

Data Path : Z:\HPCHEM1\BNA_L\DATA\BL062111\
 Data File : BL000324.D
 Acq On : 21 Jun 2011 22:18
 Operator : HLM/JCSA
 Sample : C2622-07
 Misc : SOIL BNA_L HLM
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 25 05:25:26 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	727247	40.00	ug/ml	0.00
22) Naphthalene-d8	12.17	136	1840139	40.00	ug/ml	-0.02
39) Acenaphthene-d10	15.41	164	720043	40.00	ug/ml	-0.02
62) Phenanthrene-d10	18.19	188	790573	40.00	ug/ml	0.00
78) Chrysene-d12	21.80	240	363259	40.00	ug/ml	0.00
86) Perylene-d12	23.87	264	300666	40.00	ug/ml	0.00

System Monitoring Compounds

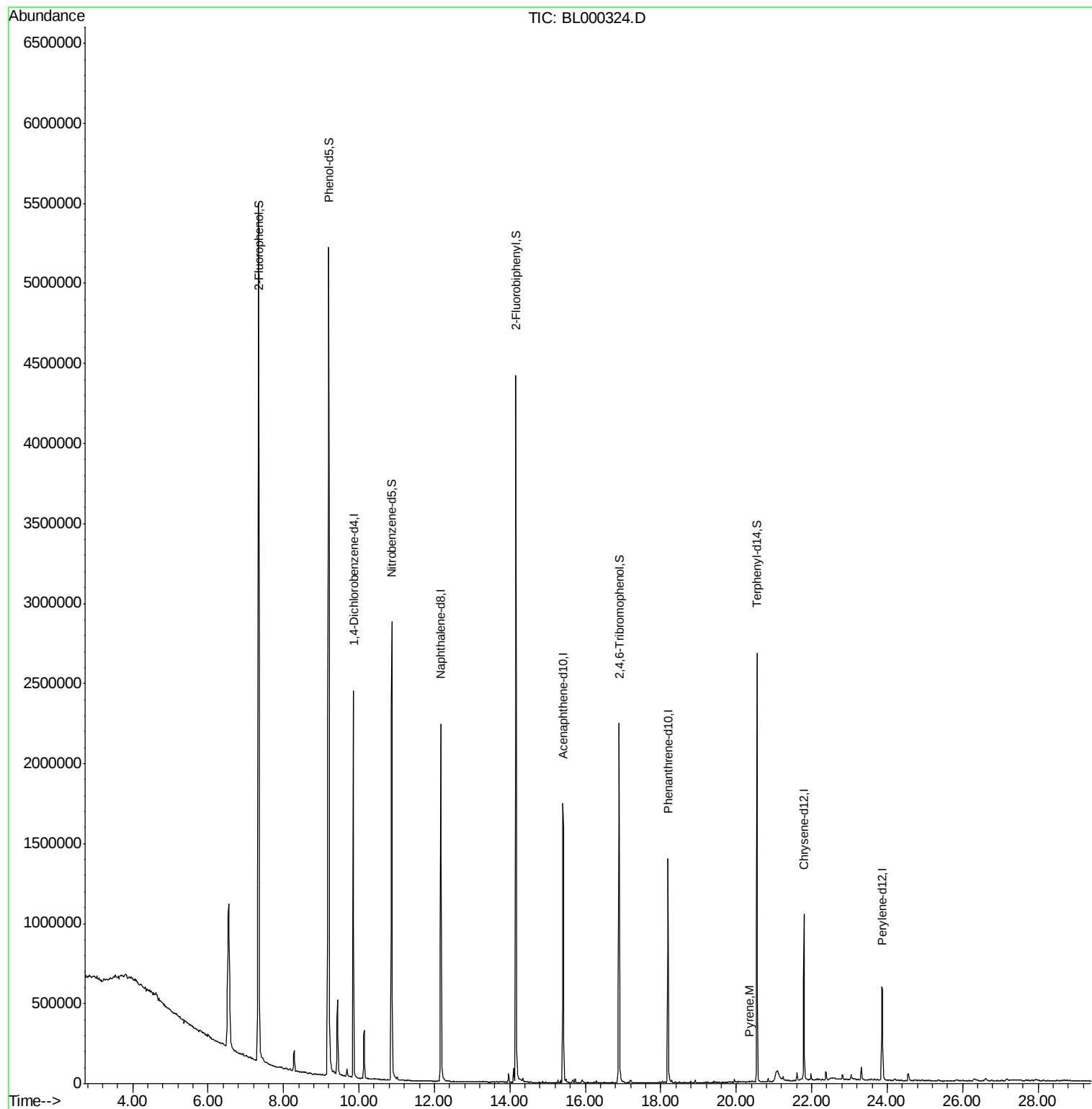
5) 2-Fluorophenol	7.34	112	3903975	143.17	ug/ml	0.03
Spiked Amount	200.000	Range	35 - 105	Recovery	=	71.58%
9) Phenol-d5	9.20	99	4630642	138.04	ug/ml	0.00
Spiked Amount	200.000	Range	40 - 100	Recovery	=	69.02%
23) Nitrobenzene-d5	10.87	82	1729445	94.88	ug/ml	0.00
Spiked Amount	100.000	Range	35 - 100	Recovery	=	94.88%
43) 2-Fluorobiphenyl	14.16	172	2321720	98.90	ug/ml	0.00
Spiked Amount	100.000	Range	45 - 105	Recovery	=	98.90%
61) 2,4,6-Tribromophenol	16.90	330	387755	168.05	ug/ml	0.00
Spiked Amount	200.000	Range	35 - 125	Recovery	=	84.03%
80) Terphenyl-d14	20.55	244	803461	126.29	ug/ml	0.00
Spiked Amount	100.000	Range	30 - 125	Recovery	=	126.29%#

