

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012716\
 Data File : BM004133.D
 Acq On : 27 Jan 2016 14:25
 Operator : SJ/IZ
 Sample : PB87989BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87989BSD

Quant Time: Jan 27 23:58:27 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	21444	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	96838	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	58386	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	151832	5.00	ng	0.00
26) Chrysene-d12	21.27	240	162730	5.00	ng	0.00
35) Perylene-d12	23.51	264	143631	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	28412	6.35	ng	-0.02
5) Phenol-d6	6.83	99	38563	7.14	ng	-0.02
8) Nitrobenzene-d5	8.83	82	17446	4.11	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	15825	6.94	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	69375	3.88	ng	0.00
29) Terphenyl-d14	19.71	244	87984	4.25	ng	0.00

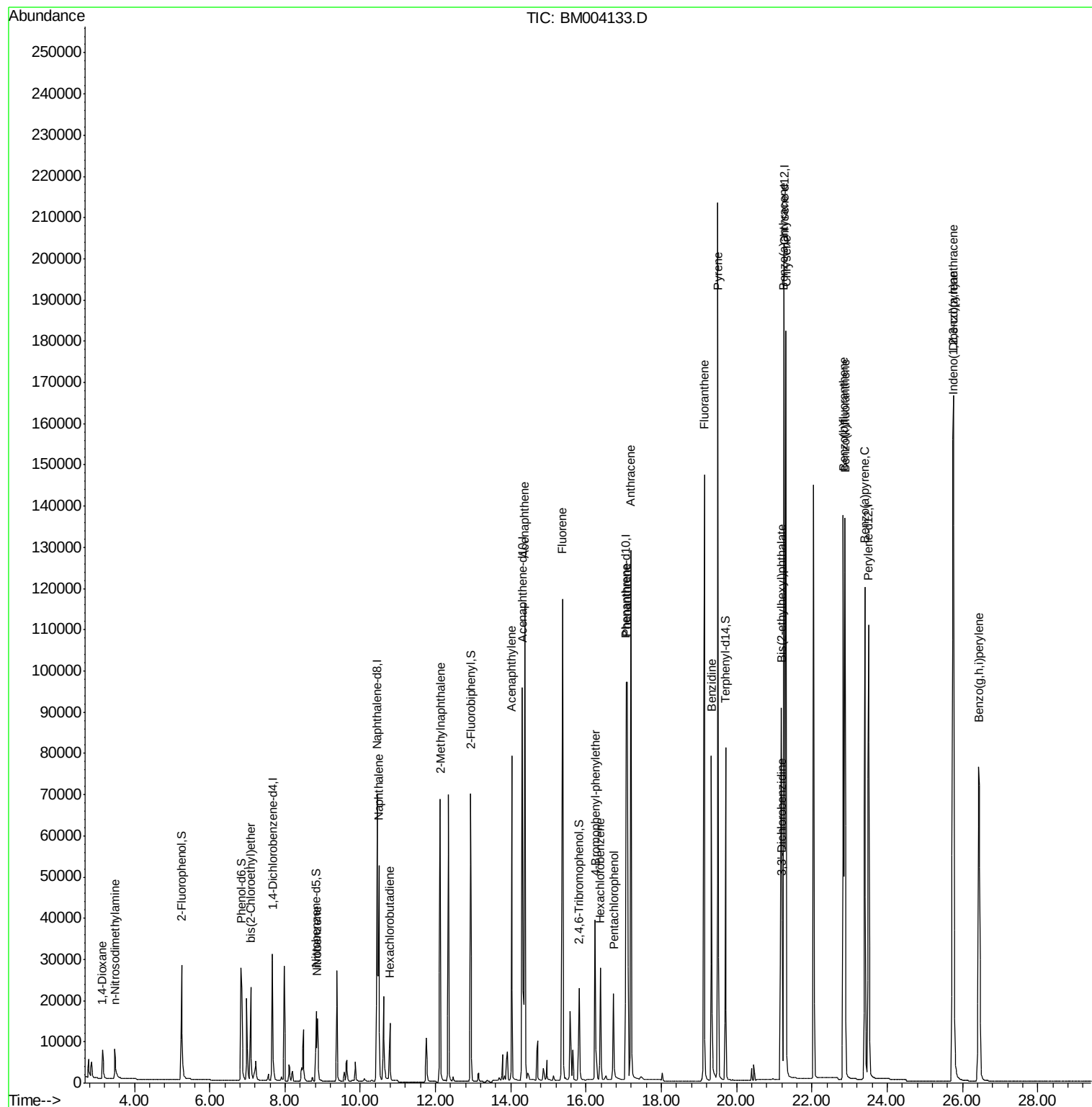
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	6283	3.22	ng	97
3) n-Nitrosodimethylamine	3.48	42	6842	3.58	ng	93
6) bis(2-Chloroethyl)ether	7.09	93	17776	3.55	ng	99
9) Nitrobenzene	8.86	77	18702	3.18	ng	99
10) Naphthalene	10.49	128	74707	3.31	ng	97
11) Hexachlorobutadiene	10.79	225	10762	3.09	ng	99
12) 2-Methylnaphthalene	12.12	142	56146	3.81	ng	96
16) Acenaphthylene	14.02	152	103931	4.12	ng	100
17) Acenaphthene	14.37	154	64929	3.40	ng	96
18) Fluorene	15.37	166	85387	3.68	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	22607	4.57	ng	# 75
21) Hexachlorobenzene	16.37	284	22378	4.31	ng	# 66
22) Pentachlorophenol	16.73	266	17705	7.83	ng	90
23) Phenanthrene	17.09	178	139481	4.75	ng	98
24) Anthracene	17.19	178	160508	4.63	ng	99
25) Fluoranthene	19.14	202	175331	4.26	ng	100
27) Benzidine	19.33	184	115287	7.66	ng	97
28) Pyrene	19.50	202	197992	4.40	ng	100
30) Benzo(a)anthracene	21.25	228	216236	4.54	ng	# 85
31) 3,3'-Dichlorobenzidine	21.21	252	50241	4.05	ng	# 82
32) Chrysene	21.31	228	155239	3.78	ng	91
33) Bis(2-ethylhexyl)phthalate	21.19	149	81719	3.91	ng	93
34) Indeno(1,2,3-cd)pyrene	25.75	276	178734	3.66	ng	100
36) Benzo(b)fluoranthene	22.83	252	198945	4.47	ng	95
37) Benzo(k)fluoranthene	22.88	252	159529	3.96	ng	99
38) Benzo(a)pyrene	23.40	252	169228	4.31	ng	96
39) Dibenzo(a,h)anthracene	25.76	278	142682	4.05	ng	96
40) Benzo(g,h,i)perylene	26.44	276	151728	3.94	ng	98

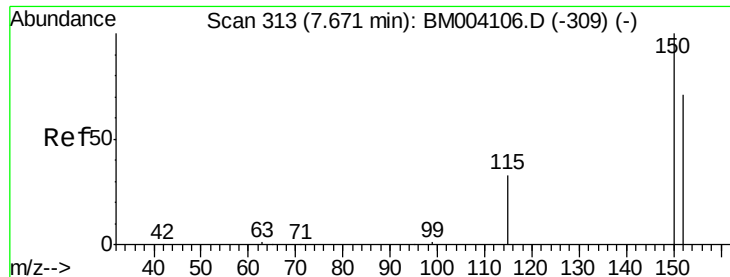
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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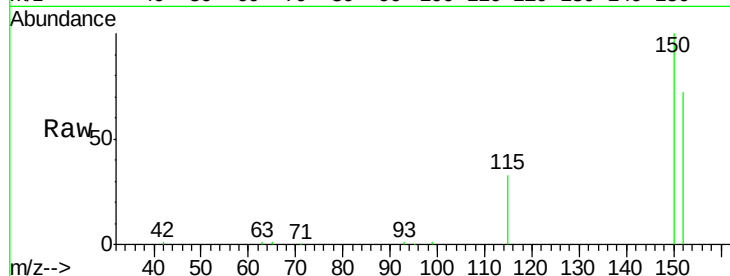




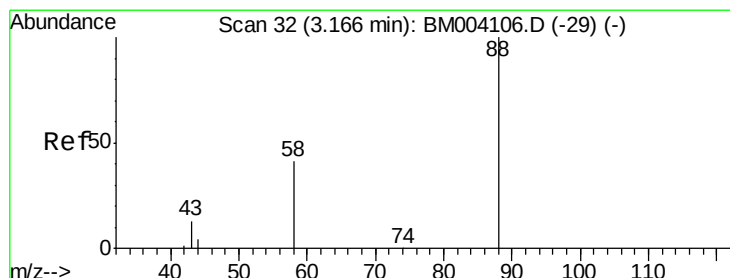
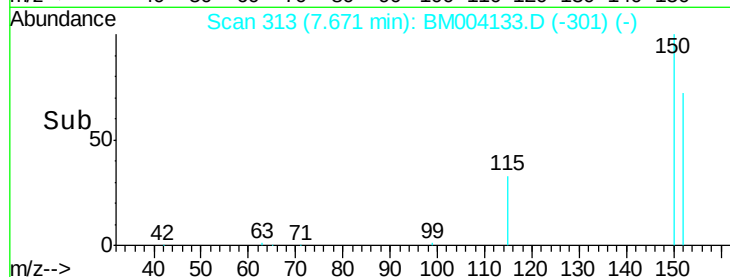
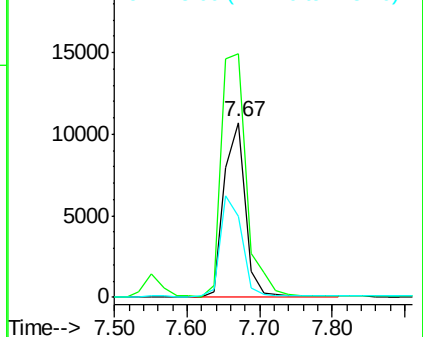
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.67 min Scan# 313
 Delta R.T. -0.00 min
 Lab File: BM004133.D
 Acq: 27 Jan 2016 14:25

Instrument :
 BNA_M
 ClientSampleId :
 PB87989BSD

Tgt Ion: 152 Resp: 21444
 Ion Ratio Lower Upper
 152 100
 150 139.5 122.9 184.3
 115 46.6 44.4 66.6

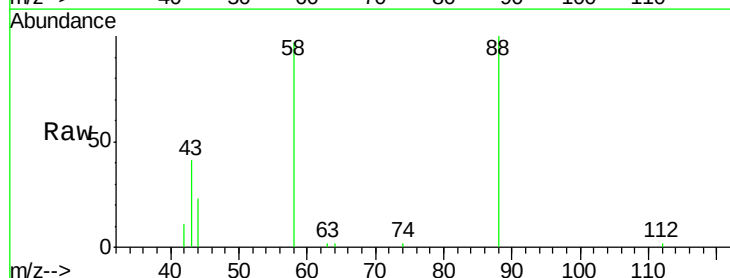


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

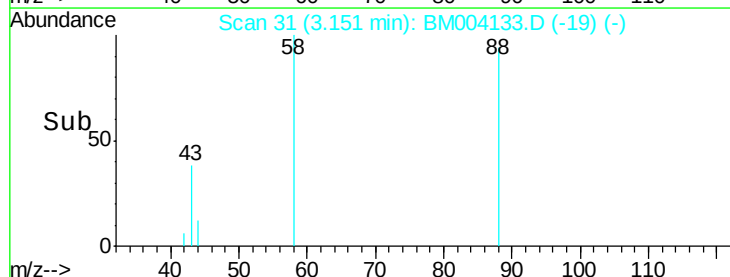
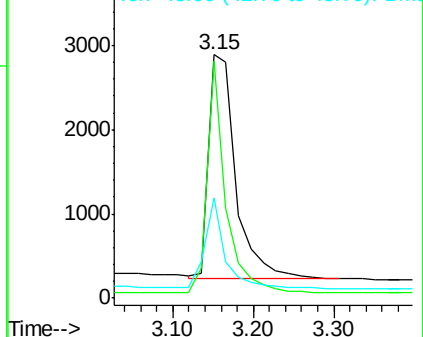


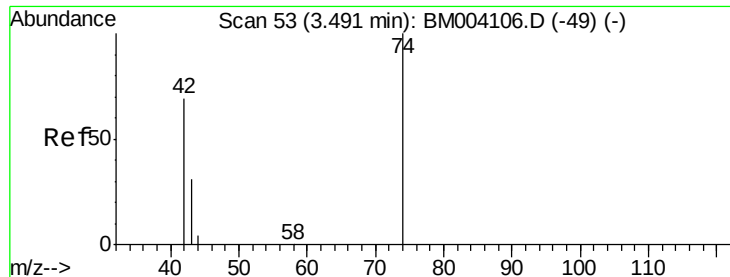
#2
 1,4-Dioxane
 Concen: 3.22 ng
 RT: 3.15 min Scan# 31
 Delta R.T. -0.02 min
 Lab File: BM004133.D
 Acq: 27 Jan 2016 14:25

Tgt Ion: 88 Resp: 6283
 Ion Ratio Lower Upper
 88 100
 58 70.8 53.8 80.6
 43 29.3 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: 3.58 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

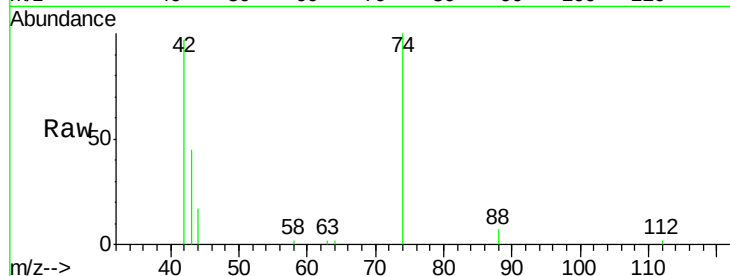
Tgt Ion: 42 Resp: 6842

Ion Ratio Lower Upper

42 100

74 127.1 95.0 142.4

44 6.9 5.1 7.7

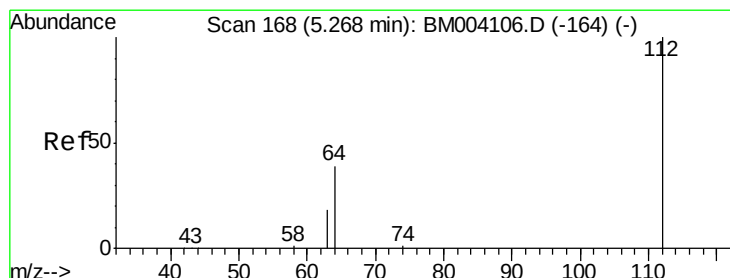
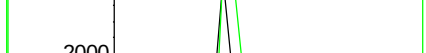
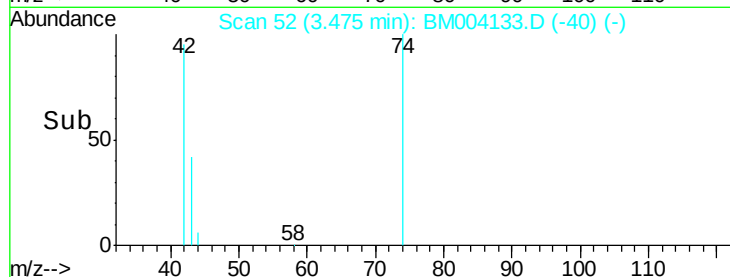


