

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
 Data File : BM001581.D
 Acq On : 06 Jun 2015 06:53
 Operator : TP/IZ
 Sample : PB83718BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83718BS

Quant Time: Jun 08 05:35:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 05:27:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	22064	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	80811	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	38918	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	60789	5.00	ng	0.00
25) Chrysene-d12	21.28	240	64406	5.00	ng	0.00
32) Perylene-d12	23.51	264	52512	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	59961	12.30	ng	0.00
5) Phenol-d6	6.84	99	79390	13.25	ng	0.00
7) Nitrobenzene-d5	8.85	82	48744	8.86	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	27609	14.81	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	101079	8.43	ng	0.00
27) Terphenyl-d14	19.72	244	72006	8.66	ng	0.00

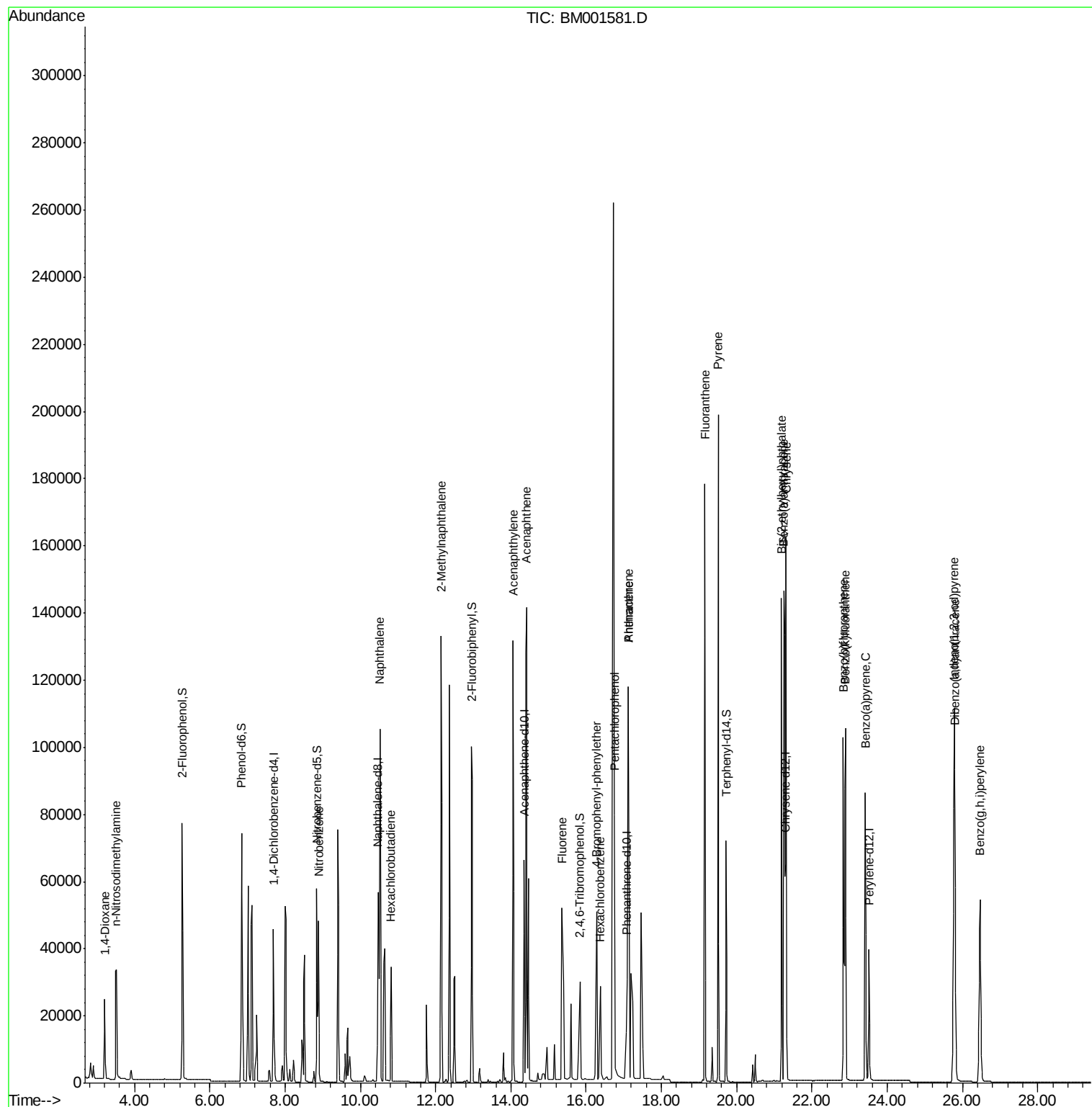
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	16469	8.60	ng	96
3) n-Nitrosodimethylamine	3.51	42	28933	8.59	ng	# 97
8) Nitrobenzene	8.89	77	53453	9.06	ng	99
9) Naphthalene	10.52	128	139338	7.98	ng	99
10) Hexachlorobutadiene	10.82	225	24473	8.04	ng	100
11) 2-Methylnaphthalene	12.15	142	90943	8.33	ng	94
15) Acenaphthylene	14.06	152	144425	8.60	ng	100
16) Acenaphthene	14.41	154	84198	7.96	ng	99
17) Fluorene	15.36	166	52678	7.73	ng	# 65
19) 4-Bromophenyl-phenylether	16.27	248	45019	9.30	ng	# 89
20) Hexachlorobenzene	16.38	284	20270	10.49	ng	92
21) Pentachlorophenol	16.75	266	113769	122.60	ng	# 90
22) Phenanthrene	17.12	178	181011	8.54	ng	100
23) Anthracene	17.12	178	263777	29.53	ng	# 52
24) Fluoranthene	19.15	202	171981	10.43	ng	99
26) Pyrene	19.52	202	185932	8.97	ng	100
28) Benzo(a)anthracene	21.25	228	157126	8.66	ng	99
29) Chrysene	21.31	228	146444	8.45	ng	98
30) Bis(2-ethylhexyl)phthalate	21.19	149	127736	10.45	ng	100
31) Indeno(1,2,3-cd)pyrene	25.77	276	130618	7.02	ng	99
33) Benzo(b)fluoranthene	22.83	252	146938	9.37	ng	98
34) Benzo(k)fluoranthene	22.89	252	116994	8.19	ng	98
35) Benzo(a)pyrene	23.42	252	123163	8.99	ng	98
36) Dibenzo(a,h)anthracene	25.79	278	105033	7.81	ng	98
37) Benzo(g,h,i)perylene	26.46	276	108514	7.68	ng	98

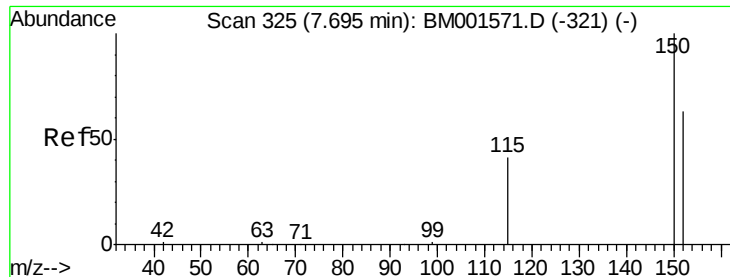
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.70 min Scan# 325

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

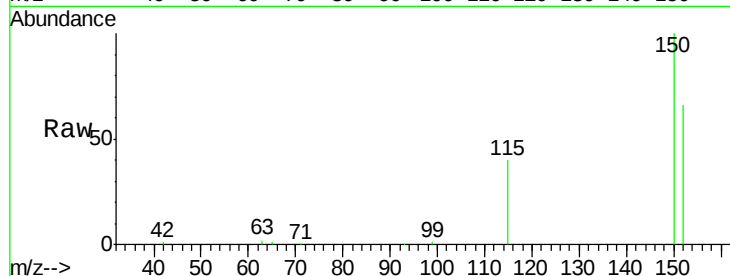
Tgt Ion:152 Resp: 22064

Ion Ratio Lower Upper

152 100

150 152.0 126.6 190.0

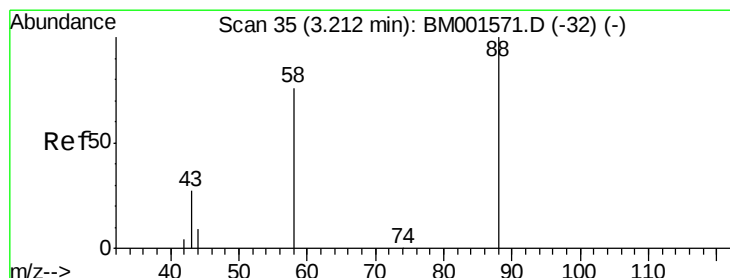
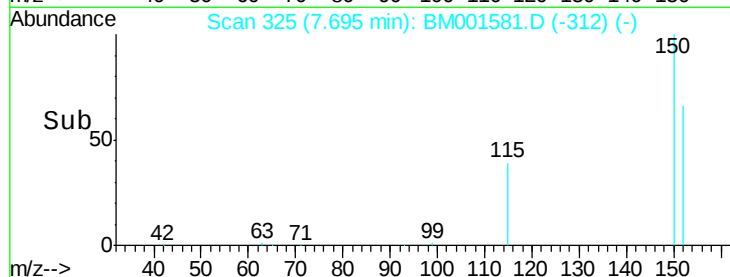
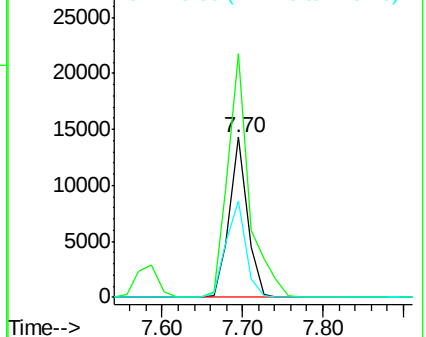
115 60.2 51.6 77.4



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: 8.60 ng

RT: 3.21 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

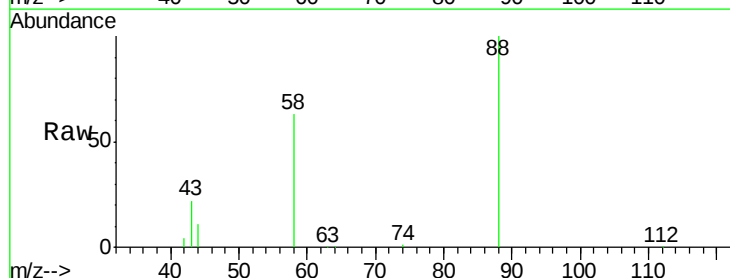
Tgt Ion: 88 Resp: 16469

Ion Ratio Lower Upper

88 100

58 87.0 66.1 99.1

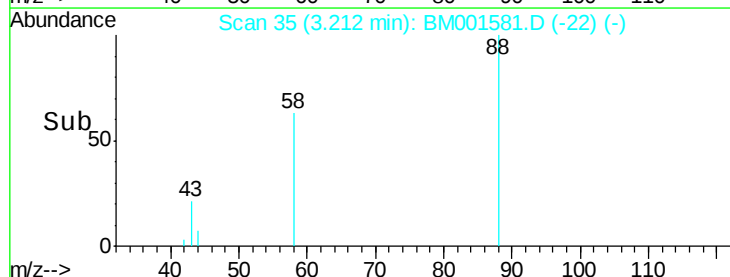
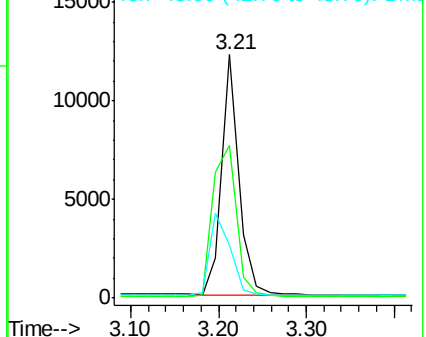
43 41.0 32.3 48.5

