

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013016\
 Data File : BM004150.D
 Acq On : 29 Jan 2016 17:25
 Operator : SJ/IZ
 Sample : PB88052BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88052BSD

Quant Time: Jan 29 22:14:44 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	18643	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	84045	5.00	ng	0.00
13) Acenaphthene-d10	14.30	164	47933	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	146497	5.00	ng	0.00
26) Chrysene-d12	21.28	240	160533	5.00	ng	0.00
35) Perylene-d12	23.51	264	135923	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	27355	7.03	ng	-0.02
5) Phenol-d6	6.83	99	36663	7.81	ng	-0.02
8) Nitrobenzene-d5	8.83	82	16330	4.44	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	12930	6.91	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	62265	4.24	ng	0.00
29) Terphenyl-d14	19.71	244	75685	3.71	ng	0.00

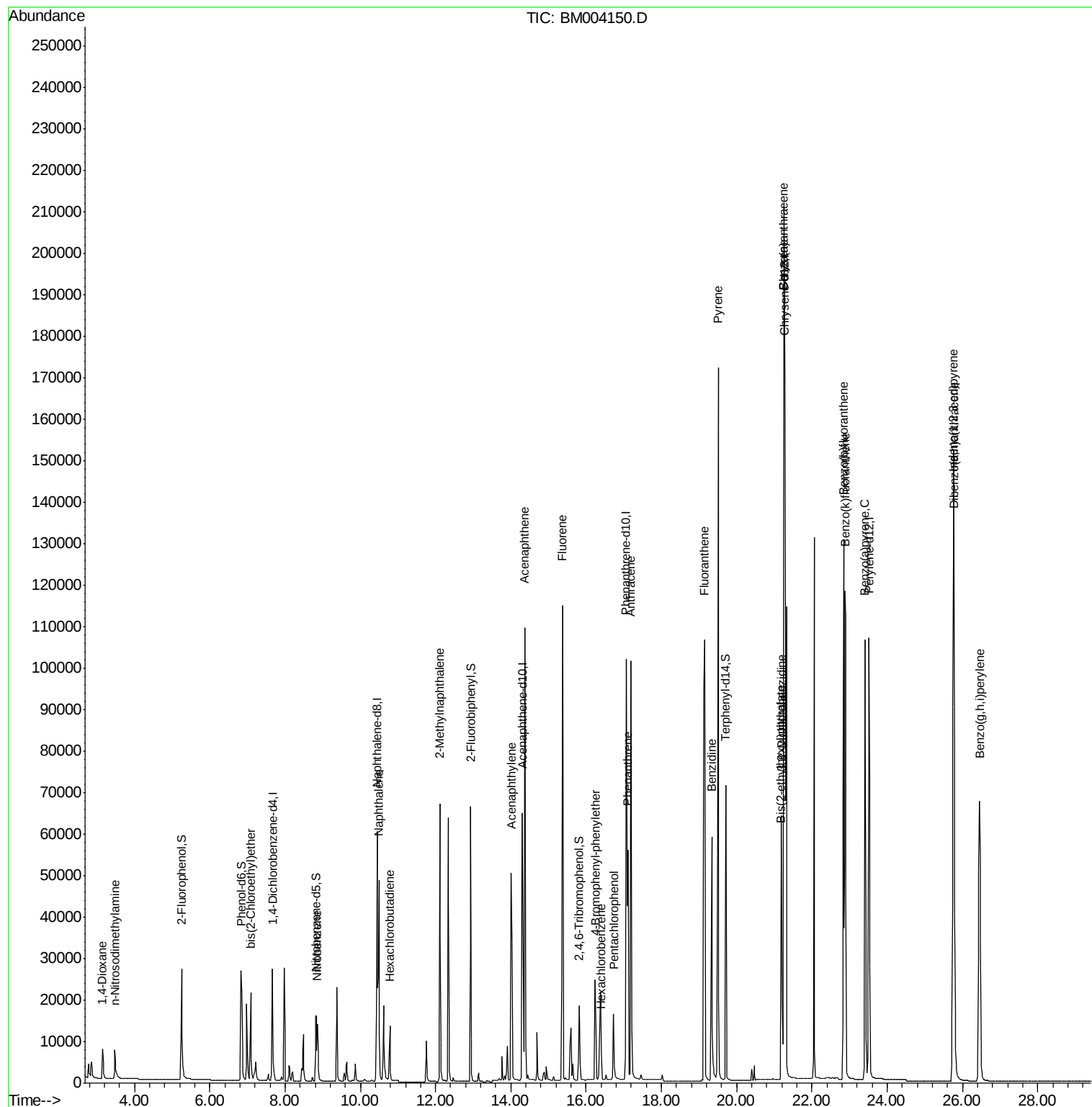
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	6143	3.63	ng	97
3) n-Nitrosodimethylamine	3.48	42	6617	3.98	ng	95
6) bis(2-Chloroethyl)ether	7.09	93	16755	3.85	ng	99
9) Nitrobenzene	8.86	77	17320	3.38	ng	99
10) Naphthalene	10.49	128	69973	3.57	ng	97
11) Hexachlorobutadiene	10.79	225	10346	3.43	ng	99
12) 2-Methylnaphthalene	12.12	142	50777	3.97	ng	98
16) Acenaphthylene	14.01	152	85679	4.14	ng	100
17) Acenaphthene	14.37	154	57841	3.69	ng	94
18) Fluorene	15.37	166	76256	4.00	ng	100
20) 4-Bromophenyl-phenylether	16.24	248	15797	3.31	ng	# 9
21) Hexachlorobenzene	16.39	284	16895	3.37	ng	# 47
22) Pentachlorophenol	16.73	266	13781	6.71	ng	# 83
23) Phenanthrene	17.11	178	107689	3.78	ng	# 76
24) Anthracene	17.19	178	130503	3.90	ng	98
25) Fluoranthene	19.14	202	146111	3.68	ng	100
27) Benzidine	19.33	184	94410	6.80	ng	97
28) Pyrene	19.50	202	167317	3.76	ng	100
30) Benzo(a)anthracene	21.25	228	221420	4.72	ng	# 89
31) 3,3'-Dichlorobenzidine	21.19	252	47052	3.89	ng	# 81
32) Chrysene	21.25	228	221418	5.51	ng	95
33) Bis(2-ethylhexyl)phthalate	21.17	149	68591	3.46	ng	# 98
34) Indeno(1,2,3-cd)pyrene	25.76	276	163338	3.39	ng	99
36) Benzo(b)fluoranthene	22.84	252	160101	3.80	ng	96
37) Benzo(k)fluoranthene	22.88	252	160082	4.19	ng	96
38) Benzo(a)pyrene	23.41	252	150049	4.04	ng	97
39) Dibenzo(a,h)anthracene	25.78	278	130729	3.92	ng	98
40) Benzo(g,h,i)perylene	26.45	276	138987	3.82	ng	99

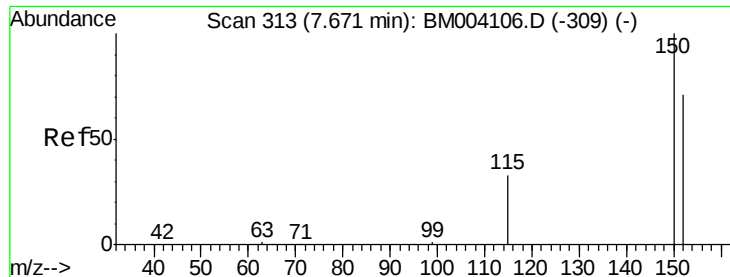
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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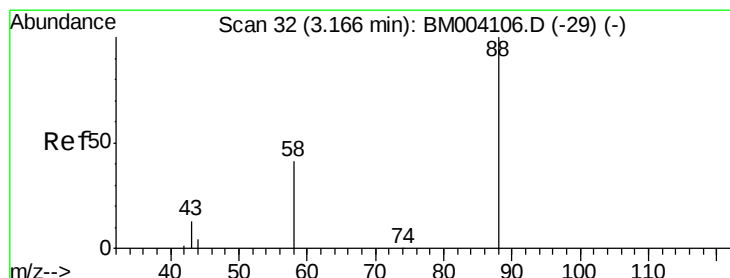
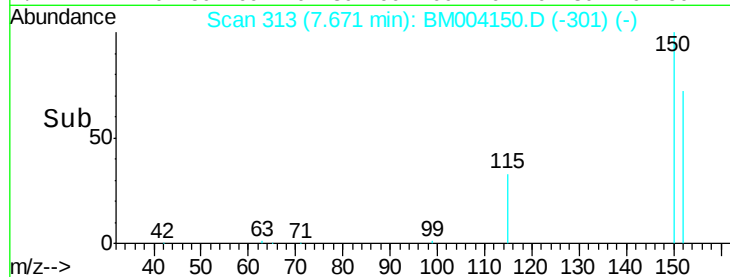
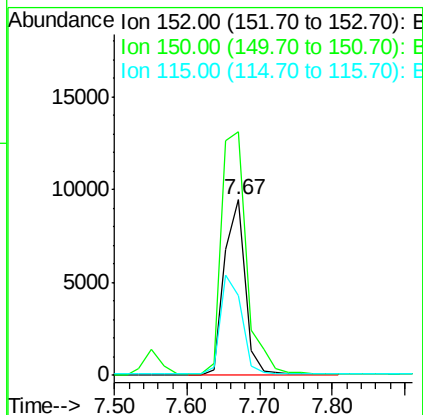
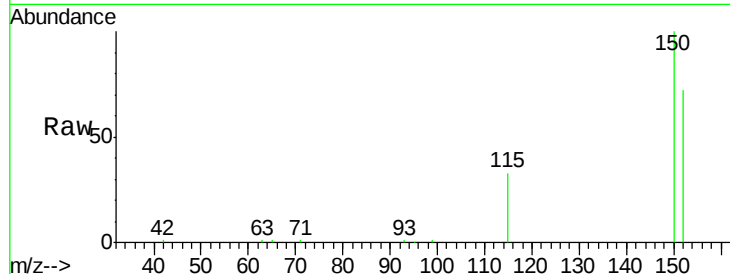


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004150.D
Acq: 29 Jan 2016 17:25

Instrument :
BNA_M
ClientSampleId :
PB88052BSD

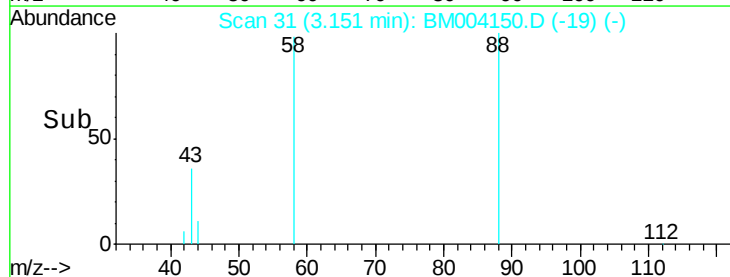
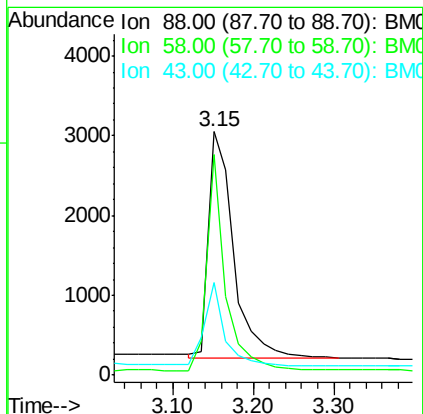
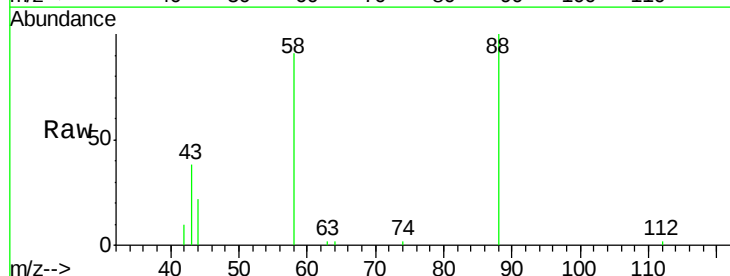
Tgt Ion: 152 Resp: 18643
Ion Ratio Lower Upper
152 100
150 138.6 122.9 184.3
115 45.6 44.4 66.6

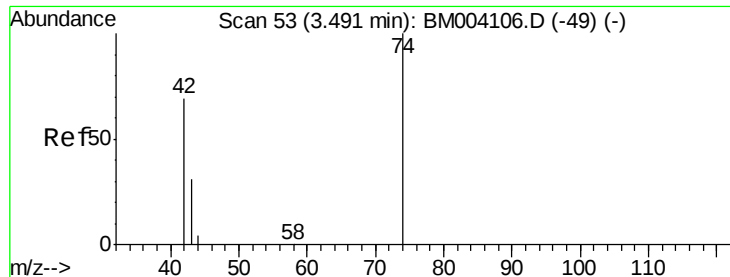


#2

1,4-Dioxane
Concen: 3.63 ng
RT: 3.15 min Scan# 31
Delta R.T. -0.02 min
Lab File: BM004150.D
Acq: 29 Jan 2016 17:25

Tgt Ion: 88 Resp: 6143
Ion Ratio Lower Upper
88 100
58 70.8 53.8 80.6
43 29.6 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: BM004150.D

Acq: 29 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

PB88052BSD

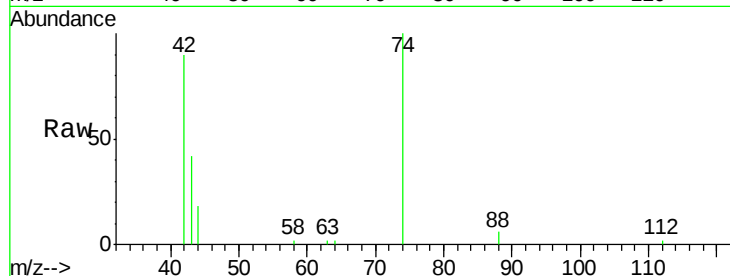
Tgt Ion: 42 Resp: 6617

Ion Ratio Lower Upper

42 100

74 124.8 95.0 142.4

44 6.6 5.1 7.7

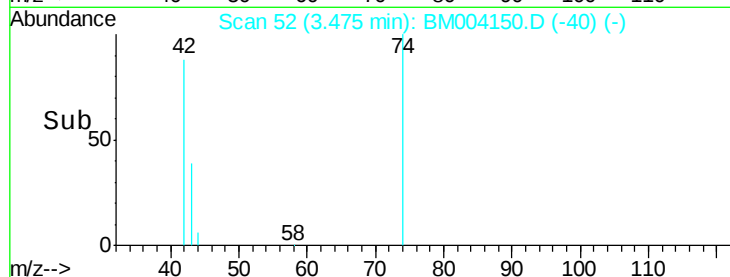


Abundance Ion 42.00 (41.70 to 42.70): BM004106.D (-49) (-)

