

Data Path : Z:\HPCHEM1\BNA_L\DATA\BL062111\
 Data File : BL000325.D
 Acq On : 21 Jun 2011 22:58
 Operator : HLM/JCSA
 Sample : C2622-08
 Misc : SOIL BNA_L HLM
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 25 05:25:30 2011
 Quant Method : H:\VOL1\GCMSDATA\L\METHODS\BL060911.M
 Quant Title : SW-846 Method 8270
 QLast Update : Wed Jun 22 15:00:59 2011
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.85	152	736980	40.00	ug/ml	0.00
22) Naphthalene-d8	12.16	136	1909961	40.00	ug/ml	-0.02
39) Acenaphthene-d10	15.42	164	728906	40.00	ug/ml	0.00
62) Phenanthrene-d10	18.19	188	818172	40.00	ug/ml	0.00
78) Chrysene-d12	21.79	240	412083	40.00	ug/ml	0.00
86) Perylene-d12	23.87	264	341966	40.00	ug/ml	0.00

System Monitoring Compounds

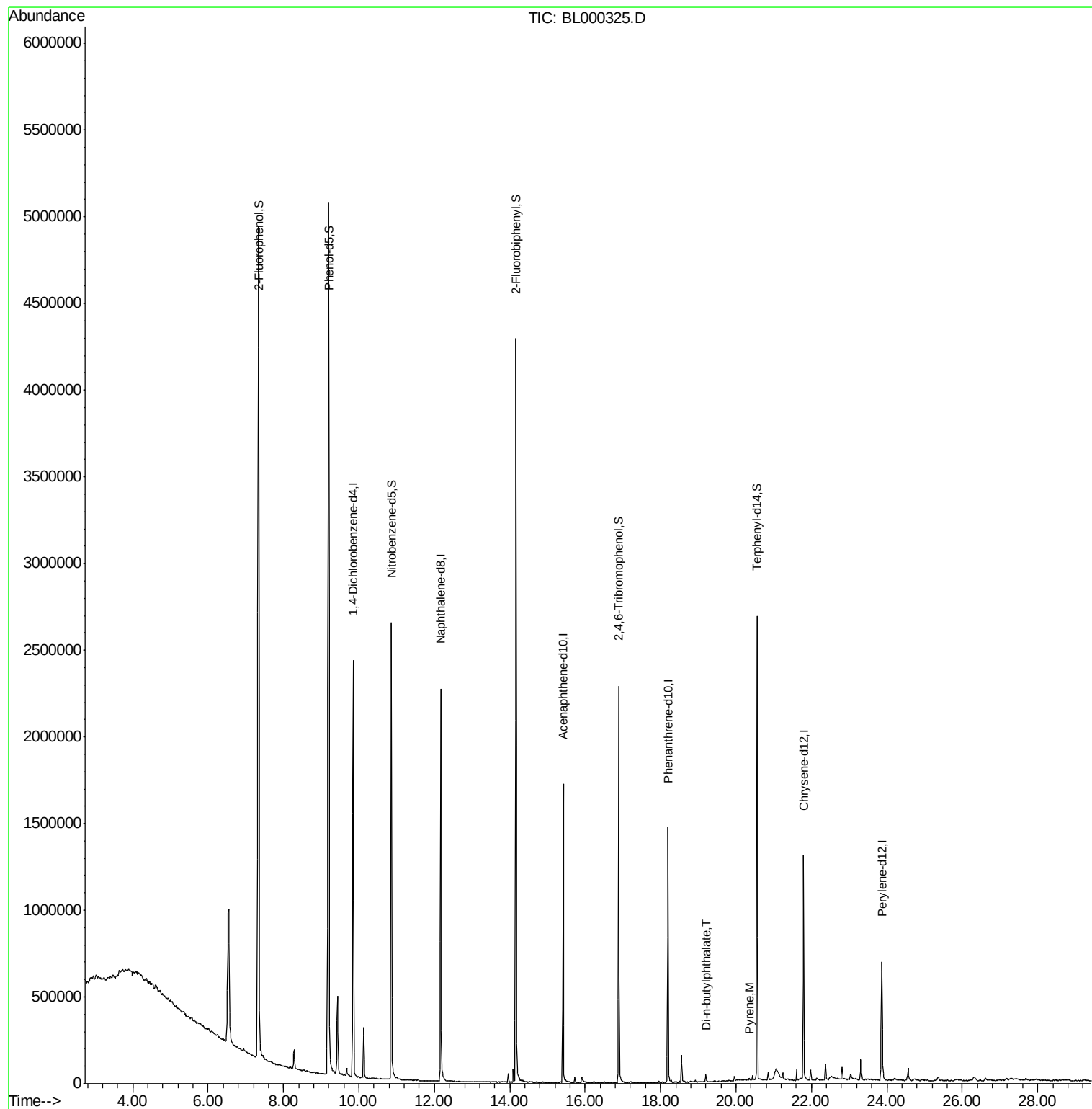
5) 2-Fluorophenol	7.34	112	3516146	127.25	ug/ml	0.03
Spiked Amount	200.000	Range	35 - 105	Recovery	=	63.63%
9) Phenol-d5	9.20	99	4370418	128.56	ug/ml	0.00
Spiked Amount	200.000	Range	40 - 100	Recovery	=	64.28%
23) Nitrobenzene-d5	10.87	82	1611824	85.20	ug/ml	0.00
Spiked Amount	100.000	Range	35 - 100	Recovery	=	85.20%
43) 2-Fluorobiphenyl	14.16	172	2235518	94.07	ug/ml	0.00
Spiked Amount	100.000	Range	45 - 105	Recovery	=	94.07%
61) 2,4,6-Tribromophenol	16.89	330	385851	165.19	ug/ml	0.00
Spiked Amount	200.000	Range	35 - 125	Recovery	=	82.59%
80) Terphenyl-d14	20.55	244	822556	113.98	ug/ml	0.00
Spiked Amount	100.000	Range	30 - 125	Recovery	=	113.98%

