

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
 Data File : BM001360.D
 Acq On : 21 May 2015 14:33
 Operator : TP/IZ
 Sample : G2313-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 21 15:24:11 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	10262	5.00	ng	0.00
6) Naphthalene-d8	10.20	136	43165	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	26061	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	49632	5.00	ng	0.00
25) Chrysene-d12	21.07	240	56315	5.00	ng	0.00
32) Perylene-d12	23.17	264	51670	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	8414	4.22	ng	0.00
5) Phenol-d6	6.61	99	7587	3.06	ng	0.00
7) Nitrobenzene-d5	8.58	82	22404	9.62	ng	-0.01
13) 2,4,6-Tribromophenol	15.59	330	20546	18.88	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	71314	9.17	ng	-0.01
27) Terphenyl-d14	19.50	244	82586	11.15	ng	0.00

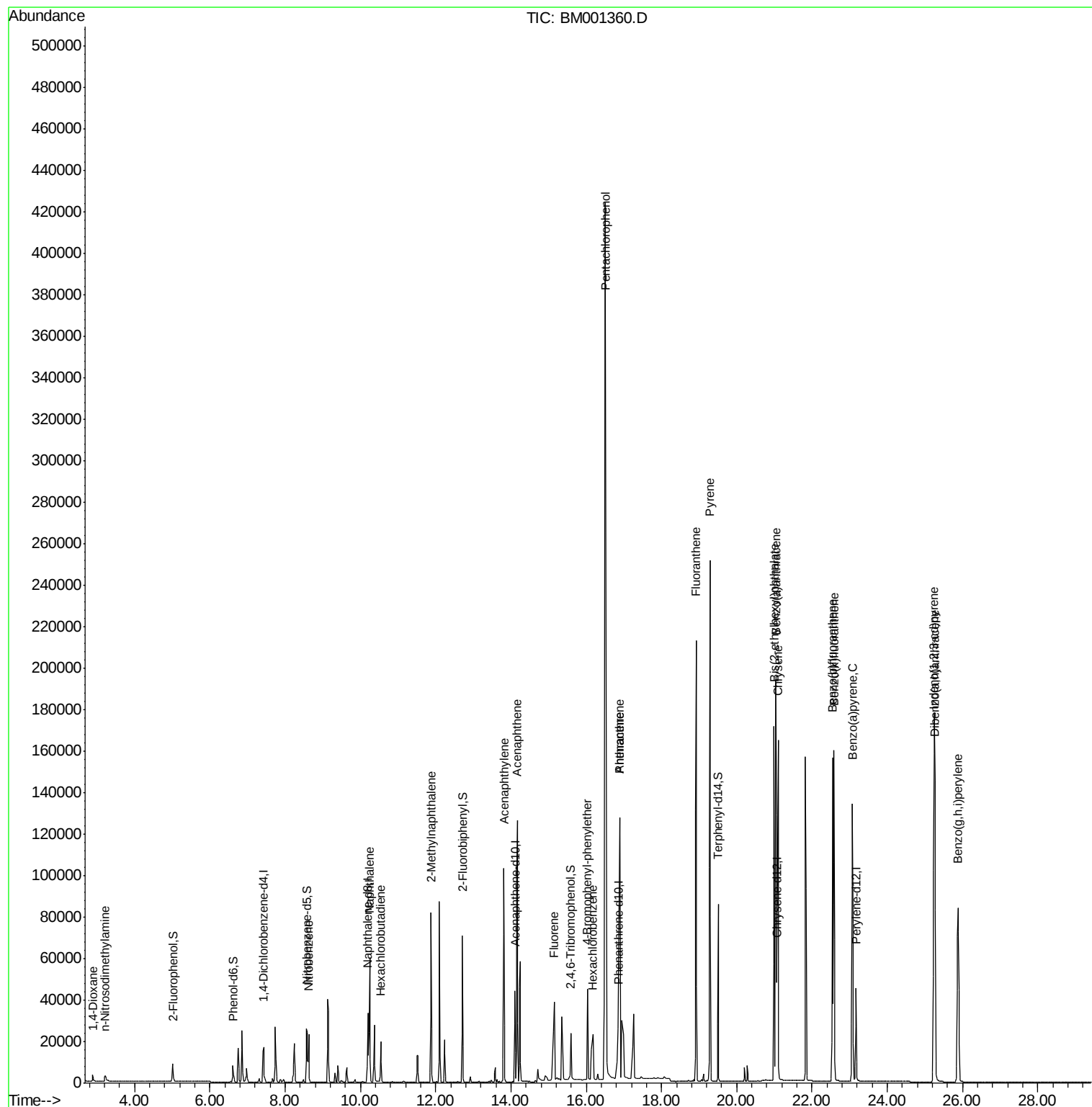
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.89	88	2671	3.33	ng	93
3) n-Nitrosodimethylamine	3.21	42	3752	3.24	ng	# 97
8) Nitrobenzene	8.62	77	26011	8.92	ng	97
9) Naphthalene	10.25	128	79232	8.60	ng	99
10) Hexachlorobutadiene	10.54	225	14461	8.11	ng	99
11) 2-Methylnaphthalene	11.89	142	62029	9.48	ng	94
15) Acenaphthylene	13.82	152	118345	10.79	ng	100
16) Acenaphthene	14.17	154	68851	10.00	ng	98
17) Fluorene	15.15	166	49244	8.94	ng	# 96
19) 4-Bromophenyl-phenylether	16.04	248	36840	13.81	ng	# 85
20) Hexachlorobenzene	16.17	284	39425	10.76	ng	# 99
21) Pentachlorophenol	16.51	266	367084	170.05	ng	96
22) Phenanthrene	16.89	178	271030	15.53	ng	93
23) Anthracene	16.89	178	271030	40.13	ng	# 49
24) Fluoranthene	18.92	202	197177	13.19	ng	99
26) Pyrene	19.29	202	213825	12.42	ng	99
28) Benzo(a)anthracene	21.04	228	184886	11.48	ng	99
29) Chrysene	21.10	228	174353	11.30	ng	99
30) Bis(2-ethylhexyl)phthalate	20.99	149	167506	16.28	ng	100
31) Indeno(1,2,3-cd)pyrene	25.24	276	185517	11.17	ng	99
33) Benzo(b)fluoranthene	22.54	252	185328	11.64	ng	99
34) Benzo(k)fluoranthene	22.58	252	164169	11.71	ng	98
35) Benzo(a)pyrene	23.07	252	167861	12.39	ng	97
36) Dibenzo(a,h)anthracene	25.26	278	148433	11.93	ng	96
37) Benzo(g,h,i)perylene	25.88	276	153708	11.50	ng	98

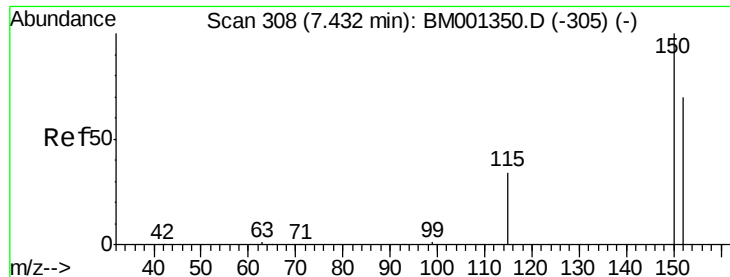
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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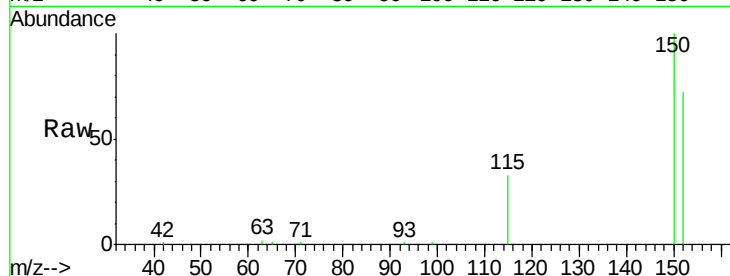


#1

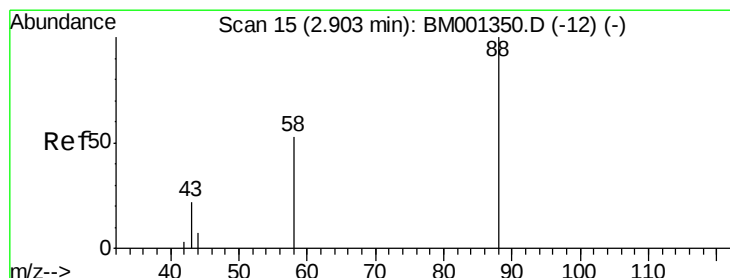
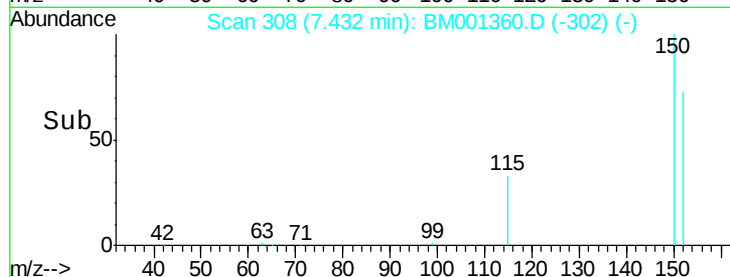
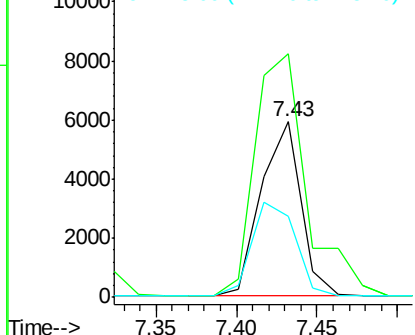
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. -0.00 min
Lab File: BM001360.D
Acq: 21 May 2015 14:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 10262
Ion Ratio Lower Upper
152 100
150 138.6 114.1 171.1
115 46.2 39.2 58.8



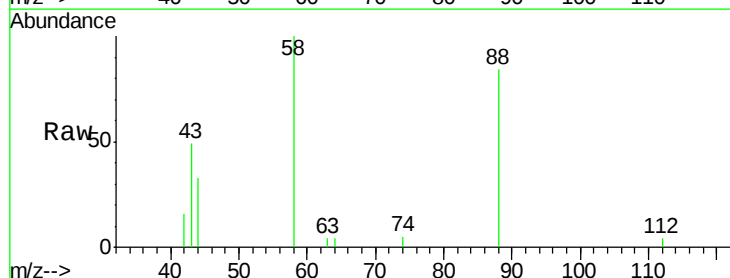
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



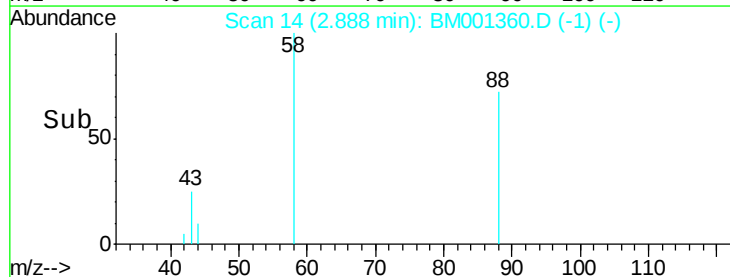
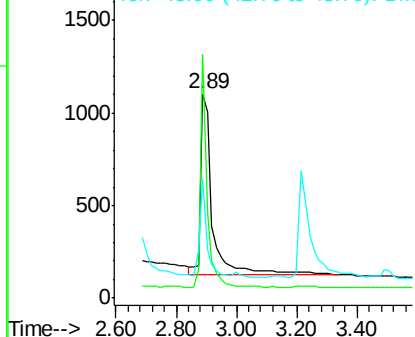
#2

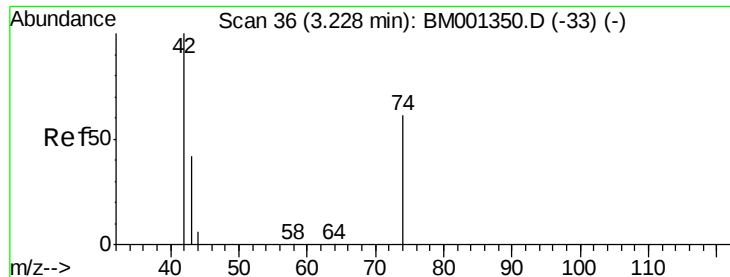
1,4-Dioxane
Concen: 3.33 ng
RT: 2.89 min Scan# 14
Delta R.T. -0.02 min
Lab File: BM001360.D
Acq: 21 May 2015 14:33

Tgt Ion: 88 Resp: 2671
Ion Ratio Lower Upper
88 100
58 71.7 53.1 79.7
43 31.1 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: 3.24 ng

