

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
 Data File : BM004520.D
 Acq On : 02 Mar 2016 15:08
 Operator : SJ/UM
 Sample : H1509-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-3

Quant Time: Mar 02 16:11:27 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

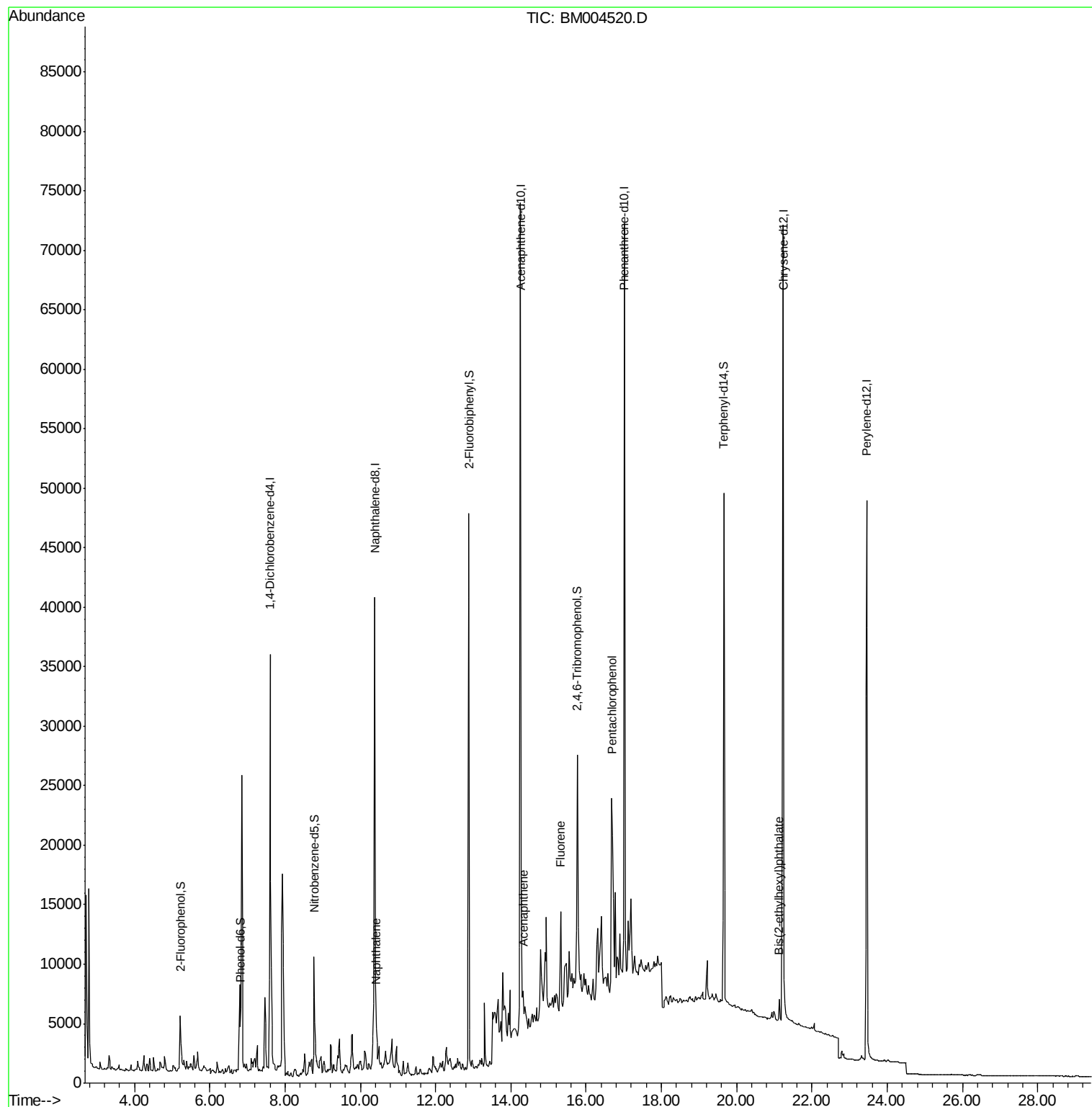
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	19139	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	75287	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	53909	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	90940	5.00	ng	0.00
26) Chrysene-d12	21.23	240	73356	5.00	ng	0.00
35) Perylene-d12	23.45	264	63517	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	7900	1.97	ng	-0.02
5) Phenol-d6	6.81	99	6934	1.41	ng	-0.02
8) Nitrobenzene-d5	8.77	82	12438	3.15	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	13767	6.97	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	47541	2.84	ng	0.00
29) Terphenyl-d14	19.66	244	46631	4.27	ng	-0.01
Target Compounds						
10) Naphthalene	10.42	128	1615	0.09	ng	# 8
17) Acenaphthene	14.32	154	3714	0.22	ng	# 77
18) Fluorene	15.32	166	6049	0.31	ng	# 92
22) Pentachlorophenol	16.68	266	20045	16.56	ng	# 80
33) Bis(2-ethylhexyl)phthalate	21.13	149	2074	0.24	ng	# 90

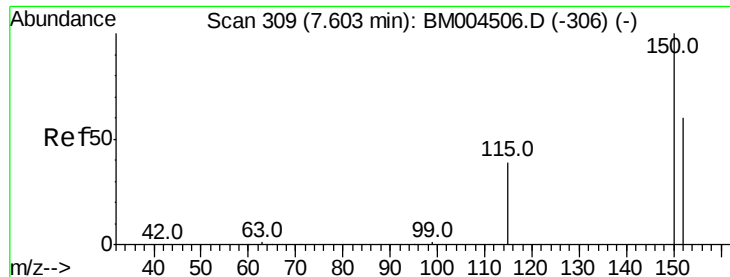
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004520.D

Acq: 02 Mar 2016 15:08

Instrument :

BNA_M

ClientSampleId :