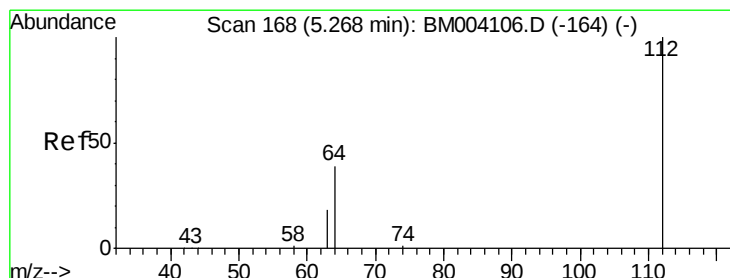
Ion 74.00 (73.70 to 74.70): BM004106.D (-49) (-)

Ion 44.00 (43.70 to 44.70): BM004106.D (-49) (-)

Time-->



Time-->



#4

2-Fluorophenol

Concen: 7.03 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

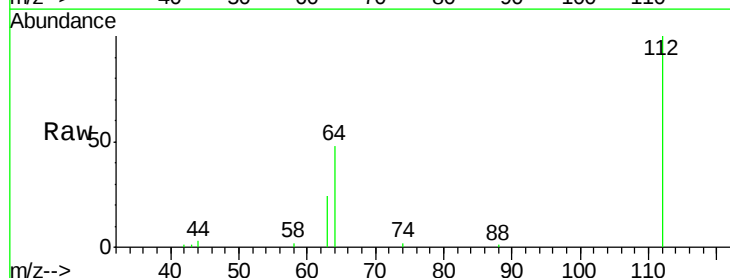
Tgt Ion: 112 Resp: 27355

Ion Ratio Lower Upper

112 100

64 52.2 41.8 62.8

63 27.5 22.1 33.1

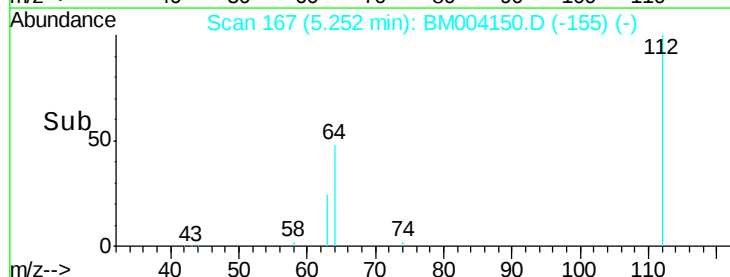


Abundance Ion 112.00 (111.70 to 112.70): BM004106.D (-164) (-)

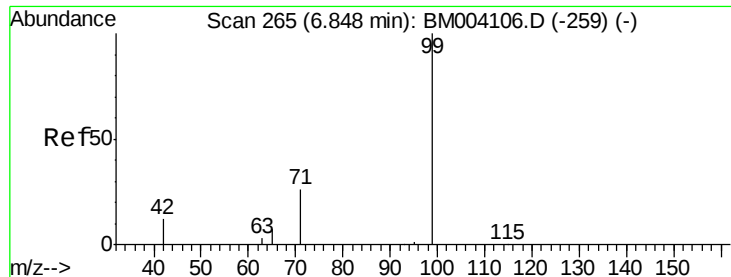
Ion 64.00 (63.70 to 64.70): BM004106.D (-164) (-)

Ion 63.00 (62.70 to 63.70): BM004106.D (-164) (-)

Time-->



Time-->



#5

Phenol-d6

Concen: 7.81 ng

RT: 6.83 min Scan# 264

Delta R.T. -0.02 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

PB88052BSD

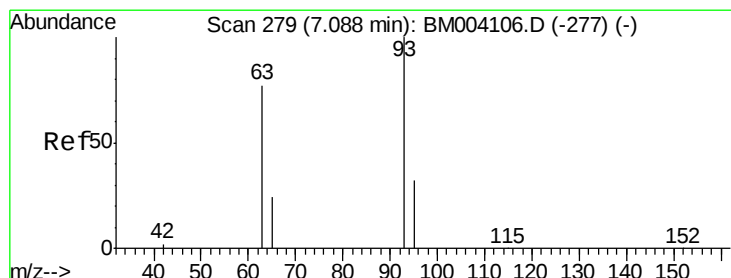
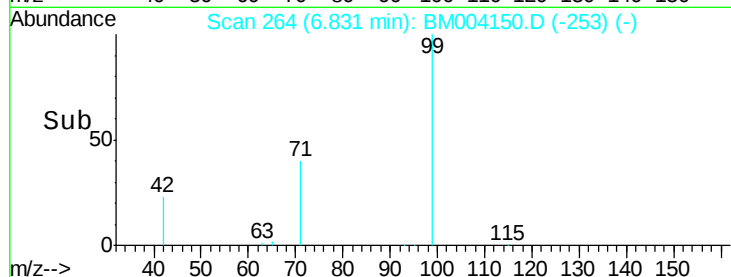
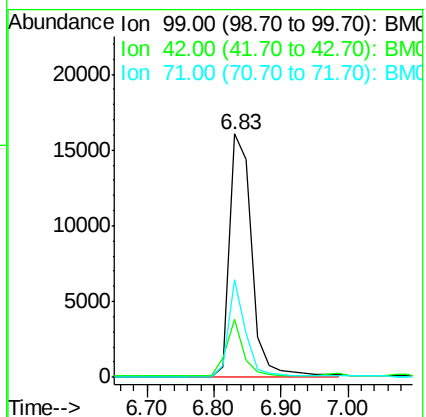
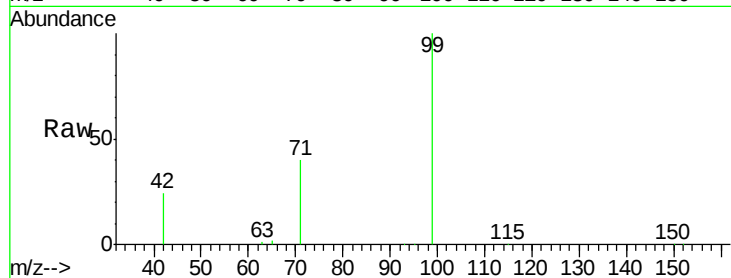
Tgt Ion: 99 Resp: 36663

Ion Ratio Lower Upper

99 100

42 18.5 16.2 24.2

71 31.1 24.4 36.6



#6

bis(2-Chloroethyl)ether

Concen: 3.85 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.00 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

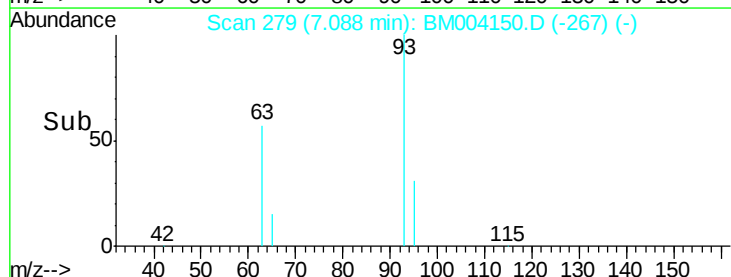
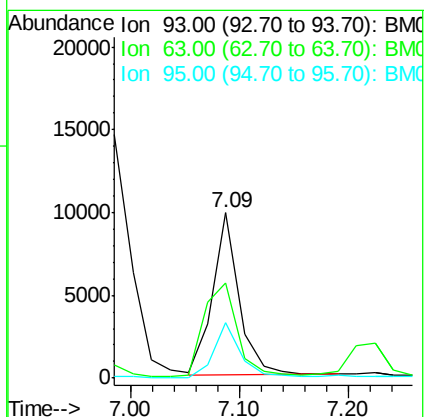
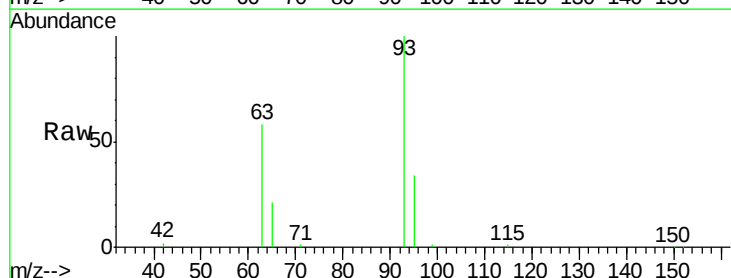
Tgt Ion: 93 Resp: 16755

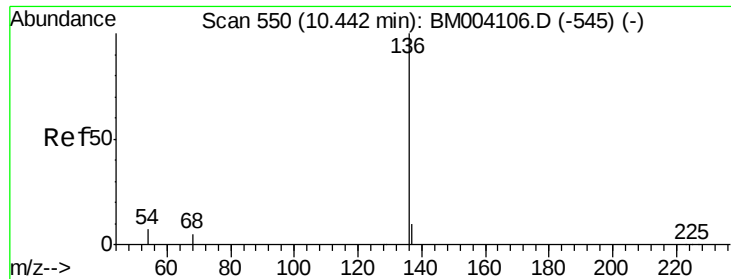
Ion Ratio Lower Upper

93 100

63 73.2 58.3 87.5

95 33.2 25.8 38.8





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

PB88052BSD

Tgt Ion:136 Resp: 84045

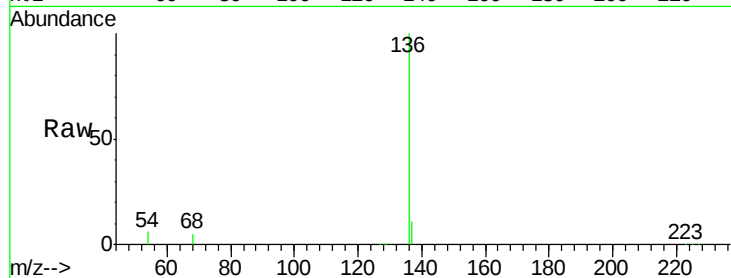
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 6.3 2.8 4.2#

68 4.8 2.5 3.7#

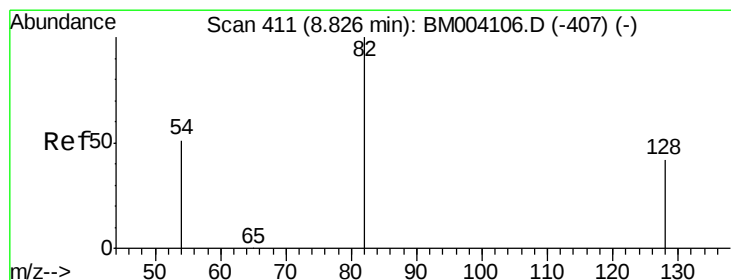
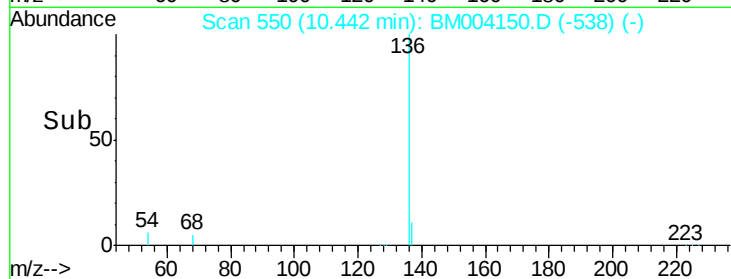
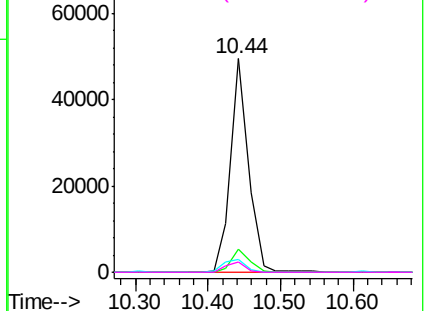


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.44 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

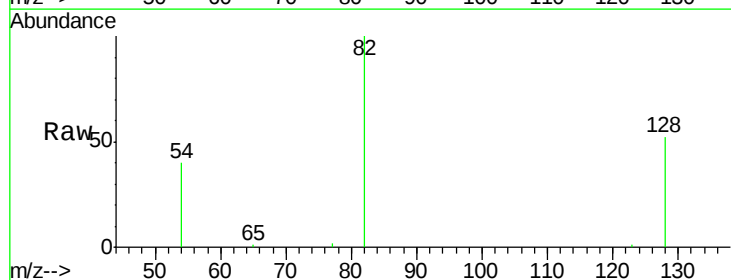
Tgt Ion: 82 Resp: 16330

Ion Ratio Lower Upper

82 100

128 51.8 39.1 58.7

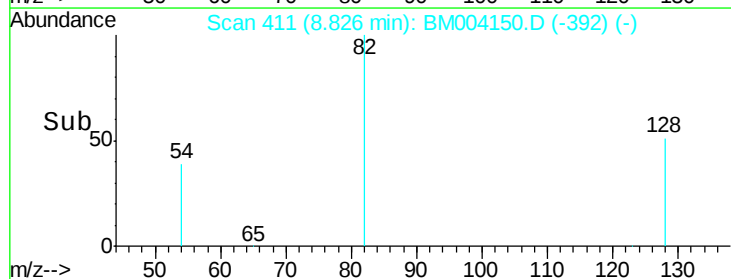
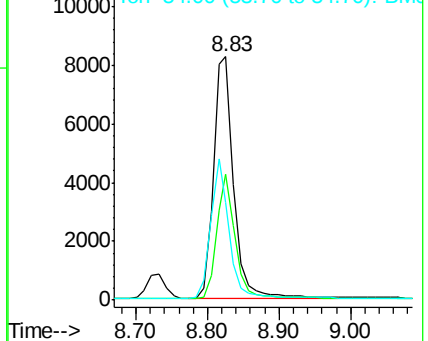
54 39.9 34.8 52.2

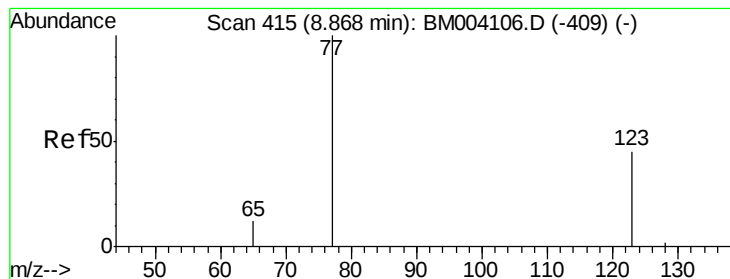


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.38 ng

RT: 8.86 min Scan# 414

Delta R.T. -0.01 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

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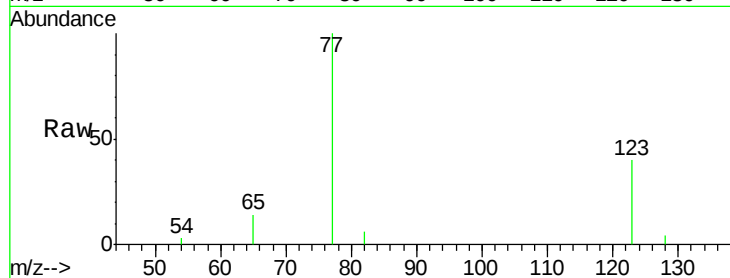
Tgt Ion: 77 Resp: 17320

