

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012216\
 Data File : BM004113.D
 Acq On : 22 Jan 2016 16:27
 Operator : SJ/UM
 Sample : PB87902BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87902BSD

Quant Time: Jan 22 17:38:21 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 14:46:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	24896	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	116428	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	69813	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	184676	5.00	ng	0.00
26) Chrysene-d12	21.27	240	176891	5.00	ng	0.00
35) Perylene-d12	23.51	264	177543	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	38587	7.43	ng	-0.02
5) Phenol-d6	6.83	99	51393	8.20	ng	-0.02
8) Nitrobenzene-d5	8.82	82	22581	4.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	17430	6.42	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	82628	3.86	ng	0.00
29) Terphenyl-d14	19.71	244	92439	4.11	ng	0.00

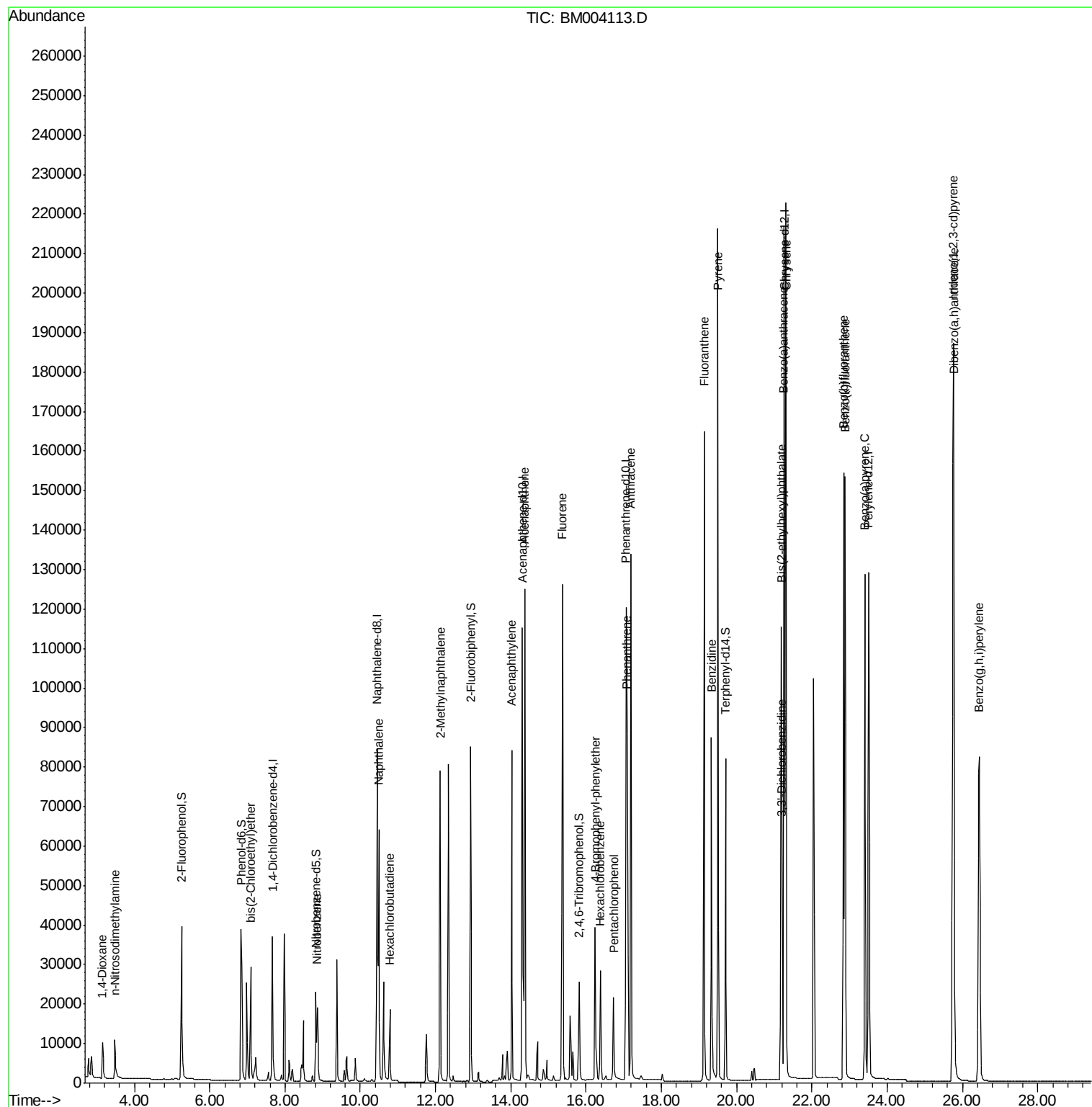
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	7796	3.45	ng	95
3) n-Nitrosodimethylamine	3.48	42	8836	3.98	ng	95
6) bis(2-Chloroethyl)ether	7.09	93	22056	3.80	ng	99
9) Nitrobenzene	8.86	77	22690	3.20	ng	98
10) Naphthalene	10.49	128	89547	3.30	ng	97
11) Hexachlorobutadiene	10.79	225	13576	3.25	ng	100
12) 2-Methylnaphthalene	12.12	142	64711	3.65	ng	97
16) Acenaphthylene	14.02	152	111612	3.70	ng	100
17) Acenaphthene	14.37	154	73985	3.24	ng	99
18) Fluorene	15.37	166	89938	3.24	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	22475	3.74	ng	# 72
21) Hexachlorobenzene	16.37	284	22578	3.57	ng	# 64
22) Pentachlorophenol	16.73	266	17539	6.75	ng	89
23) Phenanthrene	17.09	178	133109	3.70	ng	98
24) Anthracene	17.19	178	165008	3.91	ng	99
25) Fluoranthene	19.14	202	178575	3.57	ng	100
27) Benzidine	19.33	184	122911	7.57	ng	97
28) Pyrene	19.50	202	198758	4.06	ng	99
30) Benzo(a)anthracene	21.25	228	194863	3.76	ng	# 82
31) 3,3'-Dichlorobenzidine	21.21	252	54697	4.06	ng	# 85
32) Chrysene	21.31	228	189940	4.27	ng	95
33) Bis(2-ethylhexyl)phthalate	21.19	149	99552	4.25	ng	92
34) Indeno(1,2,3-cd)pyrene	25.76	276	196696	3.71	ng	100
36) Benzo(b)fluoranthene	22.84	252	198316	3.60	ng	98
37) Benzo(k)fluoranthene	22.88	252	176973	3.55	ng	98
38) Benzo(a)pyrene	23.41	252	180118	3.71	ng	98
39) Dibenzo(a,h)anthracene	25.77	278	157329	3.61	ng	98
40) Benzo(g,h,i)perylene	26.45	276	165546	3.48	ng	100

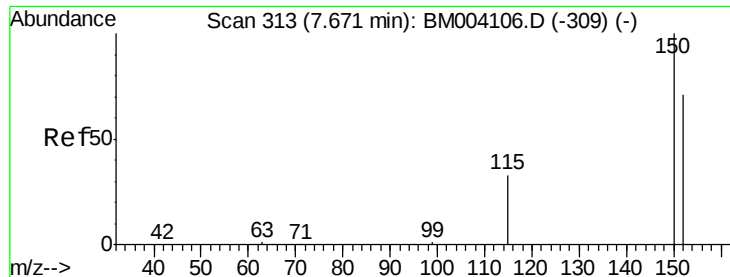
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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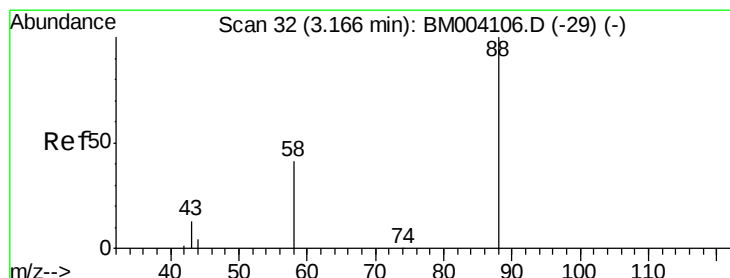
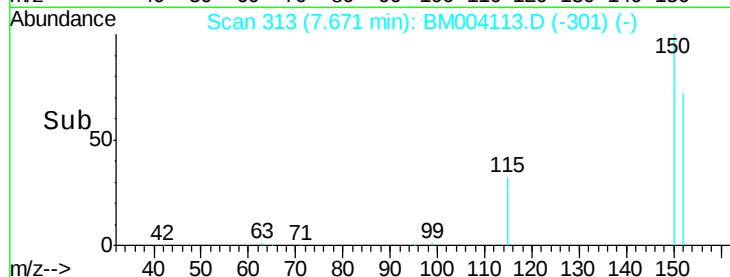
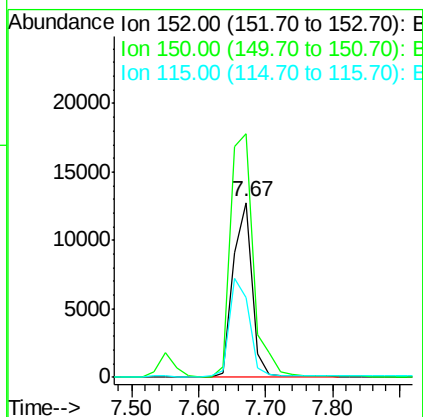
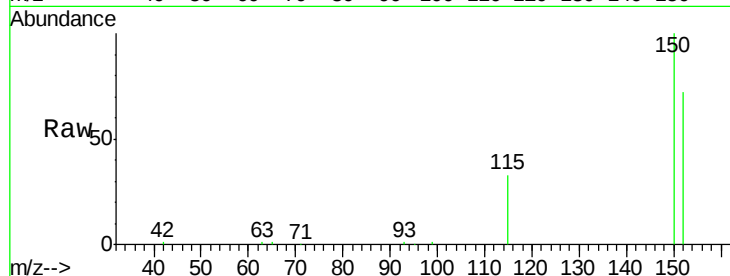


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004113.D
Acq: 22 Jan 2016 16:27

Instrument :
BNA_M
ClientSampleId :
PB87902BSD

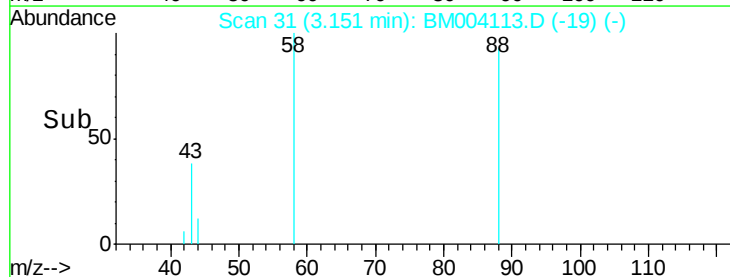
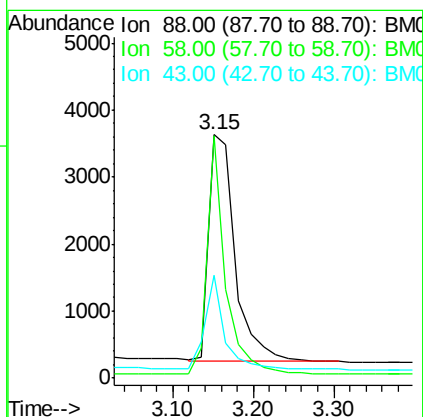
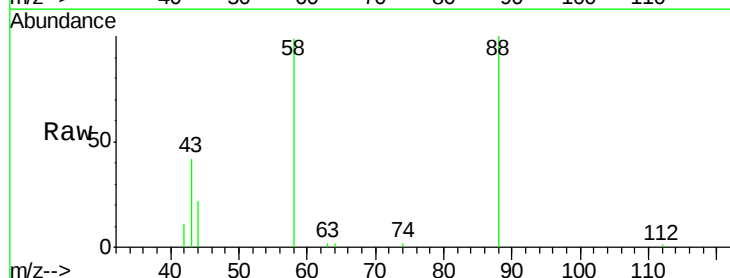
Tot Ion:152 Resp: 24896
Ion Ratio Lower Upper
152 100
150 139.3 122.9 184.3
115 45.7 44.4 66.6

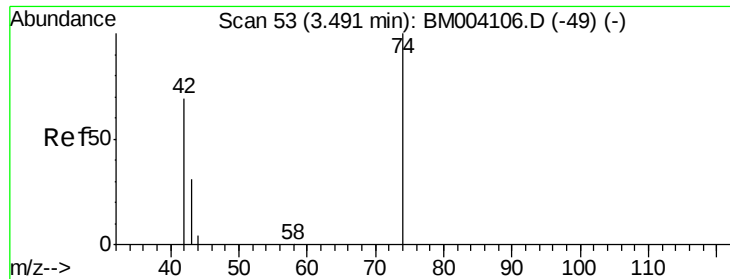


#2

1,4-Dioxane
Concen: 3.45 ng
RT: 3.15 min Scan# 31
Delta R.T. -0.02 min
Lab File: BM004113.D
Acq: 22 Jan 2016 16:27

Tgt Ion: 88 Resp: 7796
Ion Ratio Lower Upper
88 100
58 72.3 53.8 80.6
43 30.3 23.8 35.6



