

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
 Data File : BM001608.D
 Acq On : 09 Jun 2015 06:00
 Operator : TP/IZ
 Sample : PB83802BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83802BS

Quant Time: Jun 09 18:14:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 17:36:38 2015
 Response via : Initial Calibration

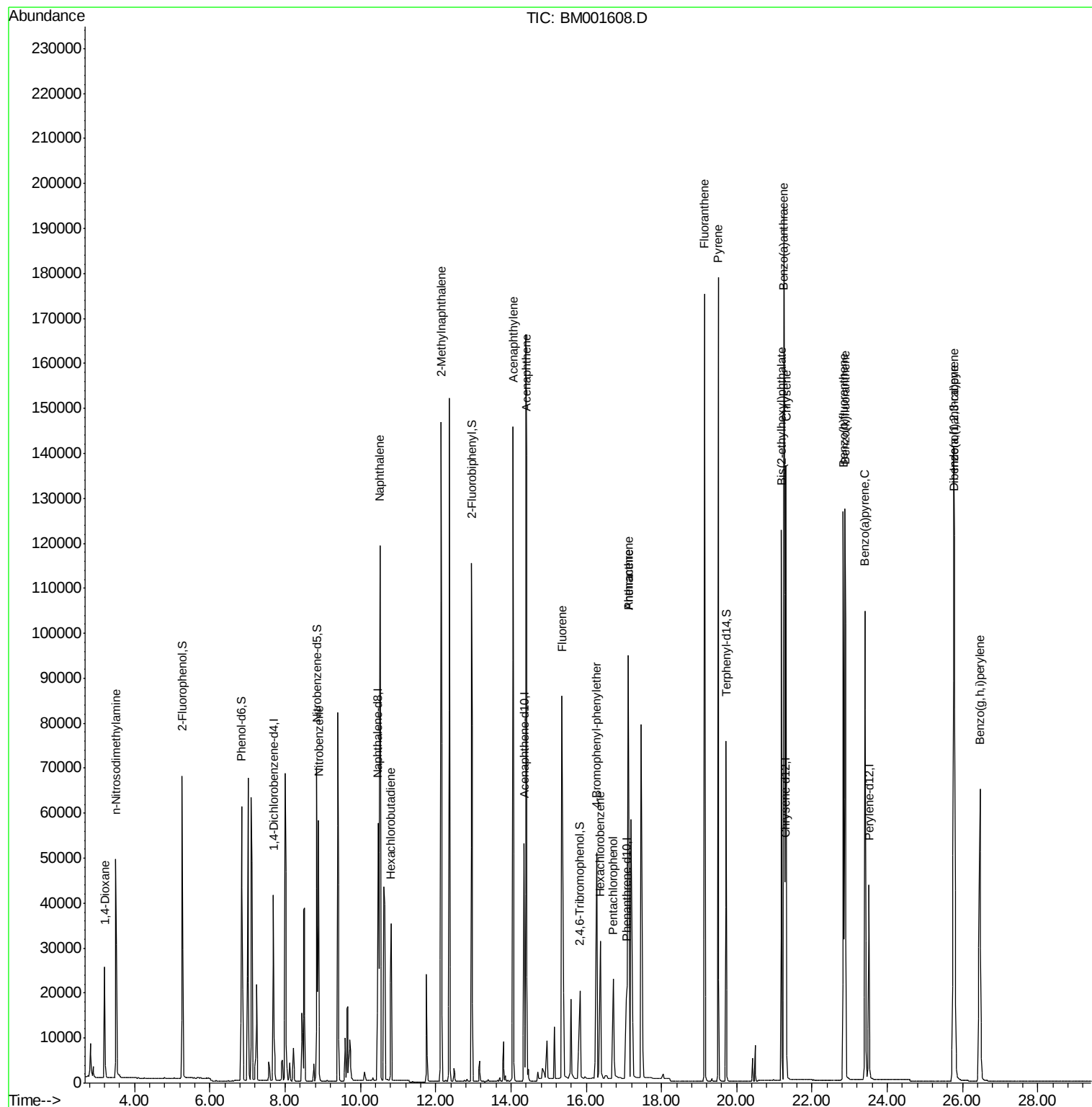
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	21512	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	76779	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	35867	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	41907	5.00	ng	0.03
25) Chrysene-d12	21.28	240	60051	5.00	ng	0.00
32) Perylene-d12	23.51	264	54181	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	48881	9.99	ng	-0.02
5) Phenol-d6	6.84	99	62172	10.34	ng	-0.02
7) Nitrobenzene-d5	8.85	82	57263	10.58	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	18874	10.92	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	108306	9.28	ng	0.00
27) Terphenyl-d14	19.72	244	75387	9.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	19839	8.38	ng	94
3) n-Nitrosodimethylamine	3.51	42	34092	10.07	ng	97
8) Nitrobenzene	8.89	77	62835	10.82	ng	98
9) Naphthalene	10.52	128	163826	9.53	ng	98
10) Hexachlorobutadiene	10.82	225	27886	9.42	ng	100
11) 2-Methylnaphthalene	12.15	142	102798	9.76	ng	97
15) Acenaphthylene	14.06	152	168990	10.50	ng	100
16) Acenaphthene	14.41	154	99122	9.79	ng	96
17) Fluorene	15.36	166	67629	9.86	ng	97
19) 4-Bromophenyl-phenylether	16.27	248	44506	11.20	ng	# 74
20) Hexachlorobenzene	16.38	284	25881	11.91	ng	# 70
21) Pentachlorophenol	16.72	266	10801	14.85	ng	91
22) Phenanthrene	17.12	178	256709	17.15	ng	96
23) Anthracene	17.12	178	248245	27.97	ng	# 79
24) Fluoranthene	19.14	202	180886	11.16	ng	100
26) Pyrene	19.52	202	191243	9.83	ng	99
28) Benzo(a)anthracene	21.25	228	172422	9.83	ng	96
29) Chrysene	21.31	228	155112	9.36	ng	98
30) Bis(2-ethylhexyl)phthalate	21.19	149	114024	11.25	ng	98
31) Indeno(1,2,3-cd)pyrene	25.76	276	162899	9.67	ng	99
33) Benzo(b)fluoranthene	22.83	252	158849	9.75	ng	98
34) Benzo(k)fluoranthene	22.88	252	152557	9.71	ng	97
35) Benzo(a)pyrene	23.41	252	142031	9.87	ng	96
36) Dibenzo(a,h)anthracene	25.78	278	126681	9.63	ng	96
37) Benzo(g,h,i)perylene	26.46	276	131599	9.28	ng	99

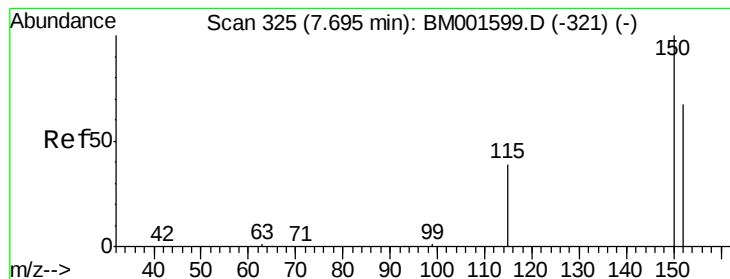
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
Data File : BM001608.D
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 325

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS

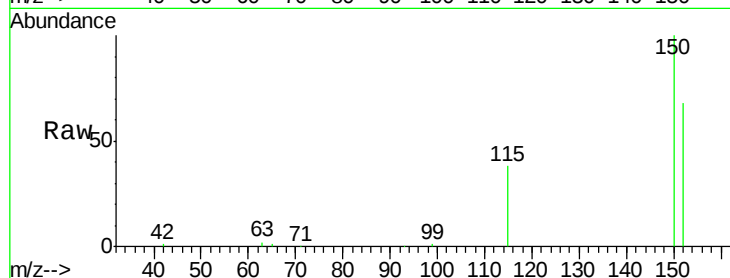
Tgt Ion:152 Resp: 21512

Ion Ratio Lower Upper

152 100

150 147.4 120.1 180.1

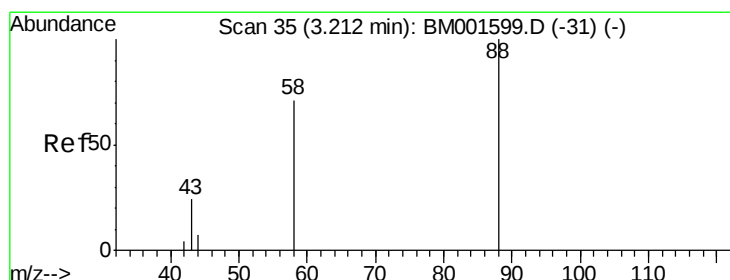
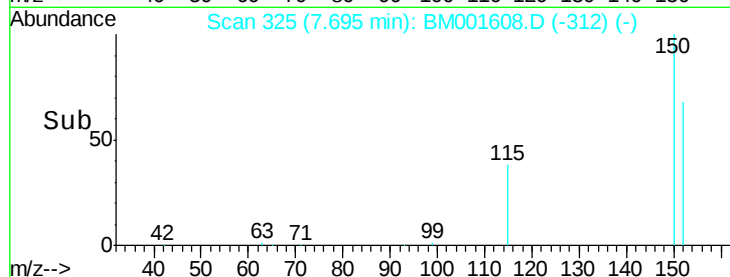
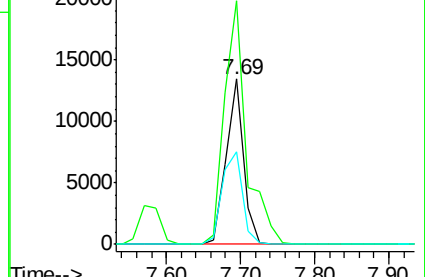
115 56.1 47.0 70.6



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: 8.38 ng

RT: 3.21 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

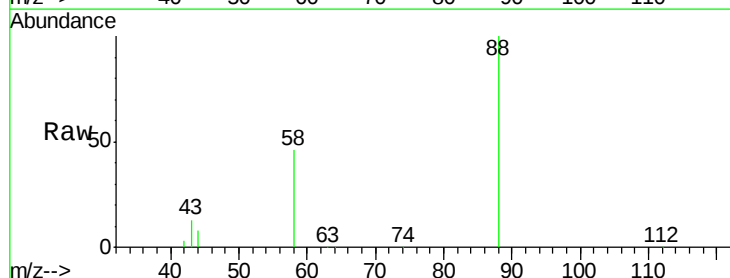
Tgt Ion: 88 Resp: 19839

Ion Ratio Lower Upper

88 100

58 89.4 65.5 98.3

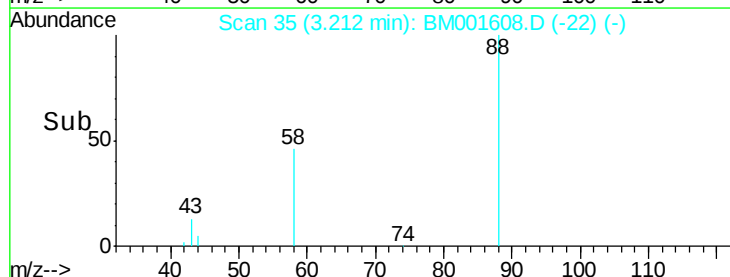
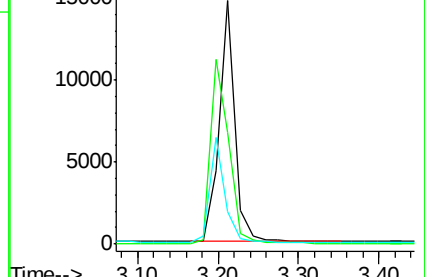
43 41.7 32.2 48.2

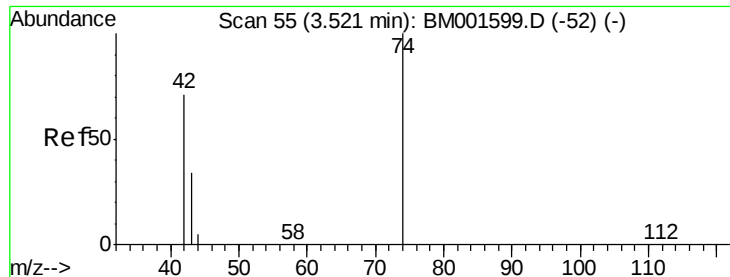


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 10.07 ng

RT: 3.51 min Scan# 54

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS

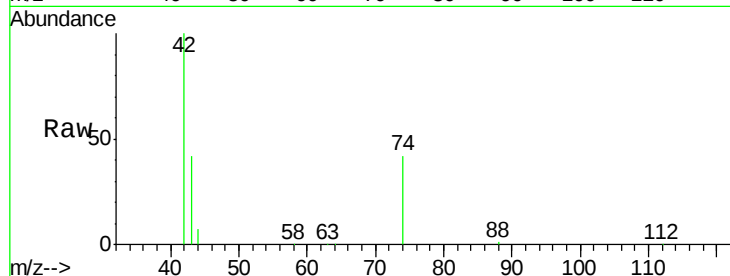
Tgt Ion: 42 Resp: 34092

Ion Ratio Lower Upper

42 100

74 96.0 79.5 119.3

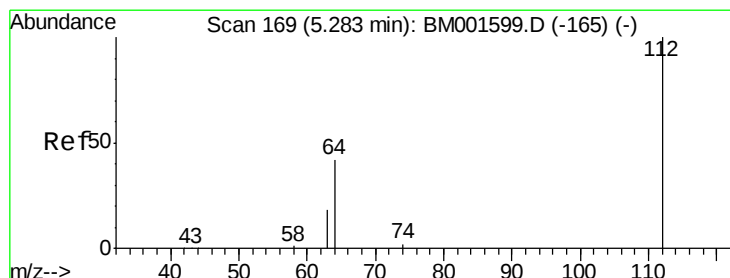
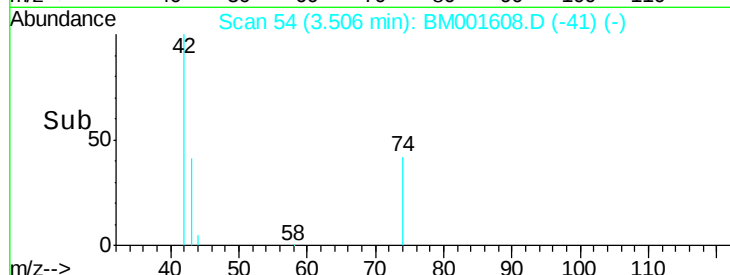
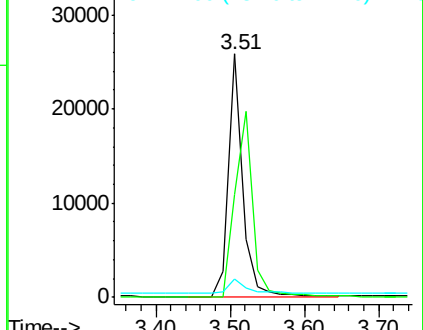
44 6.0 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BM001599.D (-52) (-)

