#### SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

#### FORM 8-K

### CURRENT REPORT

# PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported): April 28, 2009

TECHNE CORPORATION (Exact Name of Registrant as Specified in Charter)

Minnesota0-1727241-1427402(State or Other Jurisdiction(CommissionI.R.S. Employerof Incorporation)File Number)Identification No.)

614 Mckinley Place NE Minneapolis, MN 55413 (Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: (612) 379-8854

Not Applicable (Former Name or Former Address, if changed since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligations of the registrant under any of the following provisions:

- // Written communications pursuant to Rule 425 under the Securities Act 17 CFR 230.425)
- // Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- // Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- // Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

#### Item 2.02 Results of Operations and Financial Condition

A copy of the press release issued by Techne Corporation on April 28, 2009, describing the results of operations for the quarter and nine months ended March 31, 2009 and its financial condition as of March 31, 2009, is attached hereto as Exhibit 99.1.

Segment information for Techne Corporation for the quarter and nine months ended March 31, 2009 which has been included on Techne Corporation's website (www.techne-corp.com), is attached hereto as Exhibit 99.2.

The information in this Form 8-K and the Exhibits attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

99.1 Press Release dated April 28, 2009.

99.2 Segment information for the quarter and nine months ended March 31, 2009.

### SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: April 28, 2009

TECHNE CORPORATION By: /s/ Thomas E. Oland

Name: Thomas E. Oland Title: President and Chief Executive Officer

## EXHIBIT INDEX

Exhibit No. Description

99.1 Press release of Techne Corporation dated April 28, 2009.

99.2 Segment information for Techne Corporation for the quarter and nine months ended March 31, 2009.

# TECHNE CORPORATION RELEASES UNAUDITED THIRD QUARTER RESULTS FOR FISCAL YEAR 2009

Minneapolis/April 28, 2009/-- Techne Corporation's (NASDAQ: TECH) consolidated net earnings for the quarter ended March 31, 2009 decreased 6.6% to \$27.6 million or \$.74 per diluted share compared with \$29.6 million or \$.76 per diluted share for the quarter ended March 31, 2008. For the nine months ended March 31, 2009, Techne's consolidated net earnings increased 4.7% to \$79.9 million or \$2.10 per diluted share compared with \$76.3 million or \$1.94 per diluted share for the nine months ended March 31, 2008. Net earnings as a percentage of net sales was 40.1% for the nine months ended March 31, 2009 as compared to 40.2% in the first nine months of last year.

Foreign currency fluctuations and general economic conditions continued to have a negative impact on consolidated net sales and earnings in the quarter ended March 31, 2009. The change in exchange rates used to convert foreign currencies (primarily British pound sterling and euros) to U.S. dollars reduced net earnings by \$1.5 million (\$.04 per diluted share) for the quarter and \$3.3 million (\$.09 per diluted share) for the nine months ended March 31, 2009, as compared to the same periods in last fiscal year.

Consolidated net sales for the quarter and nine months ended March 31, 2009 were \$67.9 million and \$199.1 million, respectively. This was a 2.4% decrease and a 5.0% increase from the quarter and nine months ended March 31, 2008, respectively. Consolidated net sales were negatively affected by the strength of the U.S. dollar as compared to foreign currencies. Excluding the effect of changes in foreign currency exchange rates, consolidated net sales increased 2.9% and 8.3% for the quarter and nine months ended March 31, 2009, respectively, from the comparable prior year periods.

Biotechnology net sales, which include sales by R&D Systems' Biotechnology Division, R&D Systems China and BiosPacific, were \$45.1 million for the quarter ended March 31, 2009, essentially the same as in the quarter ended March 31, 2008. Biotechnology sales were \$131.6 million for the nine months ended March 31, 2009, an increase of 6.9% over the same period last year. North American biotechnology sales to industrial pharmaceutical and biotechnology customers declined approximately 5% during the third quarter of fiscal 2009. Biotechnology sales to academic and Pacific Rim distributor customers grew about 3% during the same period. The Company attributes the lower third quarter sales growth rate to customer caution in a time of economic uncertainty.

R&D Europe's net sales for the quarter and nine months ended March 31, 2009 were \$18.3 million and \$54.5 million, decreases of 9.6% and 0.3%, respectively, from the same prior-year periods. R&D Europe's net sales increased 8.5% and 11.3% for the quarter and nine months ended March 31, 2009 when measured at currency rates in effect in the comparable prior periods.

Hematology net sales for the quarter and nine months ended March 31, 2009 were \$4.4 million and \$12.9 million, increases of 5.4% and 9.3%, respectively, compared to the quarter and nine months ended March 31, 2008.