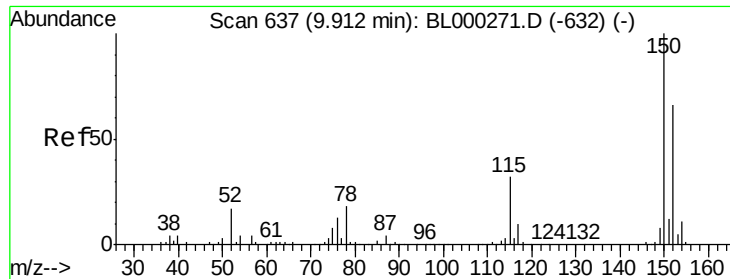
Target Compounds						Qvalue
76) Di-n-butylphthalate	19.20	149	46471	1.55	ug/ml	96
79) Pyrene	20.35	202	3864	1.60	ug/ml	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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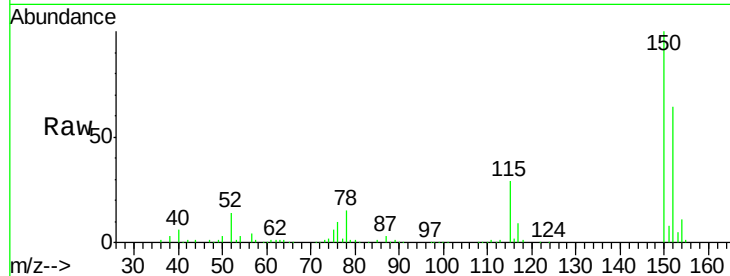




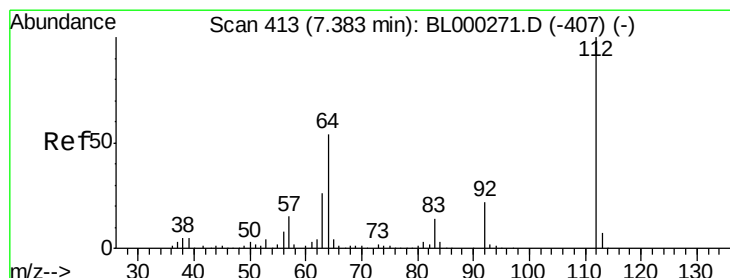
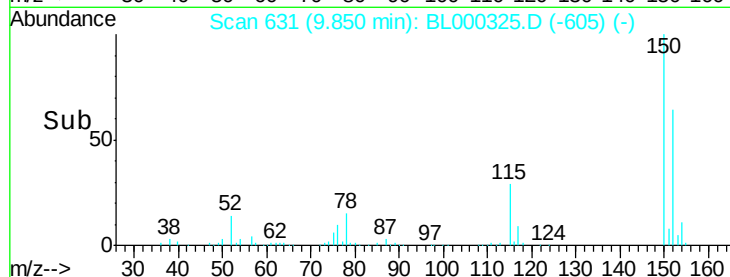
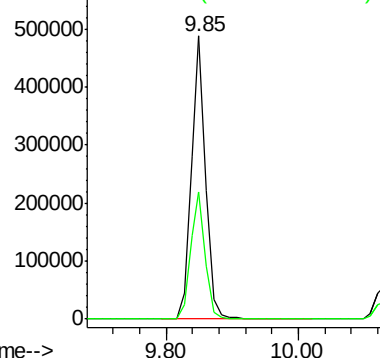
#1

1,4-Dichlorobenzene-d4
Concen: 40.00 ug/ml
RT: 9.85 min Scan# 631
Delta R.T. -0.01 min
Lab File: BL000325.D
Acq: 21 Jun 2011 22:58

Tgt Ion:152 Resp: 736980
Ion Ratio Lower Upper
152 100
115 44.8 27.0 67.0



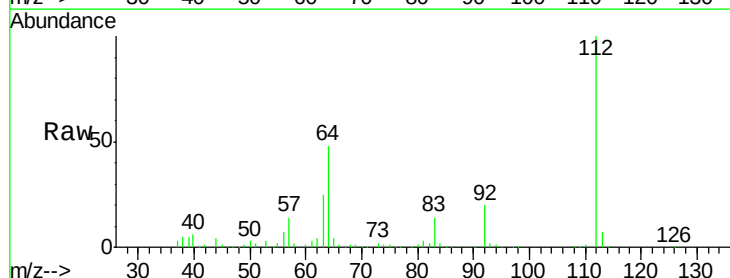
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 115.00 (114.70 to 115.70): E



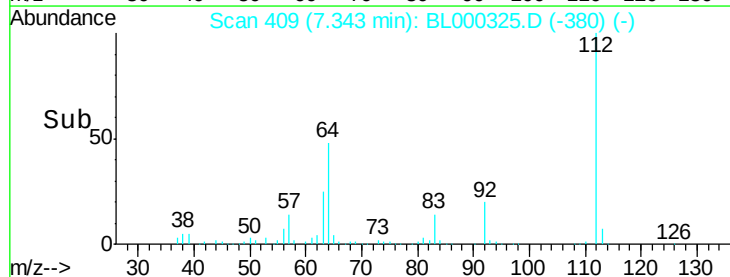
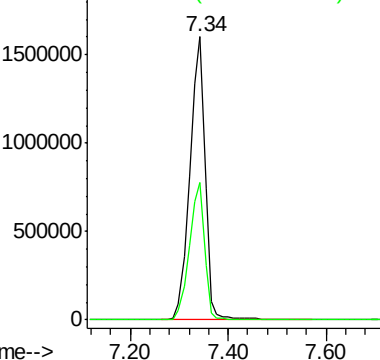
#5