Ion 74.00 (73.70 to 74.70): BM001599.D (-52) (-)

Ion 44.00 (43.70 to 44.70): BM001599.D (-52) (-)



#4

2-Fluorophenol

Concen: 9.99 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.02 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

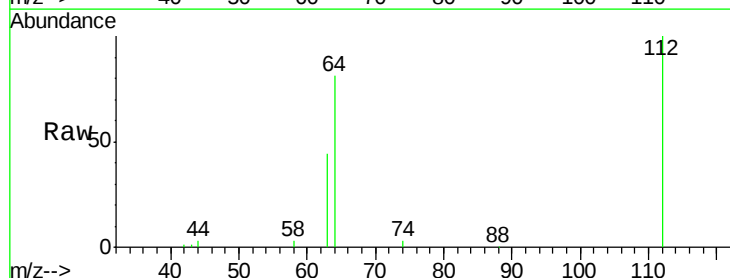
Tgt Ion: 112 Resp: 48881

Ion Ratio Lower Upper

112 100

64 69.1 54.8 82.2

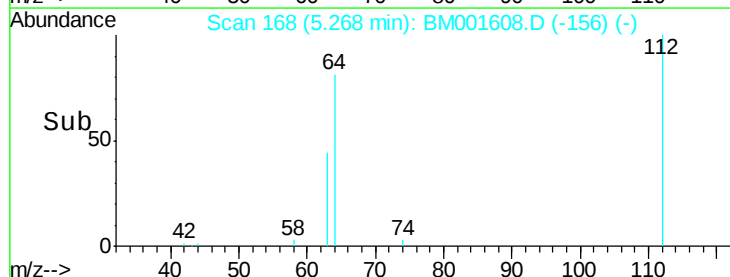
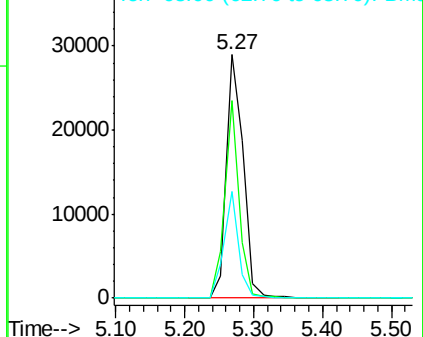
63 37.8 30.5 45.7

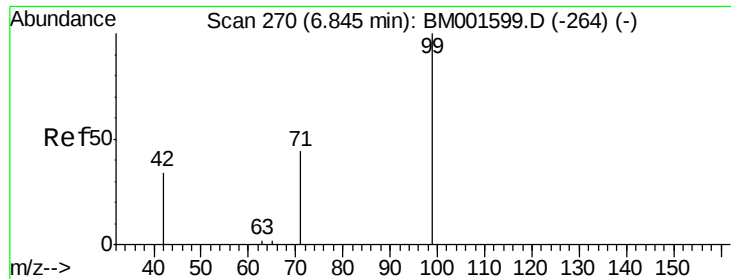


Abundance Ion 112.00 (111.70 to 112.70): BM001599.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001599.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001599.D (-165) (-)





#5

Phenol-d6

Concen: 10.34 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.02 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS

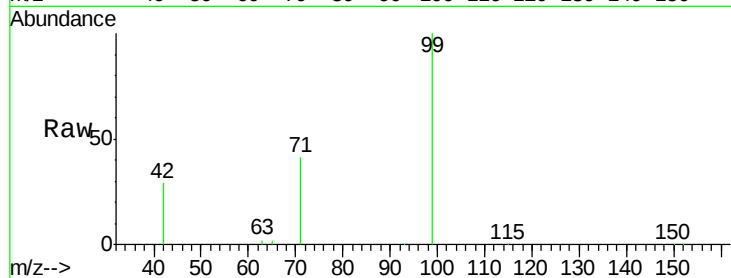
Tgt Ion: 99 Resp: 62172

Ion Ratio Lower Upper

99 100

42 26.8 21.6 32.4

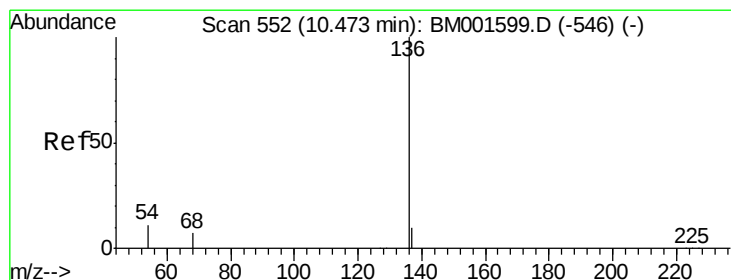
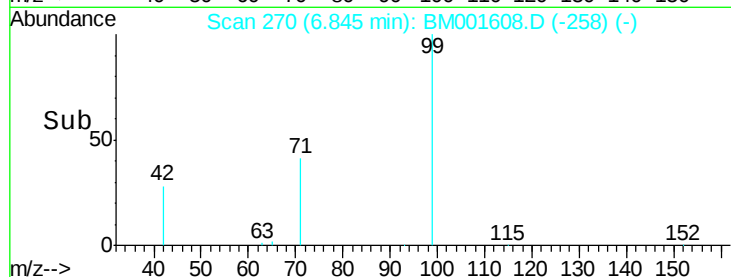
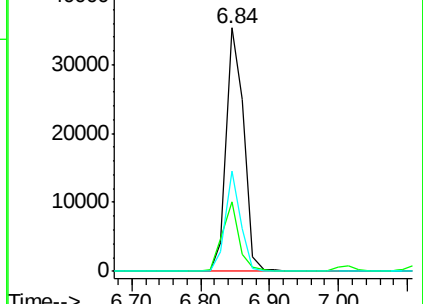
71 36.0 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001599.D (-264) (-)

Ion 42.00 (41.70 to 42.70): BM001599.D (-264) (-)

Ion 71.00 (70.70 to 71.70): BM001599.D (-264) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Tgt Ion: 136 Resp: 76779

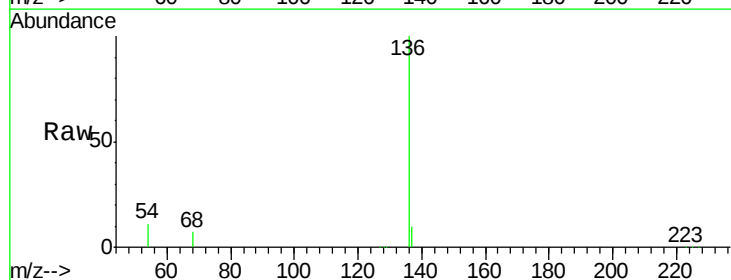
Ion Ratio Lower Upper

136 100

137 10.4 8.3 12.5

54 11.0 9.2 13.8

68 6.6 5.5 8.3

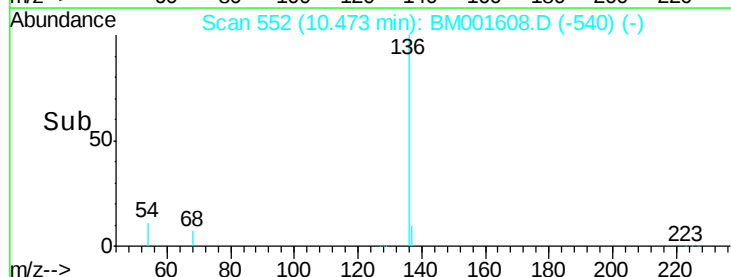
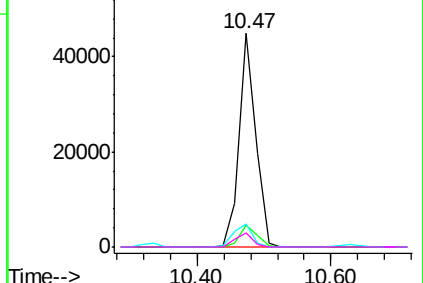


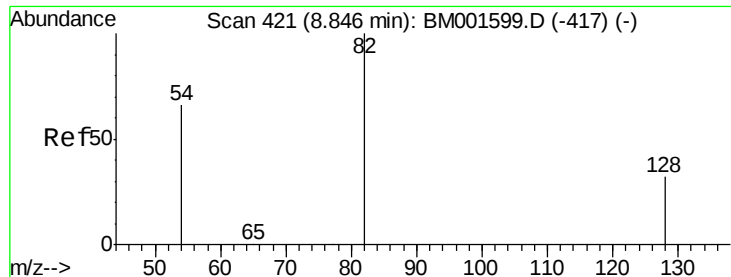
Abundance Ion 136.00 (135.70 to 136.70): BM001599.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001599.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001599.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001599.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 10.58 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS

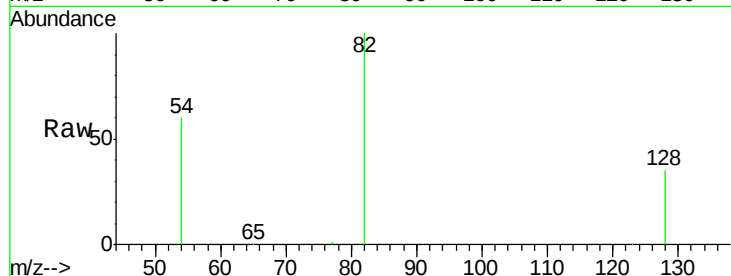
Tgt Ion: 82 Resp: 57263

Ion Ratio Lower Upper

82 100

128 34.9 26.6 40.0

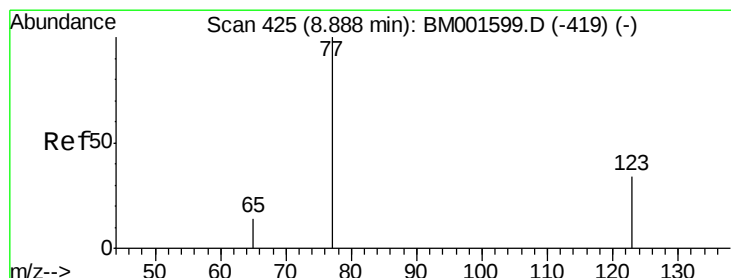
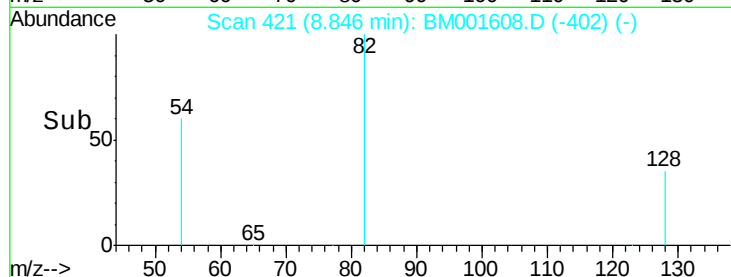
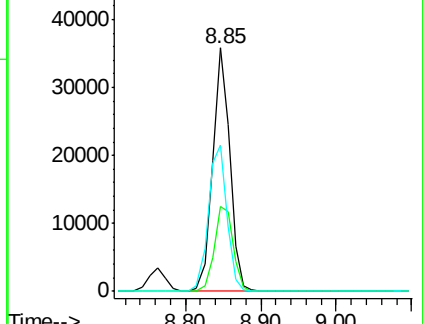
54 59.9 53.0 79.6



Abundance Ion 82.00 (81.70 to 82.70): BM001599.D (-417) (-)

Ion 128.00 (127.70 to 128.70): BM001599.D (-417) (-)

Ion 54.00 (53.70 to 54.70): BM001599.D (-417) (-)



