

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
 Data File : BM003921.D
 Acq On : 31 Dec 2015 19:16
 Operator : SJ/UM
 Sample : G4825-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER2016-02

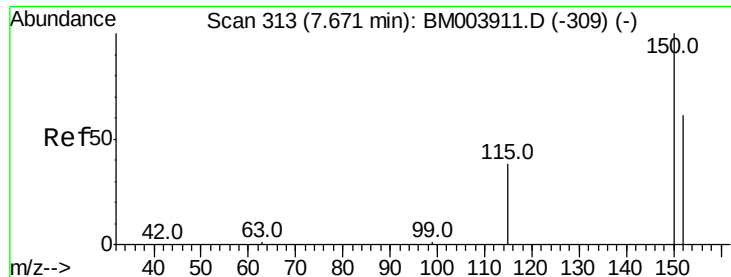
Quant Time: Jan 04 13:58:56 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 13:33:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	38406	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	154949	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	77456	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	200587	5.00	ng	0.00
26) Chrysene-d12	21.27	240	125721	5.00	ng	0.00
35) Perylene-d12	23.52	264	91831	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	68023	8.65	ng	0.00
5) Phenol-d6	6.85	99	84635	8.79	ng	0.00
8) Nitrobenzene-d5	8.84	82	32540	4.27	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	14029	6.09	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	118621	4.75	ng	0.00
29) Terphenyl-d14	19.71	244	94355	4.64	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	723	0.16	ng	94
3) n-Nitrosodimethylamine	3.51	42	550	0.14	ng	# 99
6) bis(2-Chloroethyl)ether	7.11	93	1411	0.16	ng	96
9) Nitrobenzene	8.88	77	1445	0.18	ng	# 95
10) Naphthalene	10.51	128	6084	0.18	ng	# 96
11) Hexachlorobutadiene	10.80	225	923	0.18	ng	99
12) 2-Methylnaphthalene	12.14	142	3887	0.17	ng	98
16) Acenaphthylene	14.04	152	4760	0.15	ng	99
17) Acenaphthene	14.37	154	4183	0.19	ng	99
18) Fluorene	15.37	166	4367	0.16	ng	96
20) 4-Bromophenyl-phenylether	16.27	248	1195	0.19	ng	# 62
21) Hexachlorobenzene	16.40	284	1175	0.18	ng	# 48
22) Pentachlorophenol	16.76	266	110	0.19	ng	# 80
23) Phenanthrene	17.11	178	7682	0.13	ng	97
24) Anthracene	17.19	178	6227m	0.15	ng	
25) Fluoranthene	19.14	202	7376	0.17	ng	99
27) Benzidine	19.36	184	477	0.17	ng	# 32
28) Pyrene	19.50	202	7573	0.17	ng	99
30) Benzo(a)anthracene	21.25	228	6373m	0.18	ng	
31) 3,3'-Dichlorobenzidine	21.21	252	1077	0.33	ng	# 93
32) Chrysene	21.31	228	6712m	0.18	ng	
33) Bis(2-ethylhexyl)phthalate	21.19	149	1981	0.43	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.77	276	4477	0.17	ng	99
36) Benzo(b)fluoranthene	22.84	252	4699	0.17	ng	# 90
37) Benzo(k)fluoranthene	22.88	252	4977	0.18	ng	# 89
38) Benzo(a)pyrene	23.41	252	3919	0.16	ng	# 85
39) Dibenzo(a,h)anthracene	25.79	278	3552	0.17	ng	# 88
40) Benzo(g,h,i)perylene	26.46	276	4149	0.19	ng	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

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ClientSampleId :

LOQ-WATER2016-02

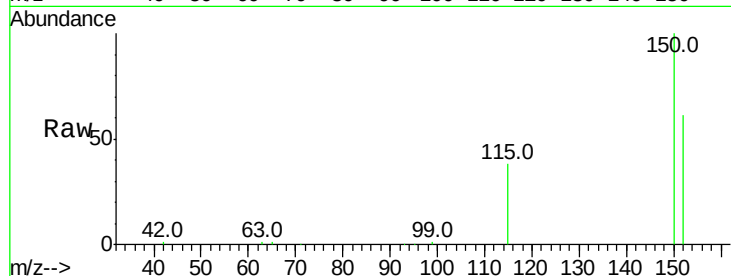
Tot Ion:152 Resp: 38406

Ion Ratio Lower Upper

152 100

150 164.2 122.9 184.3

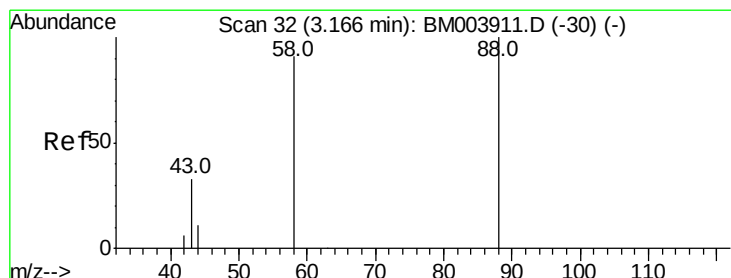
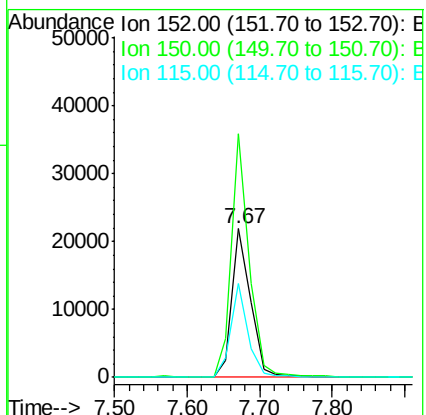
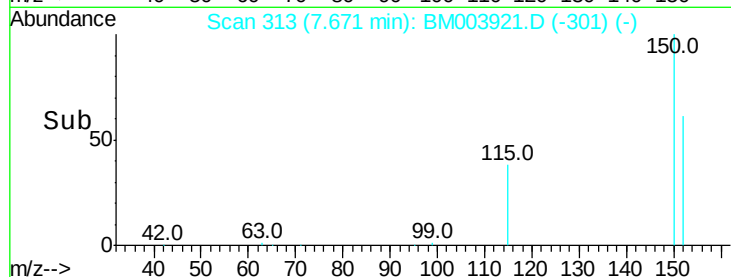
115 63.0 44.4 66.6



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: 0.16 ng

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

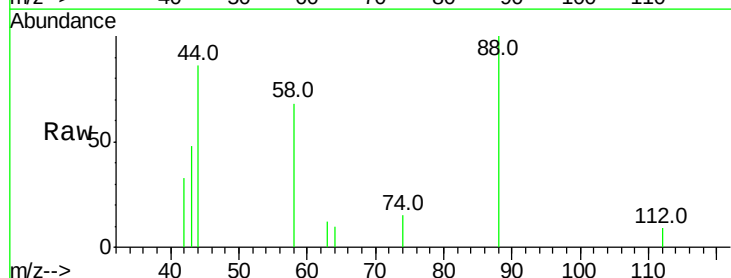
Tgt Ion: 88 Resp: 723

Ion Ratio Lower Upper

88 100

58 61.4 53.8 80.6

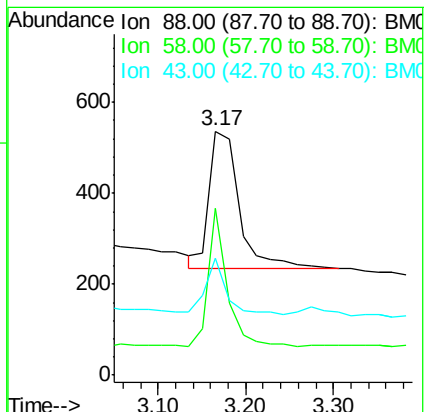
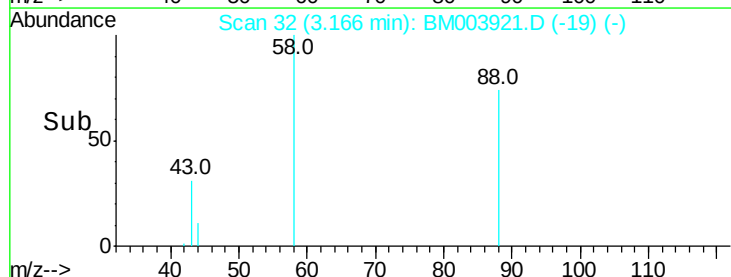
43 27.7 23.8 35.6

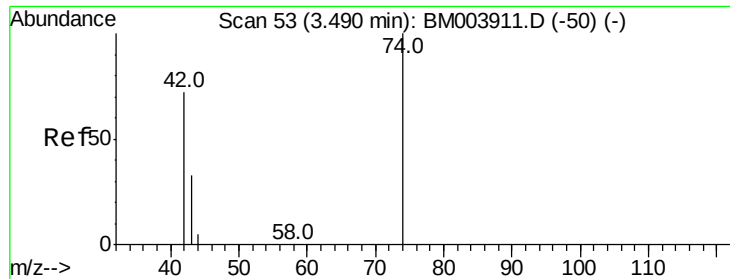


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.14 ng

RT: 3.51 min Scan# 54

Delta R.T. 0.02 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

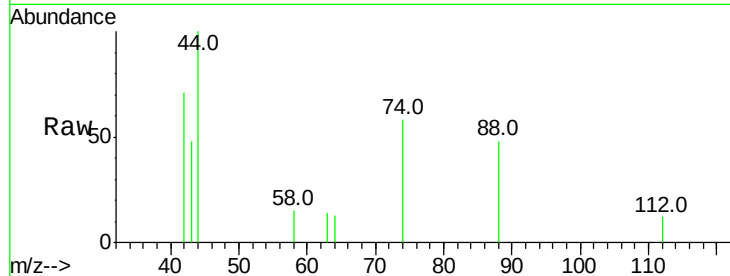
Tot Ion: 42 Resp: 550

Ion Ratio Lower Upper

42 100

74 119.3 95.0 142.4

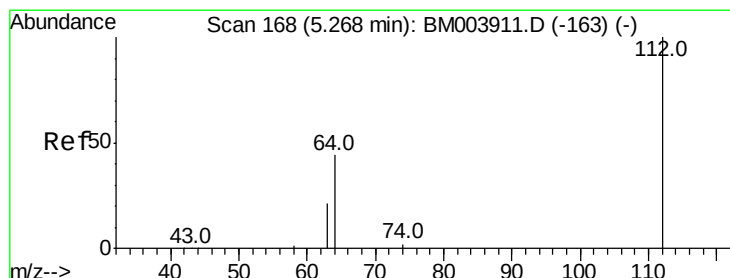
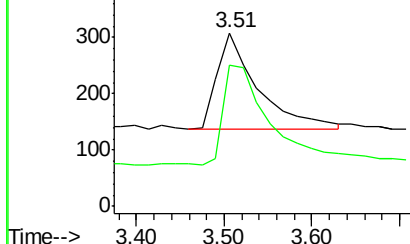
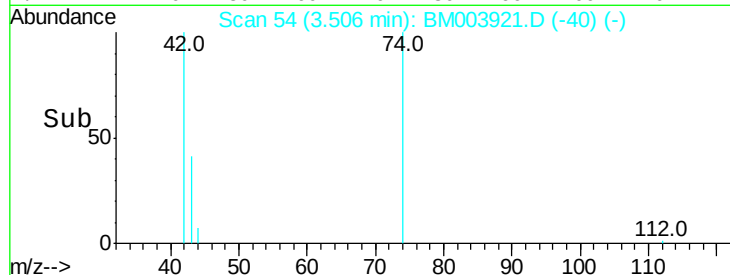
44 9.8 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BM003921.D (-40) (-)

Ion 74.00 (73.70 to 74.70): BM003921.D (-40) (-)

Ion 44.00 (43.70 to 44.70): BM003921.D (-40) (-)



#4

2-Fluorophenol

Concen: 8.65 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

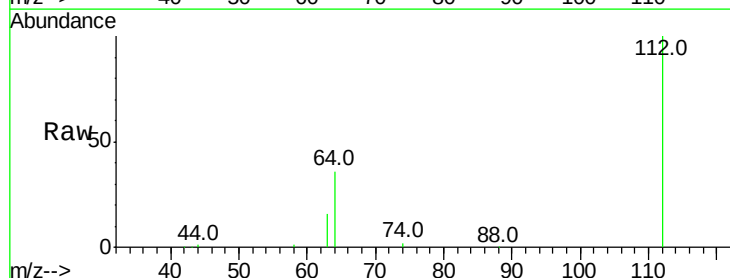
Tgt Ion: 112 Resp: 68023

Ion Ratio Lower Upper

112 100

64 52.4 41.8 62.8

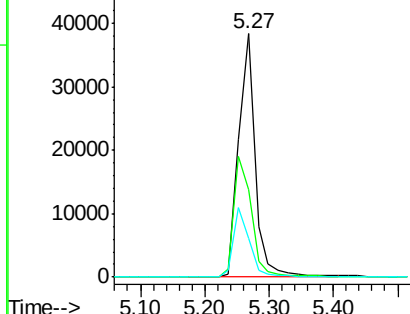
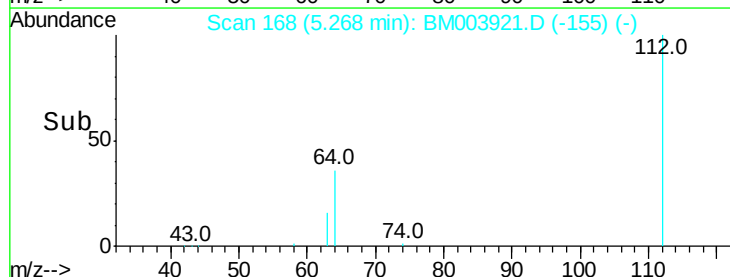
63 27.7 22.1 33.1

