

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
 Data File : BM004518.D
 Acq On : 02 Mar 2016 13:56
 Operator : SJ/UM
 Sample : H1509-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Quant Time: Mar 02 15:42:07 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 14:46:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	18107	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	71627	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	38740	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	91455	5.00	ng	0.00
26) Chrysene-d12	21.23	240	70039	5.00	ng	0.00
35) Perylene-d12	23.45	264	66007	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	11051	2.92	ng	-0.02
5) Phenol-d6	6.81	99	7775	1.65	ng	-0.02
8) Nitrobenzene-d5	8.78	82	15336	4.03	ng	-0.01
14) 2,4,6-Tribromophenol	15.77	330	12785	8.94	ng	-0.02
15) 2-Fluorobiphenyl	12.88	172	57376	4.76	ng	0.00
29) Terphenyl-d14	19.67	244	52824	5.09	ng	0.00

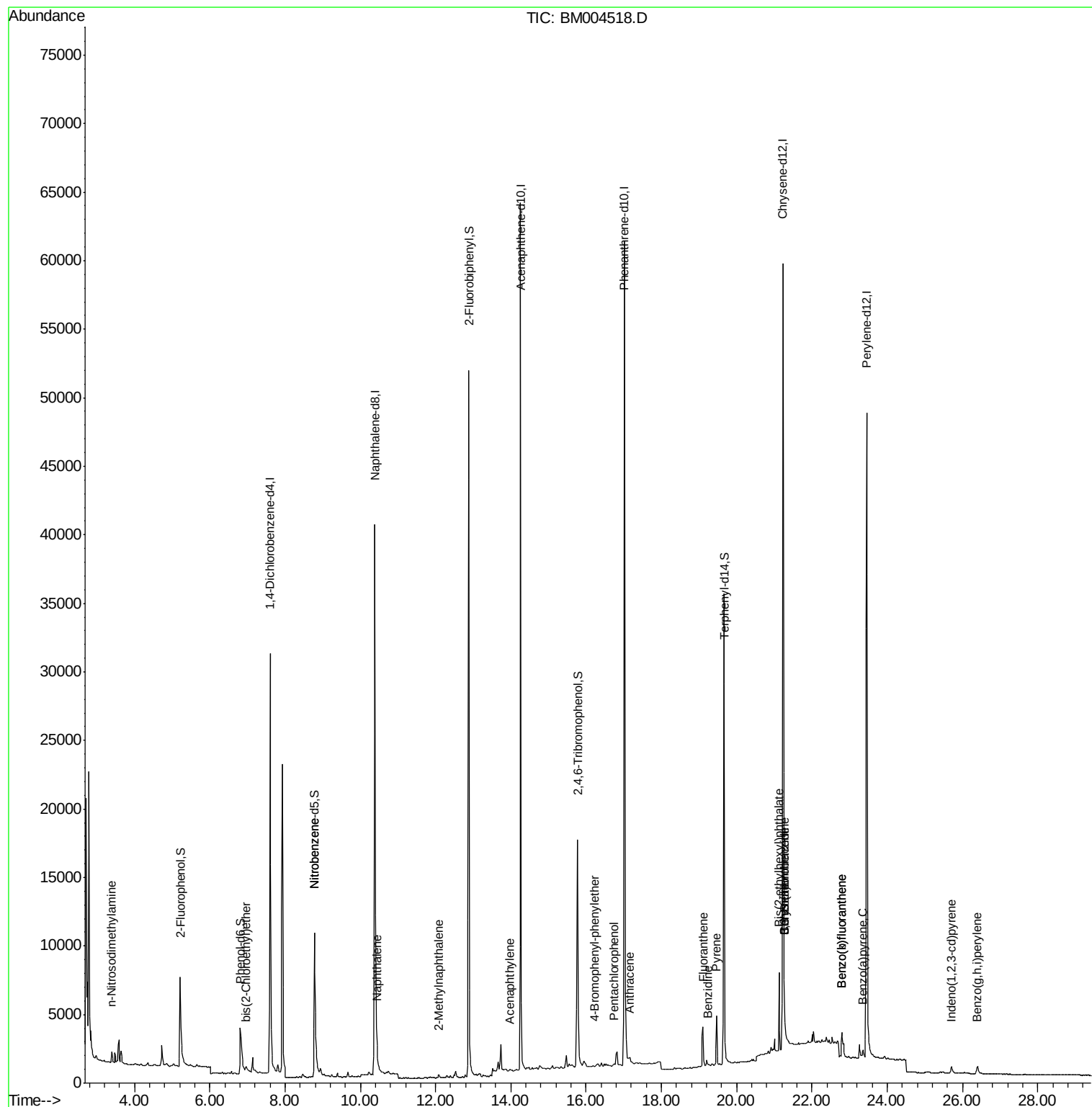
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.40	42	51	0.04	ng	# 1
6) bis(2-Chloroethyl)ether	6.97	93	1176	0.36	ng	# 29
9) Nitrobenzene	8.78	77	33	0.19	ng	# 26
10) Naphthalene	10.44	128	931	0.05	ng	# 37
12) 2-Methylnaphthalene	12.08	142	220	0.02	ng	# 56
16) Acenaphthylene	13.97	152	192	0.11	ng	# 79
17) Acenaphthene	14.26	154	186	Below Cal		# 5
18) Fluorene	15.33	166	119	Below Cal		# 89
20) 4-Bromophenyl-phenylether	16.22	248	2	0.13	ng	# 1
21) Hexachlorobenzene	16.35	284	3	Below Cal		# 100
22) Pentachlorophenol	16.73	266	101	0.33	ng	# 87
23) Phenanthrene	17.06	178	1573	Below Cal		# 87
24) Anthracene	17.16	178	583	0.21	ng	# 92
25) Fluoranthene	19.11	202	4152	0.13	ng	# 95
27) Benzidine	19.23	184	69	0.36	ng	# 1
28) Pyrene	19.47	202	3887	0.13	ng	# 97
30) Benzo(a)anthracene	21.27	228	5415	0.28	ng	# 90
31) 3,3'-Dichlorobenzidine	21.27	252	165	0.02	ng	# 1
32) Chrysene	21.27	228	5548	0.09	ng	# 88
33) Bis(2-ethylhexyl)phthalate	21.12	149	7192	0.60	ng	# 94
34) Indeno(1,2,3-cd)pyrene	25.72	276	881	0.04	ng	# 98
36) Benzo(b)fluoranthene	22.80	252	5098	0.04	ng	# 40
37) Benzo(k)fluoranthene	22.80	252	4590	0.18	ng	# 40
38) Benzo(a)pyrene	23.36	252	875	0.04	ng	# 1
40) Benzo(g,h,i)perylene	26.39	276	1142	0.06	ng	# 56

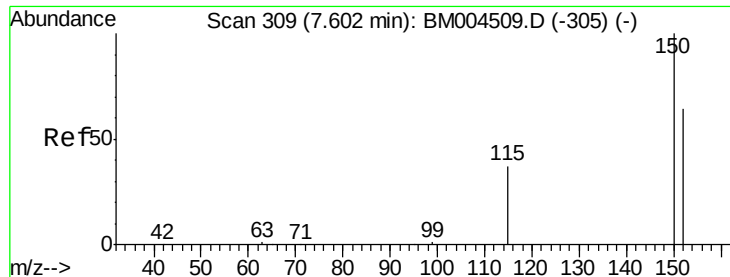
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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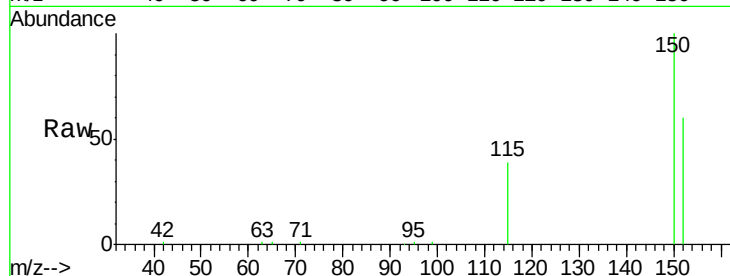


#1

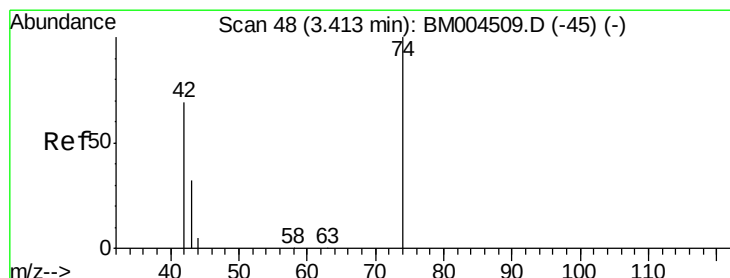
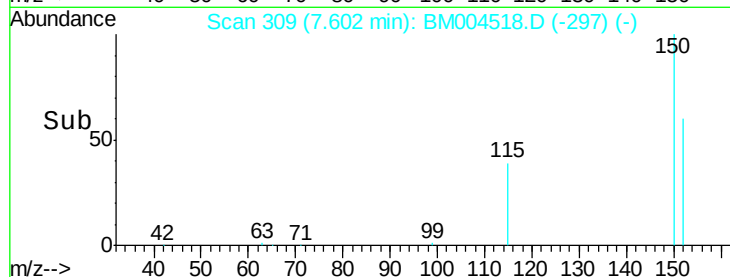
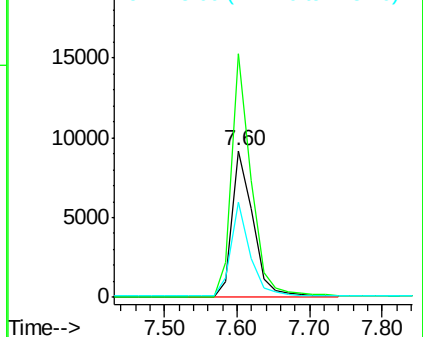
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampled :
MW-4

Tot Ion:152 Resp: 18107
Ion Ratio Lower Upper
152 100
150 165.7 134.2 201.2
115 64.9 52.2 78.4



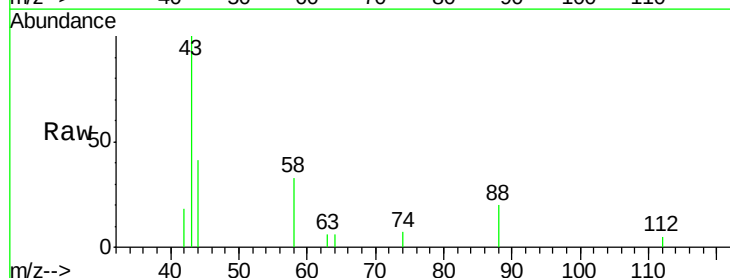
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



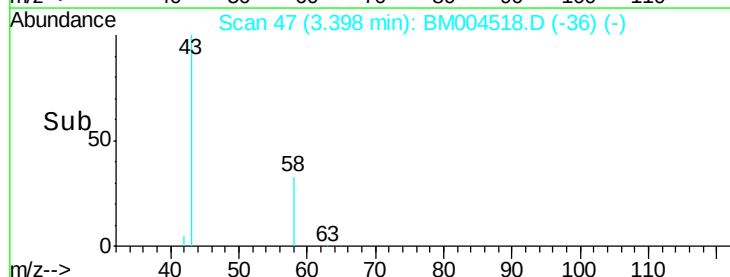
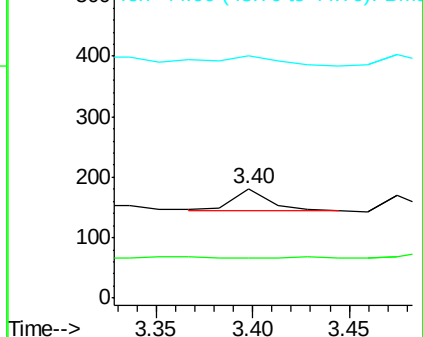
#3

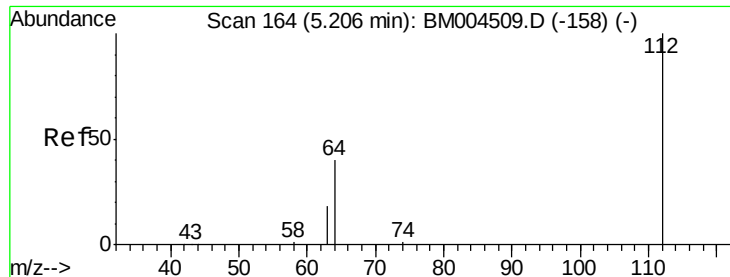
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.40 min Scan# 47
Delta R.T. -0.03 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion: 42 Resp: 51
Ion Ratio Lower Upper
42 100
74 0.0 115.5 173.3#
44 52.9 6.2 9.4#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 2.92 ng