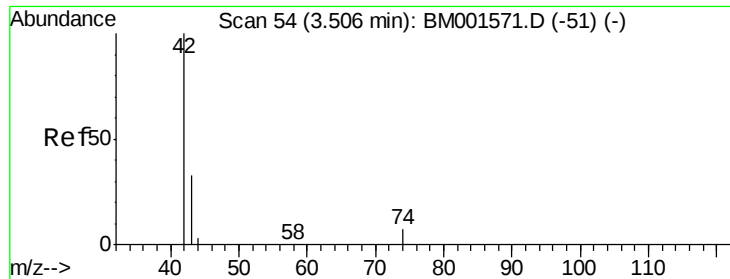


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 8.59 ng

RT: 3.51 min Scan# 54

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

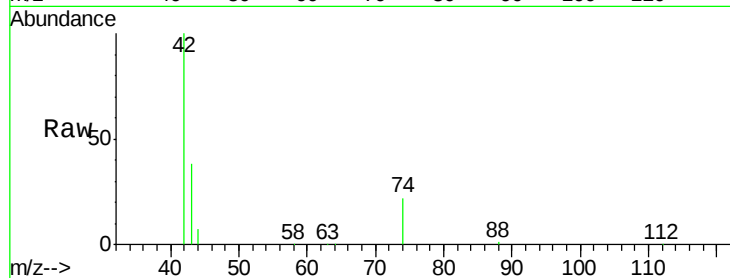
Tgt Ion: 42 Resp: 28933

Ion Ratio Lower Upper

42 100

74 94.1 77.2 115.8

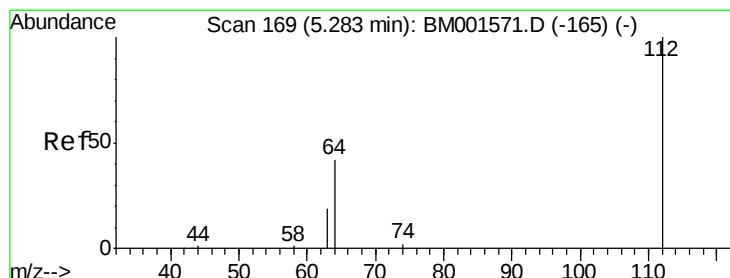
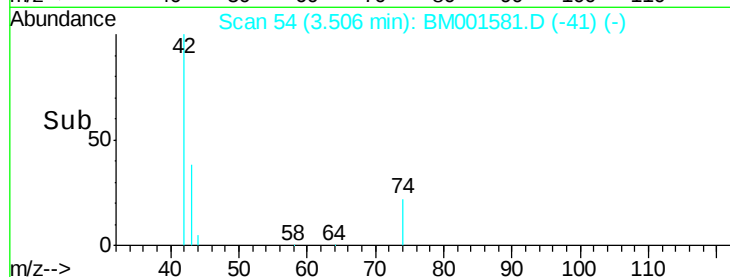
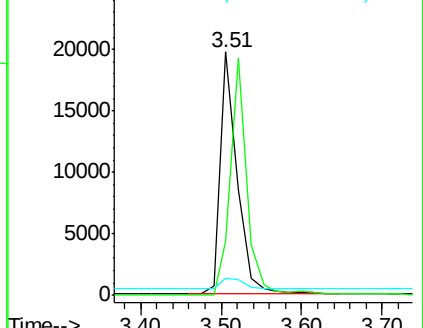
44 6.0 7.4 11.2#



Abundance Ion 42.00 (41.70 to 42.70): BM001571.D (-51) (-)

Ion 74.00 (73.70 to 74.70): BM001571.D (-51) (-)

Ion 44.00 (43.70 to 44.70): BM001571.D (-51) (-)



#4

2-Fluorophenol

Concen: 12.30 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

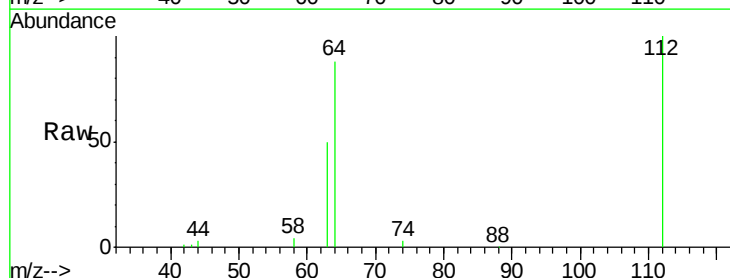
Tgt Ion: 112 Resp: 59961

Ion Ratio Lower Upper

112 100

64 67.9 53.3 79.9

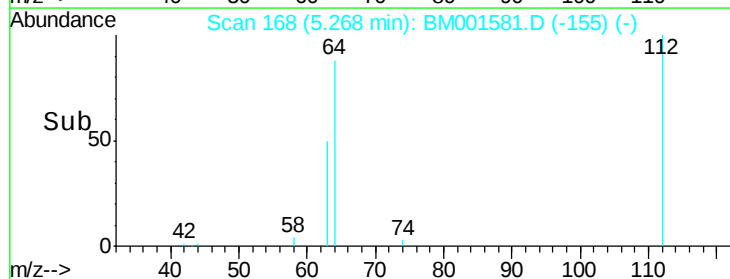
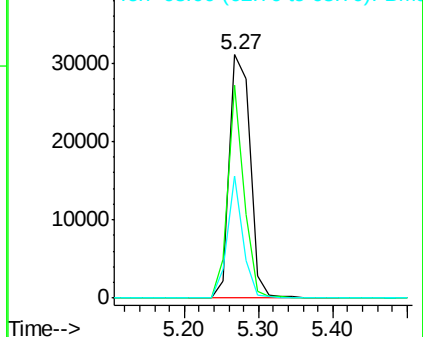
63 37.8 29.7 44.5

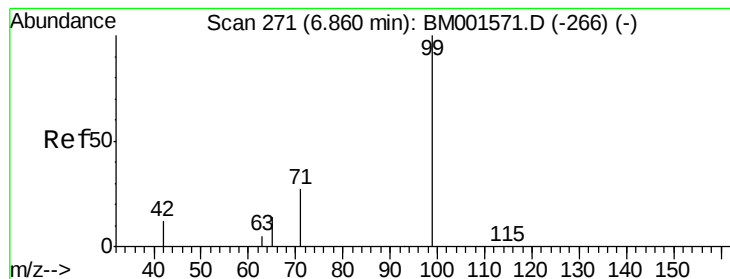


Abundance Ion 112.00 (111.70 to 112.70): BM001571.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001571.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001571.D (-165) (-)





#5

Phenol-d6

Concen: 13.25 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

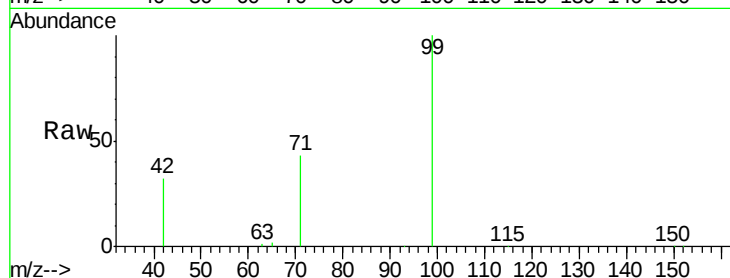
Tgt Ion: 99 Resp: 79390

Ion Ratio Lower Upper

99 100

42 26.3 21.4 32.2

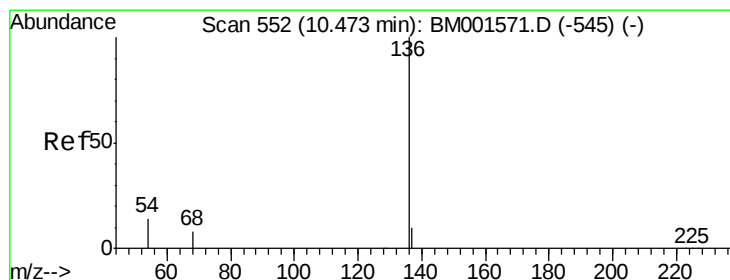
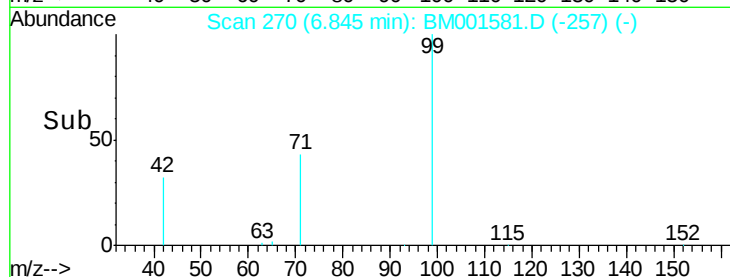
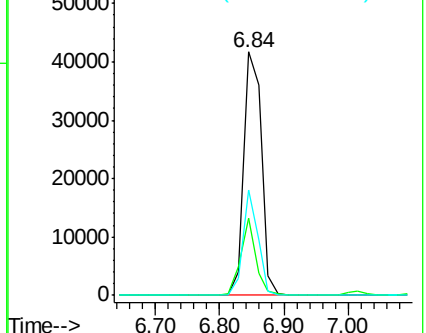
71 36.2 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BM001581.D (-257) (-)

Ion 42.00 (41.70 to 42.70): BM001581.D (-257) (-)

Ion 71.00 (70.70 to 71.70): BM001581.D (-257) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Tgt Ion: 136 Resp: 80811

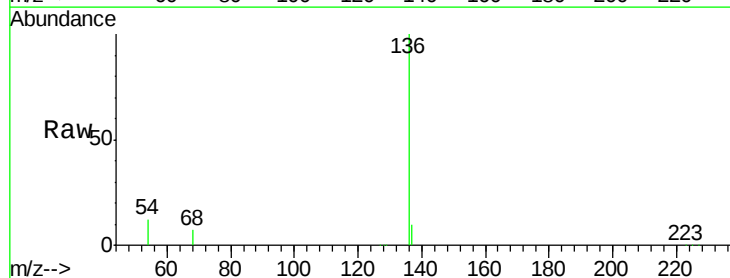
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 12.3 11.7 17.5

68 7.2 6.6 9.8

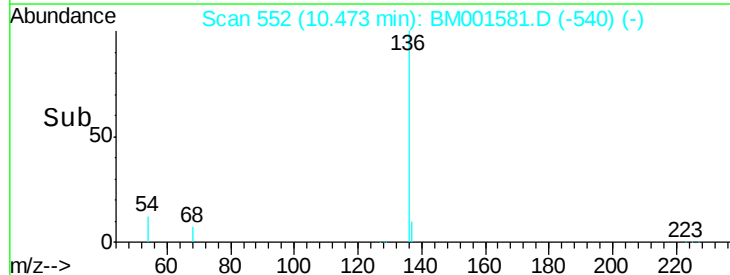
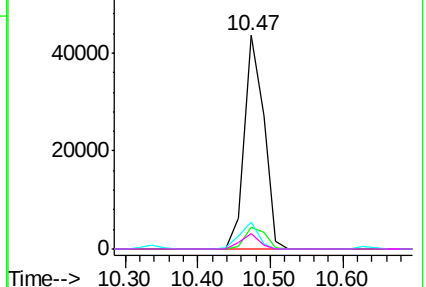


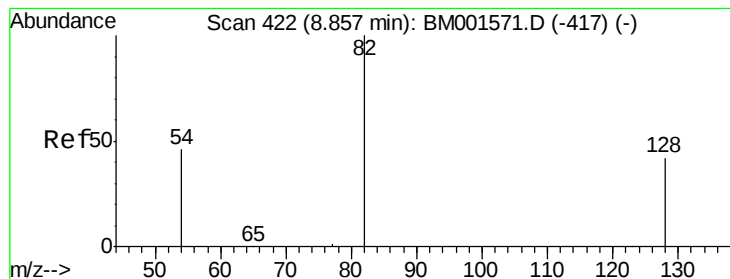
Abundance Ion 136.00 (135.70 to 136.70): BM001581.D (-540) (-)

Ion 137.00 (136.70 to 137.70): BM001581.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BM001581.D (-540) (-)

Ion 68.00 (67.70 to 68.70): BM001581.D (-540) (-)





#7

Nitrobenzene-d5

Concen: 8.86 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

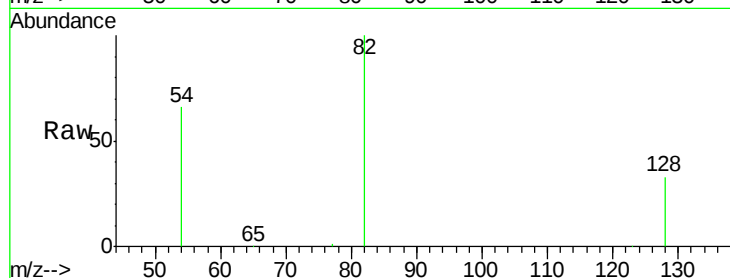
Tgt Ion: 82 Resp: 48744

Ion Ratio Lower Upper

82 100

128 32.5 34.1 51.1#

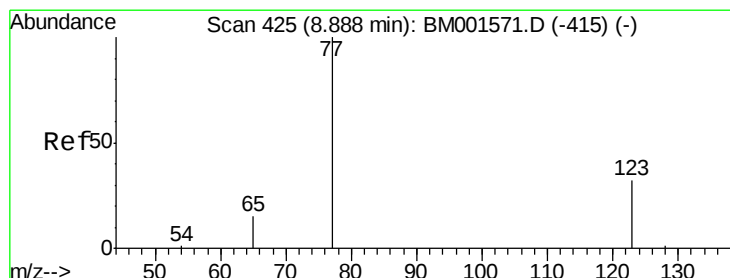
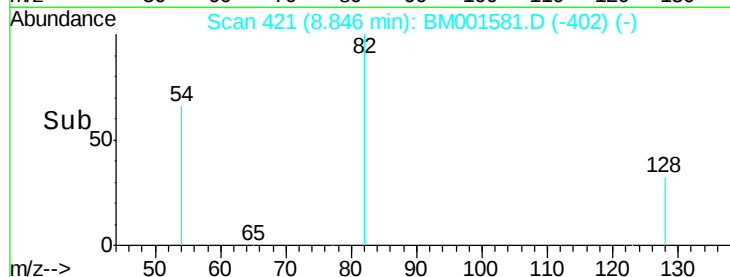
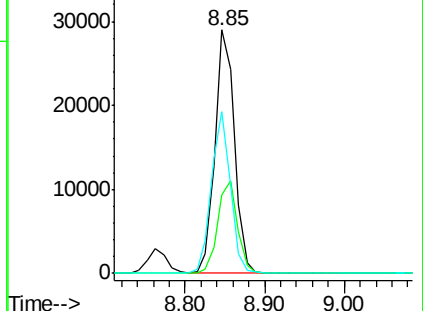
54 66.4 37.8 56.6#



Abundance Ion 82.00 (81.70 to 82.70): BM001571.D (-417) (-)

Ion 128.00 (127.70 to 128.70): BM001571.D (-417) (-)

Ion 54.00 (53.70 to 54.70): BM001571.D (-417) (-)



