

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041315\
 Data File : BM000953.D
 Acq On : 13 Apr 2015 17:10
 Operator : TP/IZ
 Sample : G1757-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW03

Quant Time: Apr 14 15:56:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 16:15:17 2015
 Response via : Initial Calibration

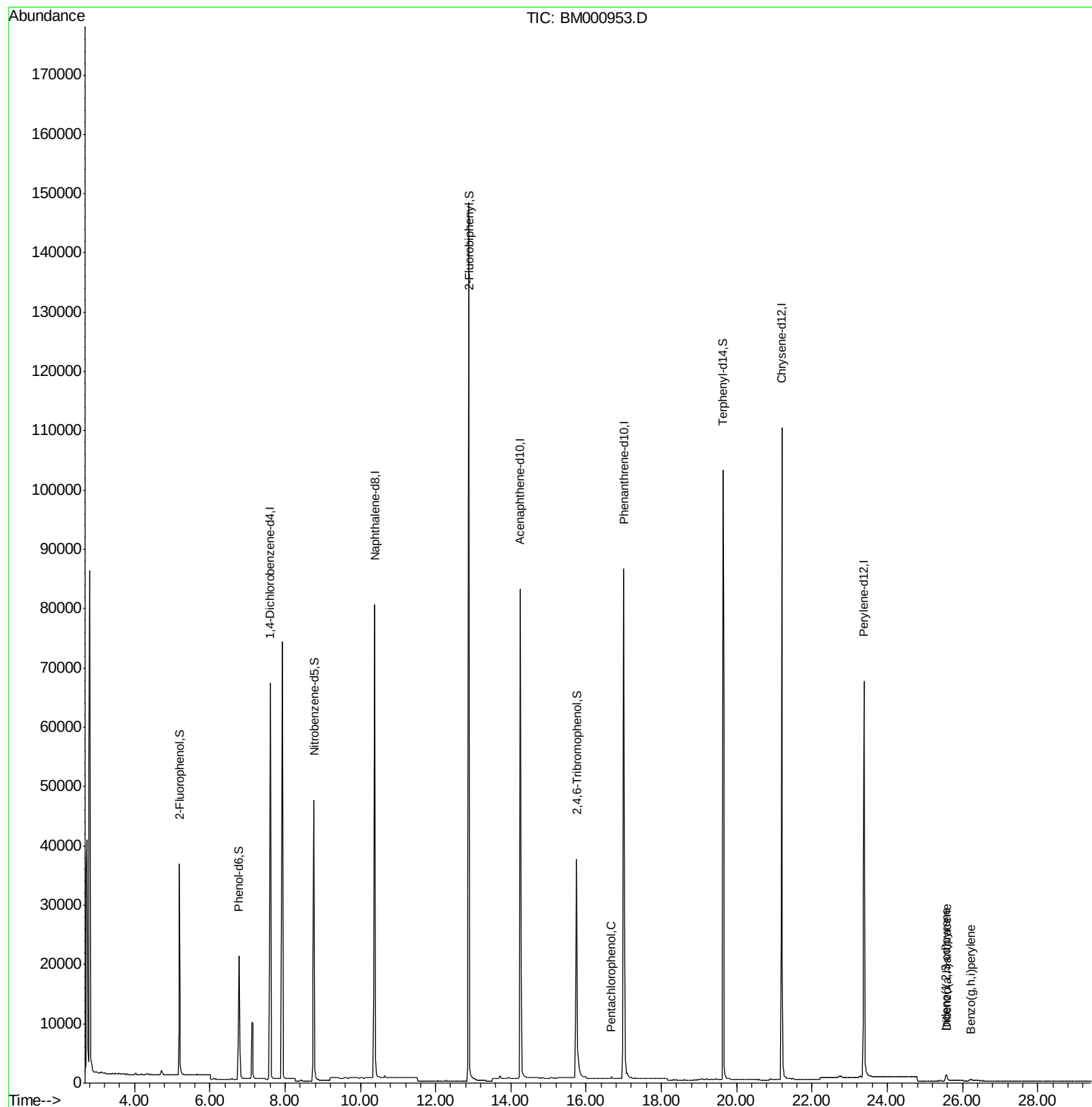
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	34097	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	126553	5.00	ng	0.00
17) Acenaphthene-d10	14.25	164	57152	5.00	ng	0.00
24) Phenanthrene-d10	16.99	188	124209	5.00	ng	0.00
30) Chrysene-d12	21.20	240	101997	5.00	ng	0.00
38) Perylene-d12	23.38	264	90173	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	28649	3.97	ng	-0.02
5) Phenol-d6	6.78	99	23510	2.72	ng	0.00
9) Nitrobenzene-d5	8.76	82	45943	7.52	ng	0.00
18) 2,4,6-Tribromophenol	15.75	330	31119	13.05	ng	0.00
19) 2-Fluorobiphenyl	12.88	172	154324	9.64	ng	0.00
33) Terphenyl-d14	19.64	244	138639	11.16	ng	0.00
Target Compounds						
26) Pentachlorophenol	16.67	266	403	0.32	ng	Qvalue 88
37) Indeno(1,2,3-cd)pyrene	25.56	276	1335	0.04	ng	99
42) Dibenzo(a,h)anthracene	25.58	278	1336	0.06	ng	# 61
43) Benzo(g,h,i)perylene	26.22	276	693	0.03	ng	# 65

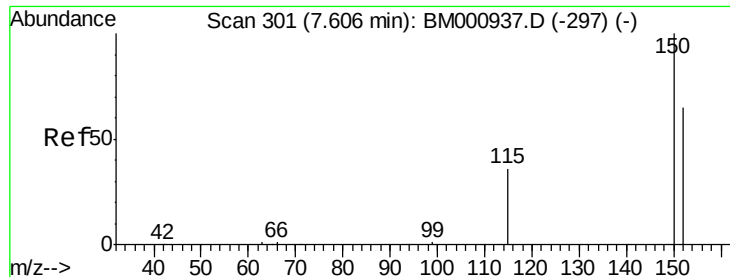
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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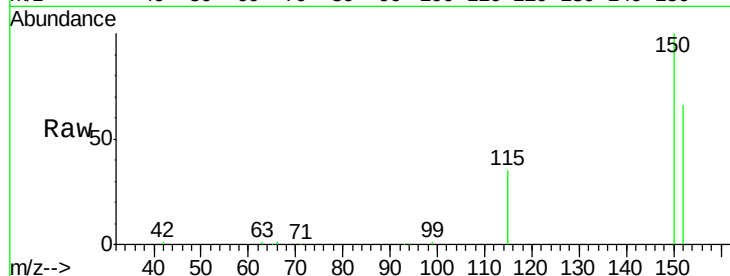




