

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
 Data File : BM004516.D
 Acq On : 02 Mar 2016 12:43
 Operator : SJ/UM
 Sample : H1509-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Quant Time: Mar 02 15:38:17 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

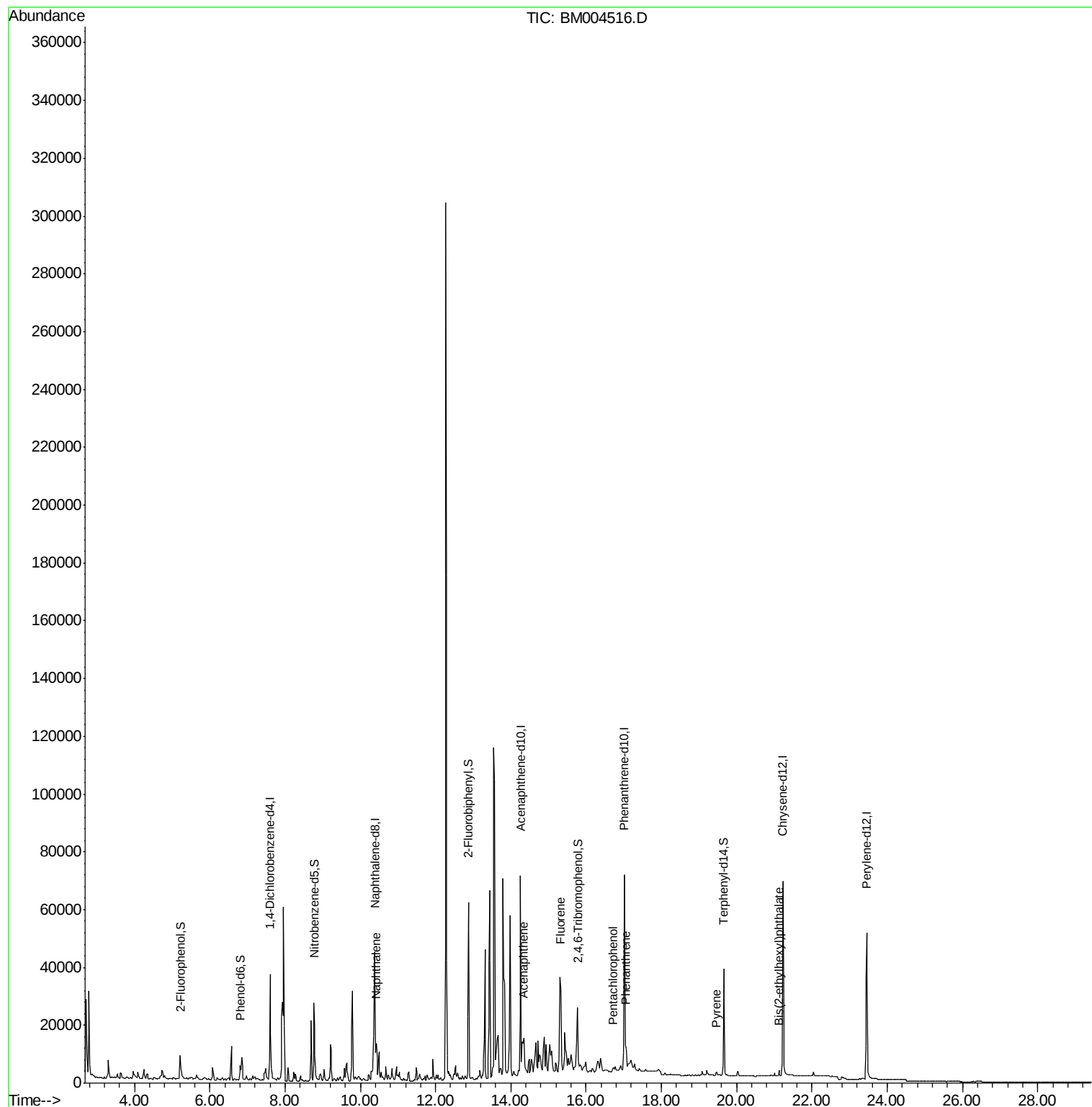
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	20248	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	79493	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	41811	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	100351	5.00	ng	0.00
26) Chrysene-d12	21.23	240	77552	5.00	ng	0.00
35) Perylene-d12	23.45	264	70352	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	13650	3.22	ng	-0.02
5) Phenol-d6	6.81	99	9334	1.76	ng	-0.02
8) Nitrobenzene-d5	8.77	82	18321	4.33	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	14255	9.23	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	62221	4.78	ng	-0.01
29) Terphenyl-d14	19.65	244	51773	4.49	ng	-0.02
Target Compounds						
10) Naphthalene	10.42	128	11768	0.63	ng	# 41
17) Acenaphthene	14.33	154	10516	0.90	ng	# 5
18) Fluorene	15.33	166	33731	2.40	ng	# 11
22) Pentachlorophenol	16.70	266	823	1.38	ng	94
23) Phenanthrene	17.06	178	16053	0.71	ng	# 69
28) Pyrene	19.47	202	1633	0.02	ng	# 90
33) Bis(2-ethylhexyl)phthalate	21.12	149	2439	0.26	ng	# 97

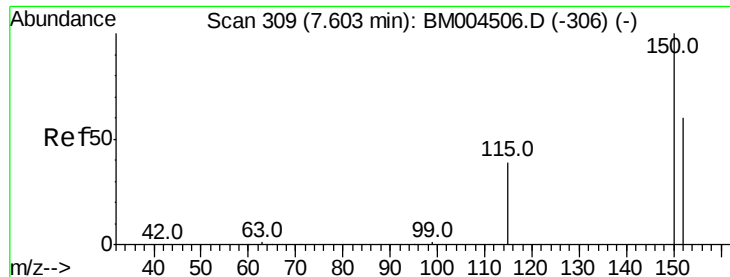
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004516.D

Acq: 02 Mar 2016 12:43

Instrument :

BNA_M

ClientSampleId :

