

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
 Data File : BM001609.D
 Acq On : 09 Jun 2015 06:36
 Operator : TP/IZ
 Sample : PB83802BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83802BSD

Quant Time: Jun 09 18:16:01 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

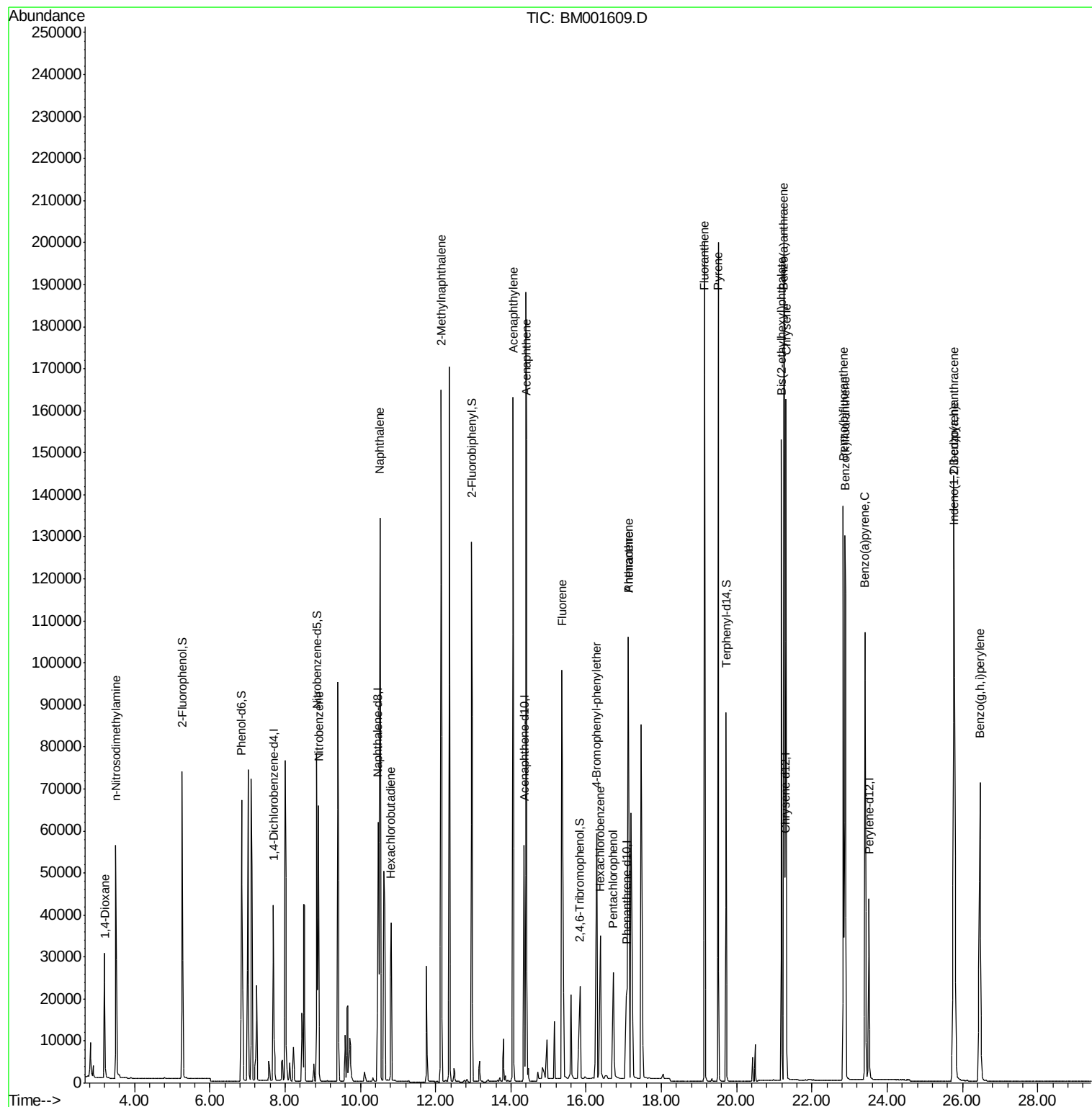
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	22432	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	81517	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	38493	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	42266	5.00	ng	0.03
25) Chrysene-d12	21.28	240	63277	5.00	ng	0.00
32) Perylene-d12	23.51	264	55124	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	52963	10.38	ng	-0.02
5) Phenol-d6	6.84	99	68164	10.87	ng	-0.02
7) Nitrobenzene-d5	8.85	82	63800	11.11	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	21181	11.41	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	121422	9.69	ng	0.00
27) Terphenyl-d14	19.72	244	85217	10.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	21091	8.54	ng	92
3) n-Nitrosodimethylamine	3.51	42	36343	10.30	ng	99
8) Nitrobenzene	8.89	77	69709	11.30	ng	98
9) Naphthalene	10.52	128	181424	9.94	ng	99
10) Hexachlorobutadiene	10.82	225	30510	9.71	ng	99
11) 2-Methylnaphthalene	12.15	142	114759	10.27	ng	96
15) Acenaphthylene	14.06	152	189905	10.99	ng	100
16) Acenaphthene	14.41	154	111755	10.28	ng	96
17) Fluorene	15.36	166	76343	10.37	ng	97
19) 4-Bromophenyl-phenylether	16.27	248	52833	13.18	ng	# 89
20) Hexachlorobenzene	16.38	284	28084	12.81	ng	# 73
21) Pentachlorophenol	16.72	266	12344	16.83	ng	91
22) Phenanthrene	17.12	178	285344	18.91	ng	96
23) Anthracene	17.12	178	275426	30.77	ng	# 79
24) Fluoranthene	19.14	202	204804	12.53	ng	100
26) Pyrene	19.52	202	215883	10.53	ng	99
28) Benzo(a)anthracene	21.25	228	187145	10.13	ng	98
29) Chrysene	21.31	228	169014	9.67	ng	99
30) Bis(2-ethylhexyl)phthalate	21.19	149	134862	12.63	ng	98
31) Indeno(1,2,3-cd)pyrene	25.76	276	170735	9.62	ng	99
33) Benzo(b)fluoranthene	22.83	252	169093	10.20	ng	98
34) Benzo(k)fluoranthene	22.88	252	164019	10.26	ng	97
35) Benzo(a)pyrene	23.41	252	151088	10.32	ng	96
36) Dibenzo(a,h)anthracene	25.78	278	133593	9.99	ng	96
37) Benzo(g,h,i)perylene	26.46	276	137775	9.55	ng	99

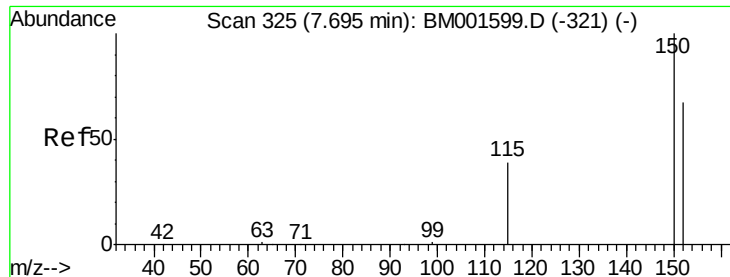
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
Data File : BM001609.D
Acq On : 09 Jun 2015 06:36
Operator : TP/IZ
Sample : PB83802BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Quant Time: Jun 09 18:16:01 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.70 min Scan# 325

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

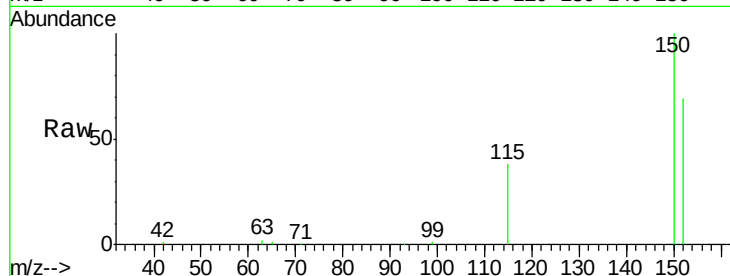
Tgt Ion:152 Resp: 22432

Ion Ratio Lower Upper

152 100

150 145.1 120.1 180.1

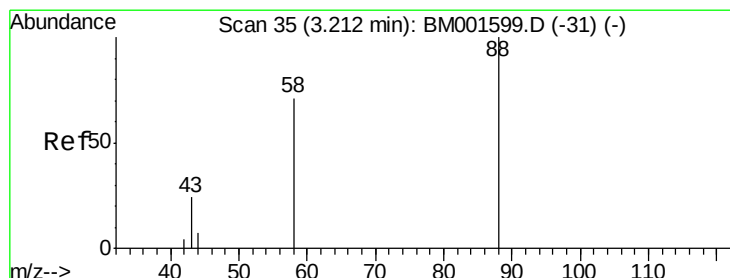
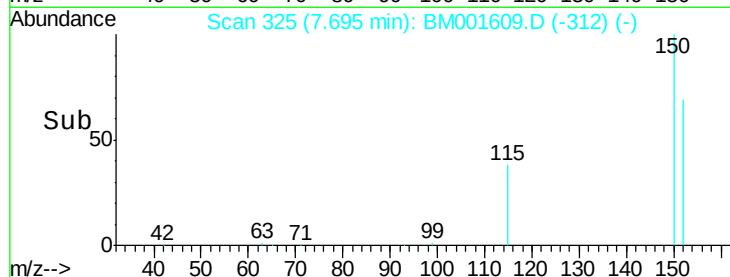
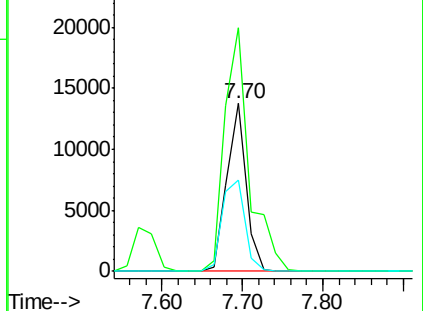
115 54.8 47.0 70.6



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: 8.54 ng

RT: 3.21 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

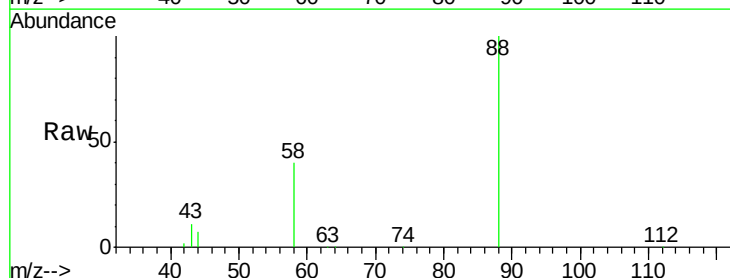
Tgt Ion: 88 Resp: 21091

Ion Ratio Lower Upper

88 100

58 90.9 65.5 98.3

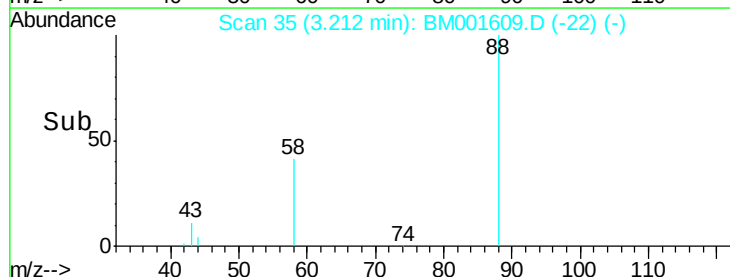
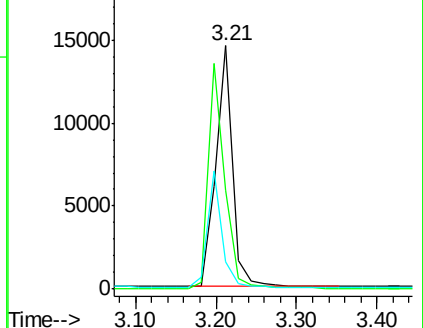
43 41.8 32.2 48.2