RT: 5.22 min Scan# 165

Delta R.T. -0.02 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

Instrument :

BNA_M

ClientSampleId :

MW-4

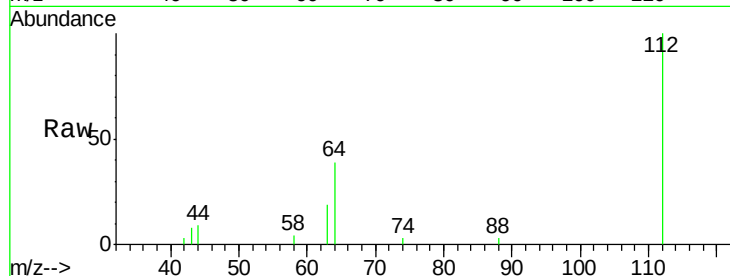
Tot Ion:112 Resp: 11051

Ion Ratio Lower Upper

112 100

64 48.9 37.0 55.6

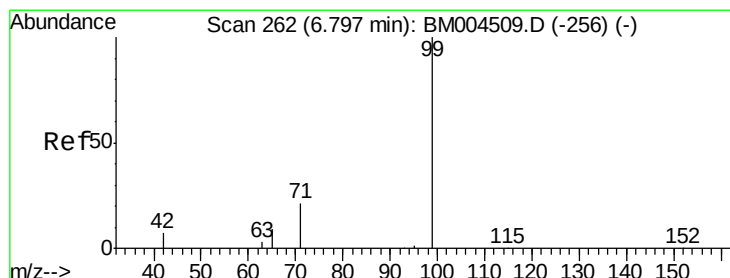
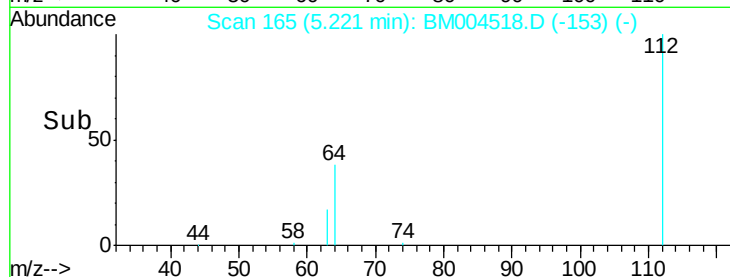
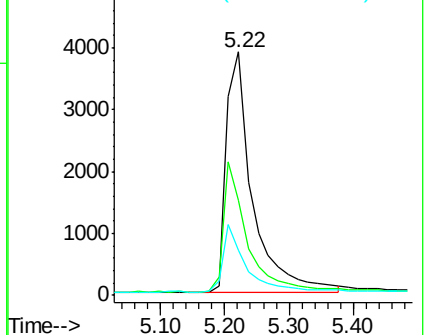
63 24.4 19.0 28.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#5

Phenol-d6

Concen: 1.65 ng

RT: 6.81 min Scan# 263

Delta R.T. -0.02 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

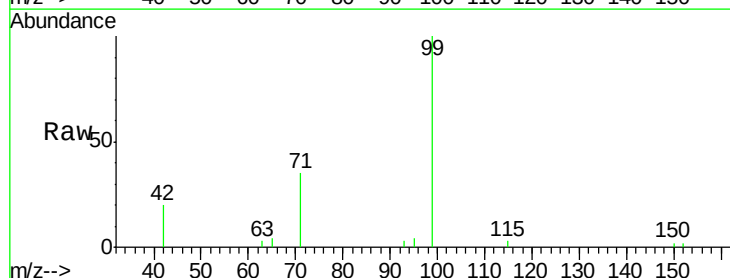
Tgt Ion: 99 Resp: 7775

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.4

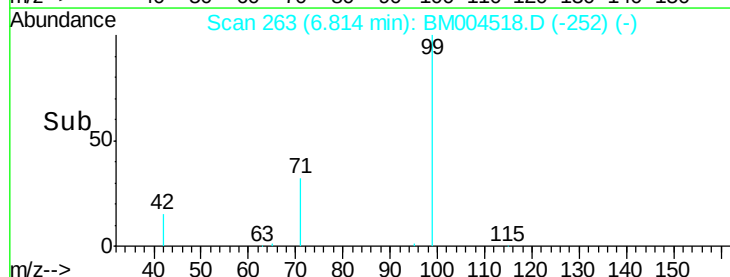
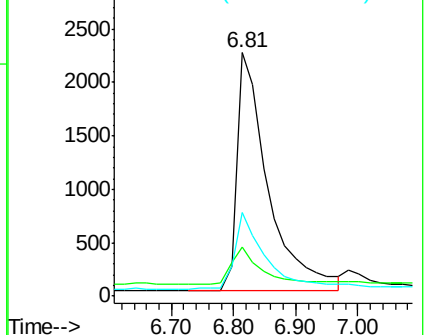
71 31.7 23.4 35.2

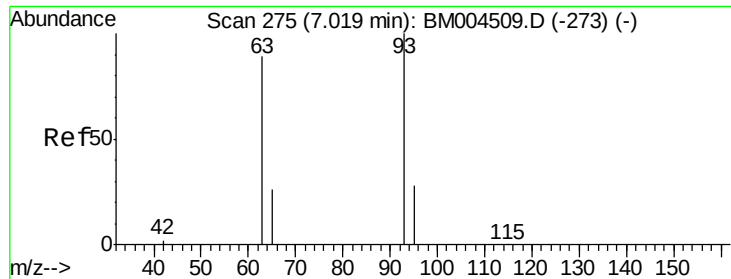


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#6

bis(2-Chloroethyl)ether

Concen: 0.36 ng

RT: 6.97 min Scan# 272

Delta R.T. -0.07 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

Instrument :

BNA_M

ClientSampleId :

MW-4

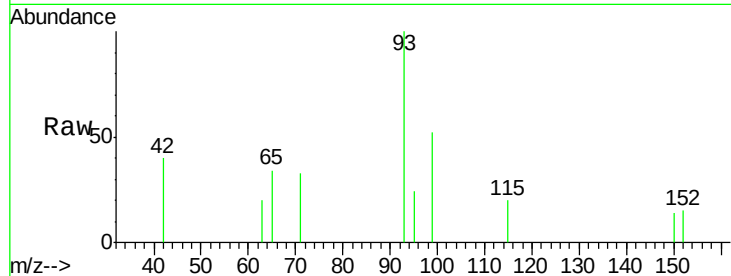
Tot Ion: 93 Resp: 1176

Ion Ratio Lower Upper

93 100

63 2.4 51.1 76.7#

95 0.0 25.0 37.6#



Abundance Ion 93.00 (92.70 to 93.70): BM004509.D (-273) (-)

Ion 63.00 (62.70 to 63.70): BM004509.D (-273) (-)

Ion 95.00 (94.70 to 95.70): BM004509.D (-273) (-)

6.97

400

300

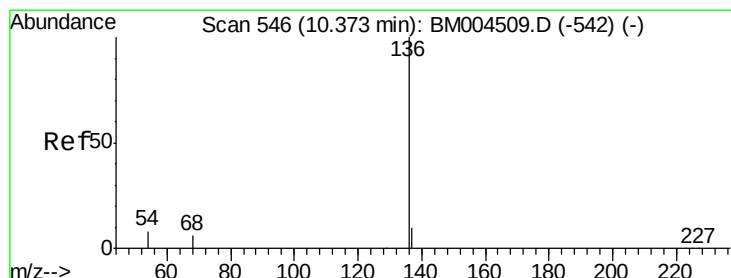
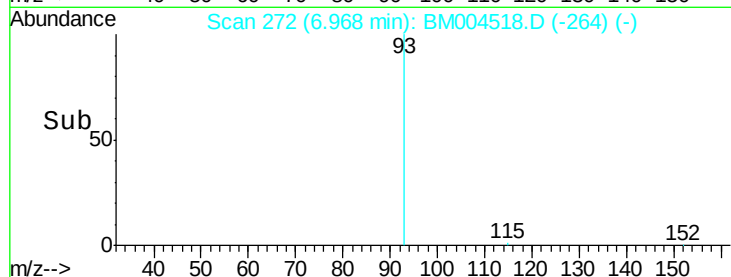
200

100

0

6.80 6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.00 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

Tgt Ion: 136 Resp: 71627

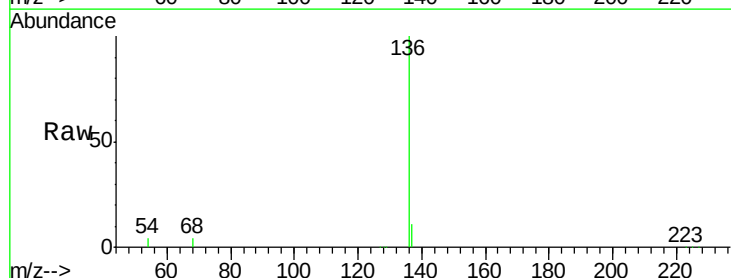
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 4.3 3.3 4.9

68 3.8 2.9 4.3



Abundance Ion 136.00 (135.70 to 136.70): BM004509.D (-542) (-)

Ion 137.00 (136.70 to 137.70): BM004509.D (-542) (-)

Ion 54.00 (53.70 to 54.70): BM004509.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM004509.D (-542) (-)

10.39

50000

40000

30000

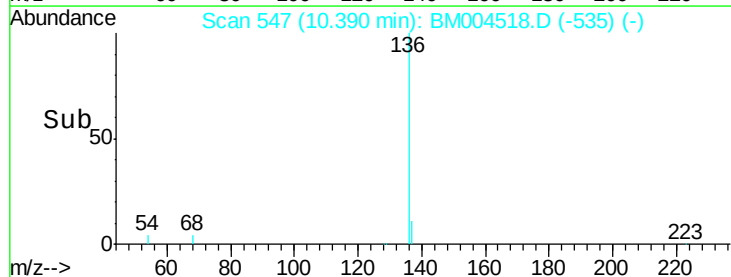
20000

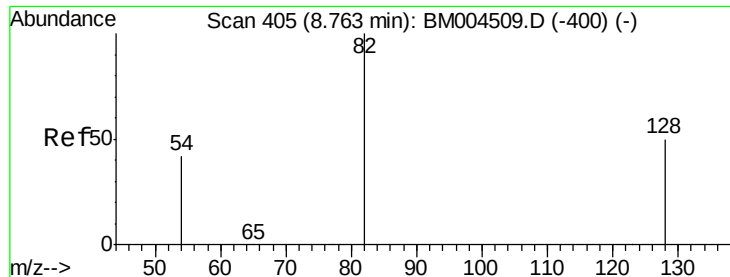
10000

0

10.30 10.40 10.50

Time-->





#8

Nitrobenzene-d5

Concen: 4.03 ng

RT: 8.78 min Scan# 407

Delta R.T. -0.01 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

Instrument :

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ClientSampleId :

MW-4

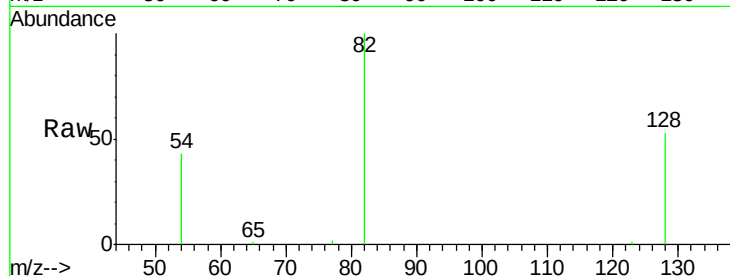
Tot Ion: 82 Resp: 15336

Ion Ratio Lower Upper

82 100

128 52.7 41.9 62.9

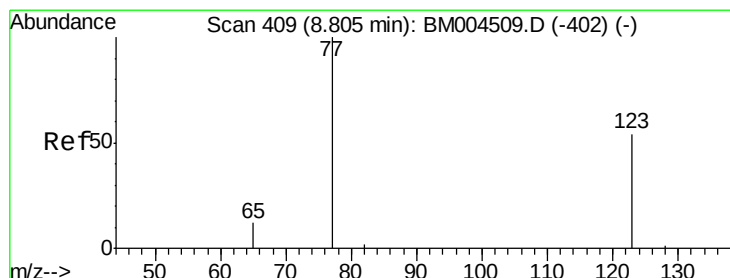
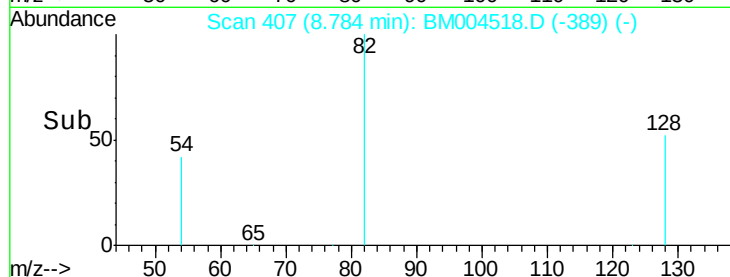
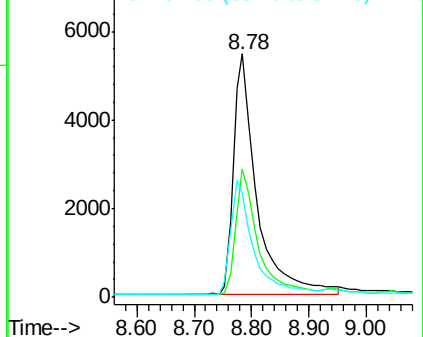
54 42.5 34.2 51.2



