

Data Path : Z:\HPCHEM1\BNA_L\DATA\BL062111\
 Data File : BL000323.D
 Acq On : 21 Jun 2011 21:39
 Operator : HLM/JCSA
 Sample : C2622-06
 Misc : SOIL BNA_L HLM
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 05:25:22 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	9.84	152	732523	40.00	ug/ml	-0.01
22) Naphthalene-d8	12.17	136	1927857	40.00	ug/ml	-0.01
39) Acenaphthene-d10	15.41	164	784619	40.00	ug/ml	-0.01
62) Phenanthrene-d10	18.19	188	912309	40.00	ug/ml	-0.01
78) Chrysene-d12	21.79	240	428084	40.00	ug/ml	-0.01
86) Perylene-d12	23.87	264	327203	40.00	ug/ml	-0.01

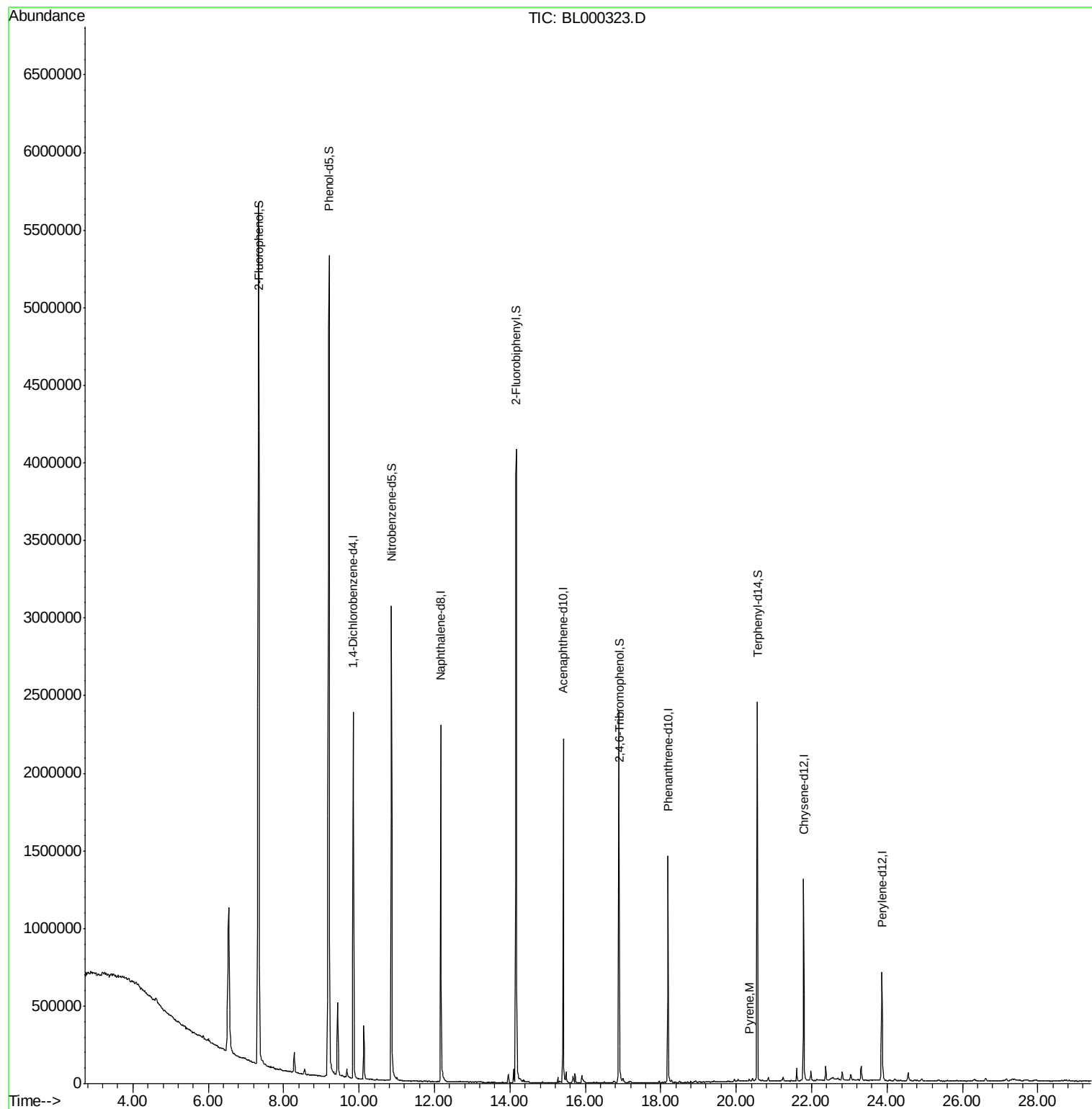
System Monitoring Compounds						
5) 2-Fluorophenol	7.34	112	3981023	144.95	ug/ml	0.02
Spiked Amount	200.000	Range	35 - 105	Recovery	=	72.47%
9) Phenol-d5	9.20	99	4866092	144.01	ug/ml	0.00
Spiked Amount	200.000	Range	40 - 100	Recovery	=	72.00%
23) Nitrobenzene-d5	10.86	82	1787208	93.59	ug/ml	-0.01
Spiked Amount	100.000	Range	35 - 100	Recovery	=	93.59%
43) 2-Fluorobiphenyl	14.17	172	2517975	98.43	ug/ml	0.00
Spiked Amount	100.000	Range	45 - 105	Recovery	=	98.43%
61) 2,4,6-Tribromophenol	16.90	330	449519	178.79	ug/ml	0.00
Spiked Amount	200.000	Range	35 - 125	Recovery	=	89.39%
80) Terphenyl-d14	20.56	244	1022546	136.39	ug/ml	0.01
Spiked Amount	100.000	Range	30 - 125	Recovery	=	136.39%#