Abundance Ion 42.00 (41.70 to 42.70): BM004106.D (-49) (-)

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

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

Time-->



#4

2-Fluorophenol

Concen: 6.35 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

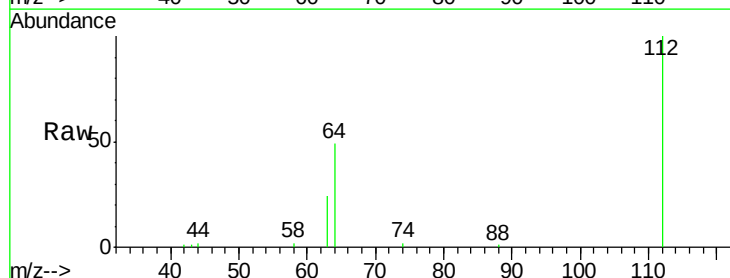
Tgt Ion: 112 Resp: 28412

Ion Ratio Lower Upper

112 100

64 51.8 41.8 62.8

63 27.0 22.1 33.1

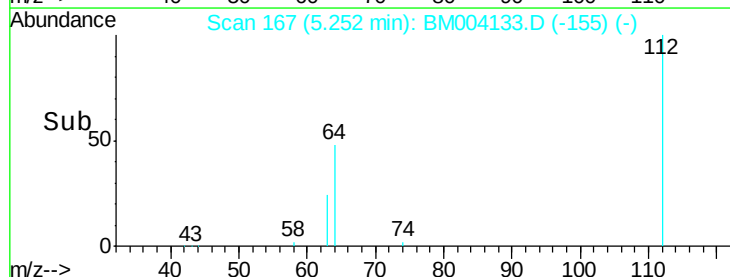


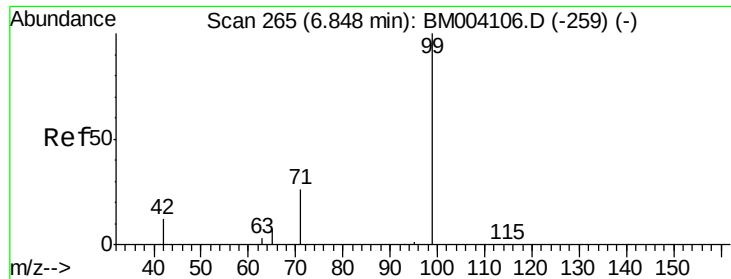
Abundance Ion 112.00 (111.70 to 112.70): BM004106.D (-164) (-)

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

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

Time-->





#5

Phenol-d6

Concen: 7.14 ng

RT: 6.83 min Scan# 264

Delta R.T. -0.02 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

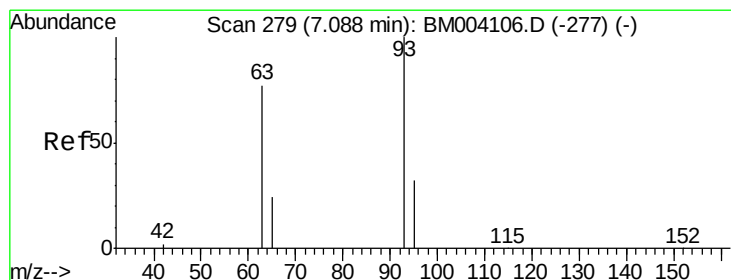
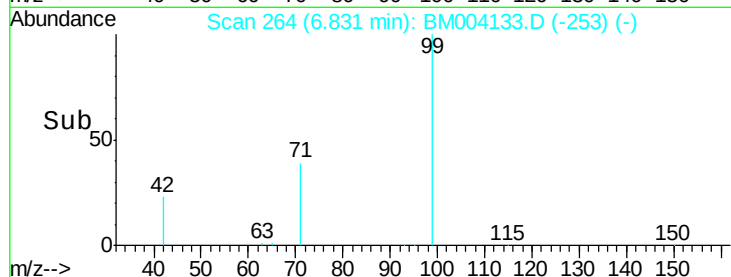
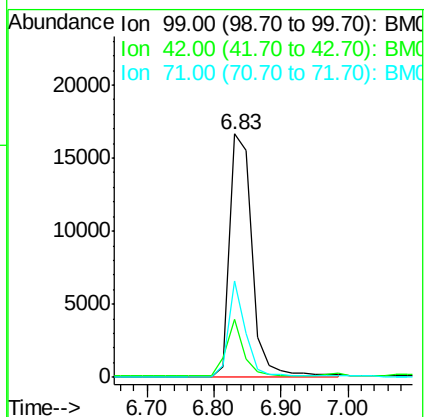
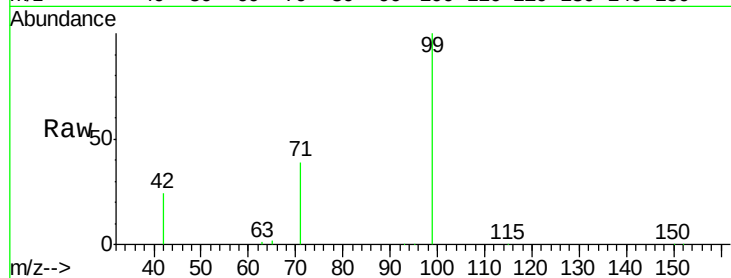
Tgt Ion: 99 Resp: 38563

Ion Ratio Lower Upper

99 100

42 18.4 16.2 24.2

71 30.3 24.4 36.6



#6

bis(2-Chloroethyl)ether

Concen: 3.55 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

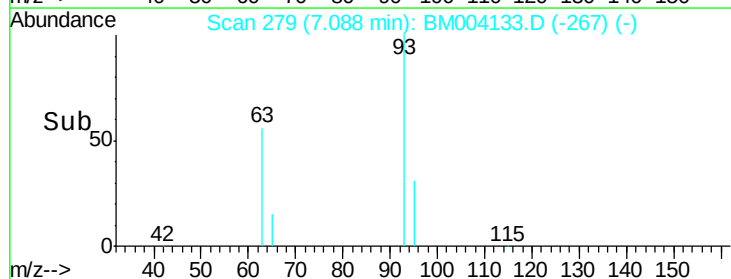
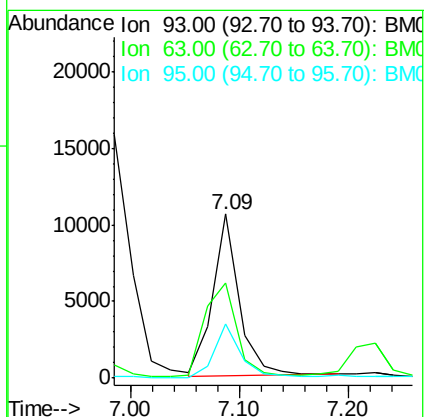
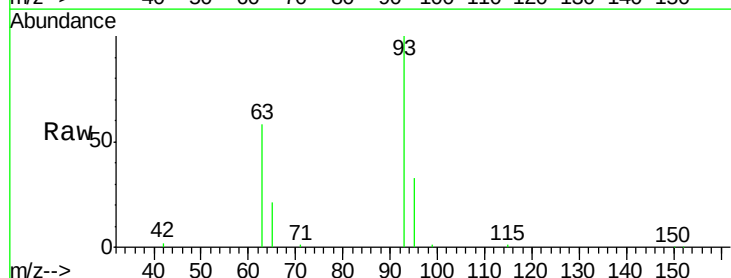
Tgt Ion: 93 Resp: 17776

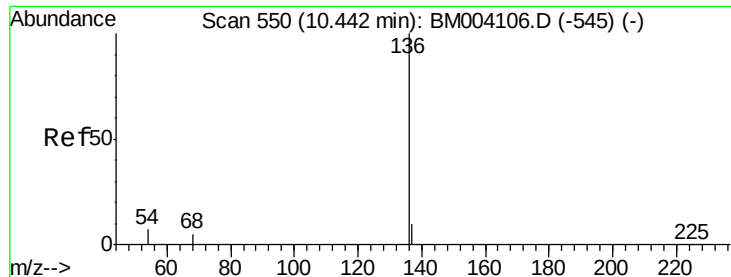
Ion Ratio Lower Upper

93 100

63 72.4 58.3 87.5

95 32.9 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: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

Tgt Ion:136 Resp: 96838

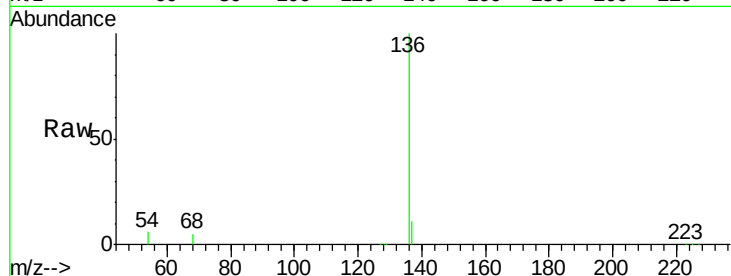
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 6.1 2.8 4.2#

68 4.7 2.5 3.7#

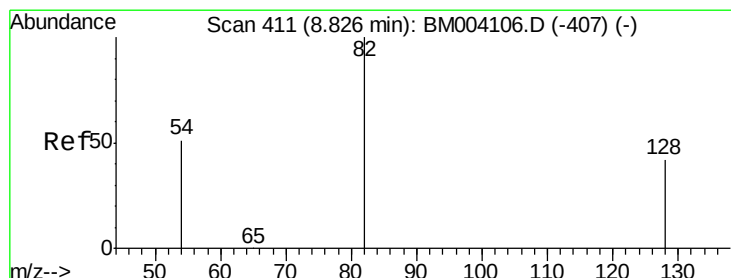
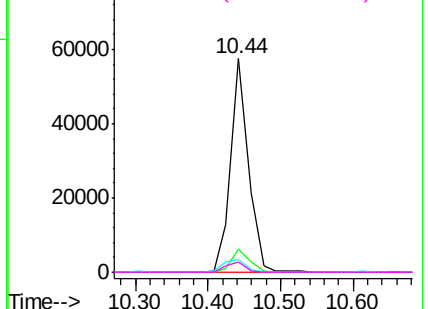
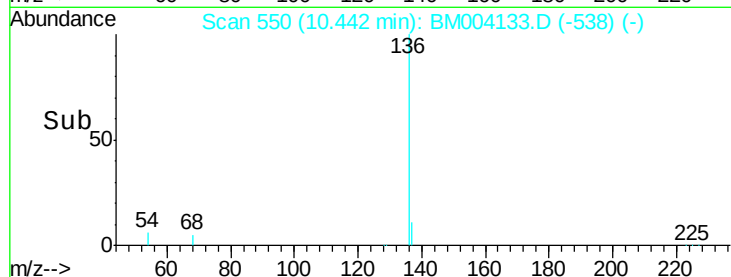


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.11 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

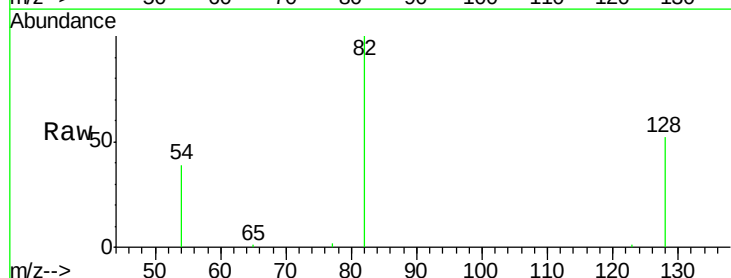
Tgt Ion: 82 Resp: 17446

Ion Ratio Lower Upper

82 100

128 51.7 39.1 58.7

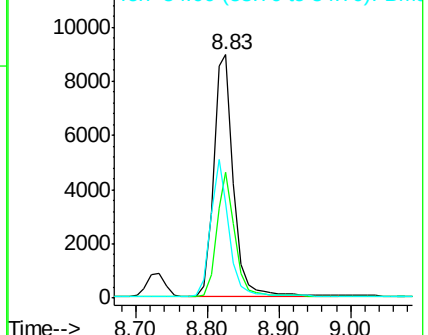
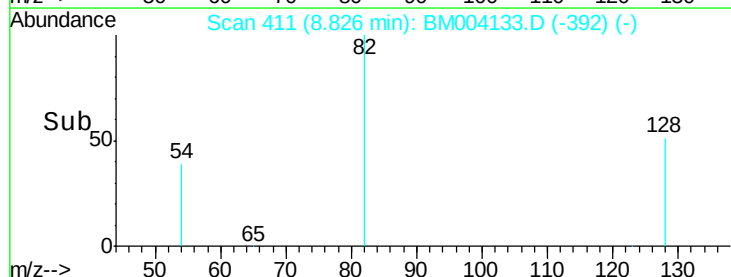
54 39.2 34.8 52.2