Abundance Ion 82.00 (81.70 to 82.70): BM004518.D (-389) (-)

Ion 128.00 (127.70 to 128.70): BM004518.D (-389) (-)

Ion 54.00 (53.70 to 54.70): BM004518.D (-389) (-)



#9

Nitrobenzene

Concen: 0.19 ng

RT: 8.78 min Scan# 407

Delta R.T. -0.05 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

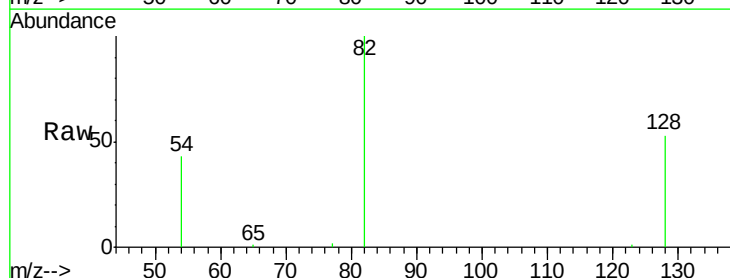
Tgt Ion: 77 Resp: 33

Ion Ratio Lower Upper

77 100

123 0.0 42.5 63.7#

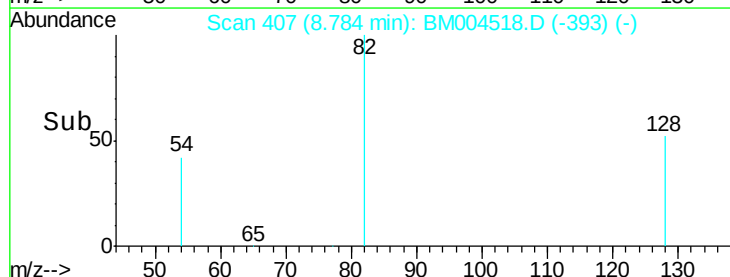
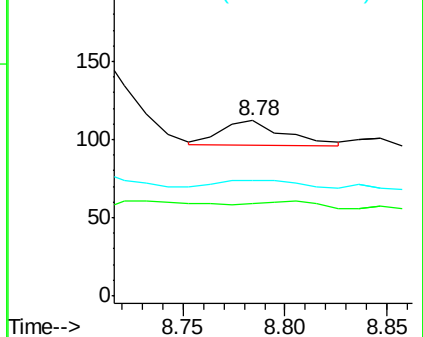
65 39.4 10.0 15.0#

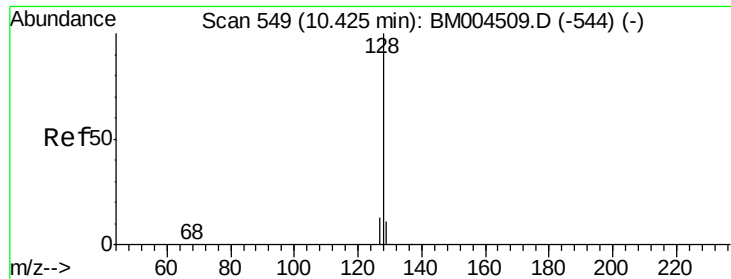


Abundance Ion 77.00 (76.70 to 77.70): BM004518.D (-393) (-)

Ion 123.00 (122.70 to 123.70): BM004518.D (-393) (-)

Ion 65.00 (64.70 to 65.70): BM004518.D (-393) (-)

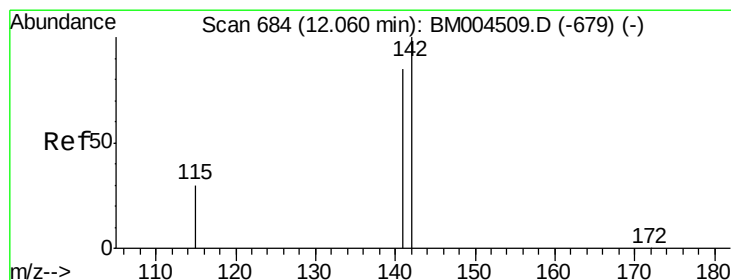
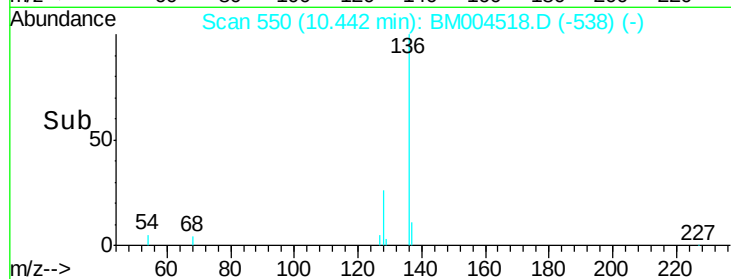
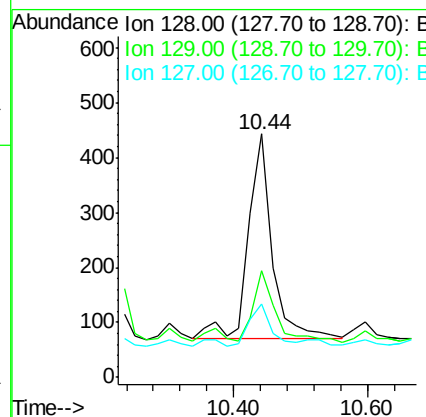
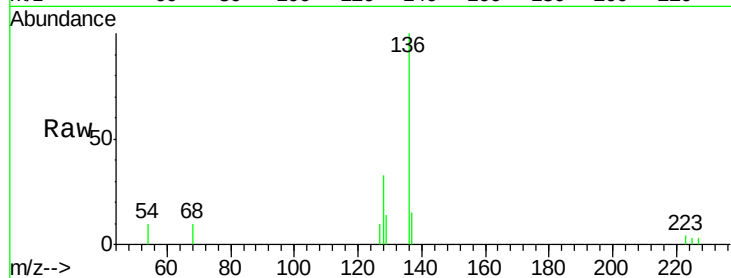




#10
Naphthalene
Concen: 0.05 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

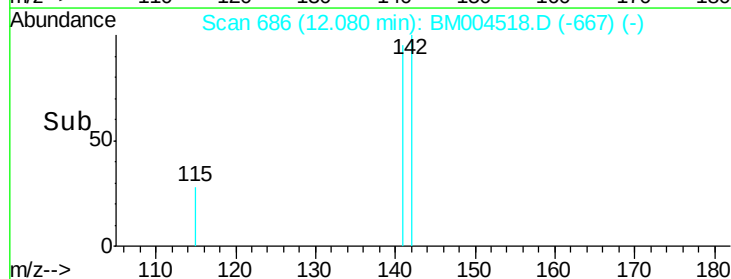
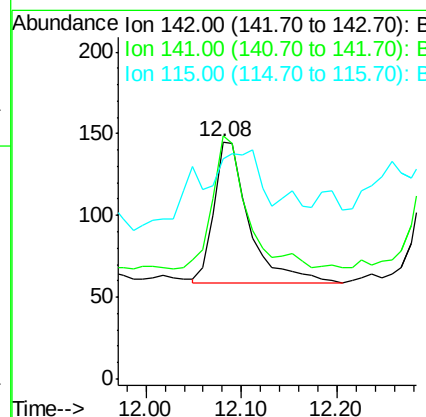
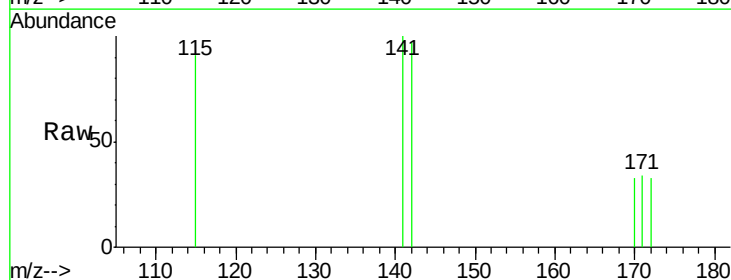
Instrument :
BNA_M
ClientSampled :
MW-4

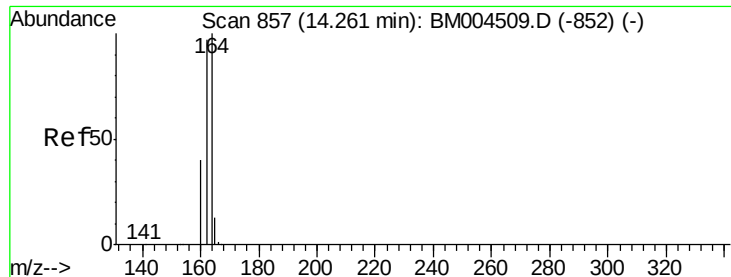
Tot Ion:128 Resp: 931
Ion Ratio Lower Upper
128 100
129 44.0 9.8 14.6#
127 30.2 9.9 14.9#



#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.08 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:142 Resp: 220
Ion Ratio Lower Upper
142 100
141 102.8 68.5 102.7#
115 93.1 24.6 36.8#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

Instrument :

BNA_M

ClientSampleId :

MW-4

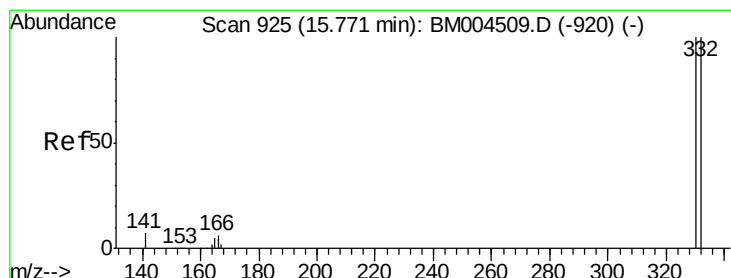
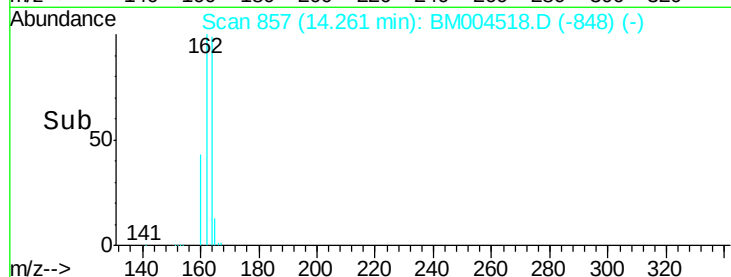
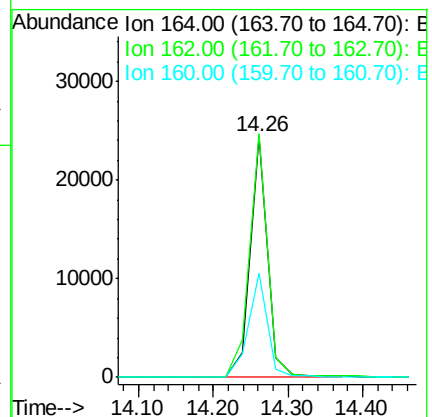
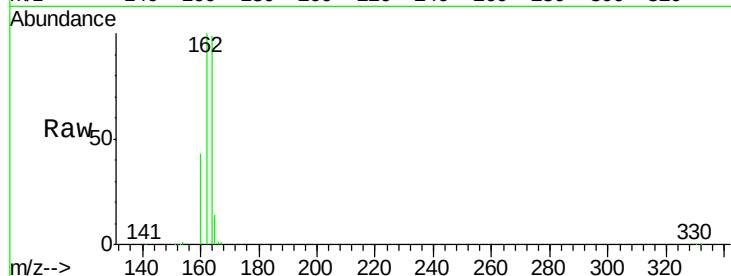
Tot Ion:164 Resp: 38740

