

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
 Data File : BM003920.D
 Acq On : 31 Dec 2015 18:40
 Operator : SJ/UM
 Sample : G4825-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jan 04 13:56:33 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 13:33:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	39545	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	156400	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	74909	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	175245	5.00	ng	0.00
26) Chrysene-d12	21.27	240	106363	5.00	ng	0.00
35) Perylene-d12	23.52	264	88294	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	68086	8.41	ng	0.00
5) Phenol-d6	6.85	99	83939	8.47	ng	0.00
8) Nitrobenzene-d5	8.84	82	31942	4.16	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	11946	5.39	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	113760	4.71	ng	0.00
29) Terphenyl-d14	19.71	244	74577	4.33	ng	-0.02

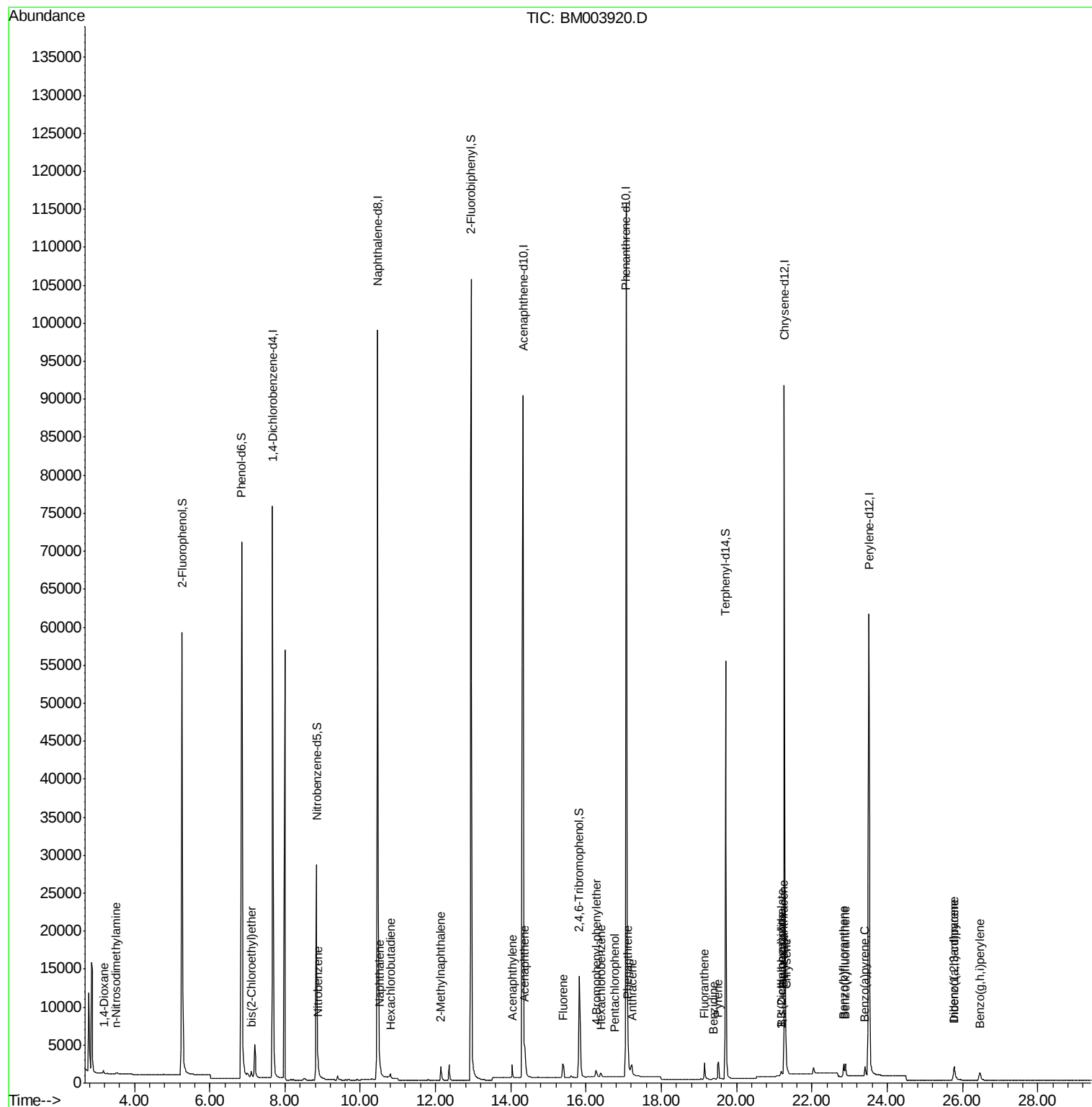
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	450	0.07	ng	# 85
3) n-Nitrosodimethylamine	3.51	42	276	0.07	ng	# 99
6) bis(2-Chloroethyl)ether	7.11	93	724	0.08	ng	# 95
9) Nitrobenzene	8.88	77	799	0.10	ng	# 94
10) Naphthalene	10.51	128	3187	0.09	ng	# 94
11) Hexachlorobutadiene	10.80	225	485	0.09	ng	# 98
12) 2-Methylnaphthalene	12.14	142	1978	0.09	ng	# 93
16) Acenaphthylene	14.04	152	2412	0.08	ng	# 98
17) Acenaphthene	14.37	154	2249	0.10	ng	# 94
18) Fluorene	15.39	166	2093	0.08	ng	# 14
20) 4-Bromophenyl-phenylether	16.27	248	563	0.10	ng	# 87
21) Hexachlorobenzene	16.40	284	581	0.10	ng	# 48
22) Pentachlorophenol	16.76	266	52	0.16	ng	# 72
23) Phenanthrene	17.11	178	3567	0.03	ng	# 95
24) Anthracene	17.22	178	2504	0.07	ng	# 98
25) Fluoranthene	19.14	202	3199	0.08	ng	# 99
27) Benzdine	19.38	184	231	0.15	ng	# 1
28) Pyrene	19.52	202	3277	0.09	ng	# 99
30) Benzo(a)anthracene	21.25	228	2935m	0.10	ng	# 92
31) 3,3'-Dichlorobenzidine	21.21	252	498	0.29	ng	# 92
32) Chrysene	21.31	228	3184m	0.10	ng	# 94
33) Bis(2-ethylhexyl)phthalate	21.19	149	1085	0.40	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.78	276	2397	0.11	ng	# 77
36) Benzo(b)fluoranthene	22.84	252	2607	0.10	ng	# 75
37) Benzo(k)fluoranthene	22.89	252	2238	0.09	ng	# 70
38) Benzo(a)pyrene	23.41	252	1979	0.09	ng	# 75
39) Dibenzo(a,h)anthracene	25.79	278	1910	0.10	ng	# 85
40) Benzo(g,h,i)perylene	26.47	276	2252	0.11	ng	# 85

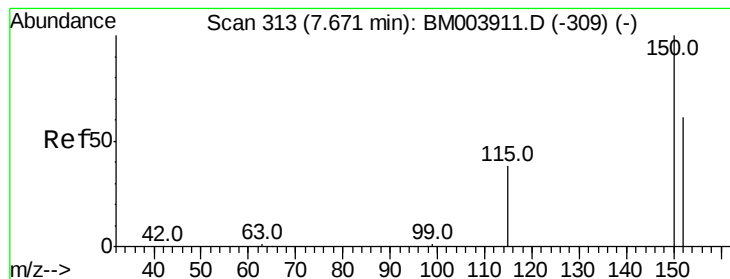
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

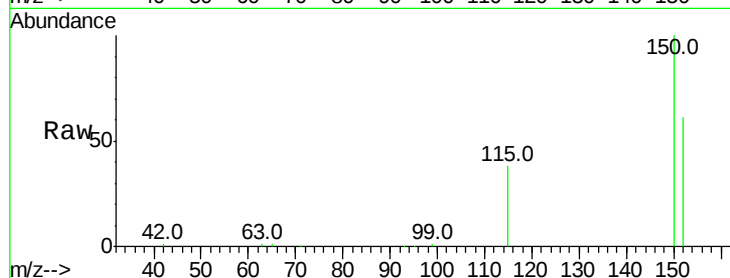
Tot Ion:152 Resp: 39545

Ion Ratio Lower Upper

152 100

150 164.7 122.9 184.3

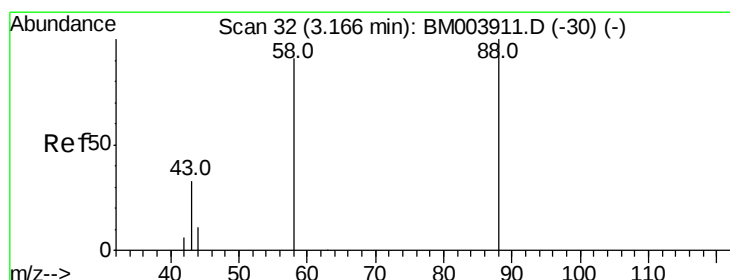
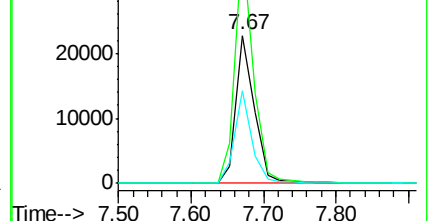
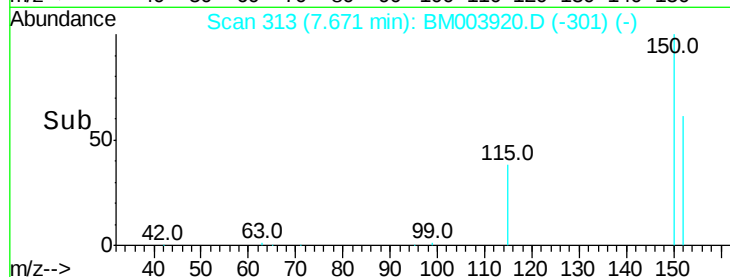
115 62.5 44.4 66.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.07 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.02 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

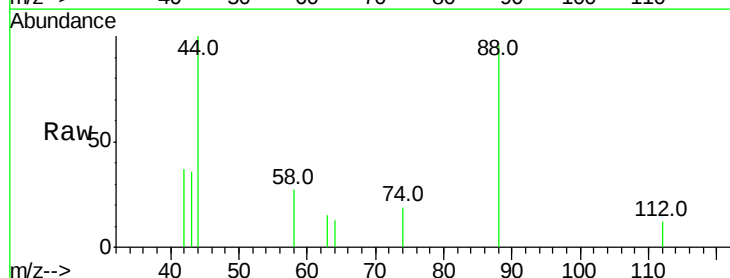
Tgt Ion: 88 Resp: 450

Ion Ratio Lower Upper

88 100

58 52.4 53.8 80.6#

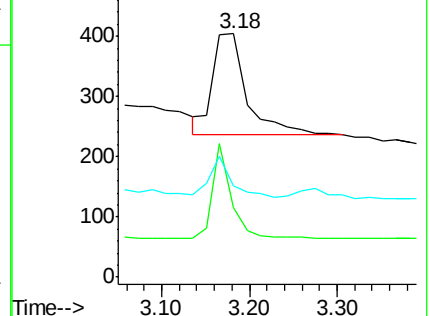
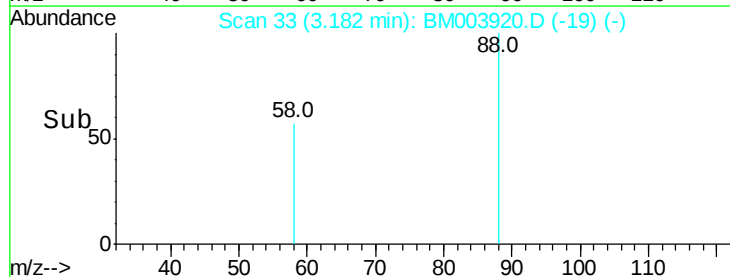
43 26.0 23.8 35.6

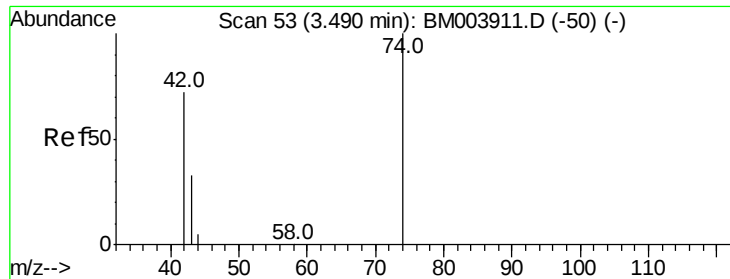


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 3.51 min Scan# 54

Delta R.T. 0.02 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

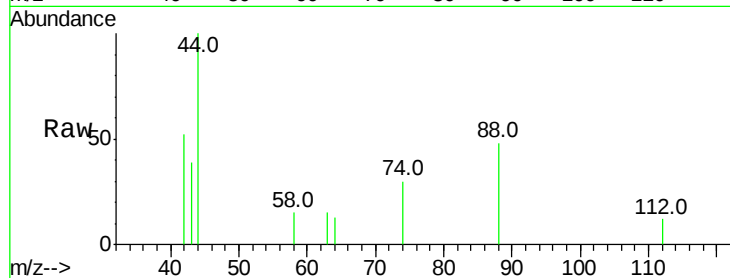
Tot Ion: 42 Resp: 276

Ion Ratio Lower Upper

42 100

74 118.1 95.0 142.4

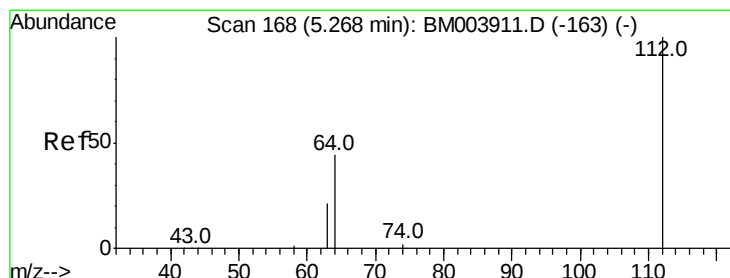
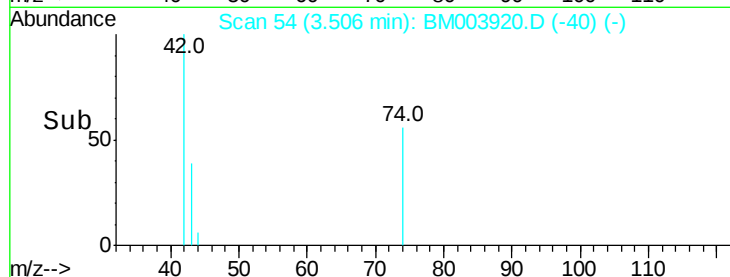
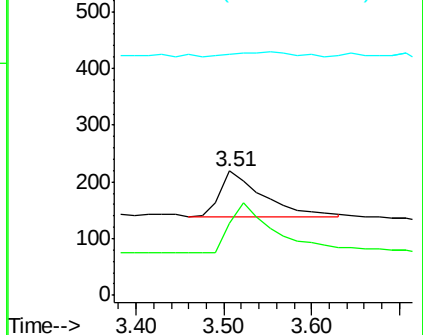
44 0.0 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BM003911.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM003911.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM003911.D (-50) (-)