MW-1

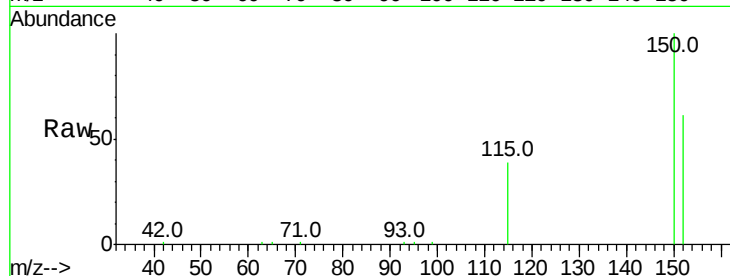
Tot Ion:152 Resp: 20248

Ion Ratio Lower Upper

152 100

150 164.2 134.2 201.2

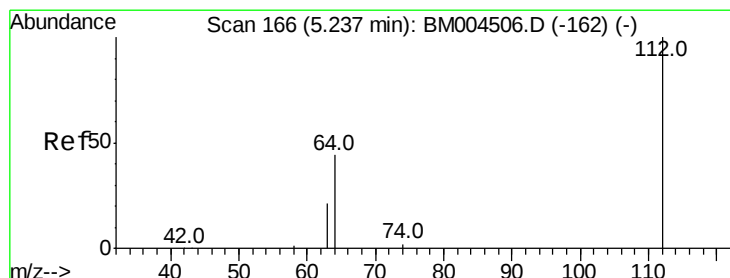
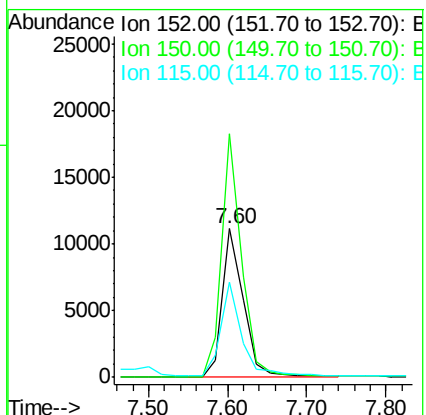
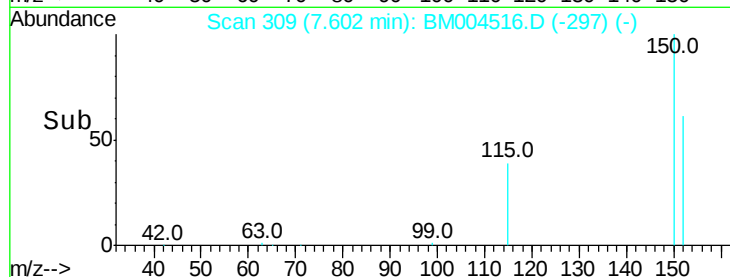
115 63.9 52.2 78.4



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



#4

2-Fluorophenol

Concen: 3.22 ng

RT: 5.22 min Scan# 165

Delta R.T. -0.02 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

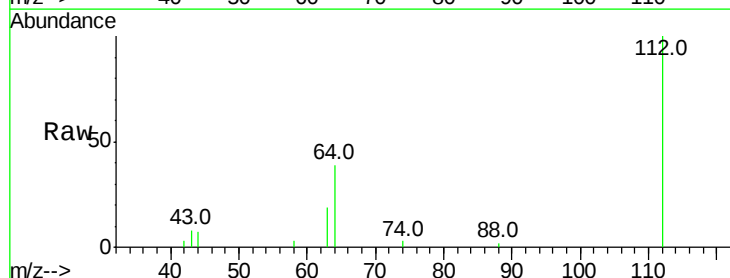
Tgt Ion:112 Resp: 13650

Ion Ratio Lower Upper

112 100

64 48.8 37.0 55.6

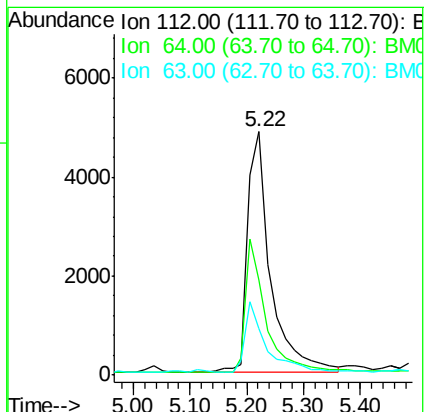
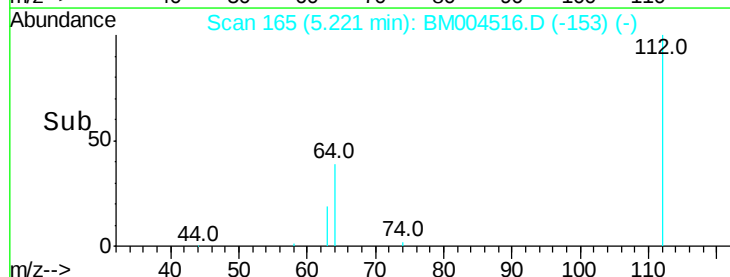
63 26.5 19.0 28.4

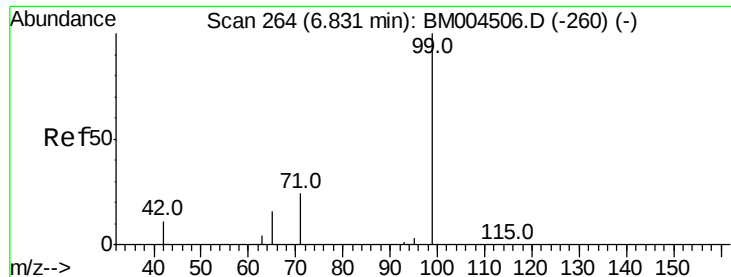


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.76 ng

RT: 6.81 min Scan# 263

Delta R.T. -0.02 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

Instrument :

BNA_M

ClientSampled :

MW-1

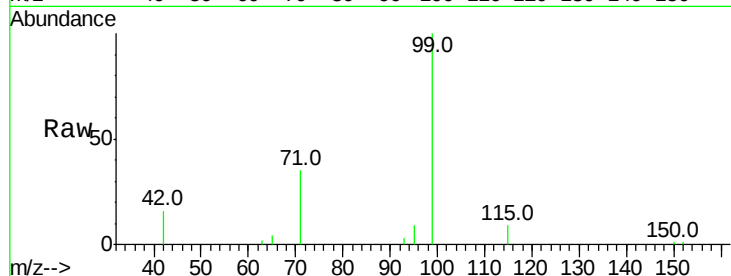
Tot Ion: 99 Resp: 9334

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.4

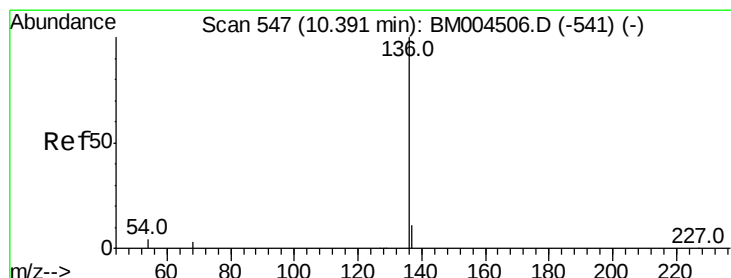
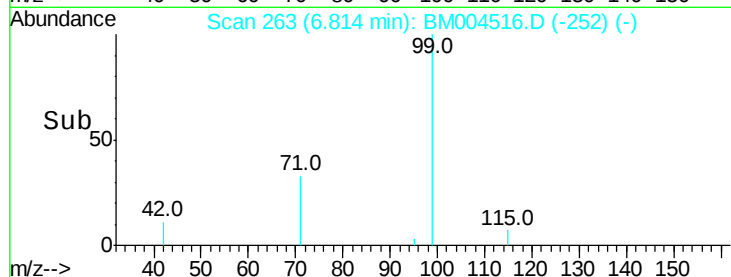
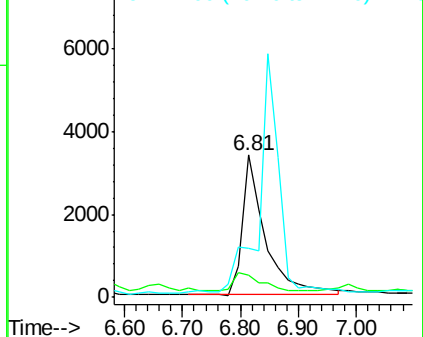
71 0.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM004516.D (-252) (-)

Ion 42.00 (41.70 to 42.70): BM004516.D (-252) (-)