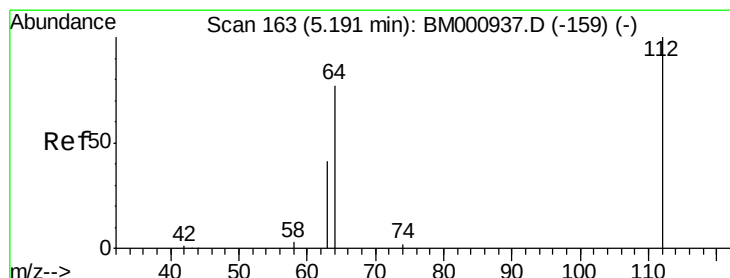
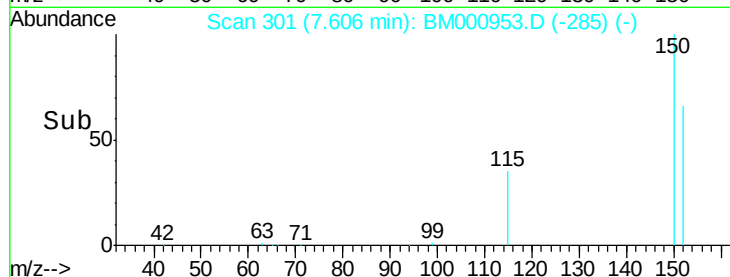
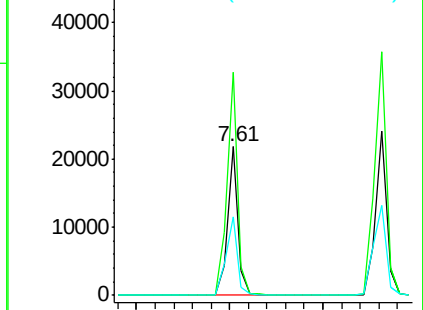
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.61 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BM000953.D
 Acq: 13 Apr 2015 17:10

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW03

Tgt Ion:152 Resp: 34097
 Ion Ratio Lower Upper
 152 100
 150 150.8 125.4 188.2
 115 53.1 45.9 68.9

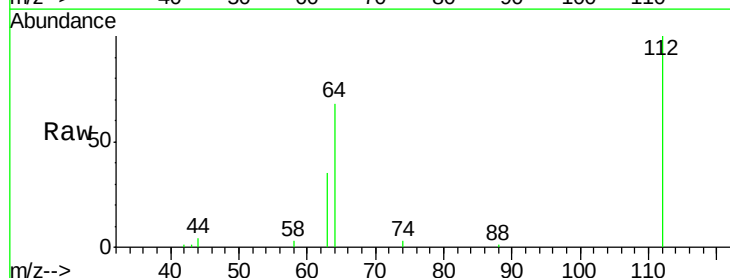


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

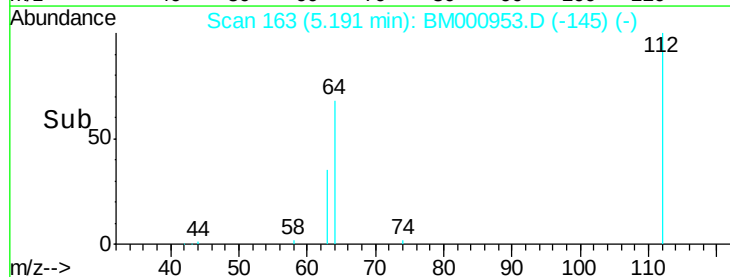
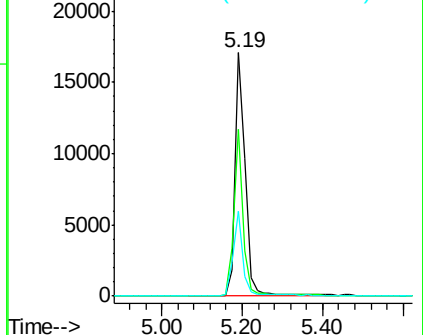


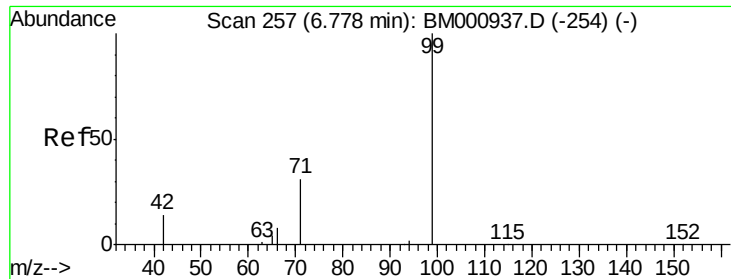
#4
 2-Fluorophenol
 Concen: 3.97 ng
 RT: 5.19 min Scan# 163
 Delta R.T. -0.02 min
 Lab File: BM000953.D
 Acq: 13 Apr 2015 17:10

Tgt Ion:112 Resp: 28649
 Ion Ratio Lower Upper
 112 100
 64 68.4 31.8 47.8#
 63 34.9 14.5 21.7#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 2.72 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000953.D

Acq: 13 Apr 2015 17:10

Instrument :

BNA_M

ClientSampleId :

