

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
 Data File : BM001351.D
 Acq On : 21 May 2015 08:36
 Operator : TP/IZ
 Sample : SSTDICC002
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 21 10:59:30 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 08:43:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	15478	5.00	ng	0.00
6) Naphthalene-d8	10.20	136	63675	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	40505	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	76882	5.00	ng	0.00
25) Chrysene-d12	21.07	240	90718	5.00	ng	0.00
32) Perylene-d12	23.17	264	87122	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	5965	1.99	ng	0.00
5) Phenol-d6	6.61	99	7759	2.01	ng	0.00
7) Nitrobenzene-d5	8.59	82	7341	1.99	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	3279	2.62	ng	0.00
14) 2-Fluorobiphenyl	12.72	172	24361	2.06	ng	0.00
27) Terphenyl-d14	19.50	244	24385	2.11	ng	0.00

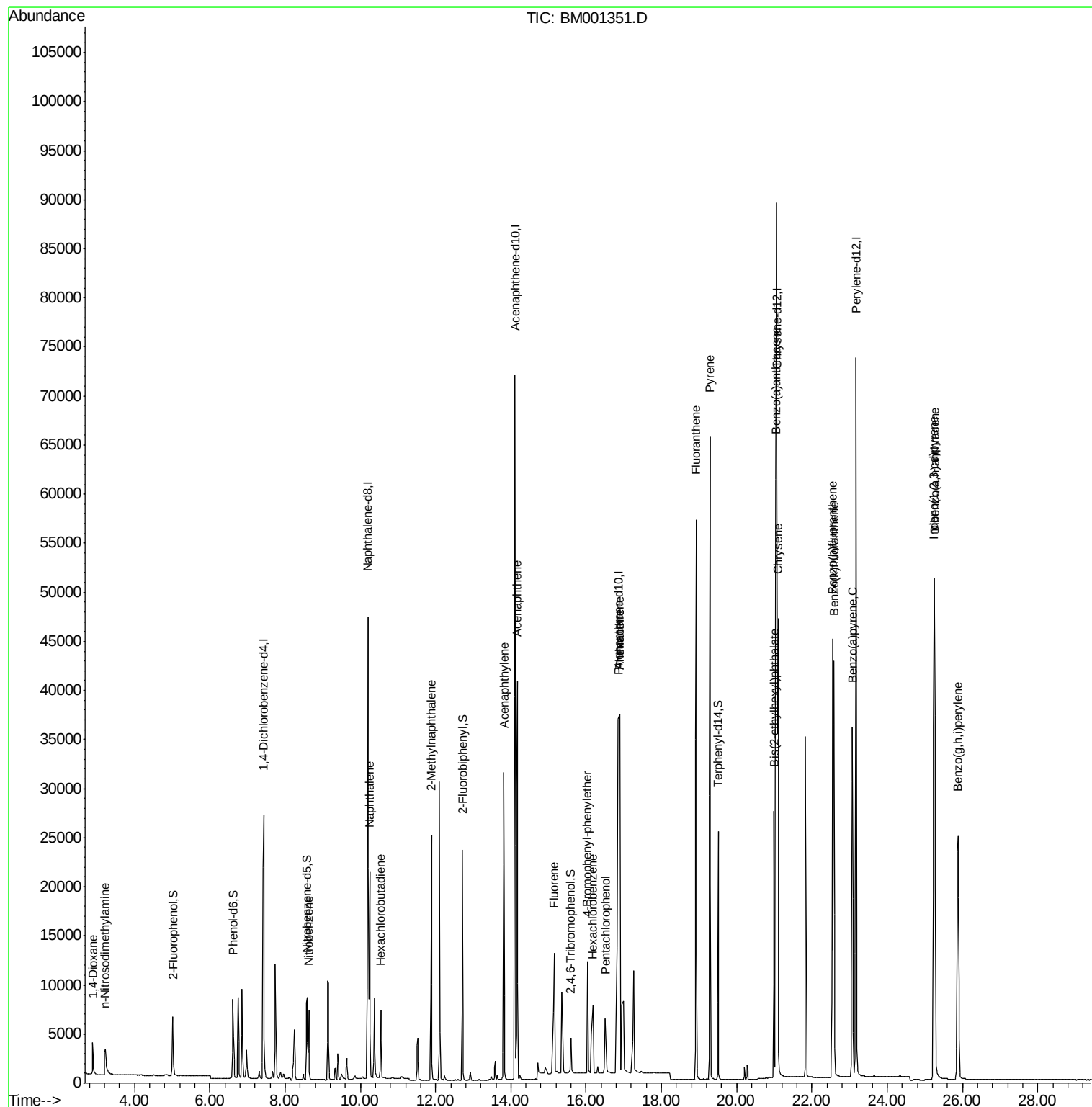
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.89	88	2746	1.95	ng	91
3) n-Nitrosodimethylamine	3.21	42	3856	2.06	ng	# 98
8) Nitrobenzene	8.63	77	7913	2.04	ng	99
9) Naphthalene	10.25	128	27326	2.07	ng	99
10) Hexachlorobutadiene	10.54	225	5225	2.07	ng	99
11) 2-Methylnaphthalene	11.89	142	19741	2.10	ng	95
15) Acenaphthylene	13.82	152	36418	2.09	ng	100
16) Acenaphthene	14.17	154	21534	2.07	ng	100
17) Fluorene	15.15	166	15494	1.52	ng	98
19) 4-Bromophenyl-phenylether	16.04	248	9359	3.35	ng	96
20) Hexachlorobenzene	16.17	284	12418	2.46	ng	# 99
21) Pentachlorophenol	16.51	266	5077	2.80	ng	97
22) Phenanthrene	16.89	178	79155	2.98	ng	93
23) Anthracene	16.89	178	79332	8.33	ng	# 48
24) Fluoranthene	18.92	202	53770	2.72	ng	100
26) Pyrene	19.29	202	57091	2.14	ng	100
28) Benzo(a)anthracene	21.04	228	53981	2.19	ng	97
29) Chrysene	21.10	228	51402	2.16	ng	99
30) Bis(2-ethylhexyl)phthalate	20.99	149	27114	1.94	ng	100
31) Indeno(1,2,3-cd)pyrene	25.24	276	56505	2.12	ng	99
33) Benzo(b)fluoranthene	22.54	252	55866	2.20	ng	99
34) Benzo(k)fluoranthene	22.58	252	47379	1.95	ng	99
35) Benzo(a)pyrene	23.07	252	47243	2.09	ng	98
36) Dibenzo(a,h)anthracene	25.25	278	43874	2.07	ng	99
37) Benzo(g,h,i)perylene	25.88	276	46478	2.07	ng	100

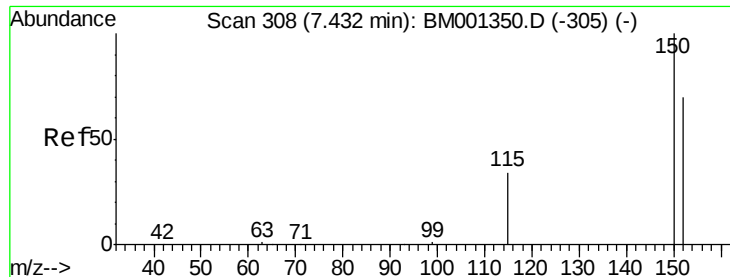
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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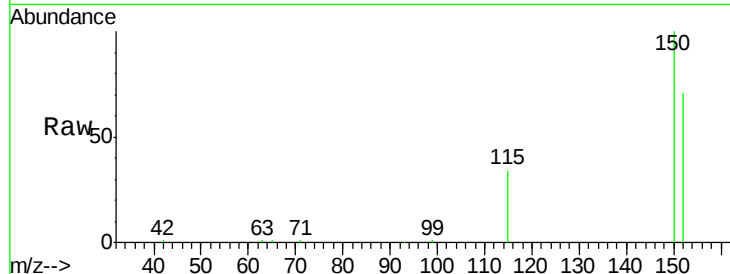


#1

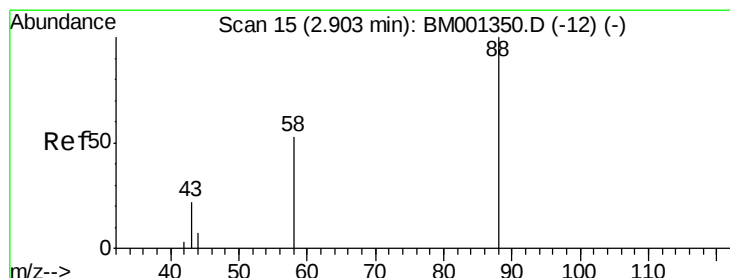
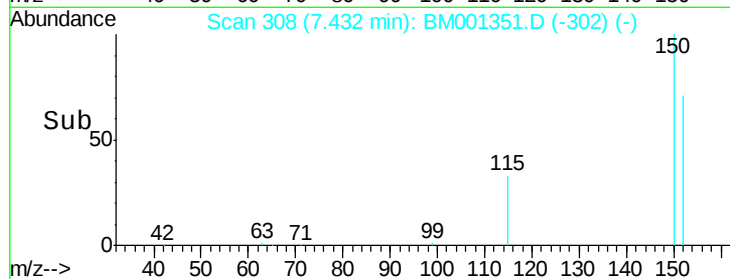
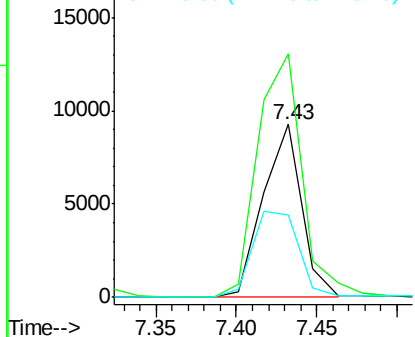
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 15478
Ion Ratio Lower Upper
152 100
150 140.8 114.1 171.1
115 47.4 39.2 58.8



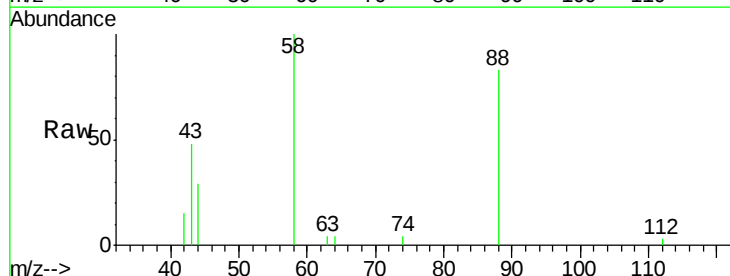
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



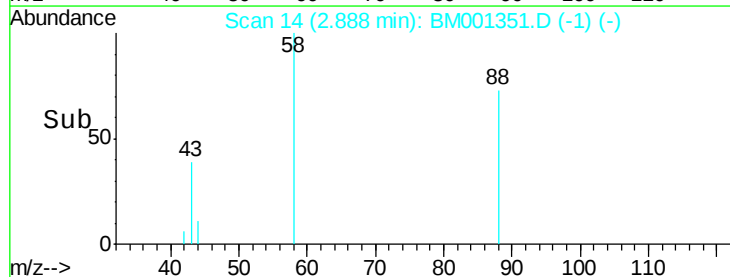
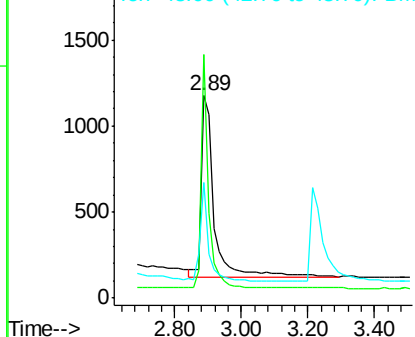
#2

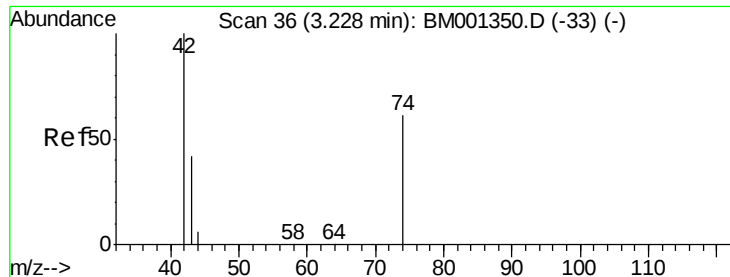
1,4-Dioxane
Concen: 1.95 ng
RT: 2.89 min Scan# 14
Delta R.T. -0.02 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion: 88 Resp: 2746
Ion Ratio Lower Upper
88 100
58 74.5 53.1 79.7
43 38.3 27.8 41.8