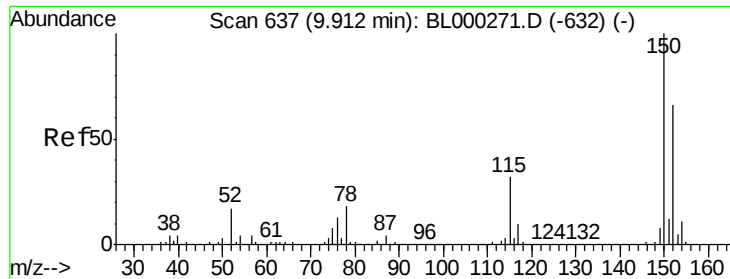
Target Compounds					Qvalue
79) Pyrene	20.35	202	3171	1.59 ug/ml	89

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

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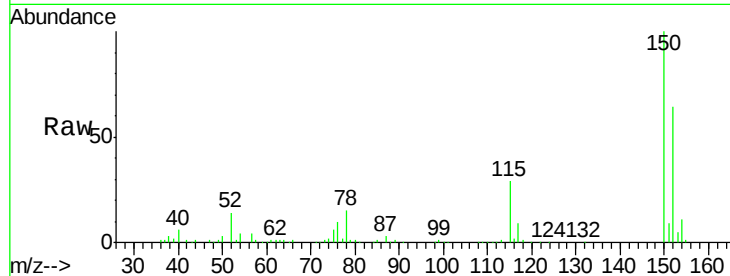




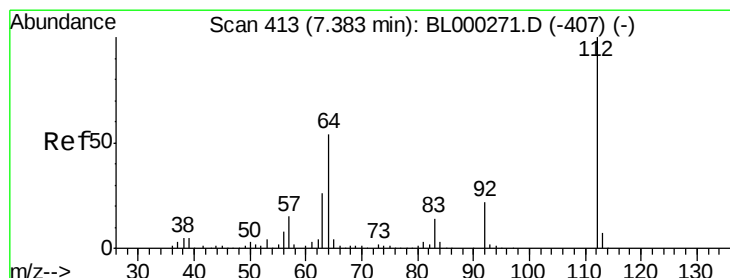
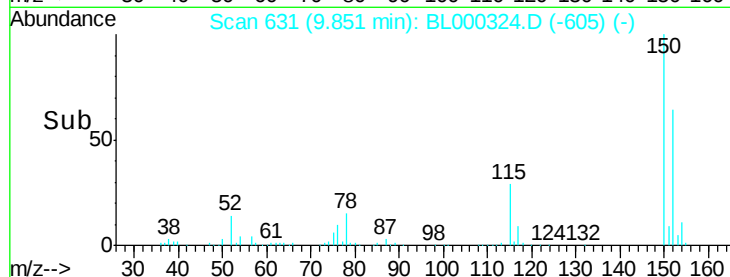
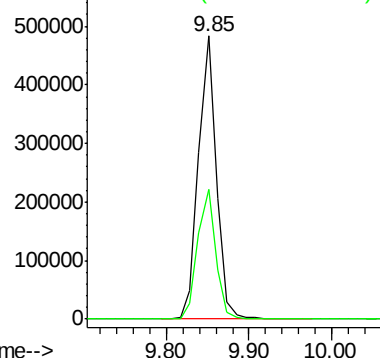
#1

1,4-Dichlorobenzene-d4
Concen: 40.00 ug/ml
RT: 9.85 min Scan# 631
Delta R.T. -0.01 min
Lab File: BL000324.D
Acq: 21 Jun 2011 22:18

Tgt Ion:152 Resp: 727247
Ion Ratio Lower Upper
152 100
115 45.9 27.0 67.0



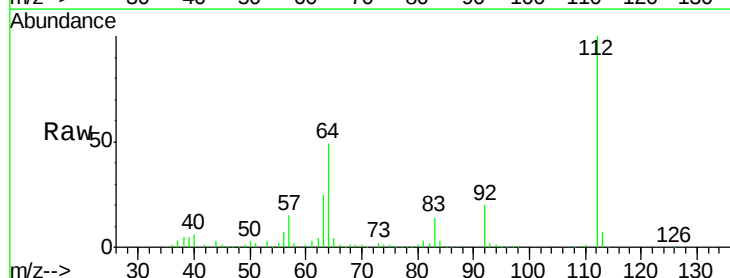
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 115.00 (114.70 to 115.70): E