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

160 43.5 34.9 52.3



#14

2,4,6-Tribromophenol

Concen: 8.94 ng

RT: 15.77 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

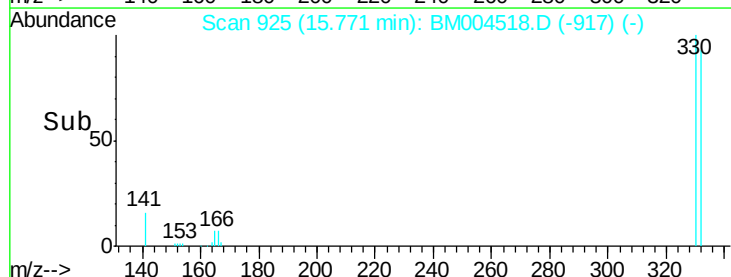
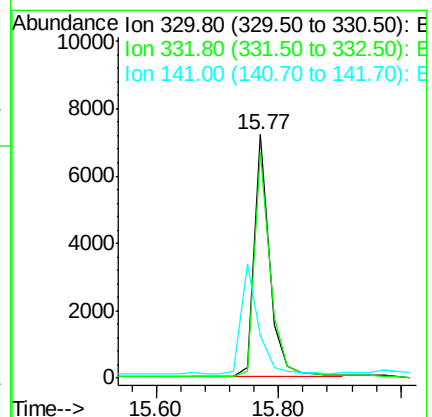
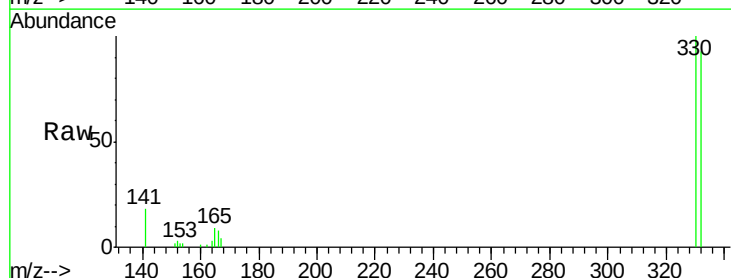
Tgt Ion:330 Resp: 12785

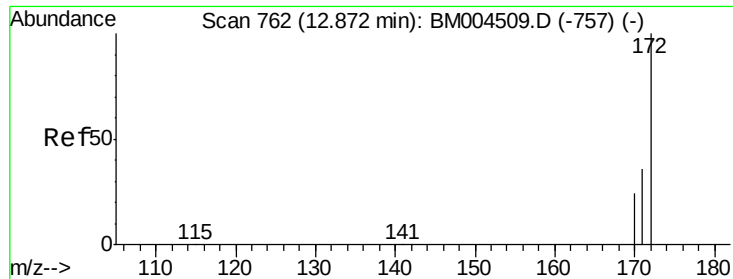
Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

141 0.0 0.0 0.0

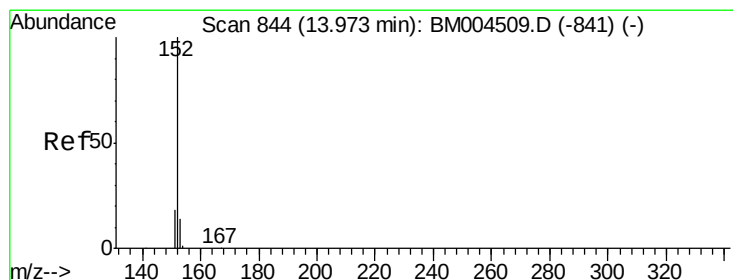
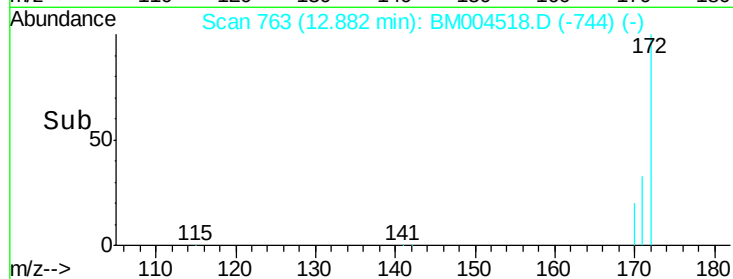
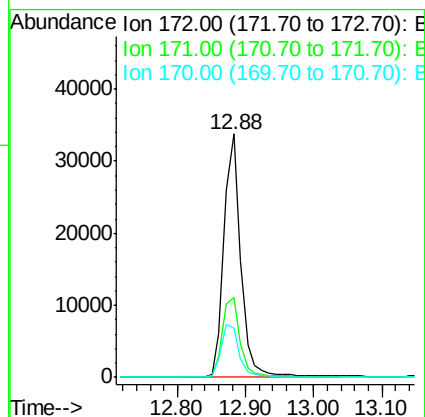
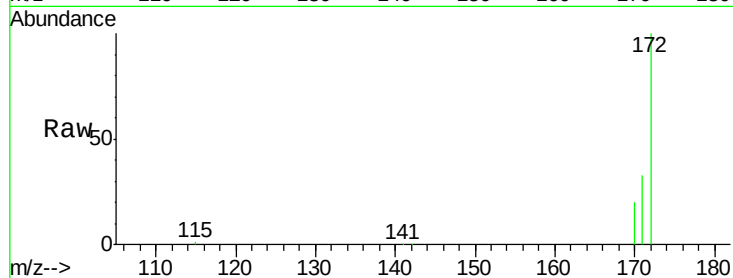




#15
2-Fluorobiphenyl
Concen: 4.76 ng
RT: 12.88 min Scan# 763
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

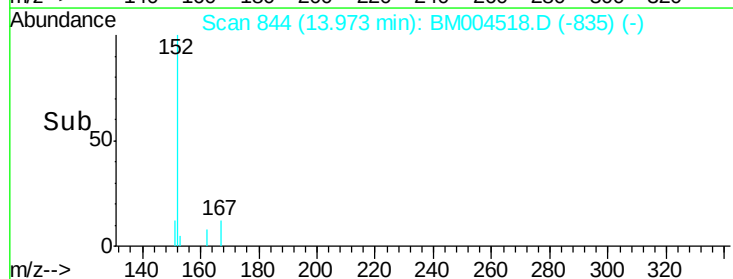
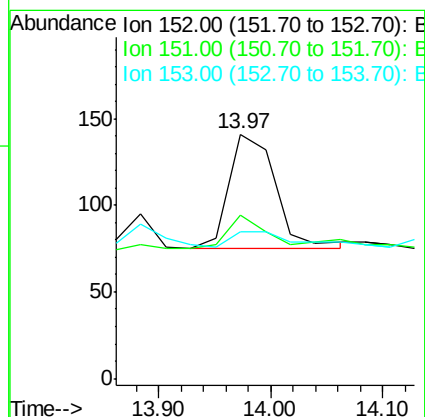
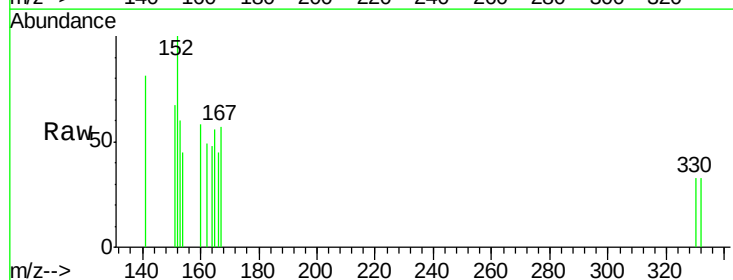
Instrument :
BNA_M
ClientSampleId :
MW-4

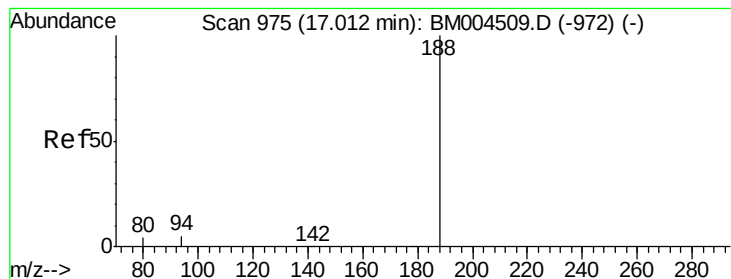
Tot Ion:172 Resp: 57376
Ion Ratio Lower Upper
172 100
171 32.9 29.5 44.3
170 20.0 20.2 30.2#



#16
Acenaphthylene
Concen: 0.11 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:152 Resp: 192
Ion Ratio Lower Upper
152 100
151 30.7 15.8 23.6#
153 19.3 10.2 15.4#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

Instrument :

BNA_M

ClientSampleId :

MW-4

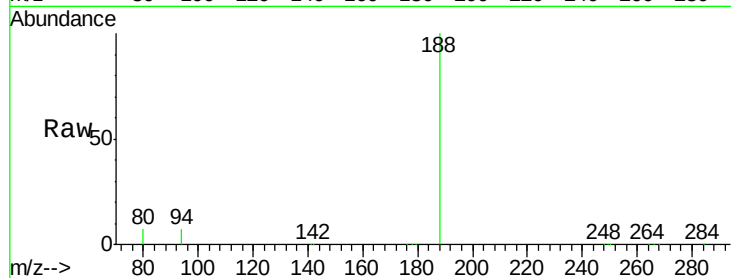
Tot Ion:188 Resp: 91455

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

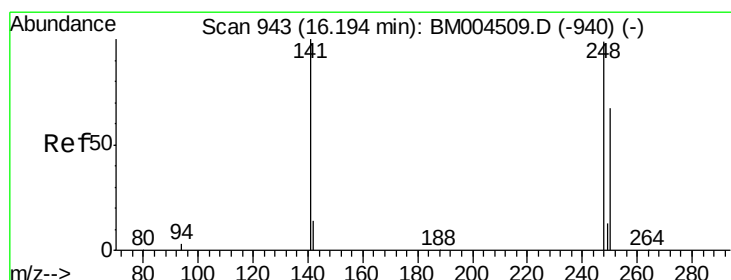
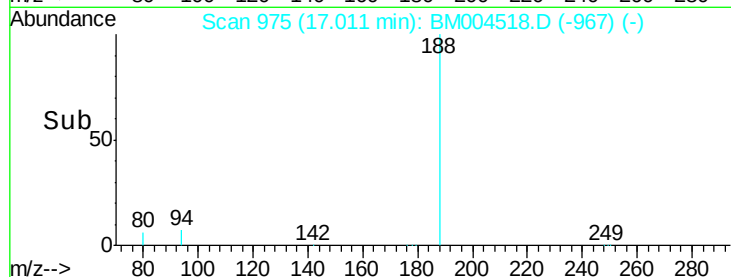
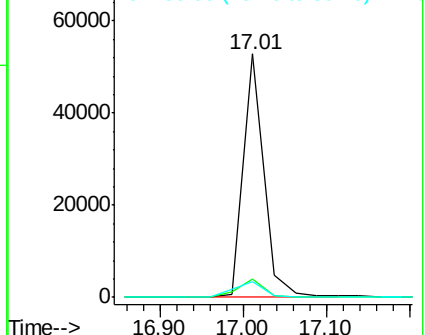
80 6.6 5.9 8.9



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



#20

4-Bromophenyl-phenylether

Concen: 0.13 ng

RT: 16.22 min Scan# 944

Delta R.T. 0.00 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

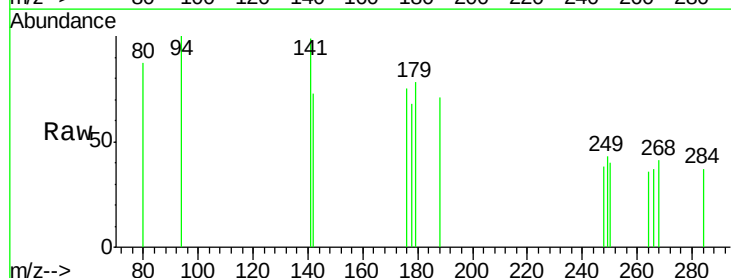
Tgt Ion:248 Resp: 2

Ion Ratio Lower Upper

248 100

250 0.0 85.8 128.8#

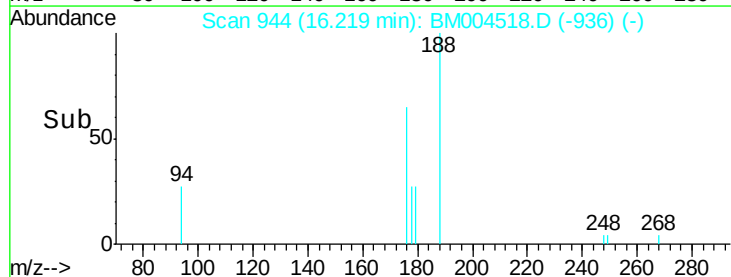
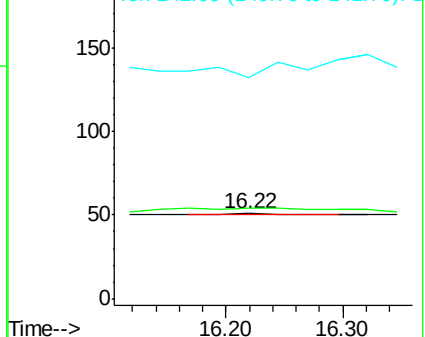
141 0.0 0.0 0.0