RT: 3.21 min Scan# 35

Delta R.T. -0.02 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

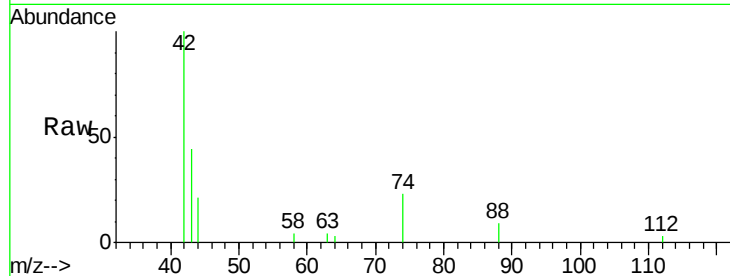
Tot Ion: 42 Resp: 3752

Ion Ratio Lower Upper

42 100

74 89.9 70.0 105.0

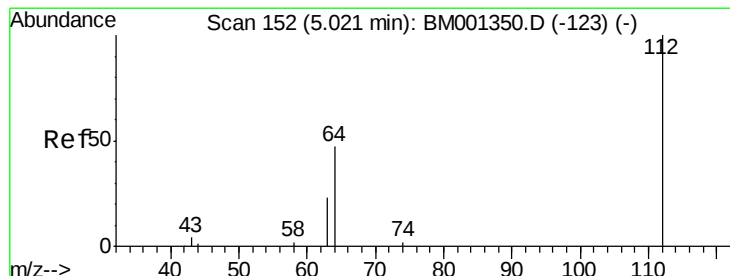
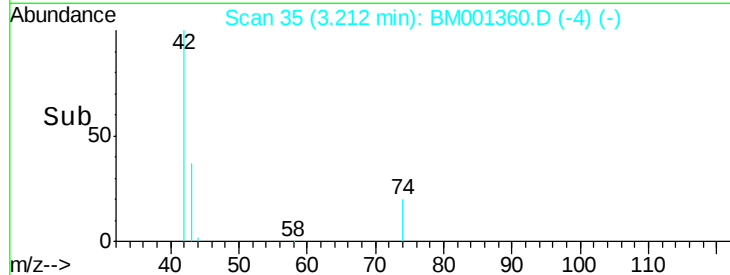
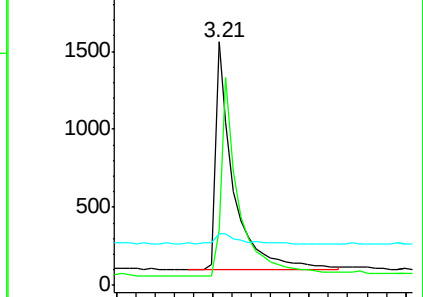
44 6.8 3.6 5.4#



Abundance Ion 42.00 (41.70 to 42.70): BM001350.D (-33) (-)

Ion 74.00 (73.70 to 74.70): BM001350.D (-33) (-)

Ion 44.00 (43.70 to 44.70): BM001350.D (-33) (-)



#4

2-Fluorophenol

Concen: 4.22 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

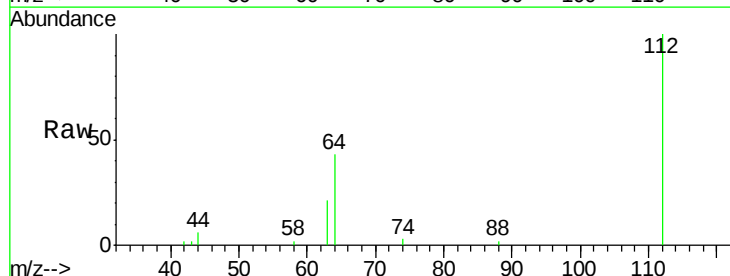
Tgt Ion: 112 Resp: 8414

Ion Ratio Lower Upper

112 100

64 64.9 52.9 79.3

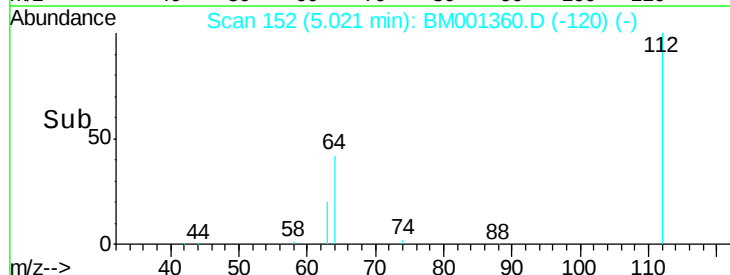
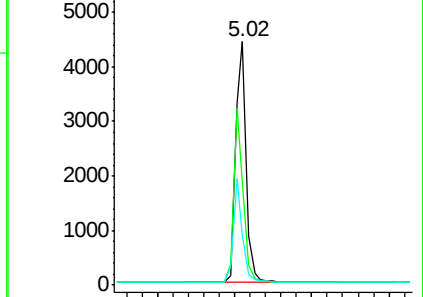
63 36.4 29.6 44.4

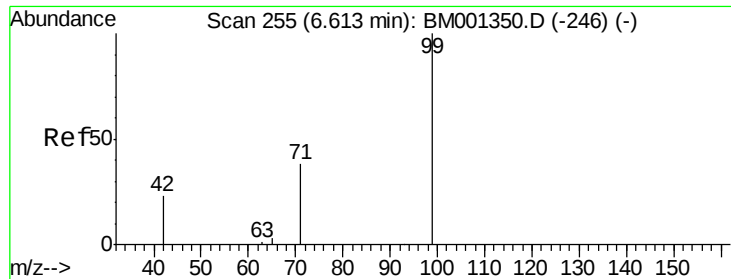


Abundance Ion 112.00 (111.70 to 112.70): BM001350.D (-123) (-)

Ion 64.00 (63.70 to 64.70): BM001350.D (-123) (-)

Ion 63.00 (62.70 to 63.70): BM001350.D (-123) (-)





#5

Phenol-d6

Concen: 3.06 ng

RT: 6.61 min Scan# 255

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

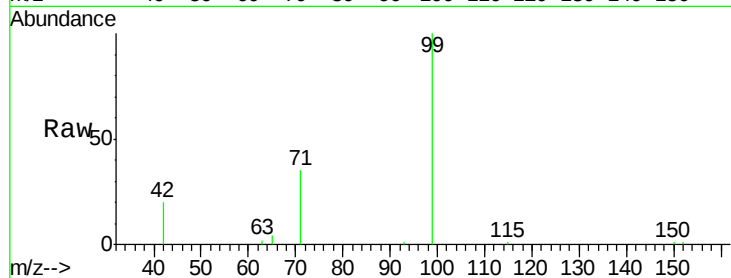
Tot Ion: 99 Resp: 7587

Ion Ratio Lower Upper

99 100

42 25.9 21.4 32.2

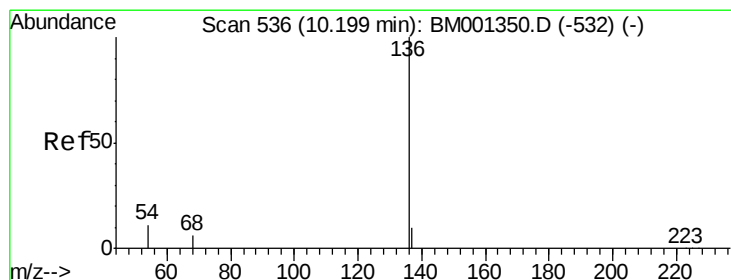
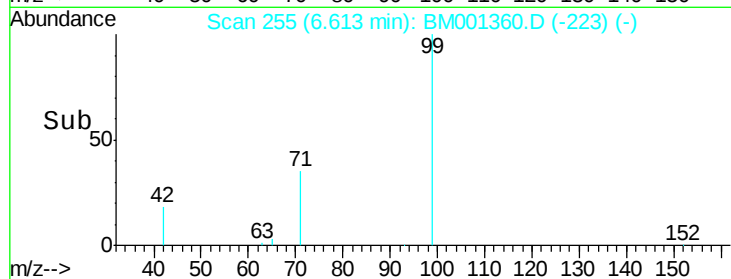
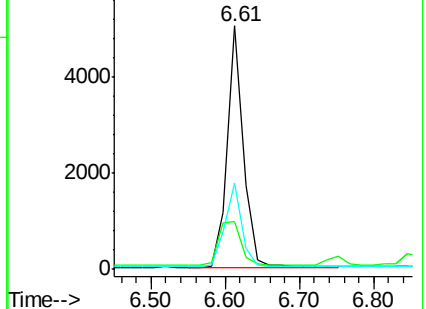
71 36.8 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BM001350.D (-246) (-)

Ion 42.00 (41.70 to 42.70): BM001350.D (-246) (-)

Ion 71.00 (70.70 to 71.70): BM001350.D (-246) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.20 min Scan# 536

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Tgt Ion: 136 Resp: 43165

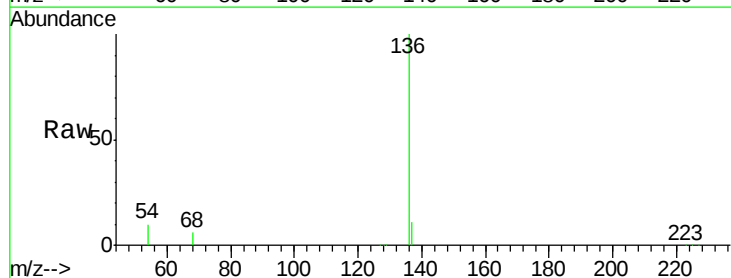
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 9.9 9.4 14.0

68 5.8 5.2 7.8

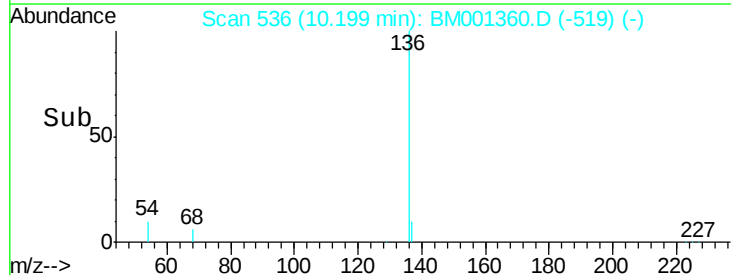
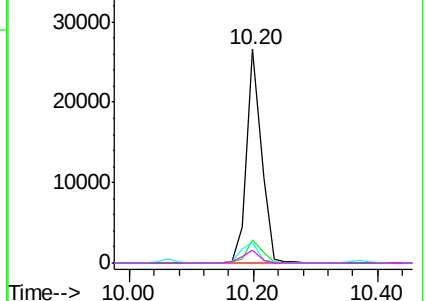


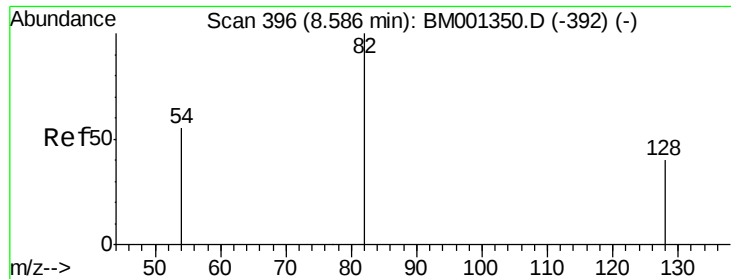
Abundance Ion 136.00 (135.70 to 136.70): BM001350.D (-532) (-)

Ion 137.00 (136.70 to 137.70): BM001350.D (-532) (-)

Ion 54.00 (53.70 to 54.70): BM001350.D (-532) (-)

Ion 68.00 (67.70 to 68.70): BM001350.D (-532) (-)





#7

Nitrobenzene-d5

Concen: 9.62 ng

RT: 8.58 min Scan# 395

Delta R.T. -0.01 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

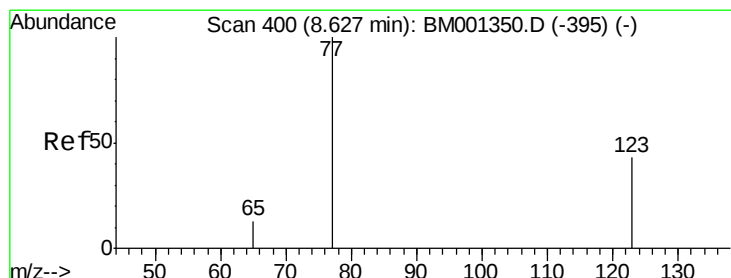
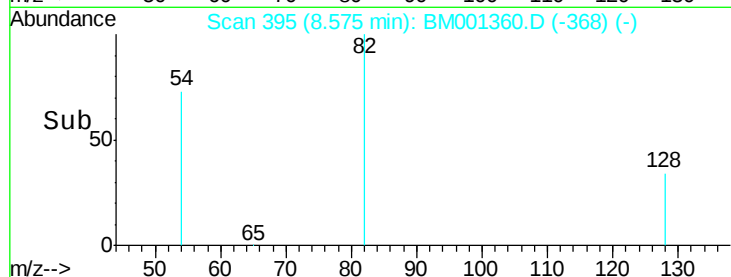
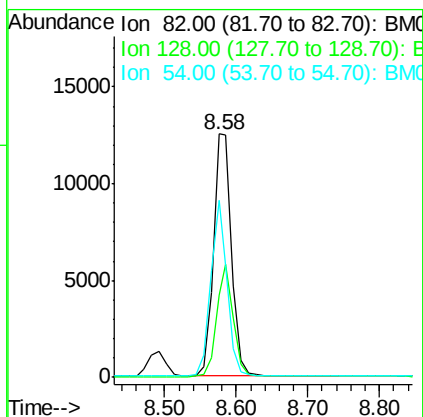
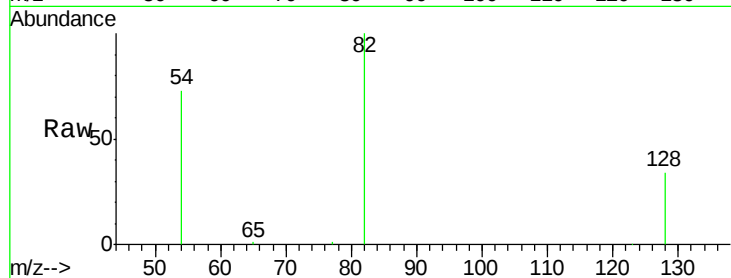
Tot Ion: 82 Resp: 22404