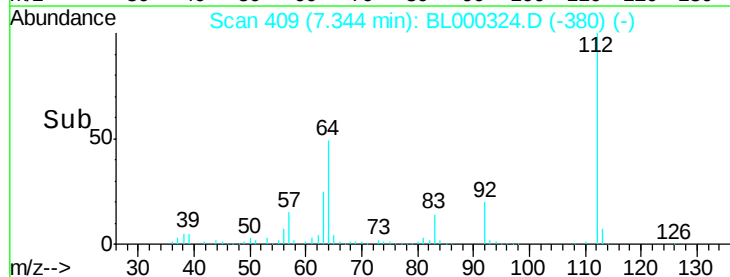
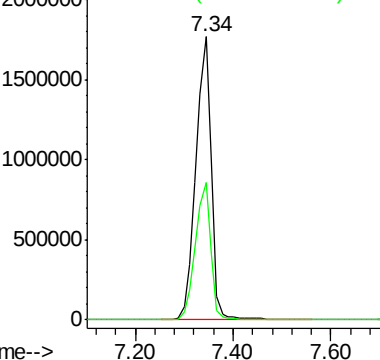
#5

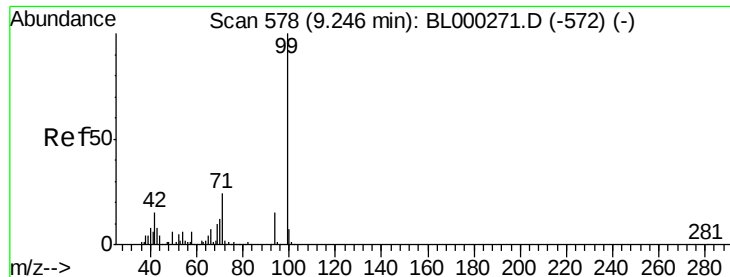
2-Fluorophenol
Concen: 143.17 ug/ml
RT: 7.34 min Scan# 409
Delta R.T. 0.03 min
Lab File: BL000324.D
Acq: 21 Jun 2011 22:18

Tgt Ion:112 Resp: 3903975
Ion Ratio Lower Upper
112 100
64 48.7 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: 138.04 ug/ml

RT: 9.20 min Scan# 573

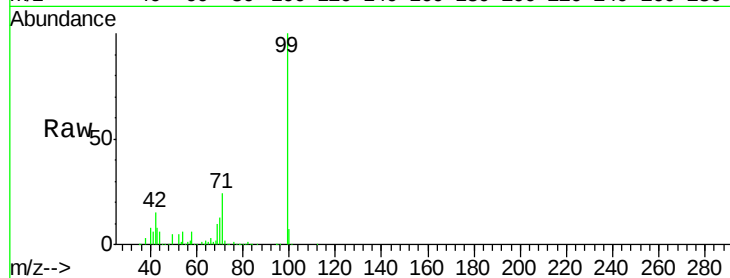
Delta R.T. -0.01 min

Lab File: BL000324.D

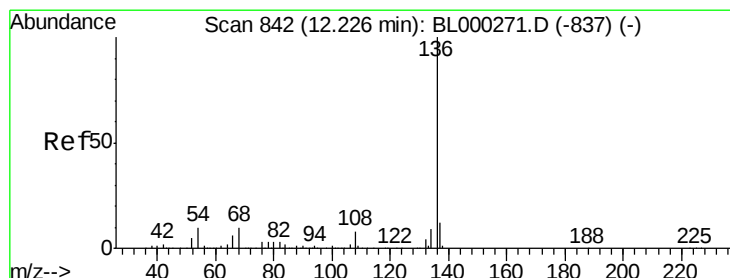
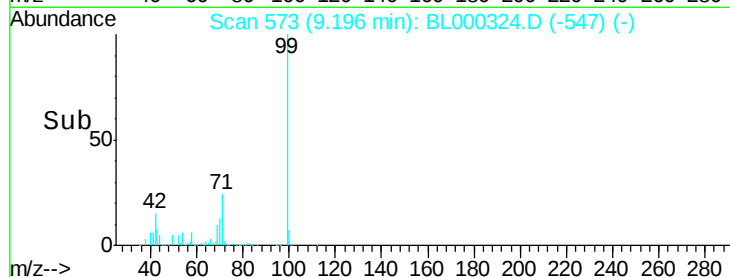
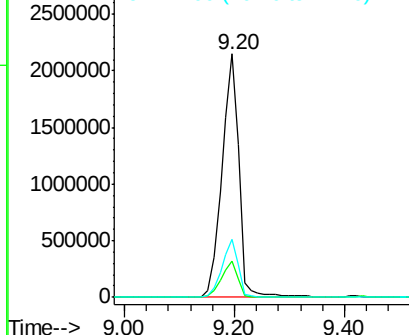
Acq: 21 Jun 2011 22:18

Tgt Ion: 99 Resp: 4630642

Ion	Ratio	Lower	Upper
99	100		
42	14.8	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: 12.17 min Scan# 836

