

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
 Data File : BM001357.D
 Acq On : 21 May 2015 12:46
 Operator : TP/IZ
 Sample : PB83498BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 21 15:23:31 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 11:08:14 2015
 Response via : Initial Calibration

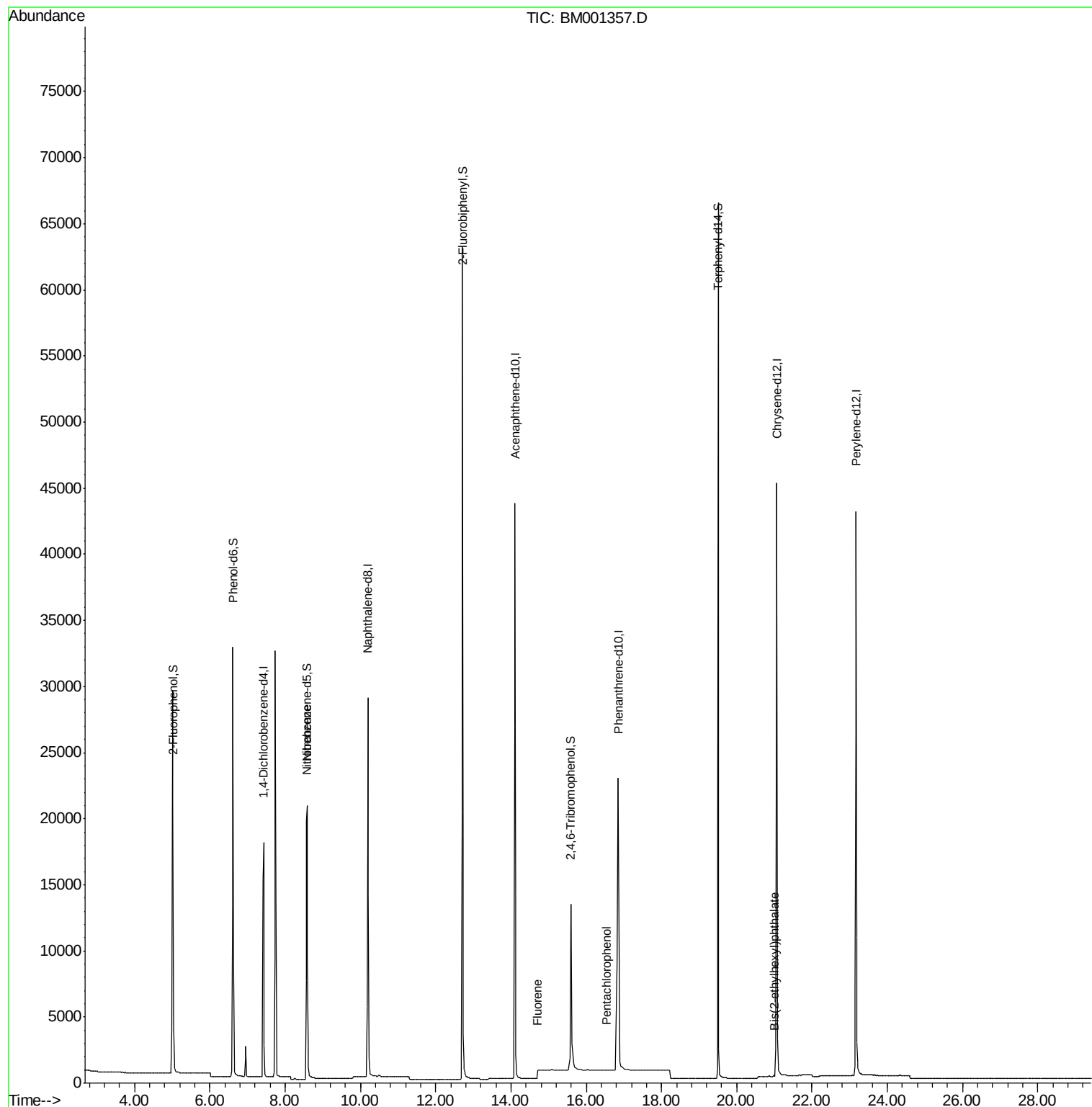
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	10556	5.00	ng	0.00
6) Naphthalene-d8	10.20	136	40714	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	25665	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	48973	5.00	ng	0.00
25) Chrysene-d12	21.07	240	56344	5.00	ng	0.00
32) Perylene-d12	23.17	264	52241	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	26011	12.69	ng	0.00
5) Phenol-d6	6.61	99	32863	12.88	ng	0.00
7) Nitrobenzene-d5	8.59	82	19587	8.92	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	12243	11.46	ng	0.00
14) 2-Fluorobiphenyl	12.72	172	67659	8.84	ng	0.00
27) Terphenyl-d14	19.50	244	66317	8.95	ng	0.00
Target Compounds						
8) Nitrobenzene	8.58	77	81	0.14	ng	# 35
17) Fluorene	14.71	166	196	0.04	ng	# 43
21) Pentachlorophenol	16.55	266	8	0.40	ng	# 58
30) Bis(2-ethylhexyl)phthalate	20.99	149	119	0.21	ng	# 52

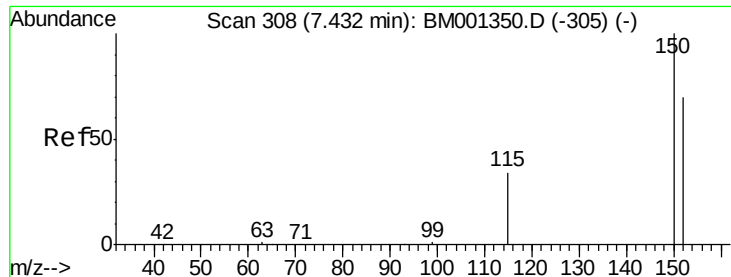
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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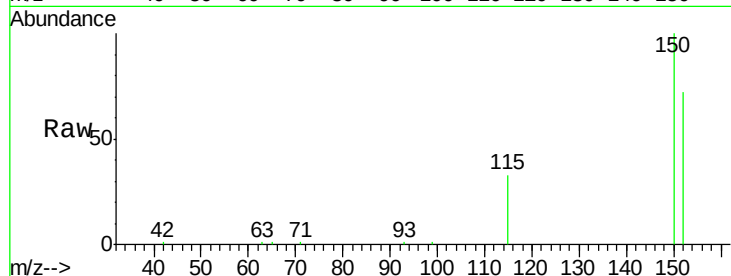