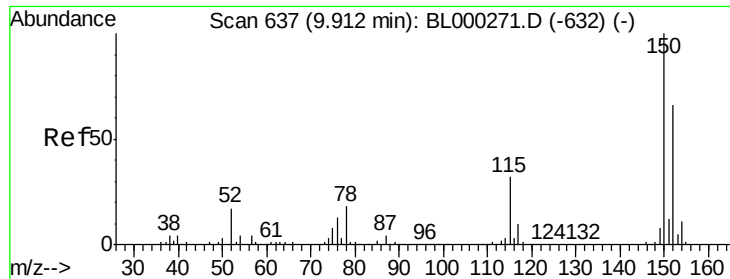
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
79) Pyrene	20.34	202	5731	1.68	ug/ml	92

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

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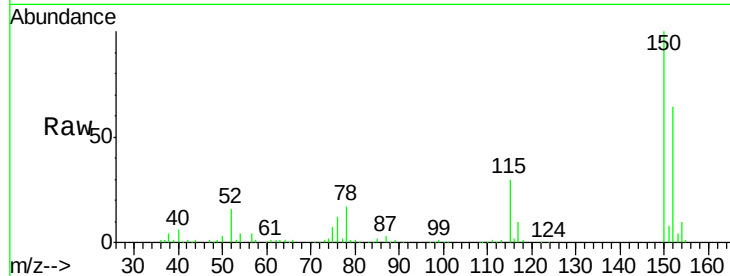




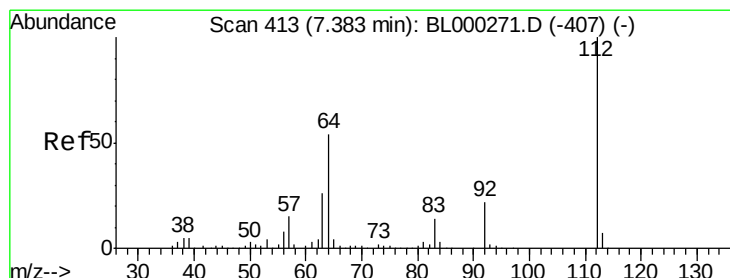
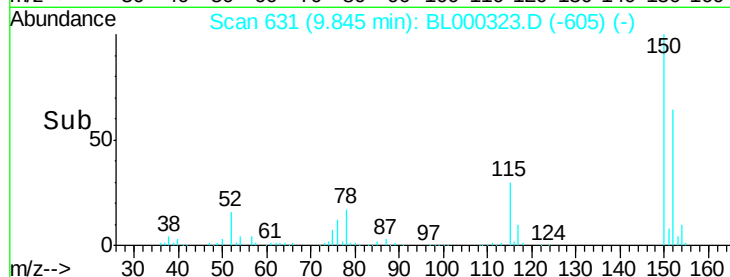
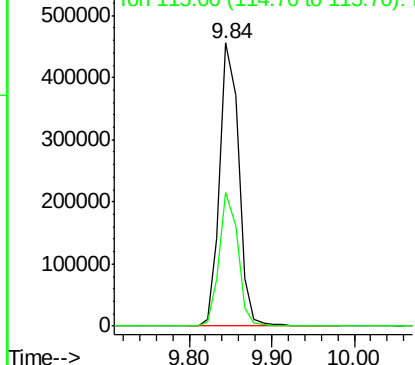
#1

1,4-Dichlorobenzene-d4
Concen: 40.00 ug/ml
RT: 9.84 min Scan# 631
Delta R.T. -0.01 min
Lab File: BL000323.D
Acq: 21 Jun 2011 21:39

Tgt Ion:152 Resp: 732523
Ion Ratio Lower Upper
152 100
115 47.3 27.0 67.0



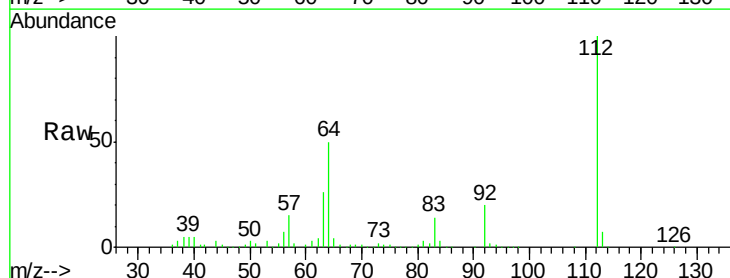
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 115.00 (114.70 to 115.70): E