Consolidated gross margins were 78.9% and 79.5% for the quarter and nine months ended March 31, 2009, respectively, compared to 79.7% and 79.4% for the quarter and nine months ended March 31, 2008, respectively. The decrease in gross margins in the third quarter was primarily caused by lower gross margins in Europe resulting from unfavorable exchange rates.

Selling, general and administrative expenses for the quarter and nine months ended March 31, 2009 decreased \$1.9 million (21.5%) and \$2.1 million (7.7%), respectively from the quarter and nine months ended March 31, 2008. The decrease in selling, general and administrative expenses from the comparable prior-year periods were the result of the following (in thousands):

#### Quarter Nine Months

Reduction in profit sharing expense	\$(1,326) \$(1,943)
Change in exchange rates to convert f	oreign
expenses to U.S. dollars	(651) (1,538)
Other, including annual wage, salary	
and benefits increases	44 1,356

Research and development expenses decreased \$30,000 (0.5%) and increased \$983,000 (5.9%), respectively, for the quarter and nine months ended March 31, 2009 from the comparable prior-year periods.

Interest income decreased \$1.6 million and \$2.8 million for the quarter and nine months ended March 31, 2009, respectively, from the comparable prioryear periods, primarily as a result of lower rates of return on cash and available-for-sale investments and, to a lesser extent, to lower cash and available-for-sale investment balances.

The effective tax rate for both the quarter and nine months ended March 31, 2009 was 32.3% as compared to effective tax rates of 31.2% and 32.7%, respectively, from the same prior-year periods. The effective rate in the quarter ended March 31, 2008 was positively impacted by changes in state apportionment estimates. The Company expects its fiscal 2009 effective income tax rate to range from approximately 32.0% to 33.0%.

In November 2007, the Company's Board of Directors authorized the repurchase and retirement of up to \$150 million of the Company's common stock. The Company repurchased approximately 213,000 shares of its common stock during the third quarter of fiscal 2009 for approximately \$10.5 million. Approximately \$7.5 million remains available for the repurchase of shares under this authorization.

#### Forward Looking Statements:

This earnings release contains forward-looking statements within the meaning of the Private Litigation Reform Act. These statements, including the Company's expectations as to consolidated income tax rates, involve risks and uncertainties that may affect the actual results of operations. The following important factors, among others, have affected and, in the future, could affect the Company's actual results: the introduction and acceptance of new biotechnology and hematology products, the levels and particular directions of research by the Company's customers, the impact of the growing number of producers of biotechnology research products and related price competition, general economic conditions, the retention of hematology OEM and proficiency survey business, the impact of currency exchange rate fluctuations, and the costs and results of research and product development efforts of the Company and of companies in which the Company has invested or with which it has formed strategic relationships.

For additional information concerning such factors, see the Company's annual report on Form 10-K and quarterly reports on Form 10-Q as filed with the Securities and Exchange Commission. We undertake no obligation to update or revise any forward-looking statements we make in this release due to new information or future events. Investors are cautioned not to place undue emphasis on these statements.

\* \* \* \* \* \* \* \* \* \* \*

Techne Corporation has two operating subsidiaries: Research and Diagnostic Systems, Inc. (R&D Systems) of Minneapolis, Minnesota and R&D Systems Europe, Ltd. (R&D Europe) of Abingdon, England. R&D Systems is a specialty manufacturer of biological products. R&D Systems has two subsidiaries, BiosPacific, Inc. (BiosPacific), located in Emeryville, California and R&D Systems China Co. Ltd., (R&D China), located in Shanghai, China. BiosPacific is a worldwide supplier of biologics to manufacturers of in vitro diagnostic systems and immunodiagnostic kits. R&D China and R&D Europe distribute biotechnology products.

Contact: Greg Melsen, Chief Financial Officer Kathy Backes, Controller (612) 379-8854

## (In thousands, except per share data) (Unaudited)

## QUARTER ENDED NINE MONTHS ENDED

	3/31/09 3/31/08 3/31/09 3/31/08	
Net sales Cost of sales	\$67,866 \$69,522 \$199,066 \$189,651 14,316 14,146 40,832 39,001	
Gross margin	53,550 55,376 158,234 150,650	
Operating expenses:Selling, general and administrative7,0618,99425,60427,729Research and development5,8095,83917,56516,582Amortization of intangible assets240283720853Total operating expenses13,11015,11643,88945,164		
Operating income	40,440 40,260 114,345 105,486	
Other income (expense):     Interest income   1,504   3,155   6,596   9,405     Other non-operating expense, net   (1,103)   (423)   (3,002)   (1,565)		
Total other income	401 2,732 3,594 7,840	
Earnings before income t Income taxes	axes 40,841 42,992 117,939 113,326 13,200 13,402 38,083 37,025	
Net earnings	\$27,641 \$29,590 \$ 79,856 \$ 76,301	
Earnings per share: Basic Diluted Weighted average common shares outstanding: Basic Diluted	\$ 0.74 \$ 0.76 \$ 2.10 \$ 1.94 \$ 0.74 \$ 0.76 \$ 2.10 \$ 1.94 on 37,427 39,000 37,986 39,296 37,499 39,108 38,085 39,396	

