

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122915\
 Data File : BM003830.D
 Acq On : 28 Dec 2015 16:08
 Operator : UM/SJ
 Sample : PB87573BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87573BS

Quant Time: Dec 29 01:24:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 10:08:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	247189	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	997654	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	501787	5.00	ng	0.00
19) Phenanthrene-d10	17.09	188	827382	5.00	ng	0.03
26) Chrysene-d12	21.29	240	717663	5.00	ng	0.00
35) Perylene-d12	23.53	264	574949	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	1846382	31.61	ng	0.02
5) Phenol-d6	6.87	99	2245887	31.40	ng	0.00
8) Nitrobenzene-d5	8.85	82	1327659	25.11	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	521157	32.56	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	3109984	20.26	ng	0.00
29) Terphenyl-d14	19.72	244	1811109	16.11	ng	0.00

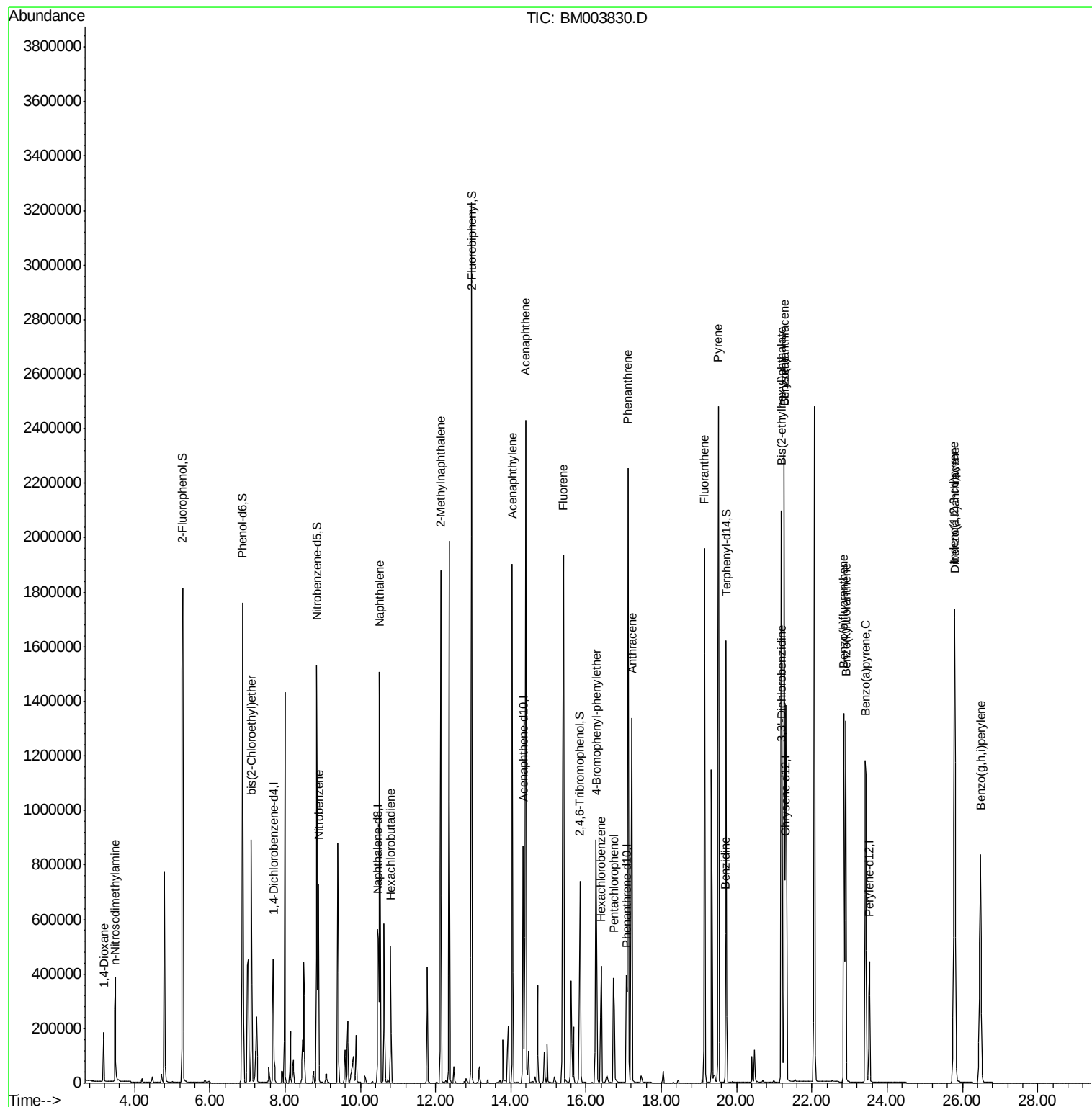
Target Compounds					Qvalue
2) 1,4-Dioxane	3.18	88	154223	6.87 ng	94
3) n-Nitrosodimethylamine	3.48	42	259262	9.85 ng	96
6) bis(2-Chloroethyl)ether	7.11	93	616994	9.70 ng	100
9) Nitrobenzene	8.89	77	705573	11.75 ng	93
10) Naphthalene	10.51	128	2157503	9.47 ng	100
11) Hexachlorobutadiene	10.80	225	360495	10.25 ng	100
12) 2-Methylnaphthalene	12.14	142	1522946	10.01 ng	97
16) Acenaphthylene	14.04	152	2359728	10.33 ng	99
17) Acenaphthene	14.39	154	1454932	10.20 ng	99
18) Fluorene	15.39	166	1652162	9.88 ng	100
20) 4-Bromophenyl-phenylether	16.27	248	545531	10.12 ng	97
21) Hexachlorobenzene	16.40	284	513995	10.32 ng	# 98
22) Pentachlorophenol	16.73	266	427741	23.48 ng	# 68
23) Phenanthrene	17.11	178	2662104	9.40 ng	98
24) Anthracene	17.22	178	2236346	10.84 ng	99
25) Fluoranthene	19.14	202	2495191	9.31 ng	98
27) Benzidine	19.71	184	50815	1.12 ng	95
28) Pyrene	19.52	202	2587923	10.93 ng	98
30) Benzo(a)anthracene	21.27	228	3821887	17.79 ng	# 93
31) 3,3'-Dichlorobenzidine	21.21	252	786450	10.46 ng	93
32) Chrysene	21.27	228	3825343	20.04 ng	92
33) Bis(2-ethylhexyl)phthalate	21.19	149	2074131	12.89 ng	# 98
34) Indeno(1,2,3-cd)pyrene	25.79	276	1904430	12.55 ng	98
36) Benzo(b)fluoranthene	22.85	252	1801991	9.59 ng	95
37) Benzo(k)fluoranthene	22.90	252	1760051	10.16 ng	99
38) Benzo(a)pyrene	23.42	252	1759871	10.94 ng	96
39) Dibenzo(a,h)anthracene	25.80	278	1536102	12.18 ng	97
40) Benzo(g,h,i)perylene	26.48	276	1673825	12.68 ng	96

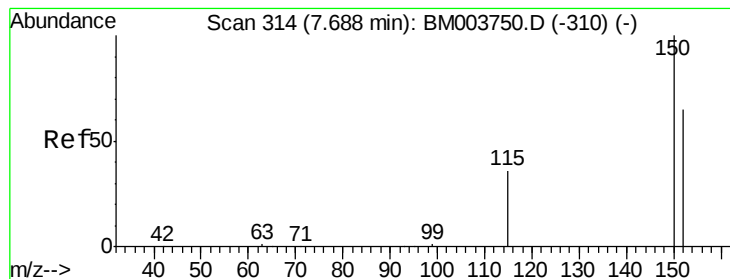
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

PB87573BS

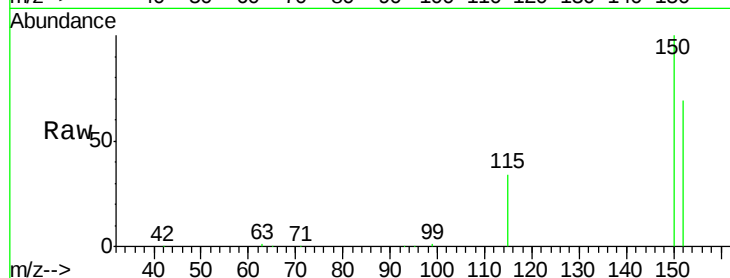
Tgt Ion:152 Resp: 247189

Ion Ratio Lower Upper

152 100

150 144.3 122.9 184.3

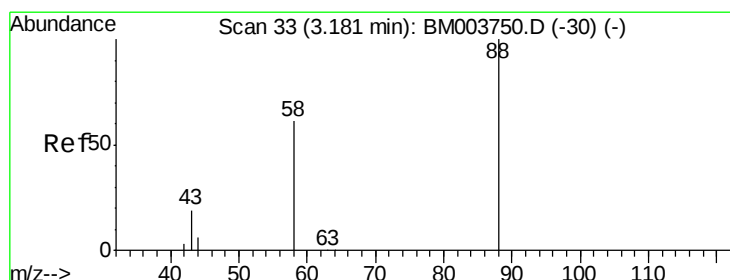
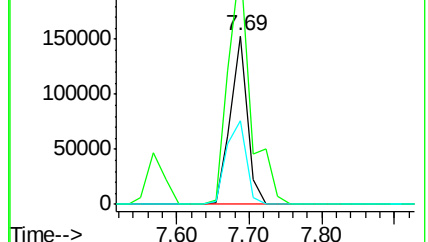
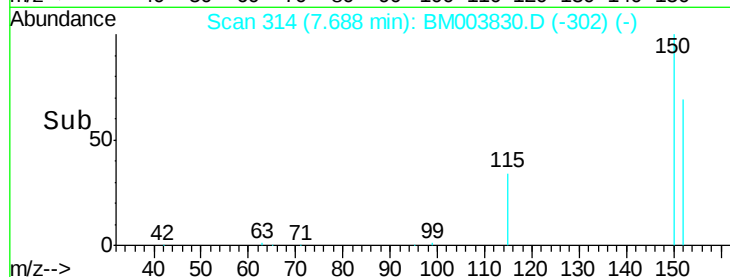
115 49.5 44.4 66.6



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: 6.87 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

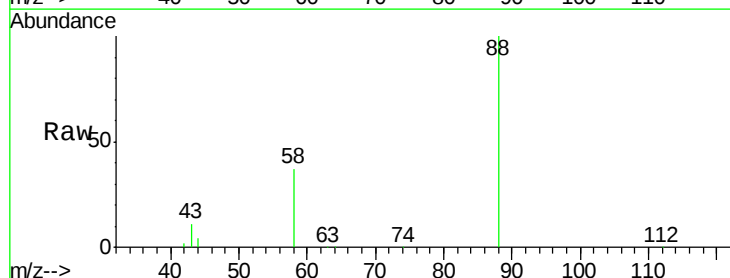
Tgt Ion: 88 Resp: 154223

Ion Ratio Lower Upper

88 100

58 71.8 53.8 80.6

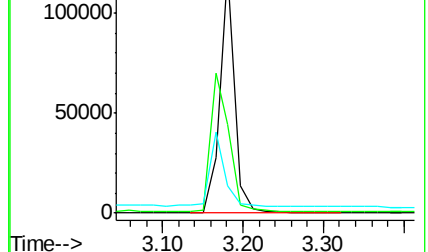
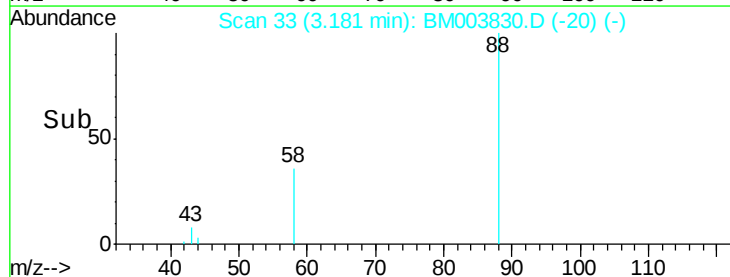
43 32.6 23.8 35.6

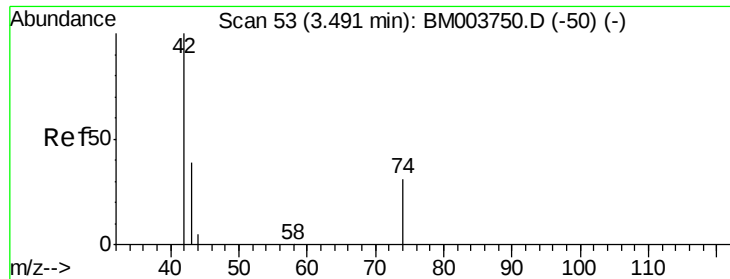


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 9.85 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

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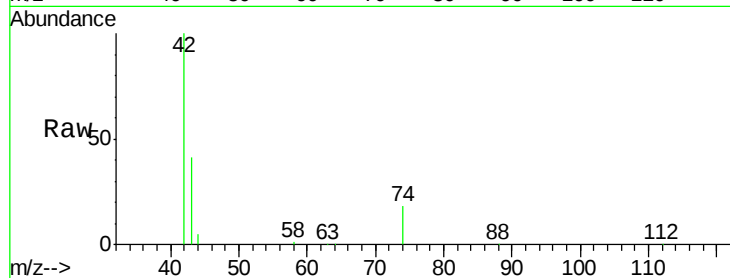
Tgt Ion: 42 Resp: 259262

Ion Ratio Lower Upper

42 100

74 123.5 95.0 142.4

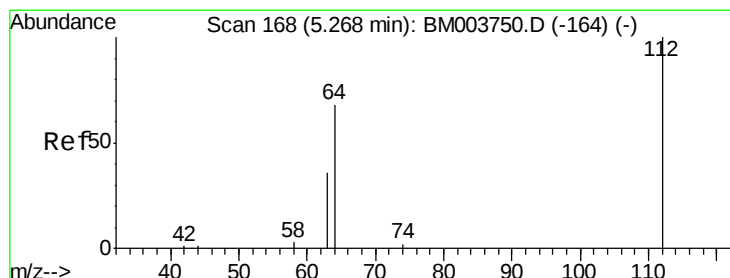
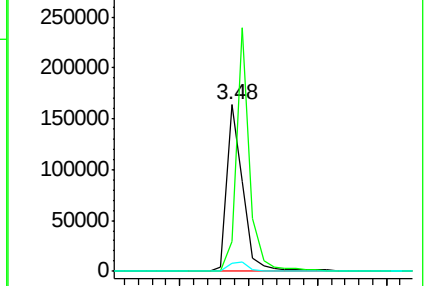
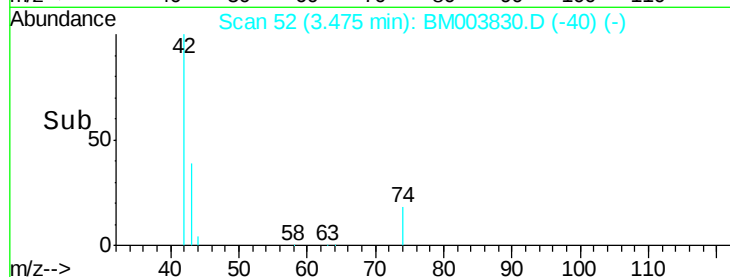
44 6.1 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM003750.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM003750.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM003750.D (-50) (-)