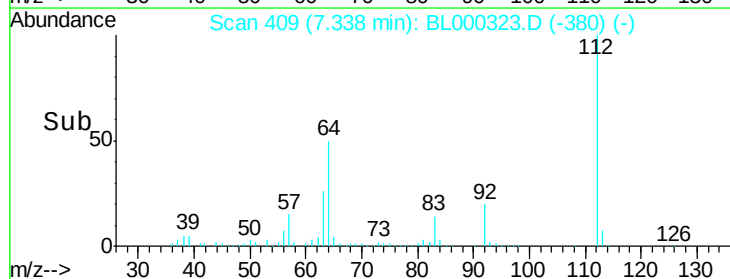
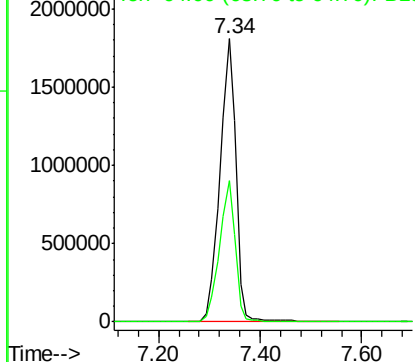
#5

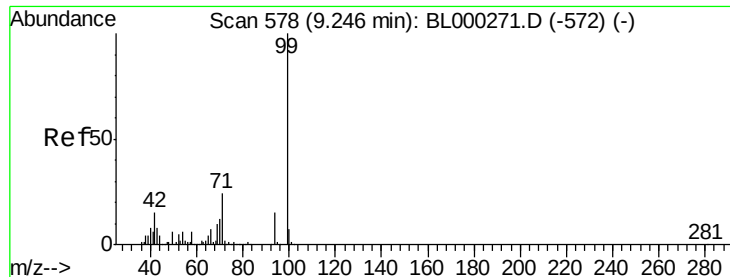
2-Fluorophenol
Concen: 144.95 ug/ml
RT: 7.34 min Scan# 409
Delta R.T. 0.02 min
Lab File: BL000323.D
Acq: 21 Jun 2011 21:39

Tgt Ion:112 Resp: 3981023
Ion Ratio Lower Upper
112 100
64 50.1 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: 144.01 ug/ml

RT: 9.20 min Scan# 574

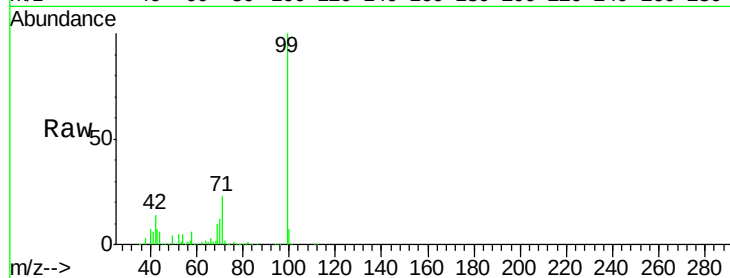
Delta R.T. -0.00 min

Lab File: BL000323.D

Acq: 21 Jun 2011 21:39

Tgt Ion: 99 Resp: 4866092

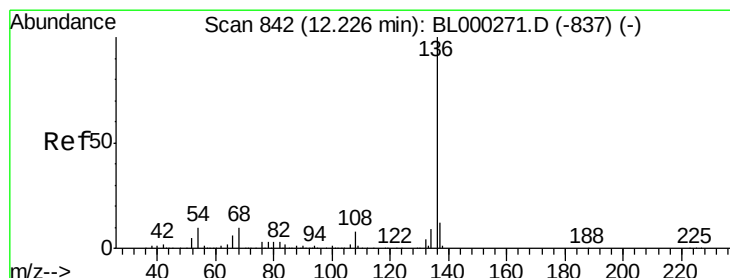
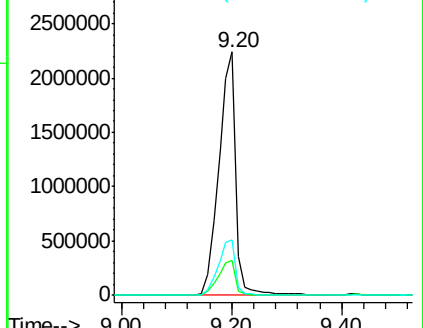
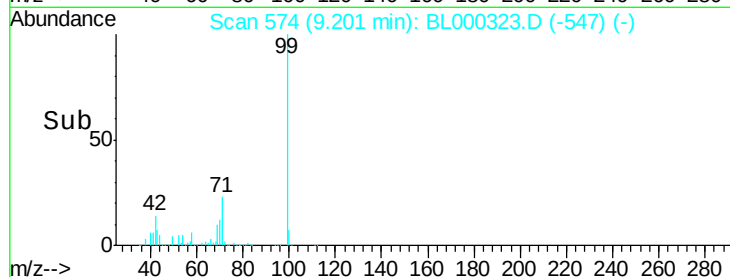
Ion	Ratio	Lower	Upper
99	100		
42	14.1	0.0	35.6
71	23.0	3.6	43.6