#8

Nitrobenzene

Concen: 10.82 ng

RT: 8.89 min Scan# 425

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

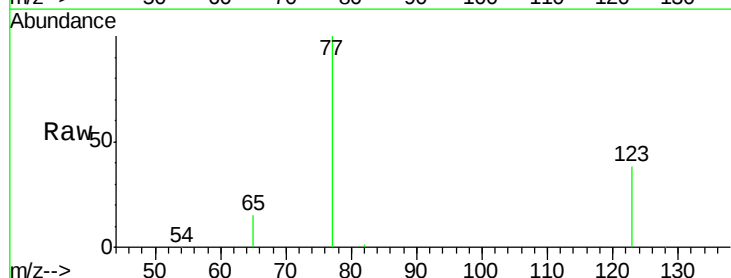
Tgt Ion: 77 Resp: 62835

Ion Ratio Lower Upper

77 100

123 40.2 31.0 46.6

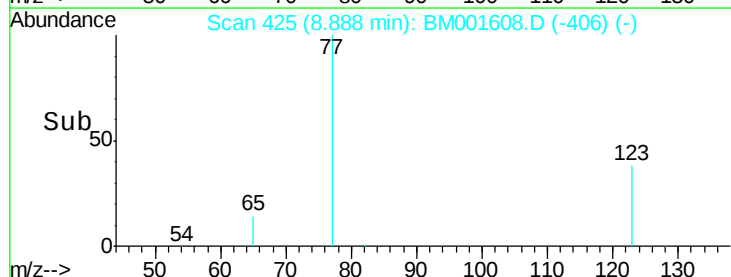
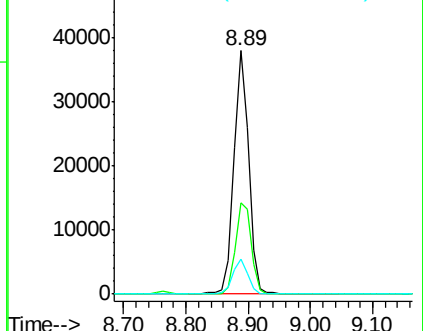
65 14.5 11.4 17.0

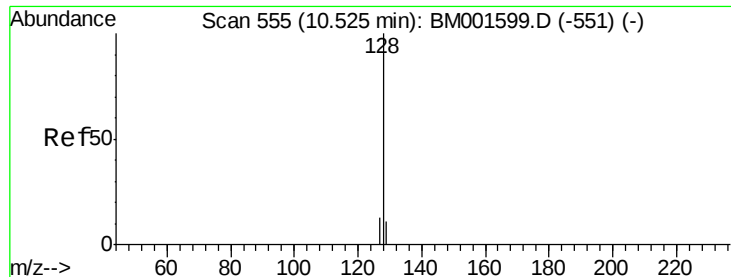


Abundance Ion 77.00 (76.70 to 77.70): BM001599.D (-419) (-)

Ion 123.00 (122.70 to 123.70): BM001599.D (-419) (-)

Ion 65.00 (64.70 to 65.70): BM001599.D (-419) (-)





#9

Naphthalene

Concen: 9.53 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

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ClientSampleId :

PB83802BS

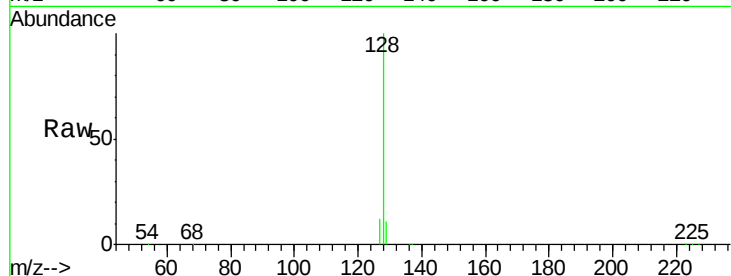
Tgt Ion:128 Resp: 163826

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

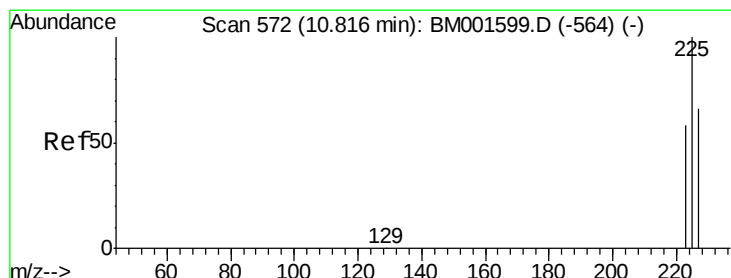
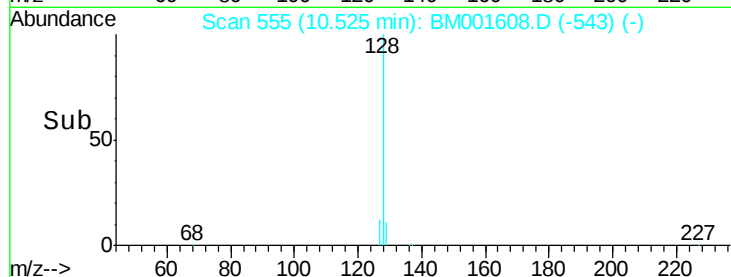
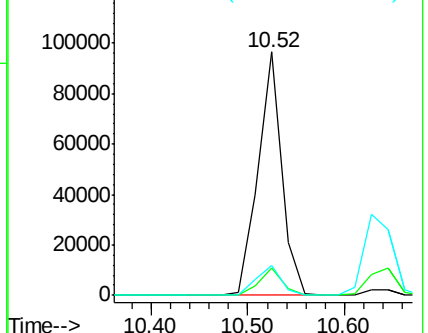
127 12.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 9.42 ng

RT: 10.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

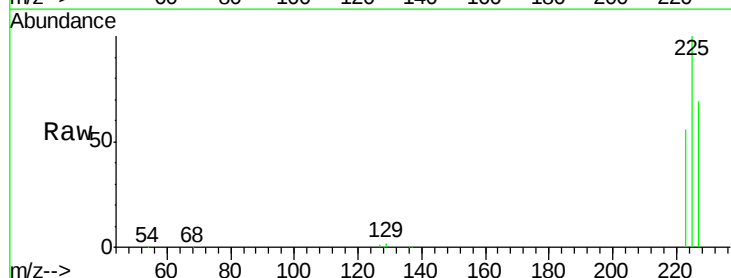
Tgt Ion:225 Resp: 27886

Ion Ratio Lower Upper

225 100

223 62.6 49.8 74.8

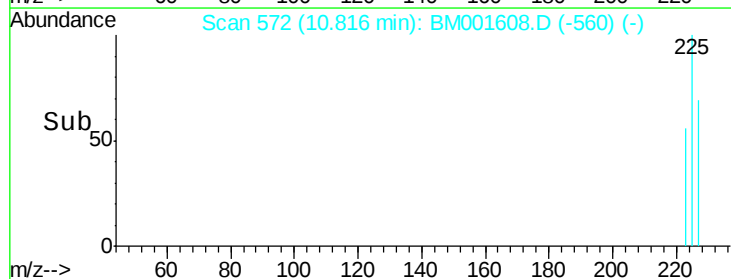
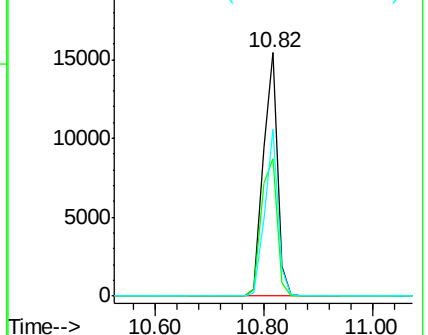
227 63.8 50.9 76.3

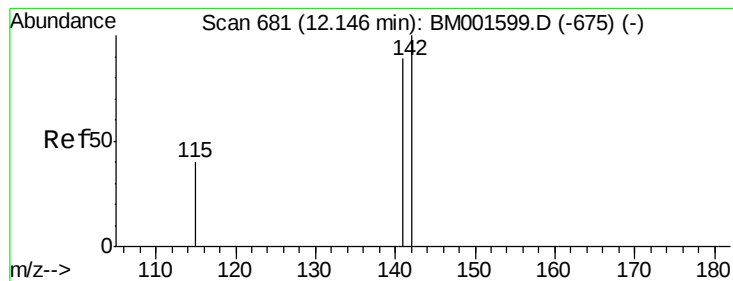


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 9.76 ng

RT: 12.15 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

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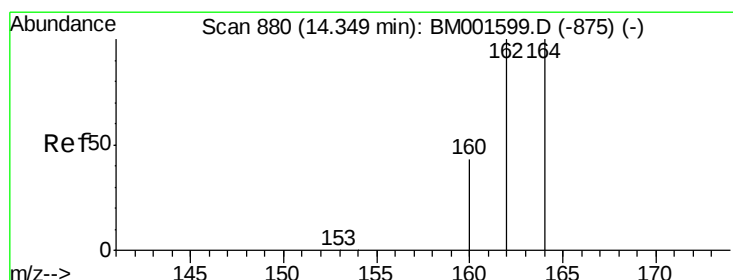
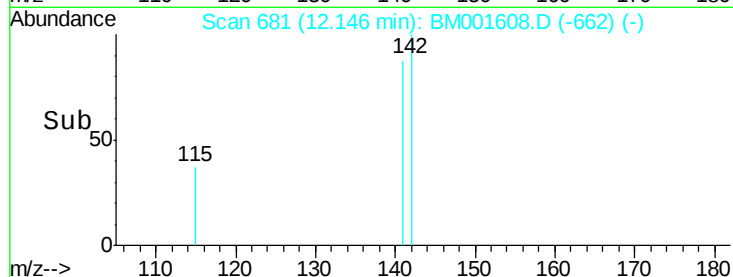
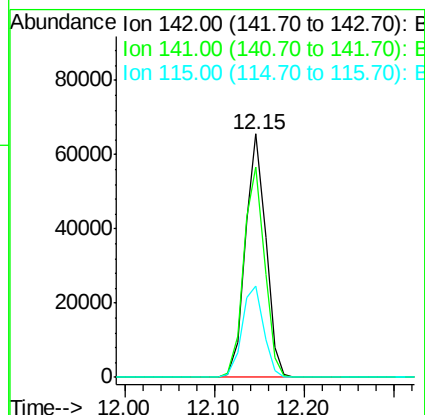
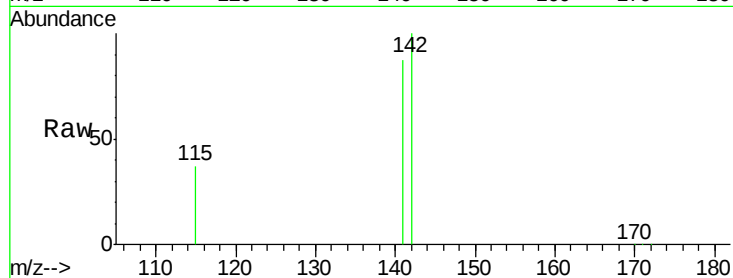
Tgt Ion:142 Resp: 102798

Ion Ratio Lower Upper

142 100

141 86.5 71.3 106.9

115 37.3 32.1 48.1



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. 0.01 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

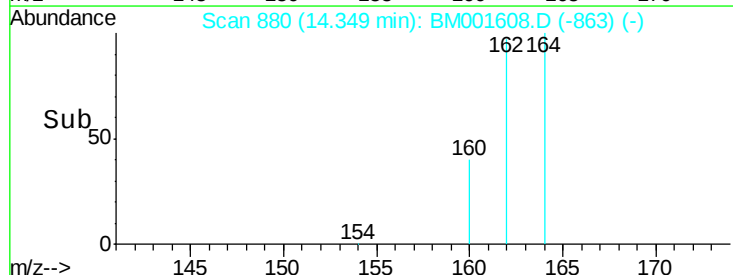
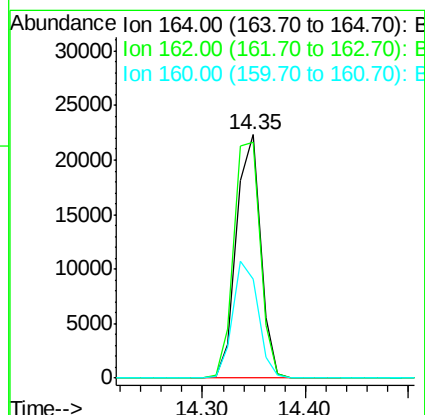
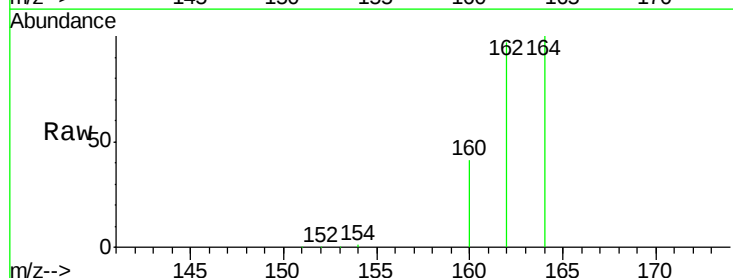
Tgt Ion:164 Resp: 35867