#1

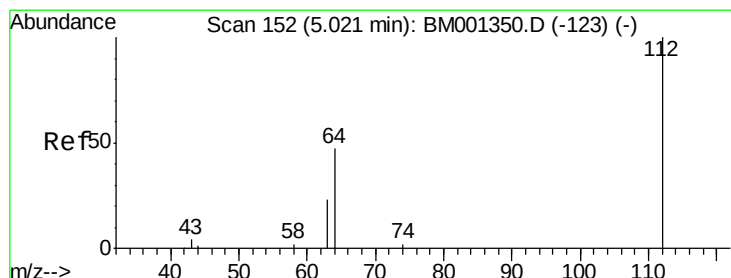
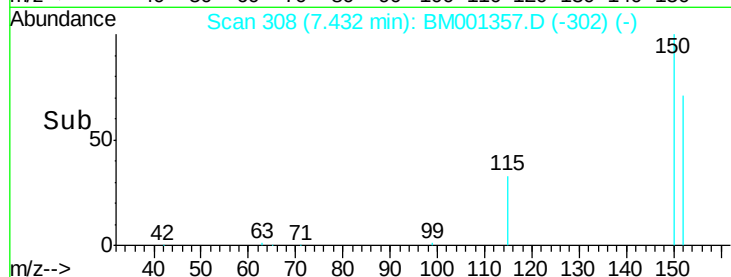
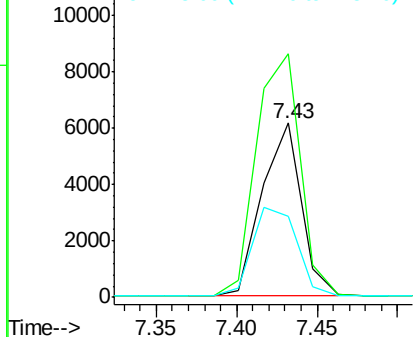
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. -0.00 min
Lab File: BM001357.D
Acq: 21 May 2015 12:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 10556
Ion Ratio Lower Upper
152 100
150 139.8 114.1 171.1
115 46.7 39.2 58.8



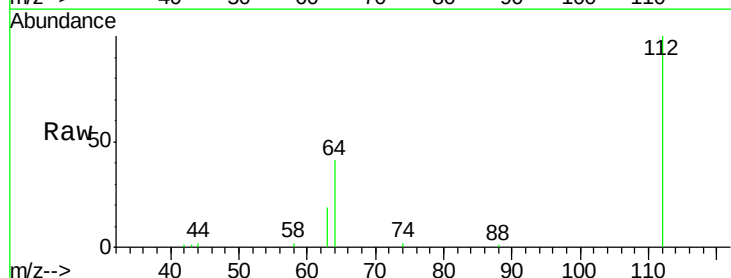
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



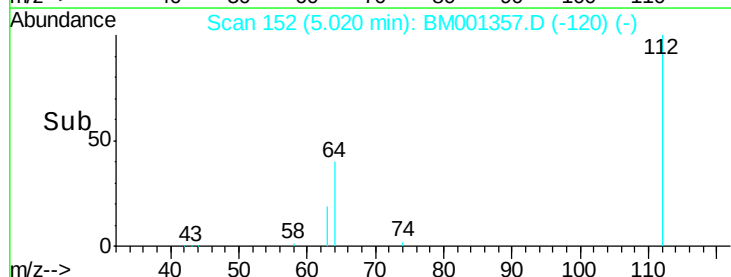
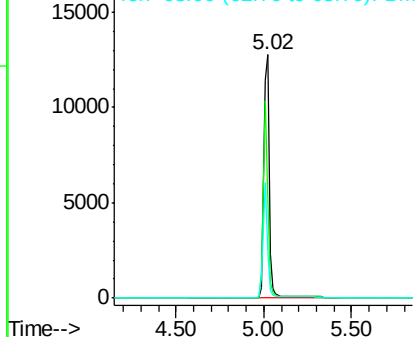
#4

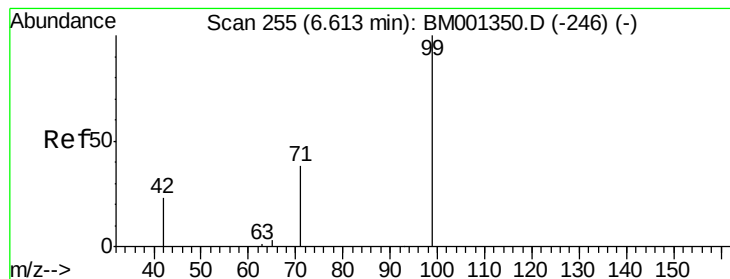
2-Fluorophenol
Concen: 12.69 ng
RT: 5.02 min Scan# 152
Delta R.T. -0.00 min
Lab File: BM001357.D
Acq: 21 May 2015 12:46

Tgt Ion:112 Resp: 26011
Ion Ratio Lower Upper
112 100
64 64.8 52.9 79.3
63 36.4 29.6 44.4



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: 12.88 ng

RT: 6.61 min Scan# 255

Delta R.T. -0.00 min

Lab File: BM001357.D

Acq: 21 May 2015 12:46

Instrument :

BNA_M

ClientSampled :