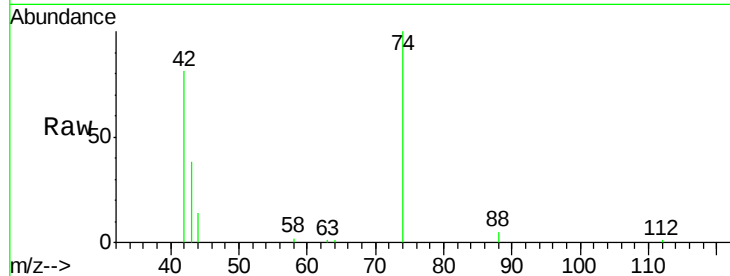


#3

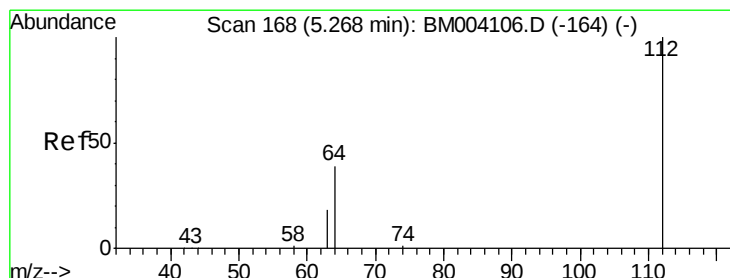
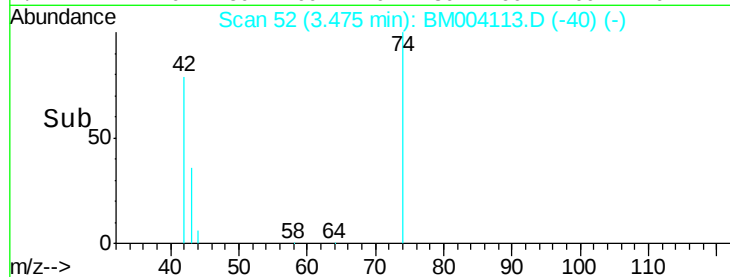
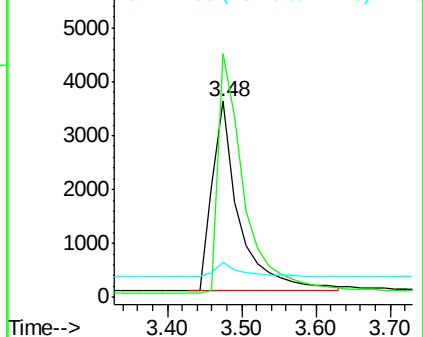
n-Nitrosodimethylamine
Concen: 3.98 ng
RT: 3.48 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM004113.D
Acq: 22 Jan 2016 16:27

Instrument :
BNA_M
ClientSampleId :
PB87902BSD

Tot Ion: 42 Resp: 8836
Ion Ratio Lower Upper
42 100
74 125.0 95.0 142.4
44 6.4 5.1 7.7



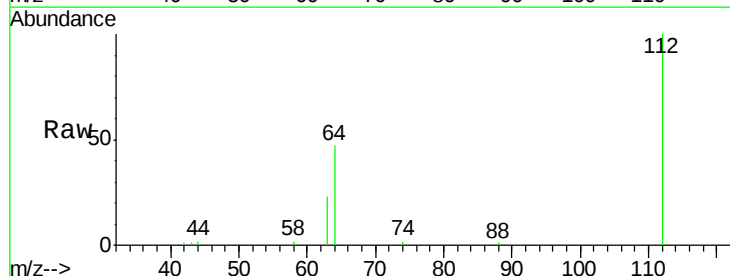
Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0



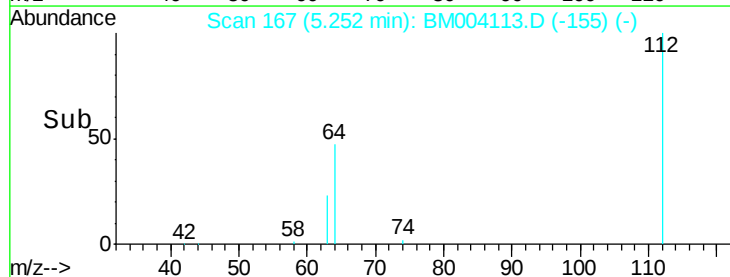
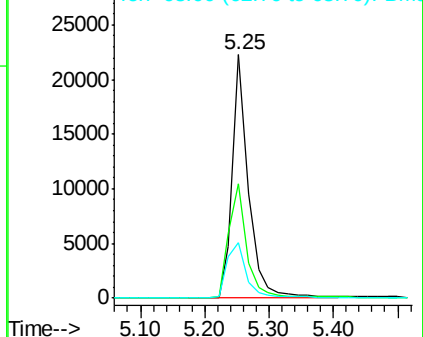
#4

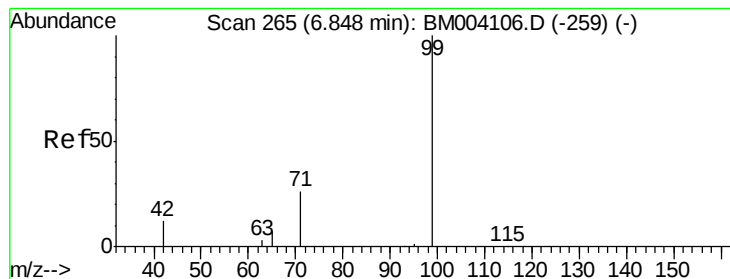
2-Fluorophenol
Concen: 7.43 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.02 min
Lab File: BM004113.D
Acq: 22 Jan 2016 16:27

Tgt Ion: 112 Resp: 38587
Ion Ratio Lower Upper
112 100
64 52.1 41.8 62.8
63 27.2 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 8.20 ng

RT: 6.83 min Scan# 264

Delta R.T. -0.02 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

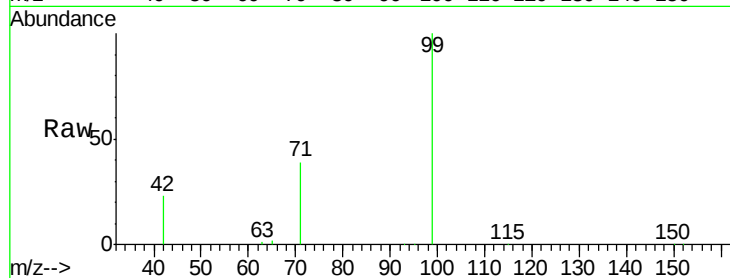
Tot Ion: 99 Resp: 51393

Ion Ratio Lower Upper

99 100

42 18.4 16.2 24.2

71 30.6 24.4 36.6

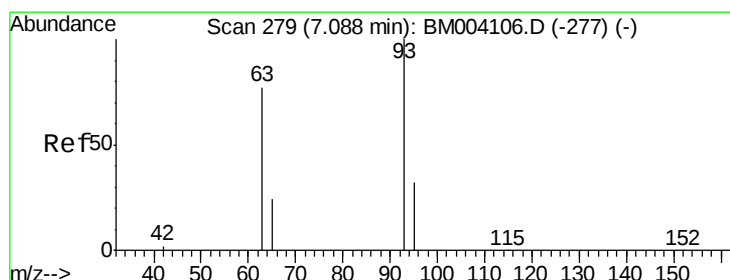
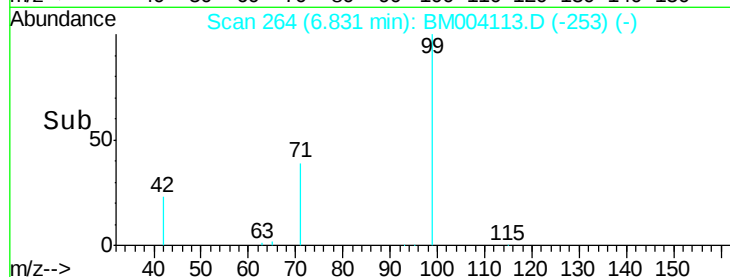


Abundance Ion 99.00 (98.70 to 99.70): BM004106.D (-259) (-)

Ion 42.00 (41.70 to 42.70): BM004106.D (-259) (-)

Ion 71.00 (70.70 to 71.70): BM004106.D (-259) (-)

Time--> 6.60 6.70 6.80 6.90 7.00



#6

bis(2-Chloroethyl)ether

Concen: 3.80 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

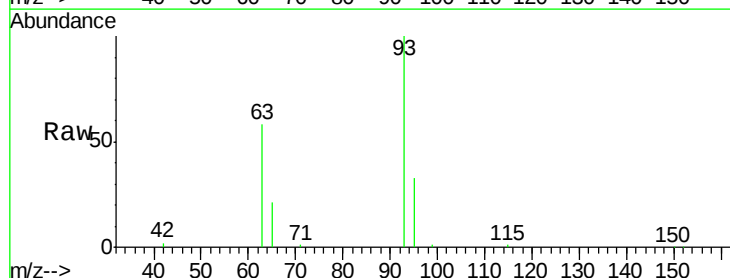
Tgt Ion: 93 Resp: 22056

Ion Ratio Lower Upper

93 100

63 73.3 58.3 87.5

95 33.0 25.8 38.8

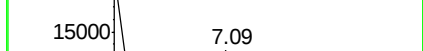
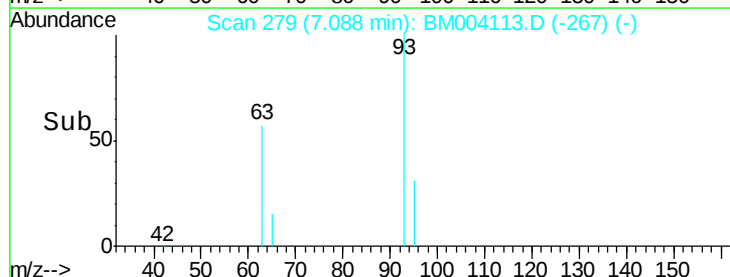


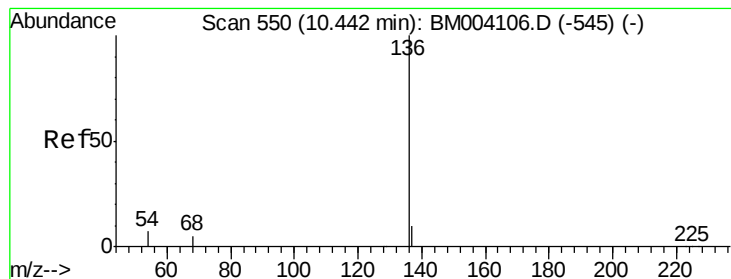
Abundance Ion 93.00 (92.70 to 93.70): BM004106.D (-277) (-)

Ion 63.00 (62.70 to 63.70): BM004106.D (-277) (-)

Ion 95.00 (94.70 to 95.70): BM004106.D (-277) (-)

Time--> 7.00 7.10 7.20





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

Tot Ion:136 Resp: 116428

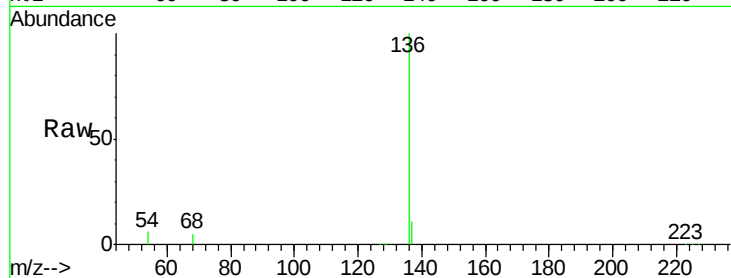
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 6.3 2.8 4.2#

68 5.0 2.5 3.7#

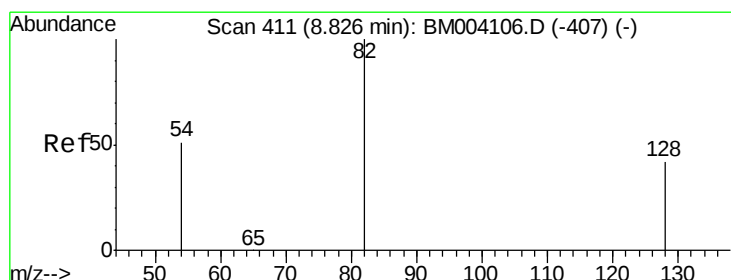
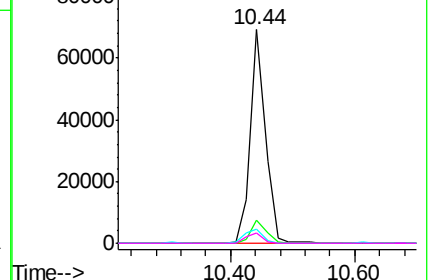
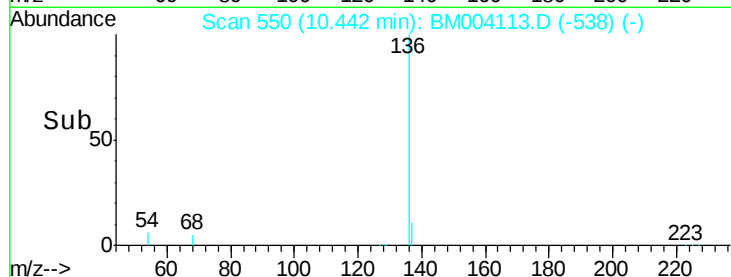


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.43 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.01 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

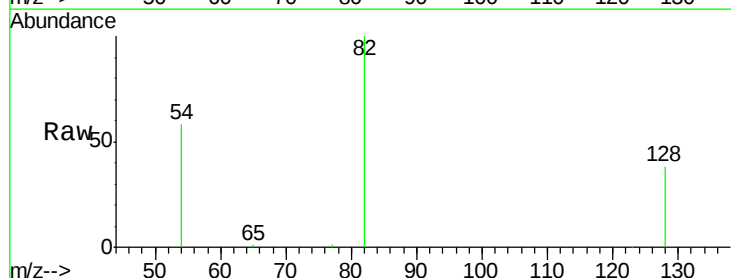
Tgt Ion: 82 Resp: 22581

Ion Ratio Lower Upper

82 100

128 38.4 39.1 58.7#

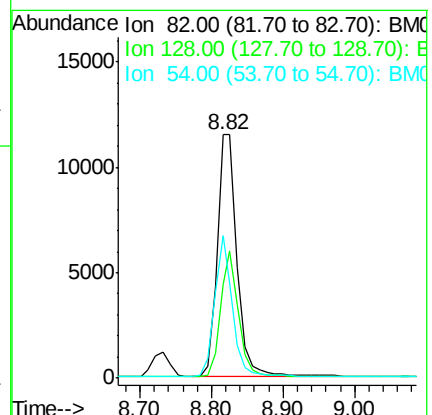
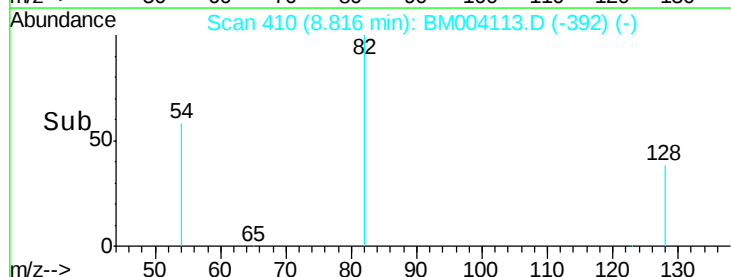
54 58.3 34.8 52.2#