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# 837

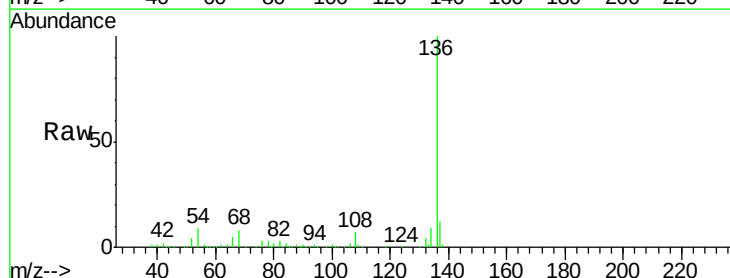
Delta R.T. -0.01 min

Lab File: BL000323.D

Acq: 21 Jun 2011 21:39

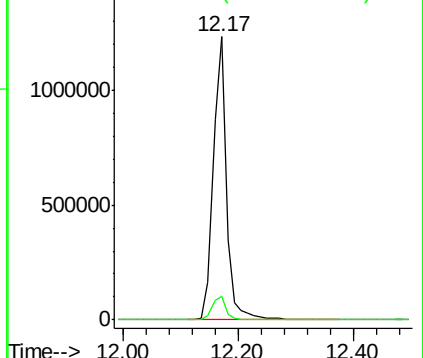
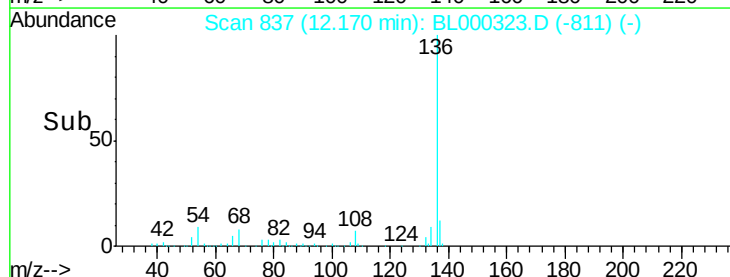
Tgt Ion: 136 Resp: 1927857

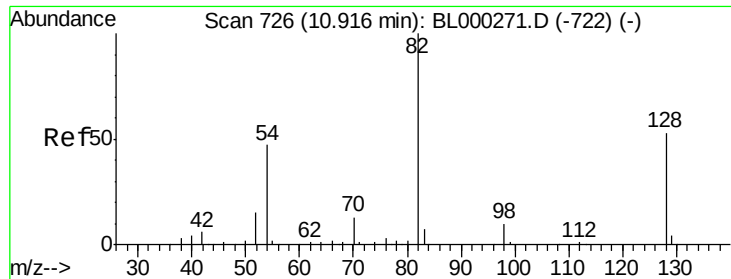
Ion	Ratio	Lower	Upper
136	100		
68	8.3	0.0	29.0



Abundance Ion 136.00 (135.70 to 136.70): E

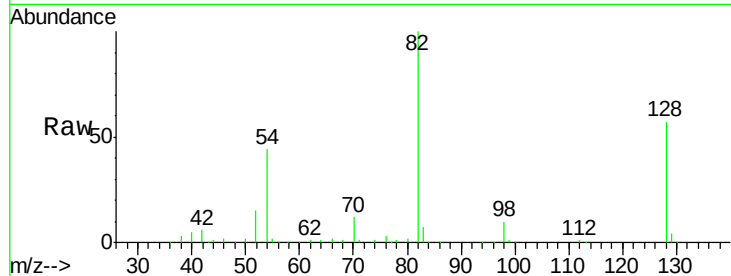
Ion 68.00 (67.70 to 68.70): BL0



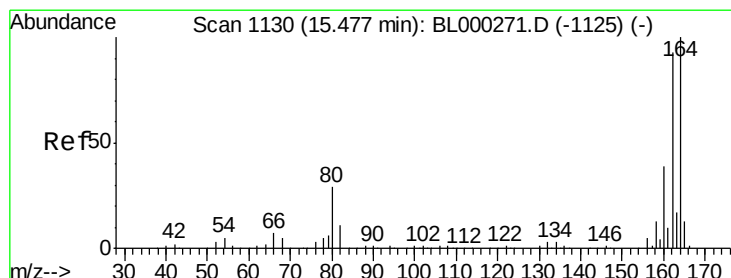
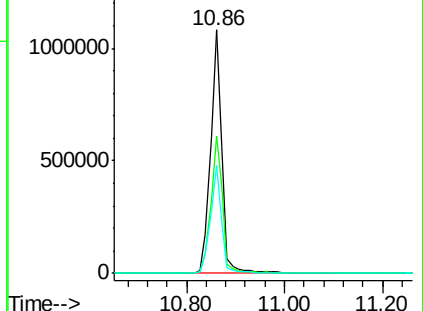
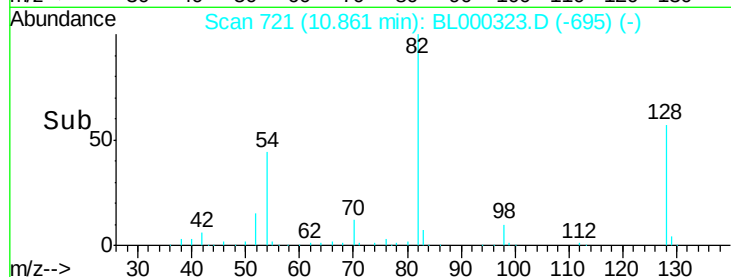


#23
 Nitrobenzene-d5
 Concen: 93.59 ug/ml
 RT: 10.86 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BL000323.D
 Acq: 21 Jun 2011 21:39

Tgt Ion: 82 Resp: 1787208
 Ion Ratio Lower Upper
 82 100
 128 56.7 36.8 76.8
 54 44.4 24.1 64.1

