

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101717\
 Data File : BE094433.D
 Acq On : 17 Oct 2017 17:24
 Operator : SJ/JU
 Sample : I5275-05
 Misc : LOD 0.1 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-WATER-05-QT4-2017

Quant Time: Oct 17 20:19:08 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	7.91	152	1095	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	5726	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	3576	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6929	0.40	ng	0.00
27) Chrysene-d12	21.43	240	8961	0.40	ng	0.00
34) Perylene-d12	23.96	264	8550	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1330	0.36	ng	0.00
5) Phenol-d6	7.13	99	1857	0.32	ng	0.00
8) Nitrobenzene-d5	9.08	82	1851	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	3690	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.06	330	376	0.28	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	5013	0.39	ng	0.01
25) Fluoranthene-d10	19.29	212	39549	0.35	ng	0.00
29) Terphenyl-d14	19.87	244	6511	0.36	ng	0.00

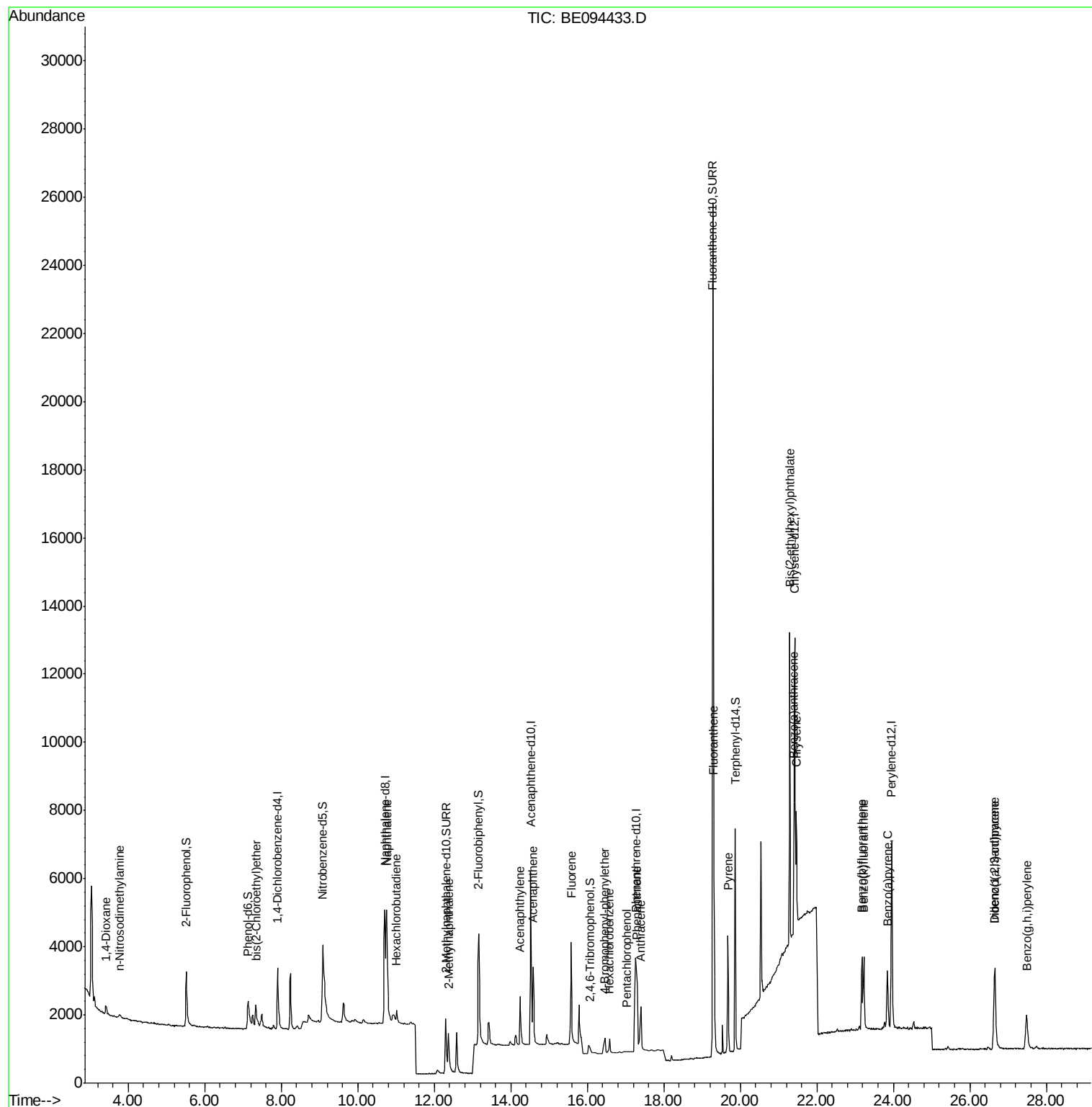
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	196	0.036	ng	90
3) n-Nitrosodimethylamine	3.77	42	126	0.066	ng	# 52
6) bis(2-Chloroethyl)ether	7.34	93	449	0.105	ng	# 83
9) Naphthalene	10.76	128	7562	0.118	ng	# 96
10) Hexachlorobutadiene	11.01	225	294	0.115	ng	96
12) 2-Methylnaphthalene	12.37	142	1275	0.121	ng	95
16) Acenaphthylene	14.24	152	2100	0.108	ng	98
17) Acenaphthene	14.58	154	1412	0.116	ng	98
18) Fluorene	15.58	166	1749	0.111	ng	95
20) 4-Bromophenyl-phenylether	16.45	248	442	0.128	ng	# 73
21) Hexachlorobenzene	16.58	284	630	0.113	ng	# 59
22) Pentachlorophenol	17.04	266	18	0.181	ng	93
23) Phenanthrene	17.30	178	3215	0.118	ng	97
24) Anthracene	17.40	178	2165	0.103	ng	98
26) Fluoranthene	19.31	202	3487	0.103	ng	97
28) Pyrene	19.67	202	3630	0.107	ng	99
30) Benzo(a)anthracene	21.40	228	3321	0.107	ng	# 71
31) Chrysene	21.46	228	3354	0.112	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.29	149	9857	0.110	ng	99
33) Indeno(1,2,3-cd)pyrene	26.64	276	3318	0.110	ng	99
35) Benzo(b)fluoranthene	23.18	252	3165	0.109	ng	# 58
36) Benzo(k)fluoranthene	23.23	252	3299	0.115	ng	# 58
37) Benzo(a)pyrene	23.84	252	2936	0.108	ng	# 55
38) Dibenzo(a,h)anthracene	26.65	278	2808	0.109	ng	# 66
39) Benzo(g,h,i)perylene	27.48	276	2696	0.109	ng	# 71

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

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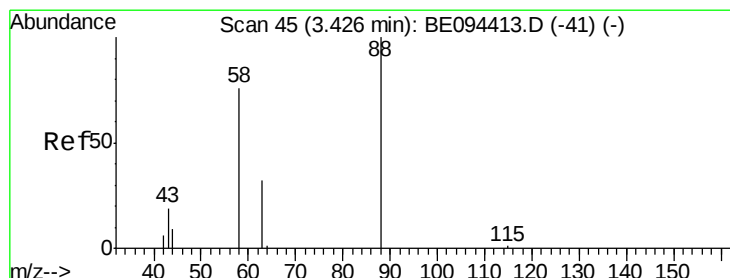
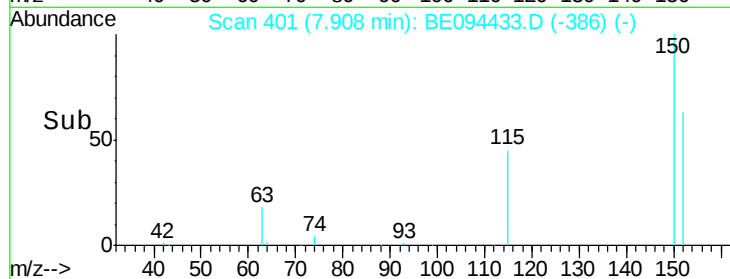
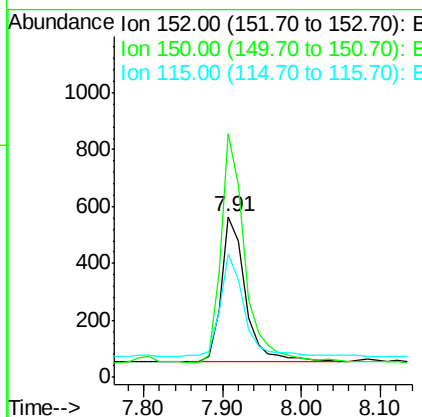
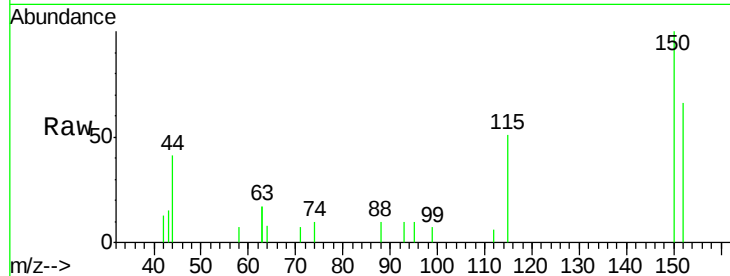




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.91 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BE094433.D
 Acq: 17 Oct 2017 17:24