Ion 71.00 (70.70 to 71.70): BM004516.D (-252) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.00 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

Tgt Ion: 136 Resp: 79493

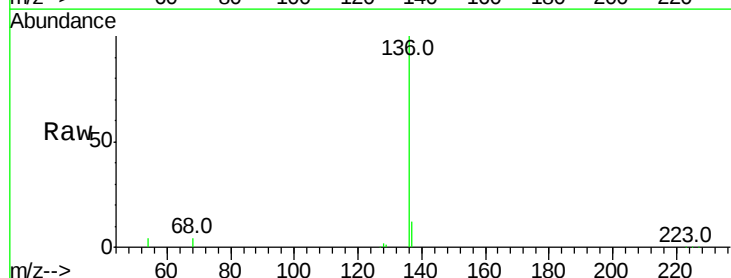
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.6

54 3.8 3.3 4.9

68 3.6 2.9 4.3

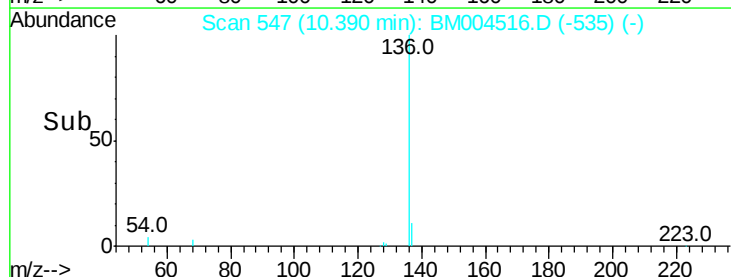
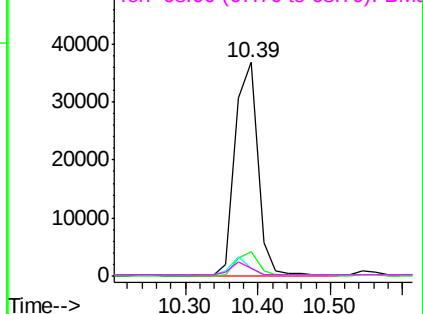


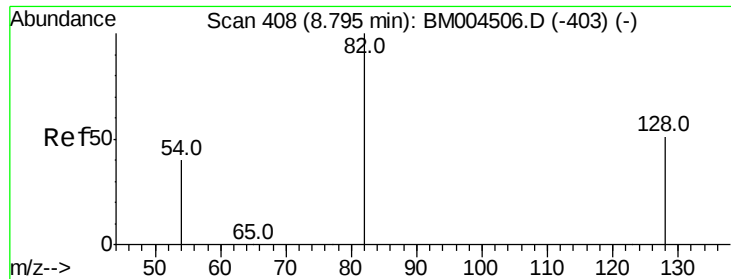
Abundance Ion 136.00 (135.70 to 136.70): BM004516.D (-535) (-)

Ion 137.00 (136.70 to 137.70): BM004516.D (-535) (-)

Ion 54.00 (53.70 to 54.70): BM004516.D (-535) (-)

Ion 68.00 (67.70 to 68.70): BM004516.D (-535) (-)





#8

Nitrobenzene-d5

Concen: 4.33 ng

RT: 8.77 min Scan# 406

Delta R.T. -0.02 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

Instrument :

BNA_M

ClientSampled :

MW-1

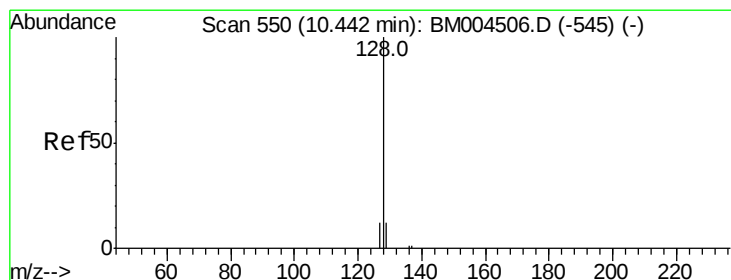
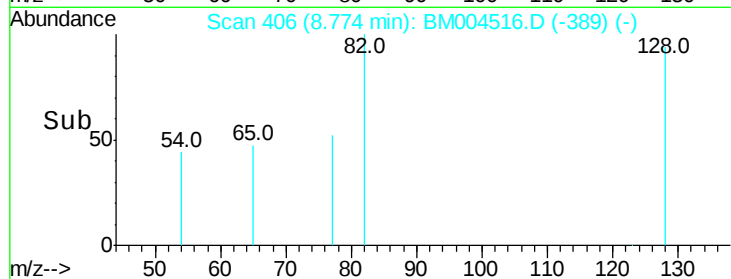
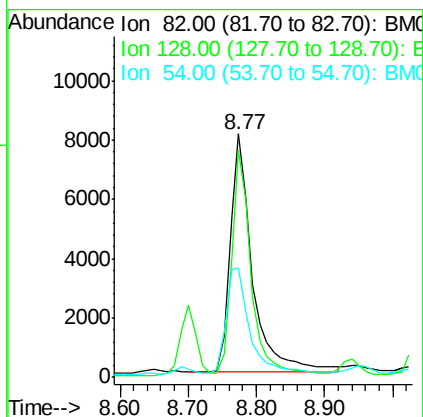
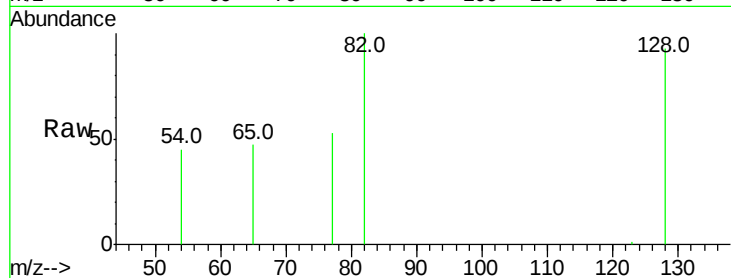
Tot Ion: 82 Resp: 18321

Ion Ratio Lower Upper

82 100

128 93.3 41.9 62.9#

54 44.8 34.2 51.2



#10

Naphthalene

Concen: 0.63 ng

RT: 10.42 min Scan# 549

Delta R.T. -0.02 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

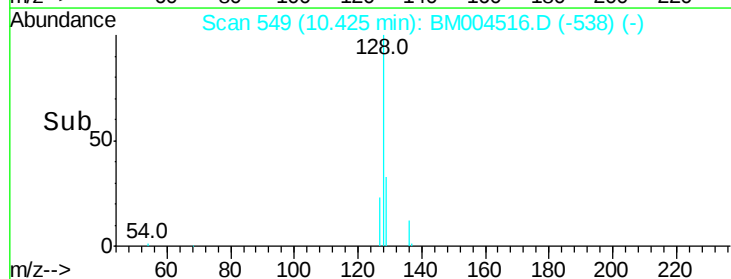
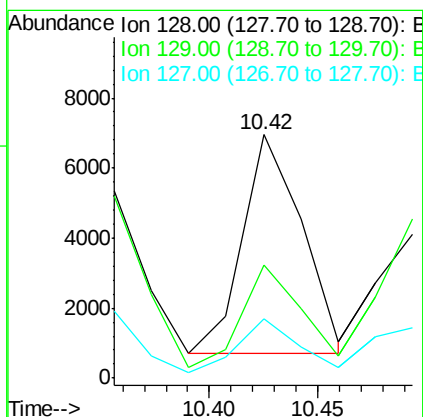
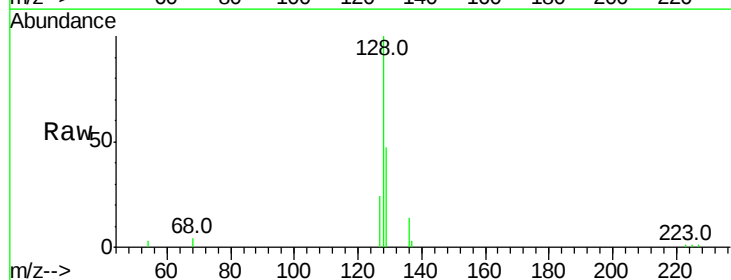
Tgt Ion: 128 Resp: 11768