#8

Nitrobenzene

Concen: 9.06 ng

RT: 8.89 min Scan# 425

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

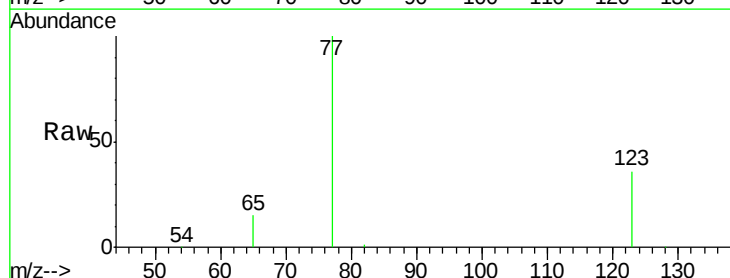
Tgt Ion: 77 Resp: 53453

Ion Ratio Lower Upper

77 100

123 40.5 31.7 47.5

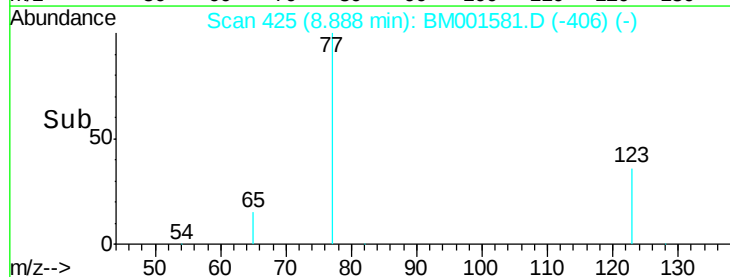
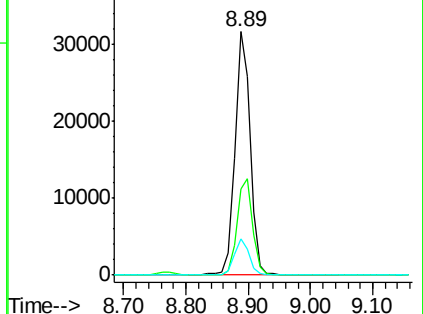
65 14.6 11.4 17.0

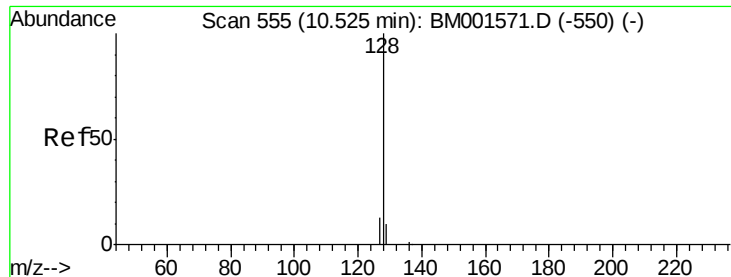


Abundance Ion 77.00 (76.70 to 77.70): BM001571.D (-415) (-)

Ion 123.00 (122.70 to 123.70): BM001571.D (-415) (-)

Ion 65.00 (64.70 to 65.70): BM001571.D (-415) (-)





#9

Naphthalene

Concen: 7.98 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

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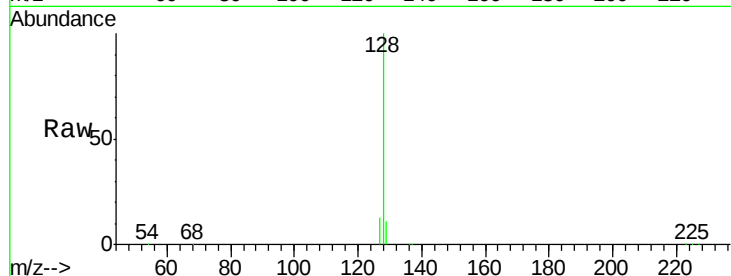
Tgt Ion:128 Resp: 139338

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

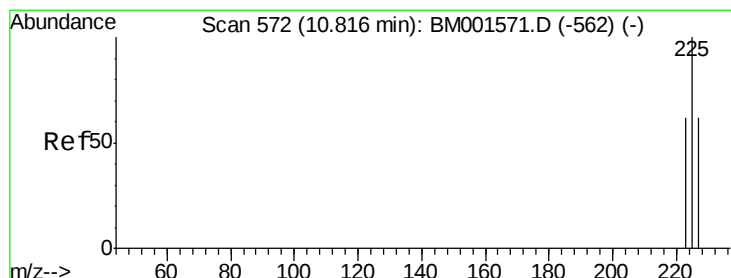
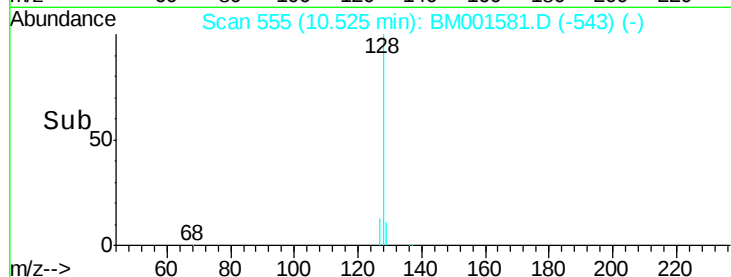
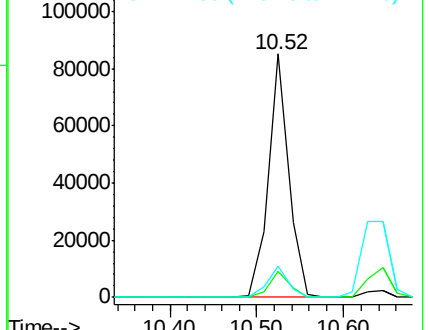
127 12.7 10.7 16.1



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: 8.04 ng

RT: 10.82 min Scan# 572

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

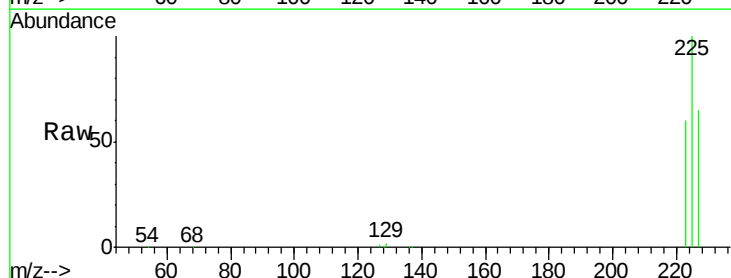
Tgt Ion:225 Resp: 24473

Ion Ratio Lower Upper

225 100

223 63.1 50.4 75.6

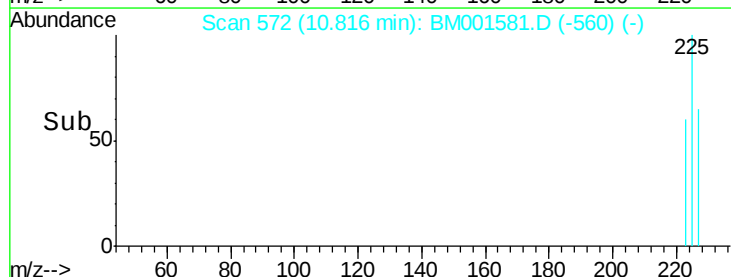
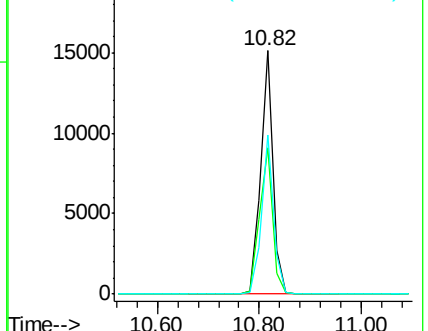
227 63.6 50.8 76.2

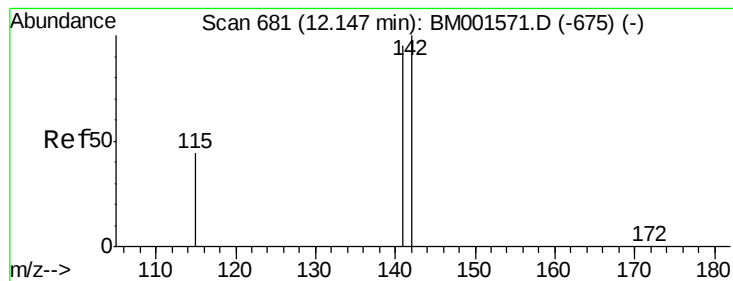


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 8.33 ng

RT: 12.15 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

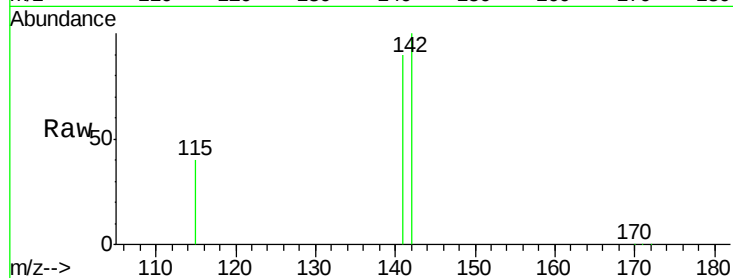
Tgt Ion:142 Resp: 90943

Ion Ratio Lower Upper

142 100

141 89.5 75.6 113.4

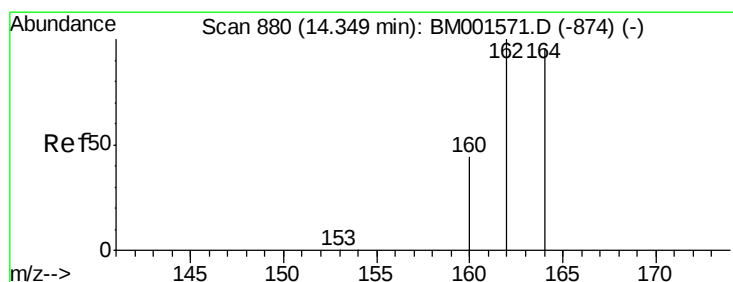
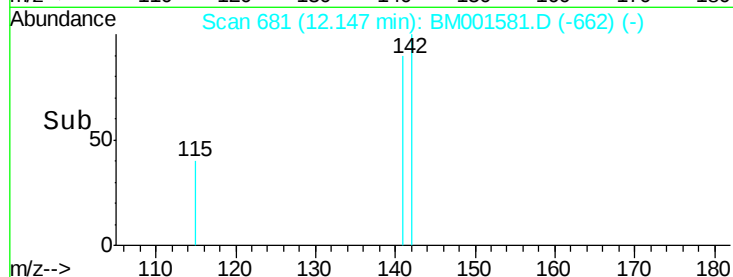
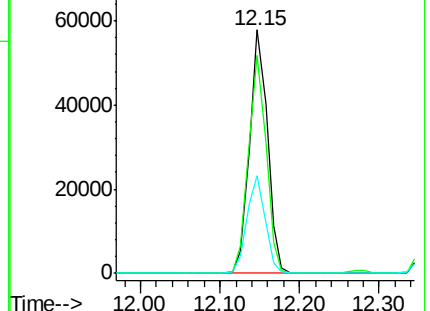
115 40.3 35.5 53.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

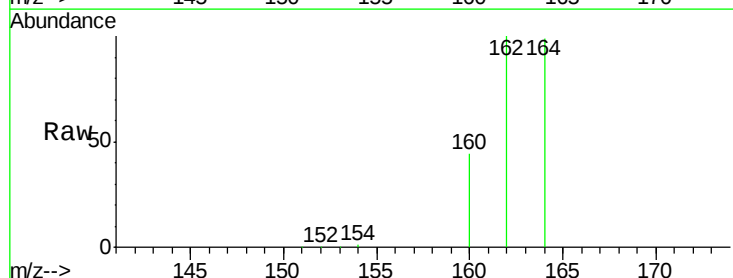
Tgt Ion:164 Resp: 38918

Ion Ratio Lower Upper

164 100

162 100.8 83.8 125.6

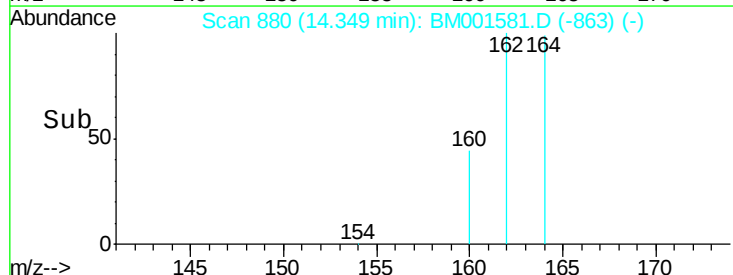
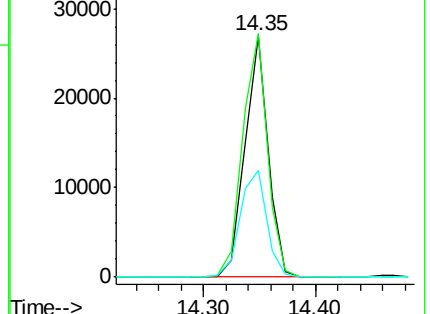
160 44.4 37.1 55.7