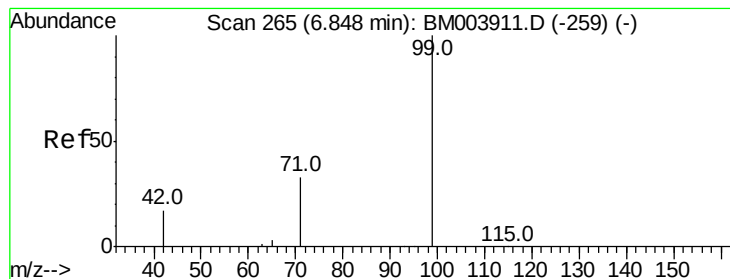


Abundance Ion 112.00 (111.70 to 112.70): BM003921.D (-155) (-)

Ion 64.00 (63.70 to 64.70): BM003921.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM003921.D (-155) (-)





#5

Phenol-d6

Concen: 8.79 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

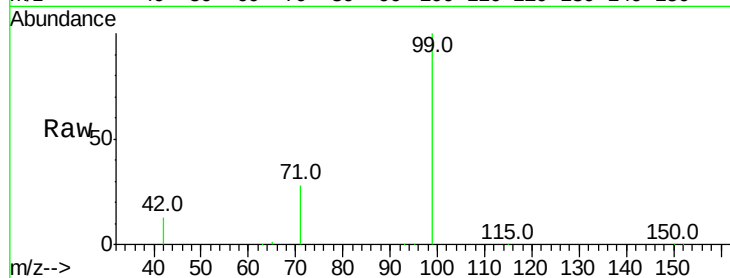
Tot Ion: 99 Resp: 84635

Ion Ratio Lower Upper

99 100

42 18.9 16.2 24.2

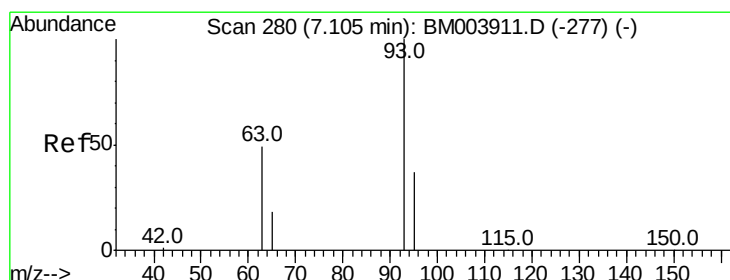
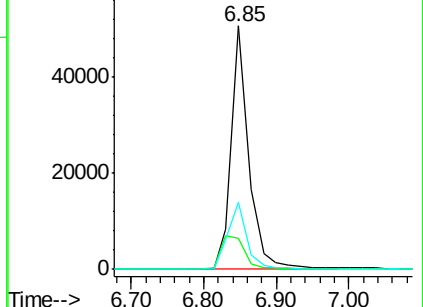
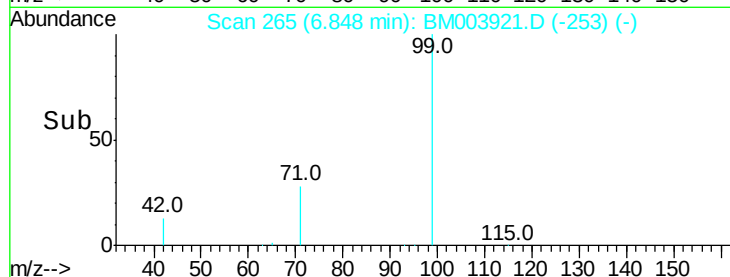
71 30.1 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003921.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM003921.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM003921.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

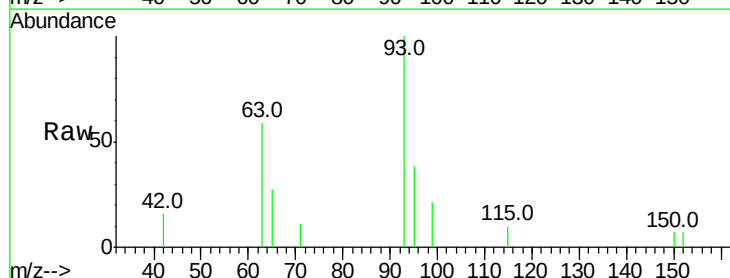
Tgt Ion: 93 Resp: 1411

Ion Ratio Lower Upper

93 100

63 76.2 58.3 87.5

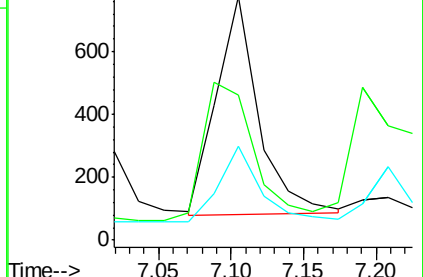
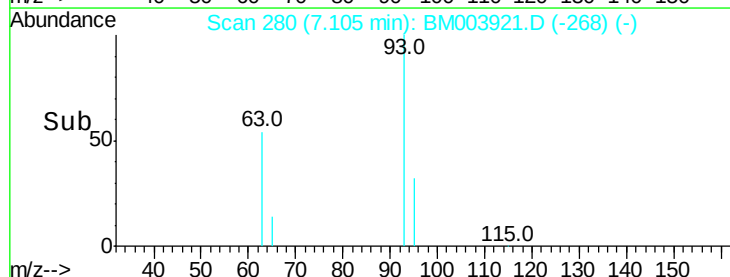
95 34.2 25.8 38.8

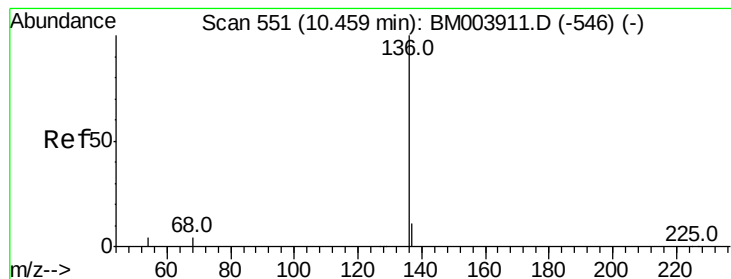


Abundance Ion 93.00 (92.70 to 93.70): BM003921.D (-268) (-)

Ion 63.00 (62.70 to 63.70): BM003921.D (-268) (-)

Ion 95.00 (94.70 to 95.70): BM003921.D (-268) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:136 Resp: 154949

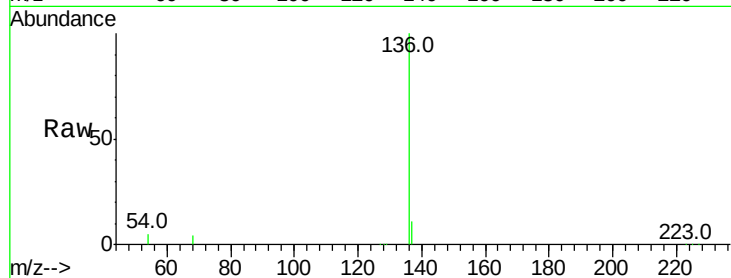
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 4.9 2.8 4.2#

68 4.0 2.5 3.7#

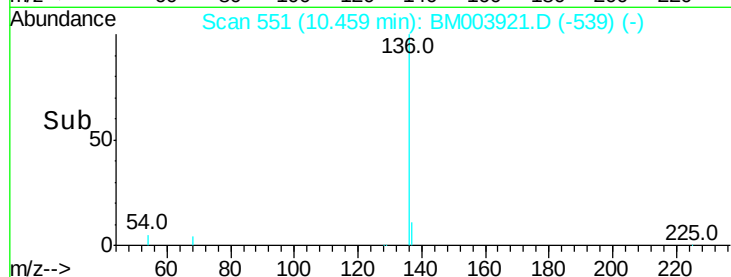


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

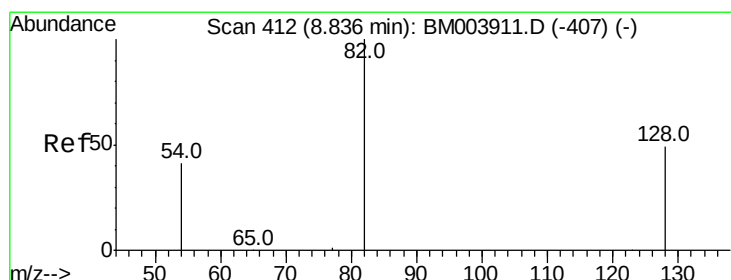
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->

10.46



#8

Nitrobenzene-d5

Concen: 4.27 ng

RT: 8.84 min Scan# 412

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

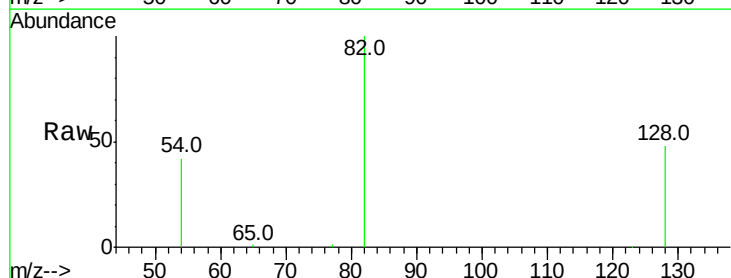
Tgt Ion: 82 Resp: 32540

Ion Ratio Lower Upper

82 100

128 48.4 39.1 58.7

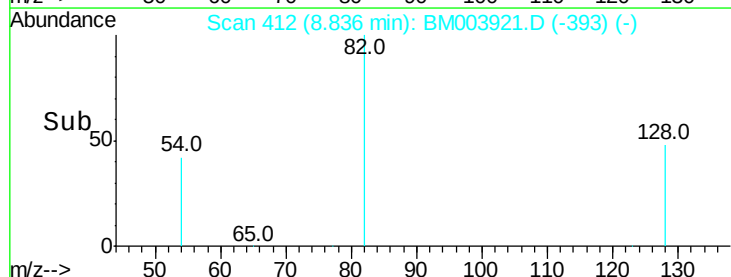
54 42.3 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM

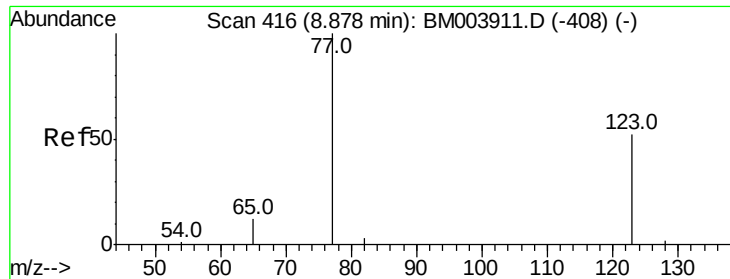
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->

8.84



#9

Nitrobenzene

Concen: 0.18 ng

RT: 8.88 min Scan# 416

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

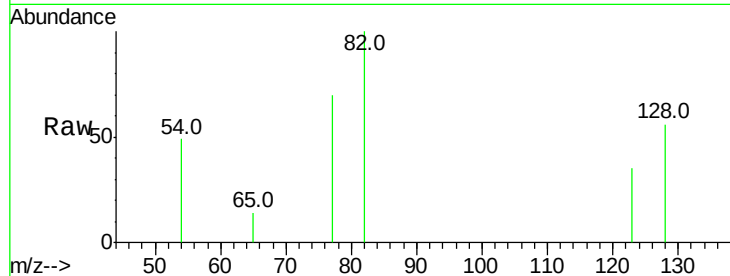
Tot Ion: 77 Resp: 1445

Ion Ratio Lower Upper

77 100

123 45.5 38.6 57.8

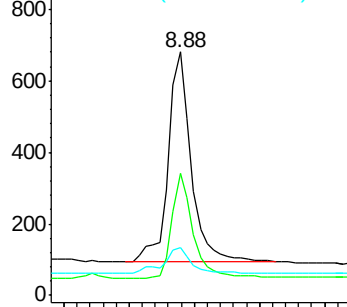
65 15.2 9.9 14.9#



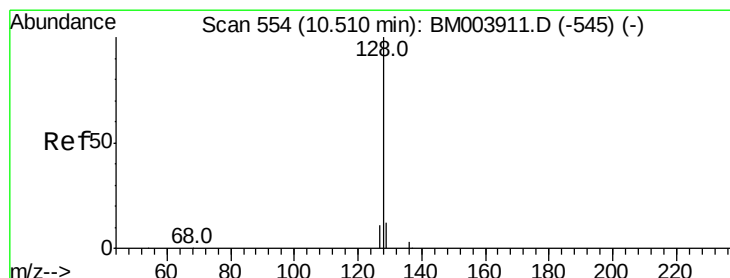
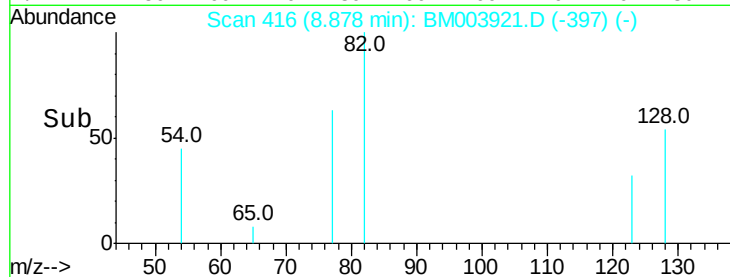
Abundance Ion 77.00 (76.70 to 77.70): BM003921.D (-397) (-)

Ion 123.00 (122.70 to 123.70): BM003921.D (-397) (-)

Ion 65.00 (64.70 to 65.70): BM003921.D (-397) (-)



