

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
 Data File : BM001317.D
 Acq On : 15 May 2015 06:17
 Operator : TP/IZ
 Sample : G2228-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 051215-P3-EU-M

Quant Time: May 15 07:26:54 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 05:24:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	13904	5.00	ng	-0.02
6) Naphthalene-d8	10.22	136	48353	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	25537	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	73754	5.00	ng	0.00
24) Chrysene-d12	21.07	240	46444	5.00	ng	-0.01
30) Perylene-d12	23.18	264	44869	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	10549	3.89	ng	-0.02
5) Phenol-d6	6.63	99	7635	2.50	ng	0.00
7) Nitrobenzene-d5	8.60	82	16150	5.29	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	6786	7.76	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	52039	6.56	ng	0.00
26) Terphenyl-d14	19.51	244	49472	7.93	ng	-0.01

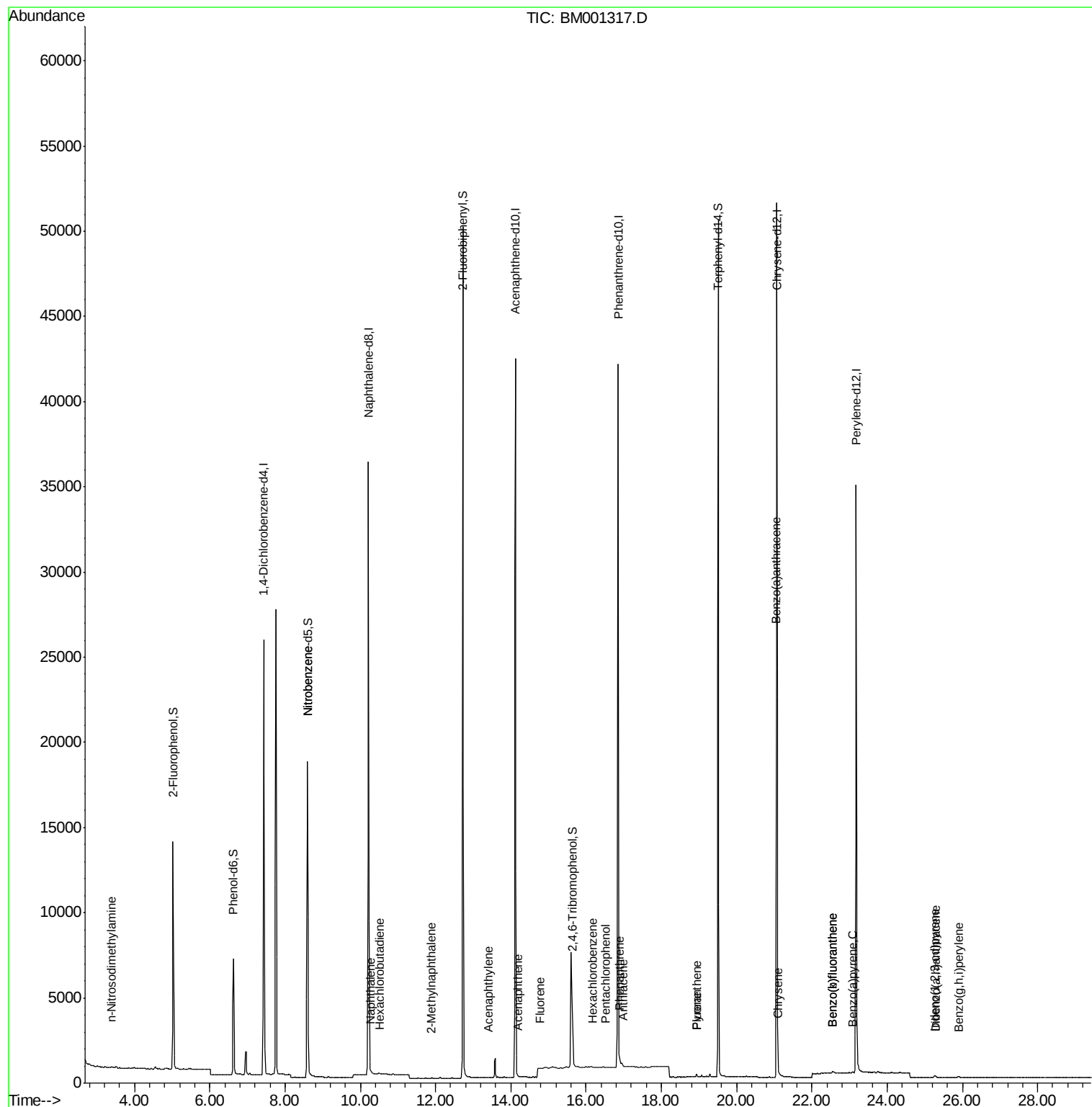
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.40	42	24	0.02	ng	# 2
8) Nitrobenzene	8.60	77	60	0.15	ng	# 21
9) Naphthalene	10.27	128	97	0.01	ng	# 1
10) Hexachlorobutadiene	10.52	225	12	0.01	ng	# 55
11) 2-Methylnaphthalene	11.90	142	27	0.00	ng	# 70
15) Acenaphthylene	13.42	152	171	0.02	ng	# 1
16) Acenaphthene	14.18	154	12	0.00	ng	# 44
17) Fluorene	14.77	166	389	0.06	ng	# 1
19) Hexachlorobenzene	16.18	284	7	0.00	ng	# 46
20) Pentachlorophenol	16.52	266	18	0.42	ng	# 71
21) Phenanthrene	16.88	178	174	0.02	ng	# 100
22) Anthracene	16.98	178	39	0.00	ng	# 57
23) Fluoranthene	18.93	202	187	0.01	ng	# 94
25) Pyrene	18.93	202	187	0.01	ng	# 95
27) Benzo(a)anthracene	21.06	228	259	0.02	ng	# 61
28) Chrysene	21.10	228	112	0.01	ng	# 43
29) Indeno(1,2,3-cd)pyrene	25.26	276	136	0.01	ng	# 85
31) Benzo(b)fluoranthene	22.55	252	153	0.01	ng	# 1
32) Benzo(k)fluoranthene	22.55	252	153	0.01	ng	# 1
33) Benzo(a)pyrene	23.08	252	92	0.01	ng	# 1
34) Dibenzo(a,h)anthracene	25.28	278	93	0.01	ng	# 1
35) Benzo(g,h,i)perylene	25.89	276	129	0.01	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
Data File : BM001317.D
Acq On : 15 May 2015 06:17
Operator : TP/IZ
Sample : G2228-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Quant Time: May 15 07:26:54 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 05:24:15 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.43 min Scan# 308

Delta R.T. -0.02 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

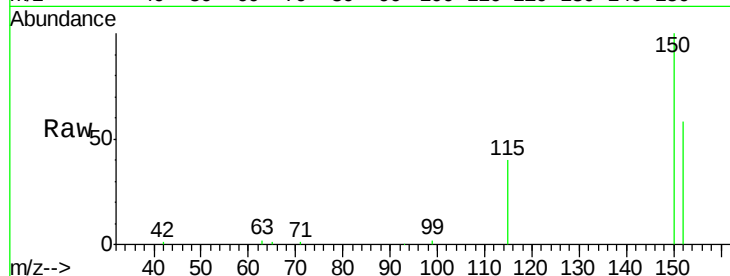
Tgt Ion:152 Resp: 13904

Ion Ratio Lower Upper

152 100

150 173.6 114.6 172.0#

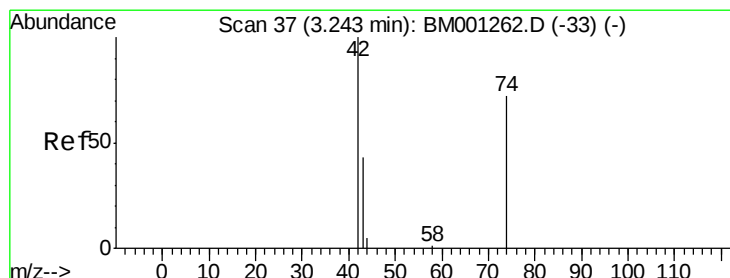
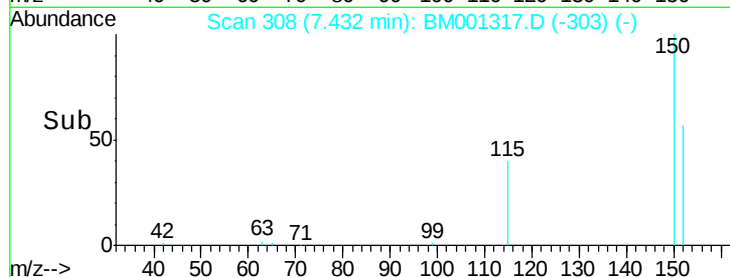
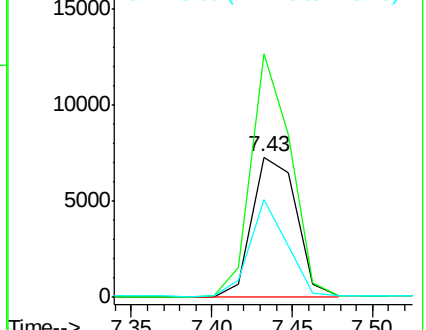
115 70.1 39.3 58.9#



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



#3

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.40 min Scan# 47

Delta R.T. 0.15 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

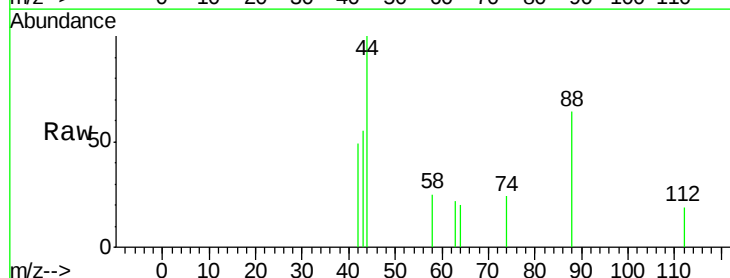
Tgt Ion: 42 Resp: 24

Ion Ratio Lower Upper

42 100

74 0.0 82.1 123.1#

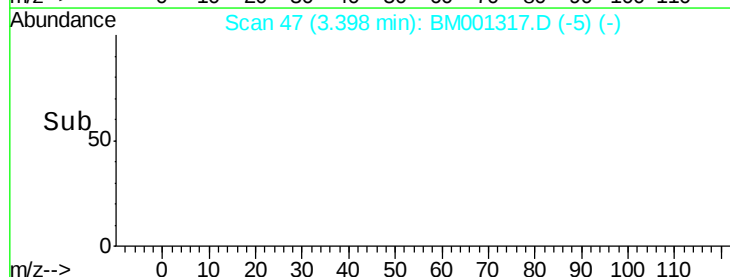
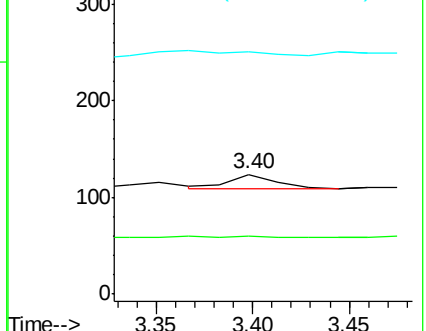
44 0.0 3.0 4.4#

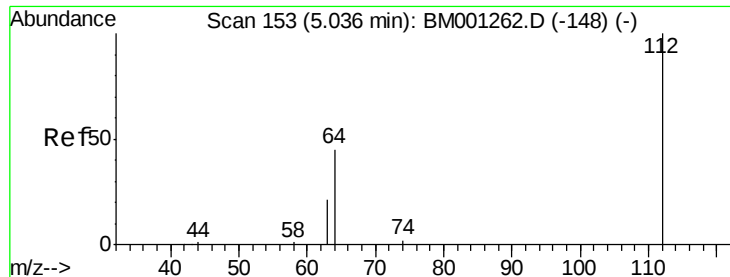


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 3.89 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.02 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