MW-3

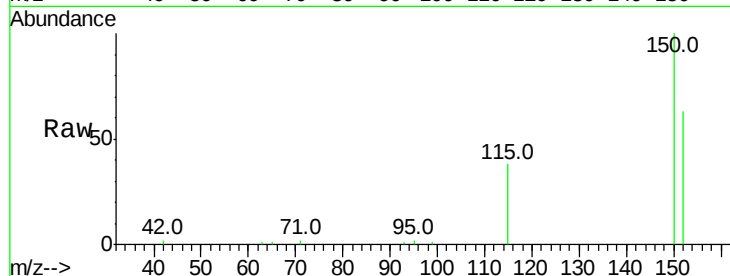
Tot Ion:152 Resp: 19139

Ion Ratio Lower Upper

152 100

150 159.2 134.2 201.2

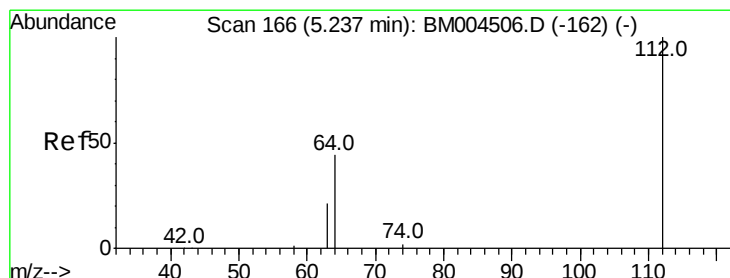
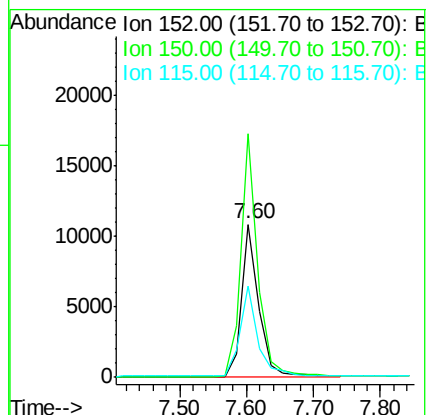
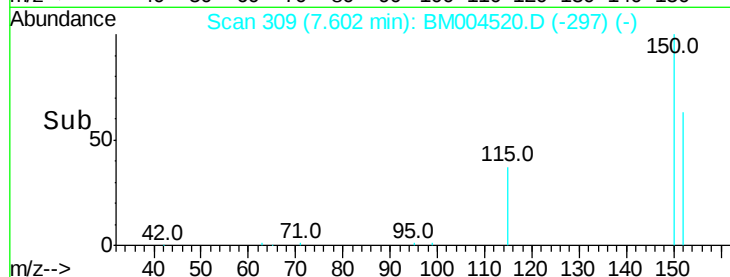
115 59.9 52.2 78.4



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: 1.97 ng

RT: 5.22 min Scan# 165

Delta R.T. -0.02 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

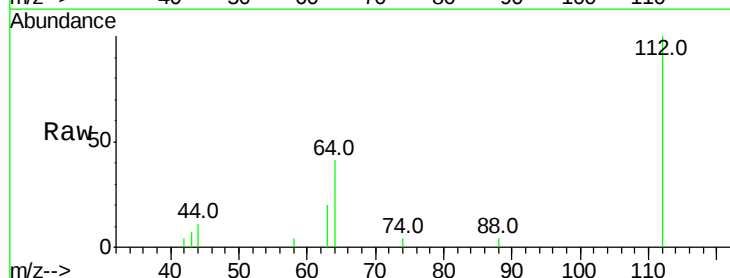
Tgt Ion:112 Resp: 7900

Ion Ratio Lower Upper

112 100

64 48.2 37.0 55.6

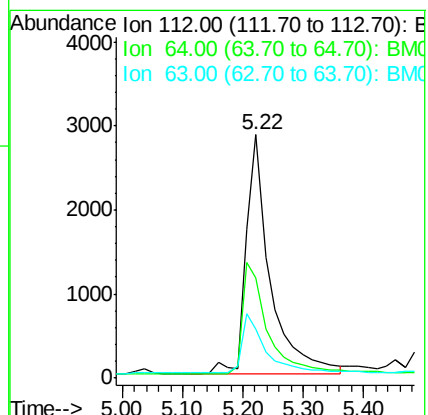
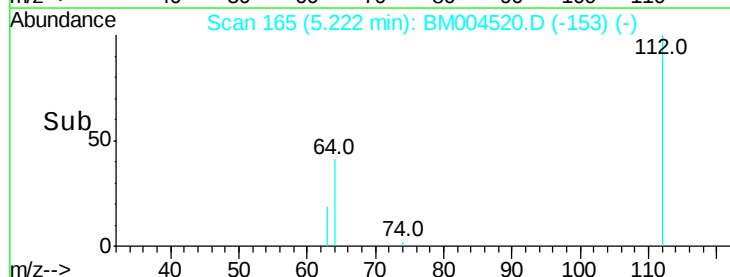
63 24.4 19.0 28.4

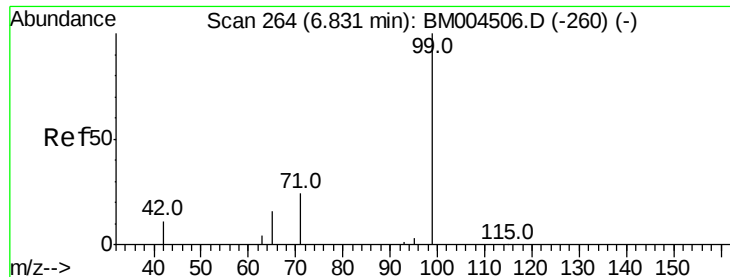


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#5

Phenol-d6

Concen: 1.41 ng

RT: 6.81 min Scan# 263

Delta R.T. -0.02 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

Instrument :

BNA_M

ClientSampled :

MW-3

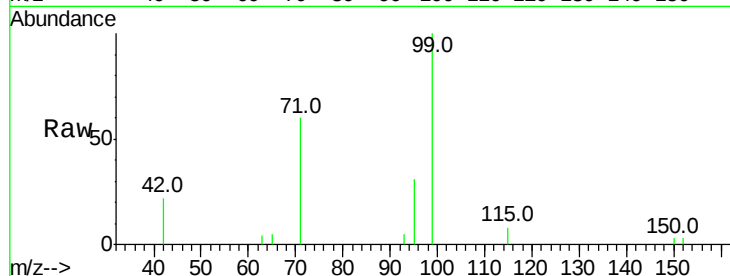
Tot Ion: 99 Resp: 6934

Ion Ratio Lower Upper

99 100

42 0.0 12.2 18.4#

71 0.0 23.4 35.2#

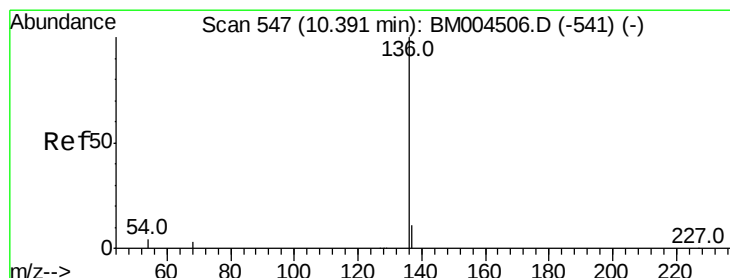
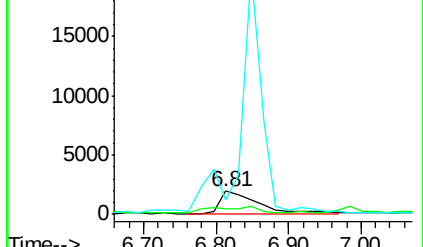
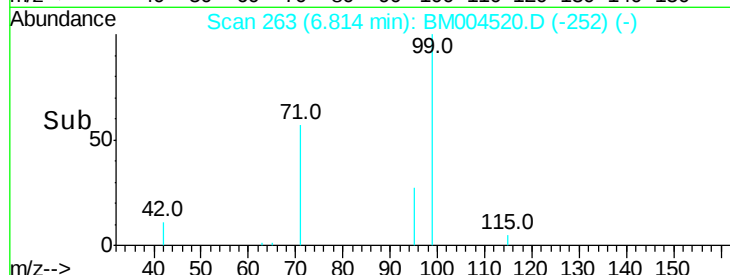