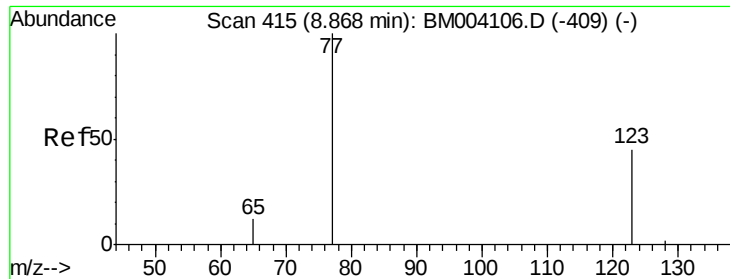


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.20 ng

RT: 8.86 min Scan# 414

Delta R.T. -0.01 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

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ClientSampleId :

PB87902BSD

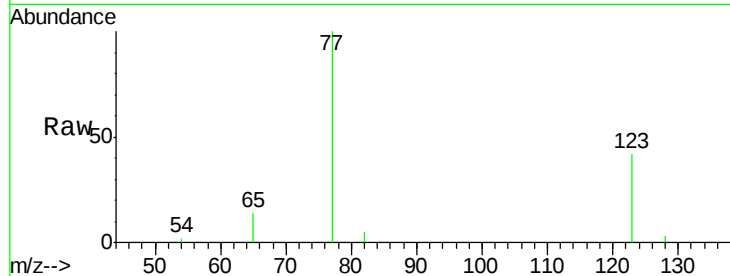
Tot Ion: 77 Resp: 22690

Ion Ratio Lower Upper

77 100

123 49.8 38.6 57.8

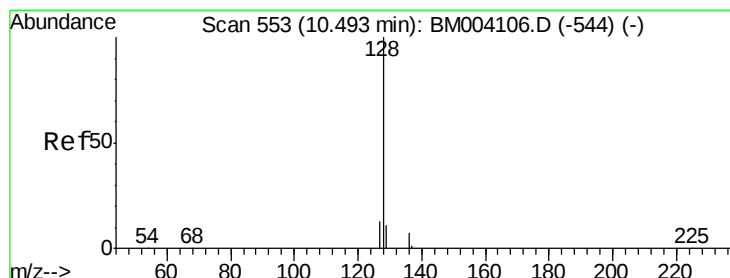
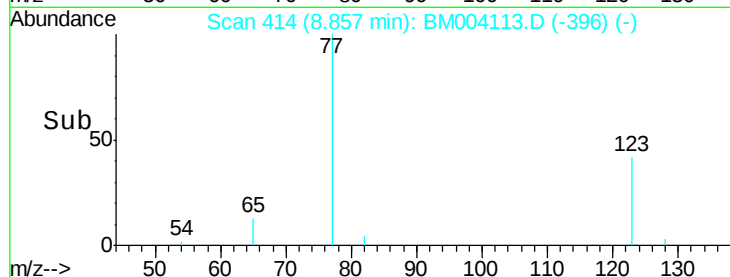
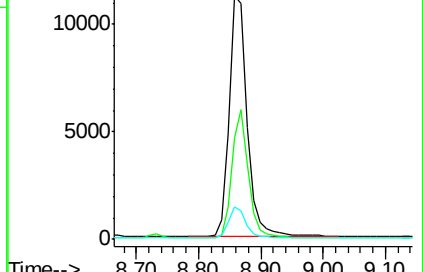
65 12.7 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM004106.D (-409) (-)

Ion 123.00 (122.70 to 123.70): BM004106.D (-409) (-)

Ion 65.00 (64.70 to 65.70): BM004106.D (-409) (-)



#10

Naphthalene

Concen: 3.30 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

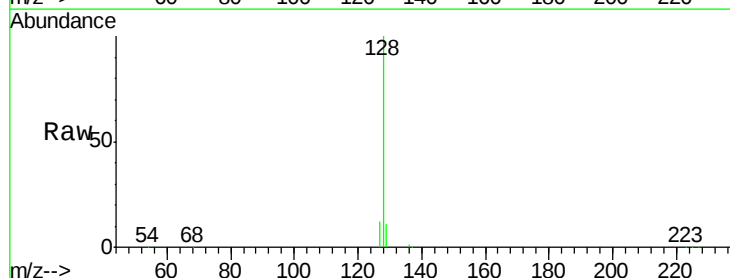
Tgt Ion: 128 Resp: 89547

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

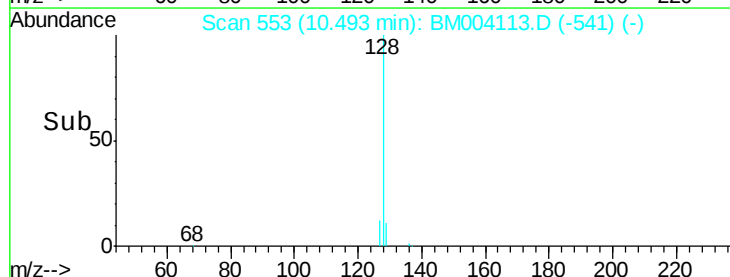
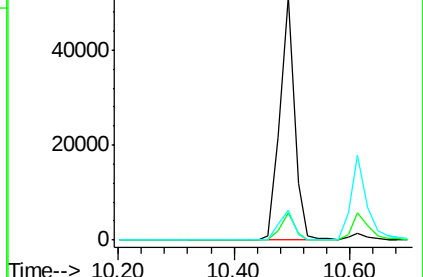
127 12.4 11.0 16.4

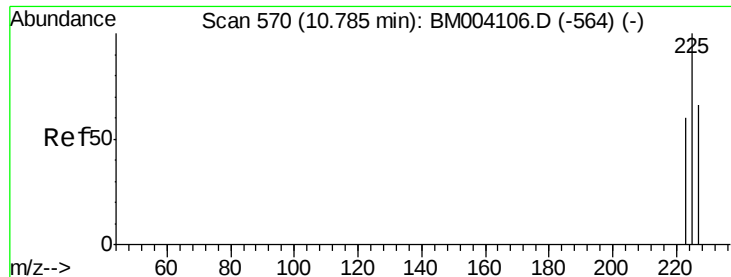


Abundance Ion 128.00 (127.70 to 128.70): BM004106.D (-544) (-)

Ion 129.00 (128.70 to 129.70): BM004106.D (-544) (-)

Ion 127.00 (126.70 to 127.70): BM004106.D (-544) (-)

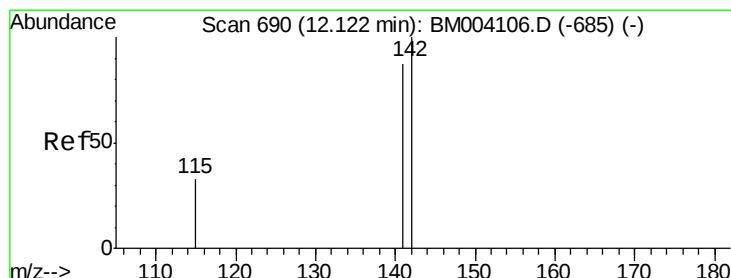
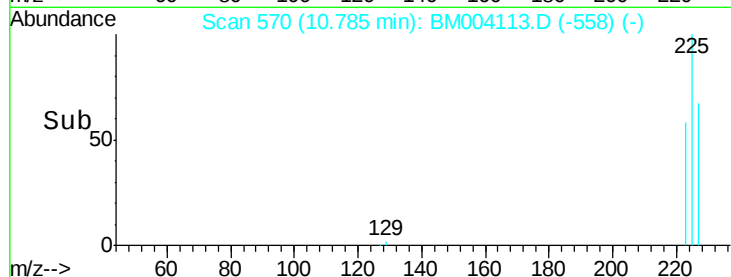
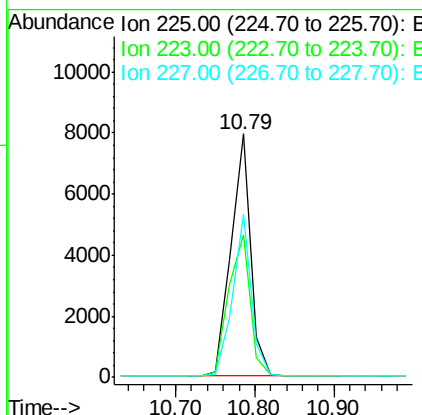
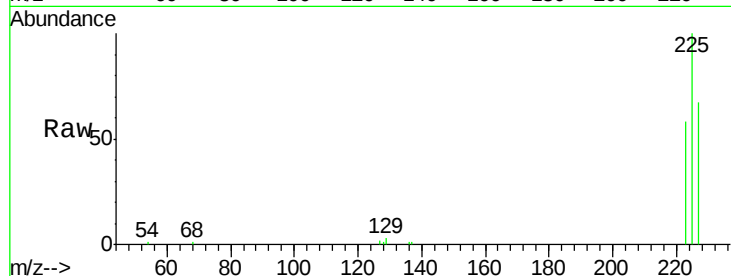




#11
Hexachlorobutadiene
Concen: 3.25 ng
RT: 10.79 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004113.D
Acq: 22 Jan 2016 16:27

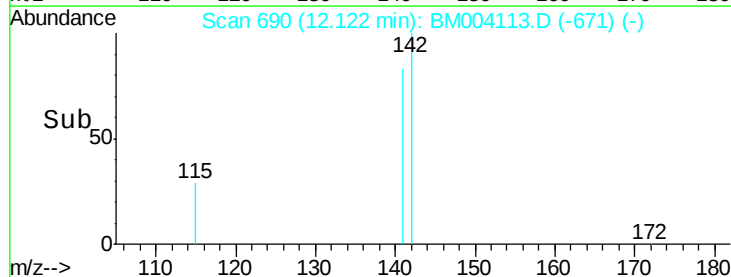
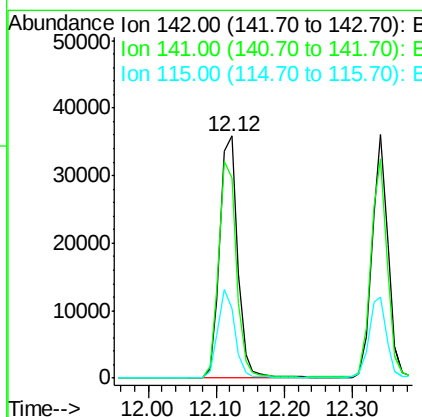
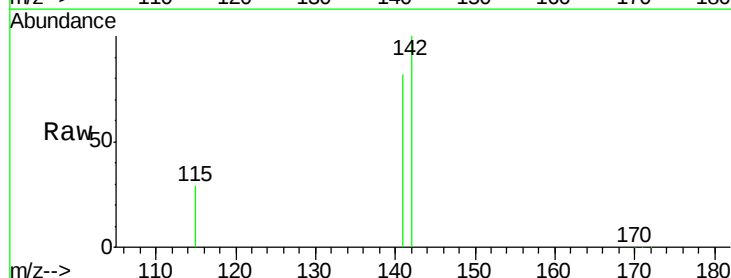
Instrument :
BNA_M
ClientSampleId :
PB87902BSD

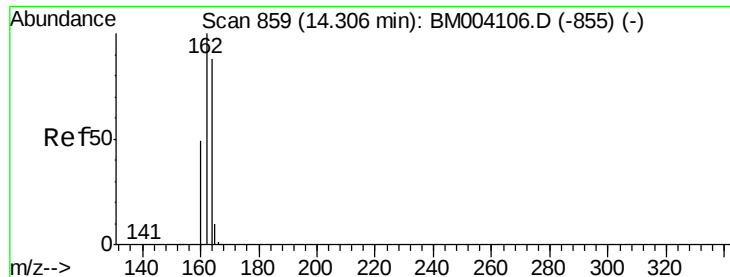
Tot Ion:225 Resp: 13576
Ion Ratio Lower Upper
225 100
223 63.2 50.9 76.3
227 63.6 51.2 76.8



#12
2-Methylnaphthalene
Concen: 3.65 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM004113.D
Acq: 22 Jan 2016 16:27

Tgt Ion:142 Resp: 64711
Ion Ratio Lower Upper
142 100
141 82.5 67.8 101.8
115 28.9 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

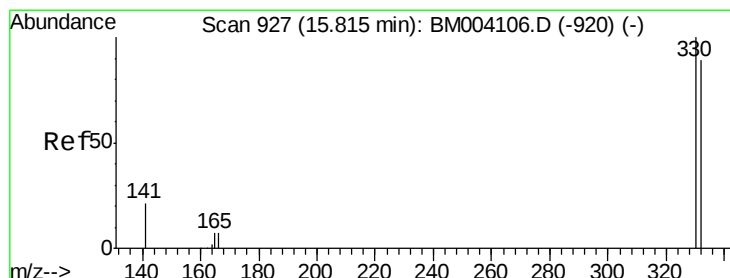
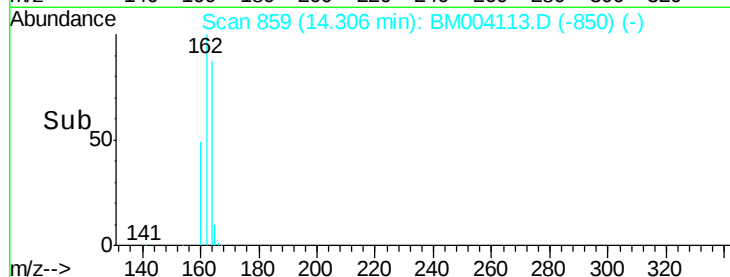
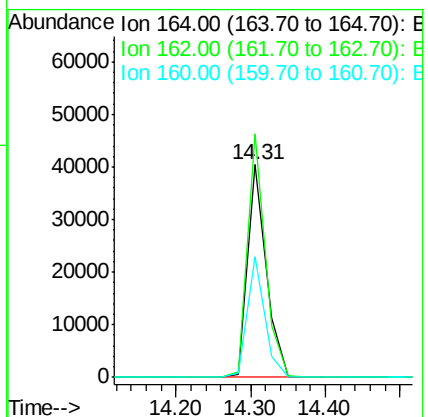
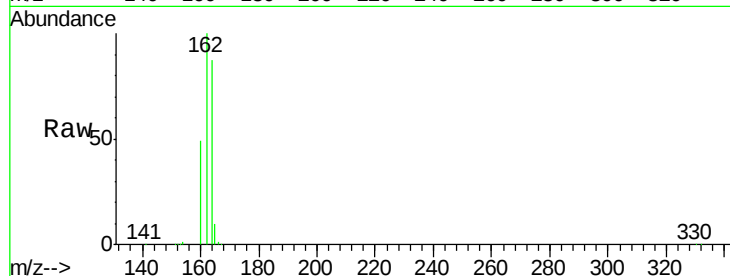
Tot Ion:164 Resp: 69813