#### TECHNE CORPORATION CONSOLIDATED BALANCE SHEETS (In thousands)

(In thousa	,
(Unaudite	
	3/31/09 6/30/08
ASSETS	
Cash and equivalents	\$133,821 \$166,992
Short-term available-for-sale i	investments 33,296 39,353
Trade accounts receivable	31,593 31,747
Other receivables	3,020 1,585
Inventory	10,749 9,515
Other current assets	10,196 9,241
Current assets	222,675 258,433
Available-for-sale investments	s 66,925 87,384
Property and equipment, net	97,428 101,722
Goodwill and intangible assets	s, net 28,312 29,032
Other non-current assets	26,463 30,798
Total assets	\$441,803 \$507,369
LIABILITIES	
Current liabilities	\$ 14,914 \$ 20,239
Stockholders' equity	426,889 487,130
1.1.5	
Total liabilities and equity	\$441,803 \$507,369
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#### SEGMENT INFORMATION

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# TECHNE CORPORATION AND SUBISIDARIES (in thousands of \$'s, except per share data)

<CAPTION> Increase (Decrease) From Fiscal 2008 Fiscal 2009 \_\_\_\_\_ First Second Third Percent First Second Third Qtr Qtr Qtr YTD Of Sales Qtr Qtr Qtr YTD <S> 69,324 61,876 67,866 199,066 100% 11,337 (266) (1,656) 9,415 Sales Cost of sales 13,086 13,430 14,316 40,832 21% 982 679 170 1,831 Gross margin 56,238 48,446 53,550 158,234 79% 10,355 (945) (1,826) 7,584 Gross margin percentage 81.1% 78.3% 78.9% 79.5% SG&A expense 8,840 9,703 7,061 25,604 13% 750 (942) (1,933)(2,125) R&D expense 5,910 5,846 5,809 17,565 9% 729 284 (30) 983 Amortization expense 240 240 240 720 - (48) (42) (43) (133) Interest (2,887)(2,205)(1,504) (6,596) (3%) 111 1,047 1,651 2,809 income Other nonoperating ex., net 1,187 712 1,103 3,002 1% 618 139 680 1,437 13,290 14,296 12,709 40,295 20% 2,160 486 325 2,971 ----- ----- ------ ------ -----Earnings before income taxes 42,948 34,150 40,841 117,939 59% 8,195 (1,431) (2,151) 4,613 Income taxes 14,355 10,528 13,200 38,083 19% 2,674 (1,414) (202) 1,058 28,593 23,622 27,641 79,856 40% 5,521 (17) (1,949) 3,555 \_\_\_ \_\_\_ Diluted earnings per .74 .62 .74 2.10 share Weighted avg. diluted shares outstanding 38,747 37,992 37,499 38,085 </TABLE> **BIOTECHNOLOGY (1)** (in thousands of \$'s) <TABLE> <CAPTION> Increase (Decrease) Fiscal 2009 From Fiscal 2008 ----- -----First Second Third Percent First Second Third Qtr Qtr Qtr YTD Of Sales Qtr Qtr Qtr YTD <S> 53,899 48,643 53,718 156,260 100% 8,571 2,067 806 11,444 Sales Intersegment sales (7,762)(8,311)(8,579)(24,652) (1,315) (878) (757) (2,950)----- ------ ----------- ----- -----46,137 40,332 45,139 131,608 7,256 1,189 49 8,494 Cost of sales 10,247 11,090 11,080 32,417 21% 1,250 1,478 371 3,099 Intersegment sales (7,461)(8,339)(8,494)(24,294) (1,287) (909) (739)(2,935)2,786 2,751 2,586 8,123 (37) 569 (368) 164