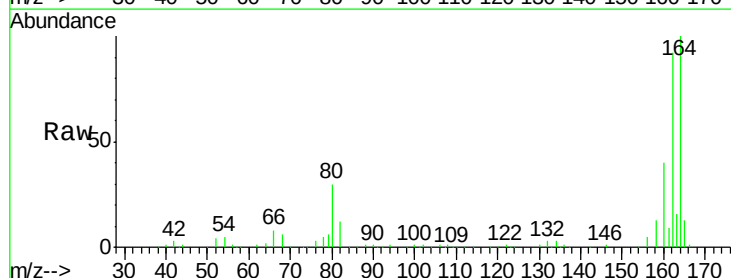


Abundance Ion 82.00 (81.70 to 82.70): BL0
 Ion 128.00 (127.70 to 128.70): BL0
 Ion 54.00 (53.70 to 54.70): BL0

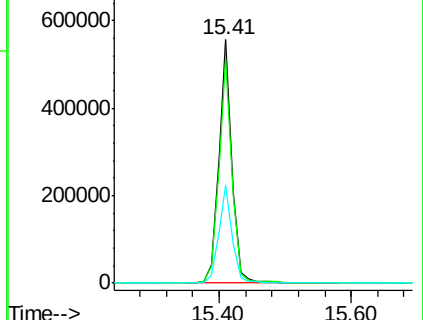
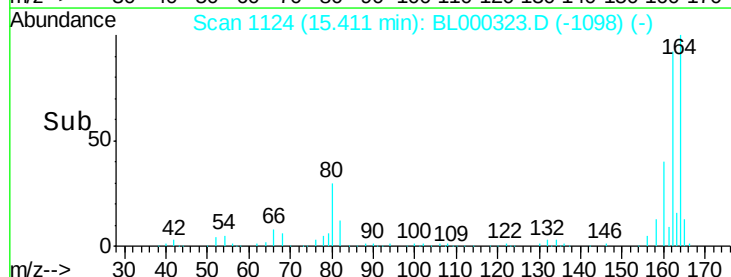


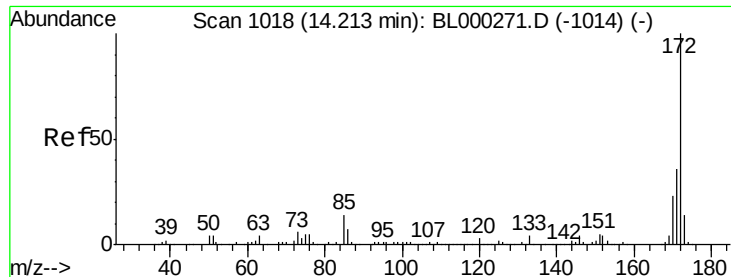
#39
 Acenaphthene-d10
 Concen: 40.00 ug/ml
 RT: 15.41 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BL000323.D
 Acq: 21 Jun 2011 21:39

Tgt Ion: 164 Resp: 784619
 Ion Ratio Lower Upper
 164 100
 162 92.0 72.4 112.4
 160 40.2 19.7 59.7



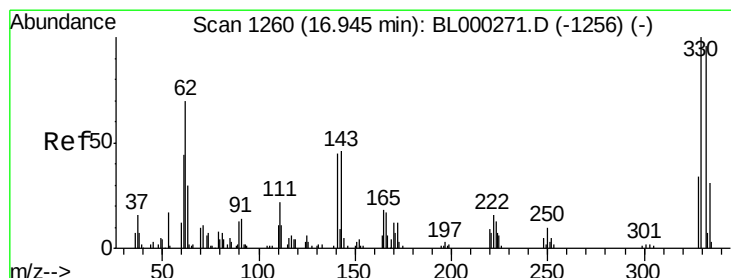
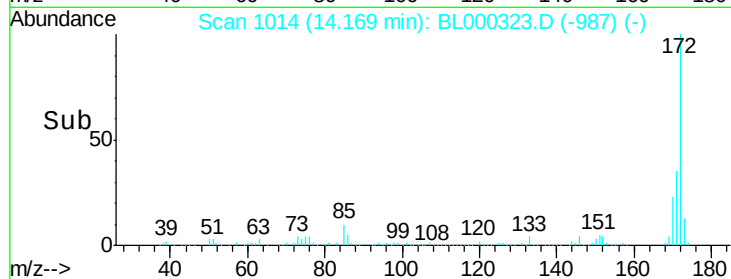
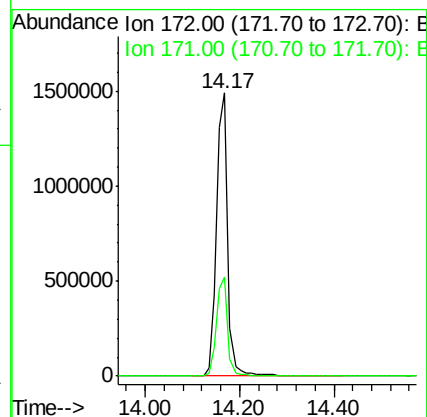
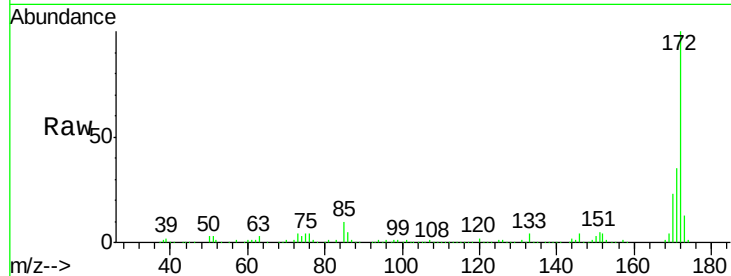
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





