

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
 Data File : BM004517.D
 Acq On : 02 Mar 2016 13:19
 Operator : SJ/UM
 Sample : H1509-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1-FD

Quant Time: Mar 02 15:41:39 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

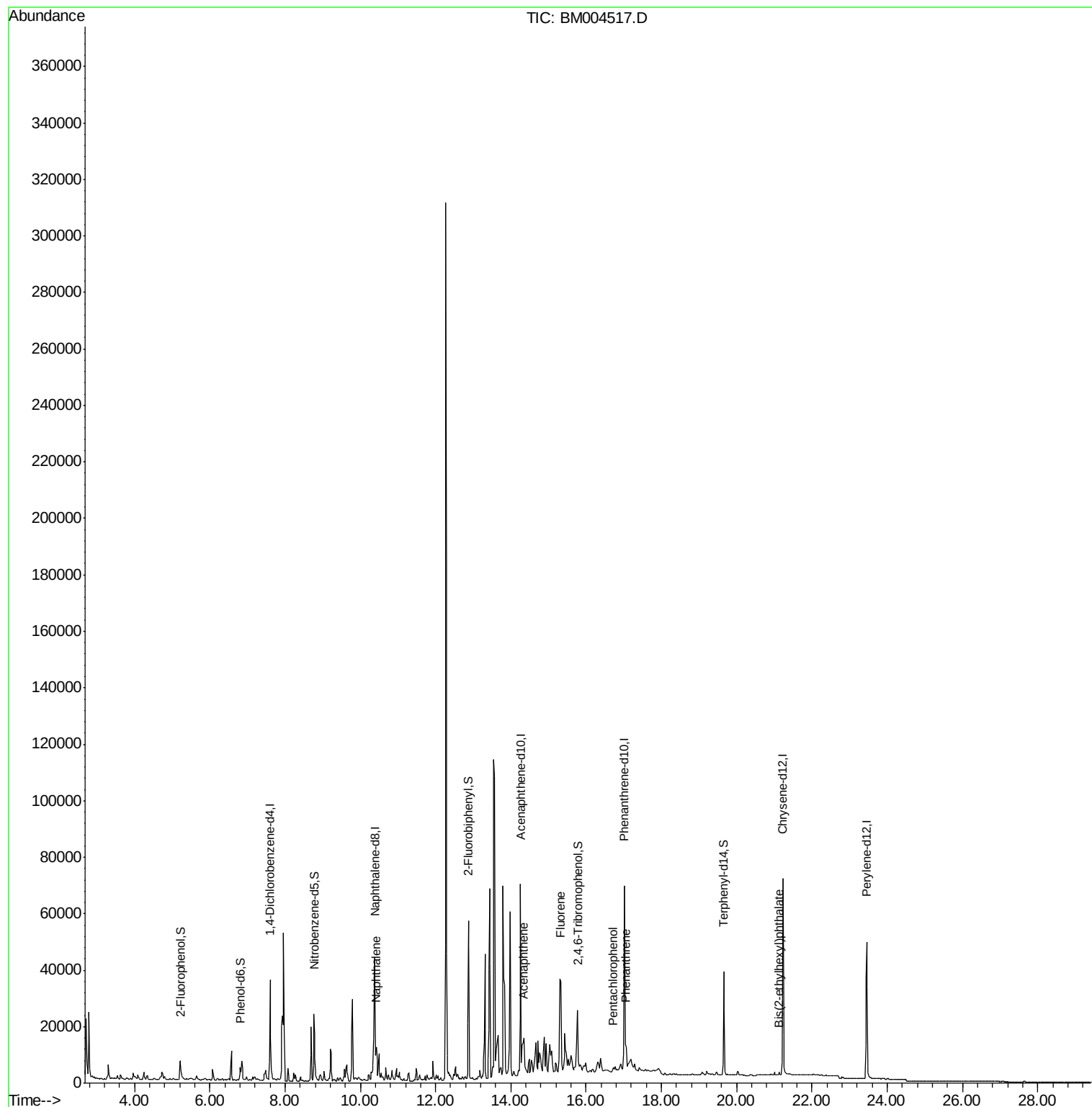
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	19535	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	76984	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	40725	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	95623	5.00	ng	0.00
26) Chrysene-d12	21.23	240	76345	5.00	ng	0.00
35) Perylene-d12	23.45	264	66487	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	11290	2.76	ng	-0.02
5) Phenol-d6	6.81	99	8220	1.62	ng	-0.02
8) Nitrobenzene-d5	8.77	82	16060	3.94	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	13984	9.30	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	57394	4.53	ng	-0.01
29) Terphenyl-d14	19.65	244	50216	4.42	ng	-0.02
Target Compounds						
10) Naphthalene	10.42	128	11838	0.65	ng	# 40
17) Acenaphthene	14.33	154	10382	0.91	ng	# 68
18) Fluorene	15.33	166	35297	2.58	ng	# 11
22) Pentachlorophenol	16.70	266	261	0.59	ng	96
23) Phenanthrene	17.06	178	17255	0.82	ng	# 70
33) Bis(2-ethylhexyl)phthalate	21.12	149	1317	0.19	ng	# 98

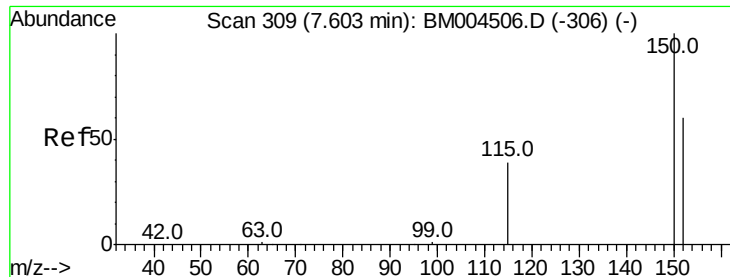
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004517.D

Acq: 02 Mar 2016 13:19

Instrument :

BNA_M

ClientSampleId :