#4

2-Fluorophenol

Concen: 8.41 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

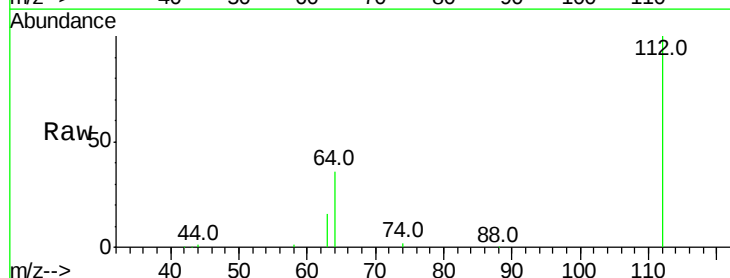
Tgt Ion: 112 Resp: 68086

Ion Ratio Lower Upper

112 100

64 52.7 41.8 62.8

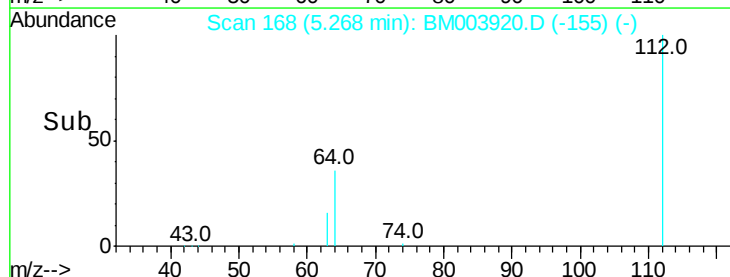
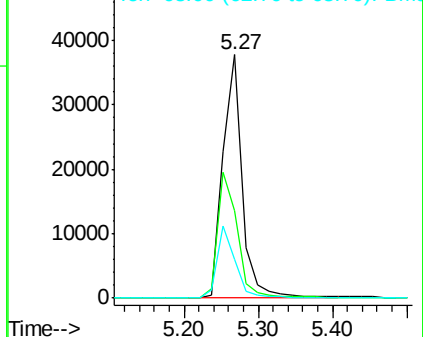
63 27.8 22.1 33.1

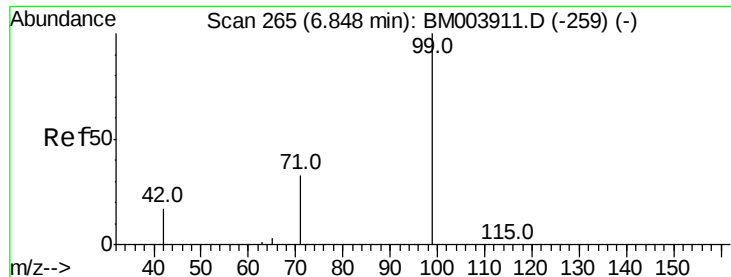


Abundance Ion 112.00 (111.70 to 112.70): BM003911.D (-163) (-)

Ion 64.00 (63.70 to 64.70): BM003911.D (-163) (-)

Ion 63.00 (62.70 to 63.70): BM003911.D (-163) (-)





#5

Phenol-d6

Concen: 8.47 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

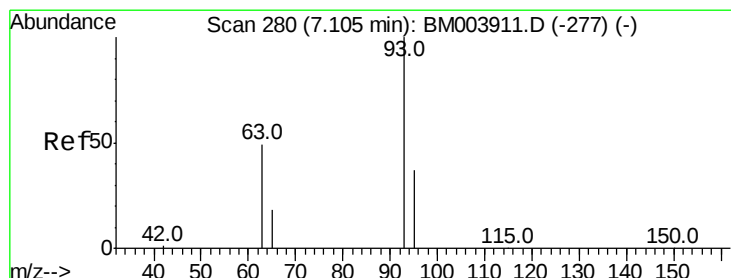
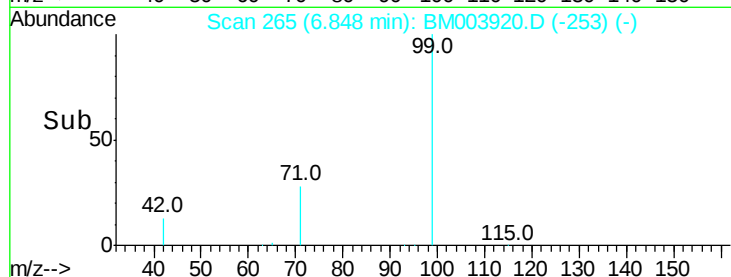
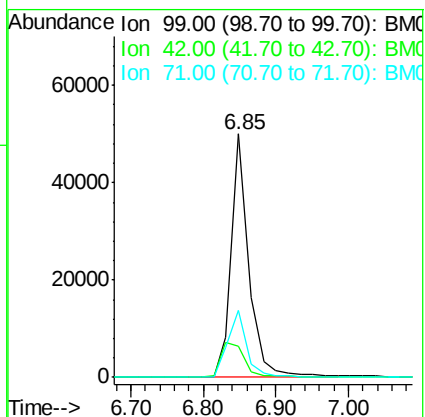
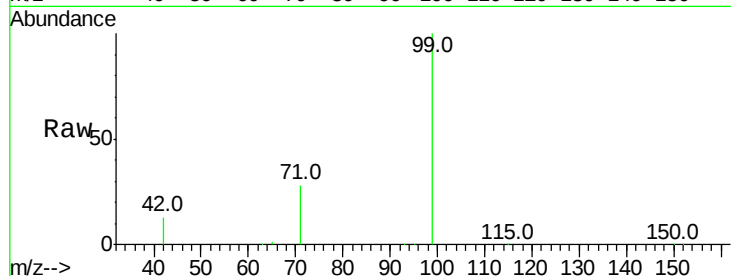
Tot Ion: 99 Resp: 83939

Ion Ratio Lower Upper

99 100

42 19.1 16.2 24.2

71 30.1 24.4 36.6



#6

bis(2-Chloroethyl)ether

Concen: 0.08 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

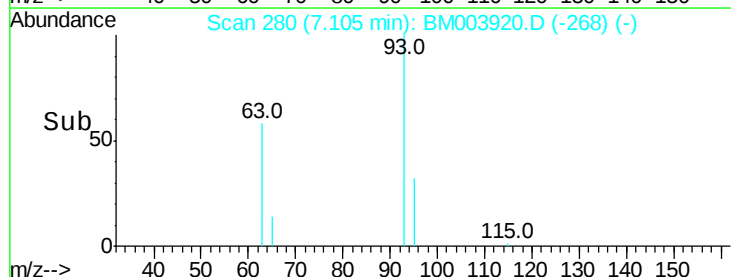
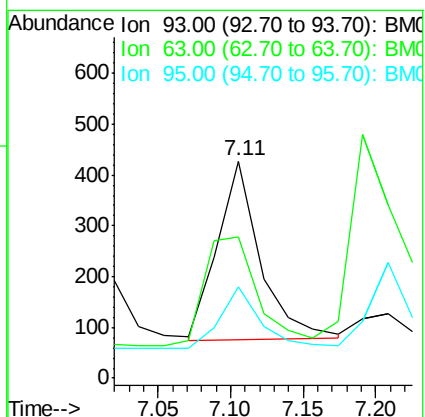
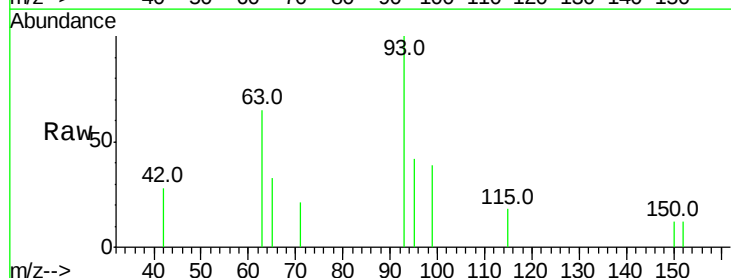
Tgt Ion: 93 Resp: 724

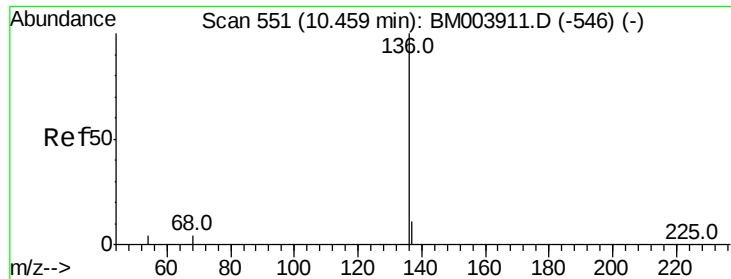
Ion Ratio Lower Upper

93 100

63 77.8 58.3 87.5

95 34.4 25.8 38.8





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

Tot Ion:136 Resp: 156400

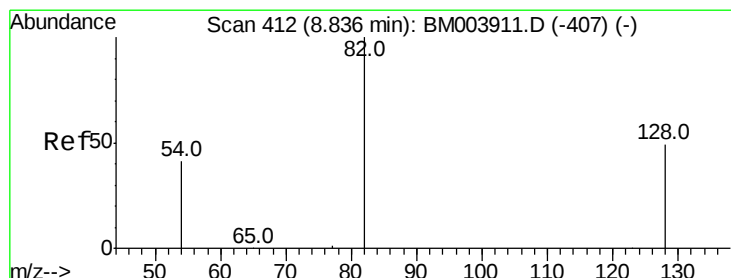
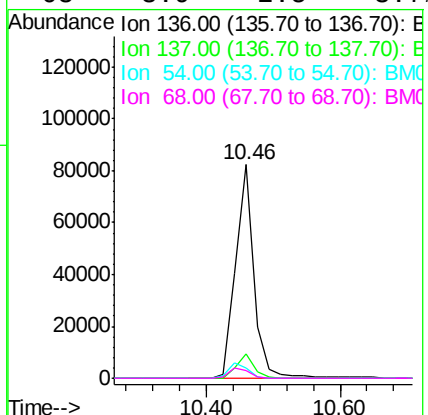
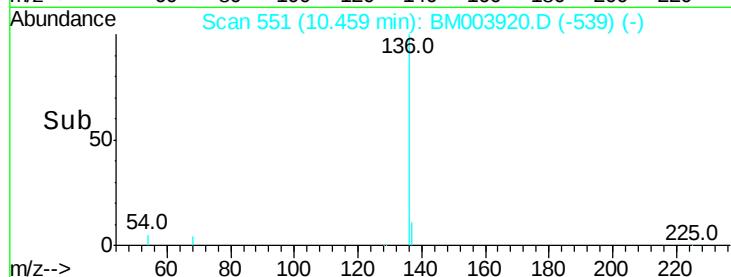
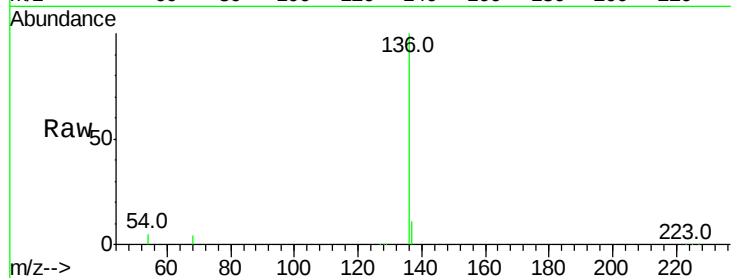
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 4.8 2.8 4.2#

68 3.9 2.5 3.7#



#8

Nitrobenzene-d5

Concen: 4.16 ng

RT: 8.84 min Scan# 412

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

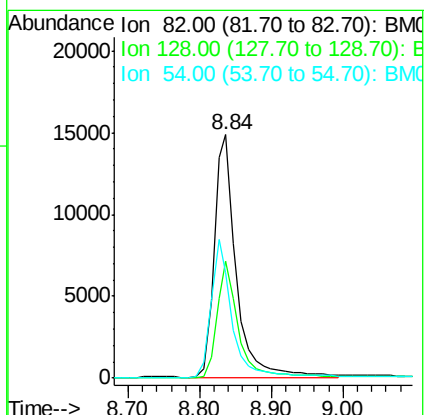
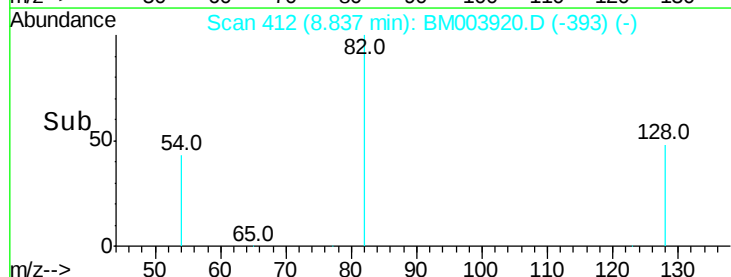
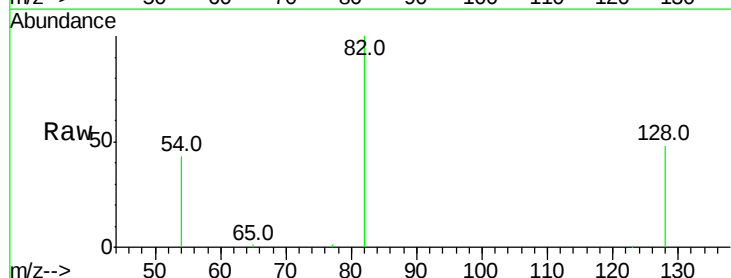
Tgt Ion: 82 Resp: 31942