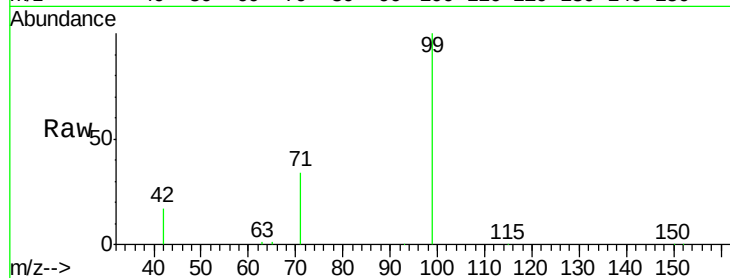
Tot Ion: 99 Resp: 32863

Ion Ratio Lower Upper

99 100

42 24.8 21.4 32.2

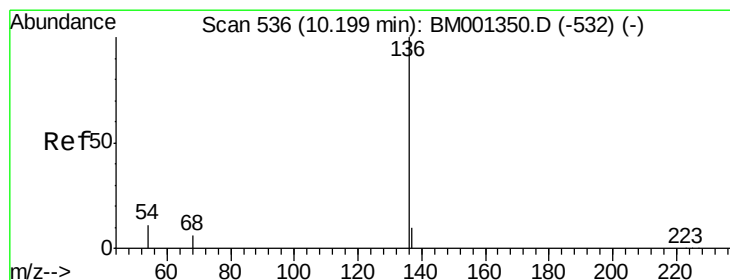
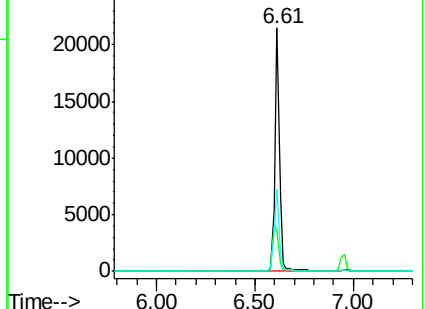
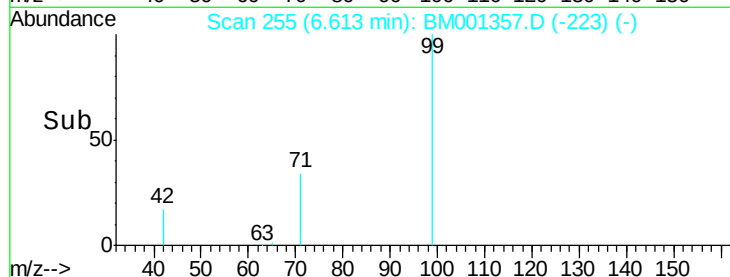
71 35.8 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BM001357.D (-223) (-)

Ion 42.00 (41.70 to 42.70): BM001357.D (-223) (-)

Ion 71.00 (70.70 to 71.70): BM001357.D (-223) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.20 min Scan# 536

Delta R.T. -0.00 min

Lab File: BM001357.D

Acq: 21 May 2015 12:46

Tgt Ion: 136 Resp: 40714

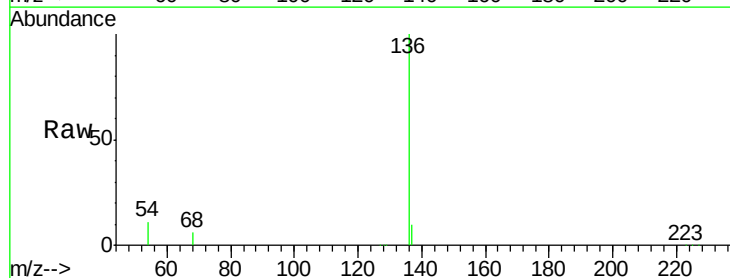
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 11.1 9.4 14.0

68 6.3 5.2 7.8

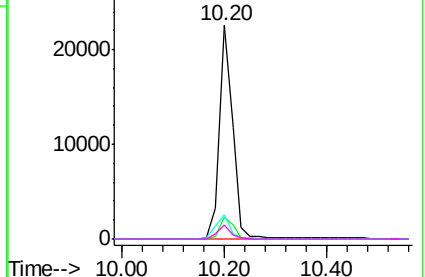
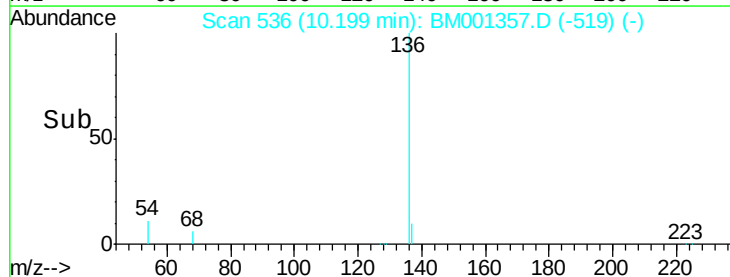


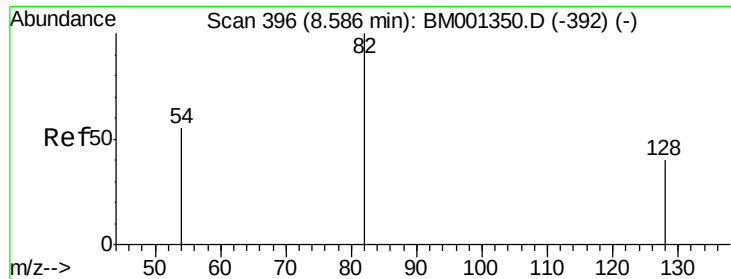
Abundance Ion 136.00 (135.70 to 136.70): BM001357.D (-519) (-)

Ion 137.00 (136.70 to 137.70): BM001357.D (-519) (-)

Ion 54.00 (53.70 to 54.70): BM001357.D (-519) (-)

Ion 68.00 (67.70 to 68.70): BM001357.D (-519) (-)





#7

Nitrobenzene-d5

Concen: 8.92 ng

RT: 8.59 min Scan# 396

Delta R.T. -0.00 min

Lab File: BM001357.D

Acq: 21 May 2015 12:46

Instrument :

BNA_M

ClientSampled :