Ion Ratio Lower Upper

82 100

128 33.8 33.5 50.3

54 72.8 45.1 67.7#



#8

Nitrobenzene

Concen: 8.92 ng

RT: 8.62 min Scan# 399

Delta R.T. -0.01 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

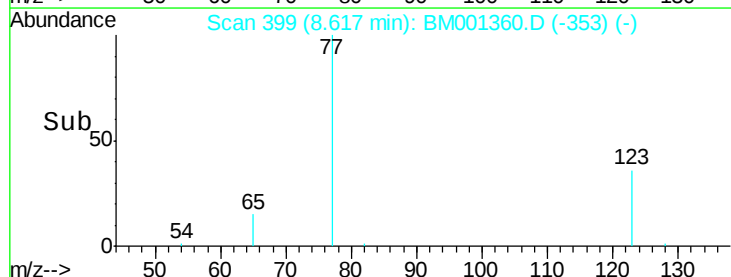
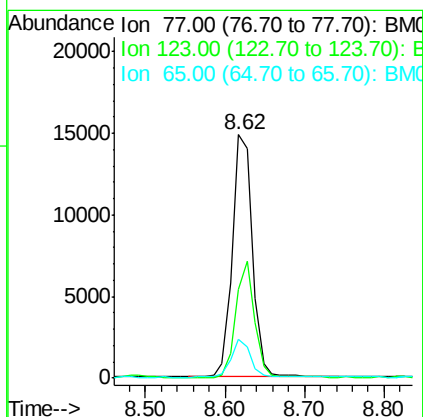
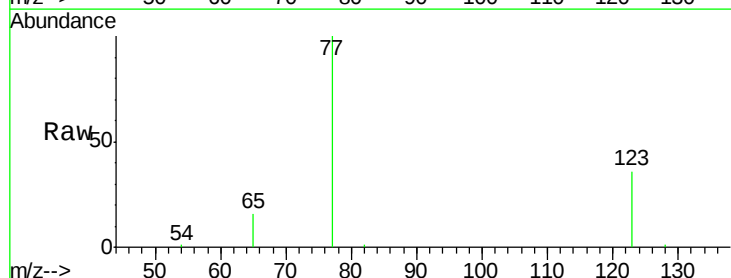
Tgt Ion: 77 Resp: 26011

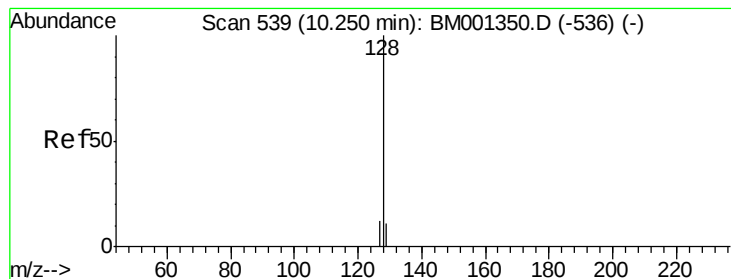
Ion Ratio Lower Upper

77 100

123 44.1 33.6 50.4

65 14.7 11.3 16.9





#9

Naphthalene

Concen: 8.60 ng

RT: 10.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

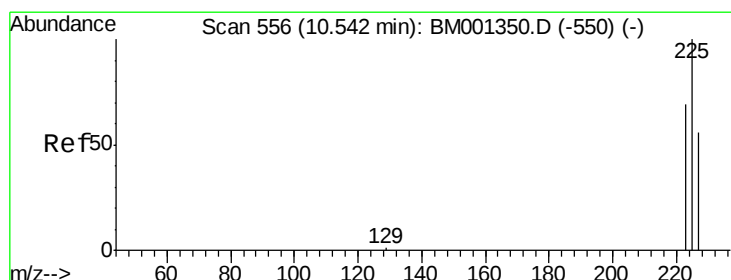
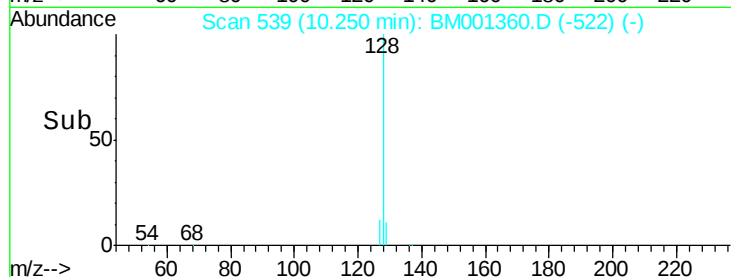
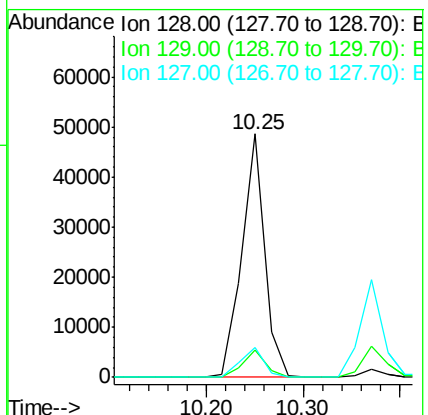
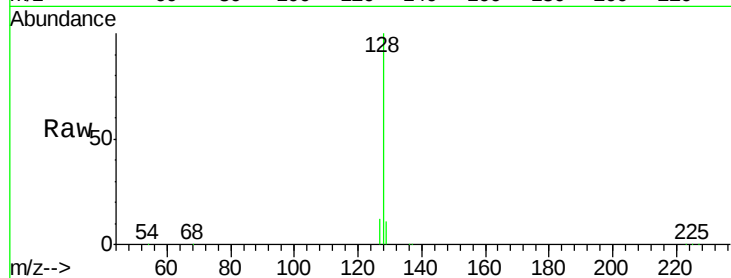
Tot Ion:128 Resp: 79232

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

127 12.2 10.4 15.6



#10

Hexachlorobutadiene

Concen: 8.11 ng

RT: 10.54 min Scan# 556

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

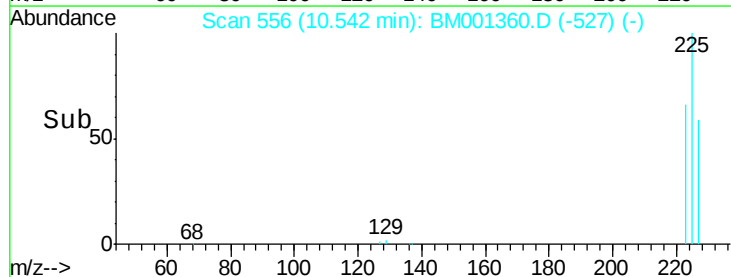
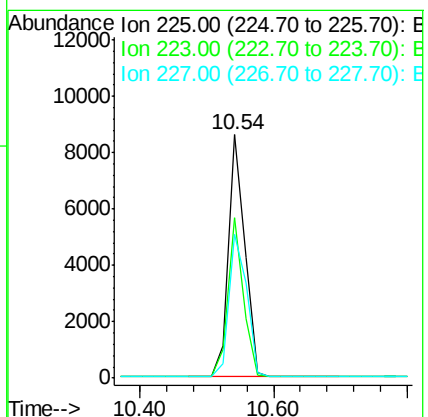
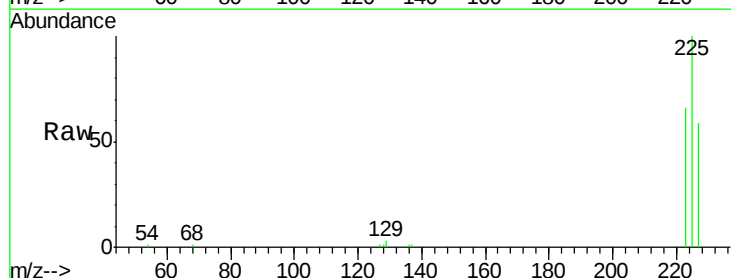
Tgt Ion:225 Resp: 14461

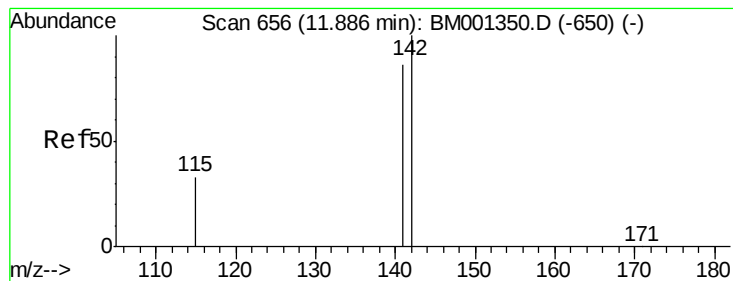
Ion Ratio Lower Upper

225 100

223 62.4 50.3 75.5

227 63.9 50.6 75.8





#11

2-Methylnaphthalene

Concen: 9.48 ng

RT: 11.89 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

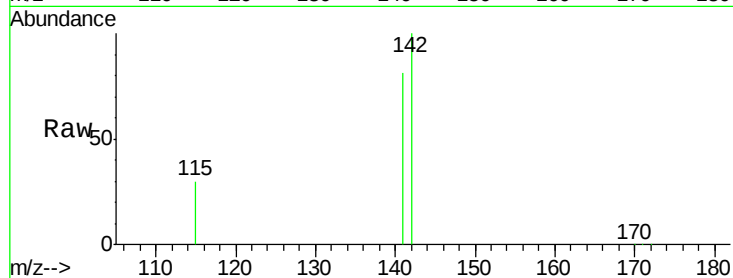
Tot Ion:142 Resp: 62029

Ion Ratio Lower Upper

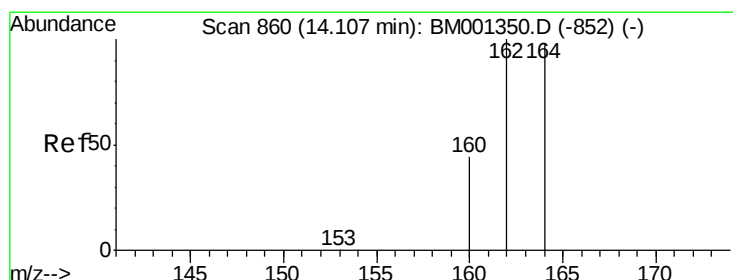
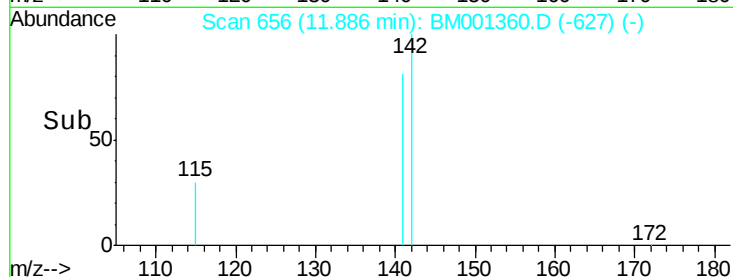
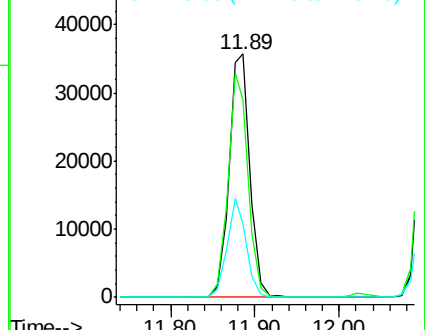
142 100

141 80.9 69.0 103.4

115 30.1 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: BM001360.D

Acq: 21 May 2015 14:33

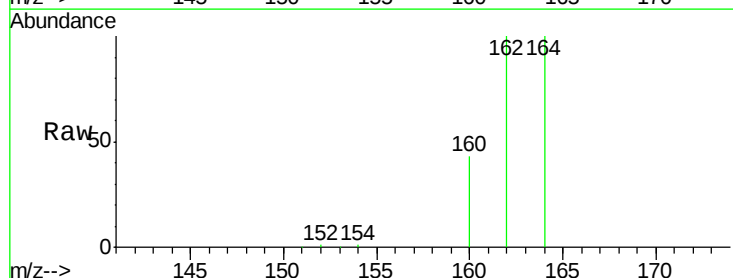
Tgt Ion:164 Resp: 26061

Ion Ratio Lower Upper

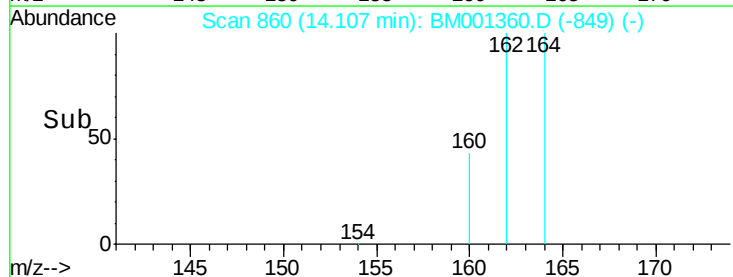
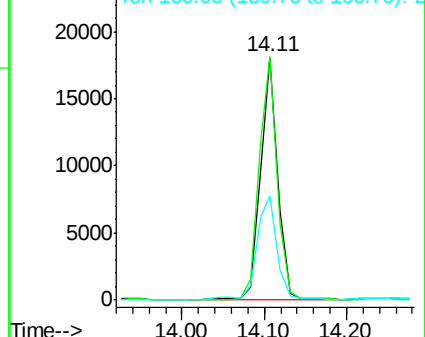
164 100