MW-1-FD

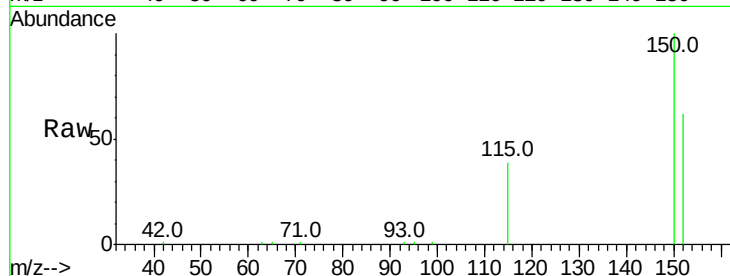
Tot Ion:152 Resp: 19535

Ion Ratio Lower Upper

152 100

150 162.0 134.2 201.2

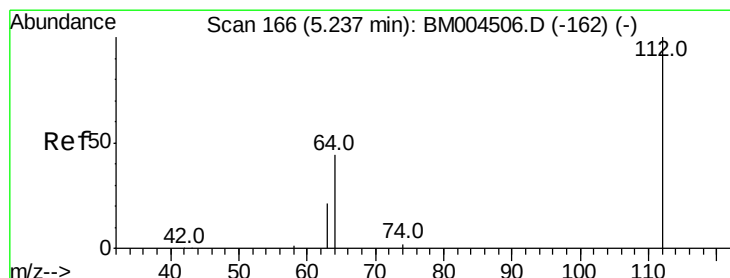
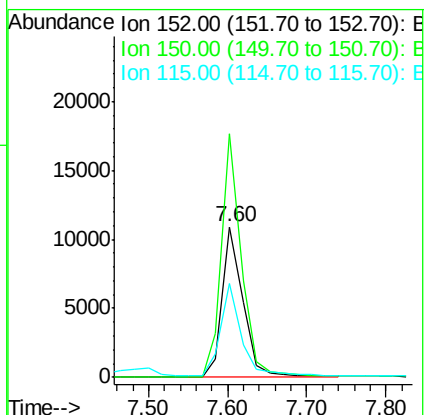
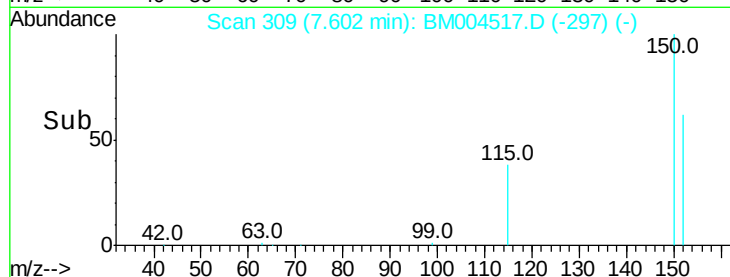
115 62.5 52.2 78.4



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



#4

2-Fluorophenol

Concen: 2.76 ng

RT: 5.22 min Scan# 165

Delta R.T. -0.02 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

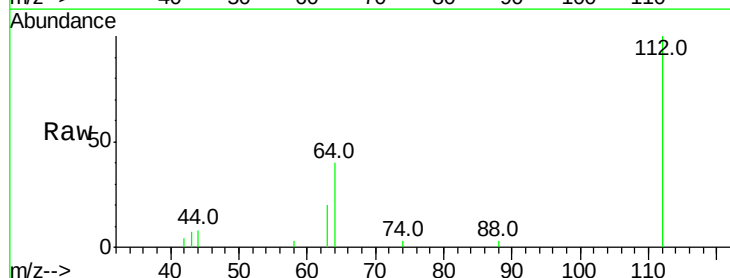
Tgt Ion:112 Resp: 11290

Ion Ratio Lower Upper

112 100

64 48.8 37.0 55.6

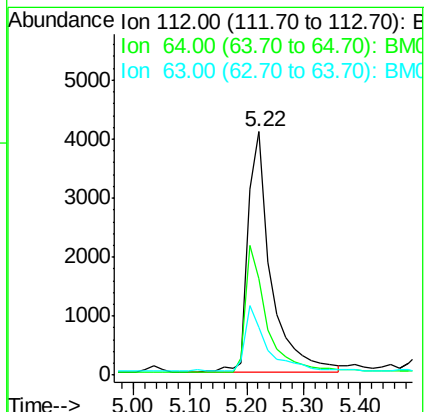
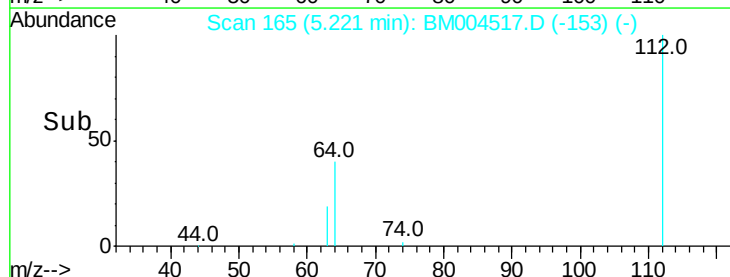
63 26.6 19.0 28.4

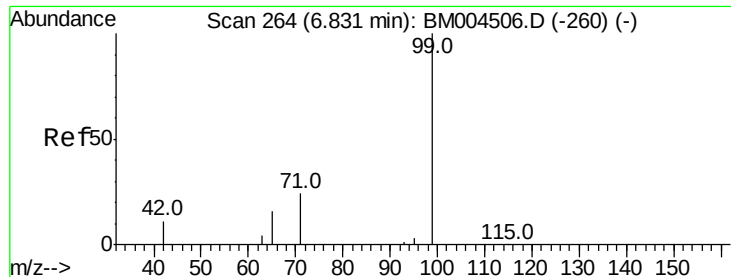


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.62 ng

RT: 6.81 min Scan# 263

Delta R.T. -0.02 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

Instrument :

BNA_M

ClientSampleId :

MW-1-FD

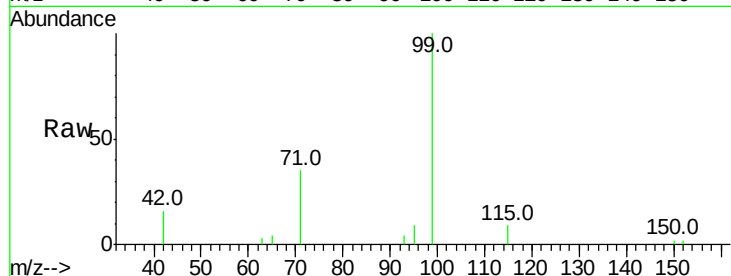
Tot Ion: 99 Resp: 8220

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.4

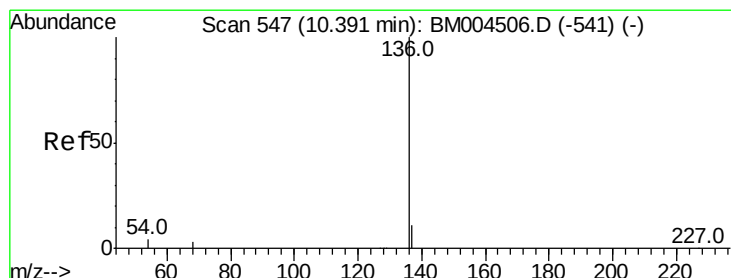
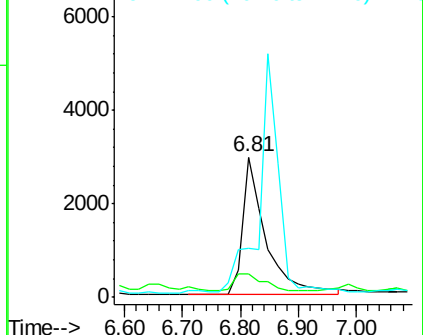
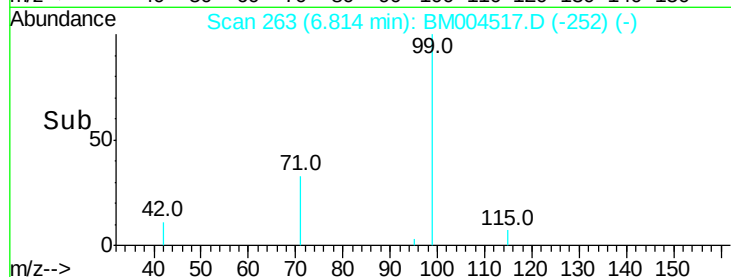
71 0.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM004517.D (-252) (-)