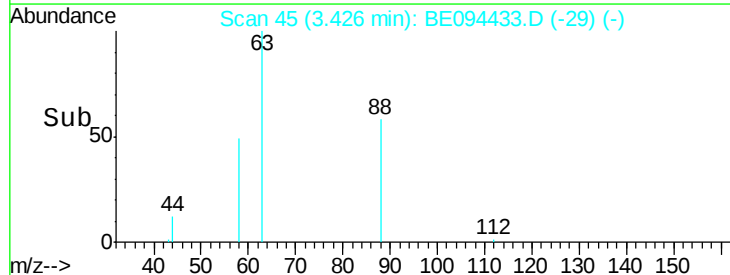
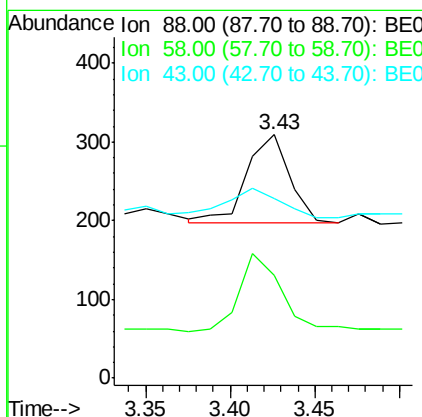
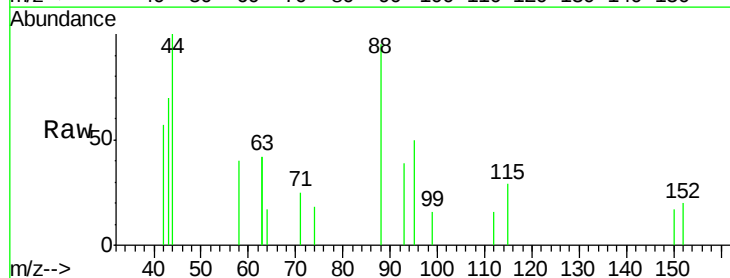
Instrument :
 BNA_E
 ClientSampleId :
 LOD-WATER-05-QT4-2017

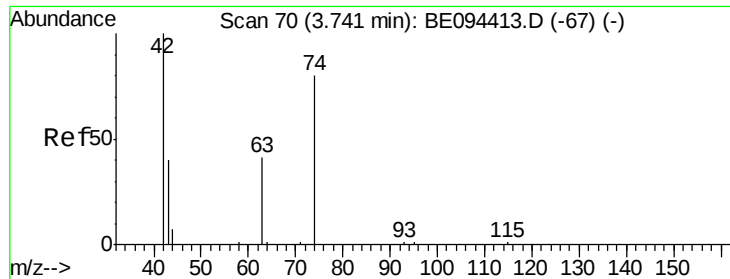
Tgt Ion: 152 Resp: 1095
 Ion Ratio Lower Upper
 152 100
 150 151.5 117.2 175.8
 115 76.8 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.036 ng
 RT: 3.43 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE094433.D
 Acq: 17 Oct 2017 17:24

Tgt Ion: 88 Resp: 196
 Ion Ratio Lower Upper
 88 100
 58 88.8 63.2 94.8
 43 45.9 41.2 61.8





#3

n-Nitrosodimethylamine

Concen: 0.066 ng

RT: 3.77 min Scan# 72

Delta R.T. 0.03 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017

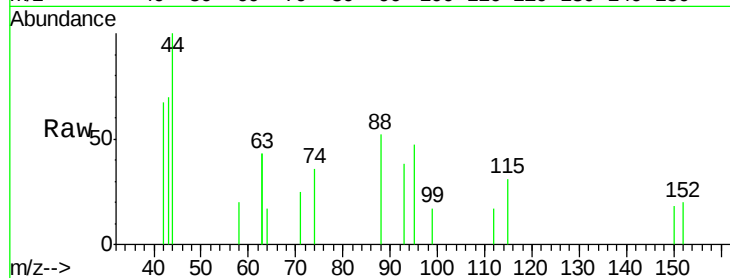
Tgt Ion: 42 Resp: 126

Ion Ratio Lower Upper

42 100

74 181.0 100.3 150.5#

44 0.0 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

400

300

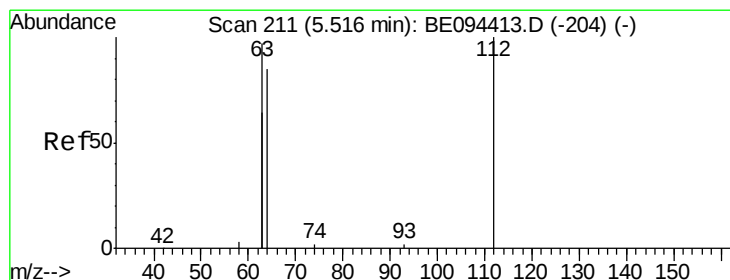
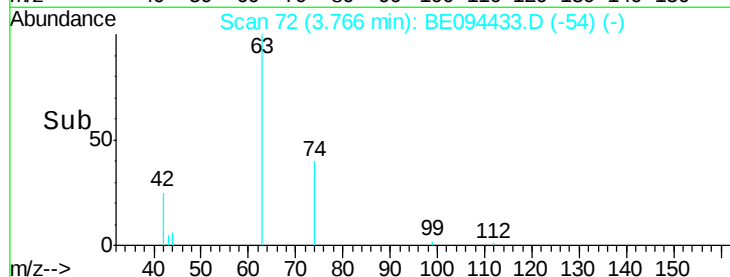
200

100

0

3.70 3.75 3.80 3.85

Time-->



#4

2-Fluorophenol

Concen: 0.359 ng

RT: 5.52 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

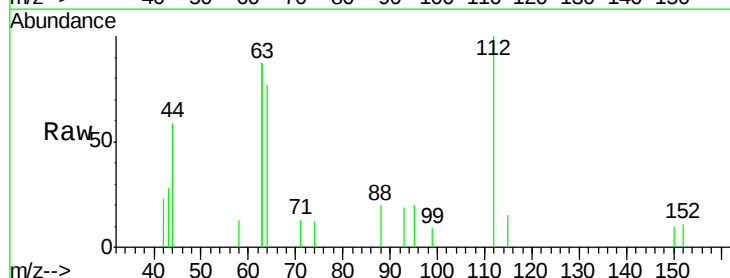
Tgt Ion: 112 Resp: 1330

Ion Ratio Lower Upper

112 100

64 73.4 60.1 90.1

63 145.4 116.8 175.2



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

1200

1000

800

600

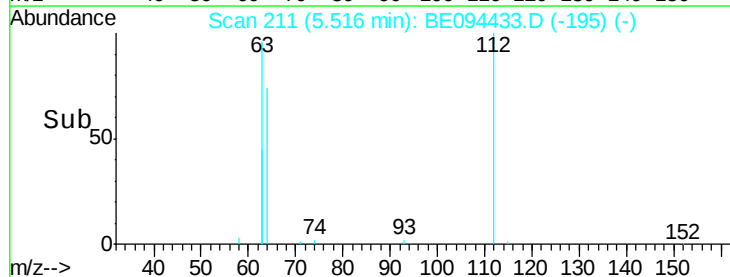
400

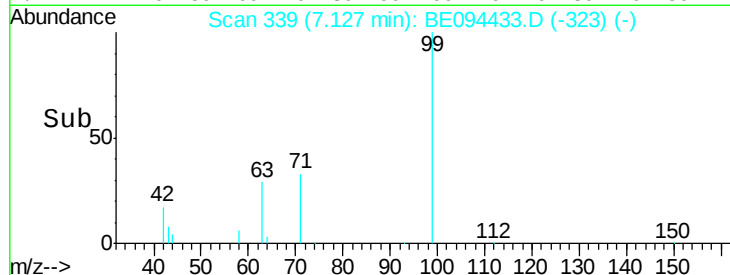
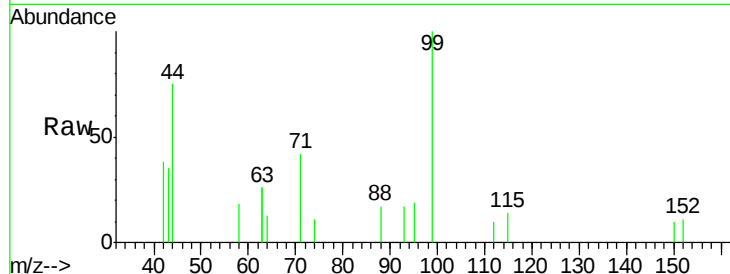
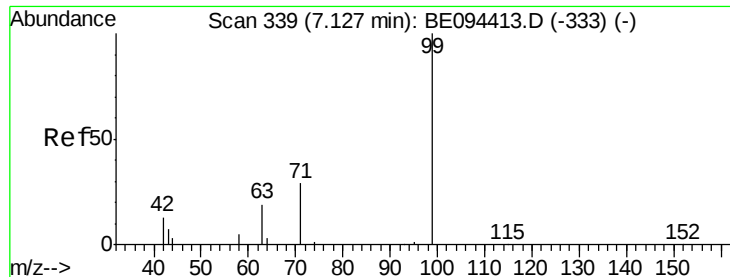
200