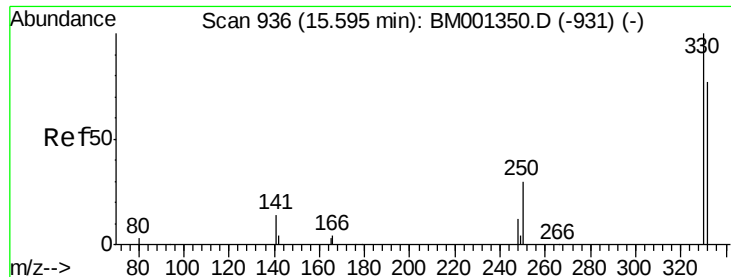
162 100.3 81.8 122.8

160 43.1 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

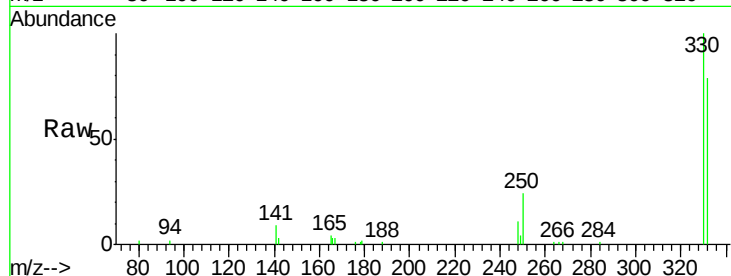




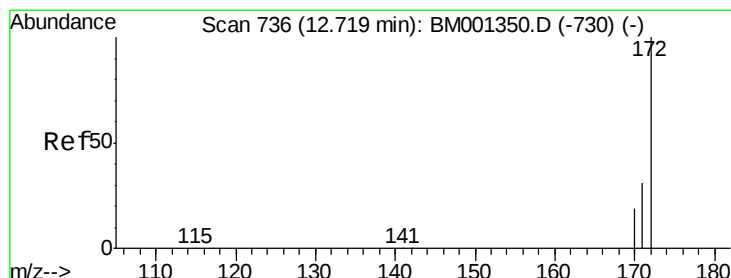
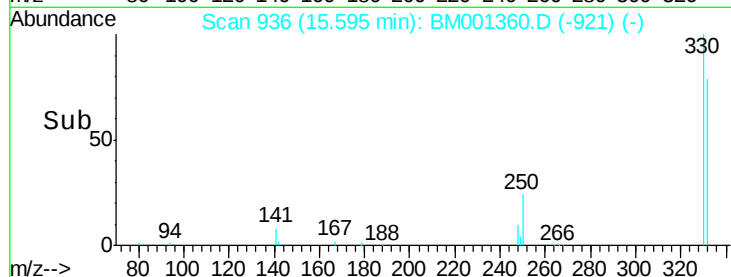
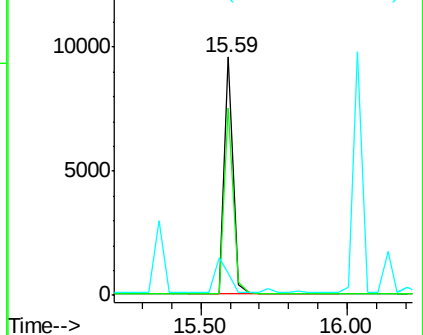
#13
 2,4,6-Tribromophenol
 Concen: 18.88 ng
 RT: 15.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001360.D
 Acq: 21 May 2015 14:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 20546
 Ion Ratio Lower Upper
 330 100
 332 81.1 65.4 98.2
 141 0.0 20.2 30.4#

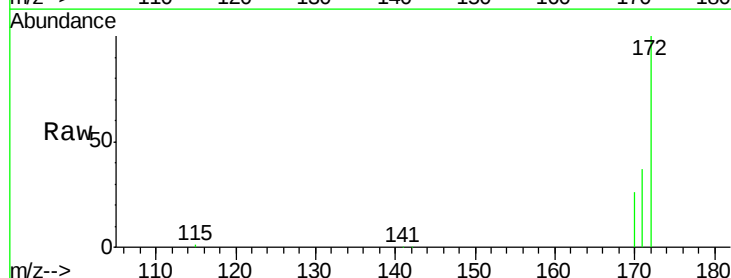


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

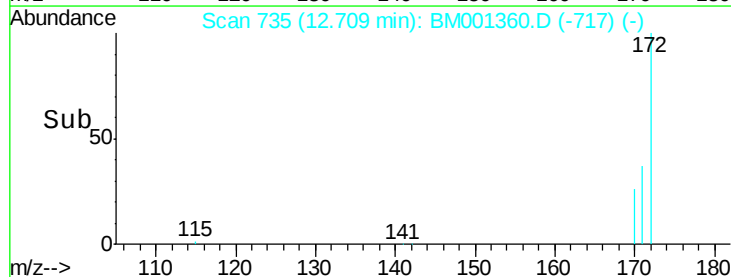
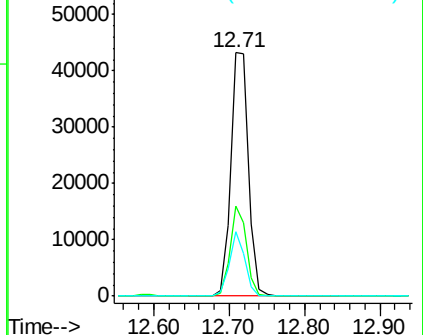


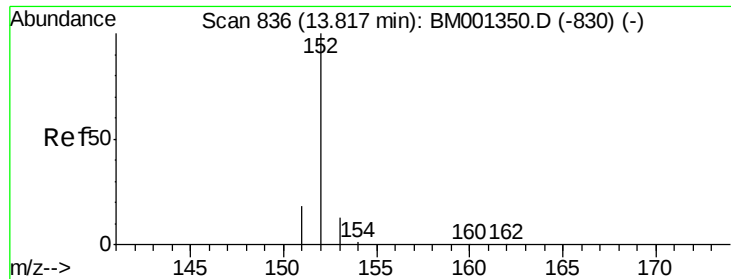
#14
 2-Fluorobiphenyl
 Concen: 9.17 ng
 RT: 12.71 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BM001360.D
 Acq: 21 May 2015 14:33

Tgt Ion:172 Resp: 71314
 Ion Ratio Lower Upper
 172 100
 171 37.2 25.4 38.2
 170 26.2 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: 10.79 ng

RT: 13.82 min Scan# 836

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

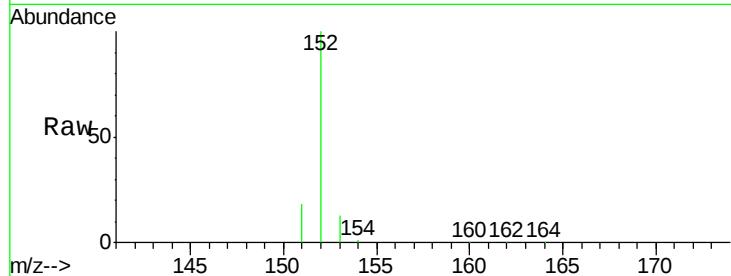
Tot Ion:152 Resp: 118345

Ion Ratio Lower Upper

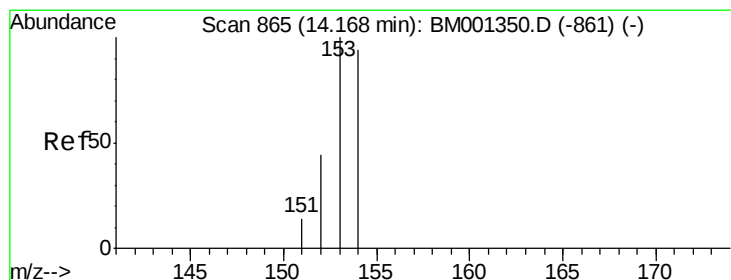
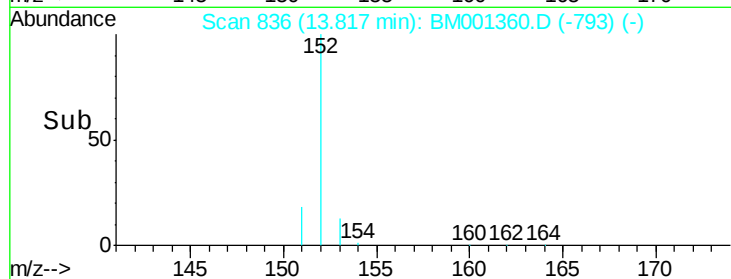
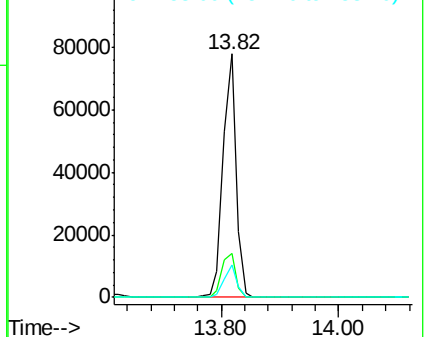
152 100

151 19.1 15.3 22.9

153 12.9 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: 10.00 ng

RT: 14.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

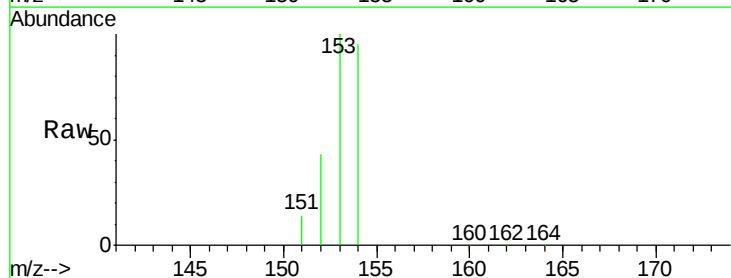
Tgt Ion:154 Resp: 68851

Ion Ratio Lower Upper

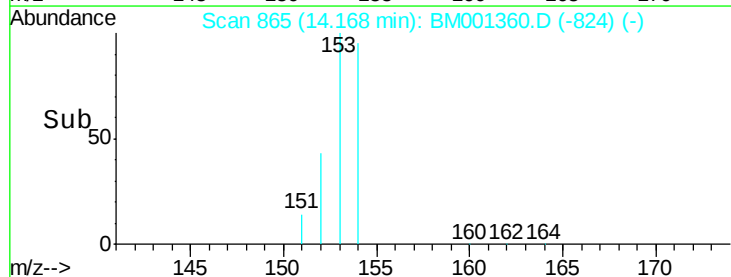
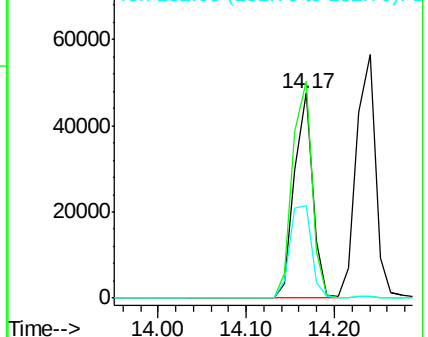
154 100

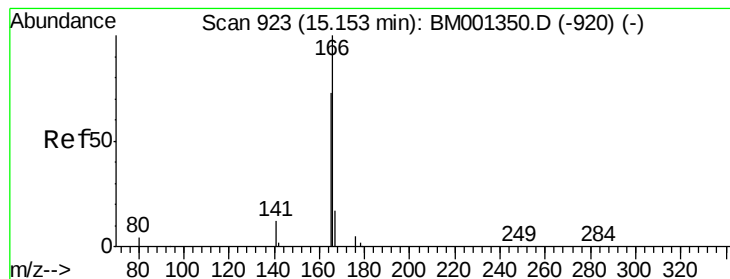
153 111.7 90.6 135.8

152 52.5 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: 8.94 ng

RT: 15.15 min Scan# 923

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

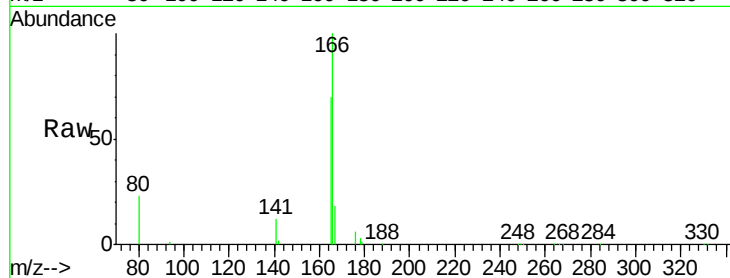
Tot Ion:166 Resp: 49244

Ion Ratio Lower Upper

166 100

165 93.0 72.5 108.7

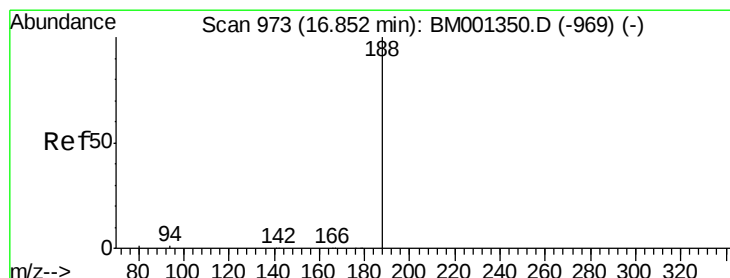
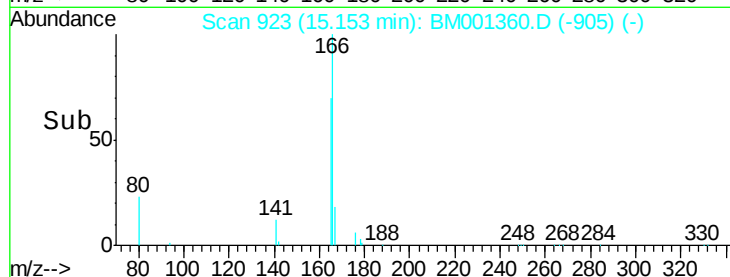
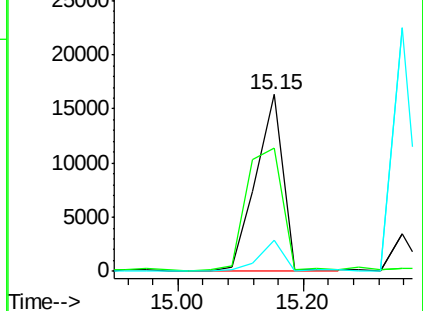
167 15.0 16.0 24.0#