#4

2-Fluorophenol

Concen: 31.61 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.02 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

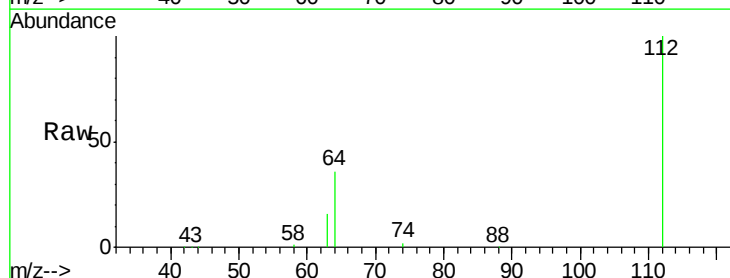
Tgt Ion: 112 Resp: 1846382

Ion Ratio Lower Upper

112 100

64 51.8 41.8 62.8

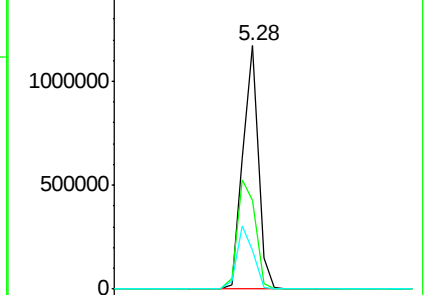
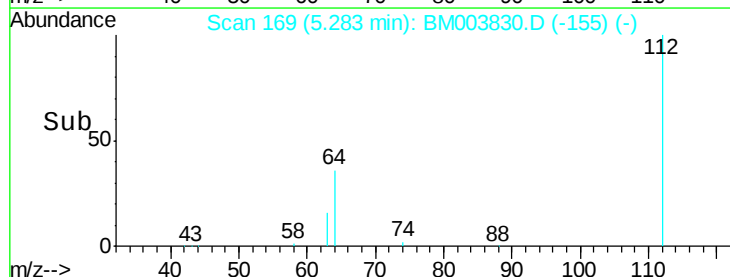
63 27.1 22.1 33.1

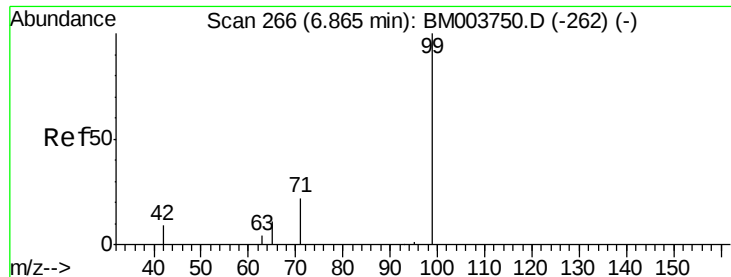


Abundance Ion 112.00 (111.70 to 112.70): BM003750.D (-164) (-)

Ion 64.00 (63.70 to 64.70): BM003750.D (-164) (-)

Ion 63.00 (62.70 to 63.70): BM003750.D (-164) (-)





#5

Phenol-d6

Concen: 31.40 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

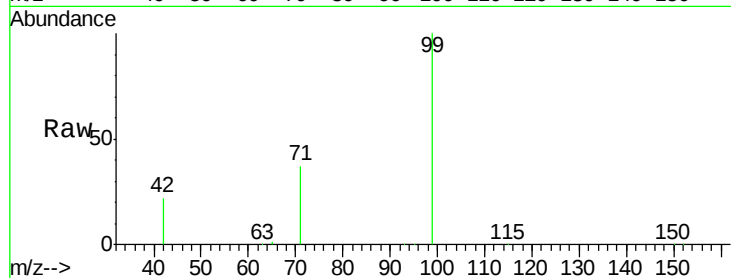
BNA_M

ClientSampleId :

PB87573BS

Tgt Ion: 99 Resp: 2245887

Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.2	24.2
71	30.5	24.4	36.6

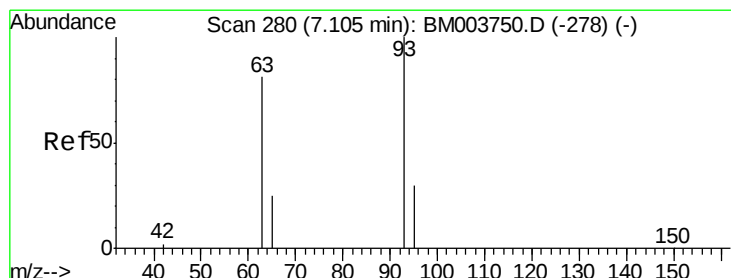
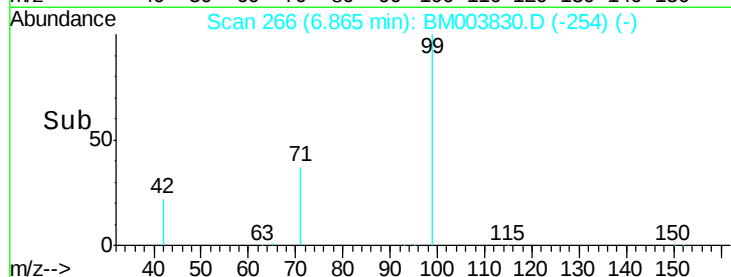
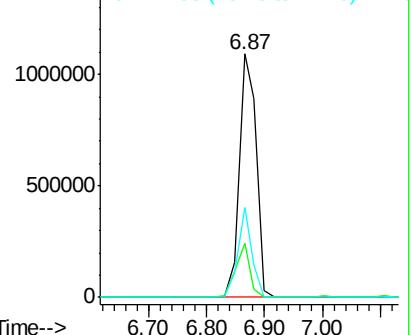


Abundance

Ion 99.00 (98.70 to 99.70): BM003830.D (-254) (-)

Ion 42.00 (41.70 to 42.70): BM003830.D (-254) (-)

Ion 71.00 (70.70 to 71.70): BM003830.D (-254) (-)



#6

bis(2-Chloroethyl)ether

Concen: 9.70 ng

RT: 7.11 min Scan# 280

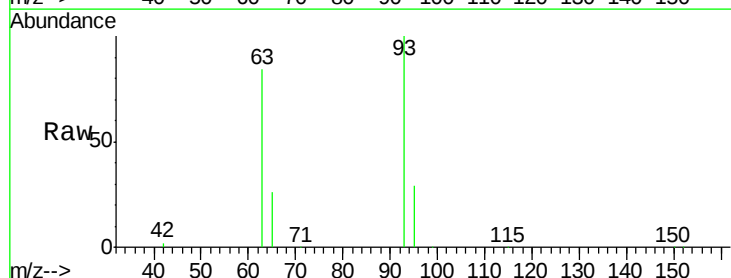
Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Tgt Ion: 93 Resp: 616994

Ion	Ratio	Lower	Upper
93	100		
63	72.9	58.3	87.5
95	32.6	25.8	38.8

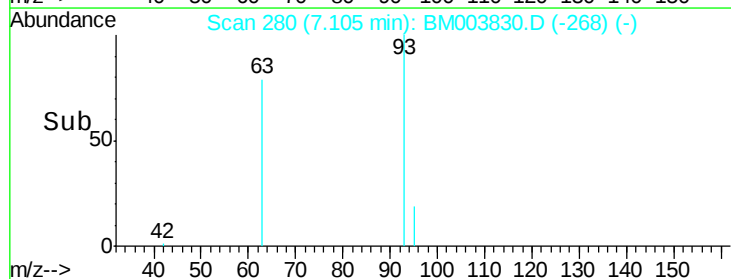
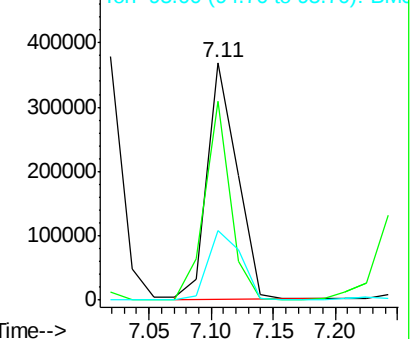


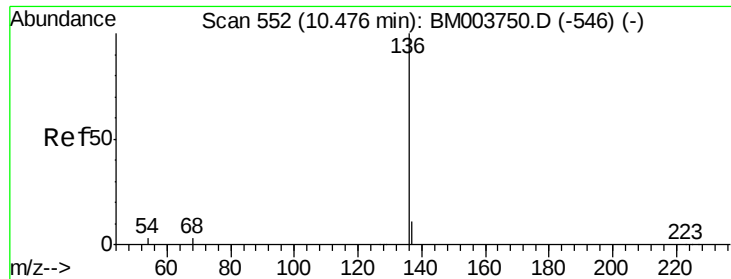
Abundance

Ion 93.00 (92.70 to 93.70): BM003830.D (-268) (-)

Ion 63.00 (62.70 to 63.70): BM003830.D (-268) (-)

Ion 95.00 (94.70 to 95.70): BM003830.D (-268) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

PB87573BS

Tgt Ion:136 Resp: 997654

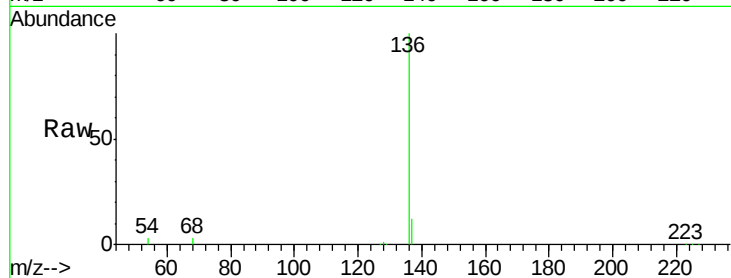
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 3.1 2.8 4.2

68 2.8 2.5 3.7

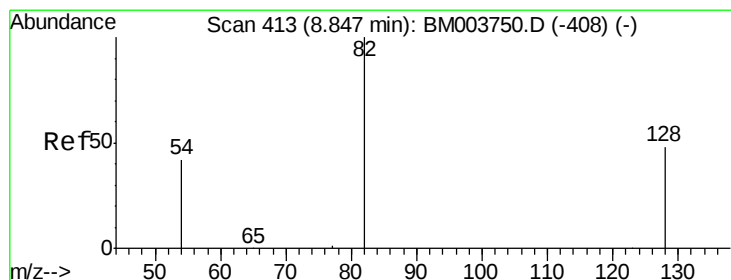
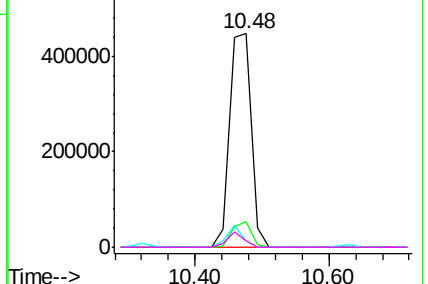
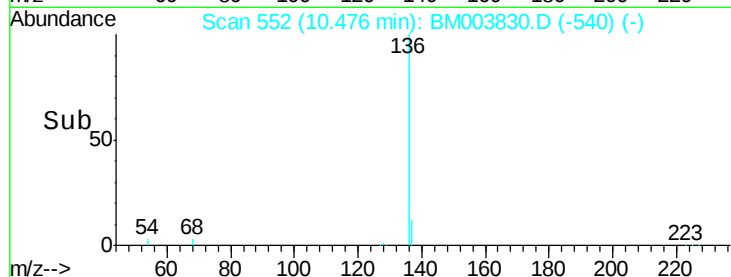


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 25.11 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

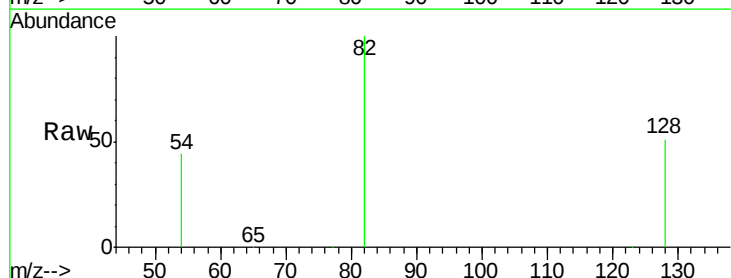
Tgt Ion: 82 Resp: 1327659

Ion Ratio Lower Upper

82 100

128 51.1 39.1 58.7

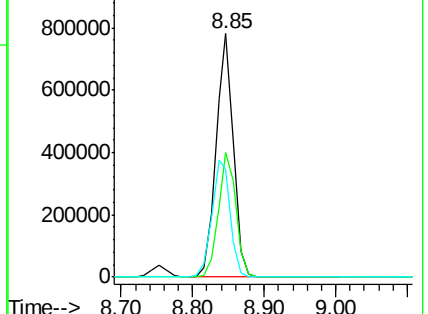
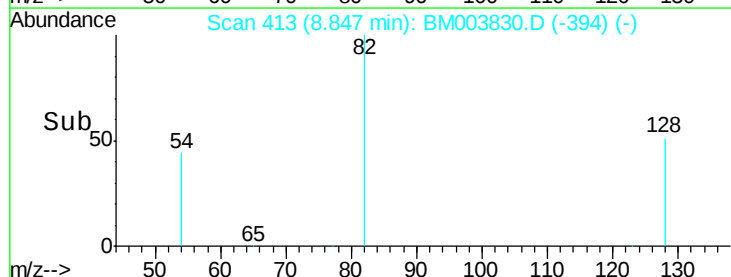
54 44.3 34.8 52.2