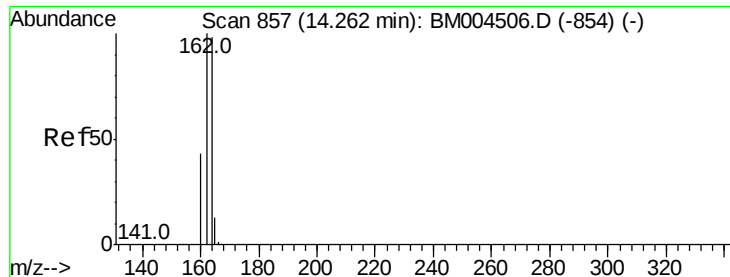
Ion Ratio Lower Upper

128 100

129 46.5 9.8 14.6#

127 24.5 9.9 14.9#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

Instrument :

BNA_M

ClientSampleId :

MW-1

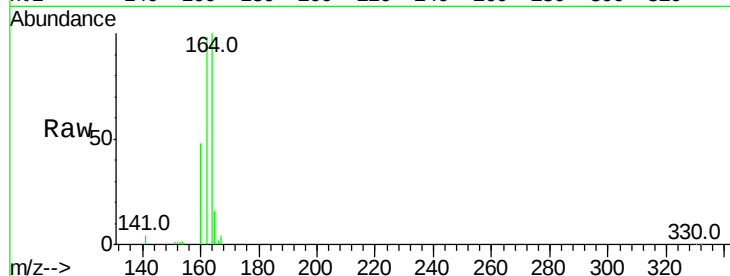
Tot Ion:164 Resp: 41811

Ion Ratio Lower Upper

164 100

162 97.7 81.6 122.4

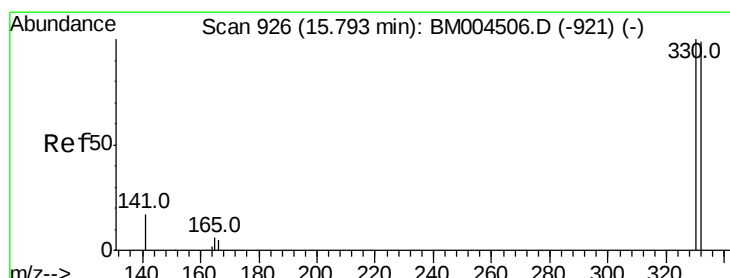
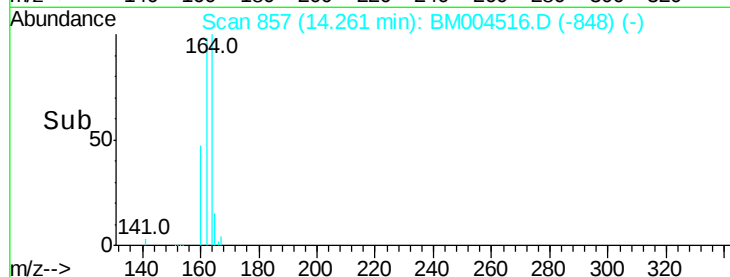
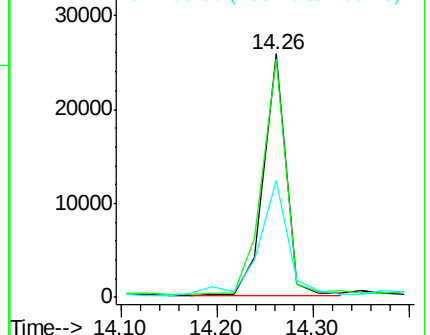
160 48.3 34.9 52.3



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



#14

2,4,6-Tribromophenol

Concen: 9.23 ng

RT: 15.77 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

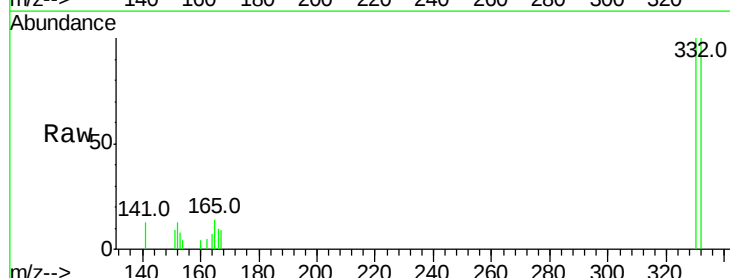
Tgt Ion:330 Resp: 14255

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

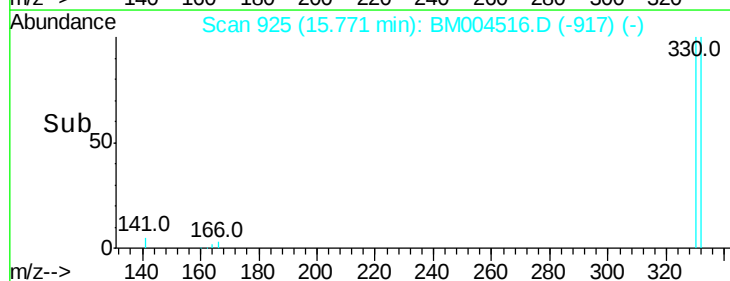
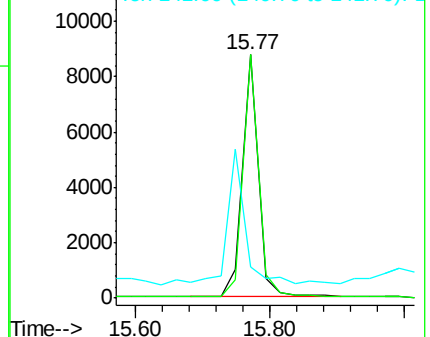
141 0.0 0.0 0.0