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 2.06 ng

RT: 3.21 min Scan# 35

Delta R.T. -0.02 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

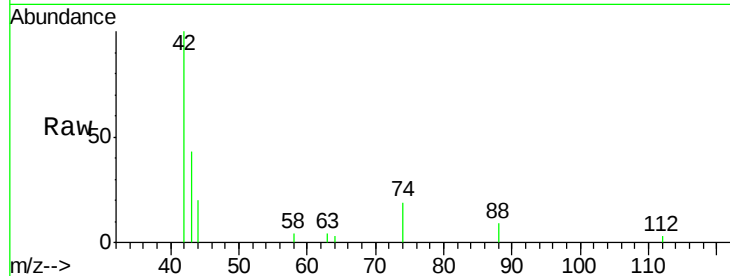
Tot Ion: 42 Resp: 3856

Ion Ratio Lower Upper

42 100

74 86.3 70.0 105.0

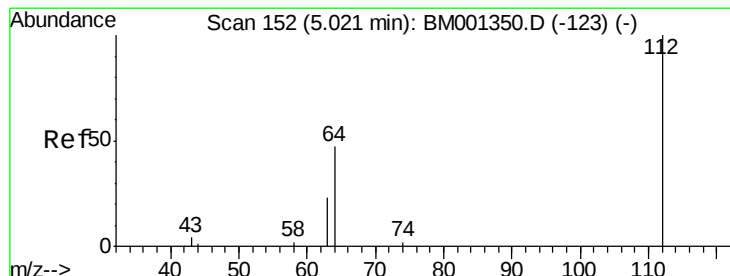
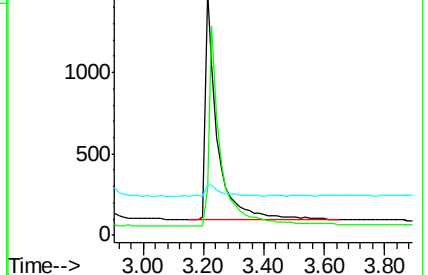
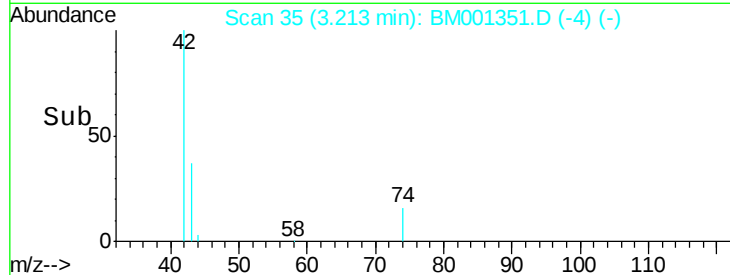
44 6.8 3.6 5.4#



Abundance Ion 42.00 (41.70 to 42.70): BM001351.D (-33) (-)

Ion 74.00 (73.70 to 74.70): BM001351.D (-33) (-)

Ion 44.00 (43.70 to 44.70): BM001351.D (-33) (-)



#4

2-Fluorophenol

Concen: 1.99 ng

RT: 5.02 min Scan# 152

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

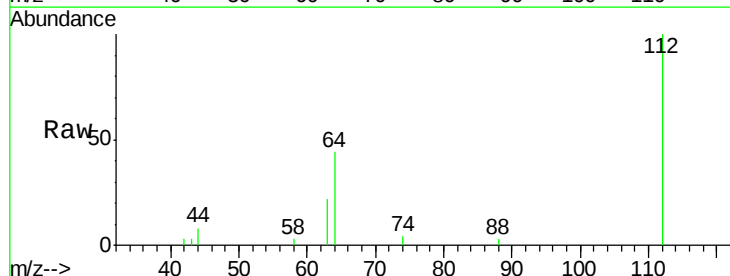
Tgt Ion: 112 Resp: 5965

Ion Ratio Lower Upper

112 100

64 65.0 52.9 79.3

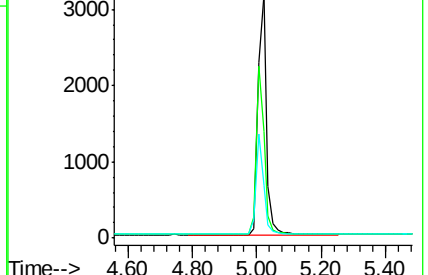
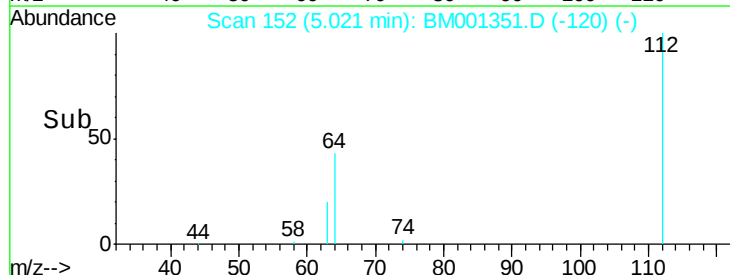
63 36.8 29.6 44.4

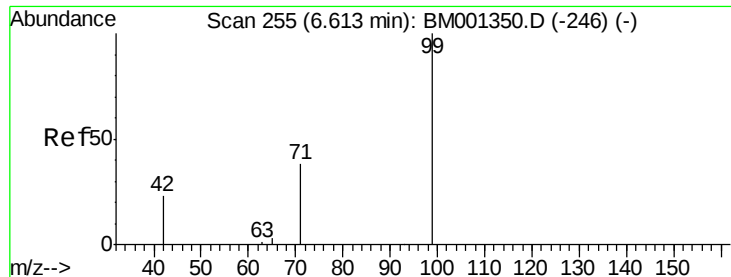


Abundance Ion 112.00 (111.70 to 112.70): BM001351.D (-120) (-)

Ion 64.00 (63.70 to 64.70): BM001351.D (-120) (-)

Ion 63.00 (62.70 to 63.70): BM001351.D (-120) (-)





#5

Phenol-d6

Concen: 2.01 ng

RT: 6.61 min Scan# 255

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

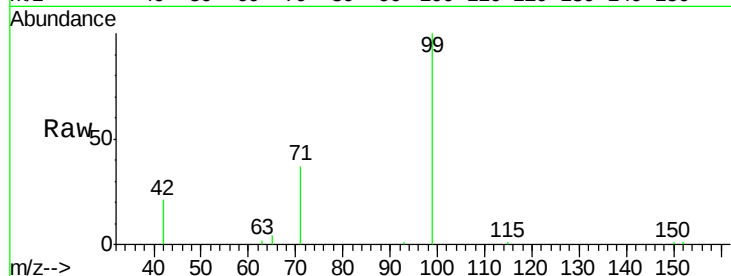
Tot Ion: 99 Resp: 7759

Ion Ratio Lower Upper

99 100

42 26.4 21.4 32.2

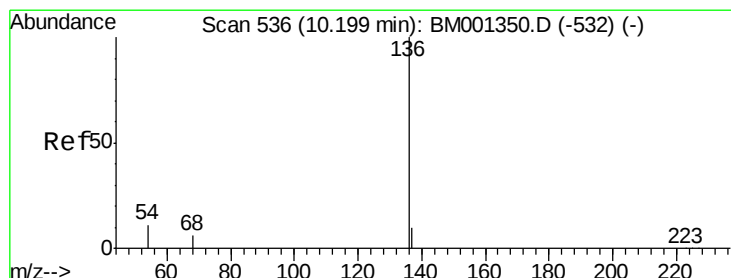
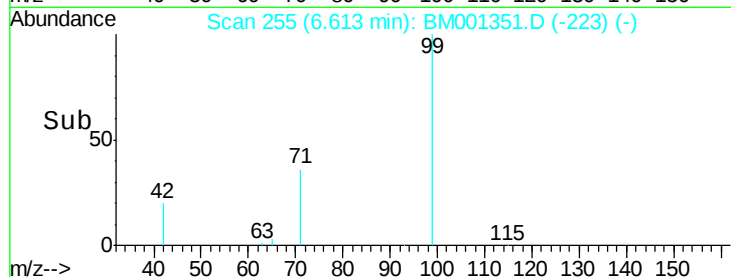
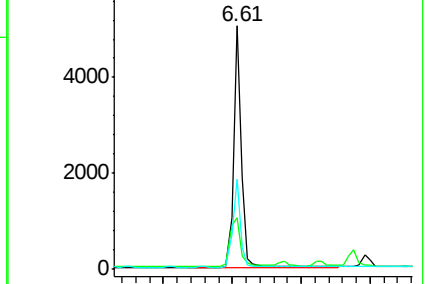
71 36.7 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BM001351.D (-246) (-)

Ion 42.00 (41.70 to 42.70): BM001351.D (-246) (-)

Ion 71.00 (70.70 to 71.70): BM001351.D (-246) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.20 min Scan# 536

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Tgt Ion: 136 Resp: 63675

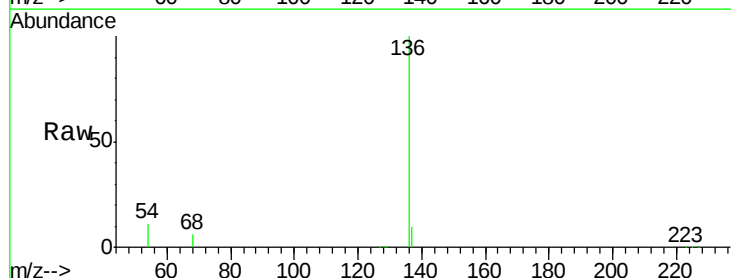
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 10.7 9.4 14.0

68 6.0 5.2 7.8

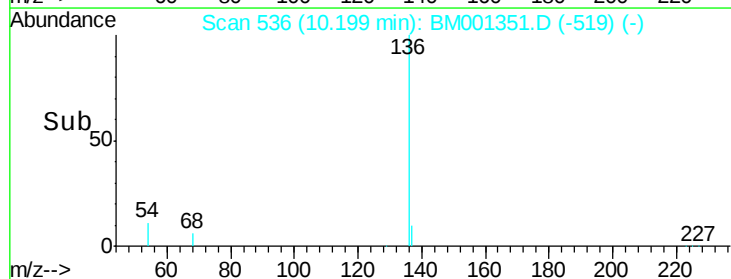
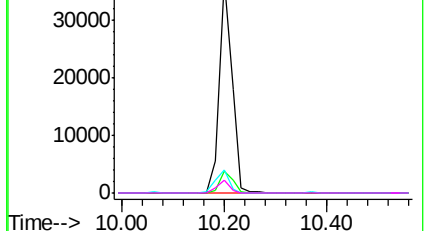


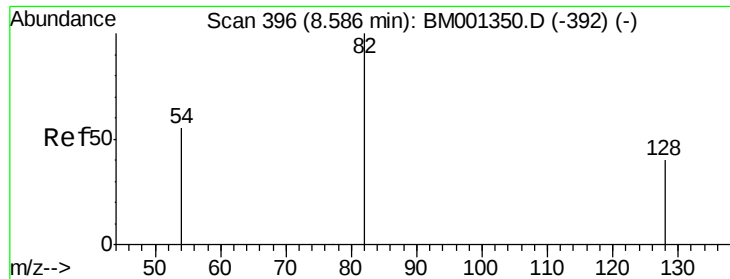
Abundance Ion 136.00 (135.70 to 136.70): BM001351.D (-532) (-)

Ion 137.00 (136.70 to 137.70): BM001351.D (-532) (-)

Ion 54.00 (53.70 to 54.70): BM001351.D (-532) (-)

Ion 68.00 (67.70 to 68.70): BM001351.D (-532) (-)





#7

Nitrobenzene-d5

Concen: 1.99 ng

RT: 8.59 min Scan# 396

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

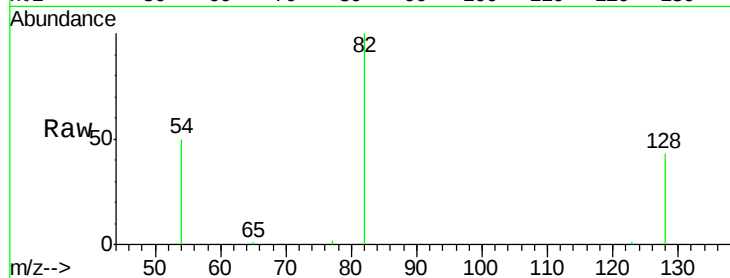
Tot Ion: 82 Resp: 7341

Ion Ratio Lower Upper

82 100

128 43.1 33.5 50.3

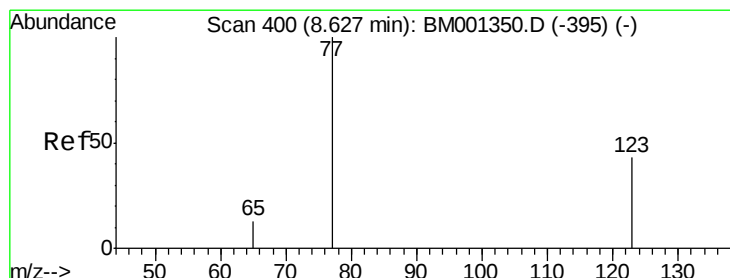
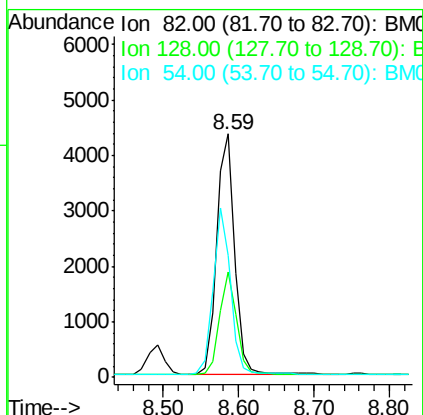
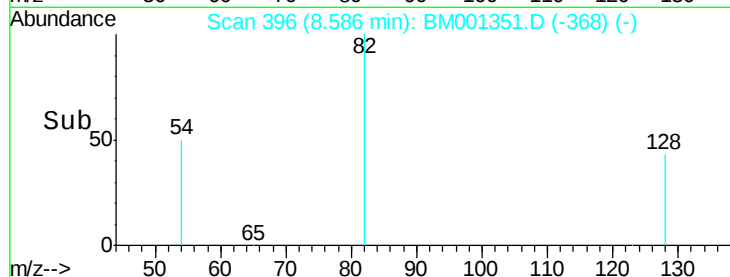
54 50.4 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BM001351.D (-392) (-)