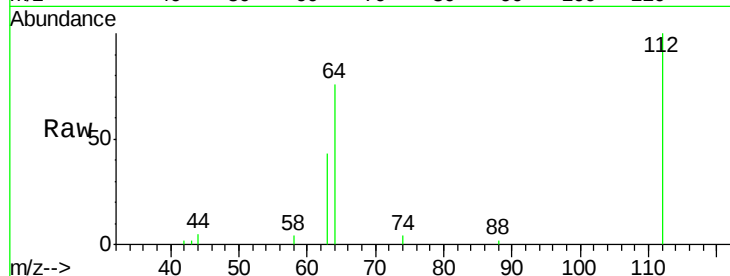
Tgt Ion: 112 Resp: 10549

Ion Ratio Lower Upper

112 100

64 63.9 50.8 76.2

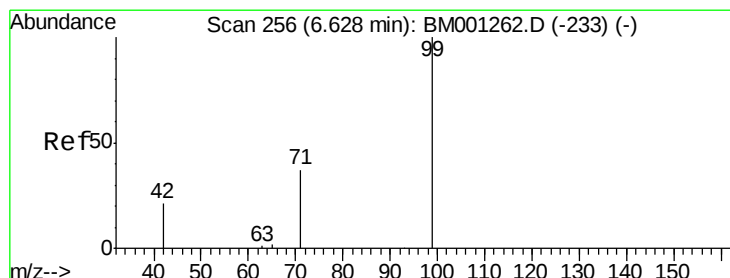
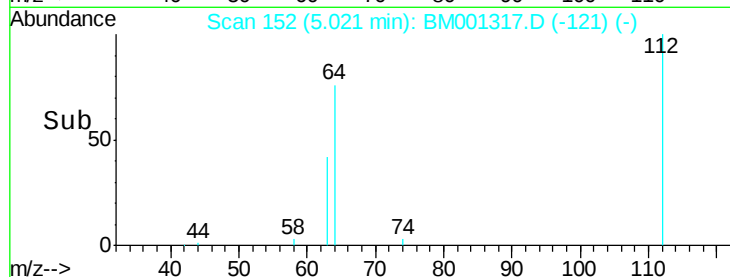
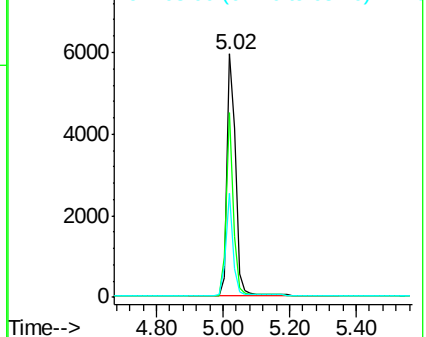
63 35.7 28.2 42.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 2.50 ng

RT: 6.63 min Scan# 256

Delta R.T. -0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

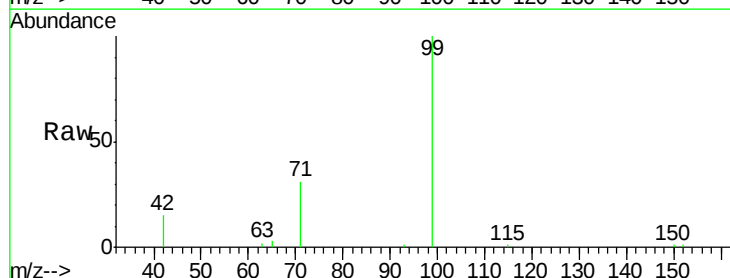
Tgt Ion: 99 Resp: 7635

Ion Ratio Lower Upper

99 100

42 24.4 19.9 29.9

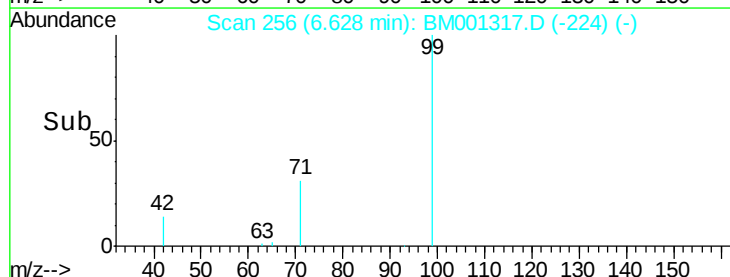
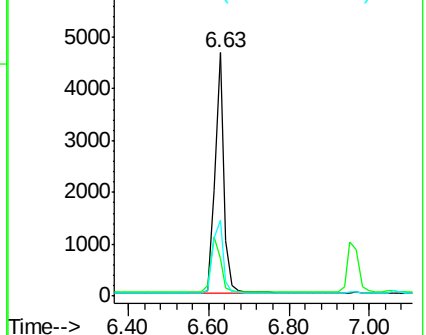
71 34.7 28.0 42.0

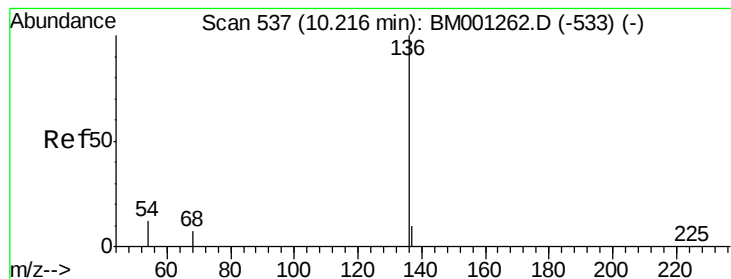


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

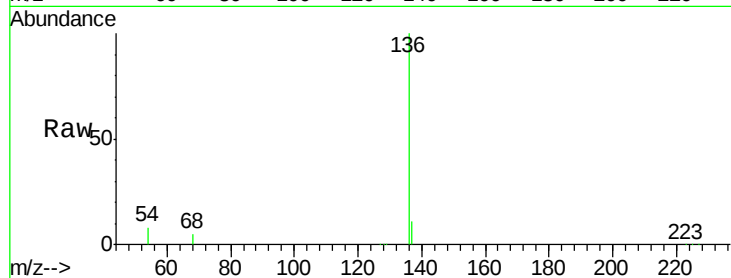
Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

Tgt Ion:136	Resp:	48353
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.2 12.4
54	8.0	9.5 14.3#
68	5.0	5.5 8.3#

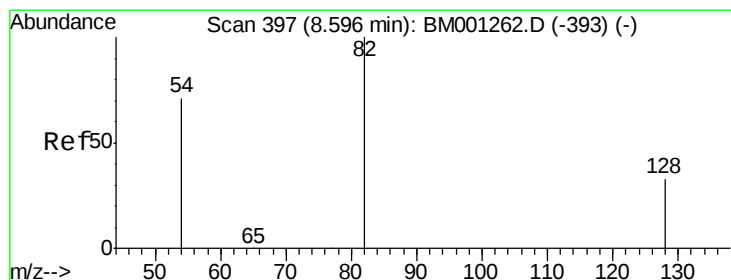
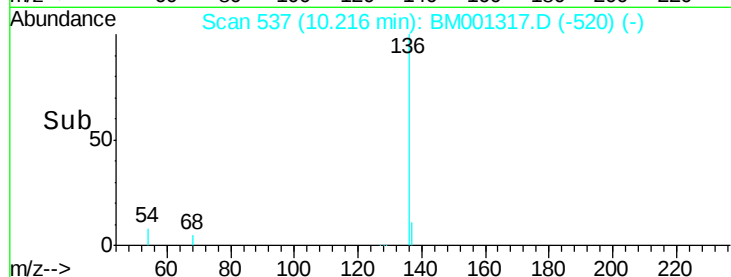
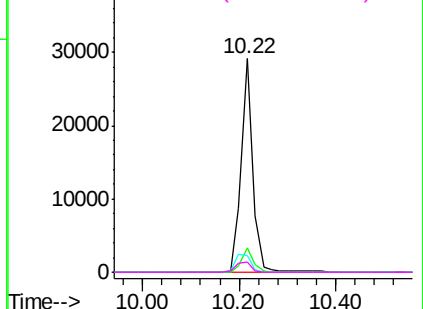


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#7

Nitrobenzene-d5

Concen: 5.29 ng

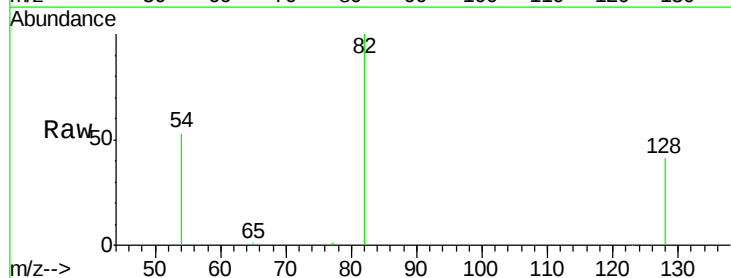
RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

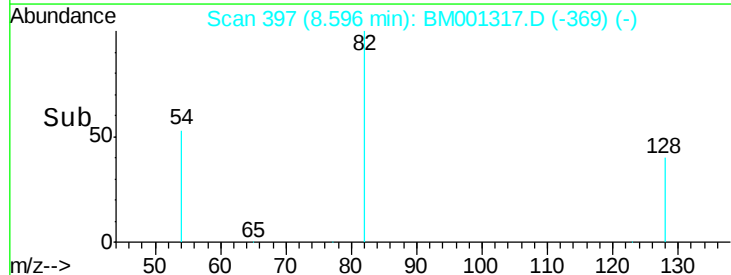
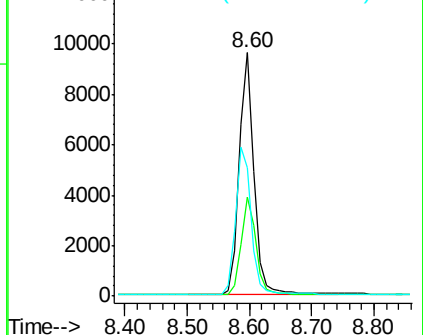
Tgt Ion: 82	Resp:	16150
Ion Ratio	Lower	Upper
82	100	
128	40.7	28.0 42.0
54	52.8	57.3 85.9#

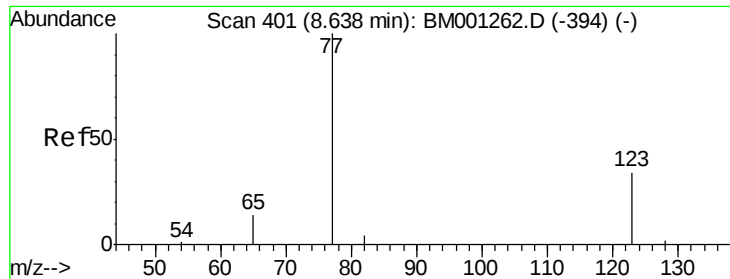


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.15 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.04 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

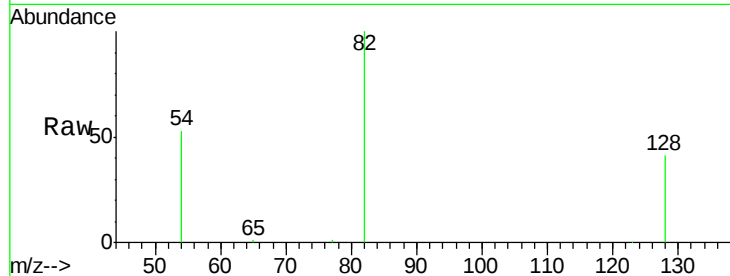
Tgt Ion: 77 Resp: 60

Ion Ratio Lower Upper

77 100

123 0.0 33.4 50.2#

65 61.7 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BM001262.D (-394) (-)

Ion 123.00 (122.70 to 123.70): BM001262.D (-394) (-)

Ion 65.00 (64.70 to 65.70): BM001262.D (-394) (-)