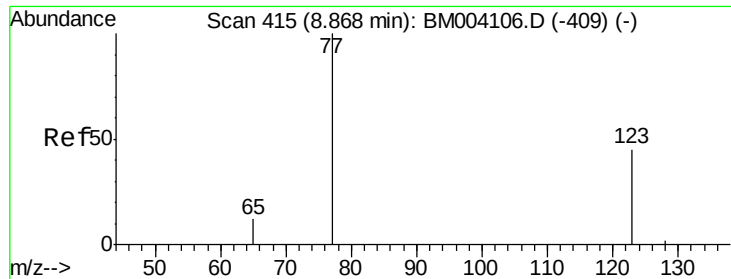


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.18 ng

RT: 8.86 min Scan# 414

Delta R.T. -0.01 min

Lab File: BM004133.D

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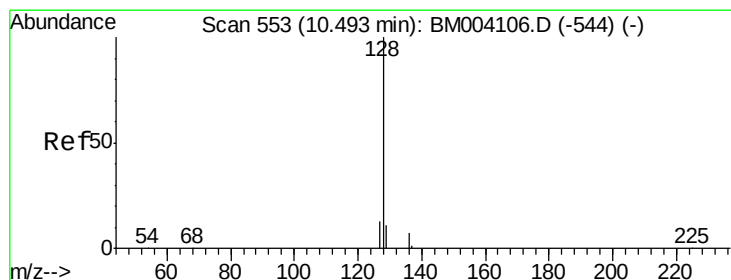
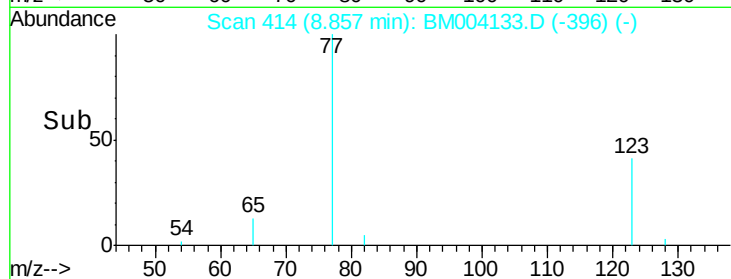
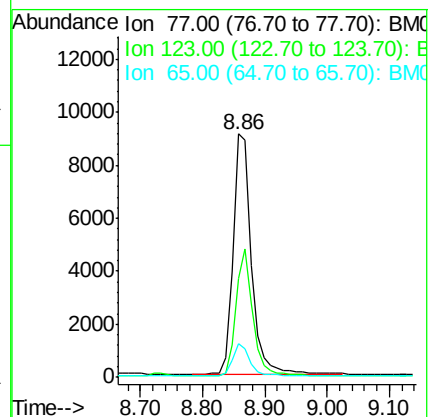
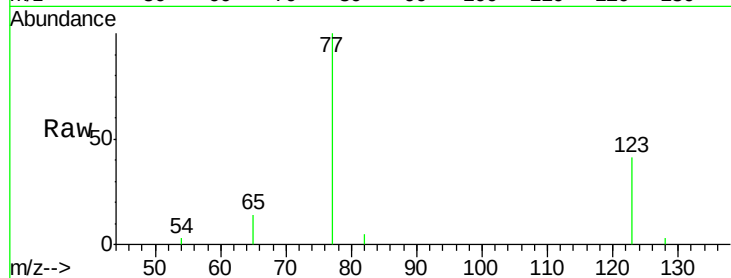
Tgt Ion: 77 Resp: 18702

Ion Ratio Lower Upper

77 100

123 49.1 38.6 57.8

65 12.7 9.9 14.9



#10

Naphthalene

Concen: 3.31 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

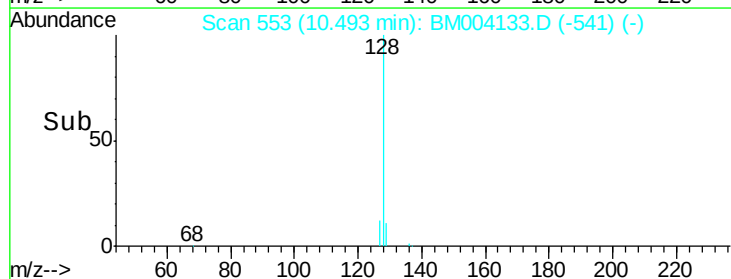
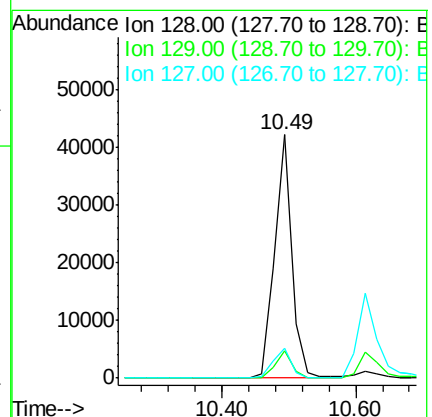
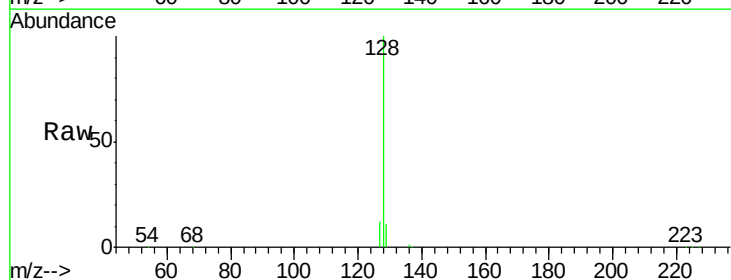
Tgt Ion: 128 Resp: 74707

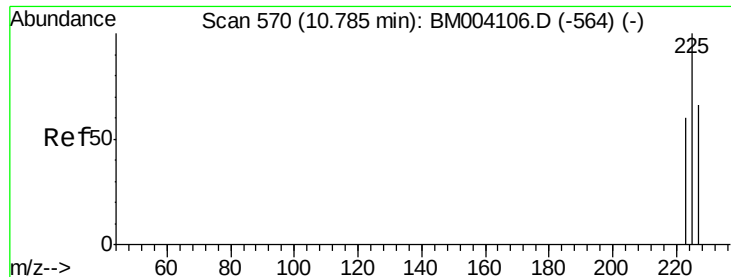
Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

127 12.3 11.0 16.4

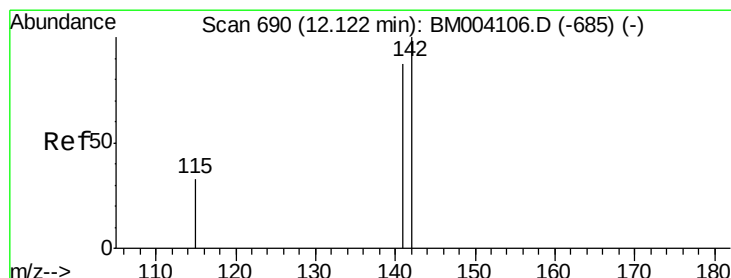
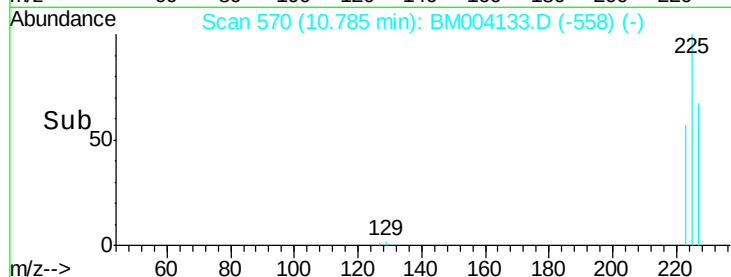
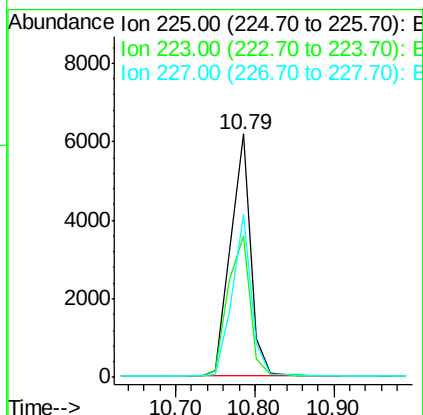
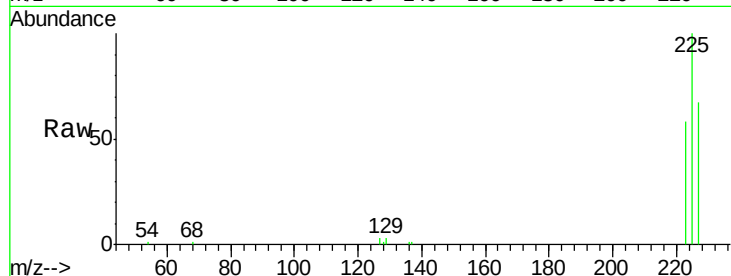




#11
Hexachlorobutadiene
Concen: 3.09 ng
RT: 10.79 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004133.D
Acq: 27 Jan 2016 14:25

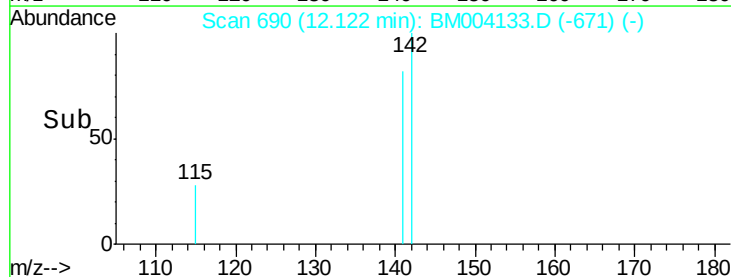
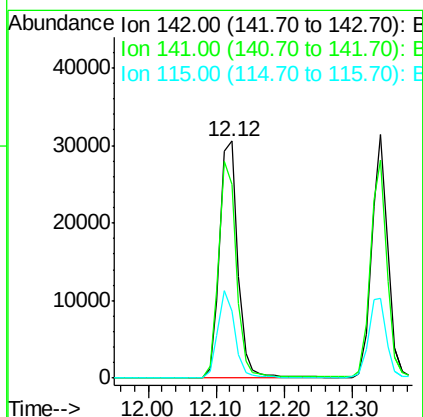
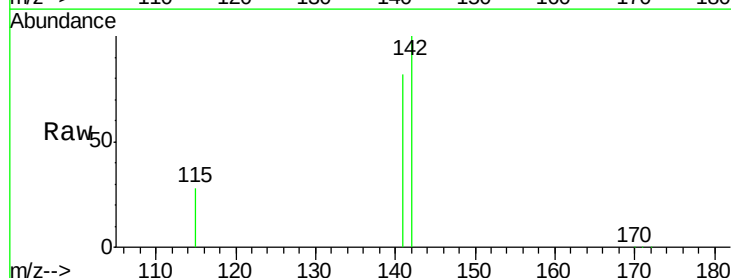
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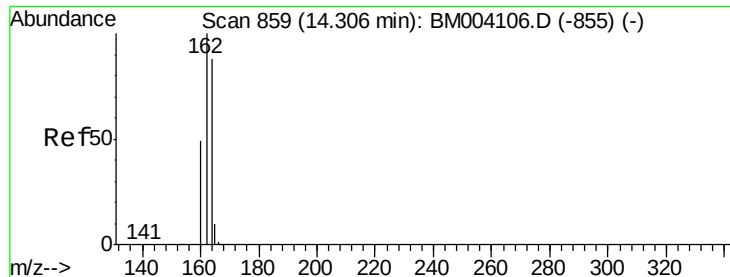
Tgt Ion: 225 Resp: 10762
Ion Ratio Lower Upper
225 100
223 62.7 50.9 76.3
227 63.6 51.2 76.8



#12
2-Methylnaphthalene
Concen: 3.81 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM004133.D
Acq: 27 Jan 2016 14:25

Tgt Ion: 142 Resp: 56146
Ion Ratio Lower Upper
142 100
141 81.9 67.8 101.8
115 28.5 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: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

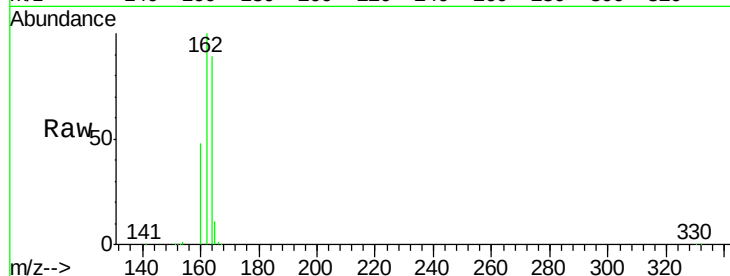
Tgt Ion:164 Resp: 58386

Ion Ratio Lower Upper

164 100

162 112.8 86.0 129.0

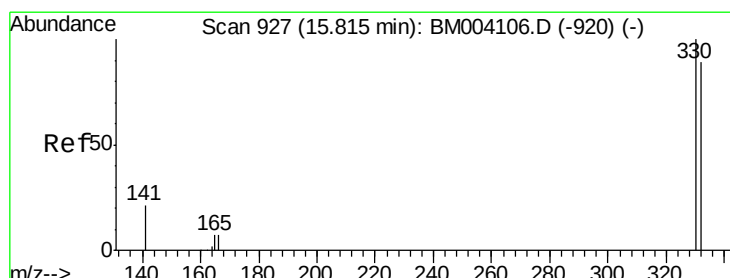
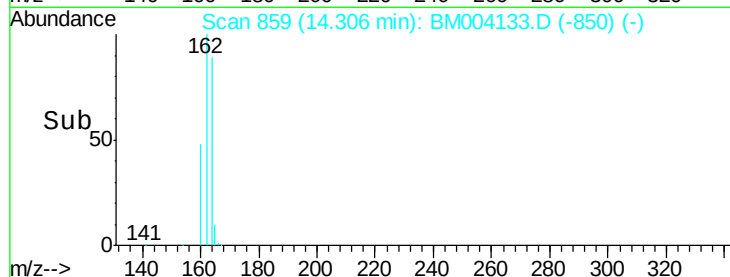
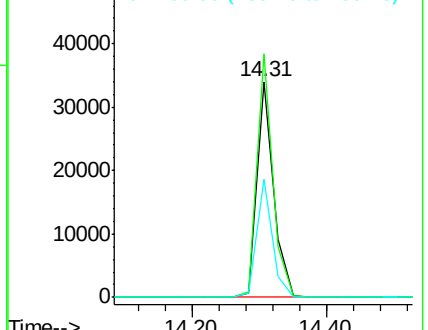
160 54.5 40.3 60.5



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: 6.94 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