Ion Ratio Lower Upper

164 100

162 114.5 86.0 129.0

160 56.5 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 6.42 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

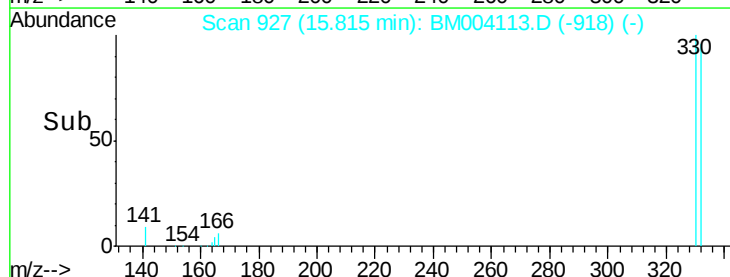
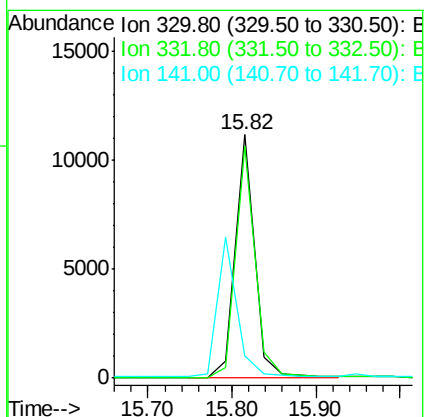
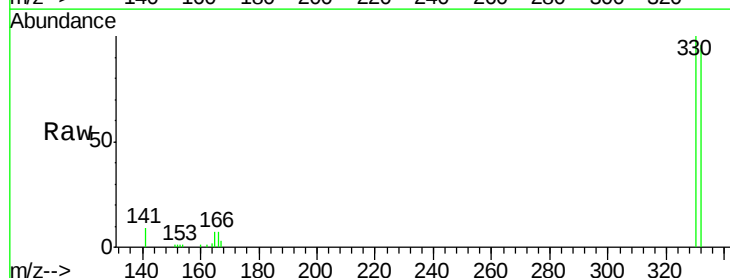
Tgt Ion:330 Resp: 17430

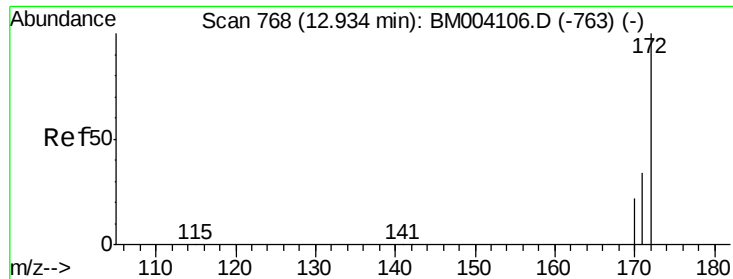
Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 0.0 27.8 41.6#

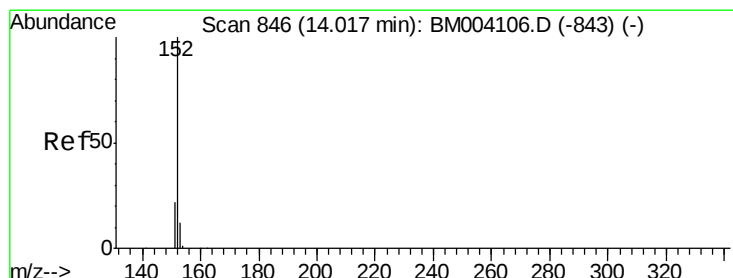
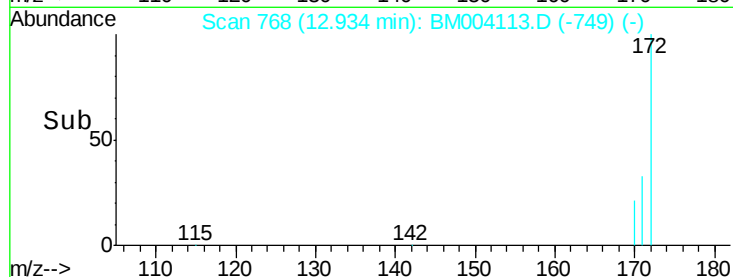
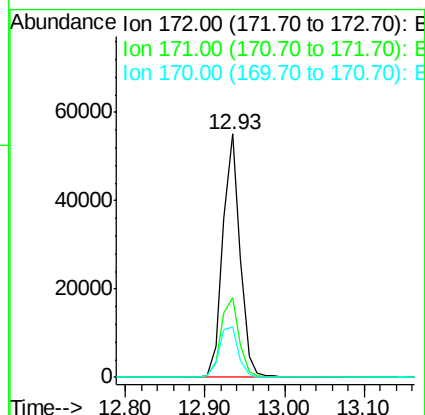
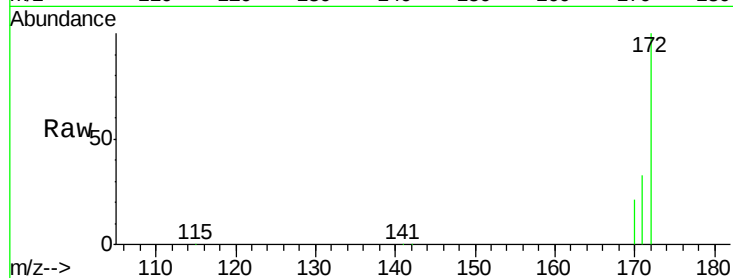




#15
2-Fluorobiphenyl
Concen: 3.86 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004113.D
Acq: 22 Jan 2016 16:27

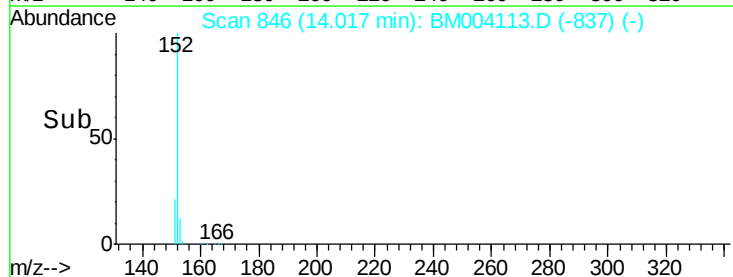
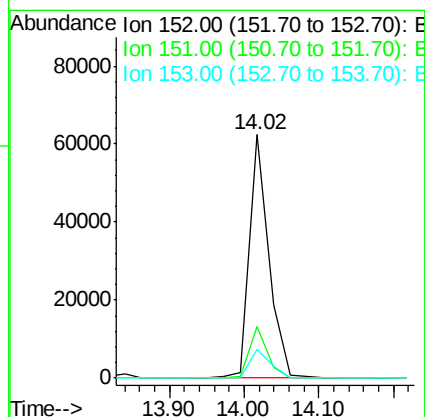
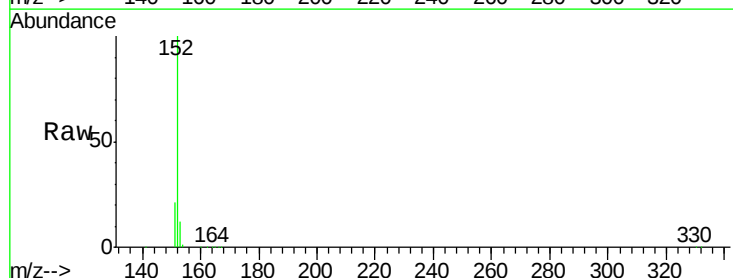
Instrument :
BNA_M
ClientSampleId :
PB87902BSD

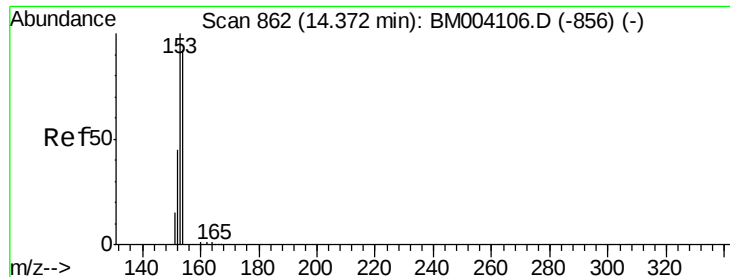
Tot Ion:172 Resp: 82628
Ion Ratio Lower Upper
172 100
171 32.8 27.0 40.6
170 20.7 17.9 26.9



#16
Acenaphthylene
Concen: 3.70 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM004113.D
Acq: 22 Jan 2016 16:27

Tgt Ion:152 Resp: 111612
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 3.24 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

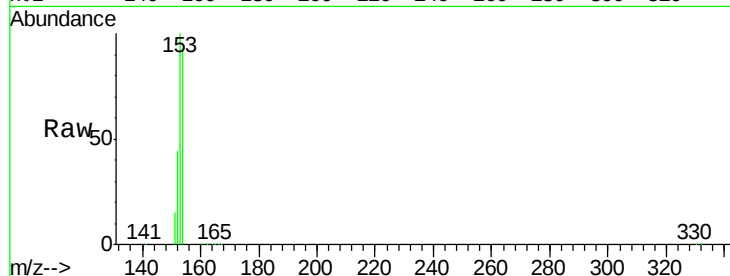
Tot Ion:154 Resp: 73985

Ion Ratio Lower Upper

154 100

153 105.8 85.4 128.2

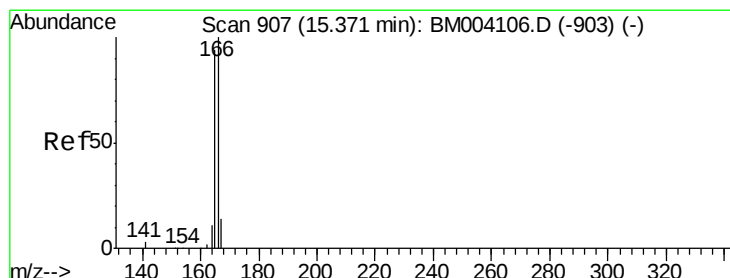
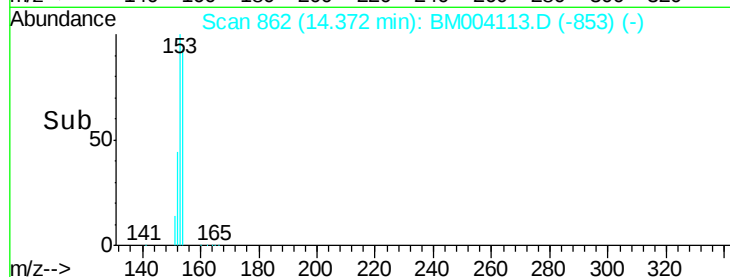
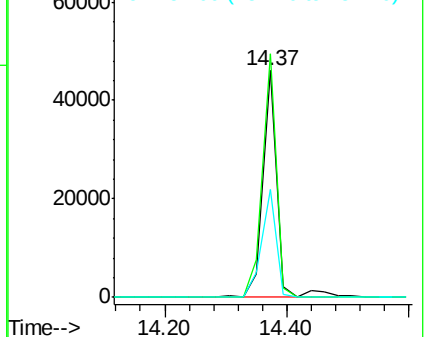
152 49.5 40.6 60.8



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



#18

Fluorene

Concen: 3.24 ng

RT: 15.37 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

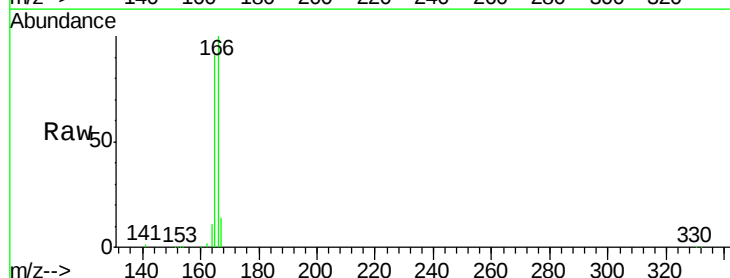
Tgt Ion:166 Resp: 89938

Ion Ratio Lower Upper

166 100

165 95.8 77.2 115.8

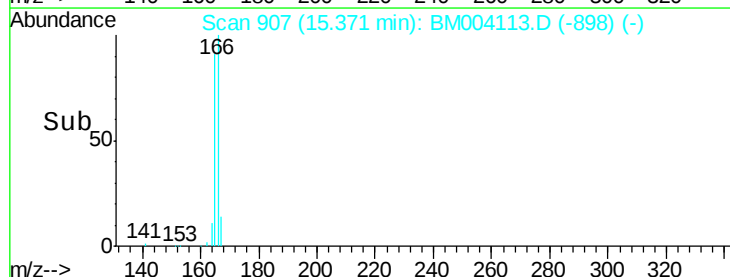
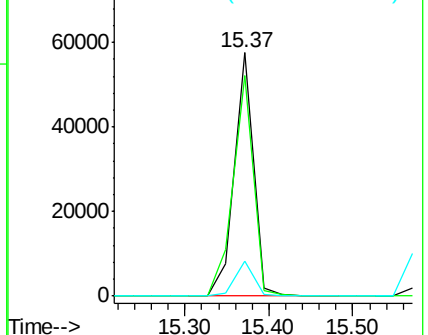
167 13.8 11.0 16.6