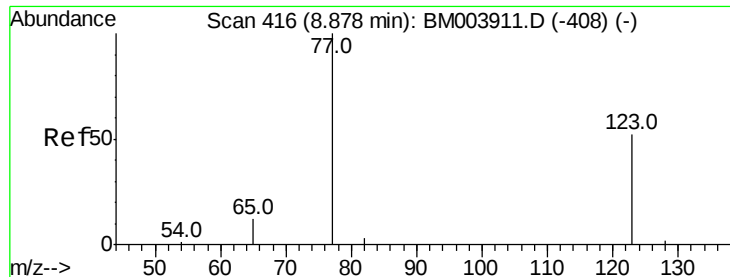
Ion Ratio Lower Upper

82 100

128 48.3 39.1 58.7

54 43.1 34.8 52.2





#9

Nitrobenzene

Concen: 0.10 ng

RT: 8.88 min Scan# 416

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

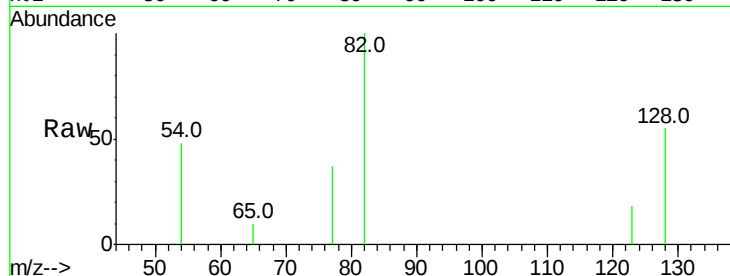
Tot Ion: 77 Resp: 799

Ion Ratio Lower Upper

77 100

123 45.2 38.6 57.8

65 17.0 9.9 14.9#



Abundance Ion 77.00 (76.70 to 77.70): BM003911.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM003911.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM003911.D (-408) (-)

8.88

400

300

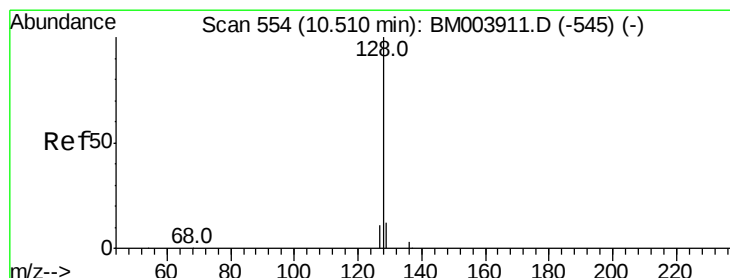
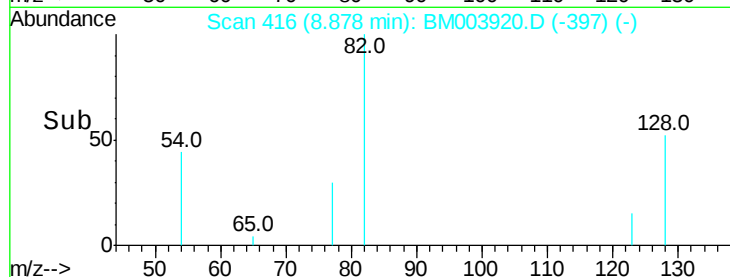
200

100

0

8.70 8.80 8.90 9.00 9.10

Time-->



#10

Naphthalene

Concen: 0.09 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

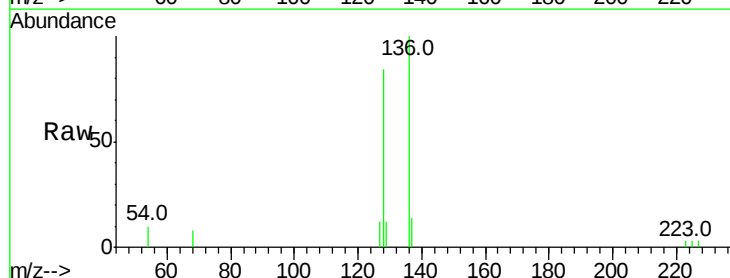
Tgt Ion: 128 Resp: 3187

Ion Ratio Lower Upper

128 100

129 14.7 8.5 12.7#

127 14.7 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): BM003911.D (-545) (-)

Ion 129.00 (128.70 to 129.70): BM003911.D (-545) (-)

Ion 127.00 (126.70 to 127.70): BM003911.D (-545) (-)

10.51

2000

1500

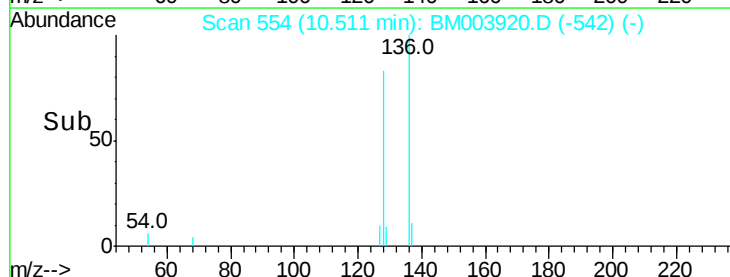
1000

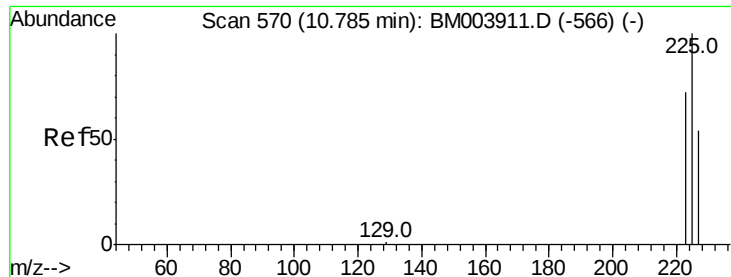
500

0

10.20 10.40 10.60

Time-->

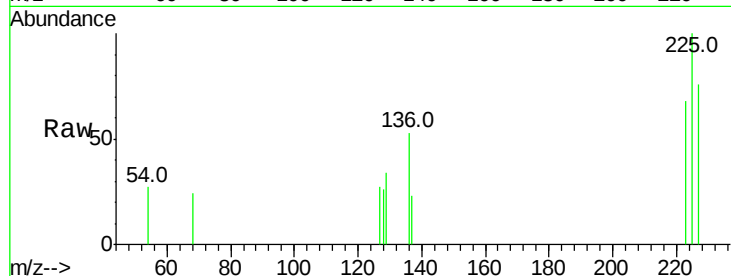




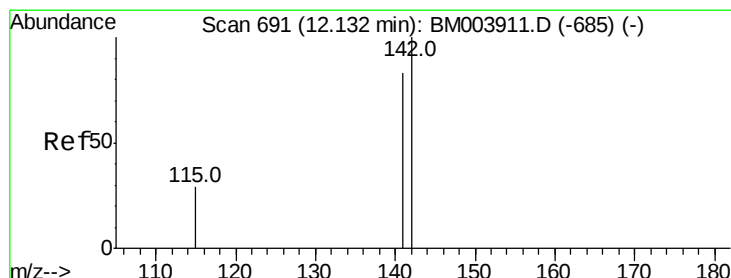
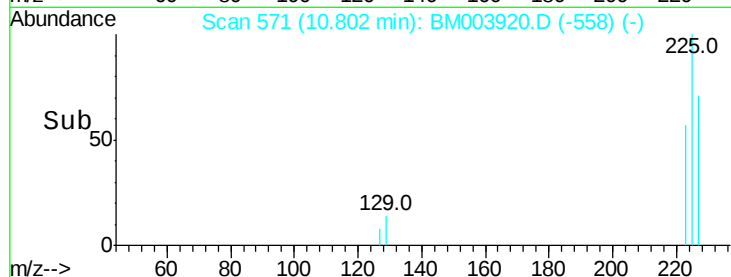
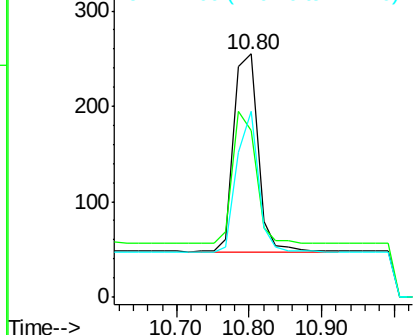
#11
Hexachlorobutadiene
Concen: 0.09 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.02 min
Lab File: BM003920.D
Acq: 31 Dec 2015 18:40

Instrument :
BNA_M
ClientSampleId :
LOD-WATER2016-01

Tot Ion:225 Resp: 485
Ion Ratio Lower Upper
225 100
223 62.3 50.9 76.3
227 61.6 51.2 76.8

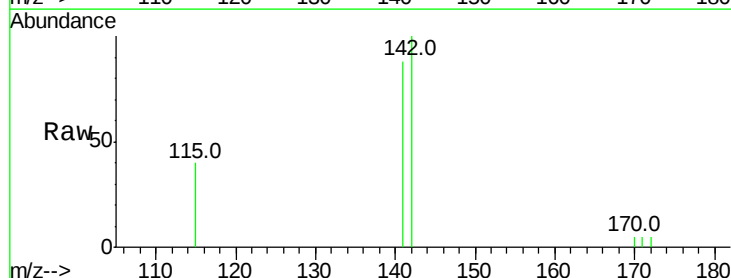


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

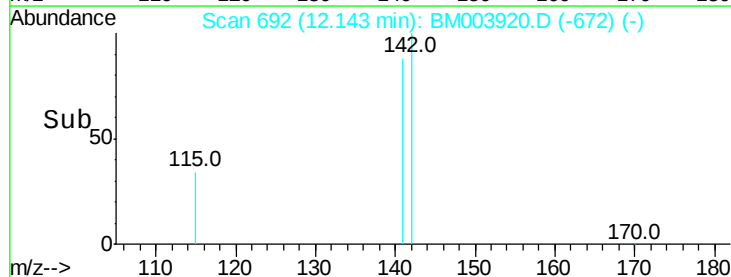
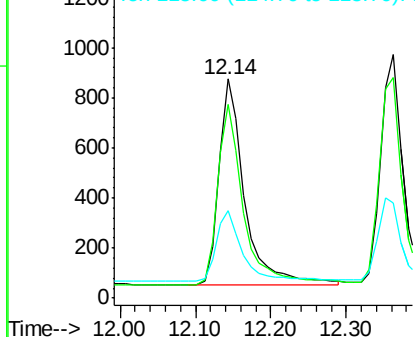


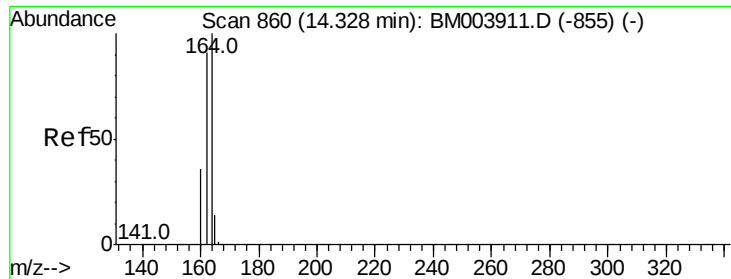
#12
2-Methylnaphthalene
Concen: 0.09 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.01 min
Lab File: BM003920.D
Acq: 31 Dec 2015 18:40

Tgt Ion:142 Resp: 1978
Ion Ratio Lower Upper
142 100
141 88.3 67.8 101.8
115 39.7 25.3 37.9#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

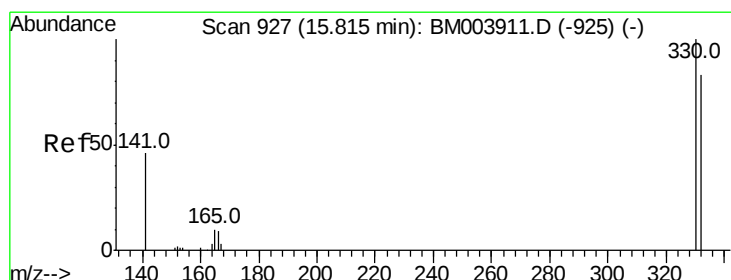
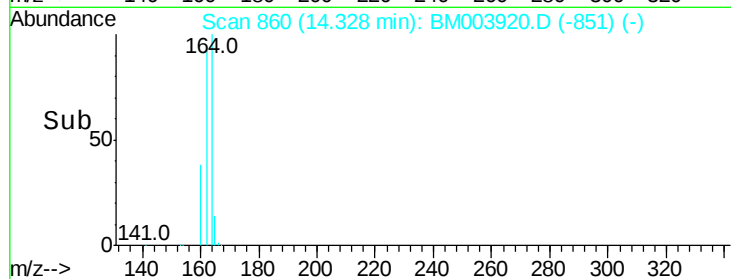
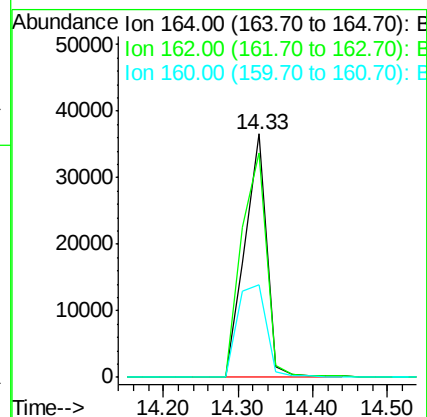
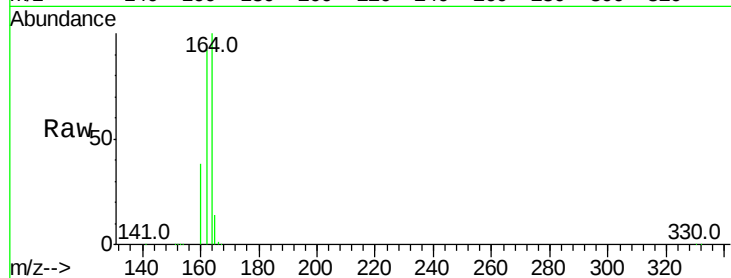
Tot Ion:164 Resp: 74909