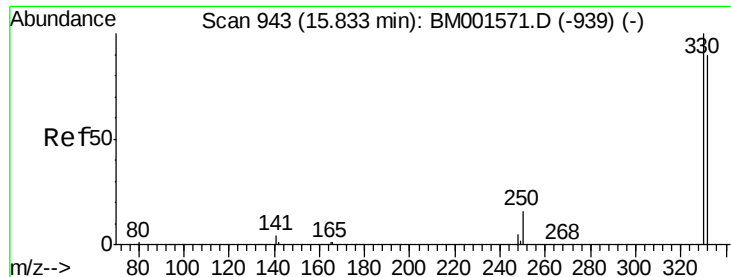


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

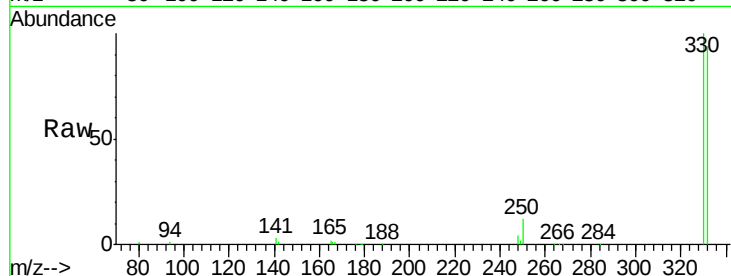




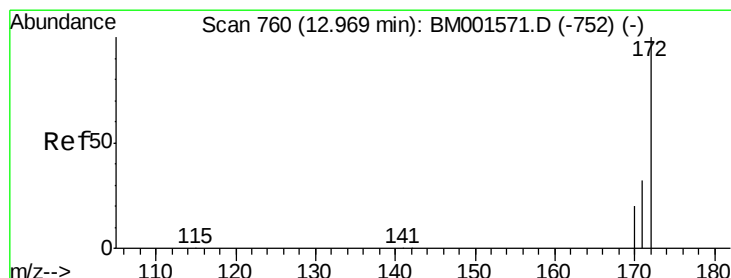
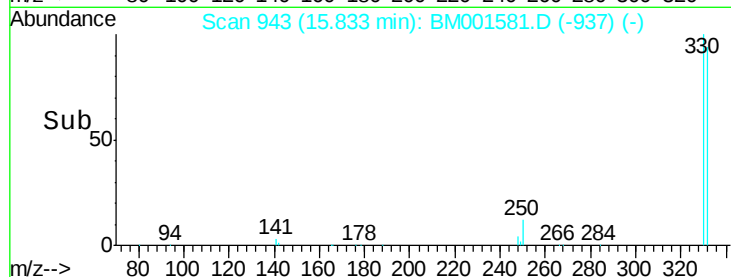
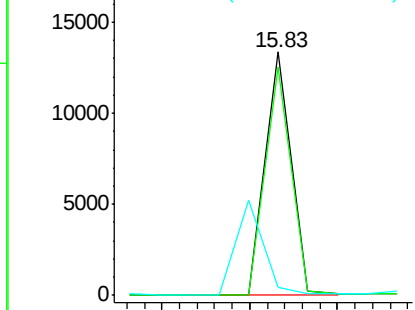
#13
 2,4,6-Tribromophenol
 Concen: 14.81 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BM001581.D
 Acq: 06 Jun 2015 06:53

Instrument :
 BNA_M
 ClientSampleId :
 PB83718BS

Tgt Ion:330 Resp: 27609
 Ion Ratio Lower Upper
 330 100
 332 93.9 72.0 108.0
 141 0.0 0.0 0.0

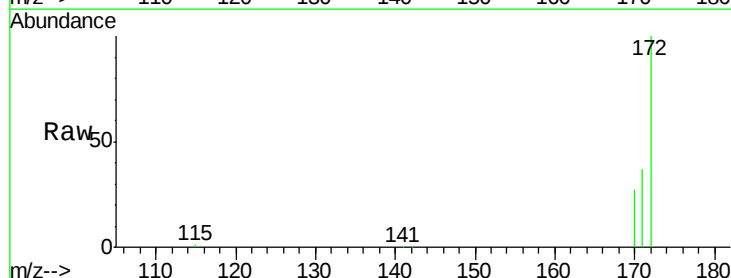


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

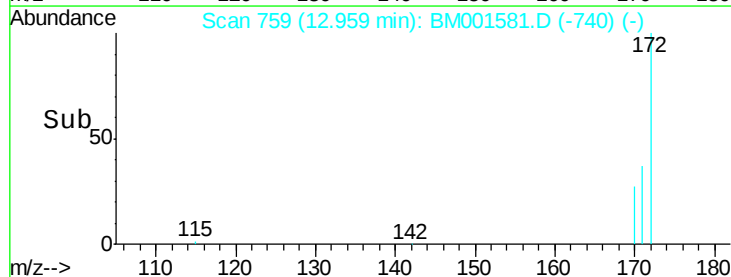
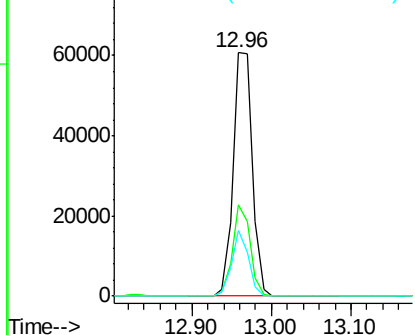


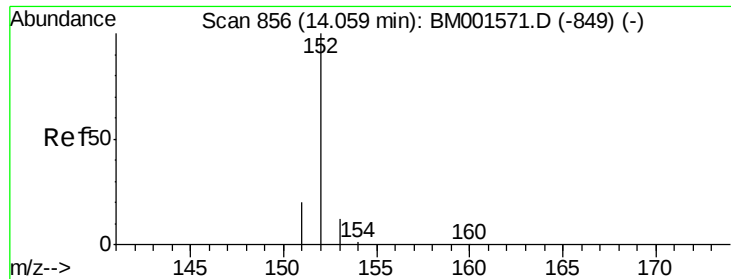
#14
 2-Fluorobiphenyl
 Concen: 8.43 ng
 RT: 12.96 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BM001581.D
 Acq: 06 Jun 2015 06:53

Tgt Ion:172 Resp: 101079
 Ion Ratio Lower Upper
 172 100
 171 37.3 26.2 39.2
 170 26.8 16.1 24.1#



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

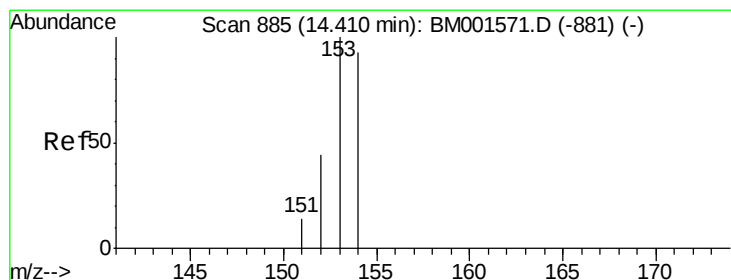
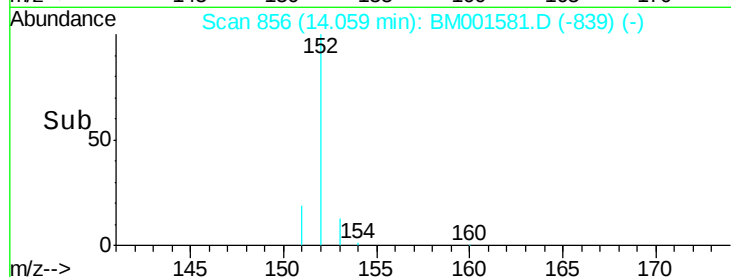
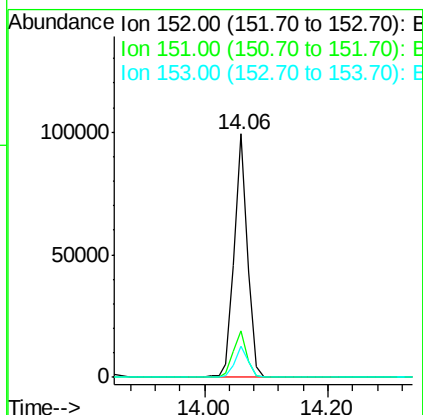
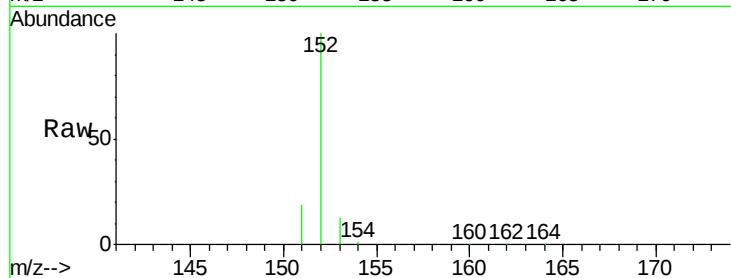




#15
Acenaphthylene
Concen: 8.60 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001581.D
Acq: 06 Jun 2015 06:53

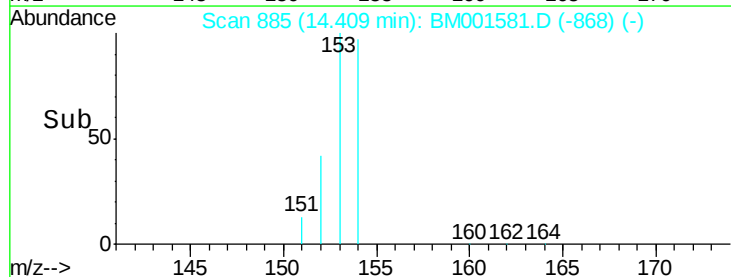
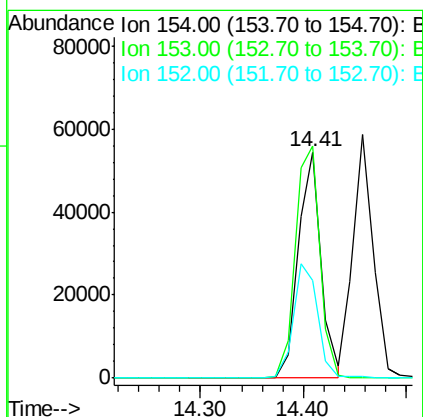
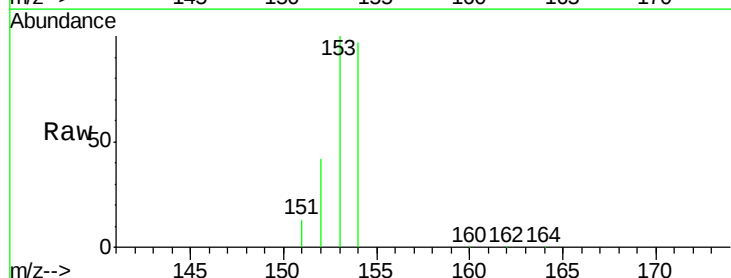
Instrument :
BNA_M
ClientSampleId :
PB83718BS

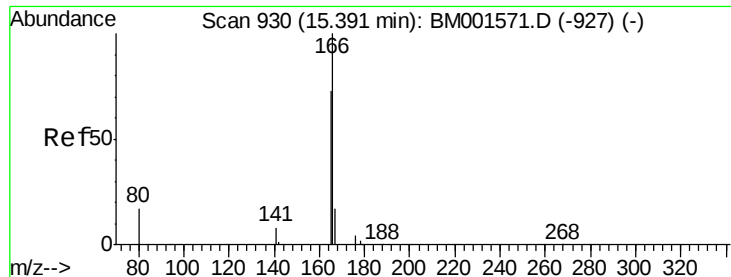
Tgt Ion:152 Resp: 144425
Ion Ratio Lower Upper
152 100
151 19.2 15.2 22.8
153 12.9 10.3 15.5



#16
Acenaphthene
Concen: 7.96 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001581.D
Acq: 06 Jun 2015 06:53

Tgt Ion:154 Resp: 84198
Ion Ratio Lower Upper
154 100
153 110.9 89.1 133.7
152 53.5 43.2 64.8

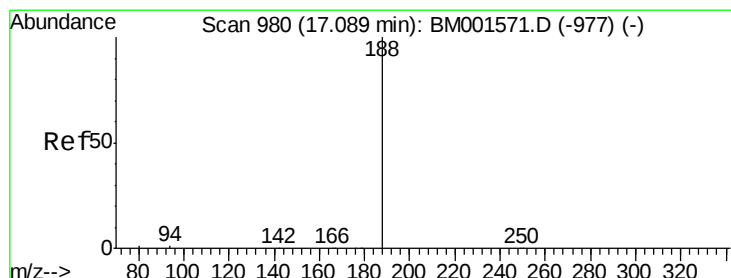
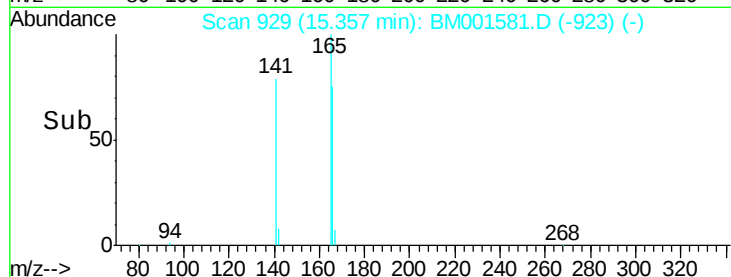
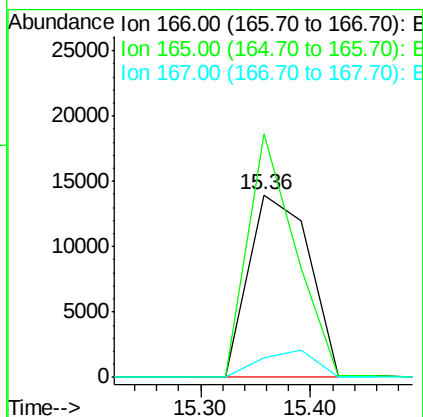
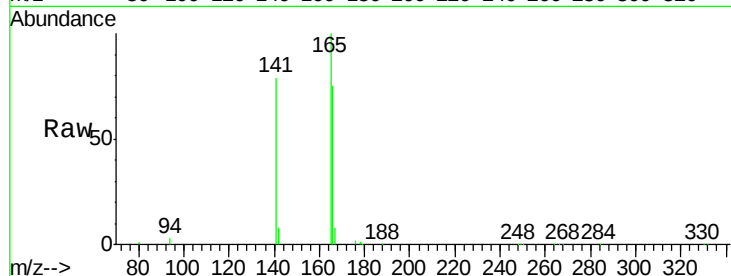