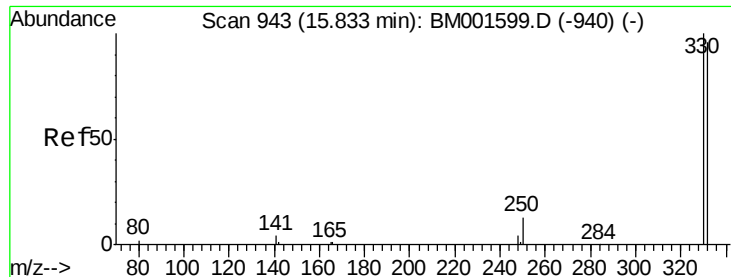
Ion Ratio Lower Upper

164 100

162 96.9 79.8 119.6

160 40.6 34.6 51.8

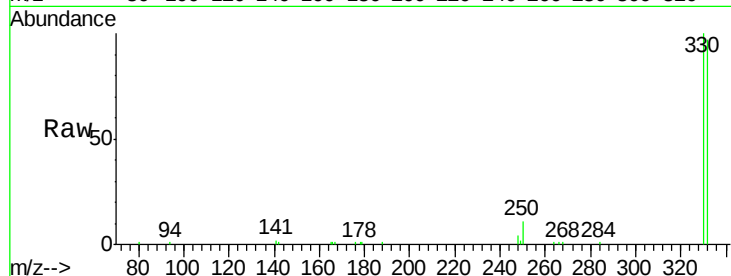




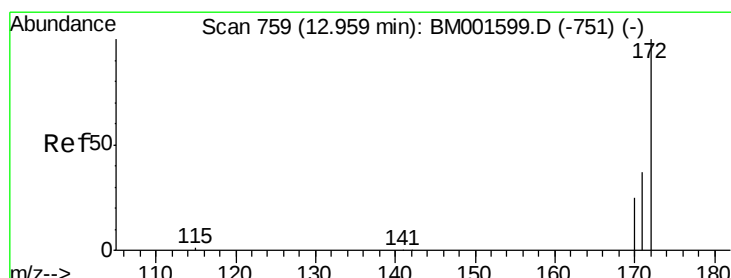
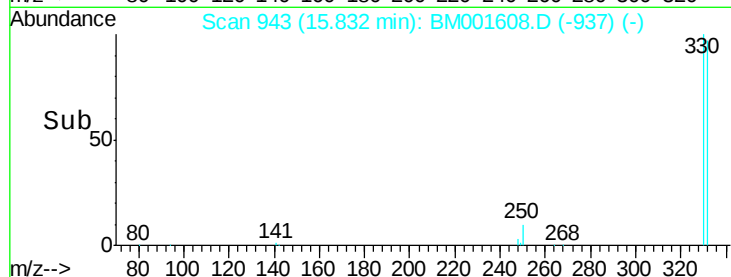
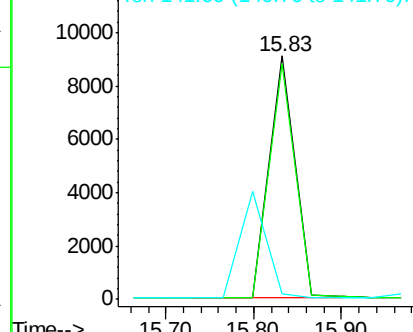
#13
 2,4,6-Tribromophenol
 Concen: 10.92 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BM001608.D
 Acq: 09 Jun 2015 06:00

Instrument :
 BNA_M
 ClientSampleId :
 PB83802BS

Tgt Ion:330 Resp: 18874
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.7 115.1
 141 0.0 0.0 0.0

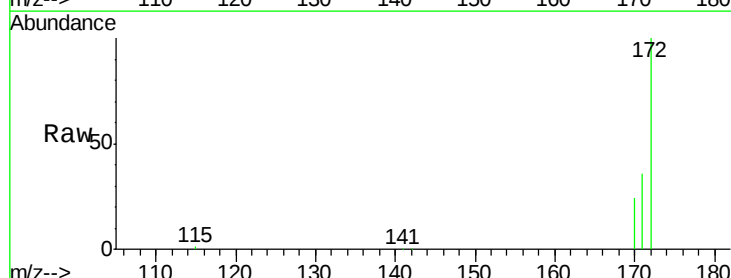


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

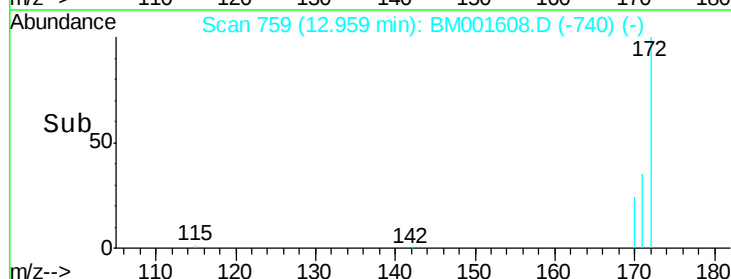
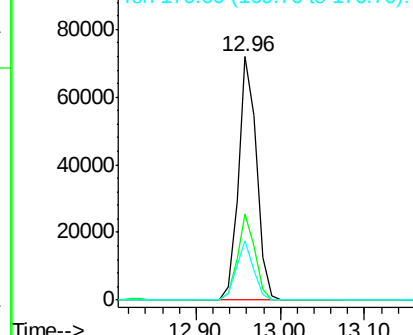


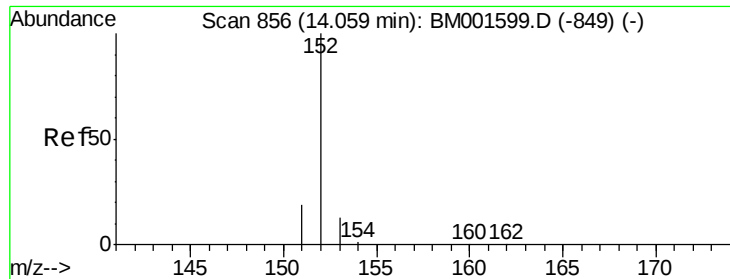
#14
 2-Fluorobiphenyl
 Concen: 9.28 ng
 RT: 12.96 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BM001608.D
 Acq: 09 Jun 2015 06:00

Tgt Ion:172 Resp: 108306
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.3 20.6 31.0



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

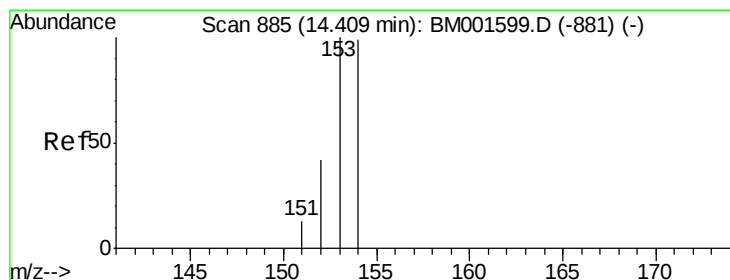
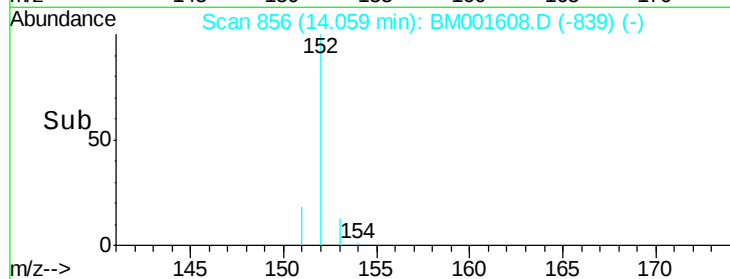
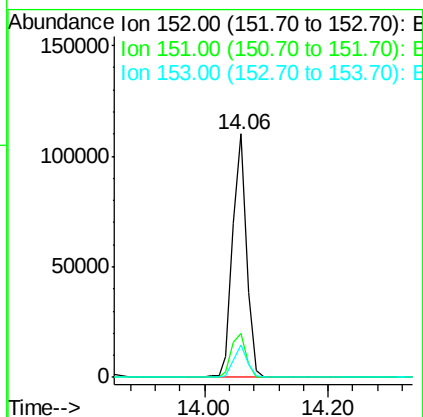
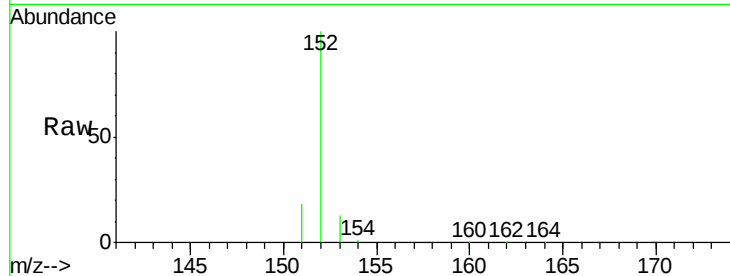




#15
Acenaphthylene
Concen: 10.50 ng
RT: 14.06 min Scan# 856
Delta R.T. 0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

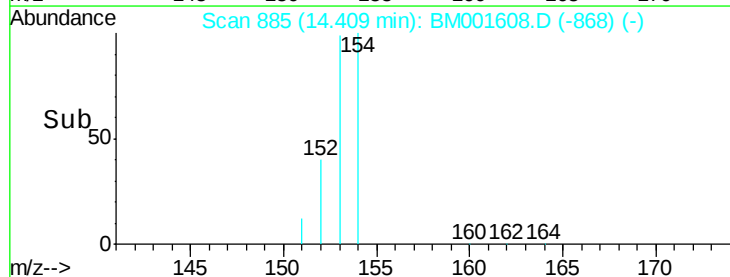
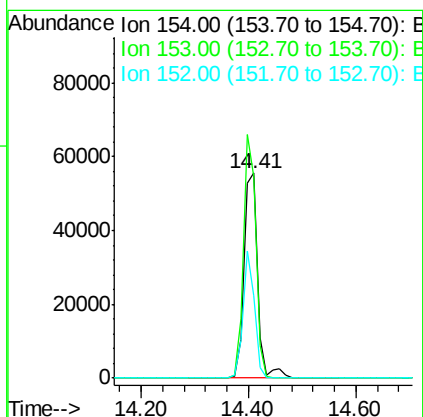
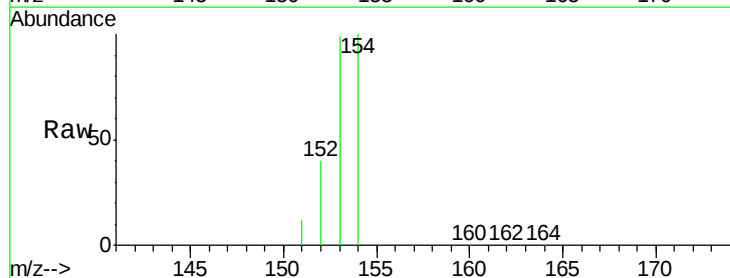
Instrument :
BNA_M
ClientSampleId :
PB83802BS

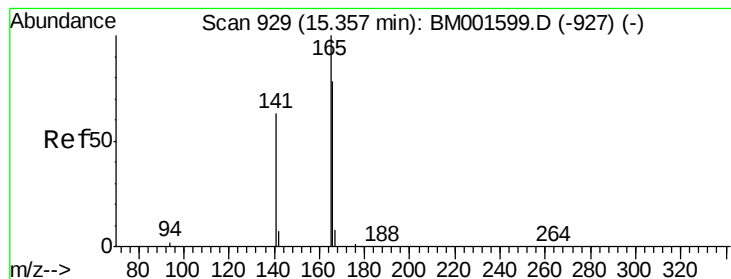
Tgt Ion:152 Resp: 168990
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 13.0 10.3 15.5



#16
Acenaphthene
Concen: 9.79 ng
RT: 14.41 min Scan# 885
Delta R.T. 0.01 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:154 Resp: 99122
Ion Ratio Lower Upper
154 100
153 107.3 89.4 134.0
152 51.8 43.6 65.4





#17

Fluorene

Concen: 9.86 ng

RT: 15.36 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS

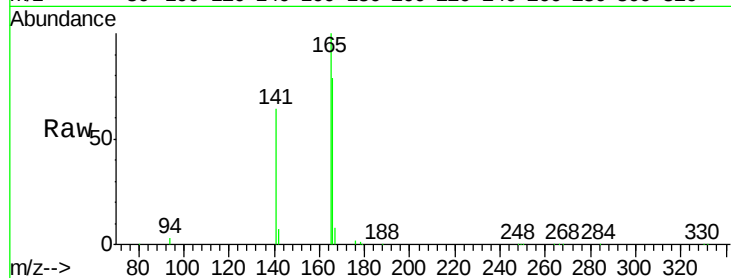
Tgt Ion:166 Resp: 67629

Ion Ratio Lower Upper

166 100

165 112.7 87.8 131.8

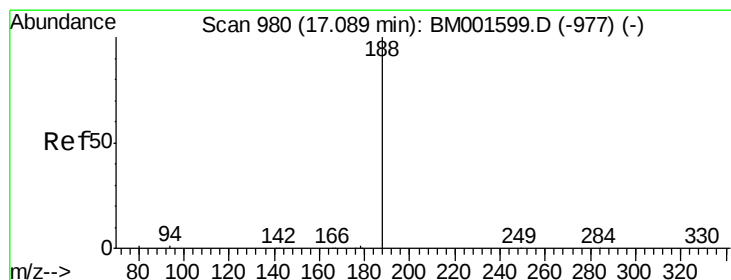
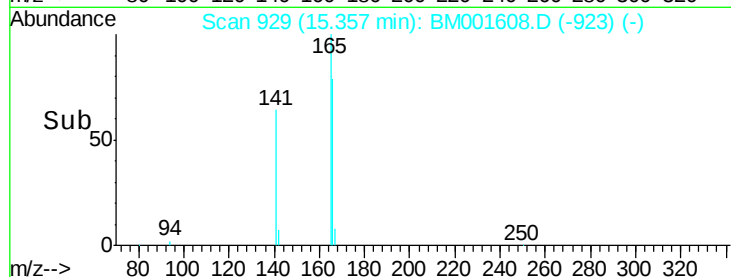
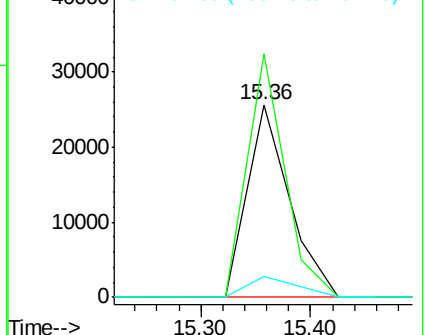
167 12.2 10.0 15.0