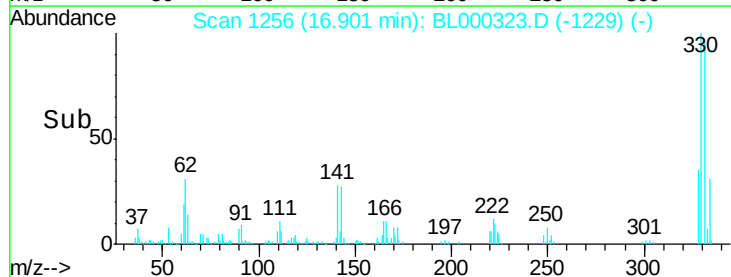
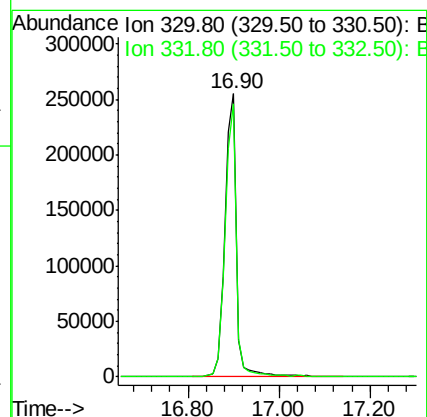
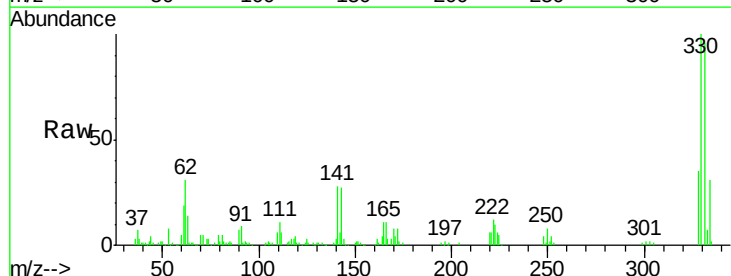
#43
 2-Fluorobiphenyl
 Concen: 98.43 ug/ml
 RT: 14.17 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BL000323.D
 Acq: 21 Jun 2011 21:39

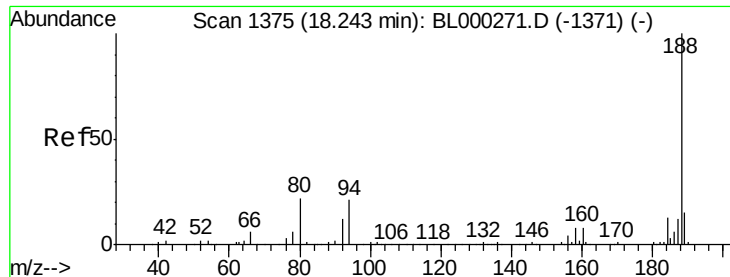
Tgt Ion:172 Resp: 2517975
 Ion Ratio Lower Upper
 172 100
 171 35.2 16.0 56.0



#61
 2,4,6-Tribromophenol
 Concen: 178.79 ug/ml
 RT: 16.90 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: BL000323.D
 Acq: 21 Jun 2011 21:39

Tgt Ion:330 Resp: 449519
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5





#62

Phenanthrene-d10

Concen: 40.00 ug/ml

RT: 18.19 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BL000323.D

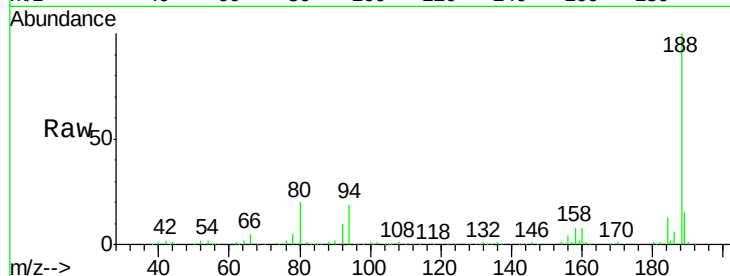
Acq: 21 Jun 2011 21:39

Tgt Ion:188 Resp: 912309

Ion Ratio Lower Upper

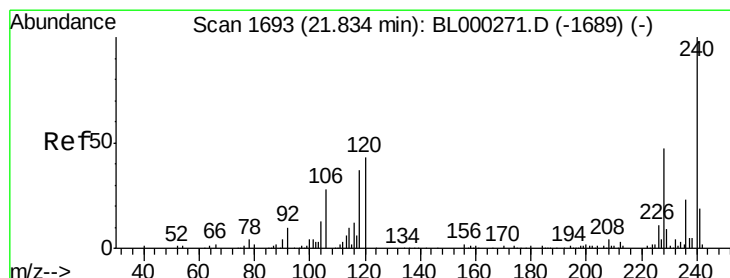
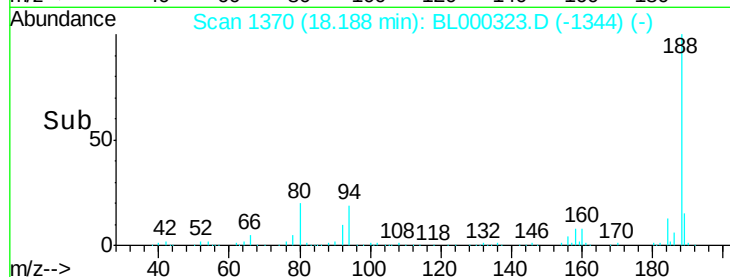
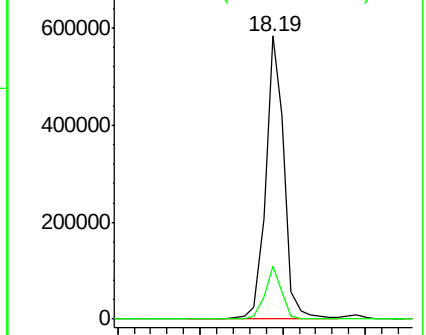
188 100