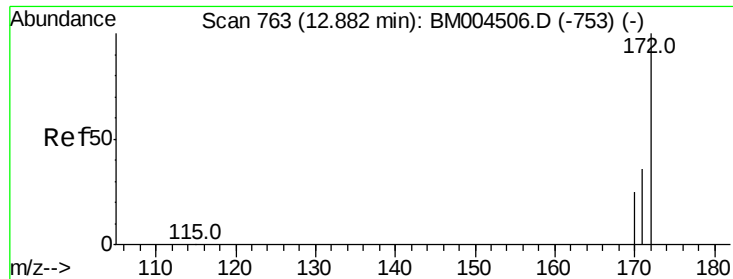


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

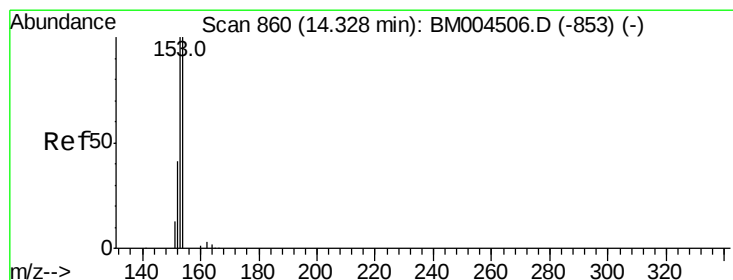
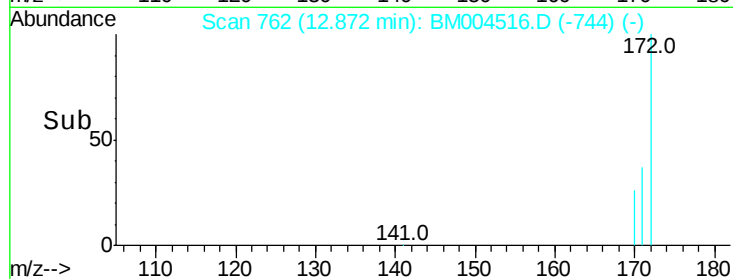
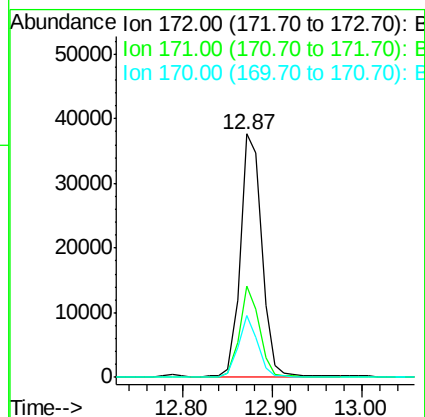
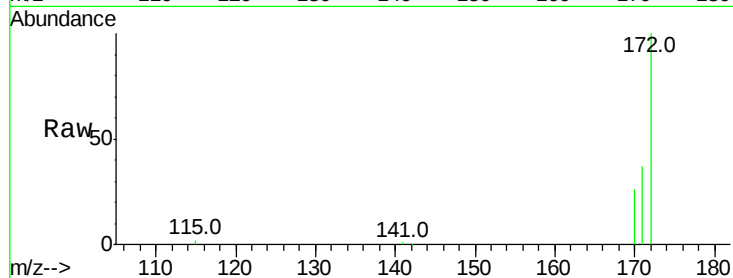




#15
2-Fluorobiphenyl
Concen: 4.78 ng
RT: 12.87 min Scan# 762
Delta R.T. -0.01 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

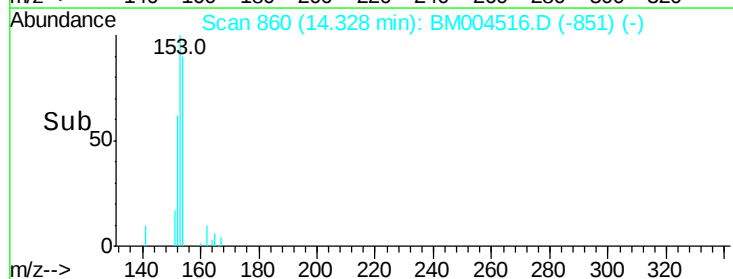
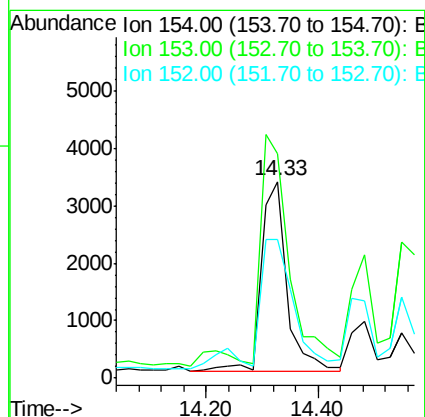
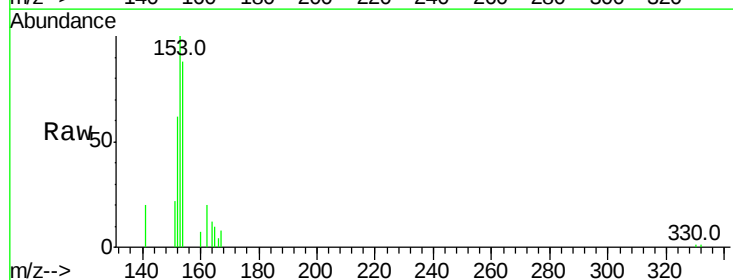
Instrument :
BNA_M
ClientSampleId :
MW-1

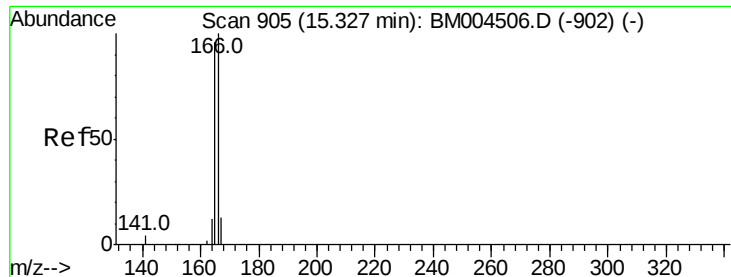
Tot Ion:172 Resp: 62221
Ion Ratio Lower Upper
172 100
171 37.3 29.5 44.3
170 25.7 20.2 30.2



#17
Acenaphthene
Concen: 0.90 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:154 Resp: 10516
Ion Ratio Lower Upper
154 100
153 0.0 88.7 133.1#
152 0.0 41.8 62.8#





#18

Fluorene

Concen: 2.40 ng

RT: 15.33 min Scan# 905

Delta R.T. -0.00 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

Instrument :

BNA_M

ClientSampleId :

MW-1

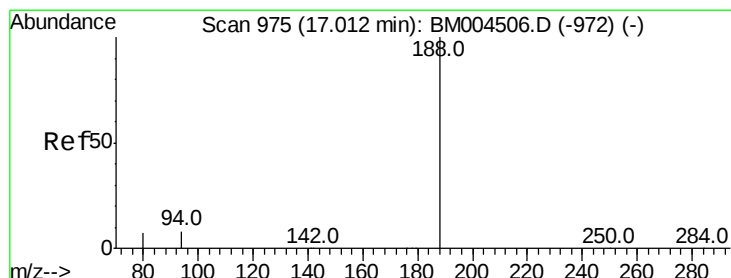
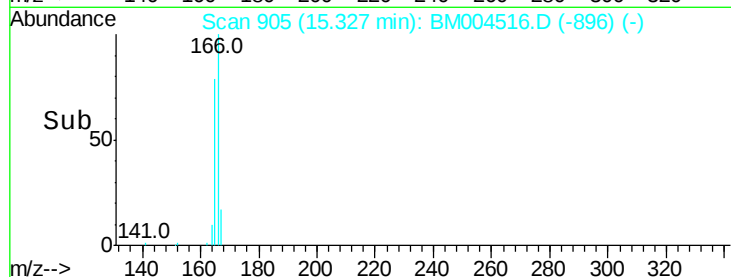
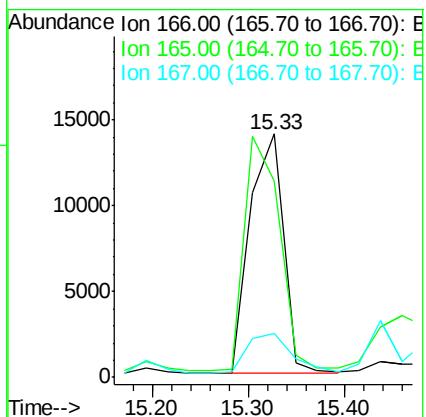
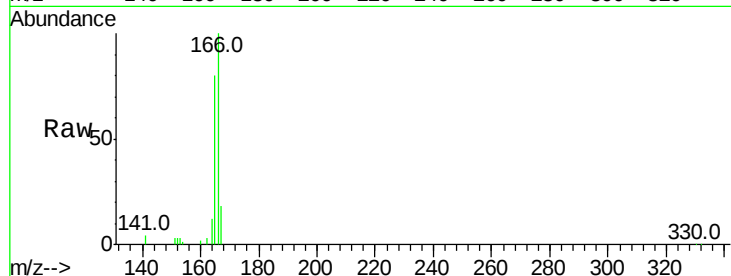
Tot Ion:166 Resp: 33731