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: 17.09 min Scan# 980

Delta R.T. 0.03 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

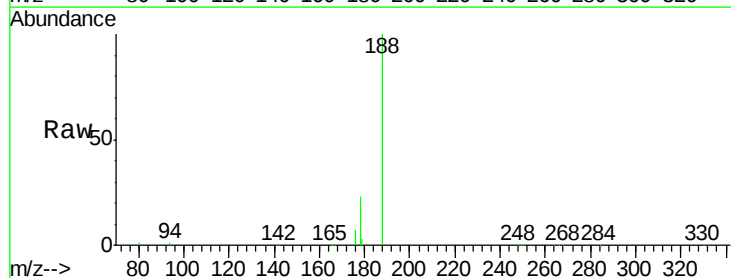
Tgt Ion:188 Resp: 41907

Ion Ratio Lower Upper

188 100

94 0.7 1.0 1.6#

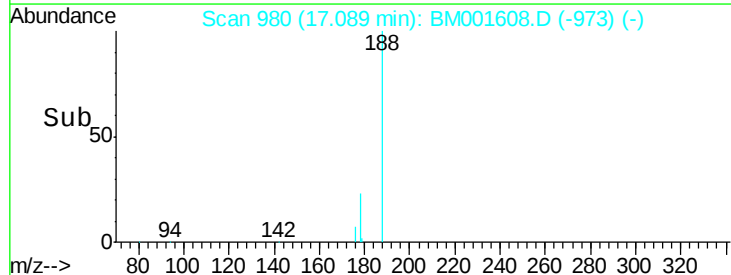
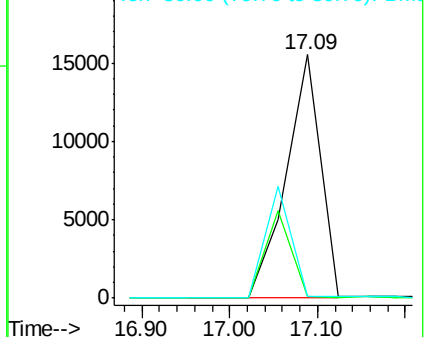
80 0.7 1.0 1.4#

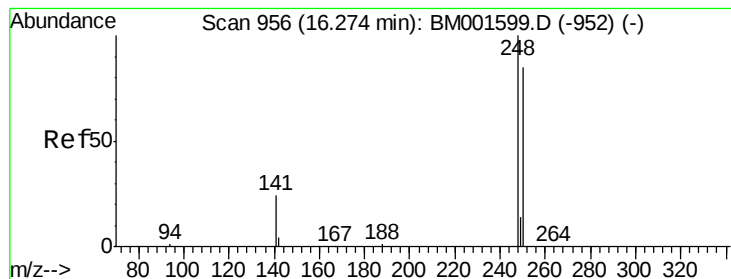


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 11.20 ng

RT: 16.27 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS

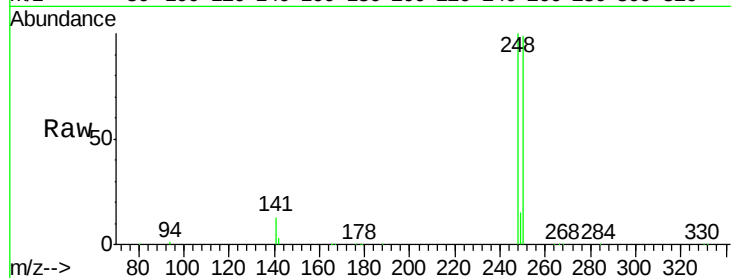
Tgt Ion:248 Resp: 44506

Ion Ratio Lower Upper

248 100

250 99.4 68.6 103.0

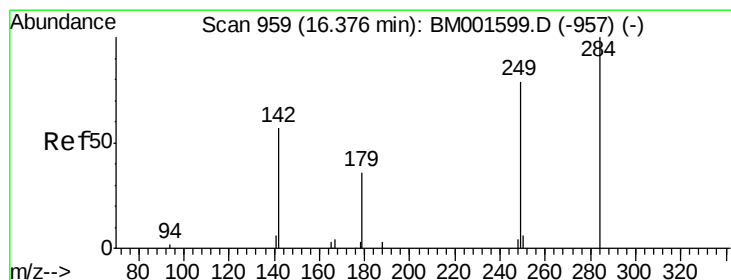
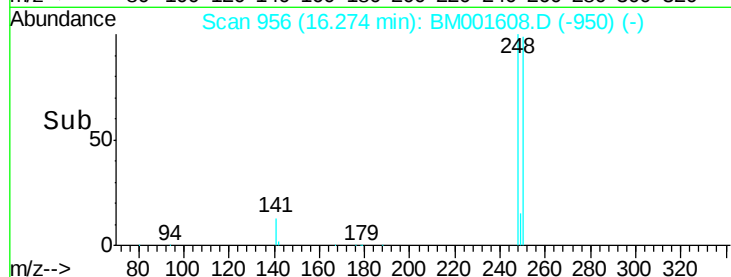
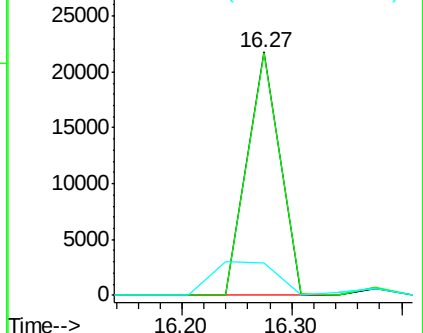
141 0.0 25.5 38.3#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 11.91 ng

RT: 16.38 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

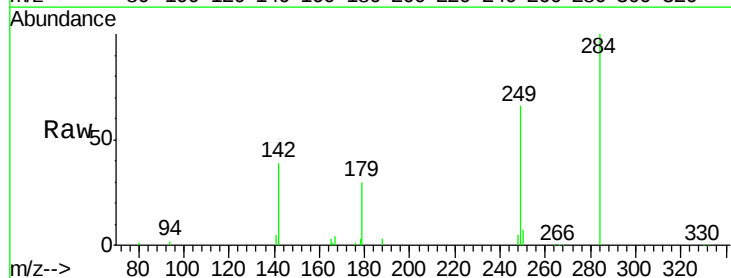
Tgt Ion:284 Resp: 25881

Ion Ratio Lower Upper

284 100

142 41.7 47.3 70.9#

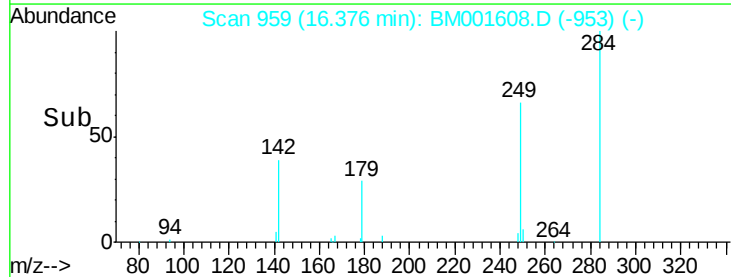
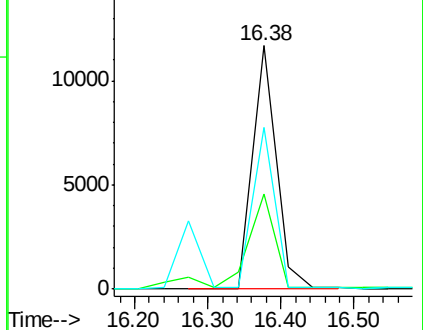
249 61.0 75.8 113.6#

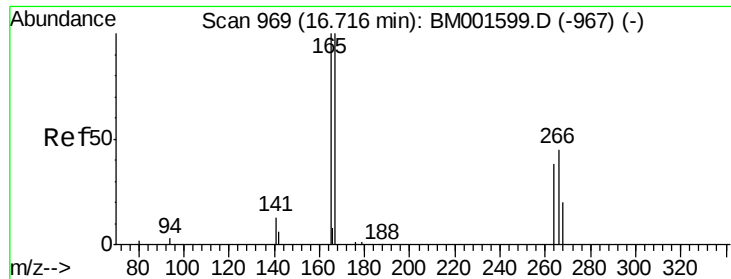


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

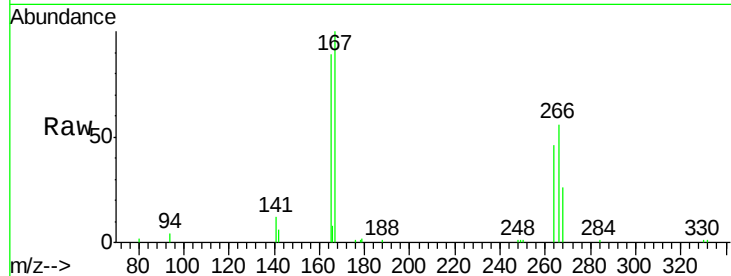




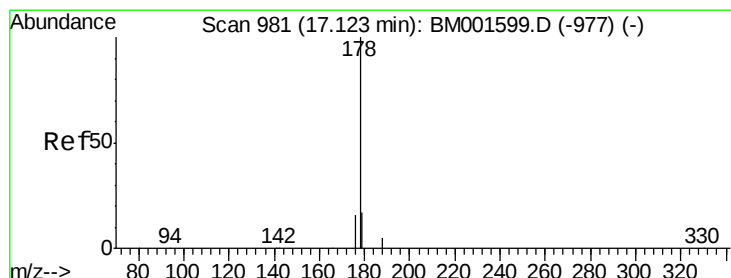
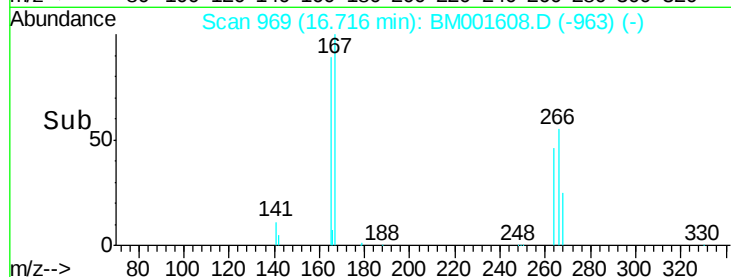
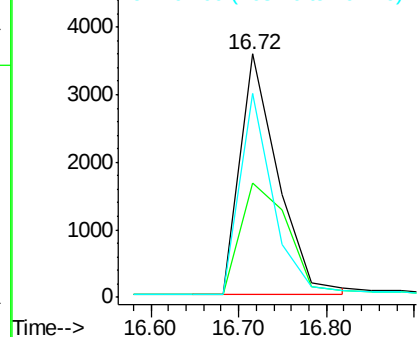
#21
 Pentachlorophenol
 Concen: 14.85 ng
 RT: 16.72 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM001608.D
 Acq: 09 Jun 2015 06:00

Instrument :
 BNA_M
 ClientSampleId :
 PB83802BS

Tgt Ion: 266 Resp: 10801
 Ion Ratio Lower Upper
 266 100
 268 46.7 45.8 68.8
 264 83.5 70.6 106.0

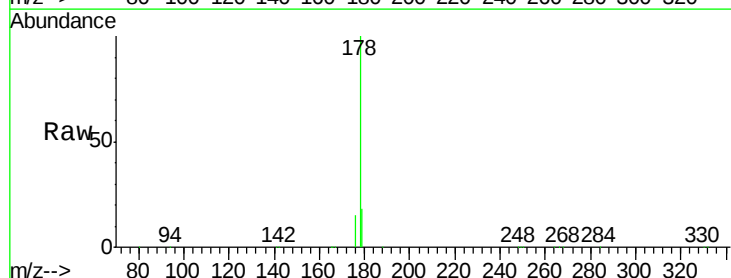


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

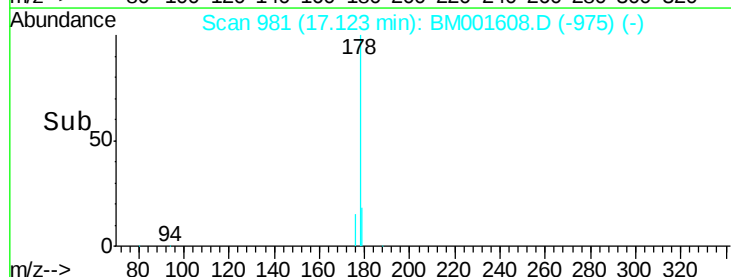
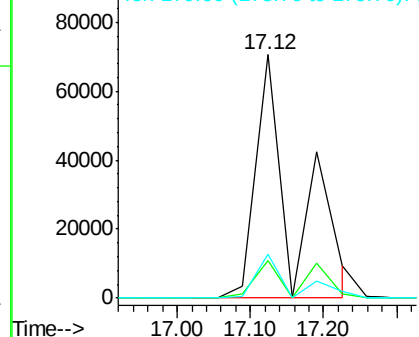