Ion 128.00 (127.70 to 128.70): BM001351.D (-392) (-)

Ion 54.00 (53.70 to 54.70): BM001351.D (-392) (-)



#8

Nitrobenzene

Concen: 2.04 ng

RT: 8.63 min Scan# 400

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

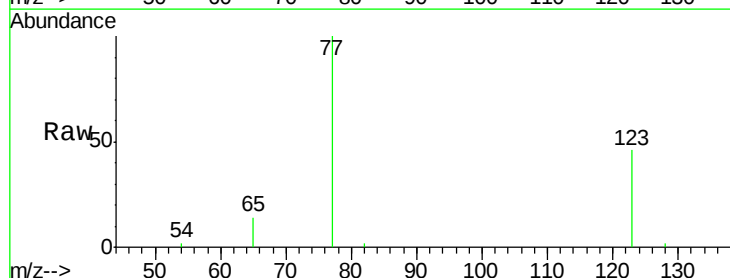
Tgt Ion: 77 Resp: 7913

Ion Ratio Lower Upper

77 100

123 42.6 33.6 50.4

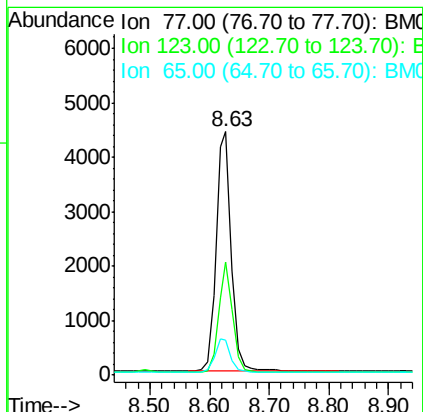
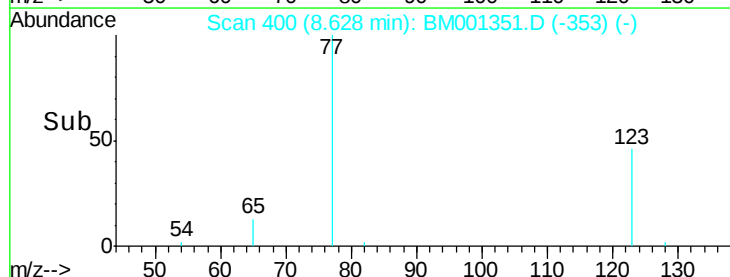
65 14.4 11.3 16.9

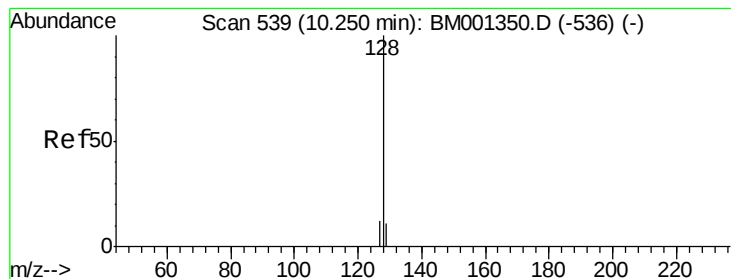


Abundance Ion 77.00 (76.70 to 77.70): BM001351.D (-395) (-)

Ion 123.00 (122.70 to 123.70): BM001351.D (-395) (-)

Ion 65.00 (64.70 to 65.70): BM001351.D (-395) (-)





#9

Naphthalene

Concen: 2.07 ng

RT: 10.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

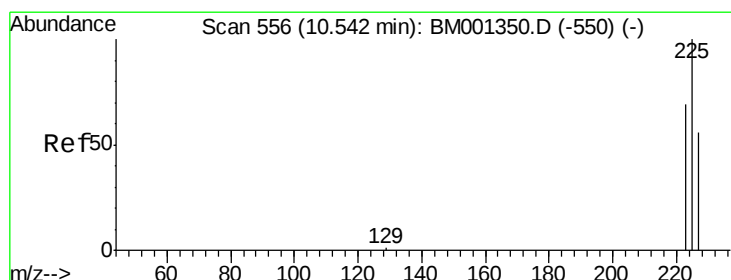
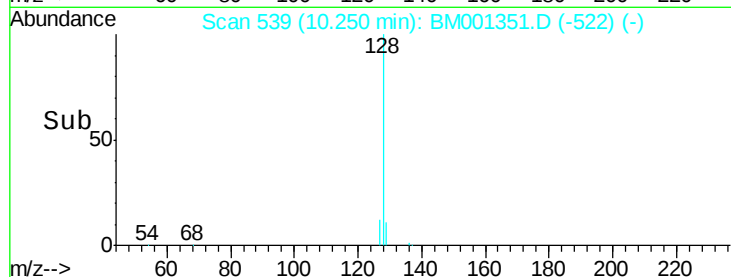
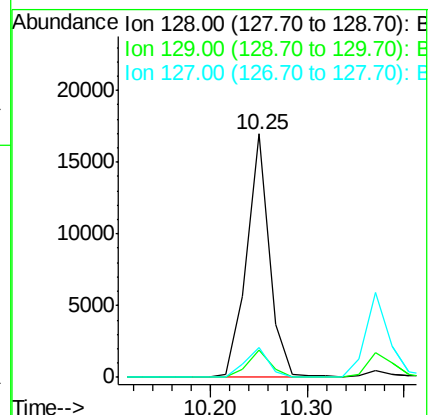
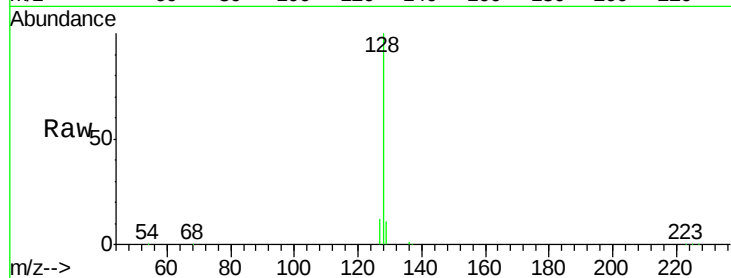
Tot Ion:128 Resp: 27326

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

127 12.4 10.4 15.6



#10

Hexachlorobutadiene

Concen: 2.07 ng

RT: 10.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

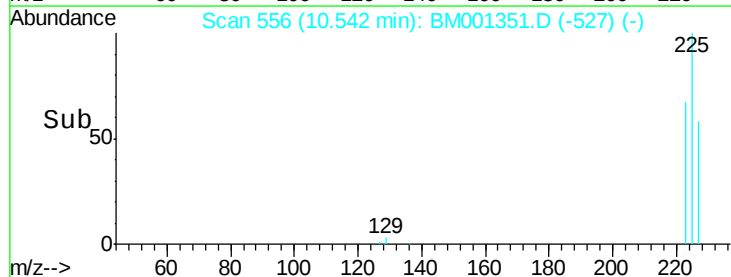
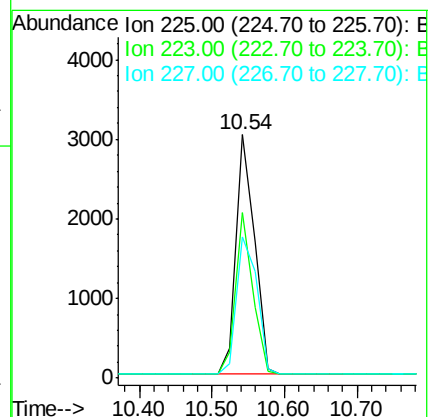
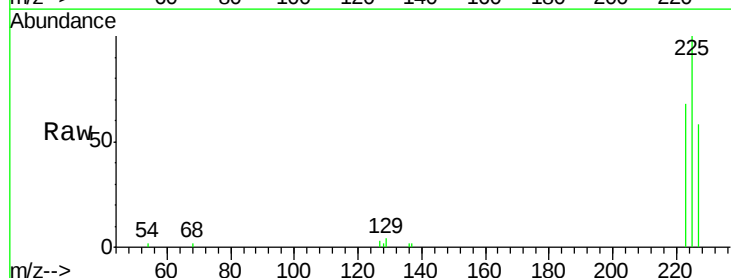
Tgt Ion:225 Resp: 5225

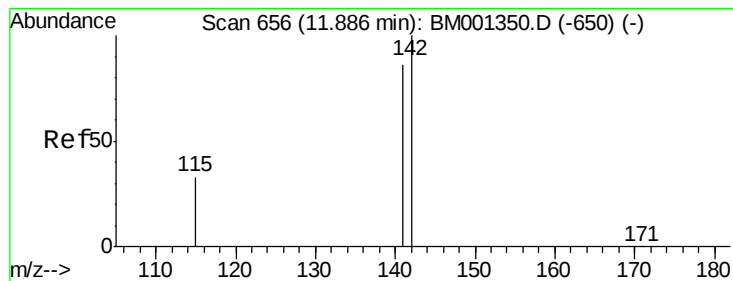
Ion Ratio Lower Upper

225 100

223 62.7 50.3 75.5

227 63.9 50.6 75.8





#11

2-Methylnaphthalene

Concen: 2.10 ng

RT: 11.89 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

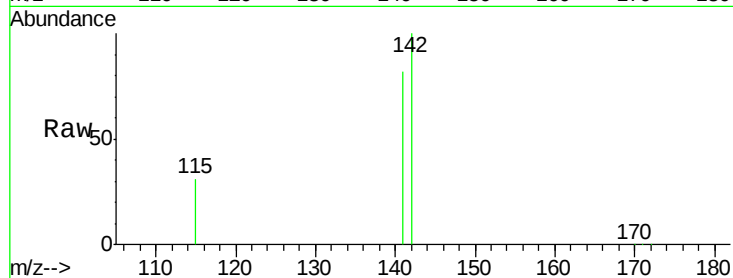
Tot Ion:142 Resp: 19741

Ion Ratio Lower Upper

142 100

141 82.0 69.0 103.4

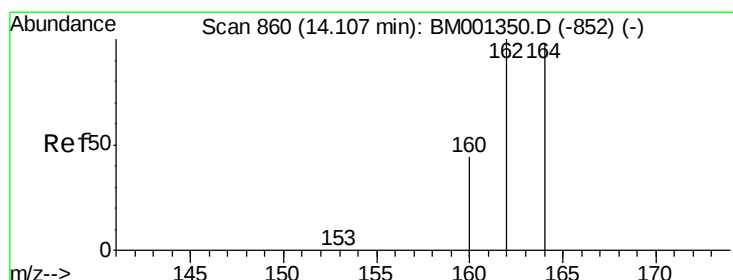
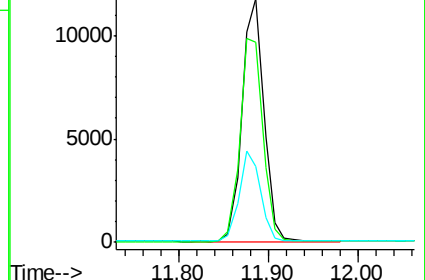
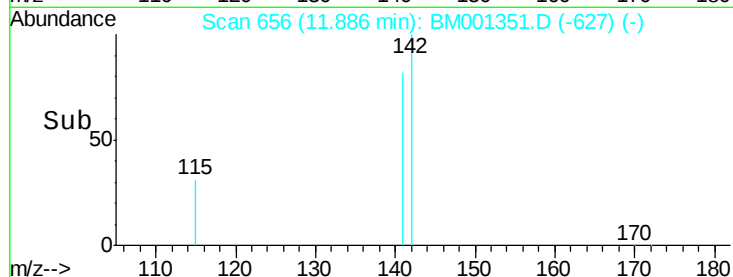
115 31.4 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.11 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

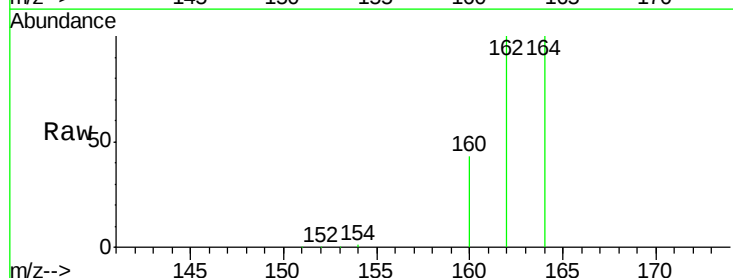
Tgt Ion:164 Resp: 40505

Ion Ratio Lower Upper

164 100

162 100.2 81.8 122.8

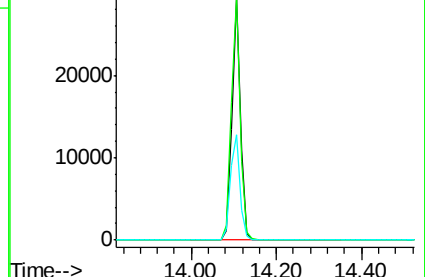
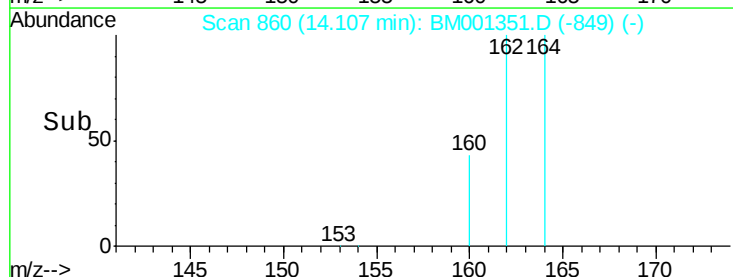
160 43.3 35.8 53.8