LS-SW03

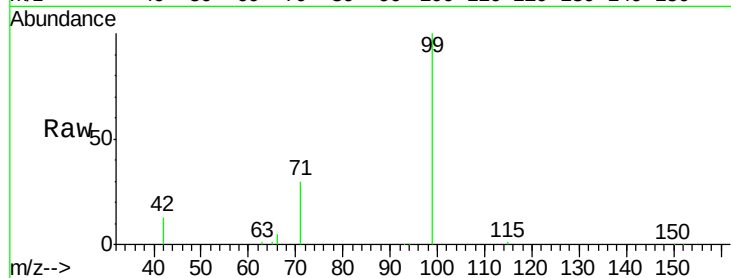
Tgt Ion: 99 Resp: 23510

Ion Ratio Lower Upper

99 100

42 12.9 14.1 21.1#

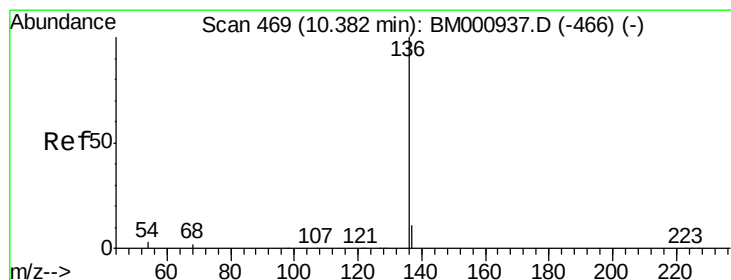
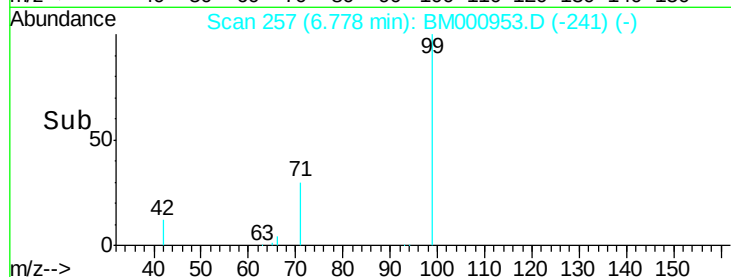
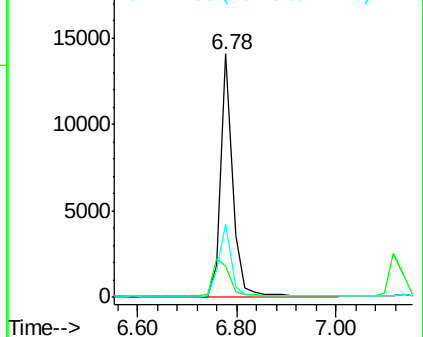
71 30.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM000953.D (-254) (-)

Ion 42.00 (41.70 to 42.70): BM000953.D (-254) (-)

Ion 71.00 (70.70 to 71.70): BM000953.D (-254) (-)



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM000953.D

Acq: 13 Apr 2015 17:10

Tgt Ion: 136 Resp: 126553

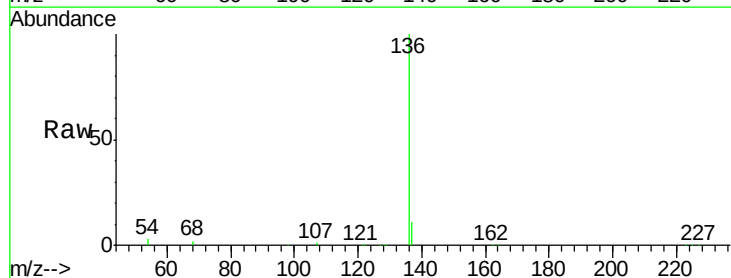
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 3.1 2.9 4.3

68 2.3 2.2 3.2

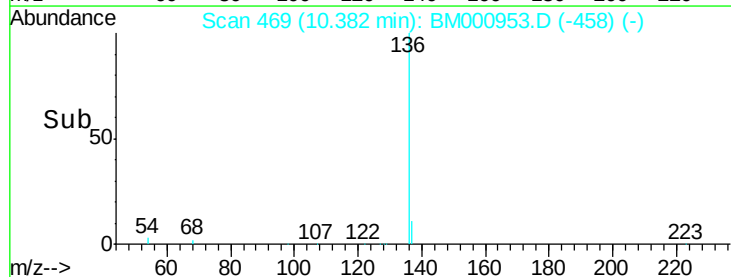
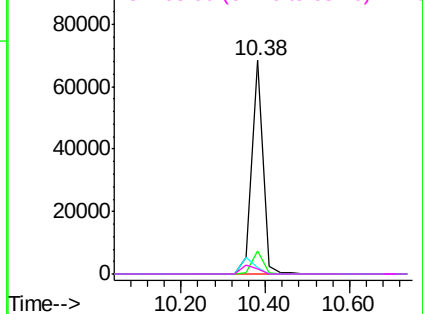


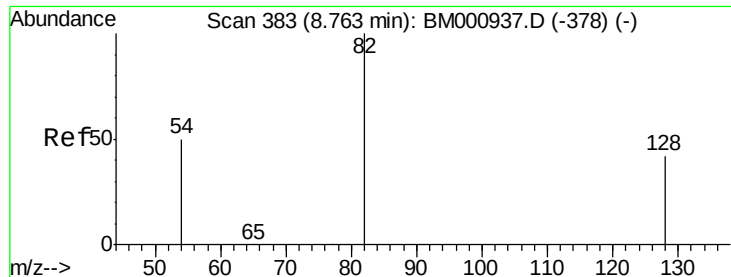
Abundance Ion 136.00 (135.70 to 136.70): BM000953.D (-466) (-)

Ion 137.00 (136.70 to 137.70): BM000953.D (-466) (-)

Ion 54.00 (53.70 to 54.70): BM000953.D (-466) (-)

Ion 68.00 (67.70 to 68.70): BM000953.D (-466) (-)





#9

Nitrobenzene-d5

Concen: 7.52 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000953.D

Acq: 13 Apr 2015 17:10

Instrument :

BNA_M

ClientSampleId :