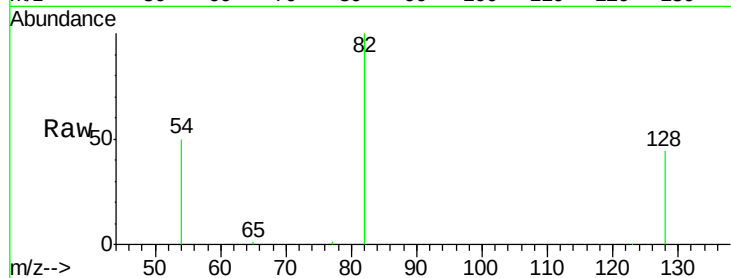
Tot Ion: 82 Resp: 19587

Ion Ratio Lower Upper

82 100

128 43.8 33.5 50.3

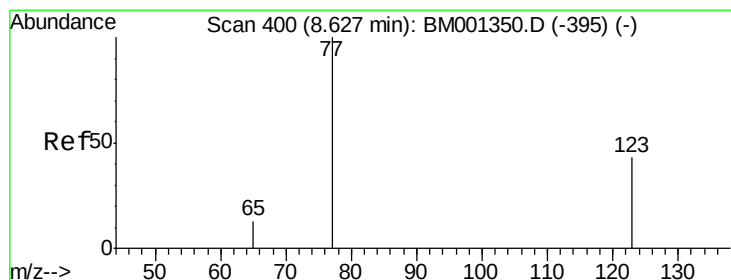
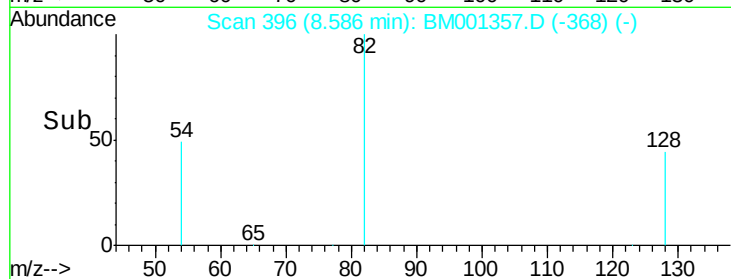
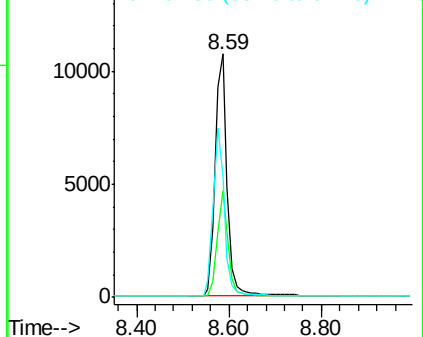
54 49.5 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BM001357.D (-368) (-)

Ion 128.00 (127.70 to 128.70): BM001357.D (-368) (-)

Ion 54.00 (53.70 to 54.70): BM001357.D (-368) (-)



#8

Nitrobenzene

Concen: 0.14 ng

RT: 8.58 min Scan# 395

Delta R.T. -0.05 min

Lab File: BM001357.D

Acq: 21 May 2015 12:46

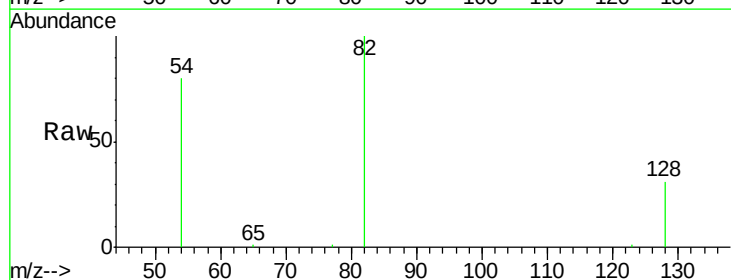
Tgt Ion: 77 Resp: 81

Ion Ratio Lower Upper

77 100

123 0.0 33.6 50.4#

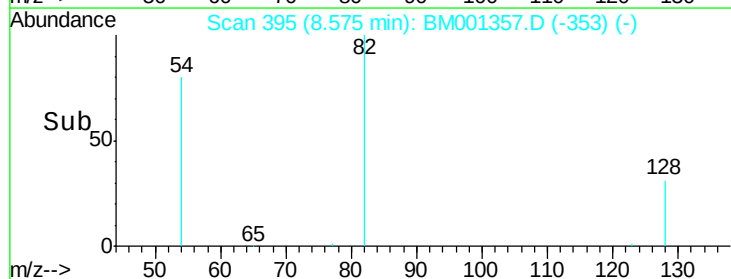
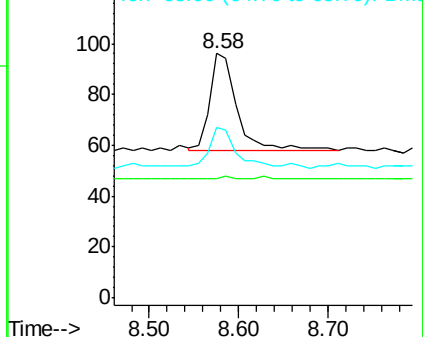
65 39.5 11.3 16.9#

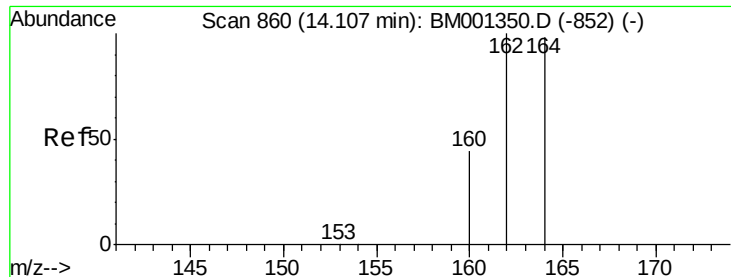


Abundance Ion 77.00 (76.70 to 77.70): BM001357.D (-353) (-)

Ion 123.00 (122.70 to 123.70): BM001357.D (-353) (-)

Ion 65.00 (64.70 to 65.70): BM001357.D (-353) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.11 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM001357.D

Acq: 21 May 2015 12:46

Instrument :

BNA_M

ClientSampleId :

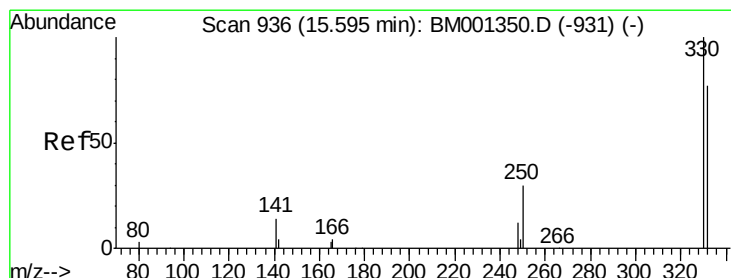
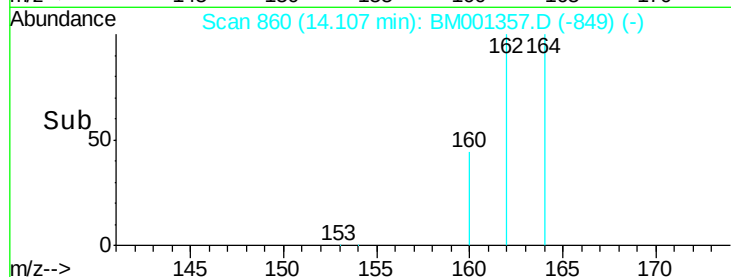
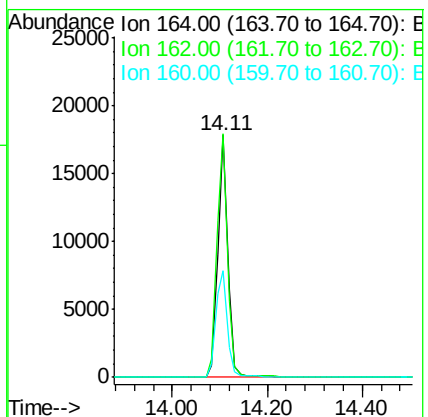
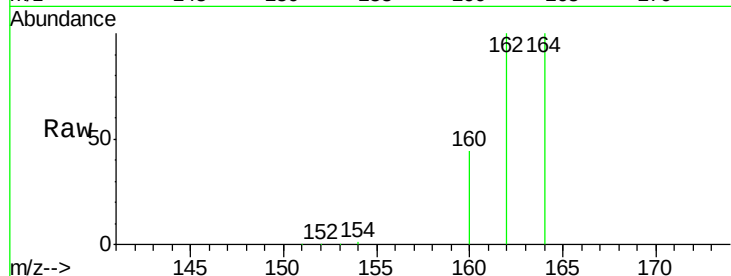
Tot Ion:164 Resp: 25665