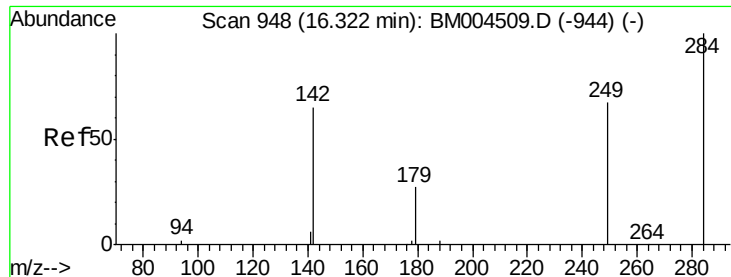


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

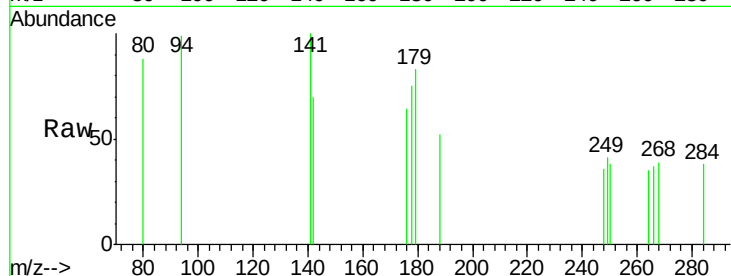




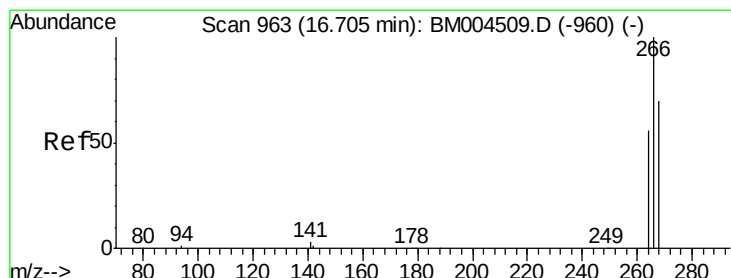
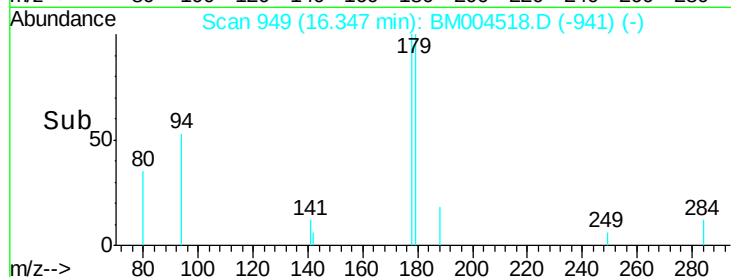
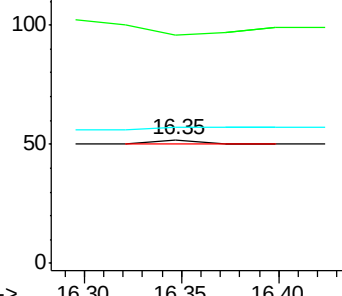
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.35 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tot Ion:284 Resp: 3
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

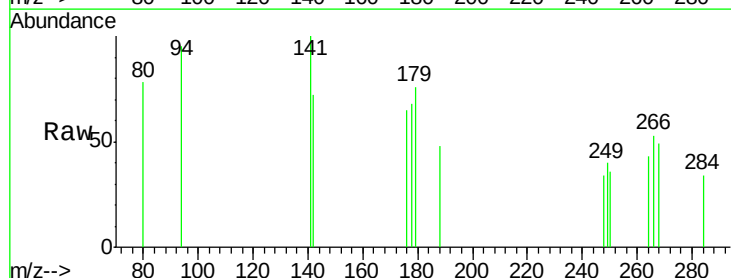


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

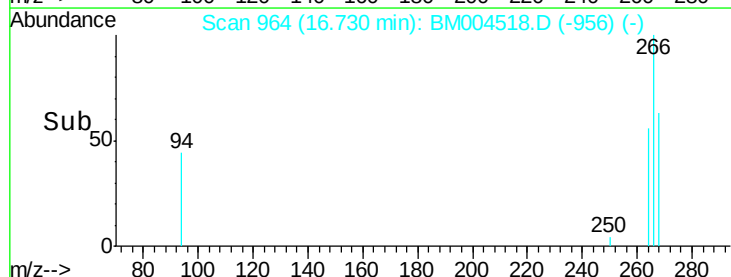
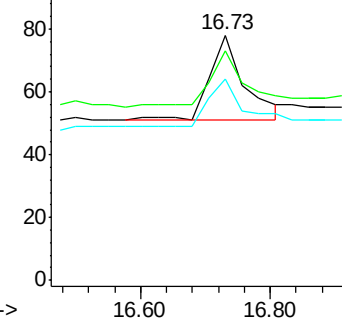


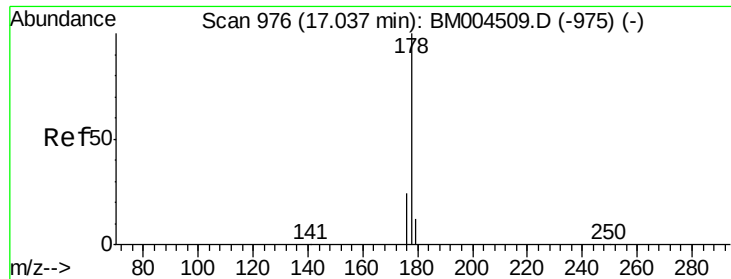
#22
Pentachlorophenol
Concen: 0.33 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:266 Resp: 101
Ion Ratio Lower Upper
266 100
268 93.6 63.0 94.6
264 82.1 59.6 89.4



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





#23

Phenanthrene

Concen: Below Cal

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

Instrument :

BNA_M

ClientSampleId :

MW-4

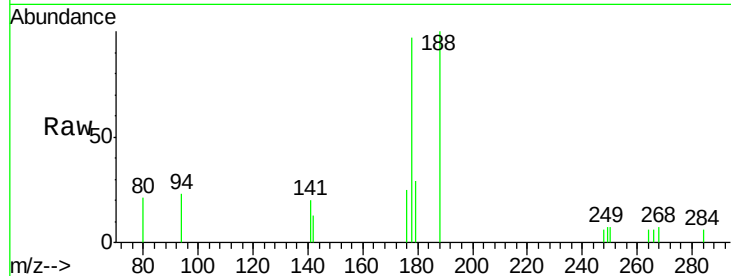
Tot Ion:178 Resp: 1573

Ion Ratio Lower Upper

178 100

176 20.7 15.0 22.4

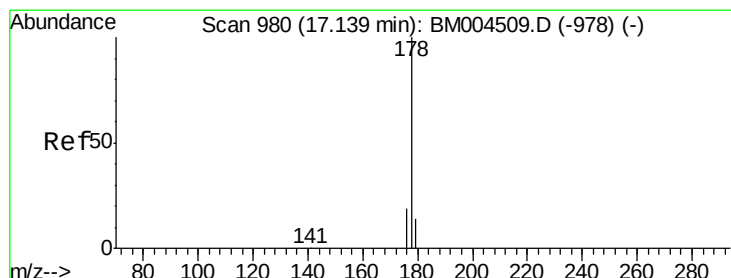
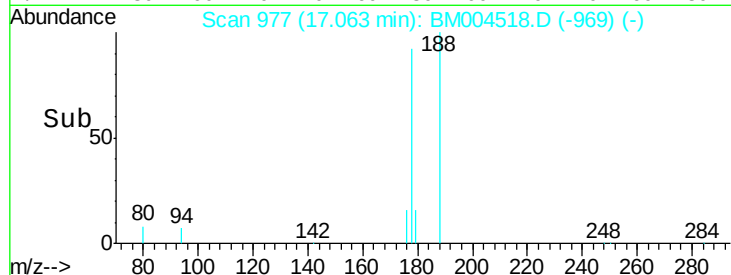
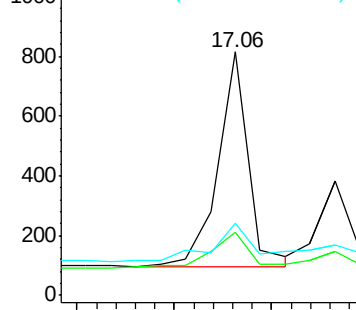
179 25.6 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.21 ng

RT: 17.16 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

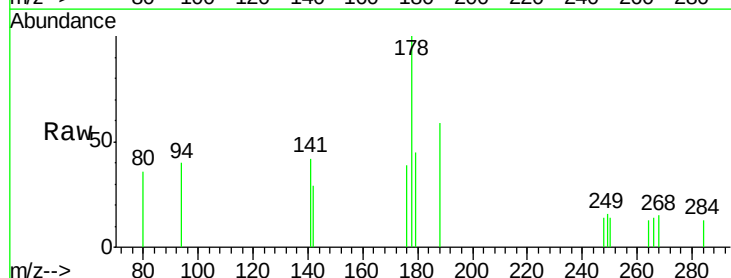
Tgt Ion:178 Resp: 583

Ion Ratio Lower Upper

178 100

176 20.6 14.7 22.1

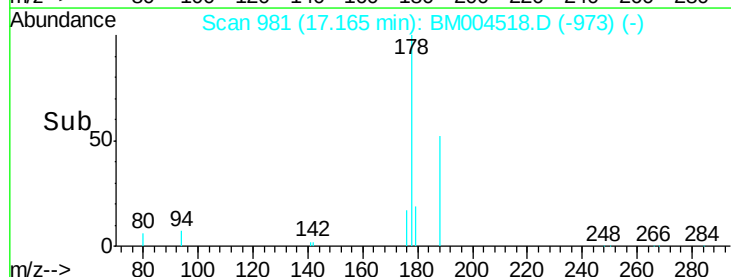
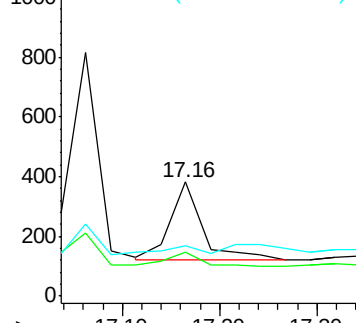
179 9.9 12.2 18.4#

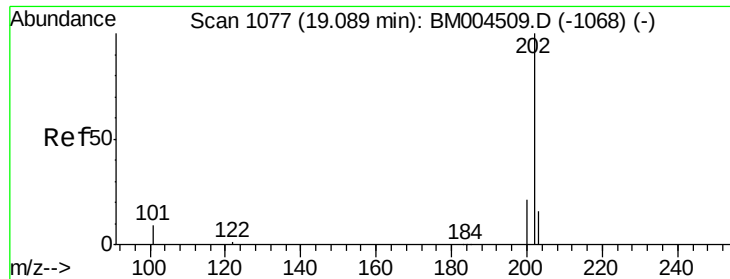


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

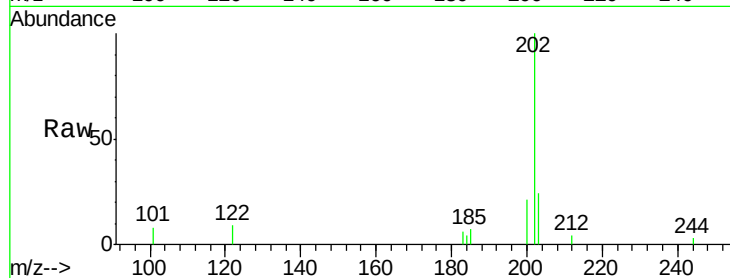




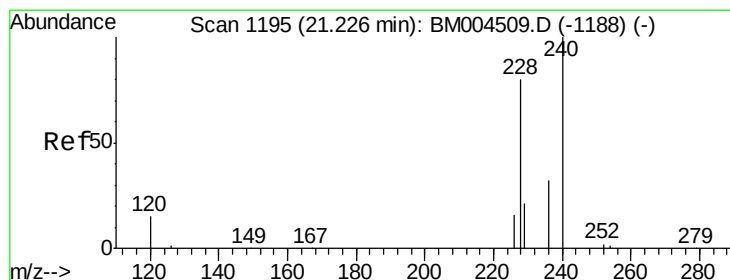
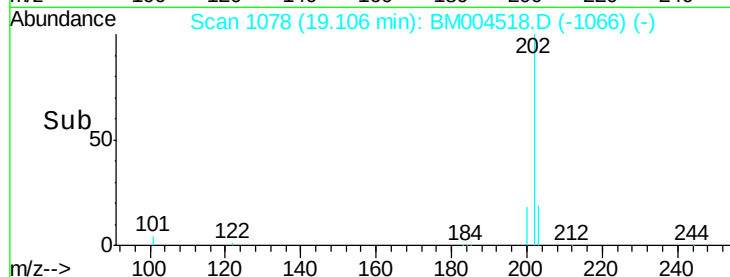
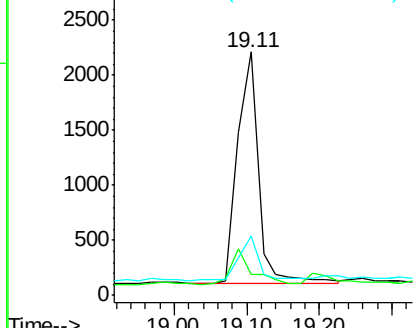
#25
Fluoranthene
Concen: 0.13 ng
RT: 19.11 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tot Ion:202 Resp: 4152
Ion Ratio Lower Upper
202 100
101 15.3 9.8 14.8#
203 18.4 13.8 20.8