Ion Ratio Lower Upper

77 100

123 49.0 38.6 57.8

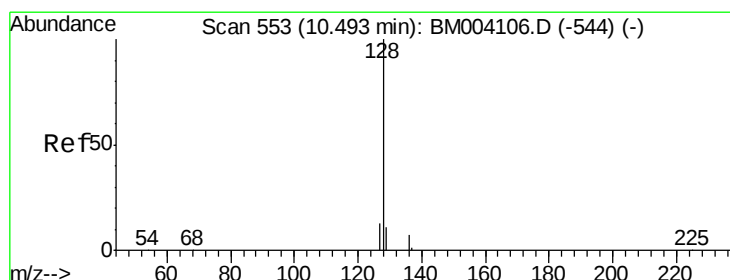
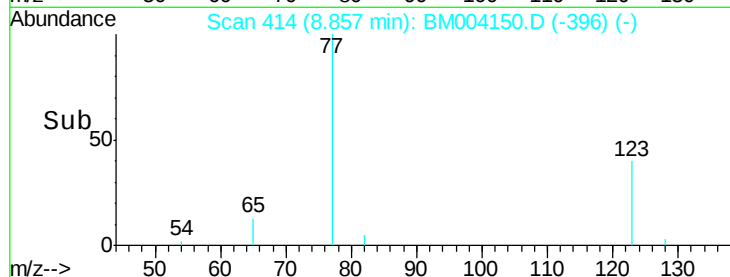
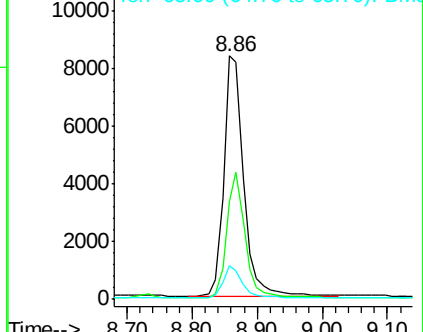
65 12.6 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM004150.D (-396) (-)

Ion 123.00 (122.70 to 123.70): BM004150.D (-396) (-)

Ion 65.00 (64.70 to 65.70): BM004150.D (-396) (-)



#10

Naphthalene

Concen: 3.57 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

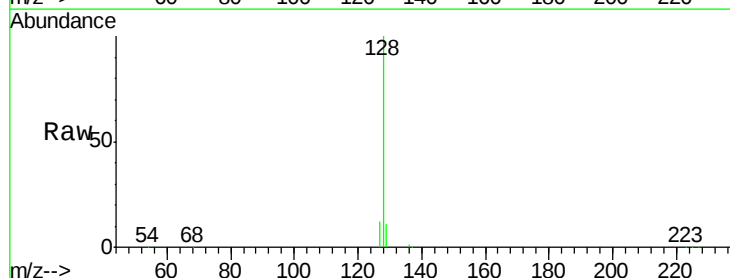
Tgt Ion: 128 Resp: 69973

Ion Ratio Lower Upper

128 100

129 11.4 8.5 12.7

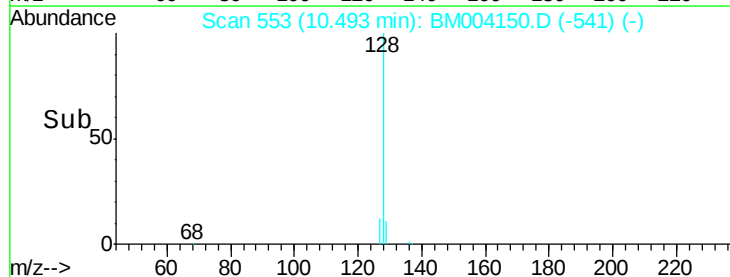
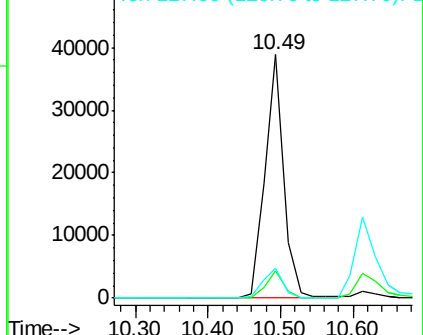
127 12.2 11.0 16.4

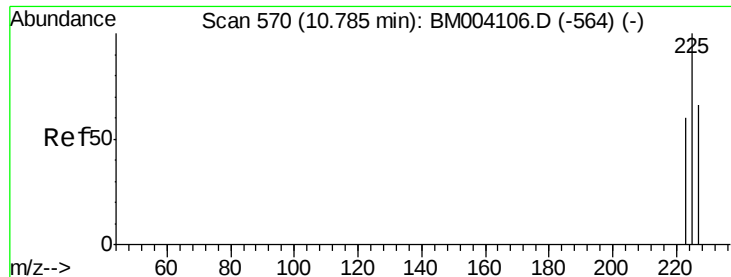


Abundance Ion 128.00 (127.70 to 128.70): BM004150.D (-541) (-)

Ion 129.00 (128.70 to 129.70): BM004150.D (-541) (-)

Ion 127.00 (126.70 to 127.70): BM004150.D (-541) (-)

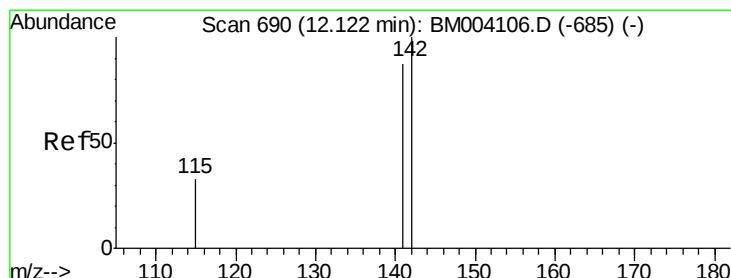
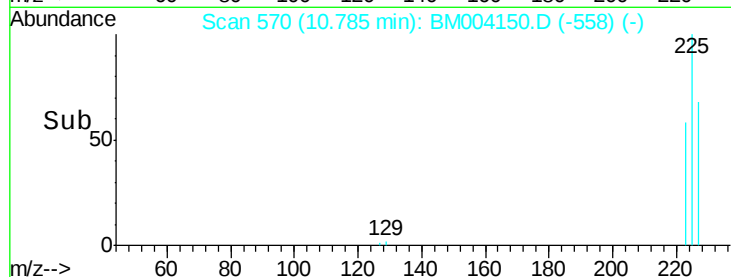
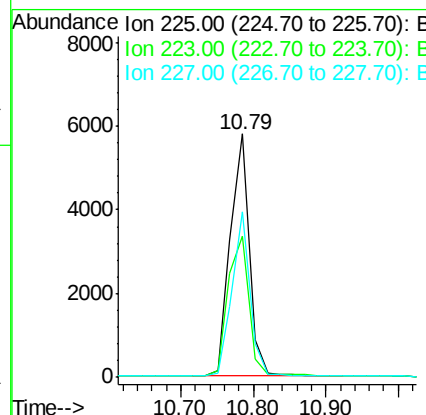
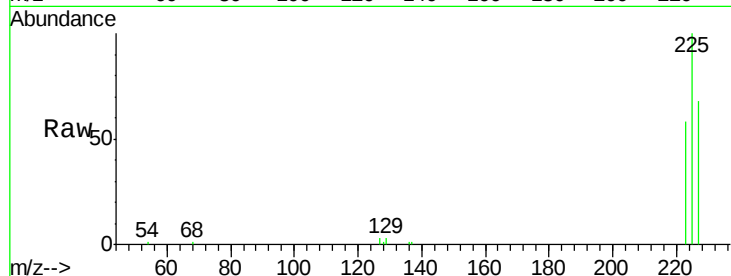




#11
Hexachlorobutadiene
Concen: 3.43 ng
RT: 10.79 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004150.D
Acq: 29 Jan 2016 17:25

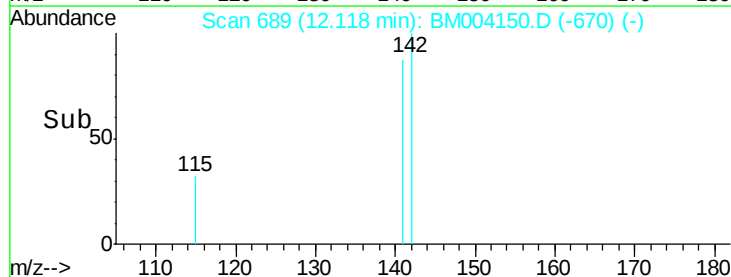
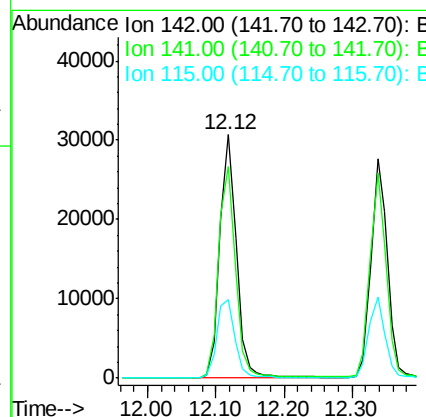
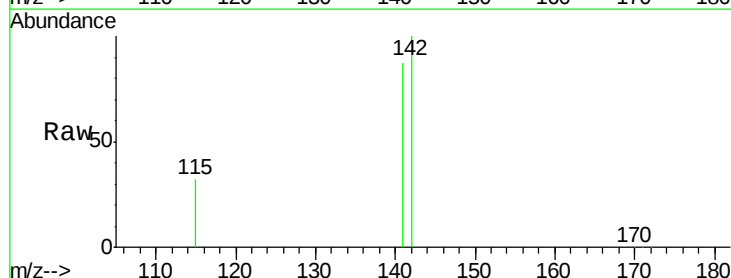
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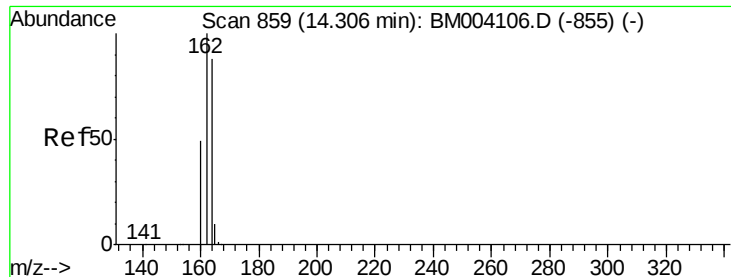
Tgt Ion: 225 Resp: 10346
Ion Ratio Lower Upper
225 100
223 62.7 50.9 76.3
227 63.5 51.2 76.8



#12
2-Methylnaphthalene
Concen: 3.97 ng
RT: 12.12 min Scan# 689
Delta R.T. -0.00 min
Lab File: BM004150.D
Acq: 29 Jan 2016 17:25

Tgt Ion: 142 Resp: 50777
Ion Ratio Lower Upper
142 100
141 86.8 67.8 101.8
115 32.3 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.30 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

PB88052BSD

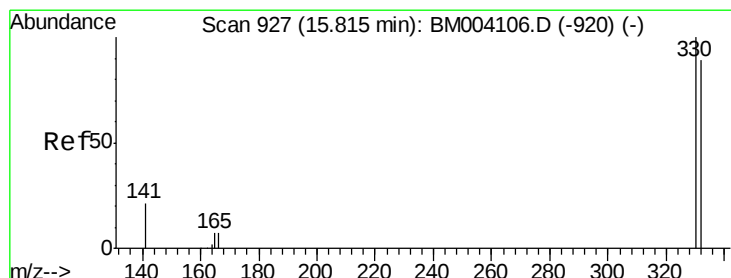
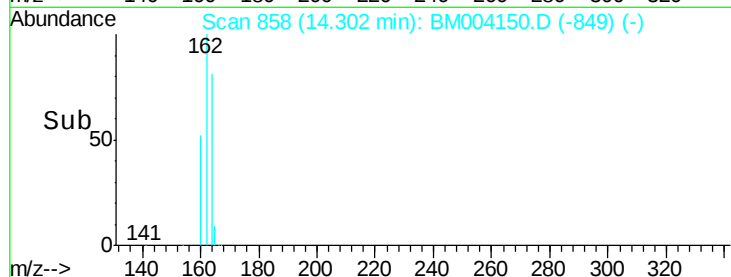
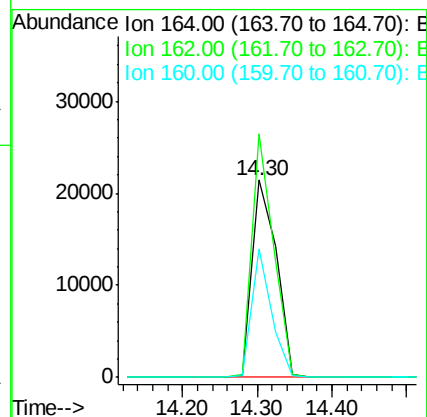
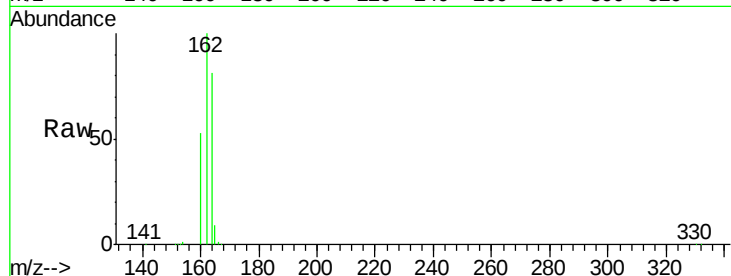
Tgt Ion:164 Resp: 47933