0

5.40 5.50 5.60 5.70

Time-->





#5

Phenol-d6

Concen: 0.322 ng

RT: 7.13 min Scan# 339

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017

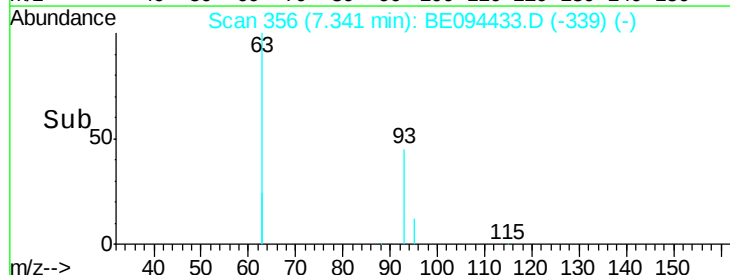
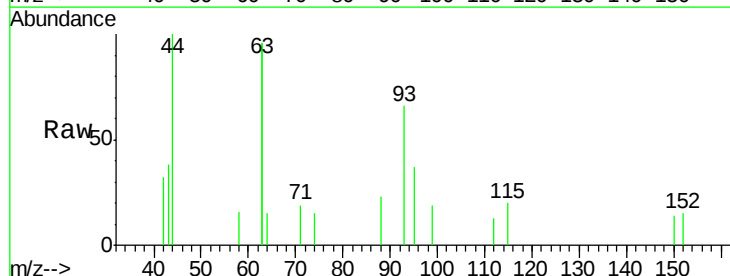
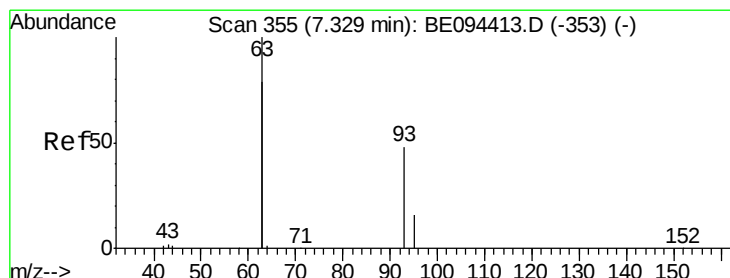
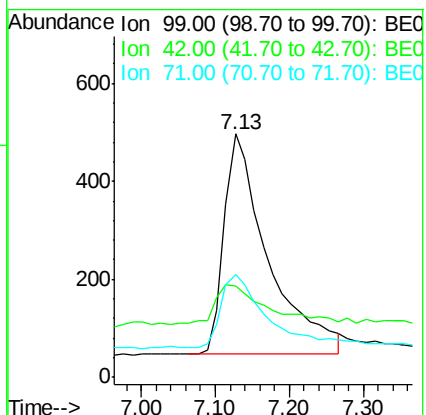
Tgt Ion: 99 Resp: 1857

Ion Ratio Lower Upper

99 100

42 22.0 20.2 30.2

71 34.8 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.105 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

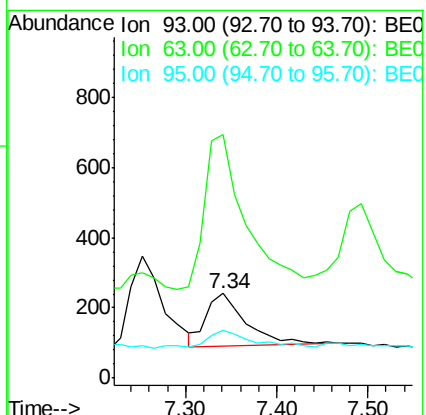
Tgt Ion: 93 Resp: 449

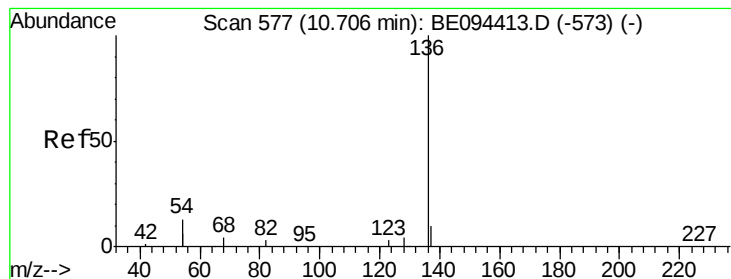
Ion Ratio Lower Upper

93 100

63 306.9 275.3 412.9

95 40.1 25.2 37.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017

Tgt Ion: 136 Resp: 5726

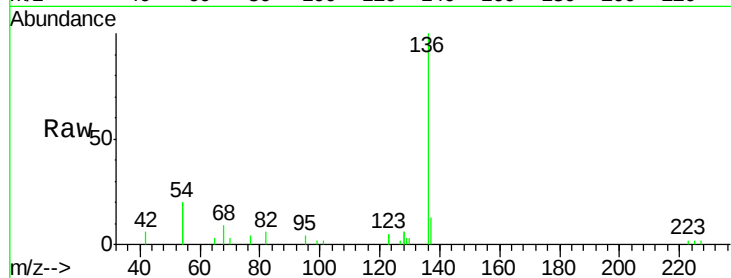
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 40.1 29.1 43.7

68 8.7 6.2 9.2

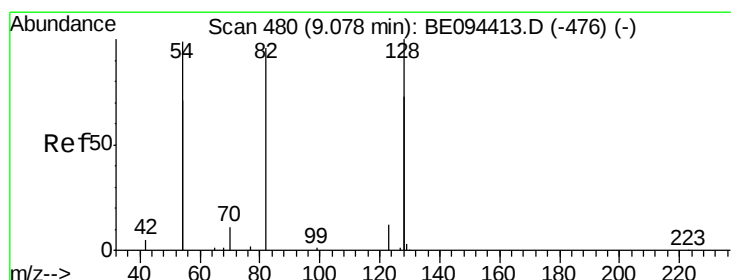
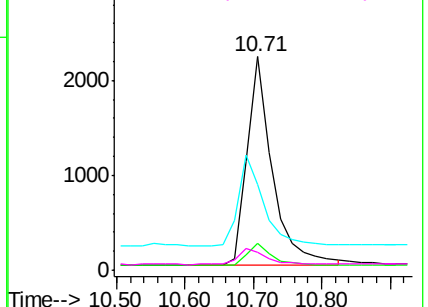
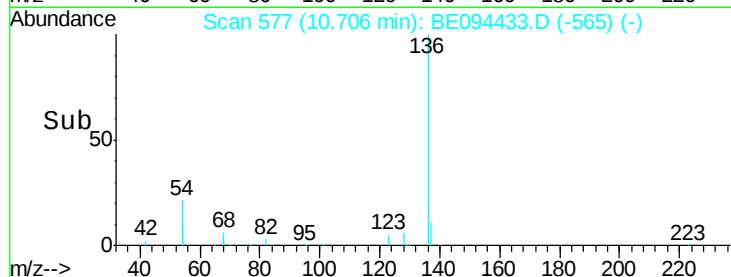


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

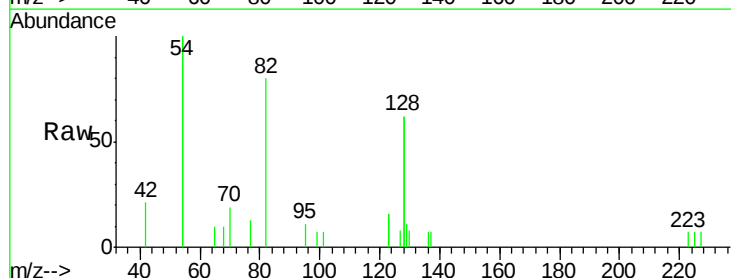
Tgt Ion: 82 Resp: 1851

Ion Ratio Lower Upper

82 100

128 154.5 150.0 225.0

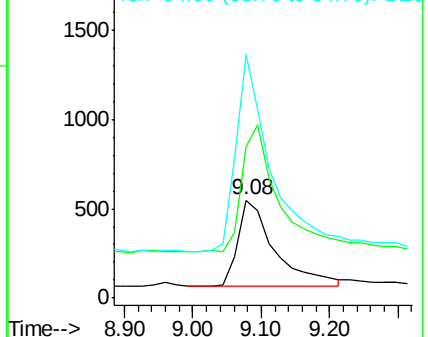
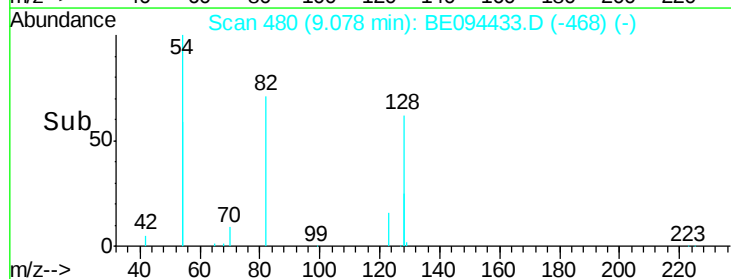
54 248.5 154.2 231.4#

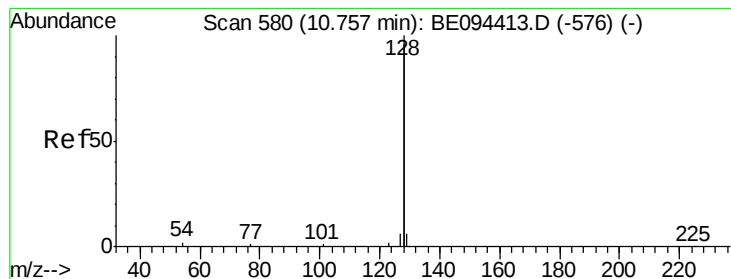


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.118 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

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ClientSampleId :