Ion Ratio Lower Upper

164 100

162 100.5 81.8 122.8

160 43.9 35.8 53.8



#13

2,4,6-Tribromophenol

Concen: 11.46 ng

RT: 15.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM001357.D

Acq: 21 May 2015 12:46

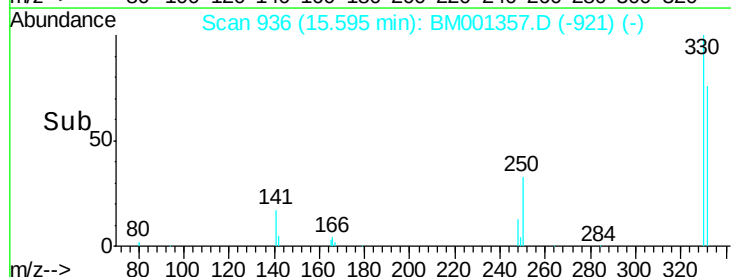
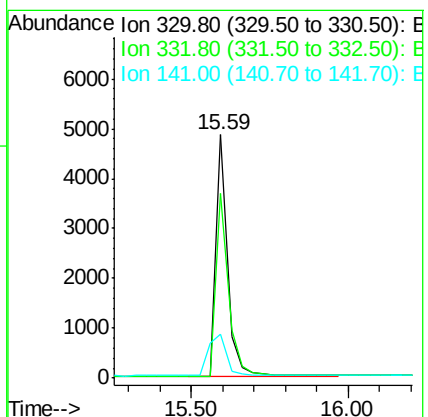
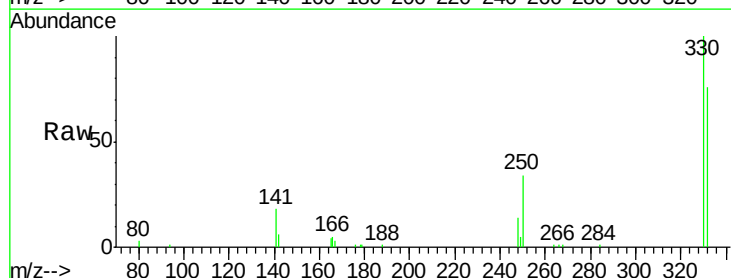
Tgt Ion:330 Resp: 12243

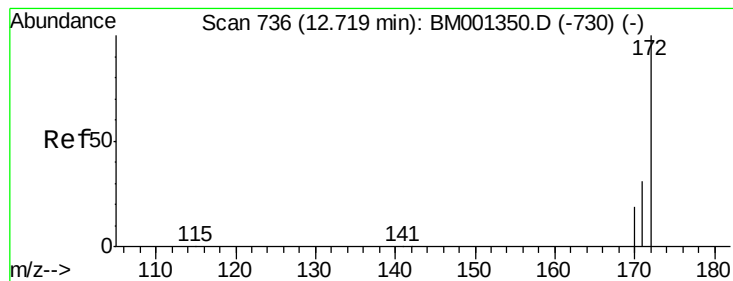
Ion Ratio Lower Upper

330 100

332 82.8 65.4 98.2

141 27.8 20.2 30.4

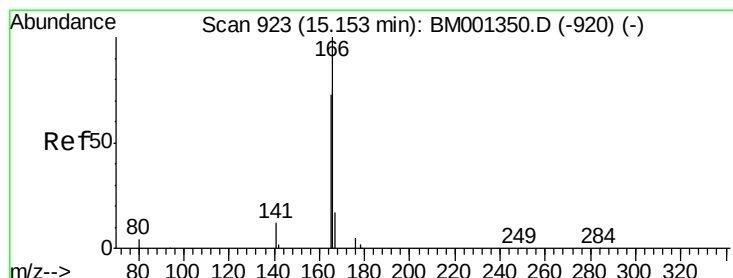
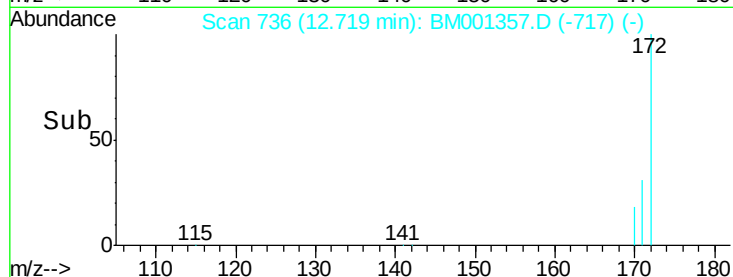
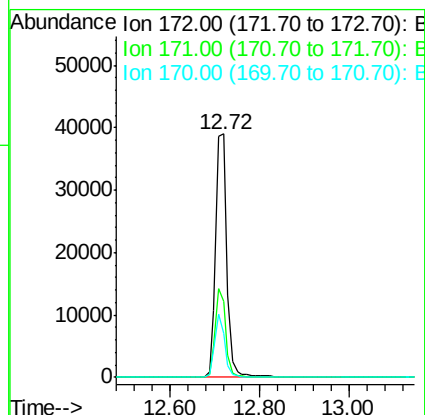
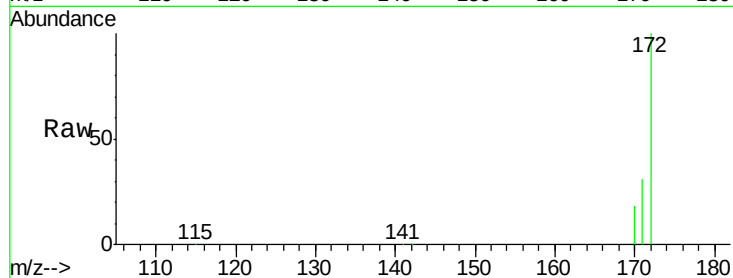