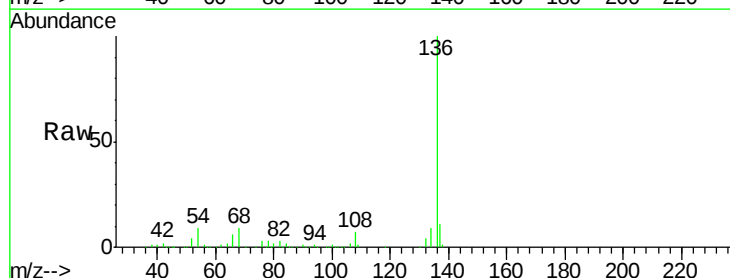
Delta R.T. -0.02 min

Lab File: BL000324.D

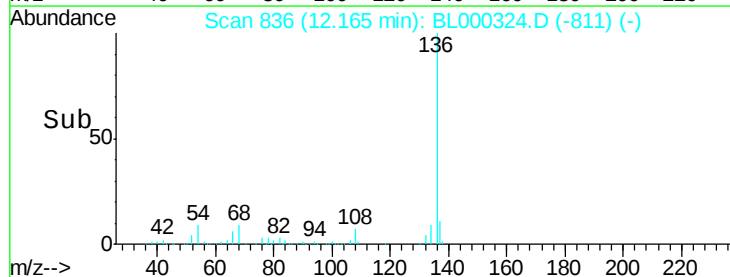
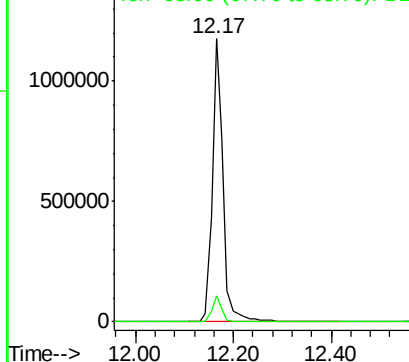
Acq: 21 Jun 2011 22:18

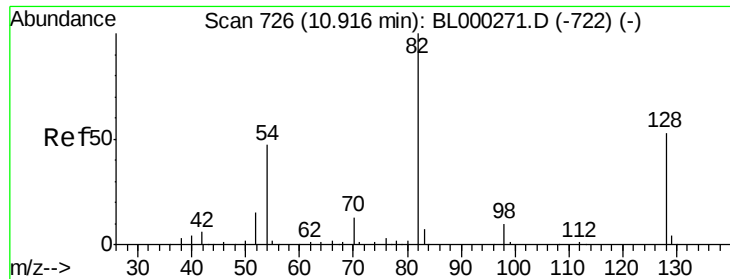
Tgt Ion: 136 Resp: 1840139

Ion	Ratio	Lower	Upper
136	100		
68	9.0	0.0	29.0



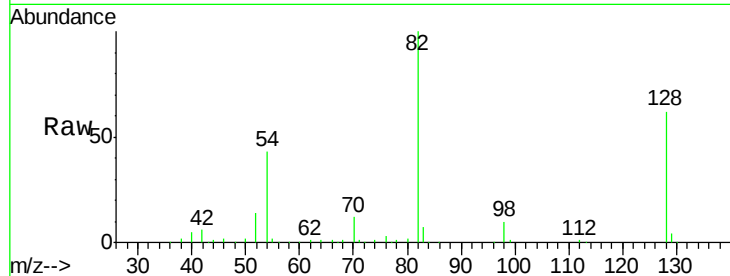
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 68.00 (67.70 to 68.70): BL0



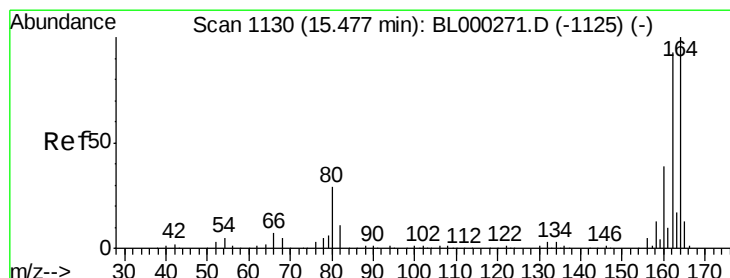
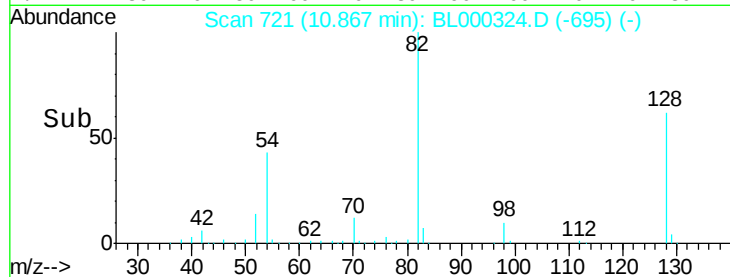
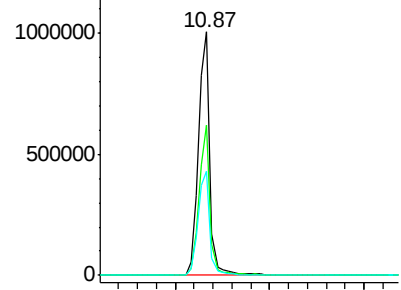