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 973

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

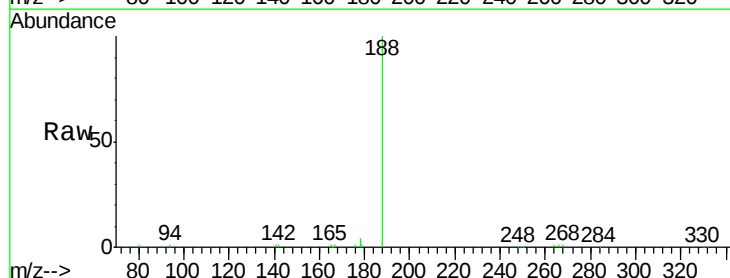
Tgt Ion:188 Resp: 49632

Ion Ratio Lower Upper

188 100

94 1.1 0.6 1.0#

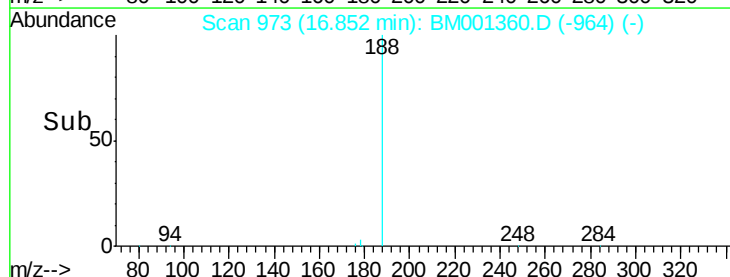
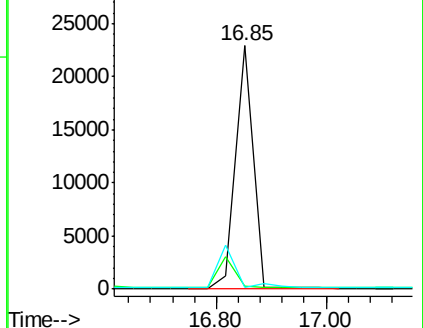
80 0.9 0.6 0.8#

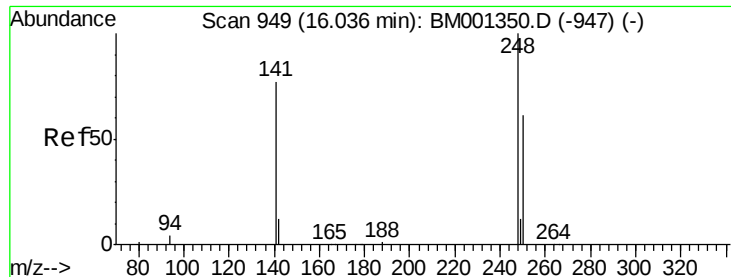


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

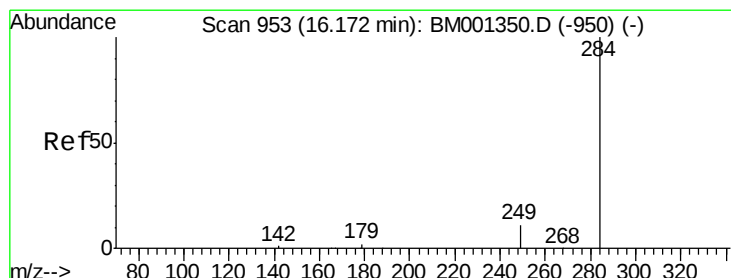
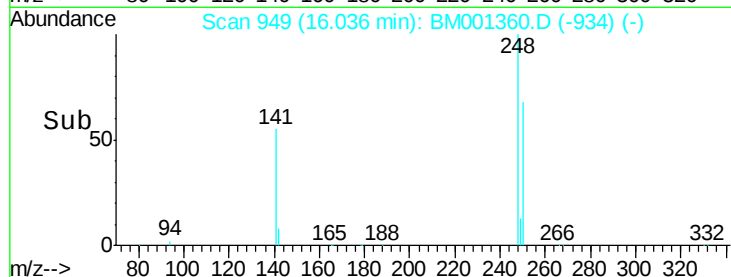
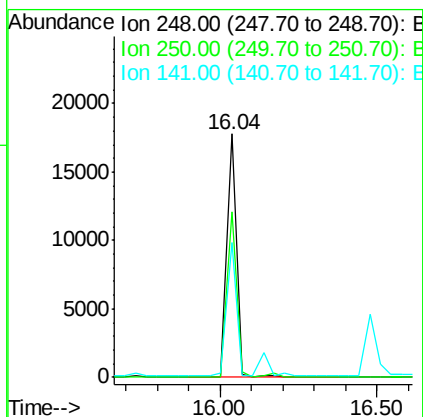
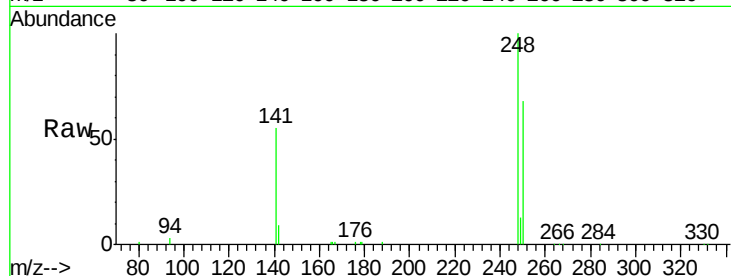




#19
4-Bromophenyl-phenylether
Concen: 13.81 ng
RT: 16.04 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001360.D
Acq: 21 May 2015 14:33

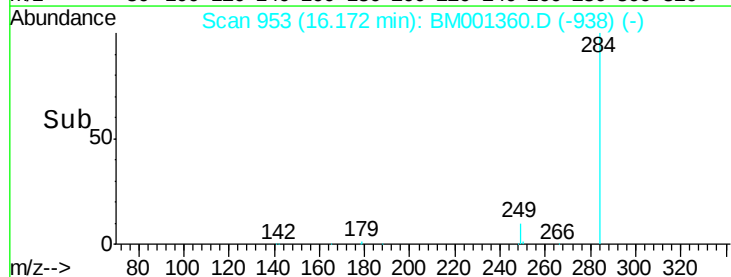
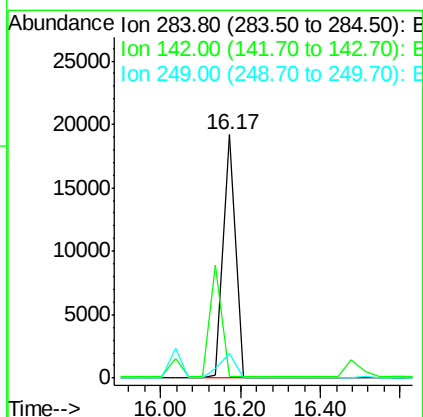
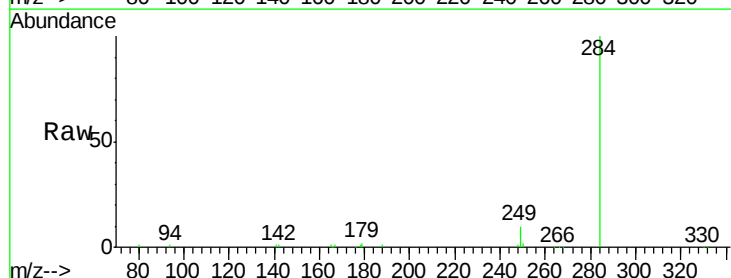
Instrument :
BNA_M
ClientSampleId :

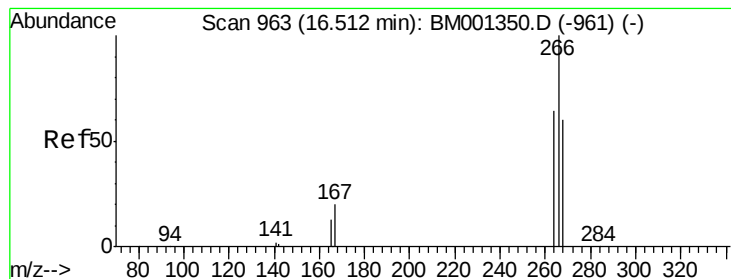
Tot Ion:248 Resp: 36840
Ion Ratio Lower Upper
248 100
250 69.3 51.5 77.3
141 54.8 59.0 88.6#



#20
Hexachlorobenzene
Concen: 10.76 ng
RT: 16.17 min Scan# 953
Delta R.T. -0.00 min
Lab File: BM001360.D
Acq: 21 May 2015 14:33

Tgt Ion:284 Resp: 39425
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 13.7 11.1 16.7





#21

Pentachlorophenol

Concen: 170.05 ng

RT: 16.51 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

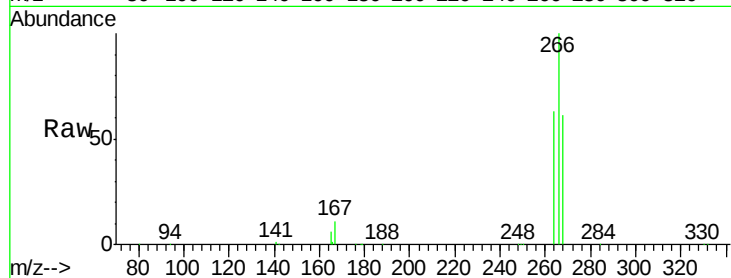
Tot Ion:266 Resp: 367084

Ion Ratio Lower Upper

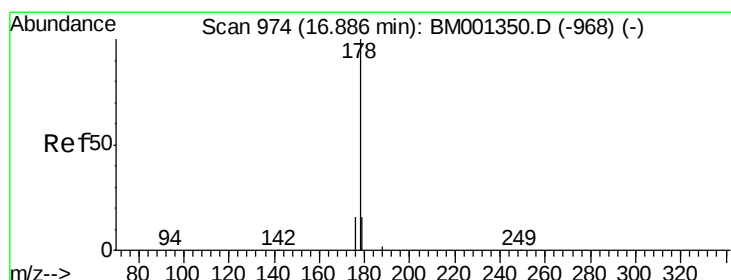
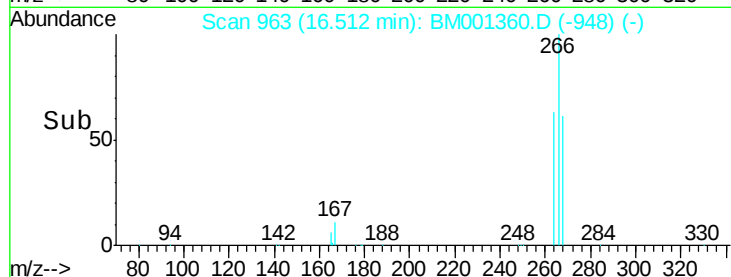
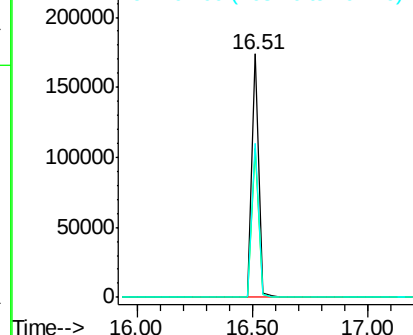
266 100

268 61.2 51.2 76.8

264 63.0 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: 15.53 ng

RT: 16.89 min Scan# 974

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

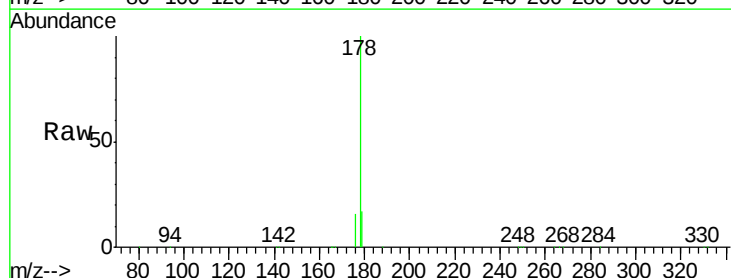
Tgt Ion:178 Resp: 271030

Ion Ratio Lower Upper

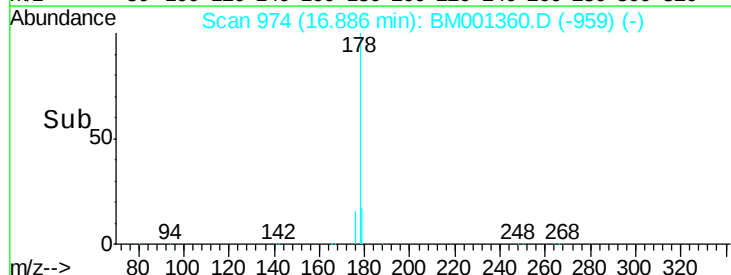
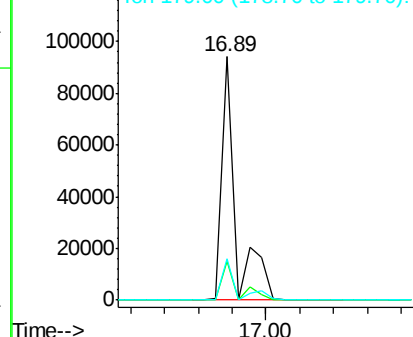
178 100