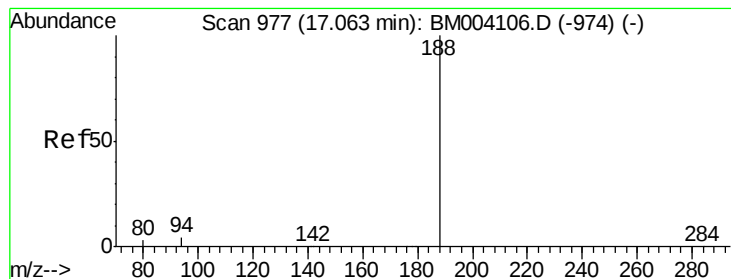


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

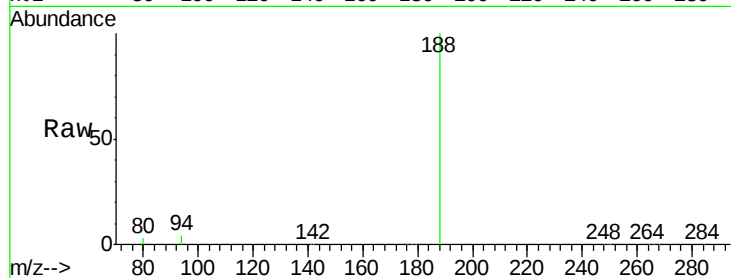
Tot Ion:188 Resp: 184676

Ion Ratio Lower Upper

188 100

94 3.7 20.3 30.5#

80 3.0 22.2 33.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

150000

100000

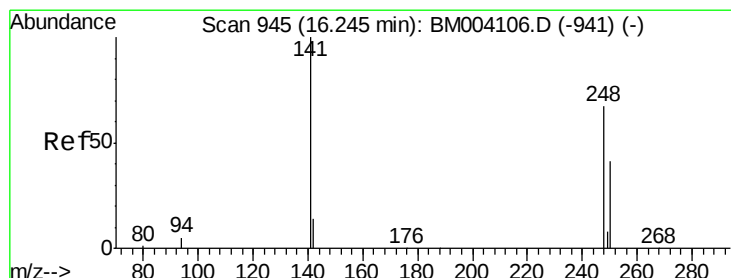
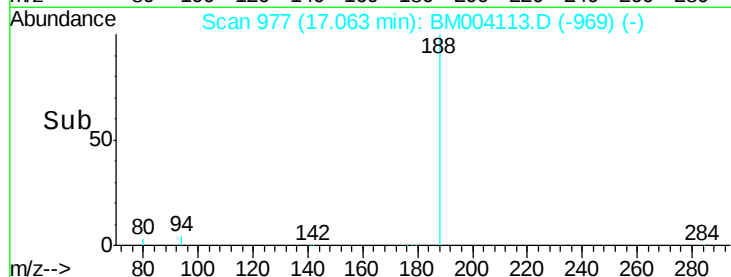
50000

0

17.06

17.00 17.10

Time-->



#20

4-Bromophenyl-phenylether

Concen: 3.74 ng

RT: 16.24 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

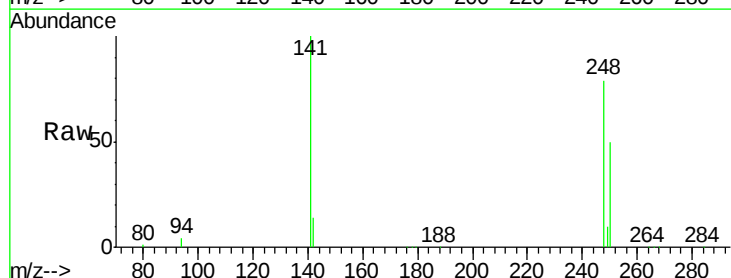
Tgt Ion:248 Resp: 22475

Ion Ratio Lower Upper

248 100

250 84.3 75.0 112.4

141 108.6 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

20000

15000

10000

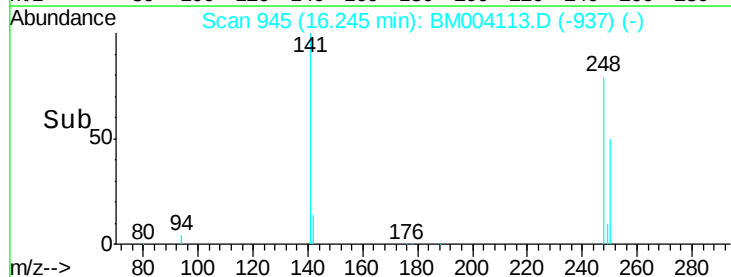
5000

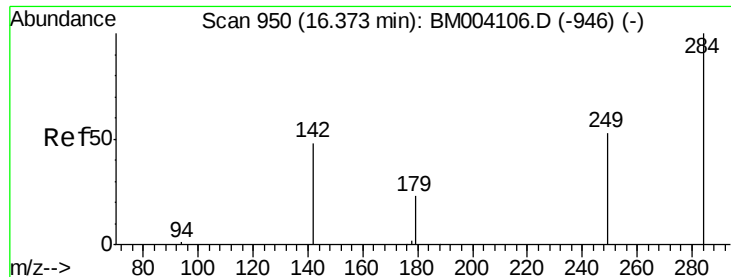
0

16.24

16.10 16.20 16.30

Time-->

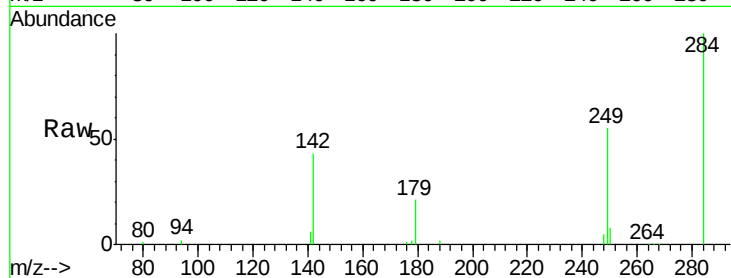




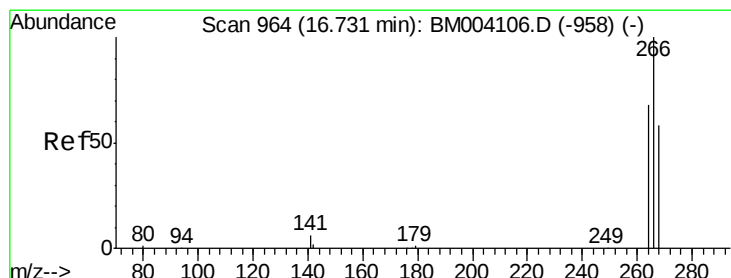
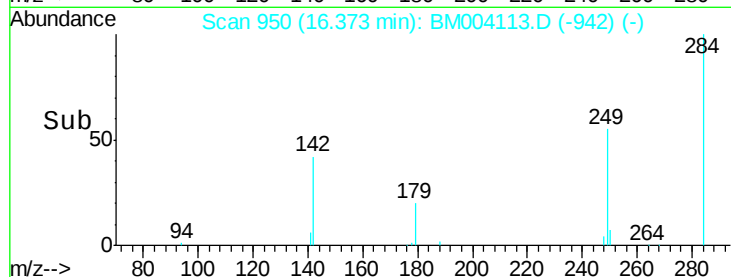
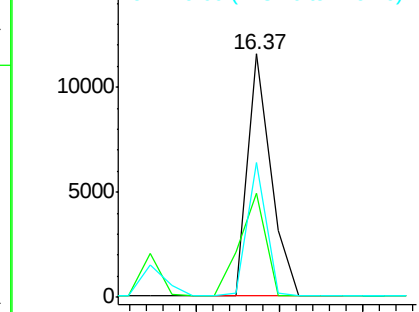
#21
Hexachlorobenzene
Concen: 3.57 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM004113.D
Acq: 22 Jan 2016 16:27

Instrument :
BNA_M
ClientSampleId :
PB87902BSD

Tot Ion:284 Resp: 22578
Ion Ratio Lower Upper
284 100
142 47.6 22.2 33.4#
249 45.0 21.5 32.3#

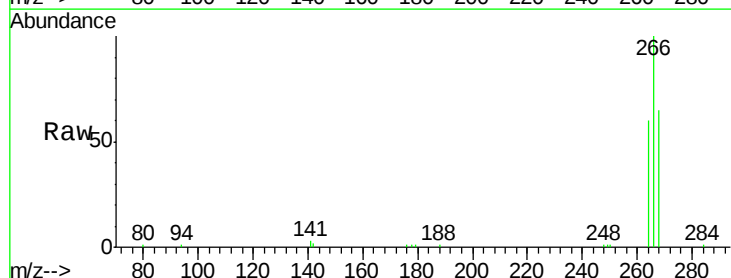


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

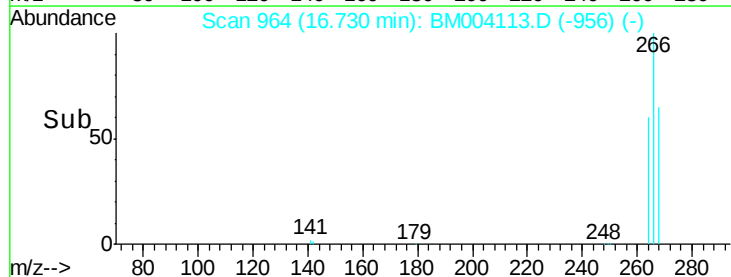
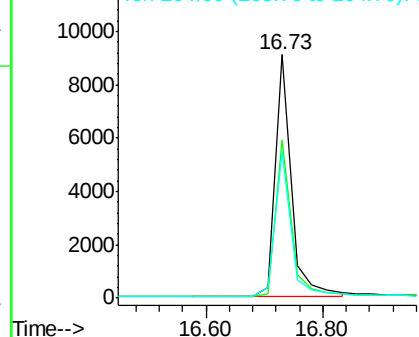


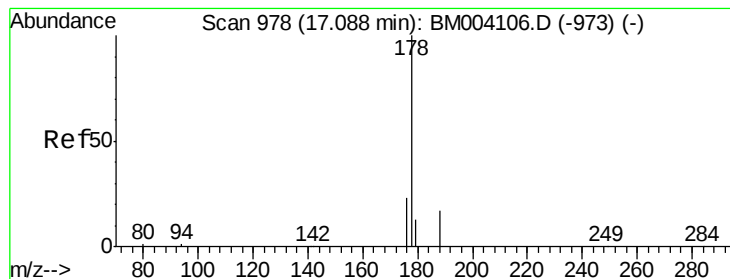
#22
Pentachlorophenol
Concen: 6.75 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004113.D
Acq: 22 Jan 2016 16:27

Tgt Ion:266 Resp: 17539
Ion Ratio Lower Upper
266 100
268 65.0 62.7 94.1
264 60.1 45.7 68.5



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





#23

Phenanthrene

Concen: 3.70 ng

RT: 17.09 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

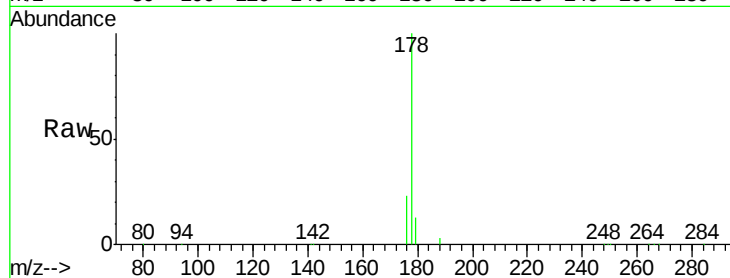
Tot Ion:178 Resp: 133109

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.0

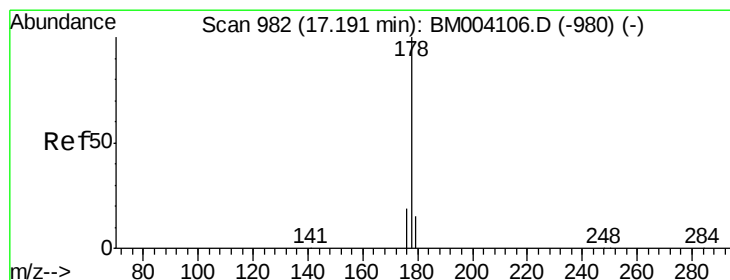
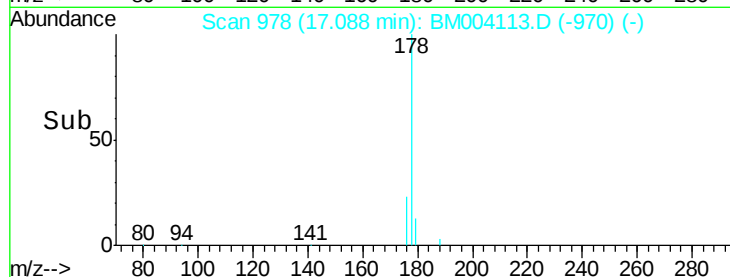
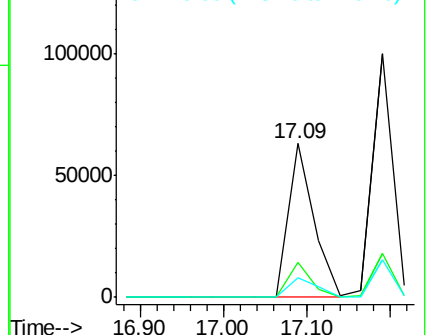
179 14.8 12.2 18.4



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: 3.91 ng

RT: 17.19 min Scan# 982

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

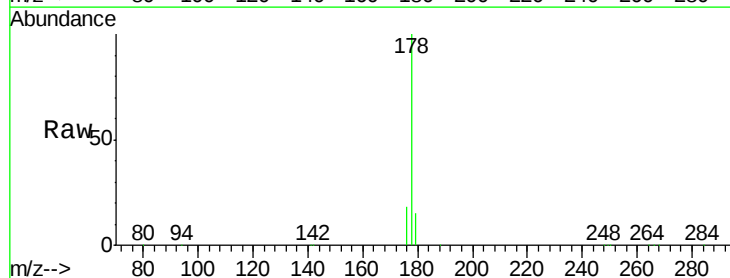
Tgt Ion:178 Resp: 165008

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

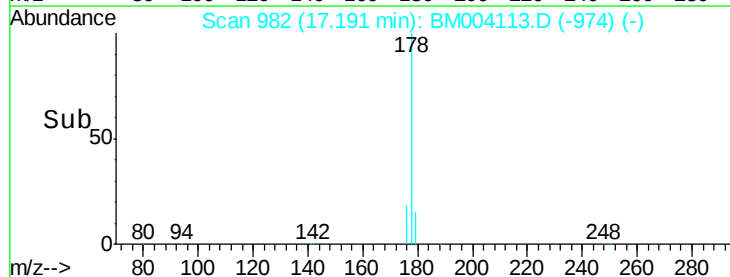
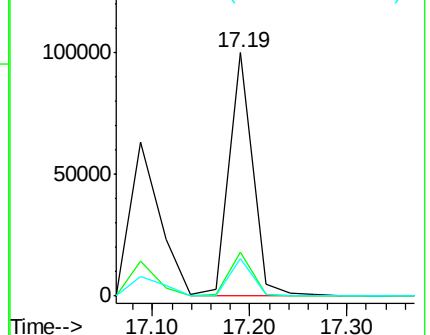
179 15.3 12.6 19.0