#14
2-Fluorobiphenyl
Concen: 8.84 ng
RT: 12.72 min Scan# 736
Delta R.T. -0.00 min
Lab File: BM001357.D
Acq: 21 May 2015 12:46

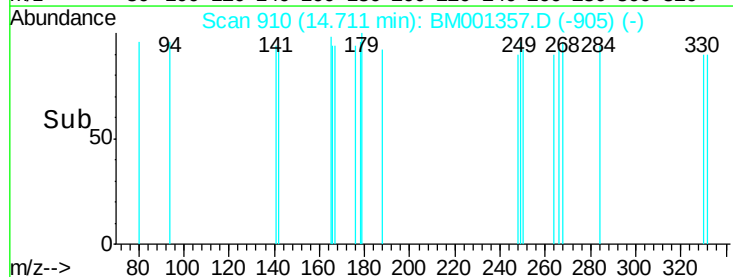
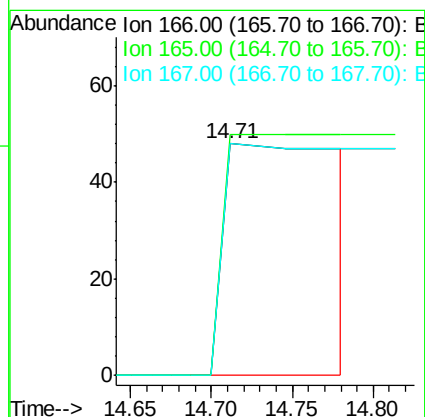
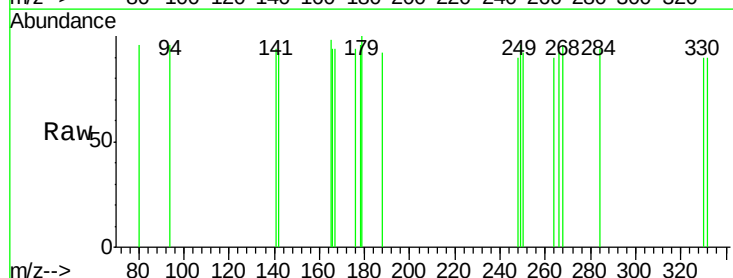
Instrument :
BNA_M
ClientSampleId :

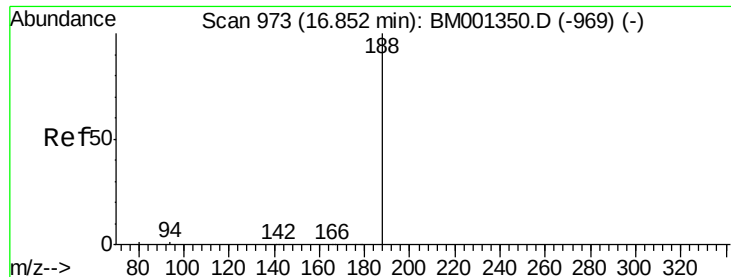
Tot Ion:172 Resp: 67659
Ion Ratio Lower Upper
172 100
171 31.0 25.4 38.2
170 18.3 15.7 23.5



#17
Fluorene
Concen: 0.04 ng
RT: 14.71 min Scan# 910
Delta R.T. -0.44 min
Lab File: BM001357.D
Acq: 21 May 2015 12:46

Tgt Ion:166 Resp: 196
Ion Ratio Lower Upper
166 100
165 61.2 72.5 108.7#
167 100.0 16.0 24.0#

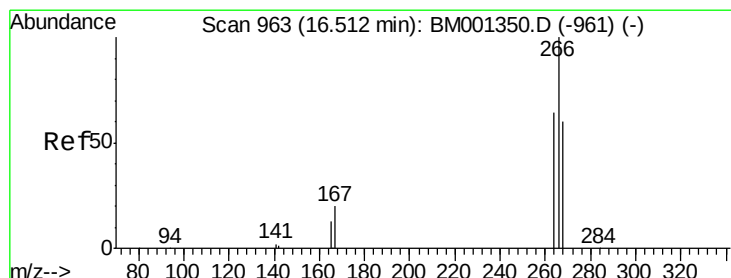
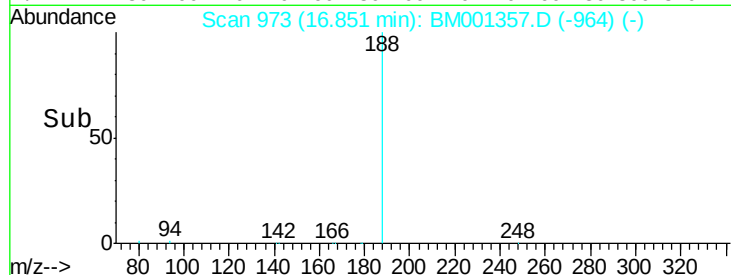
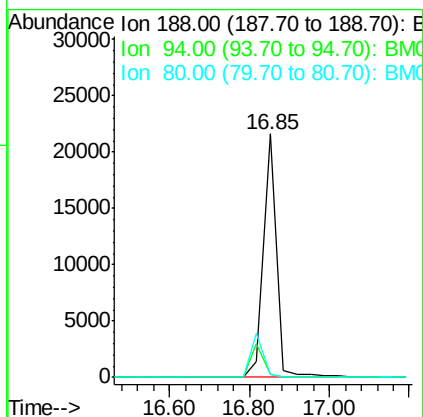
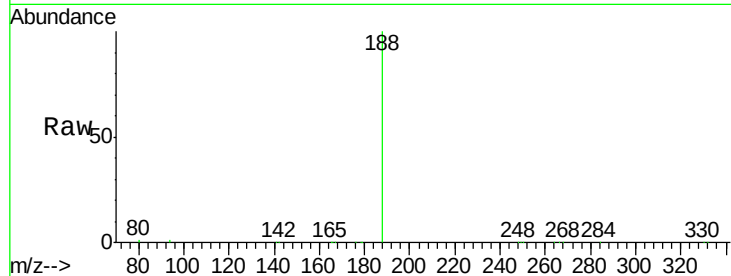