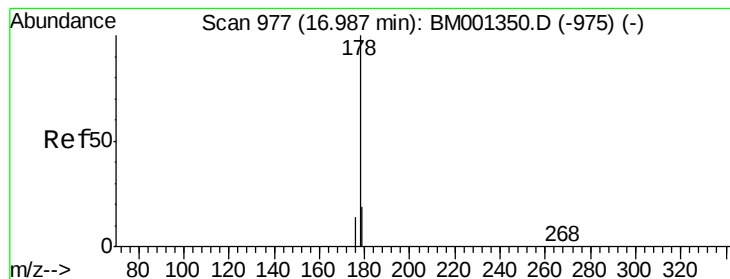
176 17.2 16.6 25.0

179 13.9 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: 40.13 ng

RT: 16.89 min Scan# 974

Delta R.T. -0.10 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

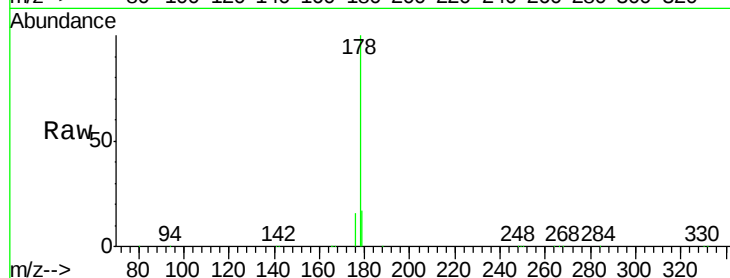
Tot Ion:178 Resp: 271030

Ion Ratio Lower Upper

178 100

176 17.2 46.1 69.1#

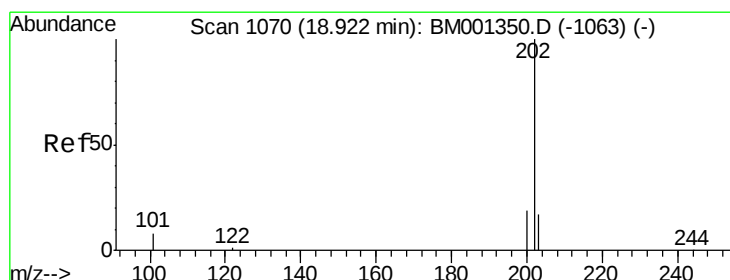
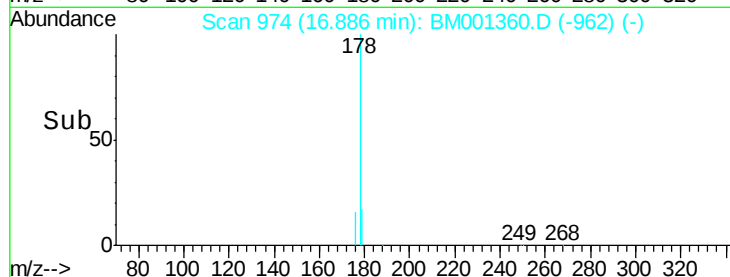
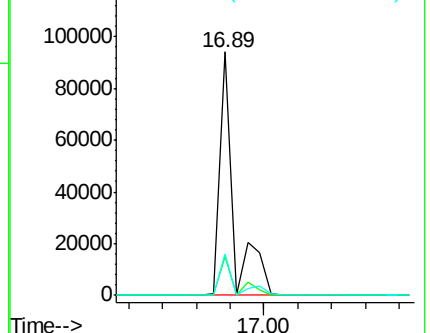
179 13.9 35.4 53.0#



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: 13.19 ng

RT: 18.92 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

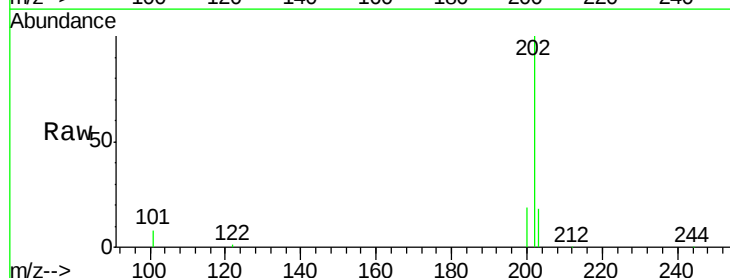
Tgt Ion:202 Resp: 197177

Ion Ratio Lower Upper

202 100

101 11.3 8.7 13.1

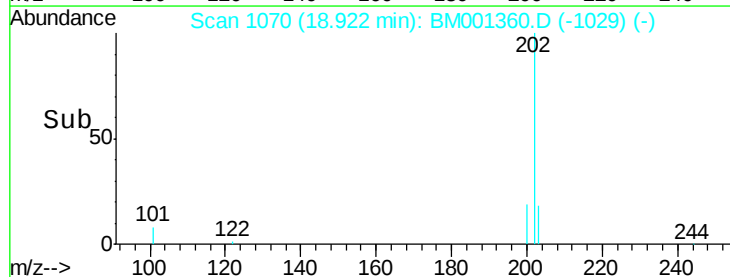
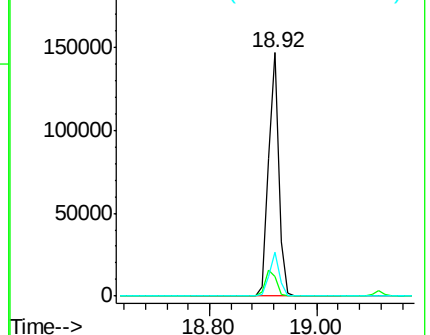
203 17.0 13.8 20.6

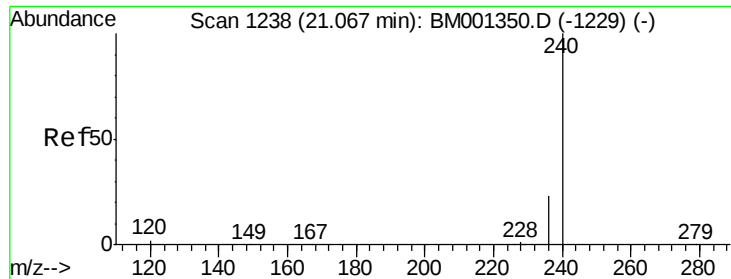


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

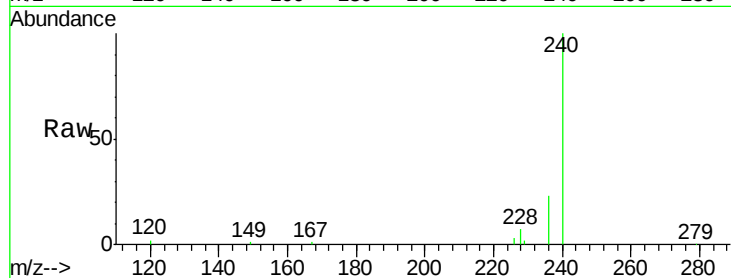




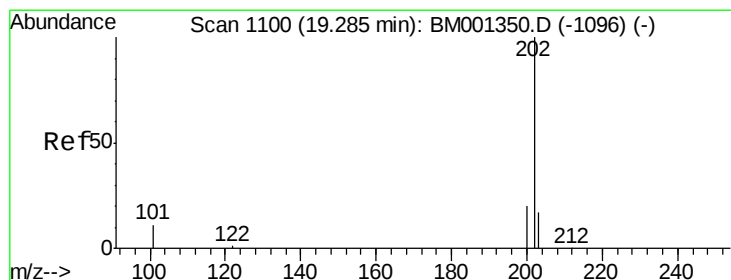
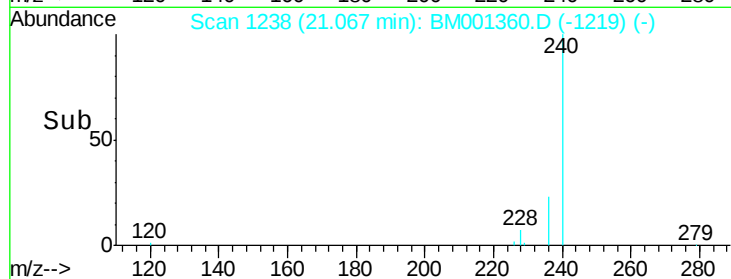
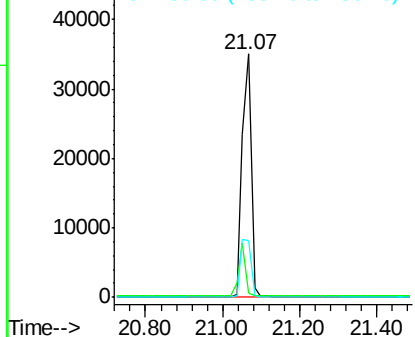
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BM001360.D
Acq: 21 May 2015 14:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:240 Resp: 56315
Ion Ratio Lower Upper
240 100
120 2.0 1.6 2.4
236 23.1 18.5 27.7

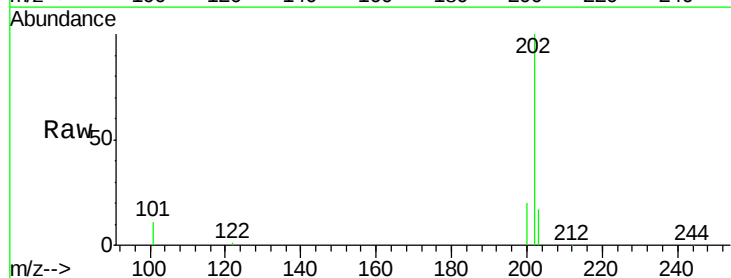


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

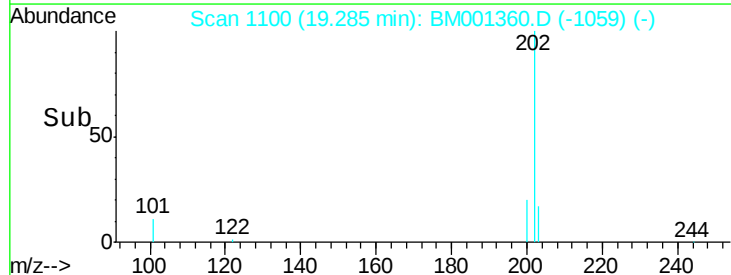
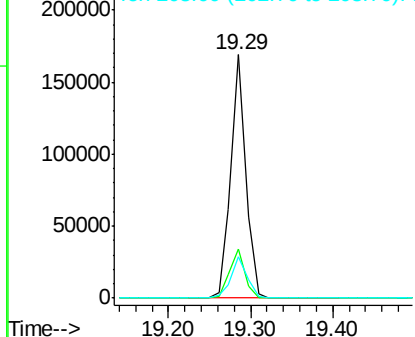


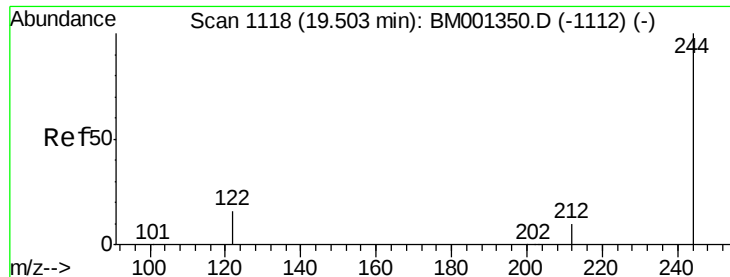
#26
Pyrene
Concen: 12.42 ng
RT: 19.29 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BM001360.D
Acq: 21 May 2015 14:33

Tgt Ion:202 Resp: 213825
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 18.2 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: 11.15 ng

RT: 19.50 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

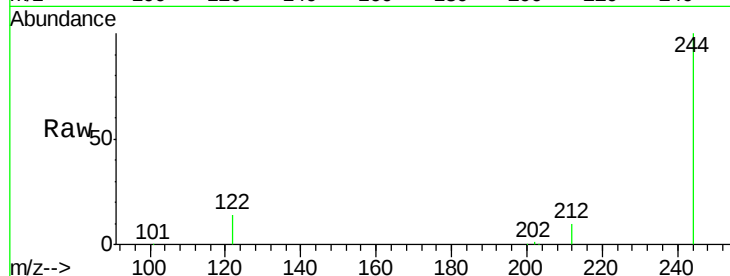
Tot Ion:244 Resp: 82586

Ion Ratio Lower Upper

244 100

212 10.0 8.5 12.7

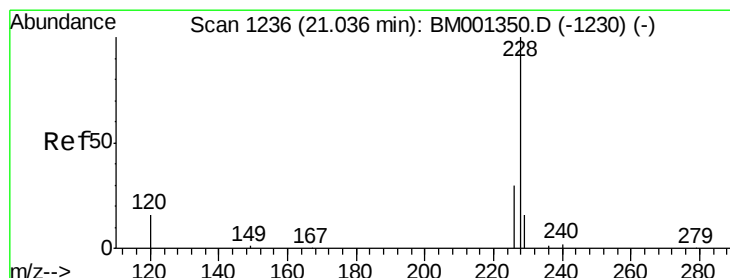
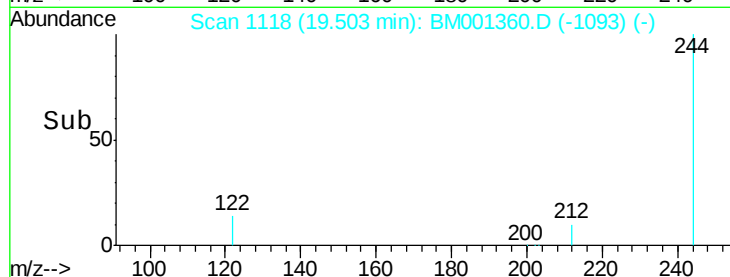
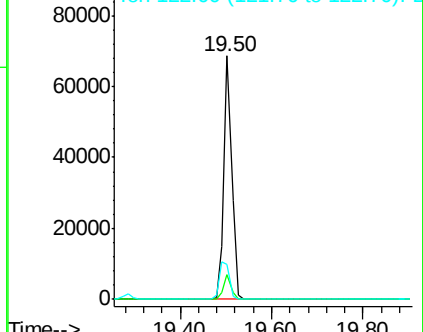
122 14.3 13.4 20.2