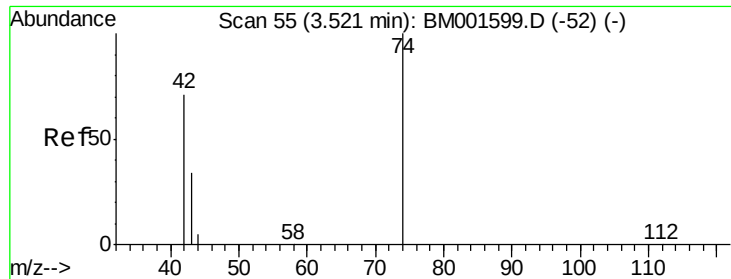


Abundance Ion 88.00 (87.70 to 88.70): BM

Ion 58.00 (57.70 to 58.70): BM

Ion 43.00 (42.70 to 43.70): BM





#3

n-Nitrosodimethylamine

Concen: 10.30 ng

RT: 3.51 min Scan# 54

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

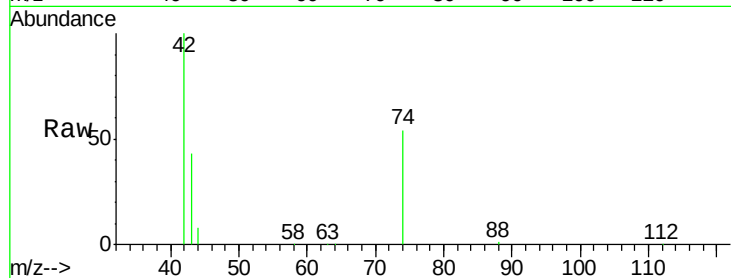
Tgt Ion: 42 Resp: 36343

Ion Ratio Lower Upper

42 100

74 98.8 79.5 119.3

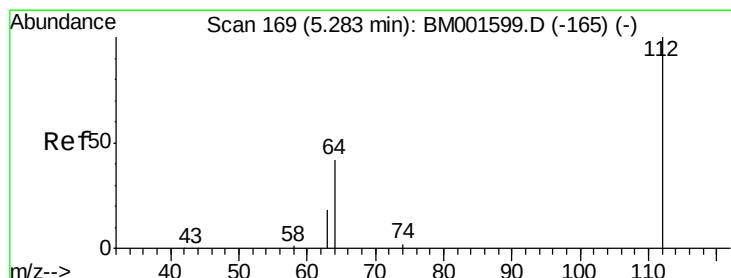
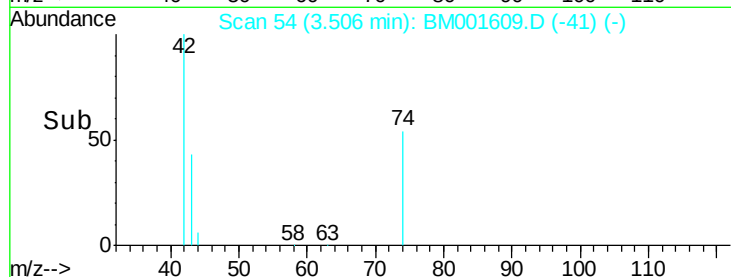
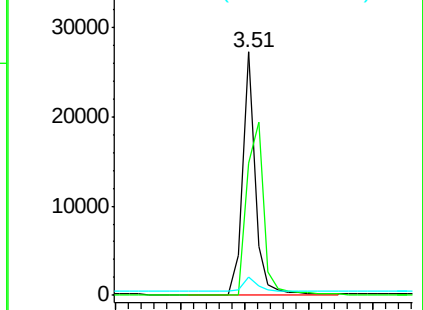
44 6.2 5.7 8.5



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: 10.38 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.02 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

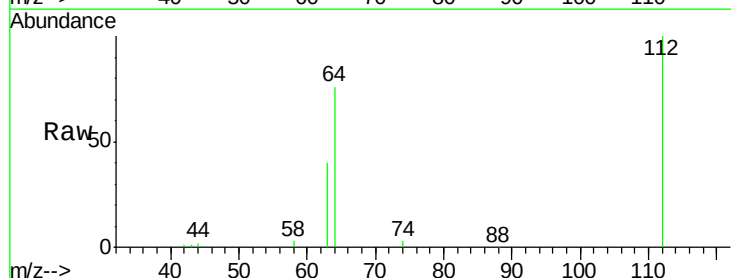
Tgt Ion: 112 Resp: 52963

Ion Ratio Lower Upper

112 100

64 68.3 54.8 82.2

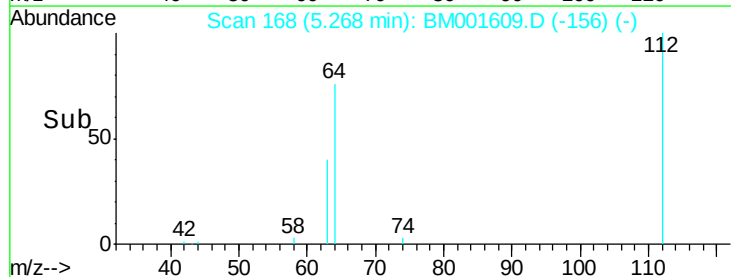
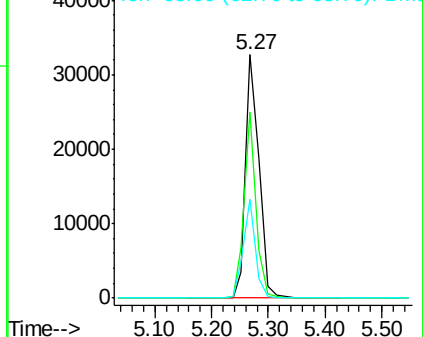
63 37.1 30.5 45.7

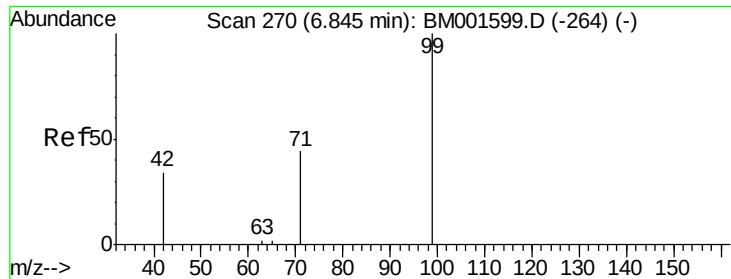


Abundance Ion 112.00 (111.70 to 112.70): BM001599.D (-165) (-)

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: 10.87 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.02 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

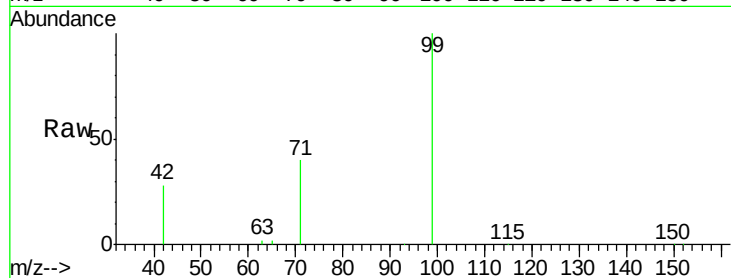
Tgt Ion: 99 Resp: 68164

Ion Ratio Lower Upper

99 100

42 26.3 21.6 32.4

71 35.7 28.7 43.1

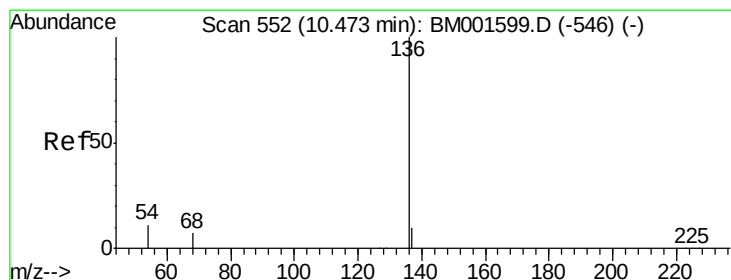
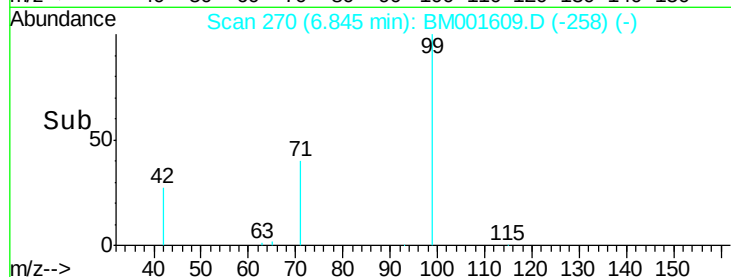
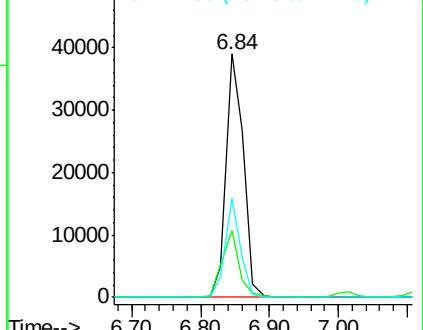


Abundance

Ion 99.00 (98.70 to 99.70): BM001609.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM001609.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM001609.D (-258) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Tgt Ion: 136 Resp: 81517

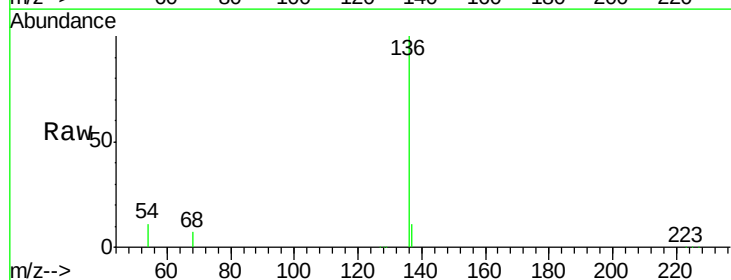
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 10.5 9.2 13.8

68 6.6 5.5 8.3



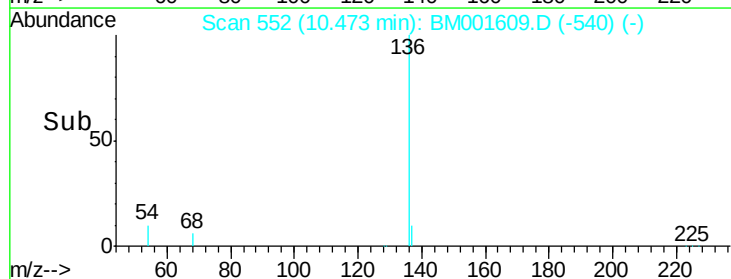
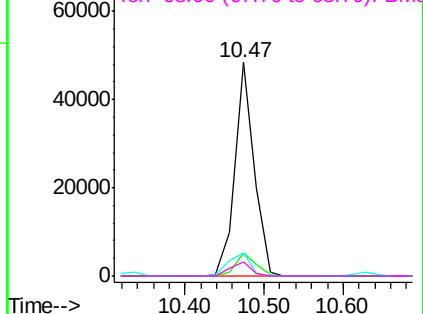
Abundance

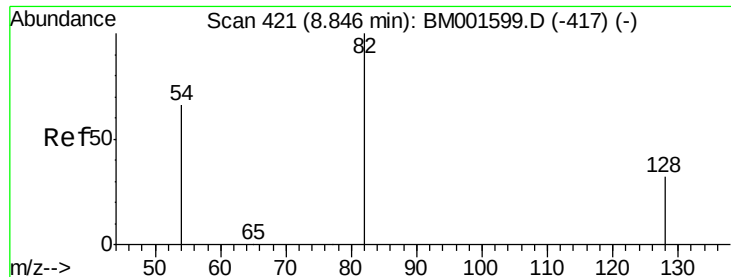
Ion 136.00 (135.70 to 136.70): BM001609.D (-540) (-)

Ion 137.00 (136.70 to 137.70): BM001609.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BM001609.D (-540) (-)

Ion 68.00 (67.70 to 68.70): BM001609.D (-540) (-)





#7

Nitrobenzene-d5

Concen: 11.11 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

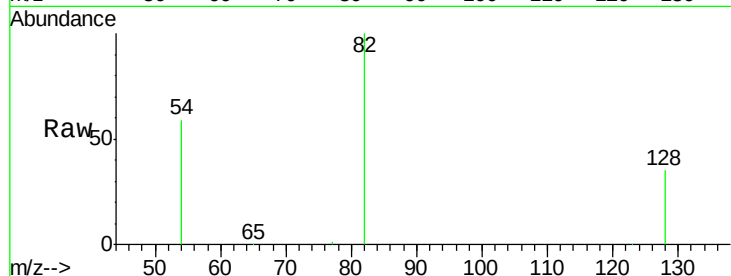
Tgt Ion: 82 Resp: 63800

Ion Ratio Lower Upper

82 100

128 34.9 26.6 40.0

54 59.4 53.0 79.6

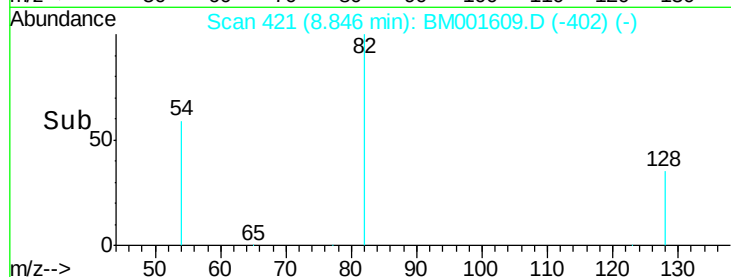


Abundance Ion 82.00 (81.70 to 82.70): BM001599.D (-417) (-)

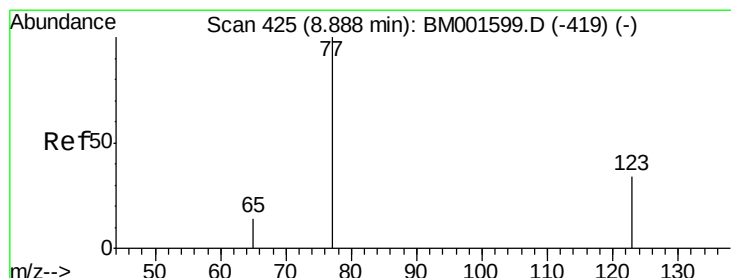
Ion 128.00 (127.70 to 128.70): BM001599.D (-417) (-)