Abundance Ion 99.00 (98.70 to 99.70): BM004520.D (-260) (-)

Ion 42.00 (41.70 to 42.70): BM004520.D (-260) (-)

Ion 71.00 (70.70 to 71.70): BM004520.D (-260) (-)

Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.00 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

Tgt Ion: 136 Resp: 75287

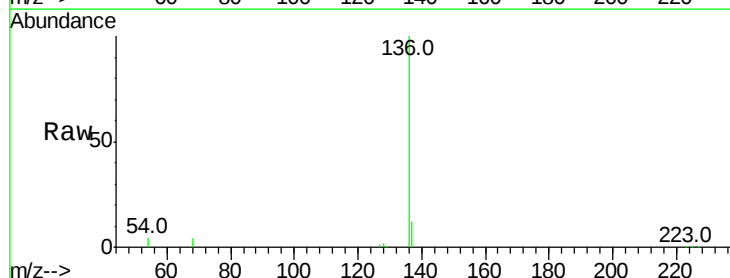
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 4.4 3.3 4.9

68 4.3 2.9 4.3#



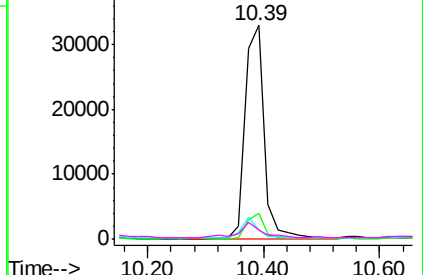
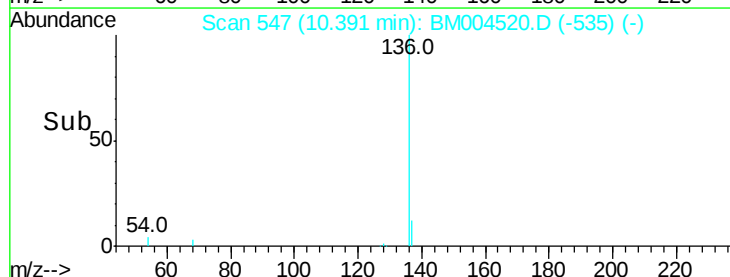
Abundance Ion 136.00 (135.70 to 136.70): BM004520.D (-541) (-)

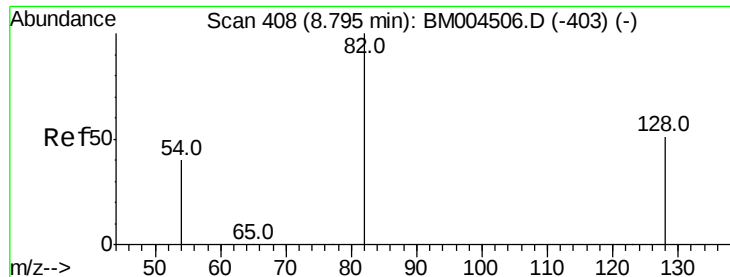
Ion 137.00 (136.70 to 137.70): BM004520.D (-541) (-)

Ion 54.00 (53.70 to 54.70): BM004520.D (-541) (-)

Ion 68.00 (67.70 to 68.70): BM004520.D (-541) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 3.15 ng

RT: 8.77 min Scan# 406

Delta R.T. -0.02 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

Instrument :

BNA_M

ClientSampled :

MW-3

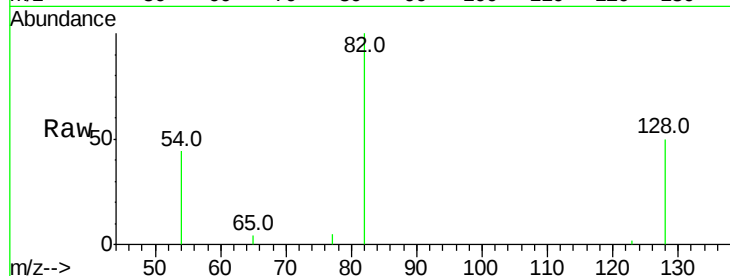
Tot Ion: 82 Resp: 12438

Ion Ratio Lower Upper

82 100

128 50.3 41.9 62.9

54 44.5 34.2 51.2

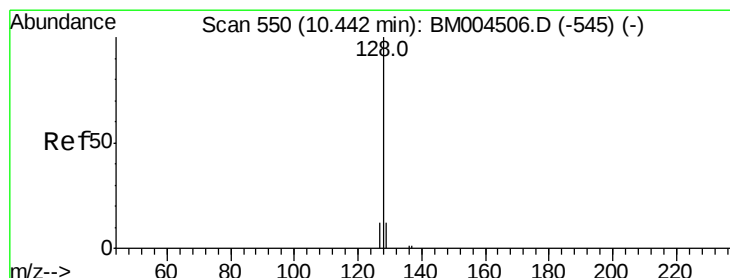
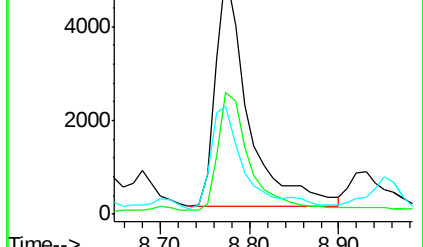
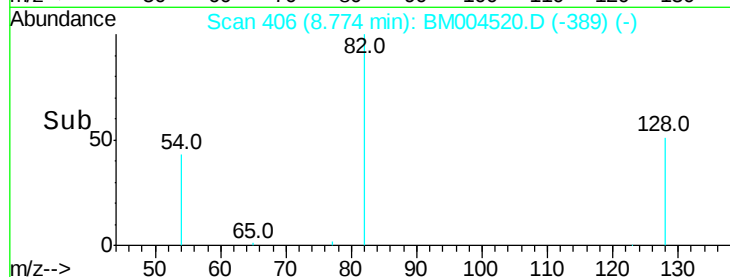