Time--> 8.70 8.80 8.90 9.00 9.10



#10

Naphthalene

Concen: 0.18 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

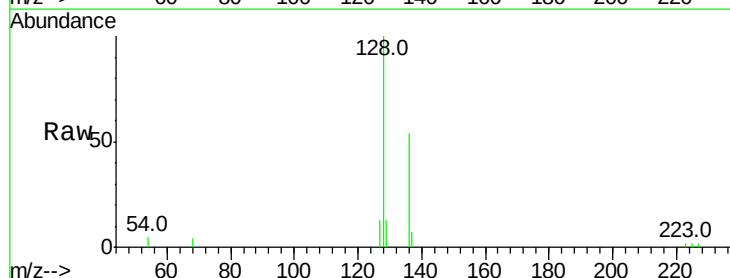
Tgt Ion: 128 Resp: 6084

Ion Ratio Lower Upper

128 100

129 13.3 8.5 12.7#

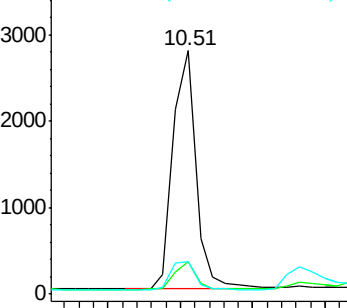
127 13.2 11.0 16.4



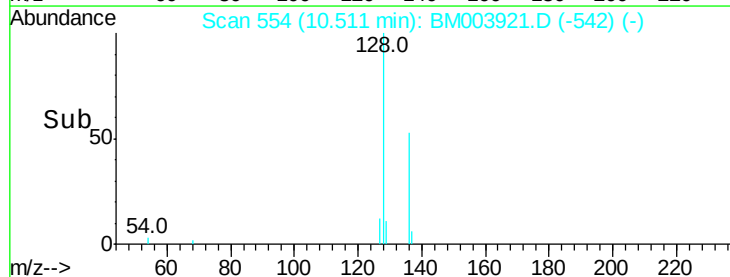
Abundance Ion 128.00 (127.70 to 128.70): BM003921.D (-542) (-)

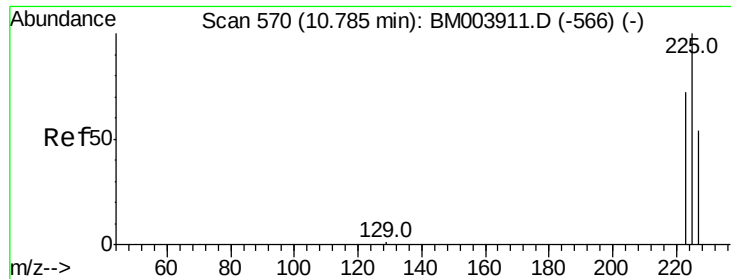
Ion 129.00 (128.70 to 129.70): BM003921.D (-542) (-)

Ion 127.00 (126.70 to 127.70): BM003921.D (-542) (-)



Time--> 10.40 10.50 10.60

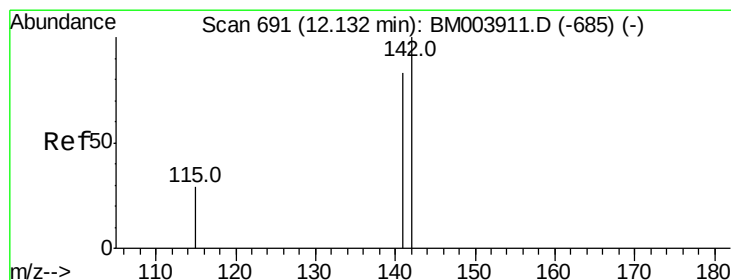
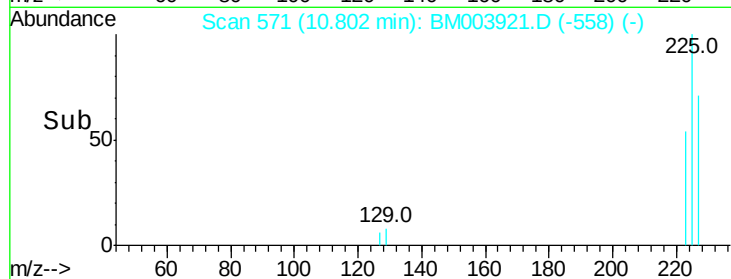
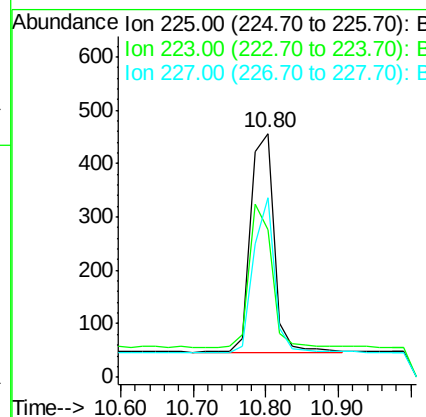
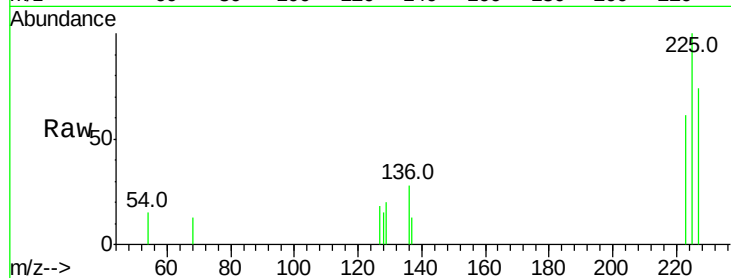




#11
Hexachlorobutadiene
Concen: 0.18 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.02 min
Lab File: BM003921.D
Acq: 31 Dec 2015 19:16

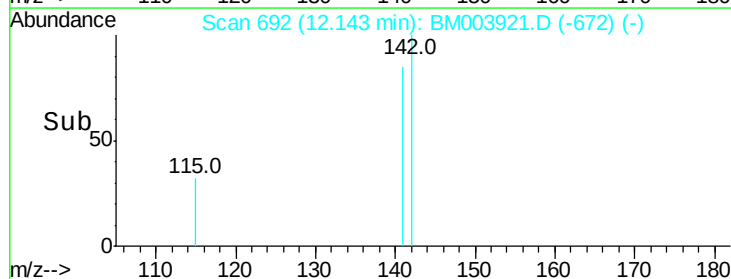
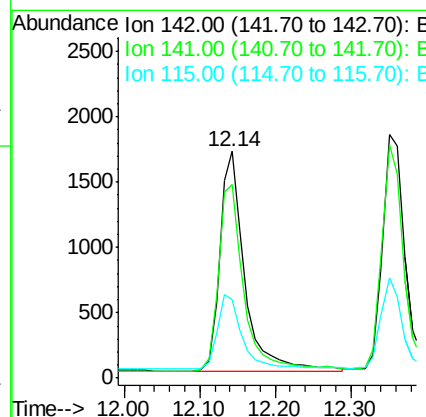
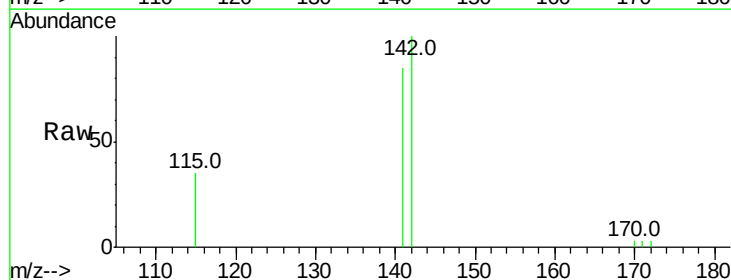
Instrument :
BNA_M
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LOQ-WATER2016-02

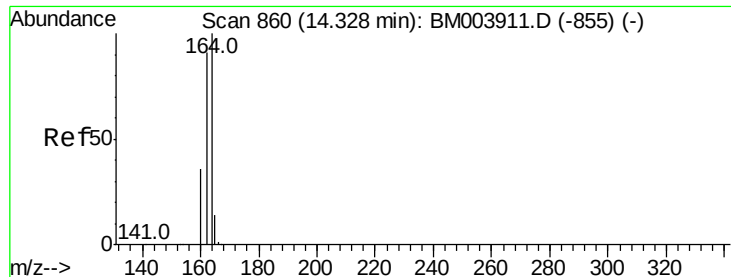
Tot Ion:225 Resp: 923
Ion Ratio Lower Upper
225 100
223 61.8 50.9 76.3
227 64.5 51.2 76.8



#12
2-Methylnaphthalene
Concen: 0.17 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.01 min
Lab File: BM003921.D
Acq: 31 Dec 2015 19:16

Tgt Ion:142 Resp: 3887
Ion Ratio Lower Upper
142 100
141 85.2 67.8 101.8
115 34.7 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

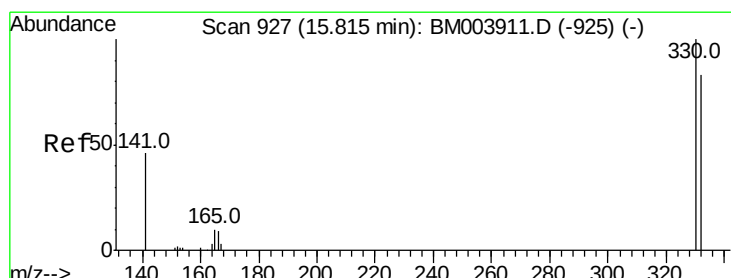
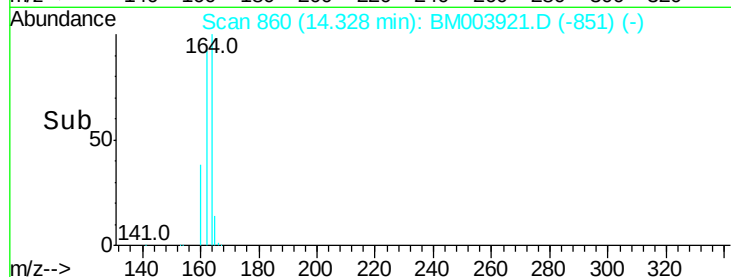
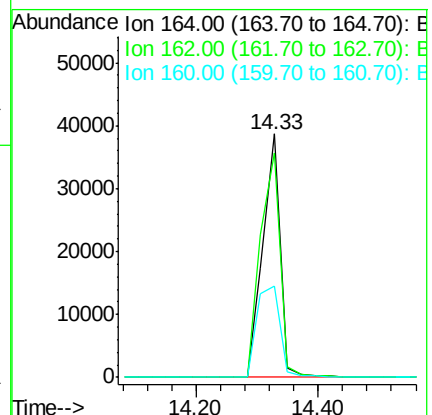
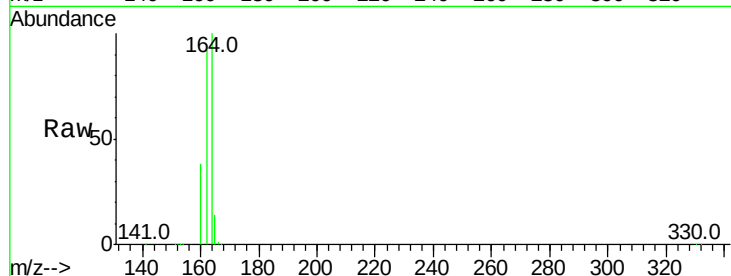
Tot Ion:164 Resp: 77456

Ion Ratio Lower Upper

164 100

162 92.0 86.0 129.0

160 37.8 40.3 60.5#



#14

2,4,6-Tribromophenol

Concen: 6.09 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

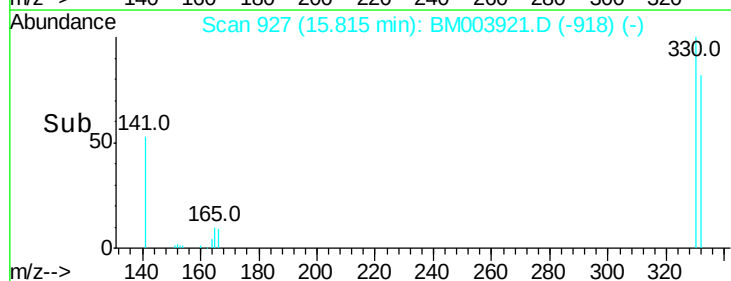
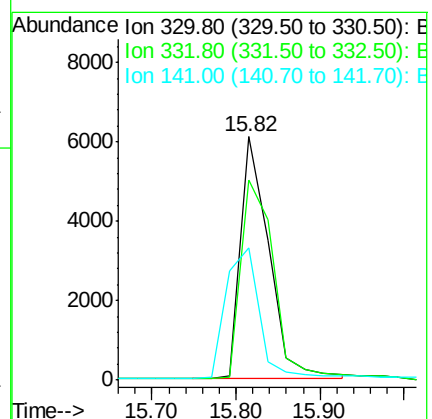
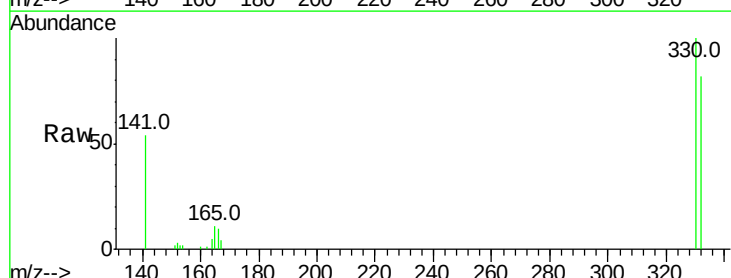
Tgt Ion:330 Resp: 14029