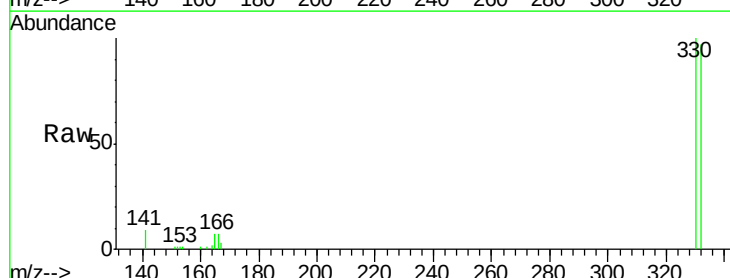
Tgt Ion:330 Resp: 15825

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

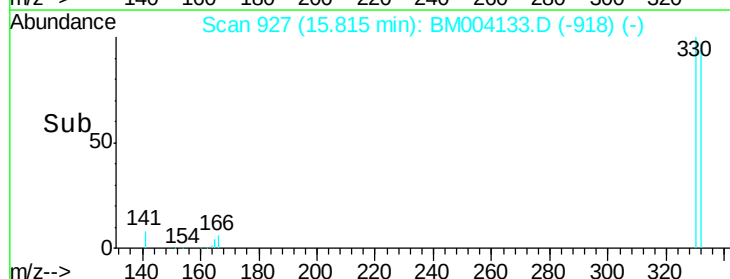
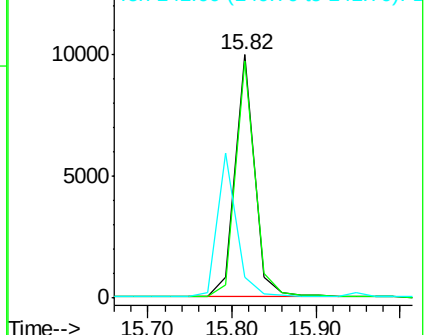
141 0.0 27.8 41.6#

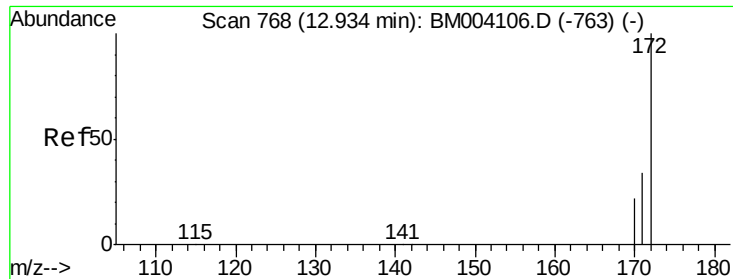


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

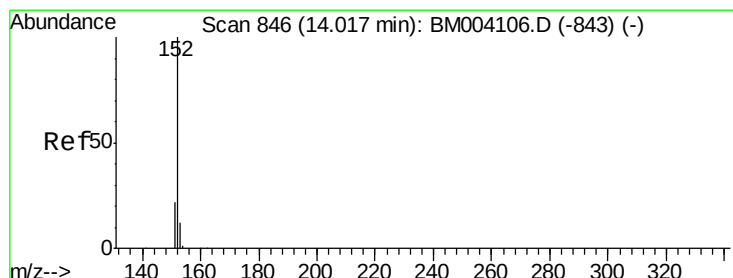
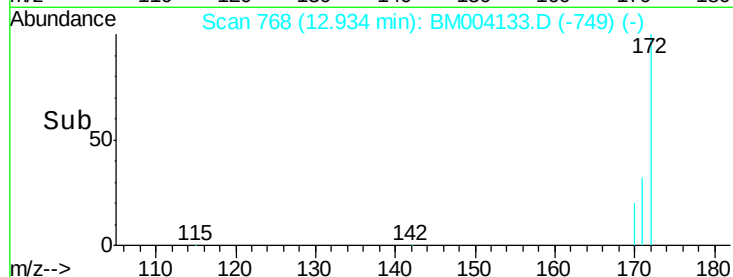
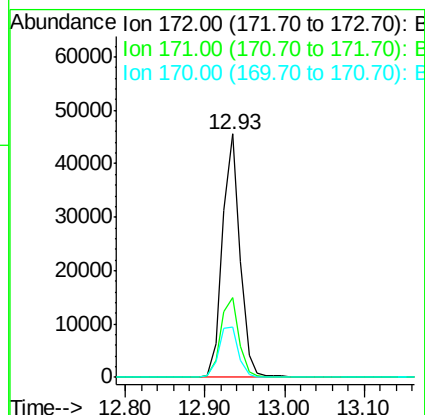
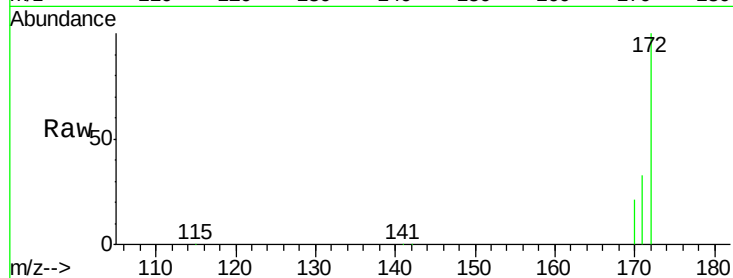




#15
2-Fluorobiphenyl
Concen: 3.88 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004133.D
Acq: 27 Jan 2016 14:25

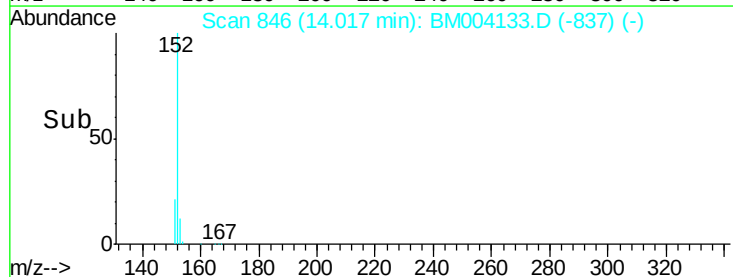
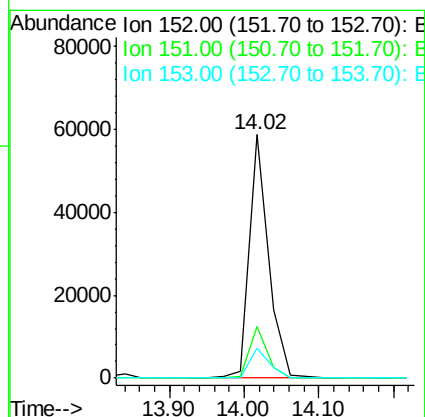
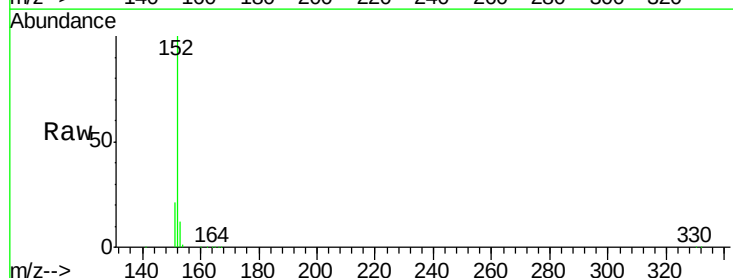
Instrument :
BNA_M
ClientSampleId :
PB87989BSD

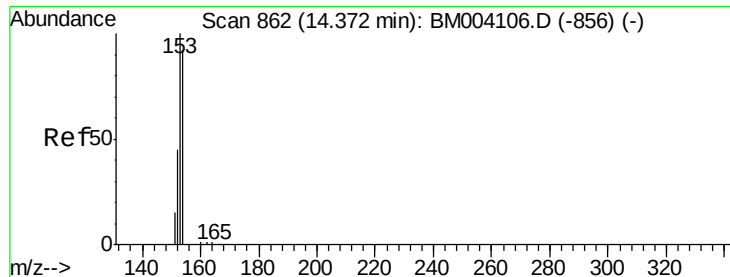
Tgt Ion:172 Resp: 69375
Ion Ratio Lower Upper
172 100
171 32.7 27.0 40.6
170 20.5 17.9 26.9



#16
Acenaphthylene
Concen: 4.12 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM004133.D
Acq: 27 Jan 2016 14:25

Tgt Ion:152 Resp: 103931
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.7 10.2 15.4





#17

Acenaphthene

Concen: 3.40 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

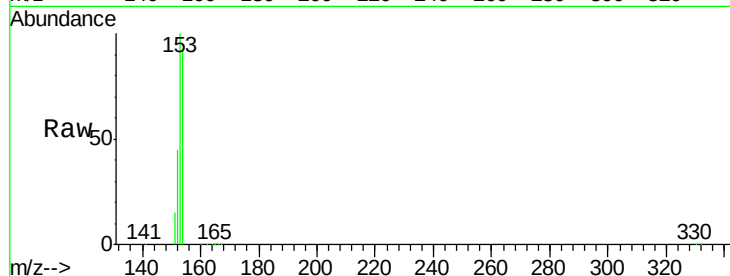
Tgt Ion:154 Resp: 64929

Ion Ratio Lower Upper

154 100

153 111.9 85.4 128.2

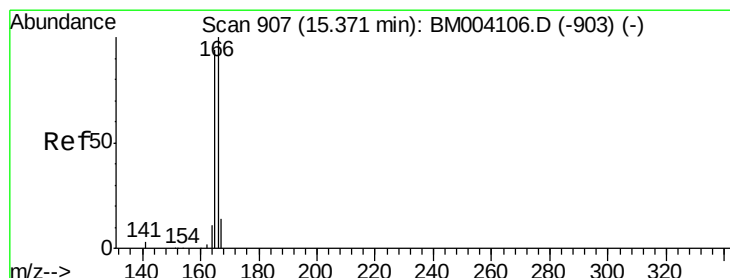
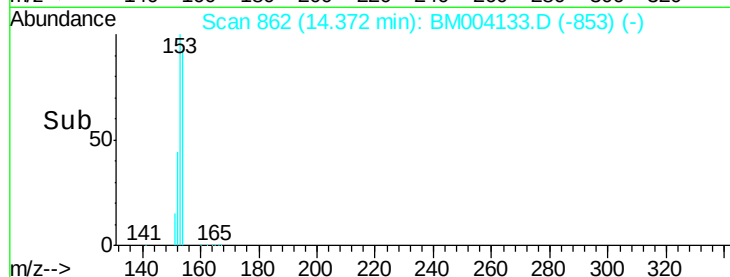
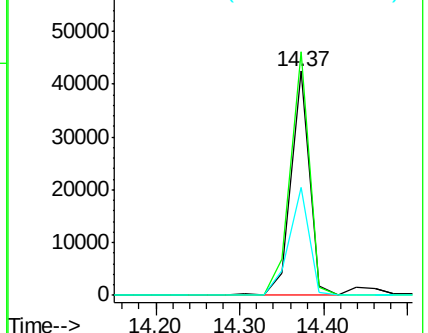
152 52.6 40.6 60.8



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: 3.68 ng

RT: 15.37 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

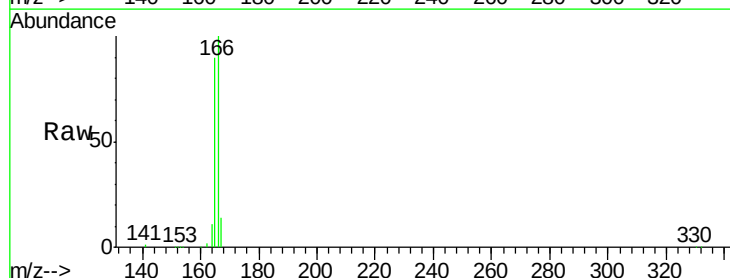
Tgt Ion:166 Resp: 85387

Ion Ratio Lower Upper

166 100

165 95.8 77.2 115.8

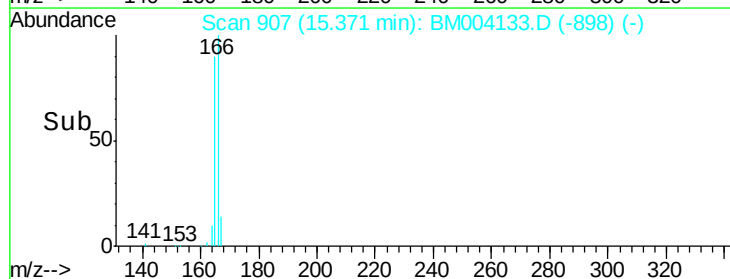
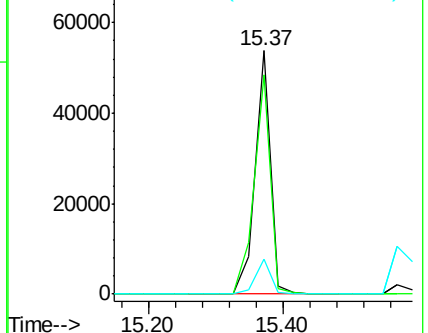
167 13.6 11.0 16.6

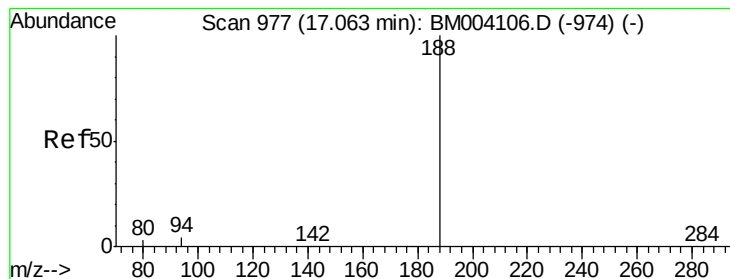


Abundance Ion 166.00 (165.70 to 166.70): E

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: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