LOD-WATER-05-QT4-2017

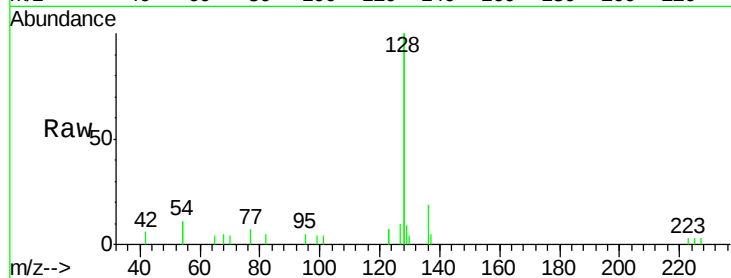
Tgt Ion:128 Resp: 7562

Ion Ratio Lower Upper

128 100

129 4.6 2.6 3.8#

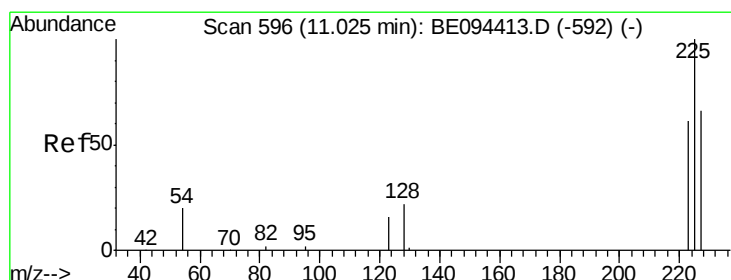
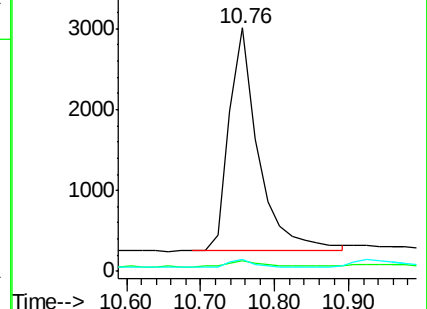
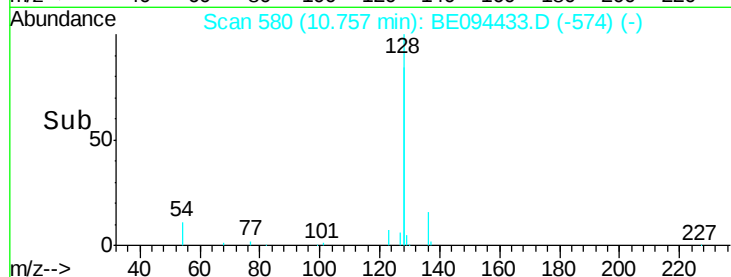
127 4.8 2.8 4.2#



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: 0.115 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

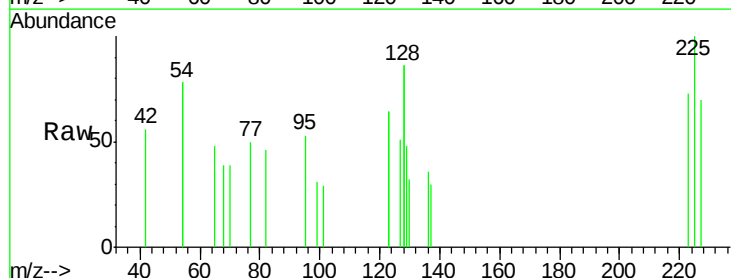
Tgt Ion:225 Resp: 294

Ion Ratio Lower Upper

225 100

223 61.9 53.0 79.6

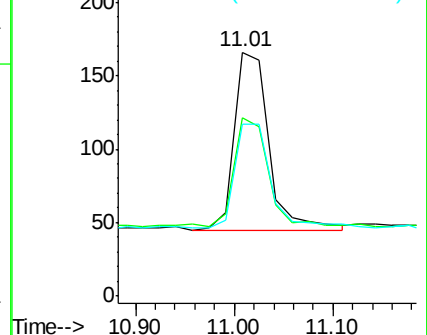
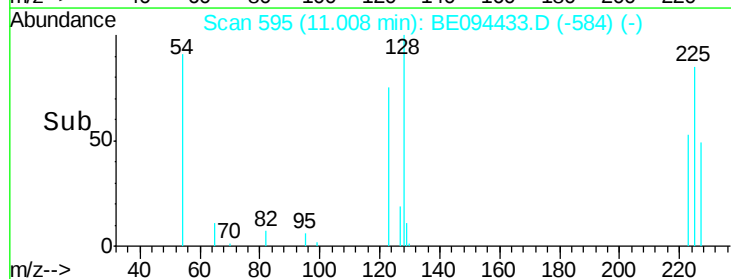
227 61.9 51.4 77.2



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: 0.418 ng

RT: 12.30 min Scan# 826

Delta R.T. 0.01 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

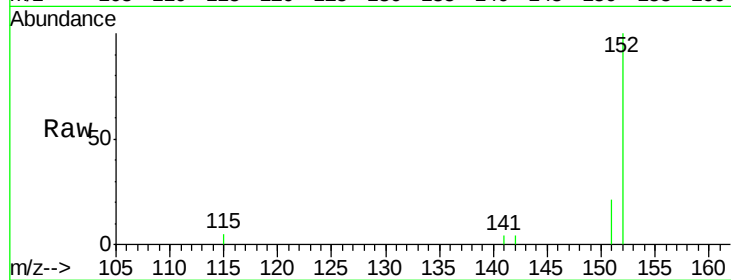
LOD-WATER-05-QT4-2017

Tgt Ion:152 Resp: 3690

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.30

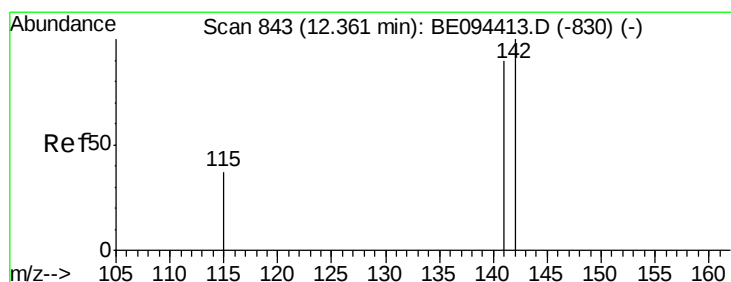
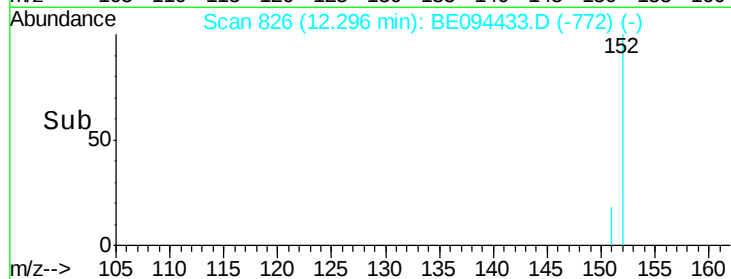
1500

1000

500

0

Time--> 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.121 ng

RT: 12.37 min Scan# 845

Delta R.T. 0.01 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

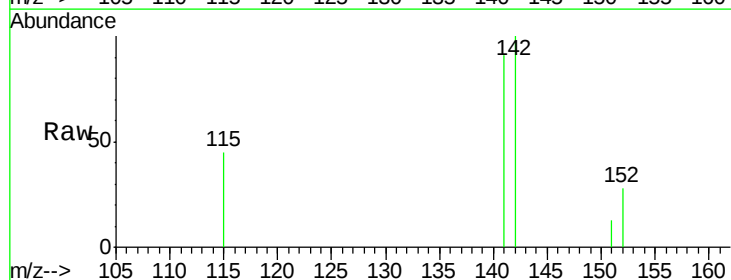
Tgt Ion:142 Resp: 1275

Ion Ratio Lower Upper

142 100

141 91.4 70.4 105.6

115 44.8 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

12.37

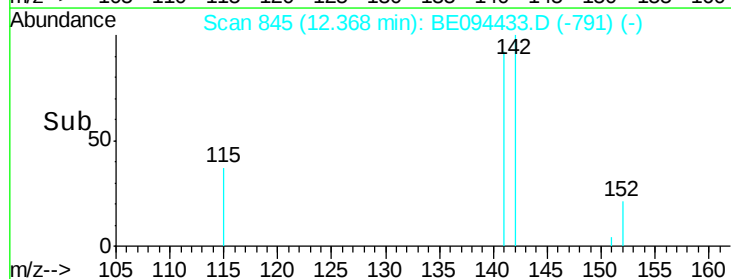
600

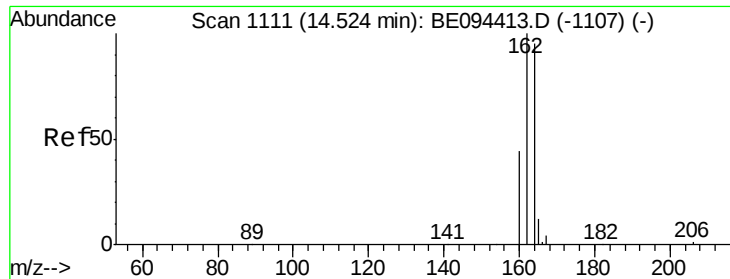
400

200

0

Time--> 12.30 12.40 12.50

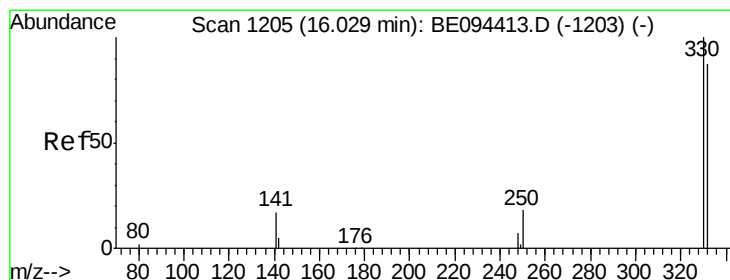
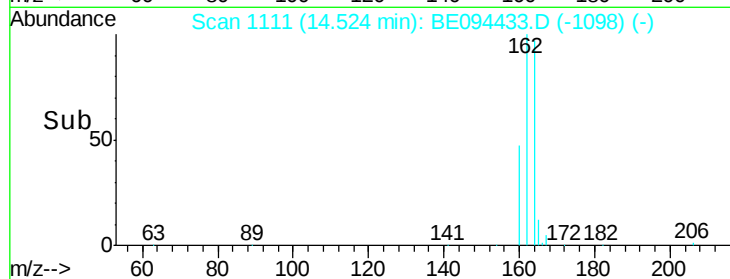
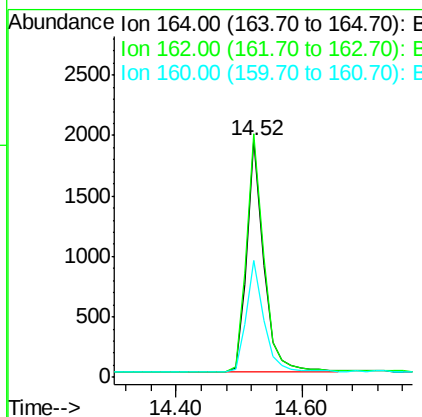
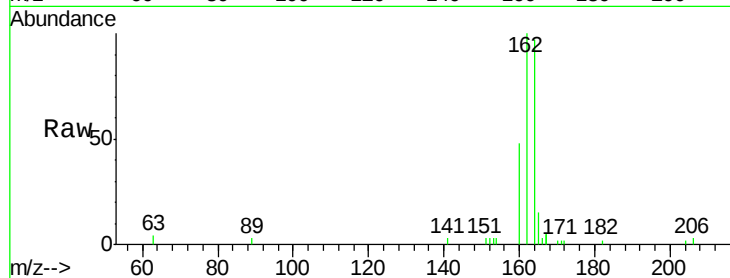