8.60

100

80

60

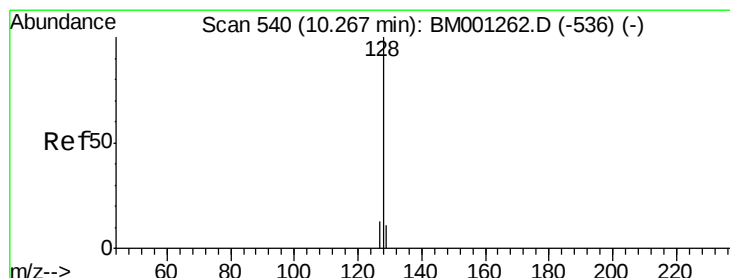
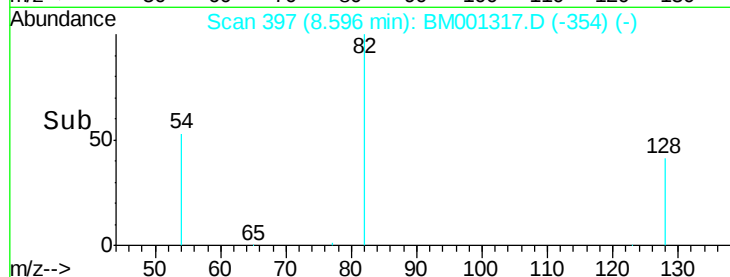
40

20

0

8.55 8.60 8.65

Time-->



#9

Naphthalene

Concen: 0.01 ng

RT: 10.27 min Scan# 540

Delta R.T. -0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

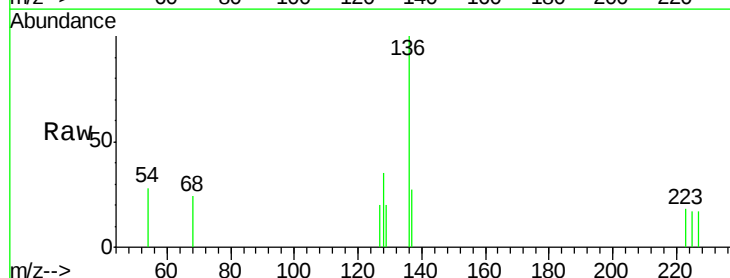
Tgt Ion: 128 Resp: 97

Ion Ratio Lower Upper

128 100

129 57.4 9.1 13.7#

127 56.4 10.6 16.0#



Abundance Ion 128.00 (127.70 to 128.70): BM001262.D (-536) (-)

Ion 129.00 (128.70 to 129.70): BM001262.D (-536) (-)

Ion 127.00 (126.70 to 127.70): BM001262.D (-536) (-)

10.27

100

80

60

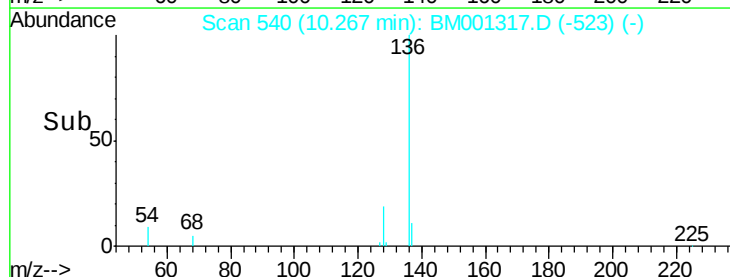
40

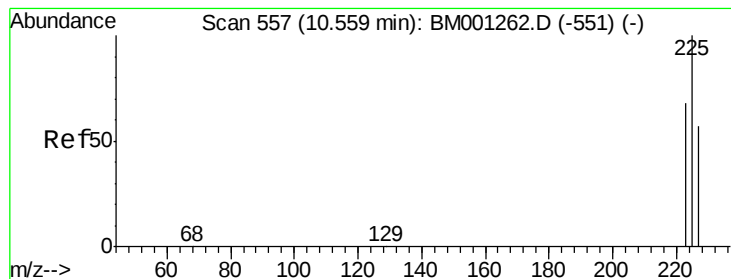
20

0

10.20 10.30 10.40

Time-->





#10

Hexachlorobutadiene

Concen: 0.01 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.03 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

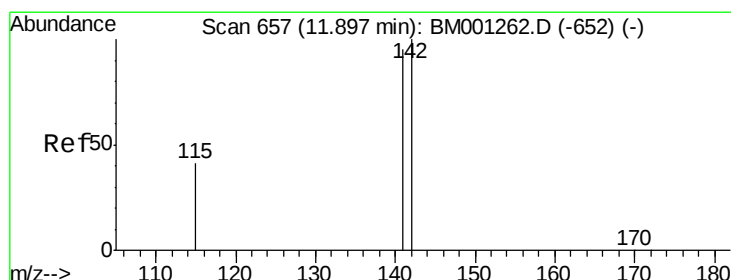
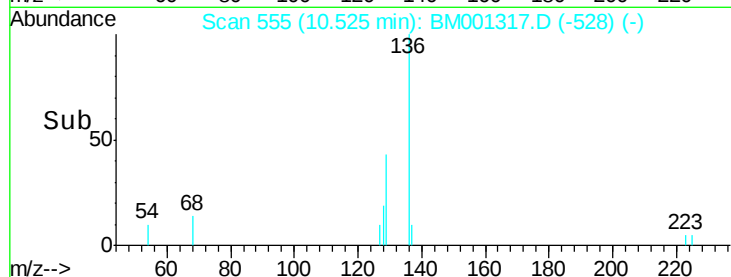
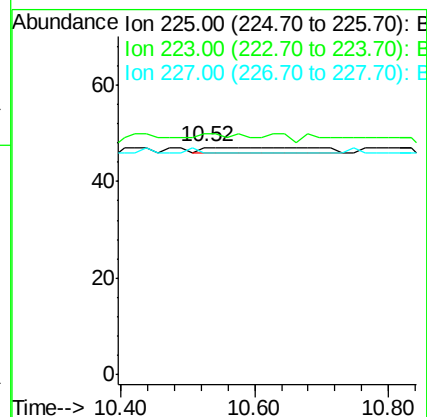
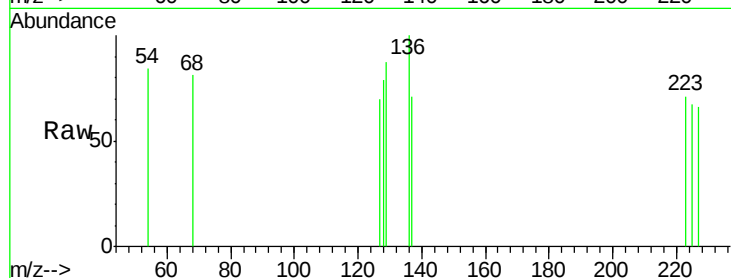
Tgt Ion: 225 Resp: 12

Ion Ratio Lower Upper

225 100

223 75.0 49.6 74.4#

227 8.3 51.4 77.2#



#11

2-Methylnaphthalene

Concen: 0.00 ng

RT: 11.90 min Scan# 657

Delta R.T. -0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

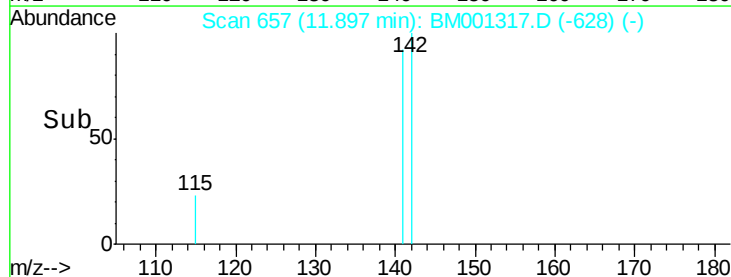
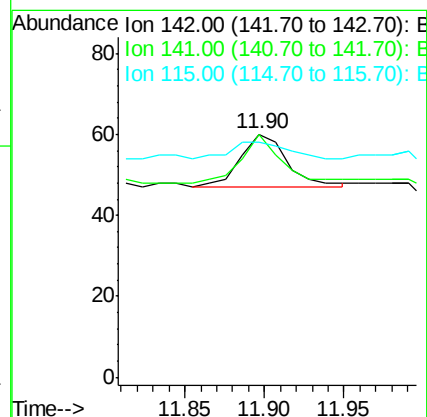
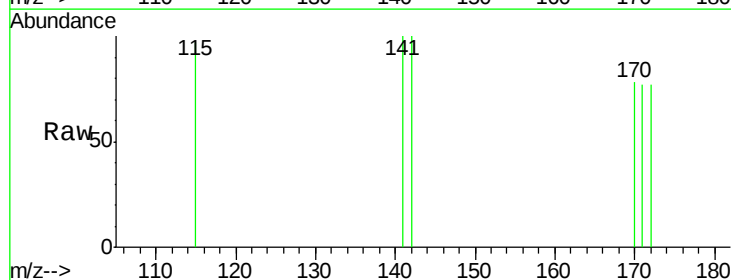
Tgt Ion: 142 Resp: 27

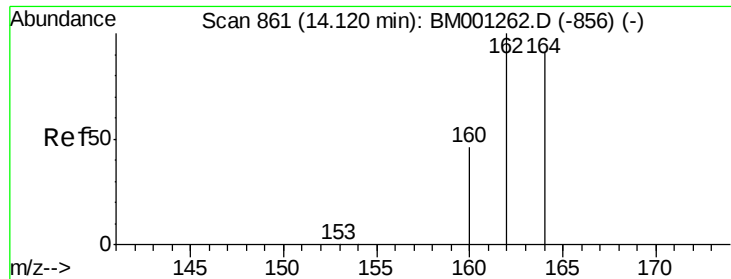
Ion Ratio Lower Upper

142 100

141 100.0 76.1 114.1

115 96.7 33.1 49.7#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

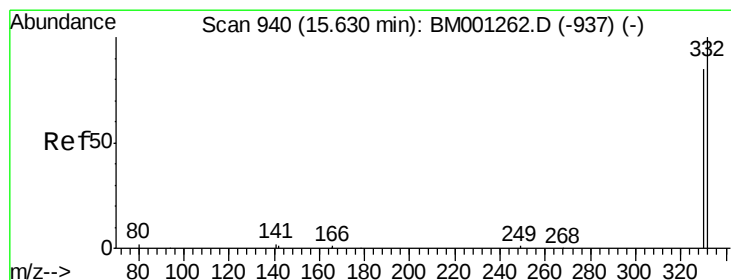
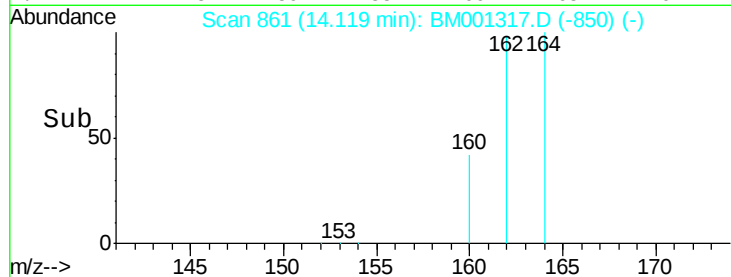
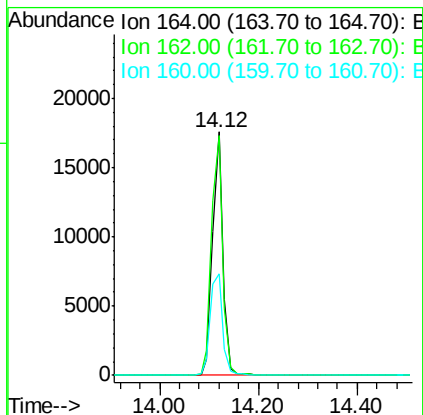
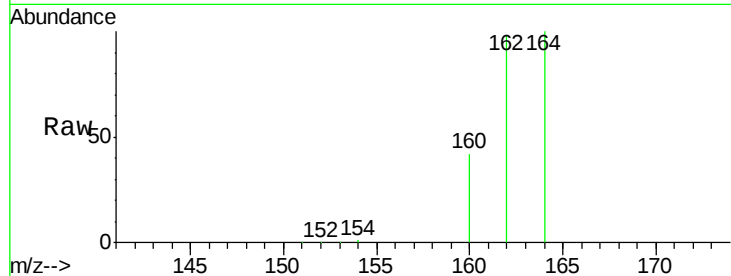
Tgt Ion:164 Resp: 25537