Ion Ratio Lower Upper

164 100

162 92.4 86.0 129.0

160 38.2 40.3 60.5#



#14

2,4,6-Tribromophenol

Concen: 5.39 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

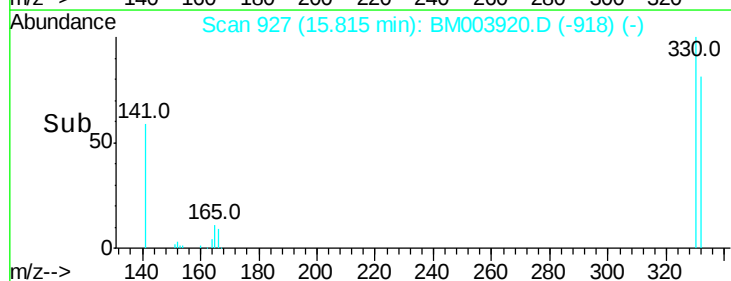
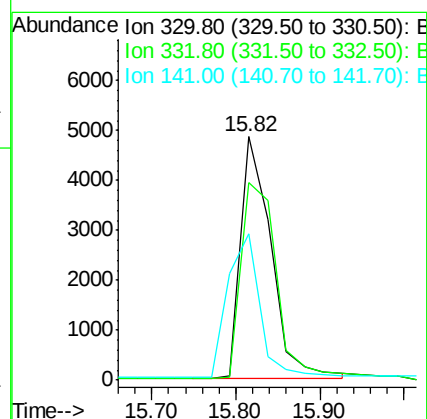
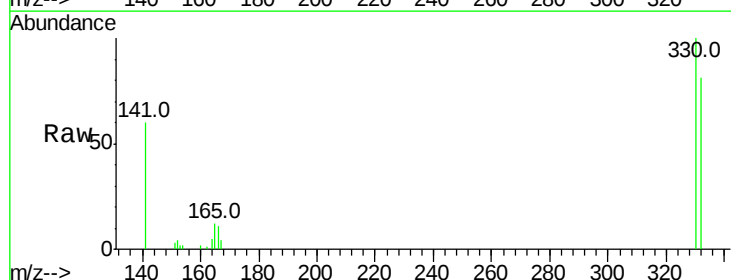
Tgt Ion:330 Resp: 11946

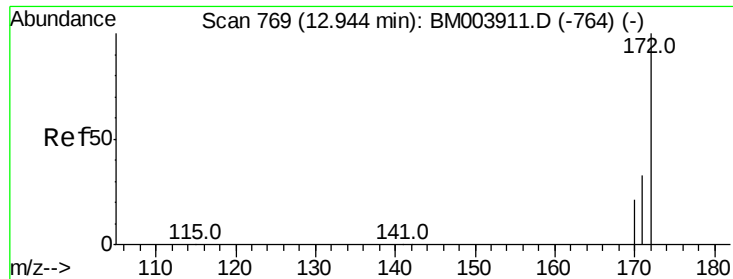
Ion Ratio Lower Upper

330 100

332 94.5 79.0 118.4

141 64.0 0.0 0.0#

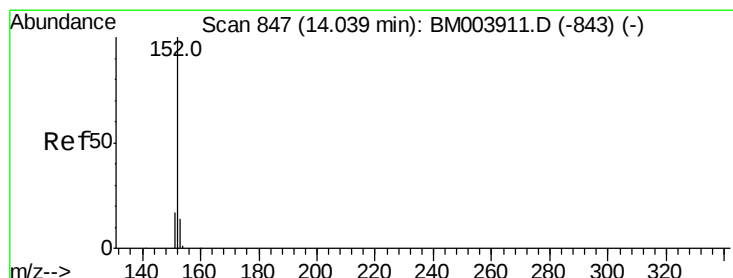
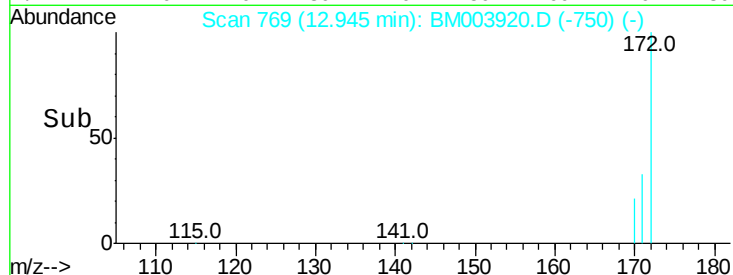
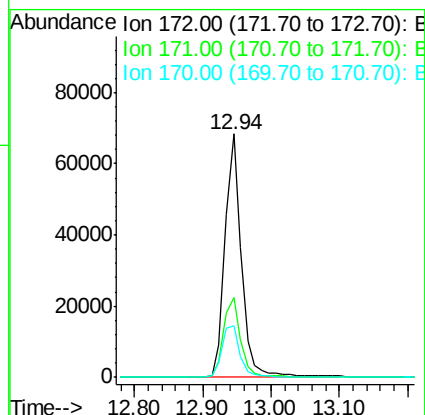
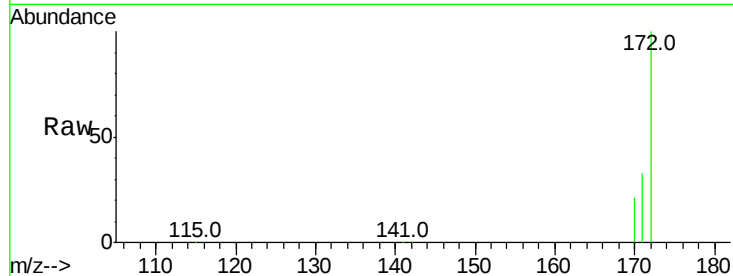




#15
2-Fluorobiphenyl
Concen: 4.71 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003920.D
Acq: 31 Dec 2015 18:40

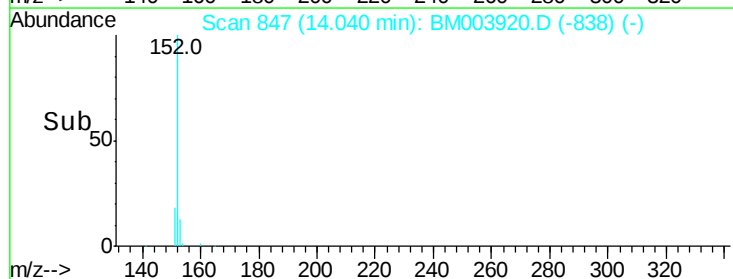
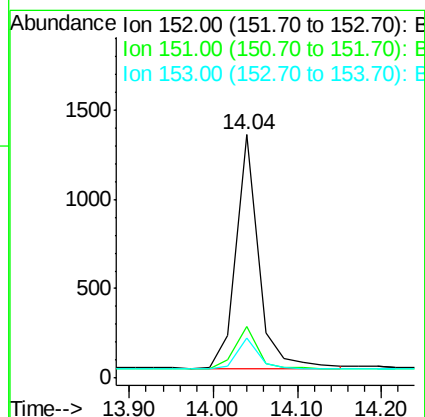
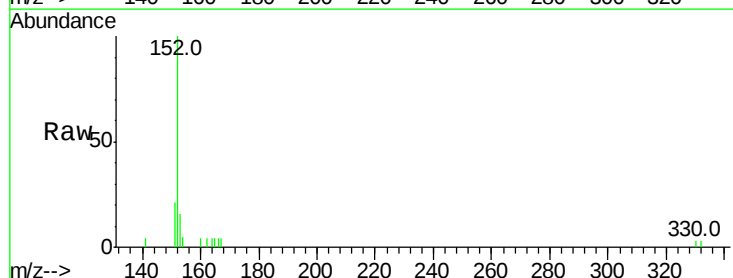
Instrument :
BNA_M
ClientSampleId :
LOD-WATER2016-01

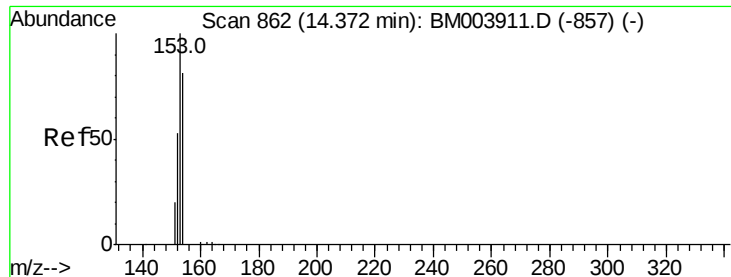
Tot Ion:172 Resp: 113760
Ion Ratio Lower Upper
172 100
171 33.0 27.0 40.6
170 21.1 17.9 26.9



#16
Acenaphthylene
Concen: 0.08 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003920.D
Acq: 31 Dec 2015 18:40

Tgt Ion:152 Resp: 2412
Ion Ratio Lower Upper
152 100
151 18.7 15.8 23.8
153 12.6 10.2 15.4





#17

Acenaphthene

Concen: 0.10 ng

RT: 14.37 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

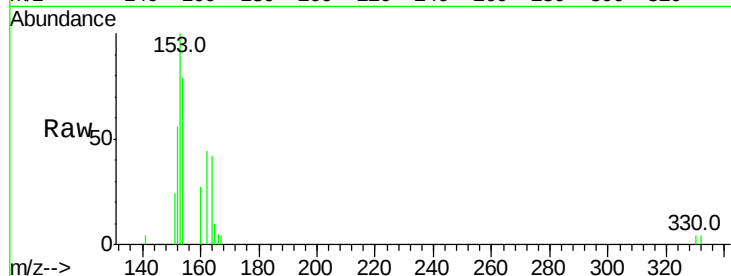
Tot Ion:154 Resp: 2249

Ion Ratio Lower Upper

154 100

153 99.2 85.4 128.2

152 48.1 40.6 60.8



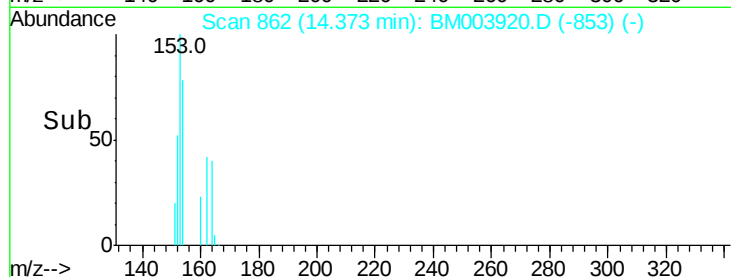
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

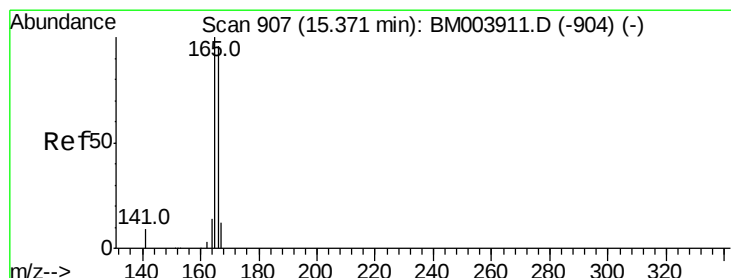
14.37

Time-->



14.37

Time-->



#18

Fluorene

Concen: 0.08 ng

RT: 15.39 min Scan# 908

Delta R.T. 0.02 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

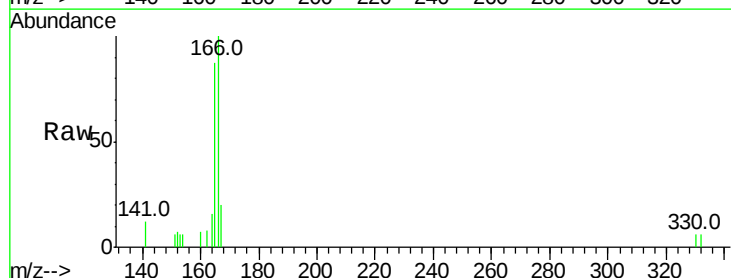
Tgt Ion:166 Resp: 2093

Ion Ratio Lower Upper

166 100

165 0.0 77.2 115.8#

167 13.3 11.0 16.6



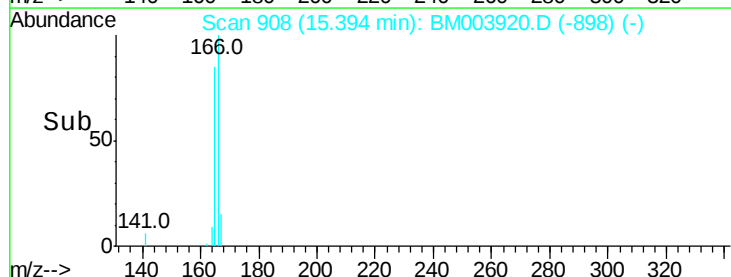
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