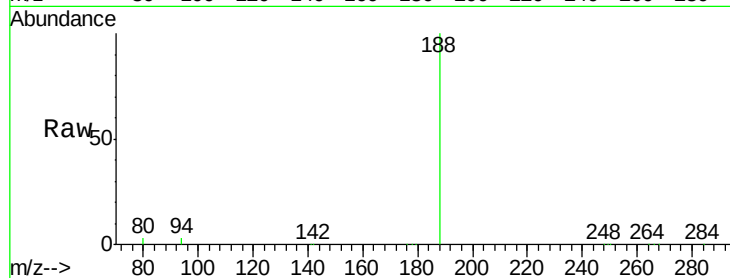
Tgt Ion:188 Resp: 151832

Ion Ratio Lower Upper

188 100

94 3.4 20.3 30.5#

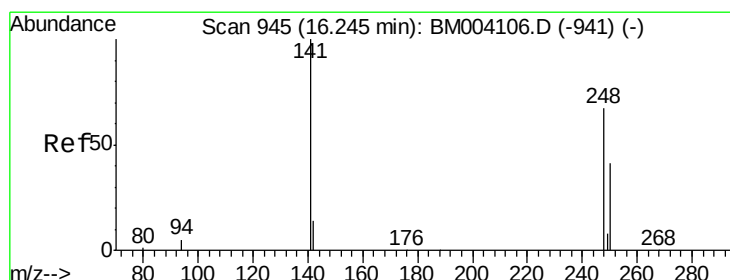
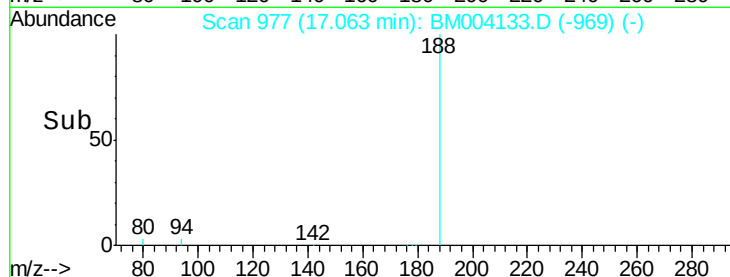
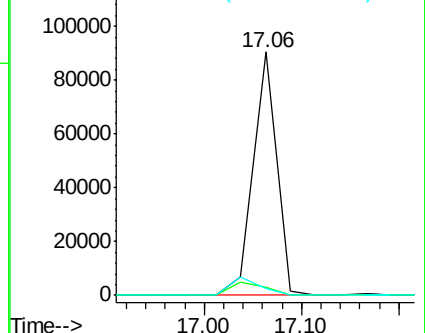
80 2.8 22.2 33.4#



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



#20

4-Bromophenyl-phenylether

Concen: 4.57 ng

RT: 16.24 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

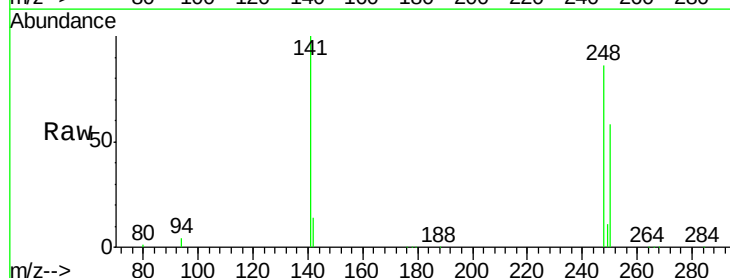
Tgt Ion:248 Resp: 22607

Ion Ratio Lower Upper

248 100

250 84.8 75.0 112.4

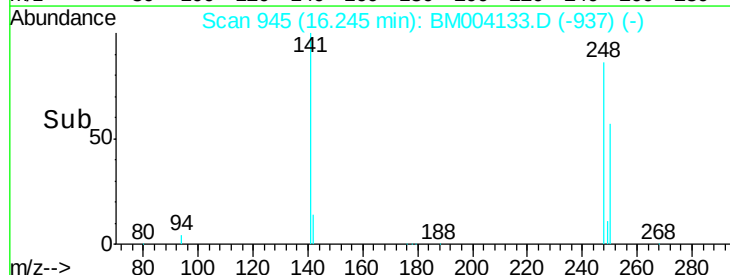
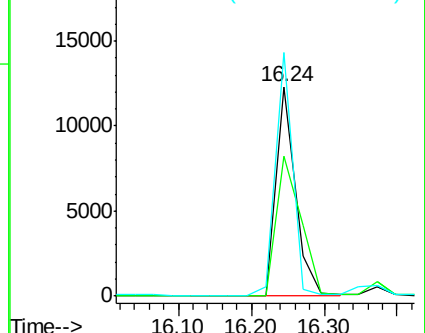
141 103.1 53.0 79.4#

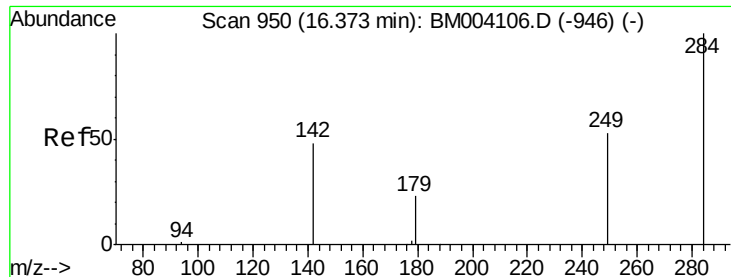


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

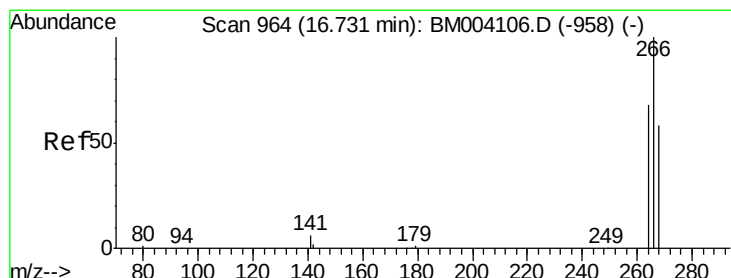
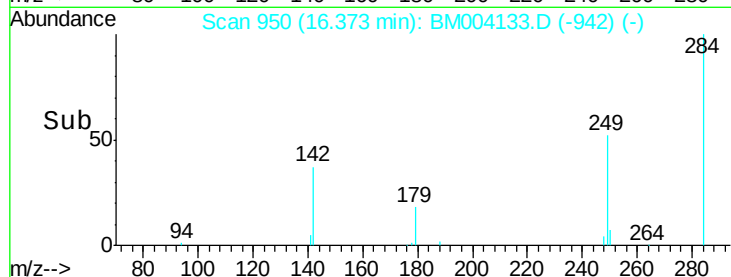
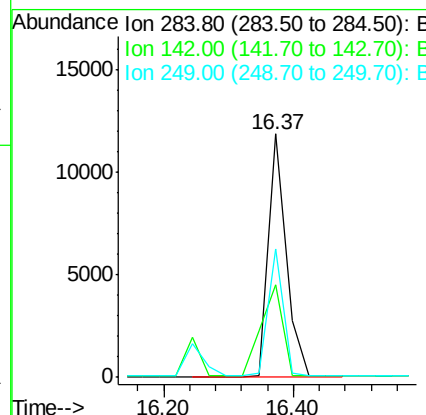
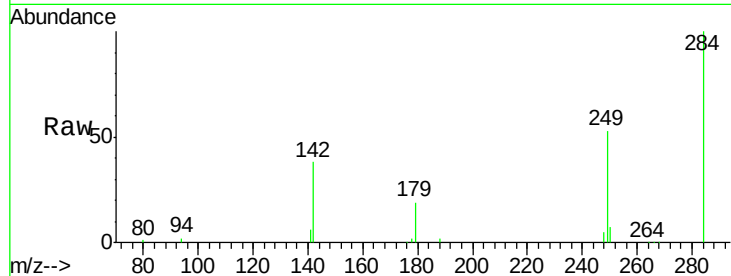




#21
Hexachlorobenzene
Concen: 4.31 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM004133.D
Acq: 27 Jan 2016 14:25

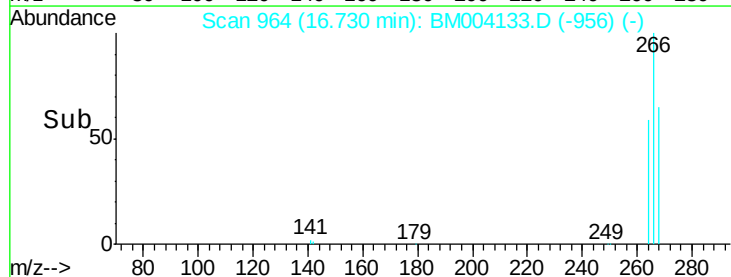
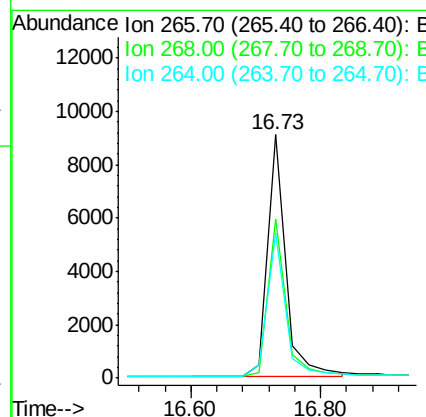
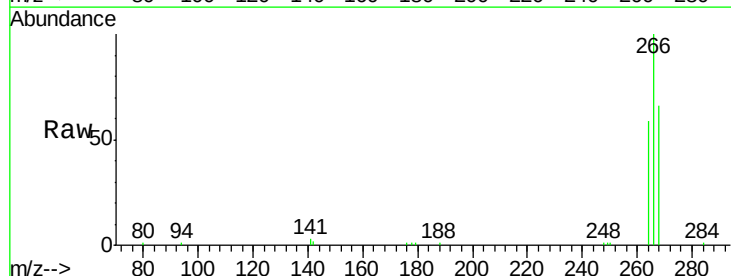
Instrument :
BNA_M
ClientSampleId :
PB87989BSD

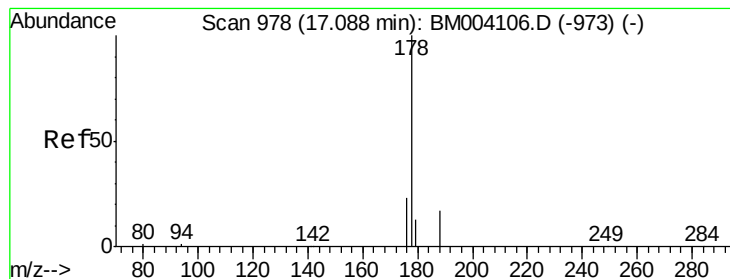
Tgt Ion:284 Resp: 22378
Ion Ratio Lower Upper
284 100
142 45.7 22.2 33.4#
249 44.3 21.5 32.3#



#22
Pentachlorophenol
Concen: 7.83 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004133.D
Acq: 27 Jan 2016 14:25

Tgt Ion:266 Resp: 17705
Ion Ratio Lower Upper
266 100
268 65.5 62.7 94.1
264 59.4 45.7 68.5





#23

Phenanthrene

Concen: 4.75 ng

RT: 17.09 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

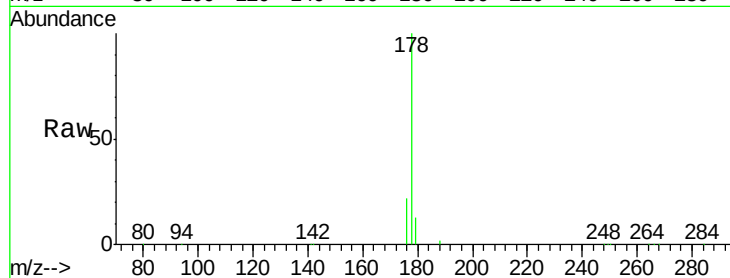
Tgt Ion:178 Resp: 139481

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

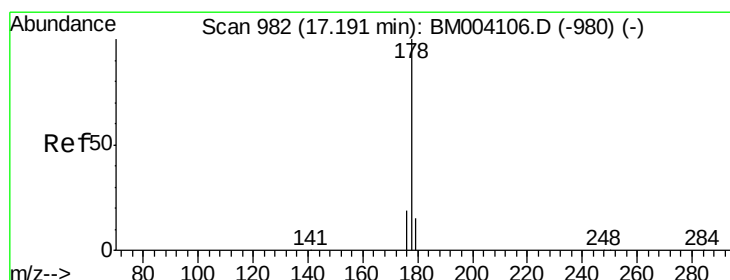
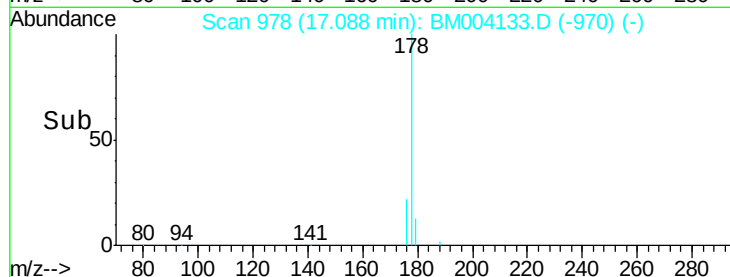
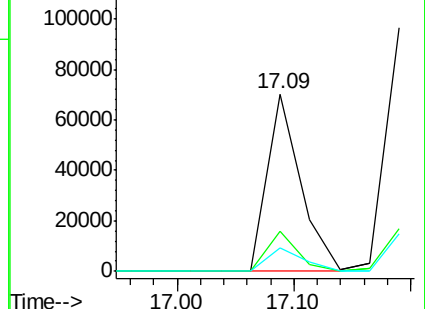
179 14.5 12.2 18.4



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: 4.63 ng

RT: 17.19 min Scan# 982

Delta R.T. -0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

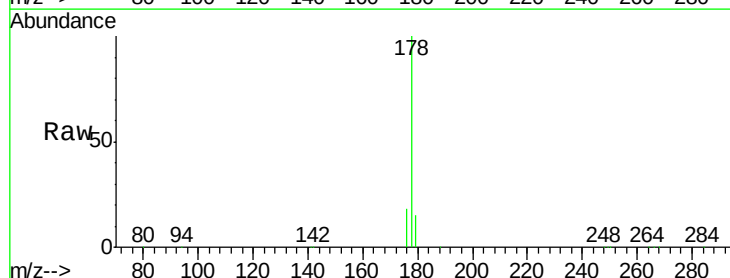
Tgt Ion:178 Resp: 160508

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

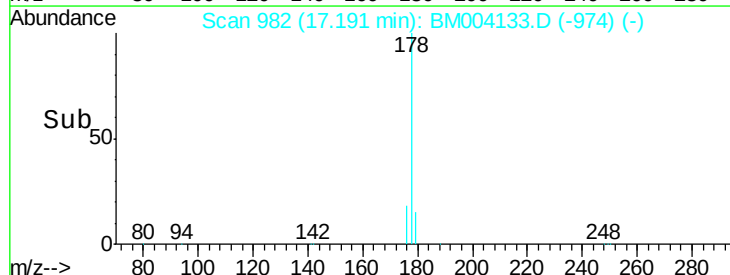
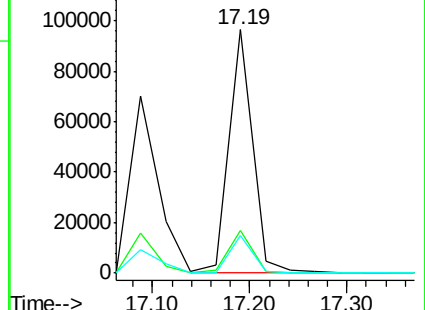
179 15.3 12.6 19.0