Ion Ratio Lower Upper

164 100

162 98.5 87.9 131.9

160 41.7 40.9 61.3



#13

2,4,6-Tribromophenol

Concen: 7.76 ng

RT: 15.63 min Scan# 940

Delta R.T. 0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

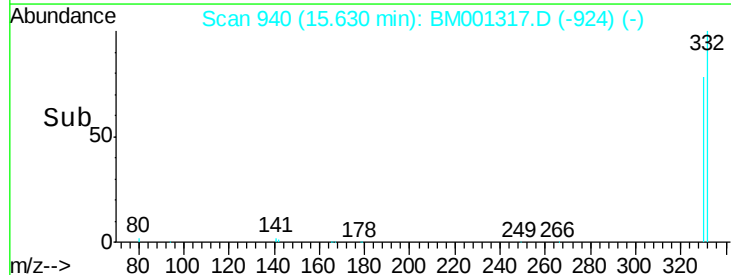
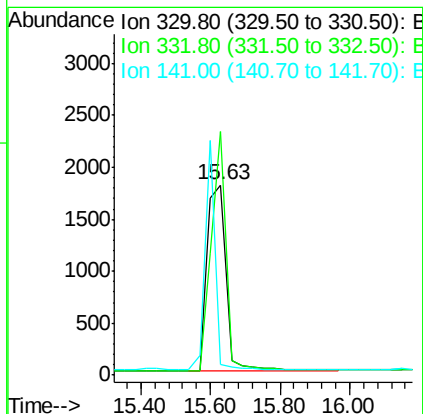
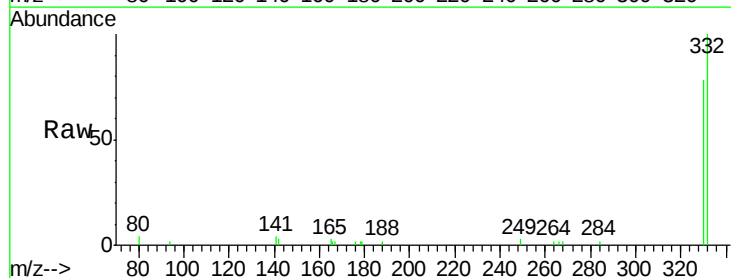
Tgt Ion:330 Resp: 6786

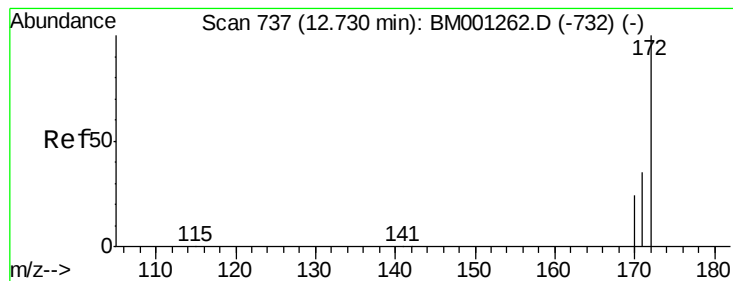
Ion Ratio Lower Upper

330 100

332 99.3 89.0 133.4

141 0.0 0.0 0.0

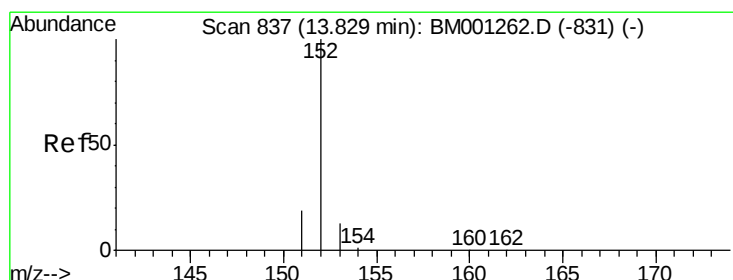
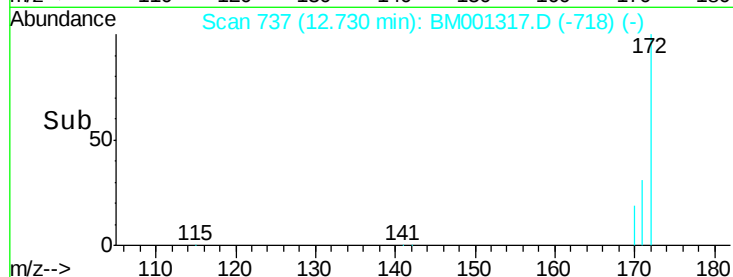
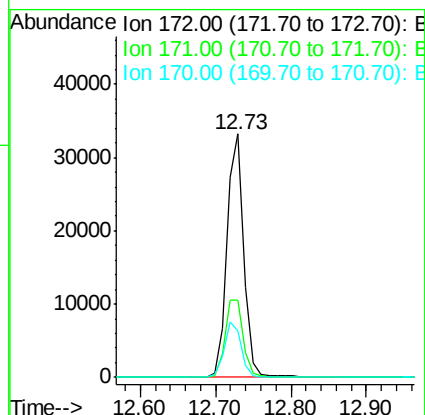
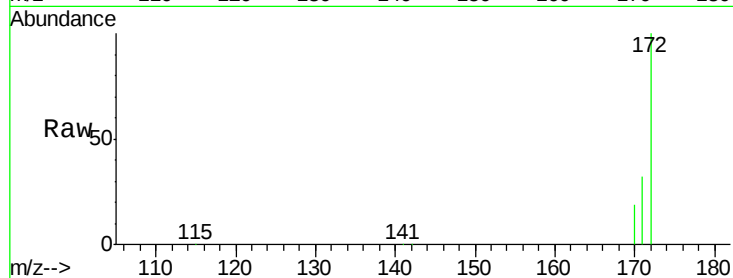




#14
2-Fluorobiphenyl
Concen: 6.56 ng
RT: 12.73 min Scan# 737
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

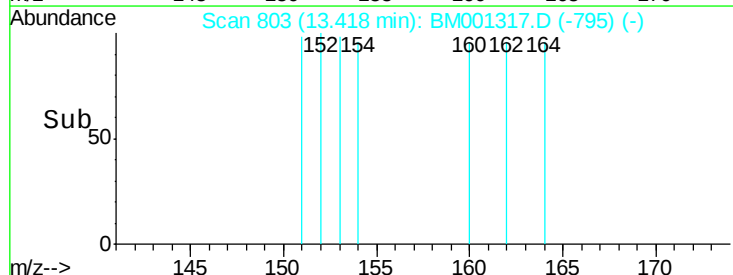
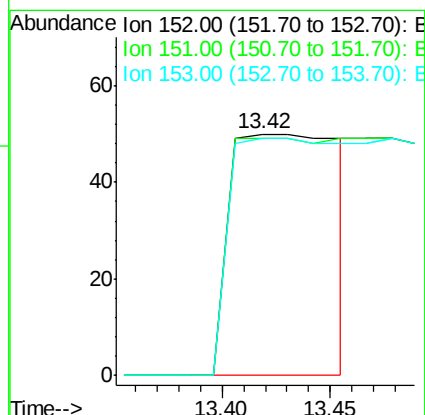
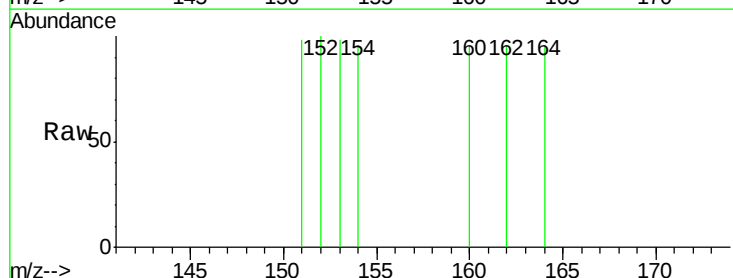
Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

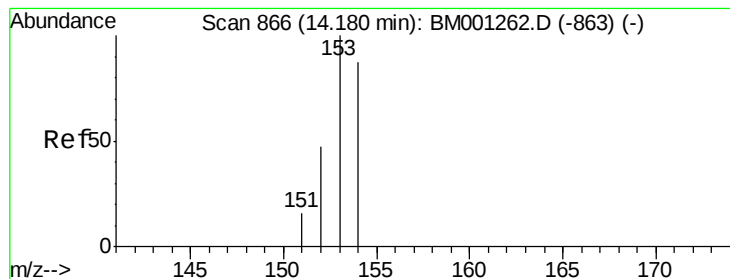
Tgt Ion:172 Resp: 52039
Ion Ratio Lower Upper
172 100
171 31.6 28.7 43.1
170 18.9 19.5 29.3#



#15
Acenaphthylene
Concen: 0.02 ng
RT: 13.42 min Scan# 803
Delta R.T. -0.41 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:152 Resp: 171
Ion Ratio Lower Upper
152 100
151 78.4 15.0 22.4#
153 97.7 10.1 15.1#





#16

Acenaphthene

Concen: 0.00 ng

RT: 14.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

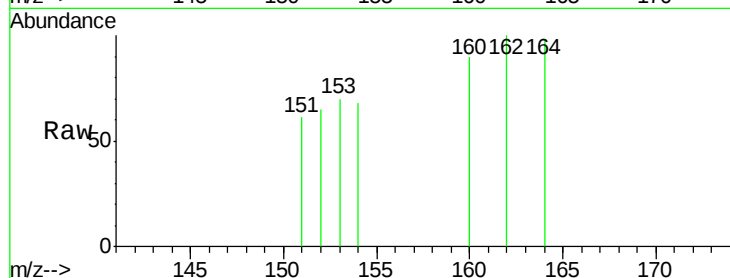
Tgt Ion:154 Resp: 12

Ion Ratio Lower Upper

154 100

153 166.7 91.4 137.2#

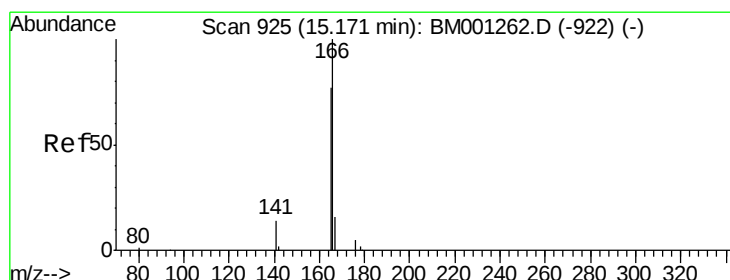
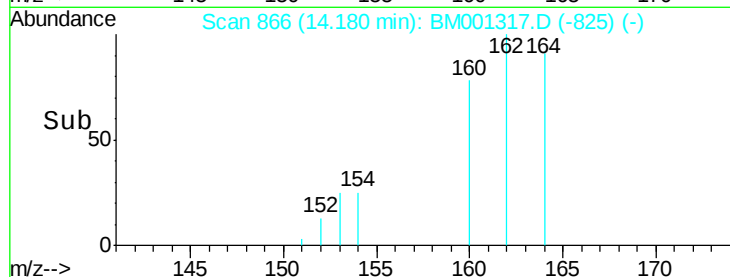
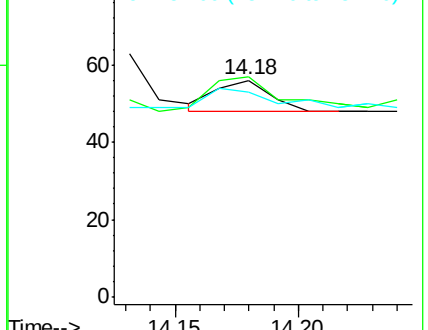
152 108.3 44.3 66.5#