#17
Fluorene
 Concen: 7.73 ng
 RT: 15.36 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BM001581.D
 Acq: 06 Jun 2015 06:53

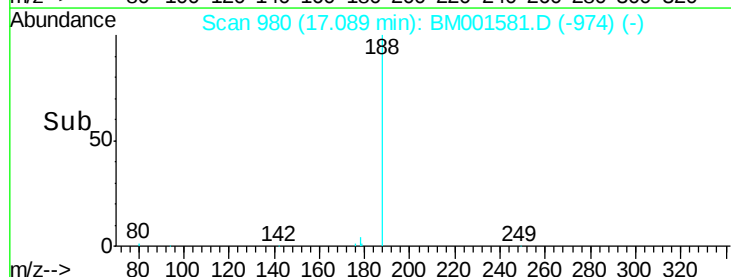
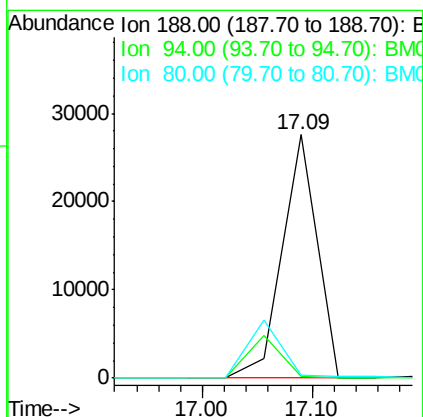
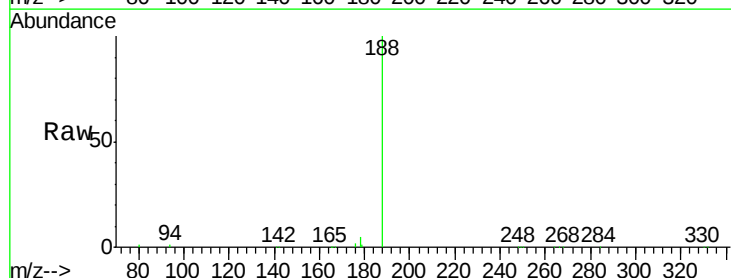
Instrument :
 BNA_M
 ClientSampleId :
 PB83718BS

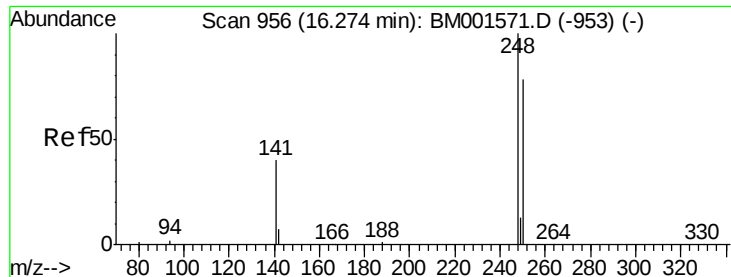
Tgt Ion:166 Resp: 52678
 Ion Ratio Lower Upper
 166 100
 165 104.2 0.0 0.0#
 167 0.0 11.3 16.9#



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.09 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BM001581.D
 Acq: 06 Jun 2015 06:53

Tgt Ion:188 Resp: 60789
 Ion Ratio Lower Upper
 188 100
 94 0.7 0.7 1.1#
 80 1.2 0.6 1.0#

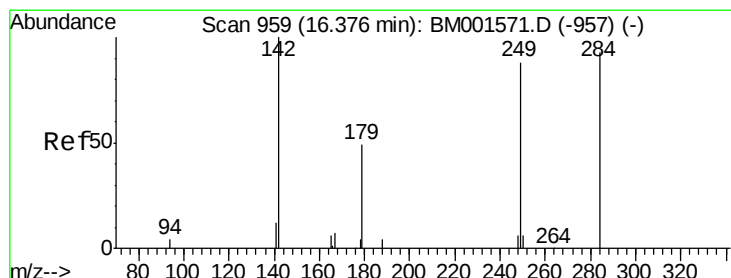
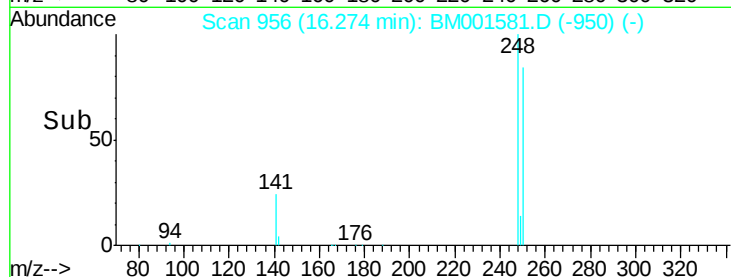
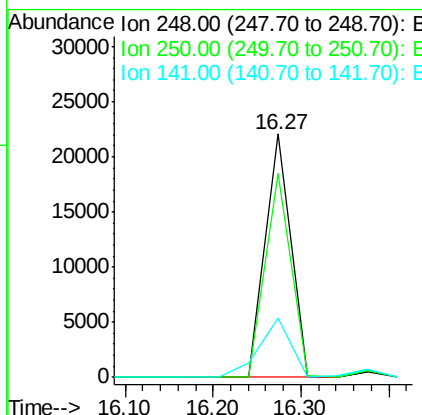
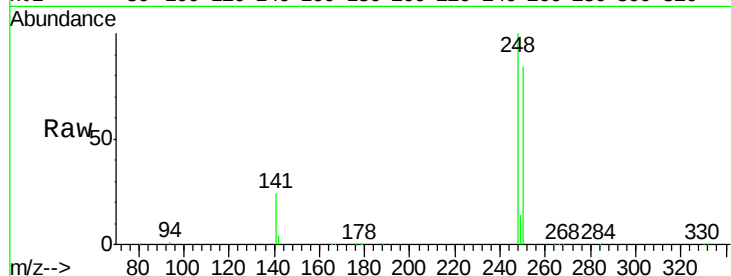




#19
4-Bromophenyl-phenylether
Concen: 9.30 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001581.D
Acq: 06 Jun 2015 06:53

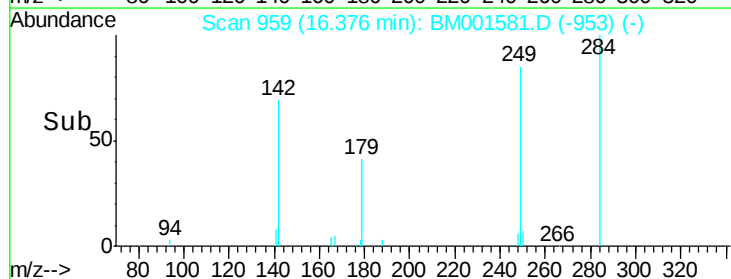
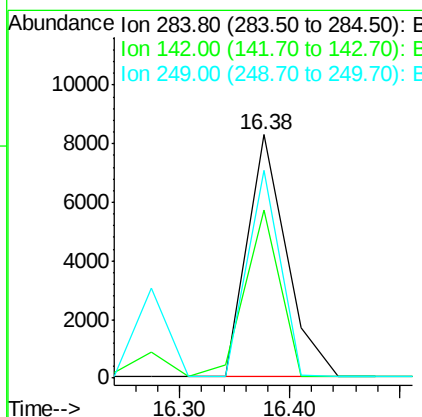
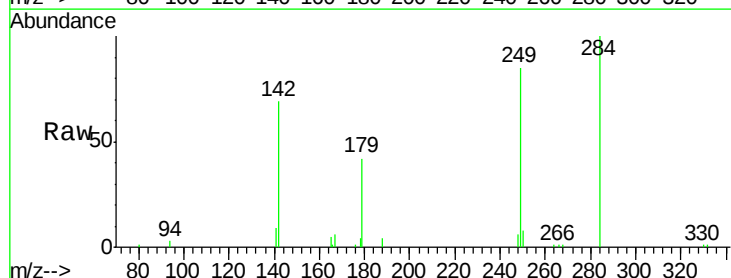
Instrument :
BNA_M
ClientSampleId :
PB83718BS

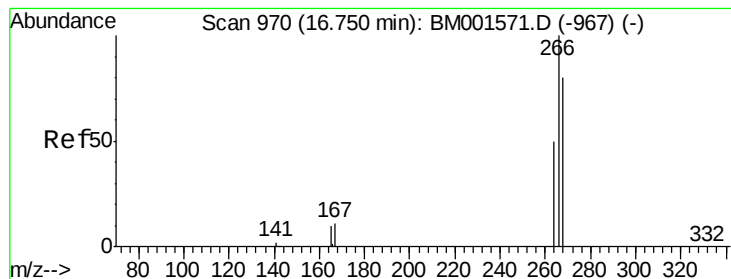
Tgt Ion: 248 Resp: 45019
Ion Ratio Lower Upper
248 100
250 84.0 63.1 94.7
141 29.8 35.0 52.6#



#20
Hexachlorobenzene
Concen: 10.49 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001581.D
Acq: 06 Jun 2015 06:53

Tgt Ion: 284 Resp: 20270
Ion Ratio Lower Upper
284 100
142 69.6 64.2 96.2
249 71.3 55.4 83.0





#21

Pentachlorophenol

Concen: 122.60 ng

RT: 16.75 min Scan# 970

Delta R.T. 0.03 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

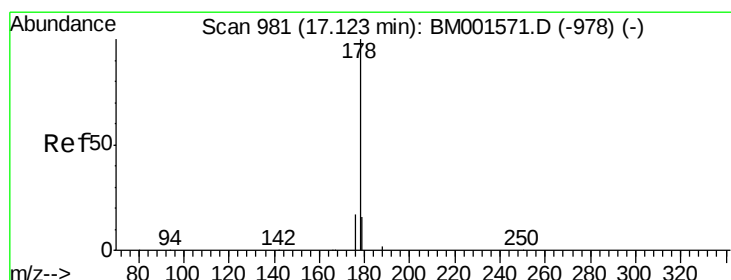
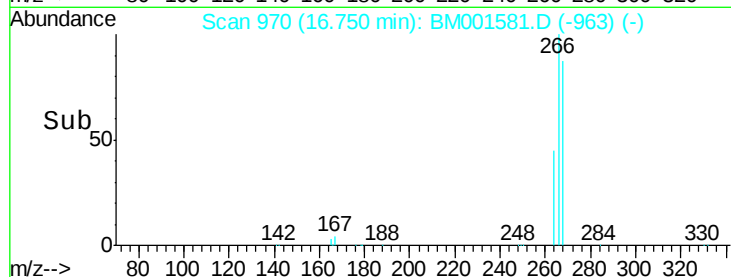
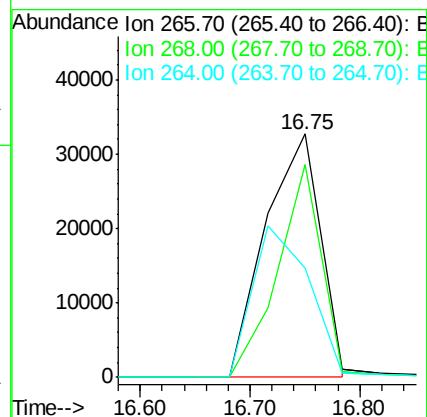
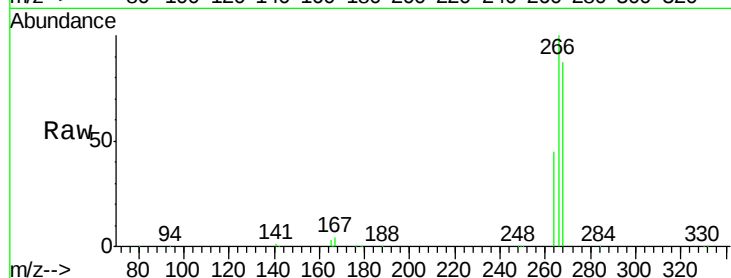
Tgt Ion:266 Resp: 113769