Abundance Ion 82.00 (81.70 to 82.70): BM004520.D (-389) (-)

Ion 128.00 (127.70 to 128.70): BM004520.D (-389) (-)

Ion 54.00 (53.70 to 54.70): BM004520.D (-389) (-)

Time-->



#10

Naphthalene

Concen: 0.09 ng

RT: 10.42 min Scan# 549

Delta R.T. -0.02 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

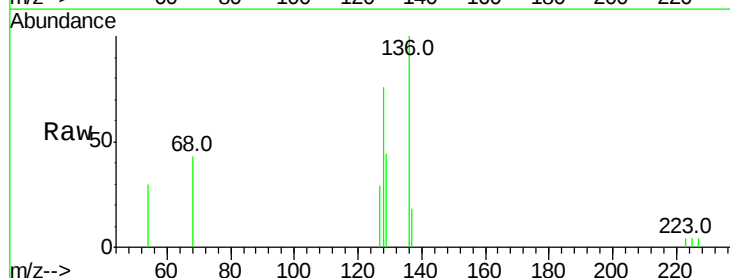
Tgt Ion: 128 Resp: 1615

Ion Ratio Lower Upper

128 100

129 58.8 9.8 14.6#

127 38.2 9.9 14.9#

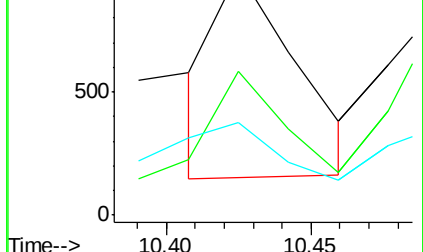
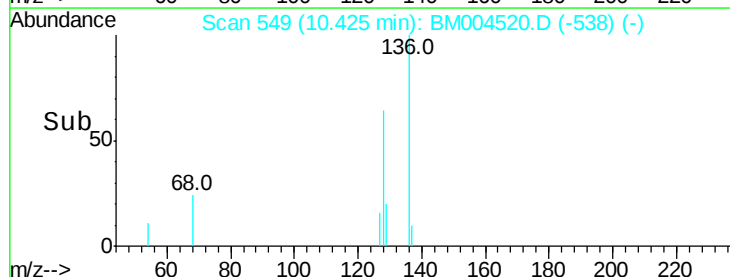


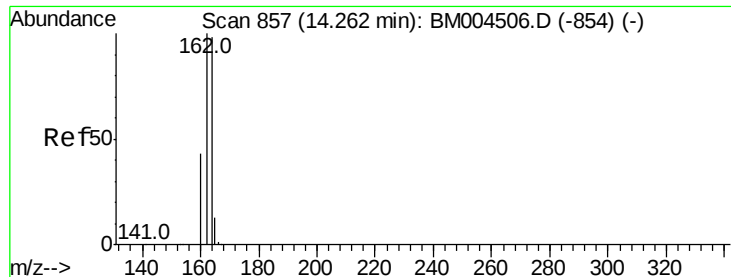
Abundance Ion 128.00 (127.70 to 128.70): BM004520.D (-538) (-)

Ion 129.00 (128.70 to 129.70): BM004520.D (-538) (-)

Ion 127.00 (126.70 to 127.70): BM004520.D (-538) (-)

Time-->





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

Instrument :

BNA_M

ClientSampleId :

MW-3

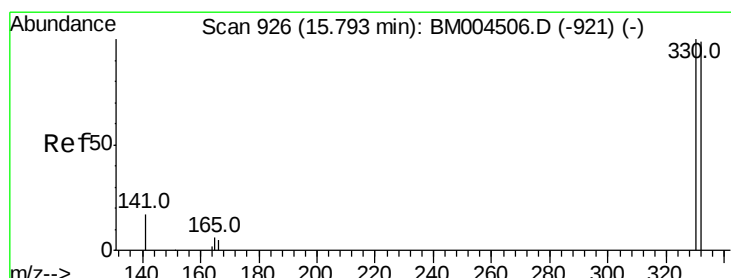
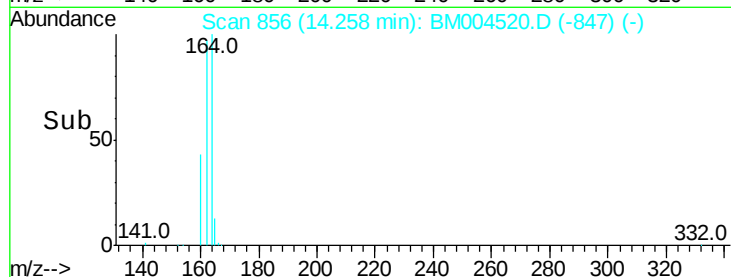
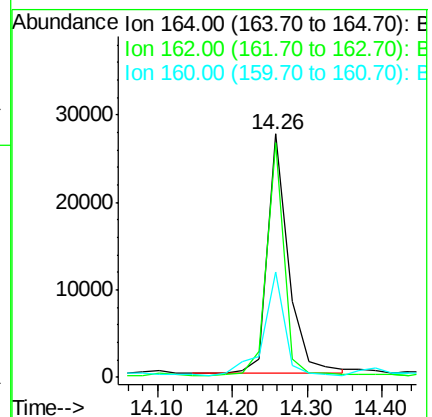
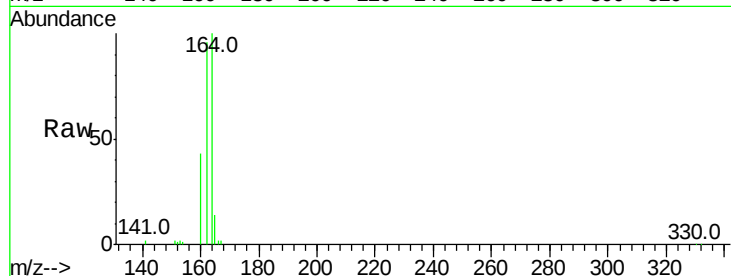
Tot Ion:164 Resp: 53909