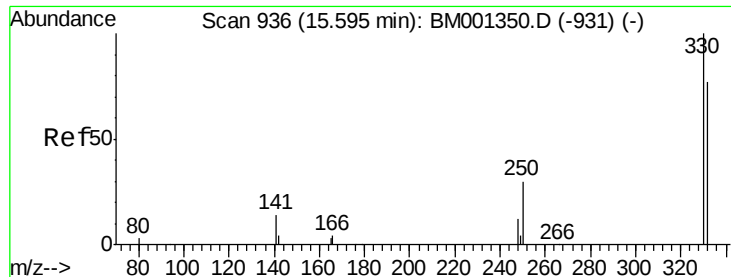


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

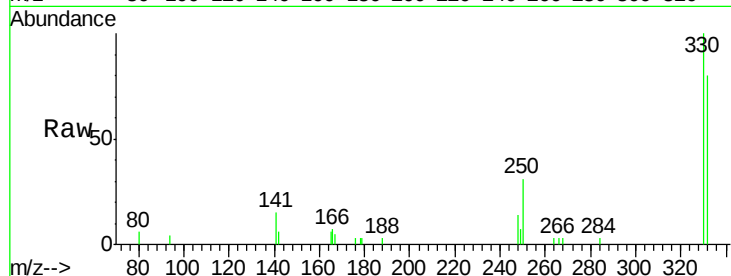




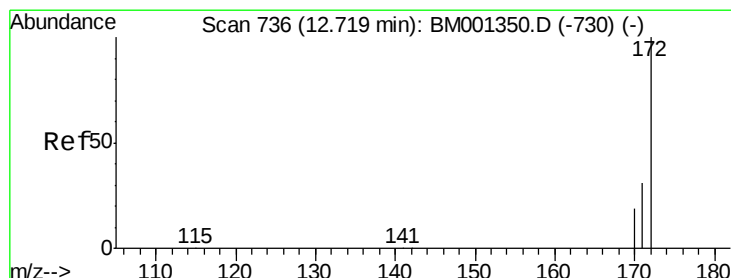
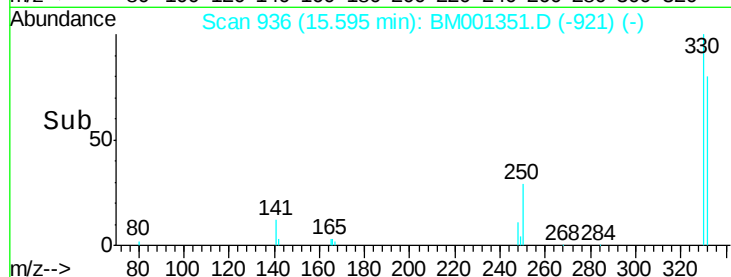
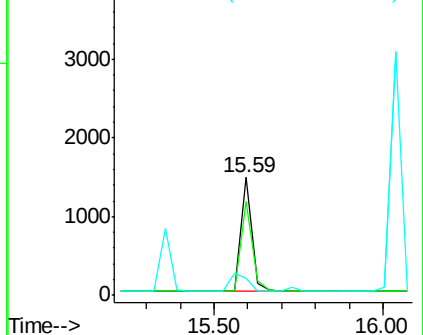
#13
 2,4,6-Tribromophenol
 Concen: 2.62 ng
 RT: 15.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001351.D
 Acq: 21 May 2015 08:36

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 3279
 Ion Ratio Lower Upper
 330 100
 332 83.8 65.4 98.2
 141 0.0 20.2 30.4#

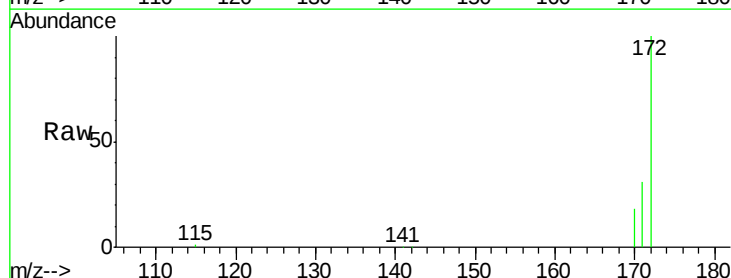


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

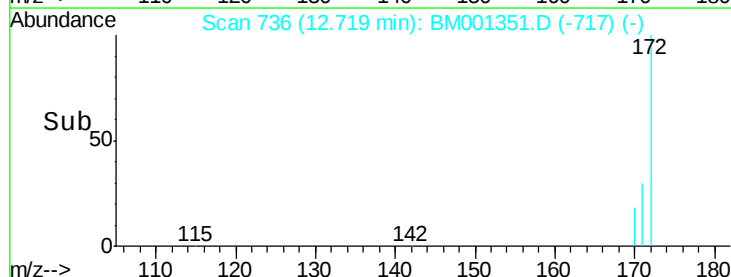
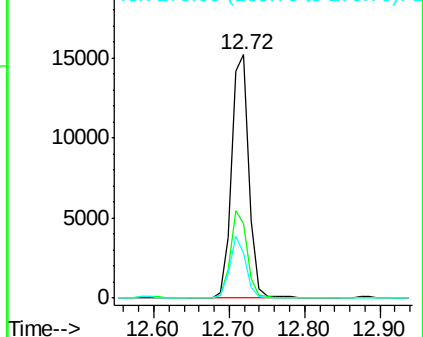


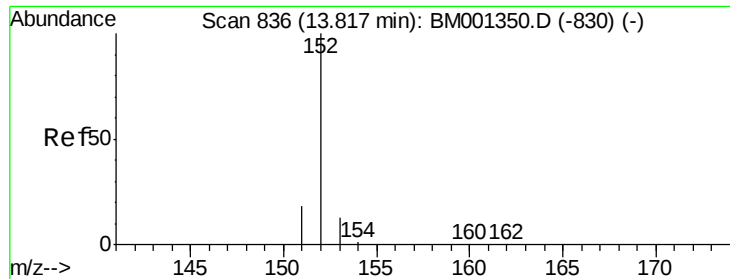
#14
 2-Fluorobiphenyl
 Concen: 2.06 ng
 RT: 12.72 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BM001351.D
 Acq: 21 May 2015 08:36

Tgt Ion:172 Resp: 24361
 Ion Ratio Lower Upper
 172 100
 171 30.9 25.4 38.2
 170 18.4 15.7 23.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 2.09 ng

RT: 13.82 min Scan# 836

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

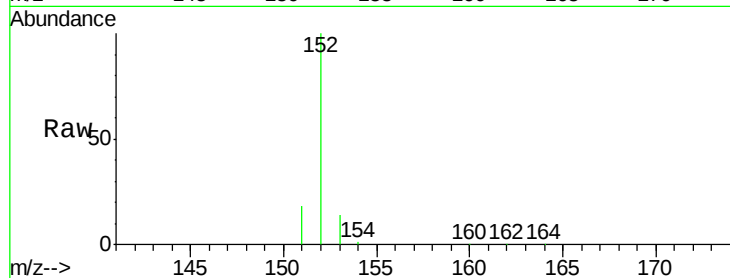
Tot Ion:152 Resp: 36418

Ion Ratio Lower Upper

152 100

151 19.0 15.3 22.9

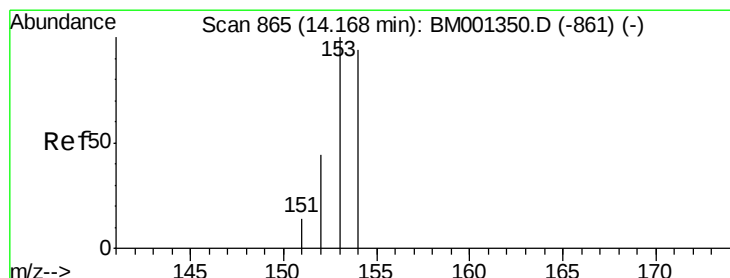
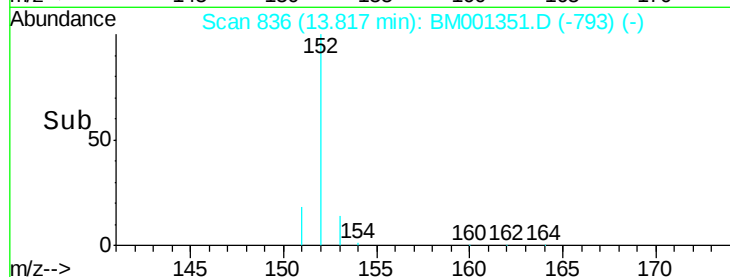
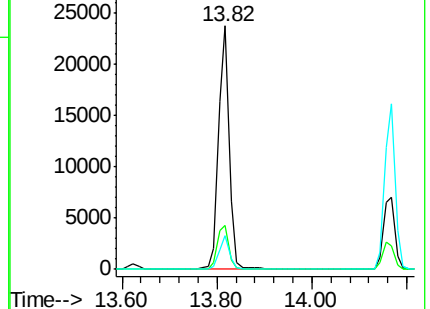
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 2.07 ng

RT: 14.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

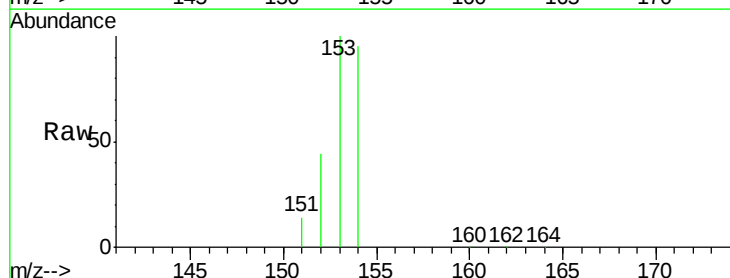
Tgt Ion:154 Resp: 21534

Ion Ratio Lower Upper

154 100

153 113.1 90.6 135.8

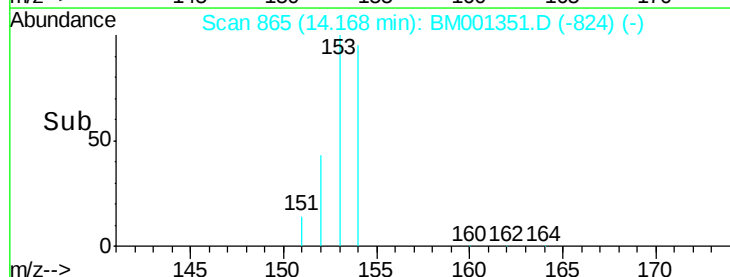
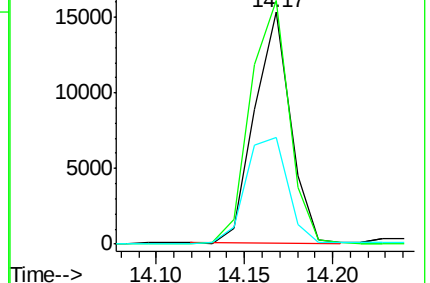
152 54.1 43.6 65.4

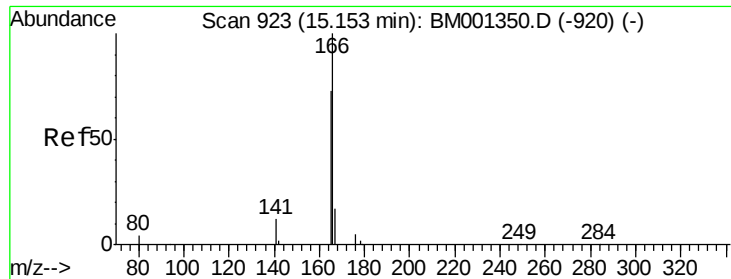


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

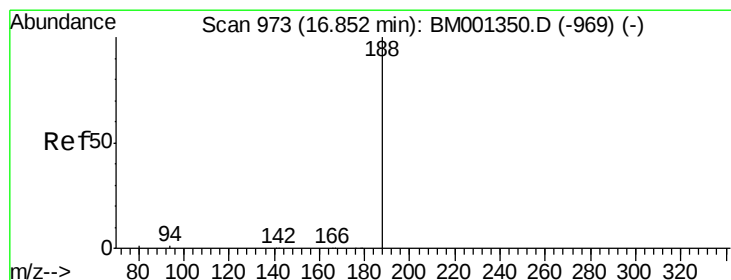
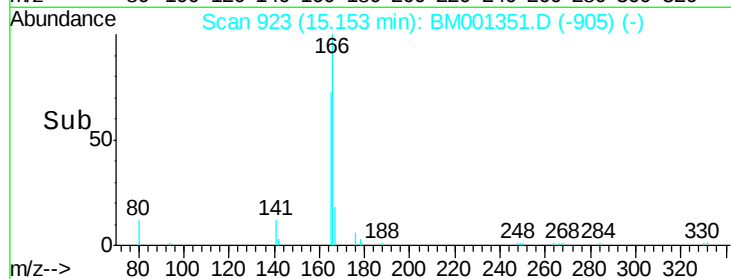
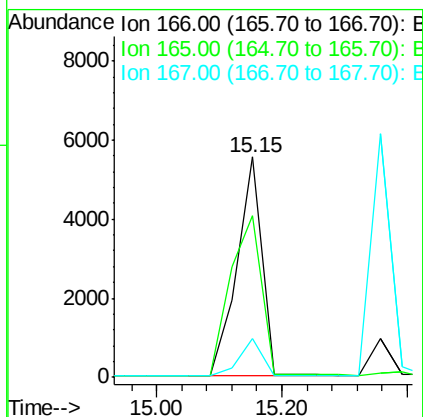
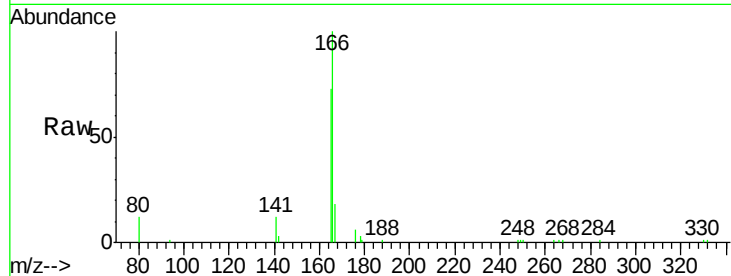