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: 11.48 ng

RT: 21.04 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

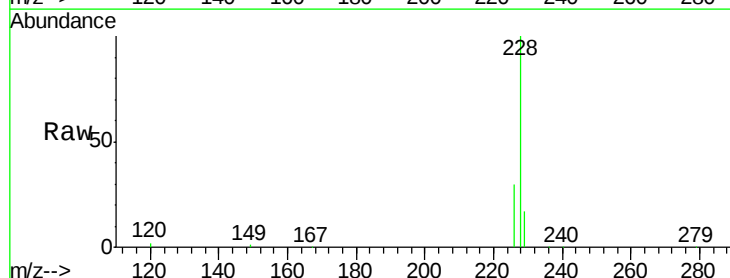
Tgt Ion:228 Resp: 184886

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

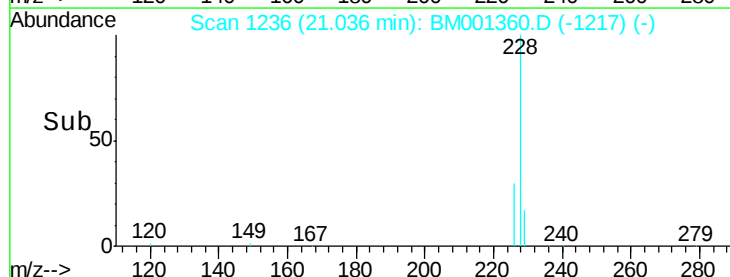
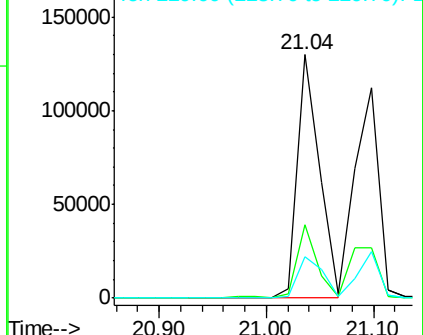
229 16.8 13.3 19.9

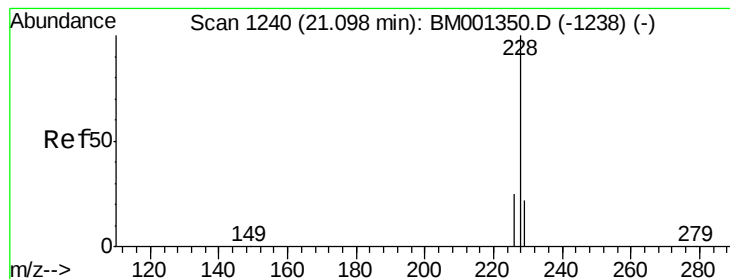


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 11.30 ng

RT: 21.10 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

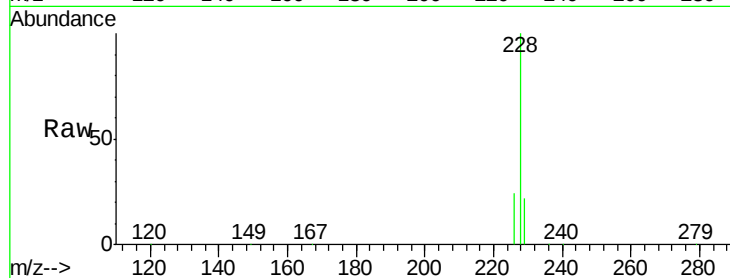
Tot Ion:228 Resp: 174353

Ion Ratio Lower Upper

228 100

226 23.9 20.0 30.0

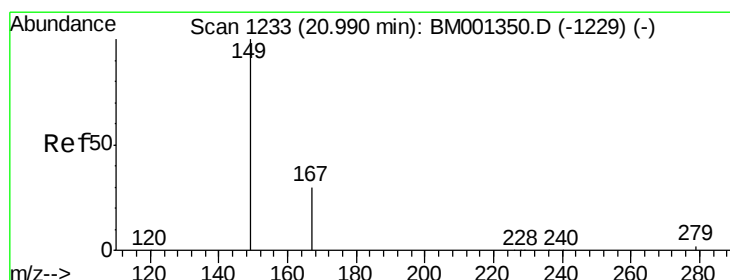
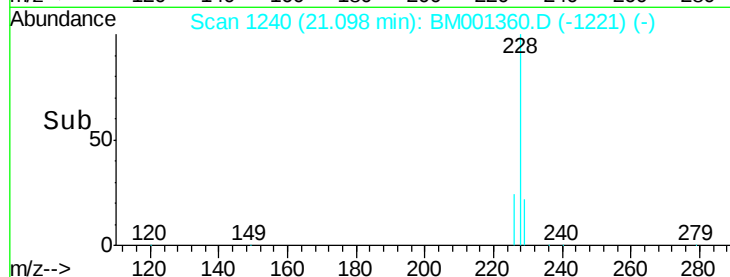
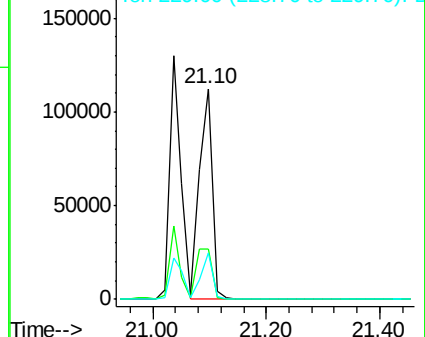
229 22.3 17.6 26.4



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: 16.28 ng

RT: 20.99 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

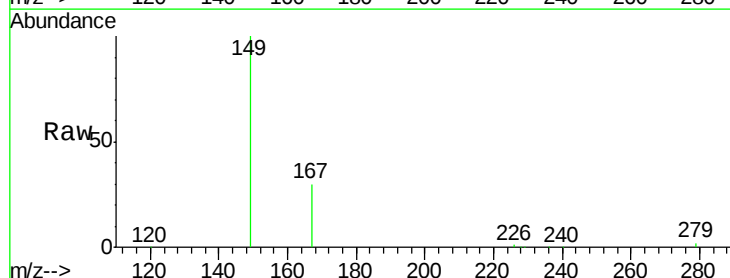
Tgt Ion:149 Resp: 167506

Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

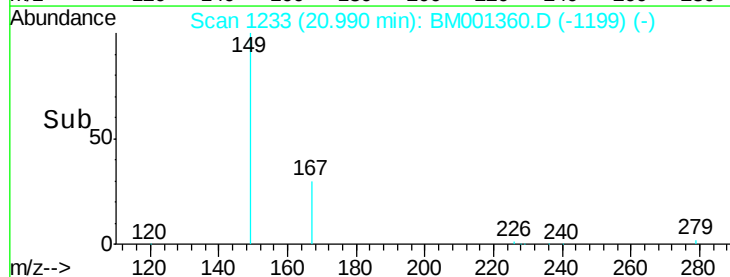
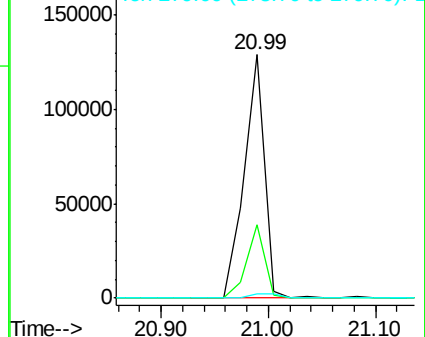
279 2.4 1.9 2.9

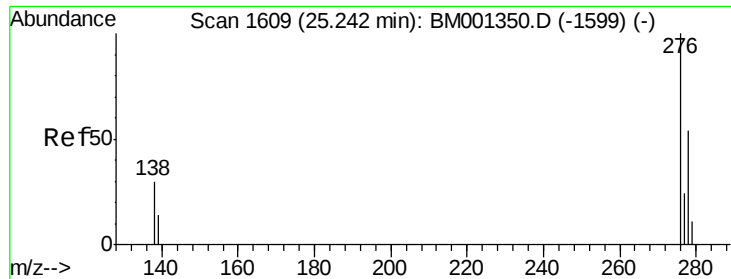


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

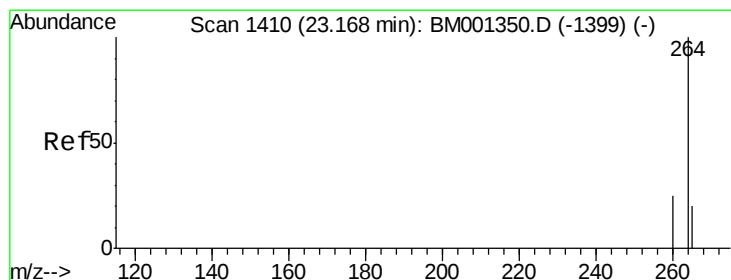
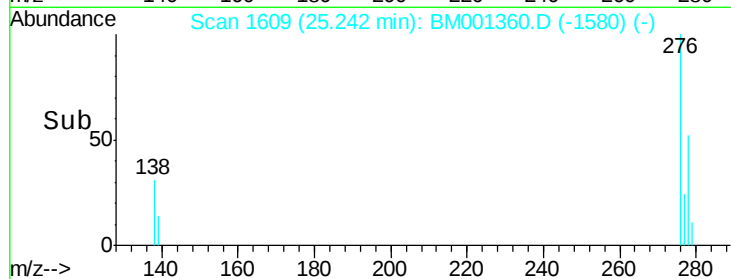
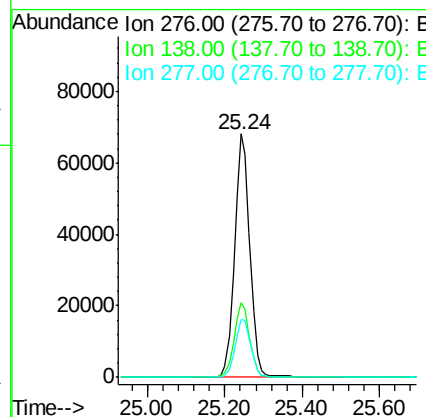
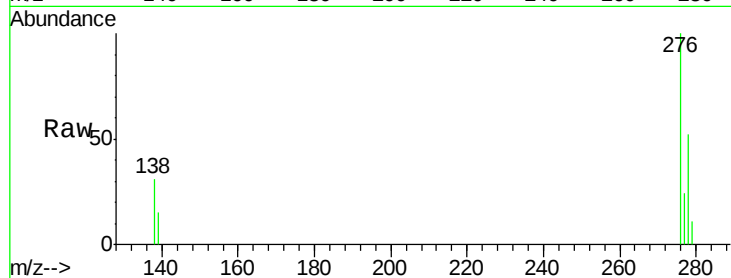




#31
Indeno(1,2,3-cd)pyrene
Concen: 11.17 ng
RT: 25.24 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BM001360.D
Acq: 21 May 2015 14:33

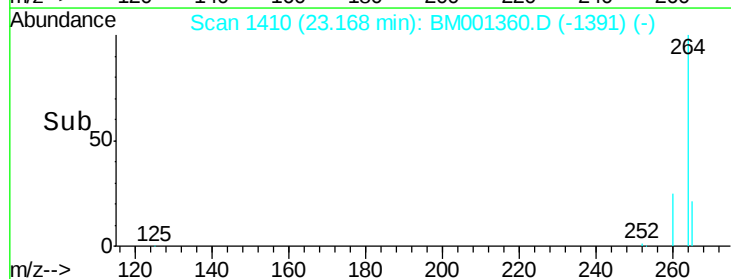
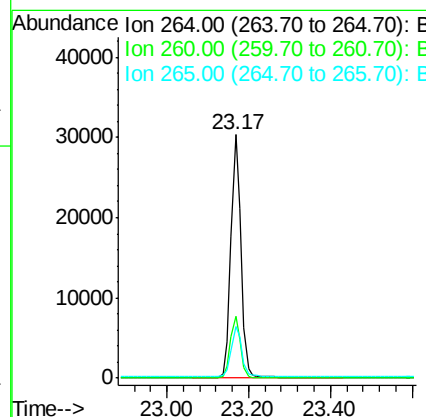
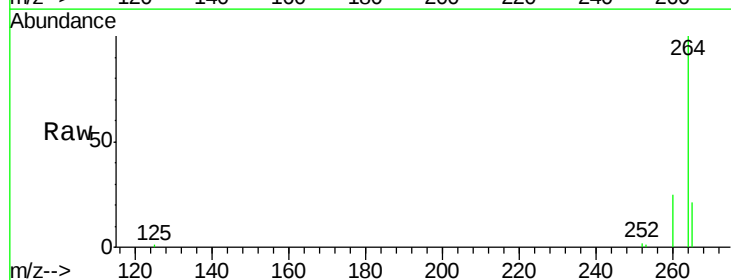
Instrument :
BNA_M
ClientSampleId :