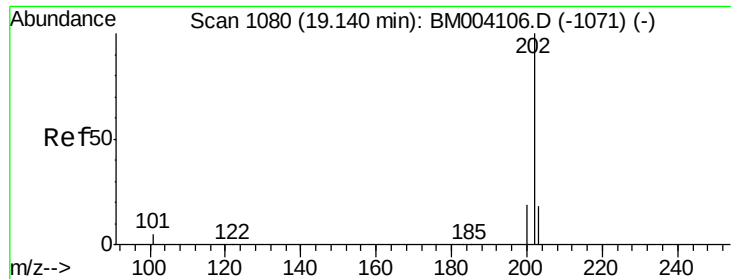


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 4.26 ng

RT: 19.14 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

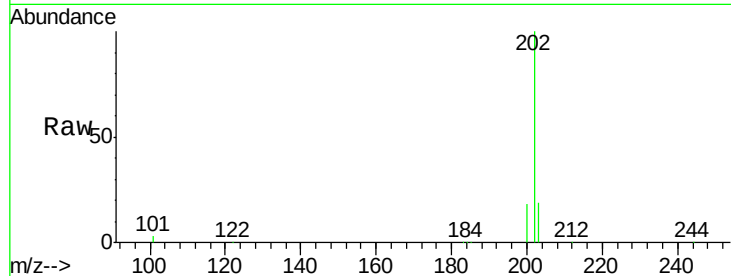
Tgt Ion: 202 Resp: 175331

Ion Ratio Lower Upper

202 100

101 12.2 9.7 14.5

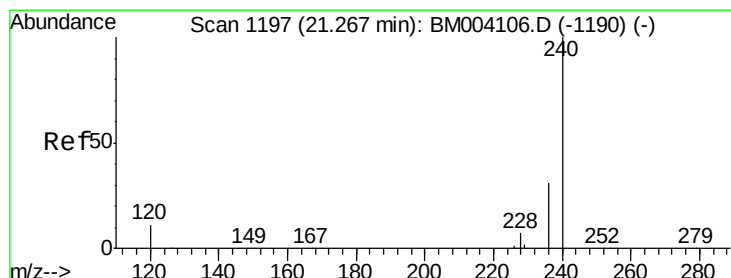
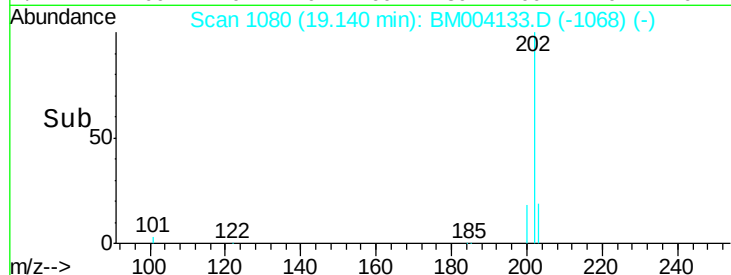
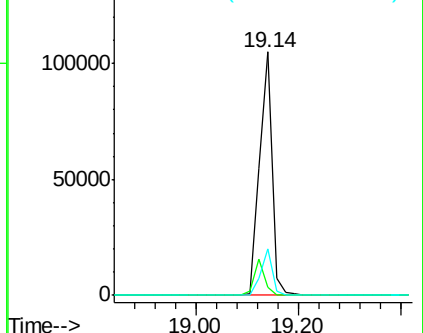
203 17.4 13.8 20.8



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: BM004133.D

Acq: 27 Jan 2016 14:25

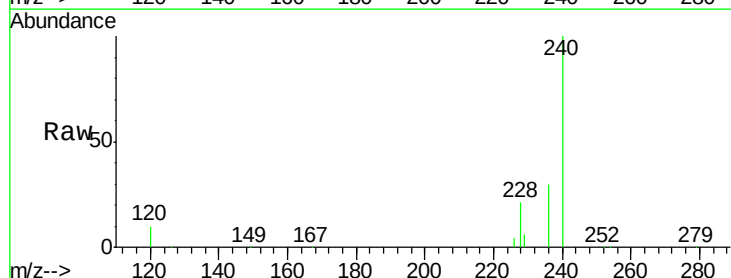
Tgt Ion: 240 Resp: 162730

Ion Ratio Lower Upper

240 100

120 9.9 0.9 1.3#

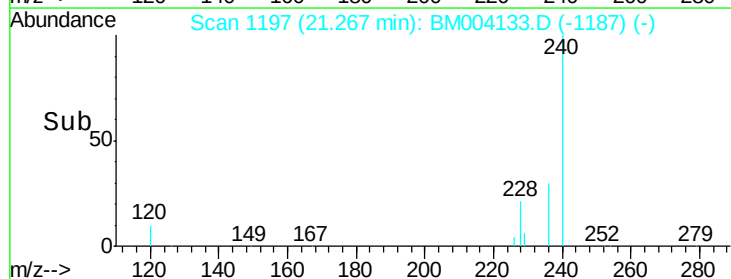
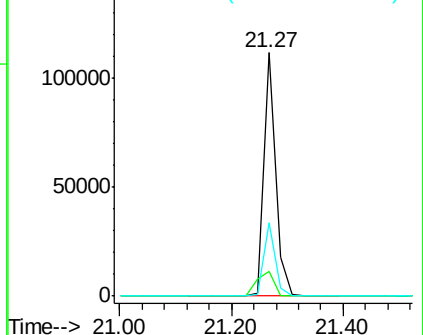
236 30.2 17.3 25.9#

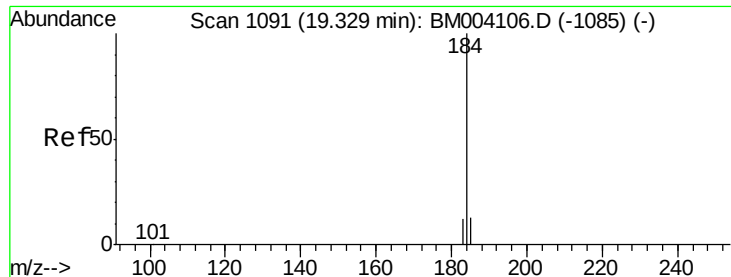


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 7.66 ng

RT: 19.33 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

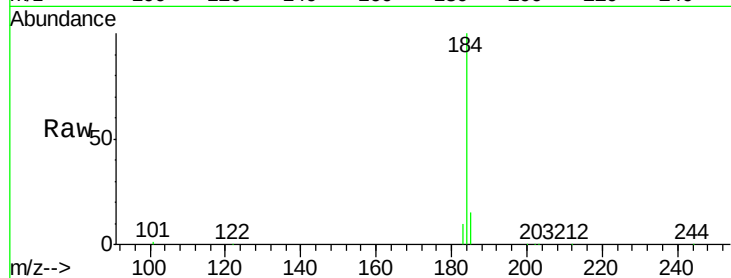
Tgt Ion:184 Resp: 115287

Ion Ratio Lower Upper

184 100

185 14.9 13.2 19.8

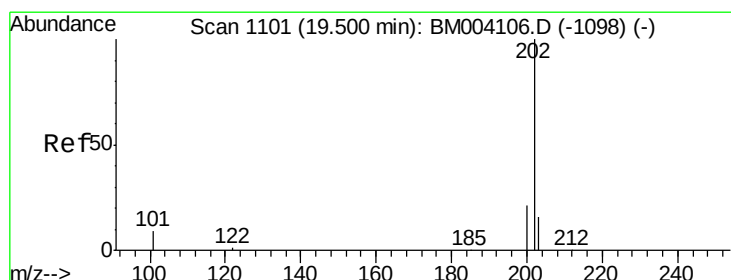
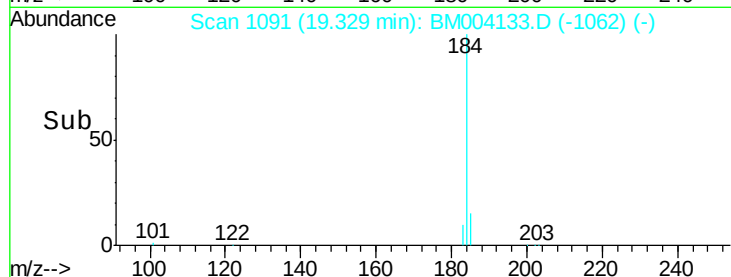
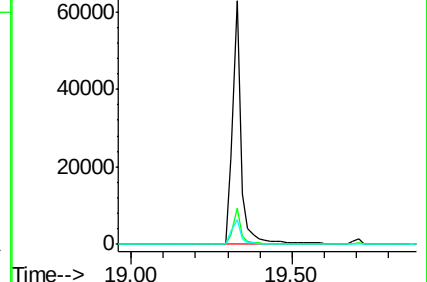
183 10.2 9.0 13.6



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: 4.40 ng

RT: 19.50 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

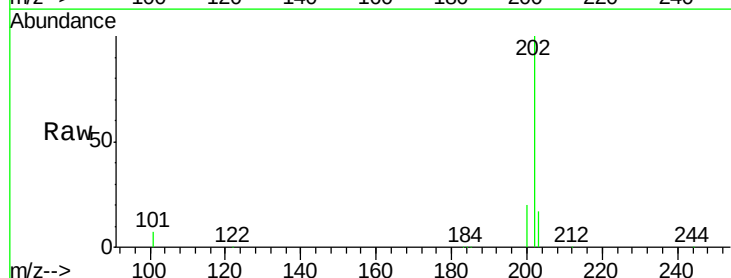
Tgt Ion:202 Resp: 197992

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

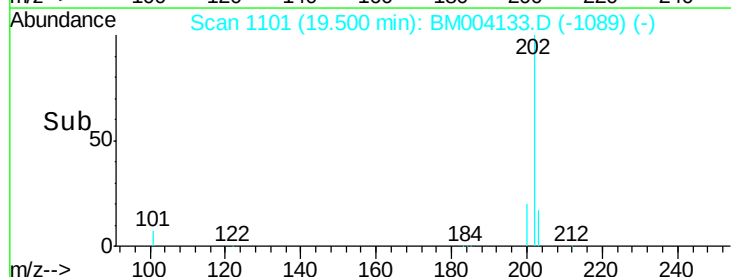
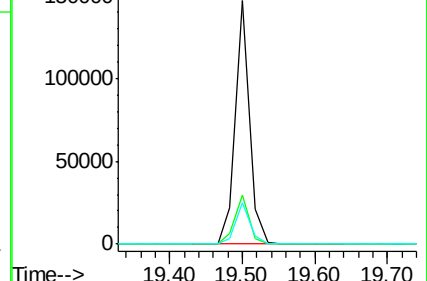
203 17.8 14.0 21.0

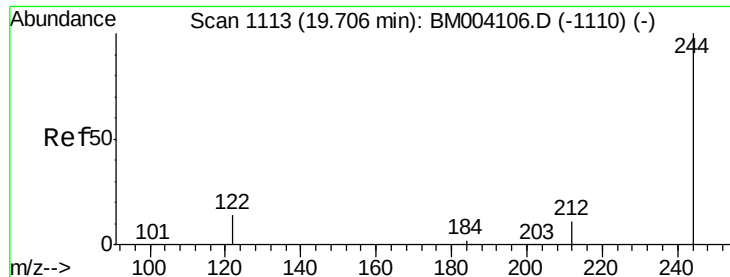


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.25 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

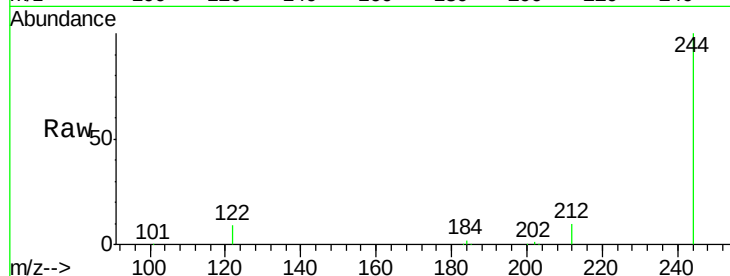
Tgt Ion:244 Resp: 87984

Ion Ratio Lower Upper

244 100

212 10.3 7.0 10.6

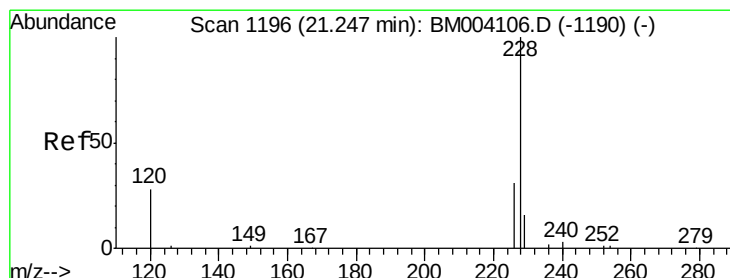
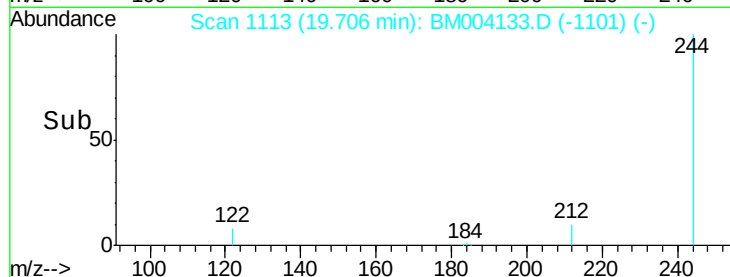
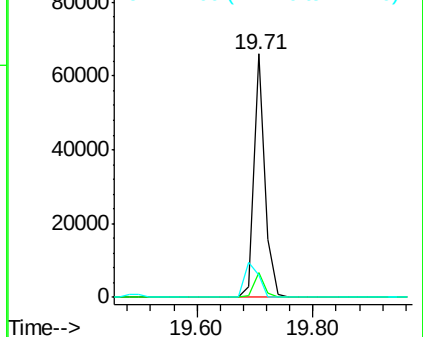
122 8.9 3.0 4.6#