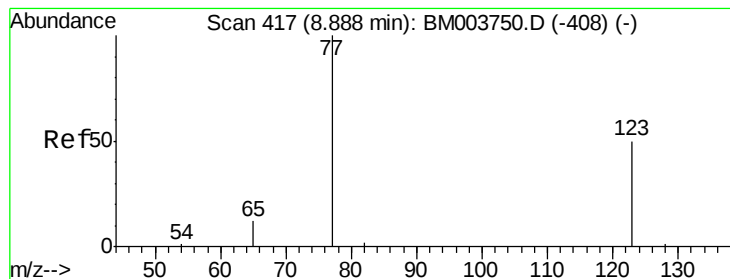


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 11.75 ng

RT: 8.89 min Scan# 417

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

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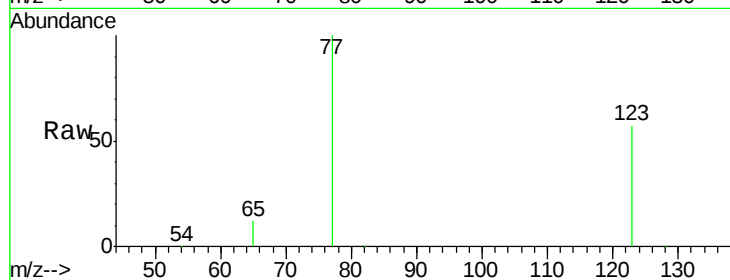
Tgt Ion: 77 Resp: 705573

Ion Ratio Lower Upper

77 100

123 53.3 38.6 57.8

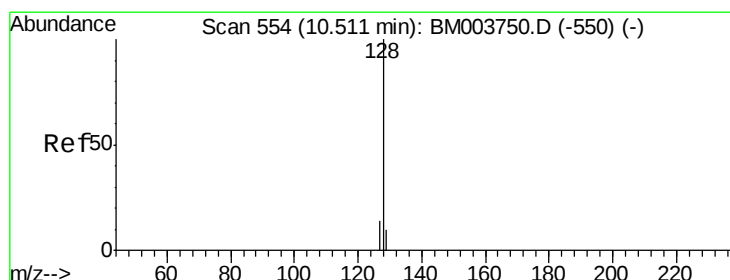
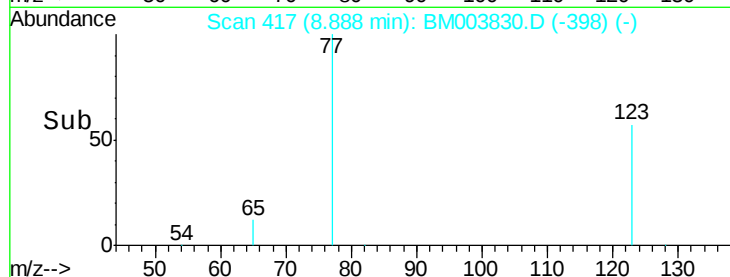
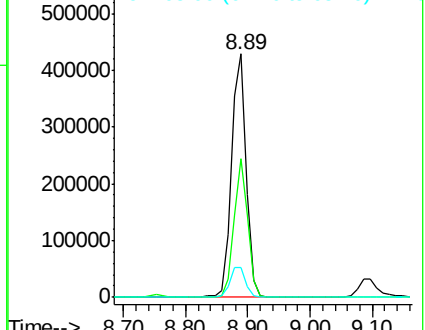
65 13.4 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003750.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM003750.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM003750.D (-408) (-)



#10

Naphthalene

Concen: 9.47 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

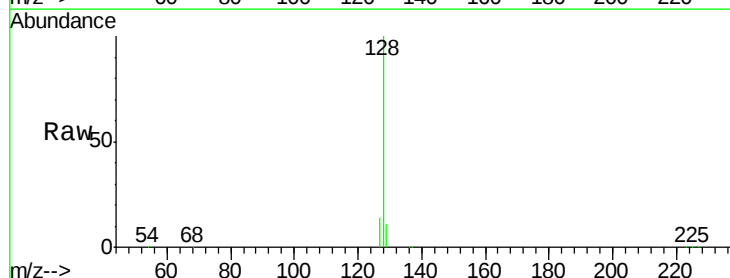
Tgt Ion: 128 Resp: 2157503

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

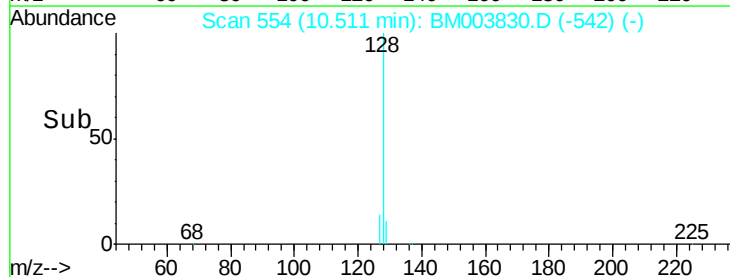
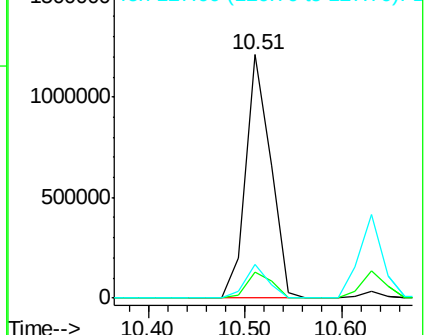
127 13.8 11.0 16.4

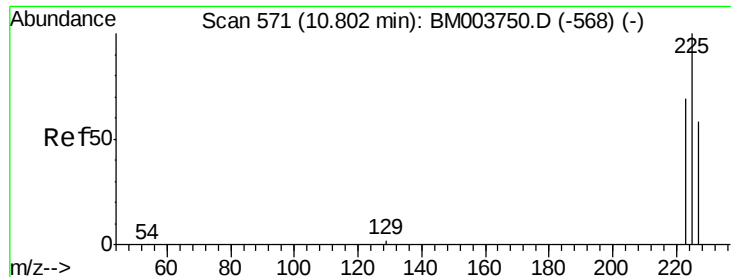


Abundance Ion 128.00 (127.70 to 128.70): BM003750.D (-550) (-)

Ion 129.00 (128.70 to 129.70): BM003750.D (-550) (-)

Ion 127.00 (126.70 to 127.70): BM003750.D (-550) (-)

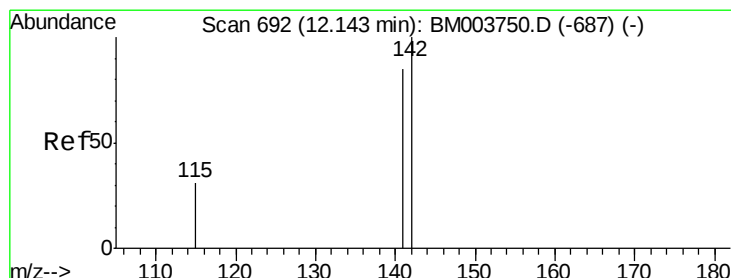
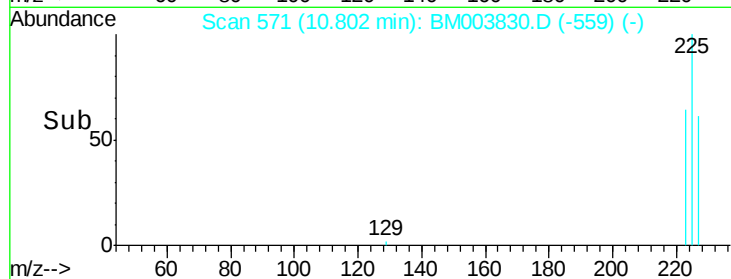
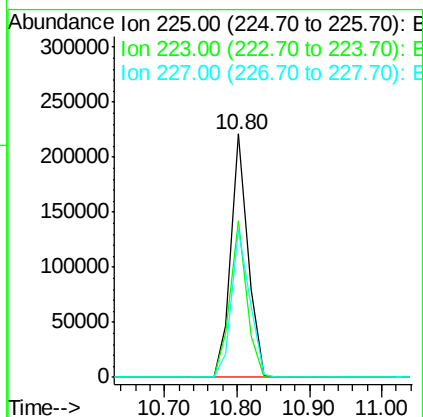
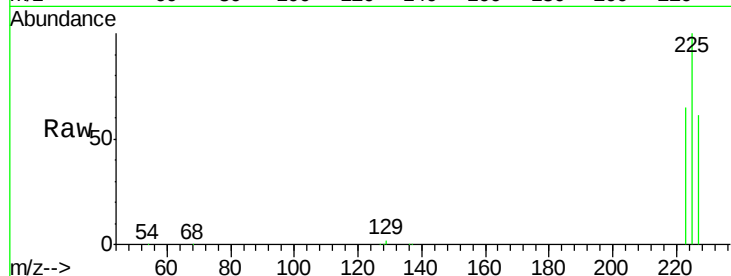




#11
Hexachlorobutadiene
Concen: 10.25 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM003830.D
Acq: 28 Dec 2015 16:08

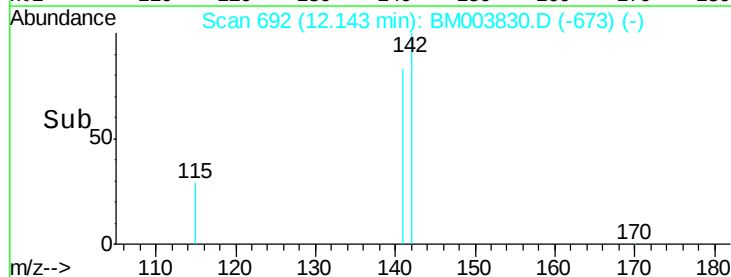
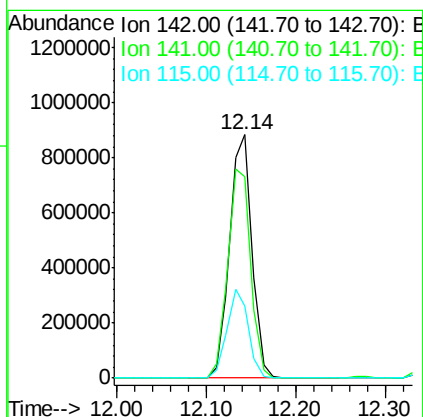
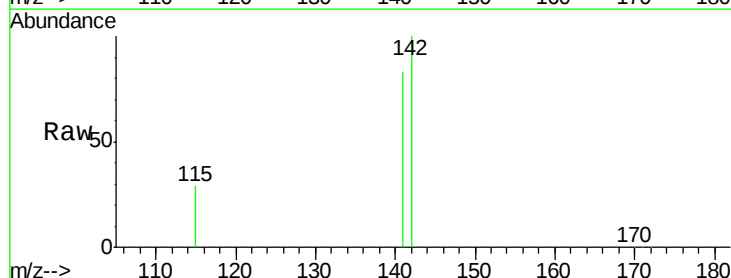
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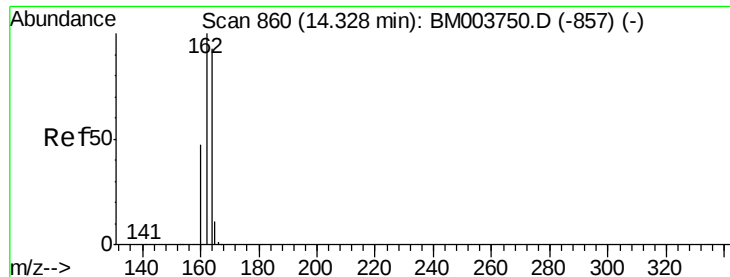
Tgt Ion: 225 Resp: 360495
Ion Ratio Lower Upper
225 100
223 63.3 50.9 76.3
227 63.8 51.2 76.8



#12
2-Methylnaphthalene
Concen: 10.01 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM003830.D
Acq: 28 Dec 2015 16:08

Tgt Ion: 142 Resp: 1522946
Ion Ratio Lower Upper
142 100
141 82.7 67.8 101.8
115 29.5 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

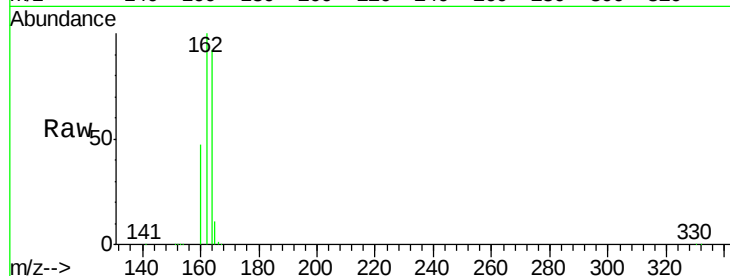
BNA_M

ClientSampleId :

PB87573BS

Tgt Ion:164 Resp: 501787

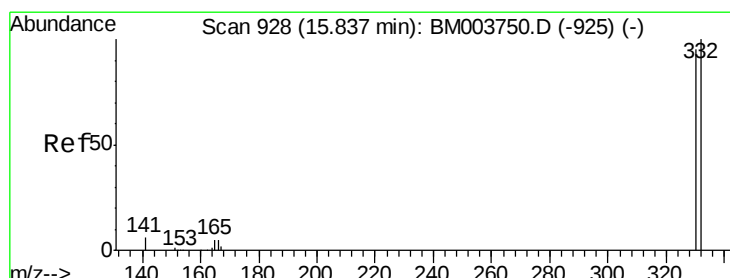
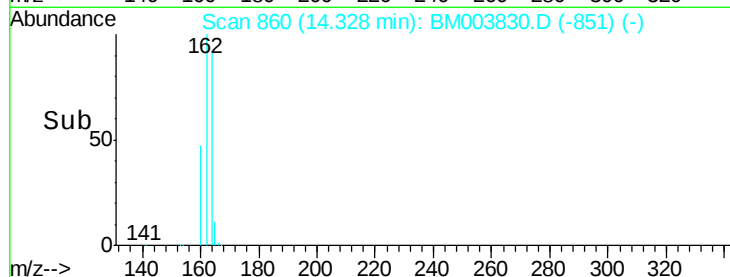
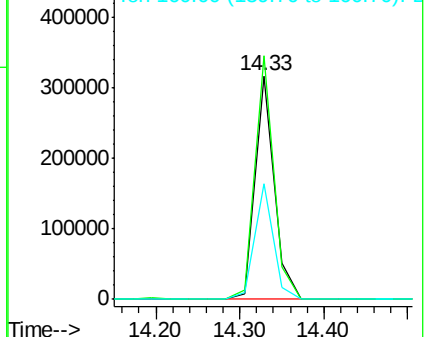
Ion	Ratio	Lower	Upper
164	100		
162	109.0	86.0	129.0
160	51.6	40.3	60.5