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

Time-->



Time-->



#8

Nitrobenzene

Concen: 11.30 ng

RT: 8.89 min Scan# 425

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

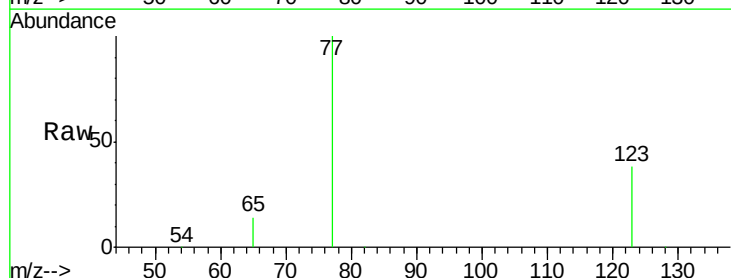
Tgt Ion: 77 Resp: 69709

Ion Ratio Lower Upper

77 100

123 40.4 31.0 46.6

65 14.5 11.4 17.0

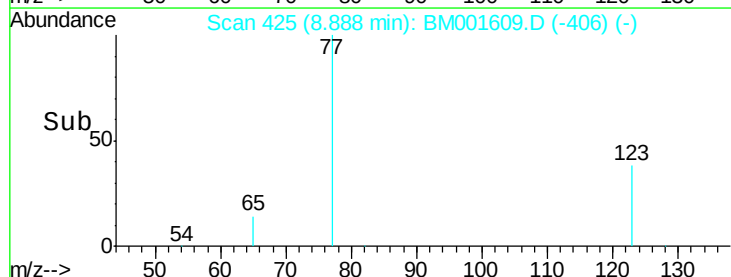


Abundance Ion 77.00 (76.70 to 77.70): BM001599.D (-419) (-)

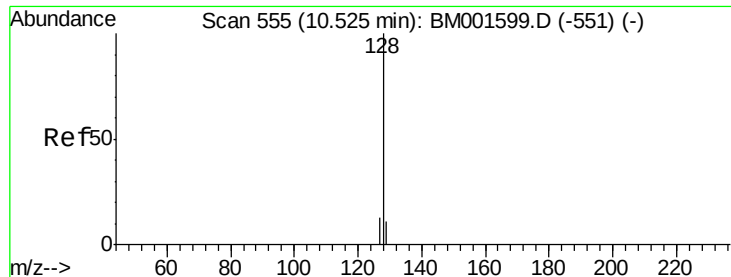
Ion 123.00 (122.70 to 123.70): BM001599.D (-419) (-)

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

Time-->



Time-->



#9

Naphthalene

Concen: 9.94 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

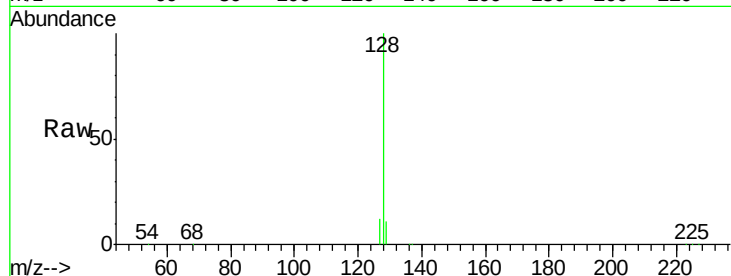
Tgt Ion:128 Resp: 181424

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

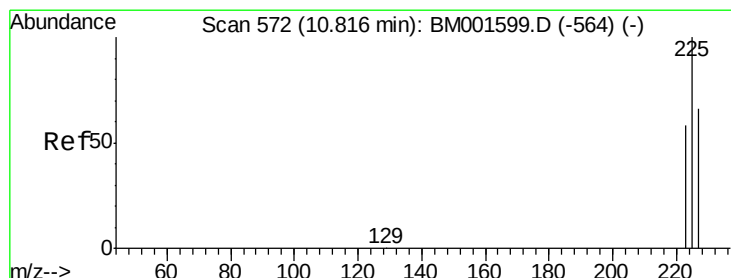
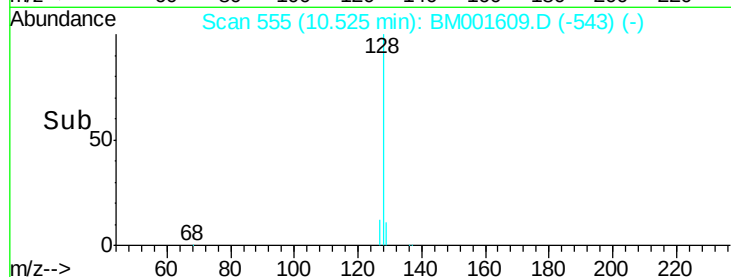
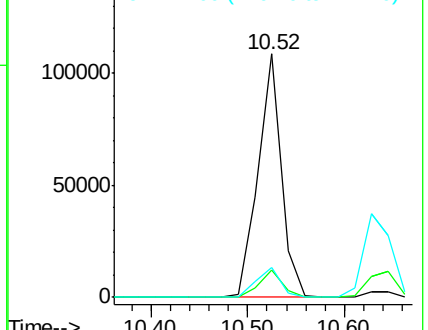
127 12.1 10.4 15.6



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: 9.71 ng

RT: 10.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

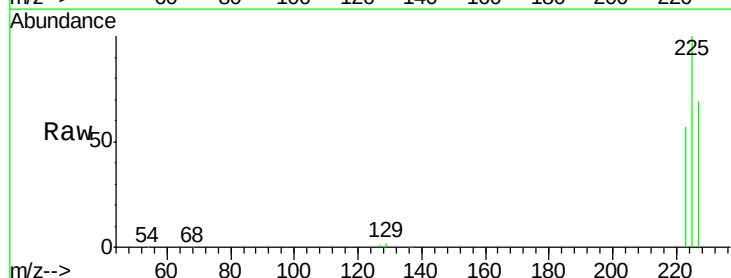
Tgt Ion:225 Resp: 30510

Ion Ratio Lower Upper

225 100

223 63.1 49.8 74.8

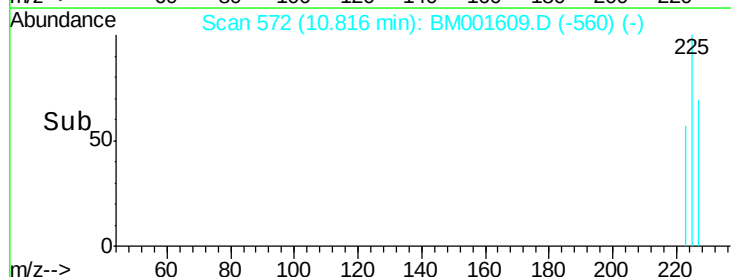
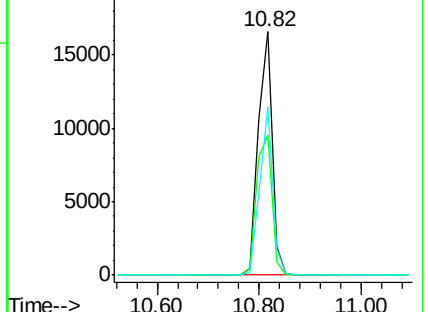
227 63.8 50.9 76.3

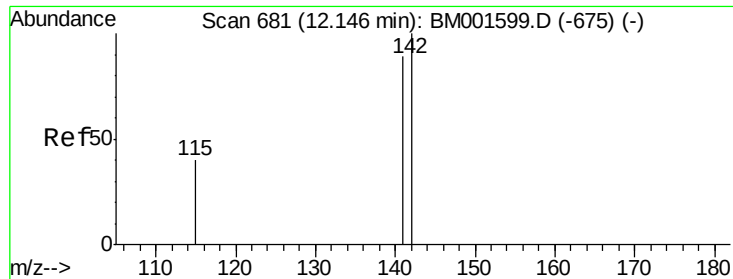


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

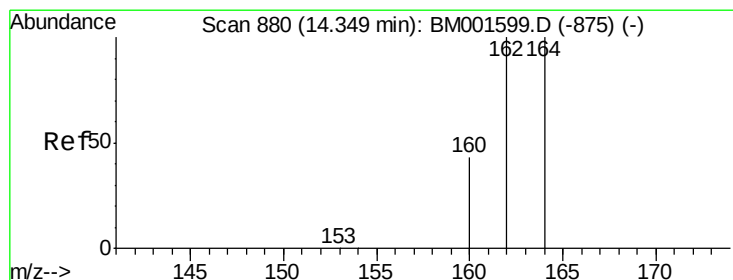
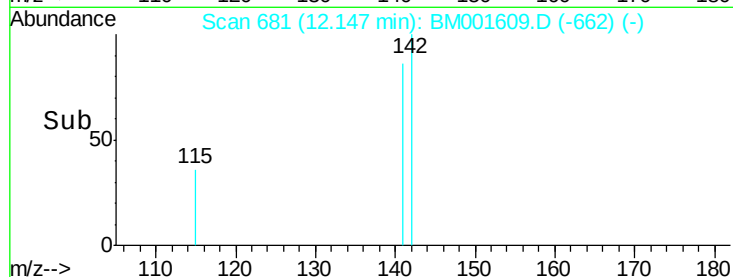
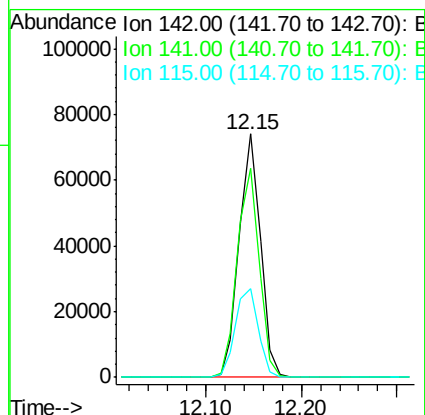
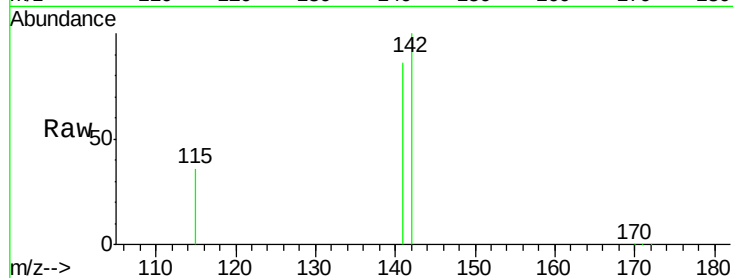




#11
2-Methylnaphthalene
Concen: 10.27 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

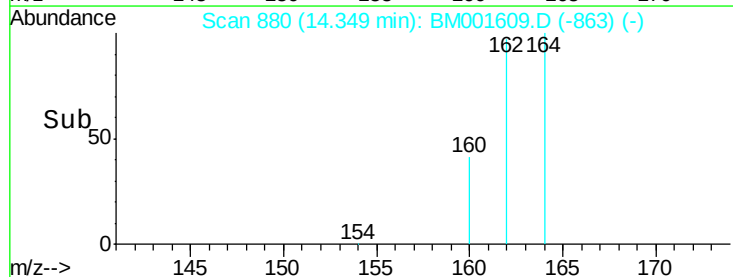
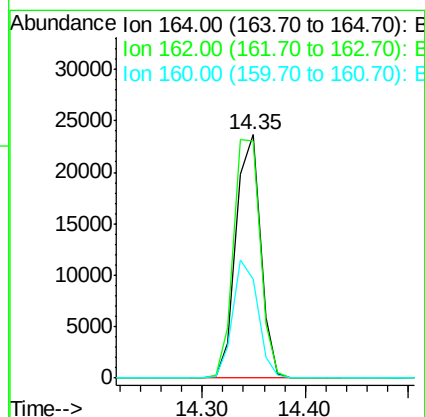
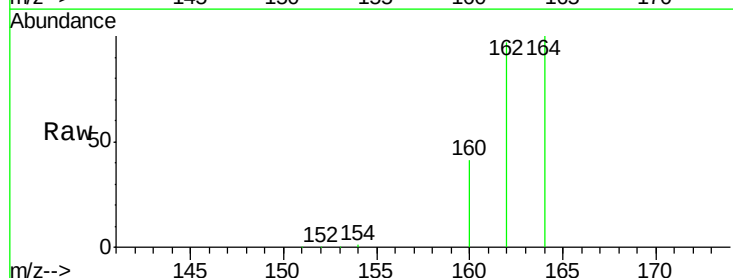
Instrument :
BNA_M
ClientSampleId :
PB83802BSD

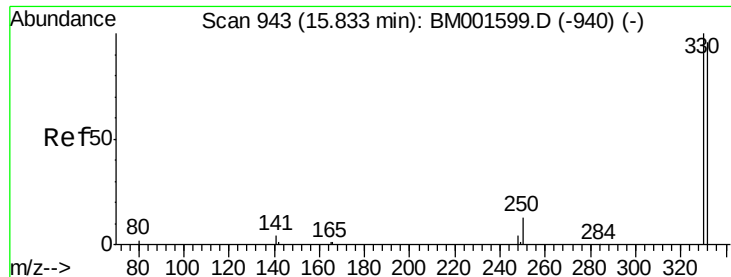
Tgt Ion:142 Resp: 114759
Ion Ratio Lower Upper
142 100
141 86.1 71.3 106.9
115 36.4 32.1 48.1



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. 0.01 min
Lab File: BM001609.D
Acq: 09 Jun 2015 06:36

Tgt Ion:164 Resp: 38493
Ion Ratio Lower Upper
164 100
162 97.2 79.8 119.6
160 40.9 34.6 51.8