Ion 42.00 (41.70 to 42.70): BM004517.D (-252) (-)

Ion 71.00 (70.70 to 71.70): BM004517.D (-252) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.00 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

Tgt Ion: 136 Resp: 76984

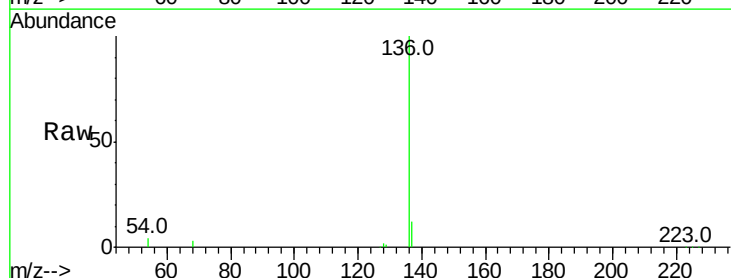
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 3.7 3.3 4.9

68 3.5 2.9 4.3

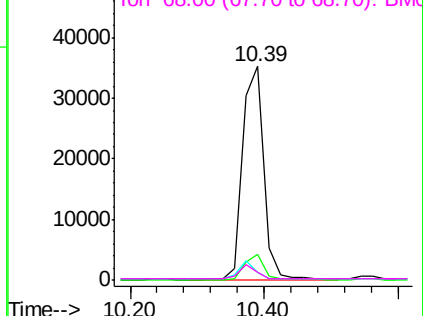
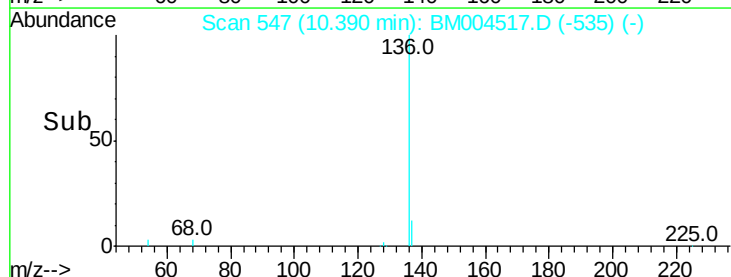


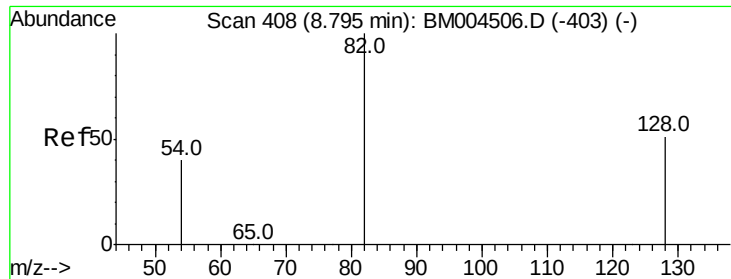
Abundance Ion 136.00 (135.70 to 136.70): BM004517.D (-535) (-)

Ion 137.00 (136.70 to 137.70): BM004517.D (-535) (-)

Ion 54.00 (53.70 to 54.70): BM004517.D (-535) (-)

Ion 68.00 (67.70 to 68.70): BM004517.D (-535) (-)





#8

Nitrobenzene-d5

Concen: 3.94 ng

RT: 8.77 min Scan# 406

Delta R.T. -0.02 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

Instrument :

BNA_M

ClientSampleId :

MW-1-FD

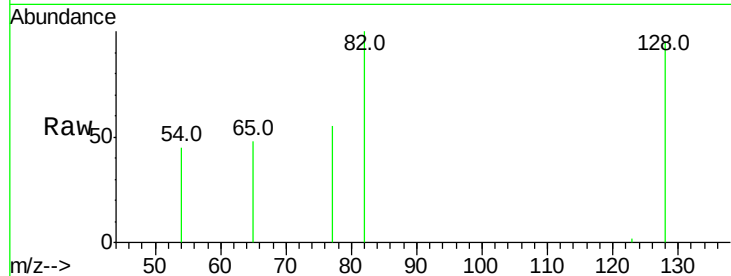
Tot Ion: 82 Resp: 16060

Ion Ratio Lower Upper

82 100

128 95.3 41.9 62.9#

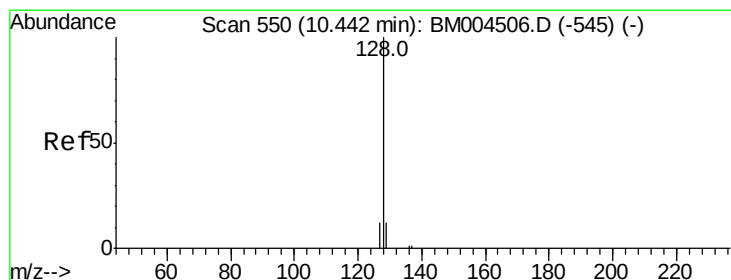
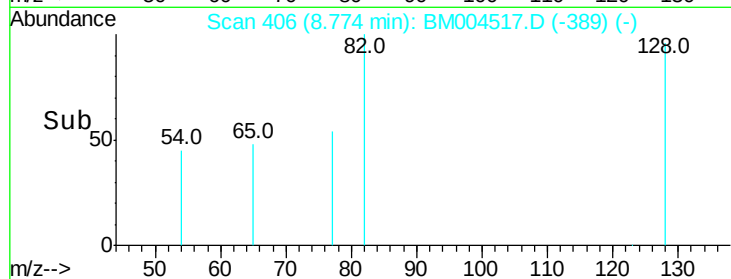
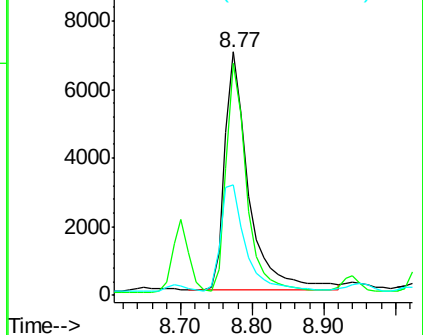
54 45.3 34.2 51.2



Abundance Ion 82.00 (81.70 to 82.70): BM004506.D (-403) (-)

Ion 128.00 (127.70 to 128.70): BM004506.D (-403) (-)

Ion 54.00 (53.70 to 54.70): BM004506.D (-403) (-)