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



#14

2,4,6-Tribromophenol

Concen: 32.56 ng

RT: 15.84 min Scan# 928

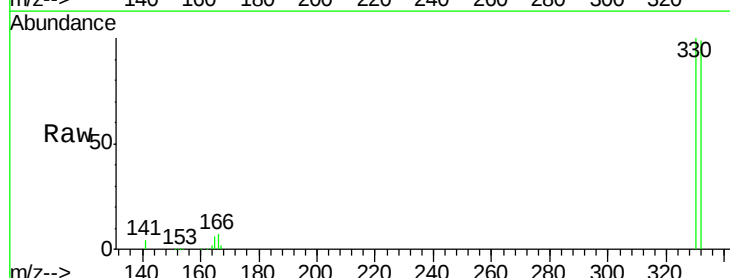
Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Tgt Ion:330 Resp: 521157

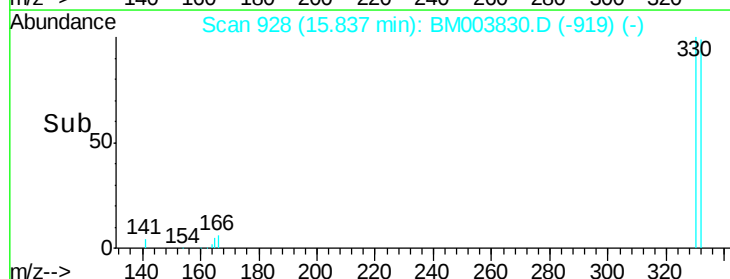
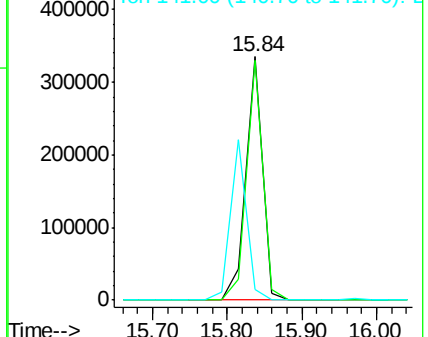
Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	0.0	0.0	0.0

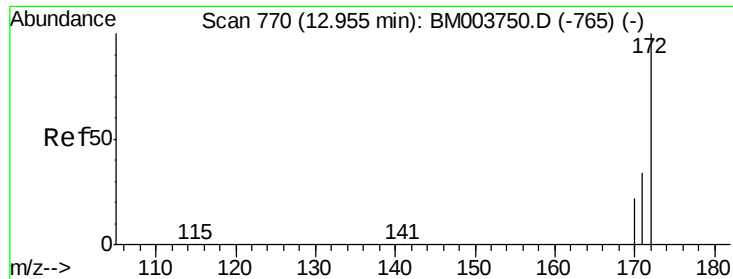


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

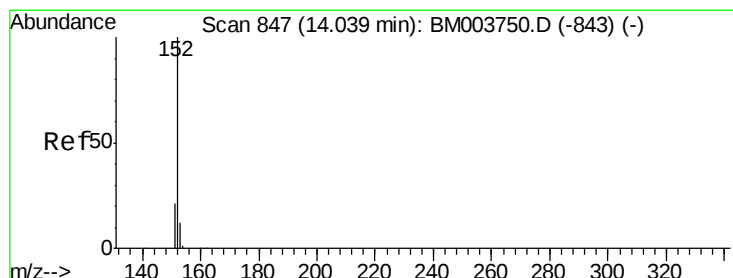
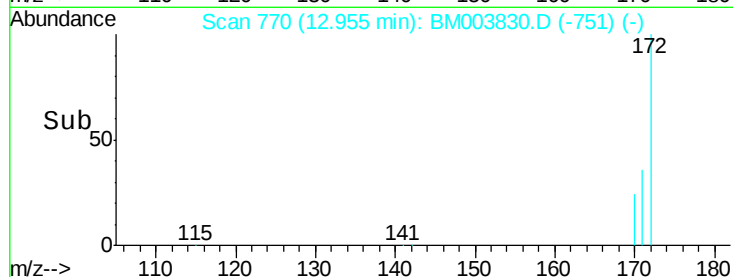
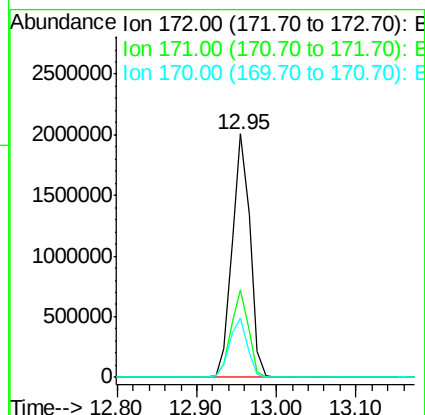
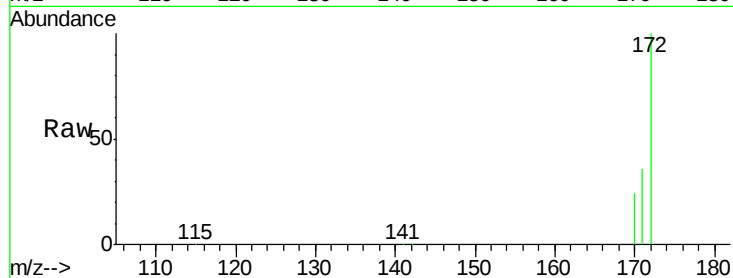




#15
2-Fluorobiphenyl
Concen: 20.26 ng
RT: 12.95 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003830.D
Acq: 28 Dec 2015 16:08

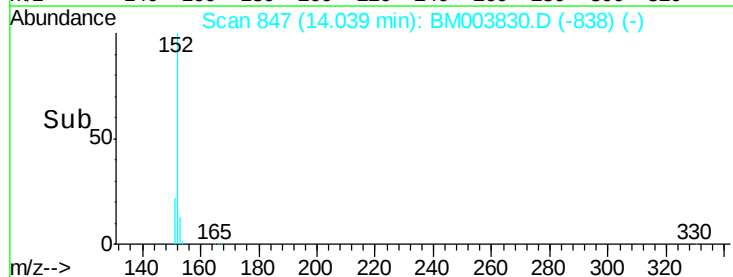
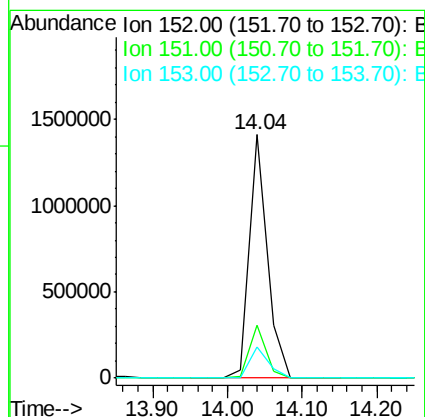
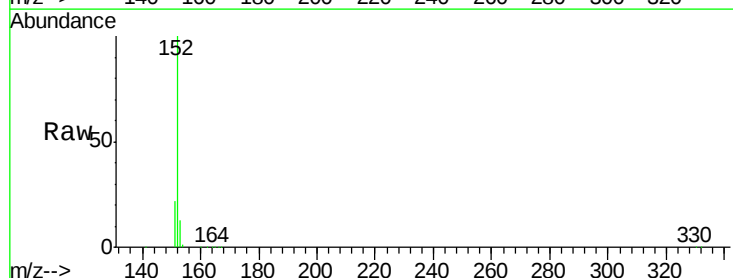
Instrument :
BNA_M
ClientSampleId :
PB87573BS

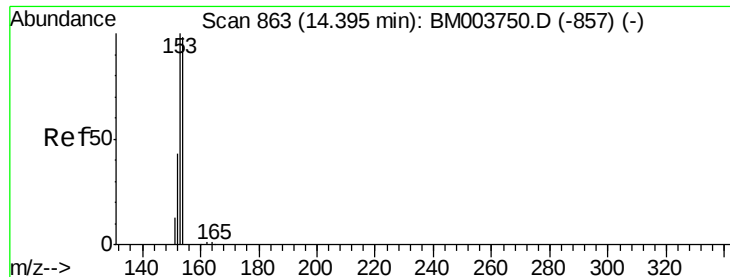
Tgt Ion:172 Resp: 3109984
Ion Ratio Lower Upper
172 100
171 35.9 27.0 40.6
170 24.3 17.9 26.9



#16
Acenaphthylene
Concen: 10.33 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003830.D
Acq: 28 Dec 2015 16:08

Tgt Ion:152 Resp: 2359728
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.3 10.2 15.4

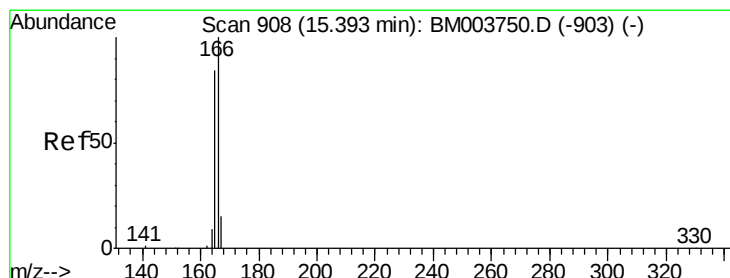
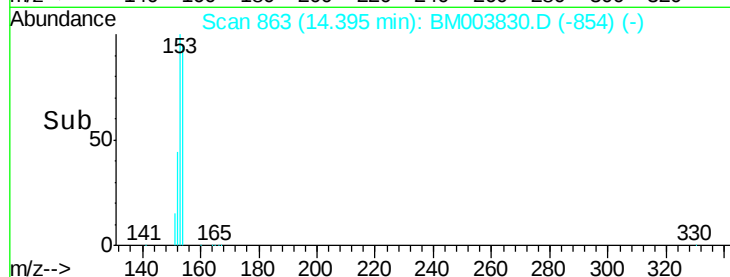
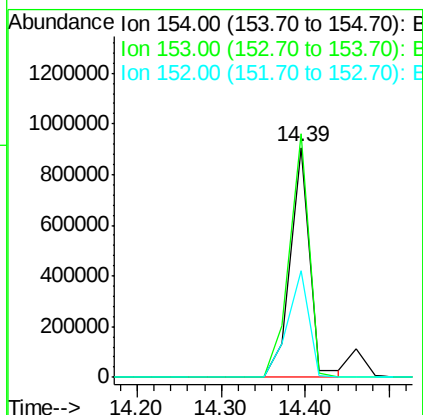
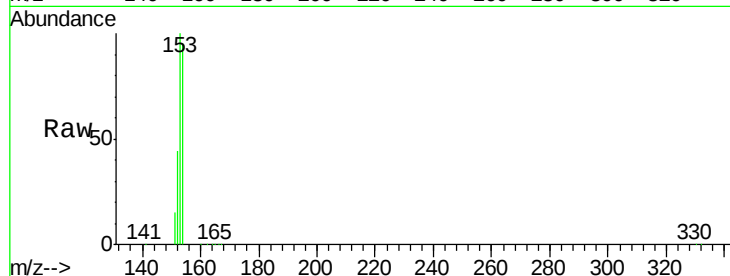




#17
Acenaphthene
Concen: 10.20 ng
RT: 14.39 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003830.D
Acq: 28 Dec 2015 16:08

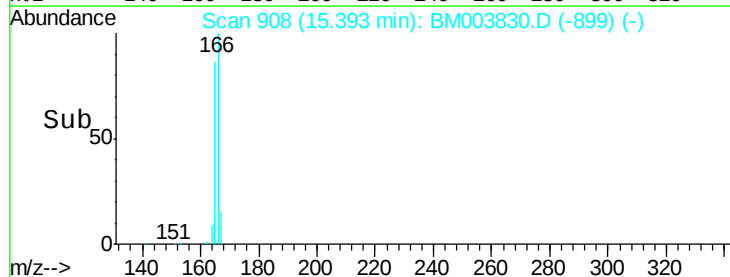
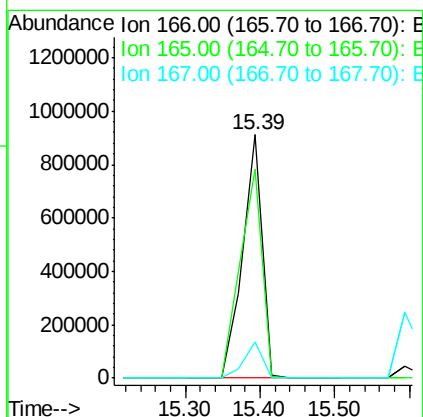
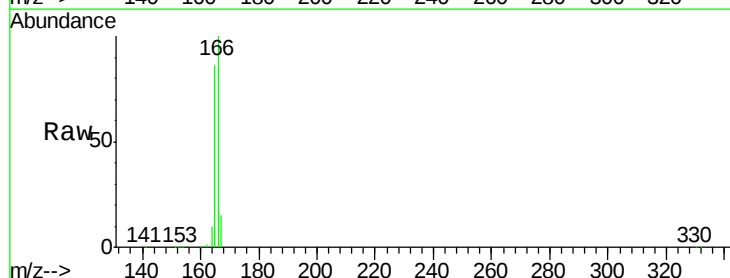
Instrument :
BNA_M
ClientSampleId :
PB87573BS

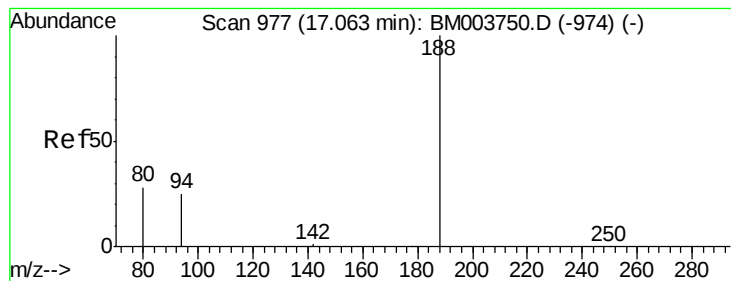
Tgt Ion:154 Resp: 1454932
Ion Ratio Lower Upper
154 100
153 108.3 85.4 128.2
152 51.2 40.6 60.8



#18
Fluorene
Concen: 9.88 ng
RT: 15.39 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM003830.D
Acq: 28 Dec 2015 16:08

Tgt Ion:166 Resp: 1652162
Ion Ratio Lower Upper
166 100
165 95.9 77.2 115.8
167 13.8 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 978