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: 0.06 ng

RT: 14.77 min Scan# 912

Delta R.T. -0.40 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

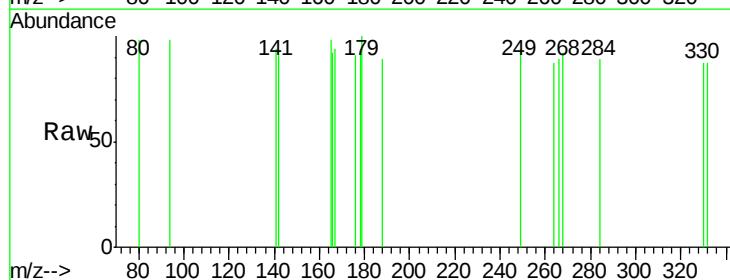
Tgt Ion:166 Resp: 389

Ion Ratio Lower Upper

166 100

165 0.0 70.6 106.0#

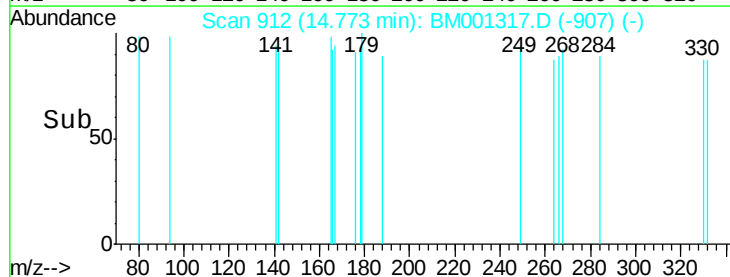
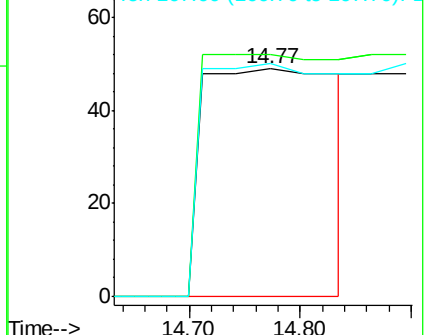
167 101.3 11.3 16.9#

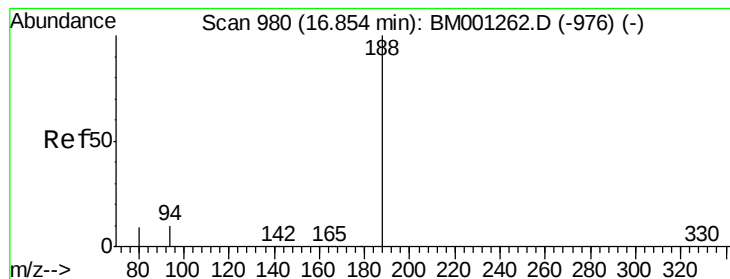


Abundance Ion 166.00 (165.70 to 166.70): E

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# 980

Delta R.T. -0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

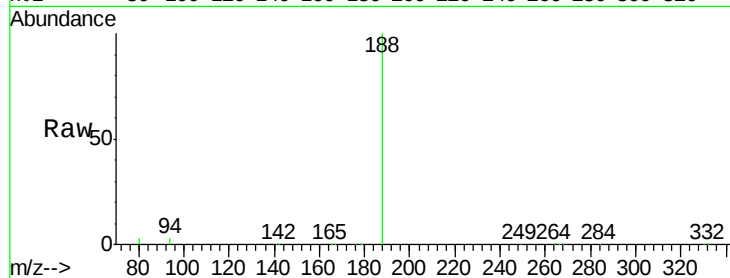
Tgt Ion:188 Resp: 73754

Ion Ratio Lower Upper

188 100

94 3.2 7.8 11.8#

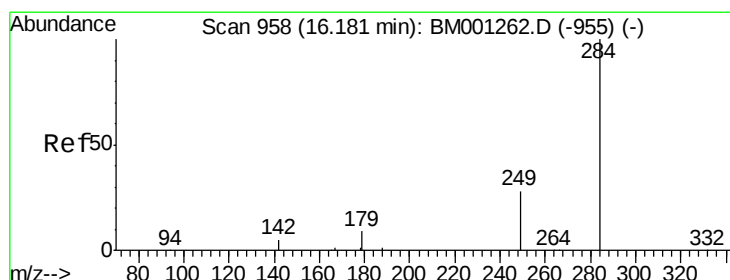
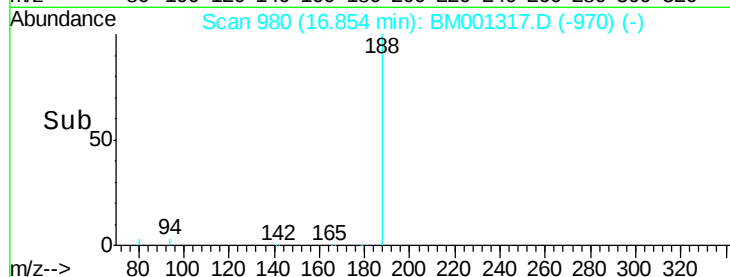
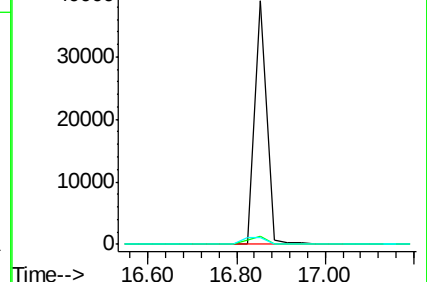
80 2.8 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#19

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.18 min Scan# 958

Delta R.T. -0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

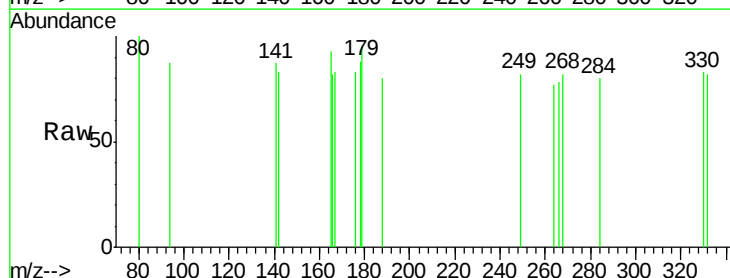
Tgt Ion:284 Resp: 7

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

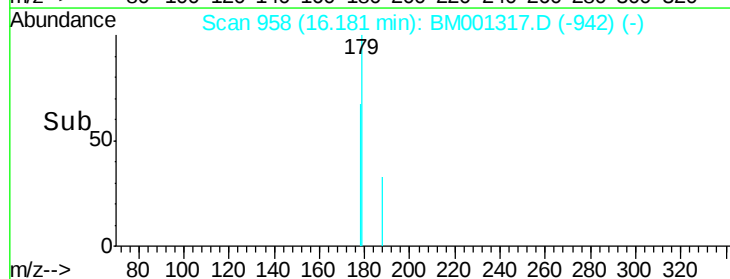
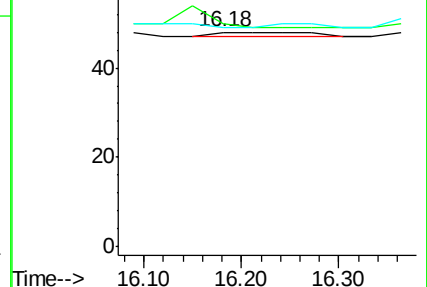
249 0.0 22.7 34.1#

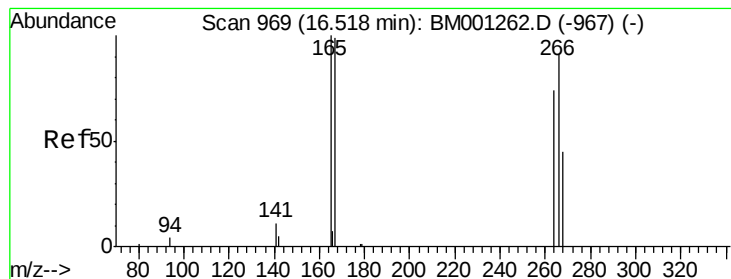


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#20

Pentachlorophenol

Concen: 0.42 ng

RT: 16.52 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001317.D

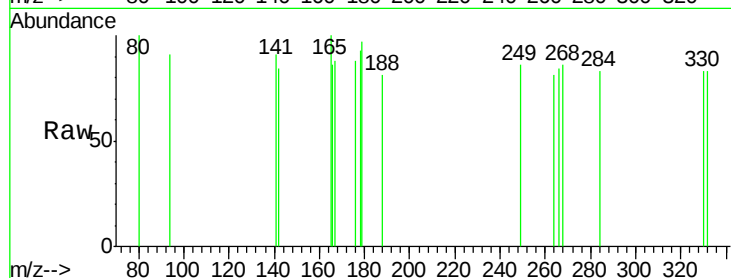
Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M



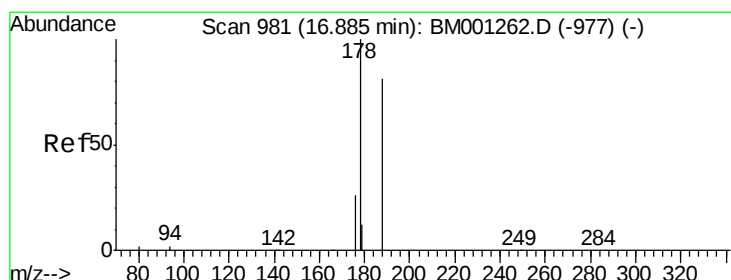
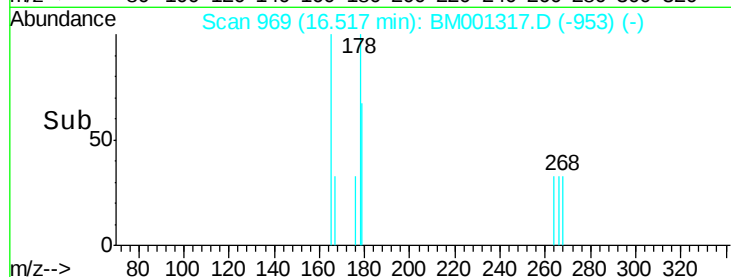
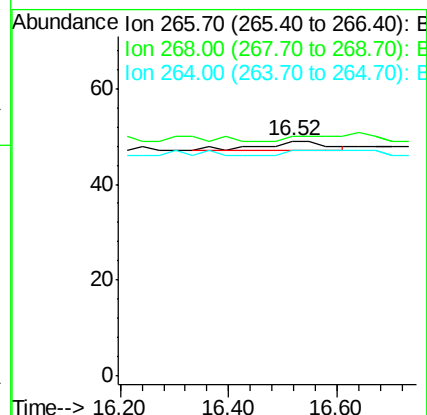
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

268 102.0 49.4 74.0#

264 95.9 67.8 101.6



#21

Phenanthrene

Concen: 0.02 ng

RT: 16.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

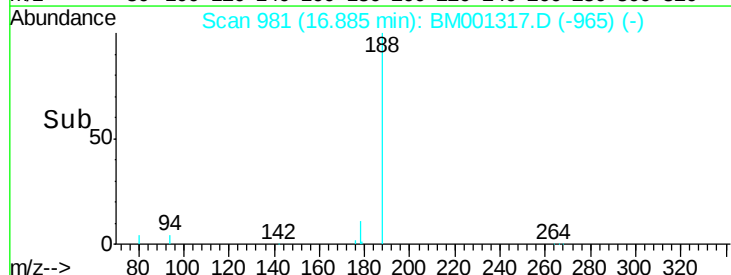
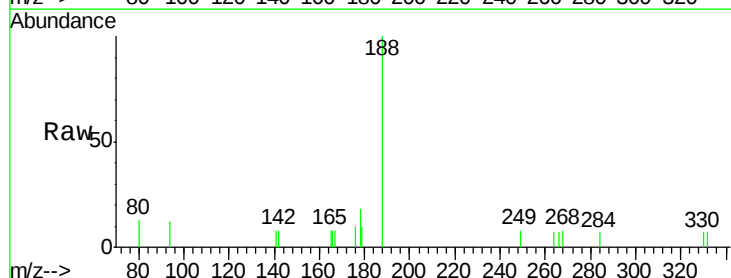
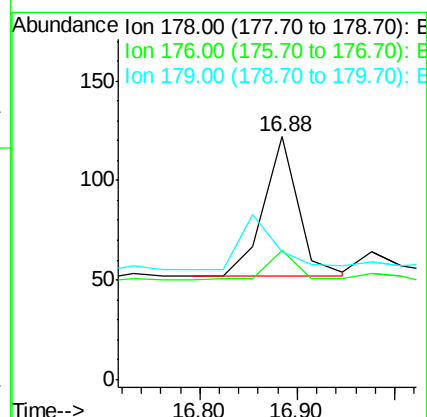
Tgt Ion:178 Resp: 174