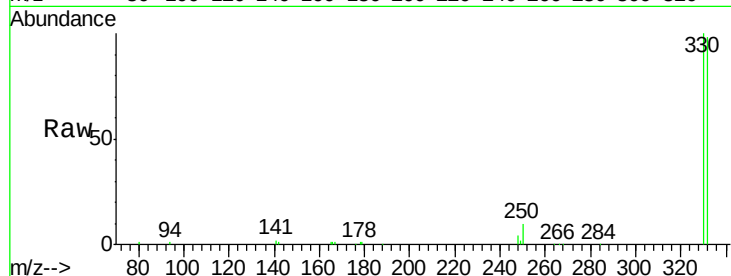




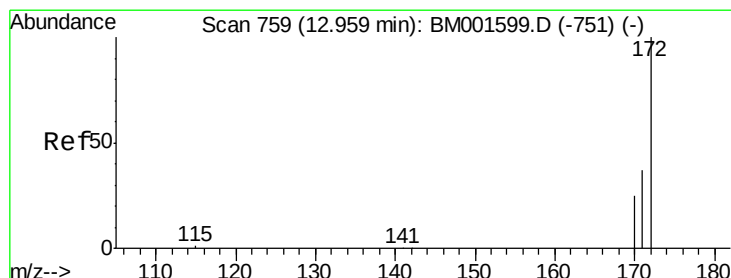
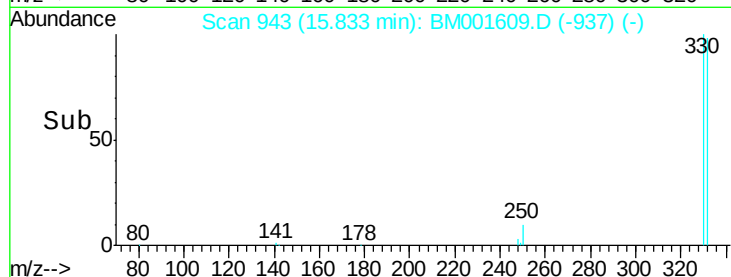
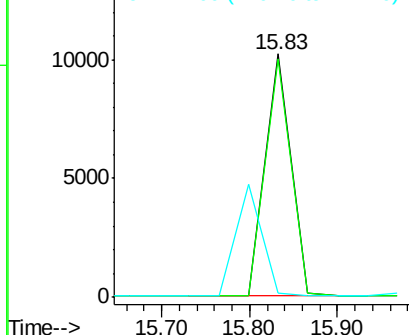
#13
 2,4,6-Tribromophenol
 Concen: 11.41 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BM001609.D
 Acq: 09 Jun 2015 06:36

Instrument :
 BNA_M
 ClientSampleId :
 PB83802BSD

Tgt Ion:330 Resp: 21181
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.7 115.1
 141 0.0 0.0 0.0

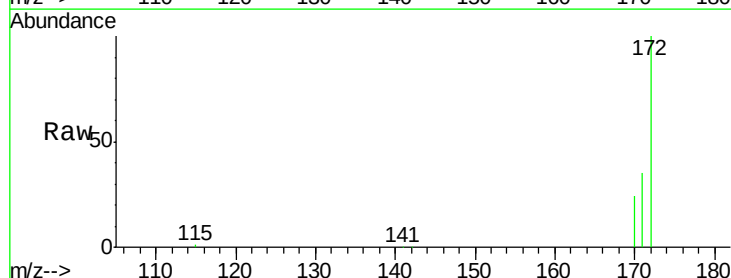


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

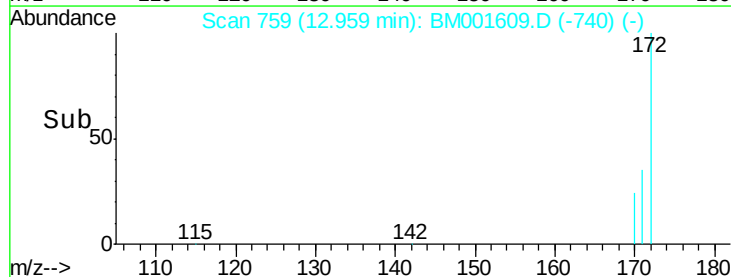
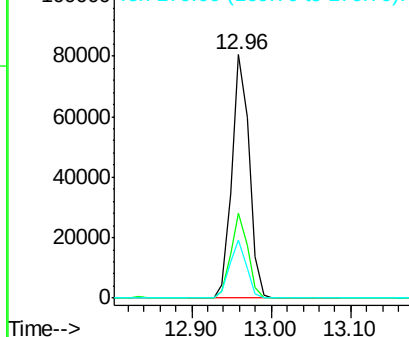


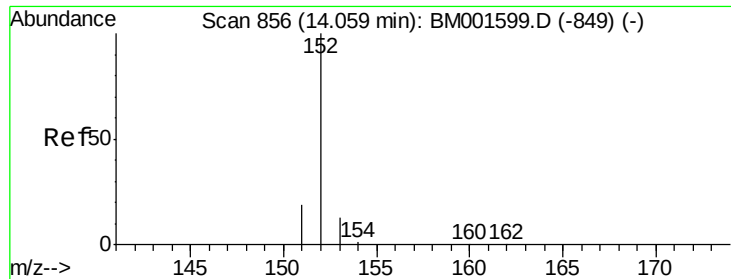
#14
 2-Fluorobiphenyl
 Concen: 9.69 ng
 RT: 12.96 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BM001609.D
 Acq: 09 Jun 2015 06:36

Tgt Ion:172 Resp: 121422
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.9 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: 10.99 ng

RT: 14.06 min Scan# 856

Delta R.T. 0.01 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

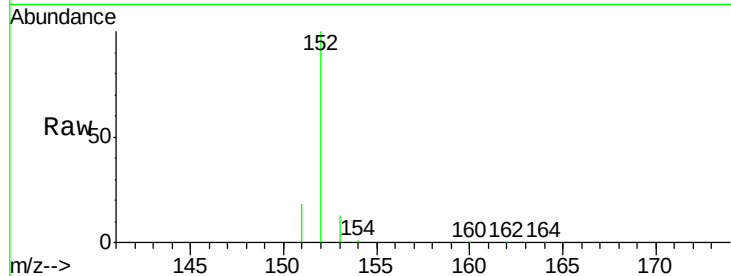
Tgt Ion:152 Resp: 189905

Ion Ratio Lower Upper

152 100

151 19.1 15.5 23.3

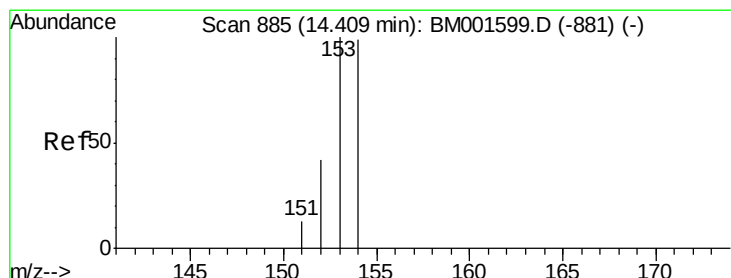
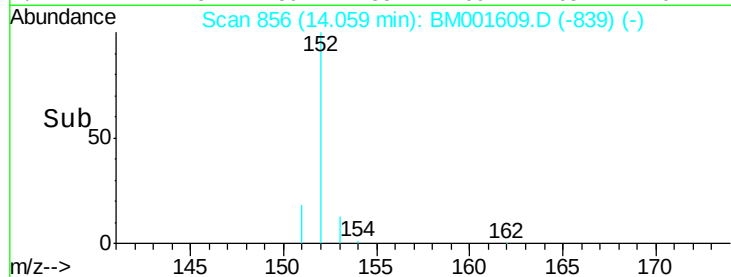
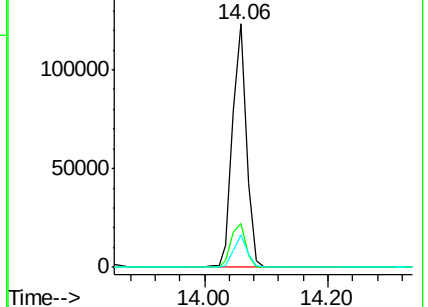
153 12.9 10.3 15.5



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: 10.28 ng

RT: 14.41 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

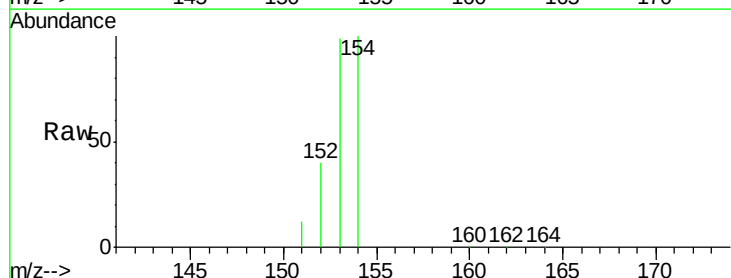
Tgt Ion:154 Resp: 111755

Ion Ratio Lower Upper

154 100

153 106.9 89.4 134.0

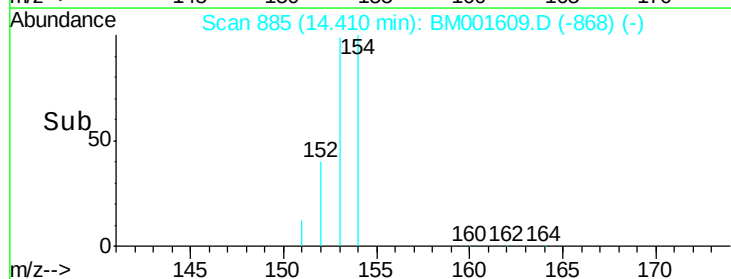
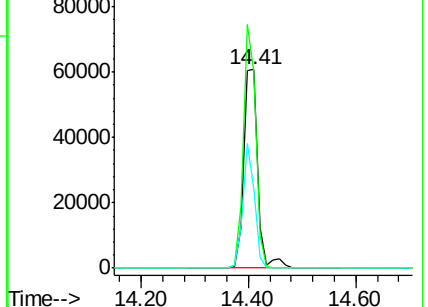
152 51.3 43.6 65.4

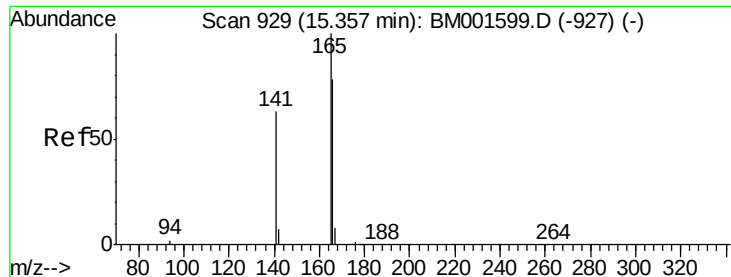


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

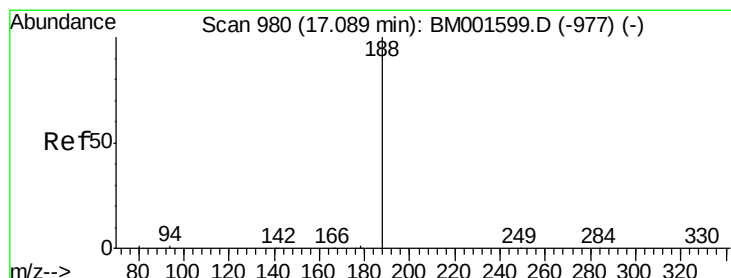
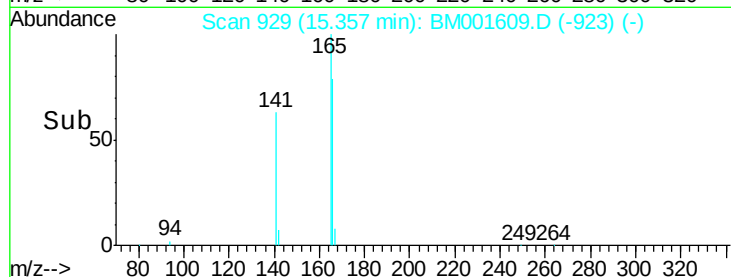
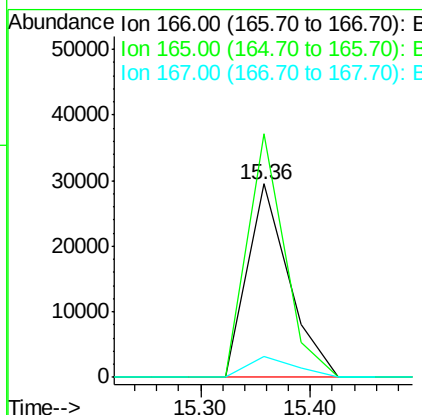
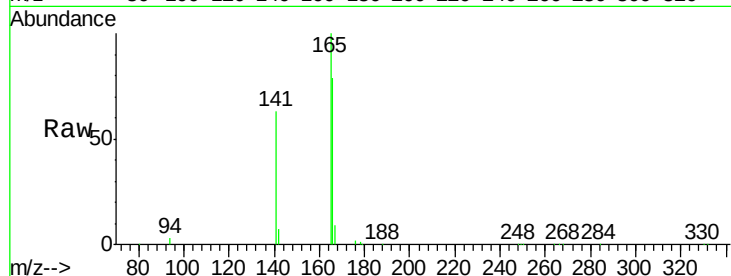




#17
Fluorene
 Concen: 10.37 ng
 RT: 15.36 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BM001609.D
 Acq: 09 Jun 2015 06:36