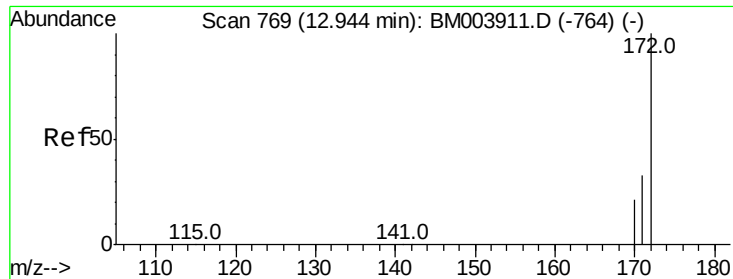
Ion Ratio Lower Upper

330 100

332 94.5 79.0 118.4

141 63.9 0.0 0.0#

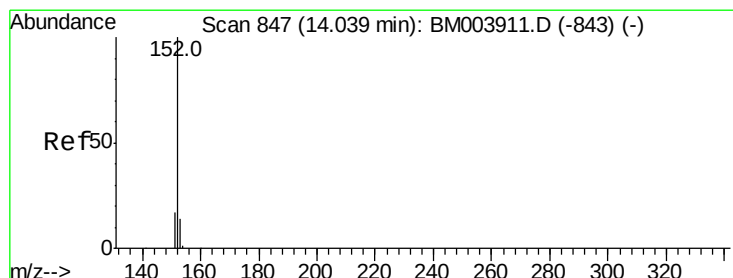
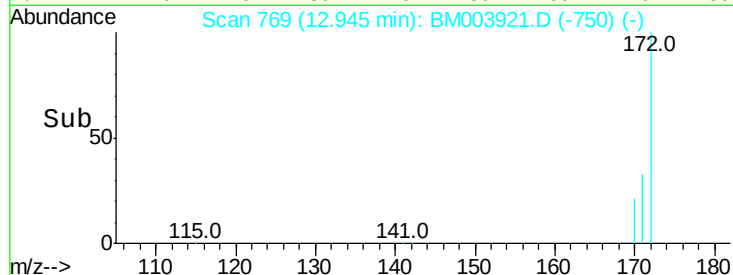
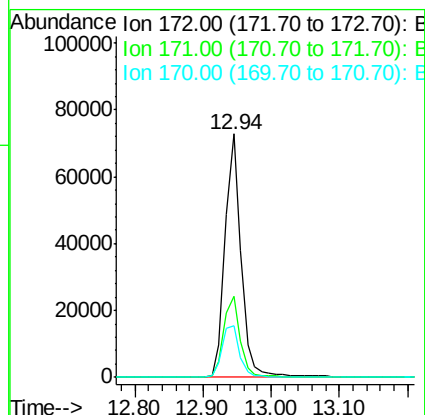
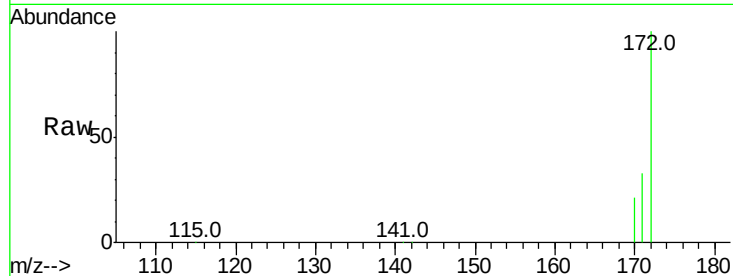




#15
2-Fluorobiphenyl
Concen: 4.75 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003921.D
Acq: 31 Dec 2015 19:16

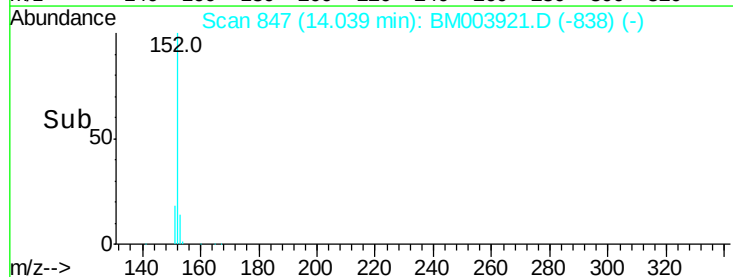
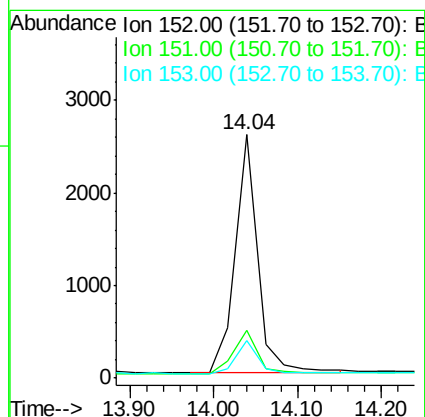
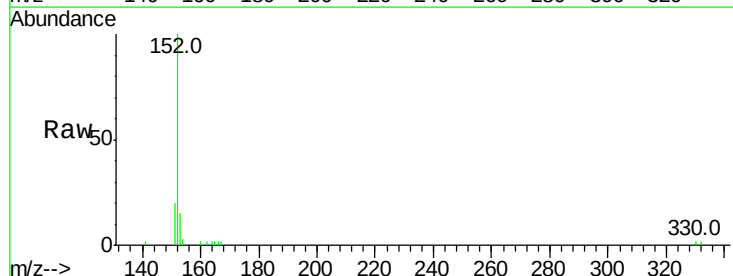
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER2016-02

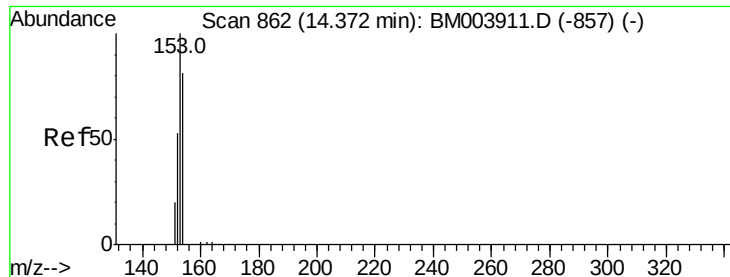
Tot Ion:172 Resp: 118621
Ion Ratio Lower Upper
172 100
171 33.1 27.0 40.6
170 21.1 17.9 26.9



#16
Acenaphthylene
Concen: 0.15 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003921.D
Acq: 31 Dec 2015 19:16

Tgt Ion:152 Resp: 4760
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.2 10.2 15.4





#17

Acenaphthene

Concen: 0.19 ng

RT: 14.37 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

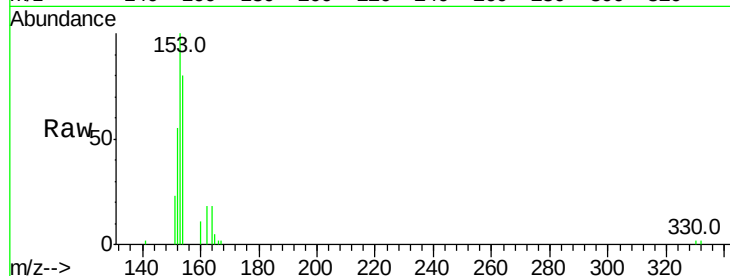
Tot Ion:154 Resp: 4183

Ion Ratio Lower Upper

154 100

153 105.9 85.4 128.2

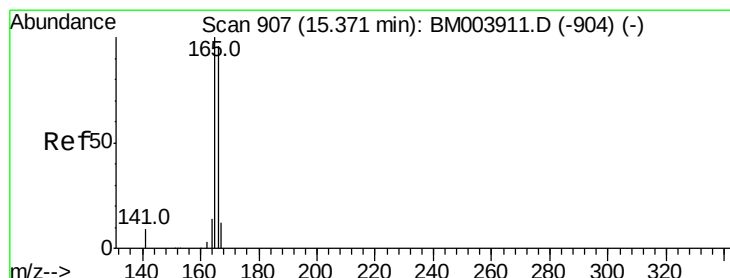
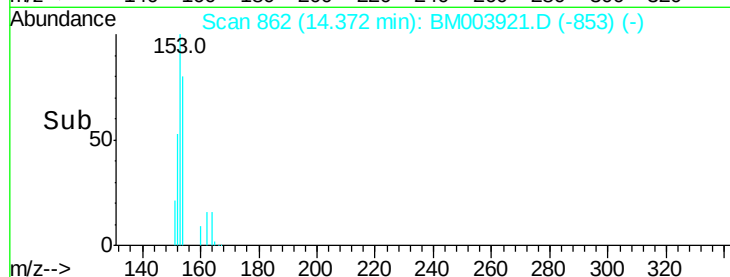
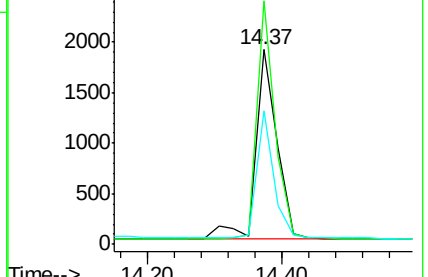
152 52.0 40.6 60.8



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: 0.16 ng

RT: 15.37 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

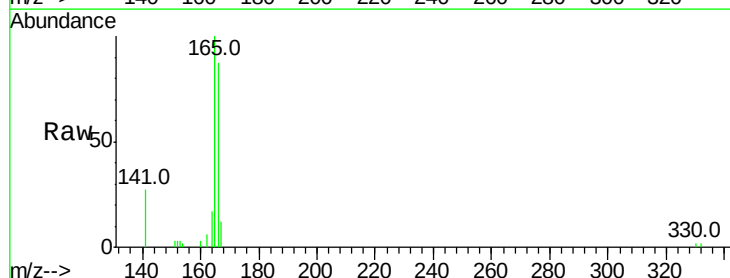
Tgt Ion:166 Resp: 4367

Ion Ratio Lower Upper

166 100

165 100.2 77.2 115.8

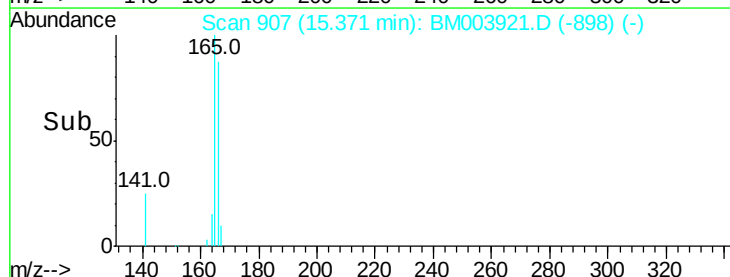
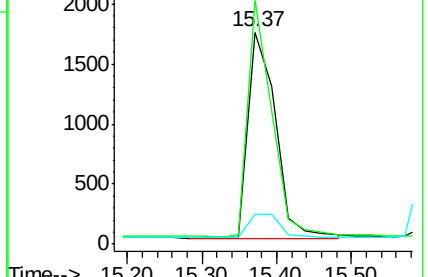
167 13.1 11.0 16.6

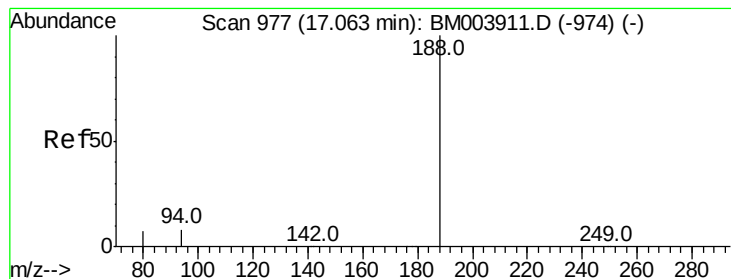


Abundance Ion 166.00 (165.70 to 166.70): E

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: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

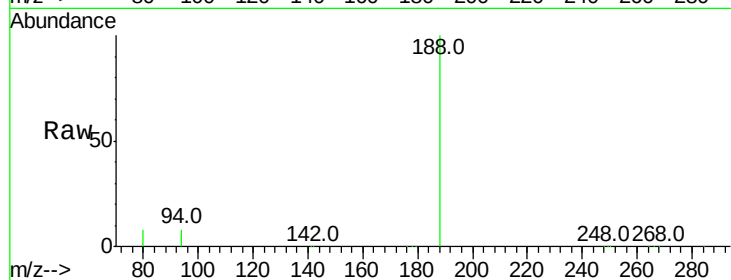
Tot Ion:188 Resp: 200587

Ion Ratio Lower Upper

188 100

94 8.3 20.3 30.5#

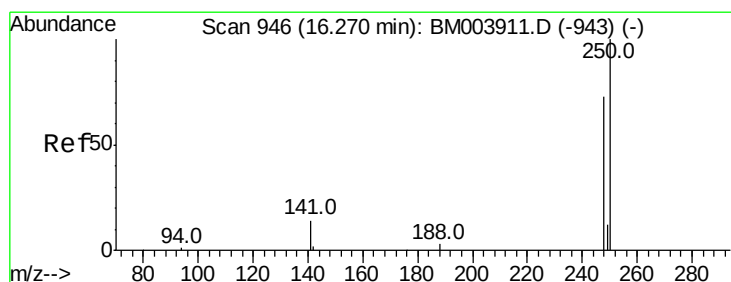
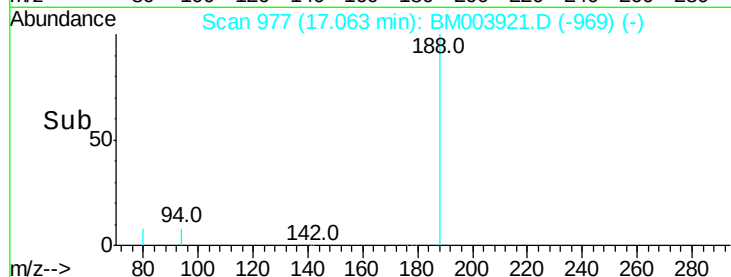
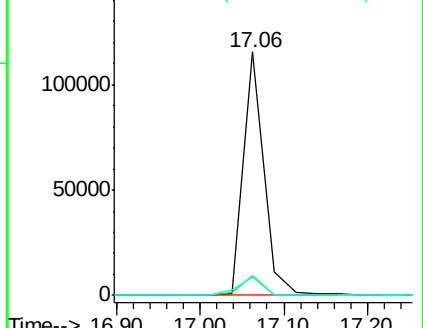
80 7.7 22.2 33.4#