#23
 Nitrobenzene-d5
 Concen: 94.88 ug/ml
 RT: 10.87 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BL000324.D
 Acq: 21 Jun 2011 22:18

Tgt Ion: 82 Resp: 1729445
 Ion Ratio Lower Upper
 82 100
 128 61.8 36.8 76.8
 54 43.0 24.1 64.1

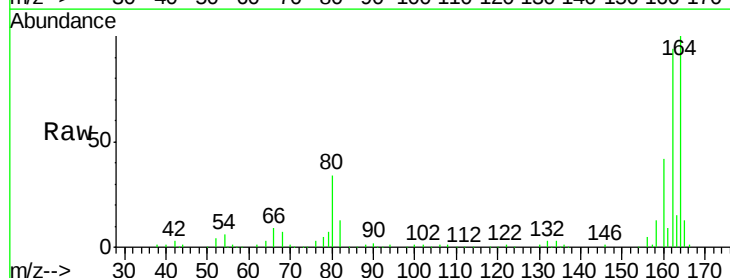


Abundance Ion 82.00 (81.70 to 82.70): BL0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BL0

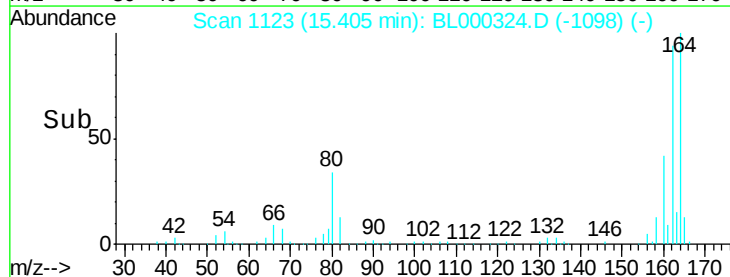
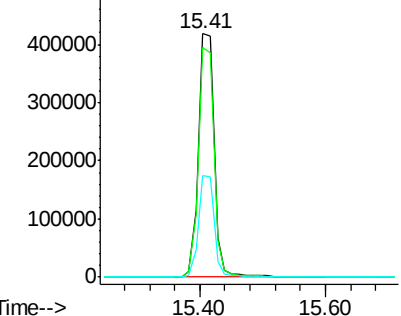


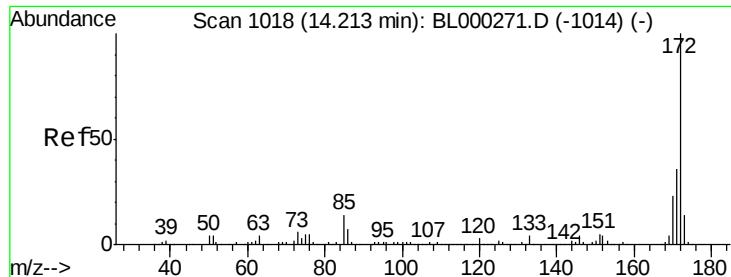
#39
 Acenaphthene-d10
 Concen: 40.00 ug/ml
 RT: 15.41 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BL000324.D
 Acq: 21 Jun 2011 22:18

Tgt Ion: 164 Resp: 720043
 Ion Ratio Lower Upper
 164 100
 162 94.5 72.4 112.4
 160 41.8 19.7 59.7



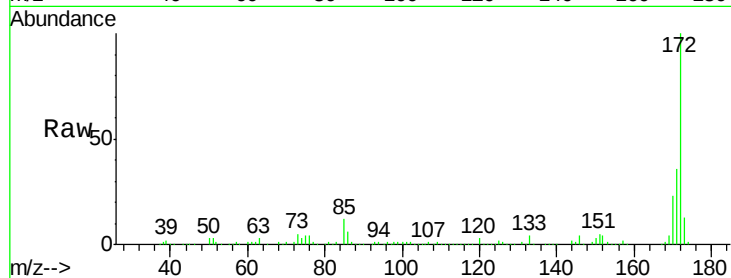
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