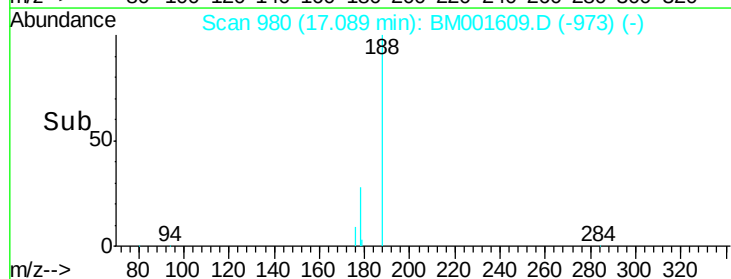
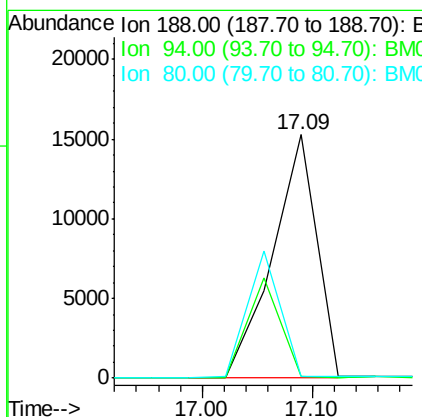
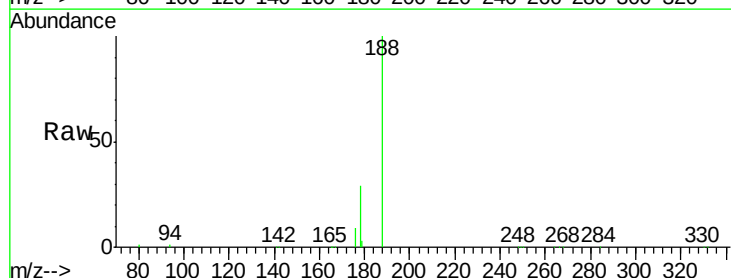
Instrument :
 BNA_M
 ClientSampleId :
 PB83802BSD

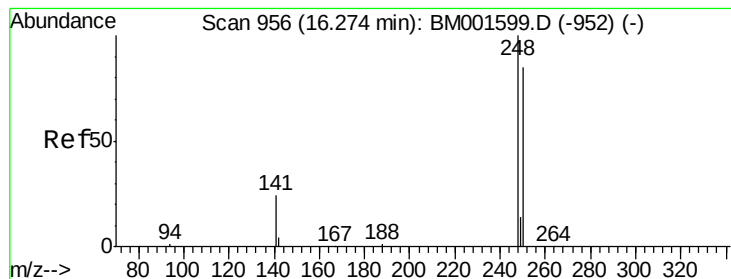
Tgt Ion:166 Resp: 76343
 Ion Ratio Lower Upper
 166 100
 165 113.2 87.8 131.8
 167 12.3 10.0 15.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.09 min Scan# 980
 Delta R.T. 0.03 min
 Lab File: BM001609.D
 Acq: 09 Jun 2015 06:36

Tgt Ion:188 Resp: 42266
 Ion Ratio Lower Upper
 188 100
 94 0.8 1.0 1.6#
 80 0.7 1.0 1.4#





#19

4-Bromophenyl-phenylether

Concen: 13.18 ng

RT: 16.27 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

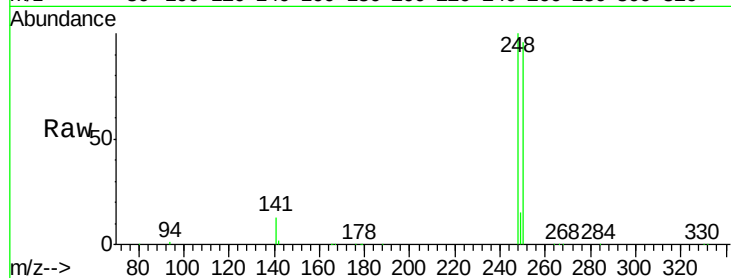
Tgt Ion:248 Resp: 52833

Ion Ratio Lower Upper

248 100

250 95.7 68.6 103.0

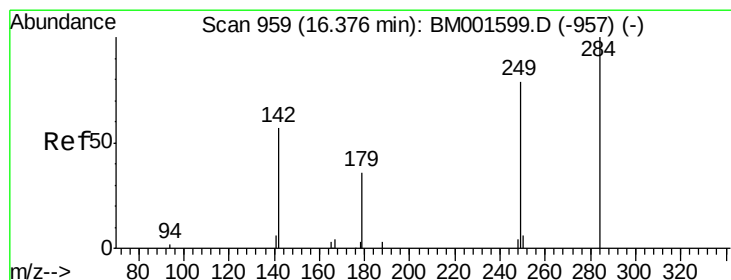
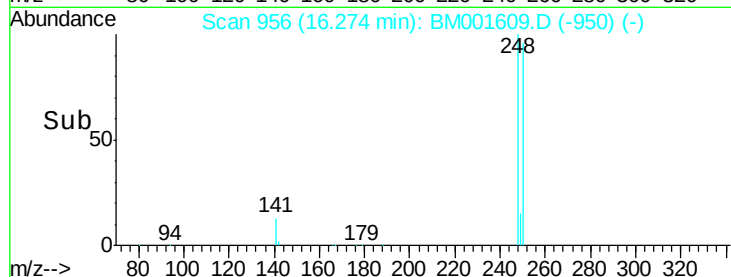
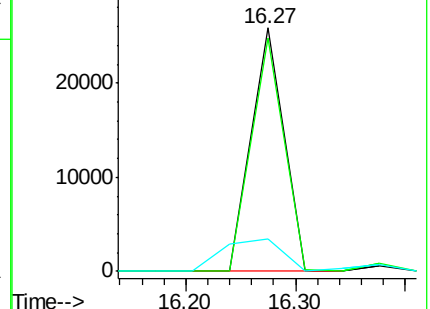
141 25.1 25.5 38.3#



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: 12.81 ng

RT: 16.38 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

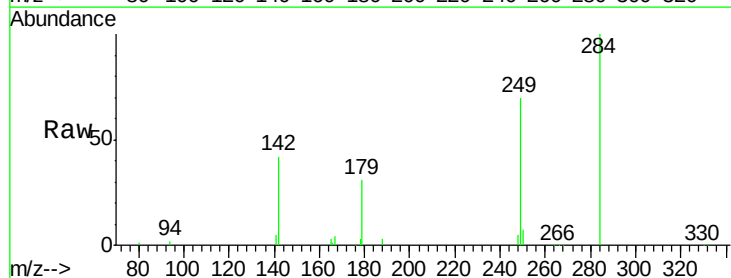
Tgt Ion:284 Resp: 28084

Ion Ratio Lower Upper

284 100

142 43.5 47.3 70.9#

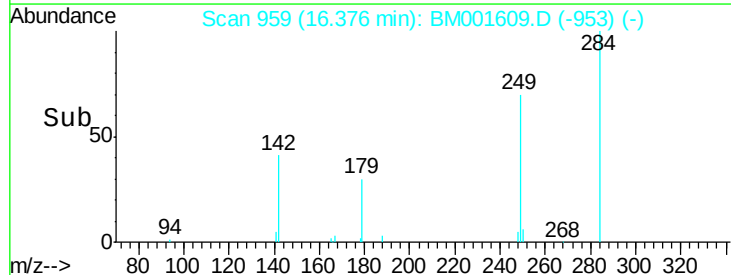
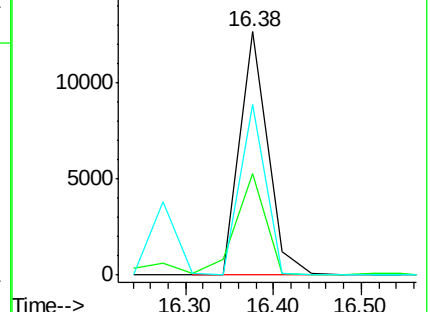
249 64.1 75.8 113.6#

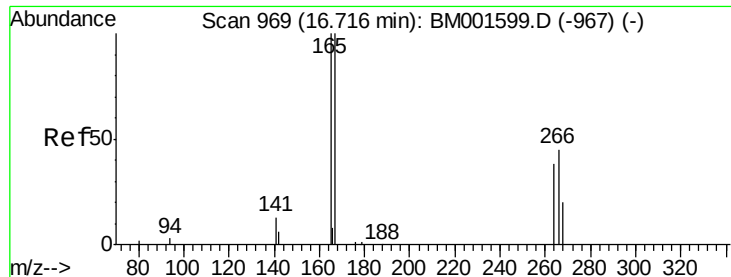


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

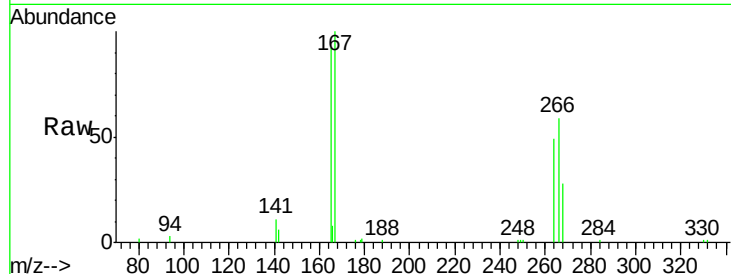




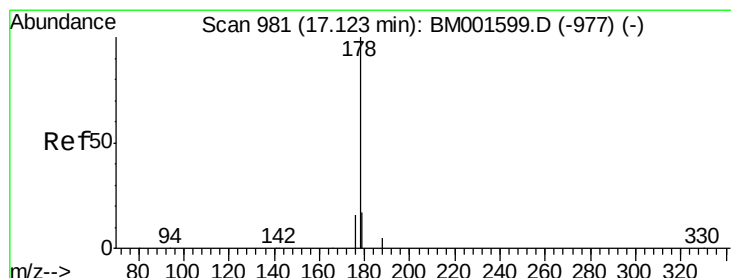
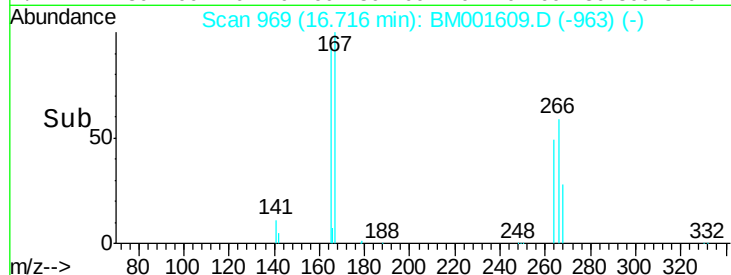
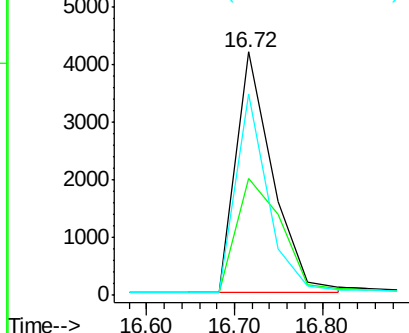
#21
 Pentachlorophenol
 Concen: 16.83 ng
 RT: 16.72 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM001609.D
 Acq: 09 Jun 2015 06:36

Instrument :
 BNA_M
 ClientSampleId :
 PB83802BSD

Tgt Ion: 266 Resp: 12344
 Ion Ratio Lower Upper
 266 100
 268 48.0 45.8 68.8
 264 82.5 70.6 106.0

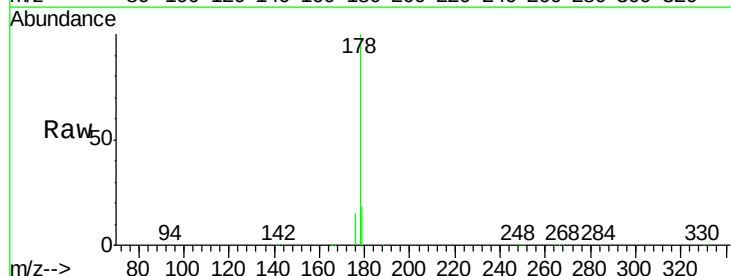


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

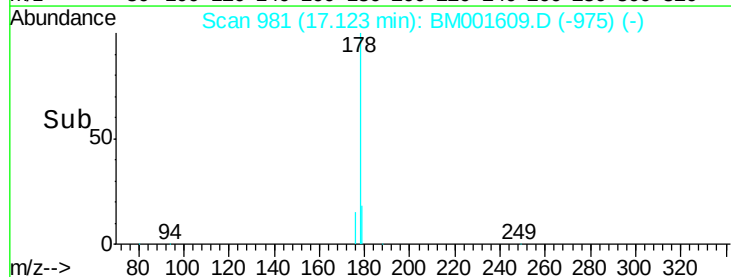
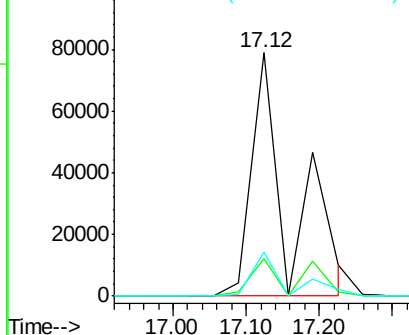


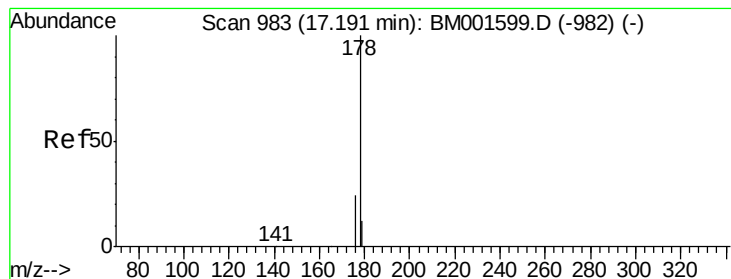
#22
 Phenanthrene
 Concen: 18.91 ng
 RT: 17.12 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BM001609.D
 Acq: 09 Jun 2015 06:36