Delta R.T. 0.03 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

PB87573BS

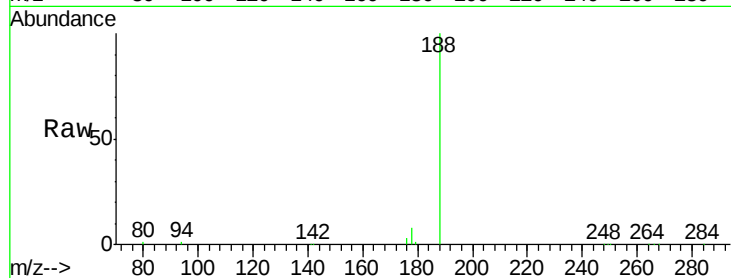
Tgt Ion:188 Resp: 827382

Ion Ratio Lower Upper

188 100

94 1.5 20.3 30.5#

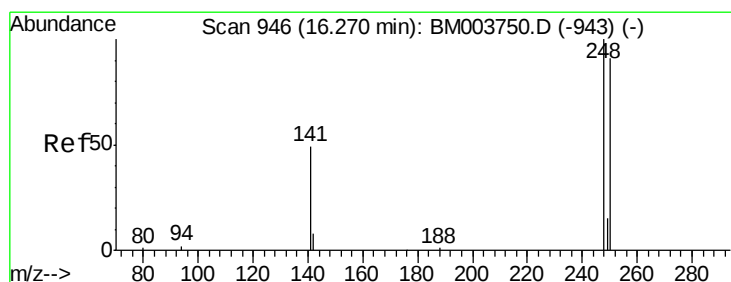
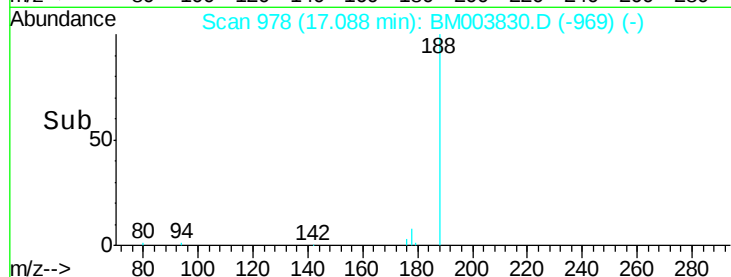
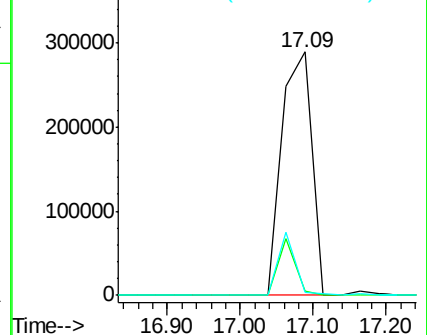
80 1.1 22.2 33.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#20

4-Bromophenyl-phenylether

Concen: 10.12 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

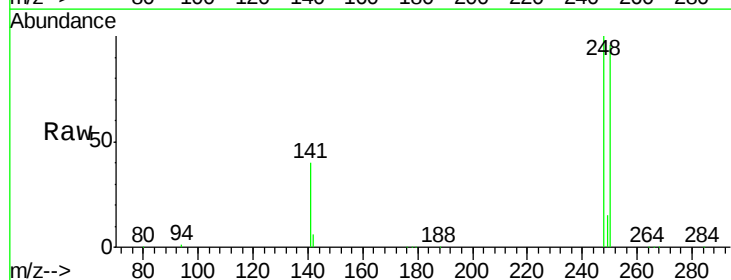
Tgt Ion:248 Resp: 545531

Ion Ratio Lower Upper

248 100

250 96.2 75.0 112.4

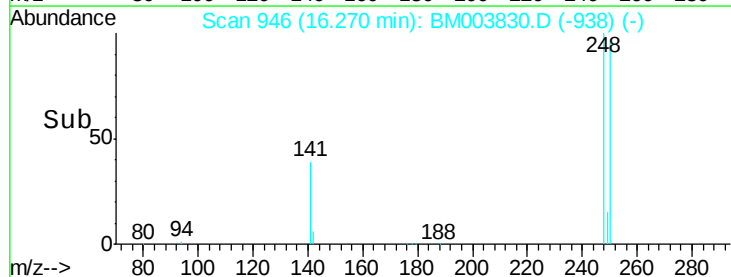
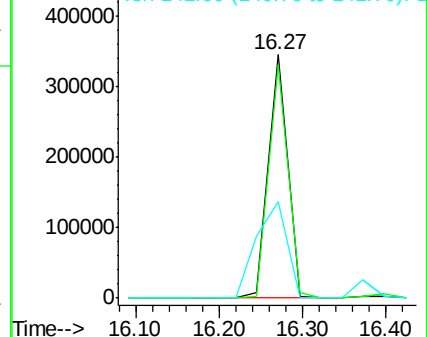
141 62.9 53.0 79.4

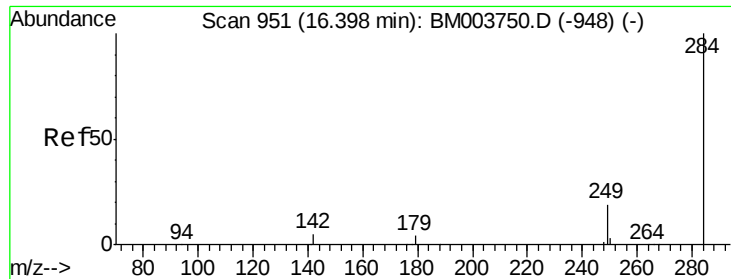


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

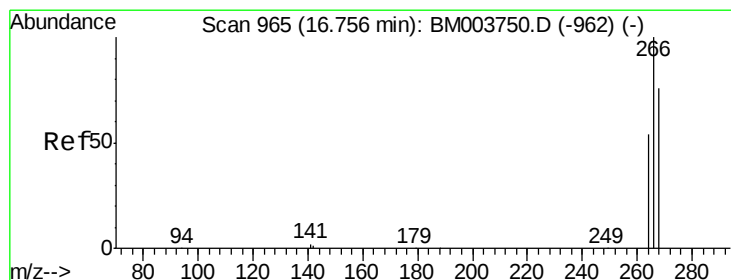
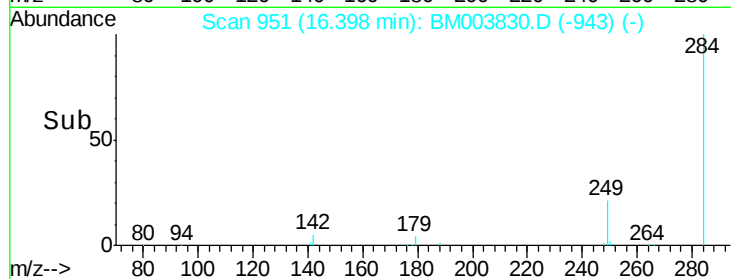
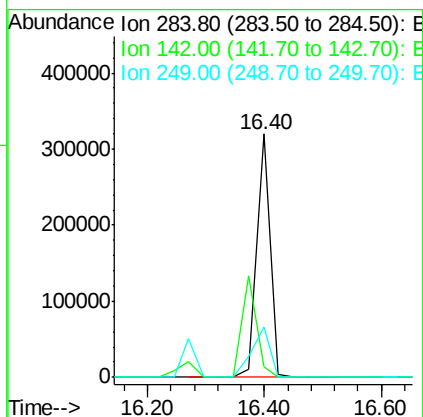
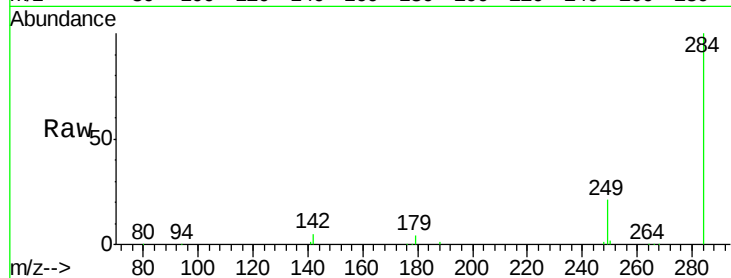




#21
Hexachlorobenzene
Concen: 10.32 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003830.D
Acq: 28 Dec 2015 16:08

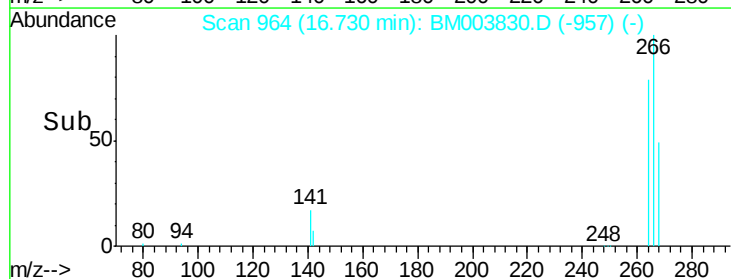
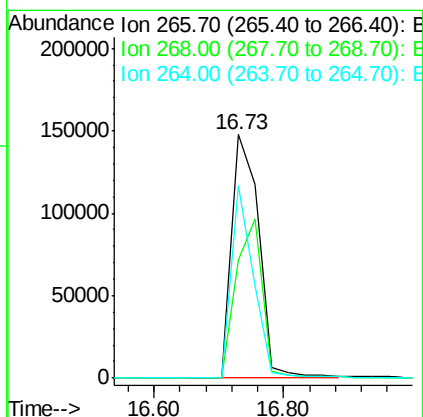
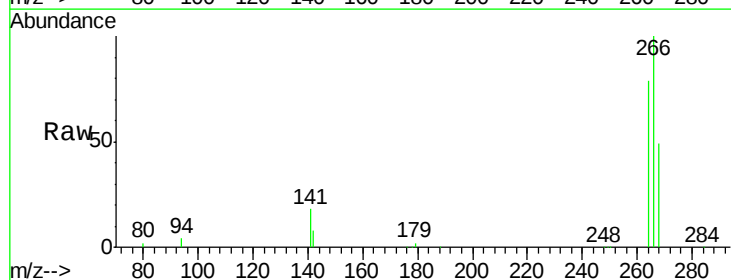
Instrument :
BNA_M
ClientSampleId :
PB87573BS

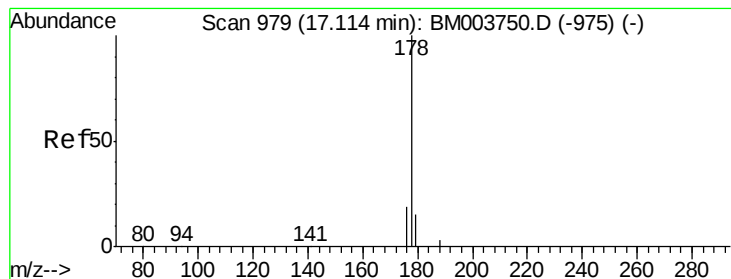
Tgt Ion:284 Resp: 513995
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 28.0 21.5 32.3



#22
Pentachlorophenol
Concen: 23.48 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.02 min
Lab File: BM003830.D
Acq: 28 Dec 2015 16:08

Tgt Ion:266 Resp: 427741
Ion Ratio Lower Upper
266 100
268 48.7 62.7 94.1#
264 78.9 45.7 68.5#





#23

Phenanthrene

Concen: 9.40 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

PB87573BS

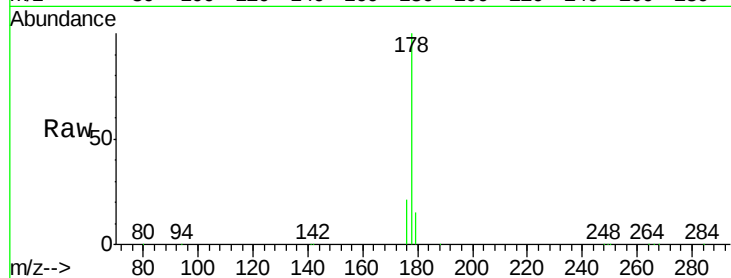
Tgt Ion:178 Resp: 2662104

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

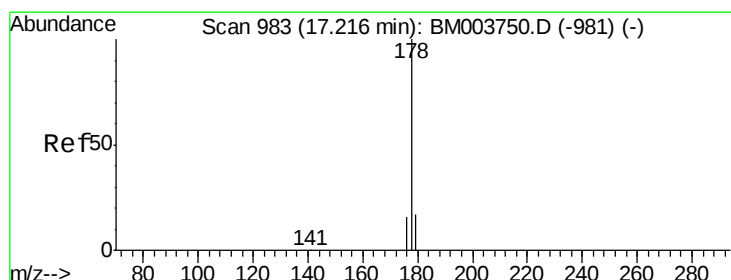
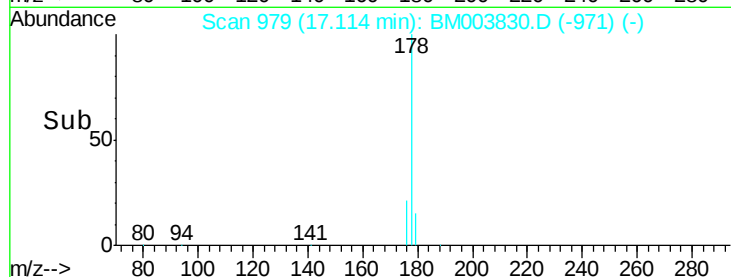
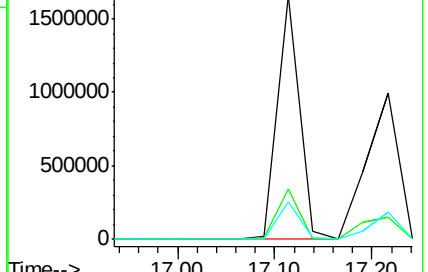
179 15.5 12.2 18.4



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

Anthracene

Concen: 10.84 ng

RT: 17.22 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

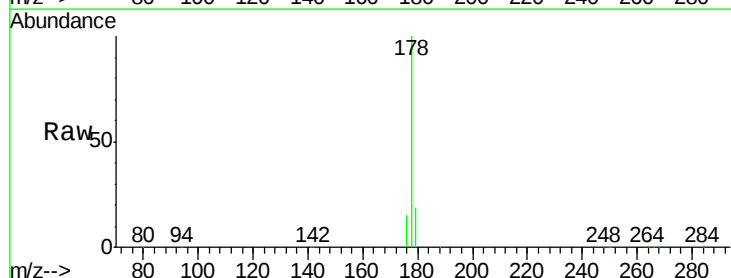
Tgt Ion:178 Resp: 2236346

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

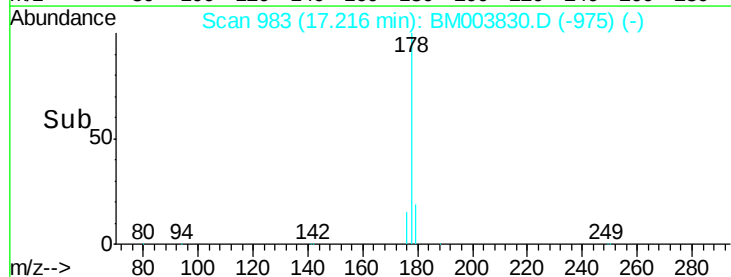
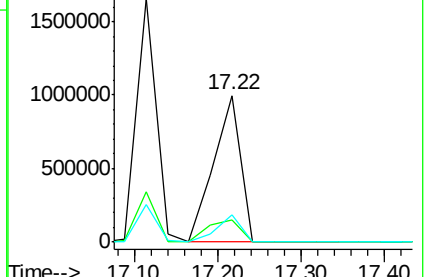
179 16.6 12.6 19.0