Ion Ratio Lower Upper

164 100

162 96.3 81.6 122.4

160 43.4 34.9 52.3



#14

2,4,6-Tribromophenol

Concen: 6.97 ng

RT: 15.77 min Scan# 924

Delta R.T. -0.03 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

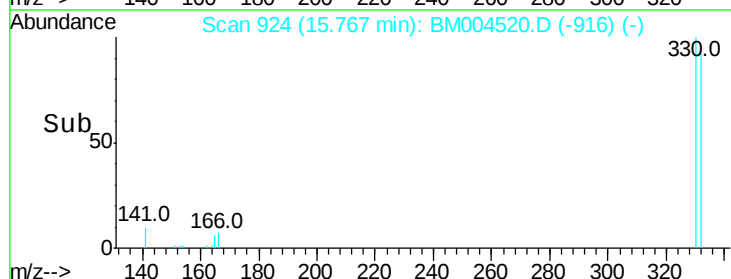
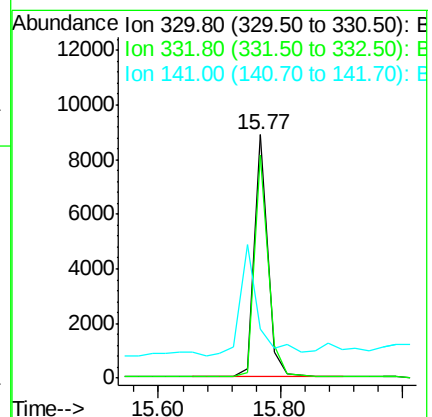
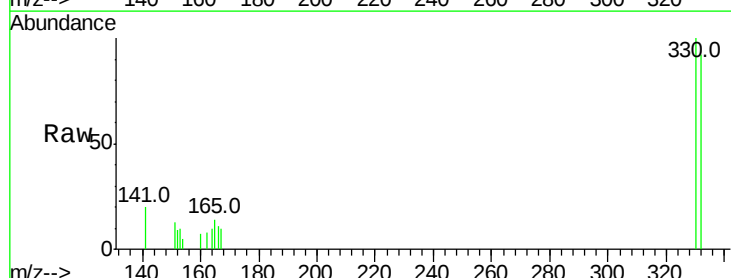
Tgt Ion:330 Resp: 13767

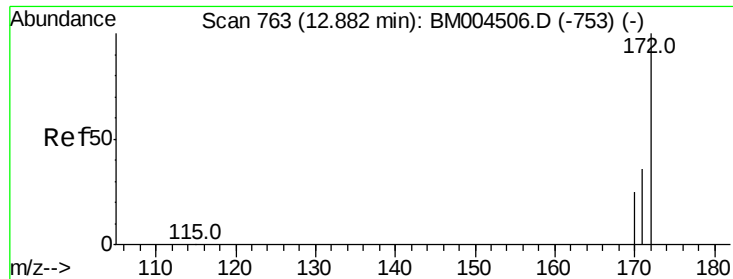
Ion Ratio Lower Upper

330 100

332 93.6 76.6 114.8

141 0.0 0.0 0.0

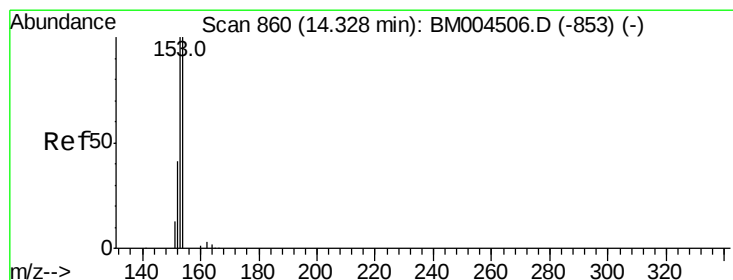
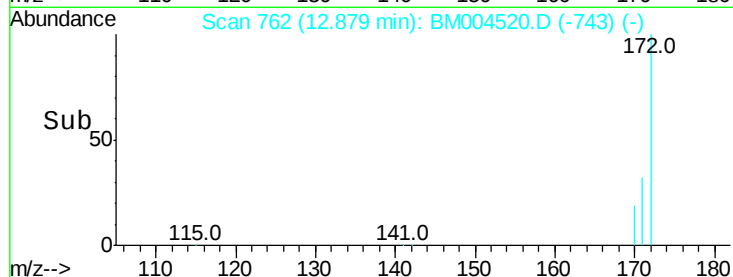
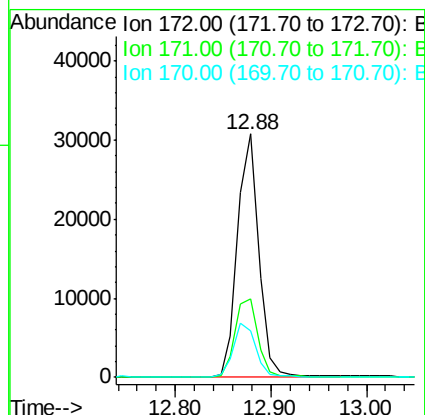
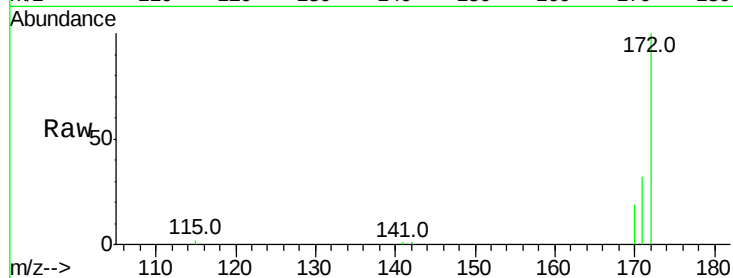




#15
2-Fluorobiphenyl
Concen: 2.84 ng
RT: 12.88 min Scan# 762
Delta R.T. -0.00 min
Lab File: BM004520.D
Acq: 02 Mar 2016 15:08

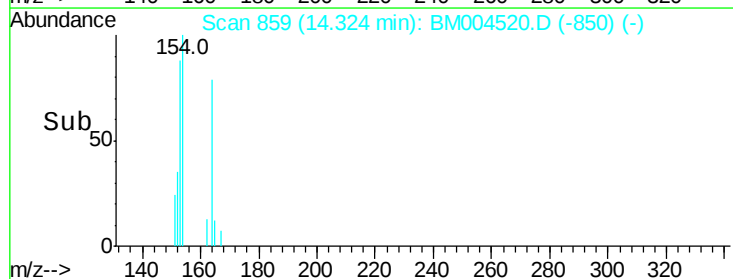
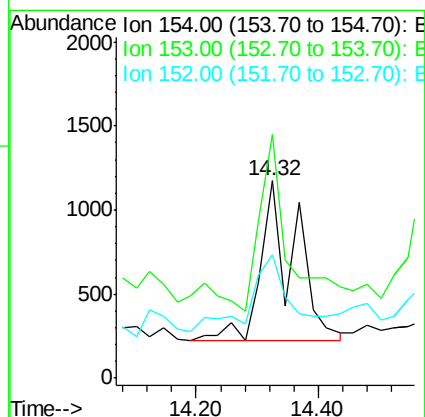
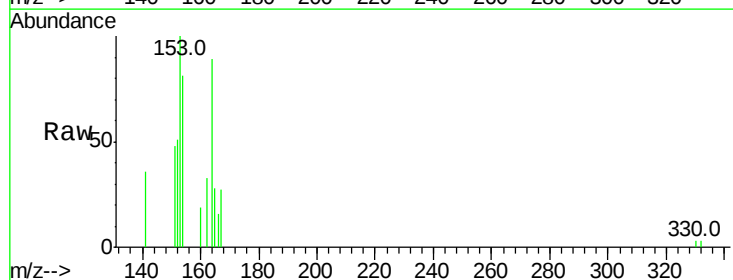
Instrument :
BNA_M
ClientSampleId :
MW-3

