

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101717\
 Data File : BE094434.D
 Acq On : 17 Oct 2017 18:00
 Operator : SJ/JU
 Sample : I5275-06
 Misc : LOQ 0.2 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

Quant Time: Oct 17 20:19:33 2017
 Quant Method : Z:\HPCHEM1\BNA_E\Methods\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1237	0.40	ng	-0.02
7) Naphthalene-d8	10.71	136	6534	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	4044	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7213	0.40	ng	0.00
27) Chrysene-d12	21.43	240	9755	0.40	ng	0.00
34) Perylene-d12	23.96	264	9280	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1481	0.35	ng	0.00
5) Phenol-d6	7.12	99	2110	0.32	ng	0.00
8) Nitrobenzene-d5	9.08	82	2001	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	3848	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	434	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5291	0.37	ng	0.02
25) Fluoranthene-d10	19.29	212	40435	0.35	ng	0.00
29) Terphenyl-d14	19.87	244	6818	0.35	ng	0.00

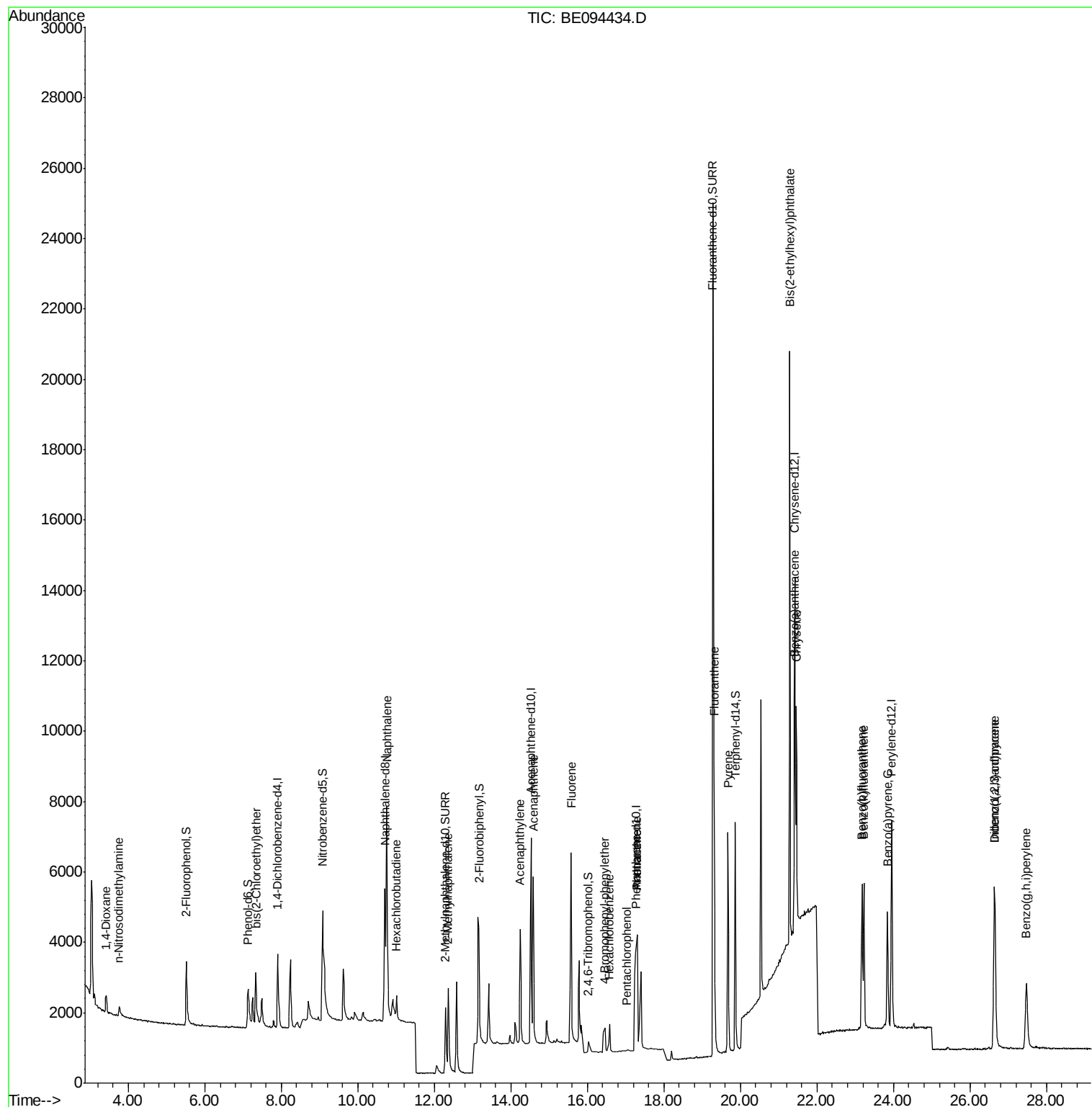
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	525	0.212	ng	# 78
3) n-Nitrosodimethylamine	3.75	42	360	0.167	ng	# 88
6) bis(2-Chloroethyl)ether	7.34	93	898	0.186	ng	87
9) Naphthalene	10.76	128	14765	0.202	ng	99
10) Hexachlorobutadiene	11.01	225	580	0.199	ng	96
12) 2-Methylnaphthalene	12.36	142	2499	0.207	ng	99
16) Acenaphthylene	14.24	152	4246	0.194	ng	100
17) Acenaphthene	14.58	154	2745	0.199	ng	98
18) Fluorene	15.58	166	3471	0.195	ng	97
20) 4-Bromophenyl-phenylether	16.45	248	763	0.211	ng	# 60
21) Hexachlorobenzene	16.58	284	1230	0.189	ng	# 59
22) Pentachlorophenol	17.04	266	78	0.259	ng	97
23) Phenanthrene	17.30	178	6033	0.212	ng	98
24) Anthracene	17.30	178	6018	0.274	ng	97
26) Fluoranthene	19.32	202	6537	0.186	ng	99
28) Pyrene	19.67	202	6951	0.189	ng	100
30) Benzo(a)anthracene	21.40	228	6527	0.193	ng	# 66
31) Chrysene	21.46	228	6491	0.200	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.29	149	17983	0.185	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	6432	0.197	ng	99
35) Benzo(b)fluoranthene	23.18	252	6107	0.194	ng	# 48
36) Benzo(k)fluoranthene	23.23	252	6344	0.205	ng	# 49
37) Benzo(a)pyrene	23.84	252	5711	0.193	ng	# 44
38) Dibenzo(a,h)anthracene	26.65	278	5413	0.193	ng	# 55
39) Benzo(g,h,i)perylene	27.48	276	5315	0.197	ng	# 64

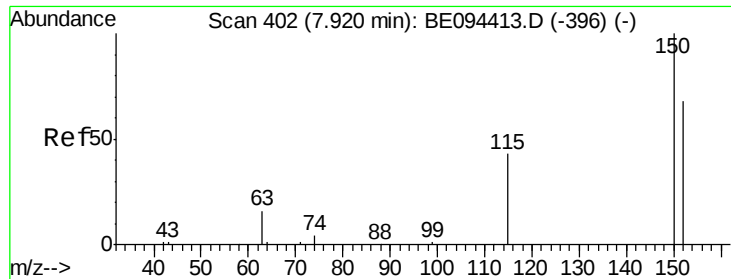
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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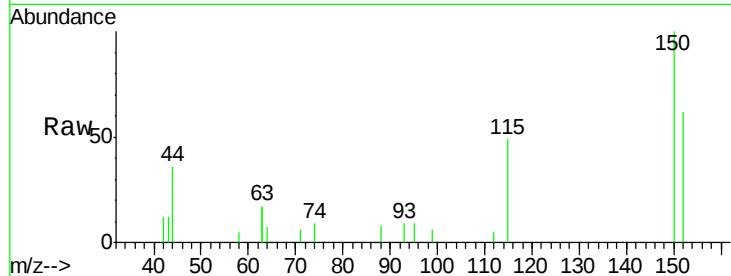




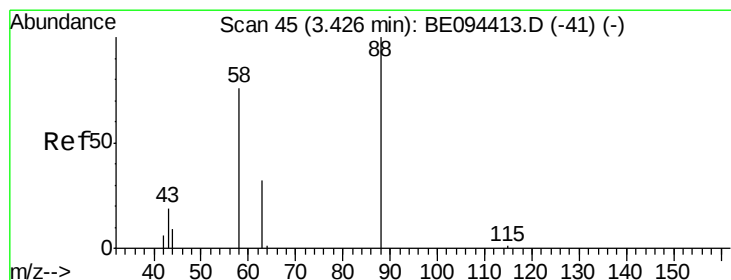
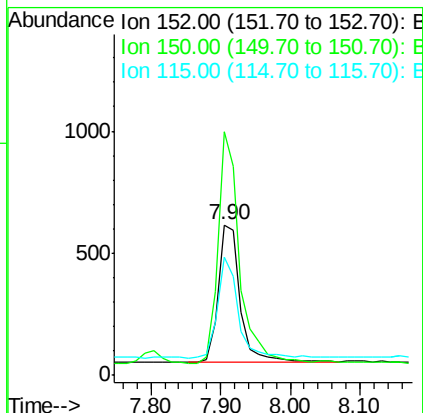
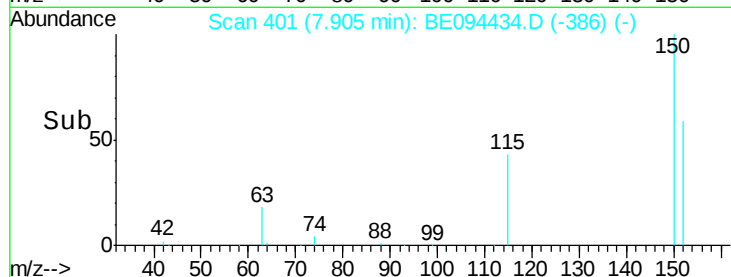
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.02 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017



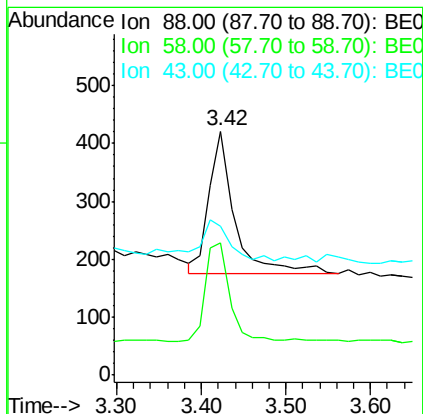
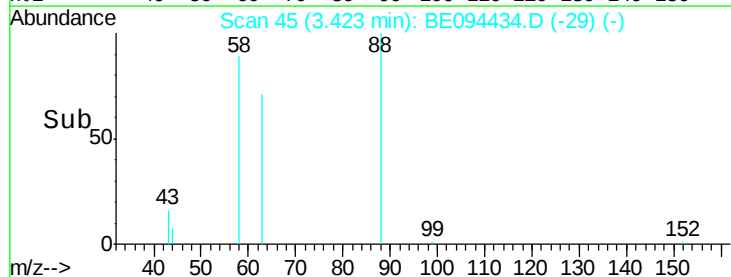
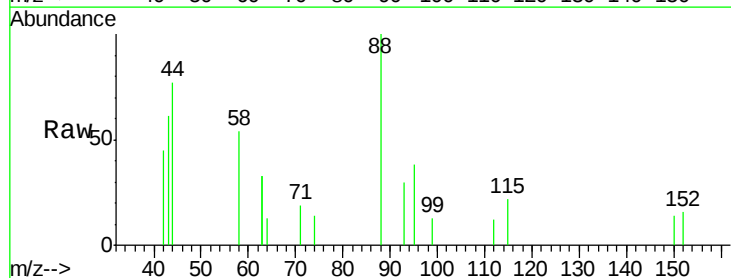
Tgt Ion: 152 Resp: 1237
Ion Ratio Lower Upper
152 100
150 161.6 117.2 175.8
115 78.8 57.0 85.6

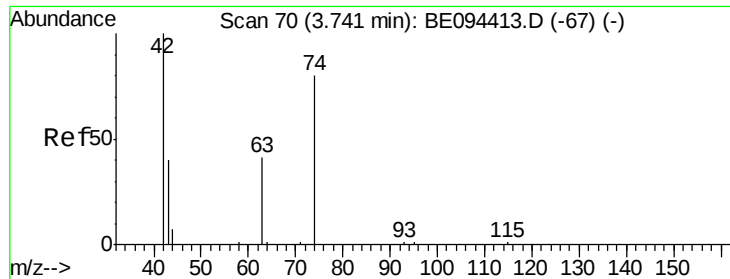


#2

1,4-Dioxane
Concen: 0.212 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion: 88 Resp: 525
Ion Ratio Lower Upper
88 100
58 66.1 63.2 94.8
43 28.6 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.167 ng