#10

Naphthalene

Concen: 0.65 ng

RT: 10.42 min Scan# 549

Delta R.T. -0.02 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

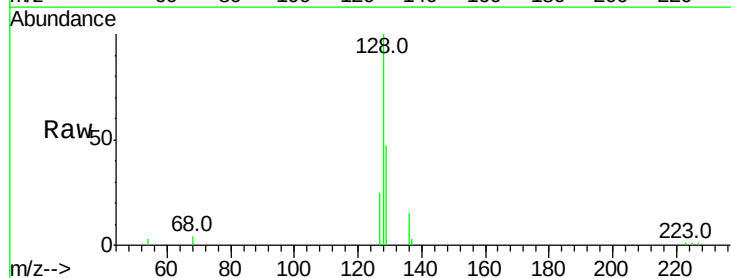
Tgt Ion: 128 Resp: 11838

Ion Ratio Lower Upper

128 100

129 47.1 9.8 14.6#

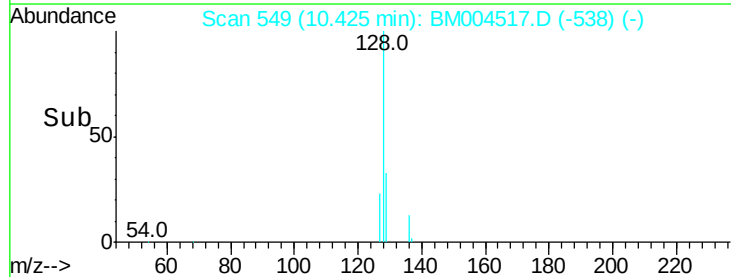
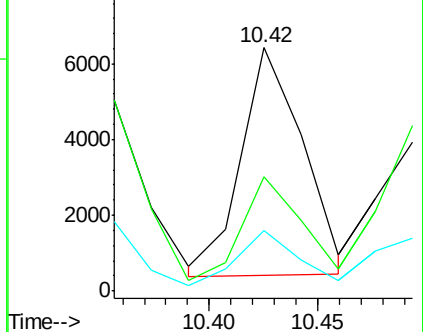
127 24.8 9.9 14.9#

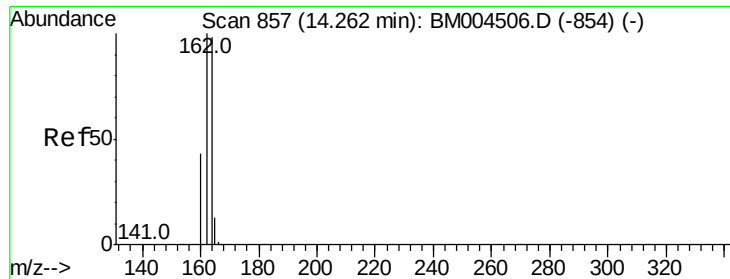


Abundance Ion 128.00 (127.70 to 128.70): BM004506.D (-545) (-)

Ion 129.00 (128.70 to 129.70): BM004506.D (-545) (-)

Ion 127.00 (126.70 to 127.70): BM004506.D (-545) (-)





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

Instrument :

BNA_M

ClientSampleId :

MW-1-FD

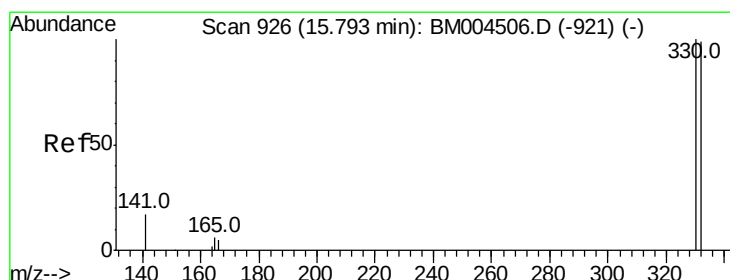
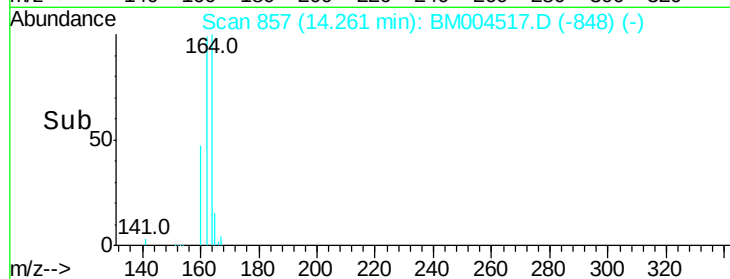
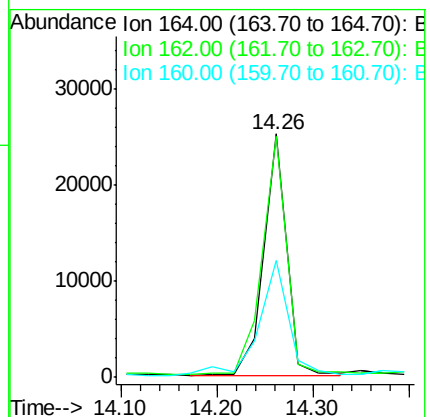
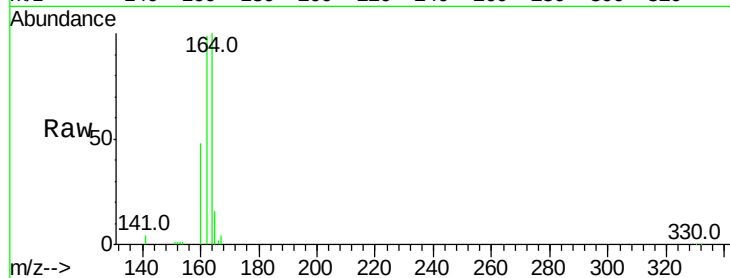
Tot Ion:164 Resp: 40725

Ion Ratio Lower Upper

164 100

162 99.0 81.6 122.4

160 48.2 34.9 52.3



#14

2,4,6-Tribromophenol

Concen: 9.30 ng

RT: 15.77 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

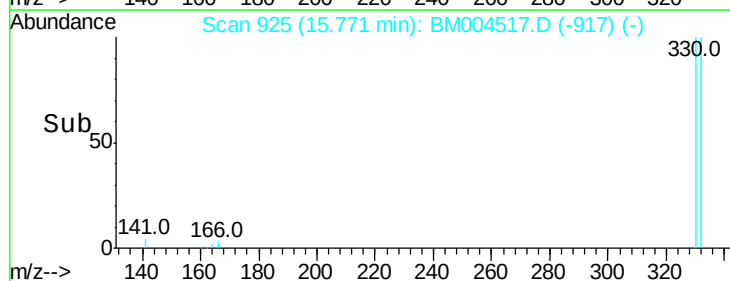
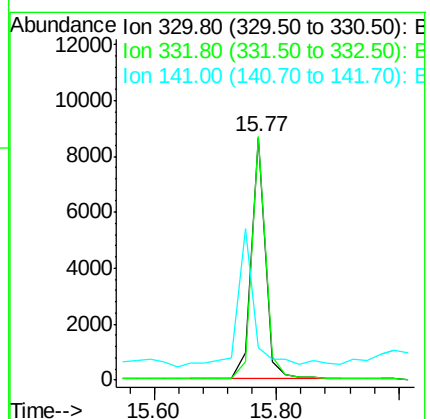
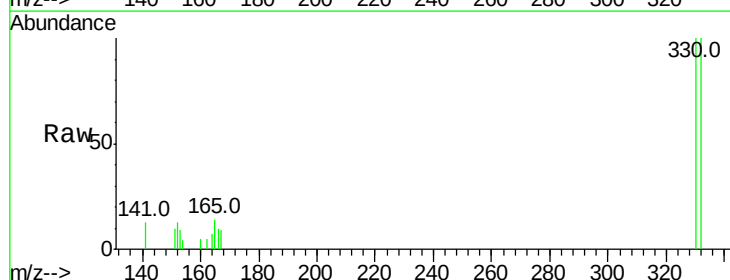
Tgt Ion:330 Resp: 13984