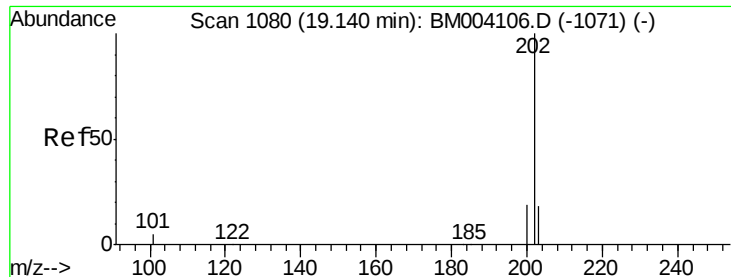


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.57 ng

RT: 19.14 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

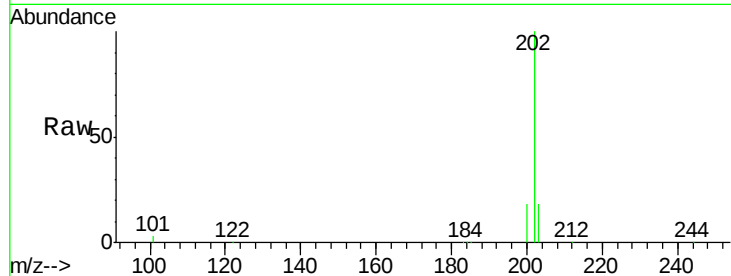
Tot Ion:202 Resp: 178575

Ion Ratio Lower Upper

202 100

101 11.9 9.7 14.5

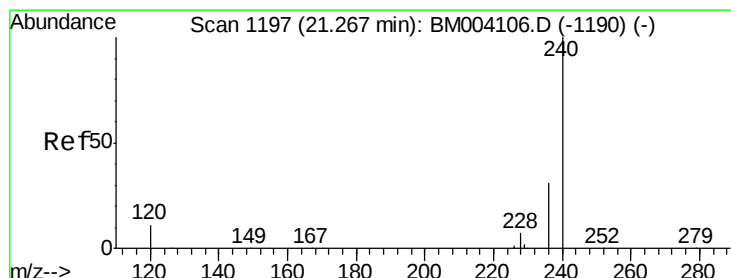
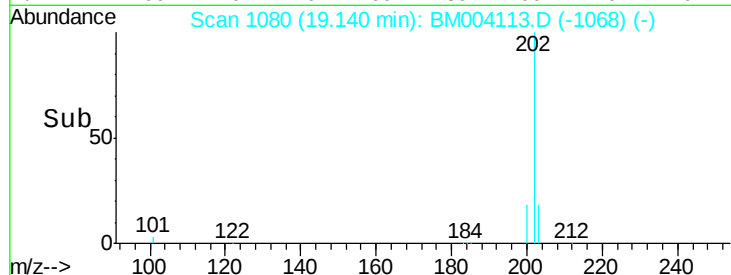
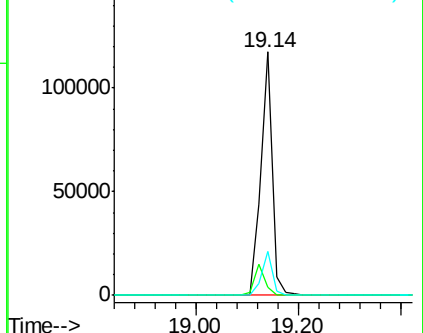
203 17.3 13.8 20.8



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: 21.27 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

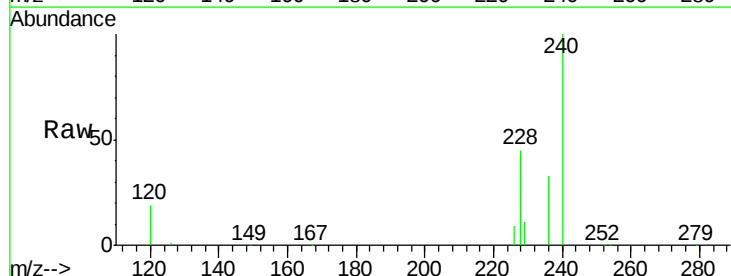
Tgt Ion:240 Resp: 176891

Ion Ratio Lower Upper

240 100

120 19.3 0.9 1.3#

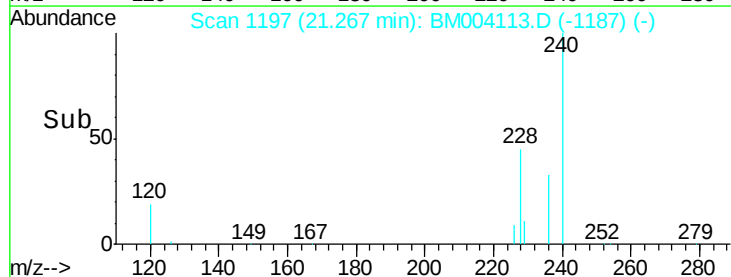
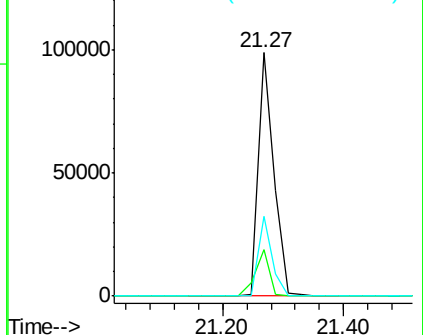
236 32.9 17.3 25.9#

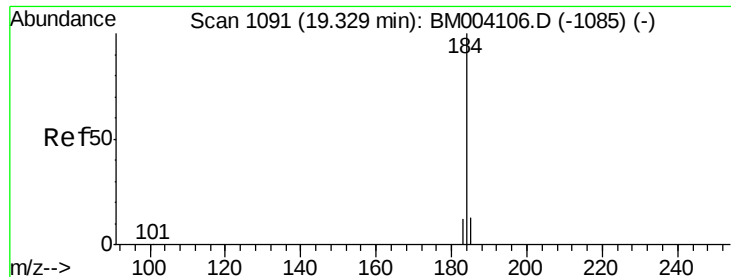


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 7.57 ng

RT: 19.33 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

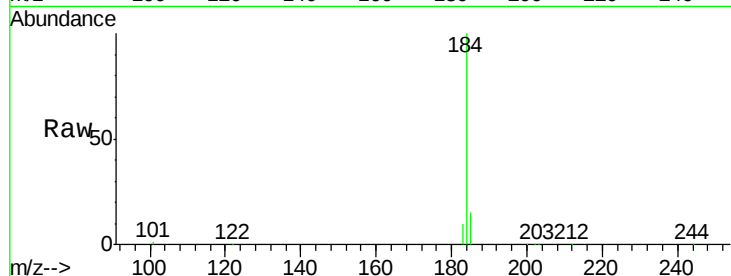
Tot Ion:184 Resp: 122911

Ion Ratio Lower Upper

184 100

185 15.0 13.2 19.8

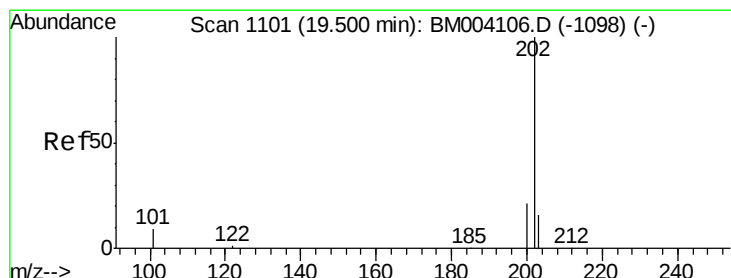
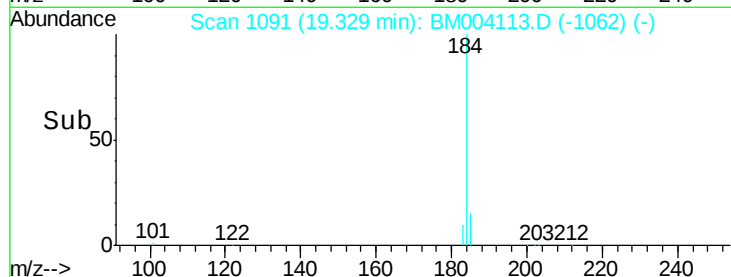
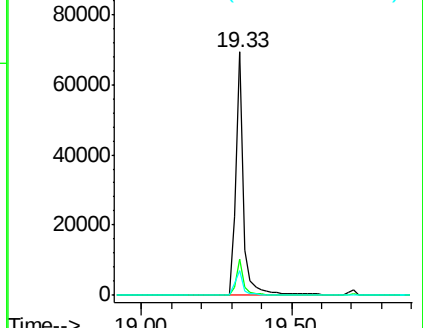
183 10.2 9.0 13.6



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: 4.06 ng

RT: 19.50 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

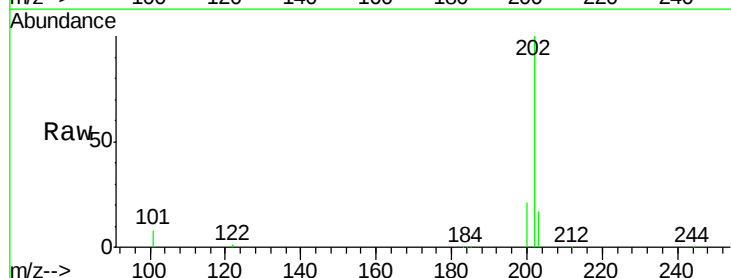
Tgt Ion:202 Resp: 198758

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

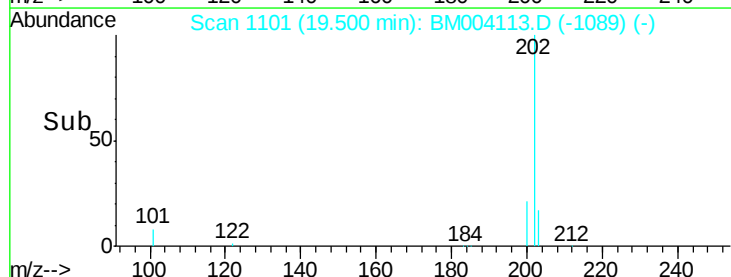
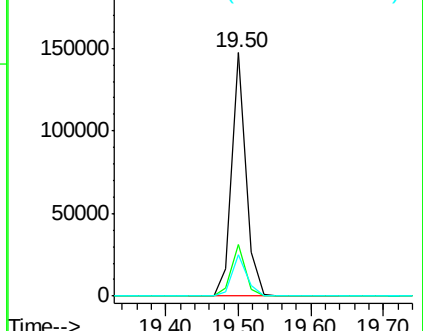
203 17.8 14.0 21.0

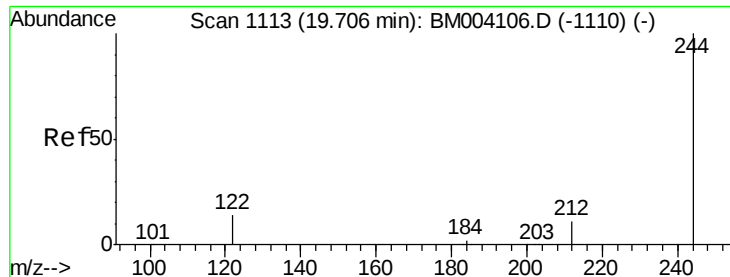


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.11 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

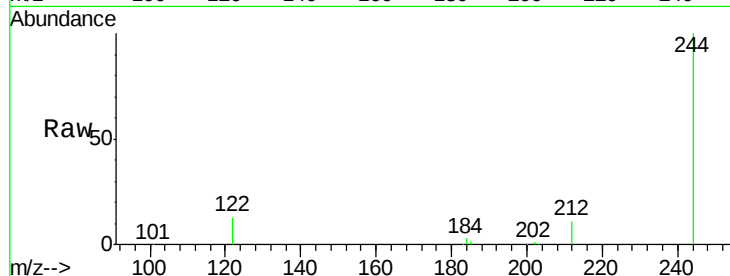
Tot Ion:244 Resp: 92439

Ion Ratio Lower Upper

244 100

212 10.6 7.0 10.6#

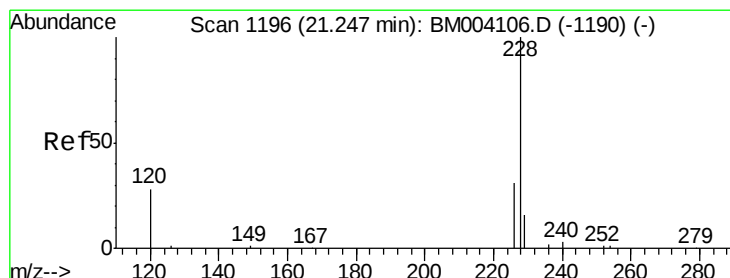
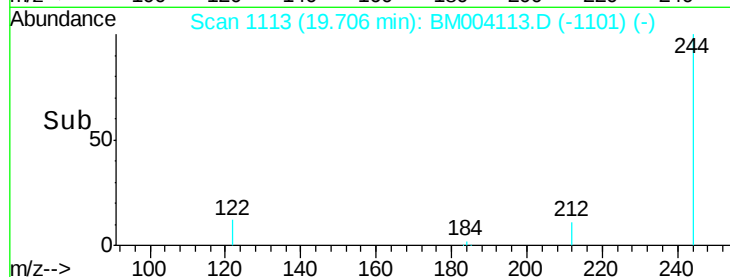
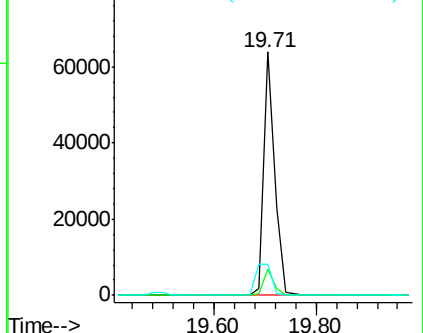
122 12.8 3.0 4.6#