Tgt Ion: 178 Resp: 285344
 Ion Ratio Lower Upper
 178 100
 176 18.5 13.2 19.8
 179 15.8 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: 30.77 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

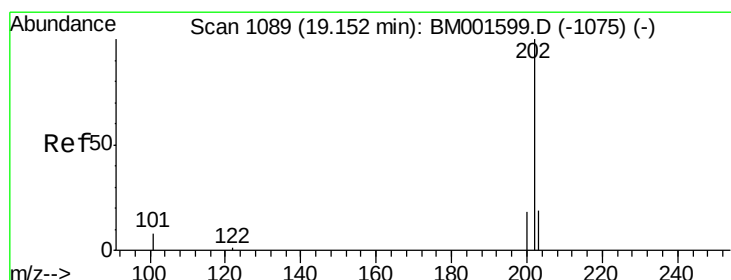
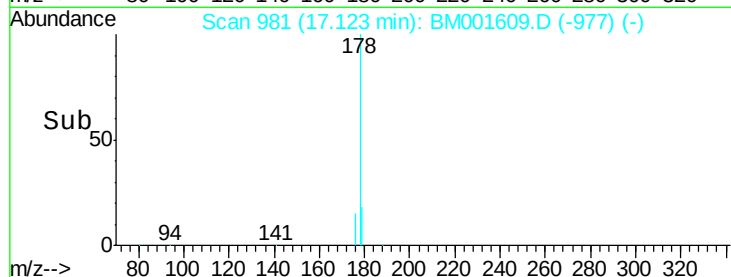
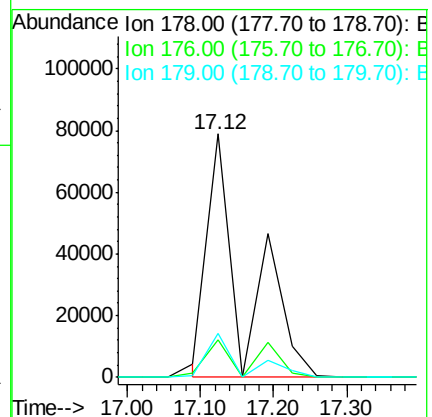
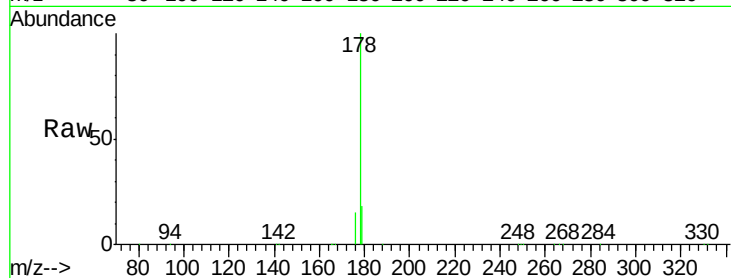
Tgt Ion:178 Resp: 275426

Ion Ratio Lower Upper

178 100

176 18.1 21.9 32.9#

179 16.0 23.0 34.4#



#24

Fluoranthene

Concen: 12.53 ng

RT: 19.14 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

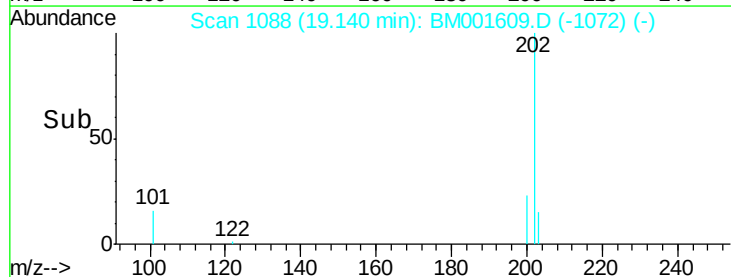
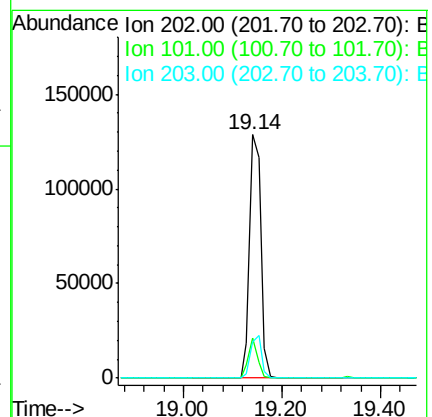
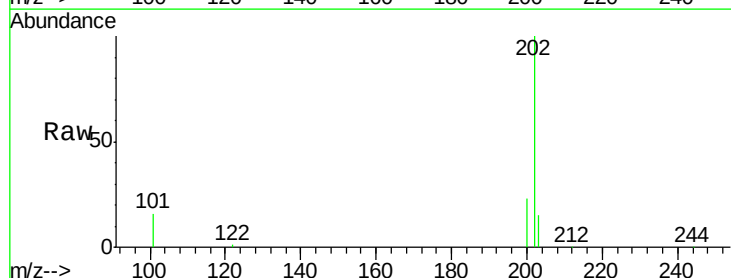
Tgt Ion:202 Resp: 204804

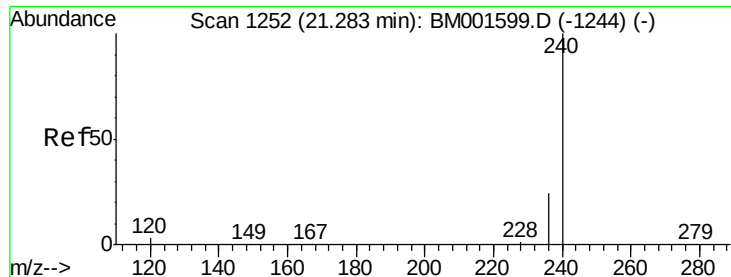
Ion Ratio Lower Upper

202 100

101 13.2 10.4 15.6

203 17.2 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

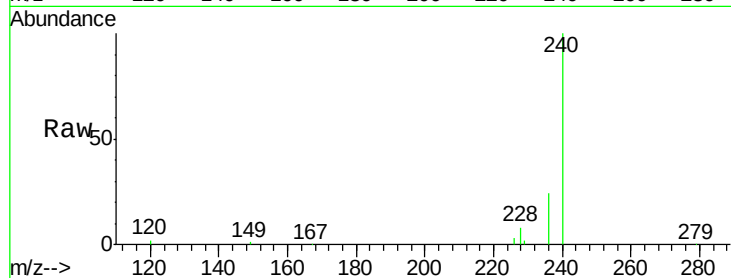
Tgt Ion:240 Resp: 63277

Ion Ratio Lower Upper

240 100

120 2.2 2.2 3.4

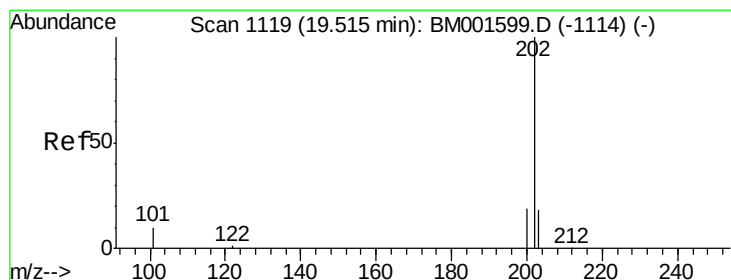
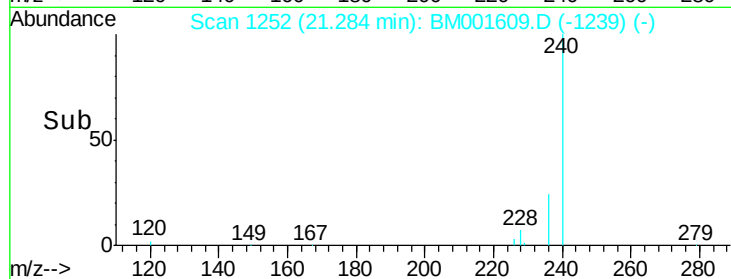
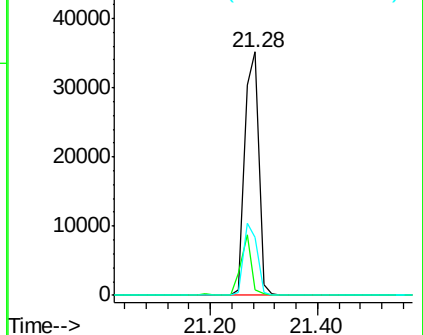
236 23.7 19.6 29.4



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: 10.53 ng

RT: 19.52 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

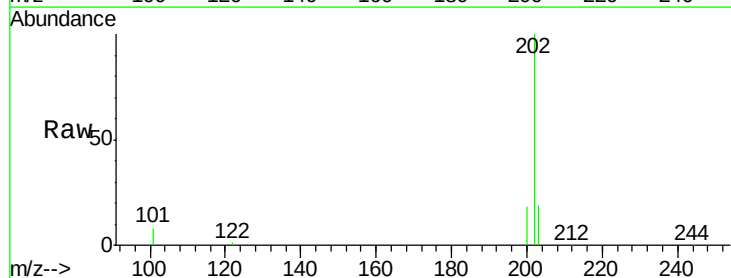
Tgt Ion:202 Resp: 215883

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

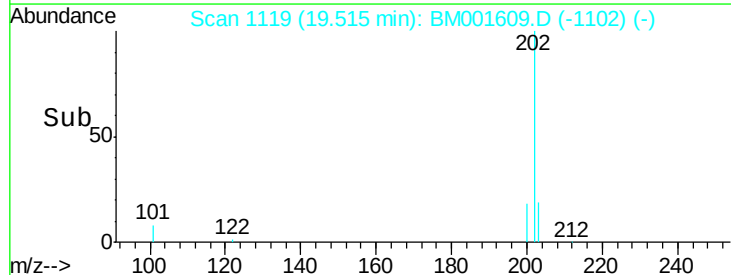
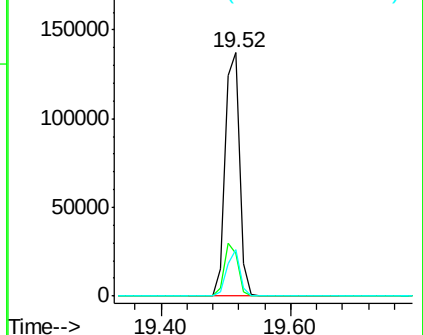
203 17.2 14.0 21.0

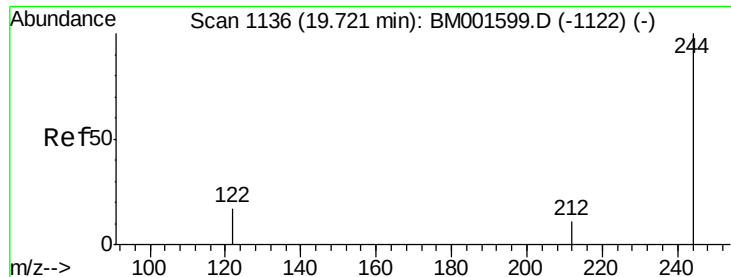


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

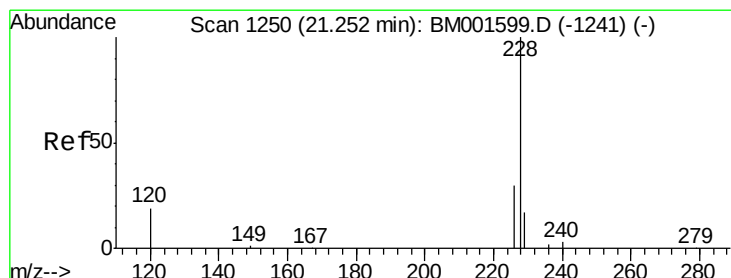
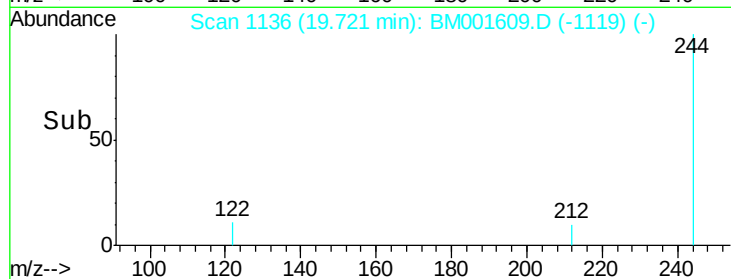
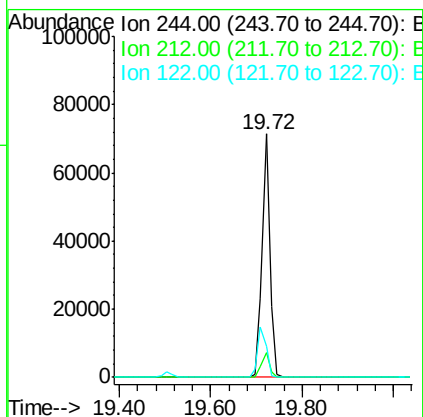
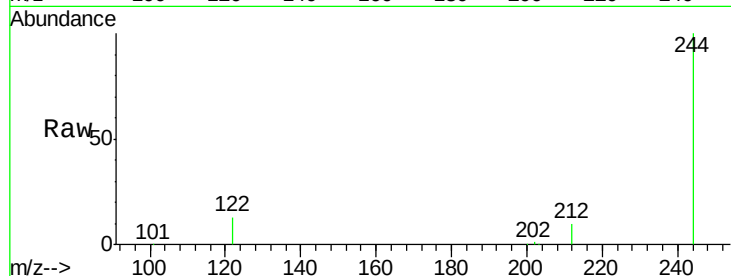