RT: 3.75 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

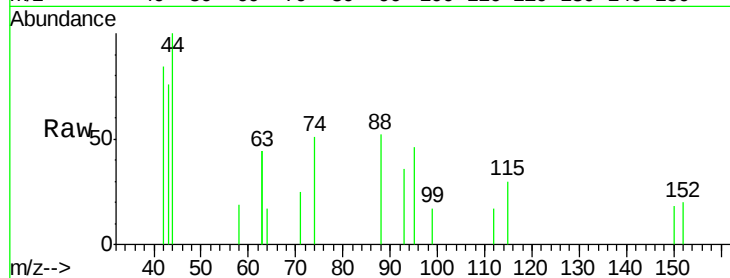
Tgt Ion: 42 Resp: 360

Ion Ratio Lower Upper

42 100

74 137.5 100.3 150.5

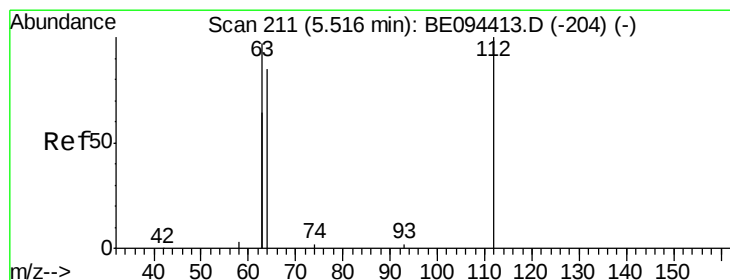
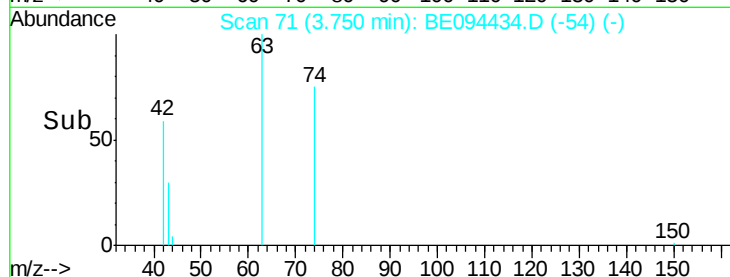
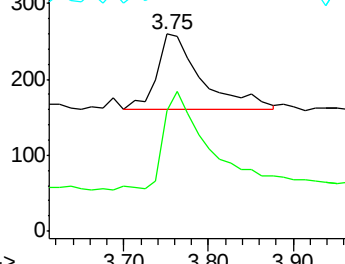
44 12.8 17.0 25.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.354 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

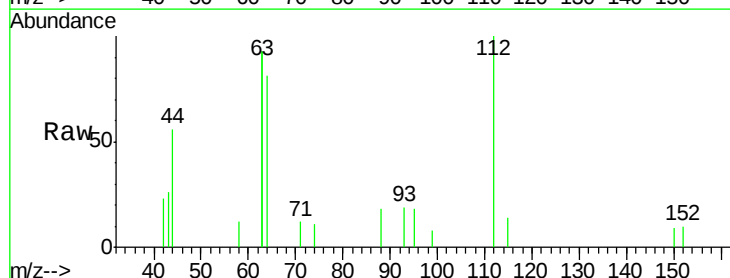
Tgt Ion: 112 Resp: 1481

Ion Ratio Lower Upper

112 100

64 74.5 60.1 90.1

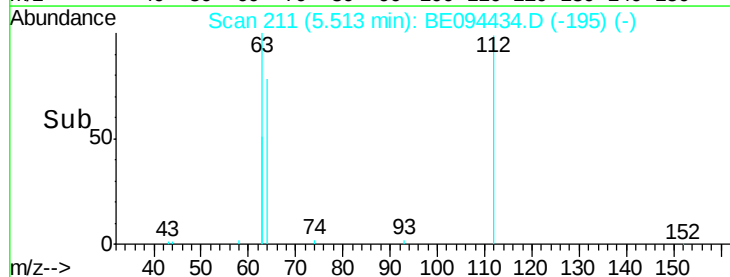
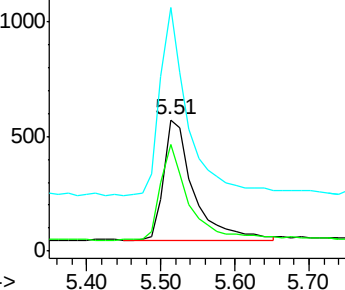
63 144.6 116.8 175.2

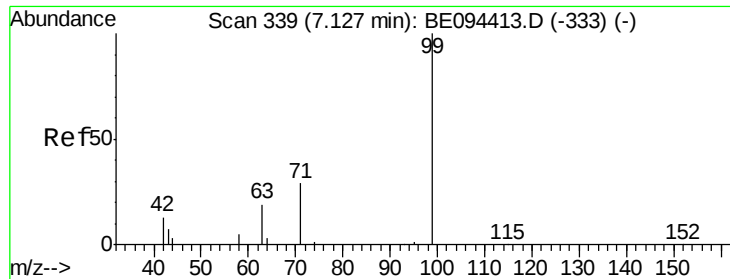


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.324 ng

RT: 7.12 min Scan# 339

Delta R.T. -0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

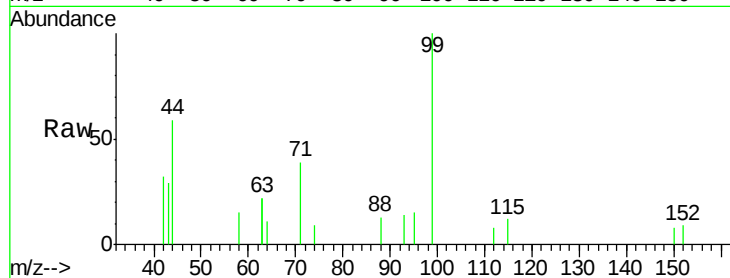
Tgt Ion: 99 Resp: 2110

Ion Ratio Lower Upper

99 100

42 22.5 20.2 30.2

71 33.6 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.12

600

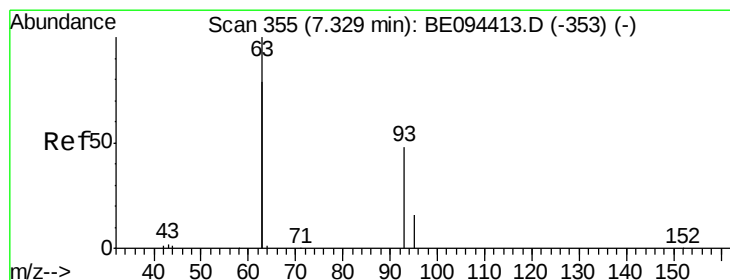
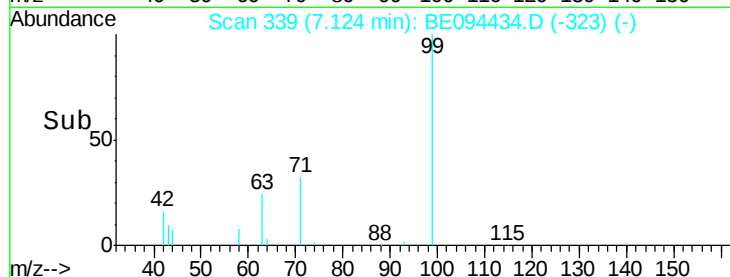
400

200

0

7.00 7.10 7.20 7.30

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.186 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

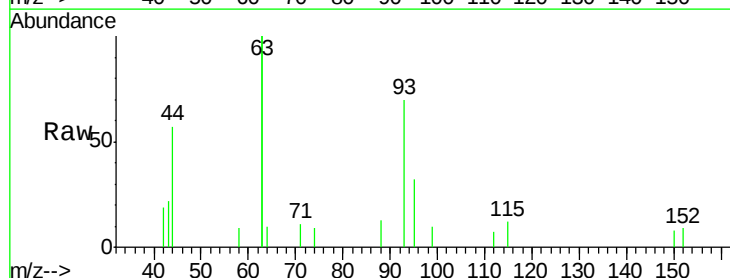
Tgt Ion: 93 Resp: 898

Ion Ratio Lower Upper

93 100

63 313.3 275.3 412.9

95 33.5 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.34

1500

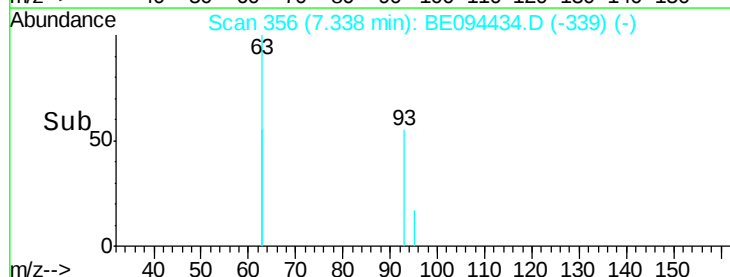
1000

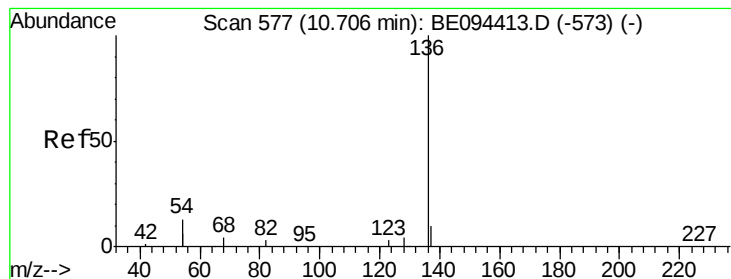
500

0

7.30 7.40 7.50

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

Tgt Ion: 136 Resp: 6534

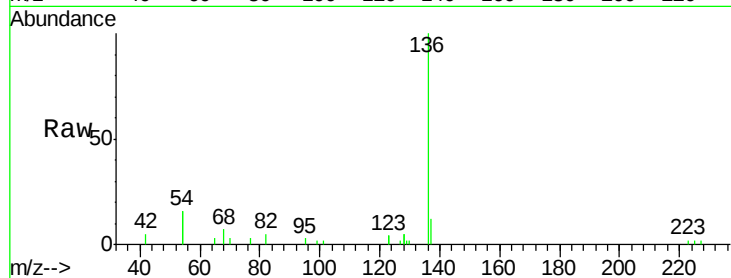
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 32.7 29.1 43.7

68 6.9 6.2 9.2

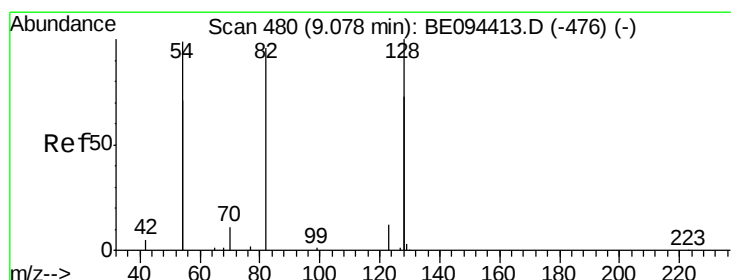
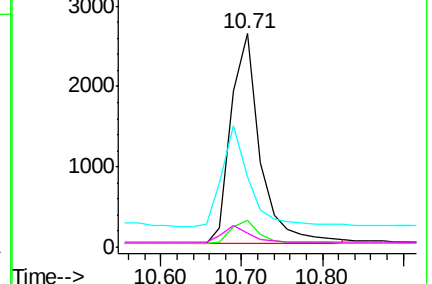
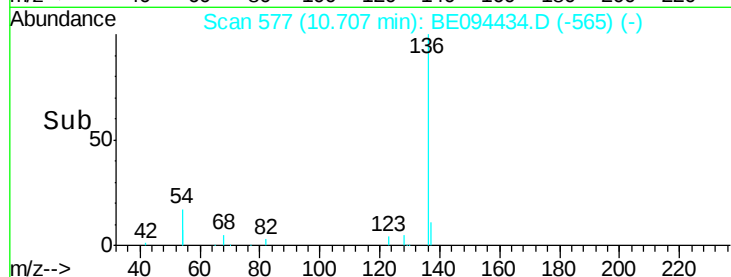


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.352 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

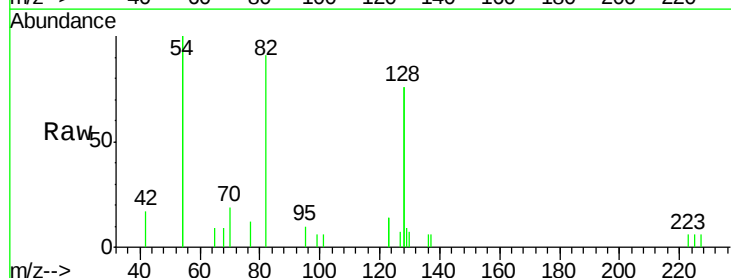
Tgt Ion: 82 Resp: 2001

Ion Ratio Lower Upper

82 100

128 165.6 150.0 225.0

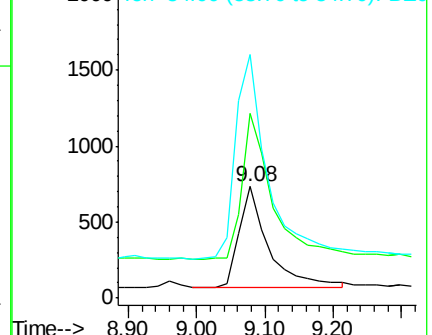
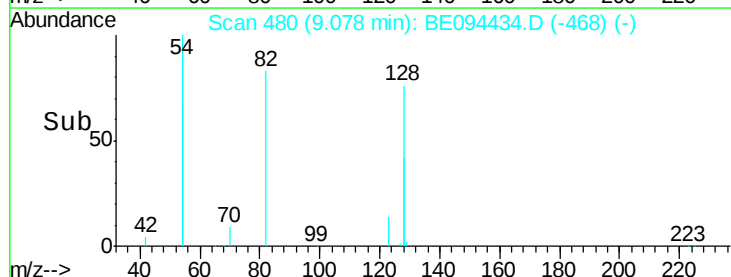
54 218.9 154.2 231.4