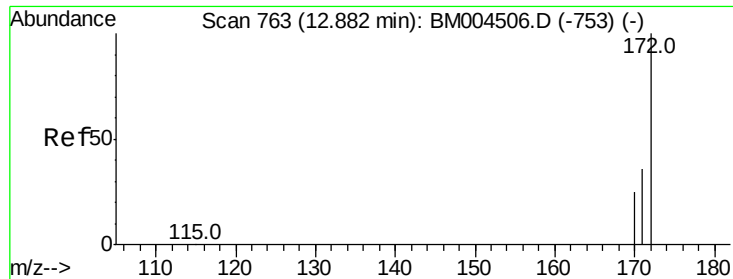
Ion Ratio Lower Upper

330 100

332 98.3 76.6 114.8

141 0.0 0.0 0.0

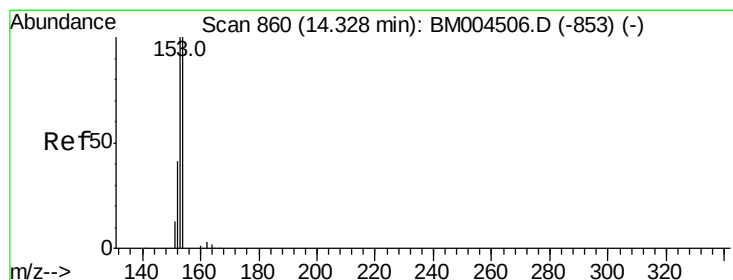
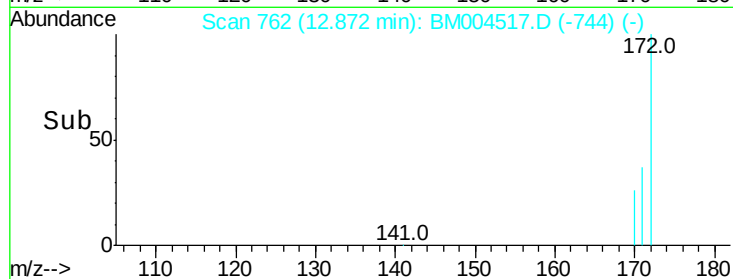
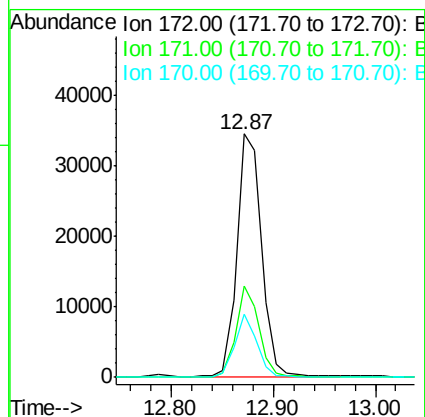
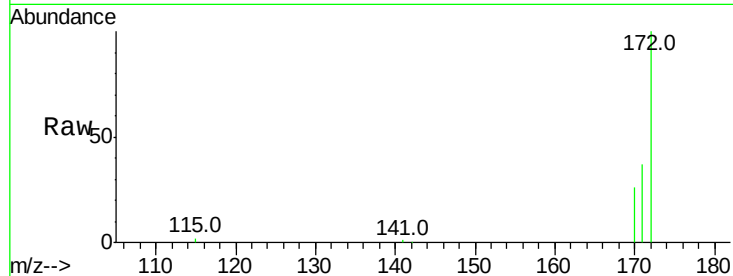




#15
2-Fluorobiphenyl
Concen: 4.53 ng
RT: 12.87 min Scan# 762
Delta R.T. -0.01 min
Lab File: BM004517.D
Acq: 02 Mar 2016 13:19

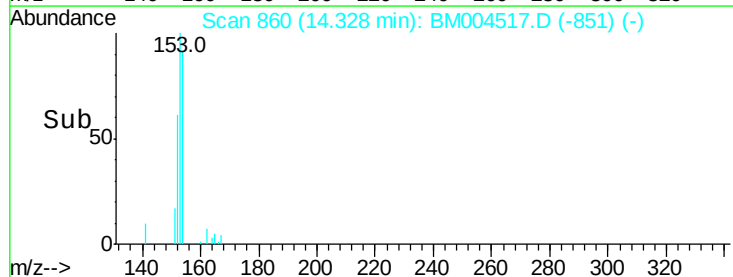
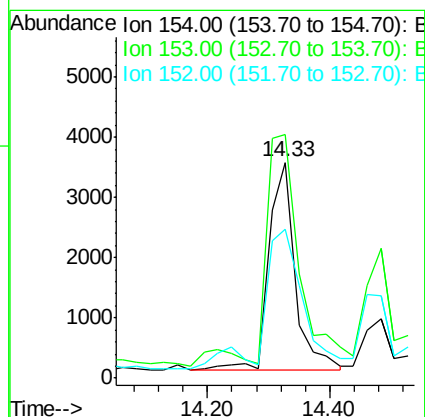
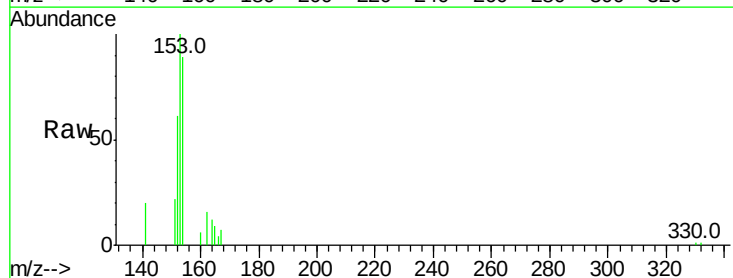
Instrument :
BNA_M
ClientSampleId :
MW-1-FD

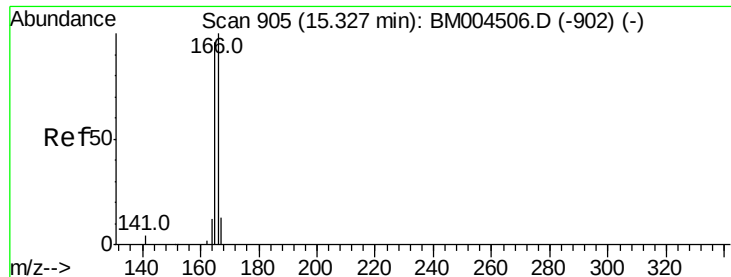
Tot Ion:172 Resp: 57394
Ion Ratio Lower Upper
172 100
171 37.4 29.5 44.3
170 26.0 20.2 30.2