#27
 Terphenyl-d14
 Concen: 10.32 ng
 RT: 19.72 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BM001609.D
 Acq: 09 Jun 2015 06:36

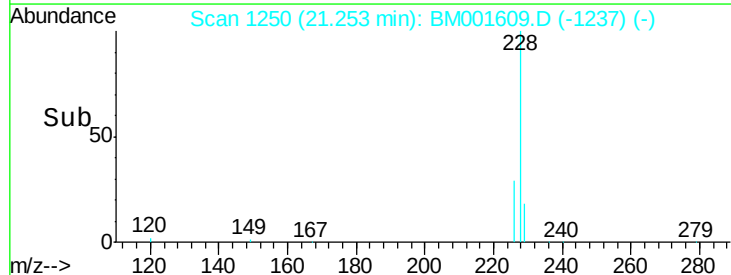
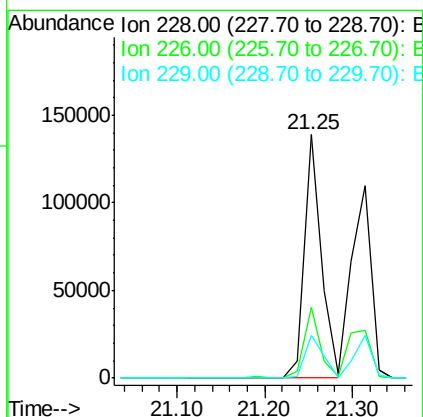
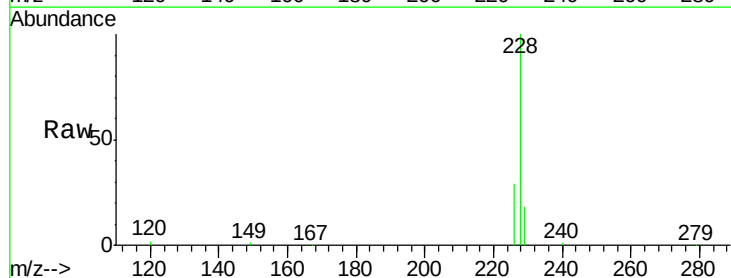
Instrument :
 BNA_M
 ClientSampleId :
 PB83802BSD

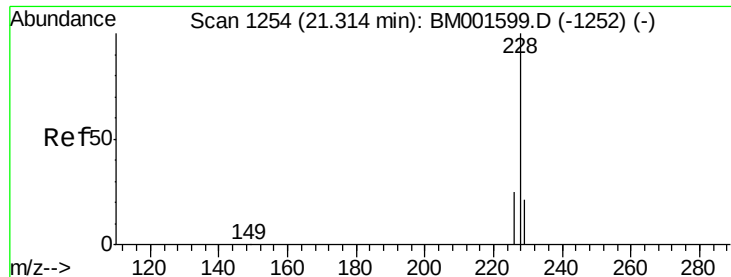
Tgt Ion:244 Resp: 85217
 Ion Ratio Lower Upper
 244 100
 212 10.0 9.2 13.8
 122 12.5 14.5 21.7#



#28
 Benzo(a)anthracene
 Concen: 10.13 ng
 RT: 21.25 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BM001609.D
 Acq: 09 Jun 2015 06:36

Tgt Ion:228 Resp: 187145
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.6 37.0
 229 17.7 13.8 20.8





#29

Chrysene

Concen: 9.67 ng

RT: 21.31 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

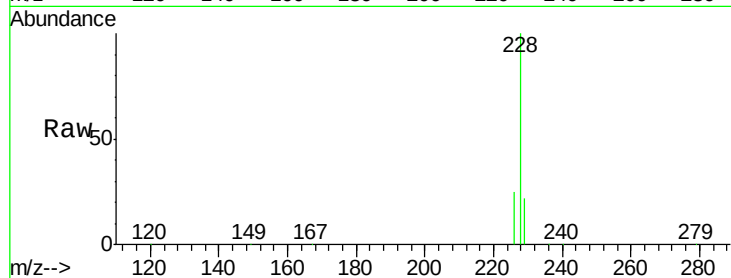
Tgt Ion:228 Resp: 169014

Ion Ratio Lower Upper

228 100

226 25.1 20.6 31.0

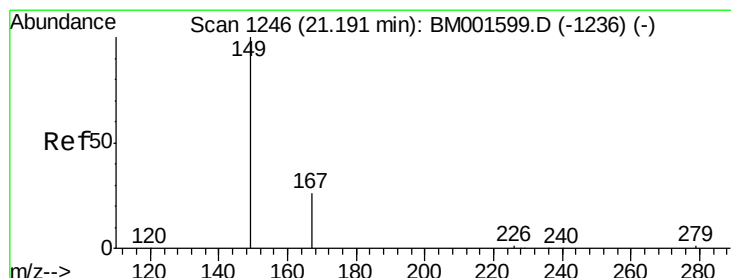
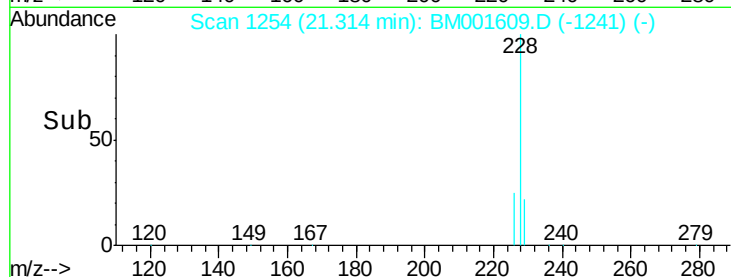
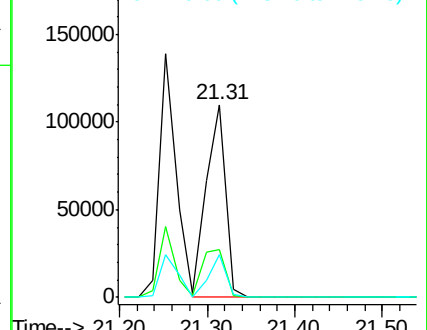
229 22.2 17.4 26.2



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: 12.63 ng

RT: 21.19 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

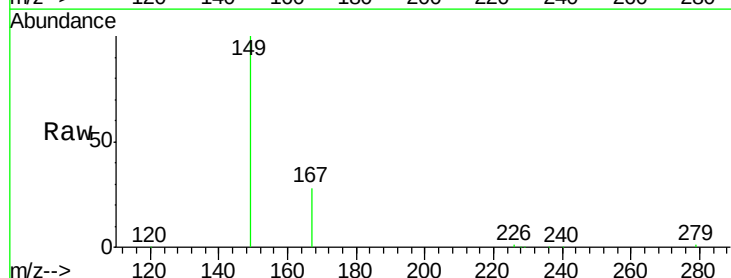
Tgt Ion:149 Resp: 134862

Ion Ratio Lower Upper

149 100

167 26.5 20.2 30.4

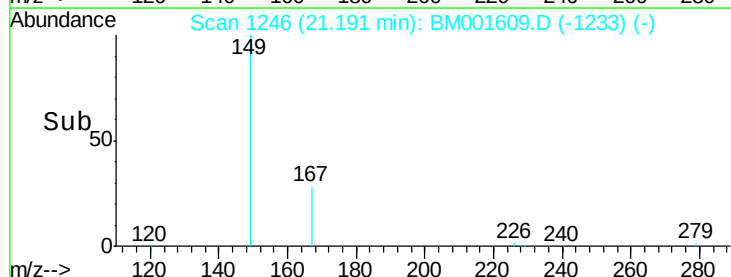
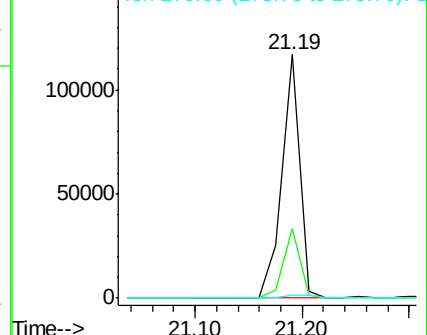
279 1.9 1.7 2.5

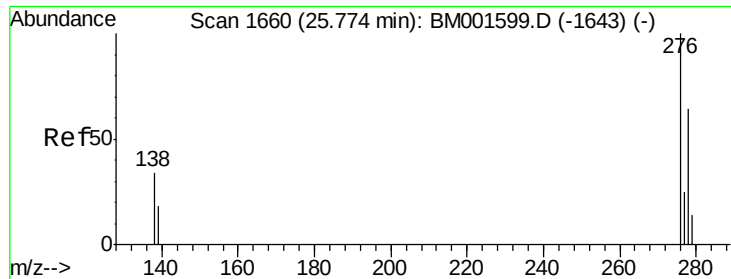


Abundance Ion 149.00 (148.70 to 149.70): E

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: 9.62 ng

RT: 25.76 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

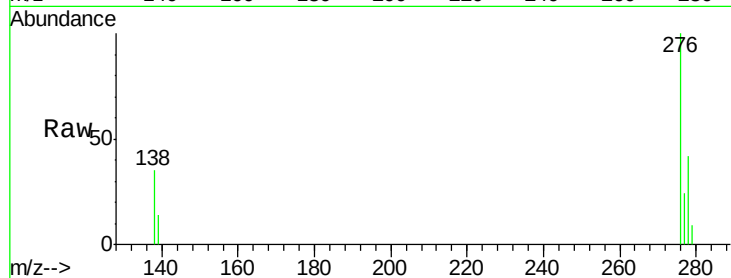
Tgt Ion: 276 Resp: 170735

Ion Ratio Lower Upper

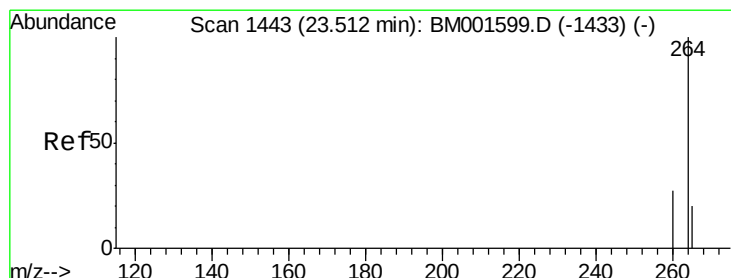
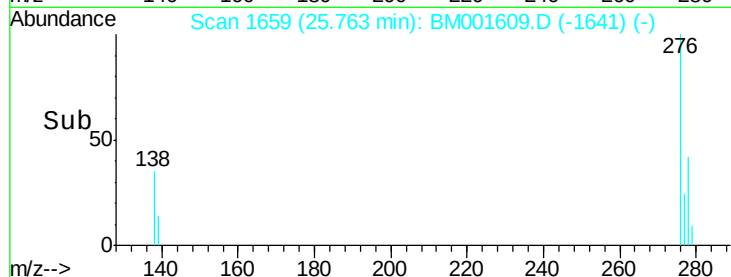
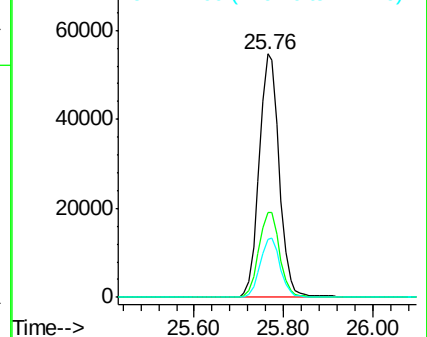
276 100

138 36.3 28.2 42.2

277 24.6 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: BM001609.D

Acq: 09 Jun 2015 06:36

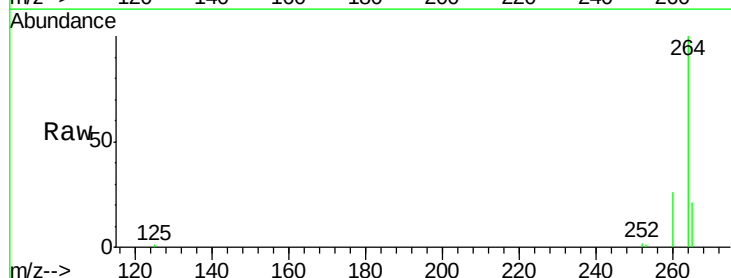
Tgt Ion: 264 Resp: 55124

Ion Ratio Lower Upper

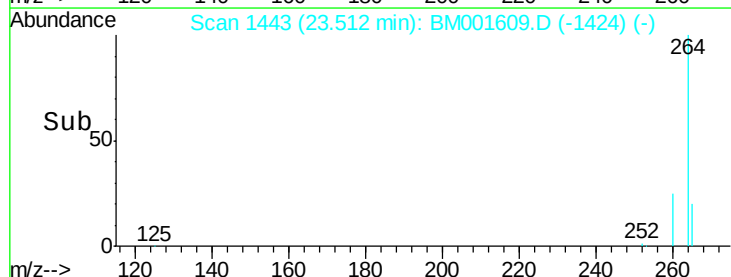
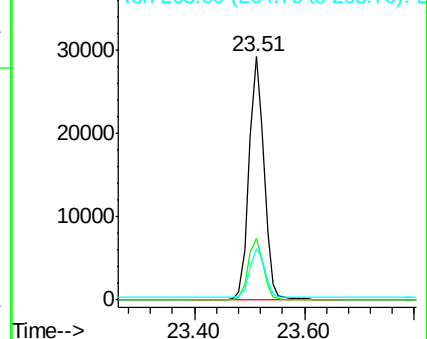
264 100