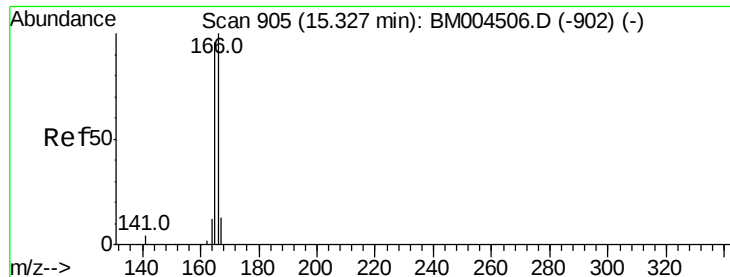
Tot Ion:172 Resp: 47541
Ion Ratio Lower Upper
172 100
171 32.4 29.5 44.3
170 19.3 20.2 30.2#



#17
Acenaphthene
Concen: 0.22 ng
RT: 14.32 min Scan# 859
Delta R.T. -0.00 min
Lab File: BM004520.D
Acq: 02 Mar 2016 15:08

Tgt Ion:154 Resp: 3714
Ion Ratio Lower Upper
154 100
153 76.7 88.7 133.1#
152 54.3 41.8 62.8





#18

Fluorene

Concen: 0.31 ng

RT: 15.32 min Scan# 904

Delta R.T. -0.00 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

Instrument :

BNA_M

ClientSampleId :

MW-3

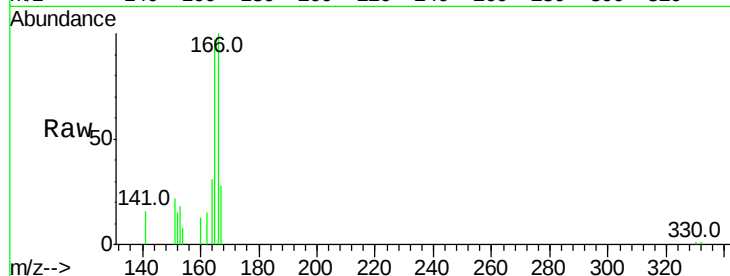
Tot Ion:166 Resp: 6049

Ion Ratio Lower Upper

166 100

165 102.6 77.8 116.6

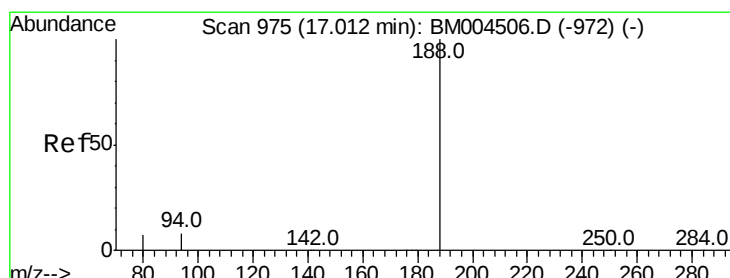
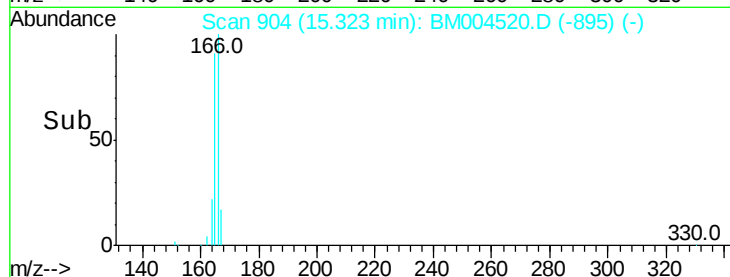
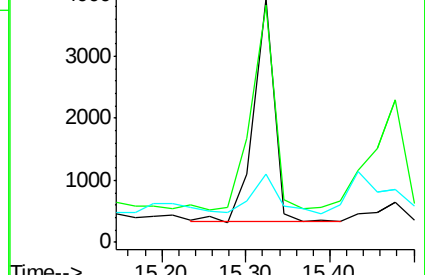
167 23.2 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 974

Delta R.T. -0.00 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

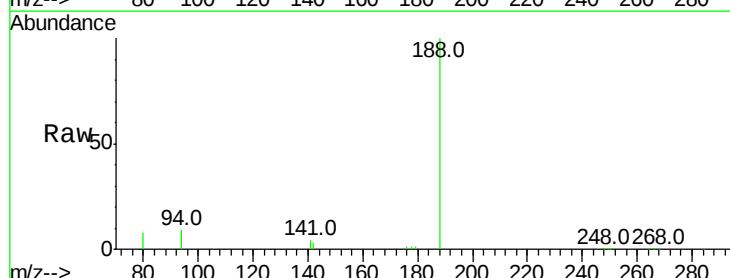
Tgt Ion:188 Resp: 90940

Ion Ratio Lower Upper

188 100

94 9.5 6.3 9.5

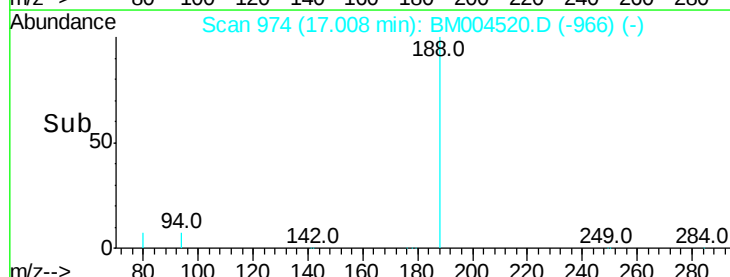
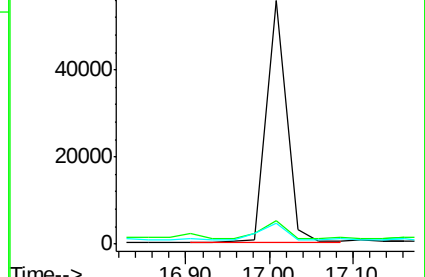
80 8.3 5.9 8.9