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 973
Delta R.T. -0.00 min
Lab File: BM001357.D
Acq: 21 May 2015 12:46

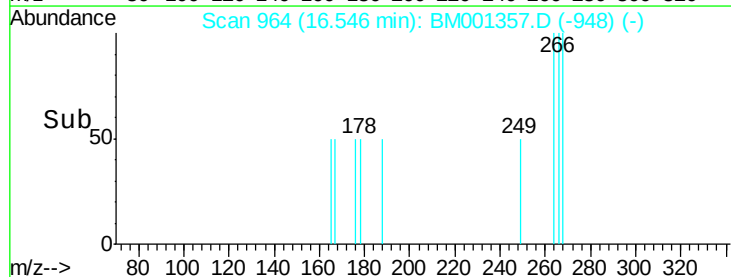
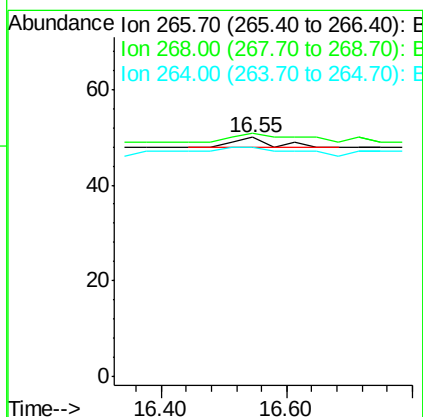
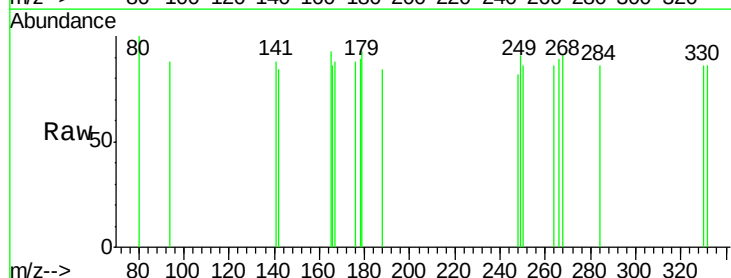
Instrument :
BNA_M
ClientSampleId :

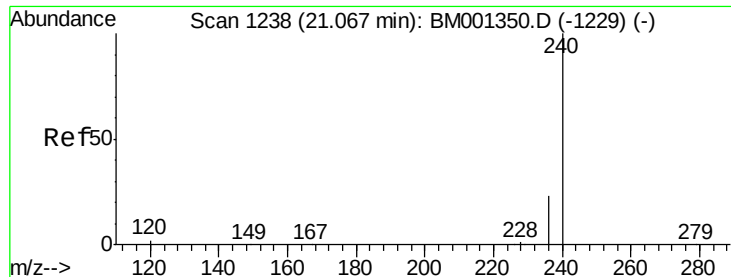
Tot Ion:188 Resp: 48973
Ion Ratio Lower Upper
188 100
94 1.3 0.6 1.0#
80 1.3 0.6 0.8#



#21
Pentachlorophenol
Concen: 0.40 ng
RT: 16.55 min Scan# 964
Delta R.T. 0.03 min
Lab File: BM001357.D
Acq: 21 May 2015 12:46

Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
268 102.0 51.2 76.8#
264 96.0 53.7 80.5#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BM001357.D

Acq: 21 May 2015 12:46

Instrument :

BNA_M

ClientSampleId :

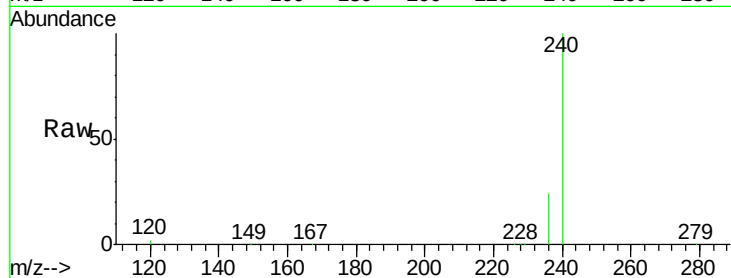
Tot Ion:240 Resp: 56344

Ion Ratio Lower Upper

240 100

120 2.3 1.6 2.4

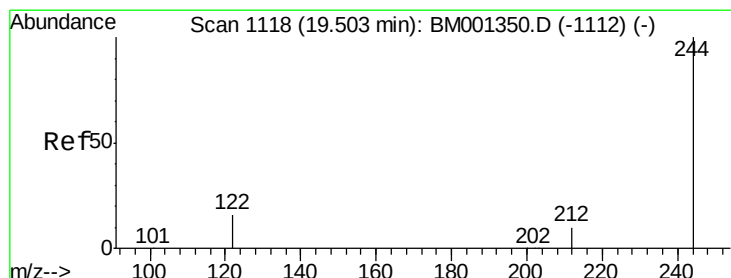
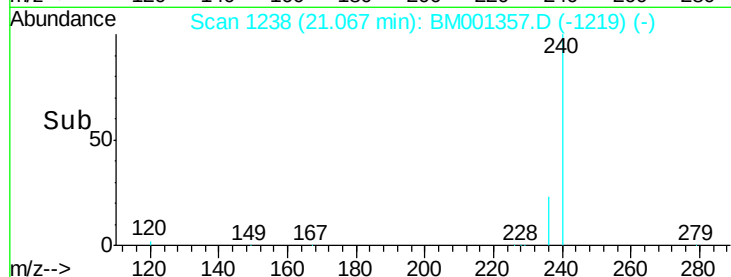
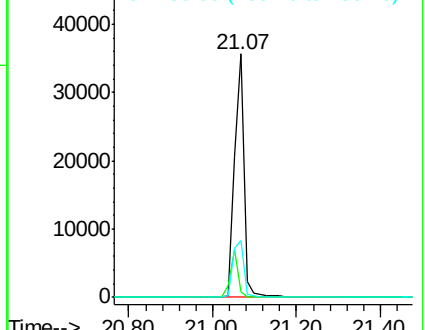
236 23.5 18.5 27.7