#17
Acenaphthene
Concen: 0.91 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM004517.D
Acq: 02 Mar 2016 13:19

Tgt Ion:154 Resp: 10382
Ion Ratio Lower Upper
154 100
153 128.9 88.7 133.1
152 98.0 41.8 62.8#





#18

Fluorene

Concen: 2.58 ng

RT: 15.33 min Scan# 905

Delta R.T. -0.00 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

Instrument :

BNA_M

ClientSampleId :

MW-1-FD

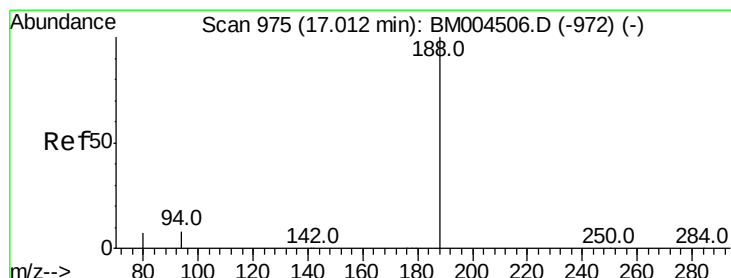
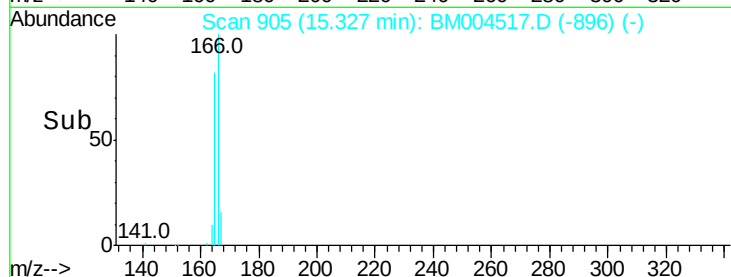
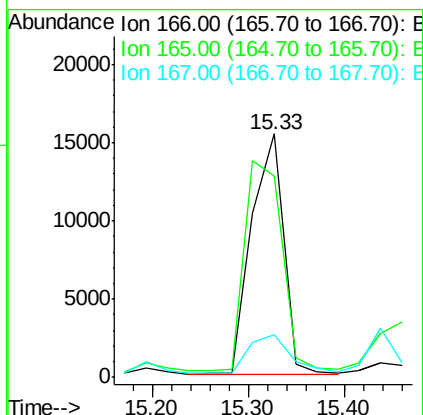
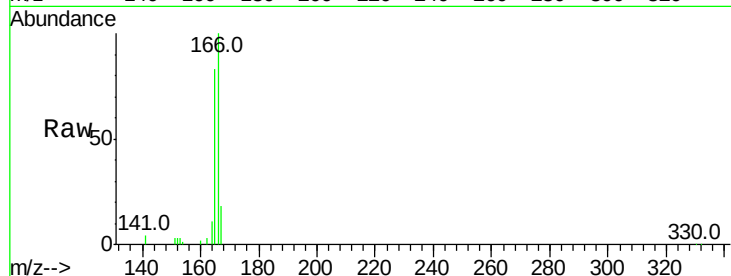
Tot Ion:166 Resp: 35297

Ion Ratio Lower Upper

166 100

165 0.0 77.8 116.6#

167 21.3 10.8 16.2#



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

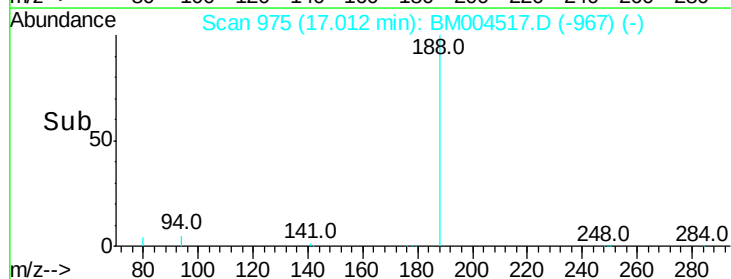
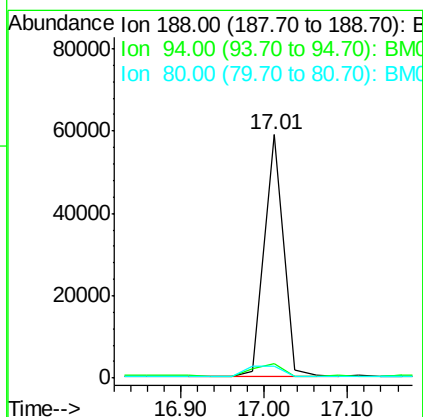
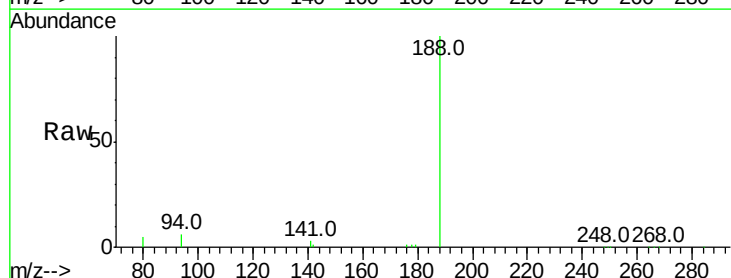
Tgt Ion:188 Resp: 95623

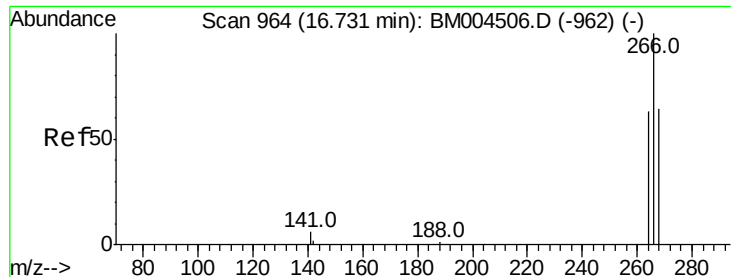
Ion Ratio Lower Upper

188 100

94 5.8 6.3 9.5#

80 5.0 5.9 8.9#





#22

Pentachlorophenol

Concen: 0.59 ng

RT: 16.70 min Scan# 963

Delta R.T. -0.03 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

Instrument :

BNA_M

ClientSampleId :