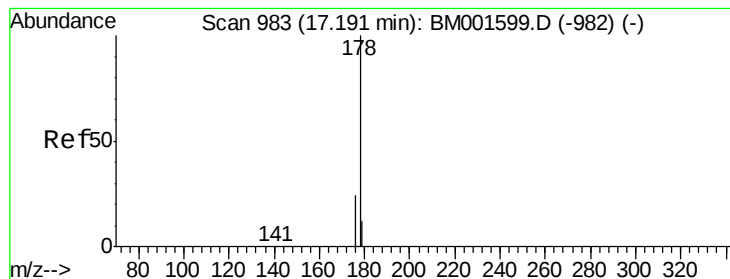
#22
 Phenanthrene
 Concen: 17.15 ng
 RT: 17.12 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BM001608.D
 Acq: 09 Jun 2015 06:00

Tgt Ion: 178 Resp: 256709
 Ion Ratio Lower Upper
 178 100
 176 18.4 13.2 19.8
 179 15.9 13.8 20.8



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: 27.97 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS

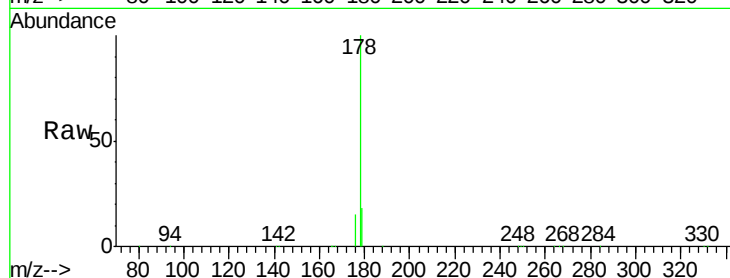
Tgt Ion:178 Resp: 248245

Ion Ratio Lower Upper

178 100

176 18.0 21.9 32.9#

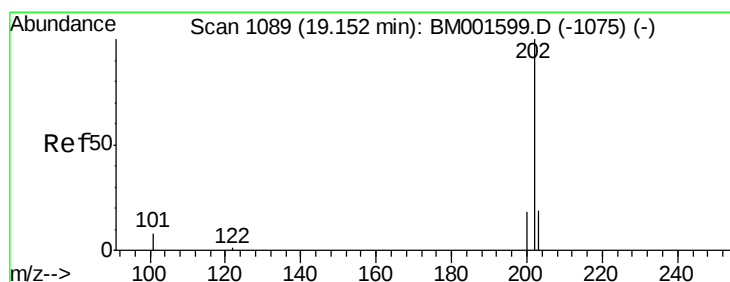
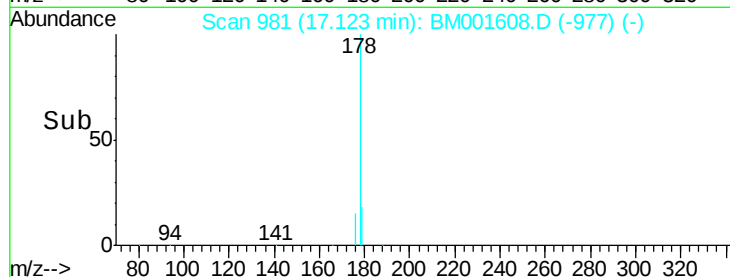
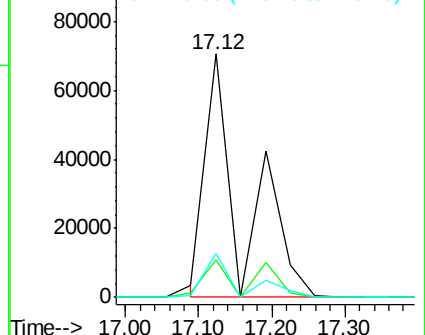
179 16.1 23.0 34.4#



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: 11.16 ng

RT: 19.14 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

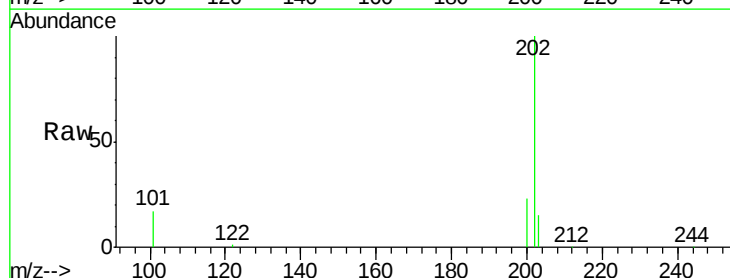
Tgt Ion:202 Resp: 180886

Ion Ratio Lower Upper

202 100

101 13.3 10.4 15.6

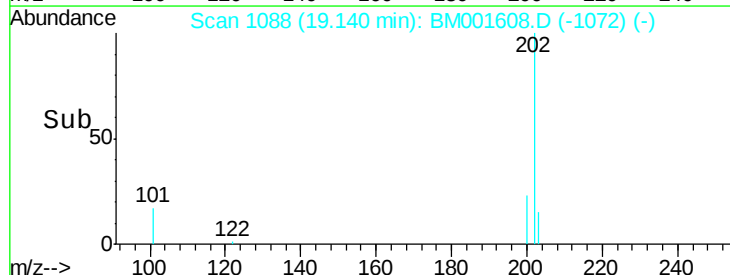
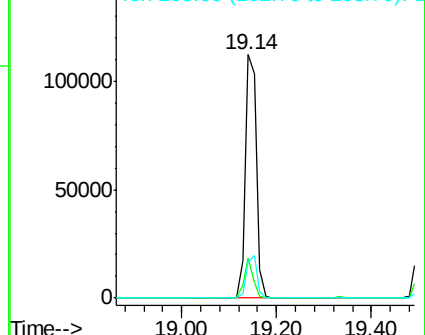
203 17.2 13.8 20.6

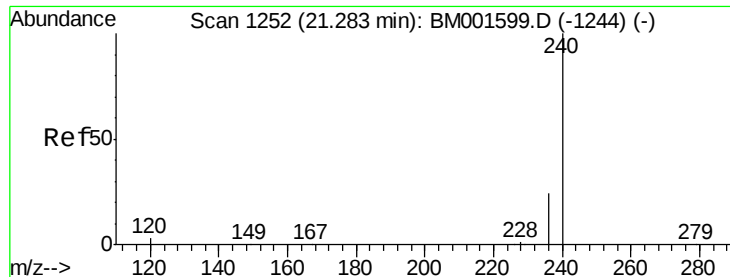


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

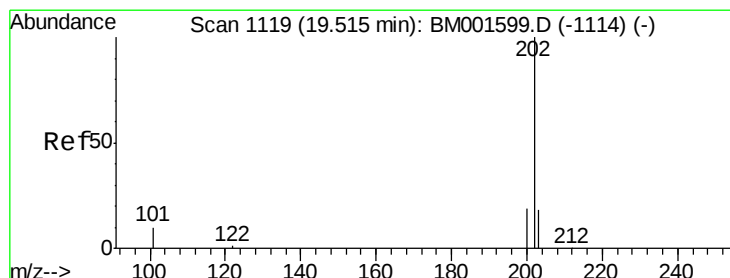
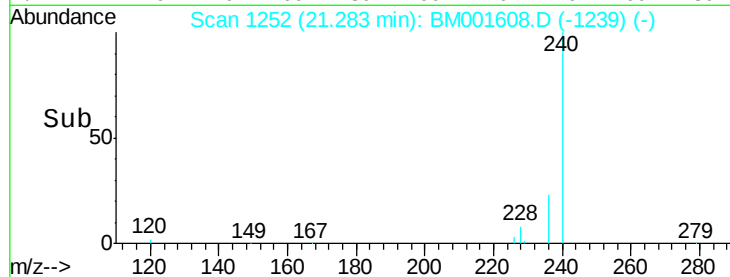
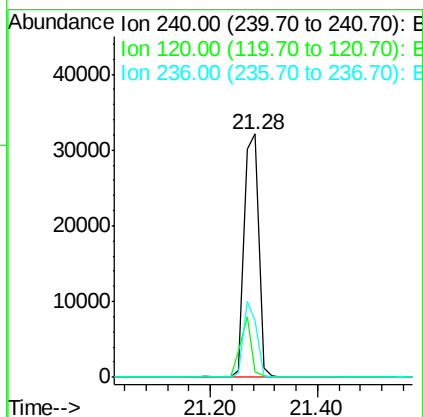
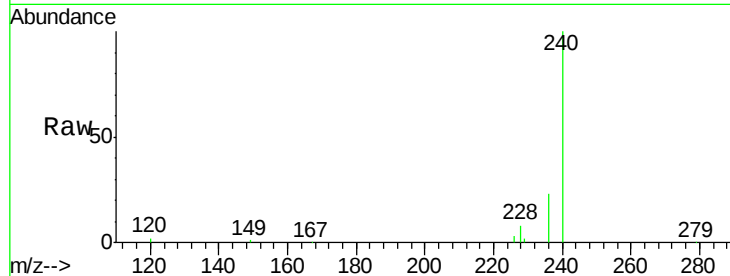




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

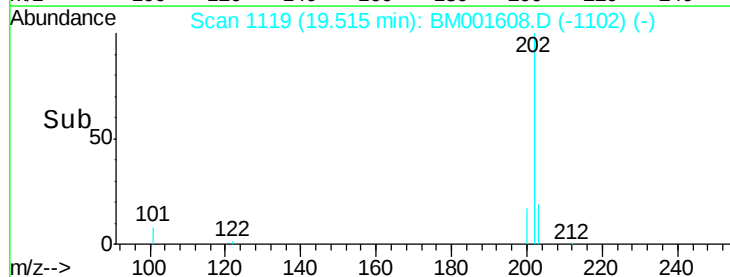
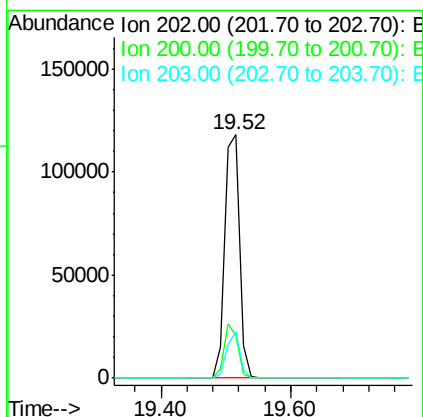
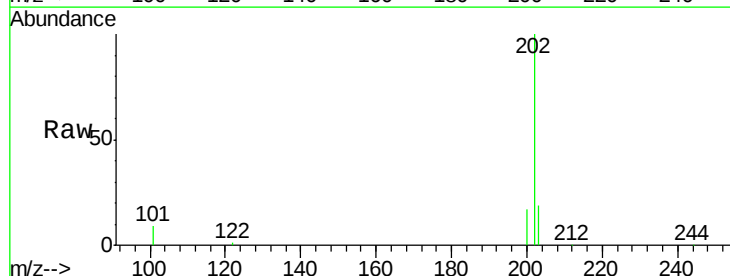
Instrument :
BNA_M
ClientSampleId :
PB83802BS

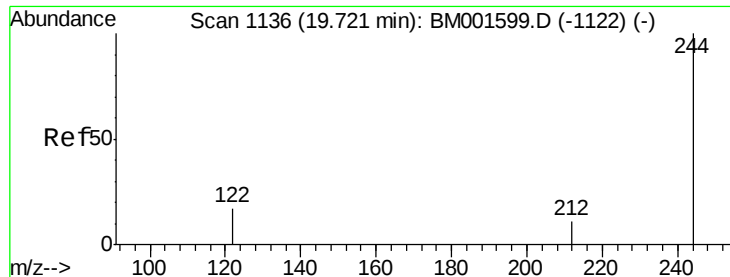
Tgt Ion:240 Resp: 60051
Ion Ratio Lower Upper
240 100
120 2.1 2.2 3.4#
236 23.1 19.6 29.4



#26
Pyrene
Concen: 9.83 ng
RT: 19.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM001608.D
Acq: 09 Jun 2015 06:00

Tgt Ion:202 Resp: 191243
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 17.3 14.0 21.0





#27

Terphenyl-d14

Concen: 9.62 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS

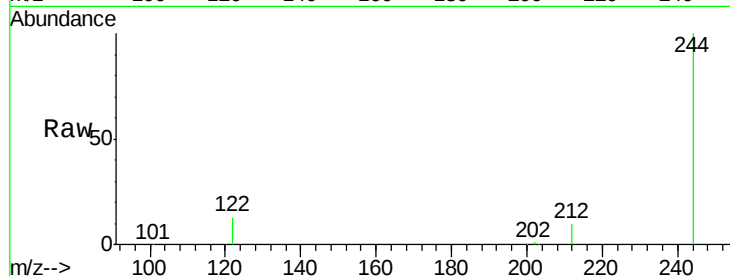
Tgt Ion:244 Resp: 75387

Ion Ratio Lower Upper

244 100

212 10.1 9.2 13.8

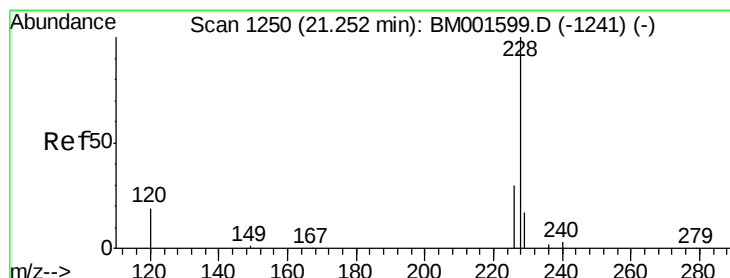
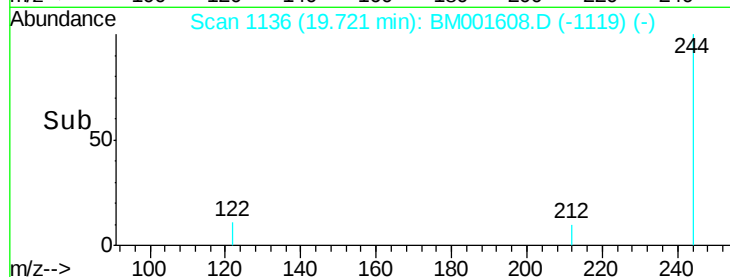
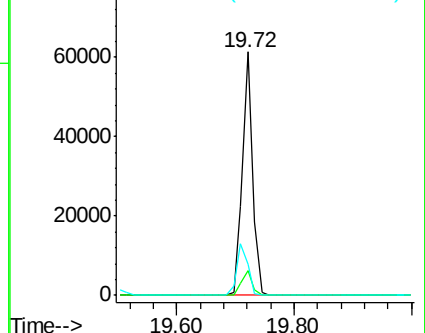
122 12.6 14.5 21.7#