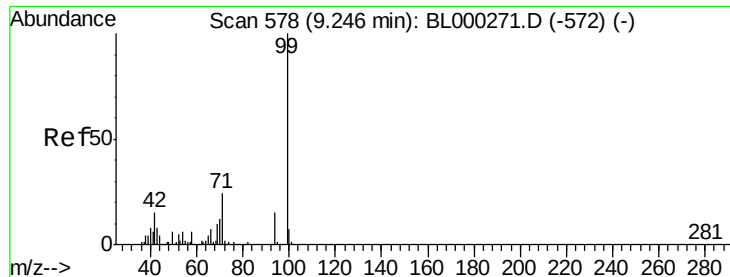
2-Fluorophenol
Concen: 127.25 ug/ml
RT: 7.34 min Scan# 409
Delta R.T. 0.03 min
Lab File: BL000325.D
Acq: 21 Jun 2011 22:58

Tgt Ion:112 Resp: 3516146
Ion Ratio Lower Upper
112 100
64 48.4 32.8 72.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BL0





#9

Phenol-d5

Concen: 128.56 ug/ml

RT: 9.20 min Scan# 573

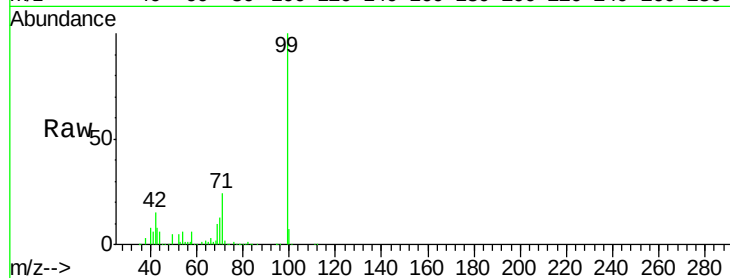
Delta R.T. -0.01 min

Lab File: BL000325.D

Acq: 21 Jun 2011 22:58

Tgt Ion: 99 Resp: 4370418

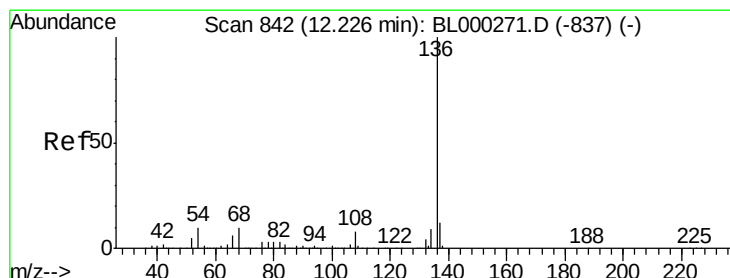
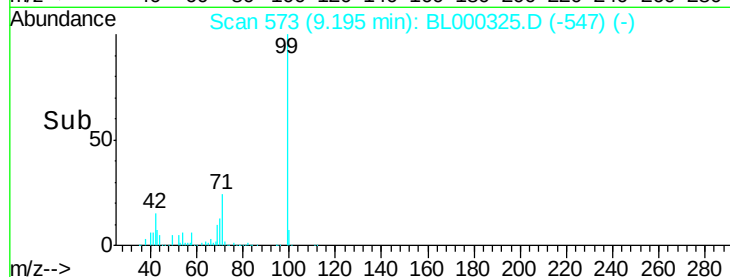
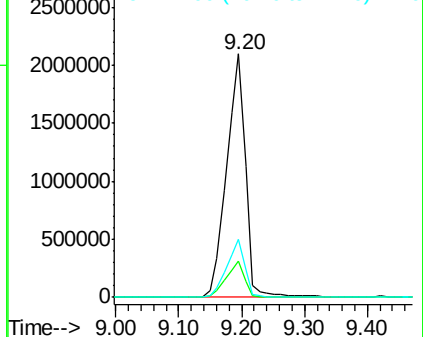
Ion	Ratio	Lower	Upper
99	100		
42	14.7	0.0	35.6
71	23.9	3.6	43.6