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: 3.76 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

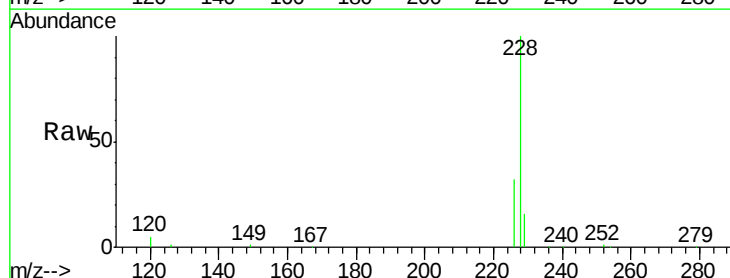
Tgt Ion:228 Resp: 194863

Ion Ratio Lower Upper

228 100

226 32.1 17.2 25.8#

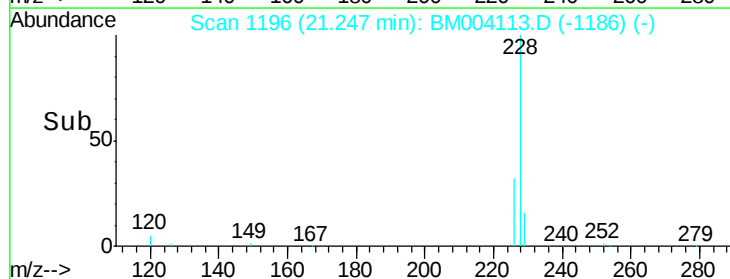
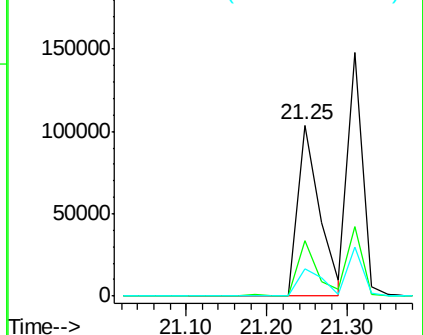
229 16.2 18.7 28.1#

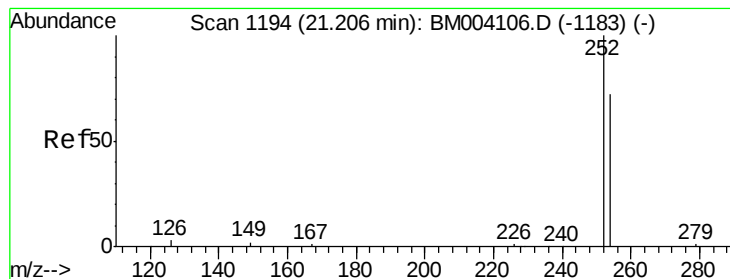


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 4.06 ng

RT: 21.21 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

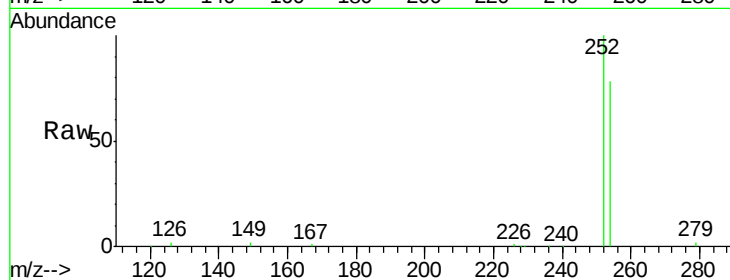
Tot Ion:252 Resp: 54697

Ion Ratio Lower Upper

252 100

254 78.0 52.6 79.0

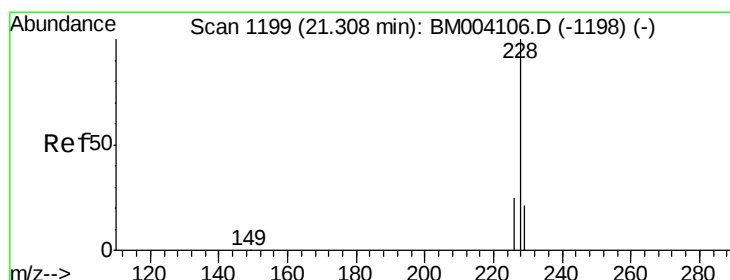
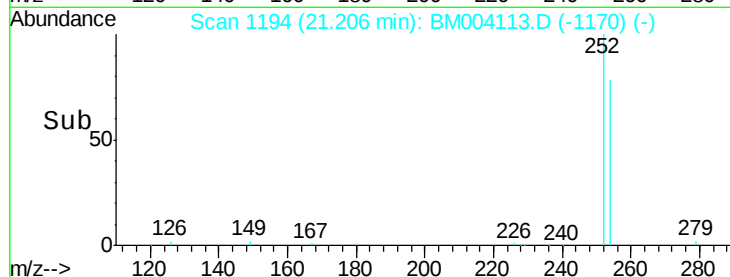
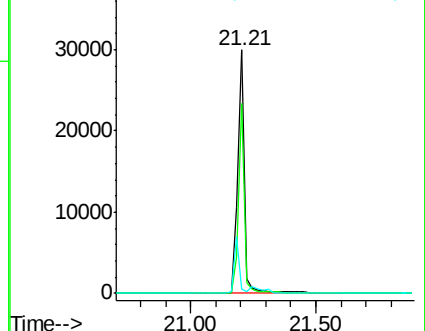
126 2.0 3.7 5.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 4.27 ng

RT: 21.31 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

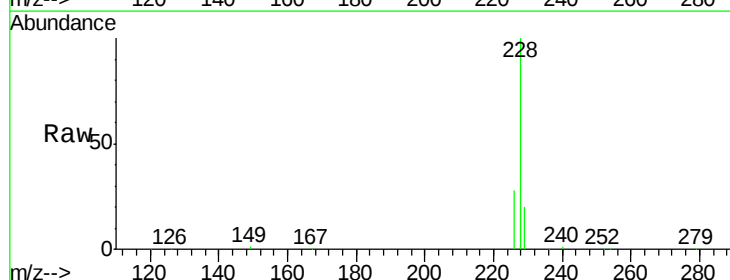
Tgt Ion:228 Resp: 189940

Ion Ratio Lower Upper

228 100

226 28.5 25.3 37.9

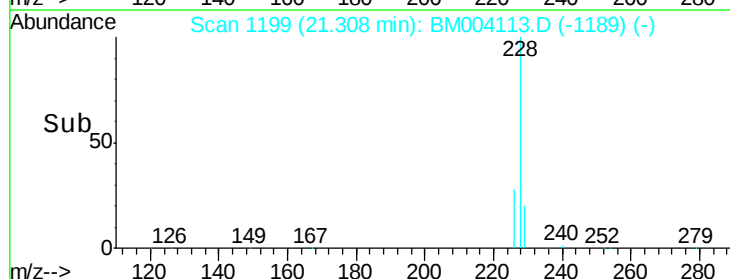
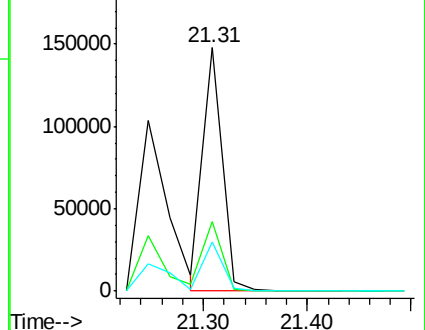
229 19.9 14.5 21.7

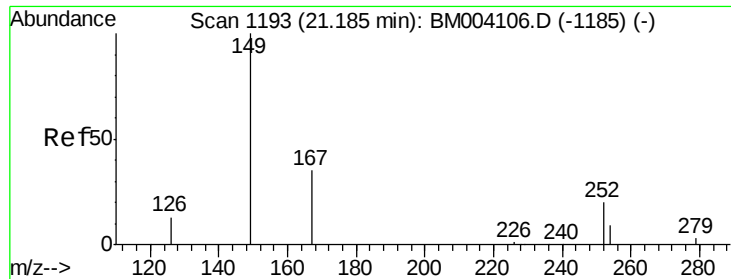


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 4.25 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

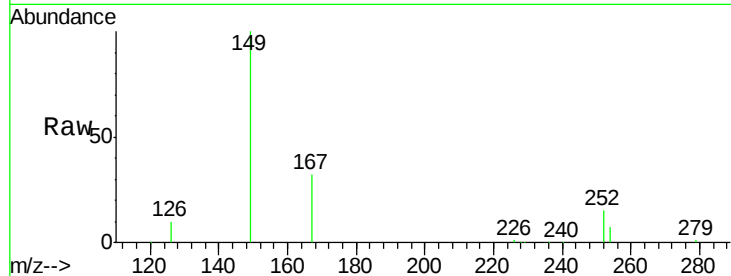
Tot Ion:149 Resp: 99552

Ion Ratio Lower Upper

149 100

167 29.6 20.1 30.1

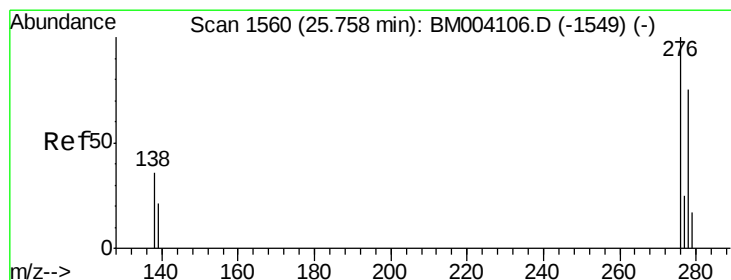
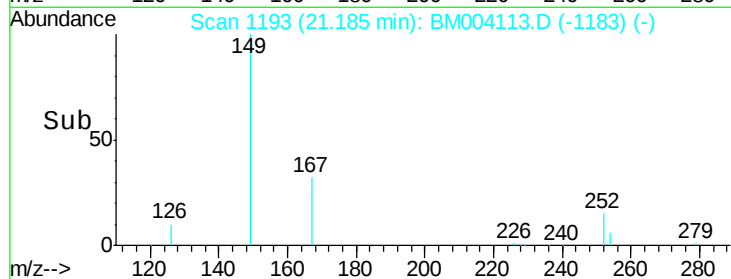
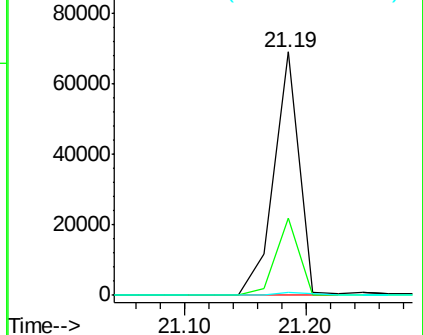
279 1.8 1.8 2.6



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 3.71 ng

RT: 25.76 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

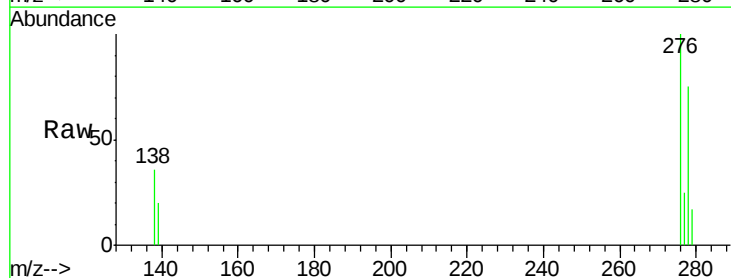
Tgt Ion:276 Resp: 196696

Ion Ratio Lower Upper

276 100

138 37.3 30.2 45.2

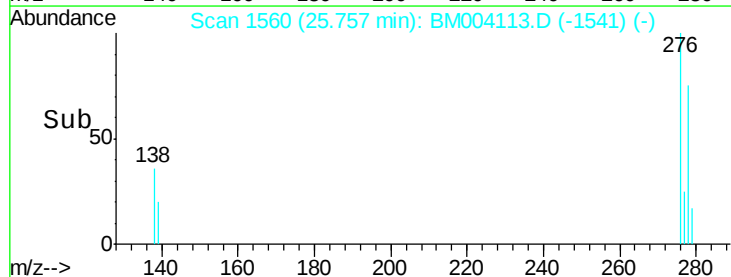
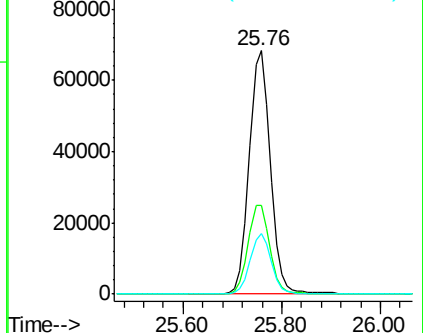
277 24.7 19.8 29.8