Ion Ratio Lower Upper

164 100

162 123.3 86.0 129.0

160 64.8 40.3 60.5#



#14

2,4,6-Tribromophenol

Concen: 6.91 ng

RT: 15.81 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

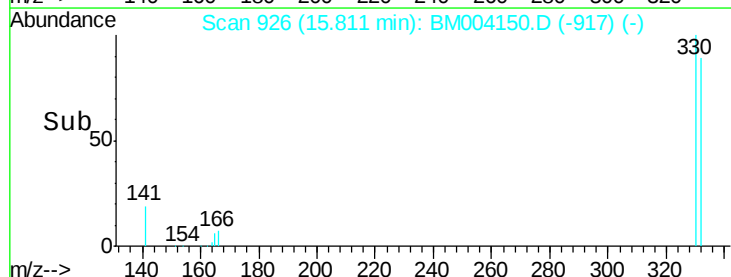
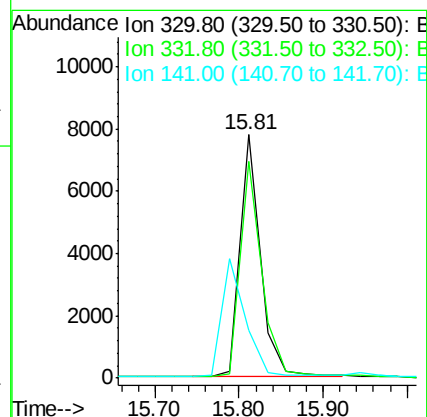
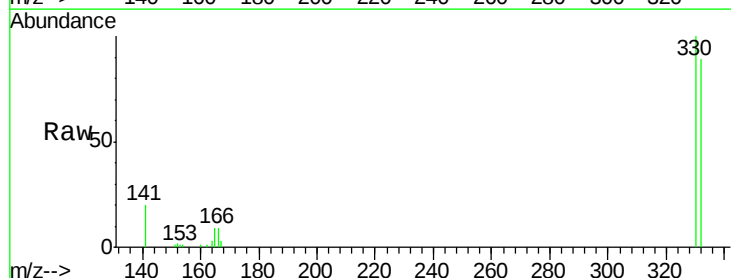
Tgt Ion:330 Resp: 12930

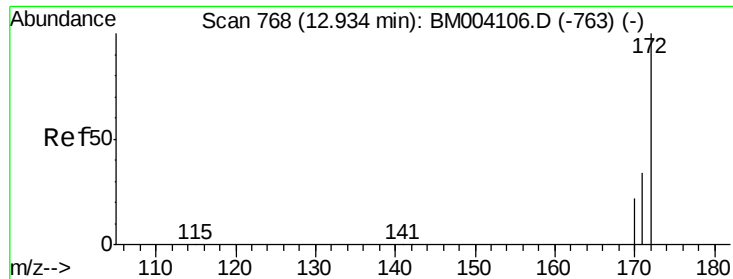
Ion Ratio Lower Upper

330 100

332 93.7 79.0 118.4

141 0.0 27.8 41.6#

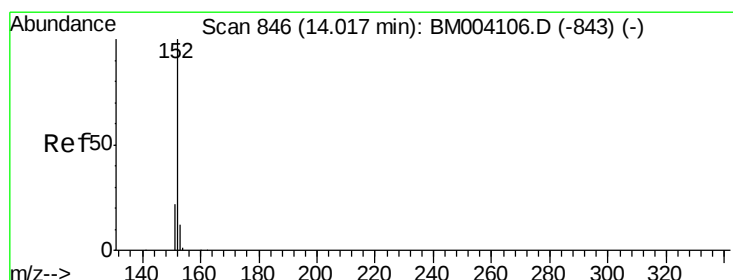
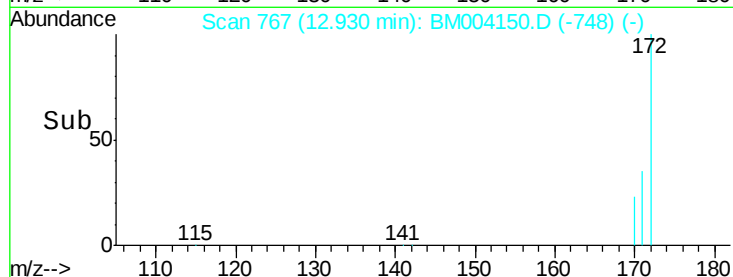
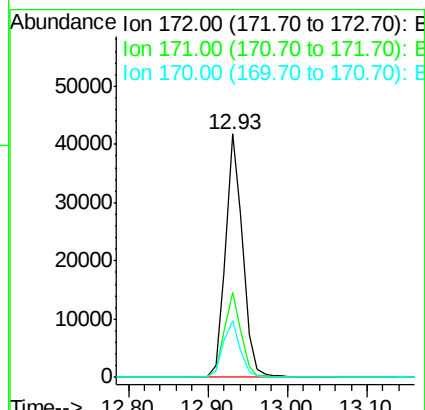
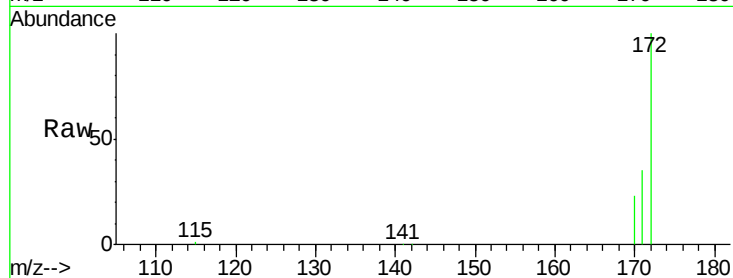




#15
2-Fluorobiphenyl
Concen: 4.24 ng
RT: 12.93 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM004150.D
Acq: 29 Jan 2016 17:25

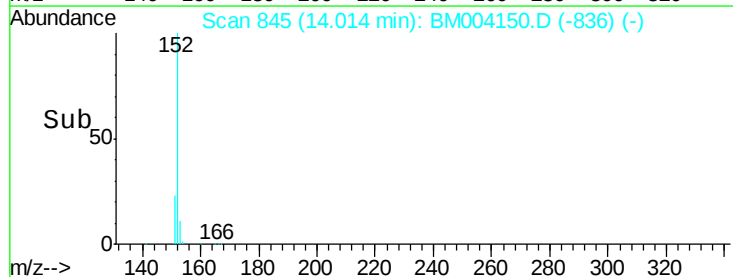
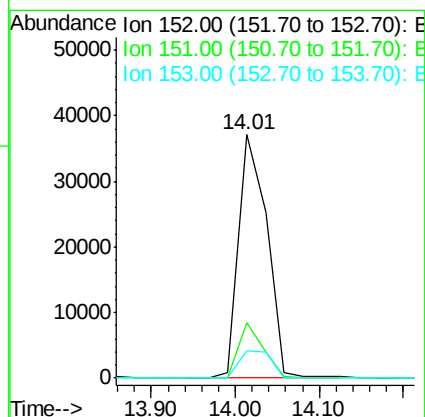
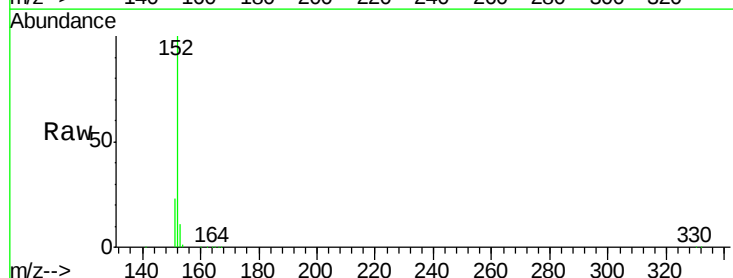
Instrument :
BNA_M
ClientSampleId :
PB88052BSD

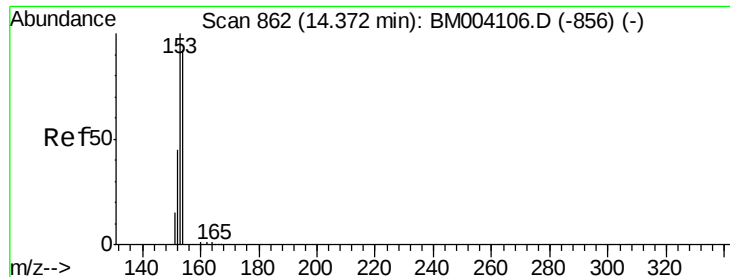
Tgt Ion:172 Resp: 62265
Ion Ratio Lower Upper
172 100
171 35.0 27.0 40.6
170 23.3 17.9 26.9



#16
Acenaphthylene
Concen: 4.14 ng
RT: 14.01 min Scan# 845
Delta R.T. -0.00 min
Lab File: BM004150.D
Acq: 29 Jan 2016 17:25

Tgt Ion:152 Resp: 85679
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 3.69 ng

RT: 14.37 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

PB88052BSD

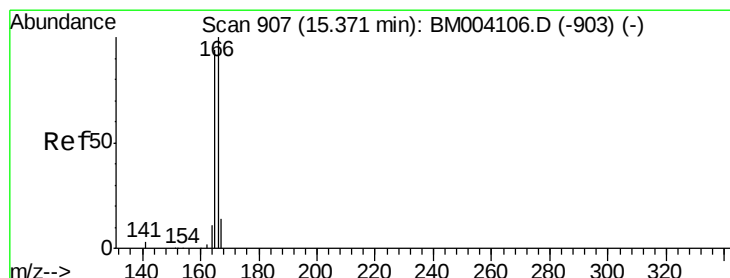
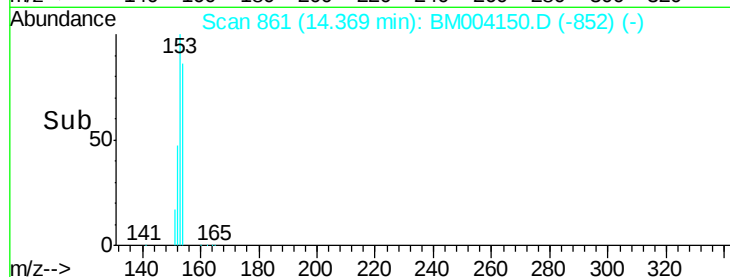
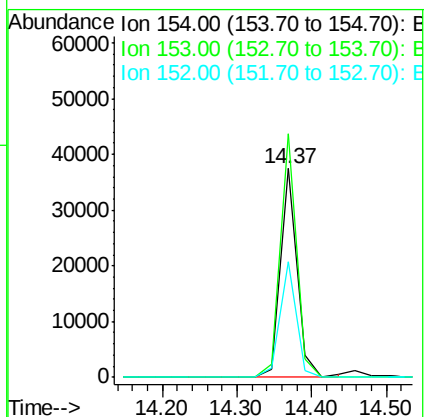
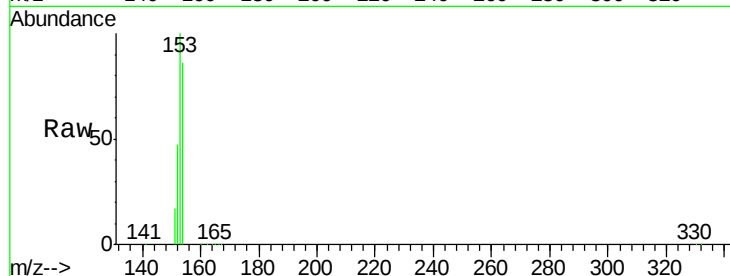
Tgt Ion:154 Resp: 57841

Ion Ratio Lower Upper

154 100

153 113.7 85.4 128.2

152 54.3 40.6 60.8



#18

Fluorene

Concen: 4.00 ng

RT: 15.37 min Scan# 906

Delta R.T. -0.00 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

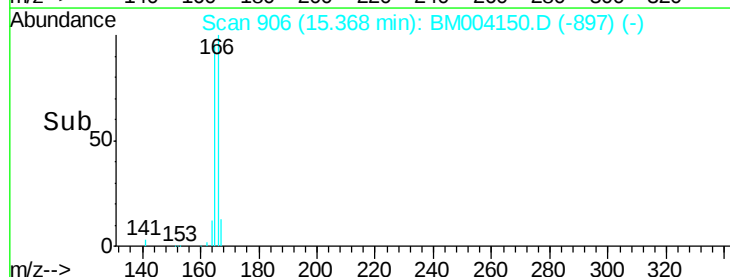
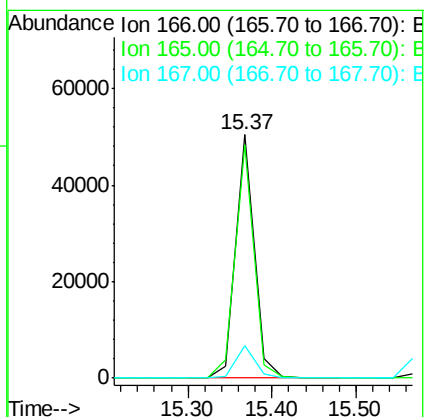
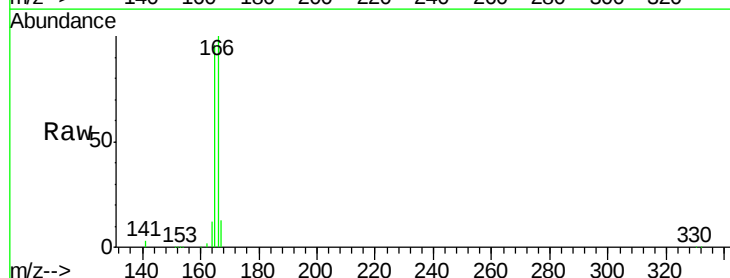
Tgt Ion:166 Resp: 76256