Abundance Ion 99.00 (98.70 to 99.70): BL0

Ion 42.00 (41.70 to 42.70): BL0

Ion 71.00 (70.70 to 71.70): BL0



#22

Naphthalene-d8

Concen: 40.00 ug/ml

RT: 12.16 min Scan# 836

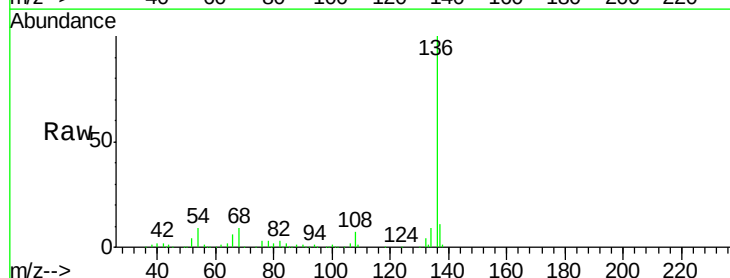
Delta R.T. -0.02 min

Lab File: BL000325.D

Acq: 21 Jun 2011 22:58

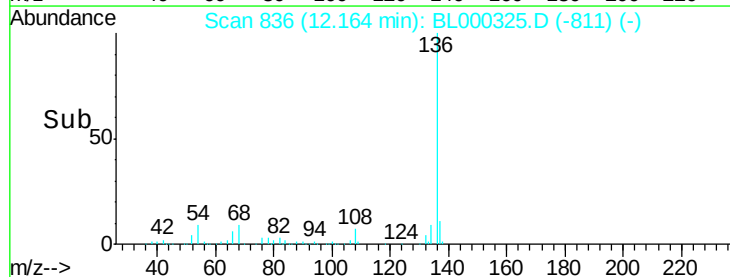
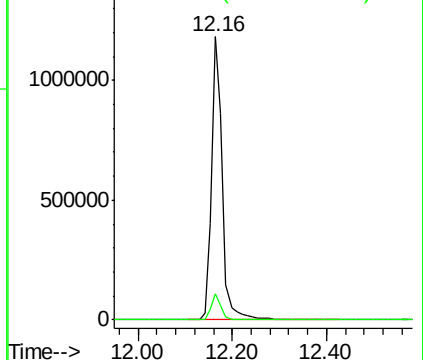
Tgt Ion: 136 Resp: 1909961

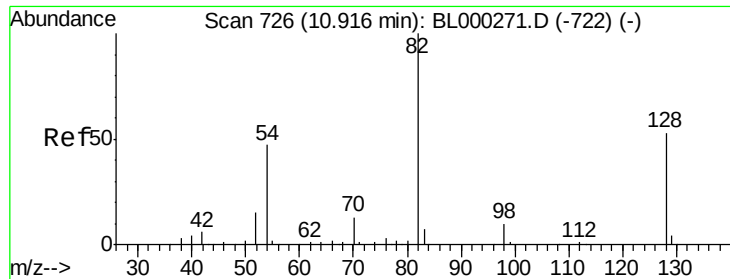
Ion	Ratio	Lower	Upper
136	100		
68	9.0	0.0	29.0



Abundance Ion 136.00 (135.70 to 136.70): E

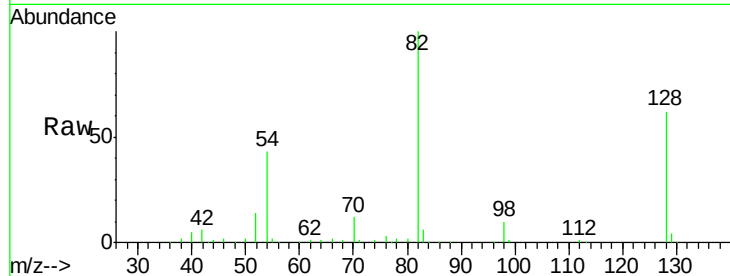
Ion 68.00 (67.70 to 68.70): BL0



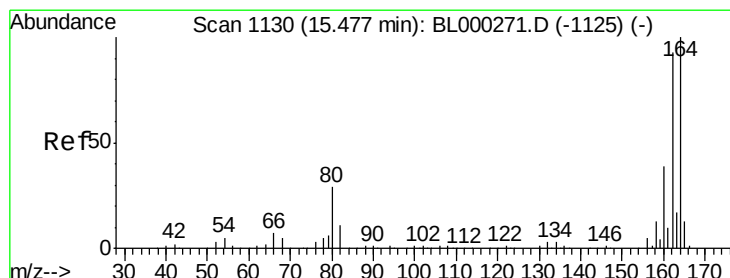
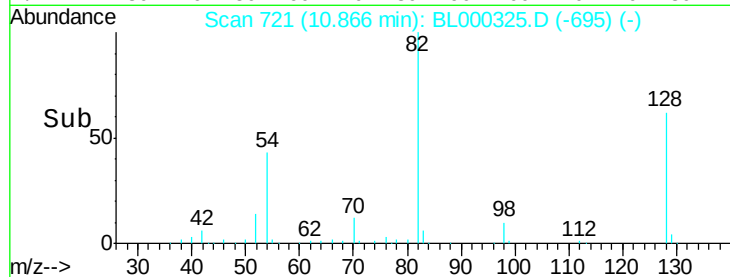
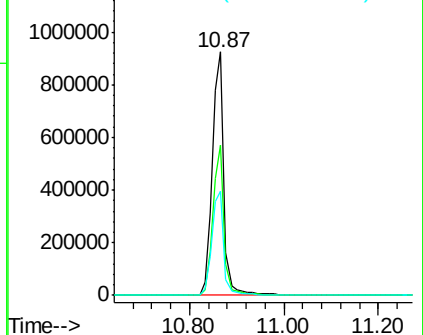


#23
 Nitrobenzene-d5
 Concen: 85.20 ug/ml
 RT: 10.87 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BL000325.D
 Acq: 21 Jun 2011 22:58

Tgt Ion: 82 Resp: 1611824
 Ion Ratio Lower Upper
 82 100
 128 61.9 36.8 76.8
 54 42.9 24.1 64.1

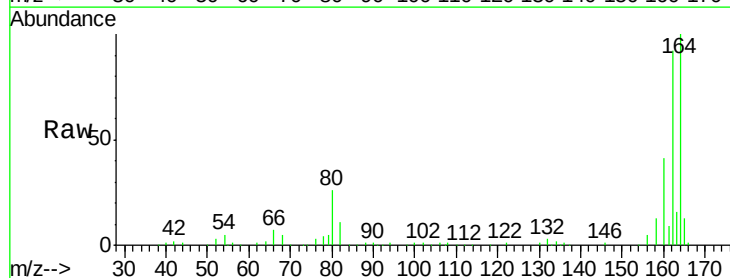


Abundance Ion 82.00 (81.70 to 82.70): BL0
 Ion 128.00 (127.70 to 128.70): BL0
 Ion 54.00 (53.70 to 54.70): BL0