Ion Ratio Lower Upper

266 100

268 87.5 66.3 99.5

264 44.8 45.5 68.3#



#22

Phenanthrene

Concen: 8.54 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

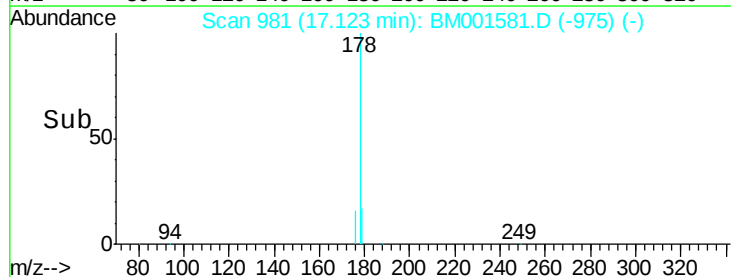
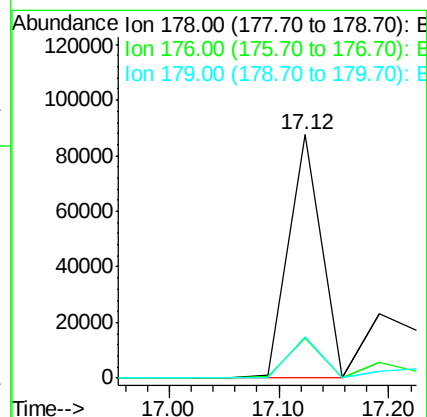
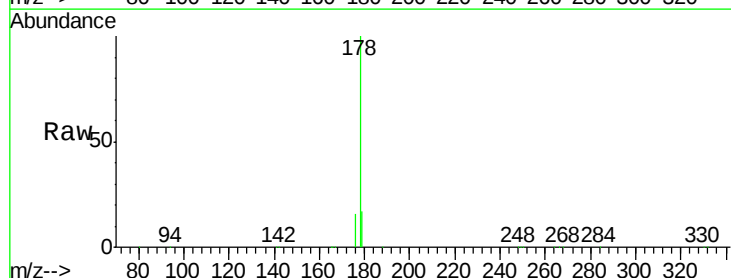
Tgt Ion:178 Resp: 181011

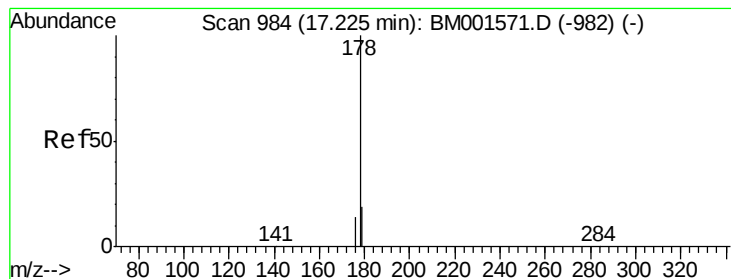
Ion Ratio Lower Upper

178 100

176 16.6 13.5 20.3

179 16.7 13.3 19.9





#23

Anthracene

Concen: 29.53 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

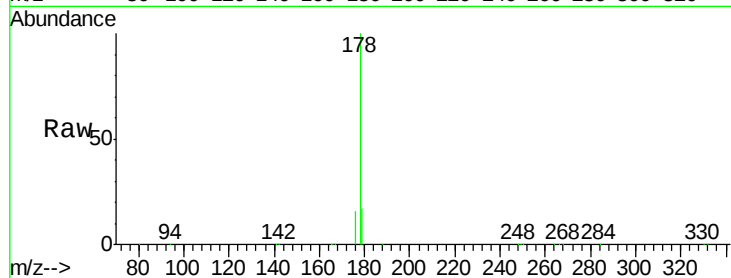
Tgt Ion:178 Resp: 263777

Ion Ratio Lower Upper

178 100

176 17.6 45.9 68.9#

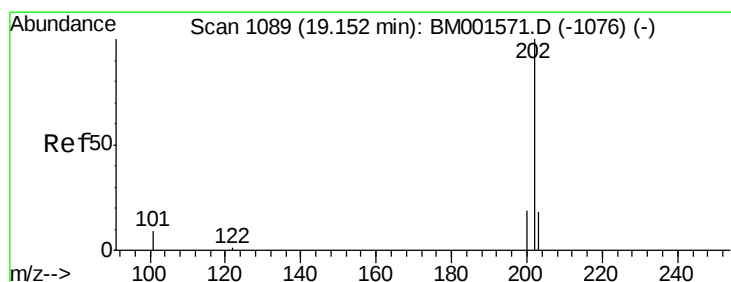
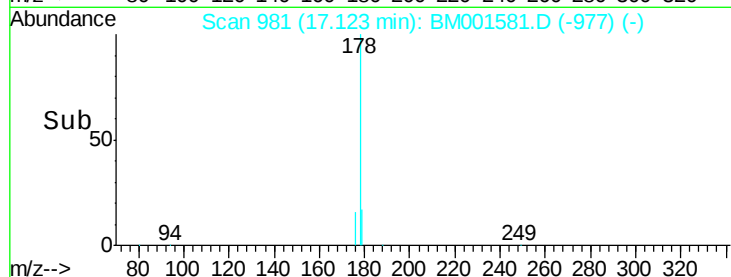
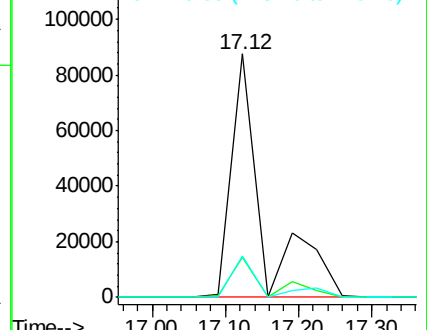
179 16.4 33.3 49.9#



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: 10.43 ng

RT: 19.15 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

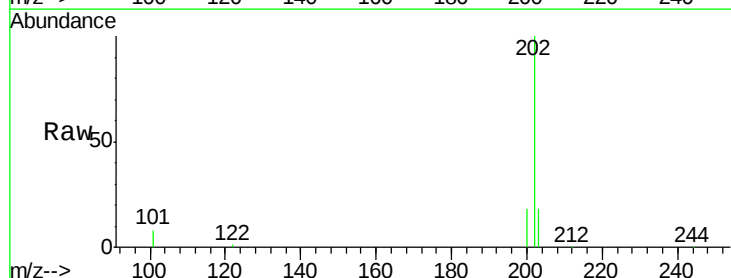
Tgt Ion:202 Resp: 171981

Ion Ratio Lower Upper

202 100

101 12.9 10.0 15.0

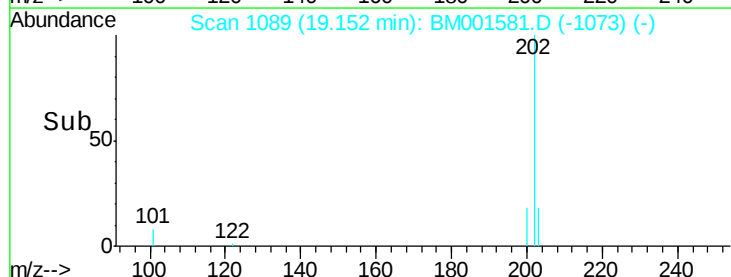
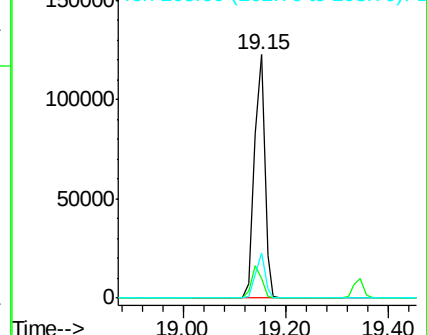
203 17.2 13.9 20.9

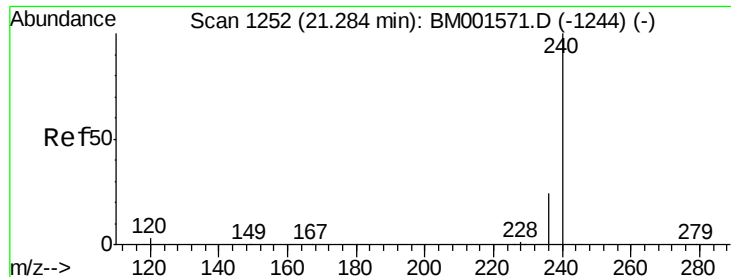


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

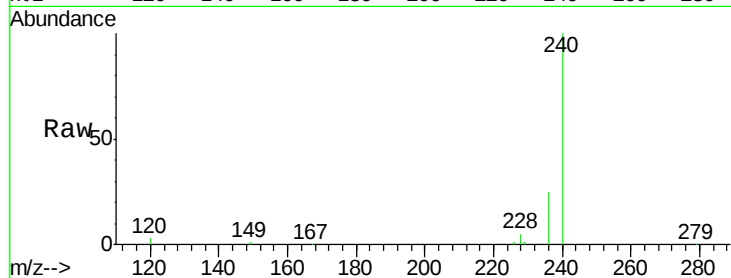
Tgt Ion:240 Resp: 64406

Ion Ratio Lower Upper

240 100

120 2.8 2.2 3.2

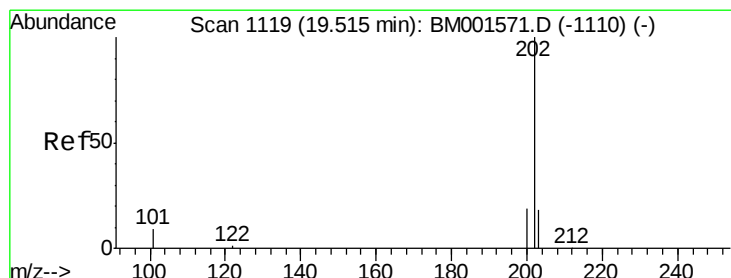
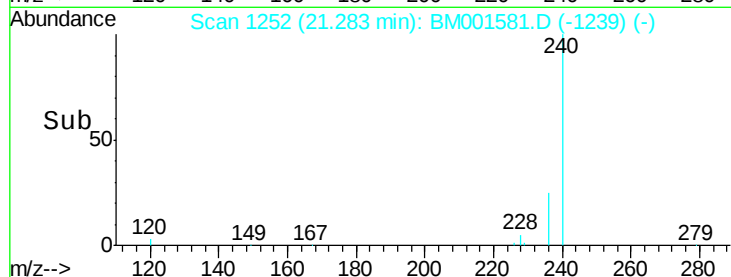
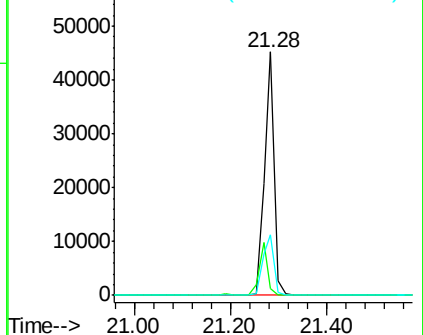
236 24.7 19.5 29.3



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: 8.97 ng

RT: 19.52 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

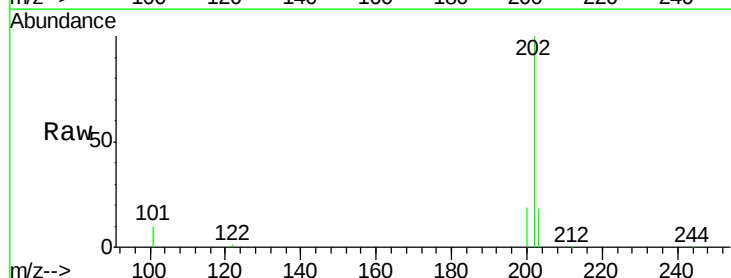
Tgt Ion:202 Resp: 185932

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

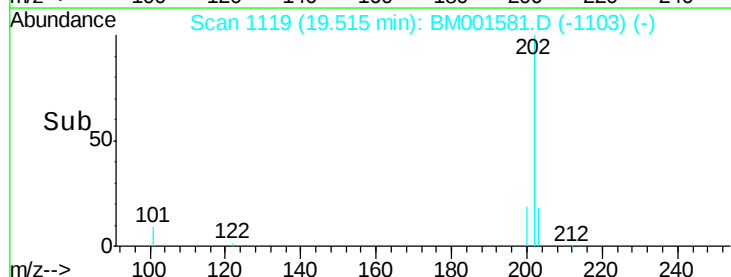
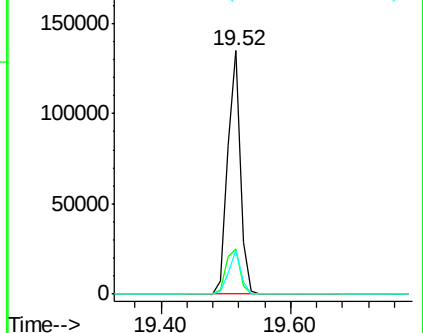
203 17.8 13.9 20.9