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: 4.54 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

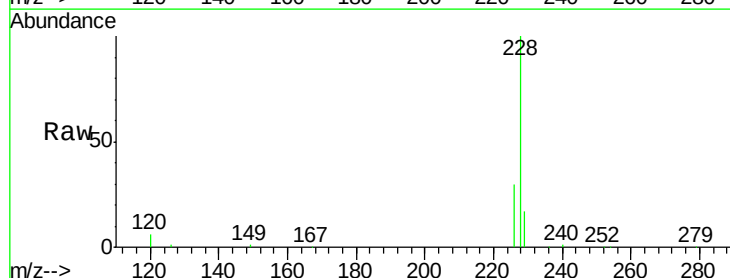
Tgt Ion:228 Resp: 216236

Ion Ratio Lower Upper

228 100

226 30.0 17.2 25.8#

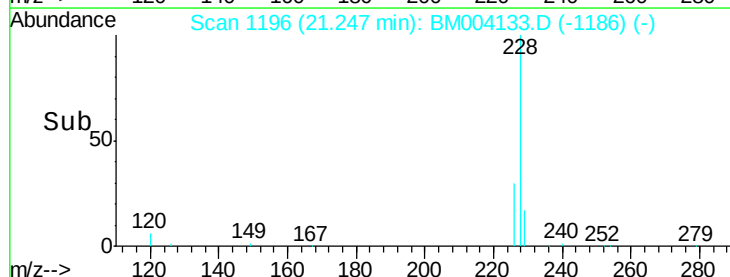
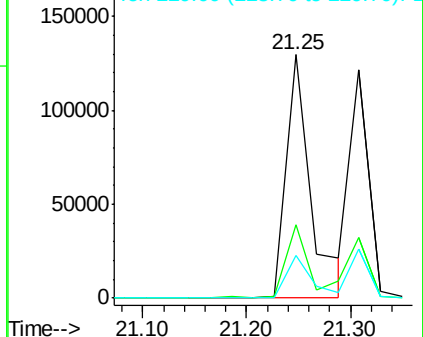
229 17.3 18.7 28.1#

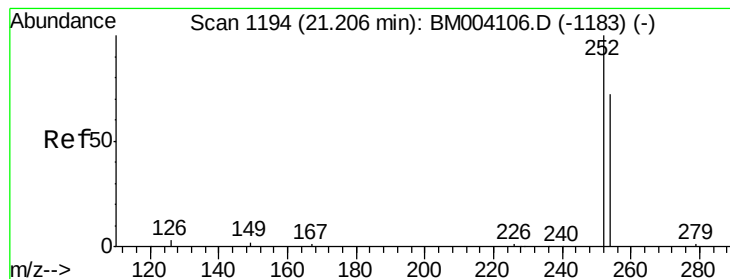


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

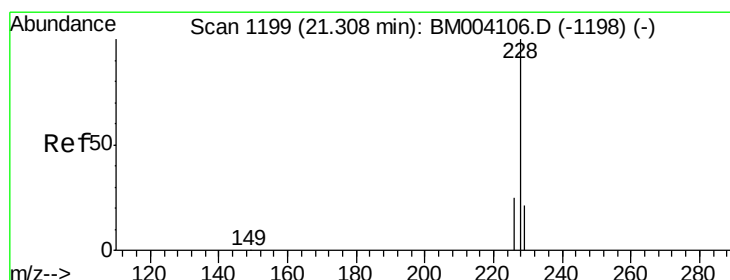
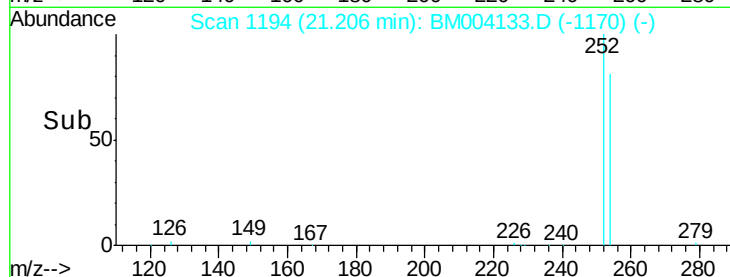
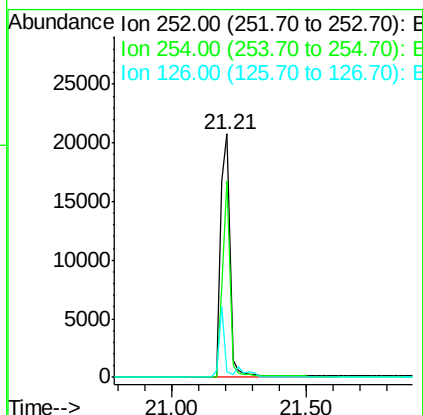
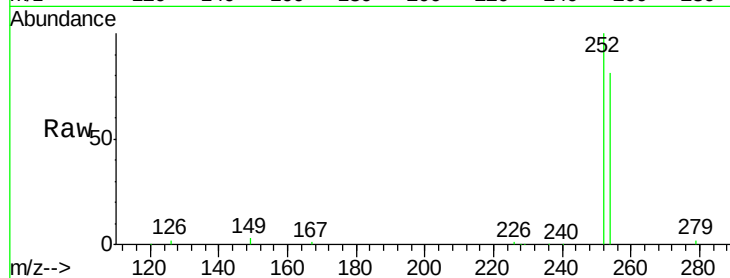




#31
 3,3'-Dichlorobenzidine
 Concen: 4.05 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM004133.D
 Acq: 27 Jan 2016 14:25

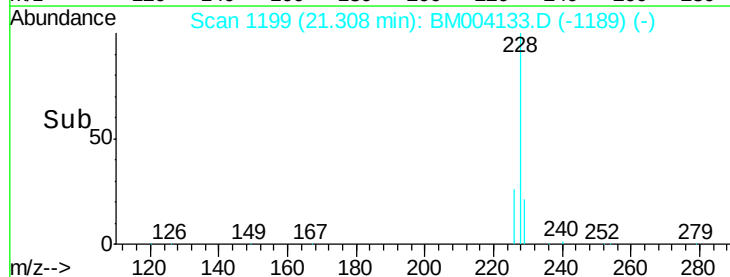
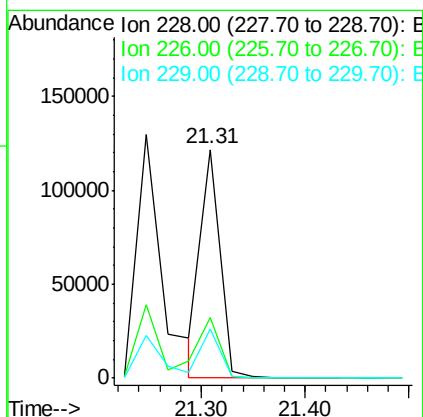
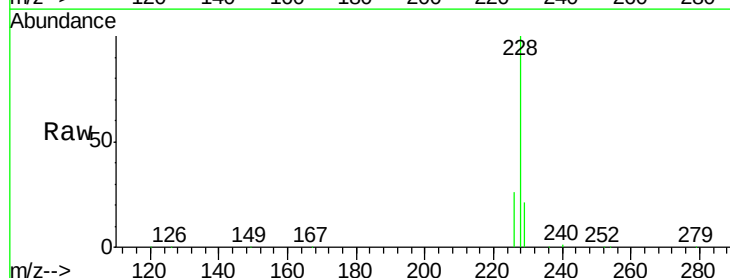
Instrument :
 BNA_M
 ClientSampleID :
 PB87989BSD

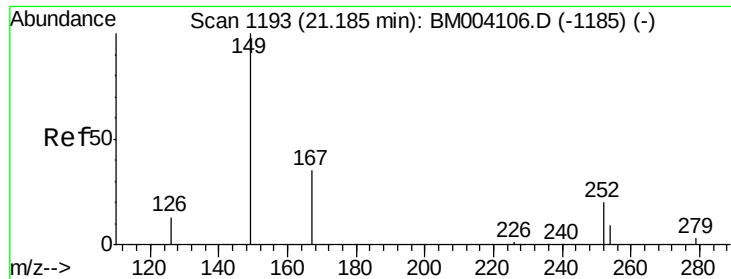
Tgt Ion: 252 Resp: 50241
 Ion Ratio Lower Upper
 252 100
 254 80.5 52.6 79.0#
 126 2.2 3.7 5.5#



#32
 Chrysene
 Concen: 3.78 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM004133.D
 Acq: 27 Jan 2016 14:25

Tgt Ion: 228 Resp: 155239
 Ion Ratio Lower Upper
 228 100
 226 26.3 25.3 37.9
 229 21.2 14.5 21.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 3.91 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

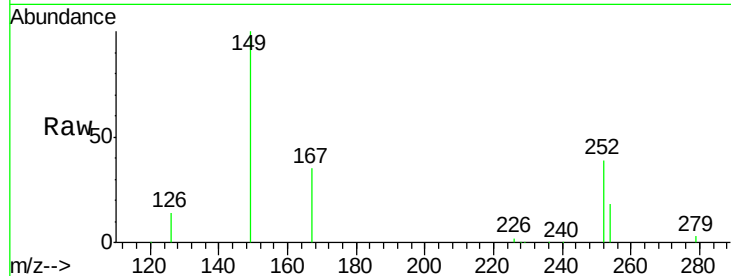
Tgt Ion:149 Resp: 81719

Ion Ratio Lower Upper

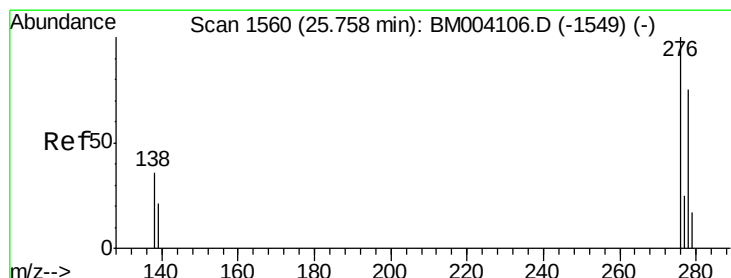
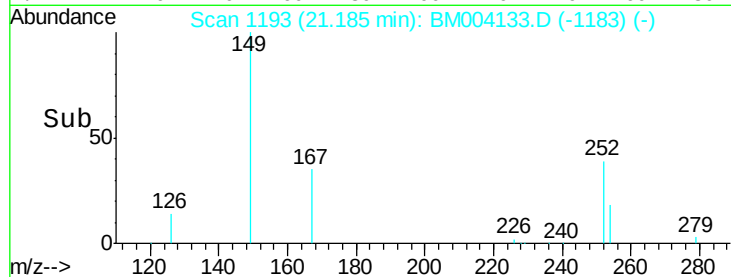
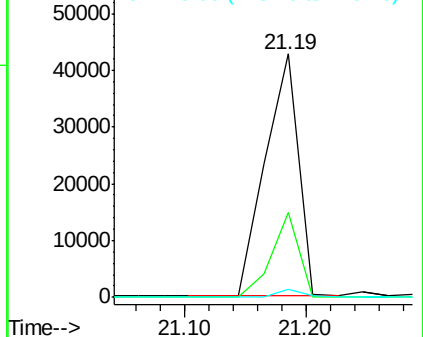
149 100

167 28.6 20.1 30.1

279 2.5 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: 3.66 ng

RT: 25.75 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

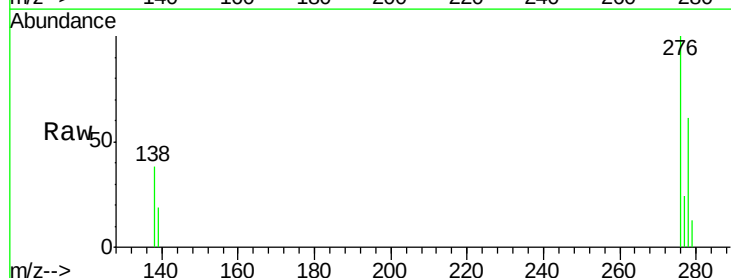
Tgt Ion:276 Resp: 178734

Ion Ratio Lower Upper

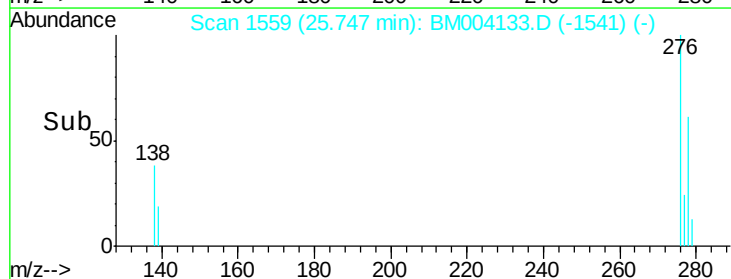
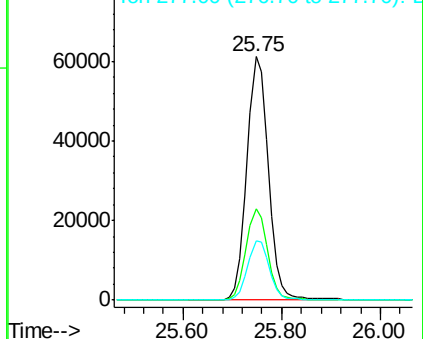
276 100