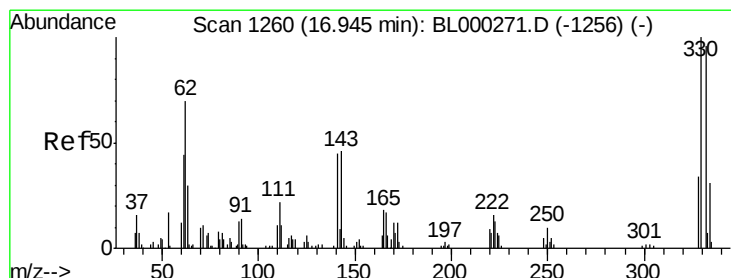
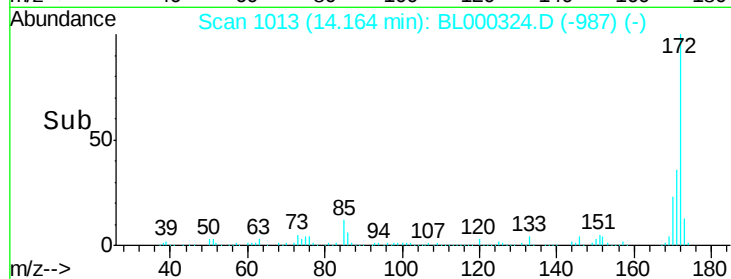
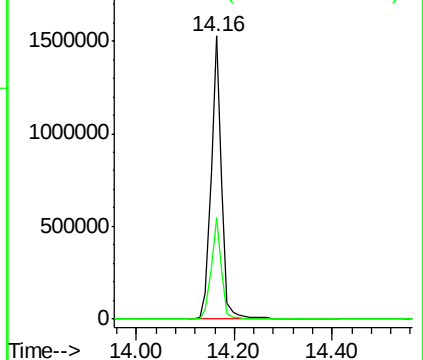


#43
 2-Fluorobiphenyl
 Concen: 98.90 ug/ml
 RT: 14.16 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BL000324.D
 Acq: 21 Jun 2011 22:18

Tgt Ion:172 Resp: 2321720
 Ion Ratio Lower Upper
 172 100
 171 35.7 16.0 56.0

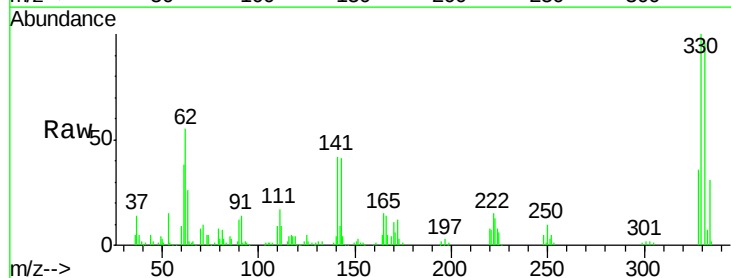


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E

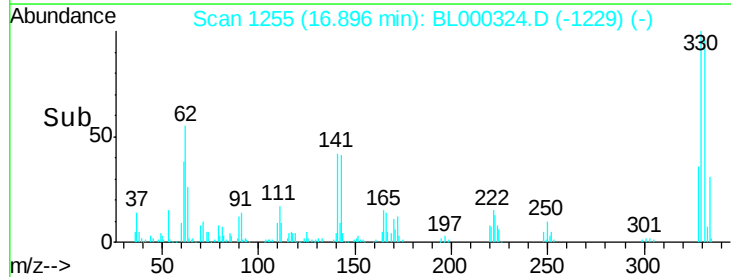
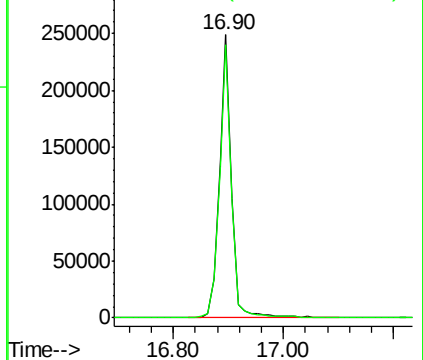


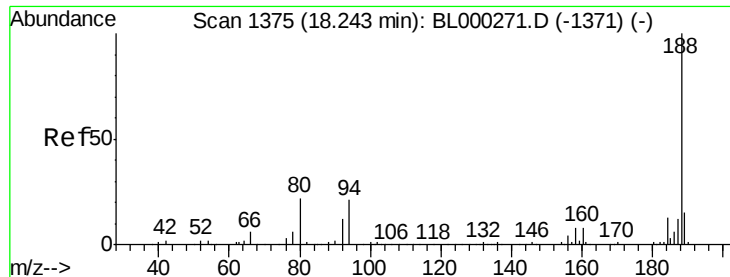
#61
 2,4,6-Tribromophenol
 Concen: 168.05 ug/ml
 RT: 16.90 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BL000324.D
 Acq: 21 Jun 2011 22:18

Tgt Ion:330 Resp: 387755
 Ion Ratio Lower Upper
 330 100
 332 96.5 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: BL000324.D