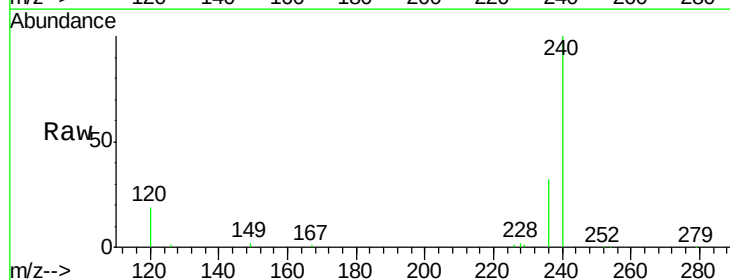


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

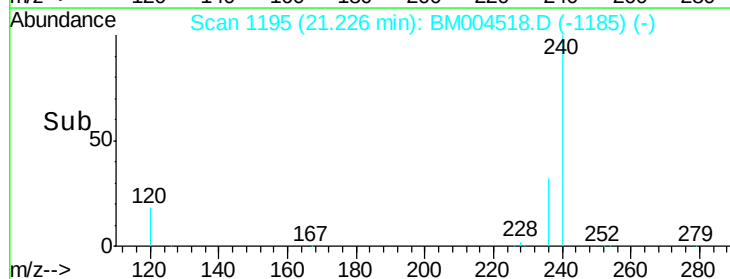
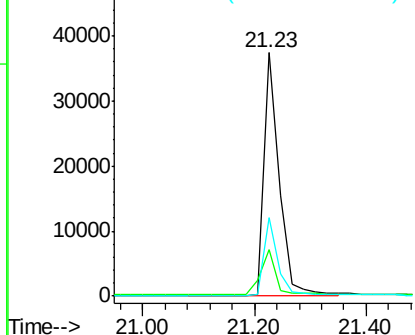


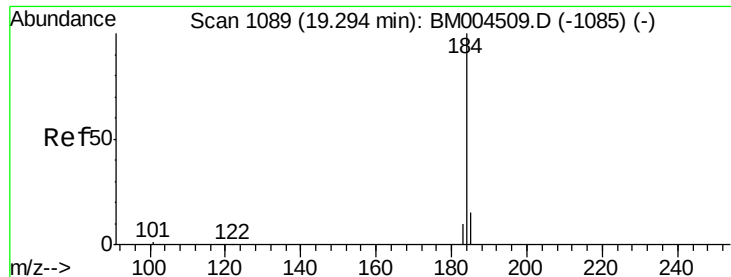
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:240 Resp: 70039
Ion Ratio Lower Upper
240 100
120 18.9 18.9 28.3#
236 32.5 26.4 39.6



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





#27

Benzidine

Concen: 0.36 ng

RT: 19.23 min Scan# 1085

Delta R.T. -0.10 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

Instrument :

BNA_M

ClientSampleId :

MW-4

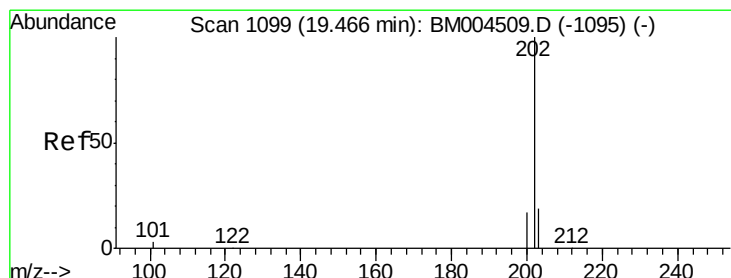
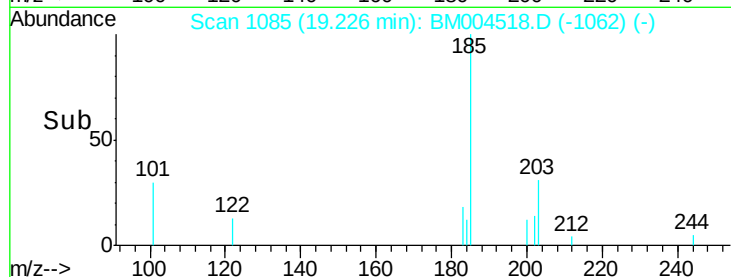
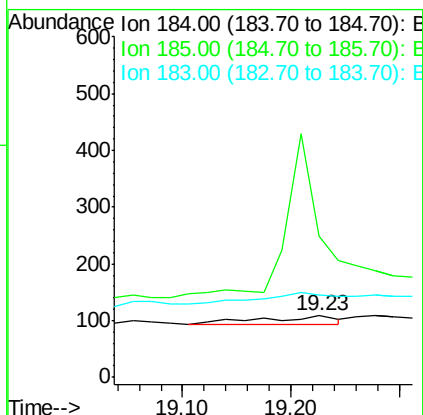
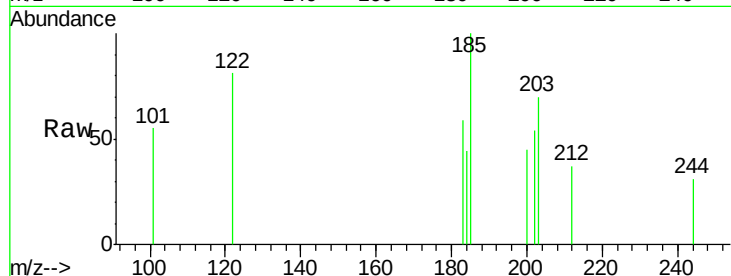
Tot Ion:184 Resp: 69

Ion Ratio Lower Upper

184 100

185 229.6 15.0 22.4#

183 135.2 12.6 19.0#



#28

Pyrene

Concen: 0.13 ng

RT: 19.47 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

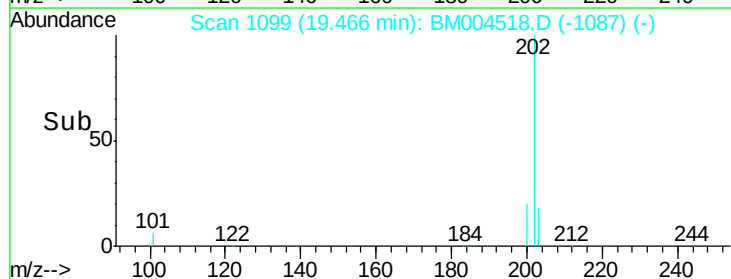
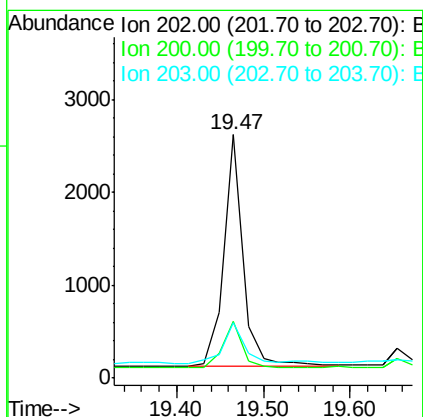
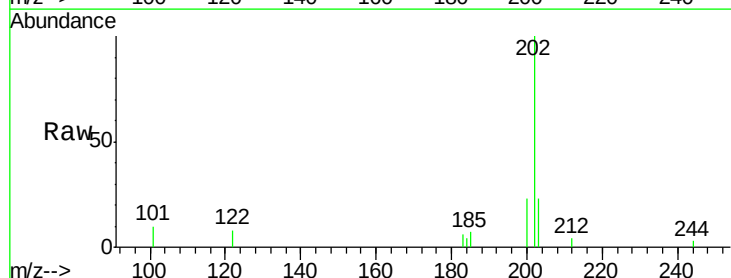
Tgt Ion:202 Resp: 3887

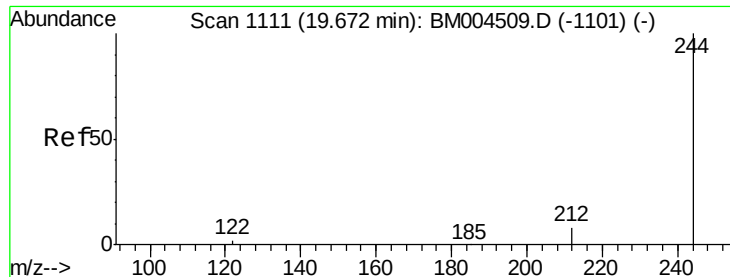
Ion Ratio Lower Upper

202 100

200 22.0 16.6 25.0

203 18.2 13.7 20.5





#29

Terphenyl-d14

Concen: 5.09 ng

RT: 19.67 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

Instrument :

BNA_M

ClientSampleId :

MW-4

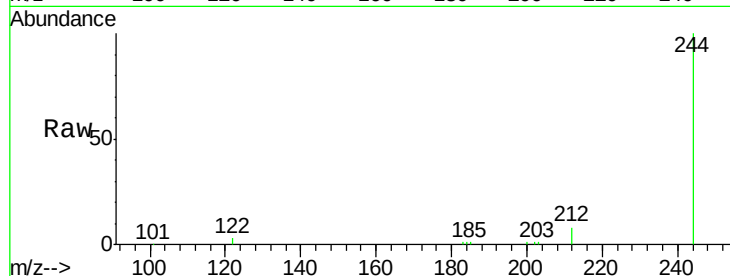
Tot Ion:244 Resp: 52824

Ion Ratio Lower Upper

244 100

212 8.2 7.8 11.6

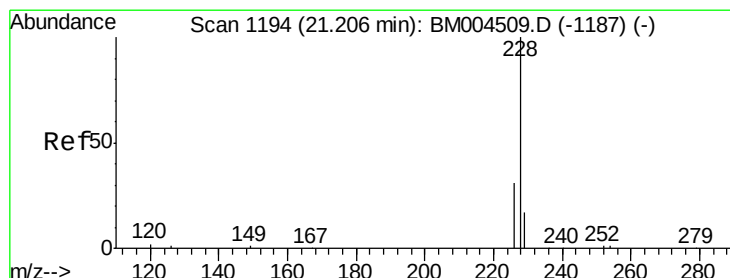
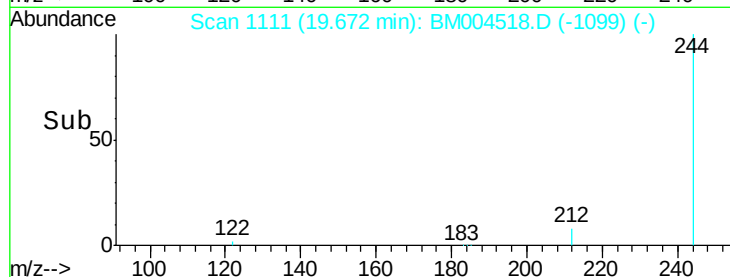
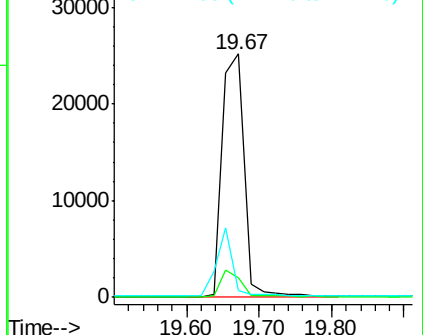
122 2.6 7.0 10.4#



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



#30

Benzo(a)anthracene

Concen: 0.28 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.06 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