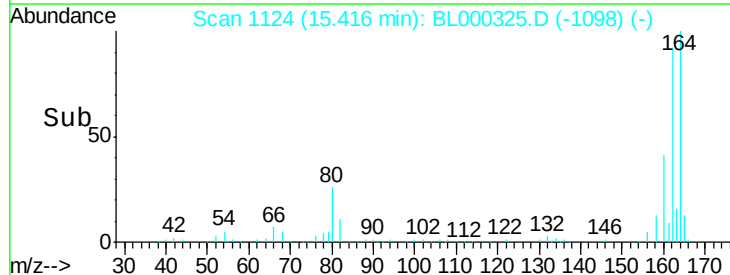
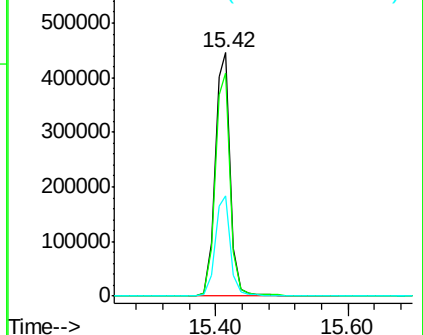


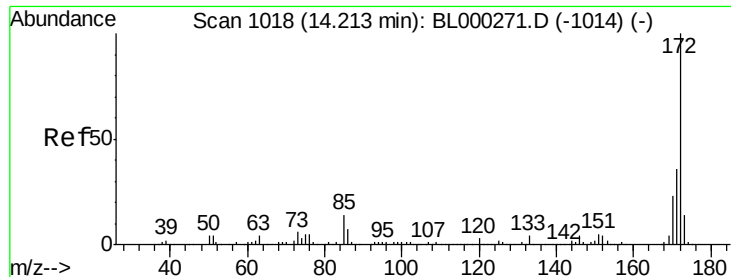
#39
 Acenaphthene-d10
 Concen: 40.00 ug/ml
 RT: 15.42 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BL000325.D
 Acq: 21 Jun 2011 22:58

Tgt Ion: 164 Resp: 728906
 Ion Ratio Lower Upper
 164 100
 162 91.9 72.4 112.4
 160 41.4 19.7 59.7



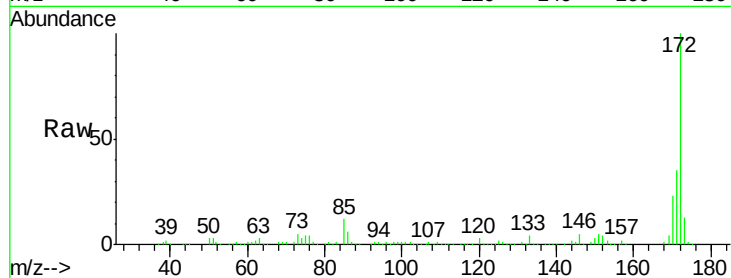
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



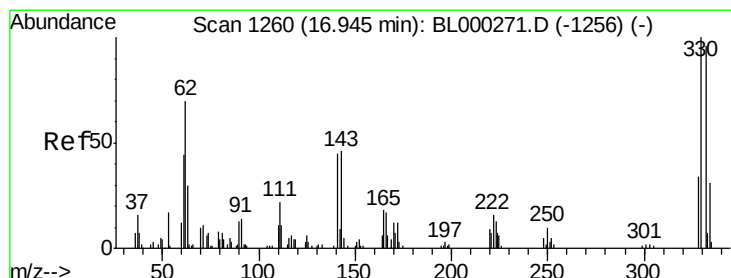
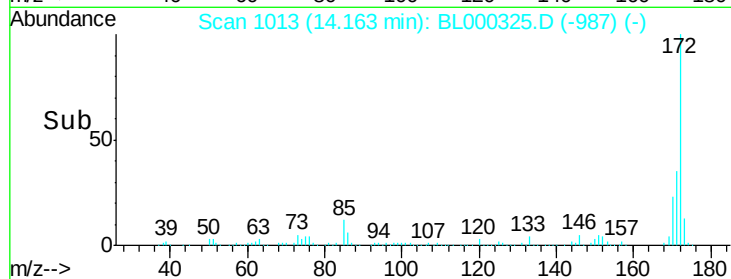
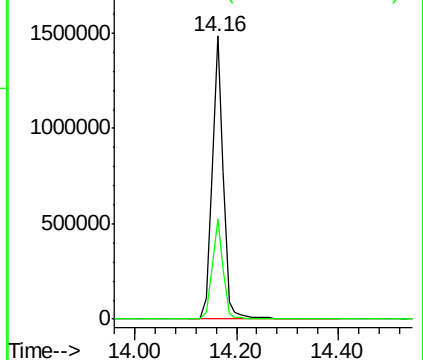


#43
 2-Fluorobiphenyl
 Concen: 94.07 ug/ml
 RT: 14.16 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BL000325.D
 Acq: 21 Jun 2011 22:58