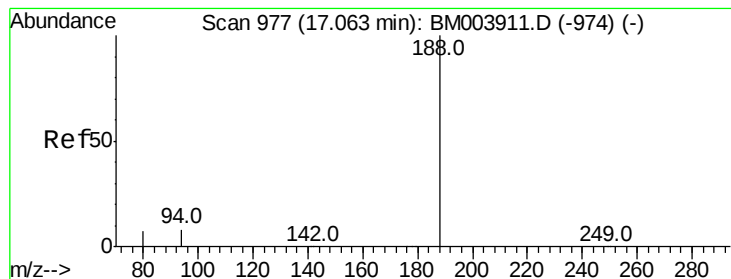
15.39

Time-->



15.39

Time-->



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

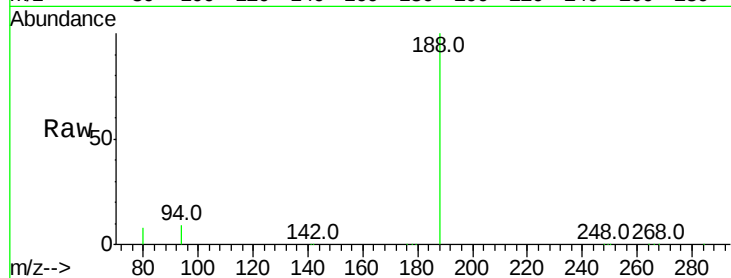
Tot Ion:188 Resp: 175245

Ion Ratio Lower Upper

188 100

94 8.7 20.3 30.5#

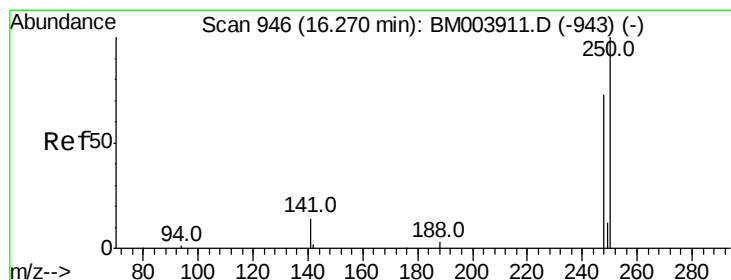
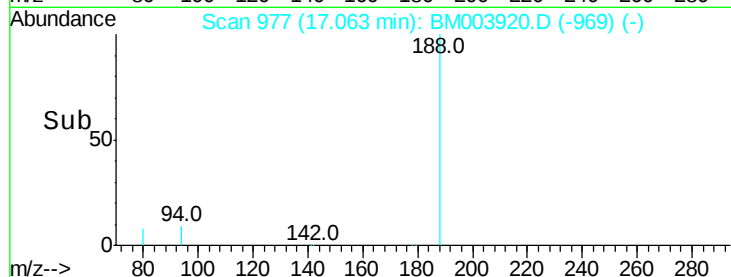
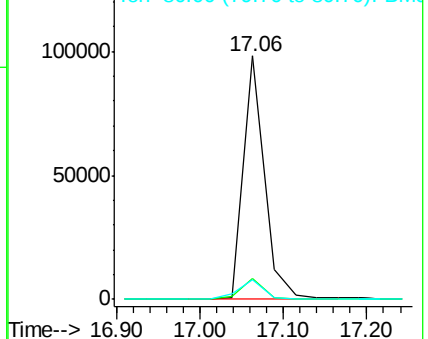
80 8.2 22.2 33.4#



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: 0.10 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

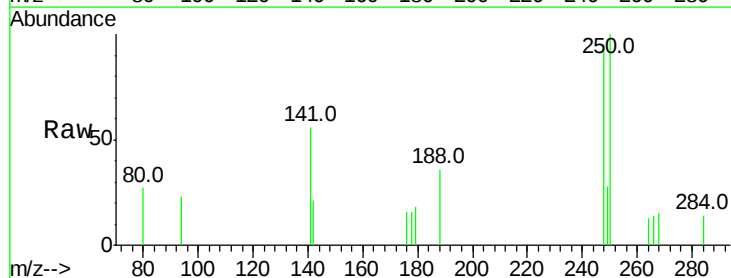
Tgt Ion:248 Resp: 563

Ion Ratio Lower Upper

248 100

250 103.0 75.0 112.4

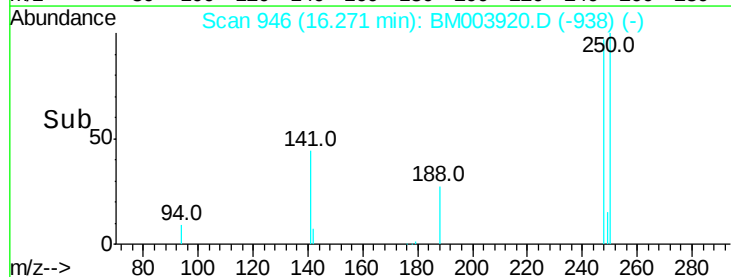
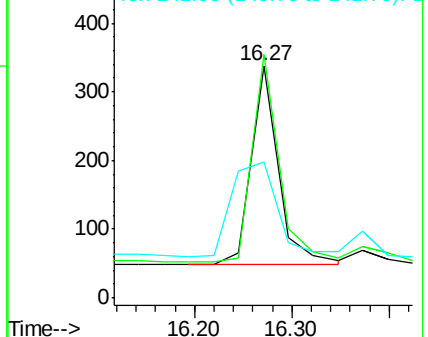
141 79.6 53.0 79.4#

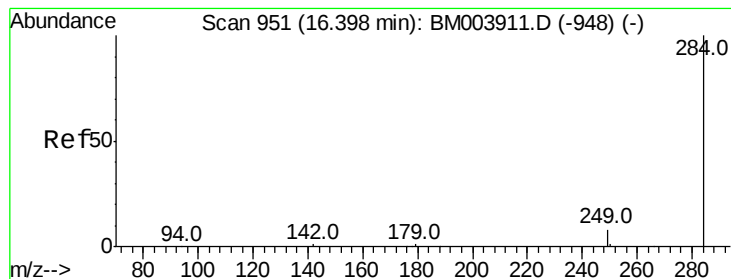


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.10 ng

RT: 16.40 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

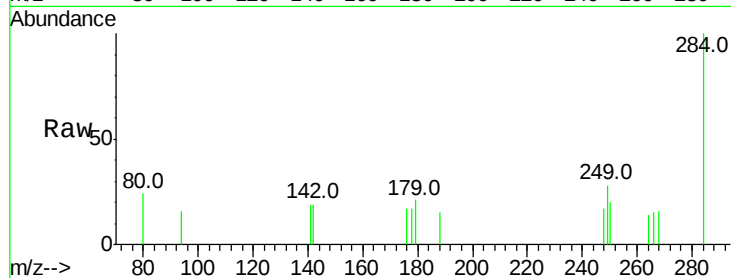
Tot Ion:284 Resp: 581

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

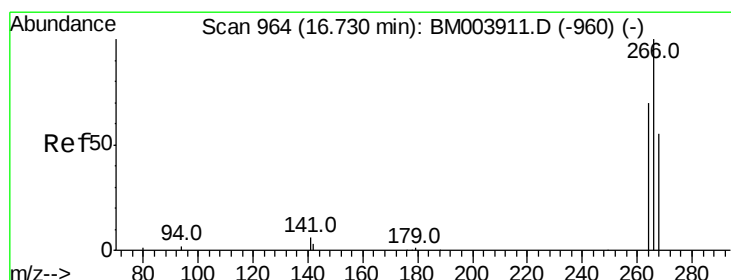
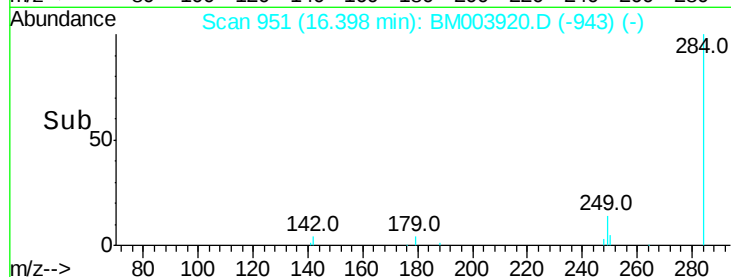
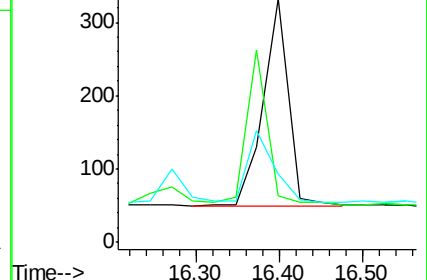
249 0.0 21.5 32.3#



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: 0.16 ng

RT: 16.76 min Scan# 965

Delta R.T. 0.03 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

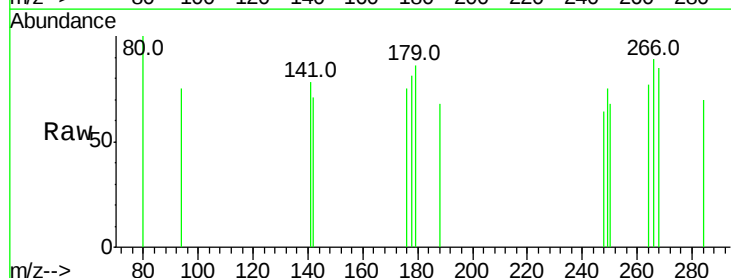
Tgt Ion:266 Resp: 52

Ion Ratio Lower Upper

266 100

268 95.4 62.7 94.1#

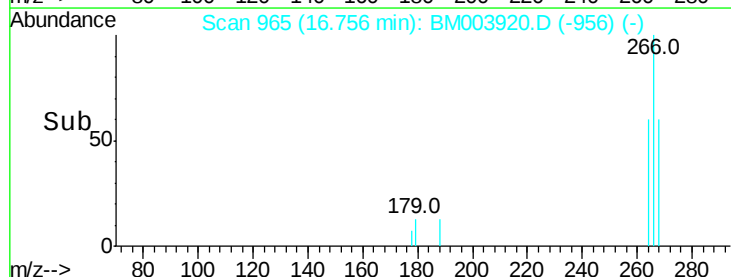
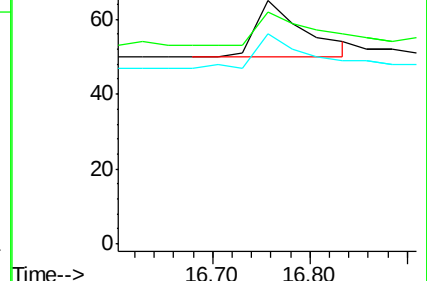
264 86.2 45.7 68.5#

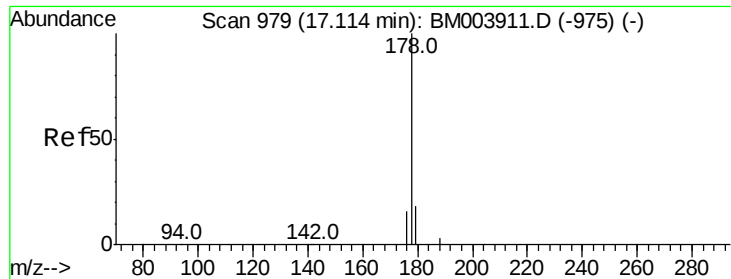


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.03 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

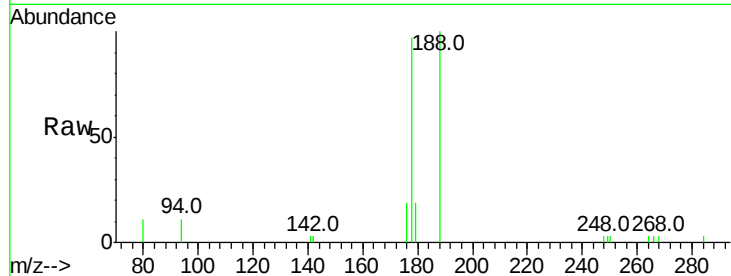
Tot Ion:178 Resp: 3567

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

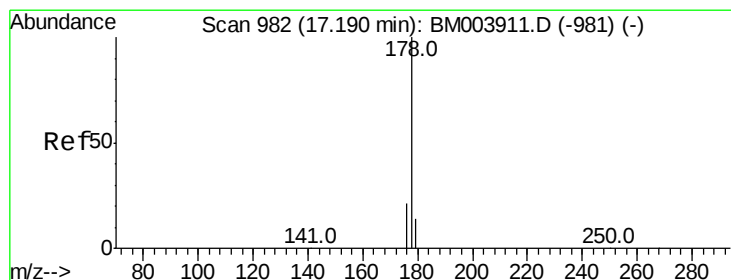
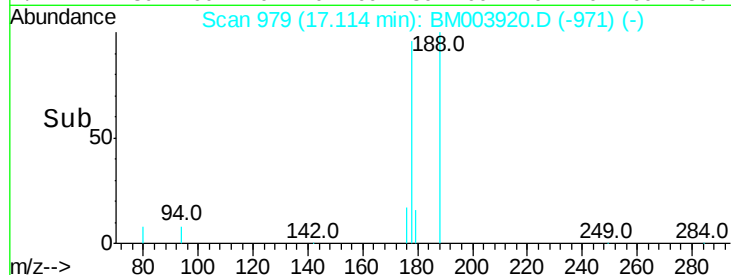
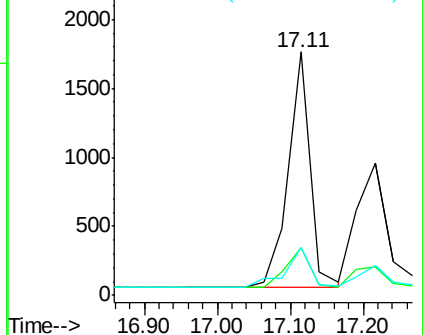
179 19.3 12.2 18.4#



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: 0.07 ng

RT: 17.22 min Scan# 983

Delta R.T. 0.03 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

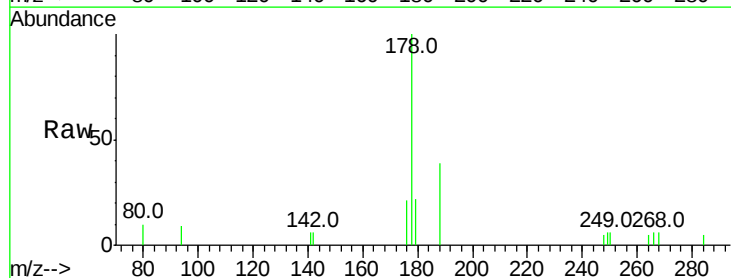
Tgt Ion:178 Resp: 2504

Ion Ratio Lower Upper

178 100

176 19.3 14.6 21.8

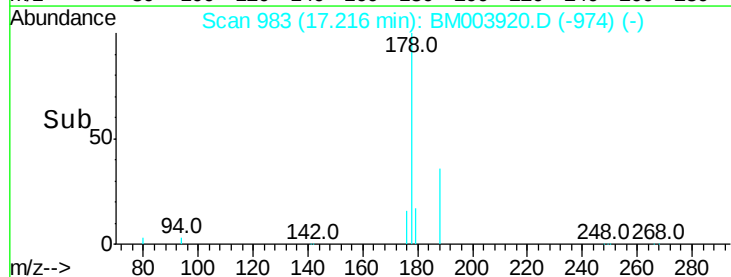
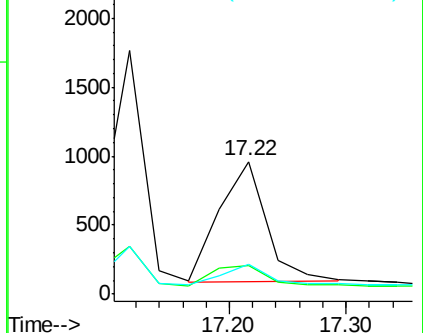
179 14.9 12.6 19.0