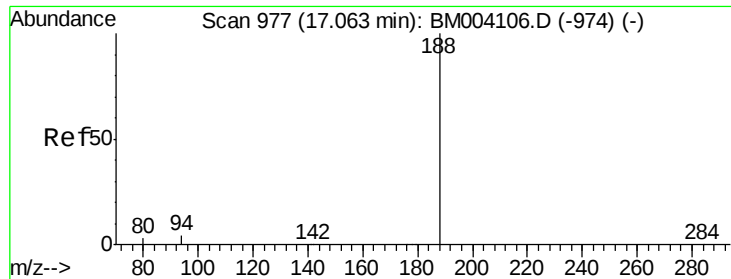
Ion Ratio Lower Upper

166 100

165 96.6 77.2 115.8

167 13.3 11.0 16.6

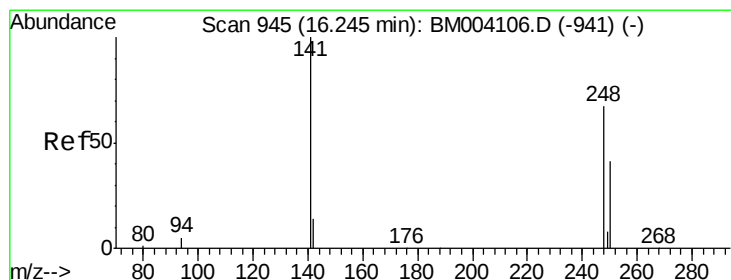
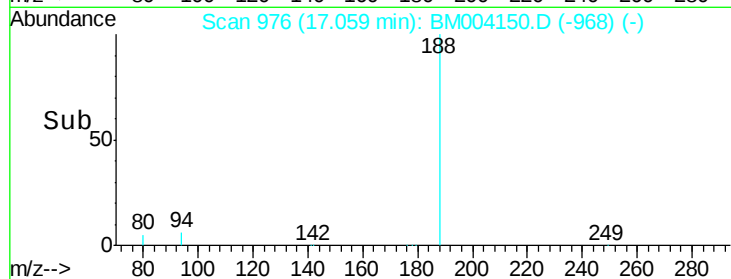
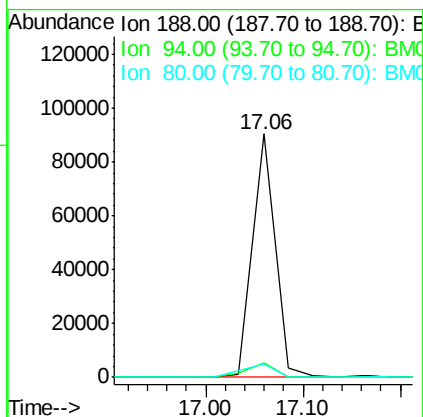
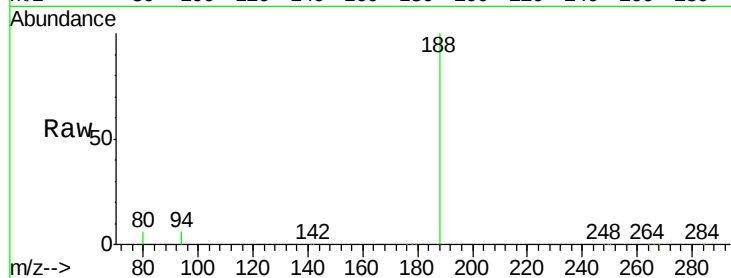




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 976
Delta R.T. -0.00 min
Lab File: BM004150.D
Acq: 29 Jan 2016 17:25

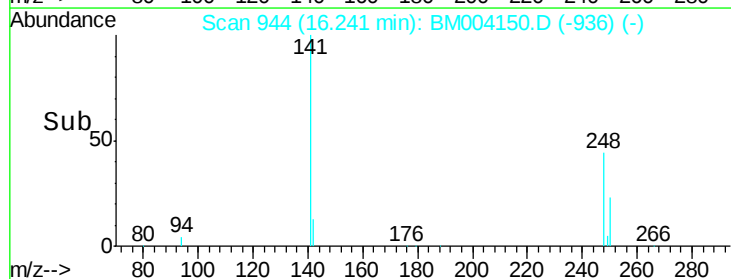
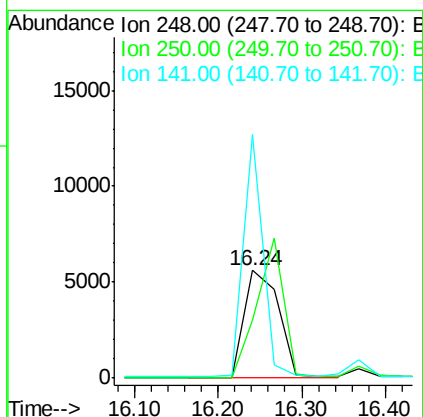
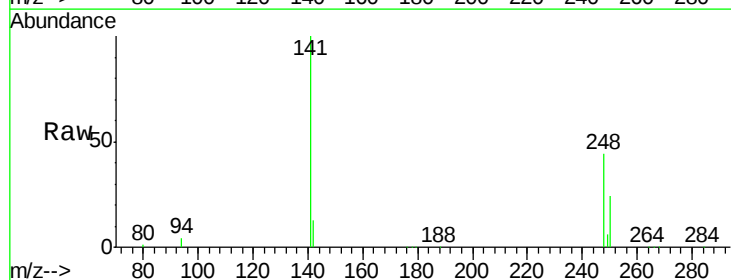
Instrument :
BNA_M
ClientSampleId :
PB88052BSD

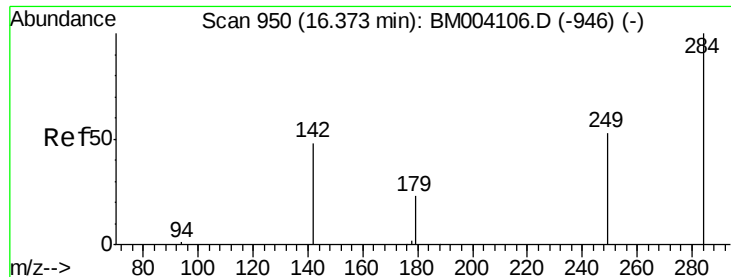
Tgt Ion:188 Resp: 146497
Ion Ratio Lower Upper
188 100
94 6.2 20.3 30.5#
80 5.5 22.2 33.4#



#20
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 16.24 min Scan# 944
Delta R.T. -0.00 min
Lab File: BM004150.D
Acq: 29 Jan 2016 17:25

Tgt Ion:248 Resp: 15797
Ion Ratio Lower Upper
248 100
250 0.0 75.0 112.4#
141 130.9 53.0 79.4#

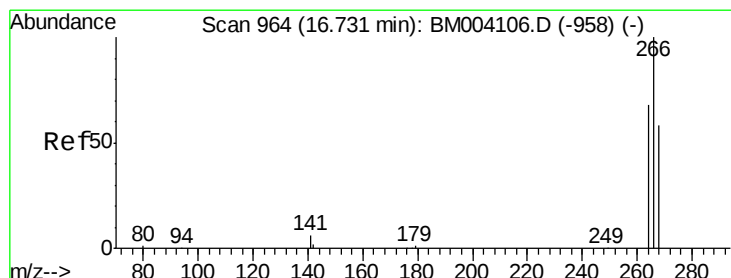
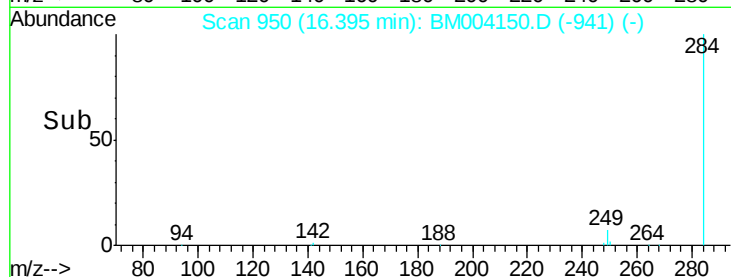
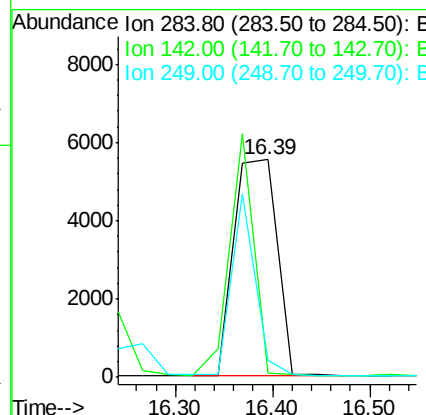
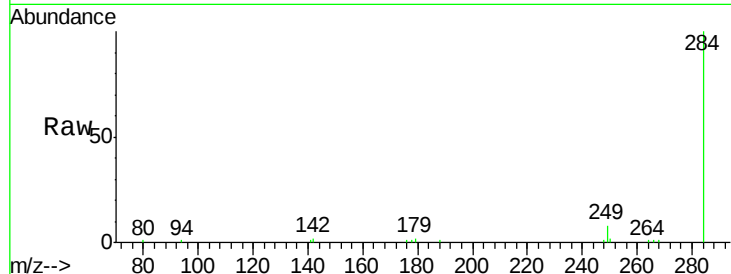




#21
Hexachlorobenzene
Concen: 3.37 ng
RT: 16.39 min Scan# 950
Delta R.T. 0.02 min
Lab File: BM004150.D
Acq: 29 Jan 2016 17:25

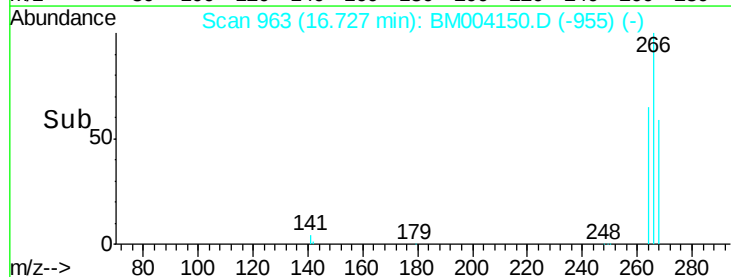
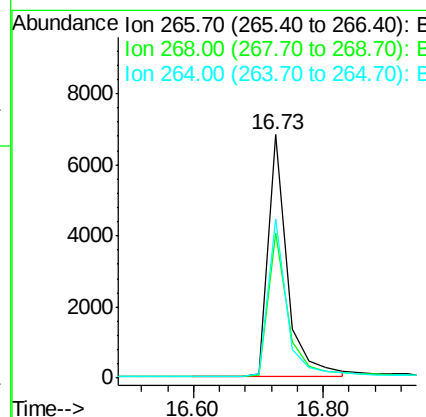
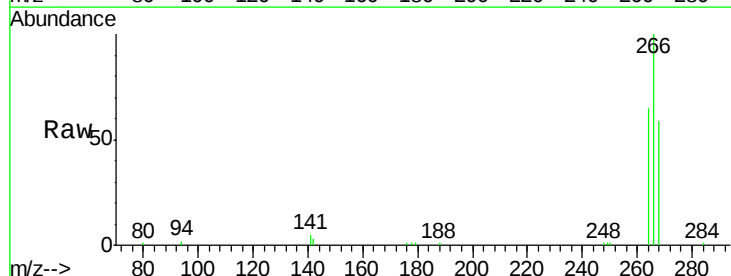
Instrument :
BNA_M
ClientSampleId :
PB88052BSD

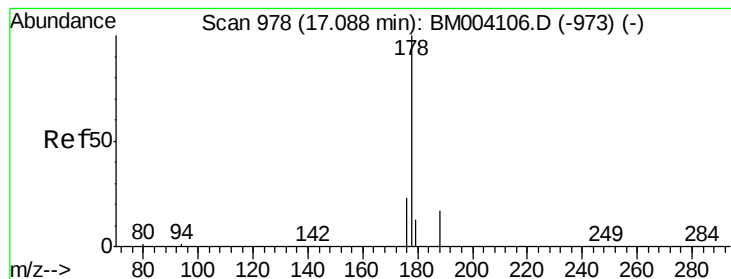
Tgt Ion: 284 Resp: 16895
Ion Ratio Lower Upper
284 100
142 0.0 22.2 33.4#
249 0.0 21.5 32.3#



#22
Pentachlorophenol
Concen: 6.71 ng
RT: 16.73 min Scan# 963
Delta R.T. -0.00 min
Lab File: BM004150.D
Acq: 29 Jan 2016 17:25

Tgt Ion: 266 Resp: 13781
Ion Ratio Lower Upper
266 100
268 59.5 62.7 94.1#
264 65.3 45.7 68.5





#23

Phenanthrene

Concen: 3.78 ng

RT: 17.11 min Scan# 978

Delta R.T. 0.02 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

PB88052BSD

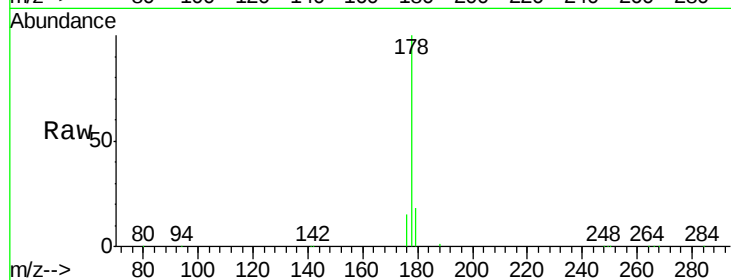
Tgt Ion:178 Resp: 107689

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

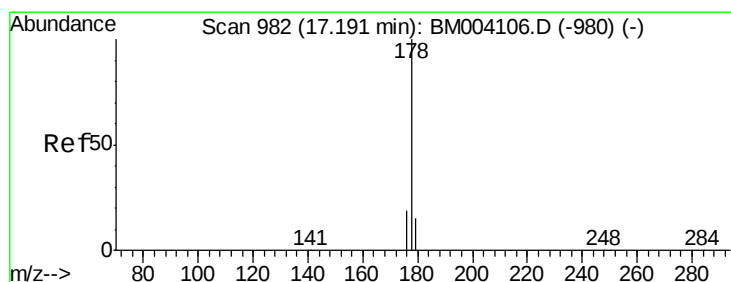
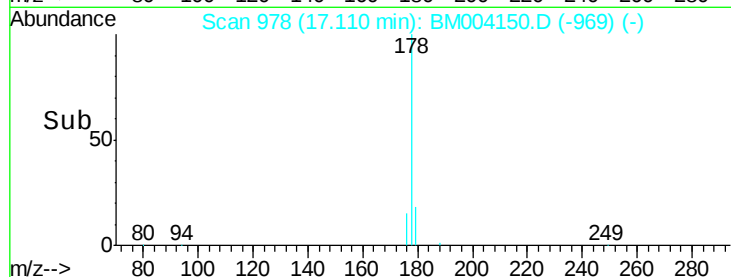
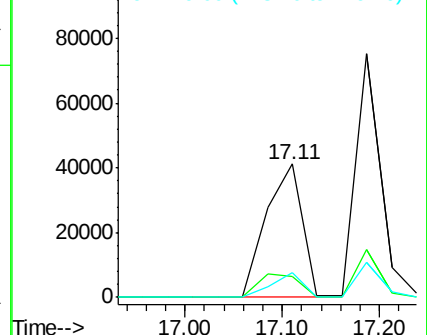
179 15.8 12.2 18.4