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: 9.83 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

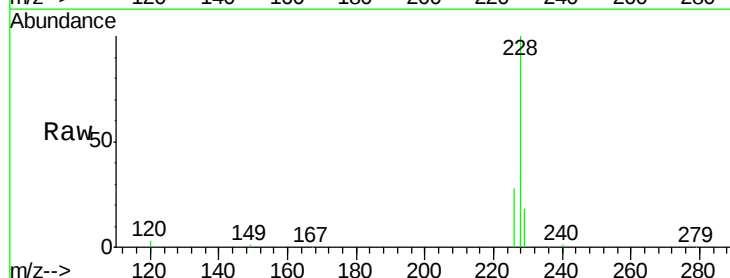
Tgt Ion:228 Resp: 172422

Ion Ratio Lower Upper

228 100

226 27.7 24.6 37.0

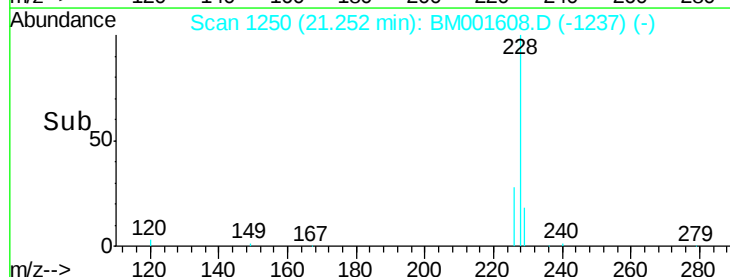
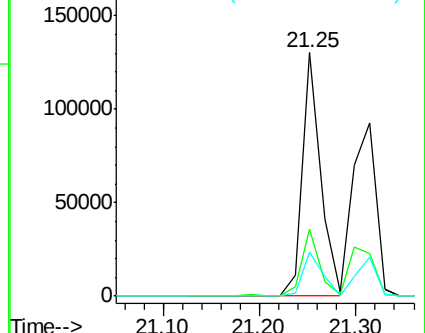
229 18.0 13.8 20.8

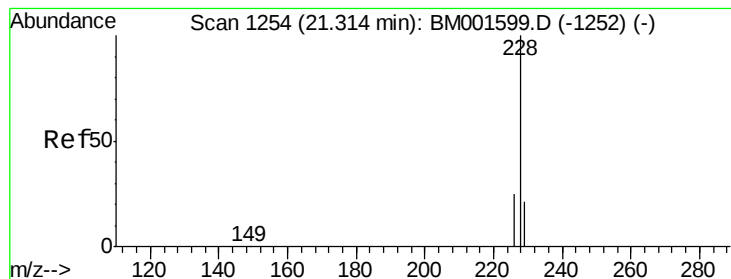


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 9.36 ng

RT: 21.31 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS

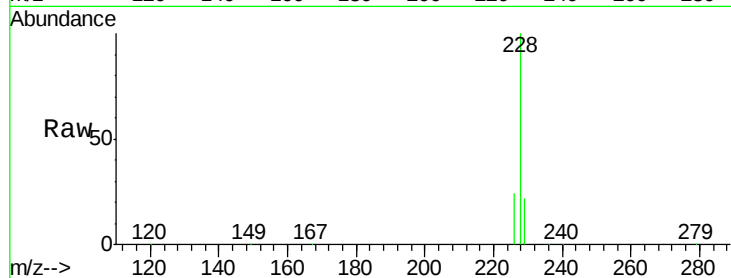
Tgt Ion: 228 Resp: 155112

Ion Ratio Lower Upper

228 100

226 24.5 20.6 31.0

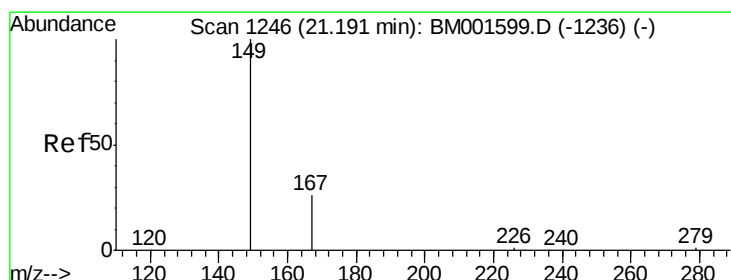
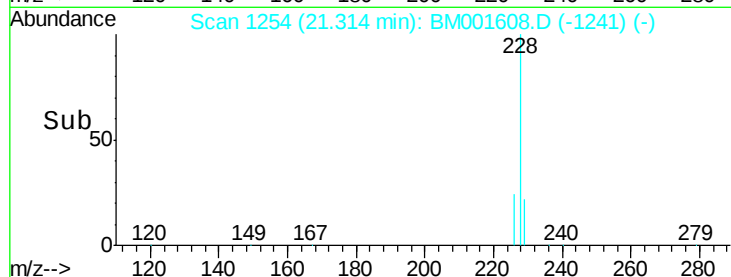
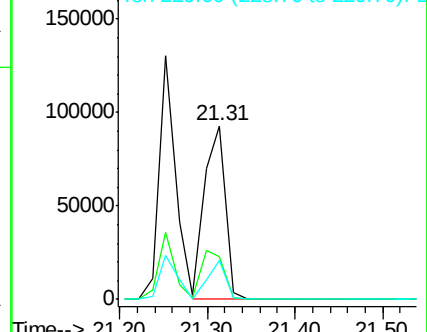
229 22.2 17.4 26.2



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: 11.25 ng

RT: 21.19 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

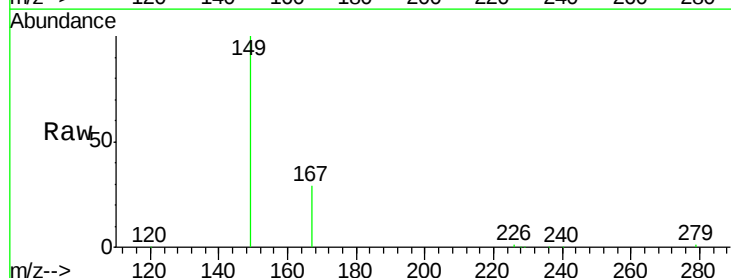
Tgt Ion: 149 Resp: 114024

Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

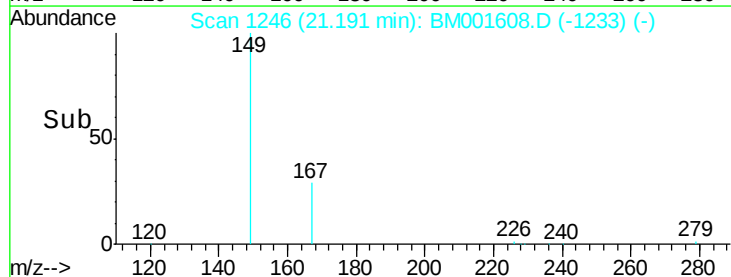
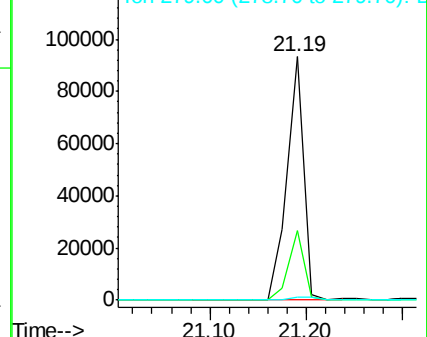
279 2.0 1.7 2.5

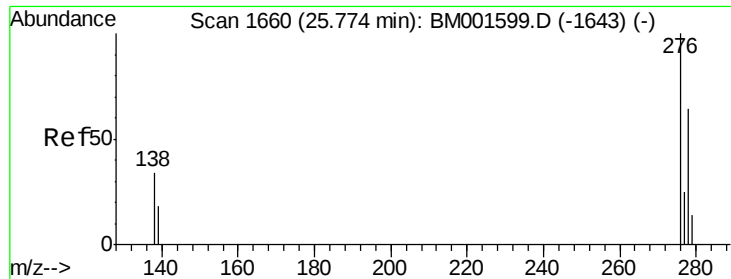


Abundance Ion 149.00 (148.70 to 149.70): E

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: 9.67 ng

RT: 25.76 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS

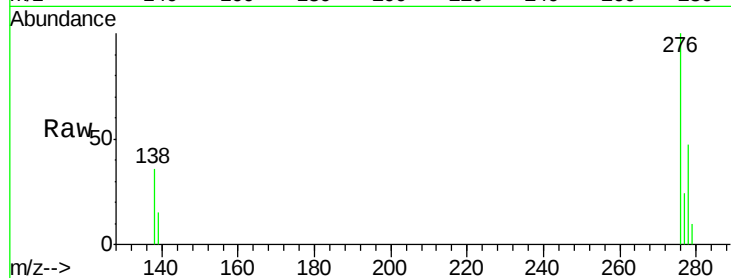
Tgt Ion: 276 Resp: 162899

Ion Ratio Lower Upper

276 100

138 36.4 28.2 42.2

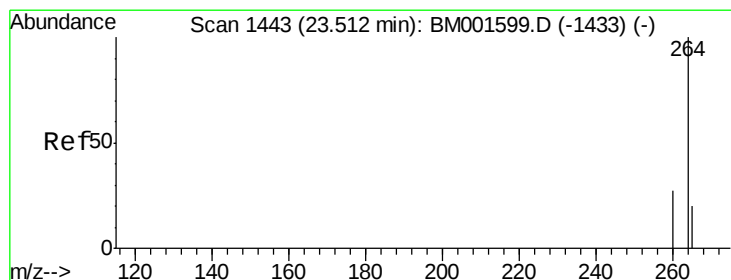
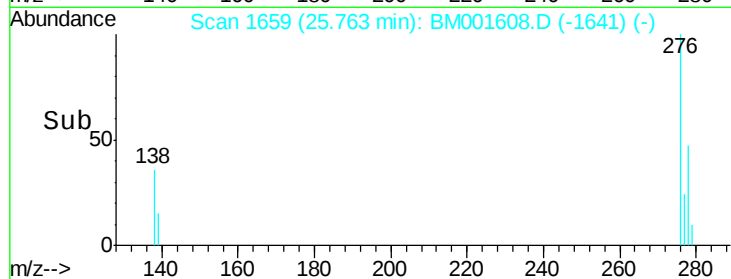
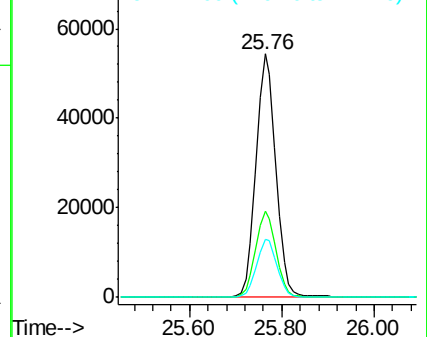
277 24.5 19.4 29.2



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: 23.51 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

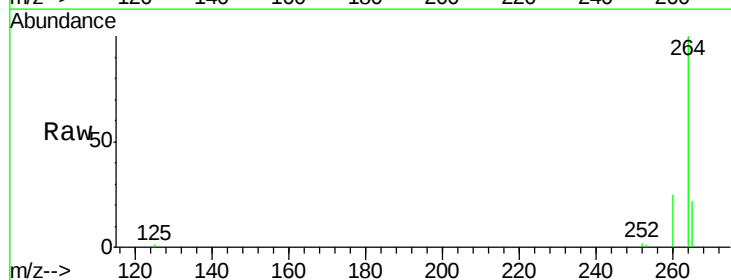
Tgt Ion: 264 Resp: 54181

Ion Ratio Lower Upper

264 100

260 25.1 21.8 32.6

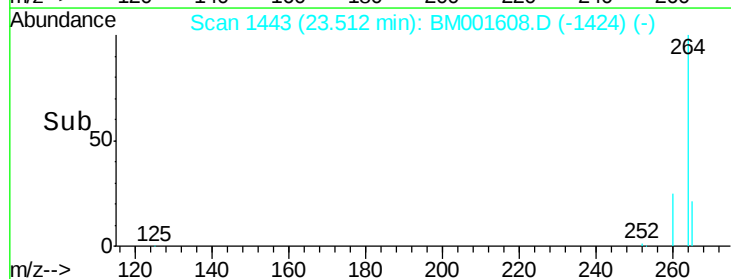
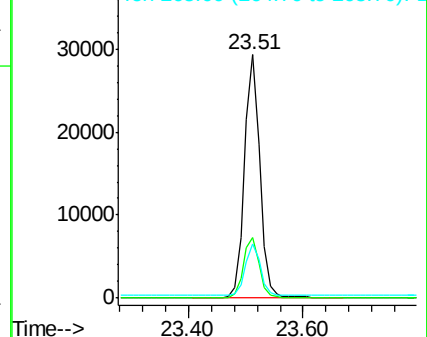
265 22.0 16.8 25.2