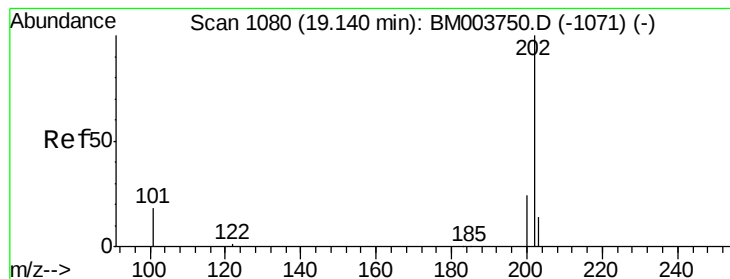


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 9.31 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

PB87573BS

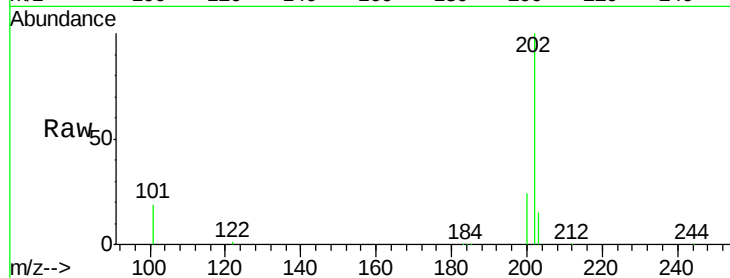
Tgt Ion:202 Resp: 2495191

Ion Ratio Lower Upper

202 100

101 12.9 9.7 14.5

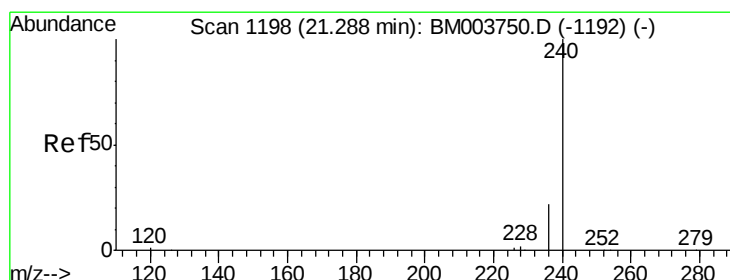
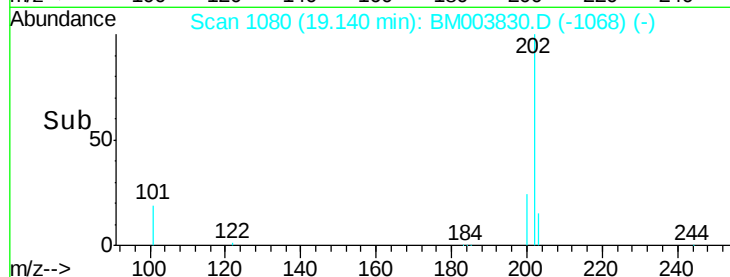
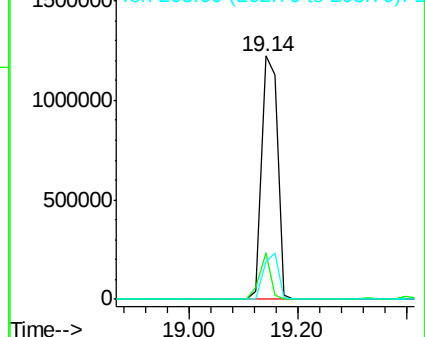
203 18.2 13.8 20.8



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

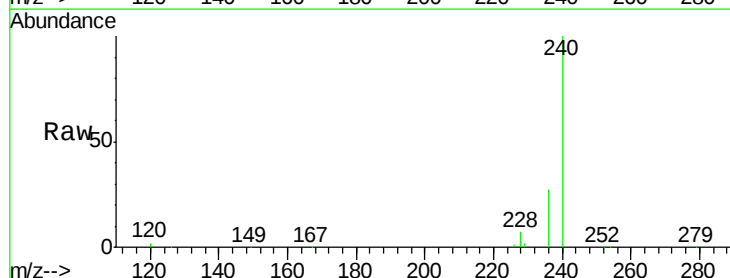
Tgt Ion:240 Resp: 717663

Ion Ratio Lower Upper

240 100

120 2.4 0.9 1.3#

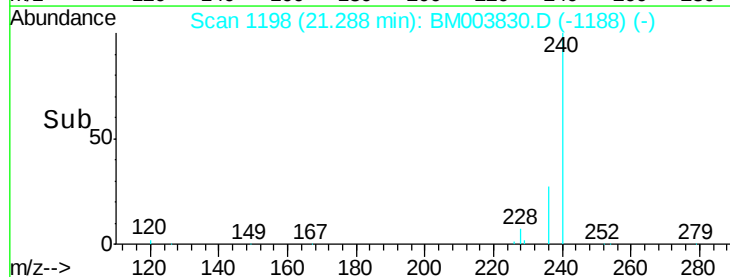
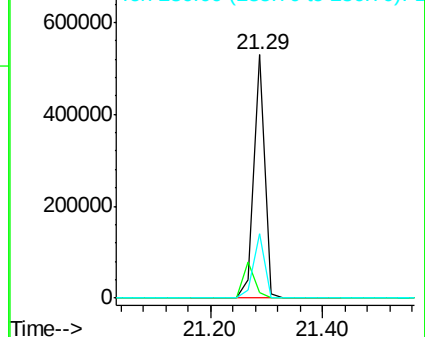
236 26.7 17.3 25.9#

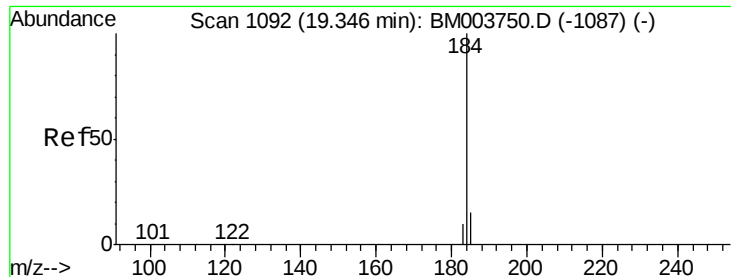


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.12 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.36 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

PB87573BS

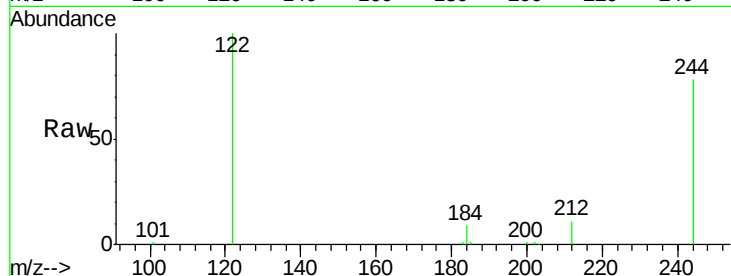
Tgt Ion:184 Resp: 50815

Ion Ratio Lower Upper

184 100

185 14.6 13.2 19.8

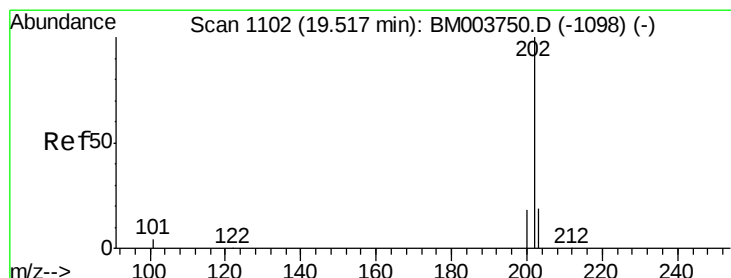
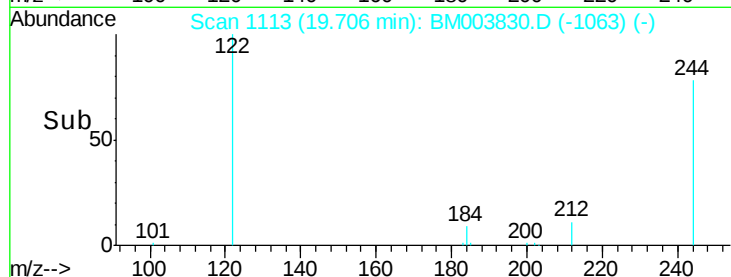
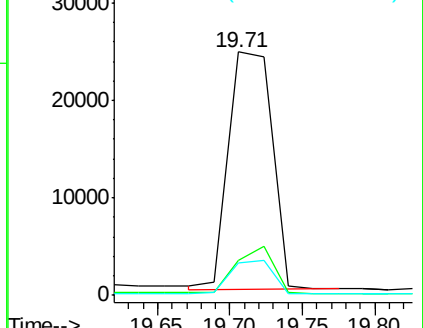
183 13.4 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 10.93 ng

RT: 19.52 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

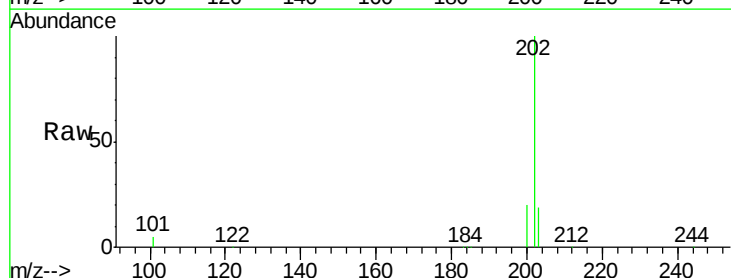
Tgt Ion:202 Resp: 2587923

Ion Ratio Lower Upper

202 100

200 21.6 16.6 24.8

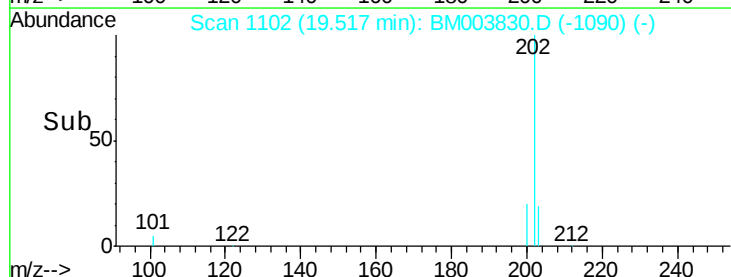
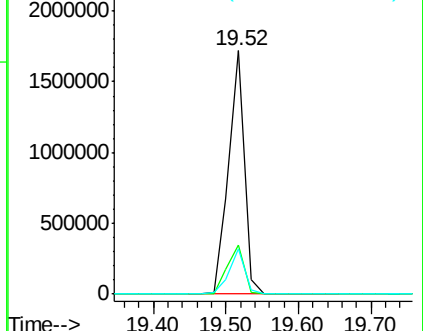
203 18.5 14.0 21.0

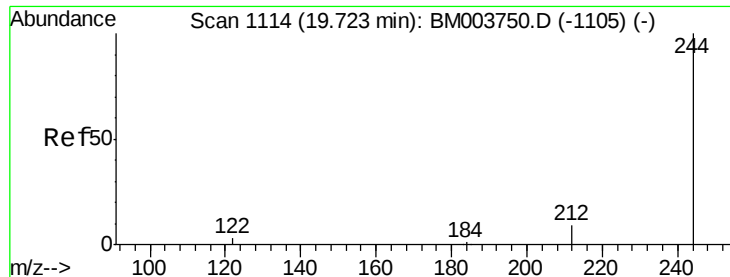


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 16.11 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

PB87573BS

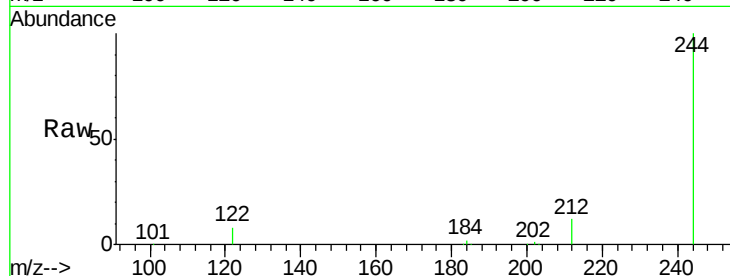
Tgt Ion:244 Resp: 1811109

Ion Ratio Lower Upper

244 100

212 11.6 7.0 10.6#

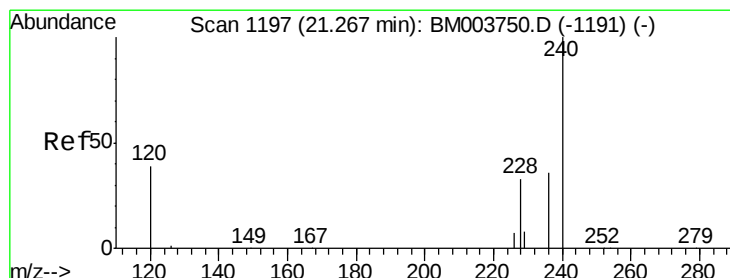
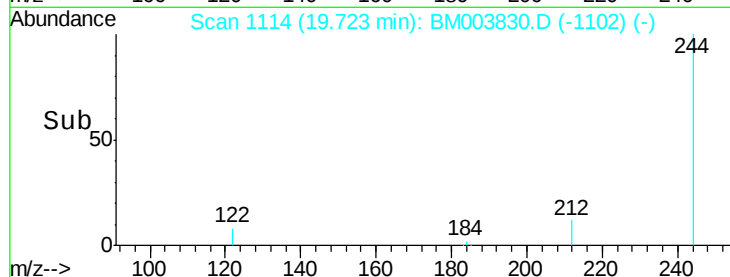
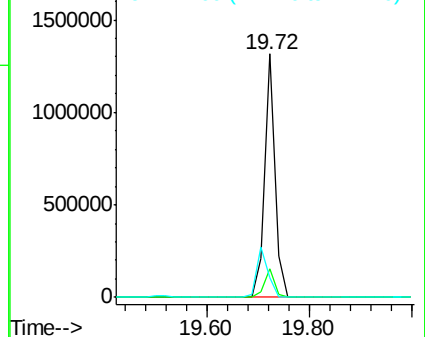
122 8.2 3.0 4.6#