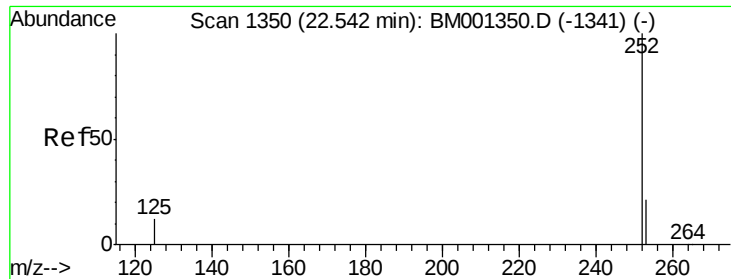
Tot Ion:276 Resp: 185517
Ion Ratio Lower Upper
276 100
138 31.2 24.2 36.4
277 24.6 19.7 29.5



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.17 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BM001360.D
Acq: 21 May 2015 14:33

Tgt Ion:264 Resp: 51670
Ion Ratio Lower Upper
264 100
260 25.4 20.4 30.6
265 21.3 16.6 24.8





#33

Benzo(b)fluoranthene

Concen: 11.64 ng

RT: 22.54 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

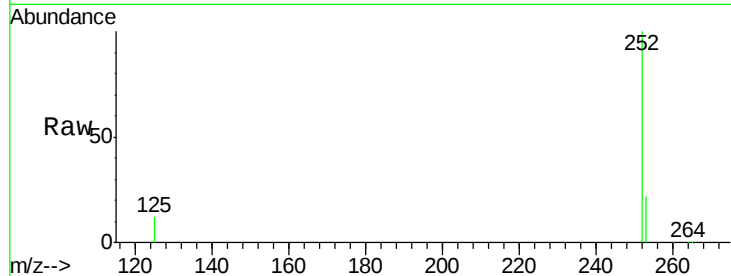
Tot Ion:252 Resp: 185328

Ion Ratio Lower Upper

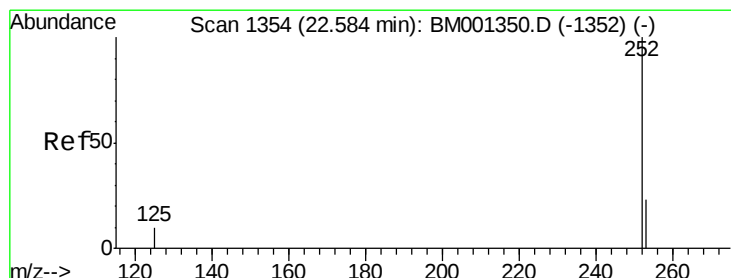
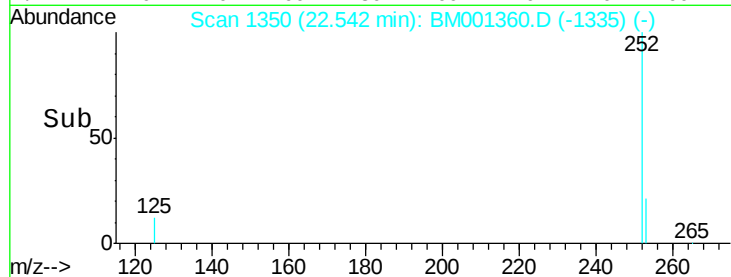
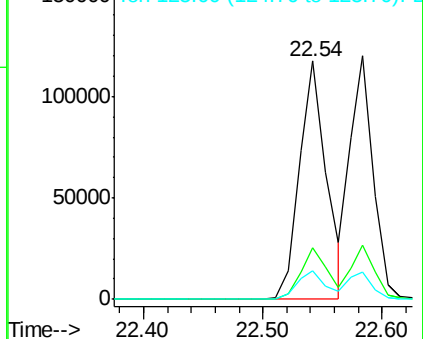
252 100

253 21.7 17.9 26.9

125 11.7 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: 11.71 ng

RT: 22.58 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

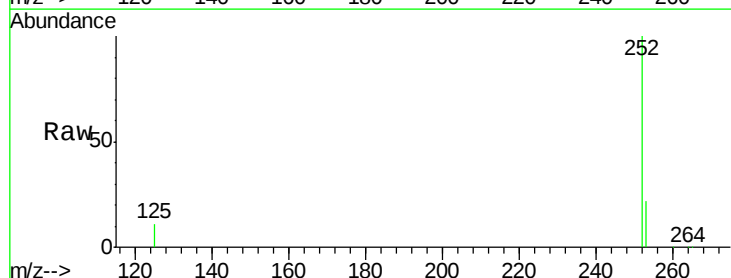
Tgt Ion:252 Resp: 164169

Ion Ratio Lower Upper

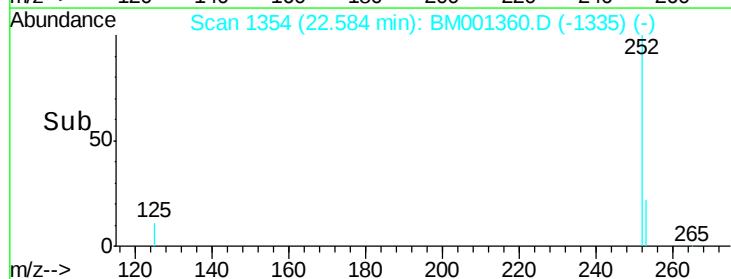
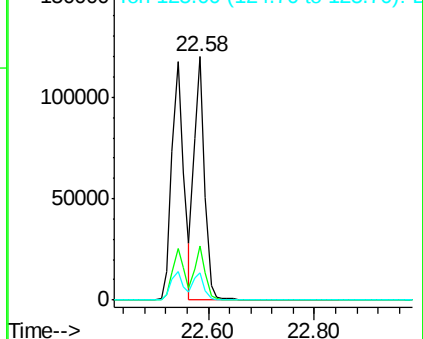
252 100

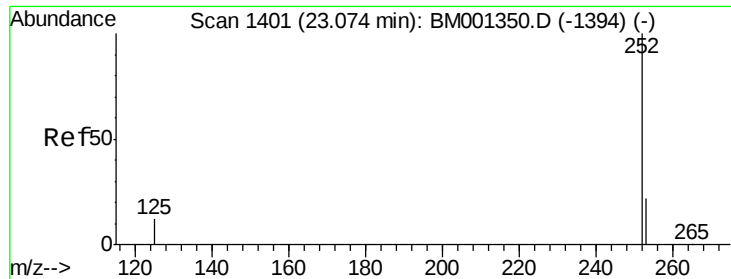
253 22.2 18.6 28.0

125 11.3 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: 12.39 ng

RT: 23.07 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :

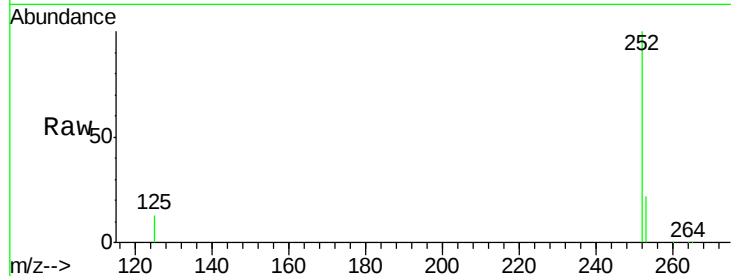
Tot Ion:252 Resp: 167861

Ion Ratio Lower Upper

252 100

253 21.7 18.9 28.3

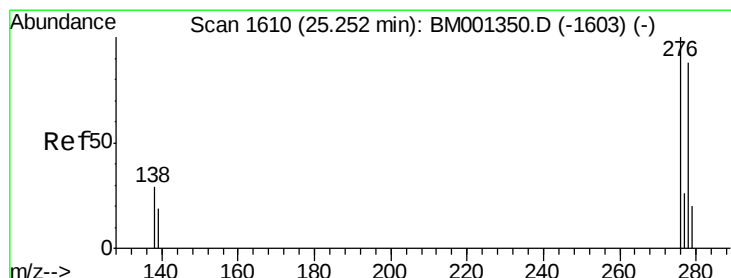
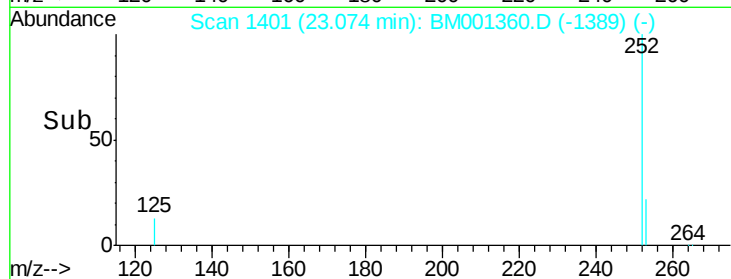
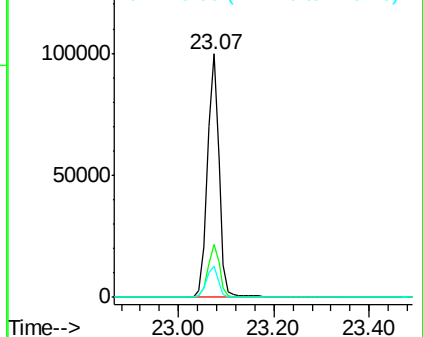
125 12.9 10.6 15.8



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: 11.93 ng

RT: 25.26 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BM001360.D

Acq: 21 May 2015 14:33

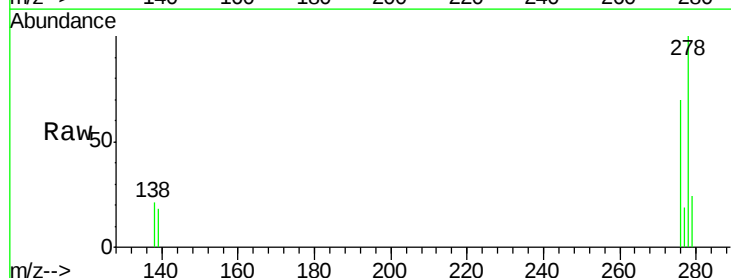
Tgt Ion:278 Resp: 148433

Ion Ratio Lower Upper

278 100

139 18.0 17.5 26.3

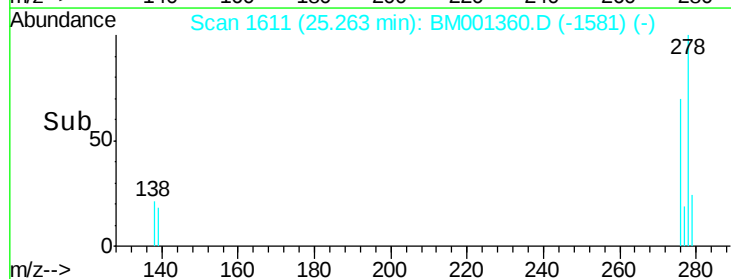
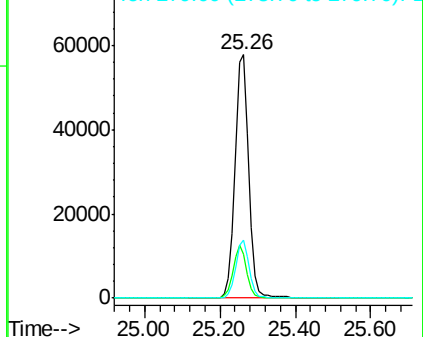
279 23.9 18.7 28.1

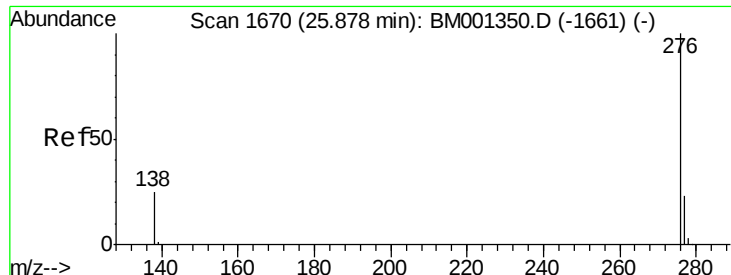


Abundance Ion 278.00 (277.70 to 278.70): E

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: 11.50 ng

RT: 25.88 min Scan# 1670

Delta R.T. -0.00 min

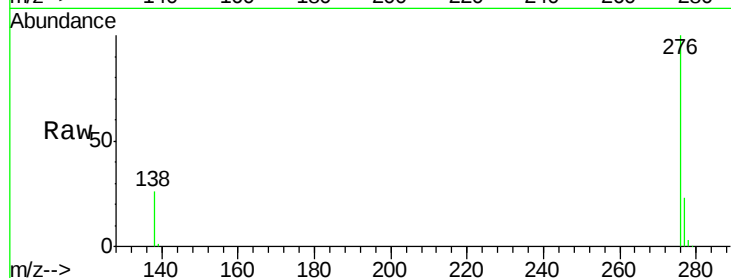
Lab File: BM001360.D

Acq: 21 May 2015 14:33

Instrument :

BNA_M

ClientSampleId :



Tot Ion: 276 Resp: 153708

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 26.2 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