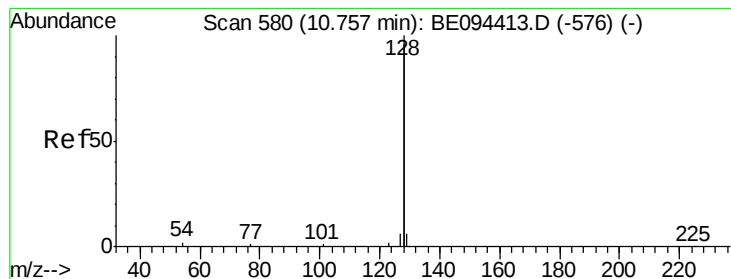


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.202 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

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ClientSampleId :

LOQ-WATER-06-QT4-2017

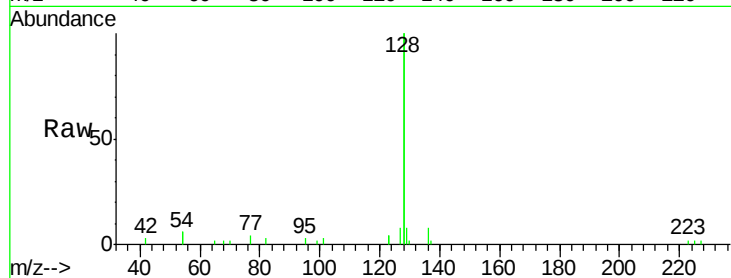
Tgt Ion:128 Resp: 14765

Ion Ratio Lower Upper

128 100

129 3.8 2.6 3.8

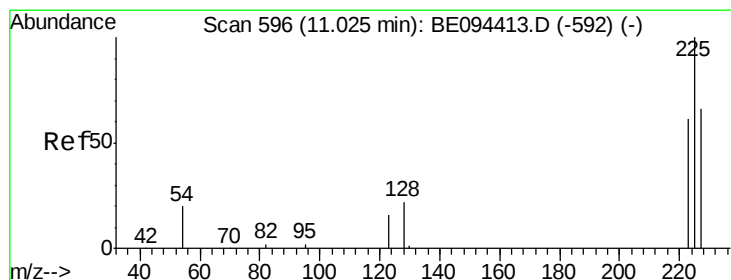
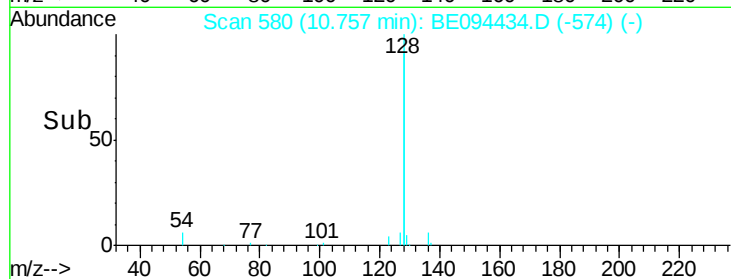
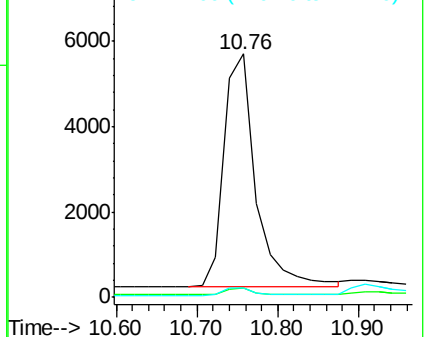
127 3.9 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.199 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

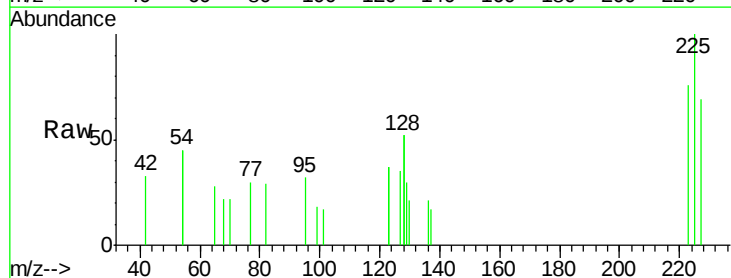
Tgt Ion:225 Resp: 580

Ion Ratio Lower Upper

225 100

223 60.7 53.0 79.6

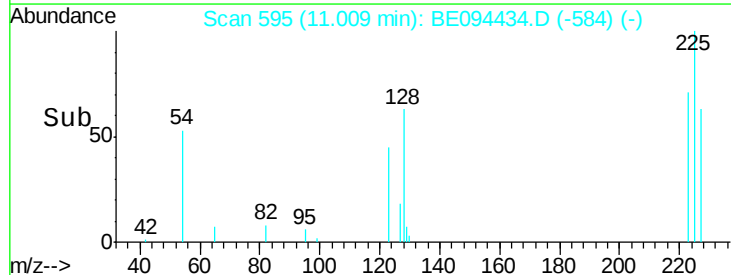
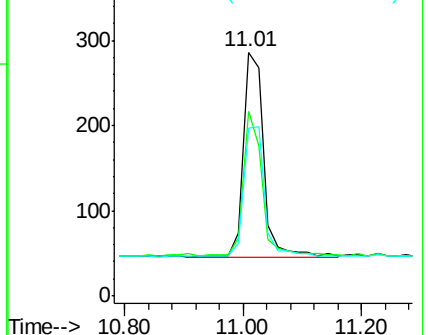
227 64.7 51.4 77.2



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





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

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ClientSampleId :

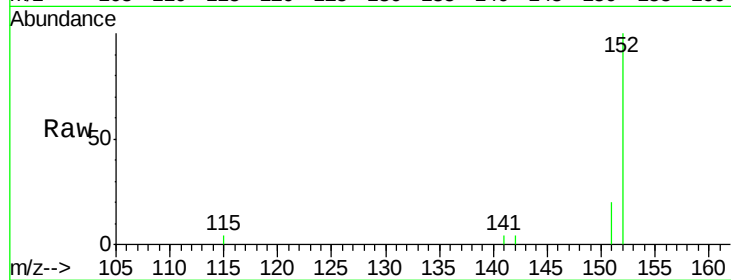
LOQ-WATER-06-QT4-2017

Tgt Ion:152 Resp: 3848

Ion Ratio Lower Upper

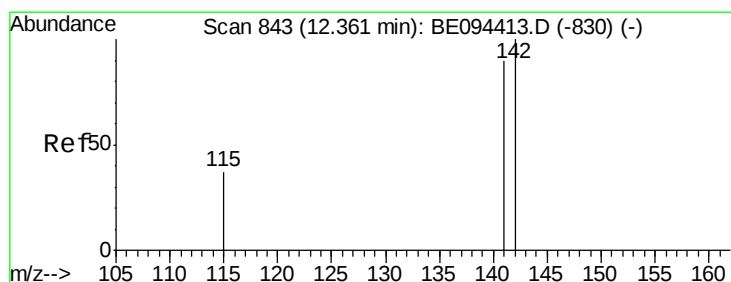
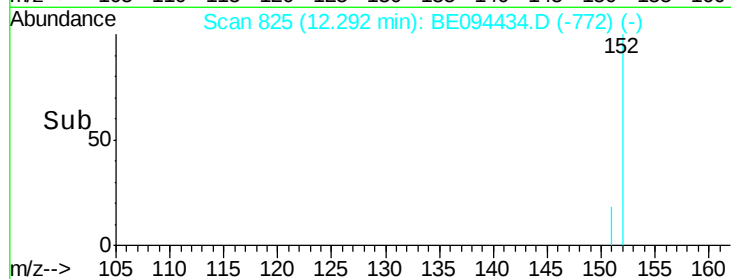
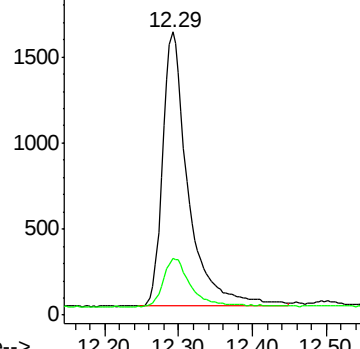
152 100

151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.207 ng

RT: 12.36 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

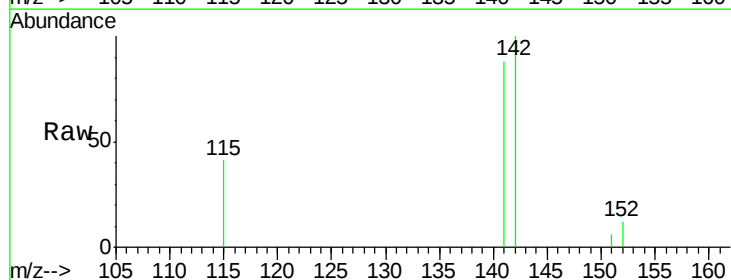
Tgt Ion:142 Resp: 2499

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

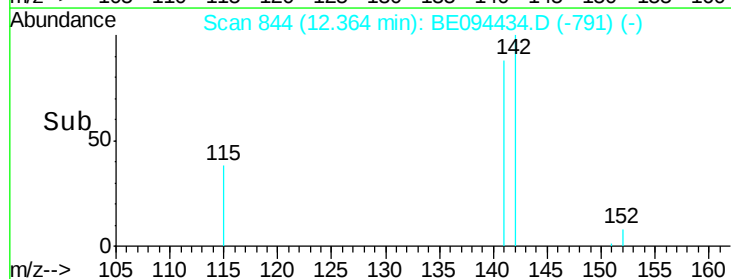
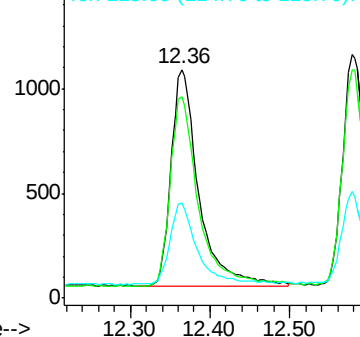
115 41.5 31.7 47.5

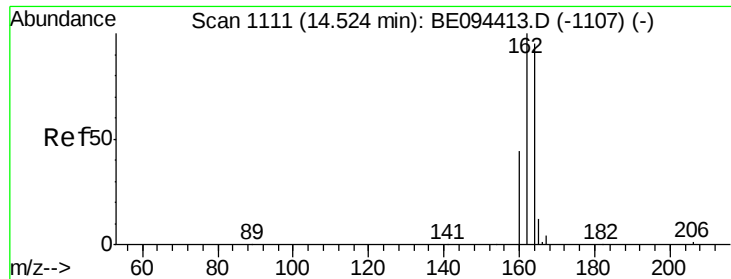


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

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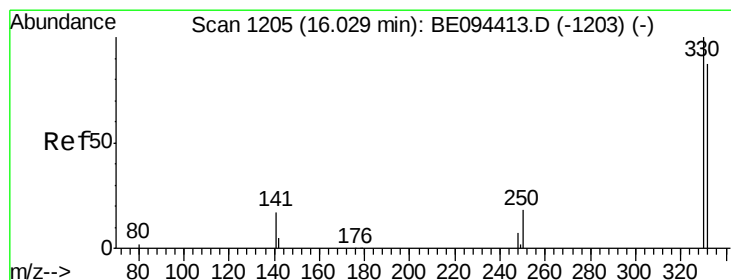
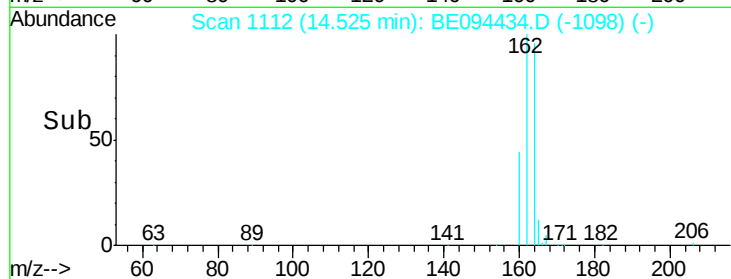
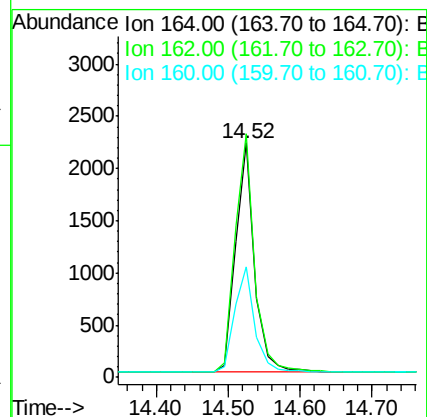
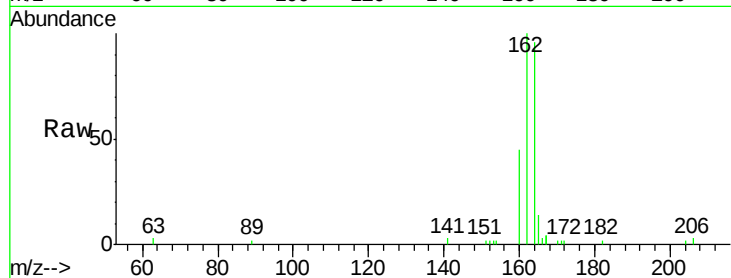
Tgt Ion:164 Resp: 4044

Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

160 47.1 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 0.282 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

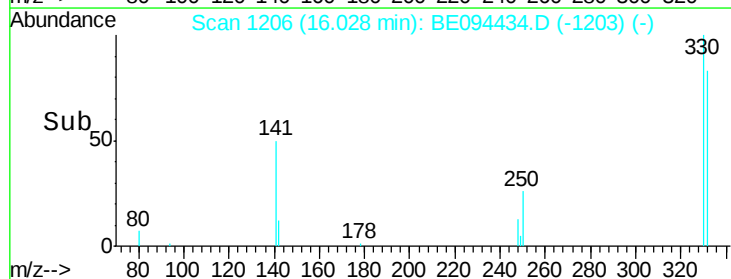
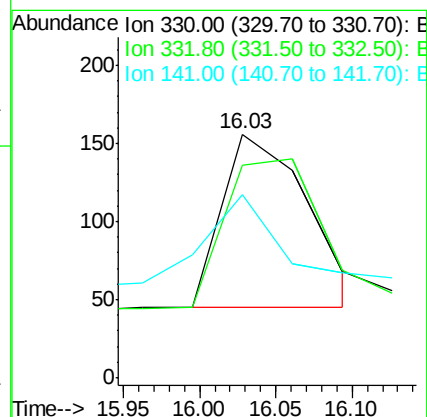
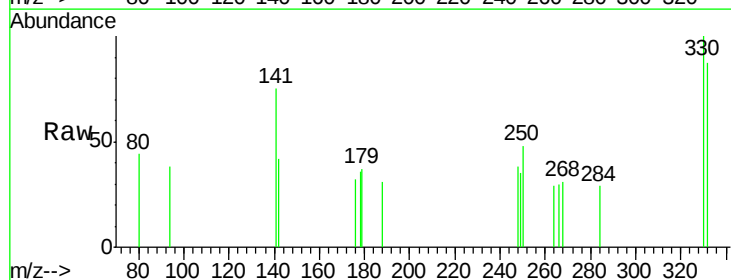
Tgt Ion:330 Resp: 434

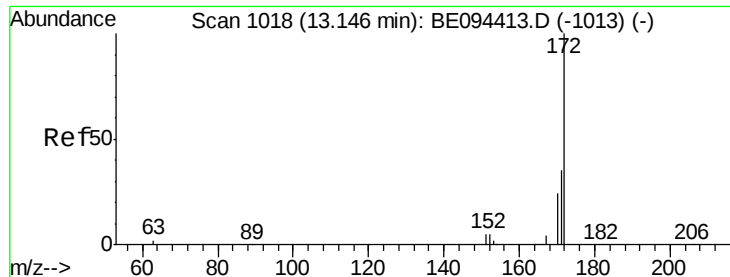
Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

141 25.3 33.7 50.5#

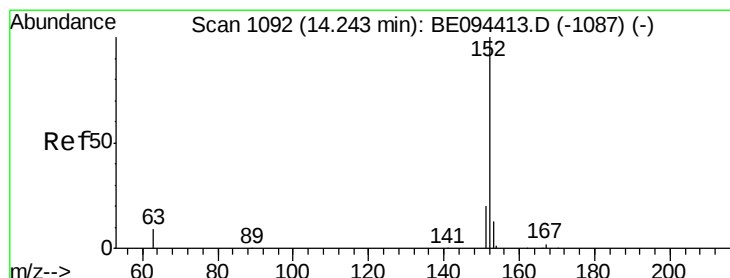
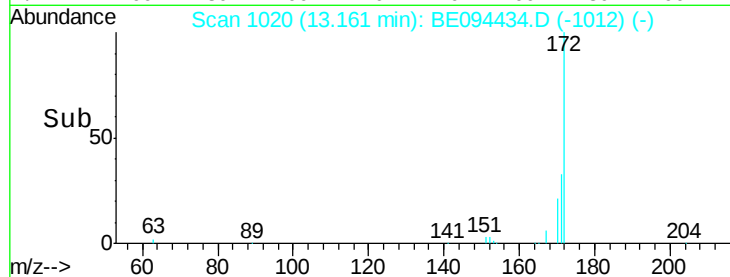
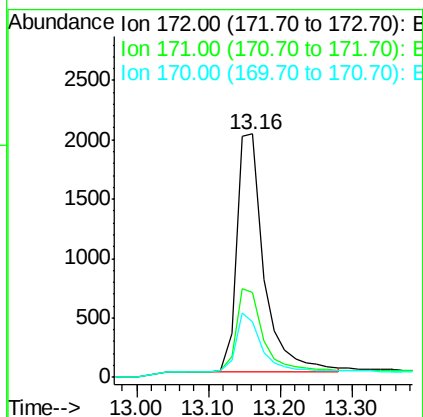
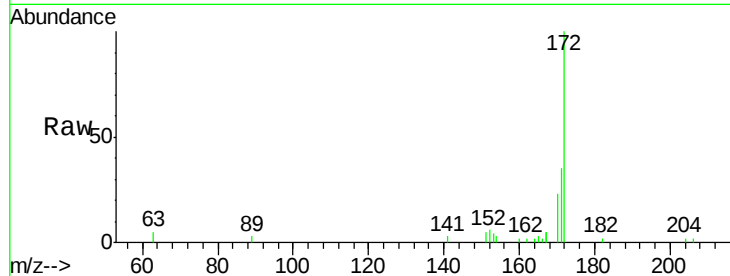




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

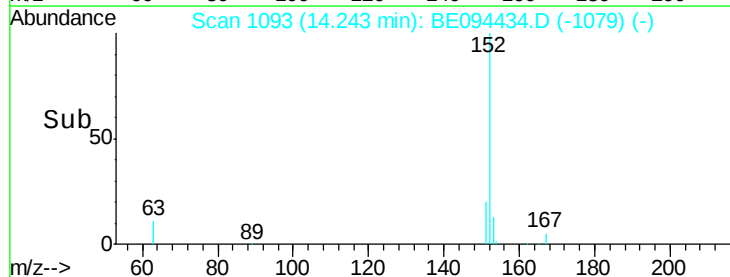
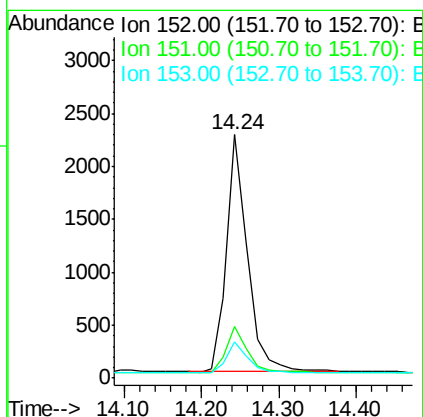
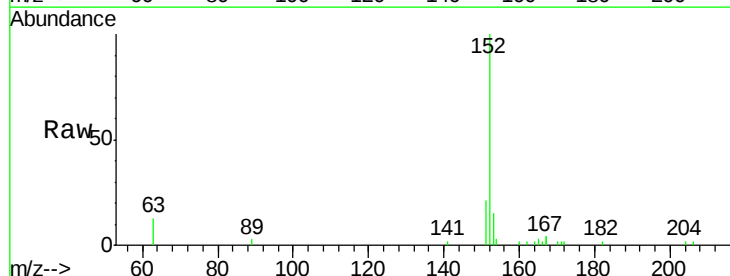
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

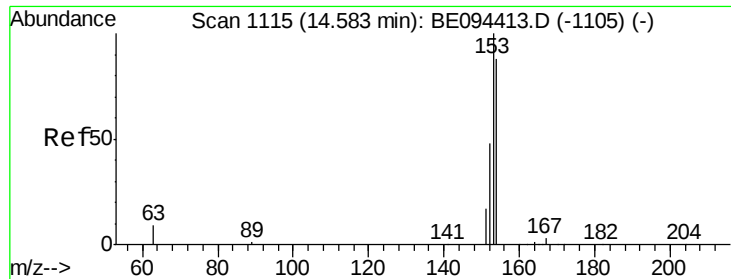
Tgt Ion:172 Resp: 5291
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 22.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:152 Resp: 4246
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.199 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

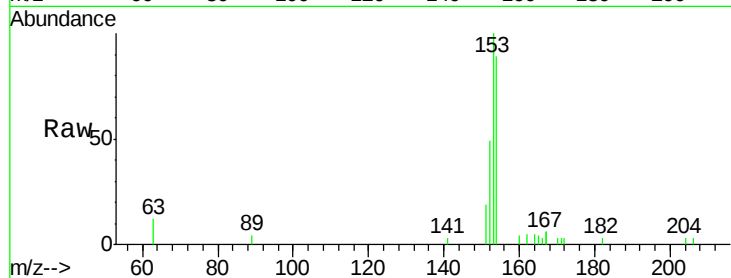
Tgt Ion:154 Resp: 2745

Ion Ratio Lower Upper

154 100

153 113.1 89.2 133.8

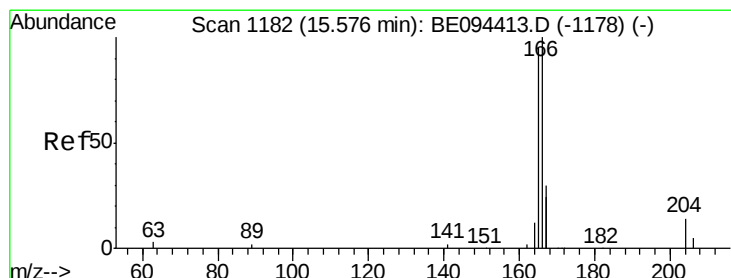
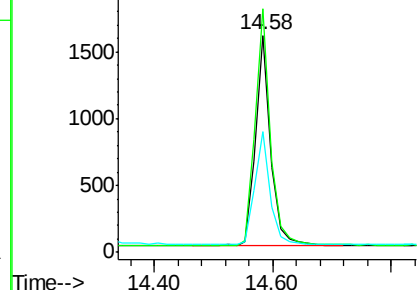
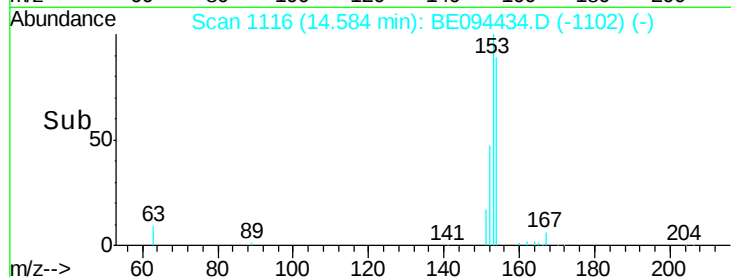
152 54.9 42.0 63.0



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: 0.195 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

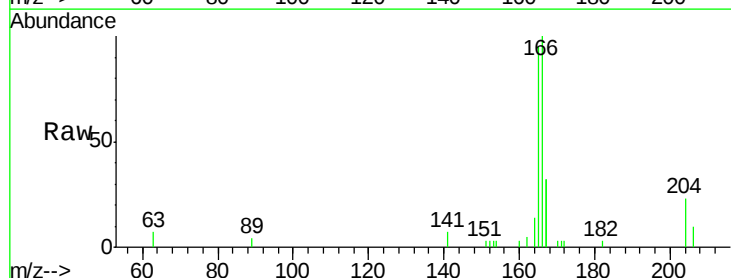
Tgt Ion:166 Resp: 3471

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.6

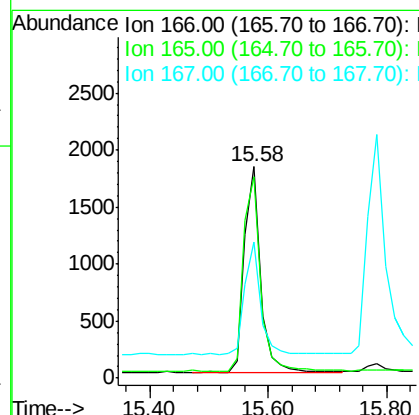
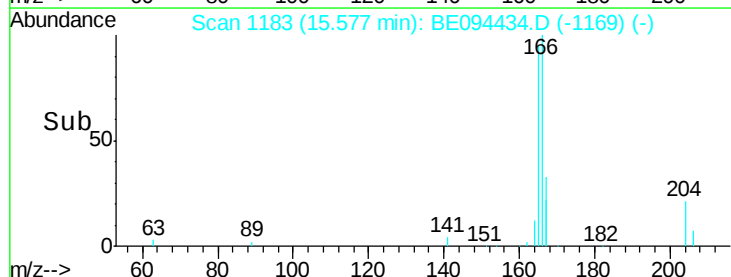
167 55.6 42.4 63.6