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



#30

Benzo(a)anthracene

Concen: 17.79 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

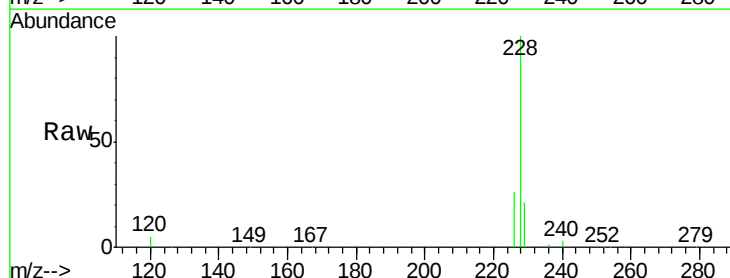
Tgt Ion:228 Resp: 3821887

Ion Ratio Lower Upper

228 100

226 26.4 17.2 25.8#

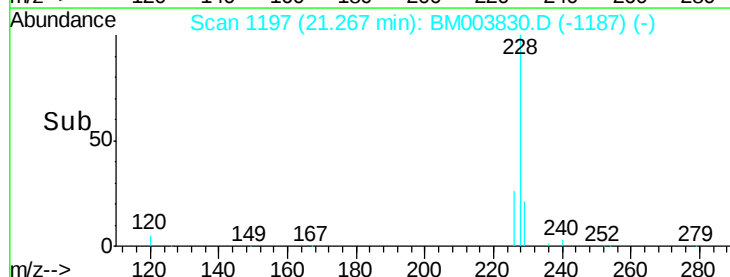
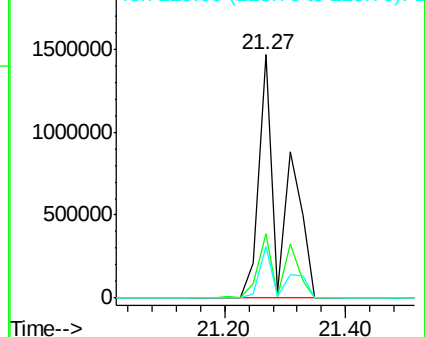
229 21.1 18.7 28.1

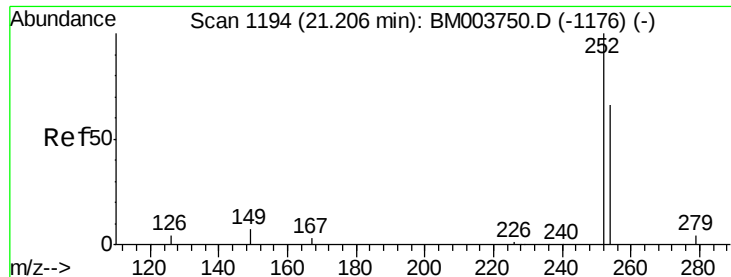


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

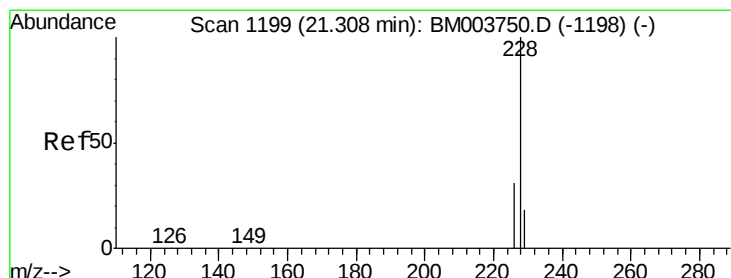
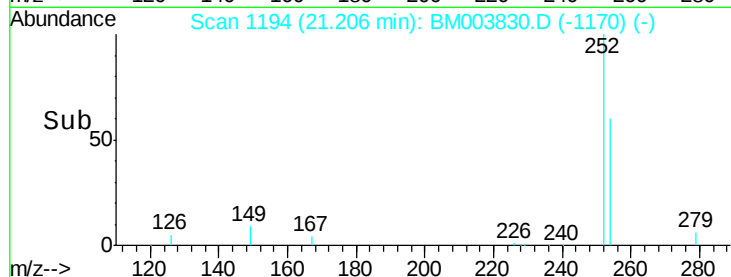
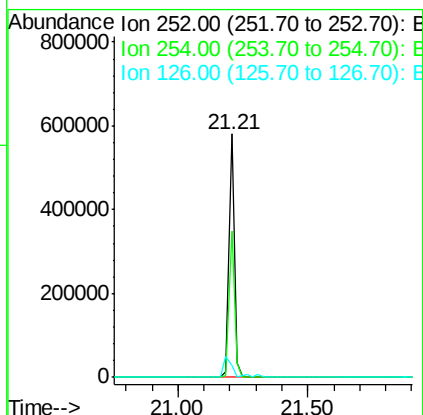
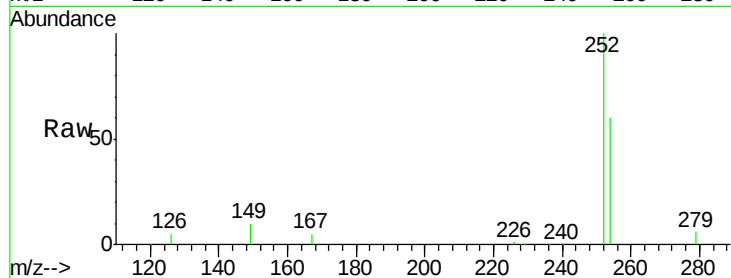




#31
 3,3'-Dichlorobenzidine
 Concen: 10.46 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003830.D
 Acq: 28 Dec 2015 16:08

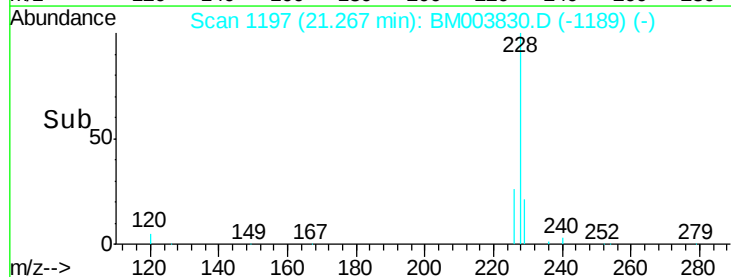
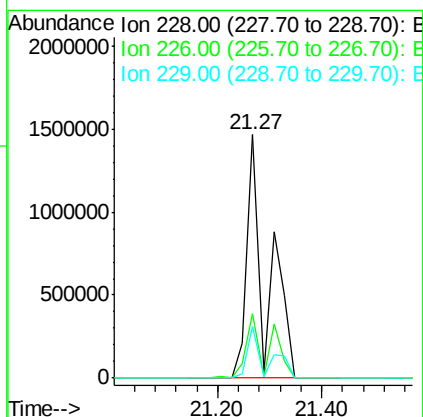
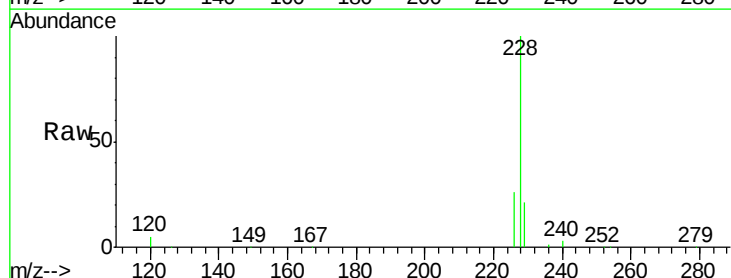
Instrument :
 BNA_M
 ClientSampleId :
 PB87573BS

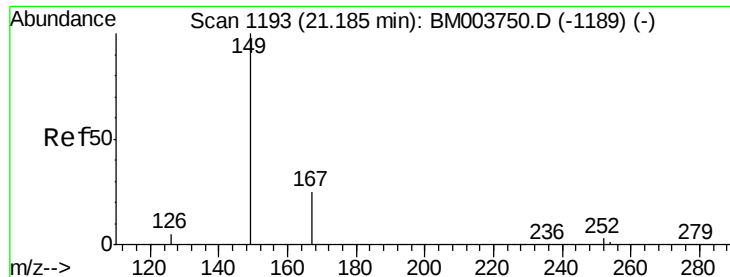
Tgt Ion:252 Resp: 786450
 Ion Ratio Lower Upper
 252 100
 254 60.1 52.6 79.0
 126 4.9 3.7 5.5



#32
 Chrysene
 Concen: 20.04 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.04 min
 Lab File: BM003830.D
 Acq: 28 Dec 2015 16:08

Tgt Ion:228 Resp: 3825343
 Ion Ratio Lower Upper
 228 100
 226 26.4 25.3 37.9
 229 21.1 14.5 21.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 12.89 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

PB87573BS

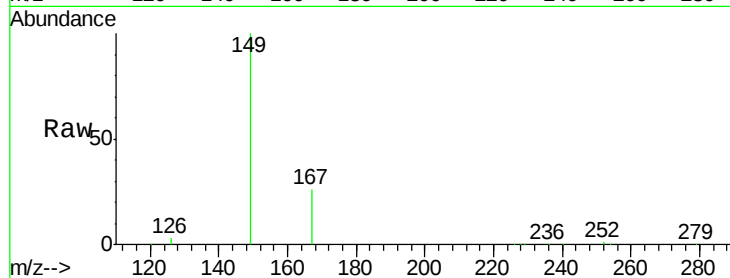
Tgt Ion:149 Resp: 2074131

Ion Ratio Lower Upper

149 100

167 26.3 20.1 30.1

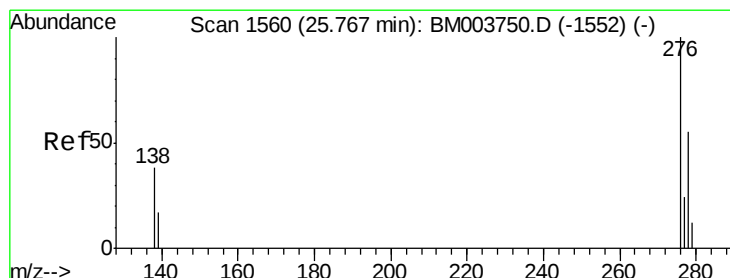
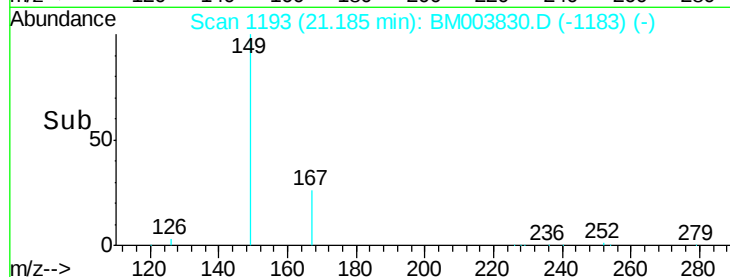
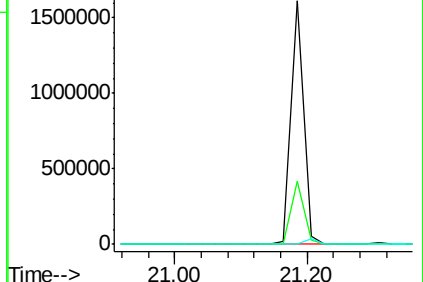
279 0.0 0.0 0.0



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 12.55 ng

RT: 25.79 min Scan# 1562

Delta R.T. 0.02 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

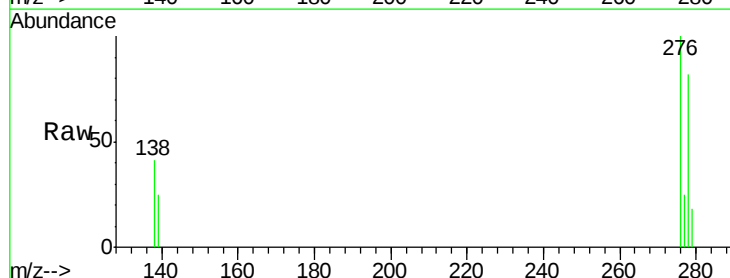
Tgt Ion:276 Resp: 1904430

Ion Ratio Lower Upper

276 100

138 39.3 30.2 45.2

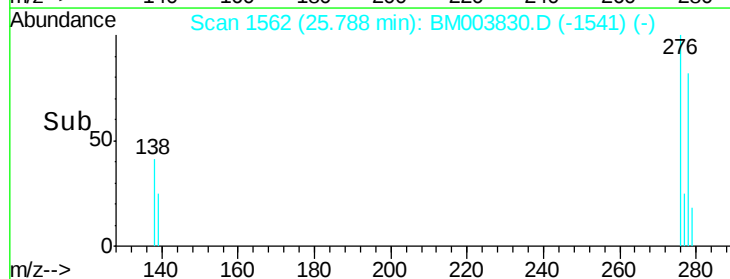
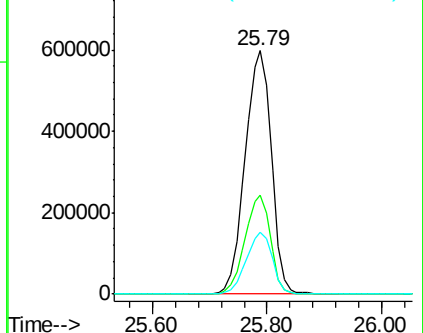
277 25.0 19.8 29.8