LS-SW03

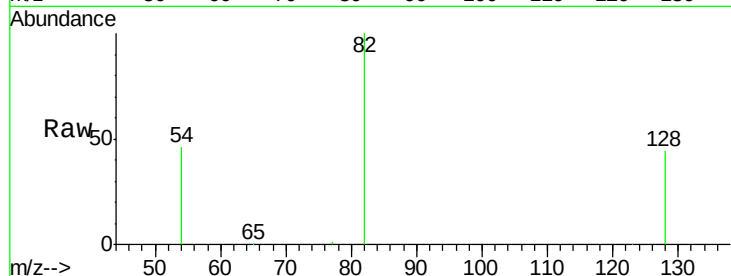
Tgt Ion: 82 Resp: 45943

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.0

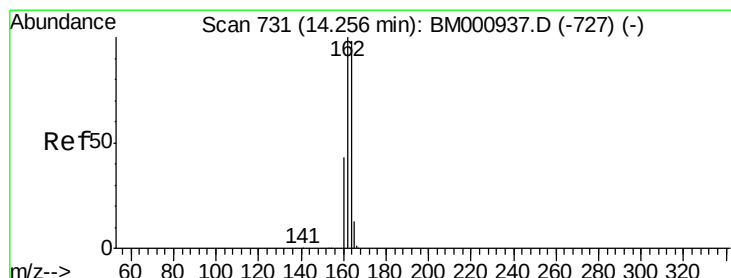
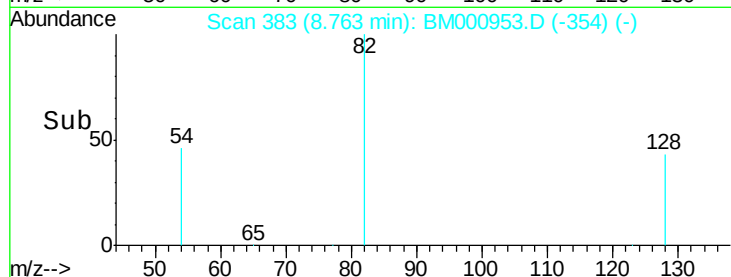
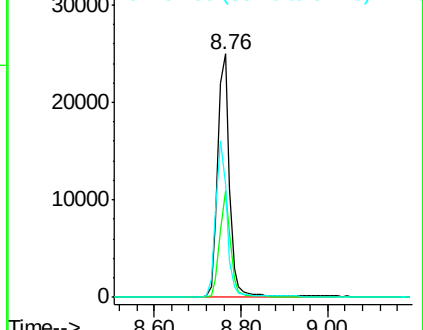
54 46.2 40.5 60.7



Abundance Ion 82.00 (81.70 to 82.70): BM000937.D (-378) (-)

Ion 128.00 (127.70 to 128.70): BM000937.D (-378) (-)

Ion 54.00 (53.70 to 54.70): BM000937.D (-378) (-)



#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 730

Delta R.T. 0.00 min

Lab File: BM000953.D

Acq: 13 Apr 2015 17:10

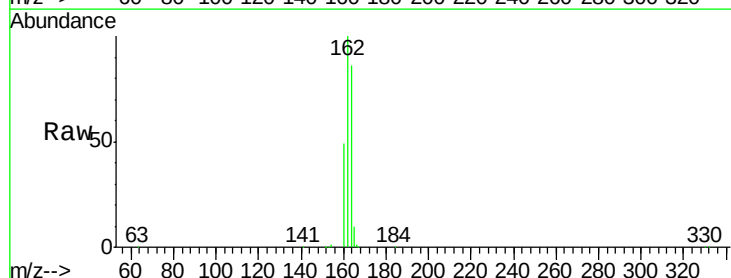
Tgt Ion: 164 Resp: 57152

Ion Ratio Lower Upper

164 100

162 116.0 96.1 144.1

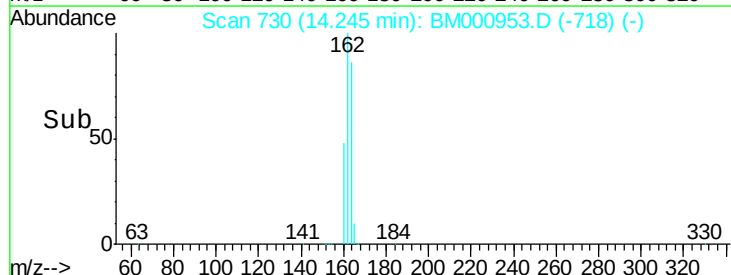
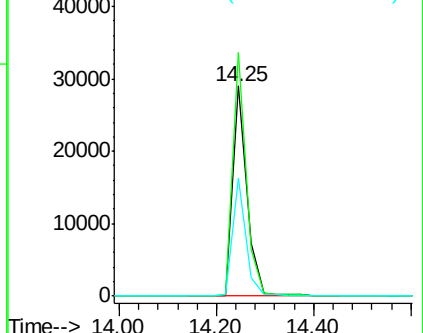
160 56.5 48.2 72.2

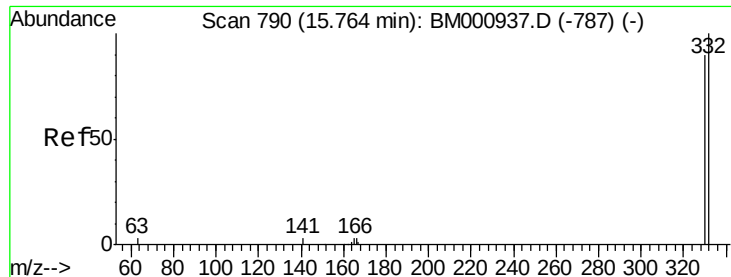


Abundance Ion 164.00 (163.70 to 164.70): BM000937.D (-727) (-)

Ion 162.00 (161.70 to 162.70): BM000937.D (-727) (-)

Ion 160.00 (159.70 to 160.70): BM000937.D (-727) (-)

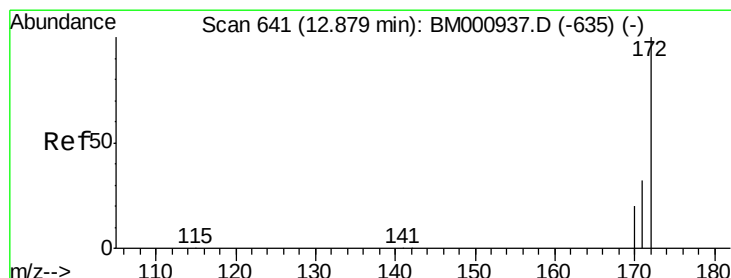
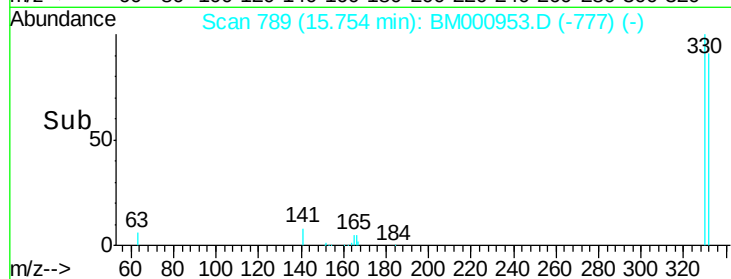
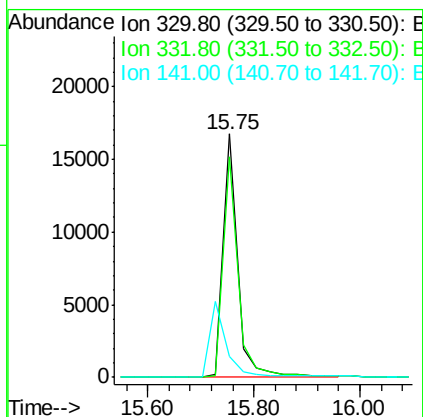
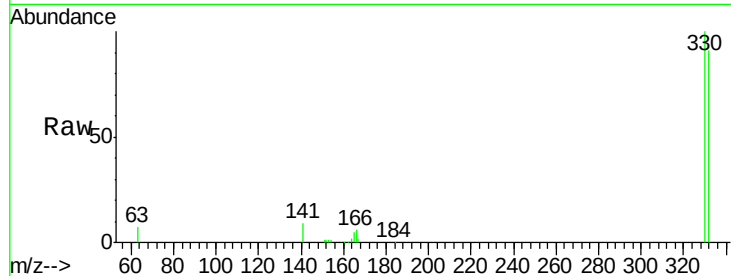