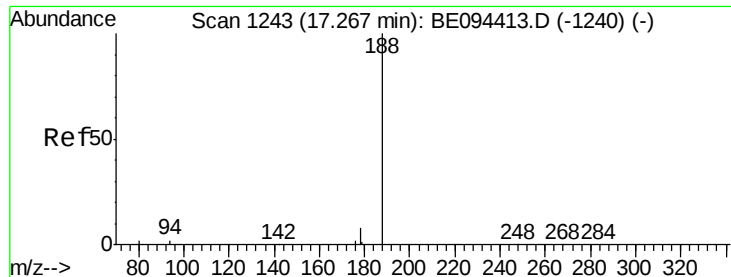


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

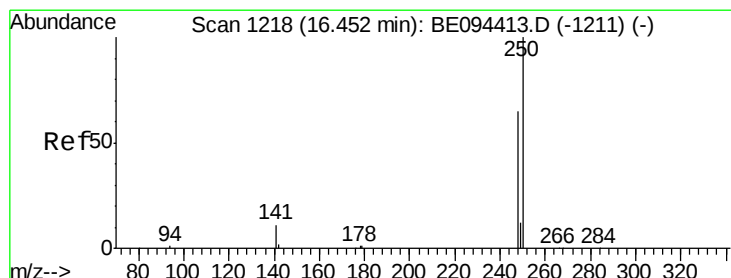
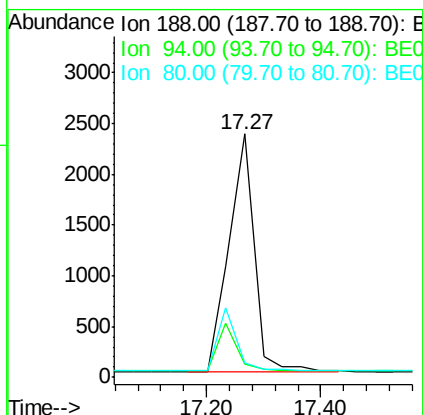
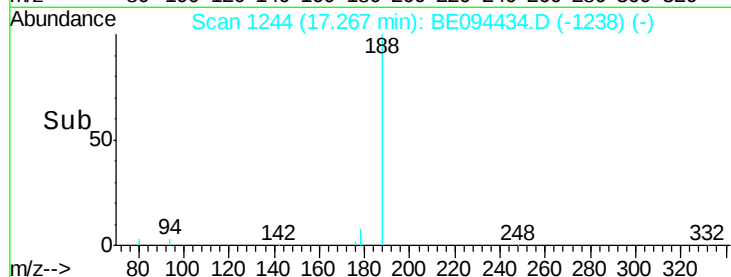
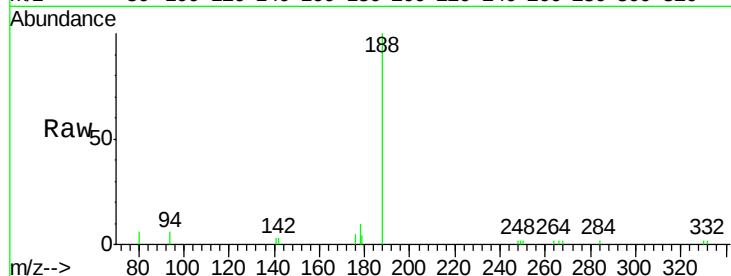
Tgt Ion:188 Resp: 7213

Ion Ratio Lower Upper

188 100

94 5.7 3.9 5.9

80 5.7 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.211 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

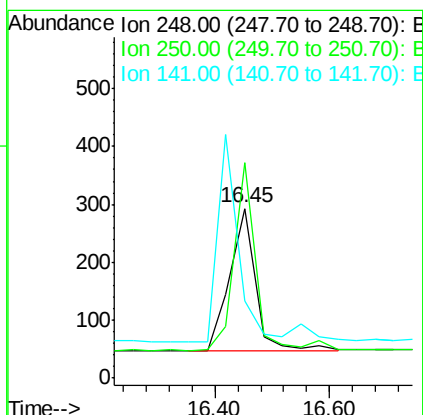
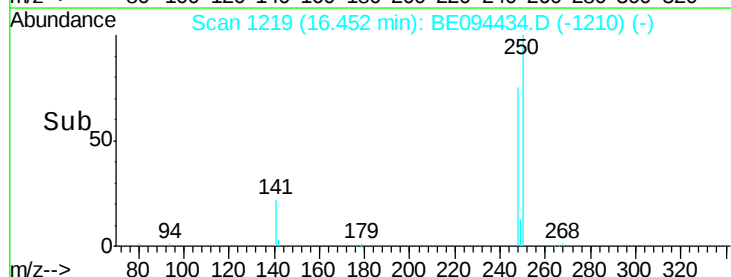
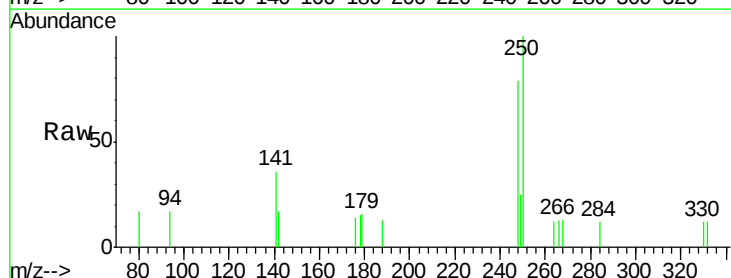
Tgt Ion:248 Resp: 763

Ion Ratio Lower Upper

248 100

250 127.3 62.7 94.1#

141 45.4 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.189 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

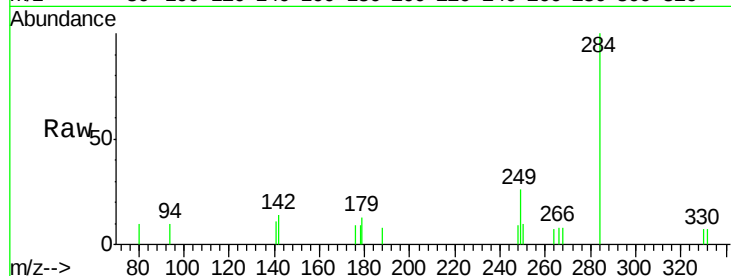
Tgt Ion:284 Resp: 1230

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

249 22.1 34.8 52.2#



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

16.58

600

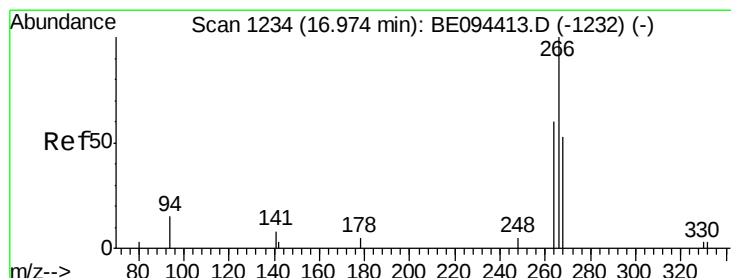
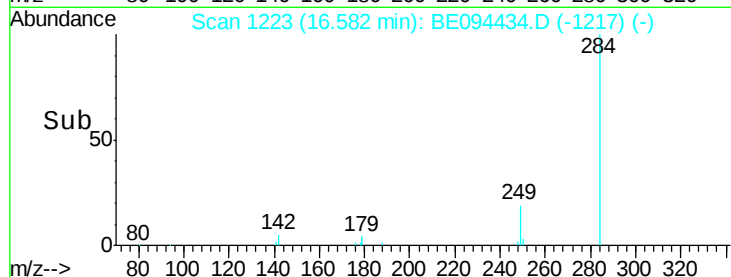
400

200

0

16.40 16.50 16.60 16.70

Time-->



#22

Pentachlorophenol

Concen: 0.259 ng

RT: 17.04 min Scan# 1237

Delta R.T. 0.07 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

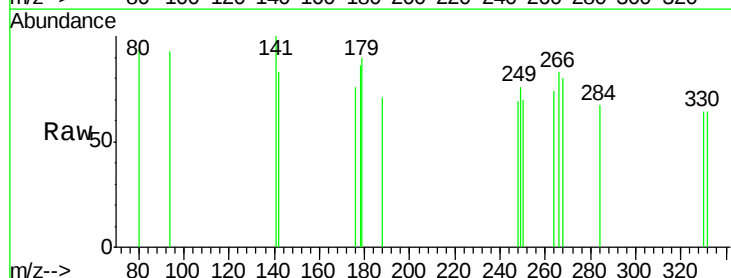
Tgt Ion:266 Resp: 78

Ion Ratio Lower Upper

266 100

264 89.7 72.5 108.7

268 96.6 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

17.04

60

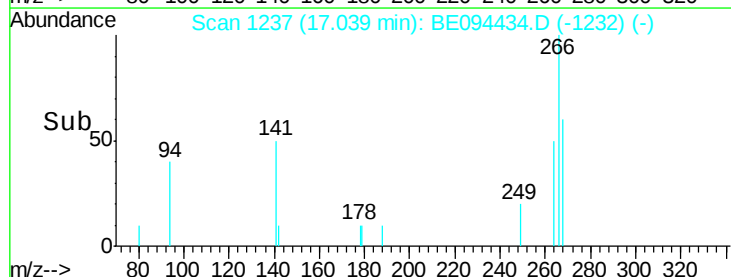
40

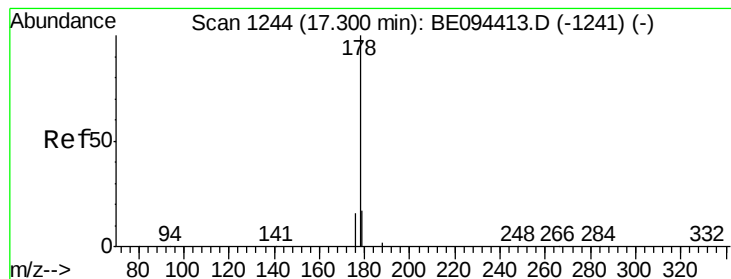
20

0

16.90 17.00 17.10 17.20

Time-->





#23

Phenanthrene

Concen: 0.212 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

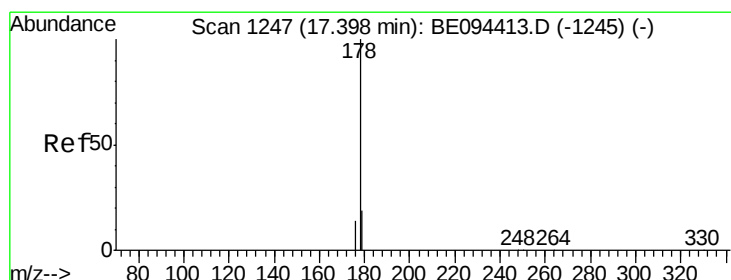
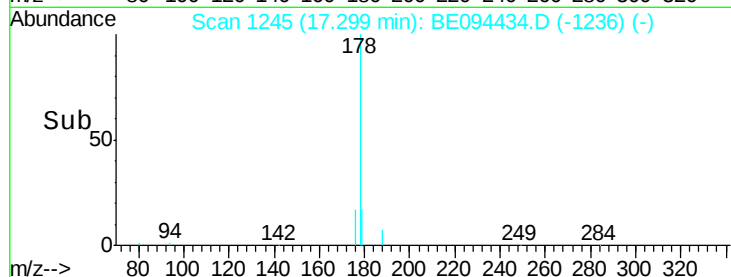
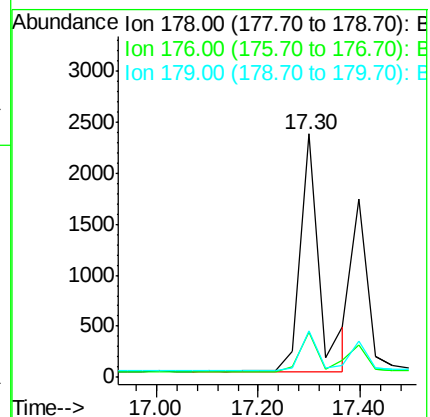
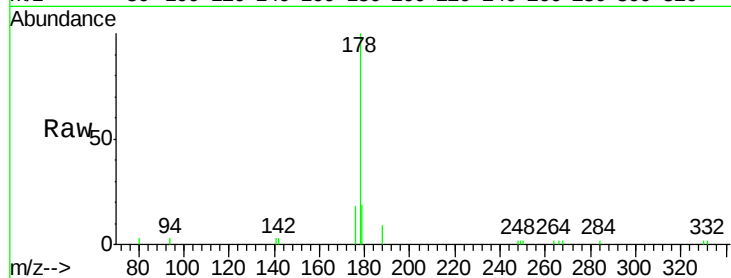
Tgt Ion:178 Resp: 6033