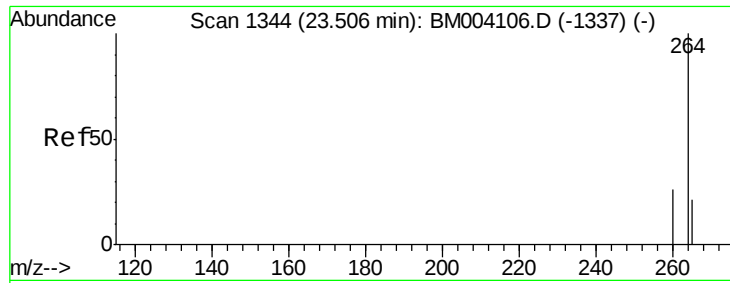


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

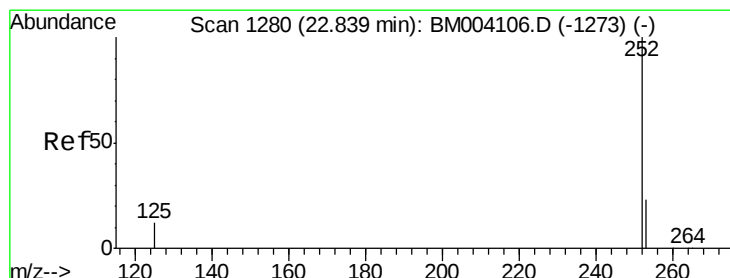
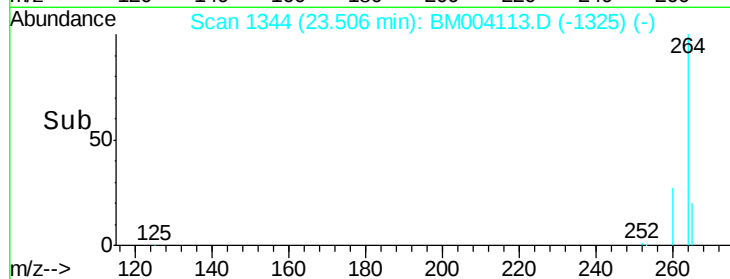
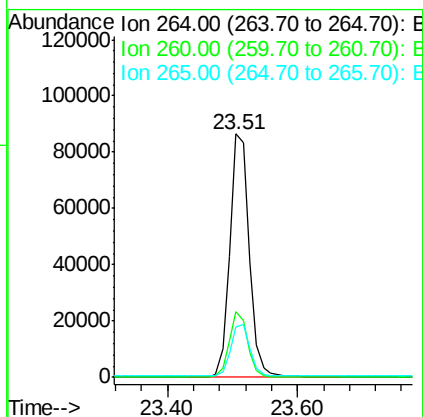
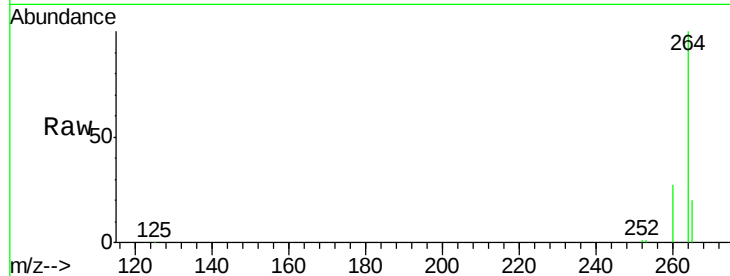




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BM004113.D
 Acq: 22 Jan 2016 16:27

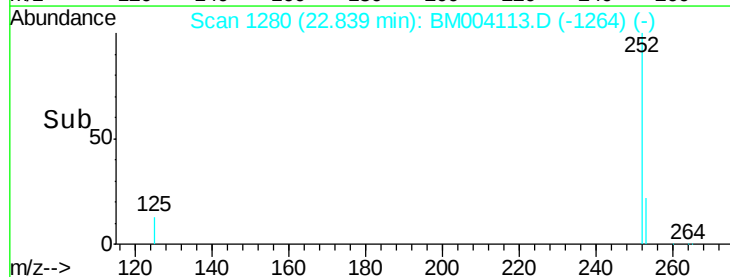
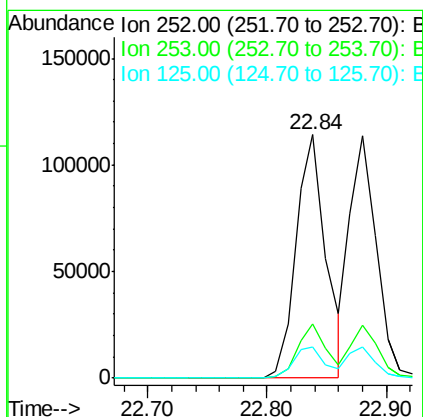
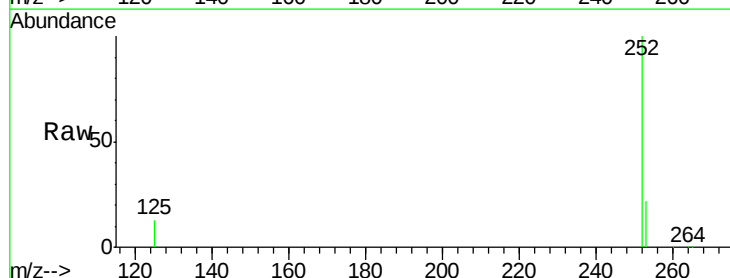
Instrument :
 BNA_M
 ClientSampleId :
 PB87902BSD

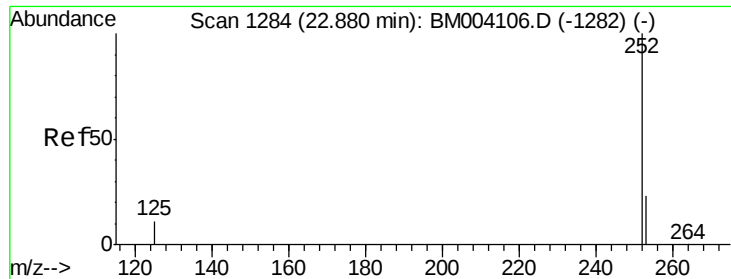
Tot Ion:264 Resp: 177543
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.2 31.8
 265 20.5 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 3.60 ng
 RT: 22.84 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BM004113.D
 Acq: 22 Jan 2016 16:27

Tgt Ion:252 Resp: 198316
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.8 28.2
 125 12.7 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 3.55 ng

RT: 22.88 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

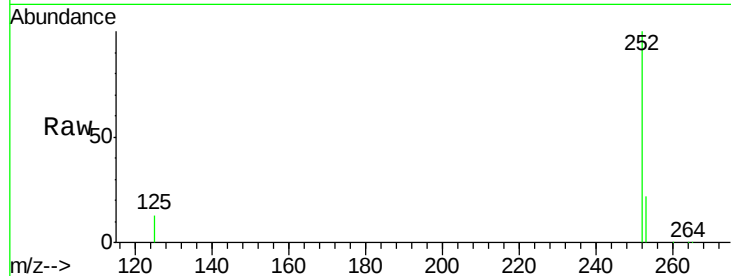
Tot Ion:252 Resp: 176973

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

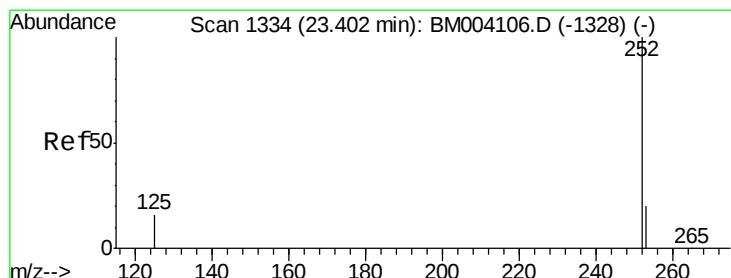
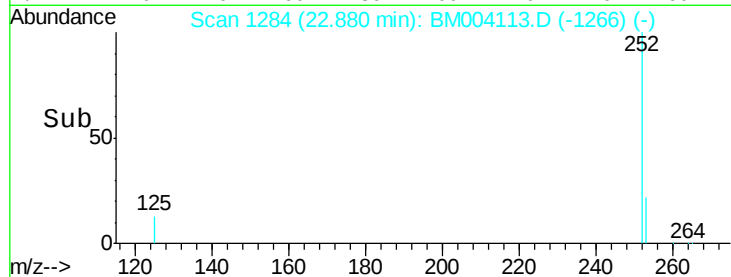
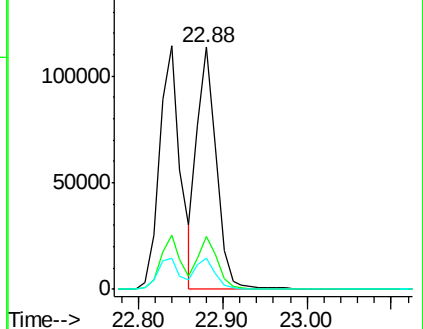
125 13.0 10.6 15.8



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: 3.71 ng

RT: 23.41 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

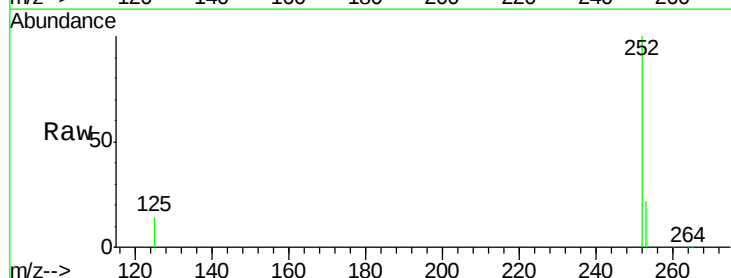
Tgt Ion:252 Resp: 180118

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

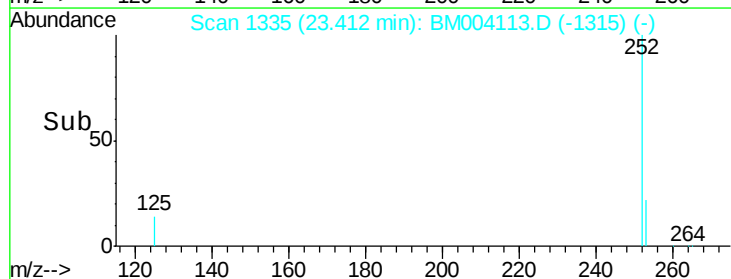
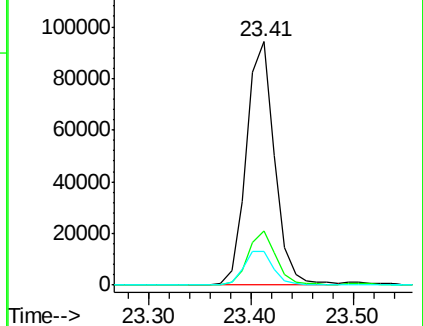
125 13.9 11.8 17.8

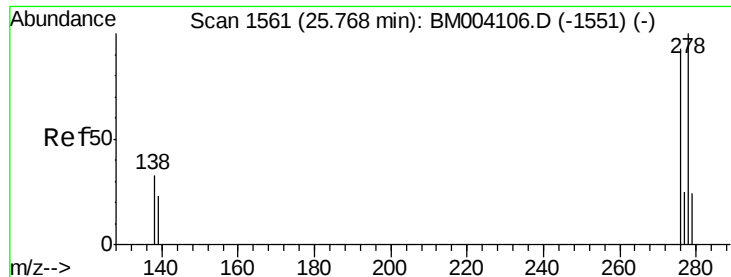


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.61 ng

RT: 25.77 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

Instrument :

BNA_M

ClientSampleId :

PB87902BSD

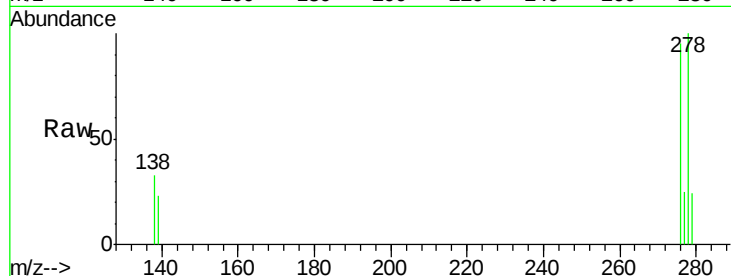
Tot Ion:278 Resp: 157329

Ion Ratio Lower Upper

278 100

139 23.1 19.0 28.6

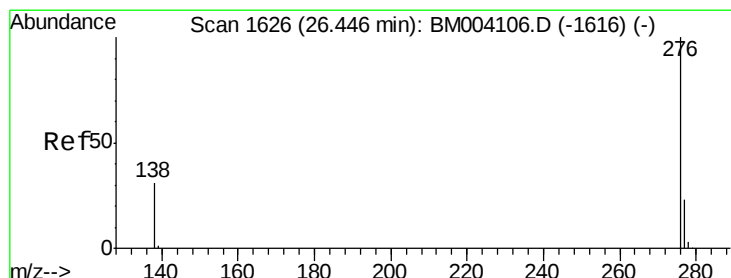
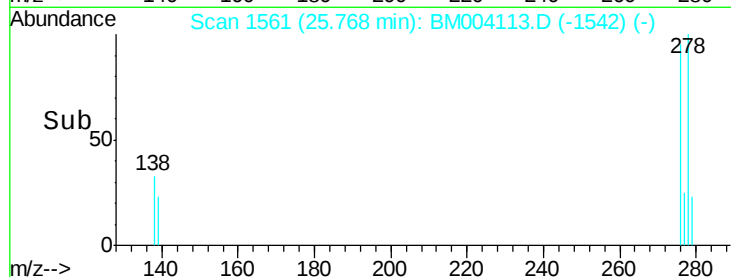
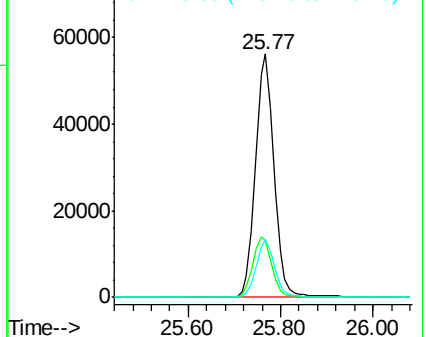
279 23.6 19.6 29.4



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: 3.48 ng

RT: 26.45 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BM004113.D

Acq: 22 Jan 2016 16:27

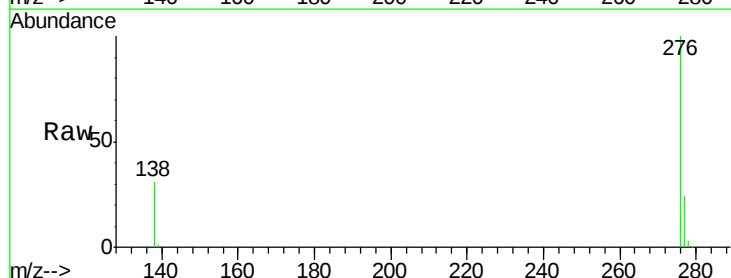
Tgt Ion:276 Resp: 165546

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 31.1 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