#18
 2,4,6-Tribromophenol
 Concen: 13.05 ng
 RT: 15.75 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BM000953.D
 Acq: 13 Apr 2015 17:10

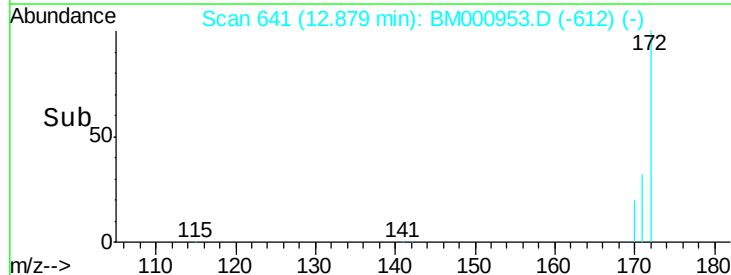
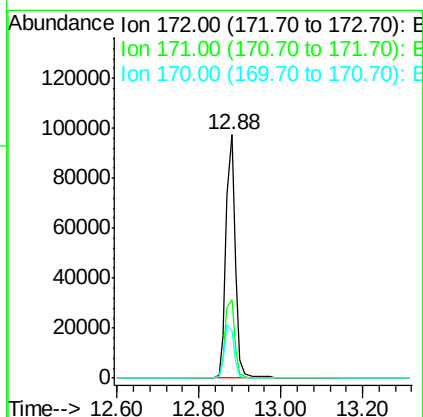
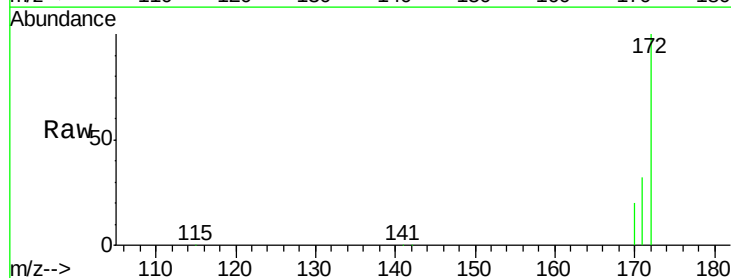
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW03

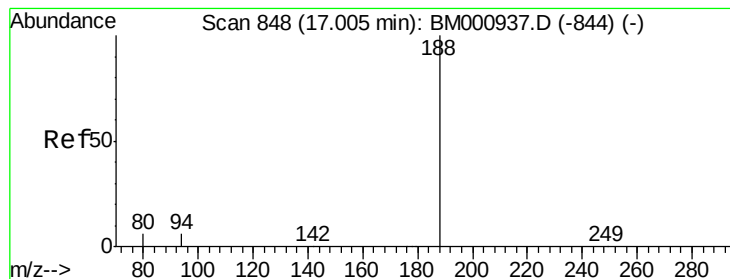
Tgt Ion:330 Resp: 31119
 Ion Ratio Lower Upper
 330 100
 332 93.4 75.4 113.2
 141 0.0 0.0 0.0



#19
 2-Fluorobiphenyl
 Concen: 9.64 ng
 RT: 12.88 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BM000953.D
 Acq: 13 Apr 2015 17:10

Tgt Ion:172 Resp: 154324
 Ion Ratio Lower Upper
 172 100
 171 32.0 26.7 40.1
 170 19.8 17.0 25.4





#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.99 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM000953.D

Acq: 13 Apr 2015 17:10

Instrument :

BNA_M

ClientSampleId :

LS-SW03

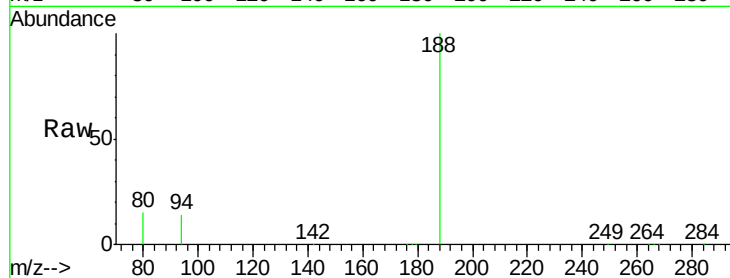
Tgt Ion:188 Resp: 124209

Ion Ratio Lower Upper

188 100

94 13.7 12.2 18.4

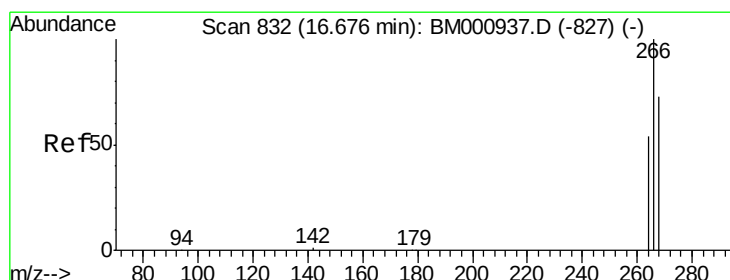
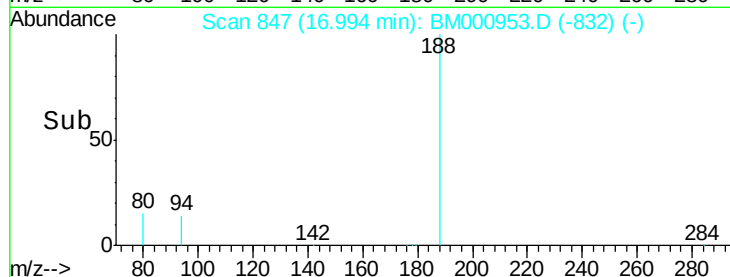
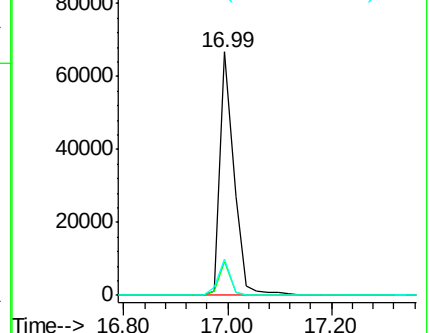
80 14.9 13.4 20.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#26