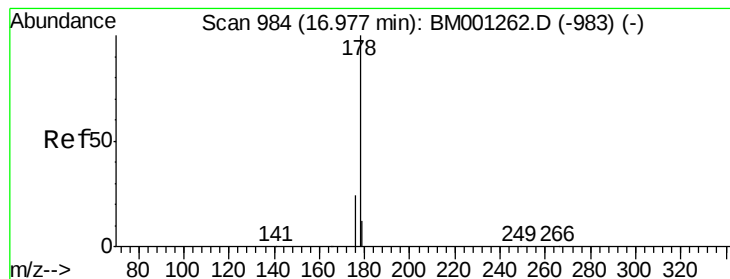
Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 0.0 0.0 0.0





#22

Anthracene

Concen: 0.00 ng

RT: 16.98 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

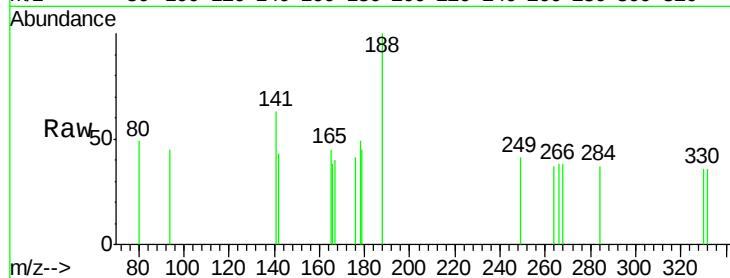
Tgt Ion:178 Resp: 39

Ion Ratio Lower Upper

178 100

176 38.5 15.3 22.9#

179 0.0 0.0 0.0



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

150

100

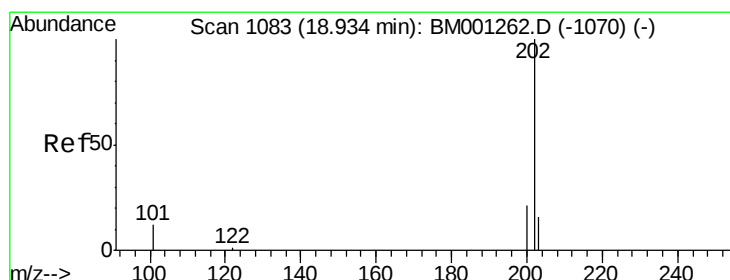
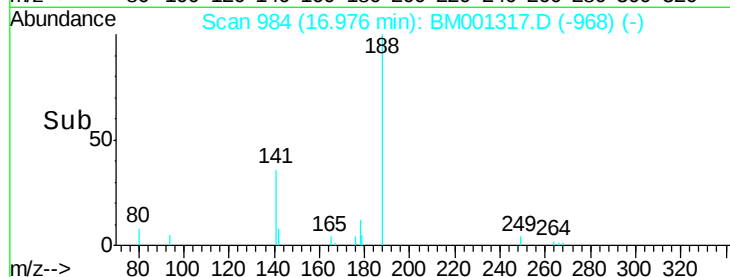
50

0

16.90 17.00 17.10

16.98

Time-->



#23

Fluoranthene

Concen: 0.01 ng

RT: 18.93 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

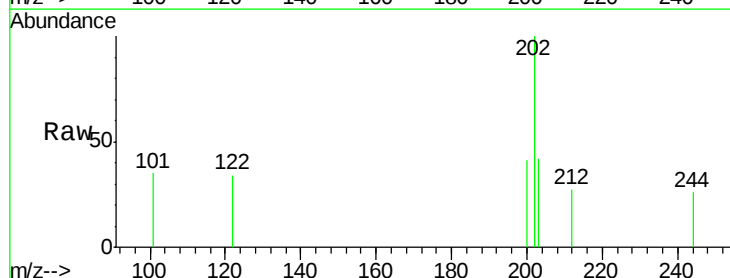
Tgt Ion:202 Resp: 187

Ion Ratio Lower Upper

202 100

101 15.5 9.1 13.7#

203 16.0 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

250

200

150

100

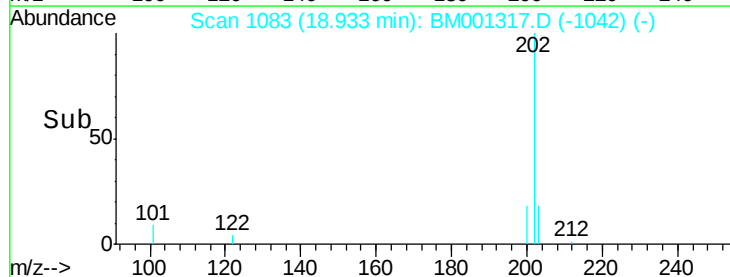
50

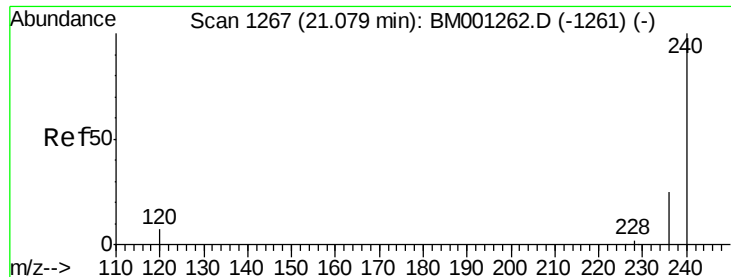
0

18.90 19.00

18.93

Time-->





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

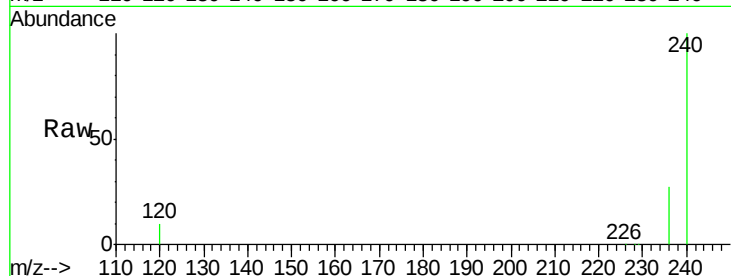
Tgt Ion:240 Resp: 46444

Ion Ratio Lower Upper

240 100

120 10.3 5.5 8.3#

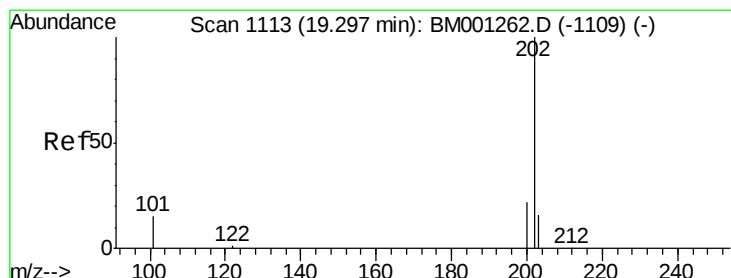
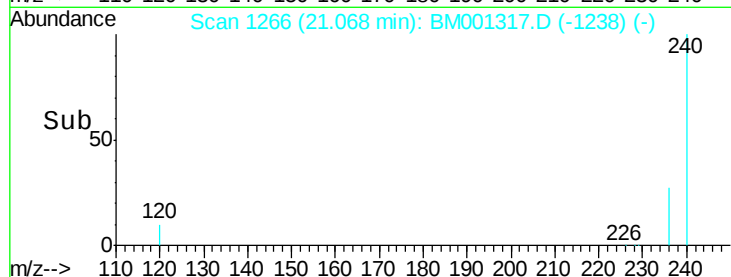
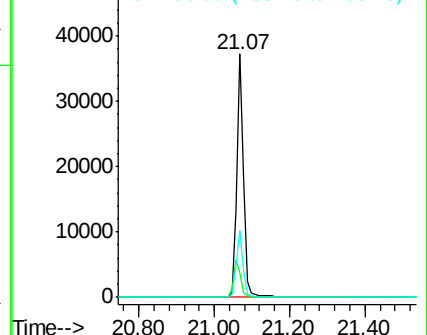
236 27.5 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#25

Pyrene

Concen: 0.01 ng

RT: 18.93 min Scan# 1083

Delta R.T. -0.36 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

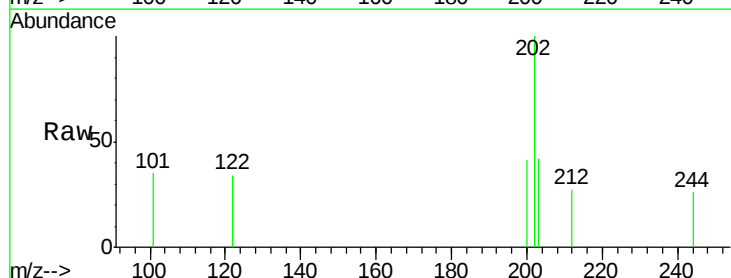
Tgt Ion:202 Resp: 187

Ion Ratio Lower Upper

202 100

200 23.5 16.4 24.6

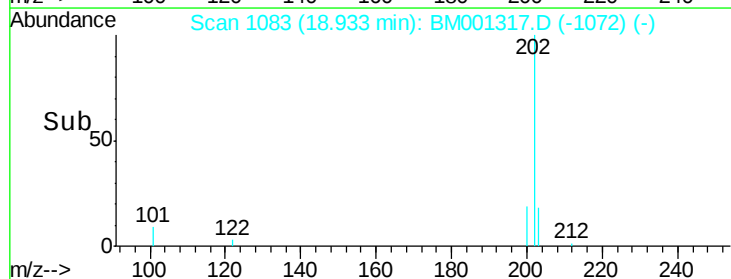
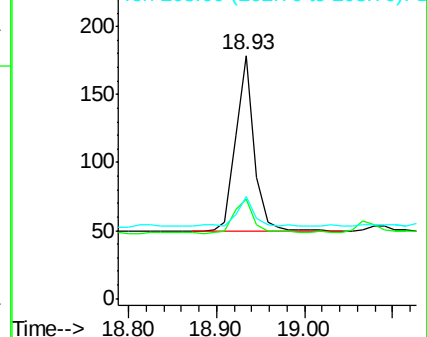
203 16.0 13.9 20.9