#17
Fluorene
Concen: 1.52 ng
RT: 15.15 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

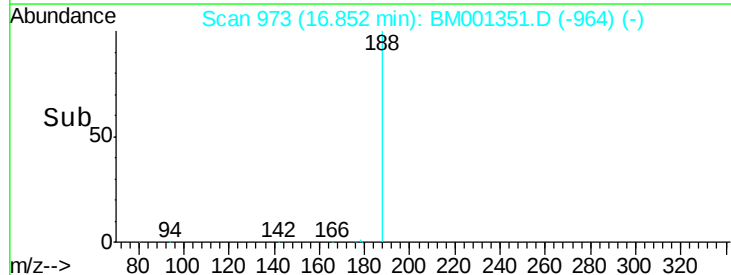
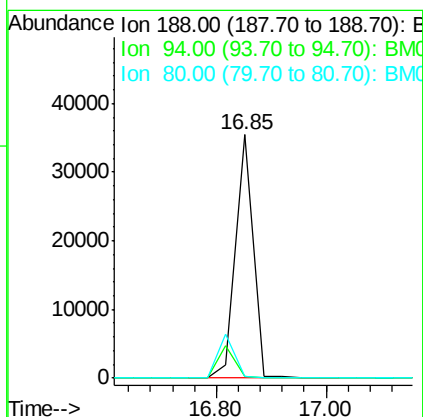
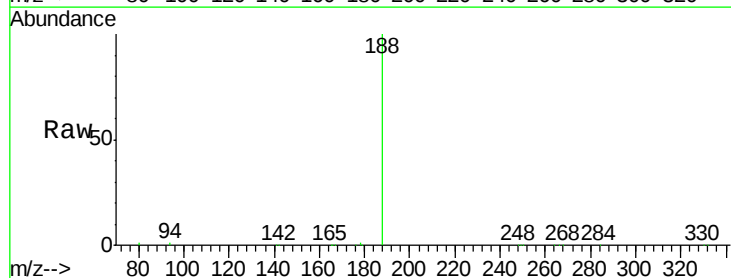
Instrument :
BNA_M
ClientSampleId :

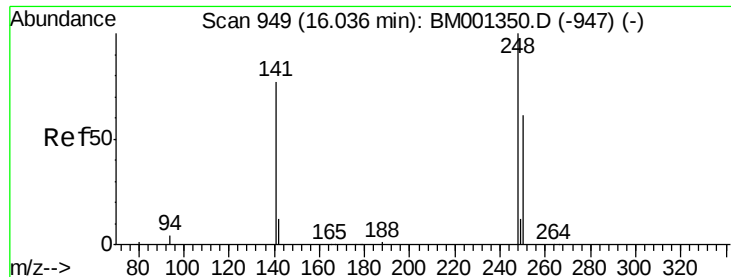
Tot Ion:166 Resp: 15494
Ion Ratio Lower Upper
166 100
165 90.1 72.5 108.7
167 16.9 16.0 24.0



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:188 Resp: 76882
Ion Ratio Lower Upper
188 100
94 0.6 0.6 1.0#
80 0.5 0.6 0.8#

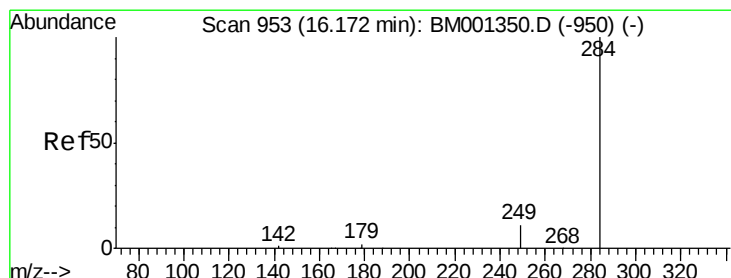
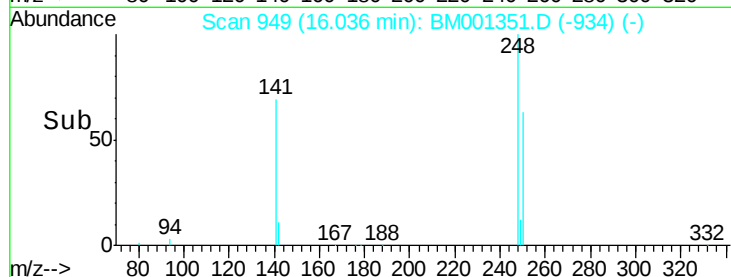
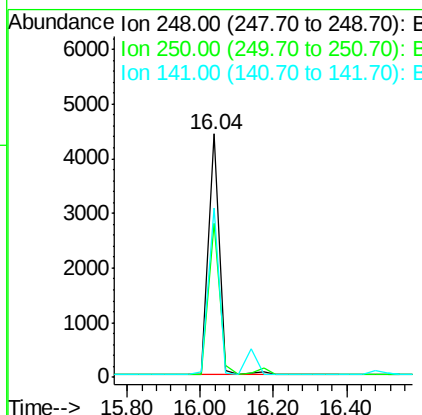
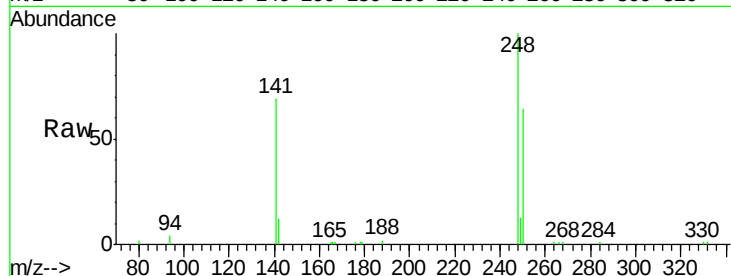




#19
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 16.04 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

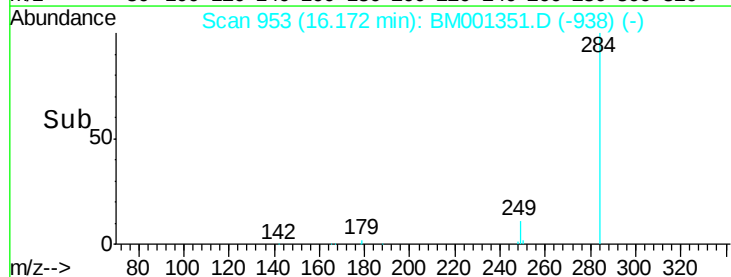
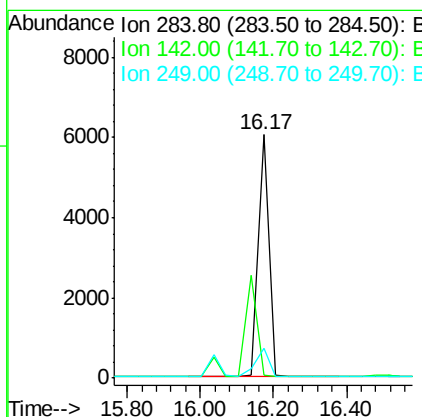
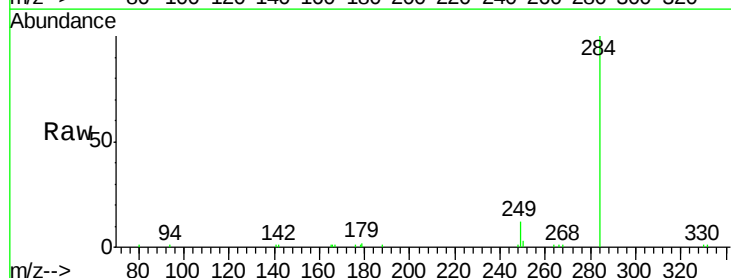
Instrument :
BNA_M
ClientSampleId :

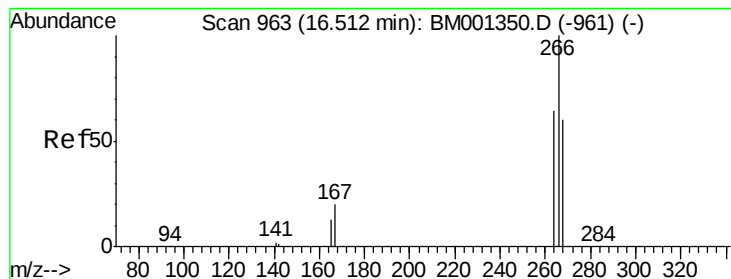
Tot Ion:248 Resp: 9359
Ion Ratio Lower Upper
248 100
250 65.4 51.5 77.3
141 67.8 59.0 88.6



#20
Hexachlorobenzene
Concen: 2.46 ng
RT: 16.17 min Scan# 953
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:284 Resp: 12418
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 14.3 11.1 16.7





#21

Pentachlorophenol

Concen: 2.80 ng

RT: 16.51 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

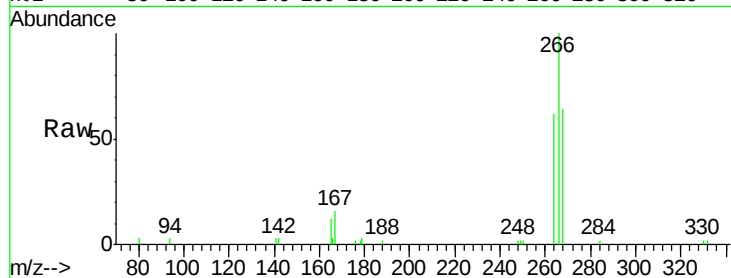
Tot Ion:266 Resp: 5077

Ion Ratio Lower Upper

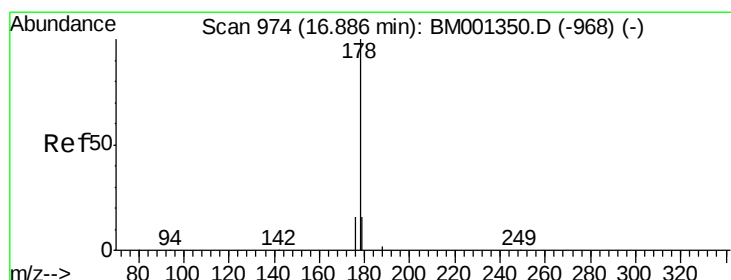
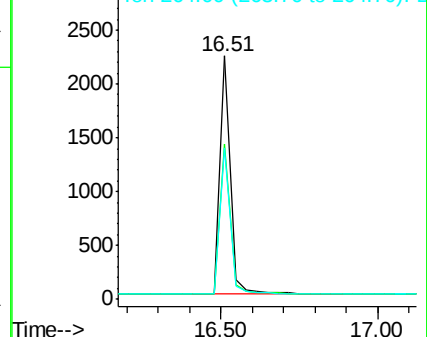
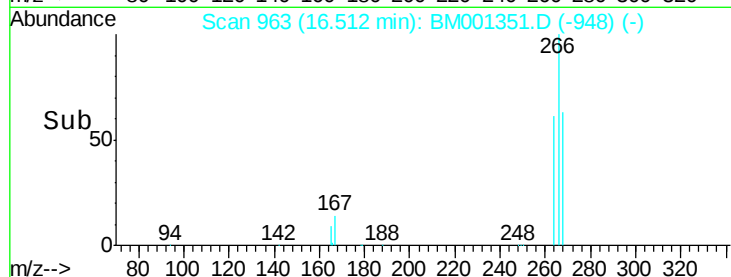
266 100

268 63.6 51.2 76.8

264 62.1 53.7 80.5



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



#22

Phenanthrene

Concen: 2.98 ng

RT: 16.89 min Scan# 974

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

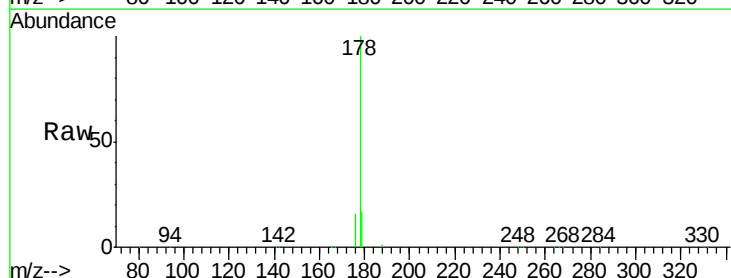
Tgt Ion:178 Resp: 79155

Ion Ratio Lower Upper

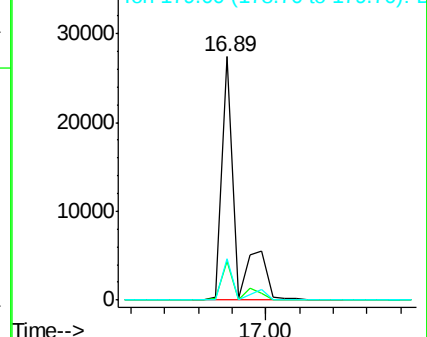
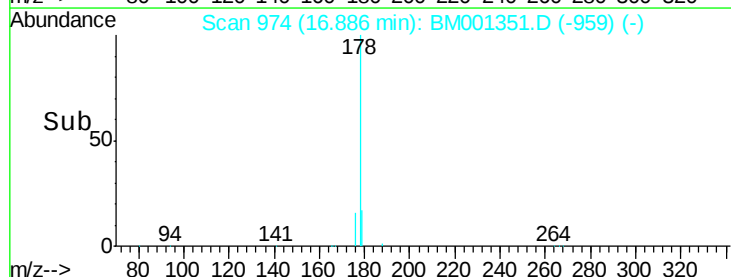
178 100