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: 3.90 ng

RT: 17.19 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

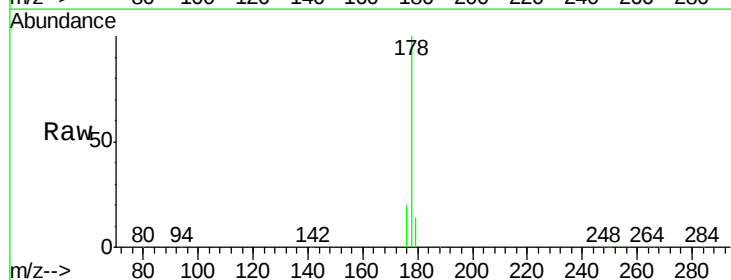
Tgt Ion:178 Resp: 130503

Ion Ratio Lower Upper

178 100

176 19.3 14.6 21.8

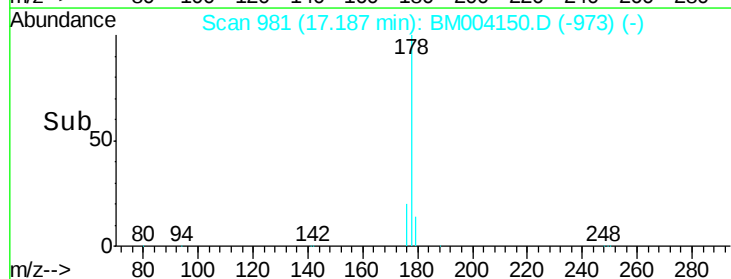
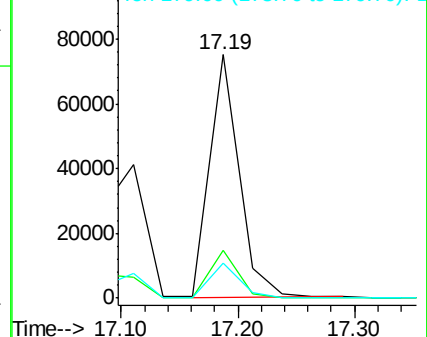
179 14.8 12.6 19.0

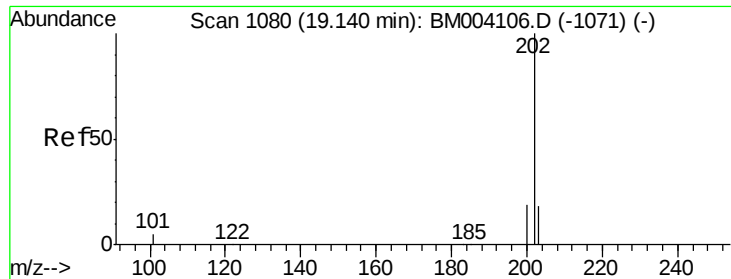


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.68 ng

RT: 19.14 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

PB88052BSD

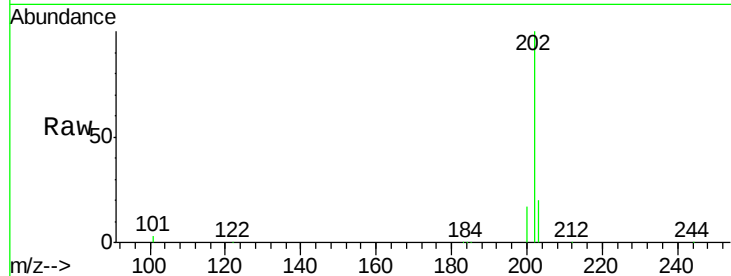
Tgt Ion:202 Resp: 146111

Ion Ratio Lower Upper

202 100

101 12.2 9.7 14.5

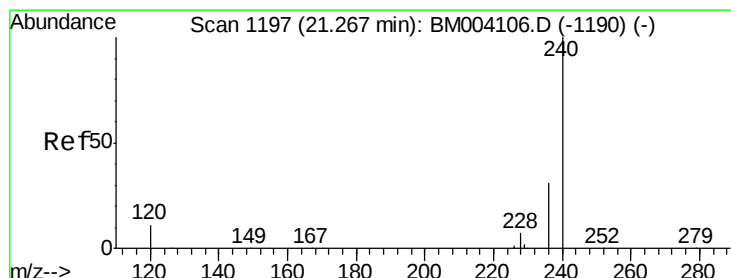
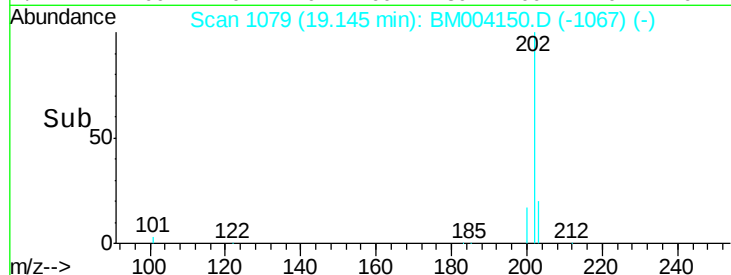
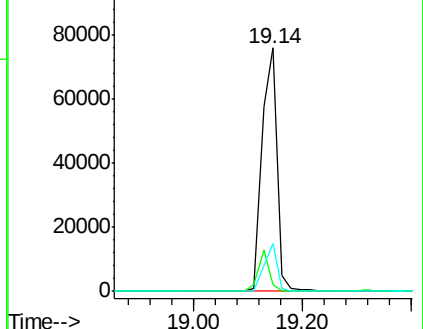
203 17.5 13.8 20.8



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: 21.28 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

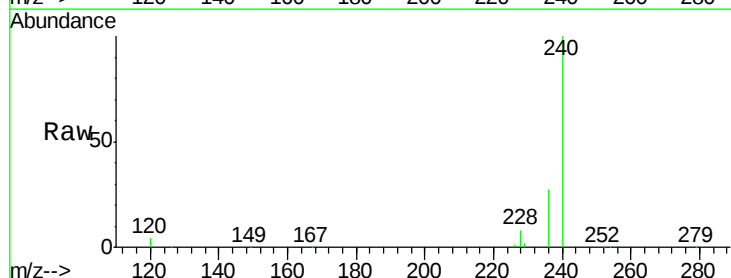
Tgt Ion:240 Resp: 160533

Ion Ratio Lower Upper

240 100

120 4.4 0.9 1.3#

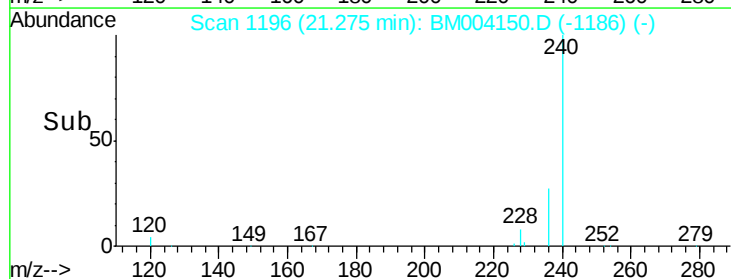
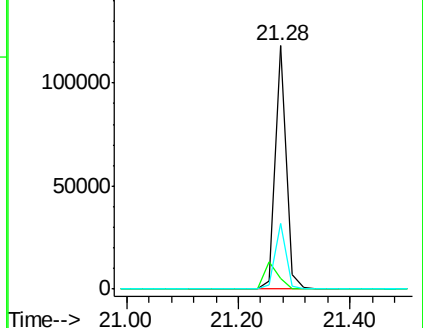
236 26.8 17.3 25.9#

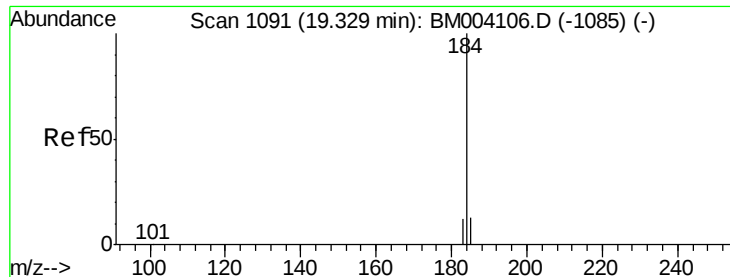


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

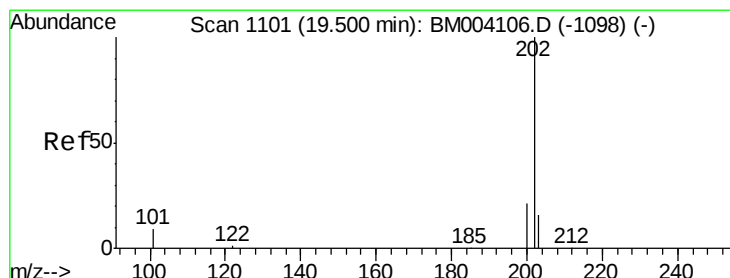
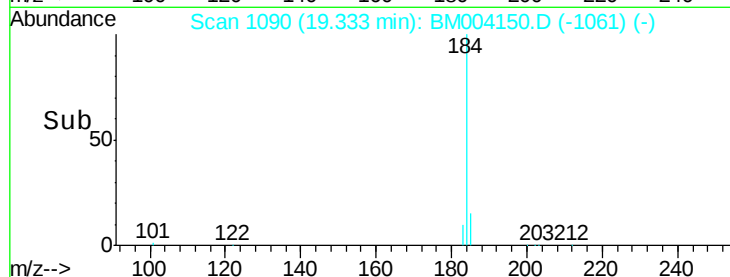
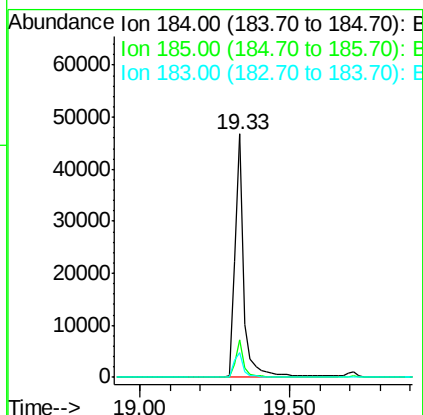
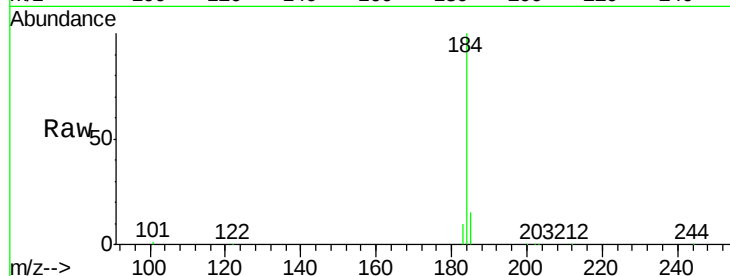




#27
Benzidine
Concen: 6.80 ng
RT: 19.33 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BM004150.D
Acq: 29 Jan 2016 17:25

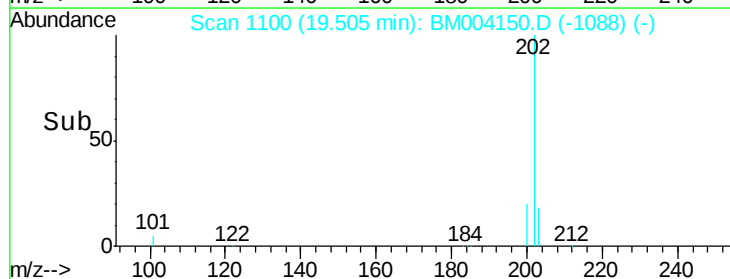
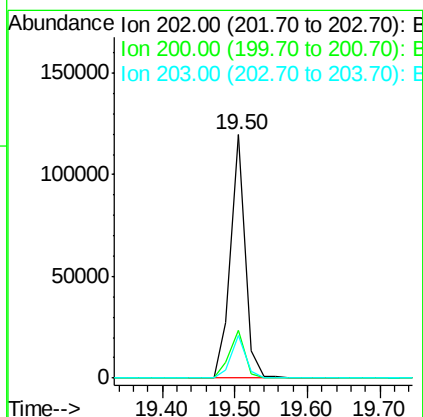
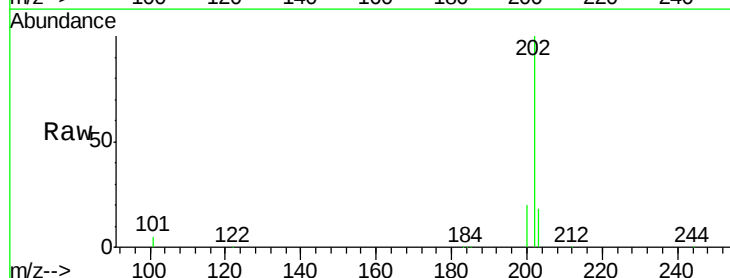
Instrument :
BNA_M
ClientSampleId :
PB88052BSD

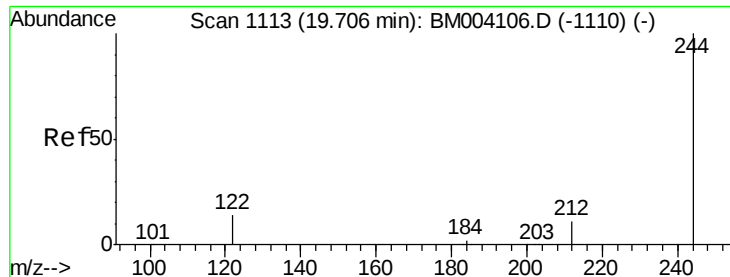
Tgt Ion:184 Resp: 94410
Ion Ratio Lower Upper
184 100
185 15.4 13.2 19.8
183 10.0 9.0 13.6



#28
Pyrene
Concen: 3.76 ng
RT: 19.50 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM004150.D
Acq: 29 Jan 2016 17:25

Tgt Ion:202 Resp: 167317
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.7 14.0 21.0





#29

Terphenyl-d14

Concen: 3.71 ng

RT: 19.71 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

PB88052BSD

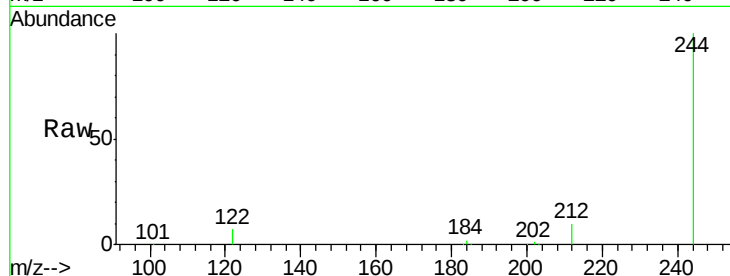
Tgt Ion:244 Resp: 75685

Ion Ratio Lower Upper

244 100

212 10.0 7.0 10.6

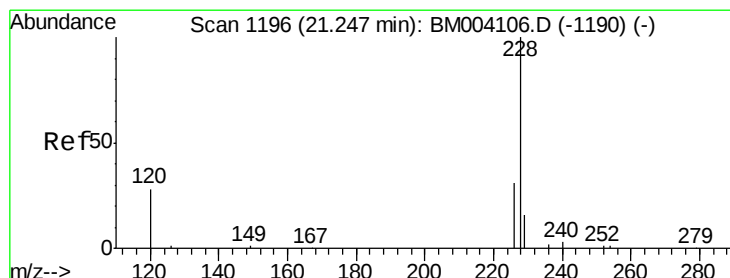
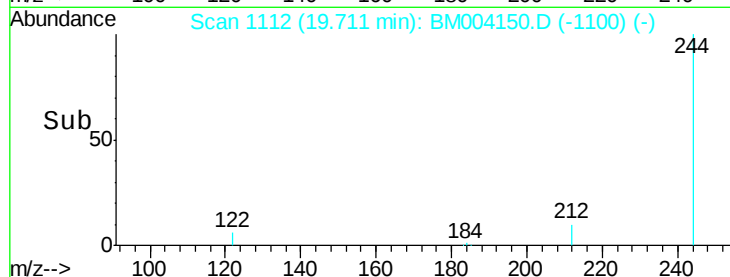
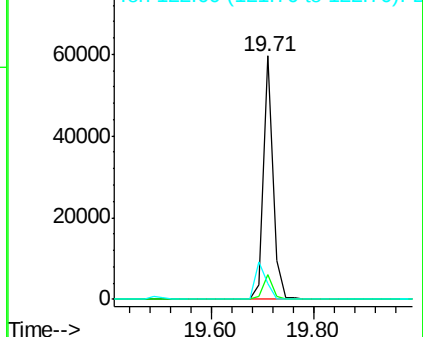
122 6.7 3.0 4.6#