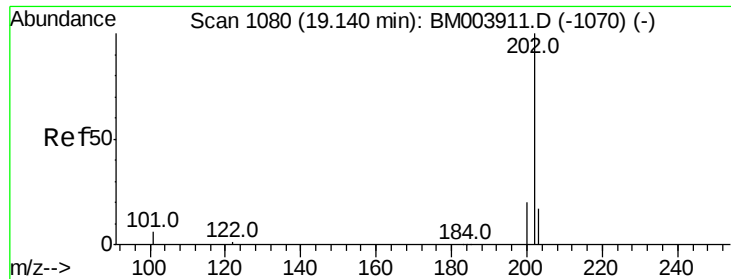


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.08 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

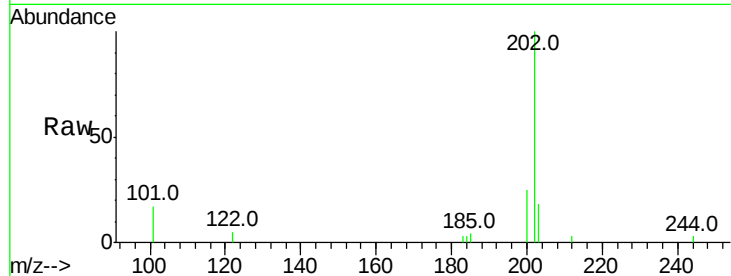
Tot Ion:202 Resp: 3199

Ion Ratio Lower Upper

202 100

101 11.6 9.7 14.5

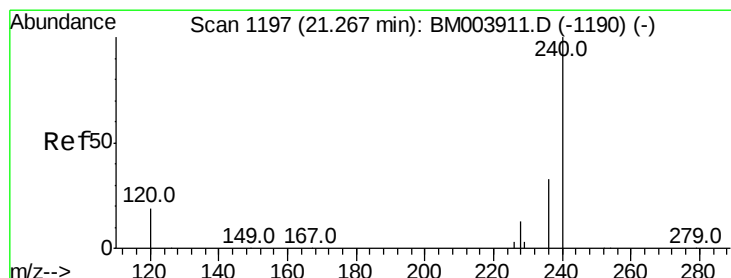
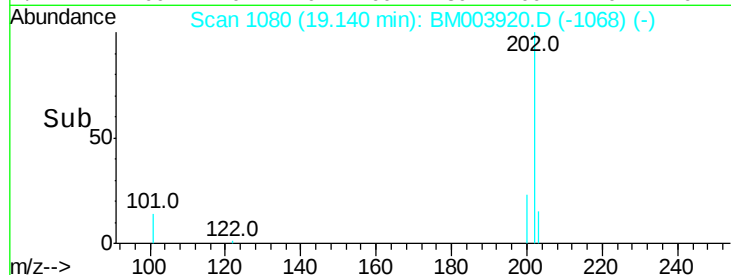
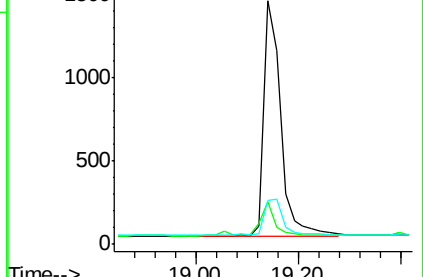
203 17.7 13.8 20.8



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: BM003920.D

Acq: 31 Dec 2015 18:40

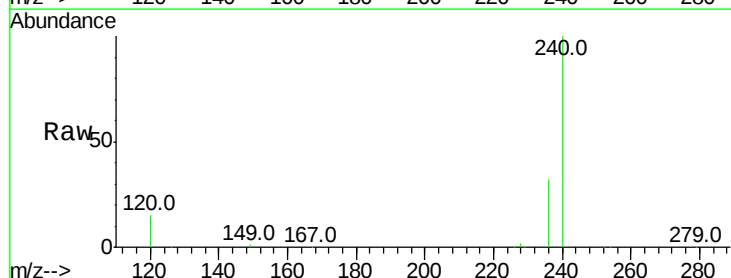
Tgt Ion:240 Resp: 106363

Ion Ratio Lower Upper

240 100

120 15.4 0.9 1.3#

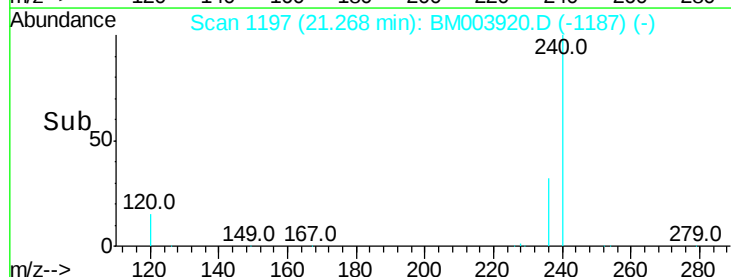
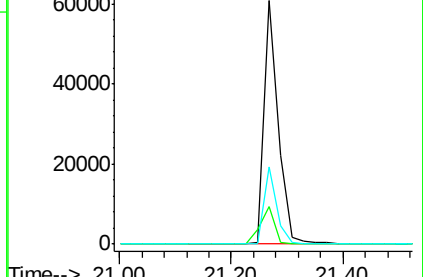
236 31.6 17.3 25.9#

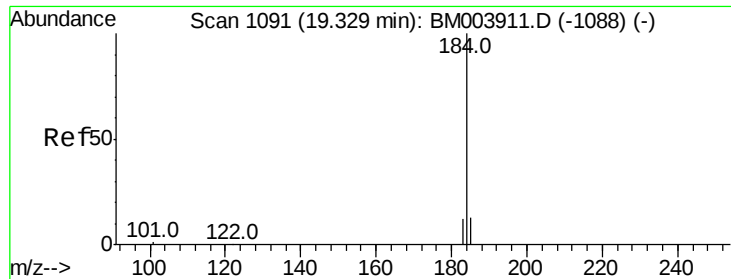


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.15 ng

RT: 19.38 min Scan# 1094

Delta R.T. 0.05 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

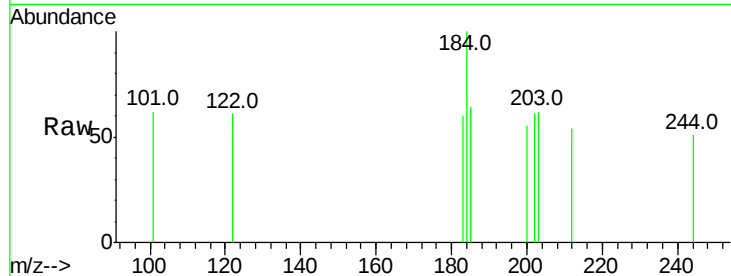
Tot Ion:184 Resp: 231

Ion Ratio Lower Upper

184 100

185 64.1 13.2 19.8#

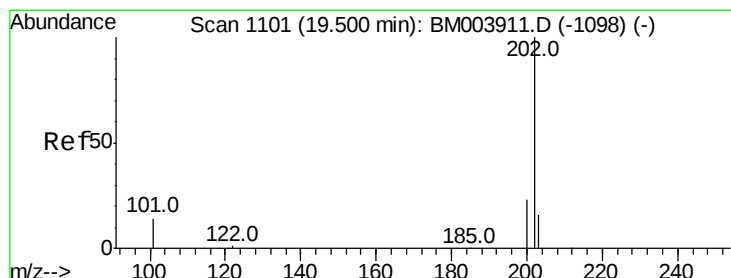
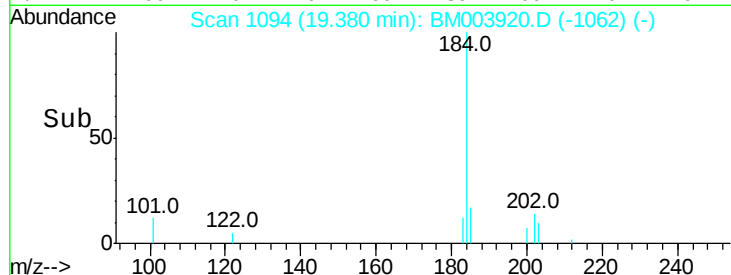
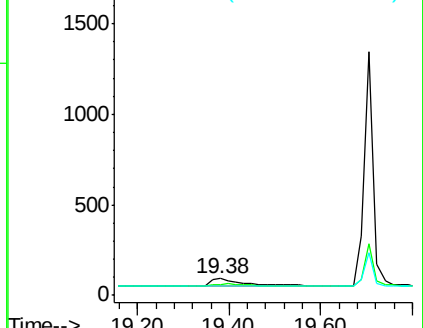
183 59.8 9.0 13.6#



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: 0.09 ng

RT: 19.52 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

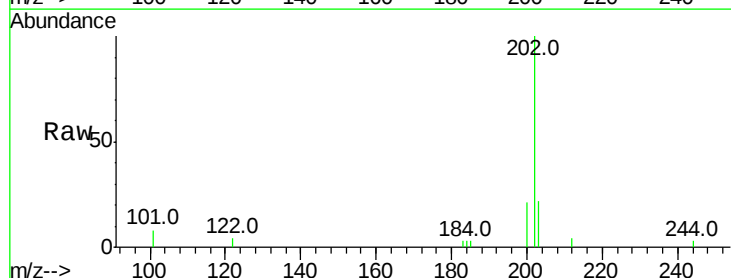
Tgt Ion:202 Resp: 3277

Ion Ratio Lower Upper

202 100

200 21.4 16.6 24.8

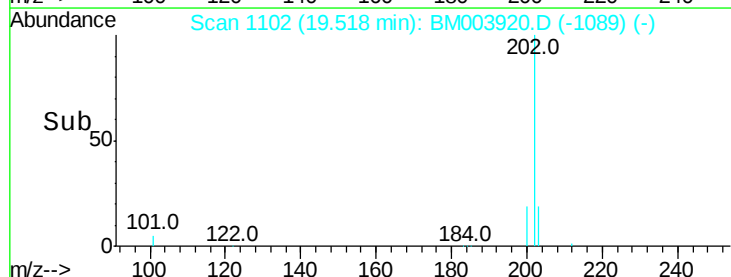
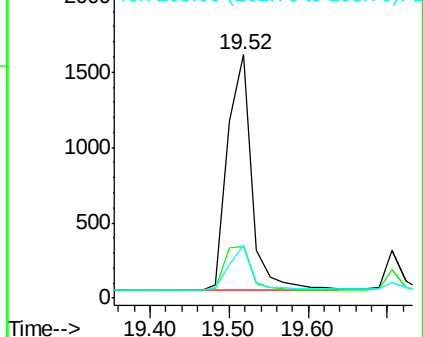
203 17.9 14.0 21.0

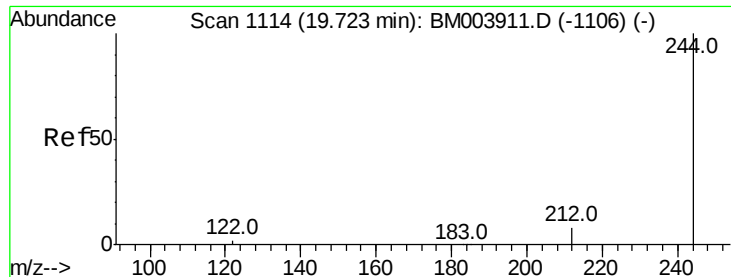


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.33 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

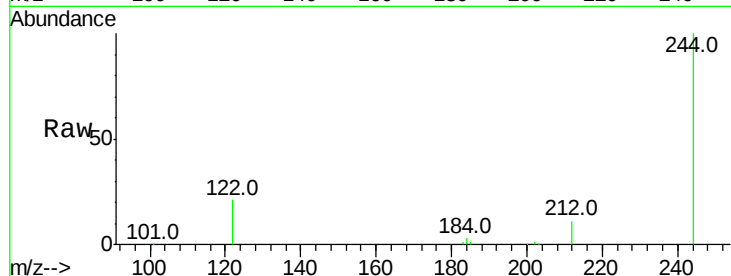
Tot Ion:244 Resp: 74577

Ion Ratio Lower Upper

244 100

212 11.4 7.0 10.6#

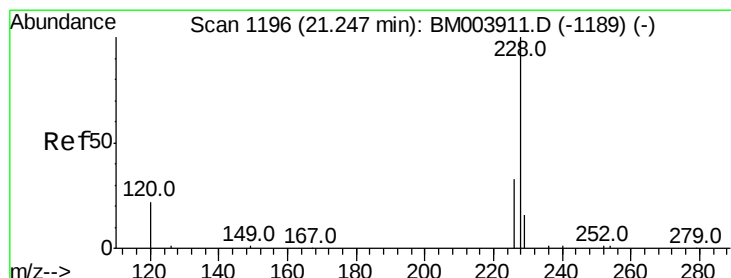
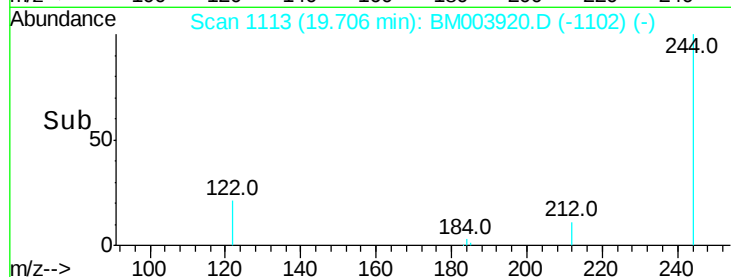
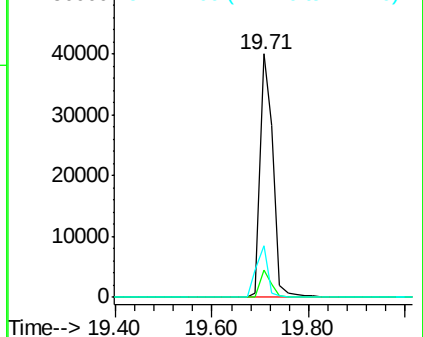
122 21.1 3.0 4.6#