94 18.9 0.0 39.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BL0



#78

Chrysene-d12

Concen: 40.00 ug/ml

RT: 21.79 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BL000323.D

Acq: 21 Jun 2011 21:39

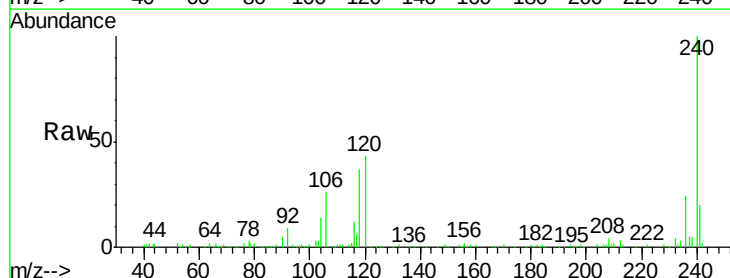
Tgt Ion:240 Resp: 428084

Ion Ratio Lower Upper

240 100

120 42.8 16.3 56.3

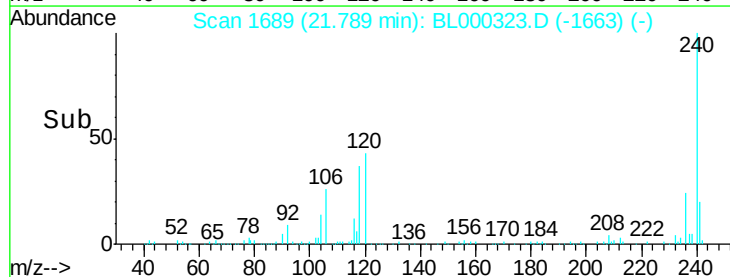
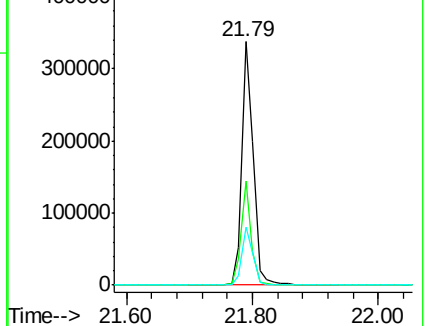
236 23.7 3.9 43.9

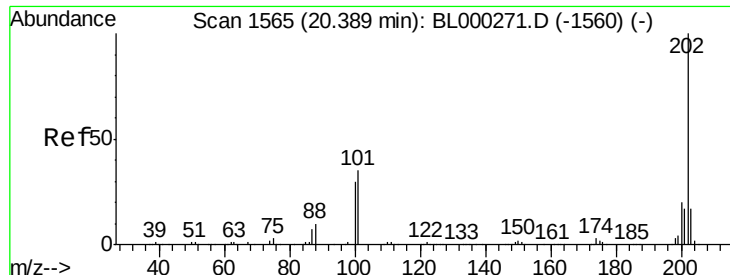


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

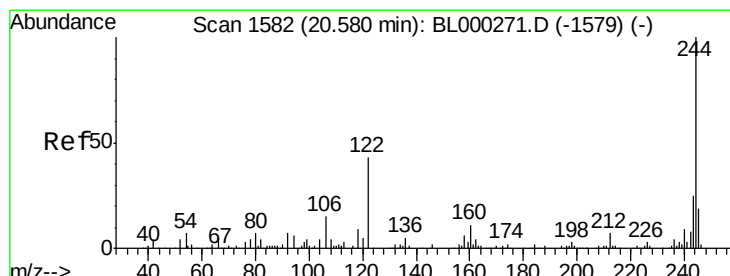
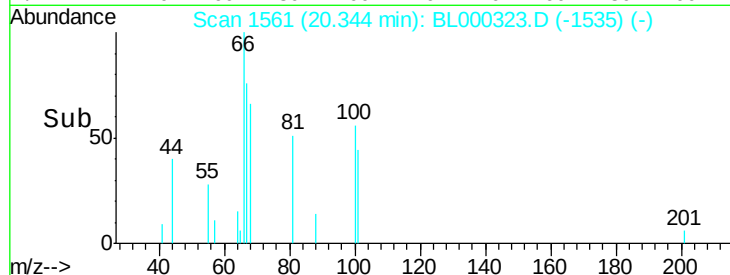
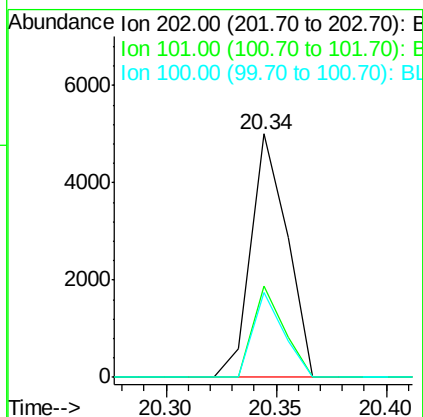
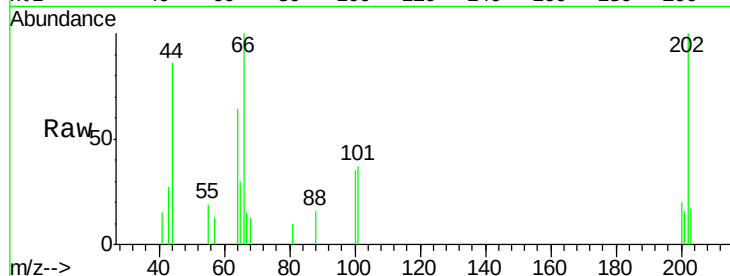
Ion 236.00 (235.70 to 236.70): E