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: 4.72 ng

RT: 21.25 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

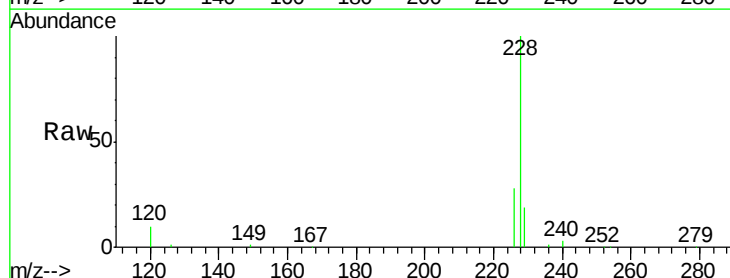
Tgt Ion:228 Resp: 221420

Ion Ratio Lower Upper

228 100

226 27.6 17.2 25.8#

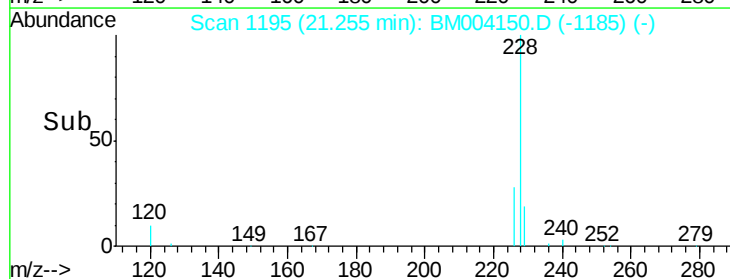
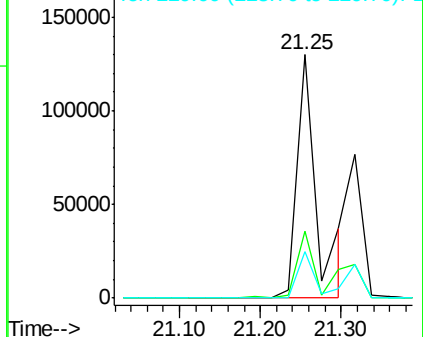
229 19.0 18.7 28.1

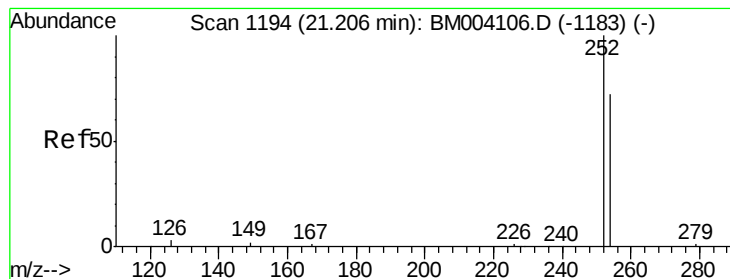


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 3.89 ng

RT: 21.19 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

PB88052BSD

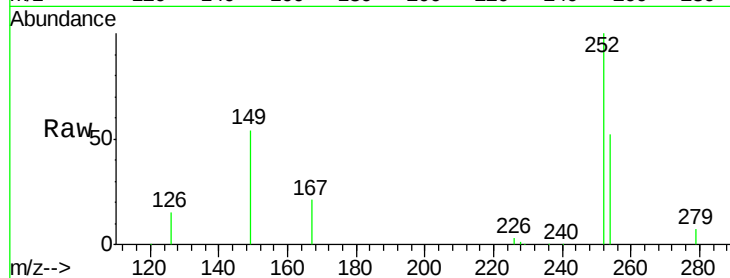
Tgt Ion:252 Resp: 47052

Ion Ratio Lower Upper

252 100

254 51.6 52.6 79.0#

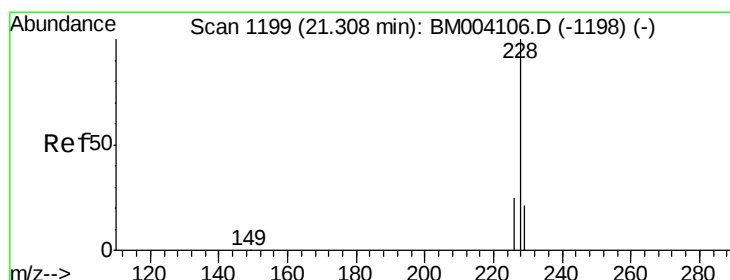
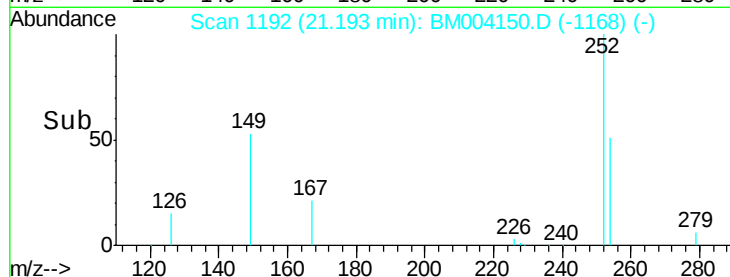
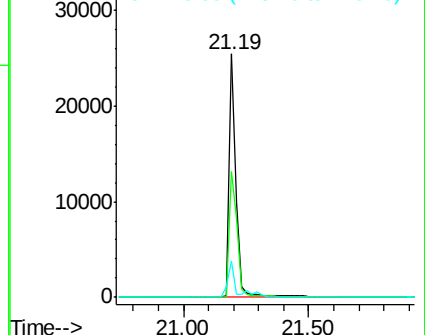
126 14.8 3.7 5.5#



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: 5.51 ng

RT: 21.25 min Scan# 1195

Delta R.T. -0.05 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

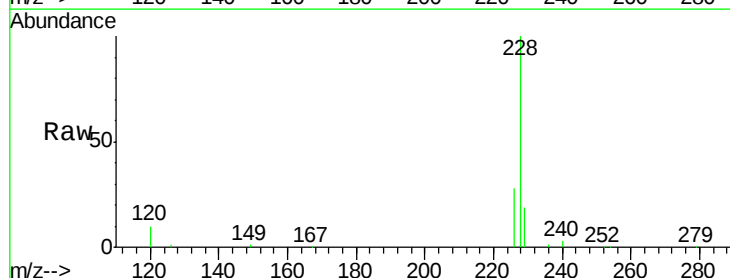
Tgt Ion:228 Resp: 221418

Ion Ratio Lower Upper

228 100

226 27.6 25.3 37.9

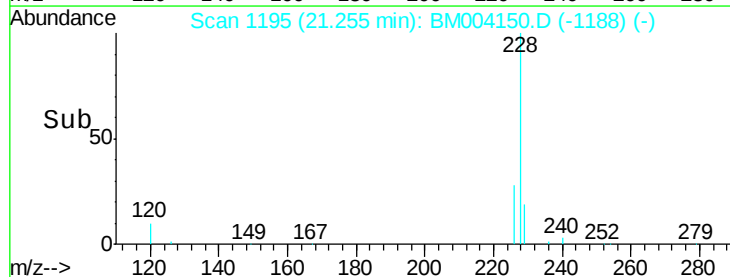
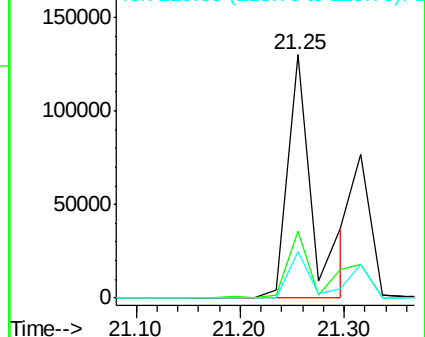
229 19.0 14.5 21.7

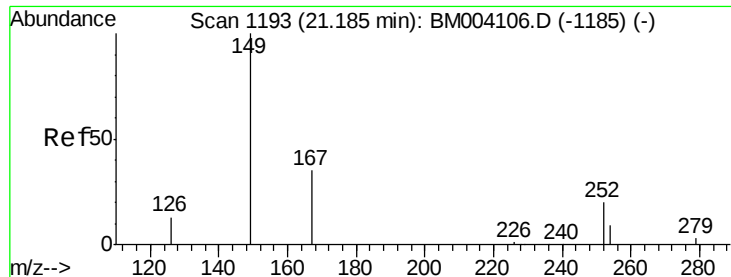


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 3.46 ng

RT: 21.17 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

Instrument :

BNA_M

ClientSampled :

PB88052BSD

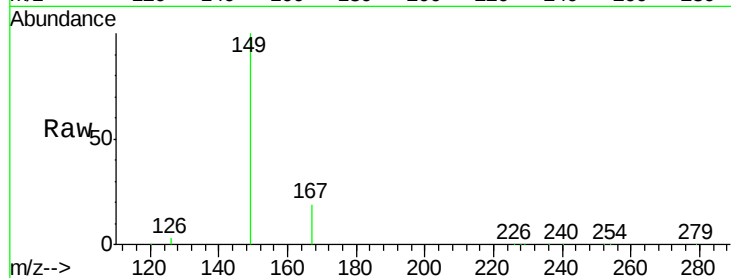
Tgt Ion:149 Resp: 68591

Ion Ratio Lower Upper

149 100

167 24.5 20.1 30.1

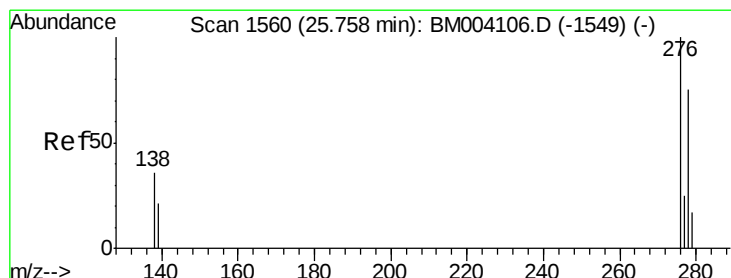
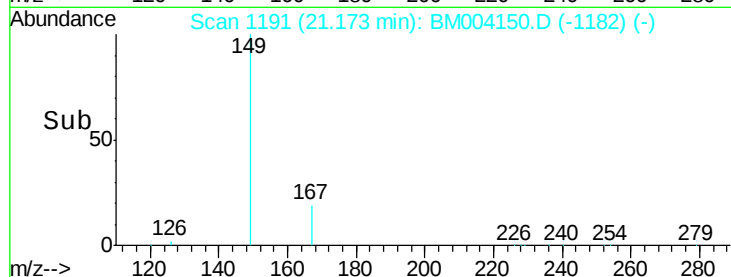
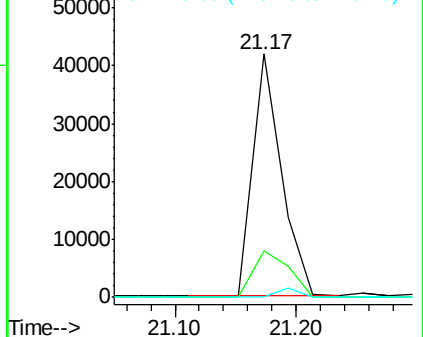
279 0.0 1.8 2.6#



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 3.39 ng

RT: 25.76 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

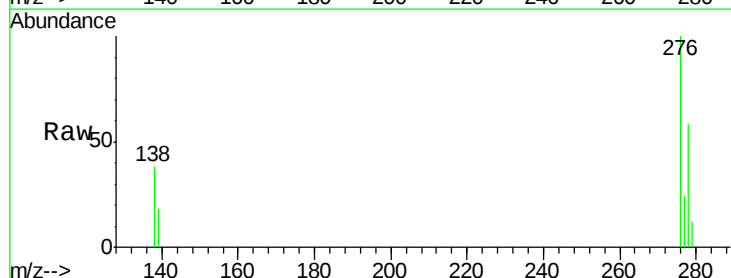
Tgt Ion:276 Resp: 163338

Ion Ratio Lower Upper

276 100

138 37.0 30.2 45.2

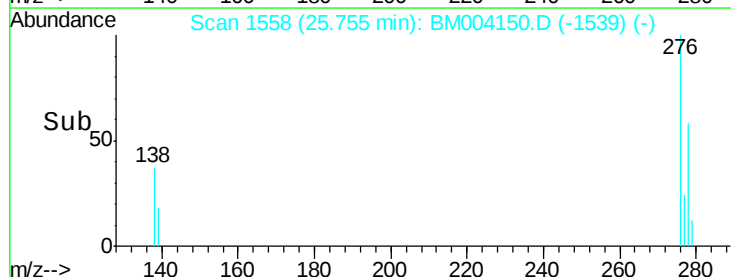
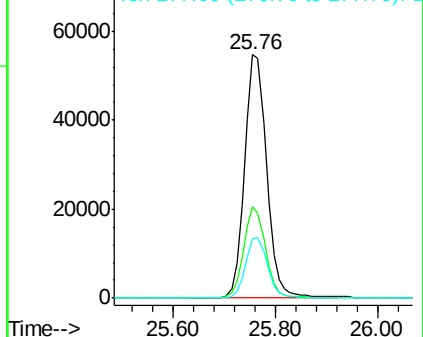
277 24.8 19.8 29.8