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: 0.10 ng m

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

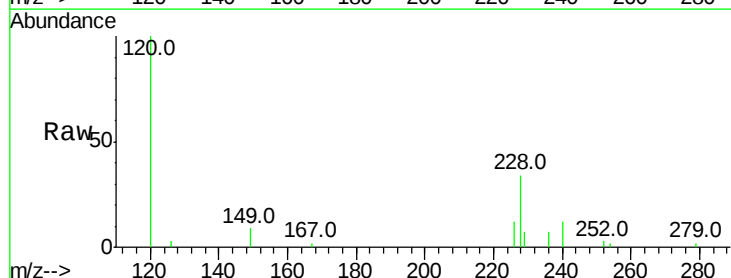
Tgt Ion:228 Resp: 2935

Ion Ratio Lower Upper

228 100

226 34.9 17.2 25.8#

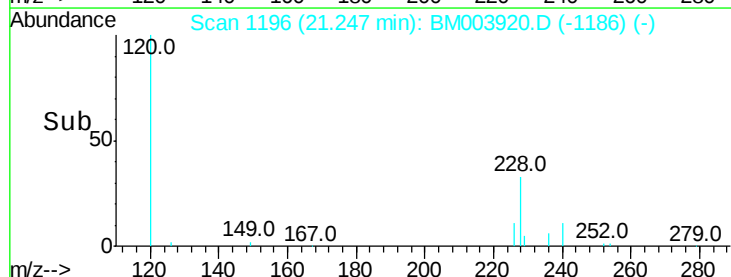
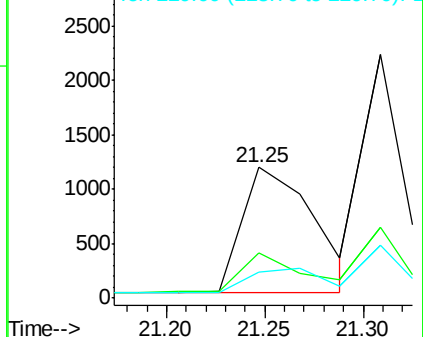
229 19.8 18.7 28.1

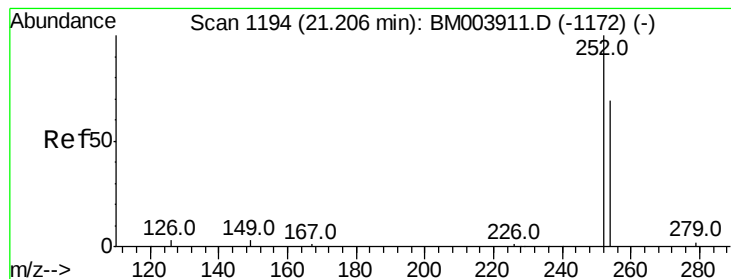


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

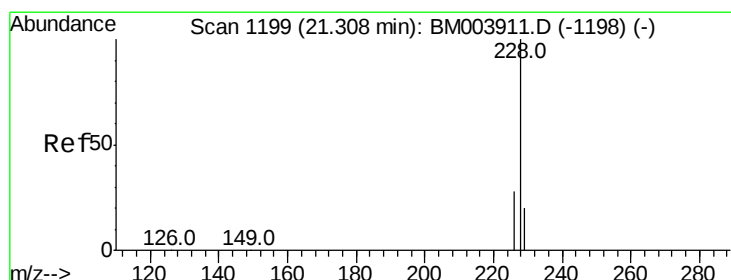
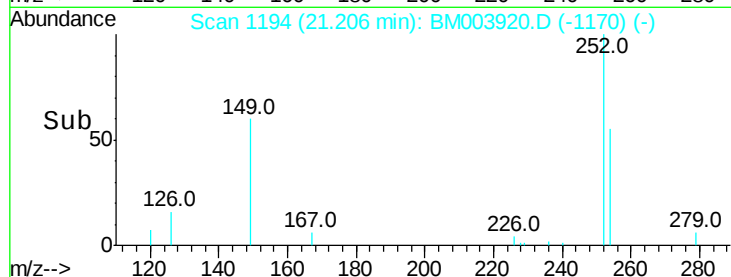
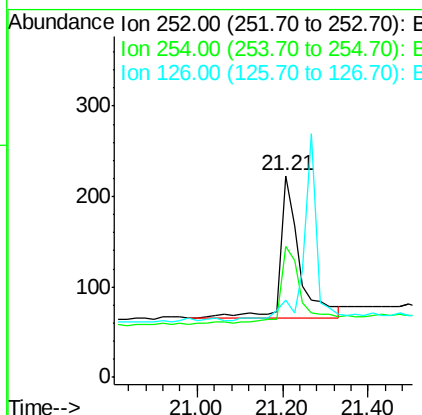
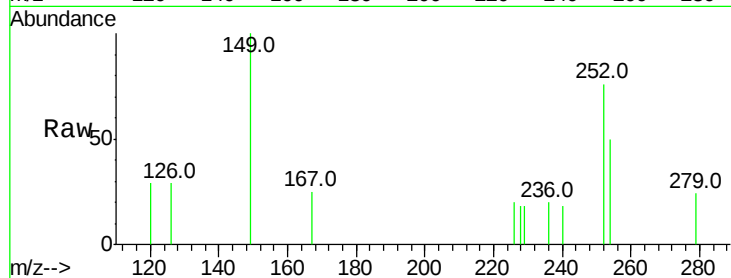




#31
 3,3'-Dichlorobenzidine
 Concen: 0.29 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003920.D
 Acq: 31 Dec 2015 18:40

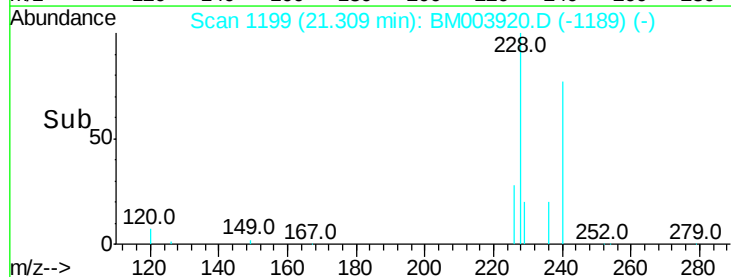
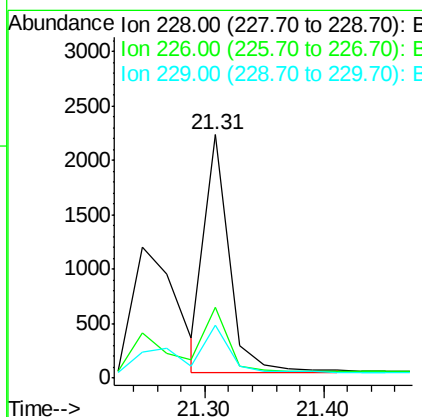
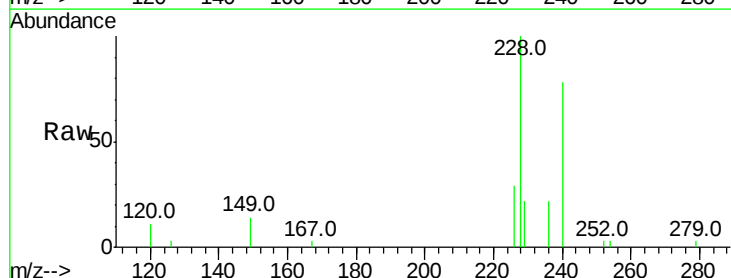
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER2016-01

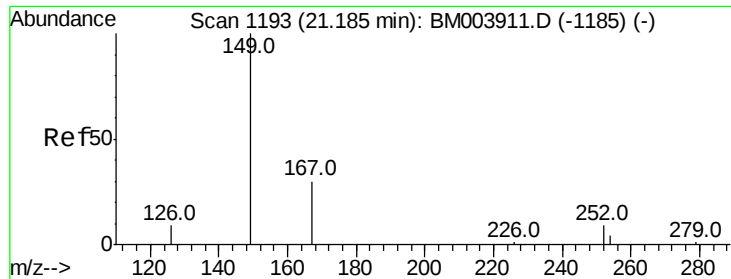
Tot Ion:252 Resp: 498
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.6 79.0
 126 38.6 3.7 5.5#



#32
 Chrysene
 Concen: 0.10 ng m
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM003920.D
 Acq: 31 Dec 2015 18:40

Tgt Ion:228 Resp: 3184
 Ion Ratio Lower Upper
 228 100
 226 29.3 25.3 37.9
 229 21.9 14.5 21.7#





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.40 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

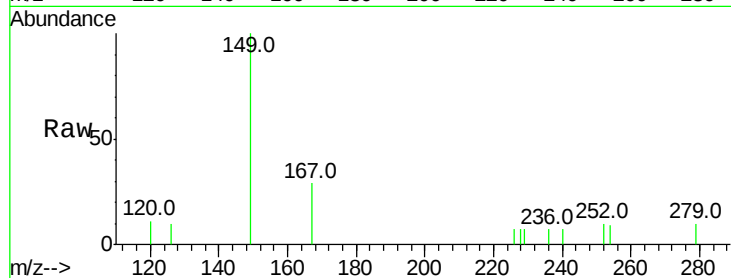
Tot Ion:149 Resp: 1085

Ion Ratio Lower Upper

149 100

167 22.3 20.1 30.1

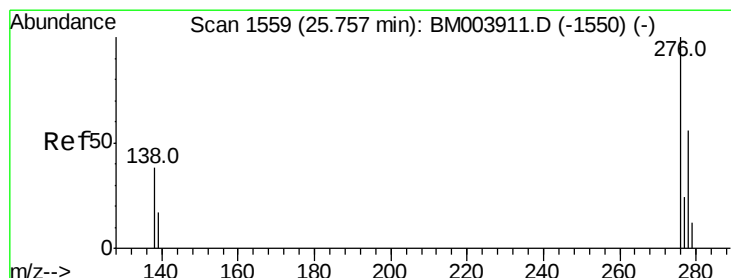
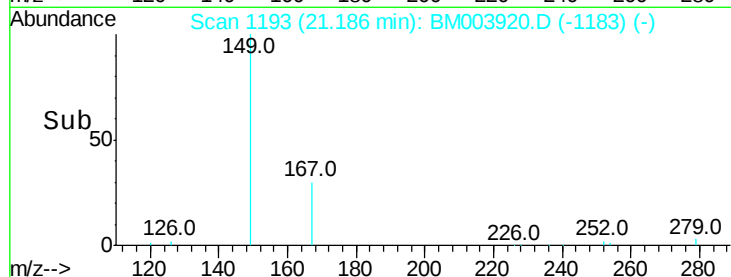
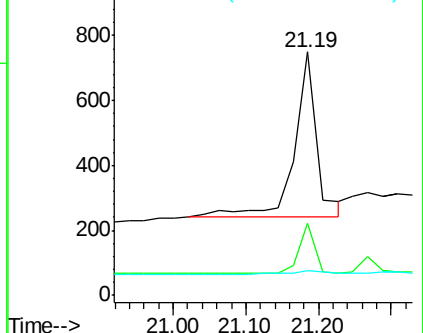
279 3.9 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.11 ng

RT: 25.78 min Scan# 1562

Delta R.T. 0.02 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

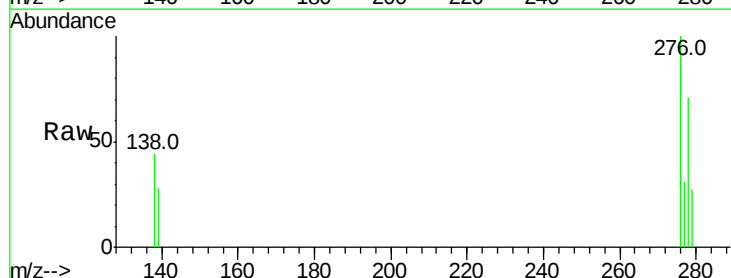
Tgt Ion:276 Resp: 2397

Ion Ratio Lower Upper

276 100

138 38.7 30.2 45.2

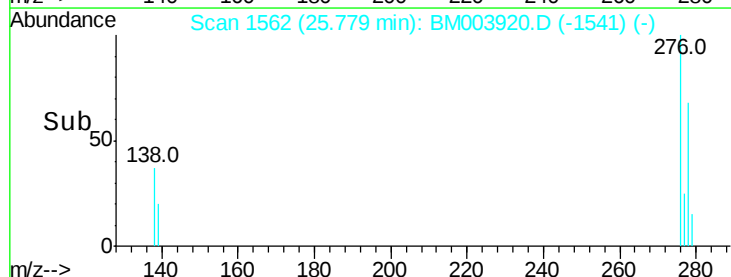
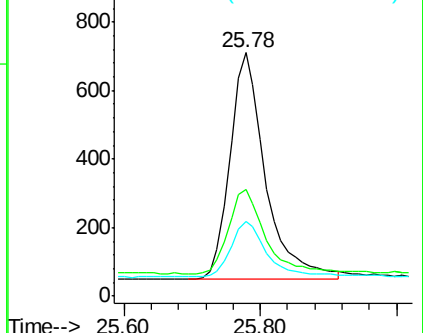
277 24.9 19.8 29.8