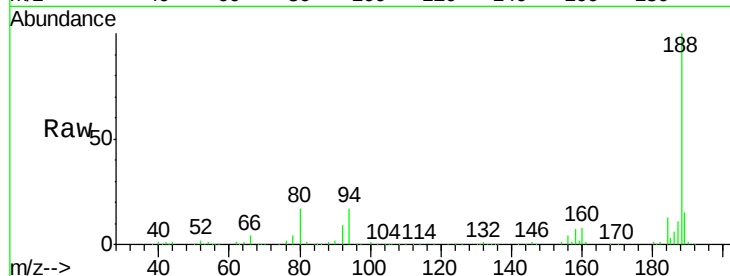
Acq: 21 Jun 2011 22:18

Tgt Ion:188 Resp: 790573

Ion Ratio Lower Upper

188 100 0.0 39.3

94 17.0 0.0 39.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BL0

600000

500000

400000

300000

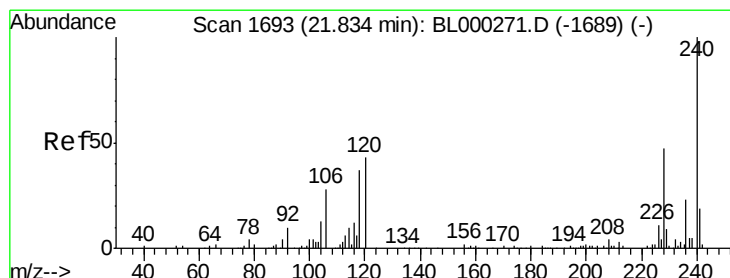
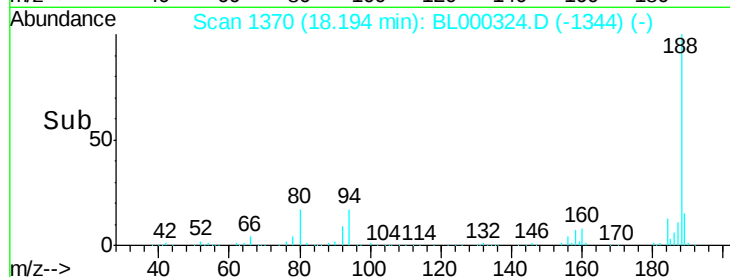
200000