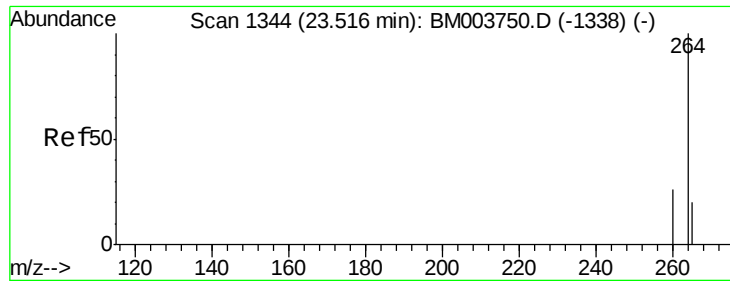


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

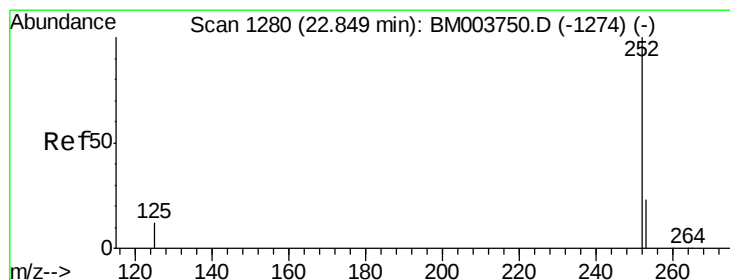
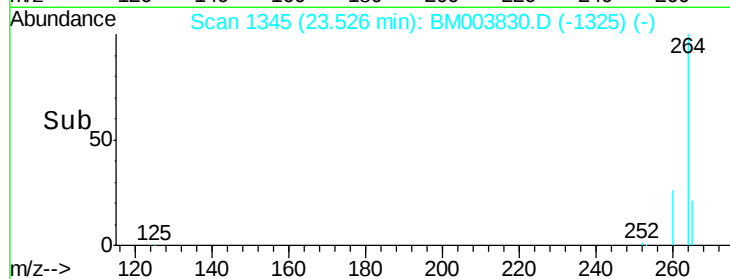
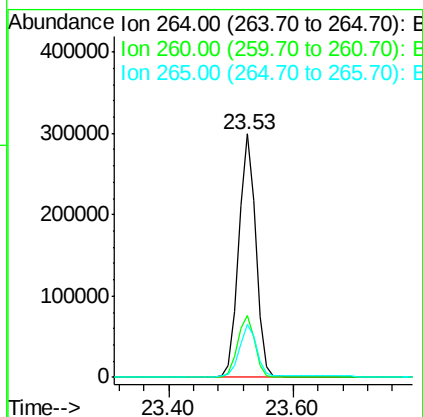
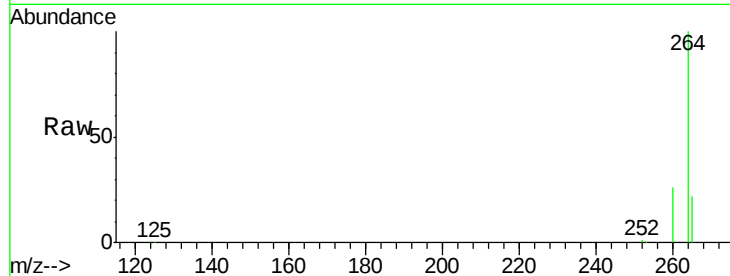




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.53 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BM003830.D
 Acq: 28 Dec 2015 16:08

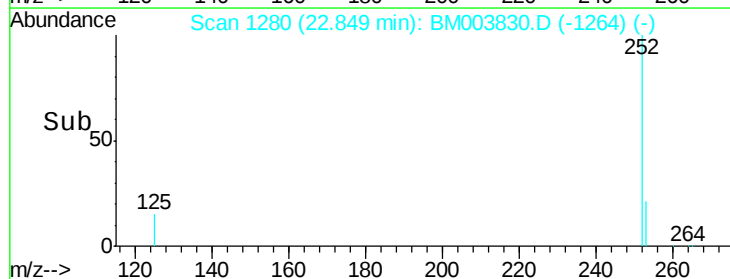
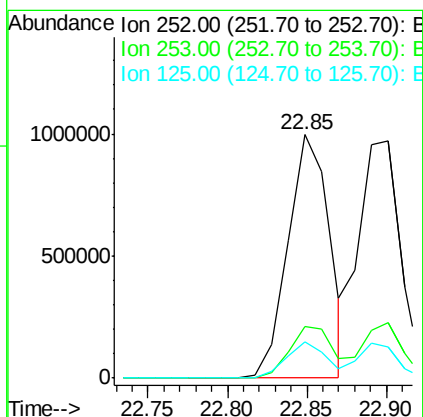
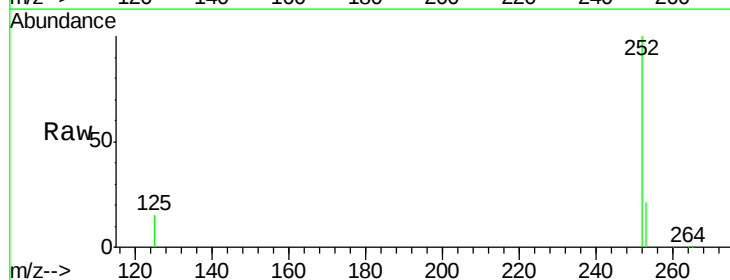
Instrument :
 BNA_M
 ClientSampleId :
 PB87573BS

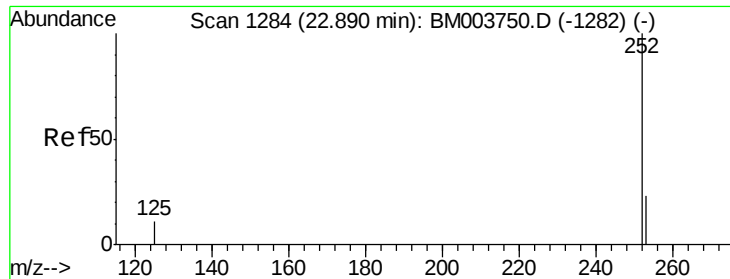
Tgt Ion: 264 Resp: 574949
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.2 31.8
 265 21.6 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 9.59 ng
 RT: 22.85 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM003830.D
 Acq: 28 Dec 2015 16:08

Tgt Ion: 252 Resp: 1801991
 Ion Ratio Lower Upper
 252 100
 253 21.2 18.8 28.2
 125 14.8 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 10.16 ng

RT: 22.90 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

PB87573BS

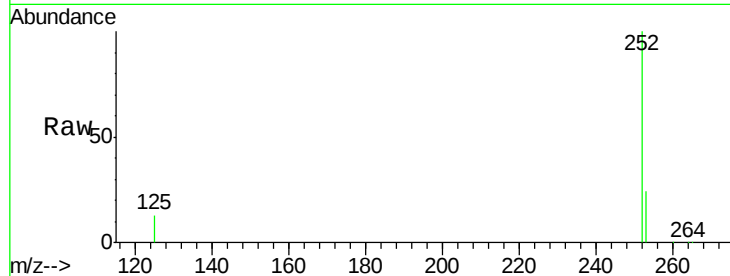
Tgt Ion:252 Resp: 1760051

Ion Ratio Lower Upper

252 100

253 23.5 18.3 27.5

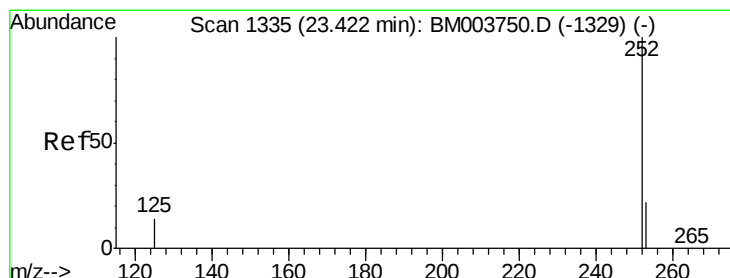
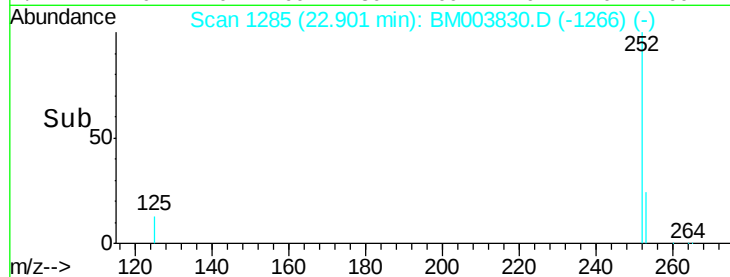
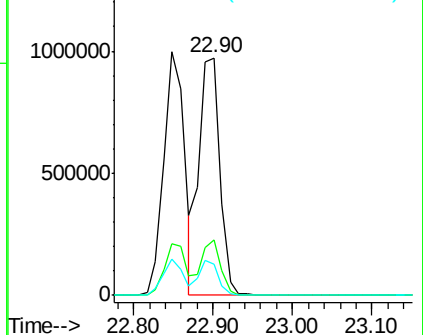
125 12.9 10.6 15.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 10.94 ng

RT: 23.42 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

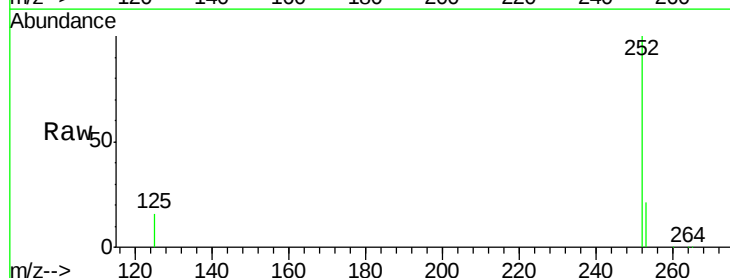
Tgt Ion:252 Resp: 1759871

Ion Ratio Lower Upper

252 100

253 21.2 18.7 28.1

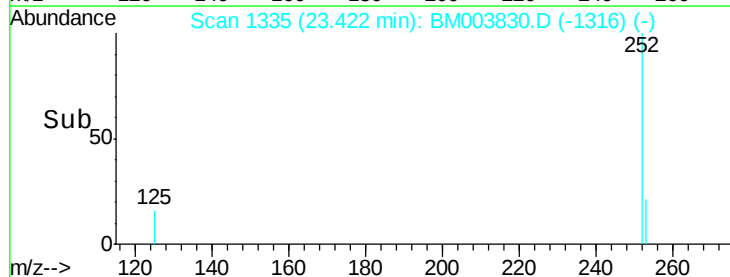
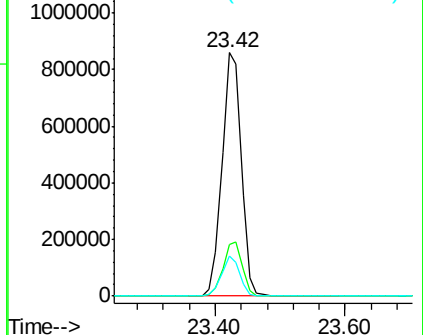
125 16.2 11.8 17.8

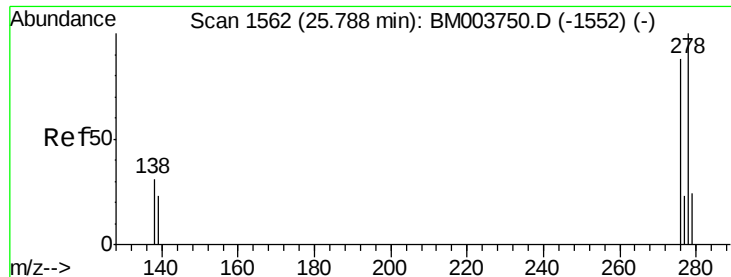


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 12.18 ng

RT: 25.80 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

PB87573BS

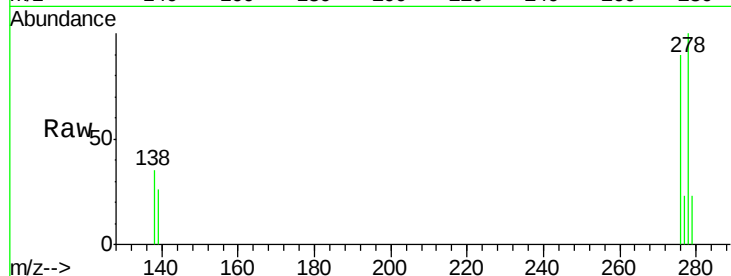
Tgt Ion:278 Resp: 1536102

Ion Ratio Lower Upper

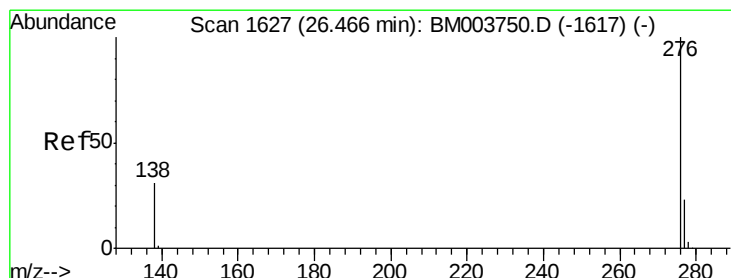
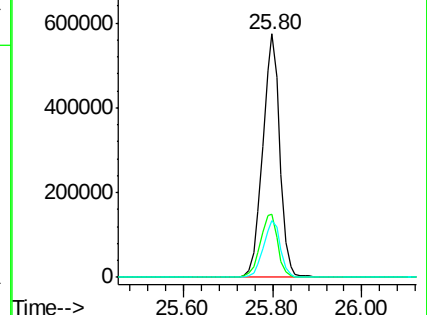
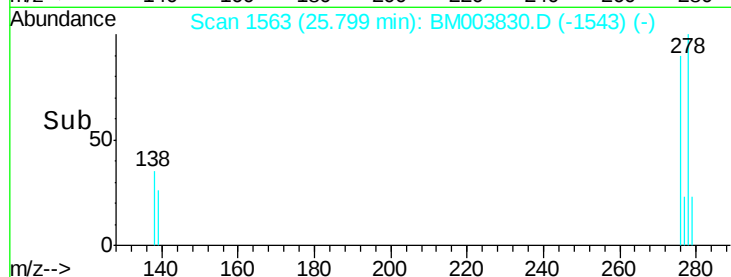
278 100

139 26.1 19.0 28.6

279 23.4 19.6 29.4



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



#40

Benzo(g,h,i)perylene

Concen: 12.68 ng

RT: 26.48 min Scan# 1628

Delta R.T. 0.01 min

Lab File: BM003830.D

Acq: 28 Dec 2015 16:08

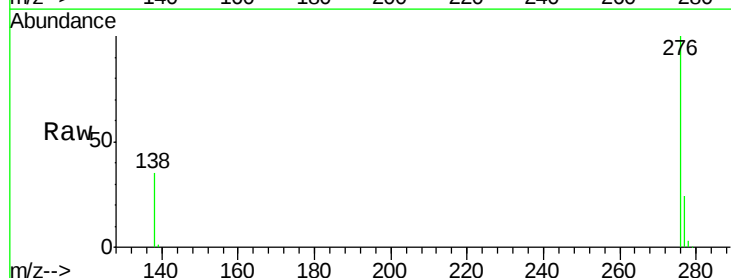
Tgt Ion:276 Resp: 1673825

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 34.9 25.0 37.4



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