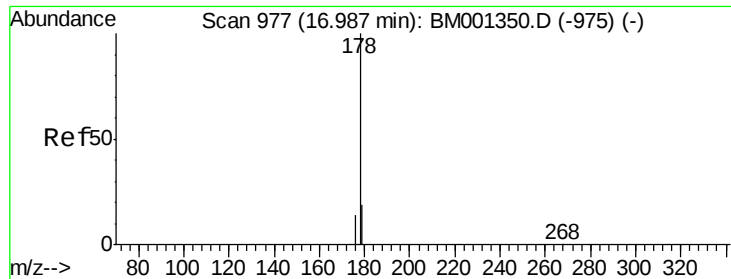
176 16.9 16.6 25.0

179 13.5 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





#23

Anthracene

Concen: 8.33 ng

RT: 16.89 min Scan# 974

Delta R.T. -0.10 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

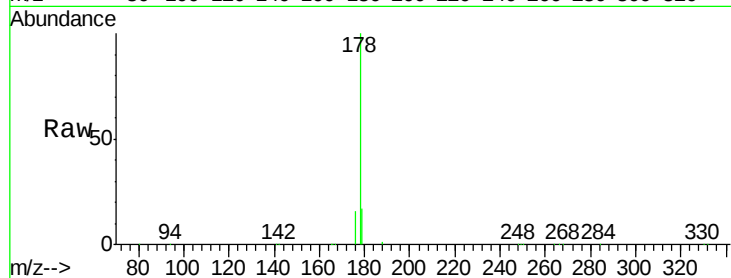
Tot Ion:178 Resp: 79332

Ion Ratio Lower Upper

178 100

176 16.9 46.1 69.1#

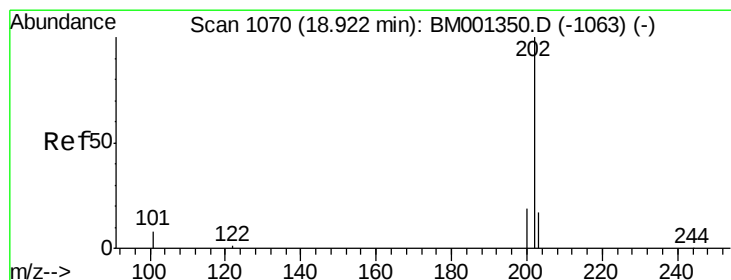
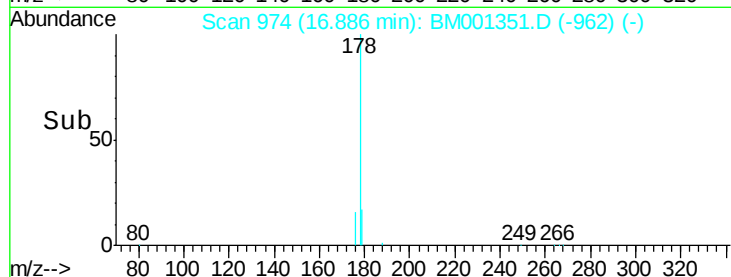
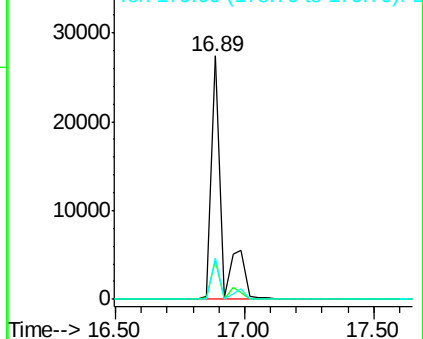
179 13.4 35.4 53.0#



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

Fluoranthene

Concen: 2.72 ng

RT: 18.92 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

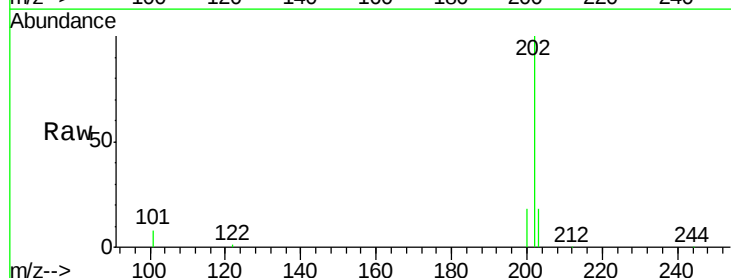
Tgt Ion:202 Resp: 53770

Ion Ratio Lower Upper

202 100

101 11.0 8.7 13.1

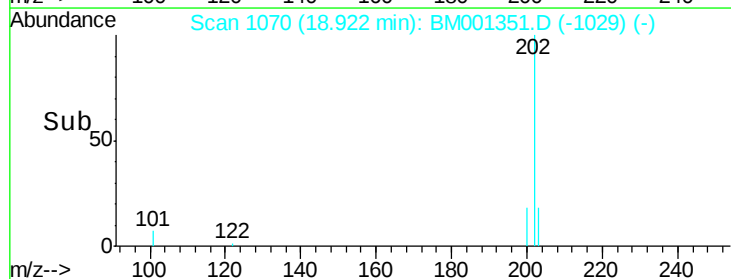
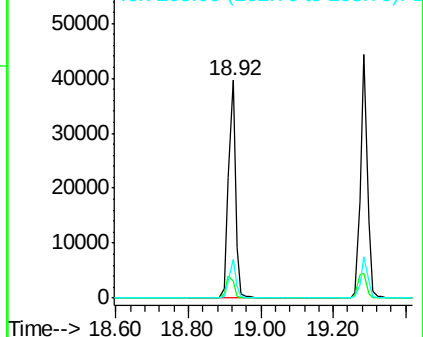
203 17.1 13.8 20.6

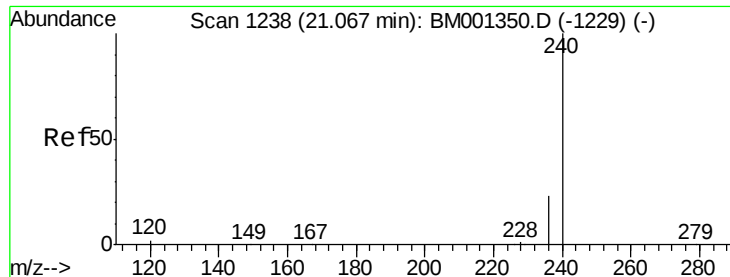


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

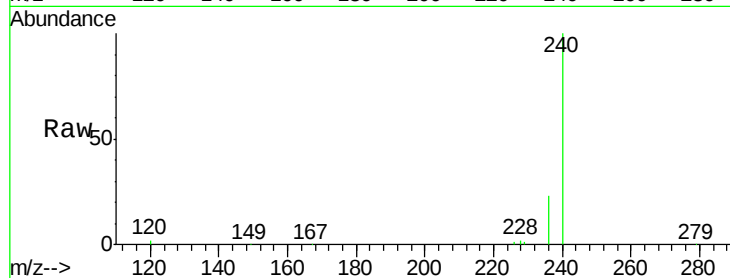
Tot Ion:240 Resp: 90718

Ion Ratio Lower Upper

240 100

120 1.6 1.6 2.4#

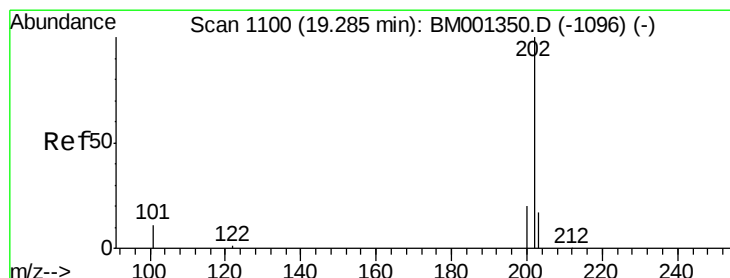
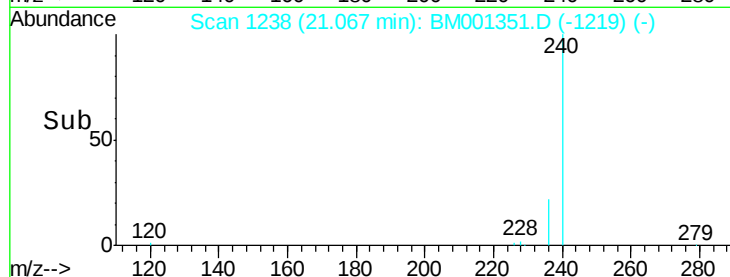
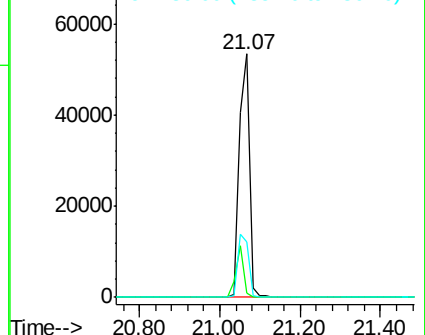
236 22.6 18.5 27.7



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



#26

Pyrene

Concen: 2.14 ng

RT: 19.29 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

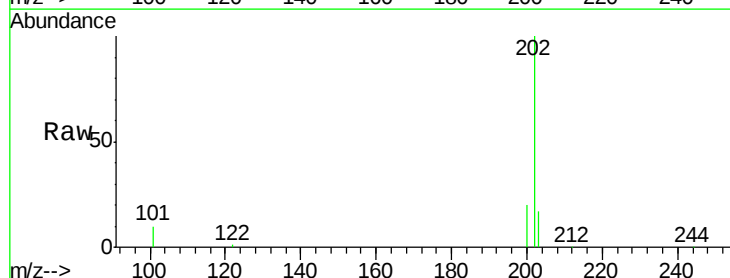
Tgt Ion:202 Resp: 57091

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.4

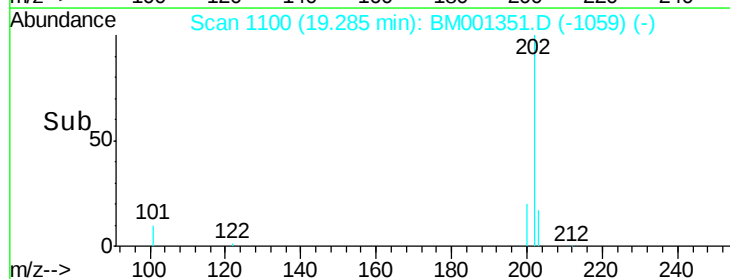
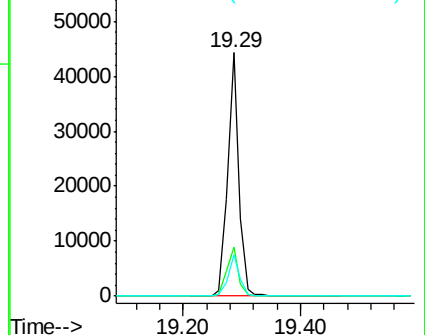
203 17.3 13.9 20.9

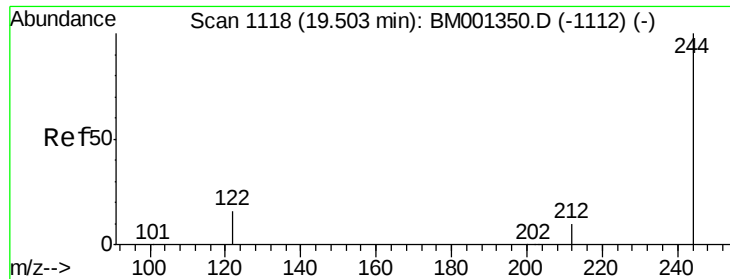


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 2.11 ng

RT: 19.50 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

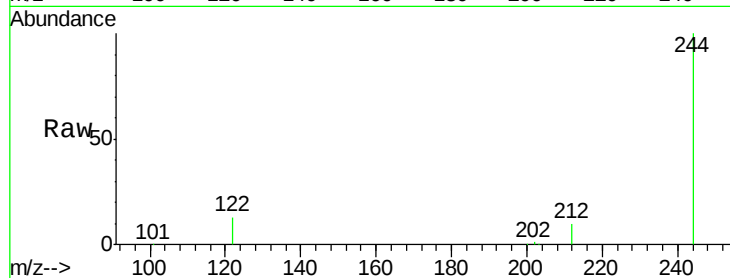
Tot Ion:244 Resp: 24385

Ion Ratio Lower Upper

244 100

212 9.9 8.5 12.7

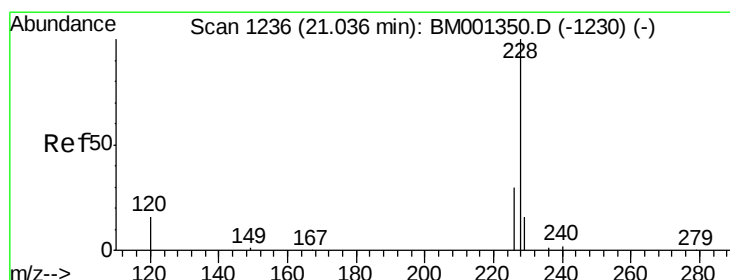
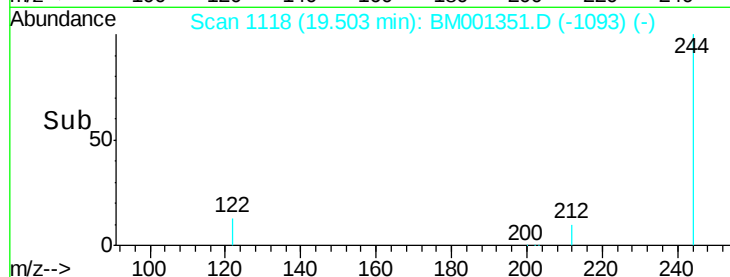
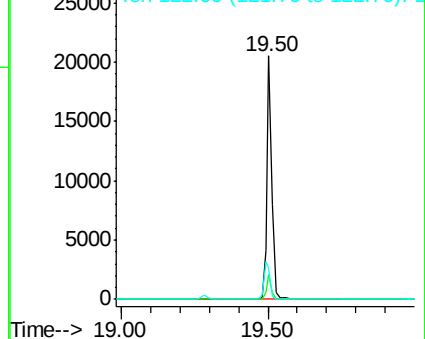
122 12.9 13.4 20.2#