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 16.3 11.8 17.6



#24

Anthracene

Concen: 0.274 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

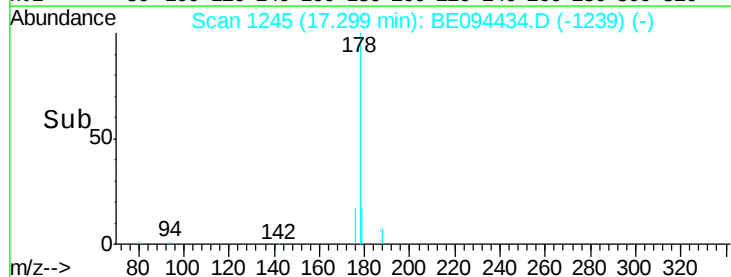
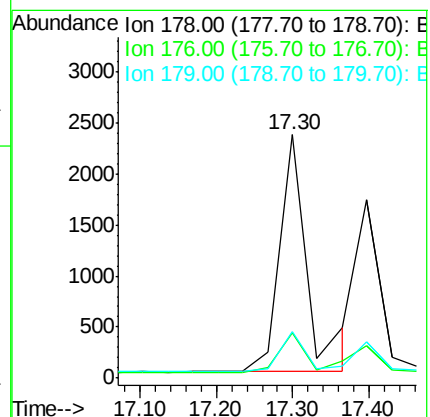
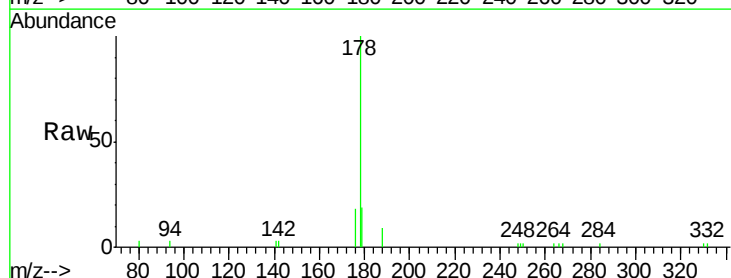
Tgt Ion:178 Resp: 6018

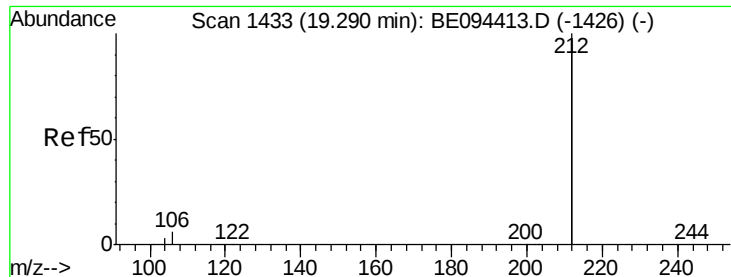
Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

179 16.1 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

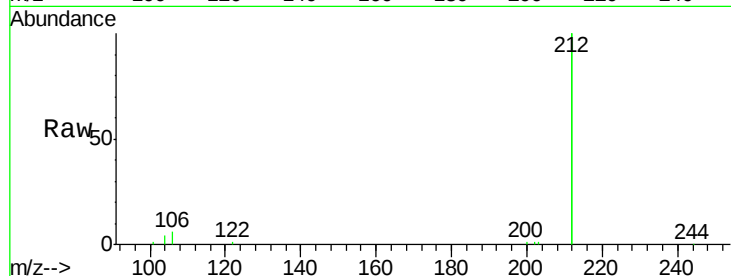
Tgt Ion:212 Resp: 40435

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

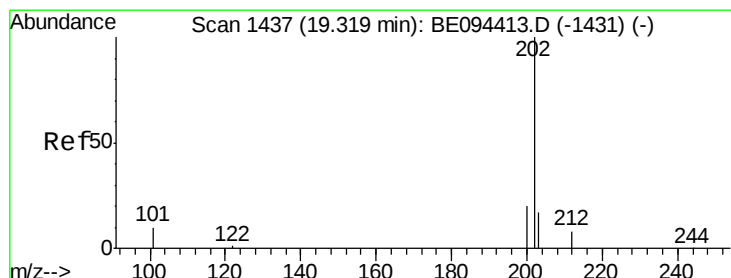
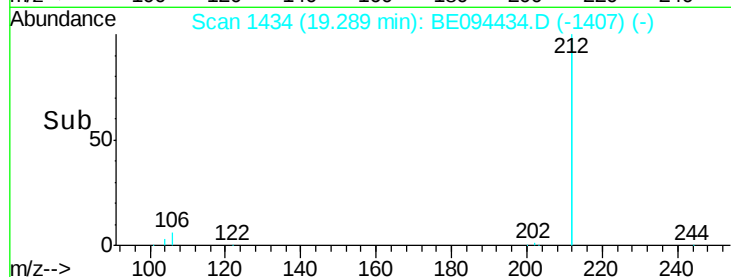
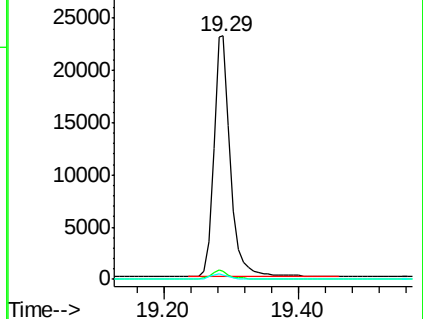
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.186 ng

RT: 19.32 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

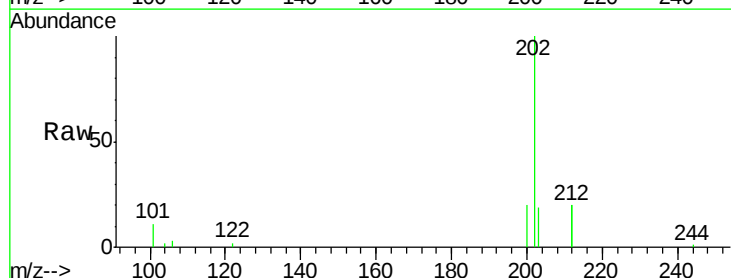
Tgt Ion:202 Resp: 6537

Ion Ratio Lower Upper

202 100

101 12.8 9.8 14.8

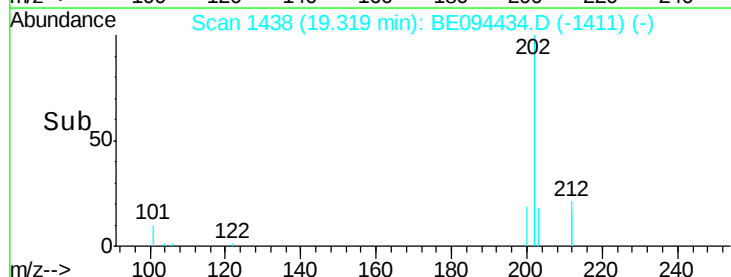
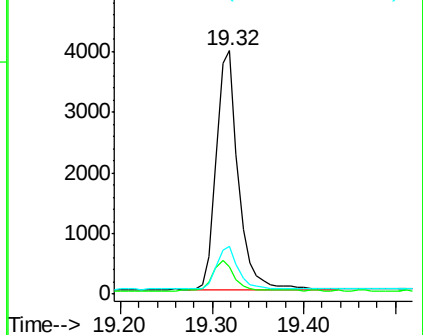
203 17.2 13.7 20.5



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

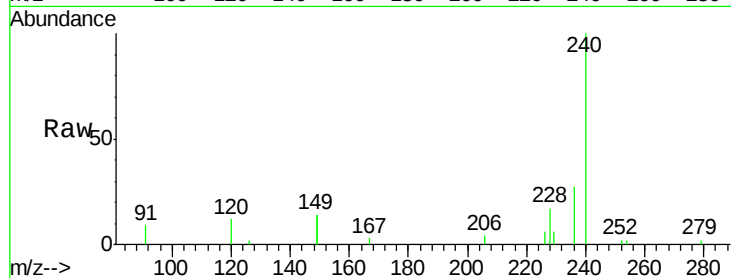
Tgt Ion:240 Resp: 9755

Ion Ratio Lower Upper

240 100

120 11.7 5.5 8.3#

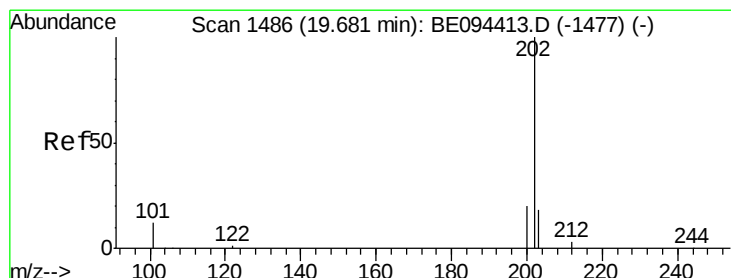
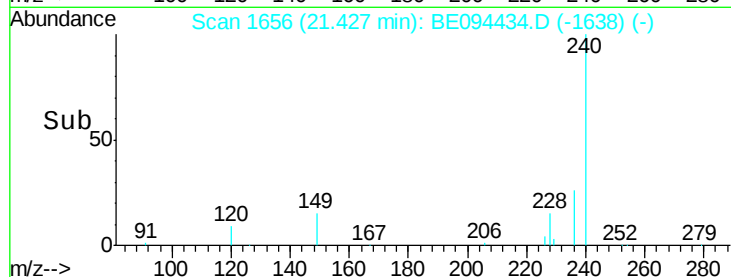
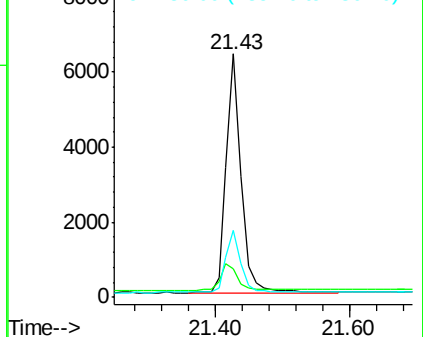
236 27.4 20.7 31.1



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



#28

Pyrene

Concen: 0.189 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

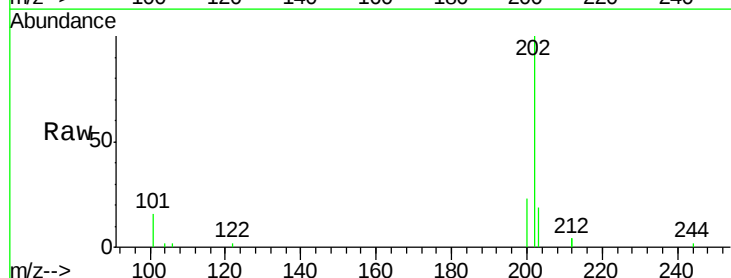
Tgt Ion:202 Resp: 6951

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

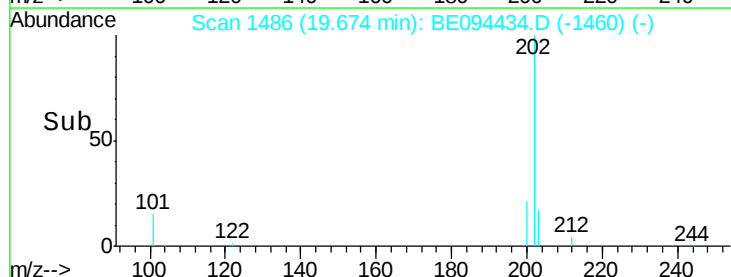
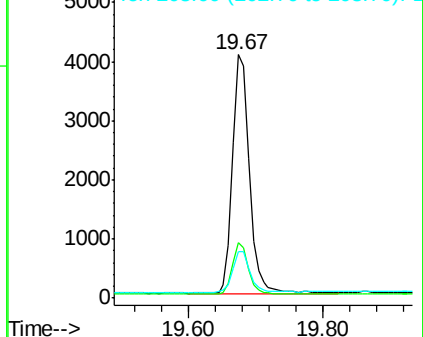
203 17.6 13.8 20.8

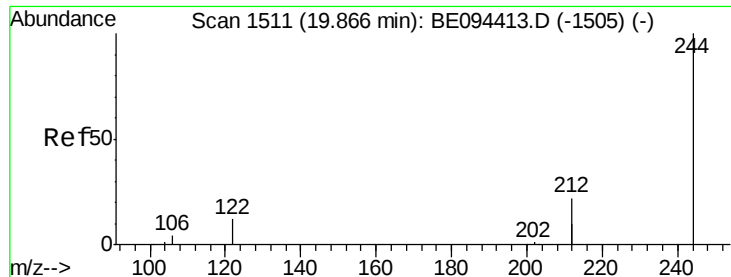


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.346 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

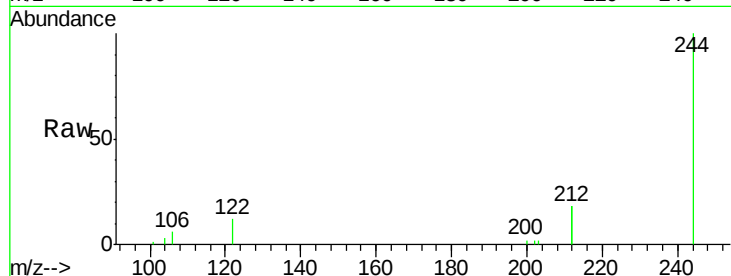
Tgt Ion:244 Resp: 6818

Ion Ratio Lower Upper

244 100

212 36.5 25.4 38.0

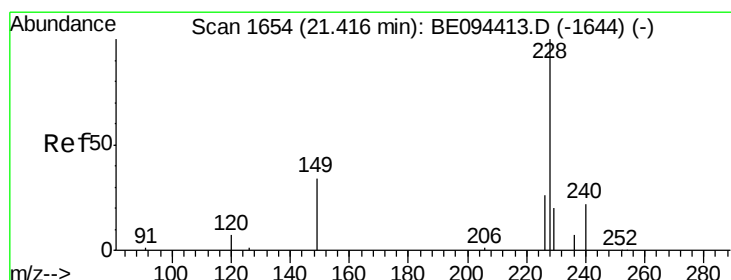
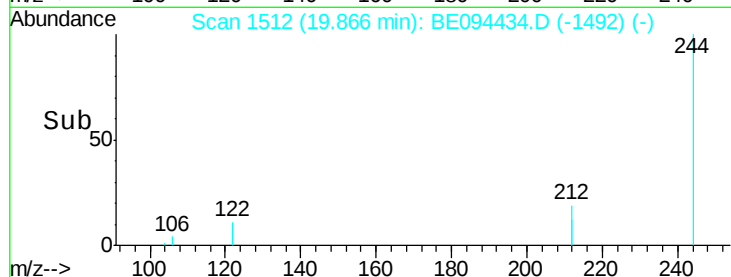
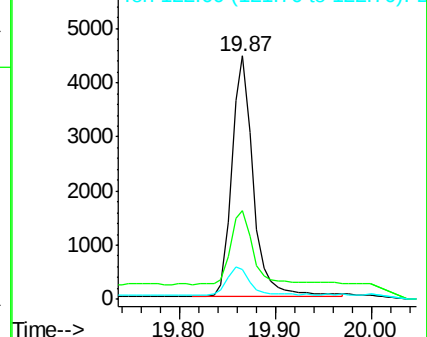
122 12.2 8.1 12.1#