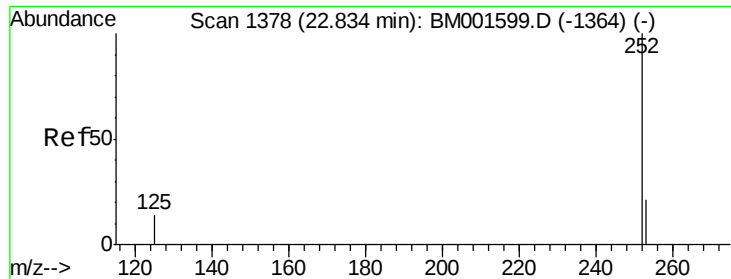


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 9.75 ng

RT: 22.83 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS

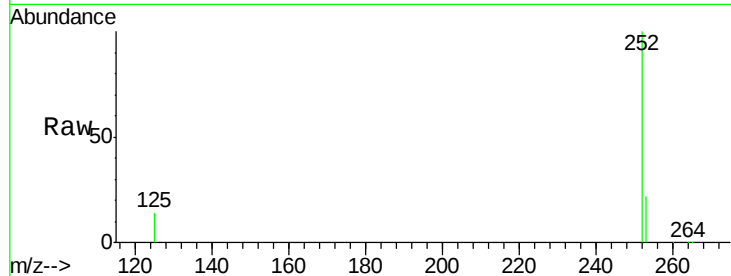
Tgt Ion:252 Resp: 158849

Ion Ratio Lower Upper

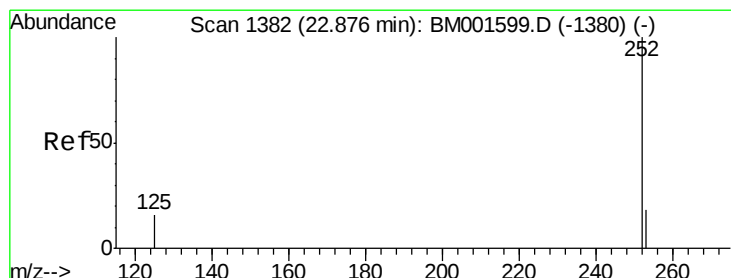
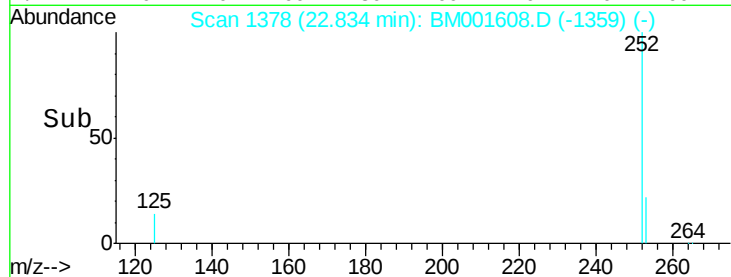
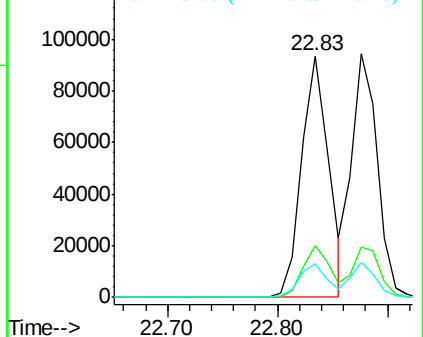
252 100

253 21.6 17.6 26.4

125 13.9 12.4 18.6



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



#34

Benzo(k)fluoranthene

Concen: 9.71 ng

RT: 22.88 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

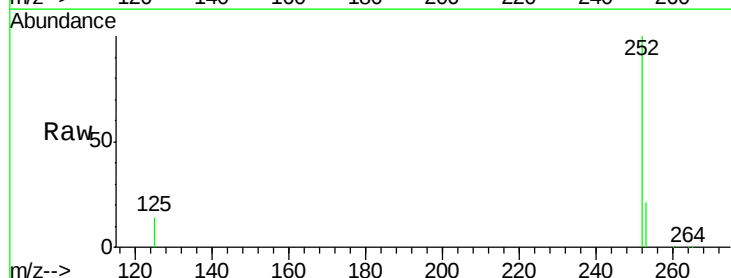
Tgt Ion:252 Resp: 152557

Ion Ratio Lower Upper

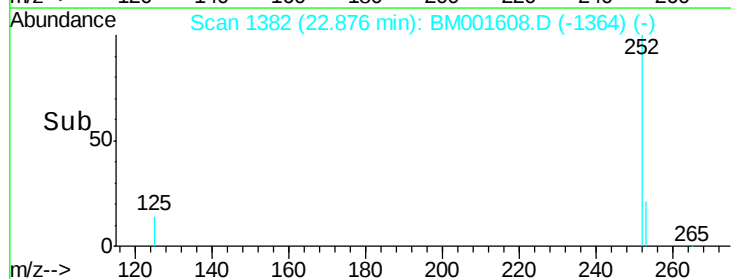
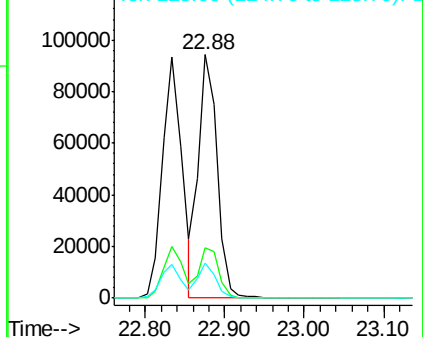
252 100

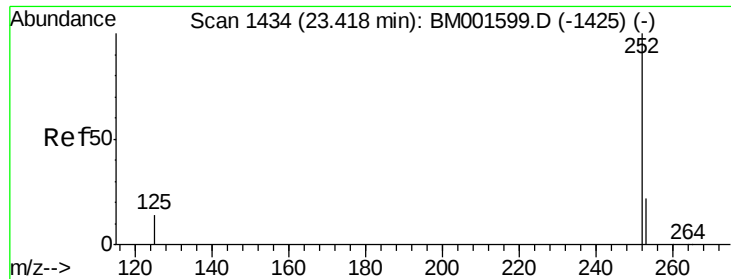
253 20.7 17.1 25.7

125 14.3 12.8 19.2



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





#35

Benzo(a)pyrene

Concen: 9.87 ng

RT: 23.41 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS

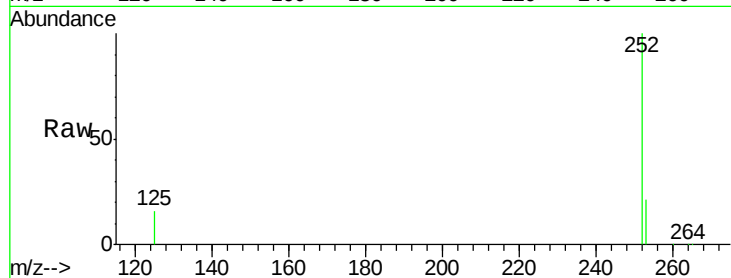
Tgt Ion: 252 Resp: 142031

Ion Ratio Lower Upper

252 100

253 21.0 19.4 29.0

125 15.8 13.0 19.6

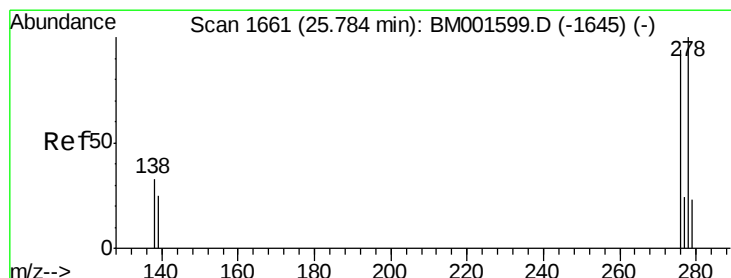
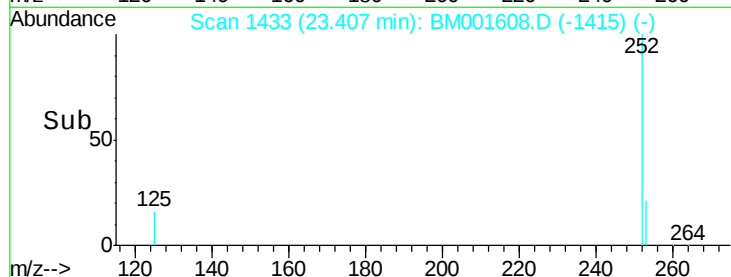
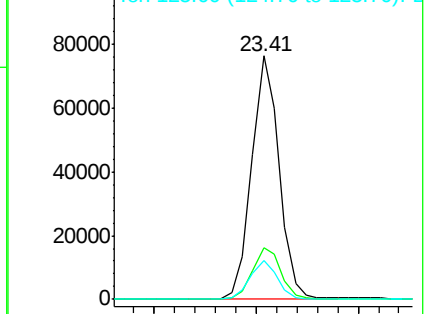


Abundance

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



#36

Dibenzo(a,h)anthracene

Concen: 9.63 ng

RT: 25.78 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BM001608.D

Acq: 09 Jun 2015 06:00

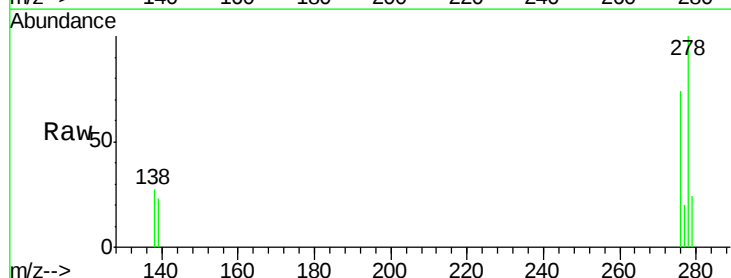
Tgt Ion: 278 Resp: 126681

Ion Ratio Lower Upper

278 100

139 23.0 20.6 31.0

279 23.7 19.7 29.5

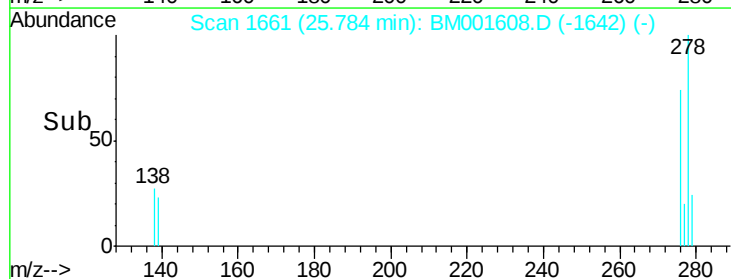
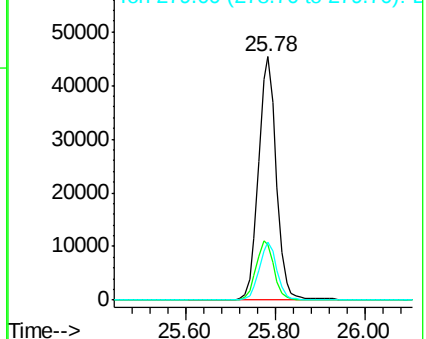


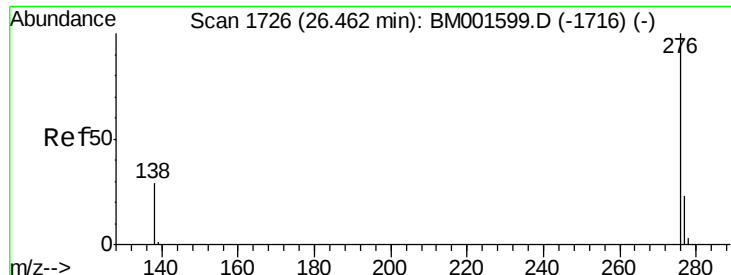
Abundance

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(g,h,i)perylene

Concen: 9.28 ng

RT: 26.46 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BM001608.D

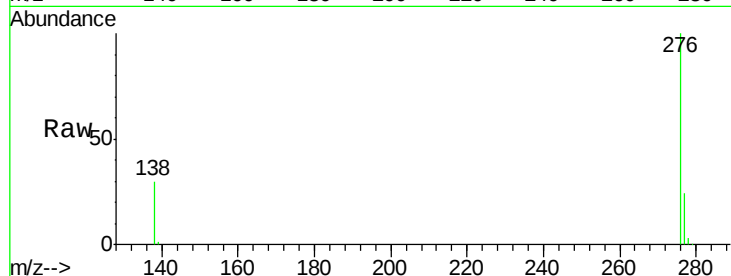
Acq: 09 Jun 2015 06:00

Instrument :

BNA_M

ClientSampleId :

PB83802BS



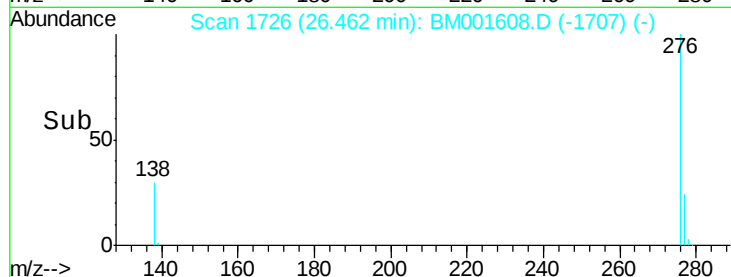
Tgt Ion: 276 Resp: 131599

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 29.7 24.5 36.7



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