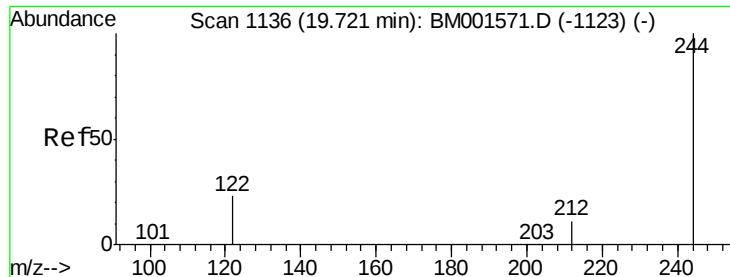


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 8.66 ng

RT: 19.72 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

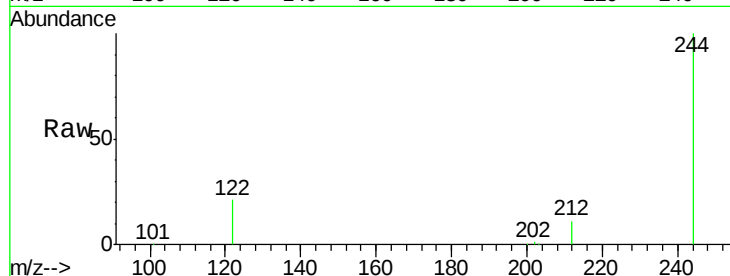
Tgt Ion:244 Resp: 72006

Ion Ratio Lower Upper

244 100

212 11.3 9.6 14.4

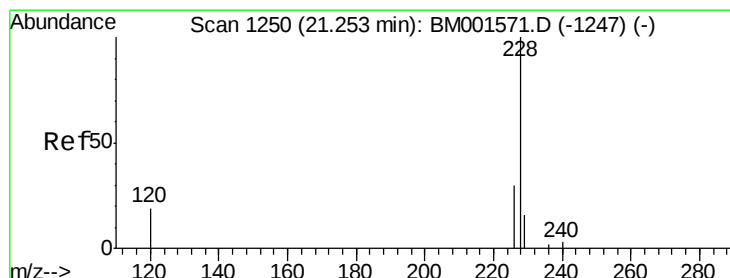
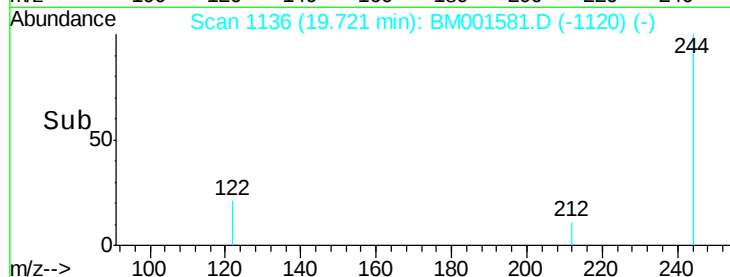
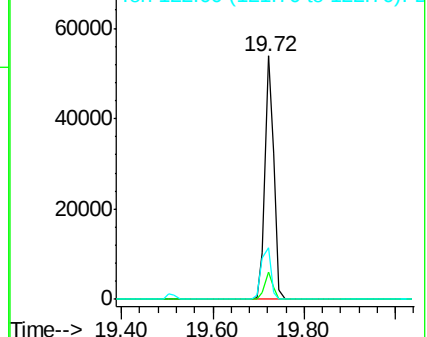
122 21.0 19.0 28.4



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



#28

Benzo(a)anthracene

Concen: 8.66 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

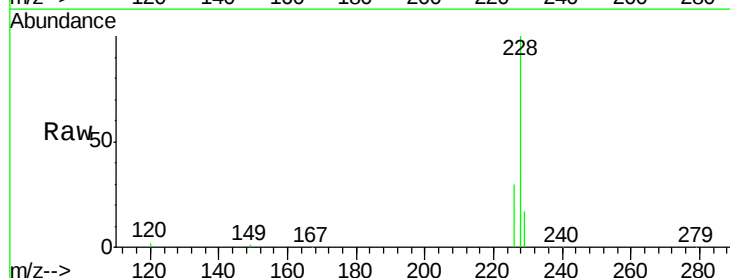
Tgt Ion:228 Resp: 157126

Ion Ratio Lower Upper

228 100

226 30.2 24.8 37.2

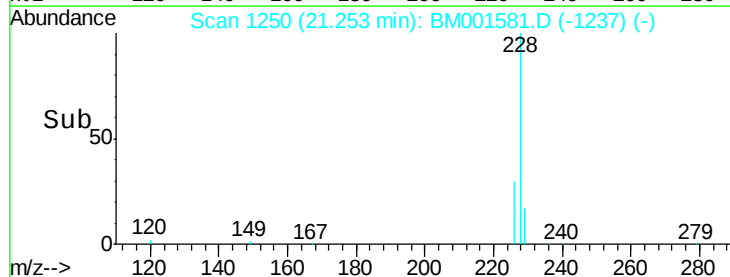
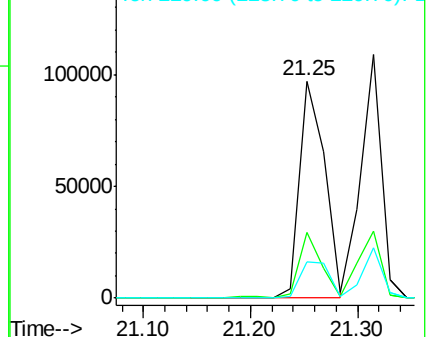
229 16.9 13.4 20.0

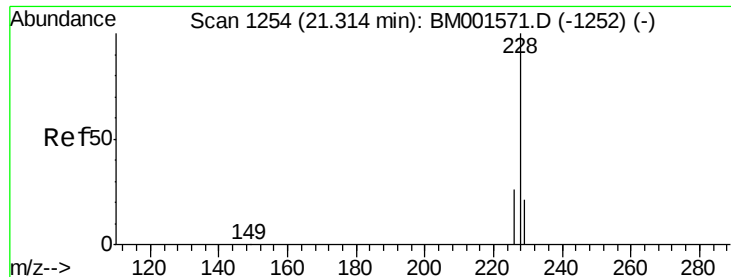


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 8.45 ng

RT: 21.31 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

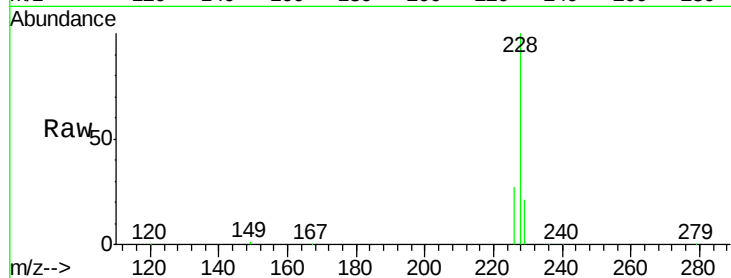
Tgt Ion:228 Resp: 146444

Ion Ratio Lower Upper

228 100

226 27.5 21.0 31.6

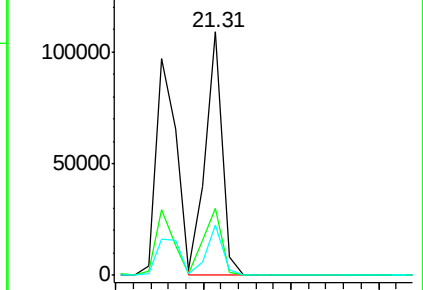
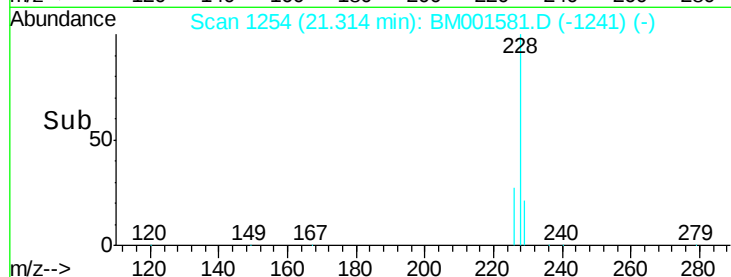
229 20.6 17.2 25.8



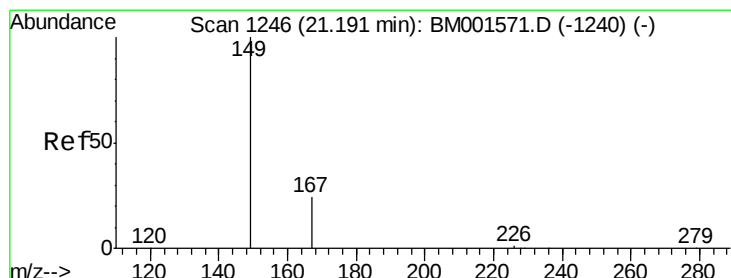
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 10.45 ng

RT: 21.19 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

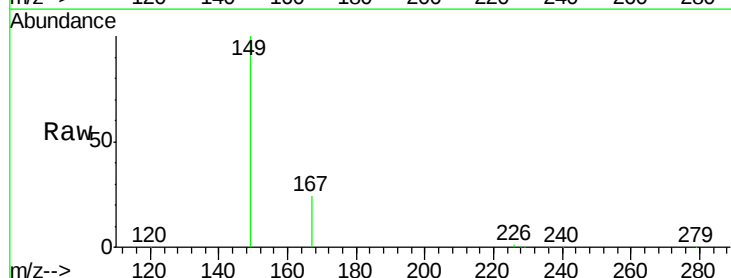
Tgt Ion:149 Resp: 127736

Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.2

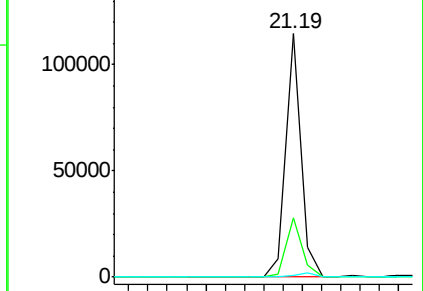
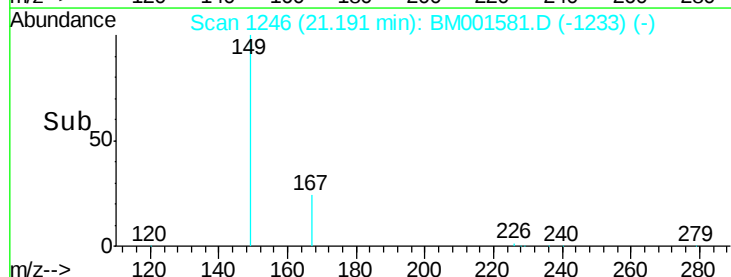
279 2.0 1.8 2.6

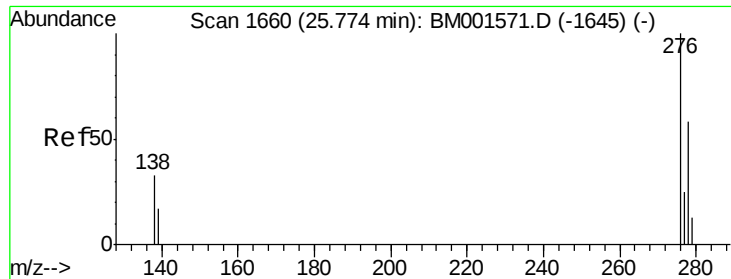


Abundance Ion 149.00 (148.70 to 149.70): E

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: 7.02 ng

RT: 25.77 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

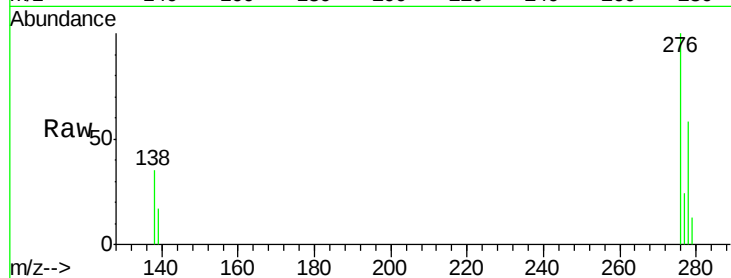
Tgt Ion:276 Resp: 130618

Ion Ratio Lower Upper

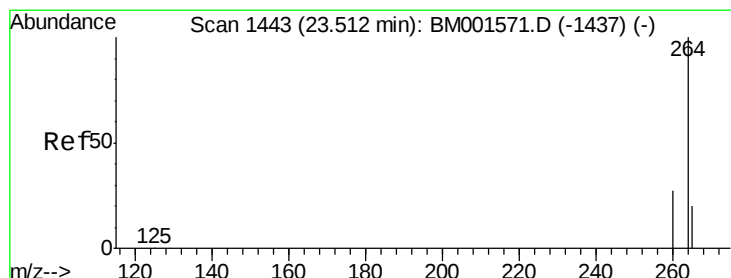
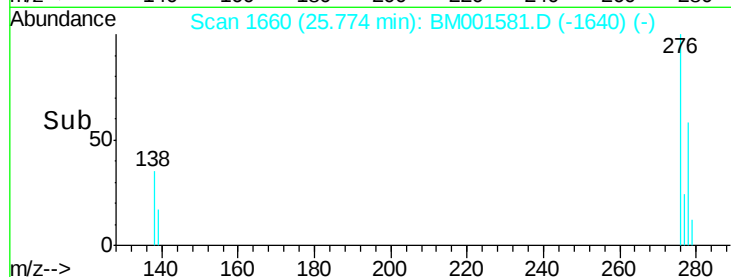
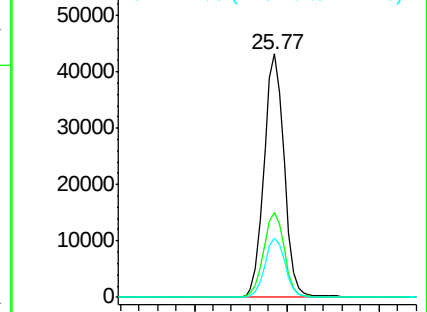
276 100

138 35.8 28.0 42.0

277 24.6 19.7 29.5



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

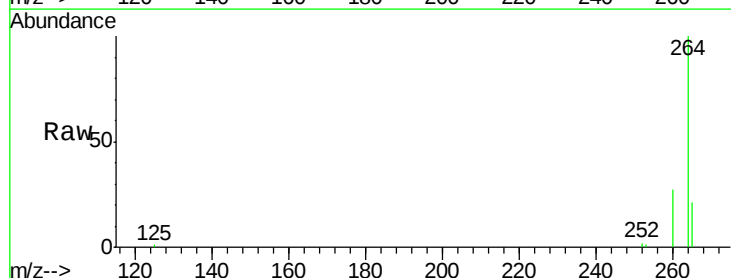
Tgt Ion:264 Resp: 52512

Ion Ratio Lower Upper

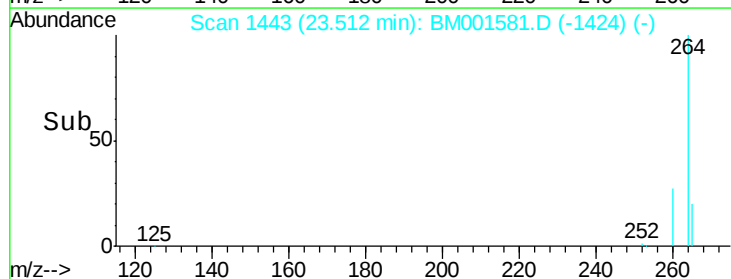
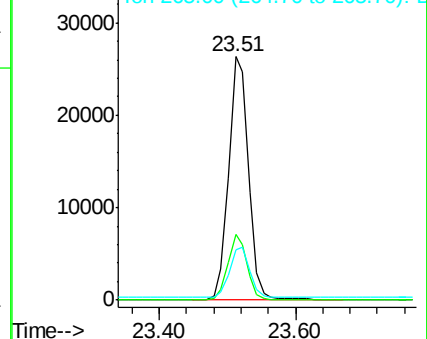
264 100