Ion Ratio Lower Upper

166 100

165 0.0 77.8 116.6#

167 21.5 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: BM004516.D

Acq: 02 Mar 2016 12:43

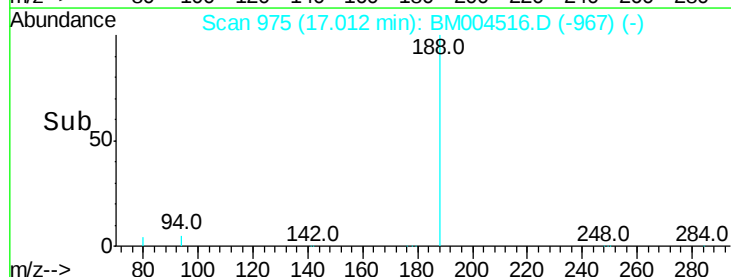
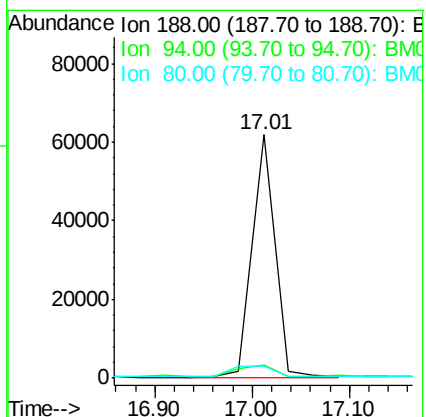
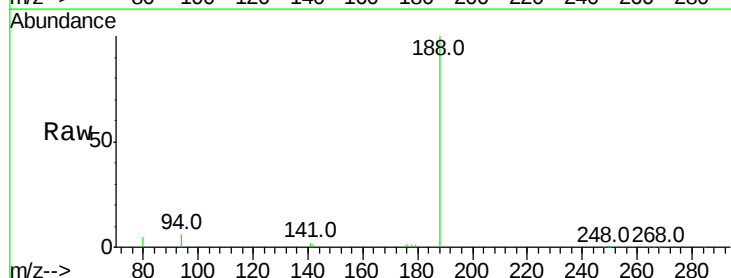
Tgt Ion:188 Resp: 100351

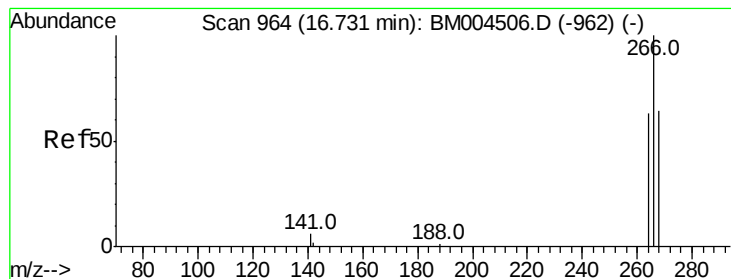
Ion Ratio Lower Upper

188 100

94 5.7 6.3 9.5#

80 4.7 5.9 8.9#





#22

Pentachlorophenol

Concen: 1.38 ng

RT: 16.70 min Scan# 963

Delta R.T. -0.03 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

Instrument :

BNA_M

ClientSampleId :

MW-1

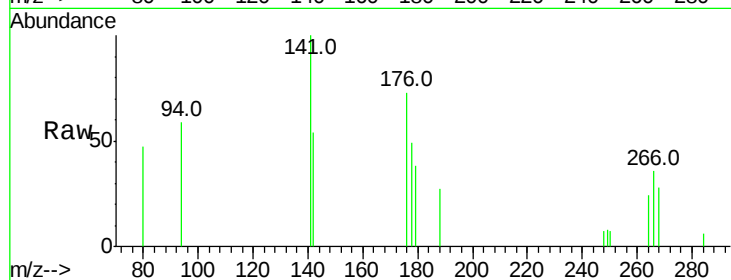
Tot Ion:266 Resp: 823

Ion Ratio Lower Upper

266 100

268 76.3 63.0 94.6

264 67.0 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

16.70

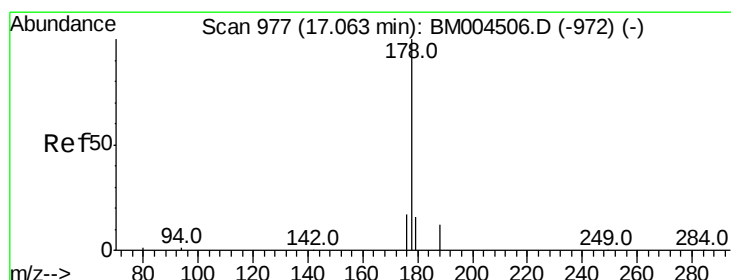
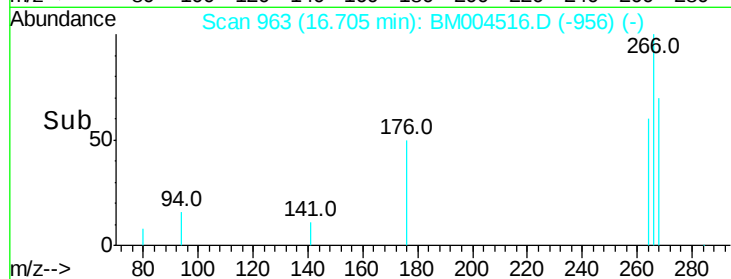
300