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BE094433.D
 Acq: 17 Oct 2017 17:24

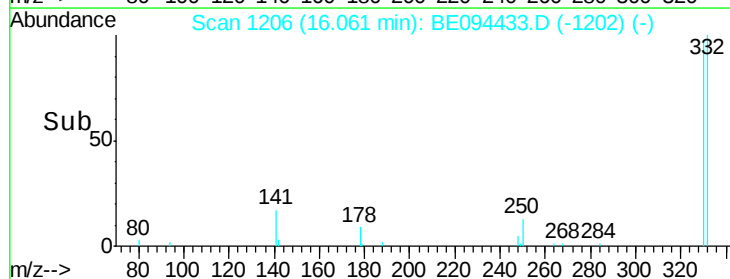
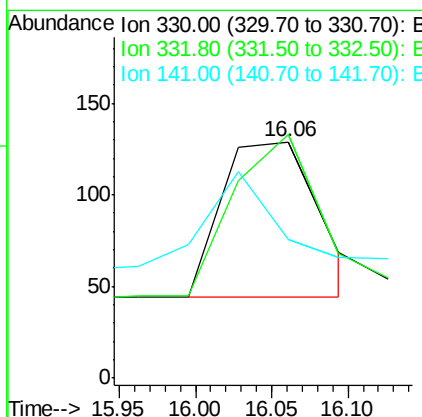
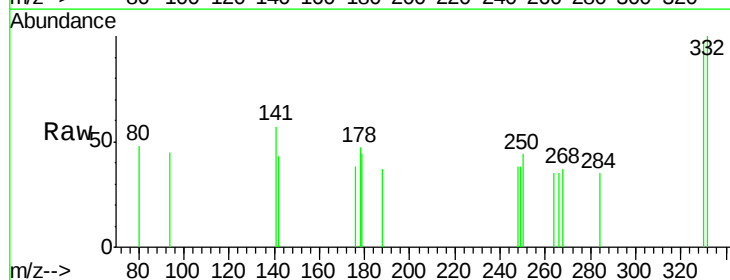
Instrument :
 BNA_E
 ClientSampleId :
 LOD-WATER-05-QT4-2017

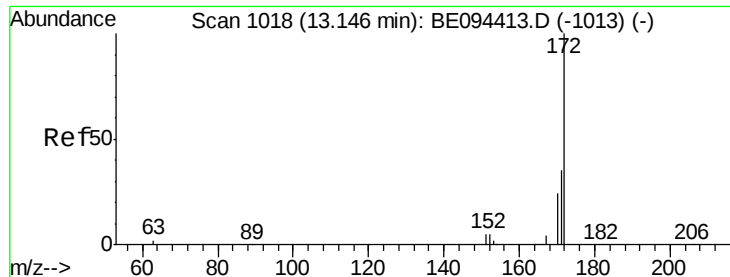
Tgt Ion:164 Resp: 3576
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.1 124.7
 160 49.5 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.276 ng
 RT: 16.06 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE094433.D
 Acq: 17 Oct 2017 17:24

Tgt Ion:330 Resp: 376
 Ion Ratio Lower Upper
 330 100
 332 90.4 152.7 229.1#
 141 0.0 33.7 50.5#

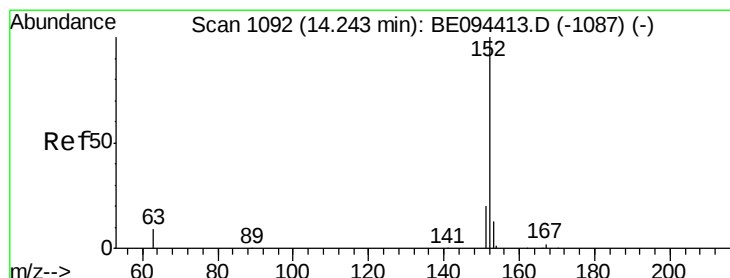
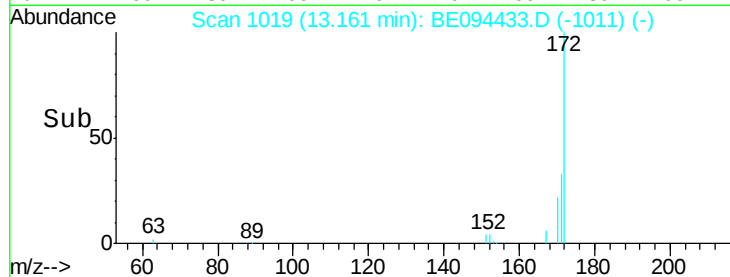
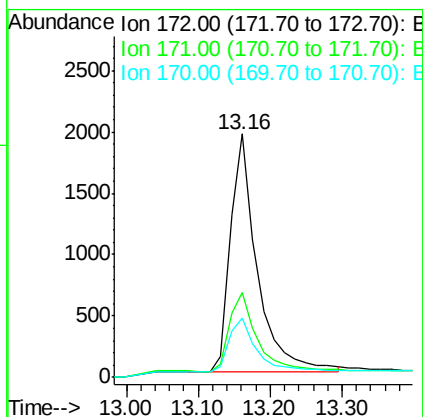
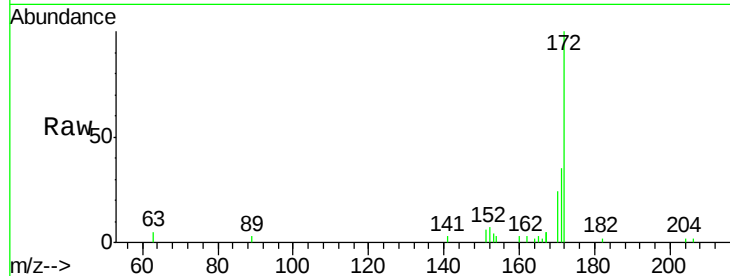




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.16 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BE094433.D
Acq: 17 Oct 2017 17:24

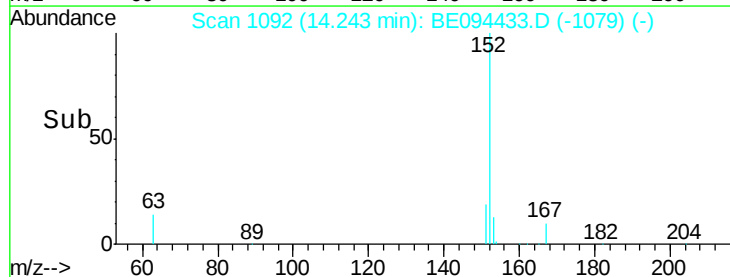
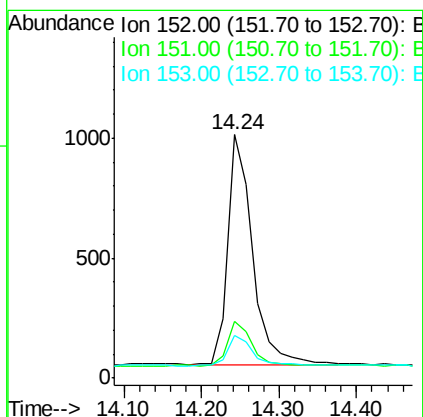
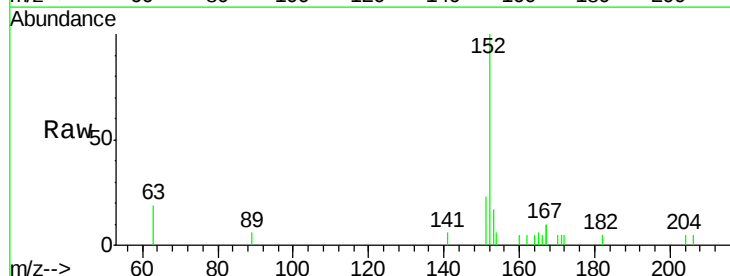
Instrument :
BNA_E
ClientSampleId :
LOD-WATER-05-QT4-2017

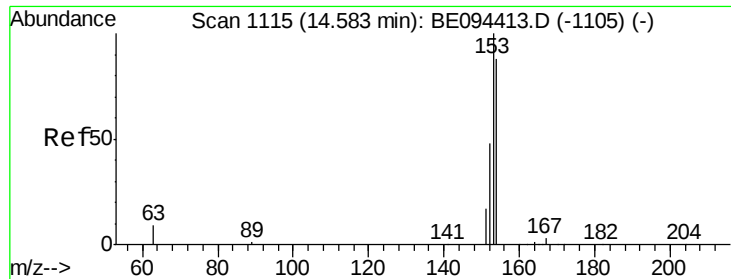
Tgt Ion:172 Resp: 5013
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 24.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.108 ng
RT: 14.24 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE094433.D
Acq: 17 Oct 2017 17:24