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



#28

Benzo(a)anthracene

Concen: 2.19 ng

RT: 21.04 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

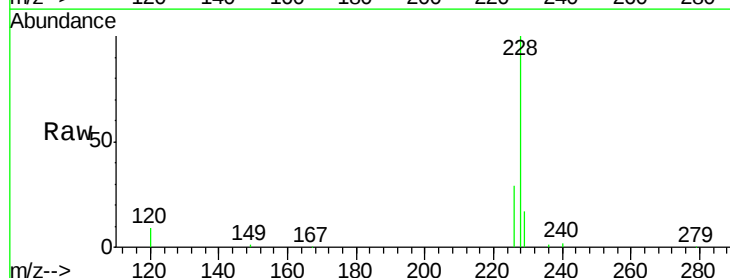
Tgt Ion:228 Resp: 53981

Ion Ratio Lower Upper

228 100

226 28.8 24.5 36.7

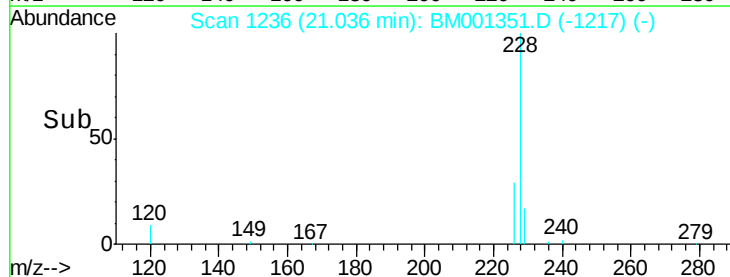
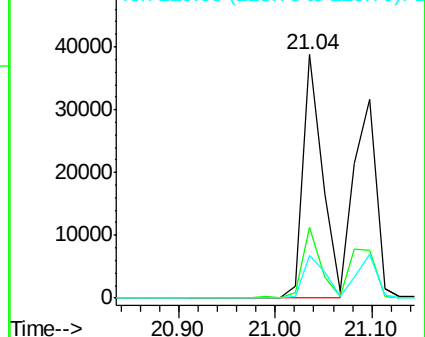
229 17.3 13.3 19.9

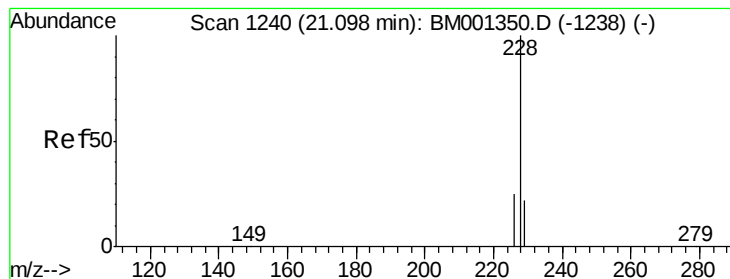


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrvsene

Concen: 2.16 ng

RT: 21.10 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

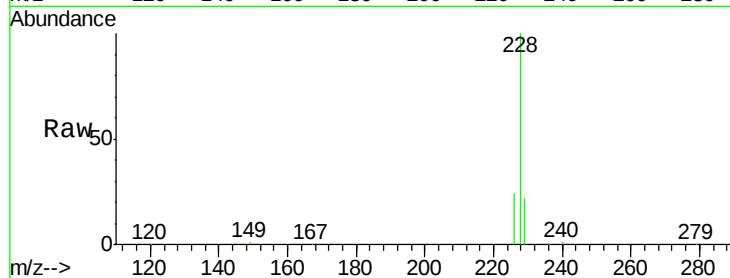
Tot Ion:228 Resp: 51402

Ion Ratio Lower Upper

228 100

226 24.4 20.0 30.0

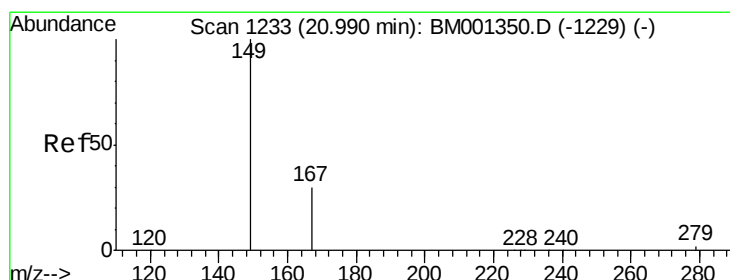
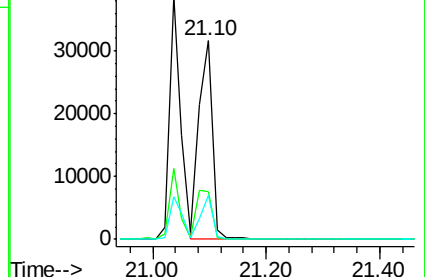
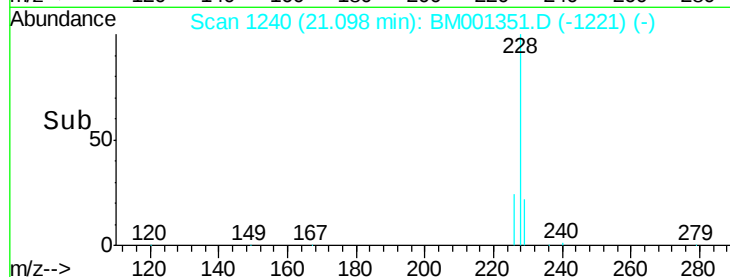
229 22.0 17.6 26.4



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.94 ng

RT: 20.99 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

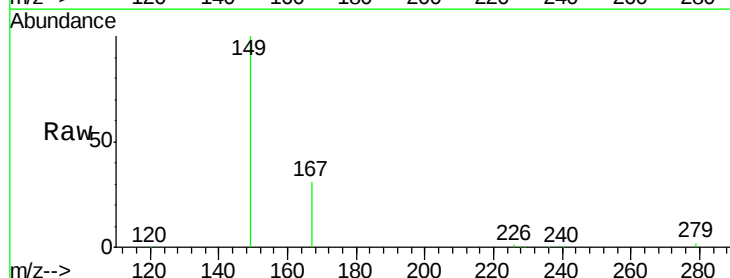
Tgt Ion:149 Resp: 27114

Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

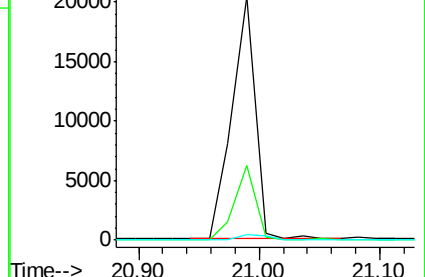
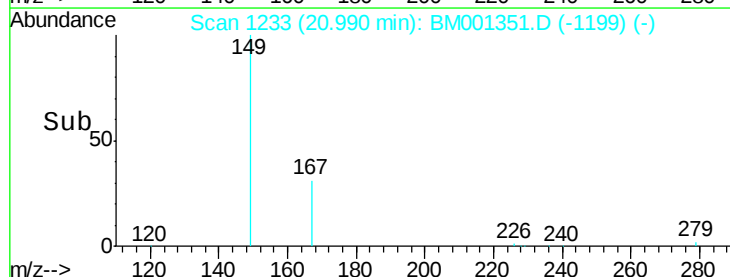
279 2.4 1.9 2.9

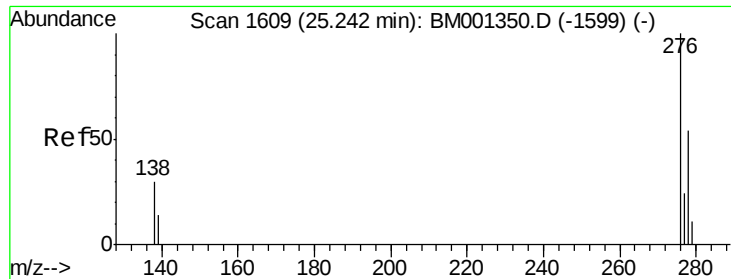


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

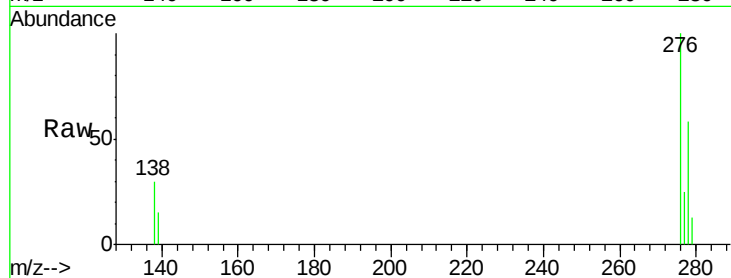




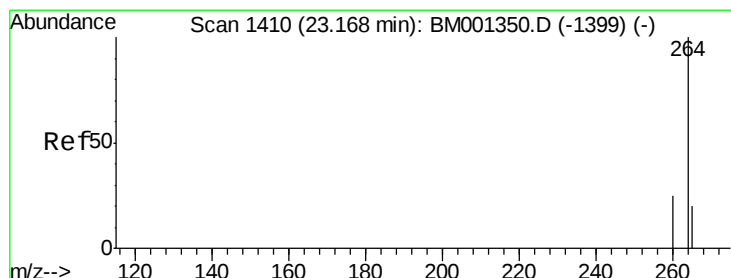
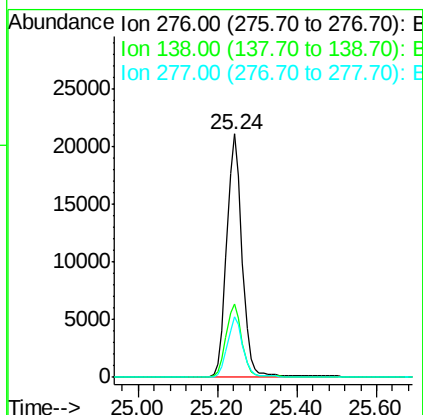
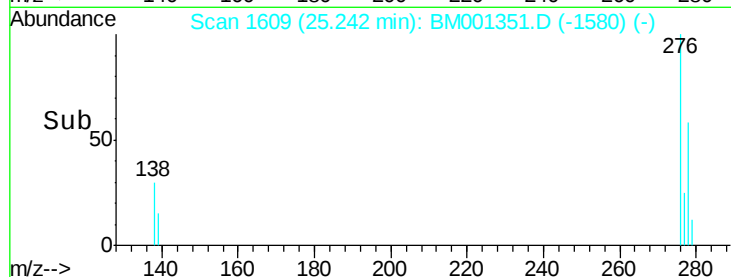
#31
Indeno(1,2,3-cd)pyrene
Concen: 2.12 ng
RT: 25.24 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 56505
Ion Ratio Lower Upper
276 100
138 30.8 24.2 36.4
277 24.7 19.7 29.5

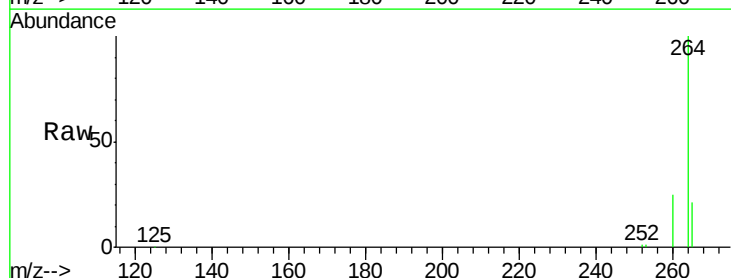


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

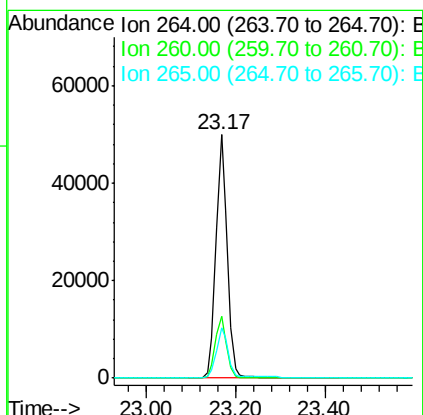
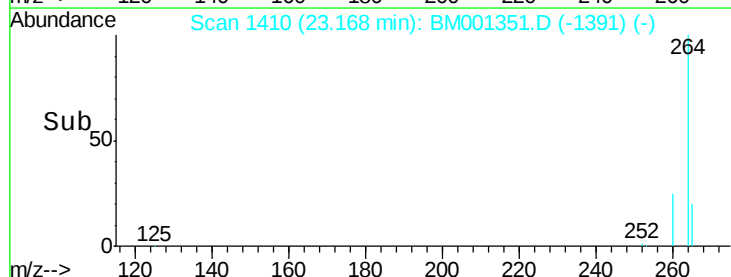