100000

0

18.10 18.20 18.30

Time-->



#78

Chrysene-d12

Concen: 40.00 ug/ml

RT: 21.80 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BL000324.D

Acq: 21 Jun 2011 22:18

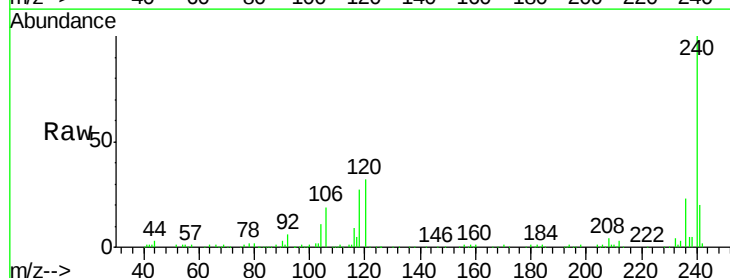
Tgt Ion:240 Resp: 363259

Ion Ratio Lower Upper

240 100 16.3 56.3

120 31.9 3.9 43.9

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

400000

300000

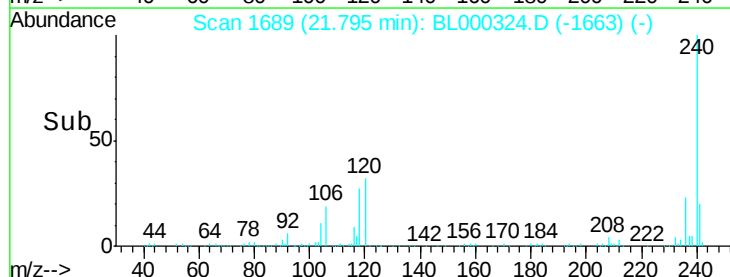
200000

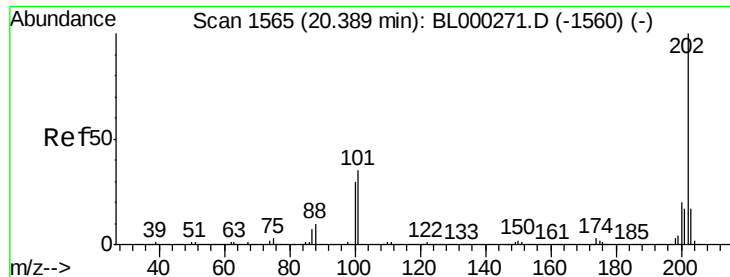
100000

0

21.70 21.80 21.90

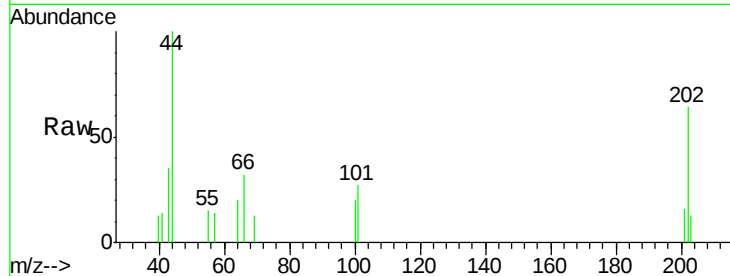
Time-->



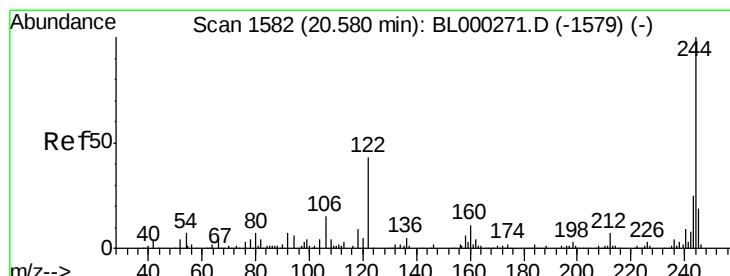
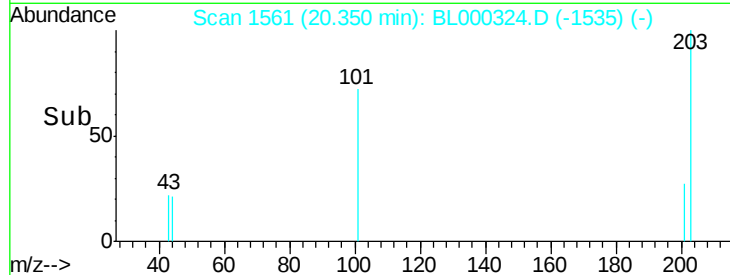
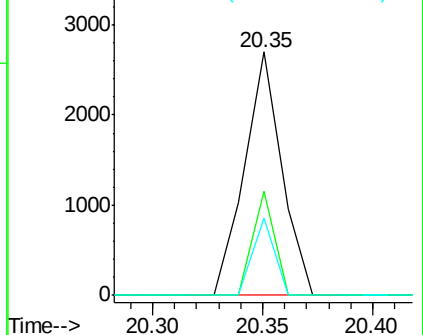


#79
 Pyrene
 Concen: 1.59 ug/ml
 RT: 20.35 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BL000324.D
 Acq: 21 Jun 2011 22:18

Tgt Ion: 202 Resp: 3171
 Ion Ratio Lower Upper
 202 100
 101 42.9 14.4 54.4
 100 32.0 9.0 49.0

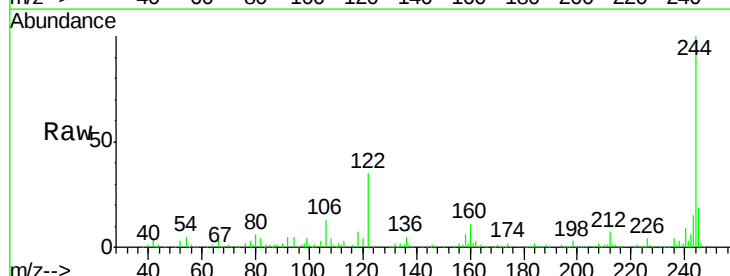


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): BL

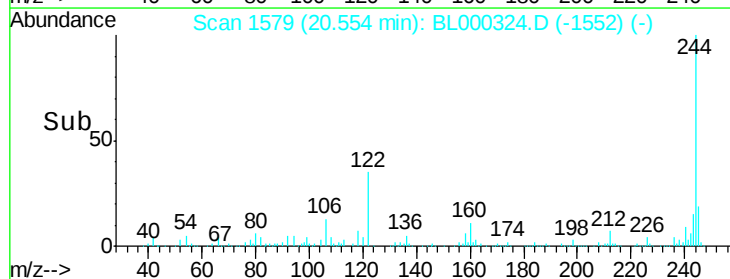
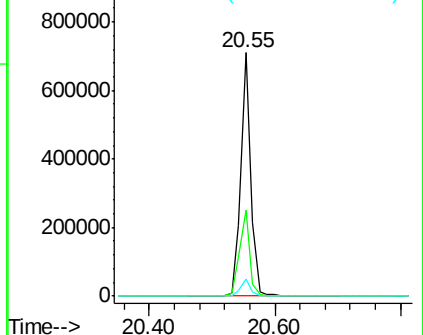


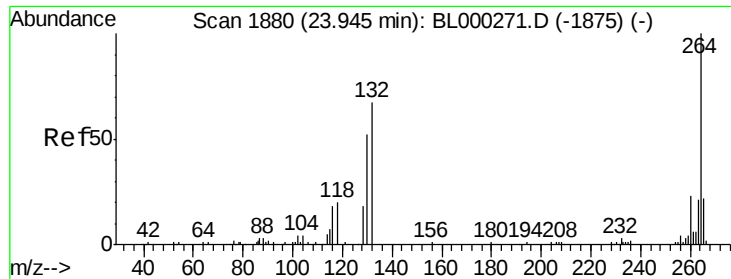
#80
 Terphenyl-d14
 Concen: 126.29 ug/ml
 RT: 20.55 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: BL000324.D
 Acq: 21 Jun 2011 22:18

Tgt Ion: 244 Resp: 803461
 Ion Ratio Lower Upper
 244 100
 122 35.3 18.3 58.3
 212 7.1 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: BL000324.D
Acq: 21 Jun 2011 22:18

Tgt Ion:	264	Resp:	300666
Ion	Ratio	Lower	Upper
264	100		
260	22.0	2.7	42.7
265	22.1	0.6	40.6