Tgt Ion:172 Resp: 223518
 Ion Ratio Lower Upper
 172 100
 171 35.5 16.0 56.0

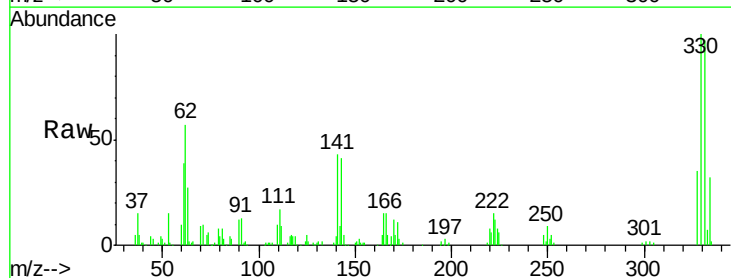


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E

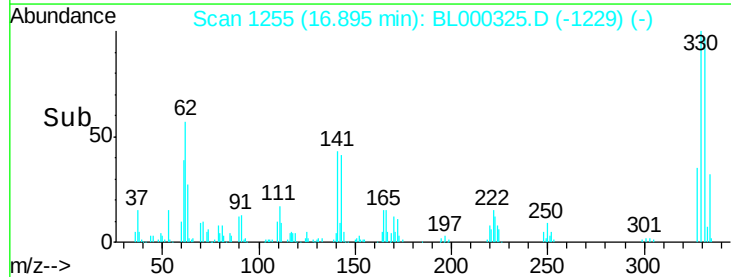
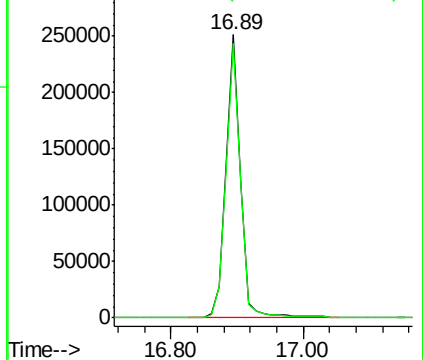


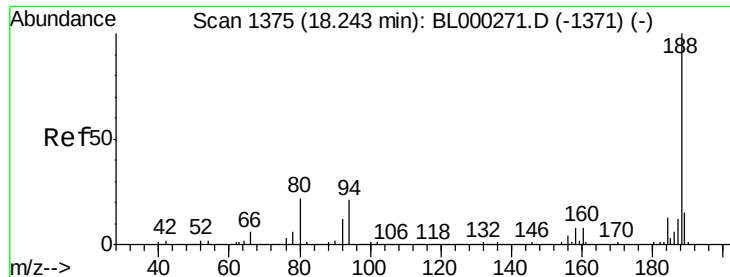
#61
 2,4,6-Tribromophenol
 Concen: 165.19 ug/ml
 RT: 16.89 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BL000325.D
 Acq: 21 Jun 2011 22:58

Tgt Ion:330 Resp: 385851
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.7 113.5



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E





#62

Phenanthrene-d10

Concen: 40.00 ug/ml

RT: 18.19 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BL000325.D

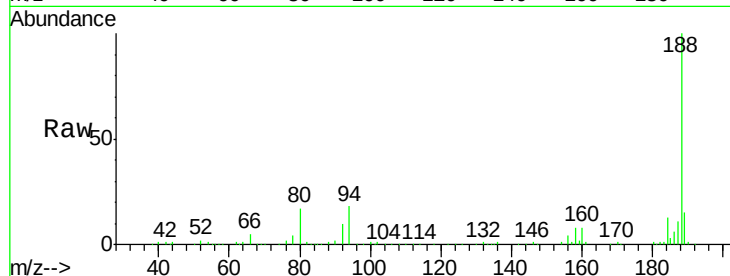
Acq: 21 Jun 2011 22:58

Tgt Ion:188 Resp: 818172

Ion Ratio Lower Upper

188 100 0.0 39.3

94 17.5 0.0 39.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BL0

18.19

600000

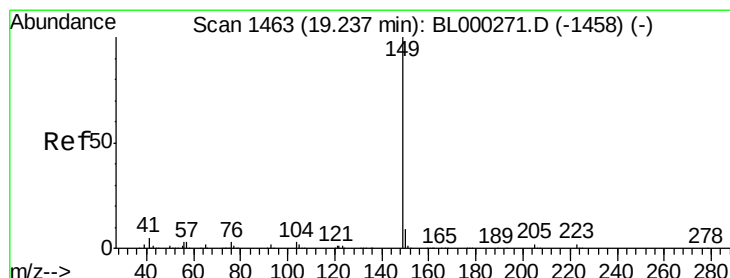
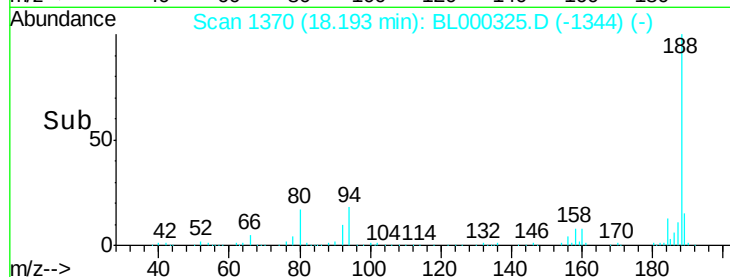
400000