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: 0.19 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

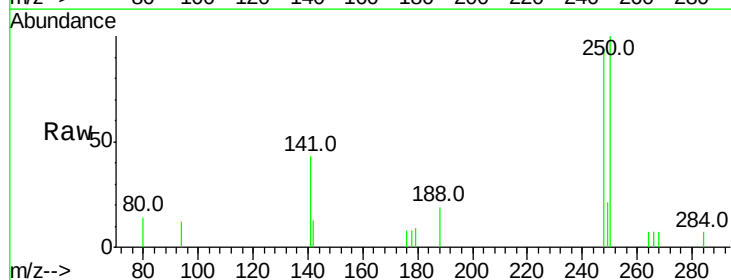
Tgt Ion:248 Resp: 1195

Ion Ratio Lower Upper

248 100

250 100.1 75.0 112.4

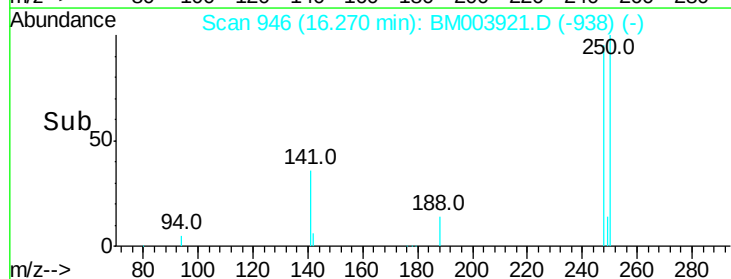
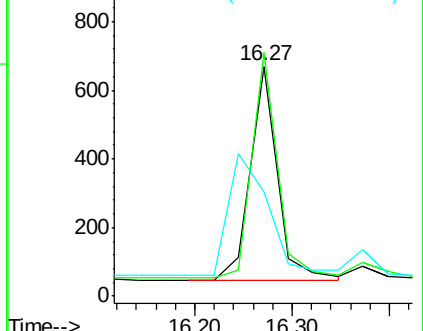
141 0.0 53.0 79.4#

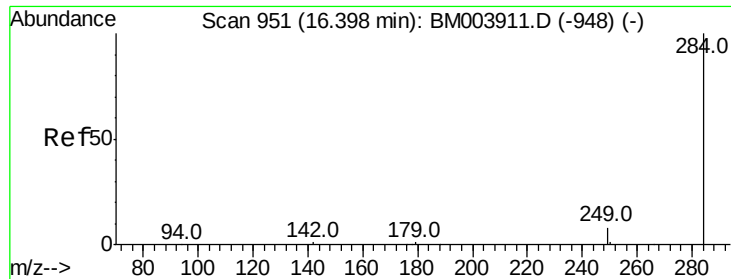


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

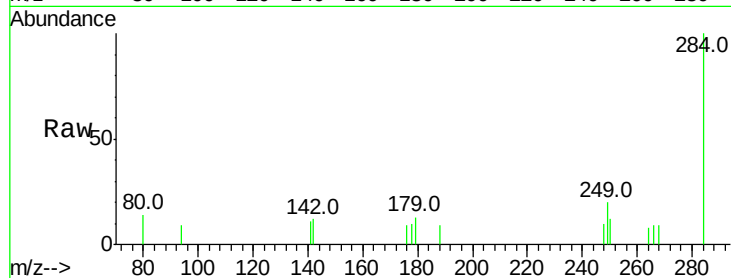




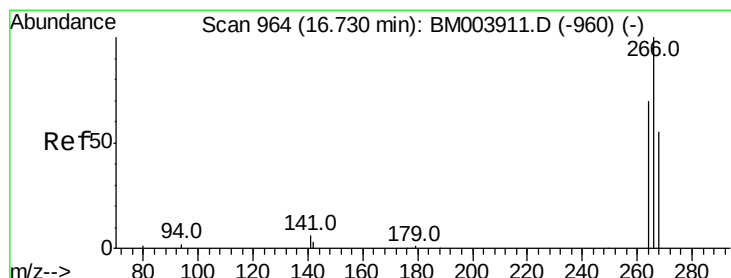
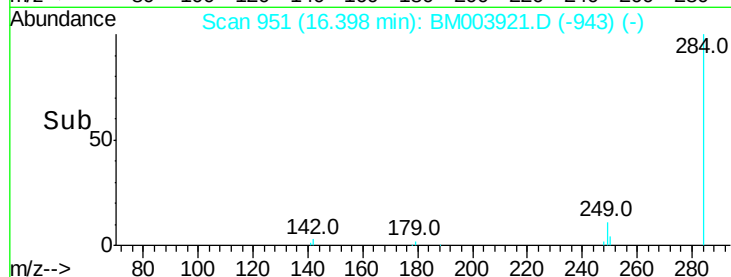
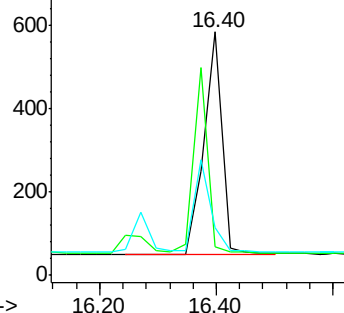
#21
Hexachlorobenzene
Concen: 0.18 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003921.D
Acq: 31 Dec 2015 19:16

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:284 Resp: 1175
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 21.5 32.3#

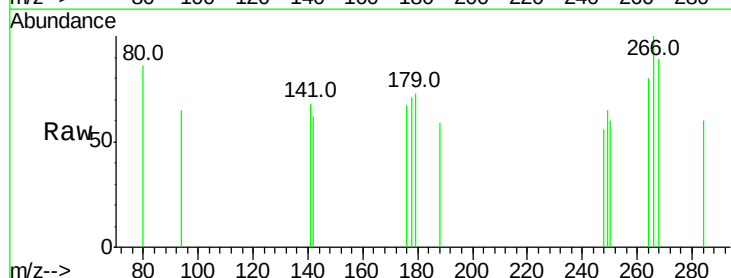


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

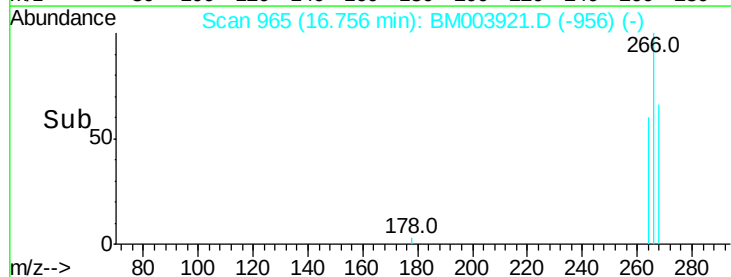
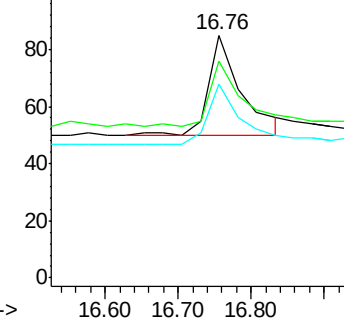


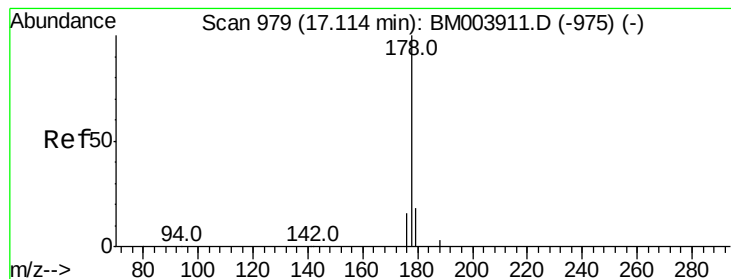
#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.03 min
Lab File: BM003921.D
Acq: 31 Dec 2015 19:16

Tgt Ion:266 Resp: 110
Ion Ratio Lower Upper
266 100
268 89.4 62.7 94.1
264 80.0 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: 0.13 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

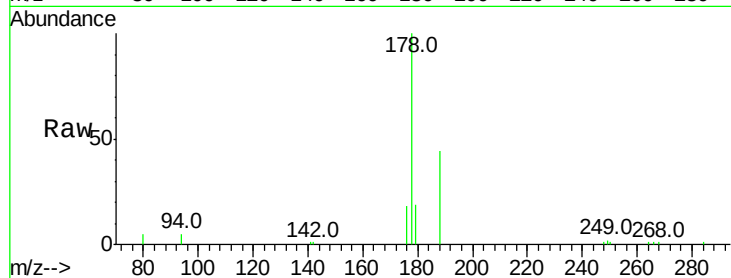
Tot Ion:178 Resp: 7682

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

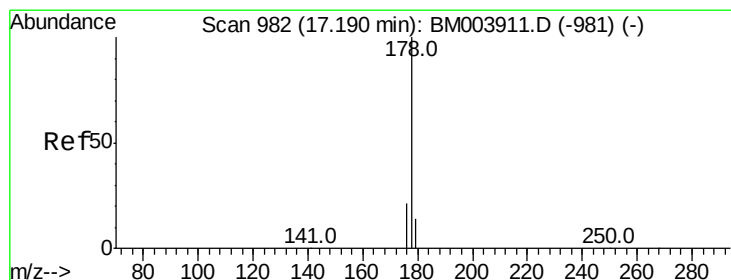
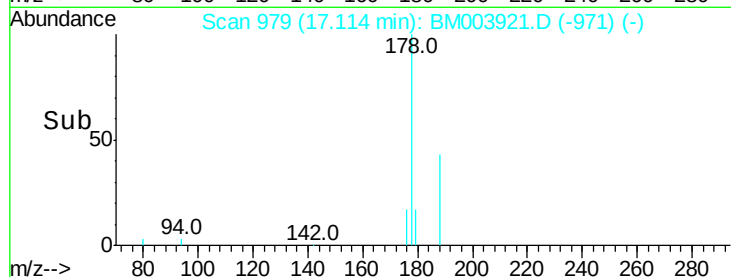
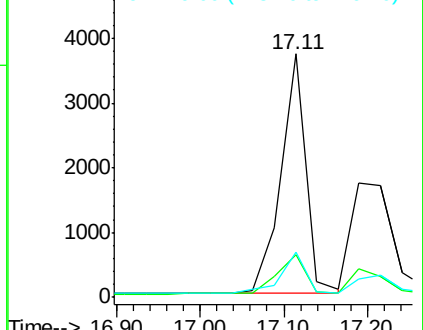
179 17.7 12.2 18.4



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: 0.15 ng m

RT: 17.19 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

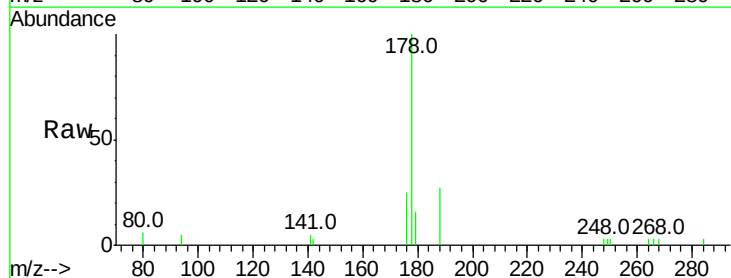
Tgt Ion:178 Resp: 6227

Ion Ratio Lower Upper

178 100

176 22.7 14.6 21.8#

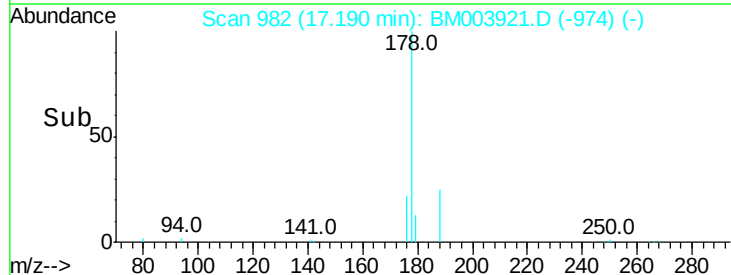
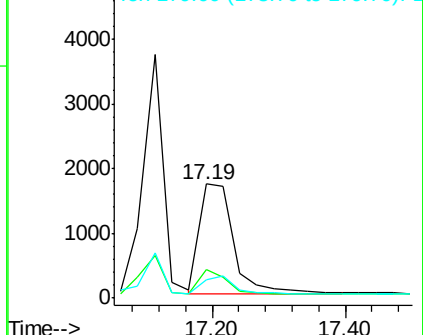
179 21.6 12.6 19.0#

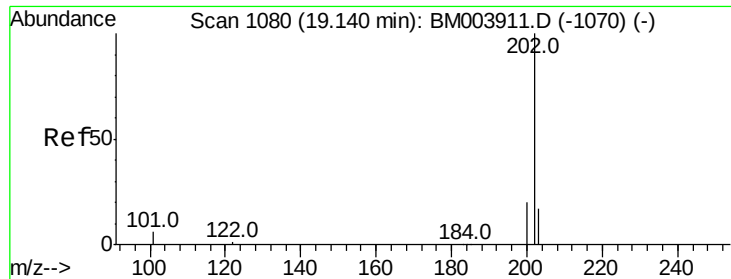


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.17 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