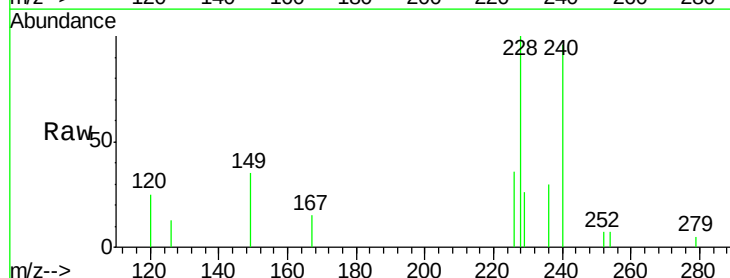
Tgt Ion:228 Resp: 5415

Ion Ratio Lower Upper

228 100

226 35.6 27.0 40.4

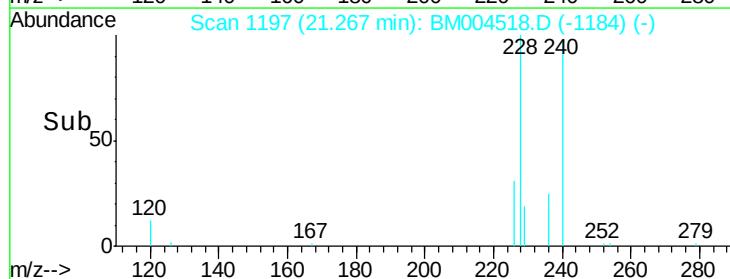
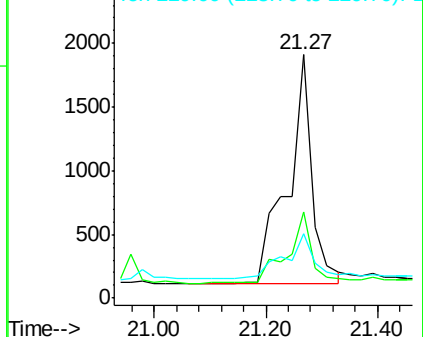
229 26.4 13.1 19.7#

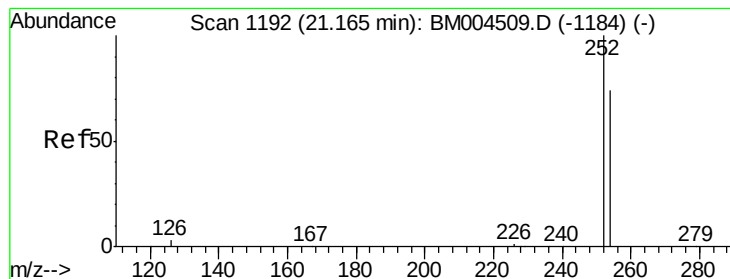


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

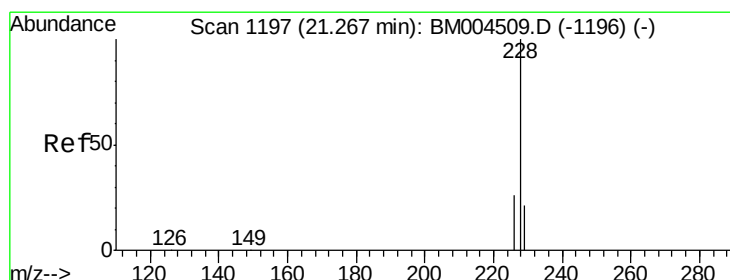
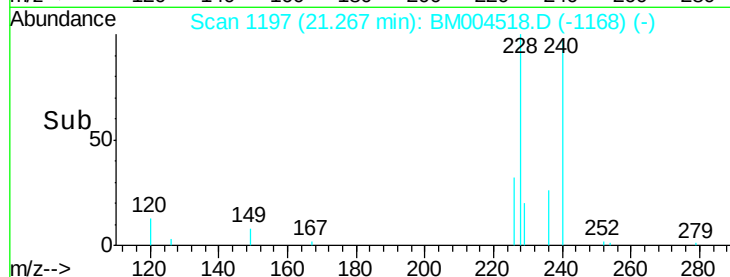
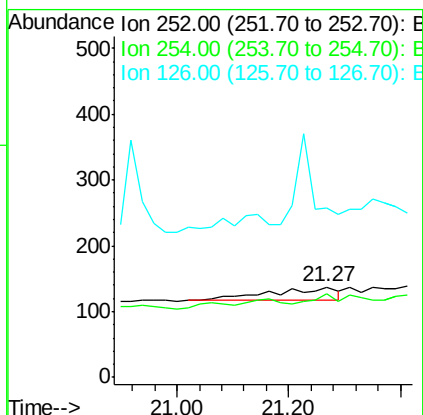
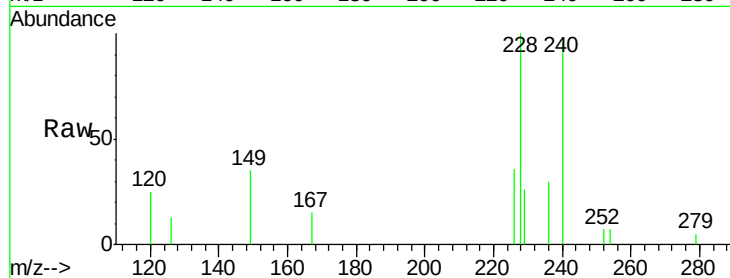




#31
 3,3'-Dichlorobenzidine
 Concen: 0.02 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. 0.10 min
 Lab File: BM004518.D
 Acq: 02 Mar 2016 13:56

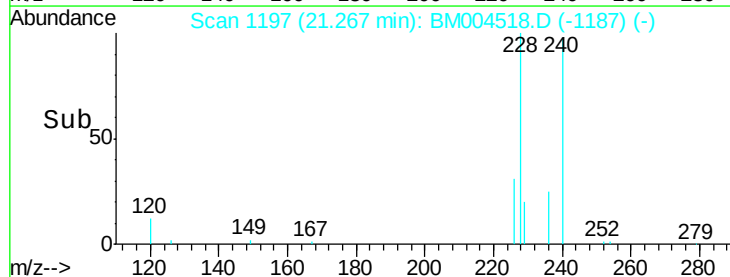
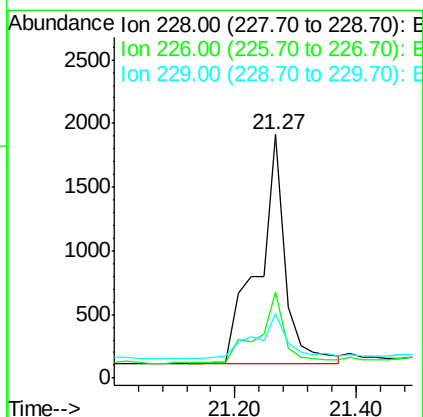
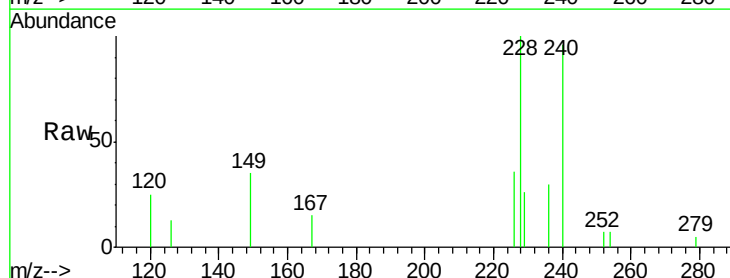
Instrument :
 BNA_M
 ClientSampled :
 MW-4

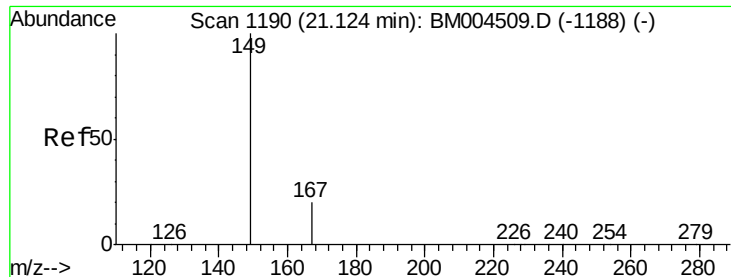
Tot Ion:252 Resp: 165
 Ion Ratio Lower Upper
 252 100
 254 93.4 47.4 71.0#
 126 187.6 11.0 16.6#



#32
 Chrysene
 Concen: 0.09 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BM004518.D
 Acq: 02 Mar 2016 13:56

Tgt Ion:228 Resp: 5548
 Ion Ratio Lower Upper
 228 100
 226 35.6 24.6 37.0
 229 26.4 15.2 22.8#





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.60 ng

RT: 21.12 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

Instrument :

BNA_M

ClientSampleId :

MW-4

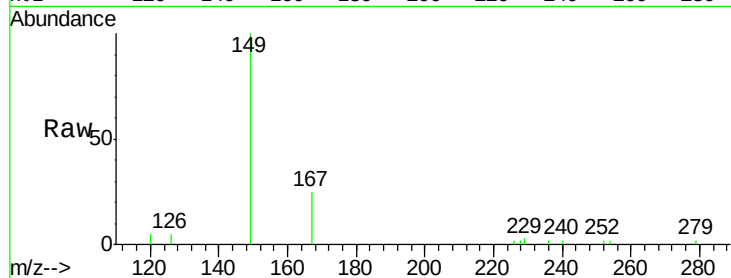
Tot Ion:149 Resp: 7192

Ion Ratio Lower Upper

149 100

167 22.4 20.2 30.4

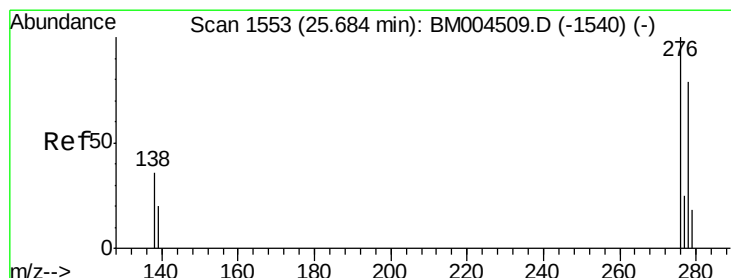
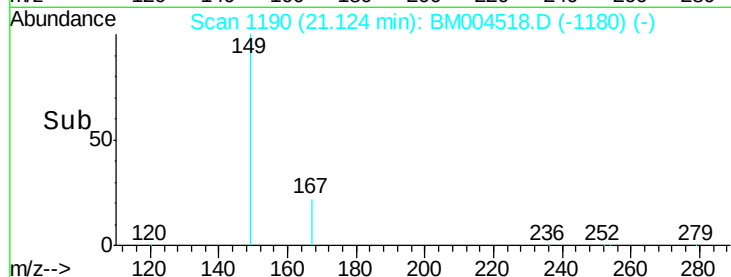
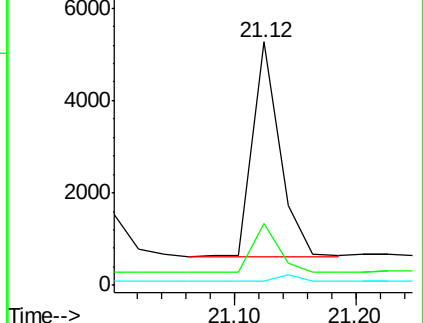
279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng

RT: 25.72 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

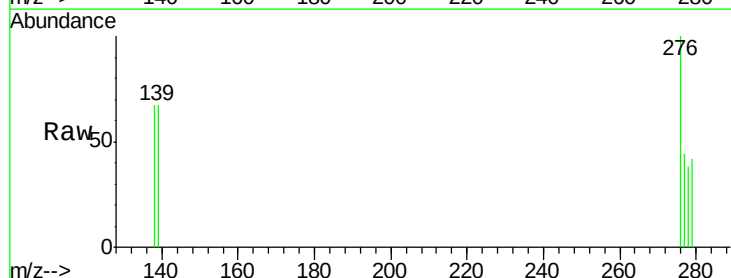
Tgt Ion:276 Resp: 881

Ion Ratio Lower Upper

276 100

138 38.1 31.0 46.4

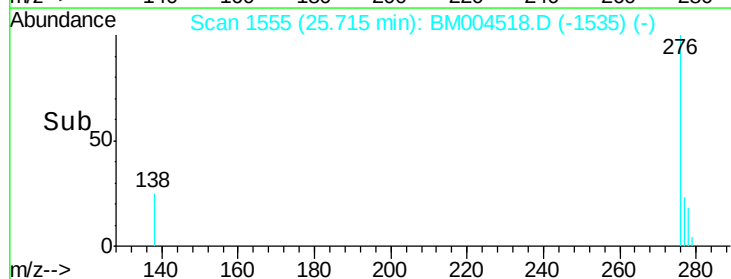
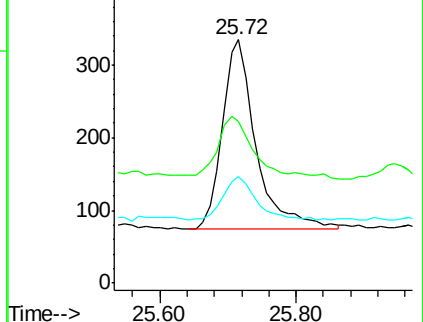
277 23.6 19.9 29.9