200000

0

18.10 18.20 18.30

Time-->



#76

Di-n-butylphthalate

Concen: 1.55 ug/ml

RT: 19.20 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BL000325.D

Acq: 21 Jun 2011 22:58

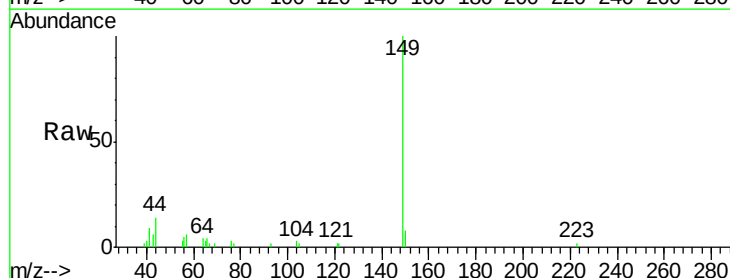
Tgt Ion:149 Resp: 46471

Ion Ratio Lower Upper

149 100 0.0 29.8

150 8.2 0.0 29.8

104 3.3 0.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

19.20

30000

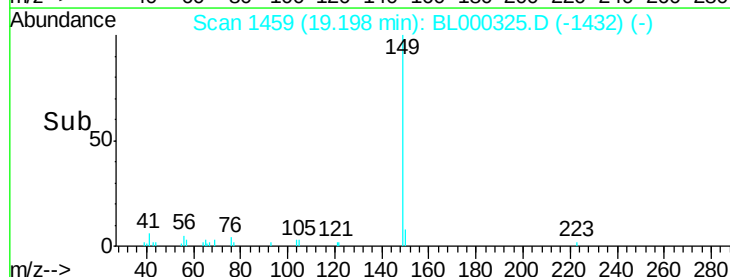
20000

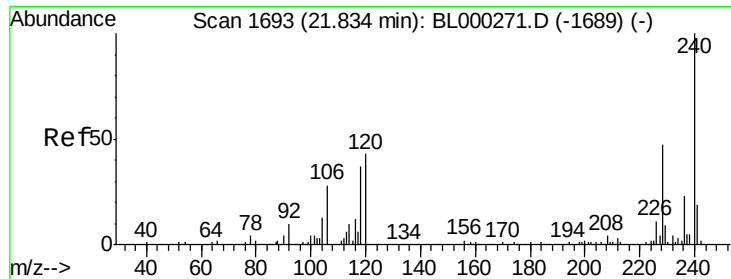
10000

0

19.10 19.20 19.30

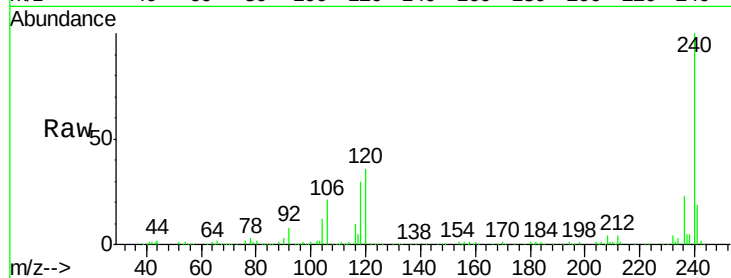
Time-->



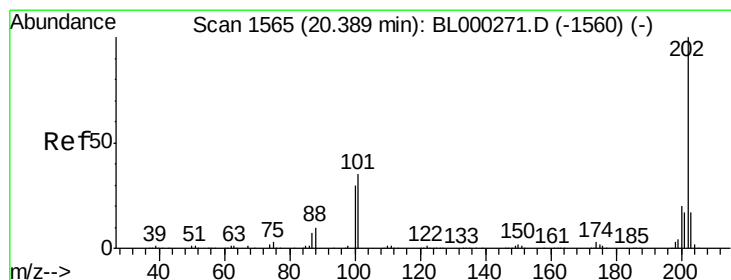
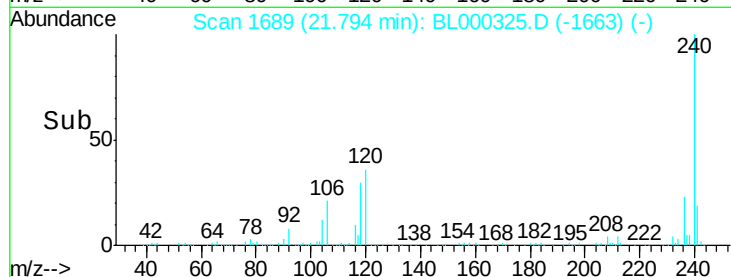
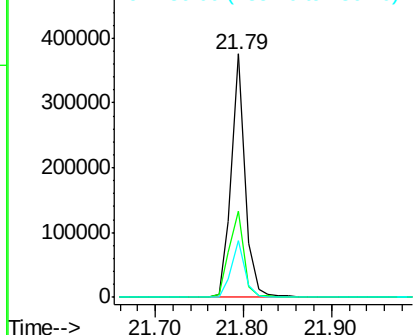


#78
 Chrysene-d12
 Concen: 40.00 ug/ml
 RT: 21.79 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BL000325.D
 Acq: 21 Jun 2011 22:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	35.6	16.3	56.3
236	23.4	3.9	43.9