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

Terphenyl-d14

Concen: 8.95 ng

RT: 19.50 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BM001357.D

Acq: 21 May 2015 12:46

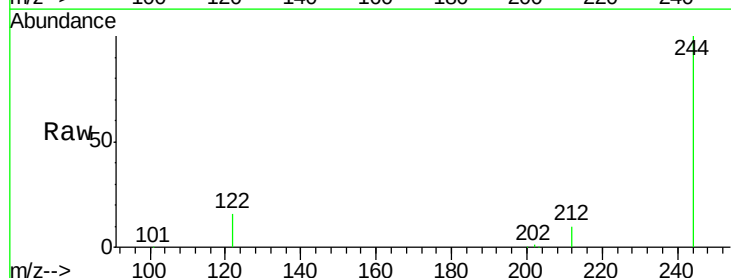
Tgt Ion:244 Resp: 66317

Ion Ratio Lower Upper

244 100

212 10.1 8.5 12.7

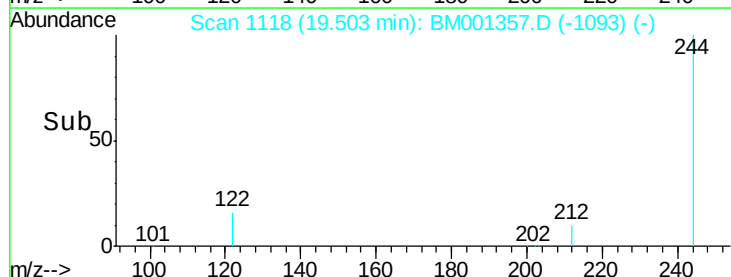
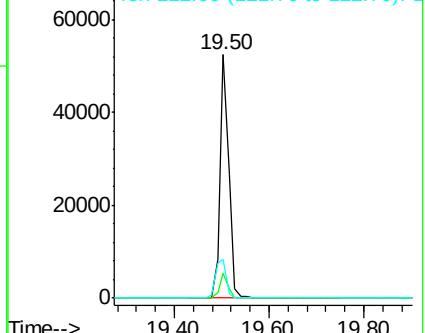
122 15.7 13.4 20.2

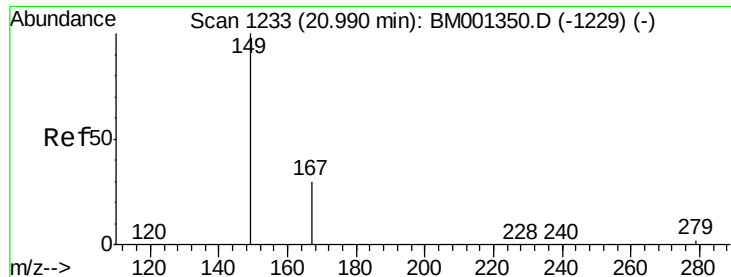


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.21 ng

RT: 20.99 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BM001357.D

Acq: 21 May 2015 12:46

Instrument :

BNA_M

ClientSampled :

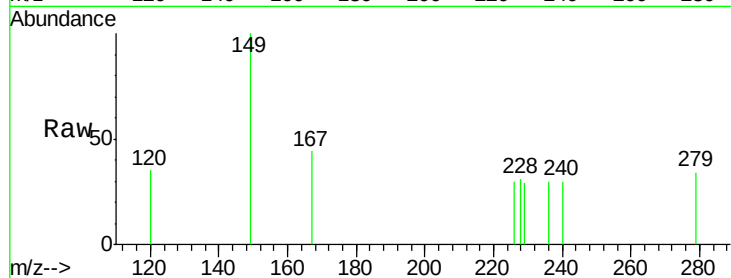
Tot Ion:149 Resp: 119

Ion Ratio Lower Upper

149 100

167 0.0 21.6 32.4#

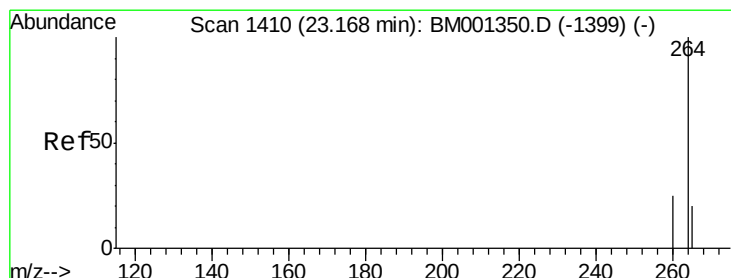
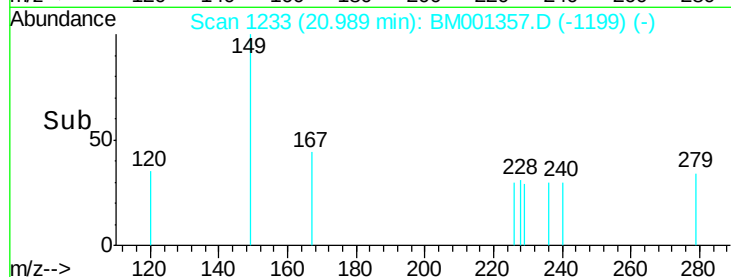
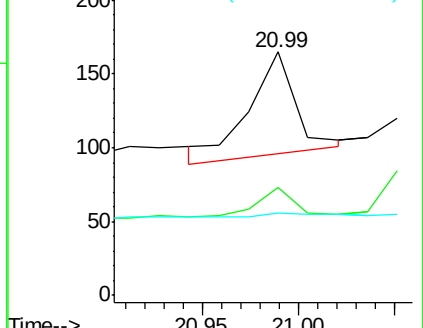
279 0.0 1.9 2.9#



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.17 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BM001357.D

Acq: 21 May 2015 12:46

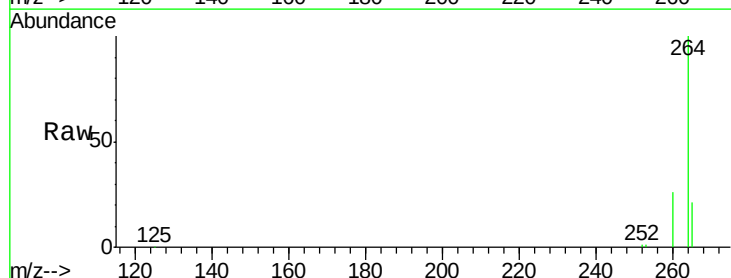
Tgt Ion:264 Resp: 52241

Ion Ratio Lower Upper

264 100

260 25.6 20.4 30.6

265 21.0 16.6 24.8



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