Tgt Ion:152 Resp: 2100
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 13.7 10.5 15.7

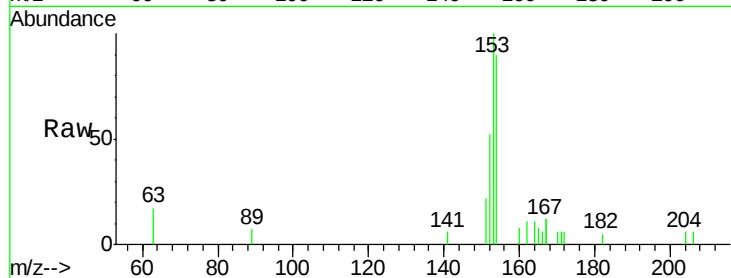




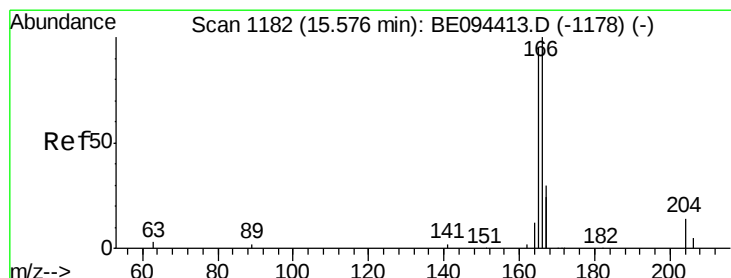
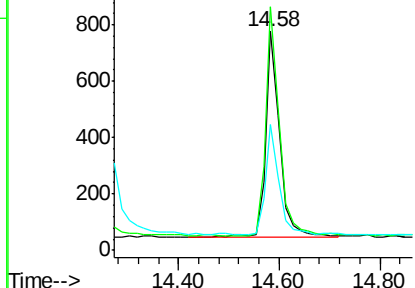
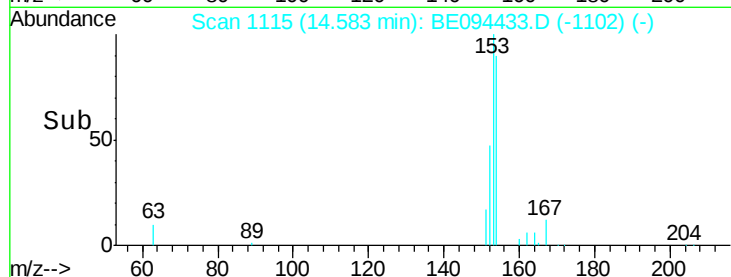
#17
Acenaphthene
Concen: 0.116 ng
RT: 14.58 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE094433.D
Acq: 17 Oct 2017 17:24

Instrument :
BNA_E
ClientSampleId :
LOD-WATER-05-QT4-2017

Tgt Ion:154 Resp: 1412
Ion Ratio Lower Upper
154 100
153 109.1 89.2 133.8
152 51.8 42.0 63.0

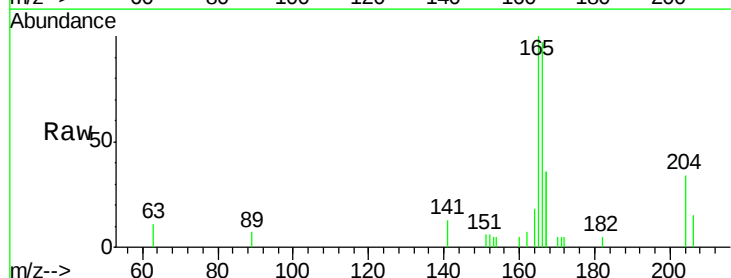


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

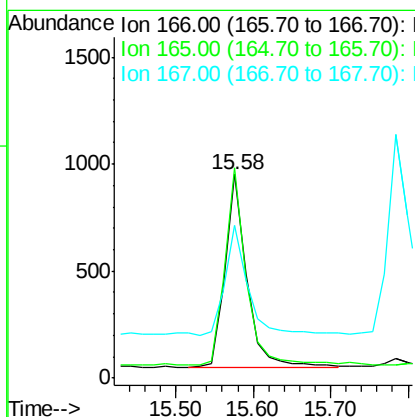
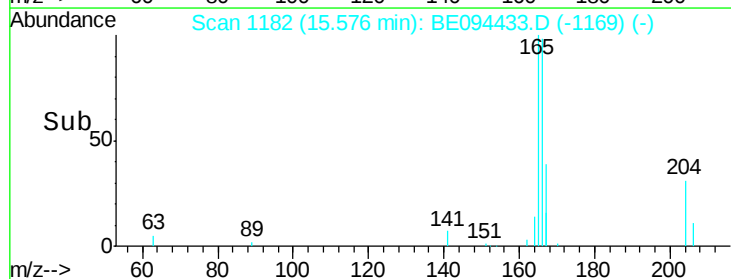


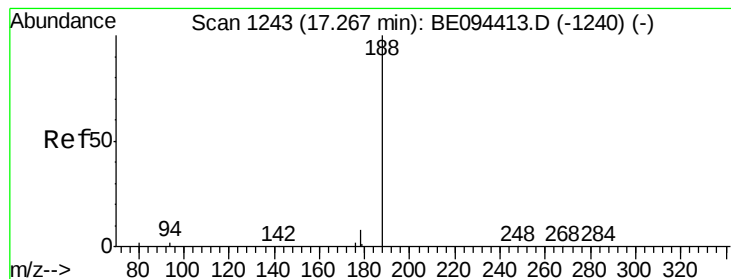
#18
Fluorene
Concen: 0.111 ng
RT: 15.58 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE094433.D
Acq: 17 Oct 2017 17:24

Tgt Ion:166 Resp: 1749
Ion Ratio Lower Upper
166 100
165 99.9 77.8 116.6
167 60.1 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# 1243

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017

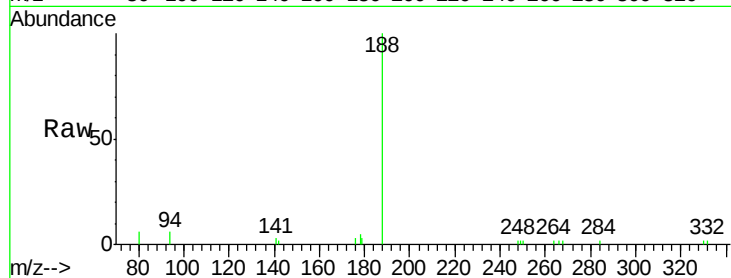
Tgt Ion:188 Resp: 6929

Ion Ratio Lower Upper

188 100

94 5.9 3.9 5.9#

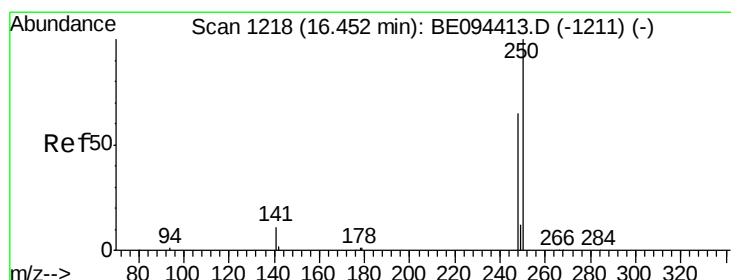
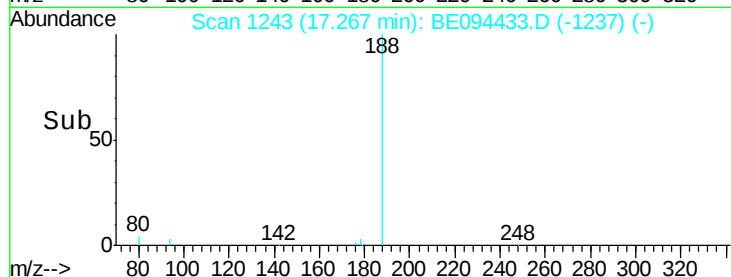
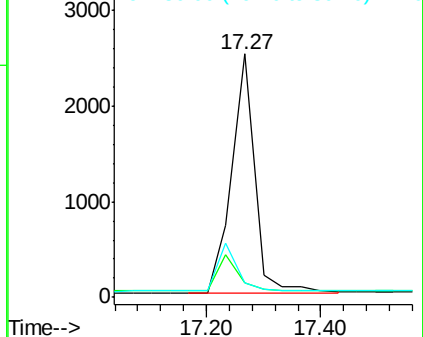
80 6.0 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.128 ng

RT: 16.45 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

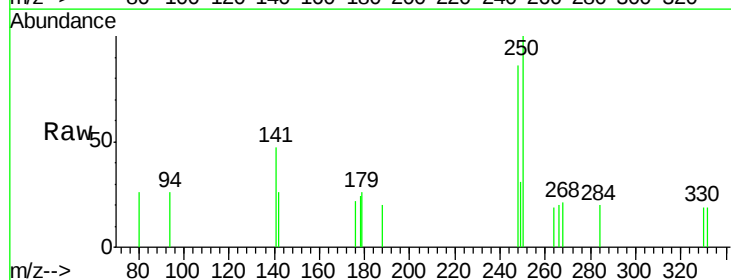
Tgt Ion:248 Resp: 442

Ion Ratio Lower Upper

248 100

250 116.0 62.7 94.1#

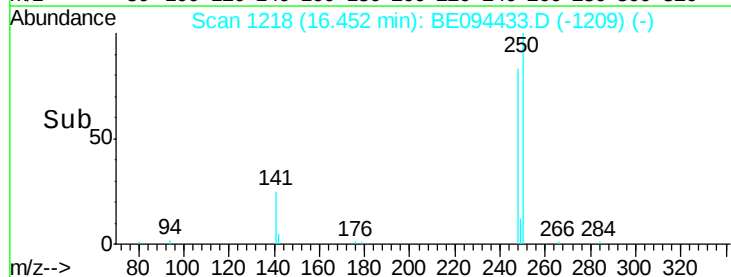
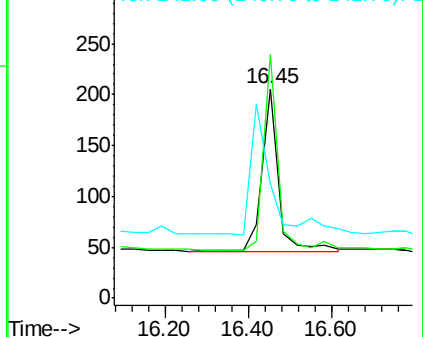
141 54.9 48.2 72.2