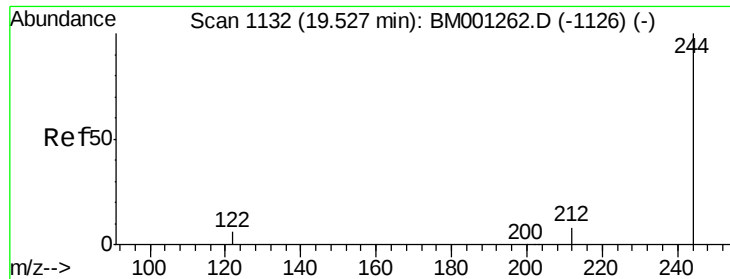


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#26

Terphenyl-d14

Concen: 7.93 ng

RT: 19.51 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

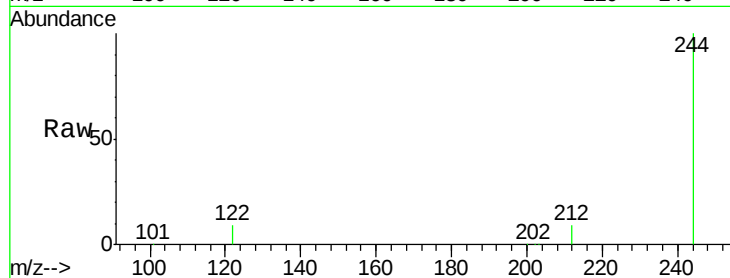
Tgt Ion:244 Resp: 49472

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

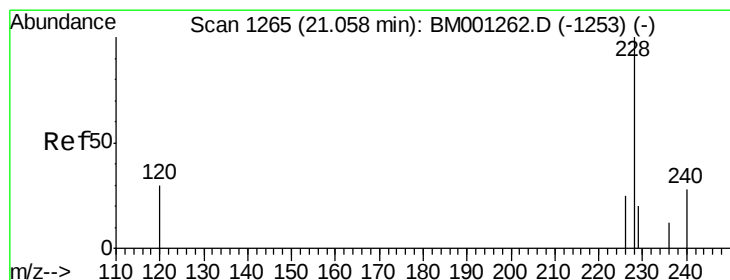
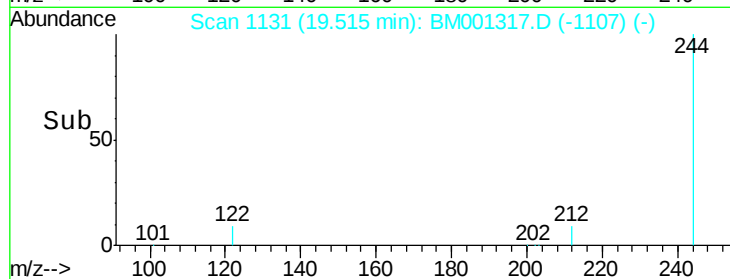
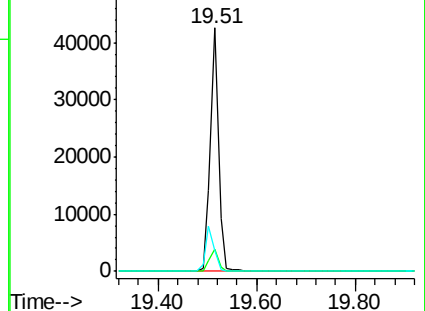
122 8.8 5.6 8.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.06 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

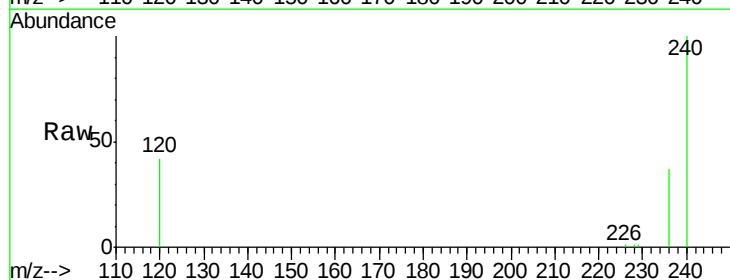
Tgt Ion:228 Resp: 259

Ion Ratio Lower Upper

228 100

226 39.3 20.5 30.7#

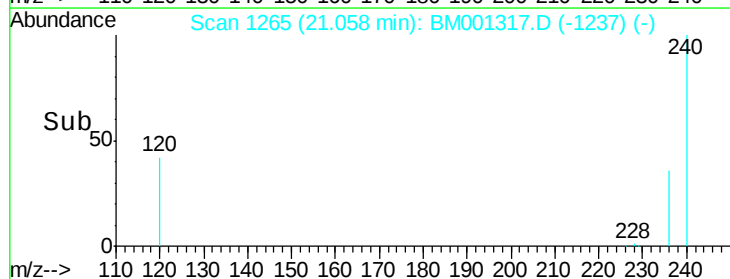
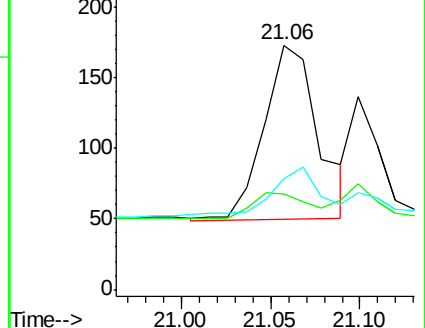
229 45.7 16.2 24.4#

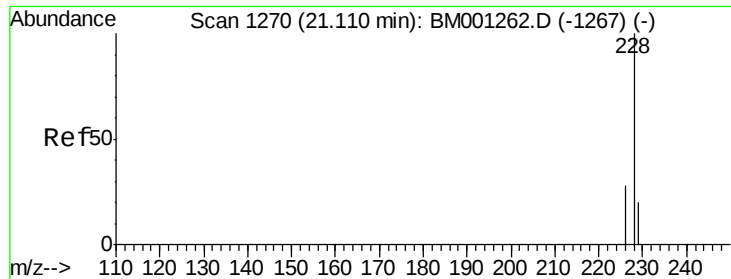


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#28

Chrysene

Concen: 0.01 ng

RT: 21.10 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

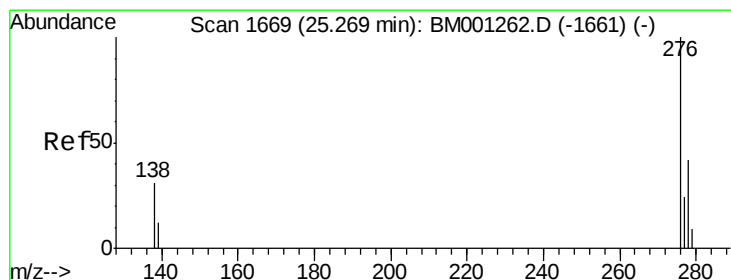
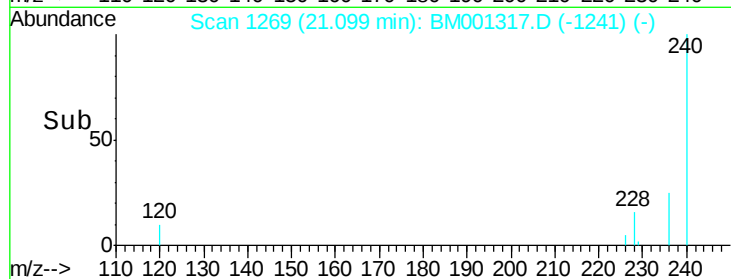
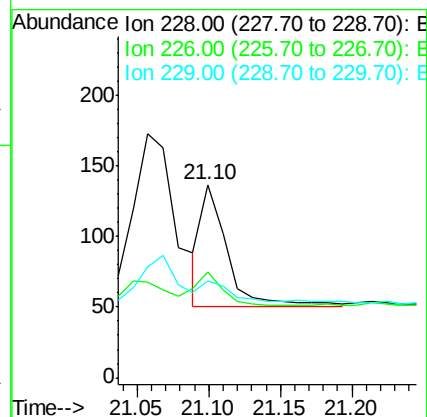
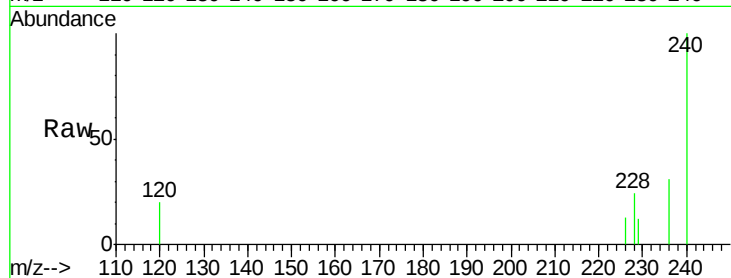
Tgt Ion:228 Resp: 112

Ion Ratio Lower Upper

228 100

226 54.7 22.2 33.2#

229 50.4 16.5 24.7#



#29

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 25.26 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

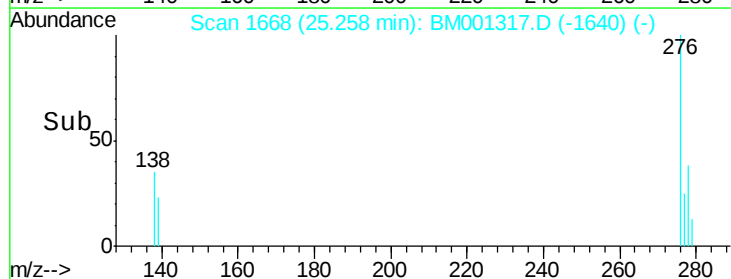
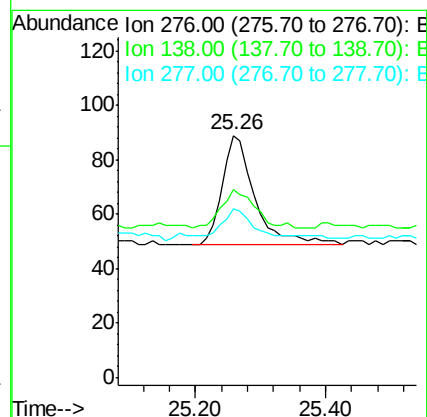
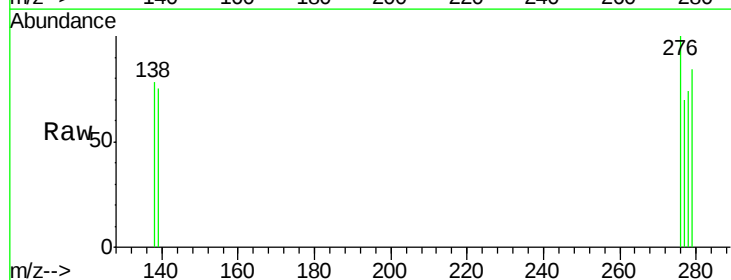
Tgt Ion:276 Resp: 136

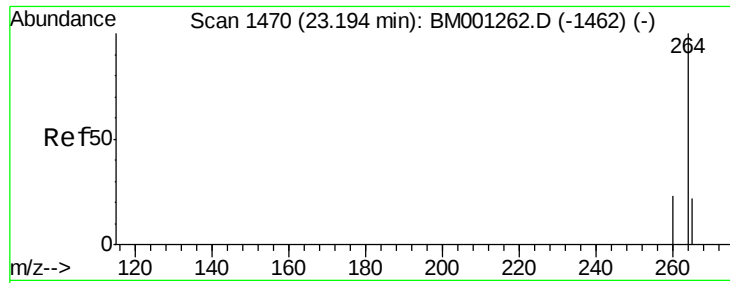
Ion Ratio Lower Upper

276 100

138 39.7 24.9 37.3#

277 31.6 19.5 29.3#





#30

Perylene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

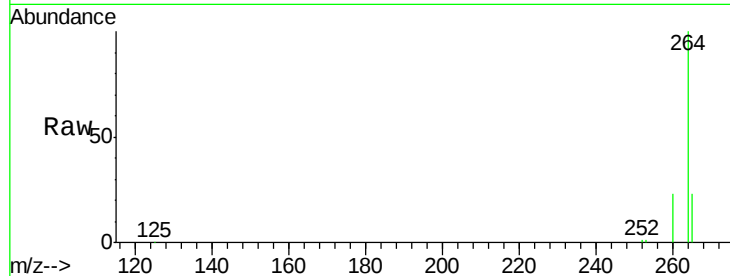
Tgt Ion:264 Resp: 44869

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

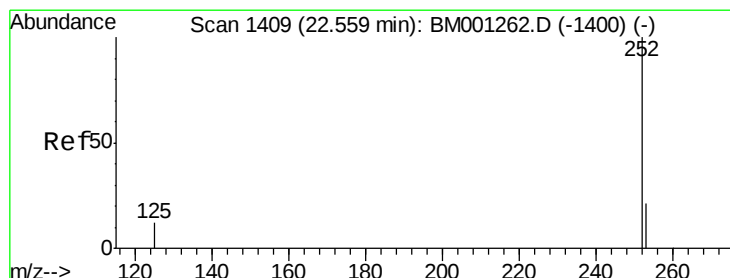
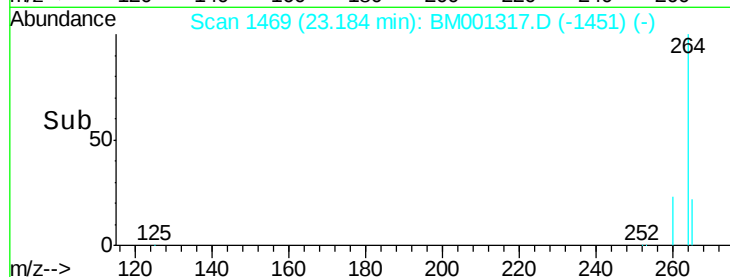
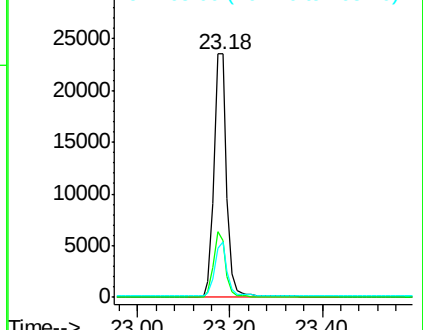
265 22.9 18.1 27.1