200

100

0

Time-->



#23

Phenanthrene

Concen: 0.71 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

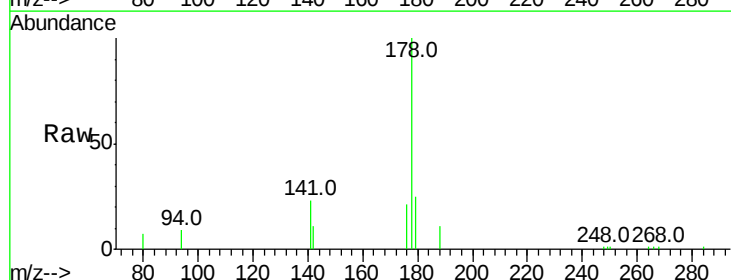
Tgt Ion:178 Resp: 16053

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

179 24.1 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

17.06

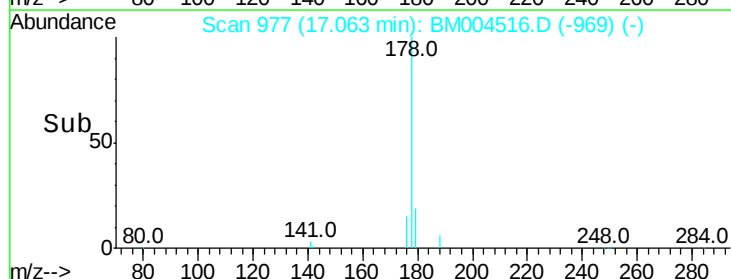
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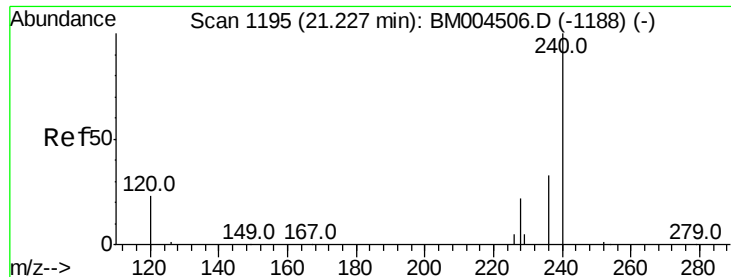
4000

2000

0

Time-->

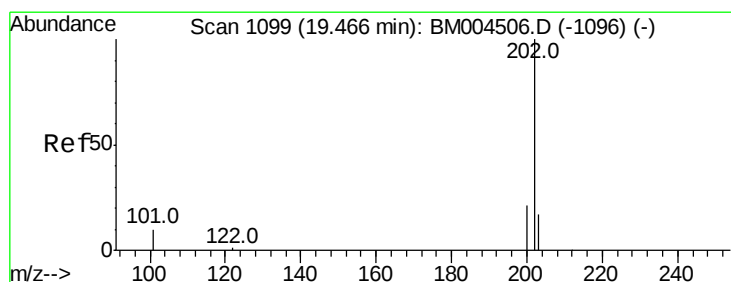
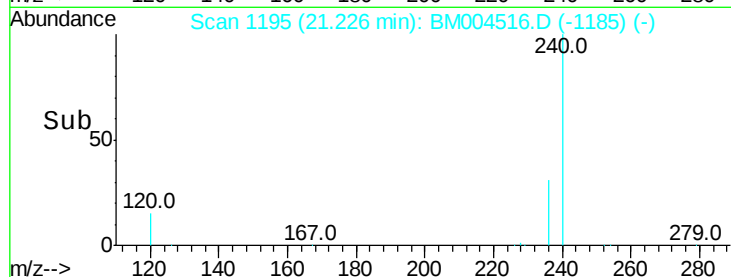
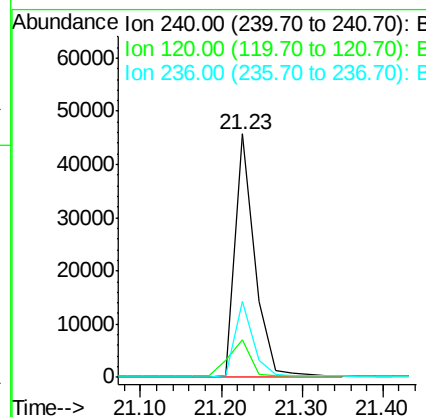
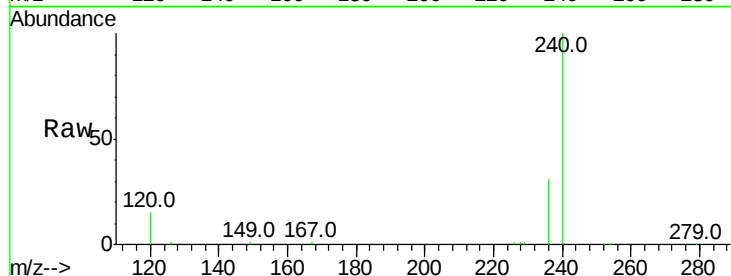




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

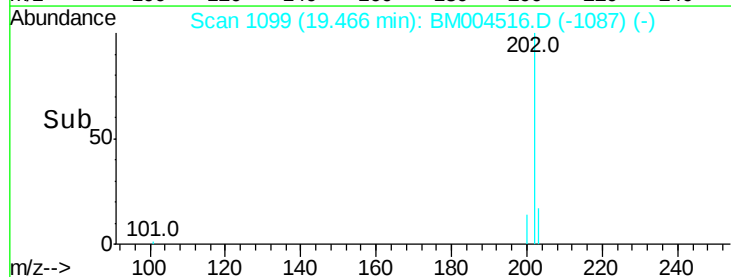
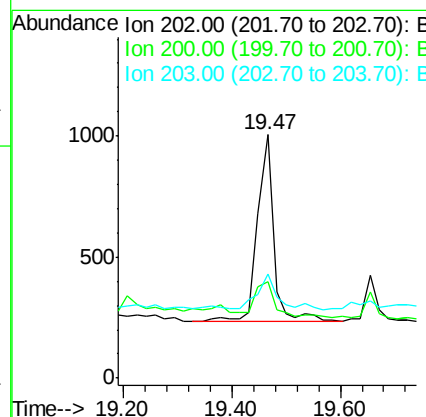
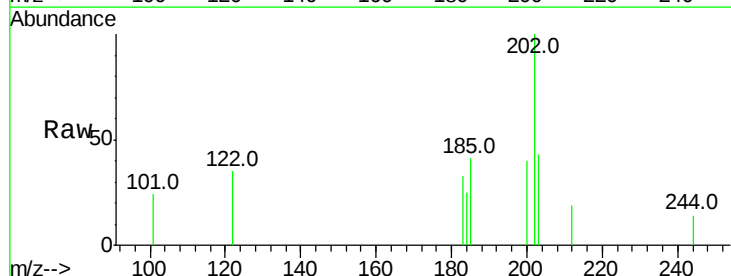
Instrument :
BNA_M
ClientSampleId :
MW-1

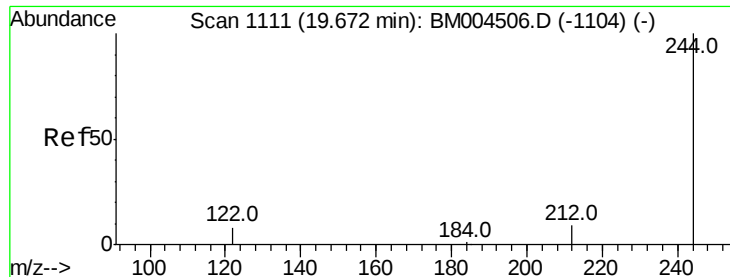
Tot Ion:240 Resp: 77552
Ion Ratio Lower Upper
240 100
120 15.4 18.9 28.3#
236 31.3 26.4 39.6



#28
Pyrene
Concen: 0.02 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:202 Resp: 1633
Ion Ratio Lower Upper
202 100
200 24.1 16.6 25.0
203 23.2 13.7 20.5#