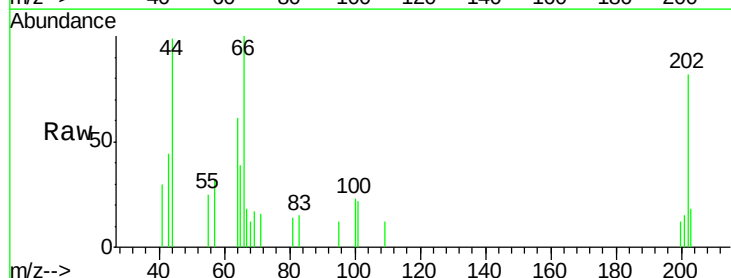


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

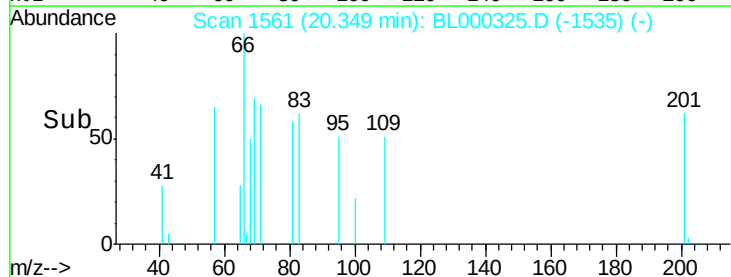
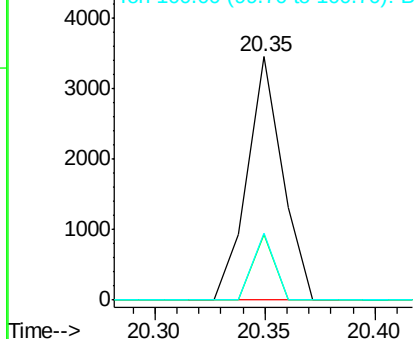


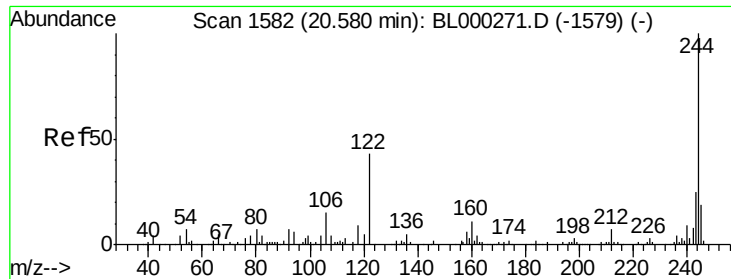
#79
 Pyrene
 Concen: 1.60 ug/ml
 RT: 20.35 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BL000325.D
 Acq: 21 Jun 2011 22:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	27.2	14.4	54.4
100	27.6	9.0	49.0



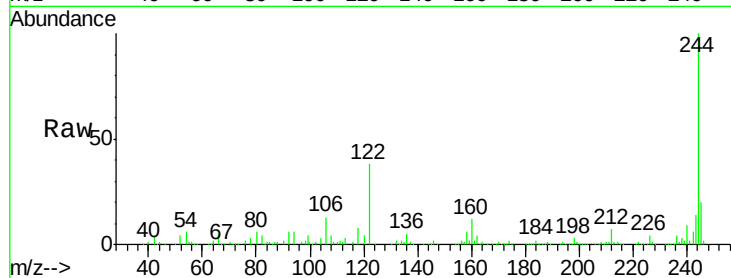
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): BL



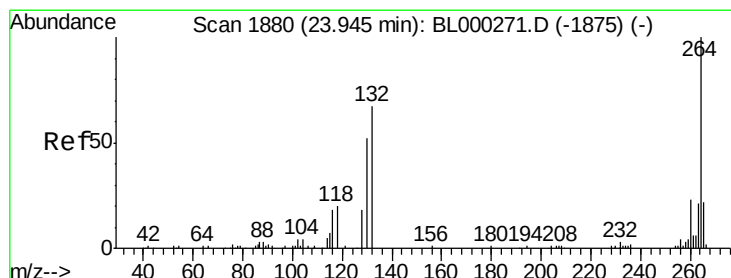
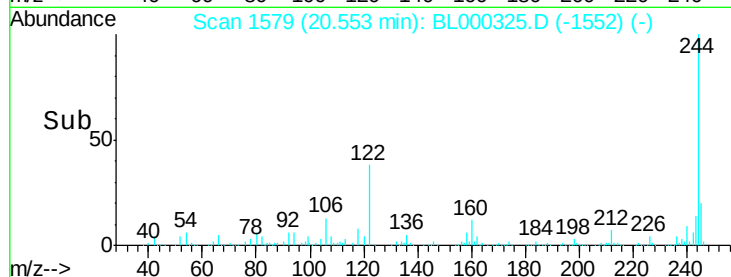
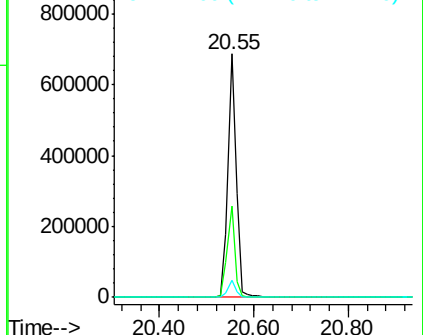


#80
 Terphenyl-d14
 Concen: 113.98 ug/ml
 RT: 20.55 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BL000325.D
 Acq: 21 Jun 2011 22:58

Tgt Ion	Ratio	Lower	Upper
244	100		
122	37.7	18.3	58.3
212	7.2	0.0	27.0

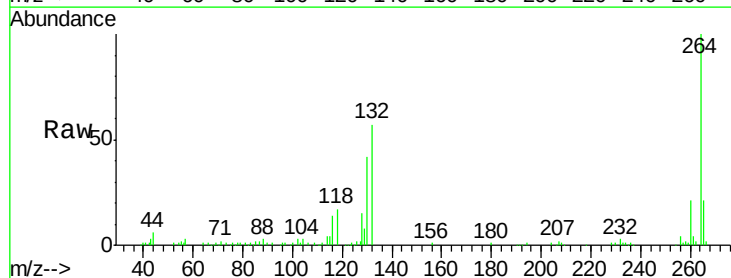


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 122.00 (121.70 to 122.70): E
 Ion 212.00 (211.70 to 212.70): E



#86
 Perylene-d12
 Concen: 40.00 ug/ml
 RT: 23.87 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BL000325.D
 Acq: 21 Jun 2011 22:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.0	2.7	42.7
265	21.2	0.6	40.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