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



#31

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.55 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

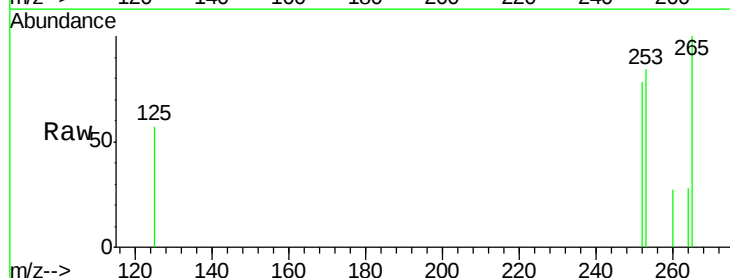
Tgt Ion:252 Resp: 153

Ion Ratio Lower Upper

252 100

253 107.0 17.8 26.6#

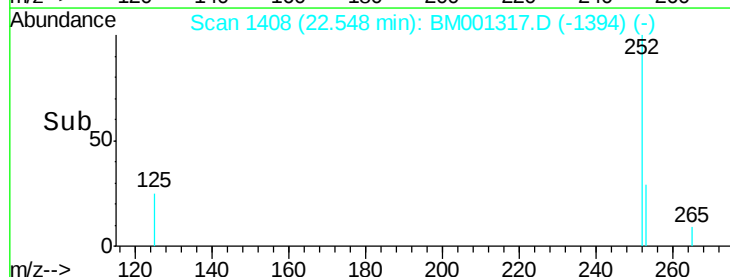
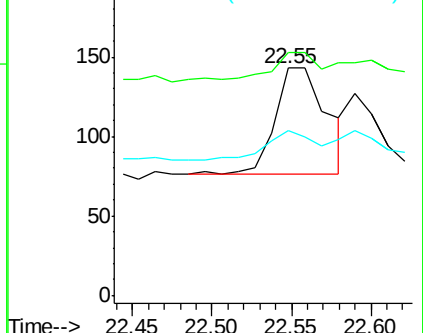
125 72.7 10.4 15.6#

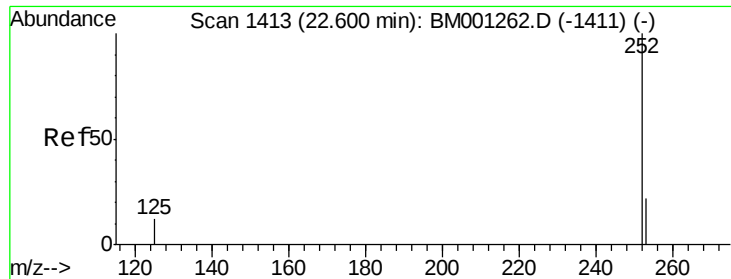


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#32

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 22.55 min Scan# 1408

Delta R.T. -0.05 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

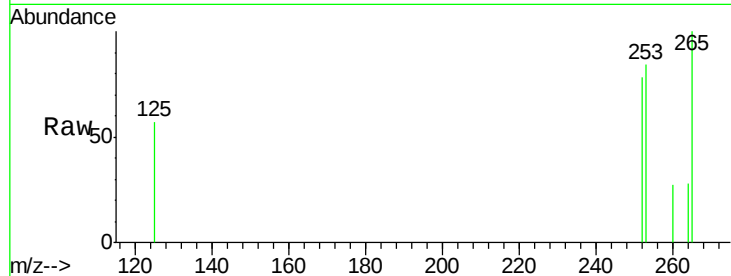
Tgt Ion: 252 Resp: 153

Ion Ratio Lower Upper

252 100

253 107.0 18.6 27.8#

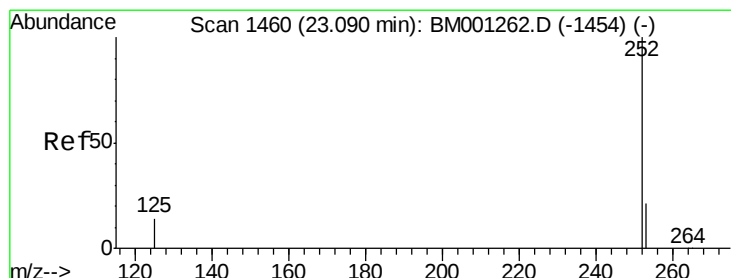
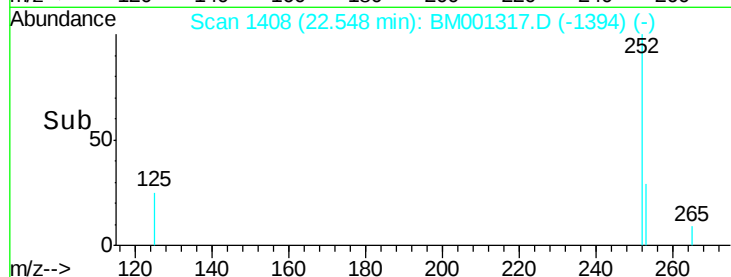
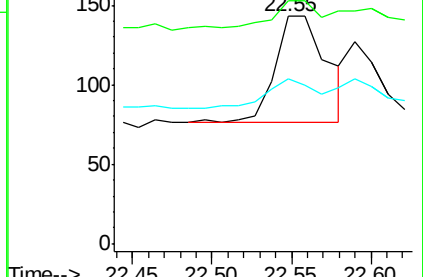
125 72.7 10.2 15.4#



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



#33

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.08 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

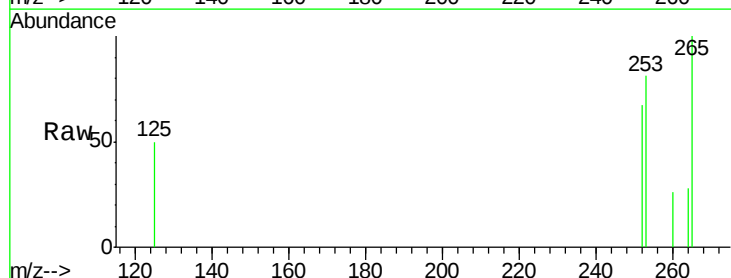
Tgt Ion: 252 Resp: 92

Ion Ratio Lower Upper

252 100

253 122.2 18.3 27.5#

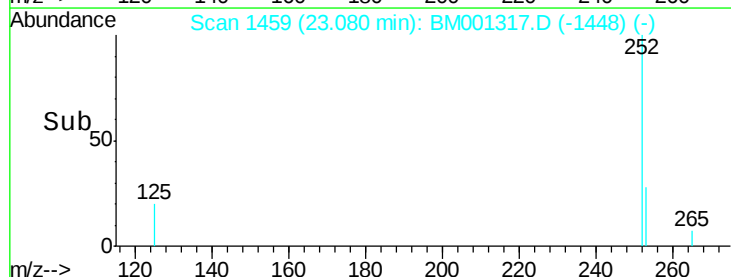
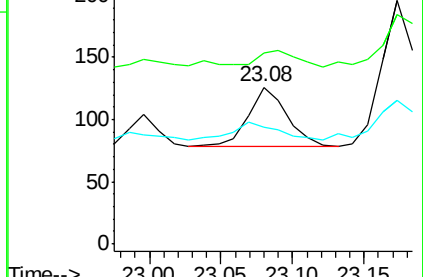
125 74.6 12.2 18.2#

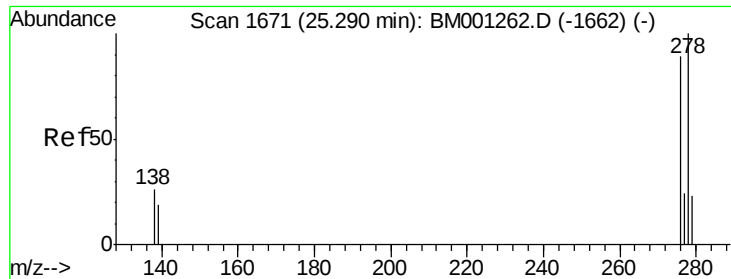


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#34

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 25.28 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Instrument :

BNA_M

ClientSampleId :

051215-P3-EU-M

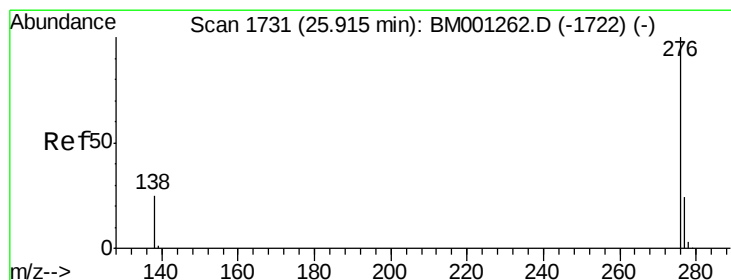
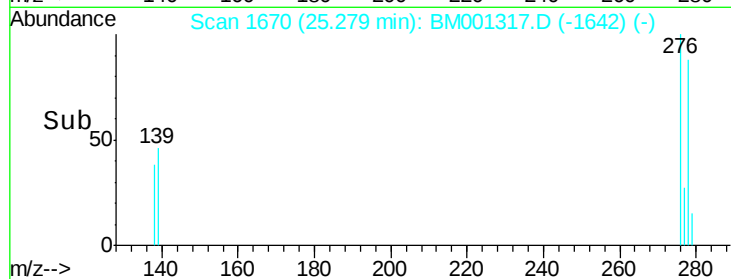
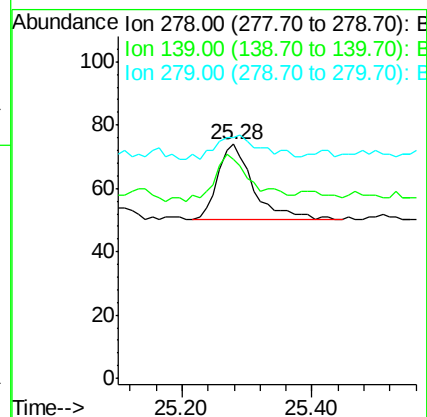
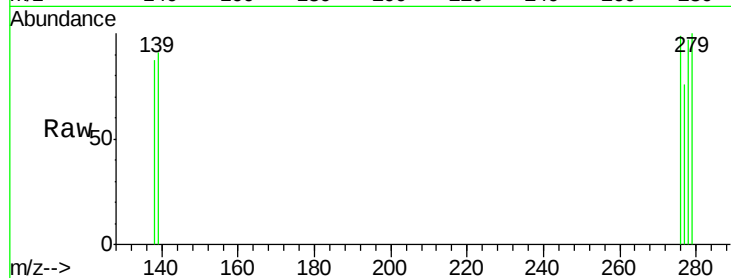
Tgt Ion: 278 Resp: 93

Ion Ratio Lower Upper

278 100

139 93.2 16.6 24.8#

279 102.7 20.0 30.0#



#35

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 25.89 min Scan# 1729

Delta R.T. -0.02 min

Lab File: BM001317.D

Acq: 15 May 2015 06:17

Tgt Ion: 276 Resp: 129

Ion Ratio Lower Upper

276 100

277 72.0 19.9 29.9#

138 79.3 21.0 31.4#