MW-1-FD

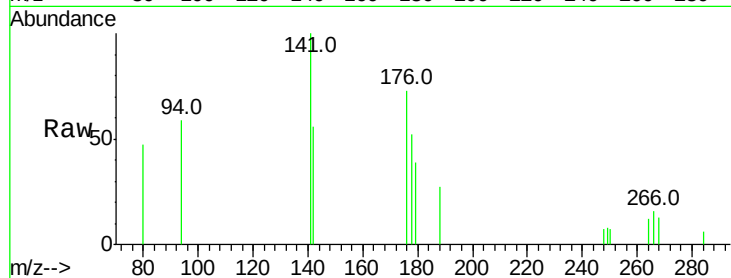
Tot Ion:266 Resp: 261

Ion Ratio Lower Upper

266 100

268 83.3 63.0 94.6

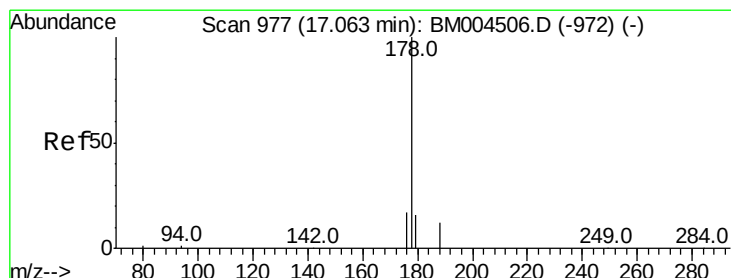
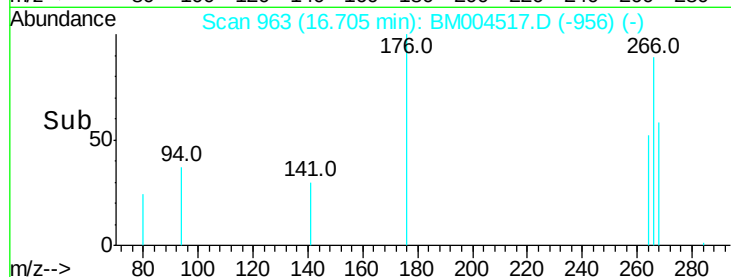
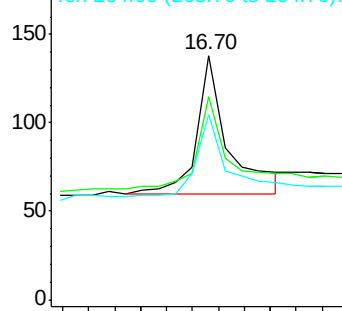
264 76.1 59.6 89.4



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: 0.82 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

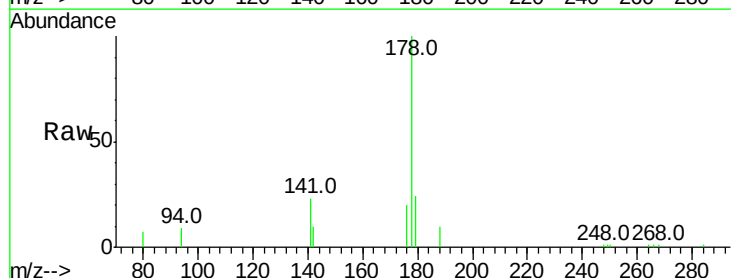
Tgt Ion:178 Resp: 17255

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

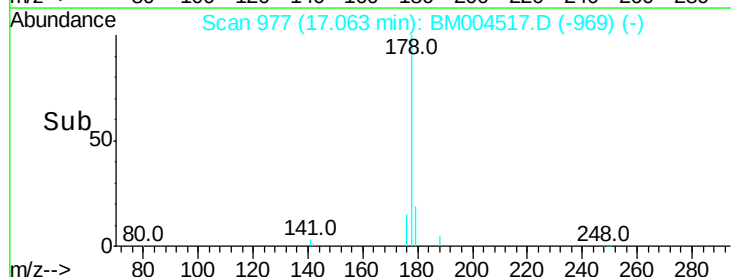
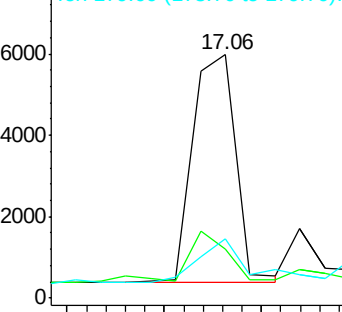
179 23.3 12.8 19.2#

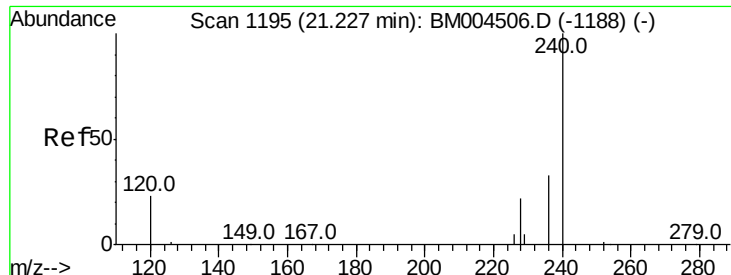


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

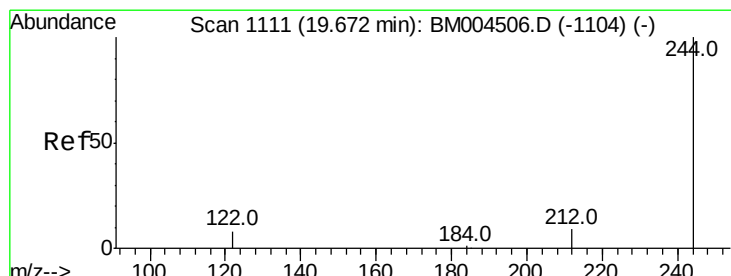
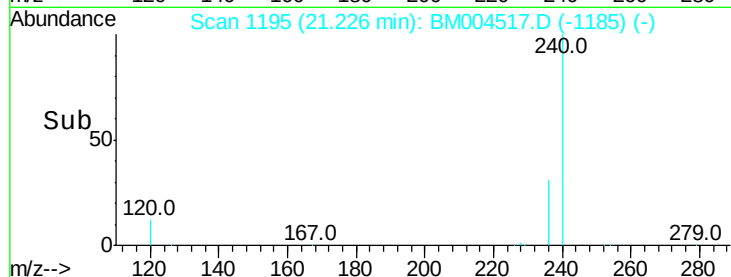
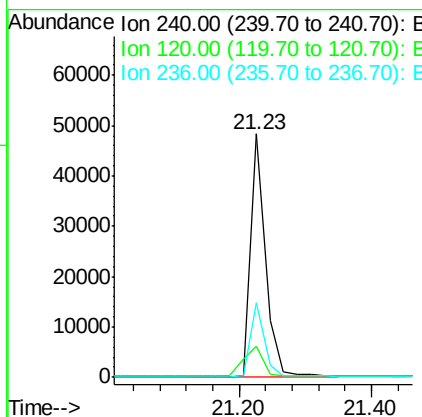
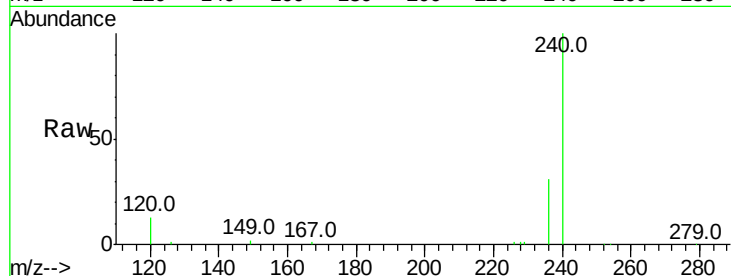