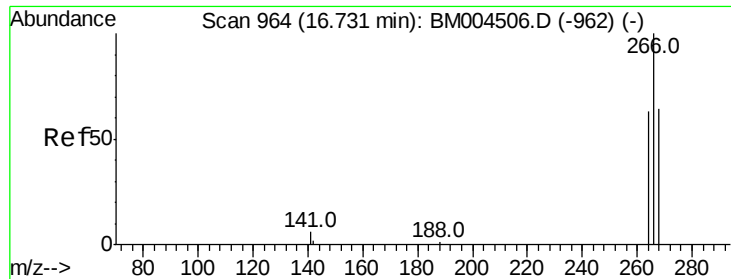


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#22

Pentachlorophenol

Concen: 16.56 ng

RT: 16.68 min Scan# 961

Delta R.T. -0.05 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

Instrument :

BNA_M

ClientSampleId :

MW-3

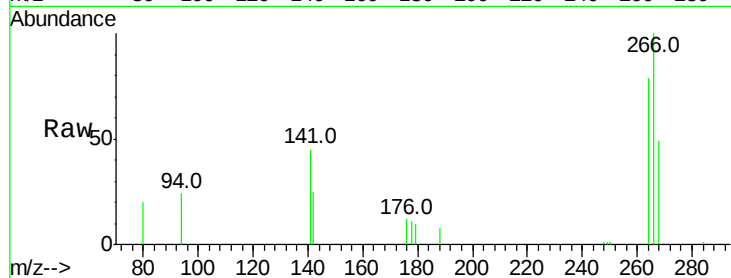
Tot Ion:266 Resp: 20045

Ion Ratio Lower Upper

266 100

268 48.9 63.0 94.6#

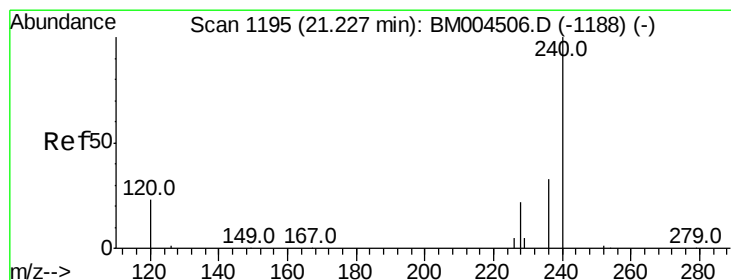
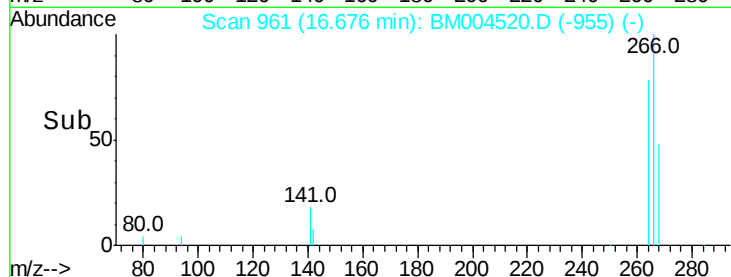
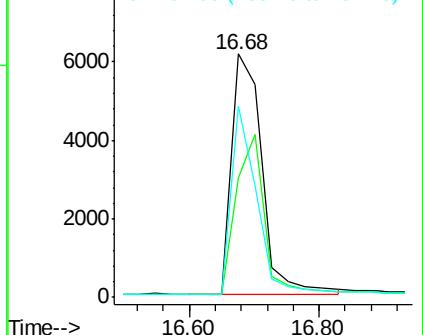
264 78.7 59.6 89.4



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.23 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

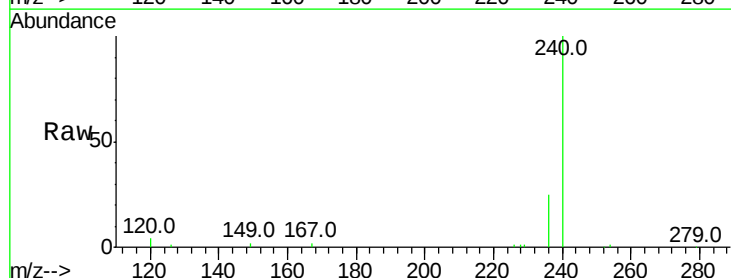
Tgt Ion:240 Resp: 73356

Ion Ratio Lower Upper

240 100

120 4.3 18.9 28.3#

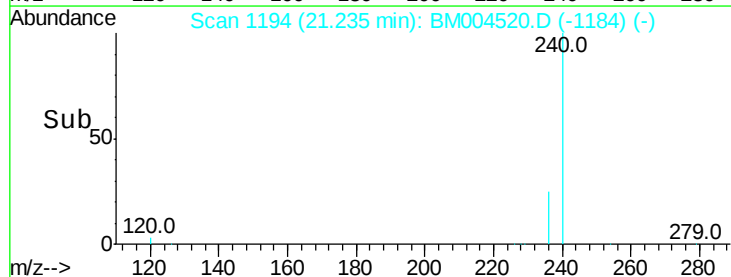
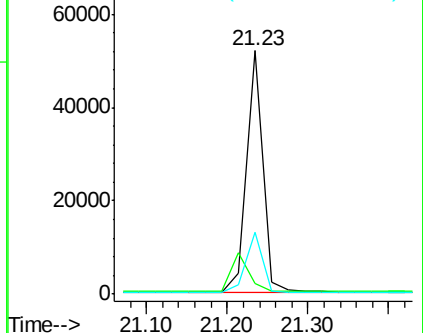
236 25.3 26.4 39.6#

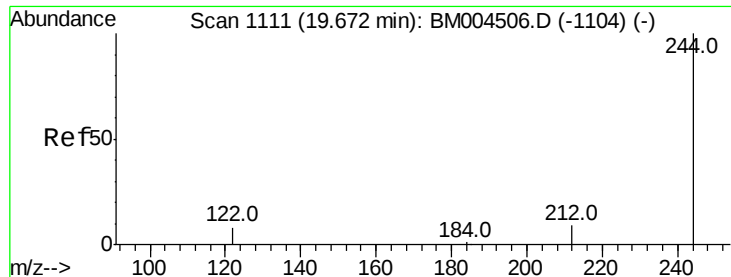


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 4.27 ng

RT: 19.66 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

Instrument :

BNA_M

ClientSampleId :