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: 0.193 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

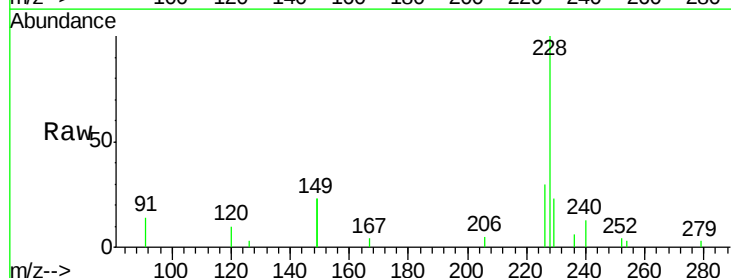
Tgt Ion:228 Resp: 6527

Ion Ratio Lower Upper

228 100

226 29.9 40.0 60.0#

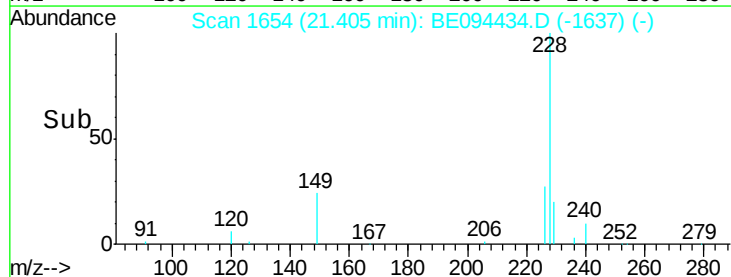
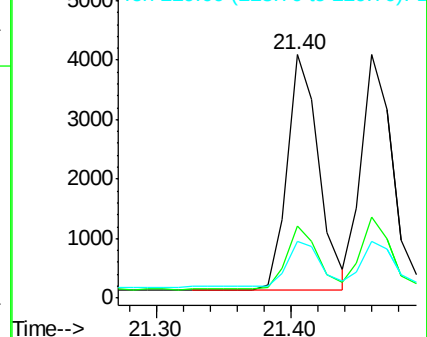
229 23.4 40.0 60.0#

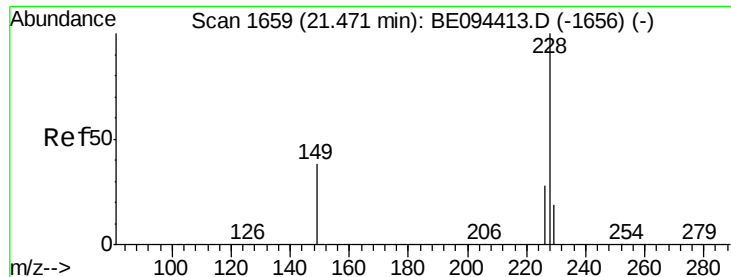


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.200 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

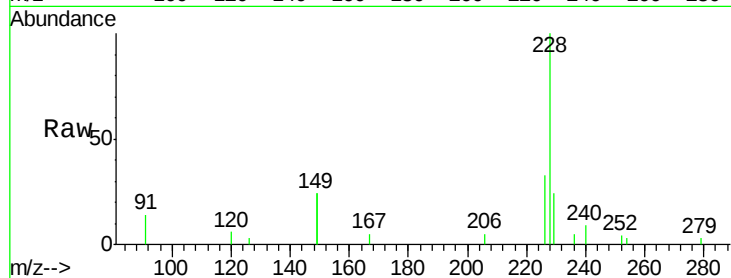
Tgt Ion: 228 Resp: 6491

Ion Ratio Lower Upper

228 100

226 33.2 40.0 60.0#

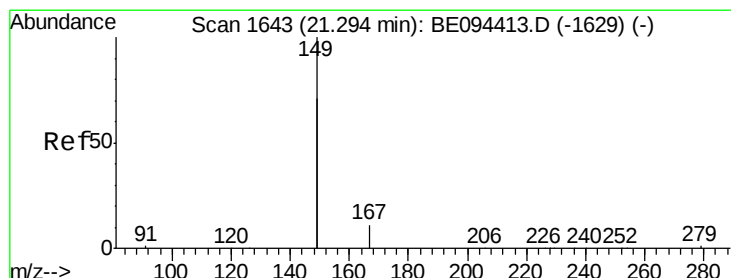
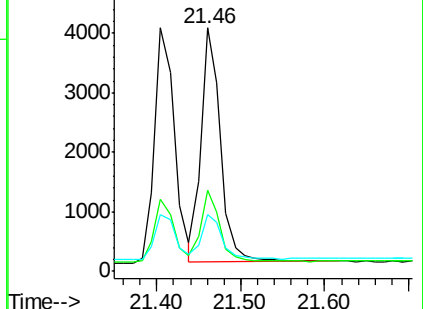
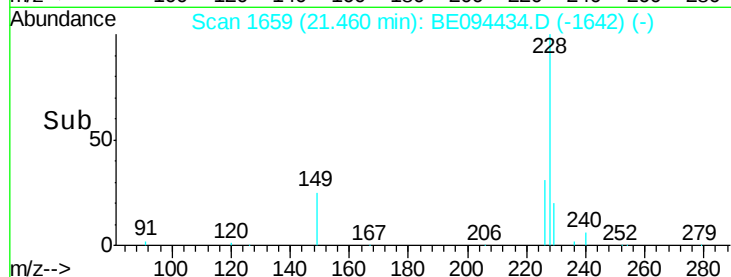
229 23.6 40.0 60.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.185 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

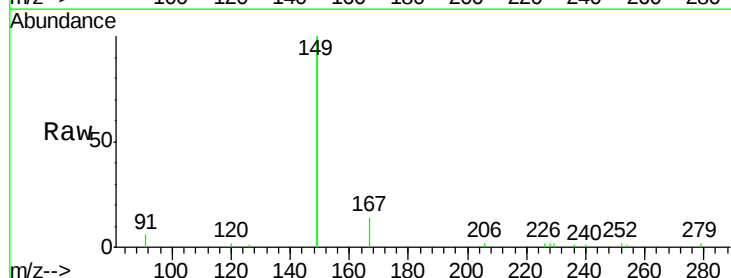
Tgt Ion: 149 Resp: 17983

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

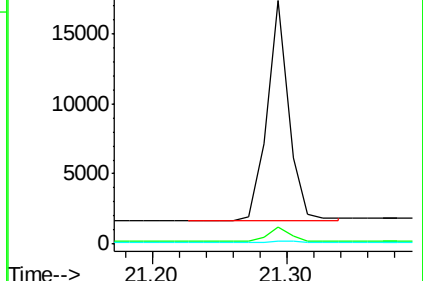
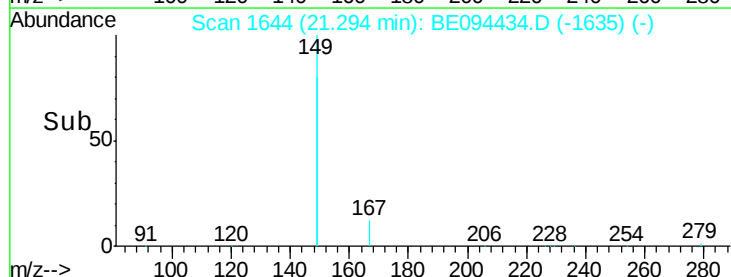
279 1.0 0.7 1.1



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





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.197 ng

RT: 26.65 min Scan# 2719

Delta R.T. -0.01 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

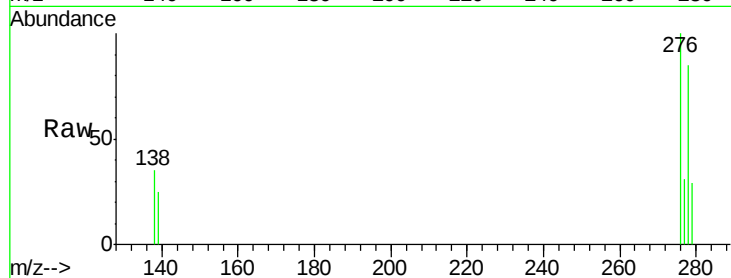
Tgt Ion:276 Resp: 6432

Ion Ratio Lower Upper

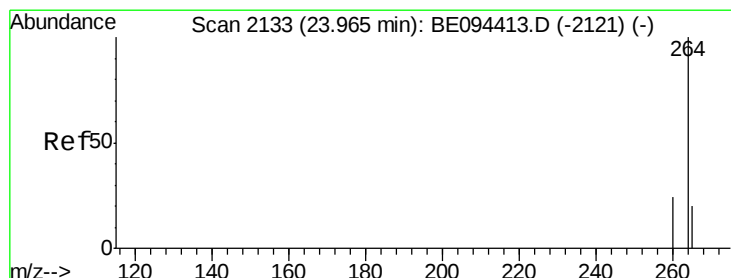
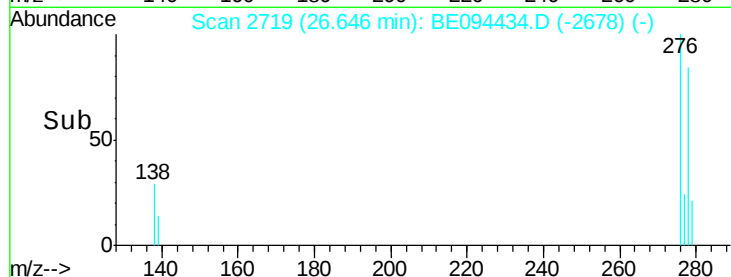
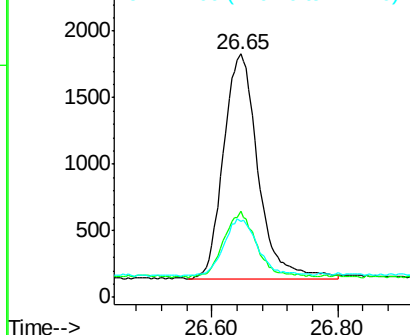
276 100

138 27.3 22.5 33.7

277 25.4 19.9 29.9



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

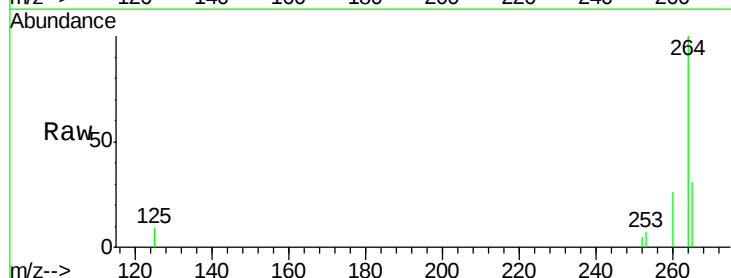
Tgt Ion:264 Resp: 9280

Ion Ratio Lower Upper

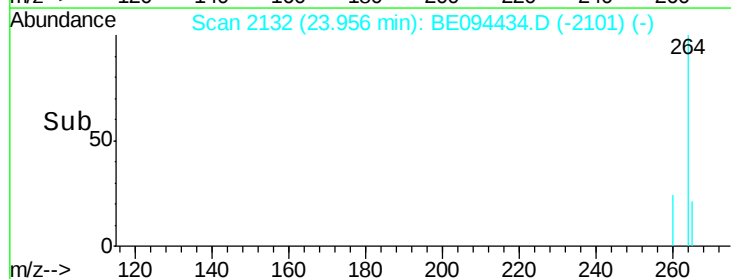
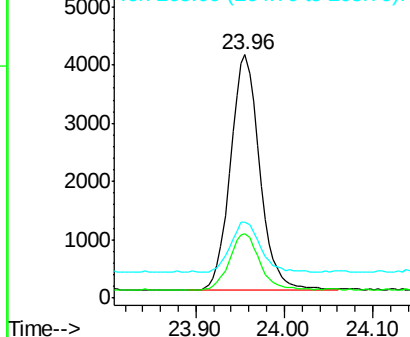
264 100