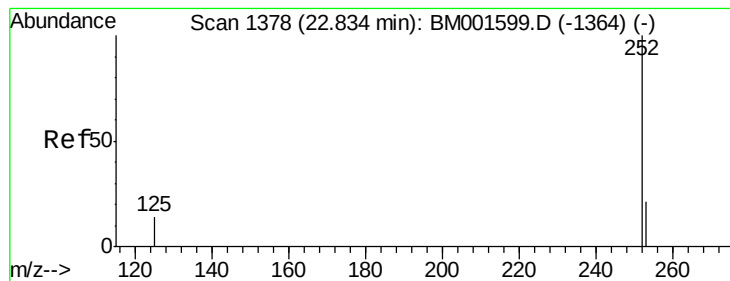
260 25.5 21.8 32.6

265 21.4 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: 10.20 ng

RT: 22.83 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

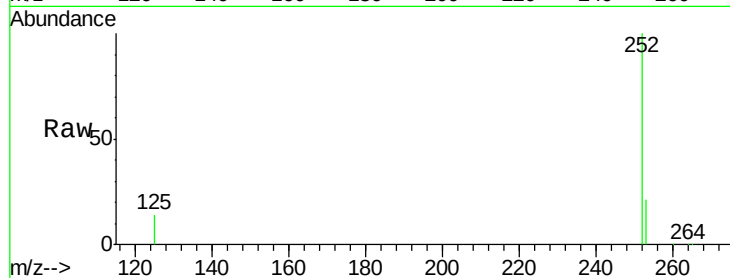
Tgt Ion:252 Resp: 169093

Ion Ratio Lower Upper

252 100

253 21.0 17.6 26.4

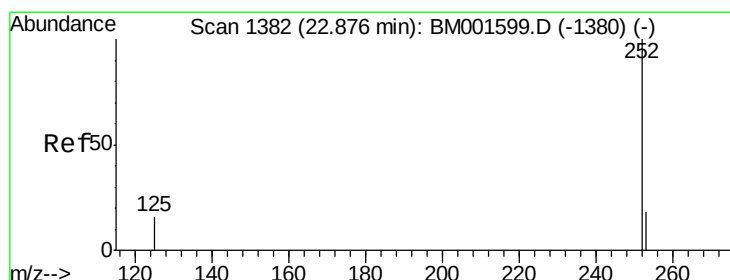
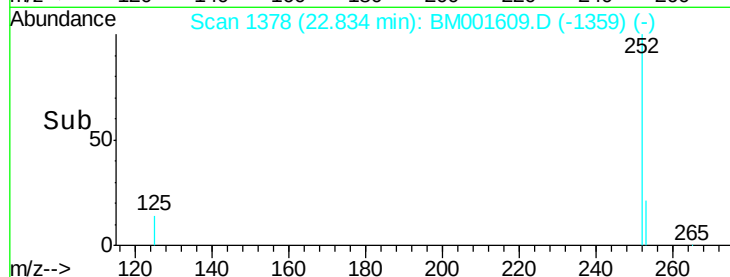
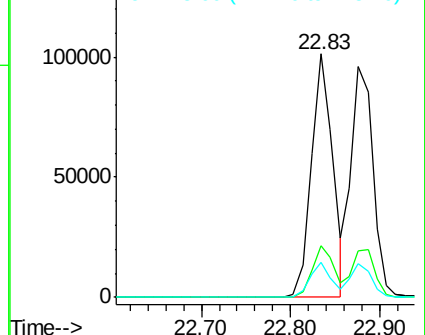
125 14.2 12.4 18.6



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: 10.26 ng

RT: 22.88 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

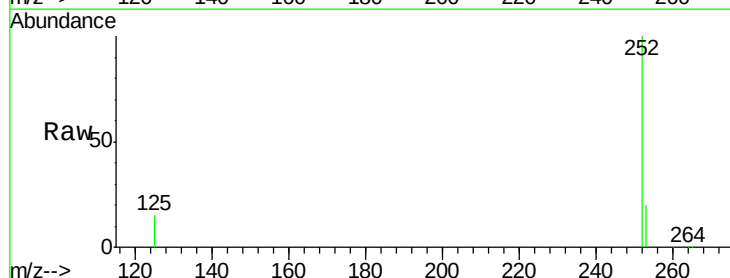
Tgt Ion:252 Resp: 164019

Ion Ratio Lower Upper

252 100

253 20.4 17.1 25.7

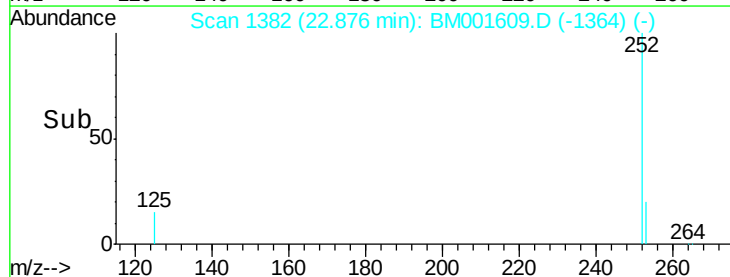
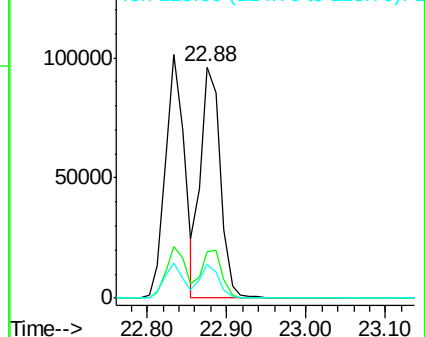
125 14.6 12.8 19.2

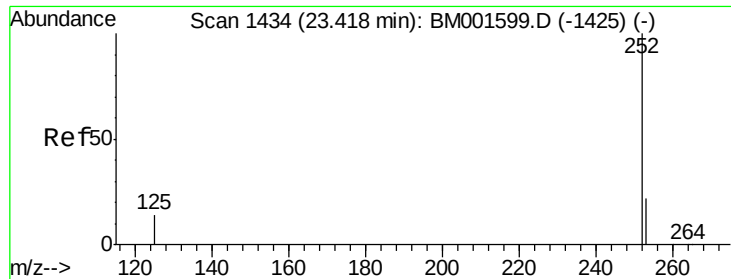


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 10.32 ng

RT: 23.41 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD

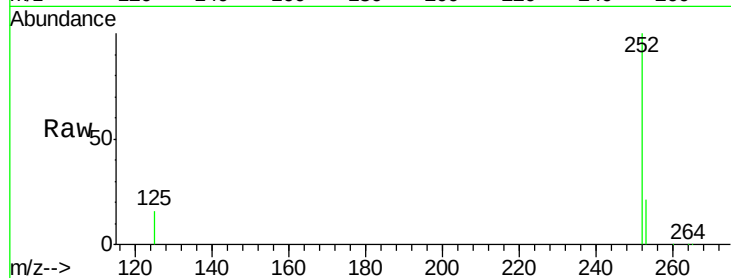
Tgt Ion:252 Resp: 151088

Ion Ratio Lower Upper

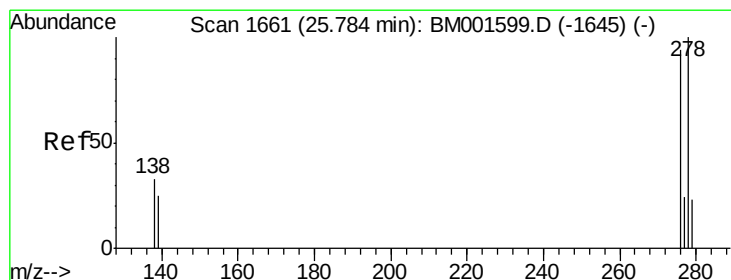
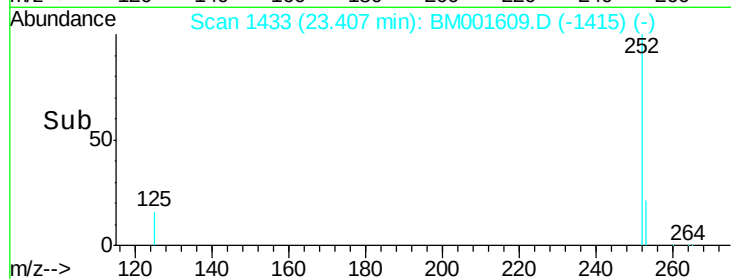
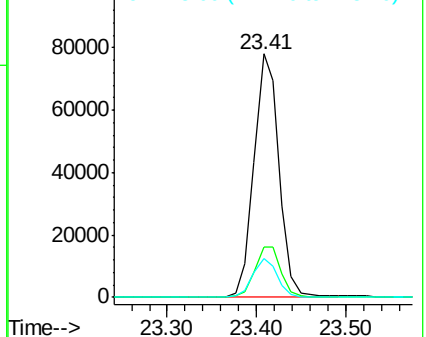
252 100

253 20.9 19.4 29.0

125 16.1 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: 9.99 ng

RT: 25.78 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BM001609.D

Acq: 09 Jun 2015 06:36

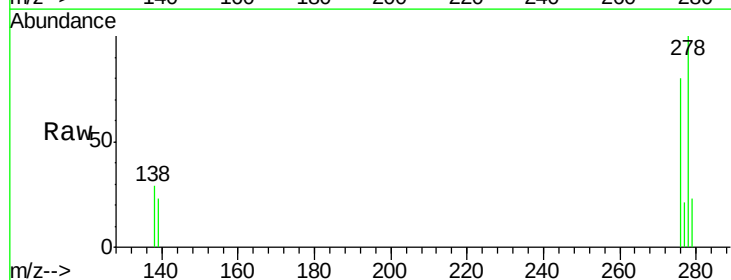
Tgt Ion:278 Resp: 133593

Ion Ratio Lower Upper

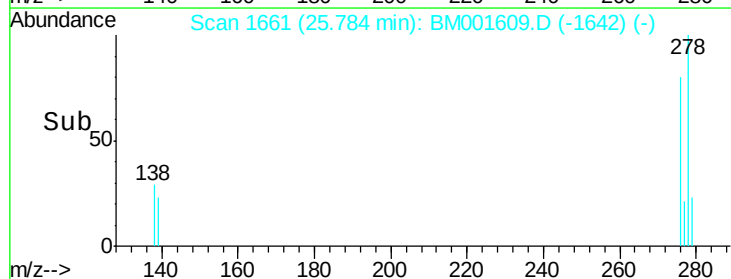
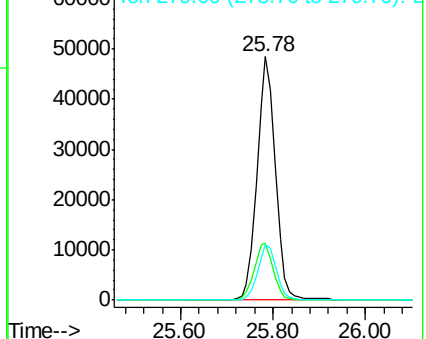
278 100

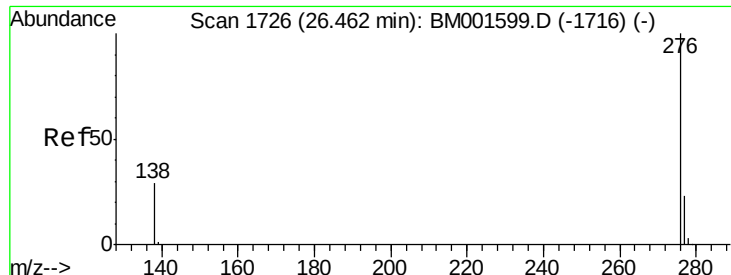
139 23.4 20.6 31.0

279 23.0 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: 9.55 ng

RT: 26.46 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BM001609.D

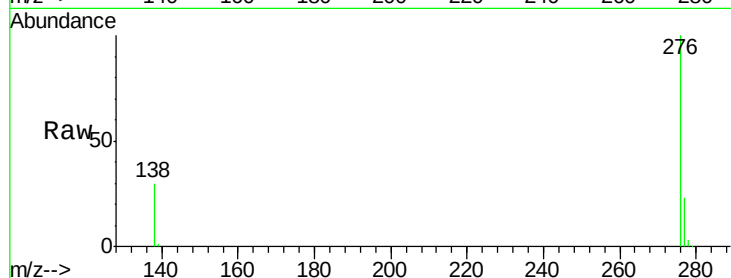
Acq: 09 Jun 2015 06:36

Instrument :

BNA_M

ClientSampleId :

PB83802BSD



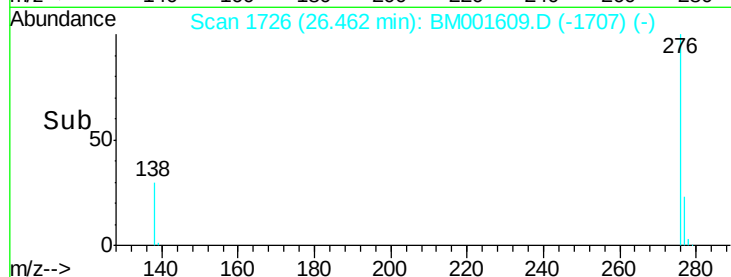
Tgt Ion: 276 Resp: 137775

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 29.9 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