Gross margin 43,351 37,581 42,553 123,485 79% 7,293 620 417 8,330 Gross margin percentage 81.0% 77.2% 79.4% 79.3% SG&A expense 5,141 5,418 4,262 14,821 9% 517 (116) (995) (594) R&D expense 5,717 5,643 5,622 16,982 11% 715 275 (18) 972 Amortization 240 240 240 720 -- (48) (42) (43) (133) expense Interest, net (1,084) (970) (853) (2,907) (1%) 173 339 432 944 Exchange loss/(gain) (2) 1 1 -- -- (36) (11) 6 (41) 10,012 10,332 9,272 29,616 19% 1,321 445 (618) 1,148 \_\_\_\_\_ Pretax result 33,339 27,249 33,281 93,869 60% 5,972 175 1,035 7,182 \_\_ \_\_ \_\_ \_\_\_\_\_ \_\_\_

</TABLE>

(1) Includes R&D Systems' Biotechnology Division, BiosPacific, Inc. and R&D China

**R&D SYSTEMS EUROPE** (in thousands of British pounds) <TABLE> <CAPTION> Increase (Decrease) From Fiscal 2008 Fiscal 2009 \_\_\_\_\_ First Second Third Percent First Second Third Qtr Qtr Qtr YTD Of Sales Qtr Qtr Qtr YTD ----- ----- ------ ------<S> 10,175 11,197 12,716 34,088 100% 2,570 1,896 2,536 7,002 Sales Cost of sales 4,260 5,361 6,540 16,161 47% 805 1,308 2,148 4,261 ----- -----Gross margin 5,915 5,836 6,176 17,927 53% 1,765 588 388 2,741 Gross margin percentage 58.1% 52.1% 48.6% 52.6% SG&A expense 1,224 1,364 1,191 3,779 11% 110 88 28 226 Interest income (790) (583) (235) (1,608) (4%) (107) 190 527 610 Exchange loss/(gain) 260 (35) 163 388 1% 356 46 393 795 694 746 1,119 2,559 8% 359 324 948 1,631 Pretax result 5,221 5,090 5,057 15,368 45% 1,406 264 (560) 1,110 \_ \_ \_\_\_\_

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R&D SYSTEMS EUROPE (in thousands of \$'s)

<TABLE> <CAPTION>

-0/11/110	Increase (Decrease)
	Fiscal 2009 From Fiscal 2008
	First Second Third Percent First Second Third Qtr Qtr Qtr YTD Of Sales Qtr Qtr Qtr YTD
<s> Sales Cost of sa</s>	<pre><c> <c> <c> <c> <c> <c> <c> <c> <c> <c></c></c></c></c></c></c></c></c></c></c></pre>
Gross ma	rgin 11,010 9,010 8,888 28,908 53% 2,581 (1,724) (2,612)(1,755)

#### Gross margin percentage 58.1% 52.1% 48.6% 53.0%

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</TABLE>

HEMATOLOGY (in thousands of \$'s)

<TABLE> <CAPTION>

Increase (Decrease) Fiscal 2009 From Fiscal 2008 -----First Second Third Percent First Second Third Qtr Qtr Qtr YTD Of Sales Qtr Qtr Qtr YTD ----- ----- ----------- ----- ------ ------ ------Gross margin 1,877 1,855 2,109 5,841 45% 481 159 369 1,009 Gross margin percentage 44.2% 43.5% 47.6% 45.1% SG&A expense 436 398 310 1,144 9% (31) (89) (179) (299) R&D expense 193 203 187 583 4% 14 9 (12) 11 Interest, net (102) (91) (80) (273) (2%) 18 34 43 95 ----- ----- ------527 510 417 1,454 11% 1 (46) (148) (193) Pretax result 1,350 1,345 1,692 4,387 34% 480 205 517 1,202

</TABLE>

## CORPORATE AND OTHER (2)

(in thousands of \$'s)

<TABLE> <CAPTION>

	Increase (Decrease)Fiscal 2009From Fiscal 2008	
	irst Second Third First Second Third Qtr Qtr Qtr YTD Qtr Qtr Qtr YTD	
	<c> <c> <c> <c> <c> <c> <c> <c> <c> <c></c></c></c></c></c></c></c></c></c></c>	
	me 230 238 233 701 (4) (4) (8) ne 99 131 115 345 32 20 24 76	
_	329 369 348 1,046 28 16 24 68	
SG&A expense 980 1,793 775 3,548 243 (232) (162) (151)   Other-Building expenses 553 551 573 1,677 9 (49) (60) (100)   Other-Equity Investment losses 259 286 406 951 3 49 63 115		
	,792 2,630 1,754 6,176 255 (232) (159) (136)	
Pretax result	(1,463)(2,261)(1,406) (5,130) (227) 248 183 204	

### </TABLE>

(2) Unallocated corporate expenses and Techne's share of losses by Hemerus Medical, LLC and Nephromics, LLC.