Pentachlorophenol

Concen: 0.32 ng

RT: 16.67 min Scan# 831

Delta R.T. 0.00 min

Lab File: BM000953.D

Acq: 13 Apr 2015 17:10

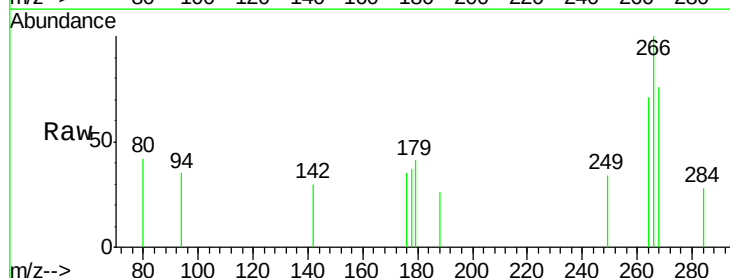
Tgt Ion:266 Resp: 403

Ion Ratio Lower Upper

266 100

268 75.9 53.0 79.4

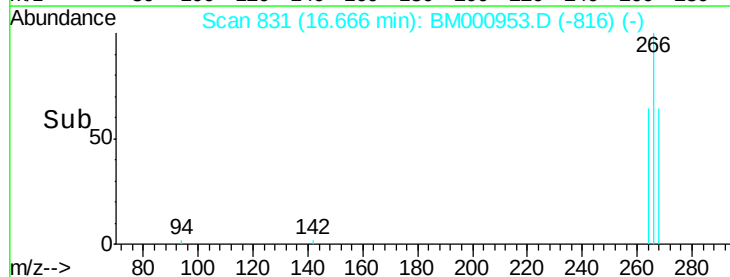
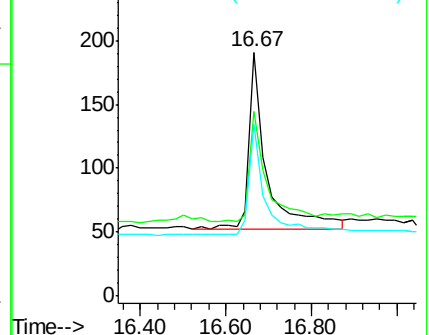
264 70.7 49.4 74.0

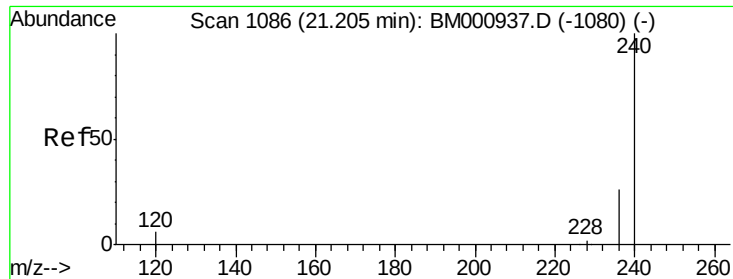


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#30

Chrysene-d12

Concen: 5.00 ng

RT: 21.20 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BM000953.D

Acq: 13 Apr 2015 17:10

Instrument :

BNA_M

ClientSampled :

LS-SW03

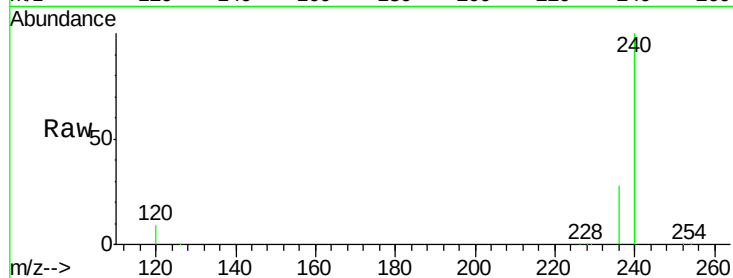
Tgt Ion:240 Resp: 101997

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

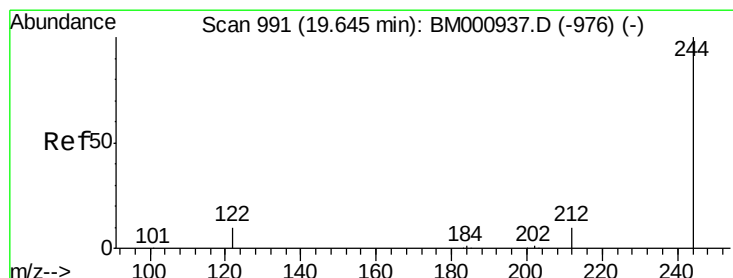
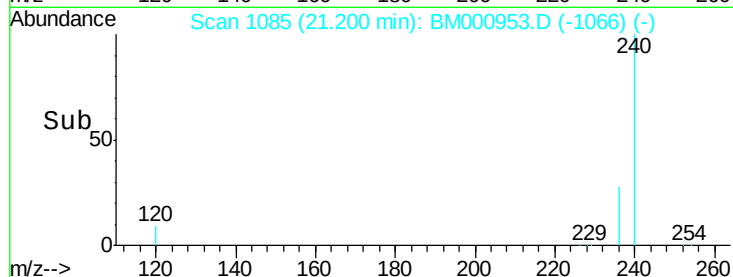
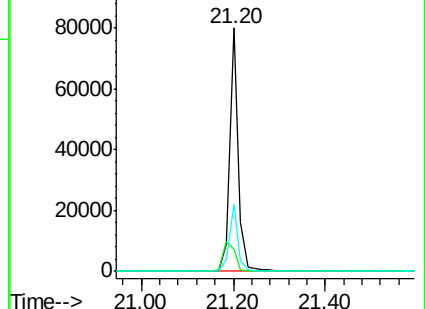
236 27.8 22.1 33.1