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: 0.113 ng

RT: 16.58 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017

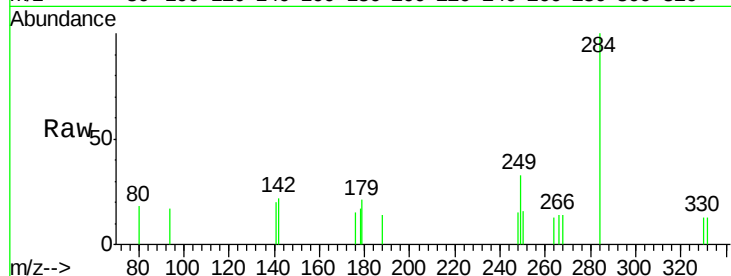
Tgt Ion: 284 Resp: 630

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

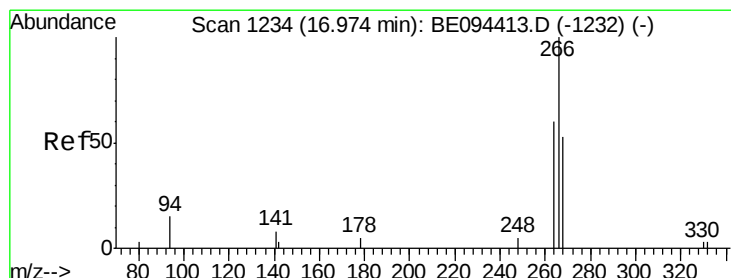
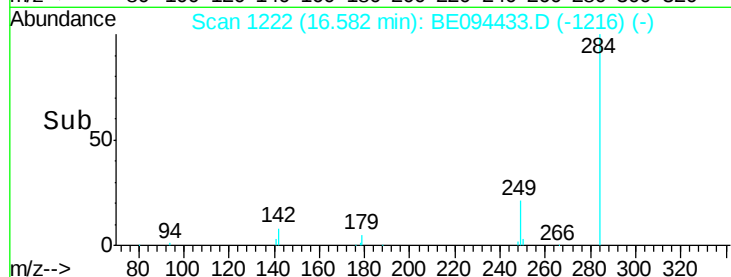
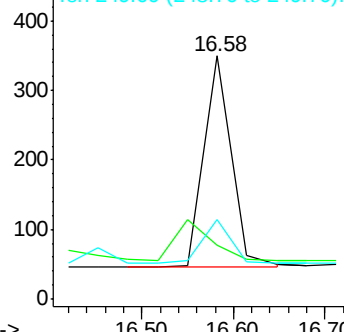
249 21.7 34.8 52.2#



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



#22

Pentachlorophenol

Concen: 0.181 ng

RT: 17.04 min Scan# 1236

Delta R.T. 0.07 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

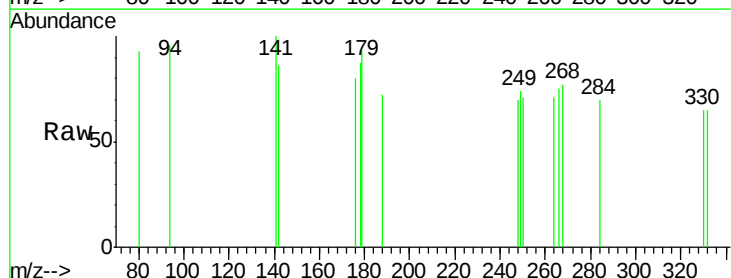
Tgt Ion: 266 Resp: 18

Ion Ratio Lower Upper

266 100

264 94.2 72.5 108.7

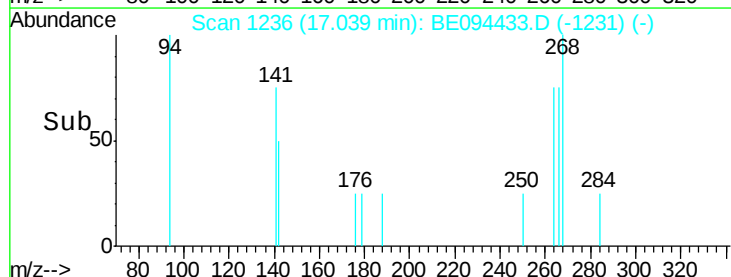
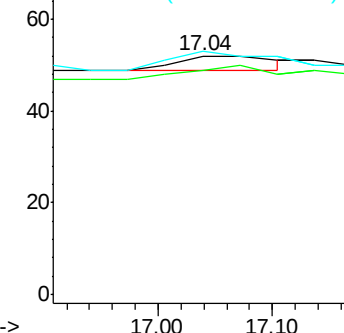
268 101.9 73.8 110.6

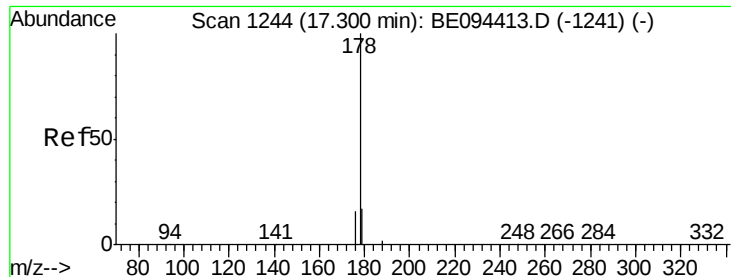


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.118 ng

RT: 17.30 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017

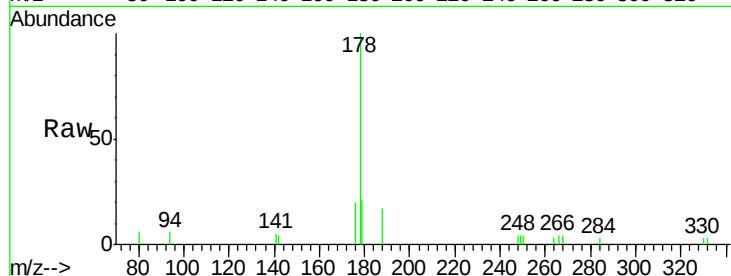
Tgt Ion:178 Resp: 3215

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

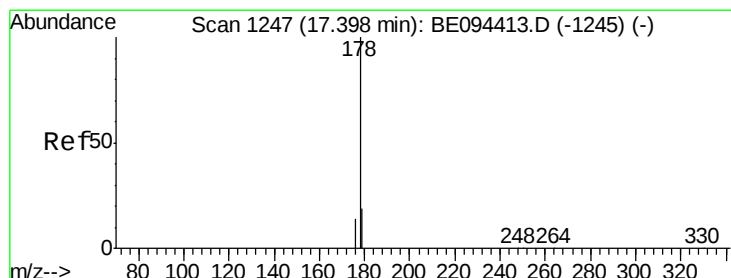
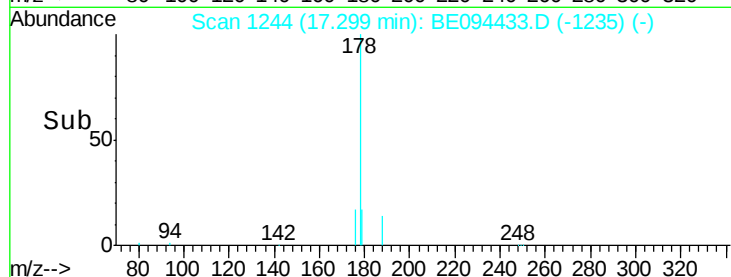
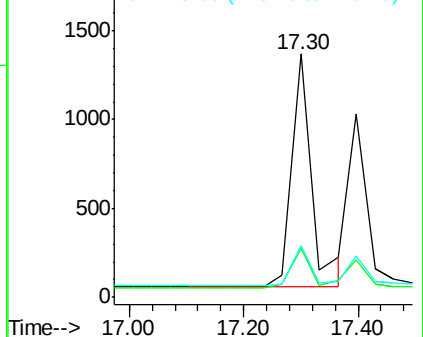
179 17.3 11.8 17.6



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: 0.103 ng

RT: 17.40 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

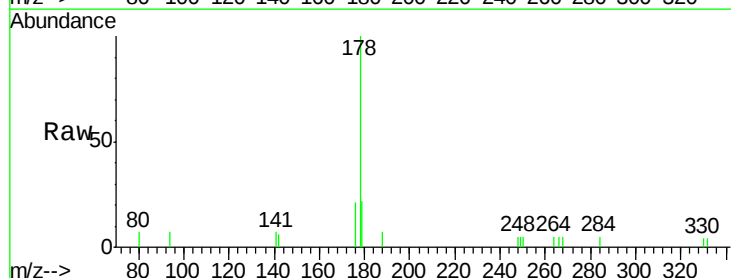
Tgt Ion:178 Resp: 2165

Ion Ratio Lower Upper

178 100

176 16.6 12.8 19.2

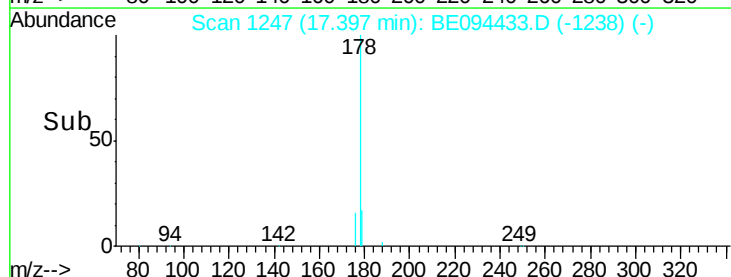
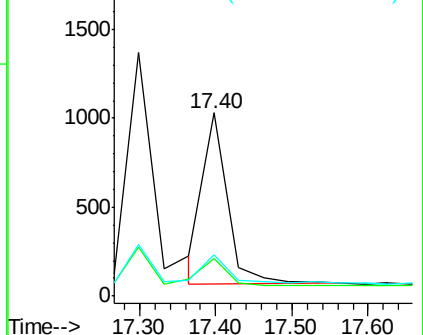
179 17.5 13.0 19.6