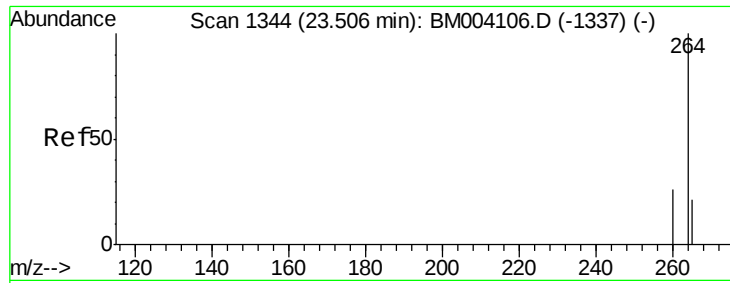


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

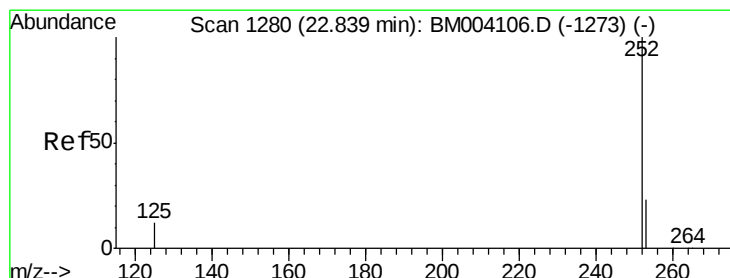
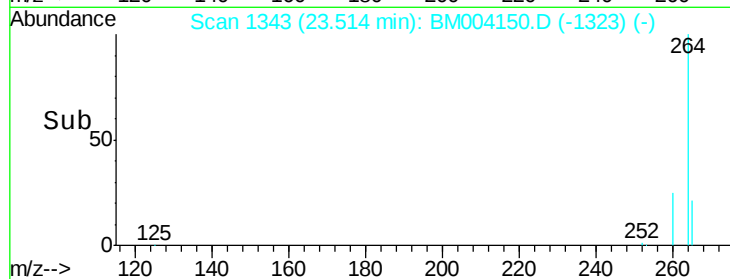
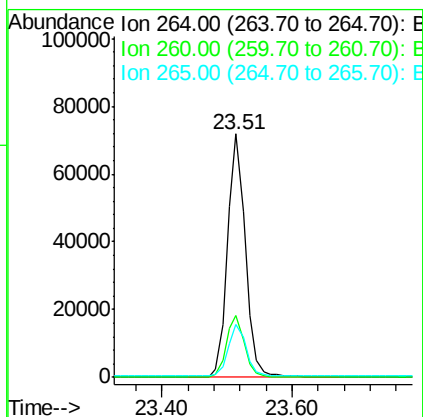
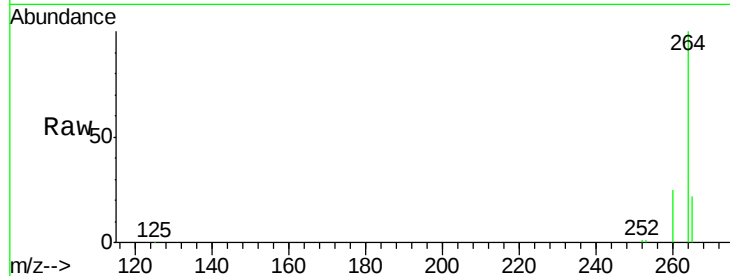




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BM004150.D
 Acq: 29 Jan 2016 17:25

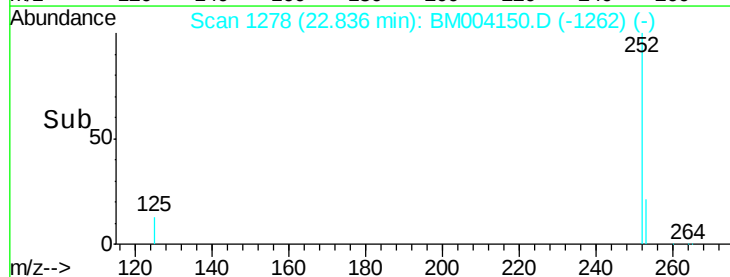
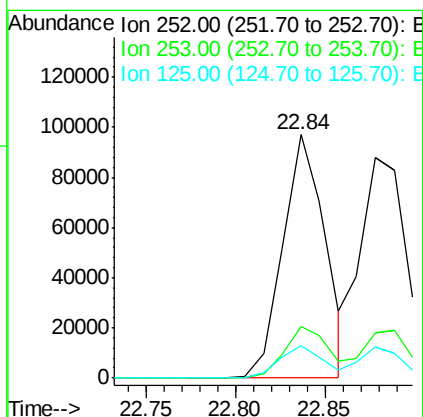
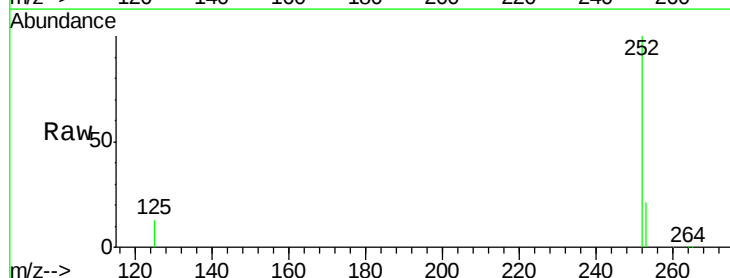
Instrument :
 BNA_M
 ClientSampleId :
 PB88052BSD

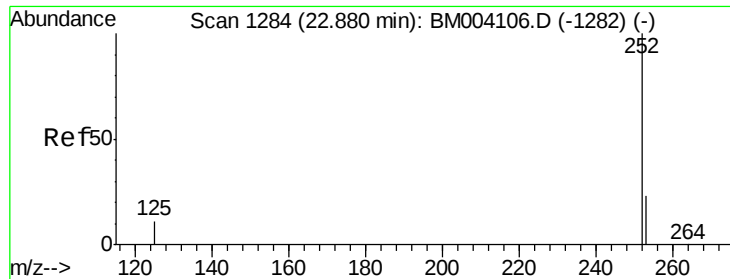
Tgt Ion: 264 Resp: 135923
 Ion Ratio Lower Upper
 264 100
 260 25.5 21.2 31.8
 265 21.6 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 3.80 ng
 RT: 22.84 min Scan# 1278
 Delta R.T. -0.00 min
 Lab File: BM004150.D
 Acq: 29 Jan 2016 17:25

Tgt Ion: 252 Resp: 160101
 Ion Ratio Lower Upper
 252 100
 253 21.0 18.8 28.2
 125 13.5 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 4.19 ng

RT: 22.88 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

PB88052BSD

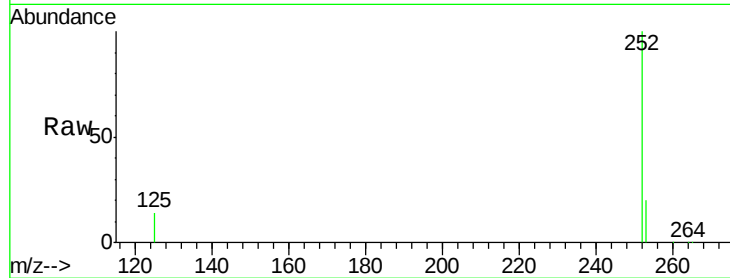
Tgt Ion:252 Resp: 160082

Ion Ratio Lower Upper

252 100

253 20.3 18.3 27.5

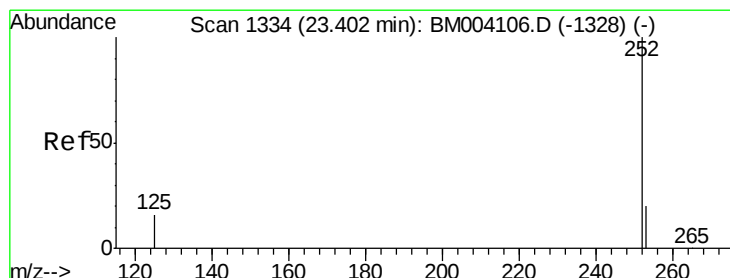
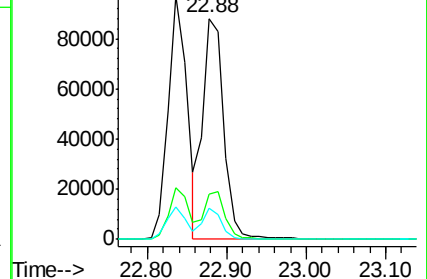
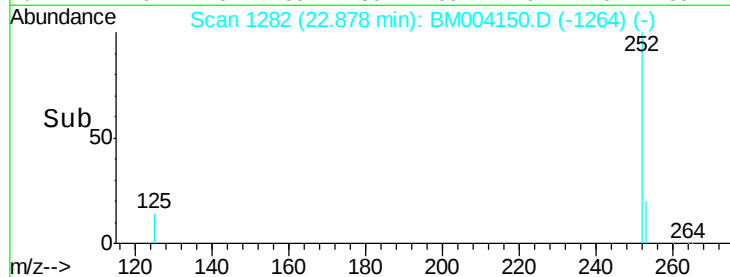
125 13.9 10.6 15.8



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: 4.04 ng

RT: 23.41 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

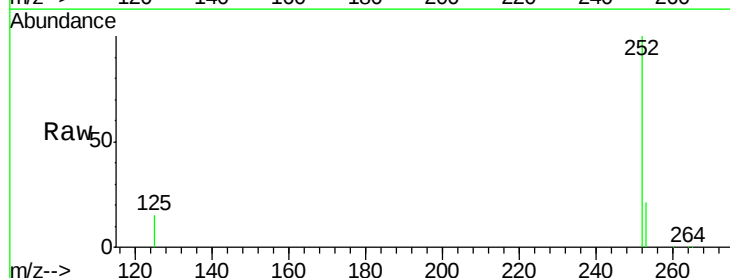
Tgt Ion:252 Resp: 150049

Ion Ratio Lower Upper

252 100

253 21.2 18.7 28.1

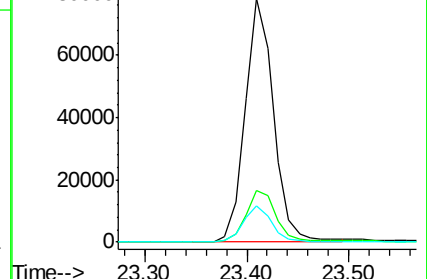
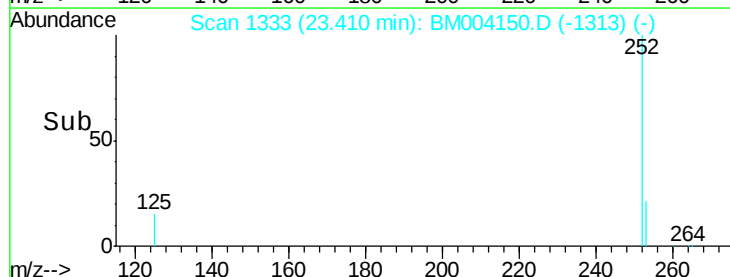
125 14.9 11.8 17.8

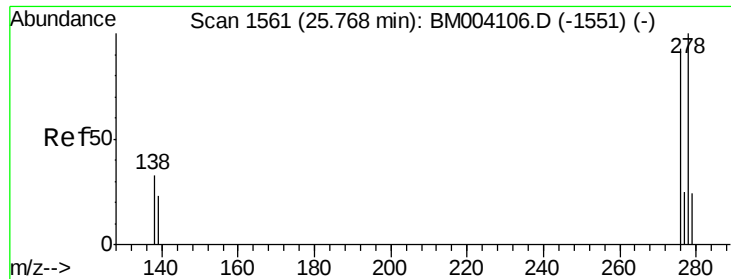


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.92 ng

RT: 25.78 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

PB88052BSD

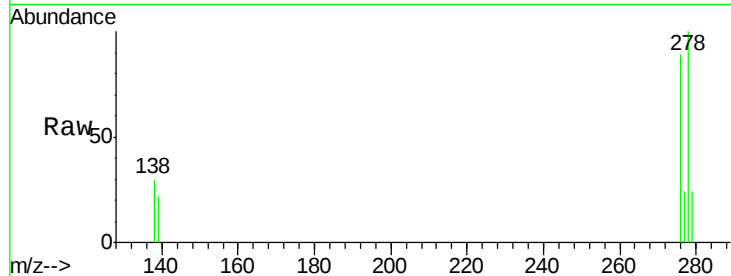
Tgt Ion: 278 Resp: 130729

Ion Ratio Lower Upper

278 100

139 22.2 19.0 28.6

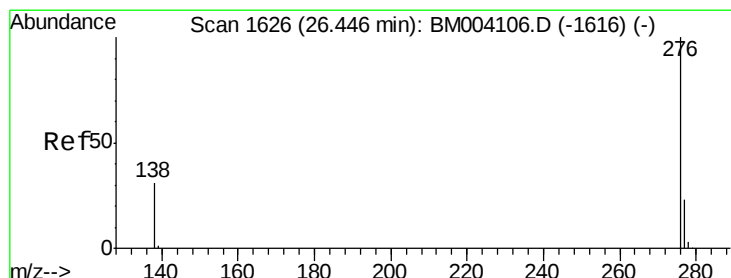
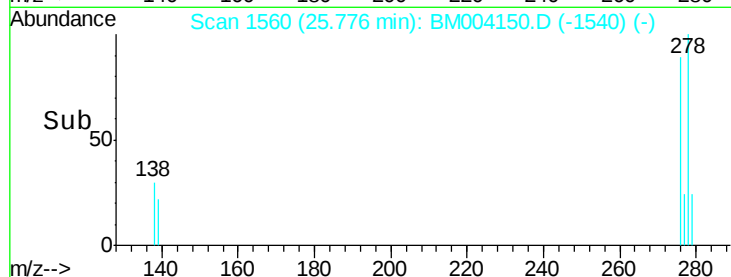
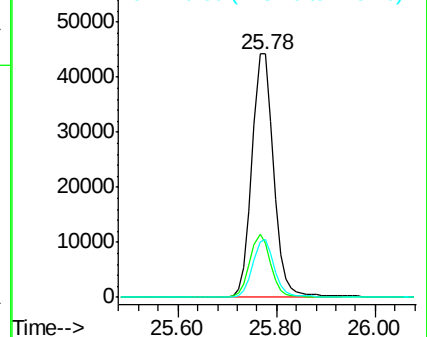
279 23.7 19.6 29.4



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: 3.82 ng

RT: 26.45 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BM004150.D

Acq: 29 Jan 2016 17:25

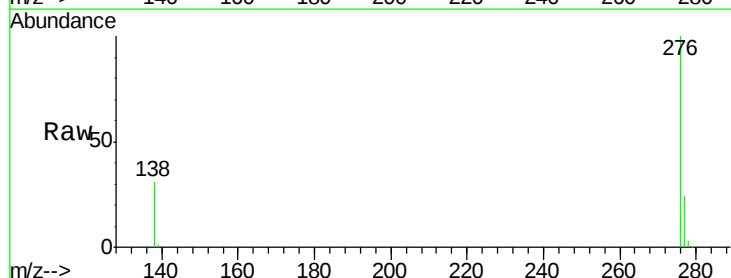
Tgt Ion: 276 Resp: 138987

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 30.7 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