MW-3

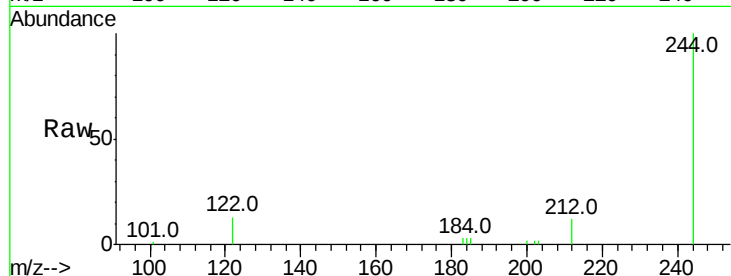
Tot Ion:244 Resp: 46631

Ion Ratio Lower Upper

244 100

212 11.6 7.8 11.6

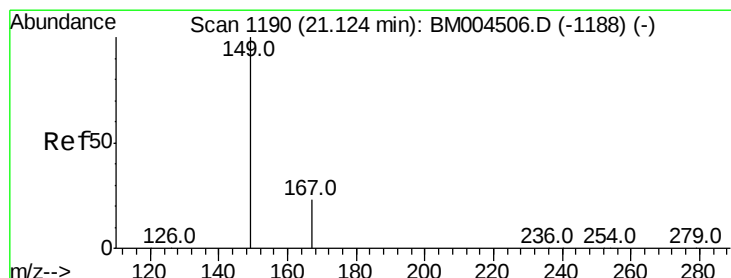
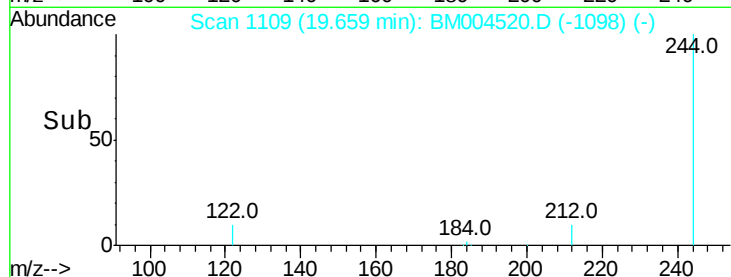
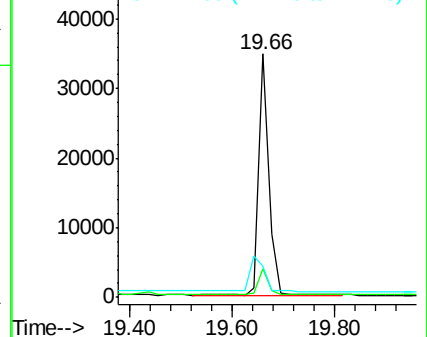
122 12.7 7.0 10.4#



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: 0.24 ng

RT: 21.13 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

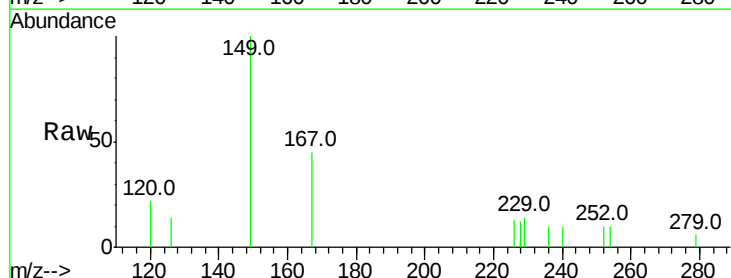
Tgt Ion:149 Resp: 2074

Ion Ratio Lower Upper

149 100

167 30.4 20.2 30.4#

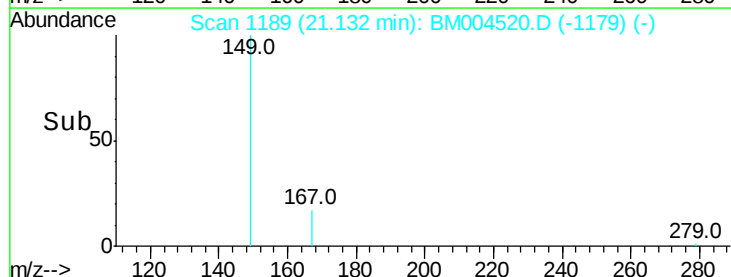
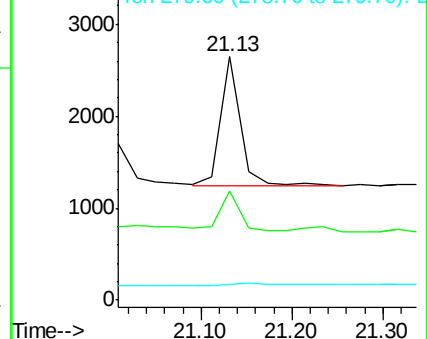
279 0.0 0.0 0.0

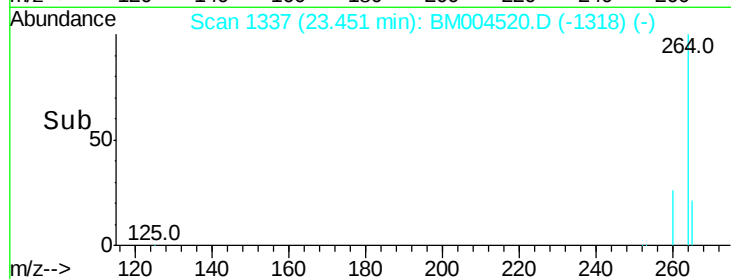
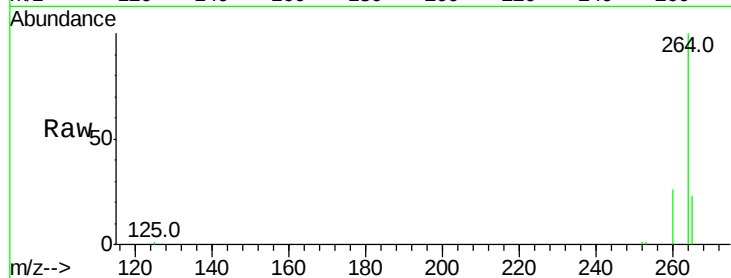
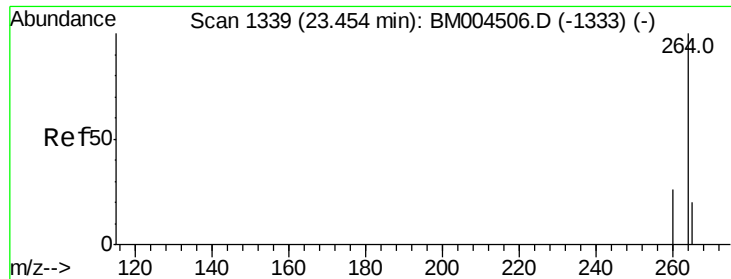


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.45 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BM004520.D

Acq: 02 Mar 2016 15:08

Instrument :

BNA_M

ClientSampleId :

MW-3

Tot Ion: 264 Resp: 63517

Ion Ratio Lower Upper

264 100

260 26.0 21.2 31.8

265 22.8 17.4 26.0