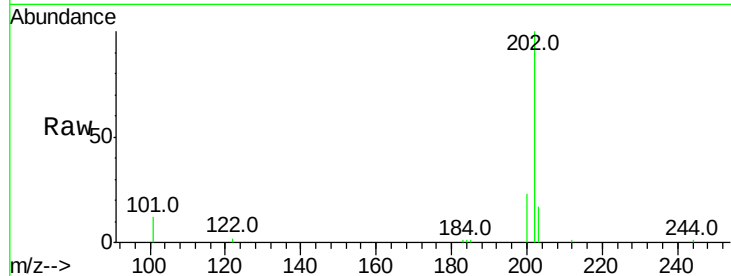
Tot Ion:202 Resp: 7376

Ion Ratio Lower Upper

202 100

101 11.6 9.7 14.5

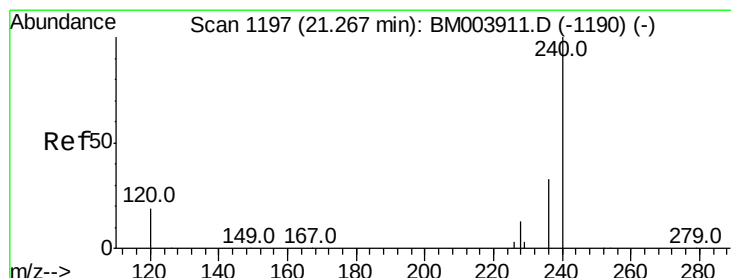
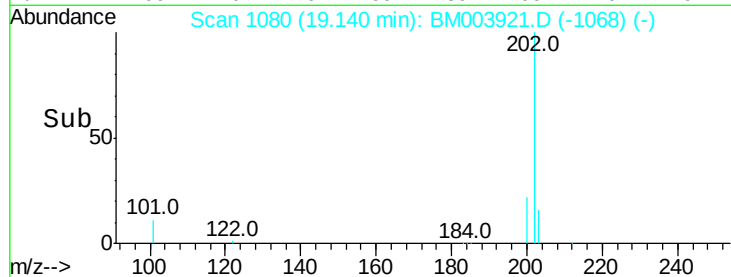
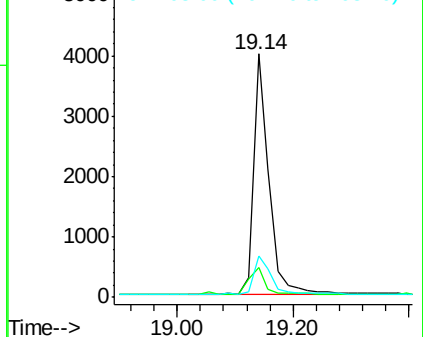
203 17.4 13.8 20.8



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: BM003921.D

Acq: 31 Dec 2015 19:16

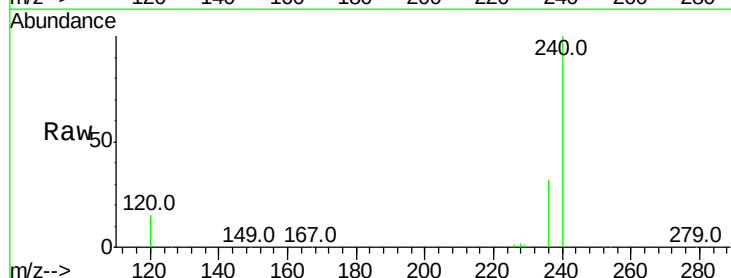
Tgt Ion:240 Resp: 125721

Ion Ratio Lower Upper

240 100

120 14.7 0.9 1.3#

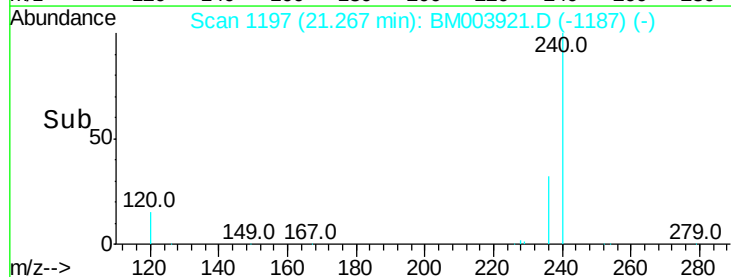
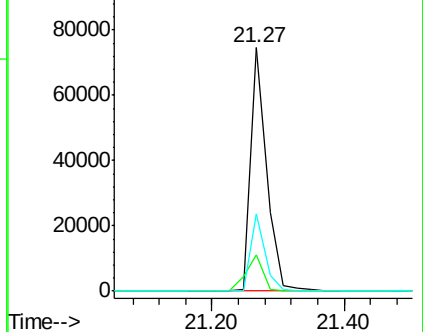
236 31.6 17.3 25.9#

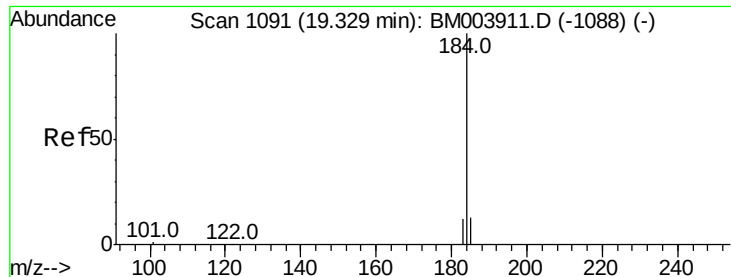


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.17 ng

RT: 19.36 min Scan# 1093

Delta R.T. 0.03 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

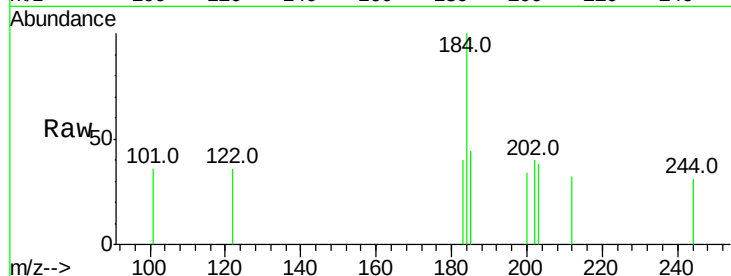
Tot Ion:184 Resp: 477

Ion Ratio Lower Upper

184 100

185 43.5 13.2 19.8#

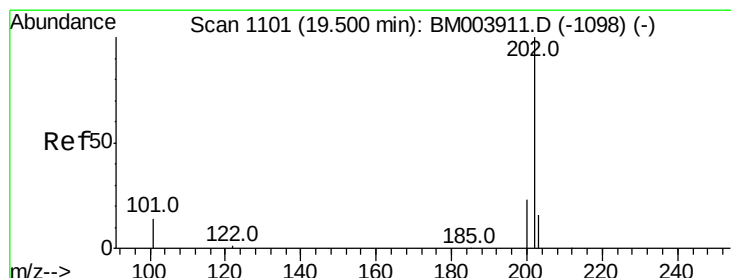
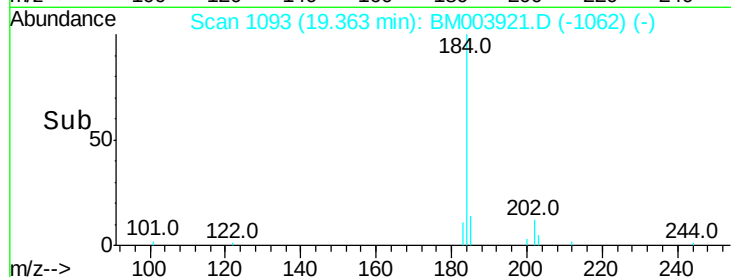
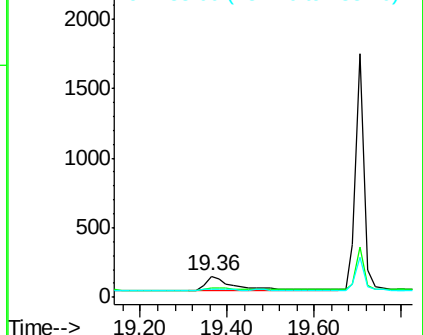
183 40.3 9.0 13.6#



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: 0.17 ng

RT: 19.50 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

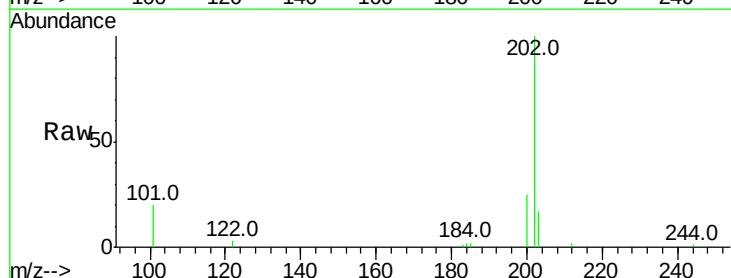
Tgt Ion:202 Resp: 7573

Ion Ratio Lower Upper

202 100

200 21.2 16.6 24.8

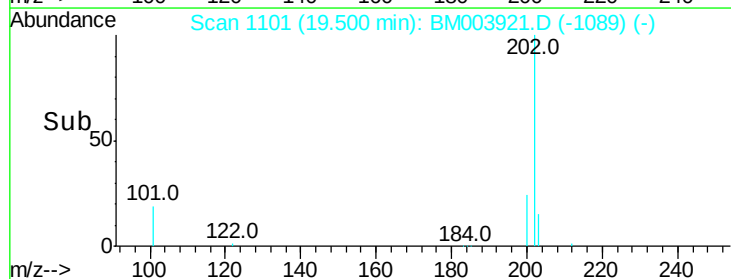
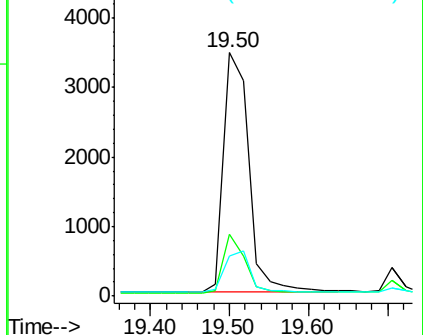
203 18.2 14.0 21.0

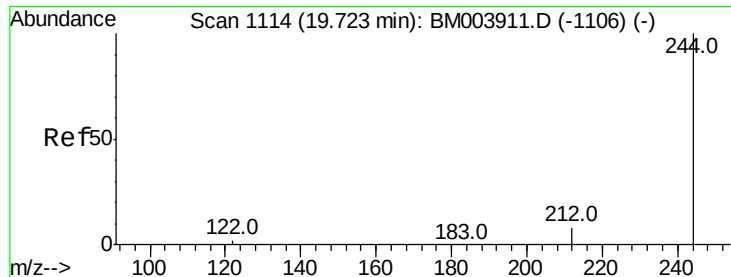


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.64 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

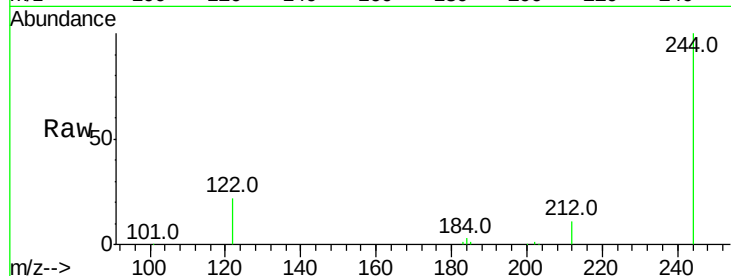
Tot Ion:244 Resp: 94355

Ion Ratio Lower Upper

244 100

212 11.5 7.0 10.6#

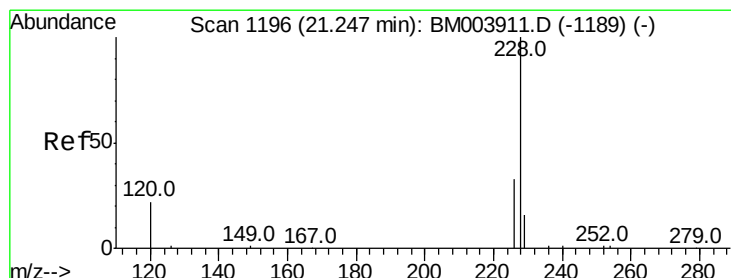
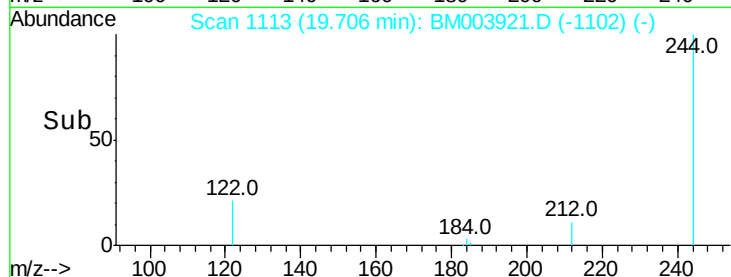
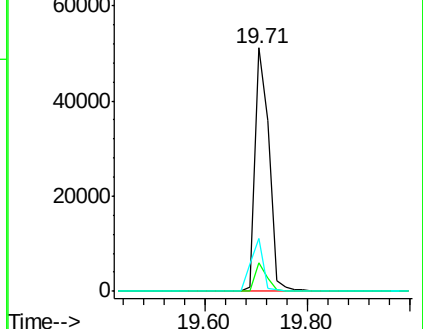
122 21.5 3.0 4.6#