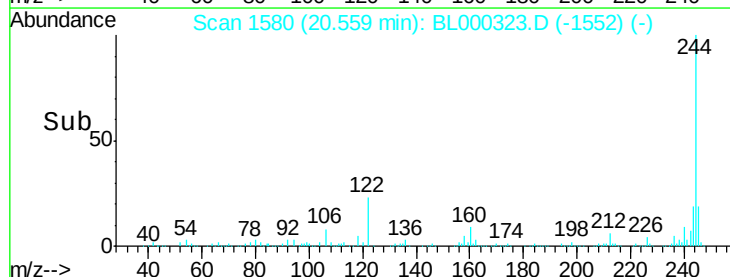
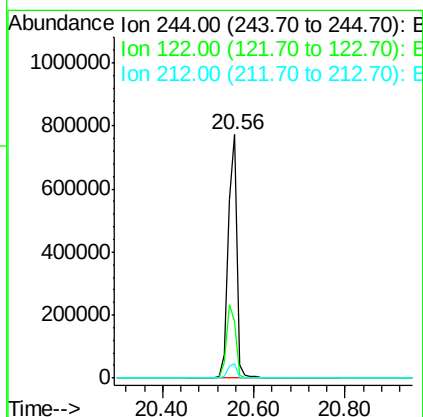
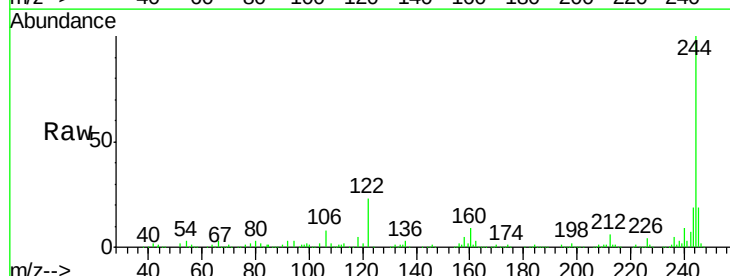
#79
 Pyrene
 Concen: 1.68 ug/ml
 RT: 20.34 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BL000323.D
 Acq: 21 Jun 2011 21:39

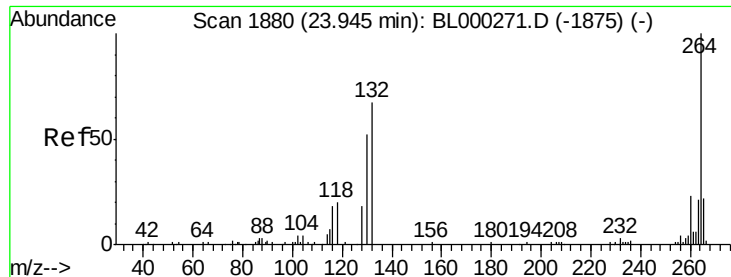
Tgt Ion: 202 Resp: 5731
 Ion Ratio Lower Upper
 202 100
 101 37.4 14.4 54.4
 100 34.8 9.0 49.0



#80
 Terphenyl-d14
 Concen: 136.39 ug/ml
 RT: 20.56 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: BL000323.D
 Acq: 21 Jun 2011 21:39

Tgt Ion: 244 Resp: 1022546
 Ion Ratio Lower Upper
 244 100
 122 23.4 18.3 58.3
 212 6.2 0.0 27.0

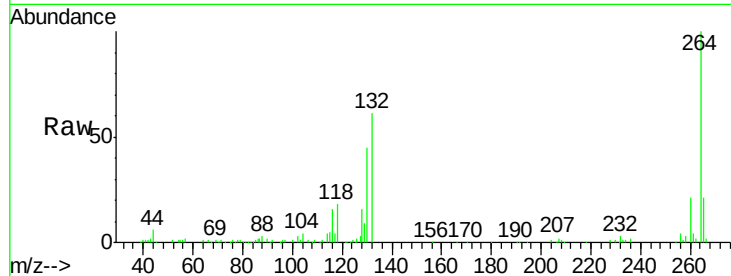




#86
Perylene-d12
Concen: 40.00 ug/ml
RT: 23.87 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BL000323.D
Acq: 21 Jun 2011 21:39

Tgt Ion: 264 Resp: 327203

Ion	Ratio	Lower	Upper
264	100		
260	21.0	2.7	42.7
265	21.0	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