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004517.D
Acq: 02 Mar 2016 13:19

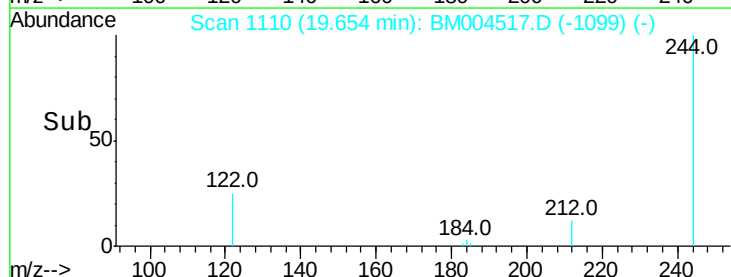
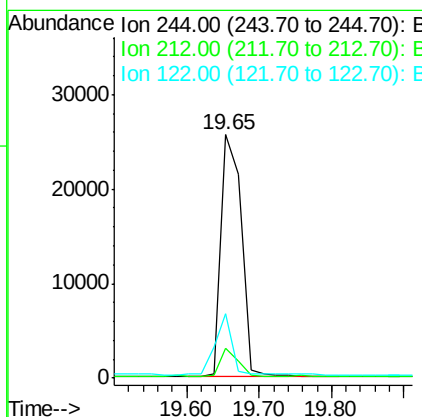
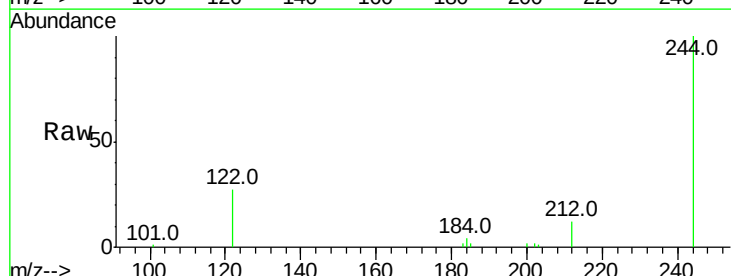
Instrument :
BNA_M
ClientSampleId :
MW-1-FD

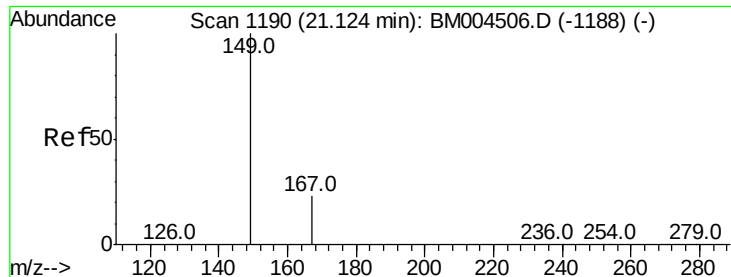
Tot Ion:240 Resp: 76345
Ion Ratio Lower Upper
240 100
120 12.8 18.9 28.3#
236 30.8 26.4 39.6



#29
Terphenyl-d14
Concen: 4.42 ng
RT: 19.65 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BM004517.D
Acq: 02 Mar 2016 13:19

Tgt Ion:244 Resp: 50216
Ion Ratio Lower Upper
244 100
212 12.3 7.8 11.6#
122 26.7 7.0 10.4#





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.19 ng

RT: 21.12 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

Instrument :

BNA_M

ClientSampleId :

MW-1-FD

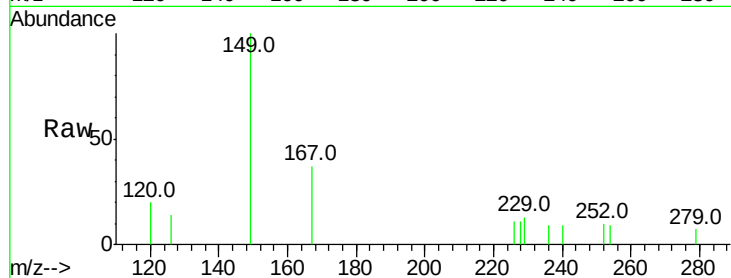
Tot Ion:149 Resp: 1317

Ion Ratio Lower Upper

149 100

167 26.4 20.2 30.4

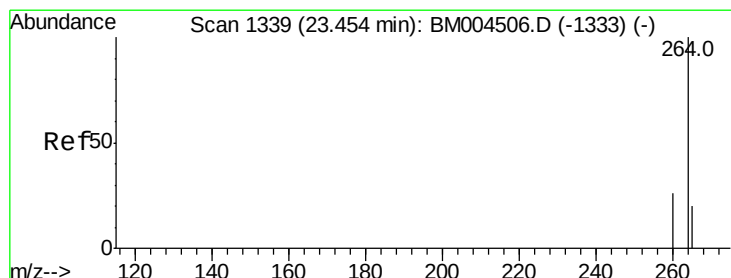
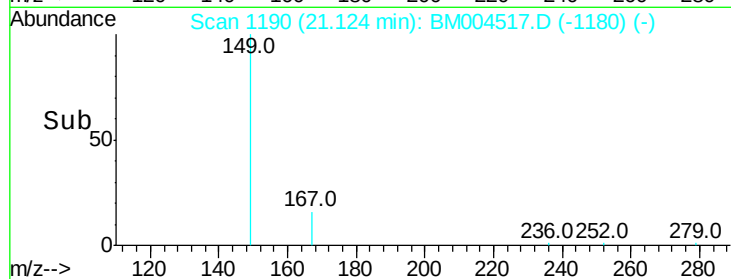
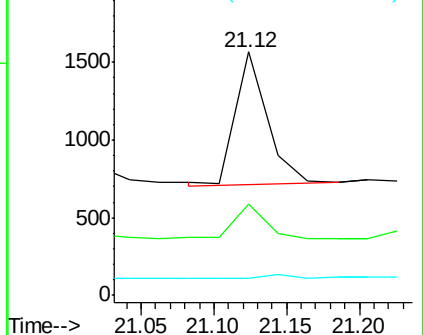
279 0.0 0.0 0.0



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.45 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BM004517.D

Acq: 02 Mar 2016 13:19

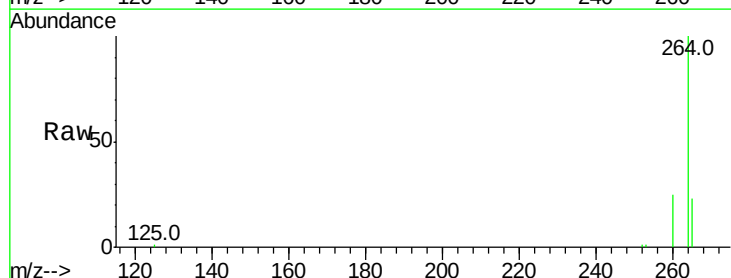
Tgt Ion:264 Resp: 66487

Ion Ratio Lower Upper

264 100

260 25.3 21.2 31.8

265 22.7 17.4 26.0



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