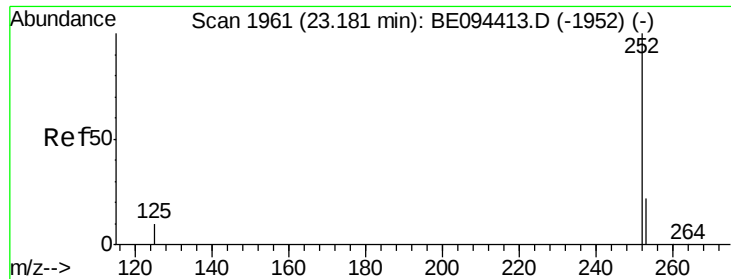
260 26.5 20.5 30.7

265 31.3 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

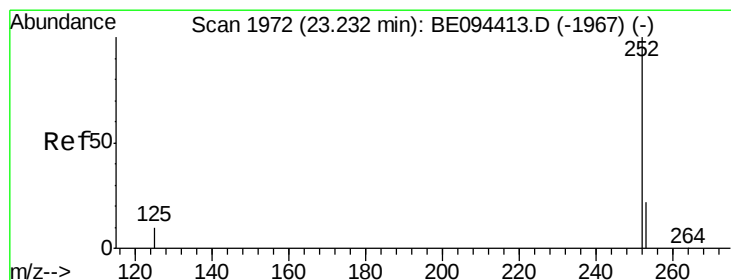
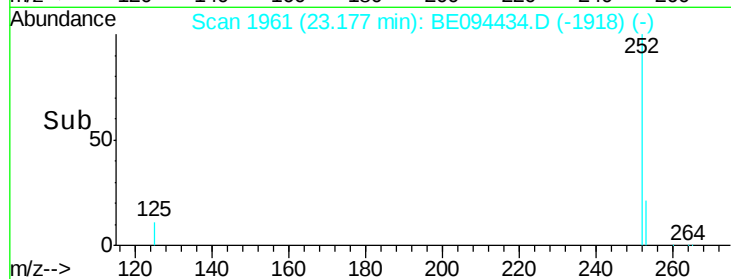
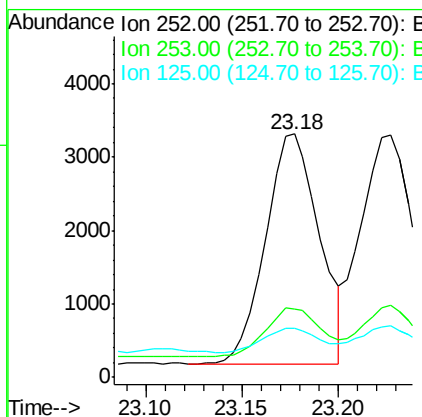
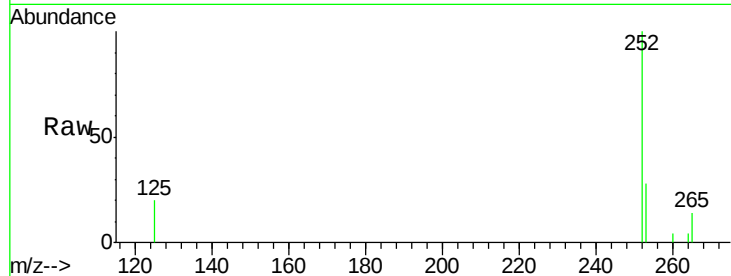




#35
Benzo(b)fluoranthene
Concen: 0.194 ng
RT: 23.18 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

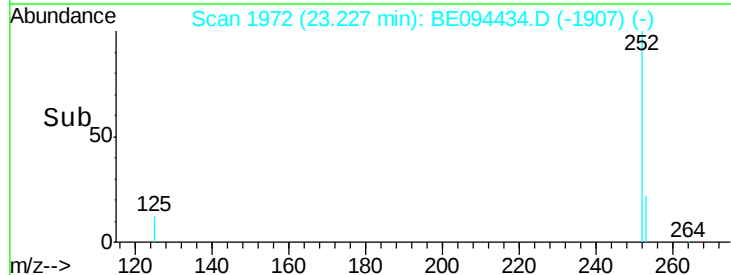
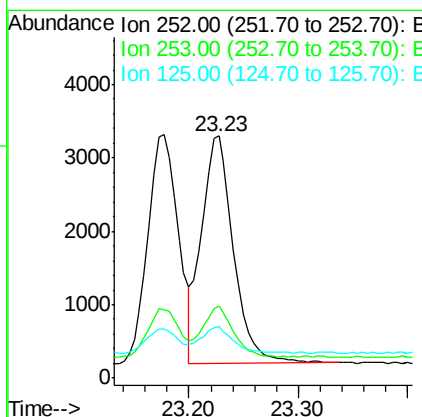
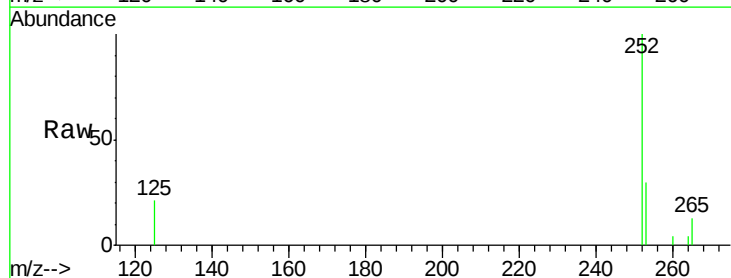
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

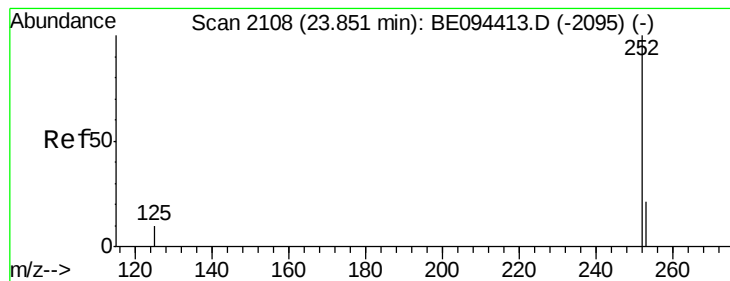
Tgt Ion:252 Resp: 6107
Ion Ratio Lower Upper
252 100
253 28.2 48.0 72.0#
125 20.1 56.0 84.0#



#36
Benzo(k)fluoranthene
Concen: 0.205 ng
RT: 23.23 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:252 Resp: 6344
Ion Ratio Lower Upper
252 100
253 29.5 48.0 72.0#
125 21.1 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.193 ng

RT: 23.84 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017

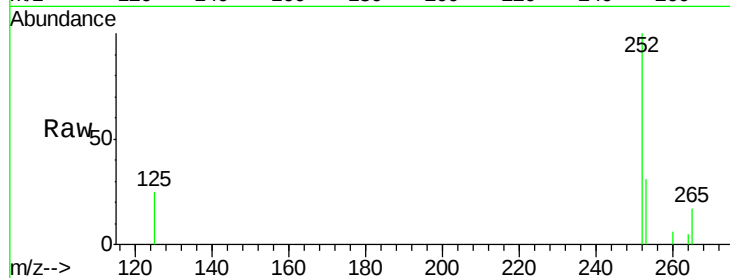
Tgt Ion: 252 Resp: 5711

Ion Ratio Lower Upper

252 100

253 30.7 52.0 78.0#

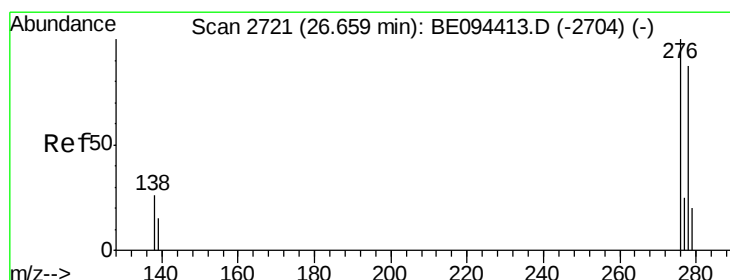
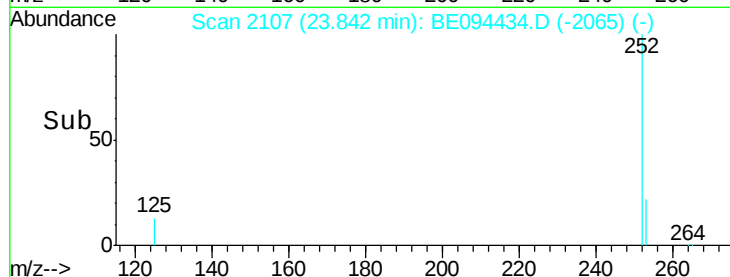
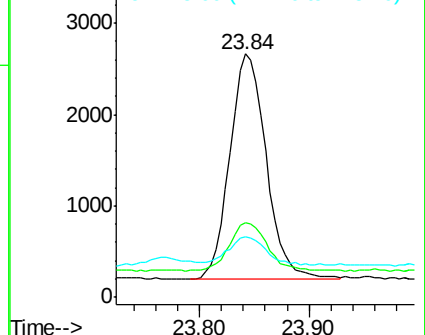
125 24.6 68.0 102.0#



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

Dibenzo(a,h)anthracene

Concen: 0.193 ng

RT: 26.65 min Scan# 2721

Delta R.T. -0.00 min

Lab File: BE094434.D

Acq: 17 Oct 2017 18:00

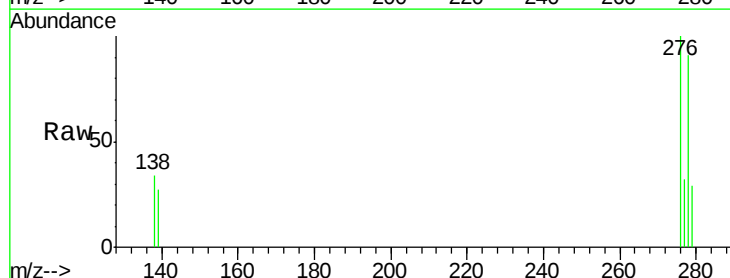
Tgt Ion: 278 Resp: 5413

Ion Ratio Lower Upper

278 100

139 29.9 56.0 84.0#

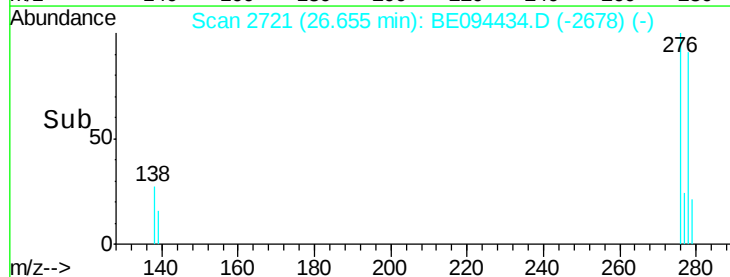
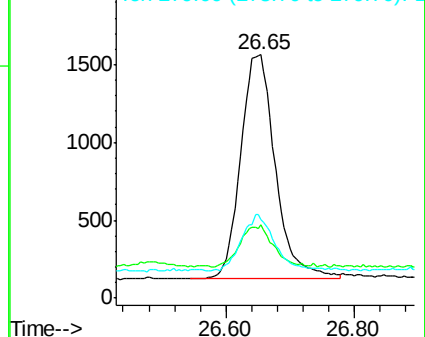
279 32.5 52.0 78.0#

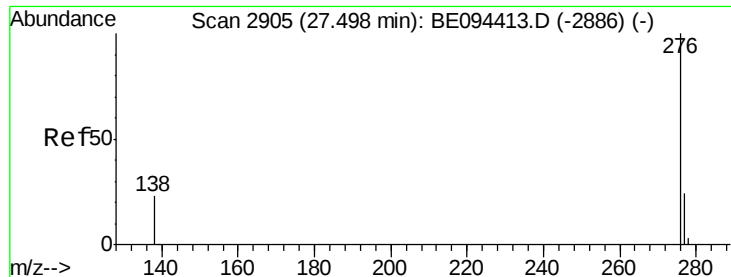


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.197 ng

RT: 27.48 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BE094434.D

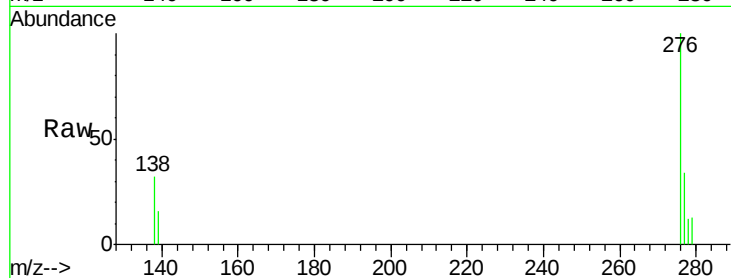
Acq: 17 Oct 2017 18:00

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-06-QT4-2017



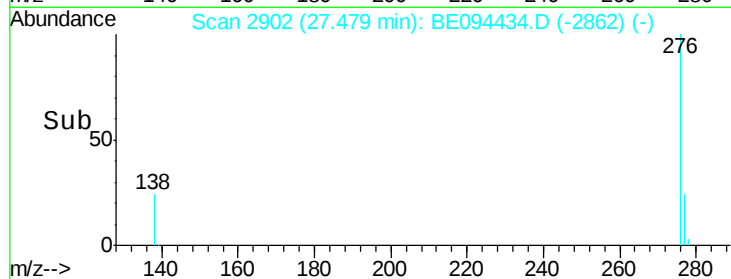
Tgt Ion: 276 Resp: 5315

Ion Ratio Lower Upper

276 100

277 33.6 52.0 78.0#

138 32.2 44.0 66.0#



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