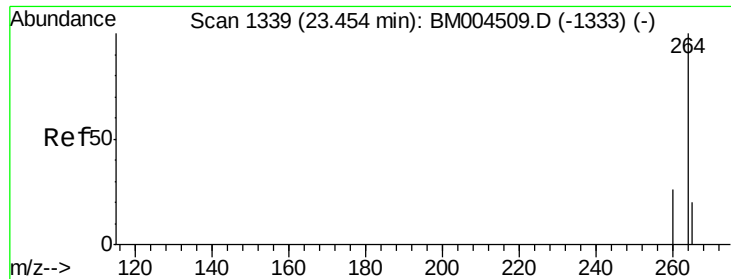


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

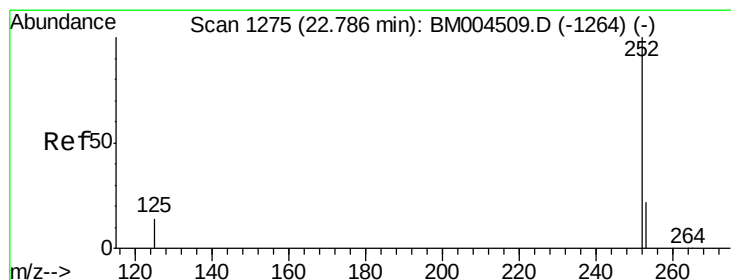
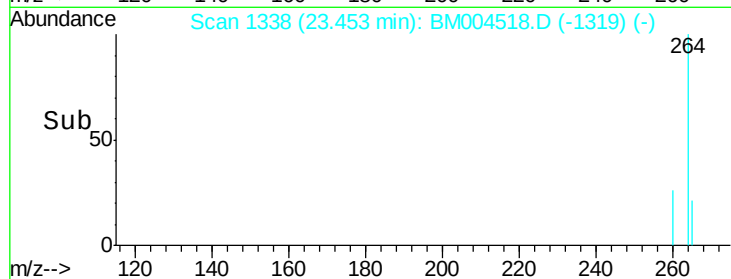
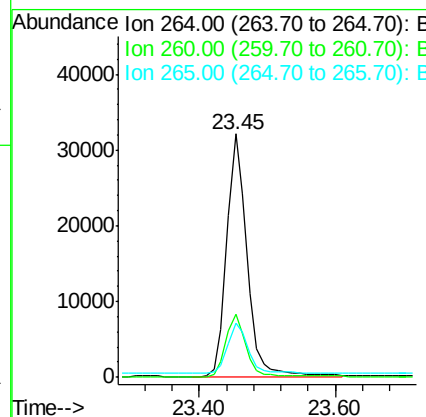
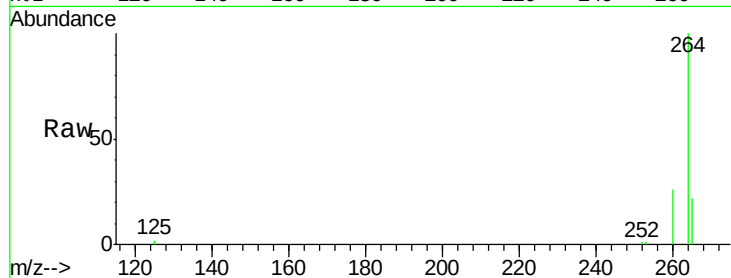




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.45 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BM004518.D
 Acq: 02 Mar 2016 13:56

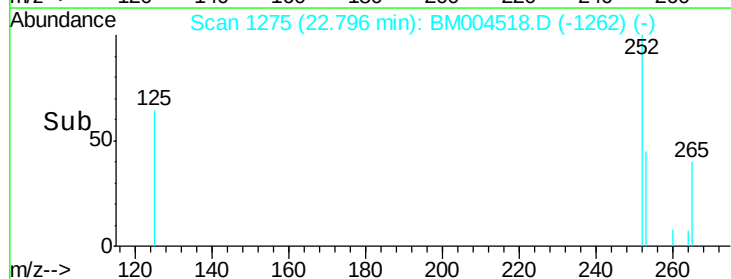
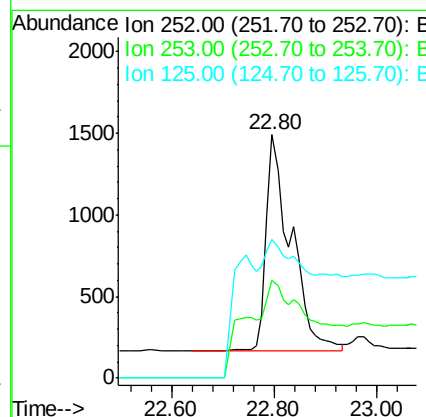
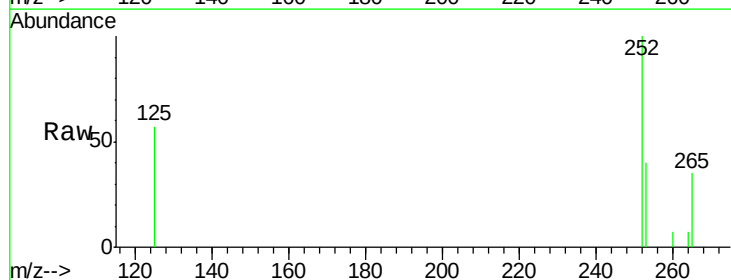
Instrument :
 BNA_M
 ClientSampleId :
 MW-4

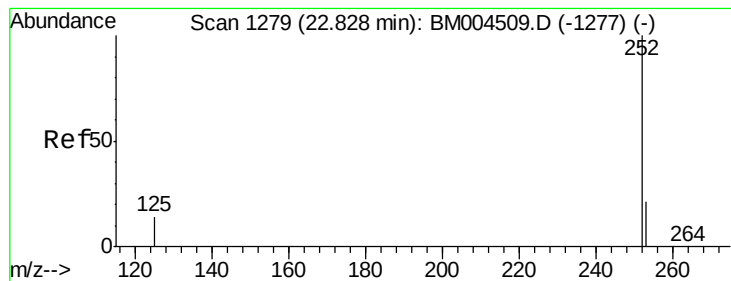
Tot Ion:264 Resp: 66007
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.2 31.8
 265 22.5 17.4 26.0



#36
 Benzo(b)fluoranthene
 Concen: 0.04 ng
 RT: 22.80 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BM004518.D
 Acq: 02 Mar 2016 13:56

Tgt Ion:252 Resp: 5098
 Ion Ratio Lower Upper
 252 100
 253 40.3 19.0 28.4#
 125 57.1 11.7 17.5#





#37

Benzo(k)fluoranthene

Concen: 0.18 ng

RT: 22.80 min Scan# 1275

Delta R.T. -0.04 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

Instrument :

BNA_M

ClientSampleId :

MW-4

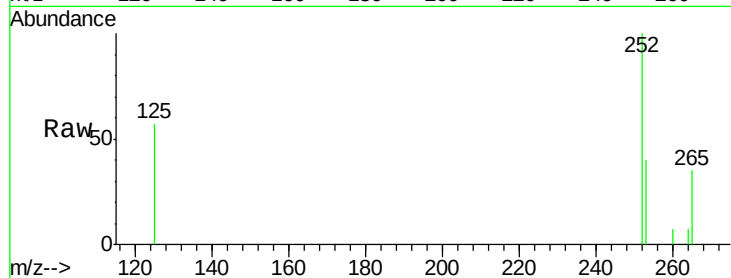
Tot Ion:252 Resp: 4590

Ion Ratio Lower Upper

252 100

253 40.3 18.9 28.3#

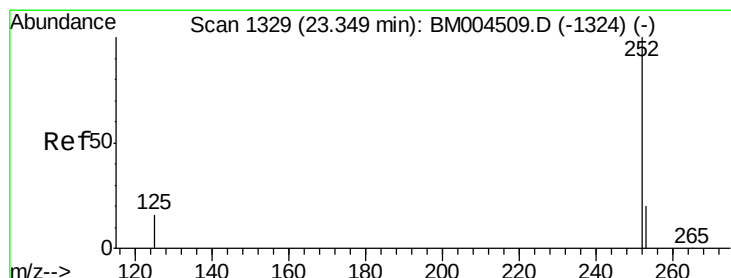
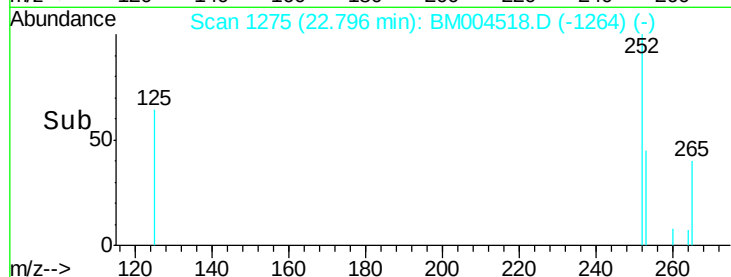
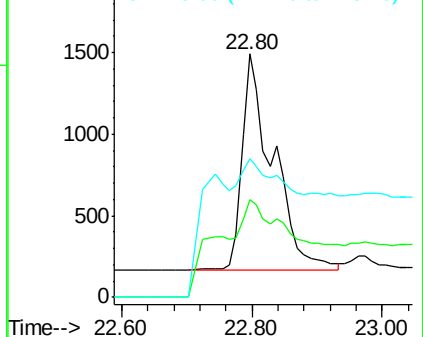
125 57.1 11.9 17.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 0.04 ng

RT: 23.36 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

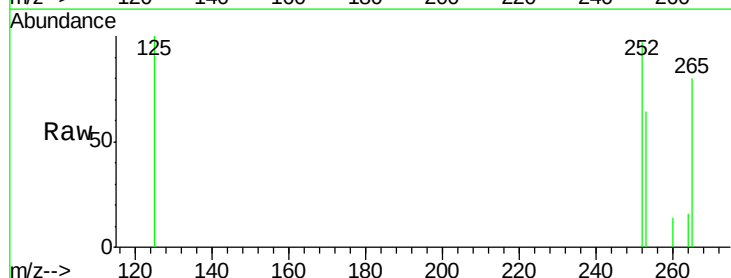
Tgt Ion:252 Resp: 875

Ion Ratio Lower Upper

252 100

253 65.5 19.0 28.6#

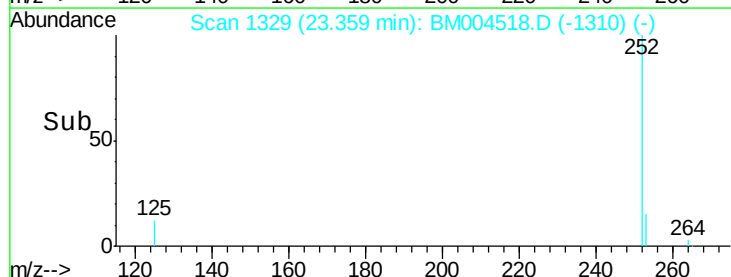
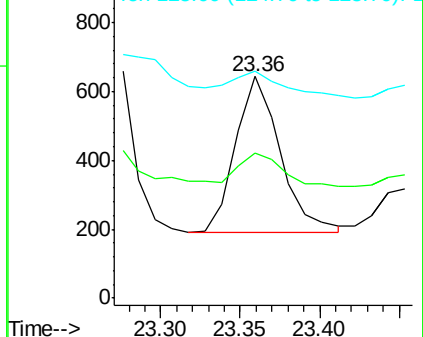
125 102.6 13.7 20.5#

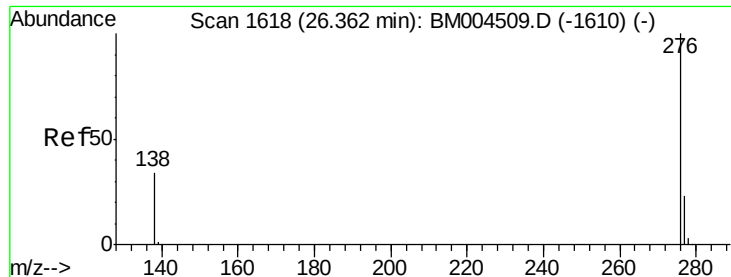


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#40

Benzo(a,h,i)perylene

Concen: 0.06 ng

RT: 26.39 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BM004518.D

Acq: 02 Mar 2016 13:56

Instrument :

BNA_M

ClientSampleId :

MW-4

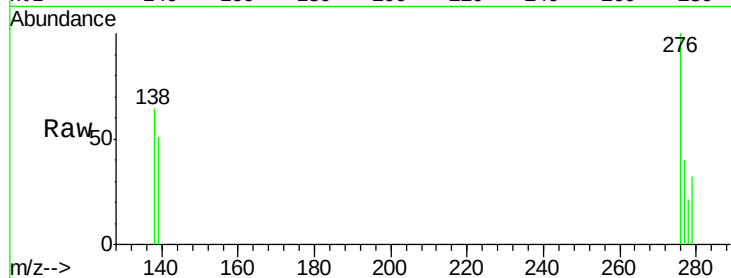
Tot Ion: 276 Resp: 1142

Ion Ratio Lower Upper

276 100

277 40.3 19.8 29.8#

138 64.0 26.6 40.0#



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