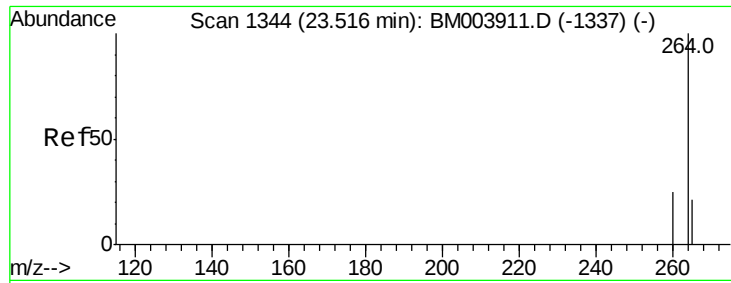


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

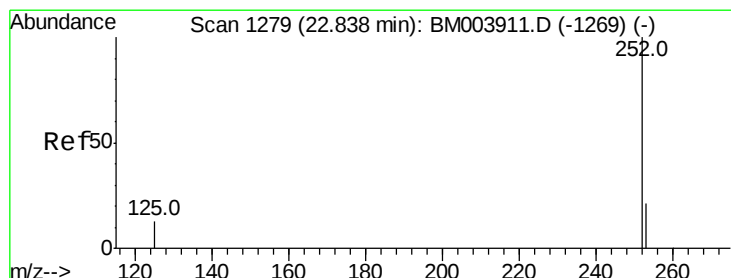
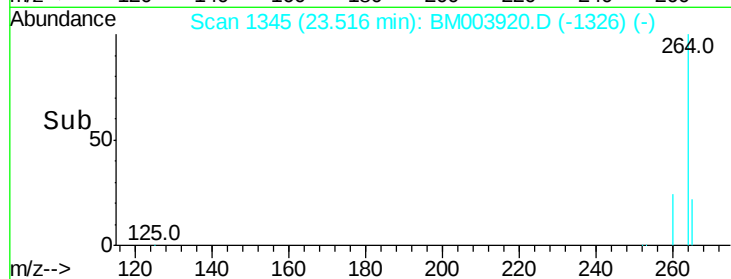
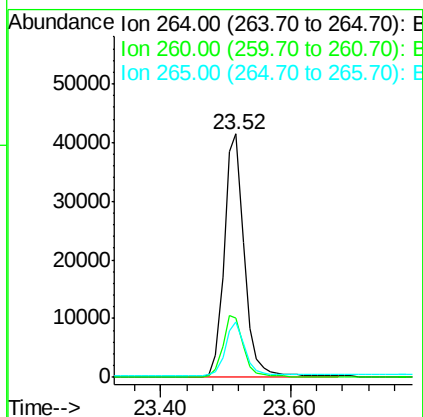
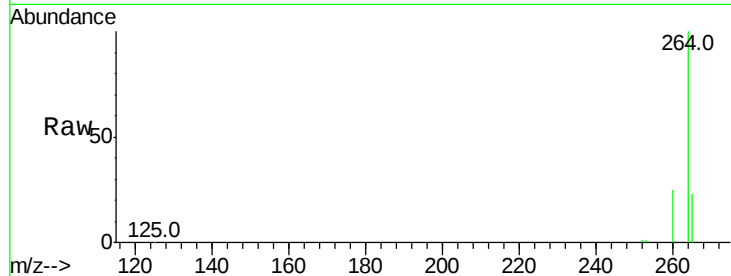




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BM003920.D
 Acq: 31 Dec 2015 18:40

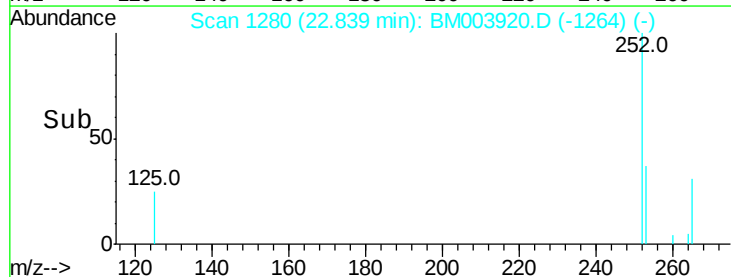
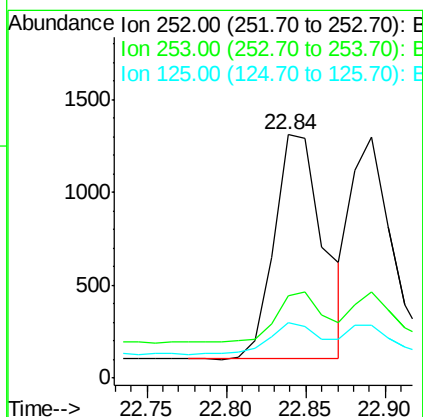
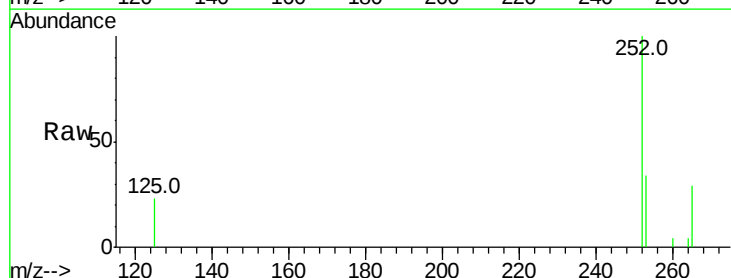
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER2016-01

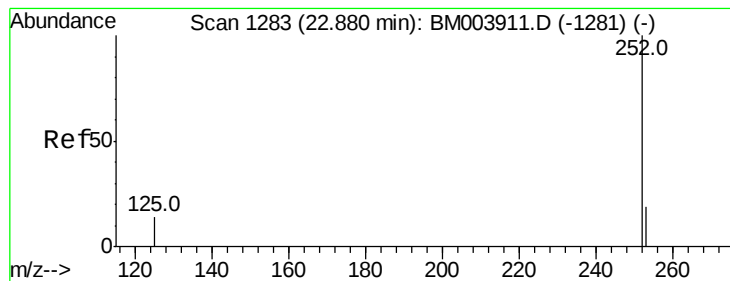
Tot Ion:264 Resp: 88294
 Ion Ratio Lower Upper
 264 100
 260 24.6 21.2 31.8
 265 22.5 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.10 ng
 RT: 22.84 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM003920.D
 Acq: 31 Dec 2015 18:40

Tgt Ion:252 Resp: 2607
 Ion Ratio Lower Upper
 252 100
 253 34.0 18.8 28.2#
 125 22.6 10.2 15.4#





#37

Benzo(k)fluoranthene

Concen: 0.09 ng

RT: 22.89 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

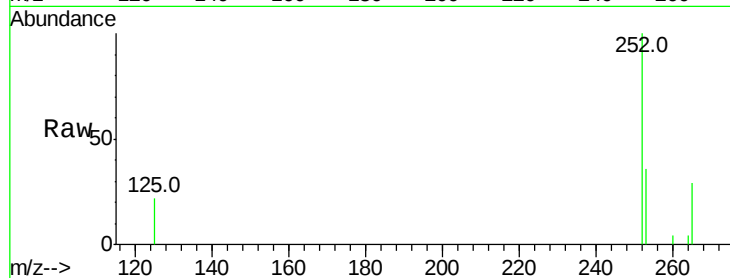
Tot Ion:252 Resp: 2238

Ion Ratio Lower Upper

252 100

253 35.7 18.3 27.5#

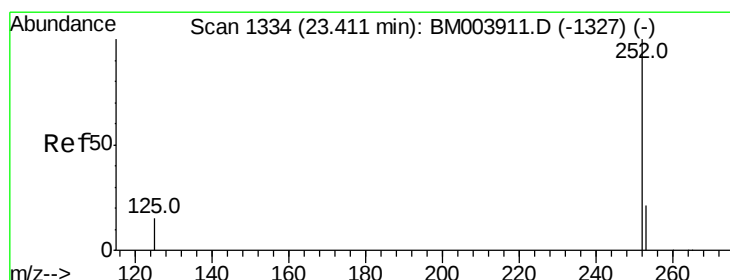
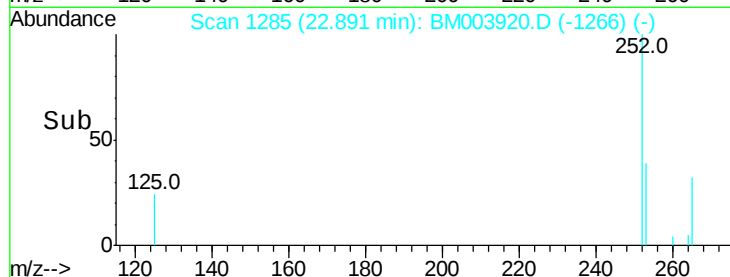
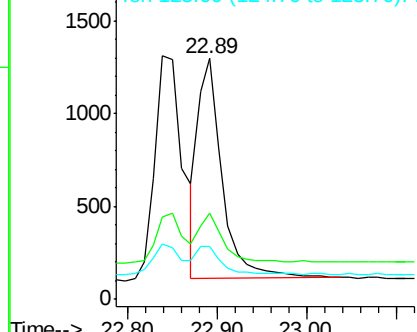
125 21.8 10.6 15.8#



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: 0.09 ng

RT: 23.41 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

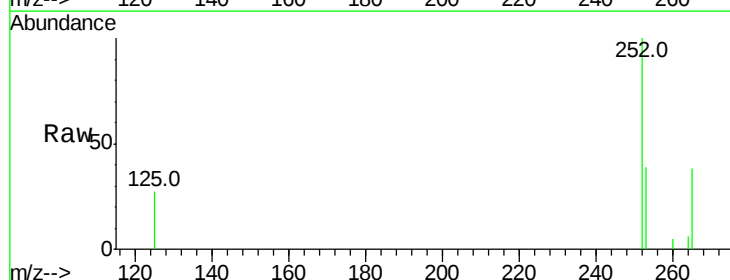
Tgt Ion:252 Resp: 1979

Ion Ratio Lower Upper

252 100

253 38.9 18.7 28.1#

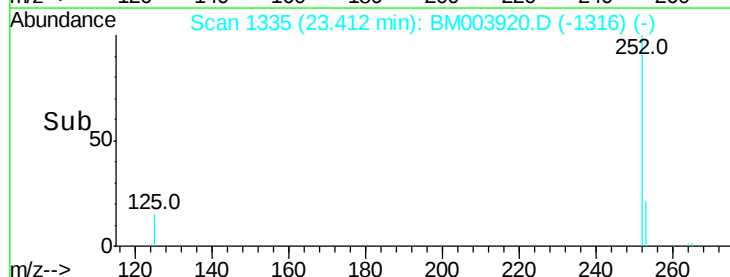
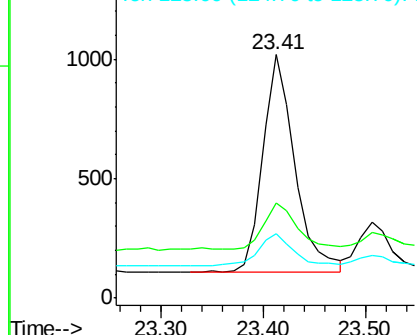
125 26.6 11.8 17.8#

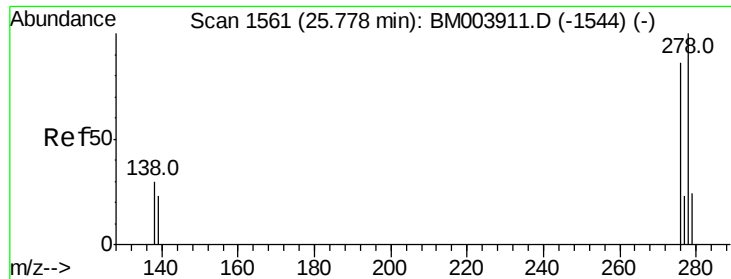


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.10 ng

RT: 25.79 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2016-01

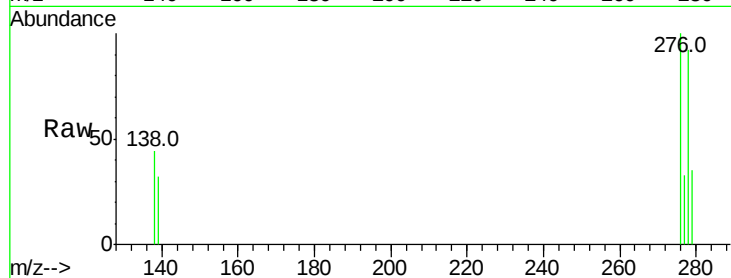
Tot Ion:278 Resp: 1910

Ion Ratio Lower Upper

278 100

139 34.9 19.0 28.6#

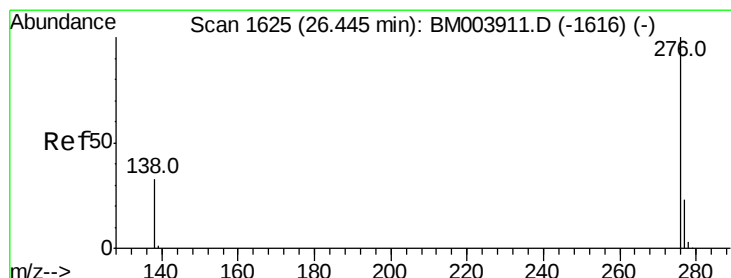
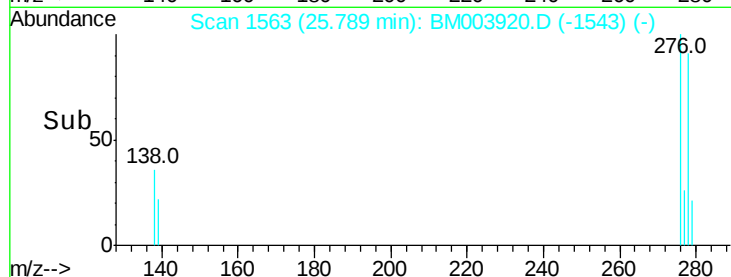
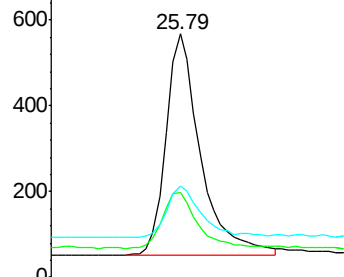
279 37.7 19.6 29.4#



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: 0.11 ng

RT: 26.47 min Scan# 1628

Delta R.T. 0.02 min

Lab File: BM003920.D

Acq: 31 Dec 2015 18:40

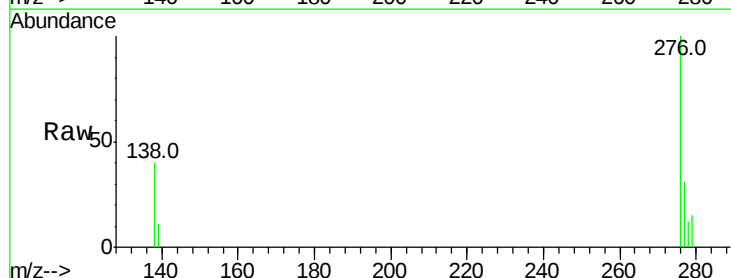
Tgt Ion:276 Resp: 2252

Ion Ratio Lower Upper

276 100

277 30.9 19.1 28.7#

138 39.9 25.0 37.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