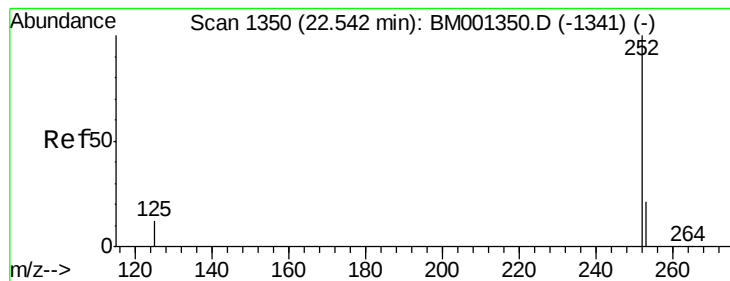
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.17 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BM001351.D
Acq: 21 May 2015 08:36

Tgt Ion:264 Resp: 87122
Ion Ratio Lower Upper
264 100
260 25.4 20.4 30.6
265 20.8 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





#33

Benzo(b)fluoranthene

Concen: 2.20 ng

RT: 22.54 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

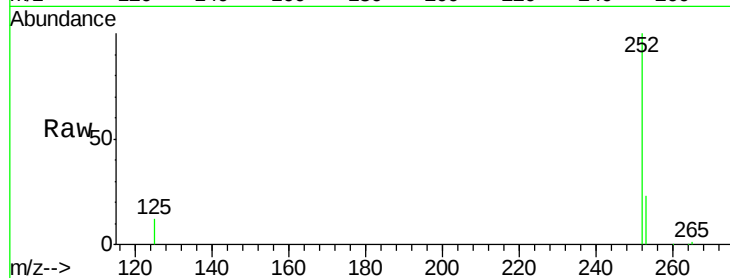
Tot Ion:252 Resp: 55866

Ion Ratio Lower Upper

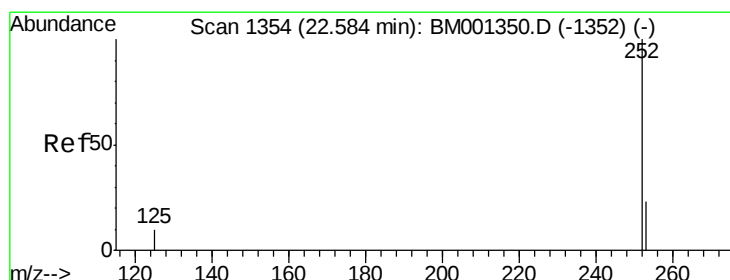
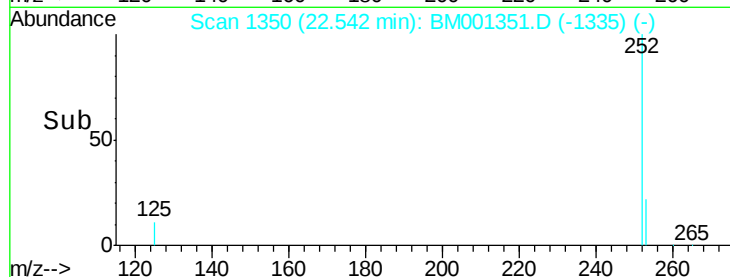
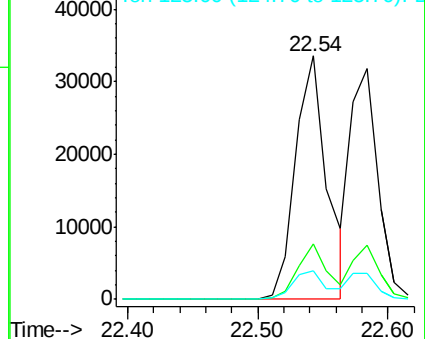
252 100

253 22.5 17.9 26.9

125 11.5 9.8 14.8



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



#34

Benzo(k)fluoranthene

Concen: 1.95 ng

RT: 22.58 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

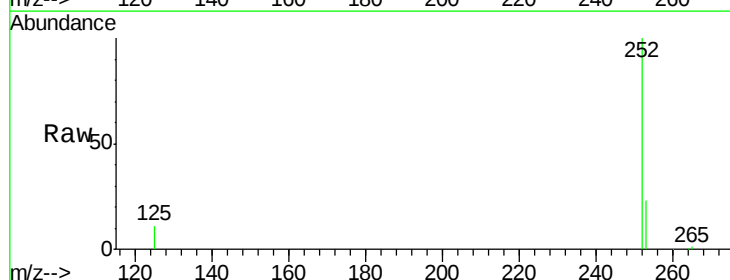
Tgt Ion:252 Resp: 47379

Ion Ratio Lower Upper

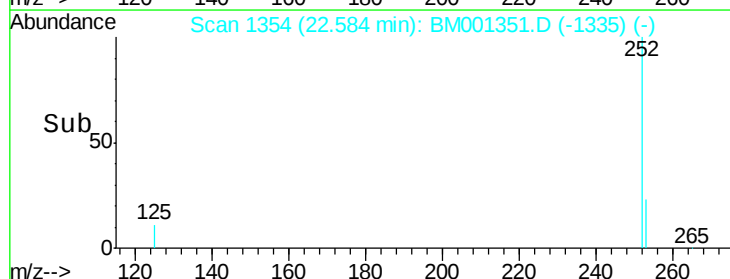
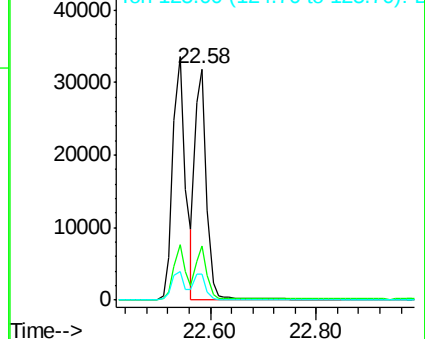
252 100

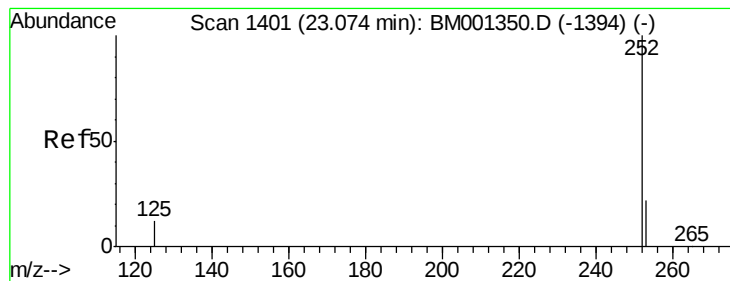
253 23.2 18.6 28.0

125 11.0 9.3 13.9



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





#35

Benzo(a)pyrene

Concen: 2.09 ng

RT: 23.07 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :

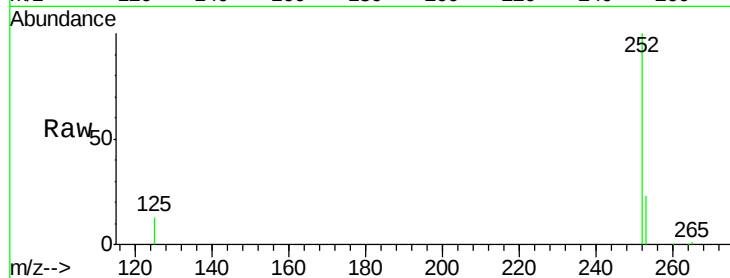
Tot Ion:252 Resp: 47243

Ion Ratio Lower Upper

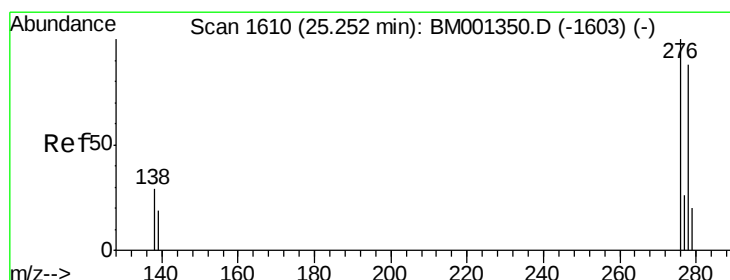
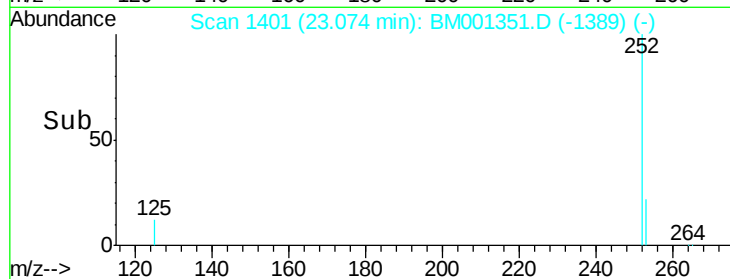
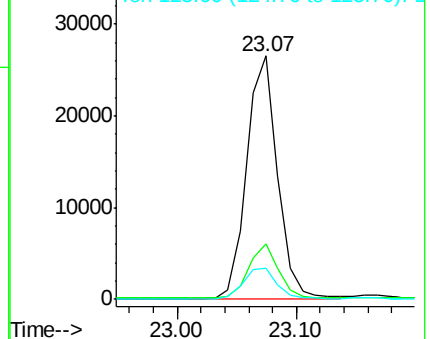
252 100

253 22.8 18.9 28.3

125 12.7 10.6 15.8



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



#36

Dibenzo(a,h)anthracene

Concen: 2.07 ng

RT: 25.25 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM001351.D

Acq: 21 May 2015 08:36

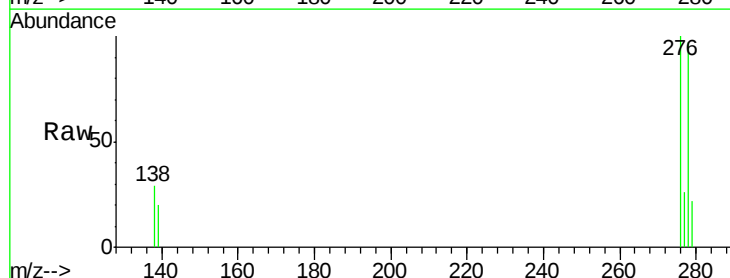
Tgt Ion:278 Resp: 43874

Ion Ratio Lower Upper

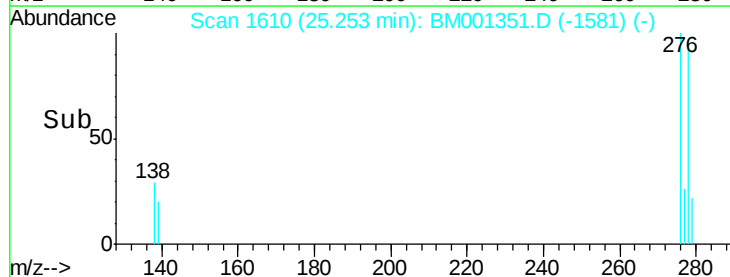
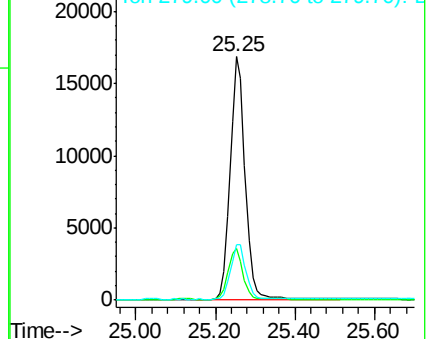
278 100

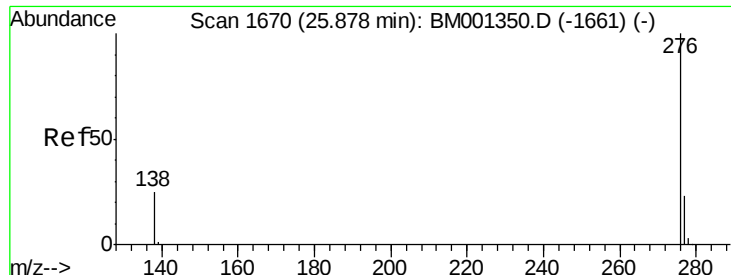
139 21.2 17.5 26.3

279 23.0 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 2.07 ng

RT: 25.88 min Scan# 1670

Delta R.T. 0.00 min

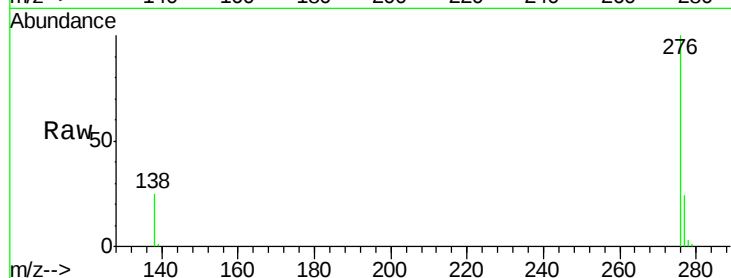
Lab File: BM001351.D

Acq: 21 May 2015 08:36

Instrument :

BNA_M

ClientSampleId :



Tot Ion: 276 Resp: 46478

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 25.0 20.2 30.4

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