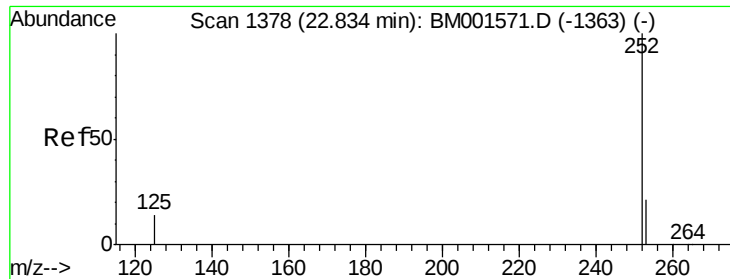
260 27.1 21.6 32.4

265 20.9 16.5 24.7



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: 9.37 ng

RT: 22.83 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

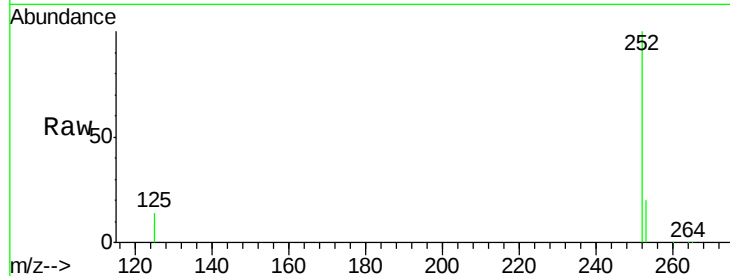
Tgt Ion:252 Resp: 146938

Ion Ratio Lower Upper

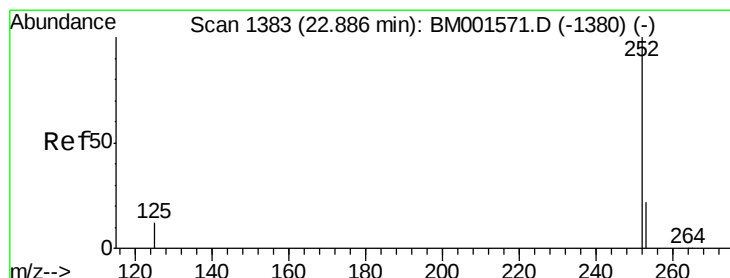
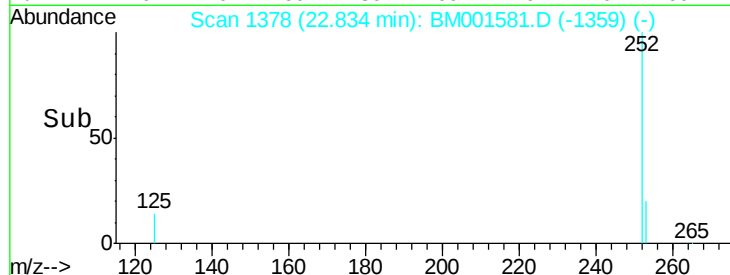
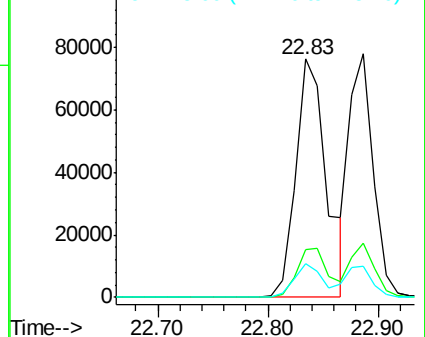
252 100

253 20.3 17.4 26.2

125 14.4 11.8 17.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 8.19 ng

RT: 22.89 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

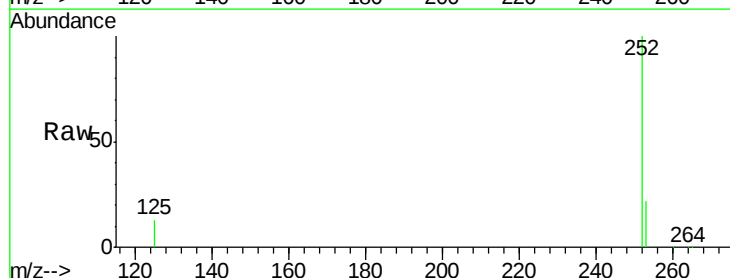
Tgt Ion:252 Resp: 116994

Ion Ratio Lower Upper

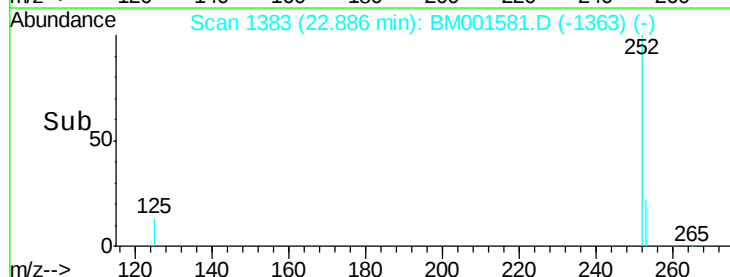
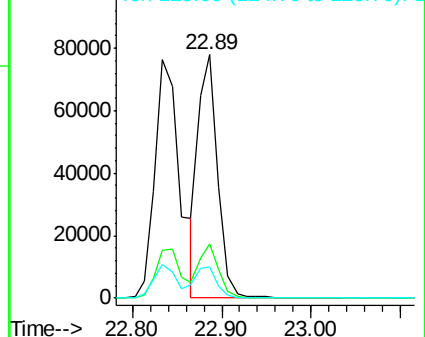
252 100

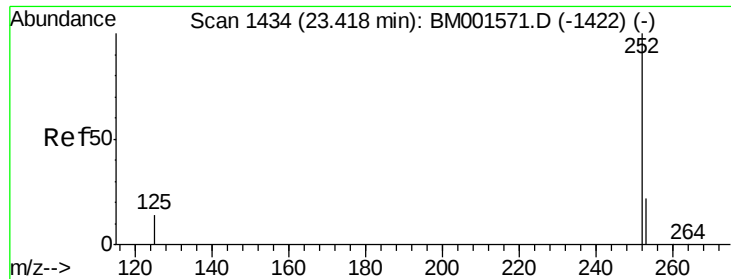
253 22.3 18.8 28.2

125 12.7 10.7 16.1



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: 8.99 ng

RT: 23.42 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS

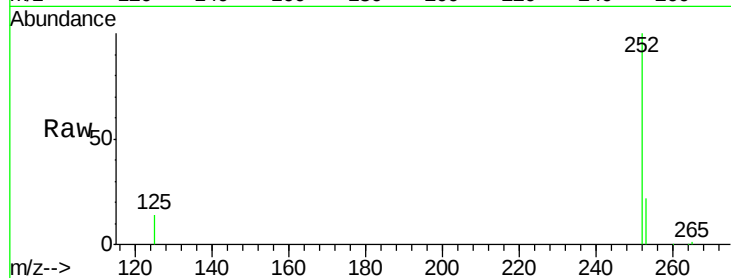
Tgt Ion:252 Resp: 123163

Ion Ratio Lower Upper

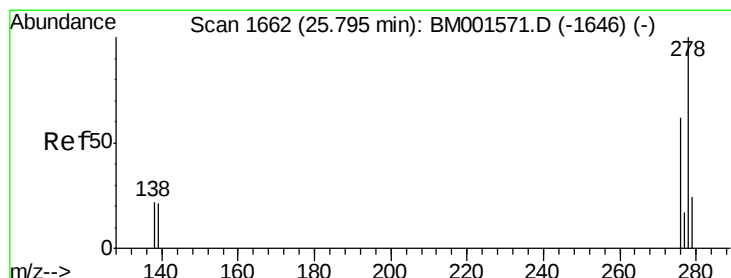
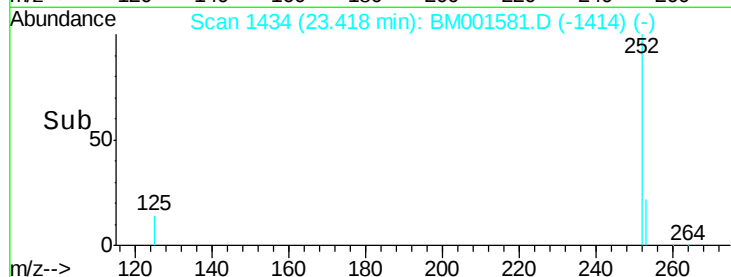
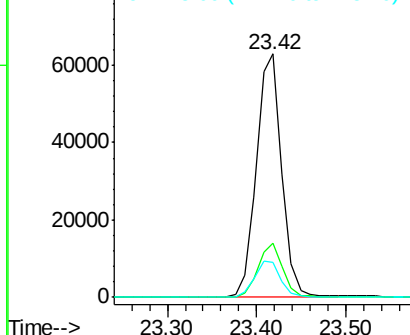
252 100

253 22.3 18.8 28.2

125 14.2 12.1 18.1



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: 7.81 ng

RT: 25.79 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BM001581.D

Acq: 06 Jun 2015 06:53

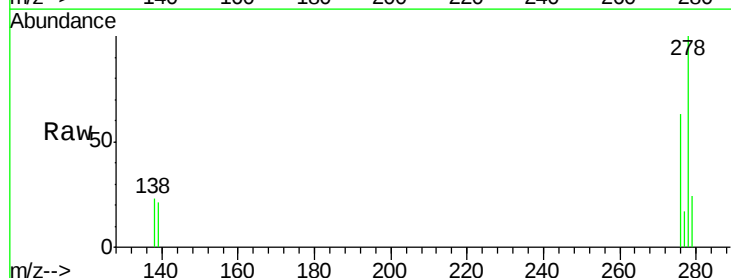
Tgt Ion:278 Resp: 105033

Ion Ratio Lower Upper

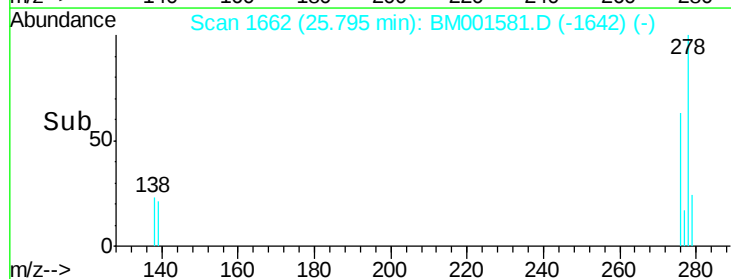
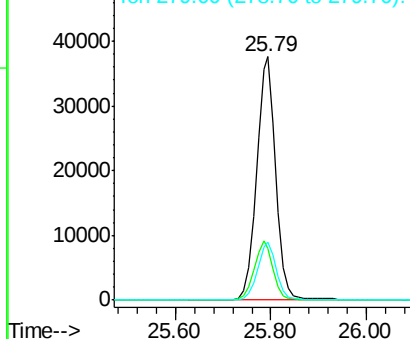
278 100

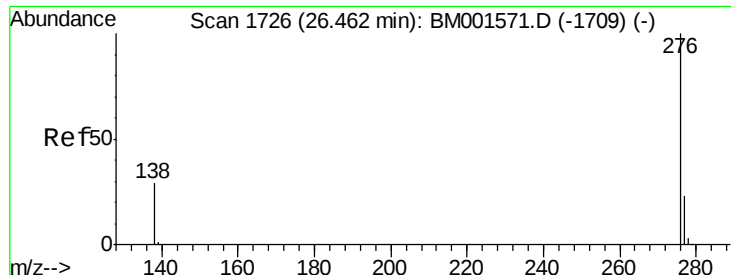
139 21.2 17.4 26.0

279 24.0 20.0 30.0



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: 7.68 ng

RT: 26.46 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BM001581.D

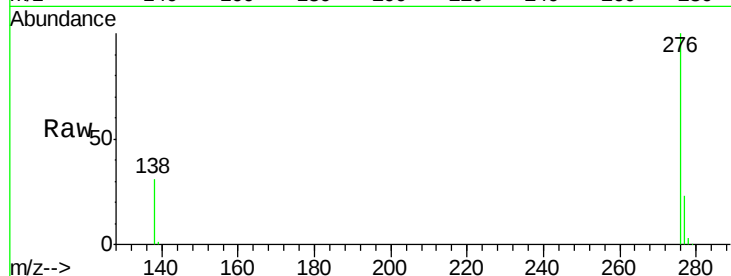
Acq: 06 Jun 2015 06:53

Instrument :

BNA_M

ClientSampleId :

PB83718BS



Tgt Ion: 276 Resp: 108514

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 30.5 23.7 35.5