#29

Terphenyl-d14

Concen: 4.49 ng

RT: 19.65 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

Instrument :

BNA_M

ClientSampleId :

MW-1

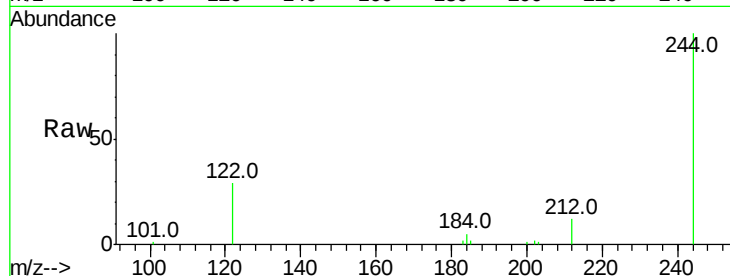
Tot Ion:244 Resp: 51773

Ion Ratio Lower Upper

244 100

212 12.4 7.8 11.6#

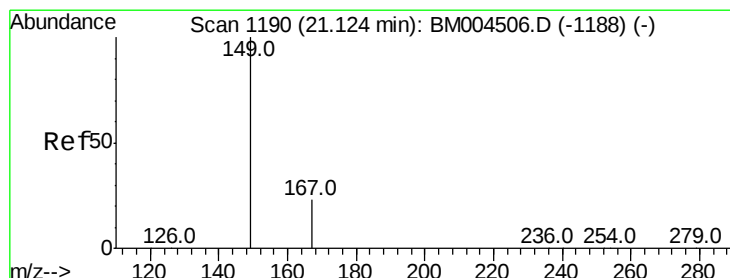
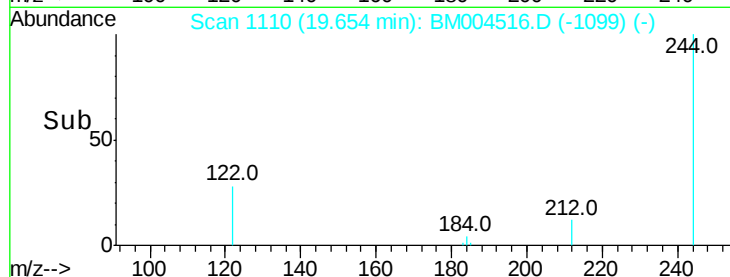
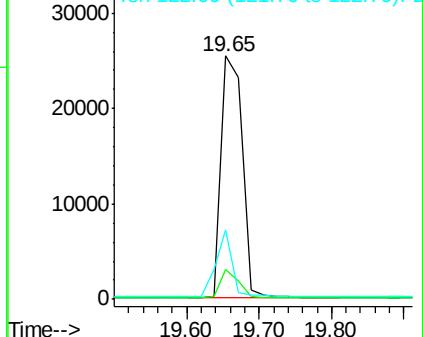
122 28.8 7.0 10.4#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 21.12 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

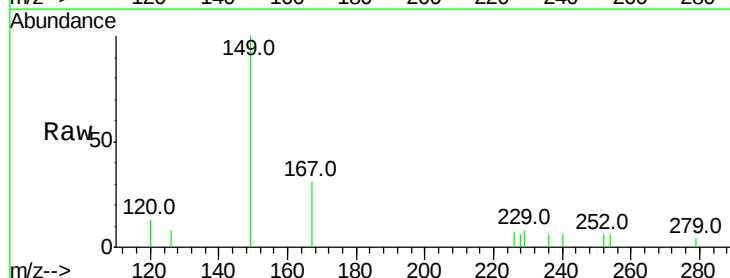
Tgt Ion:149 Resp: 2439

Ion Ratio Lower Upper

149 100

167 24.0 20.2 30.4

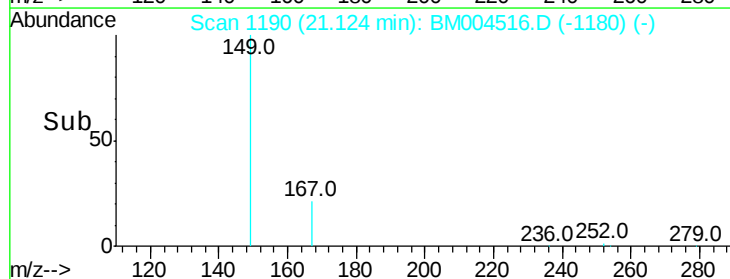
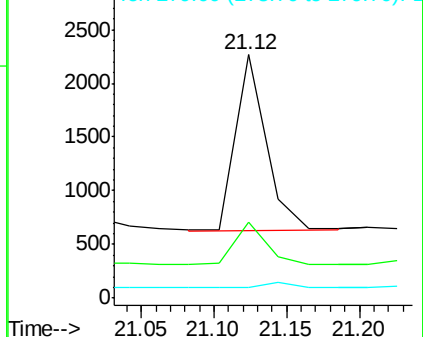
279 0.0 0.0 0.0

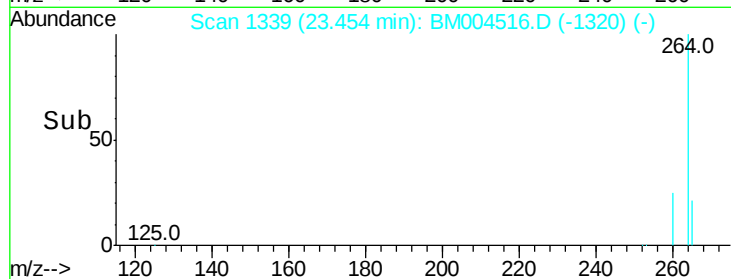
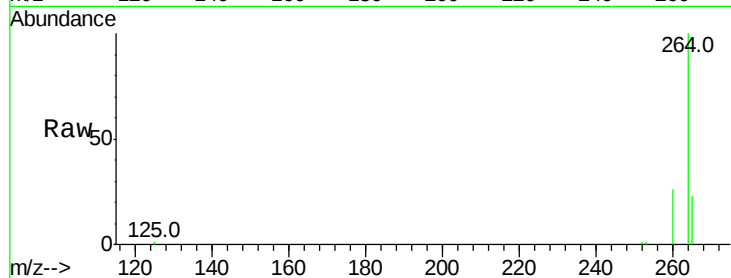
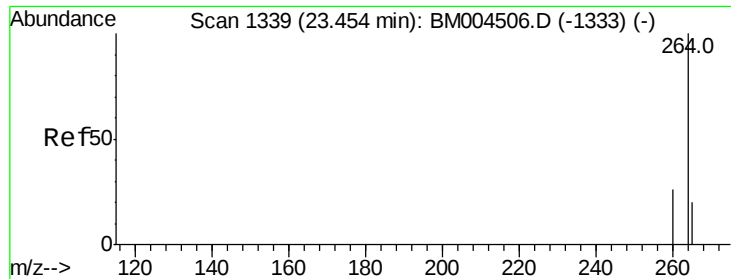


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.45 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BM004516.D

Acq: 02 Mar 2016 12:43

Instrument :

BNA_M

ClientSampleId :

MW-1

Tot Ion:264 Resp: 70352

Ion Ratio Lower Upper

264 100

260 25.5 21.2 31.8

265 22.5 17.4 26.0