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: 0.18 ng m

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

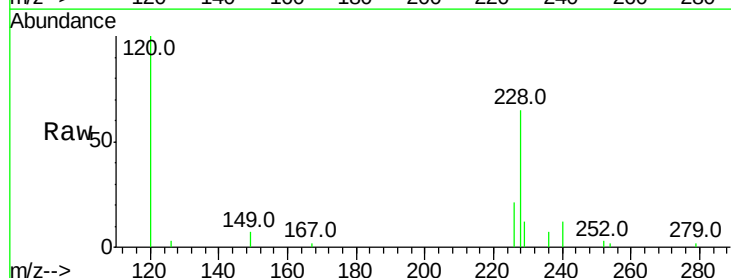
Tgt Ion:228 Resp: 6373

Ion Ratio Lower Upper

228 100

226 33.0 17.2 25.8#

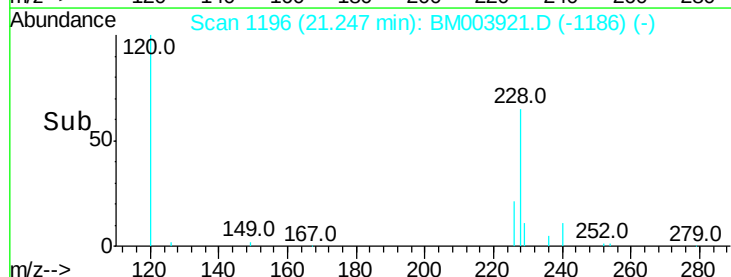
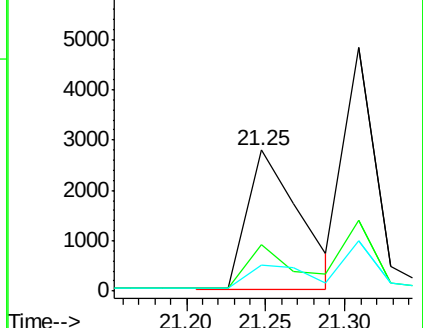
229 18.1 18.7 28.1#

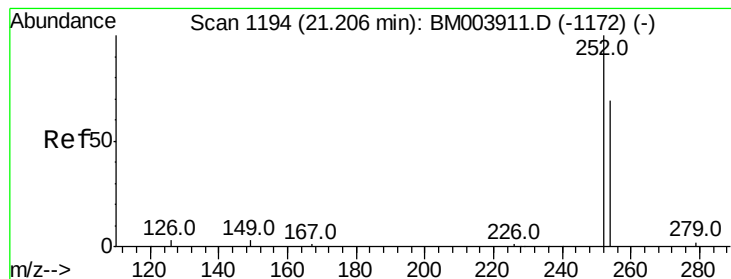


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

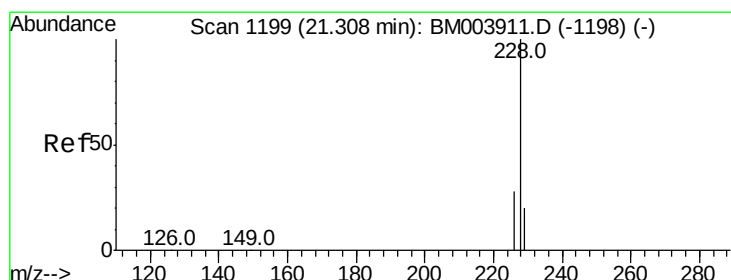
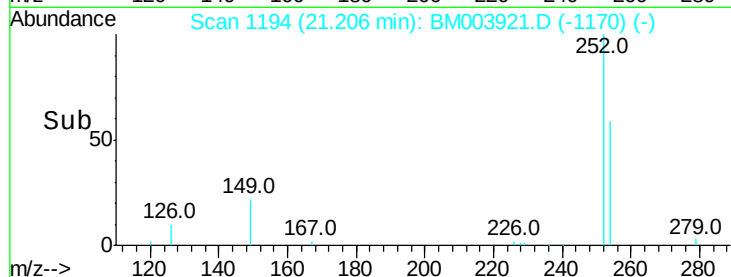
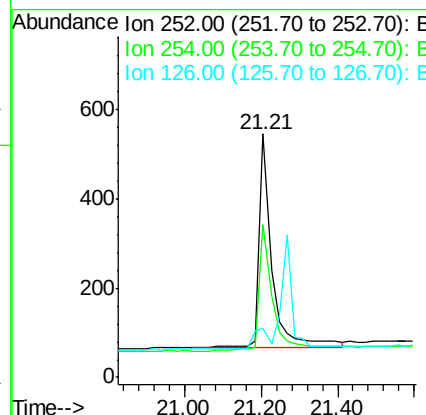
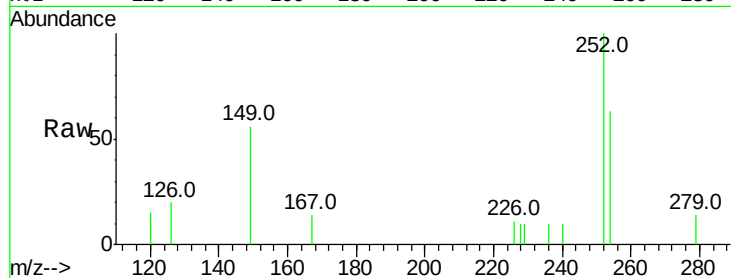




#31
 3,3'-Dichlorobenzidine
 Concen: 0.33 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003921.D
 Acq: 31 Dec 2015 19:16

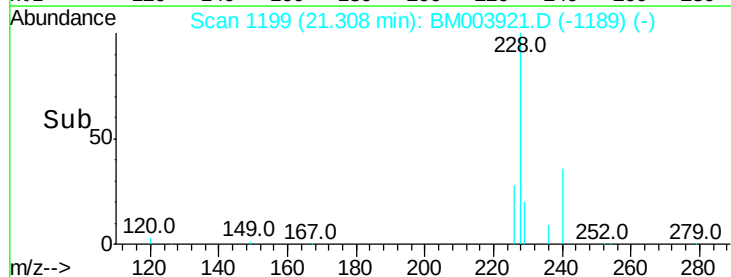
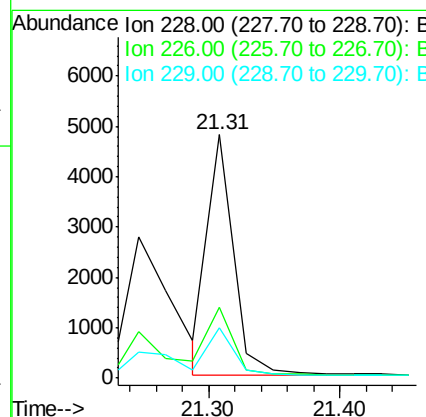
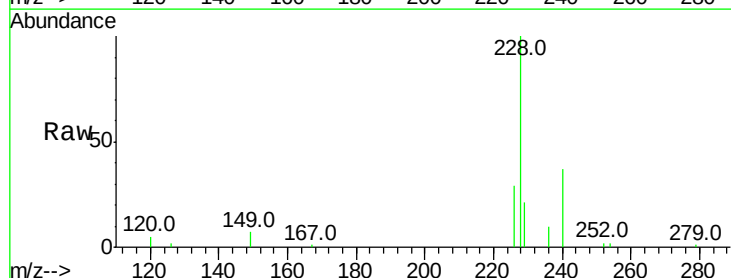
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER2016-02

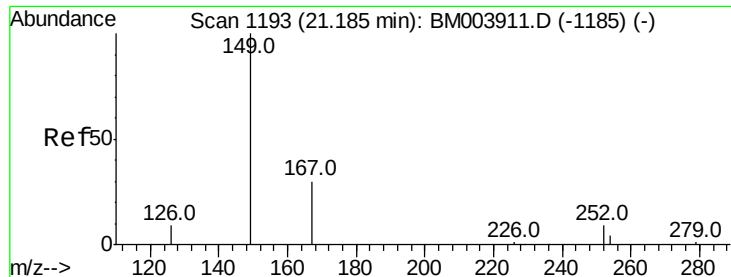
Tot Ion:252 Resp: 1077
 Ion Ratio Lower Upper
 252 100
 254 62.8 52.6 79.0
 126 20.1 3.7 5.5#



#32
 Chrysene
 Concen: 0.18 ng m
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM003921.D
 Acq: 31 Dec 2015 19:16

Tgt Ion:228 Resp: 6712
 Ion Ratio Lower Upper
 228 100
 226 28.9 25.3 37.9
 229 20.6 14.5 21.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.43 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

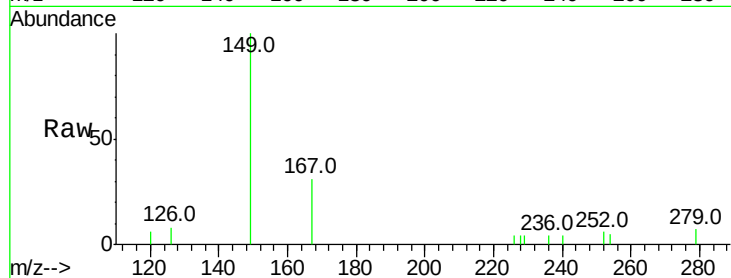
Tot Ion:149 Resp: 1981

Ion Ratio Lower Upper

149 100

167 25.2 20.1 30.1

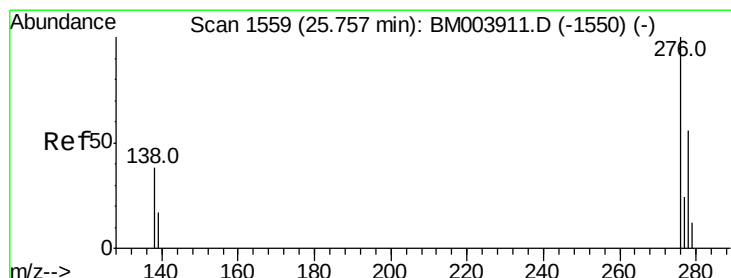
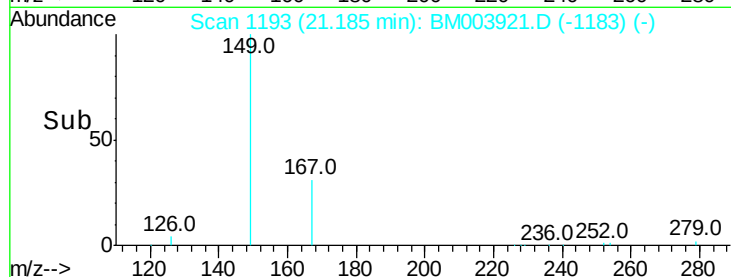
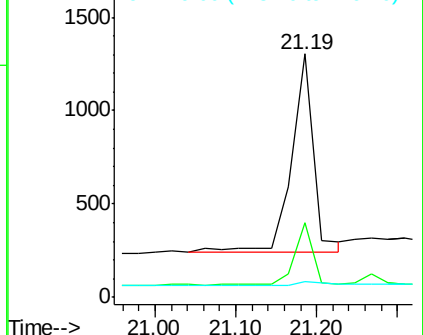
279 3.8 0.0 0.0#



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: 0.17 ng

RT: 25.77 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

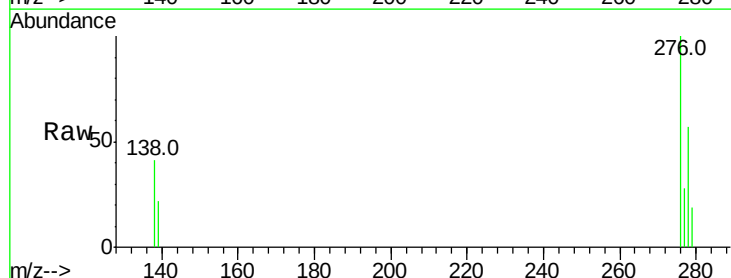
Tgt Ion:276 Resp: 4477

Ion Ratio Lower Upper

276 100

138 38.3 30.2 45.2

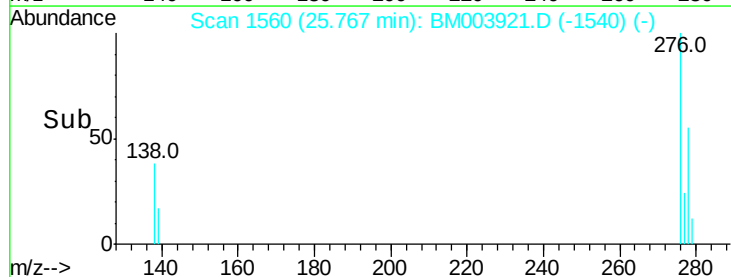
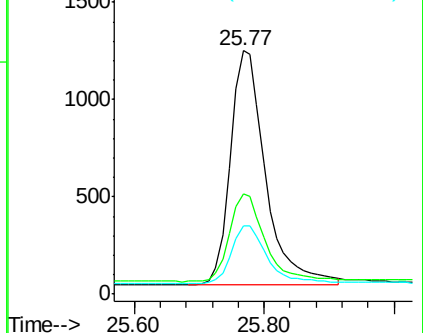
277 24.5 19.8 29.8