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



#33

Terphenyl-d14

Concen: 11.16 ng

RT: 19.64 min Scan# 990

Delta R.T. 0.00 min

Lab File: BM000953.D

Acq: 13 Apr 2015 17:10

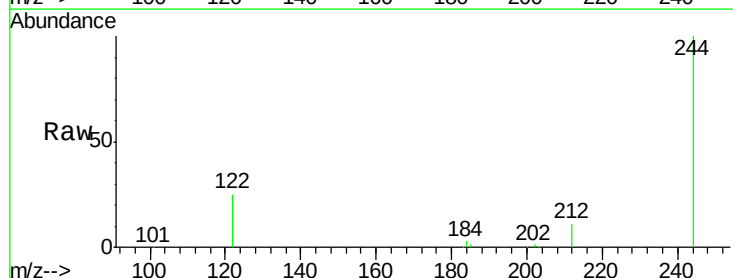
Tgt Ion:244 Resp: 138639

Ion Ratio Lower Upper

244 100

212 10.9 9.4 14.0

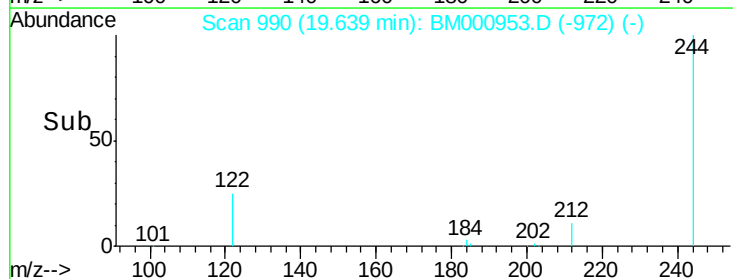
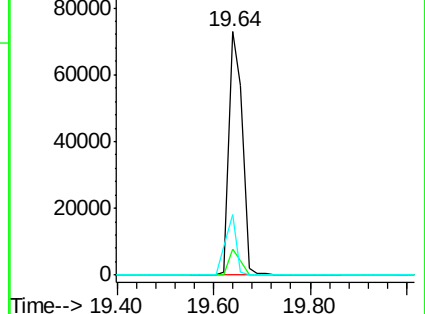
122 24.8 20.9 31.3

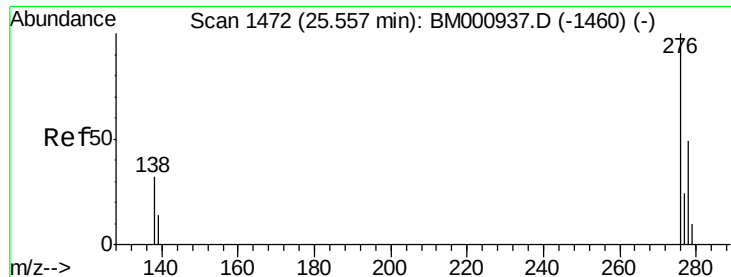


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

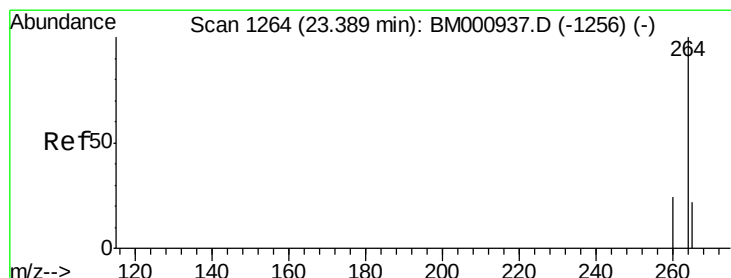
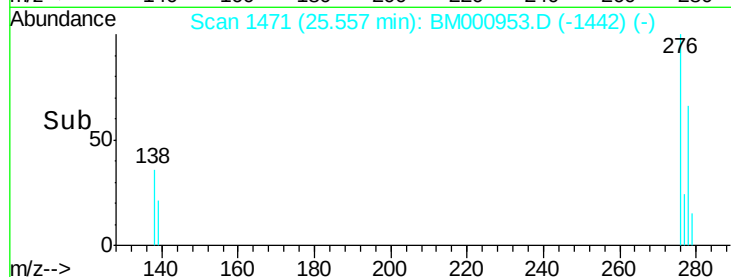
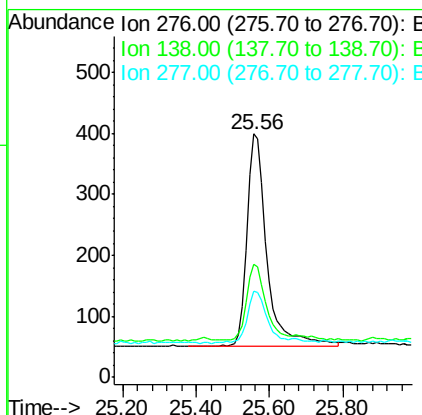
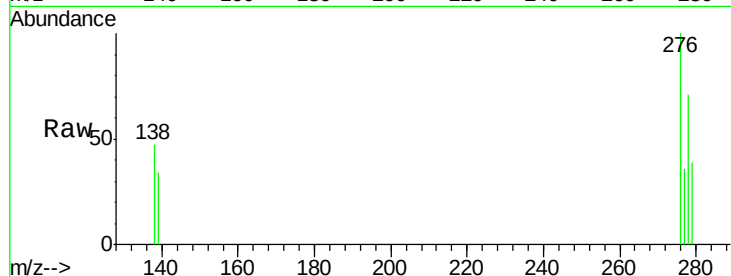




#37
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng
 RT: 25.56 min Scan# 1471
 Delta R.T. 0.00 min
 Lab File: BM000953.D
 Acq: 13 Apr 2015 17:10