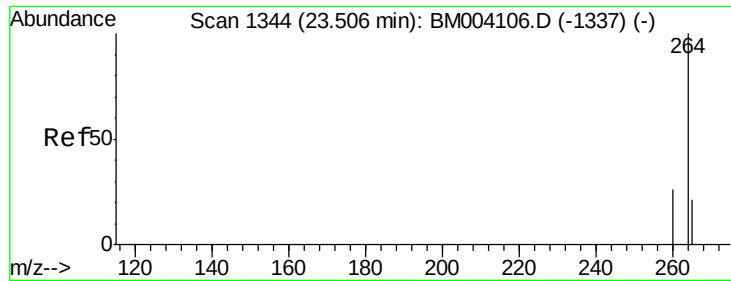
138 37.5 30.2 45.2

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

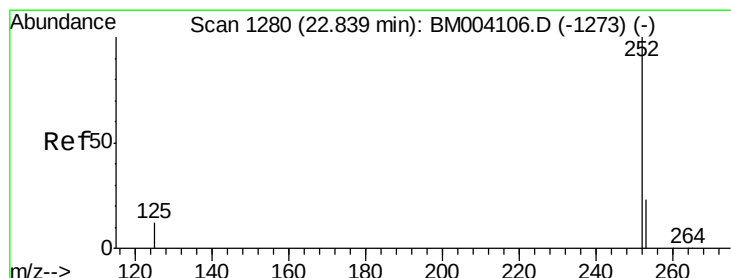
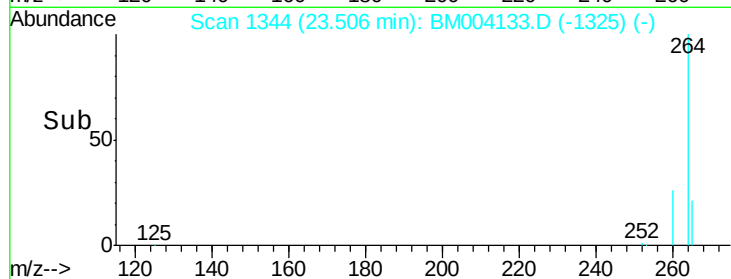
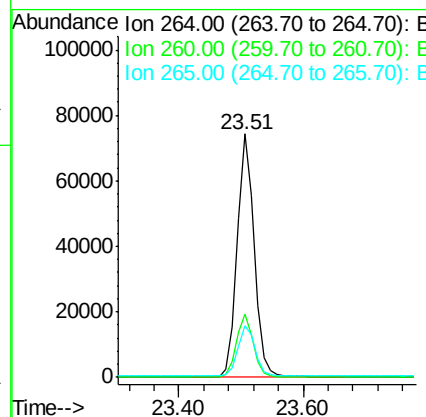
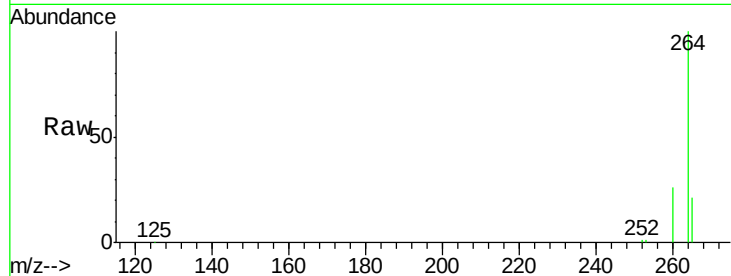




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BM004133.D
 Acq: 27 Jan 2016 14:25

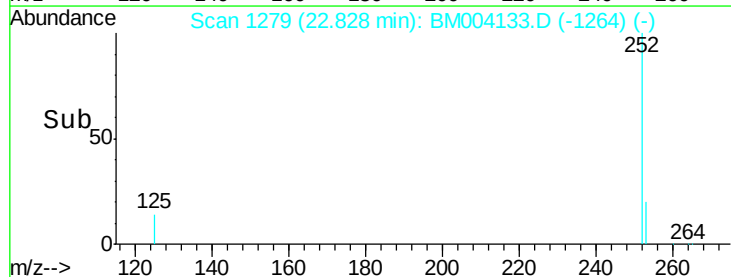
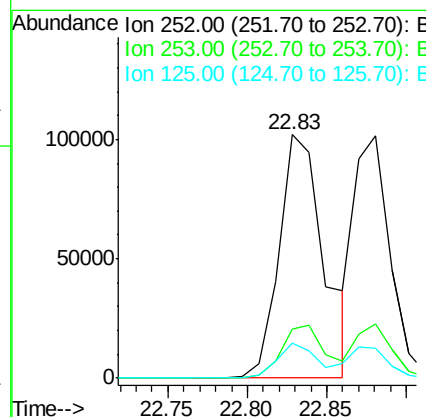
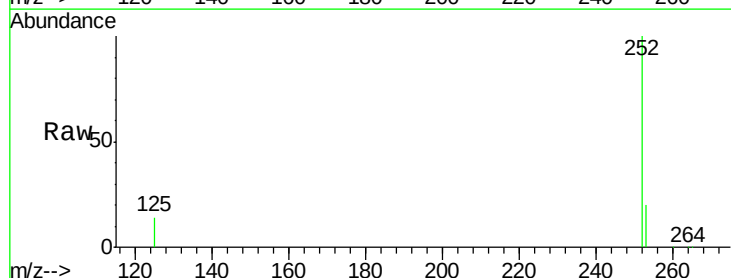
Instrument :
 BNA_M
 ClientSampleId :
 PB87989BSD

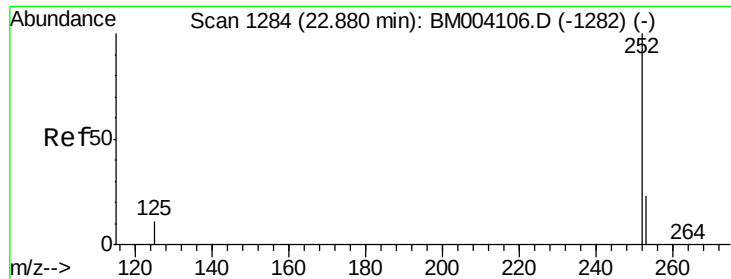
Tgt Ion: 264 Resp: 143631
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.2 31.8
 265 21.4 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 4.47 ng
 RT: 22.83 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BM004133.D
 Acq: 27 Jan 2016 14:25

Tgt Ion: 252 Resp: 198945
 Ion Ratio Lower Upper
 252 100
 253 20.3 18.8 28.2
 125 14.3 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 3.96 ng

RT: 22.88 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

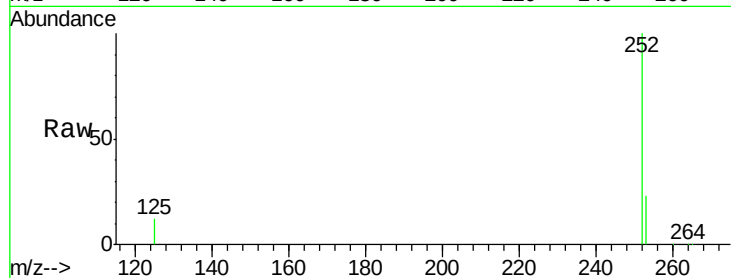
Tgt Ion:252 Resp: 159529

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

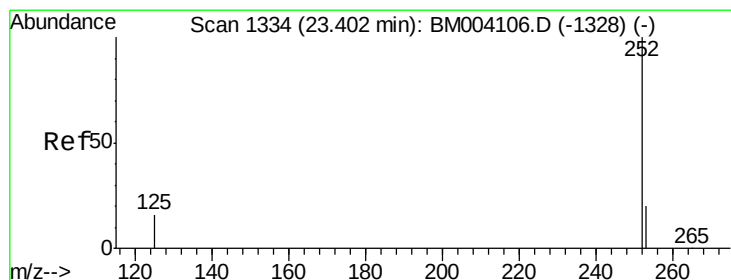
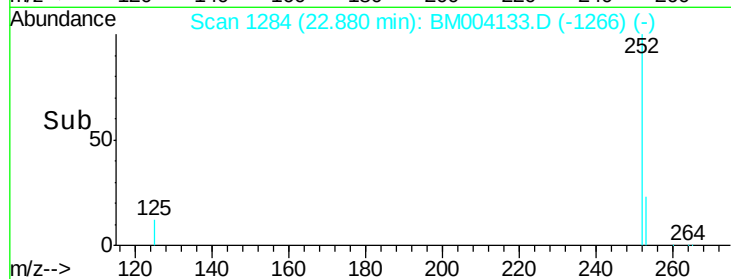
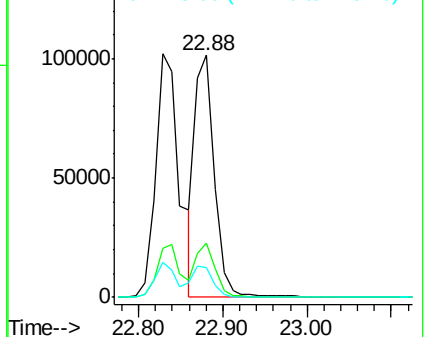
125 12.3 10.6 15.8



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: 4.31 ng

RT: 23.40 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

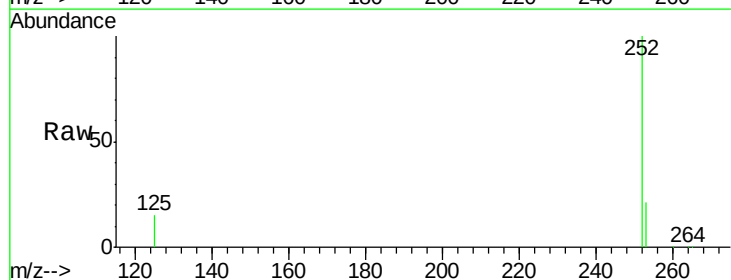
Tgt Ion:252 Resp: 169228

Ion Ratio Lower Upper

252 100

253 20.8 18.7 28.1

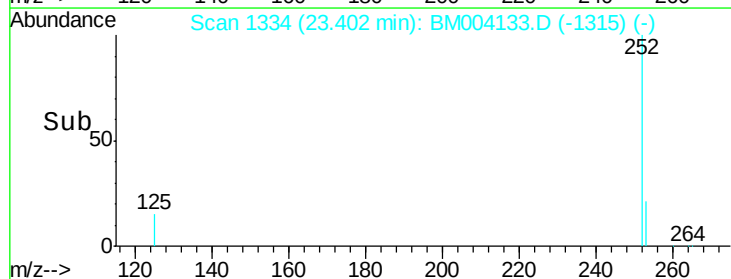
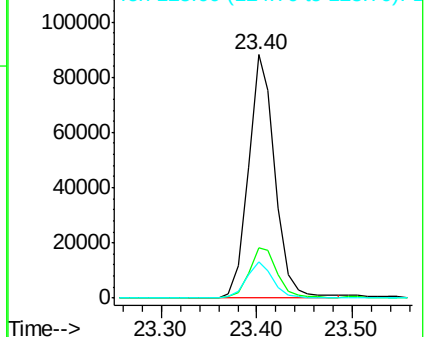
125 15.1 11.8 17.8

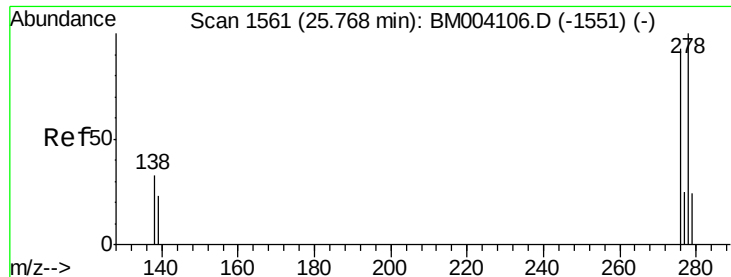


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.05 ng

RT: 25.76 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

Instrument :

BNA_M

ClientSampleId :

PB87989BSD

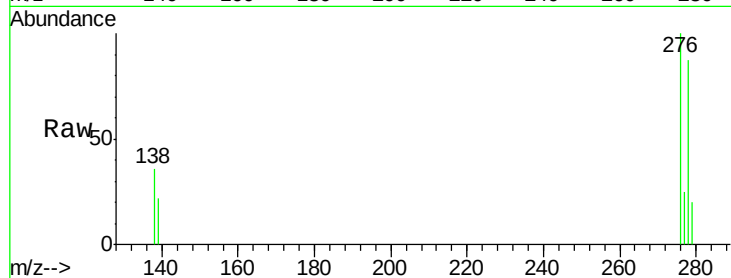
Tgt Ion: 278 Resp: 142682

Ion Ratio Lower Upper

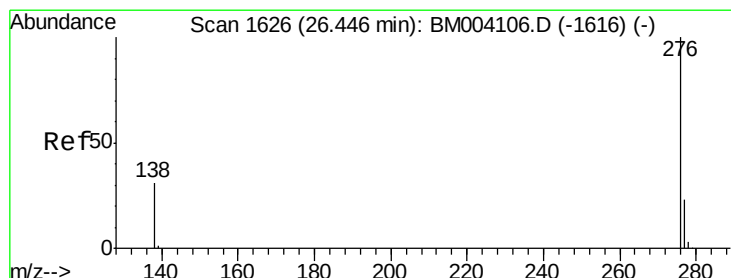
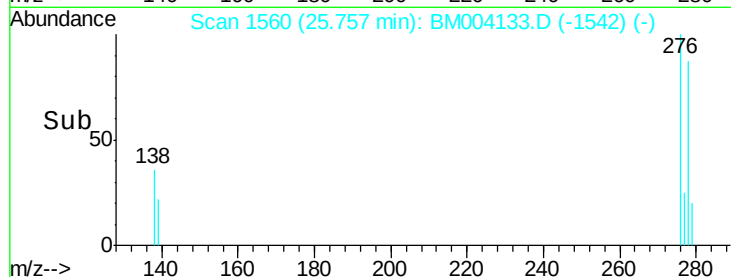
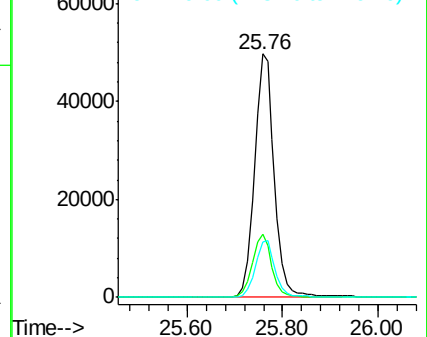
278 100

139 25.8 19.0 28.6

279 23.0 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: 3.94 ng

RT: 26.44 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BM004133.D

Acq: 27 Jan 2016 14:25

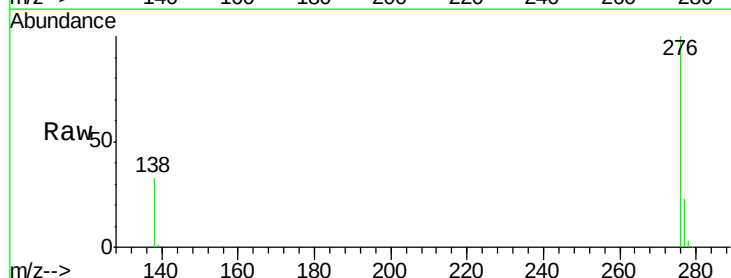
Tgt Ion: 276 Resp: 151728

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 32.8 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