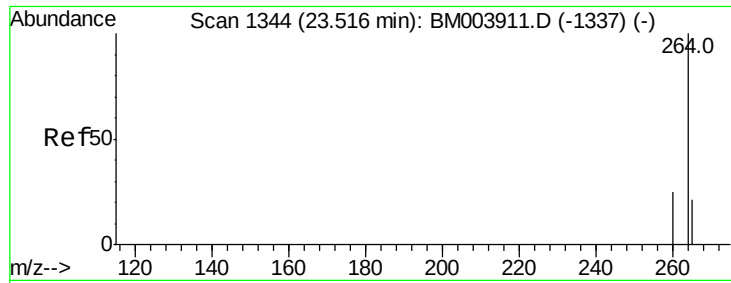


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

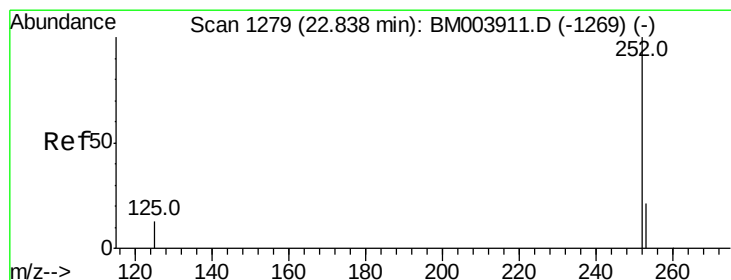
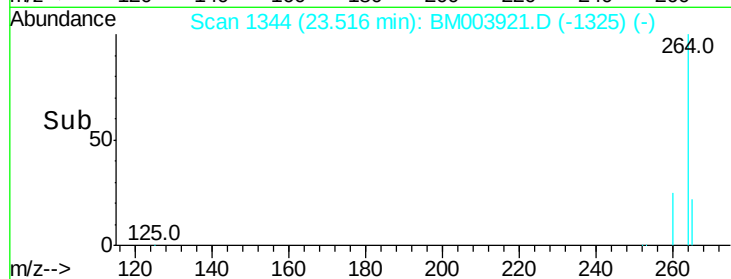
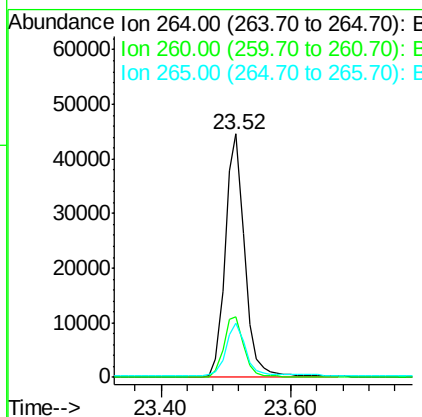
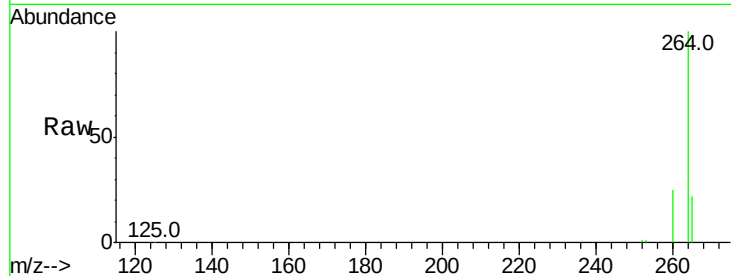




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BM003921.D
 Acq: 31 Dec 2015 19:16

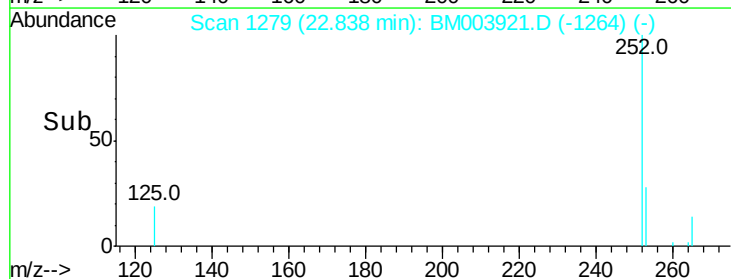
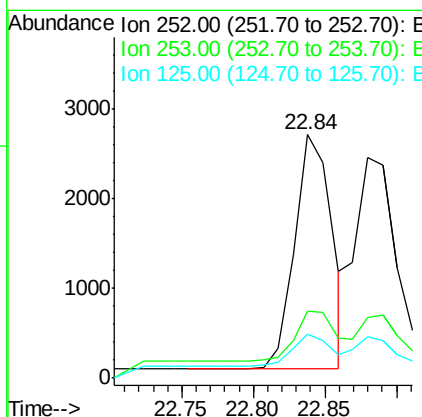
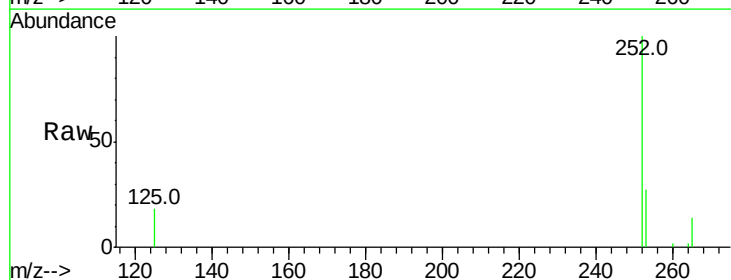
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER2016-02

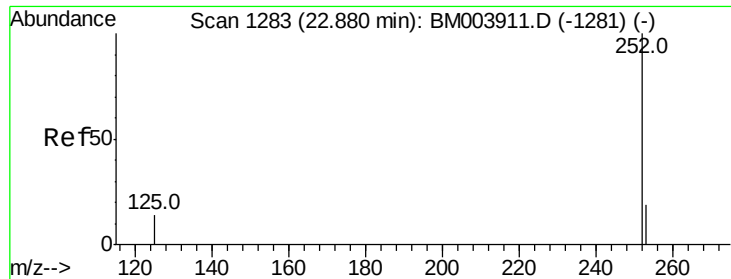
Tot Ion:264 Resp: 91831
 Ion Ratio Lower Upper
 264 100
 260 24.7 21.2 31.8
 265 22.4 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.17 ng
 RT: 22.84 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BM003921.D
 Acq: 31 Dec 2015 19:16

Tgt Ion:252 Resp: 4699
 Ion Ratio Lower Upper
 252 100
 253 27.3 18.8 28.2
 125 18.1 10.2 15.4#





#37

Benzo(k)fluoranthene

Concen: 0.18 ng

RT: 22.88 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

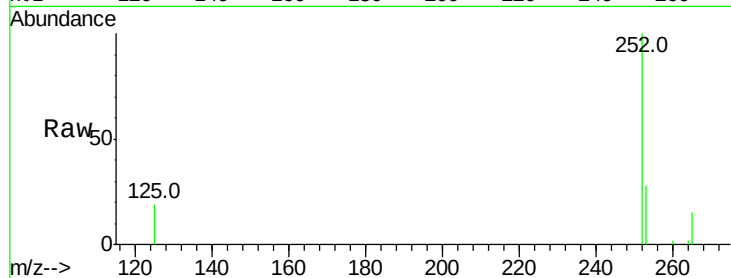
Tot Ion:252 Resp: 4977

Ion Ratio Lower Upper

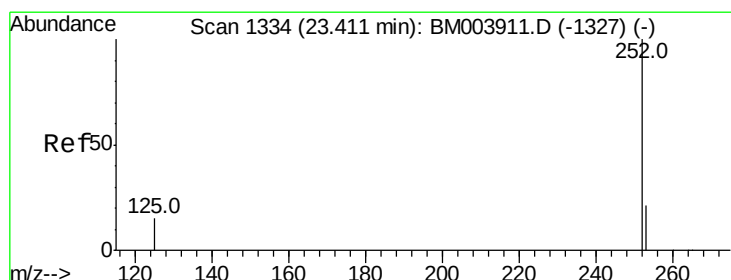
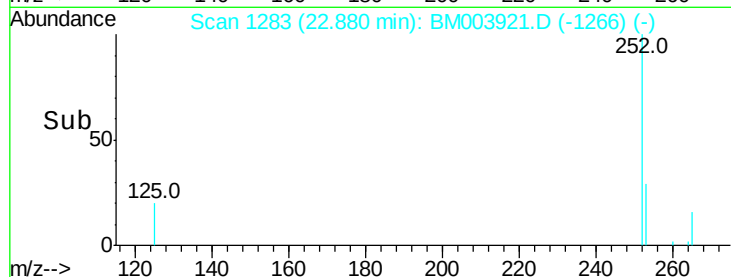
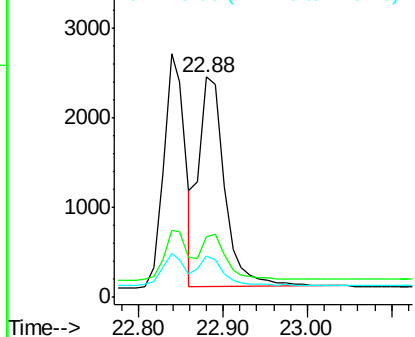
252 100

253 27.7 18.3 27.5#

125 18.8 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: 0.16 ng

RT: 23.41 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

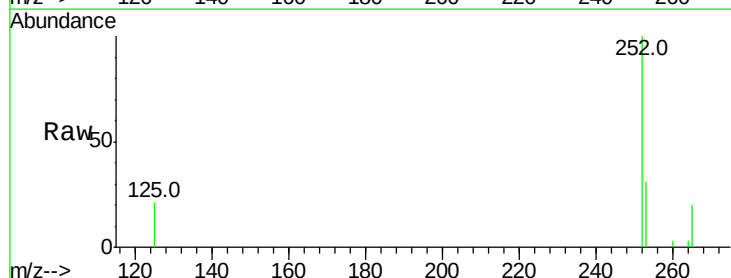
Tgt Ion:252 Resp: 3919

Ion Ratio Lower Upper

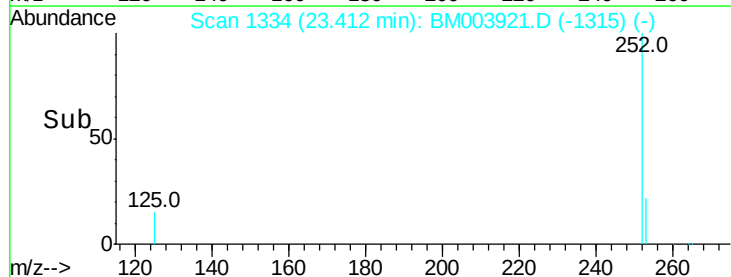
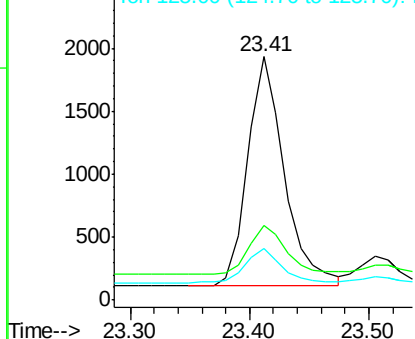
252 100

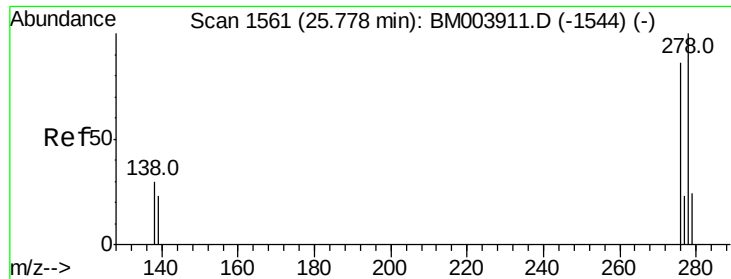
253 30.6 18.7 28.1#

125 21.1 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: 0.17 ng

RT: 25.79 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2016-02

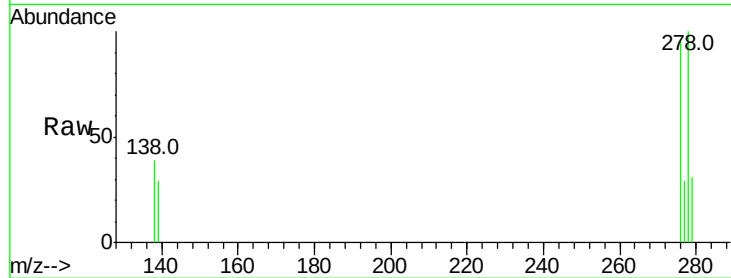
Tot Ion:278 Resp: 3552

Ion Ratio Lower Upper

278 100

139 29.5 19.0 28.6#

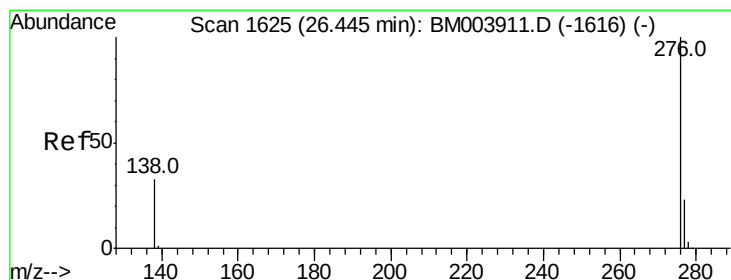
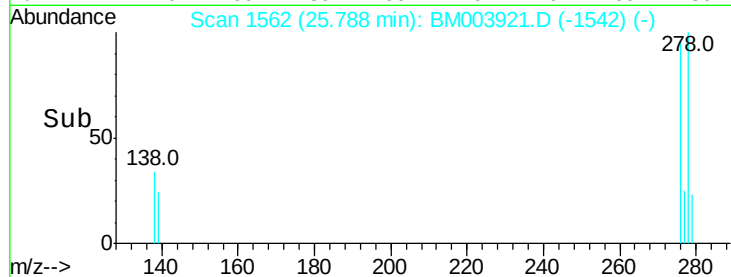
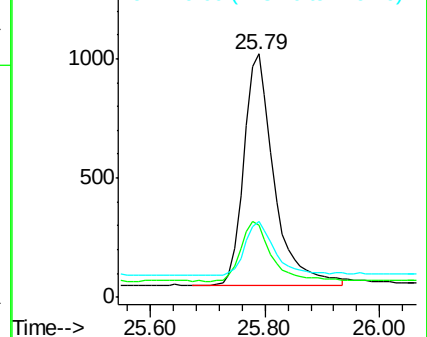
279 31.0 19.6 29.4#



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: 0.19 ng

RT: 26.46 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BM003921.D

Acq: 31 Dec 2015 19:16

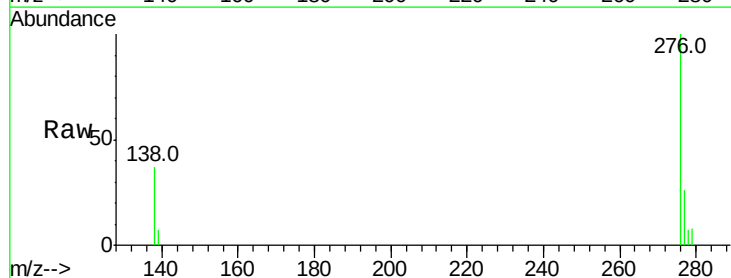
Tgt Ion:276 Resp: 4149

Ion Ratio Lower Upper

276 100

277 26.4 19.1 28.7

138 36.6 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