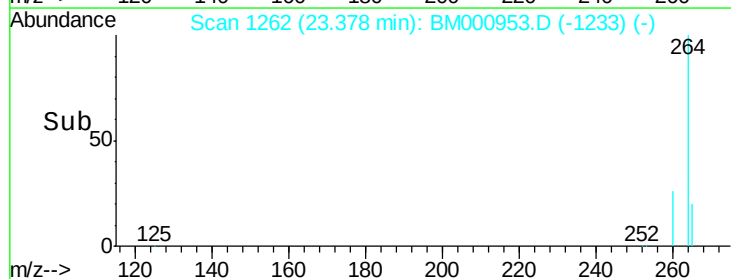
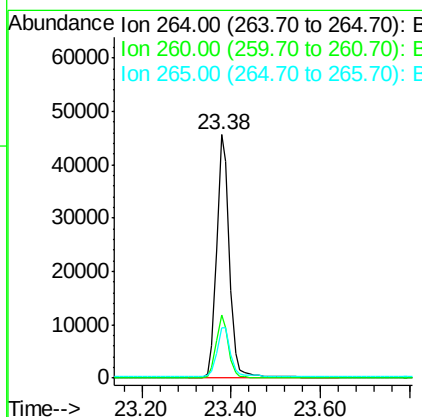
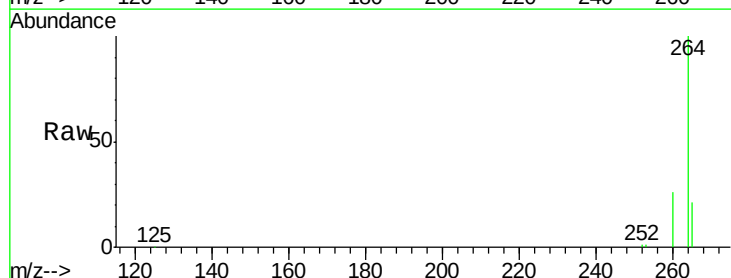
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW03

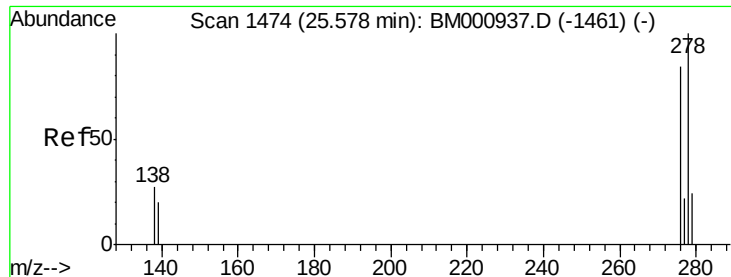
Tgt Ion: 276 Resp: 1335
 Ion Ratio Lower Upper
 276 100
 138 33.6 26.6 40.0
 277 23.6 19.8 29.6



#38
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.38 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BM000953.D
 Acq: 13 Apr 2015 17:10

Tgt Ion: 264 Resp: 90173
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.6 30.8
 265 20.6 16.4 24.6





#42

Dibenzo(a,h)anthracene

Concen: 0.06 ng

RT: 25.58 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BM000953.D

Acq: 13 Apr 2015 17:10

Instrument :

BNA_M

ClientSampleId :

LS-SW03

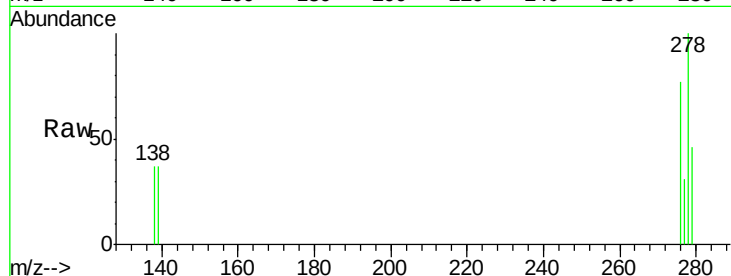
Tgt Ion: 278 Resp: 1336

Ion Ratio Lower Upper

278 100

139 37.3 17.8 26.8#

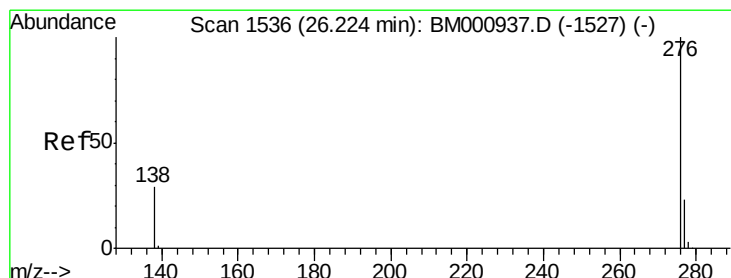
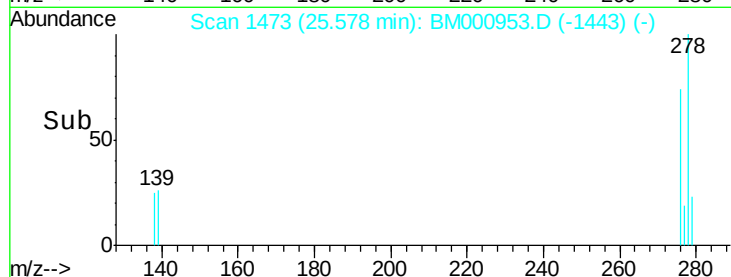
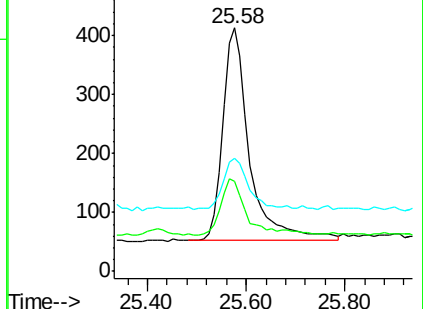
279 46.2 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#43

Benzo(g,h,i)perylene

Concen: 0.03 ng

RT: 26.22 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM000953.D

Acq: 13 Apr 2015 17:10

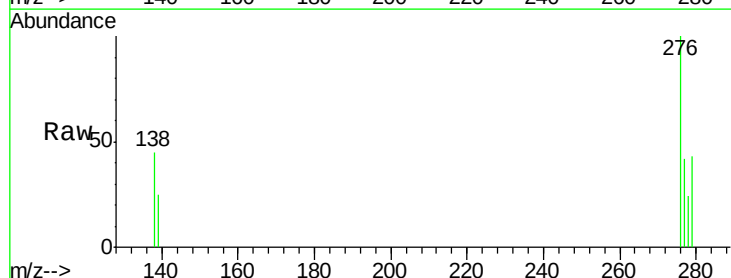
Tgt Ion: 276 Resp: 693

Ion Ratio Lower Upper

276 100

277 41.8 19.4 29.0#

138 45.4 21.7 32.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