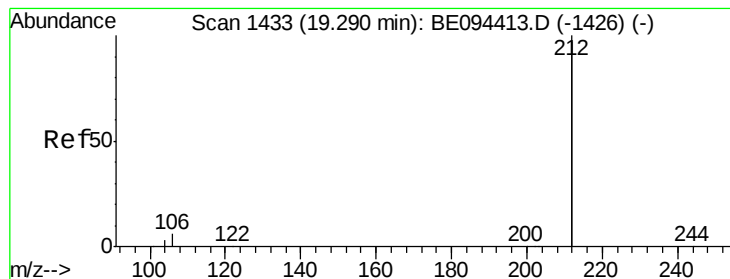


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 19.29 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

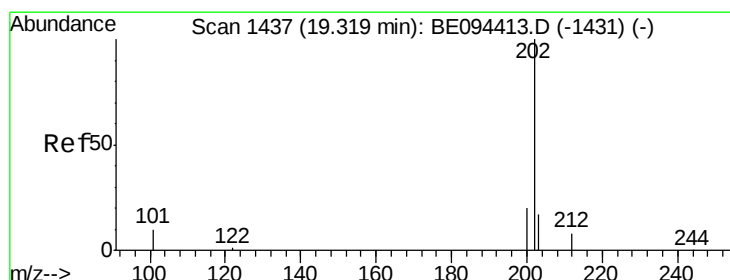
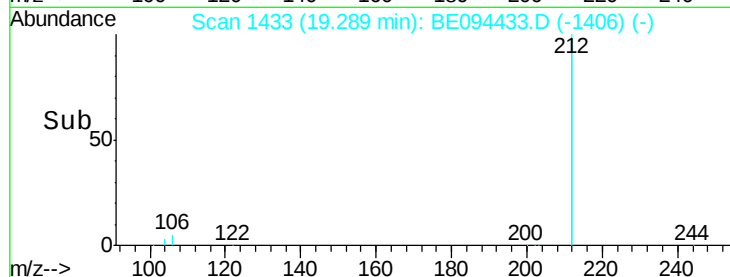
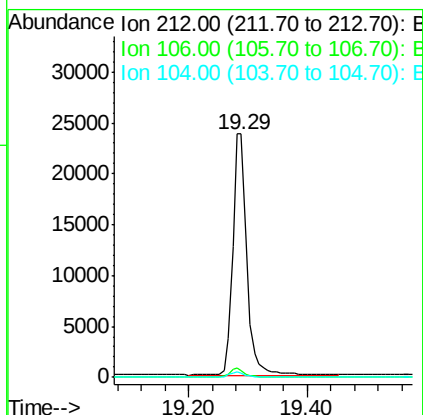
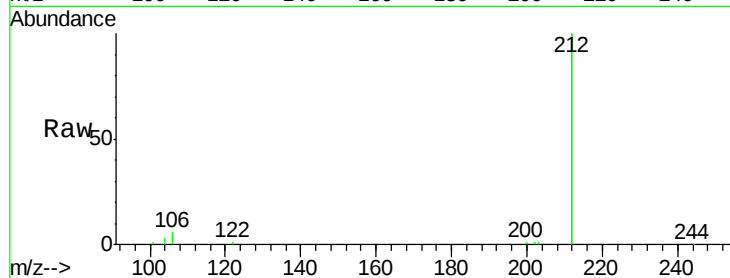
Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017

Tgt Ion:	212	Resp:	39549
Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4



#26

Fluoranthene

Concen: 0.103 ng

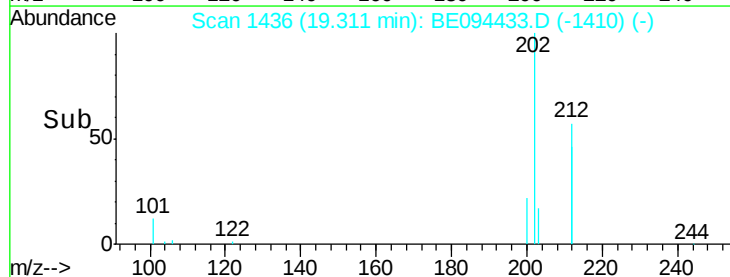
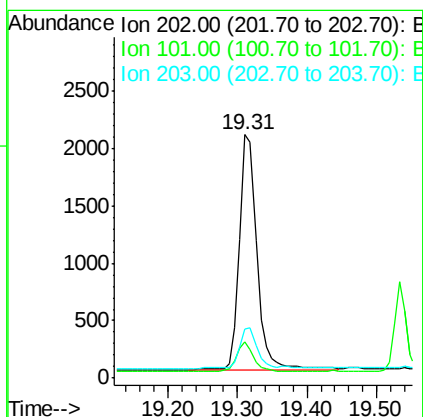
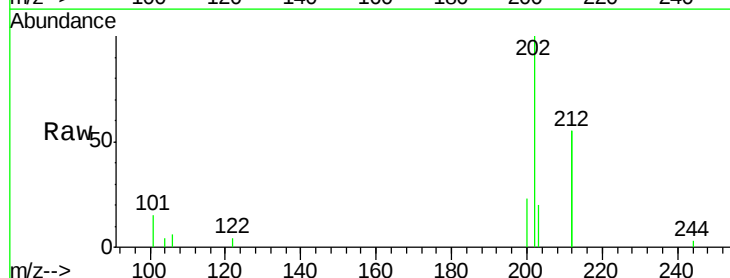
RT: 19.31 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Tgt Ion:	202	Resp:	3487
Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.8
203	18.6	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017

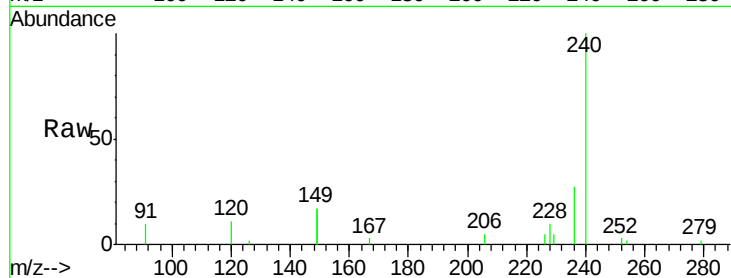
Tgt Ion:240 Resp: 8961

Ion Ratio Lower Upper

240 100

120 11.2 5.5 8.3#

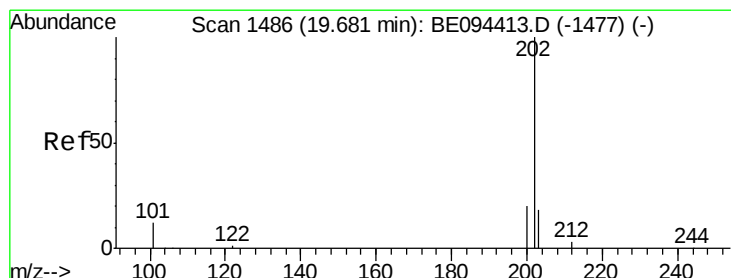
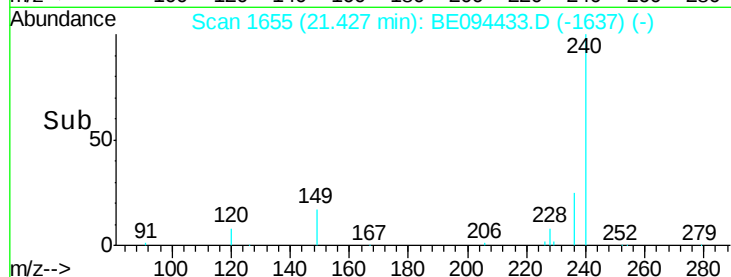
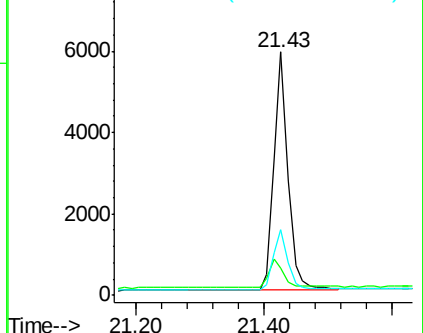
236 26.9 20.7 31.1



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: 0.107 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

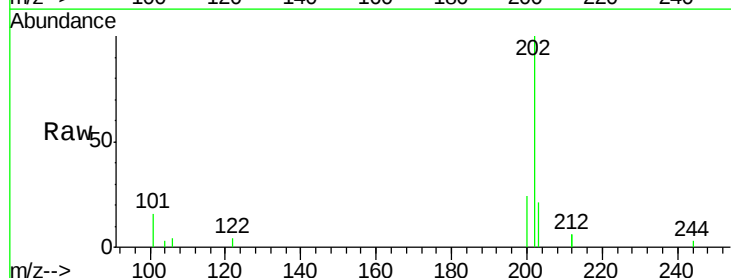
Tgt Ion:202 Resp: 3630

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

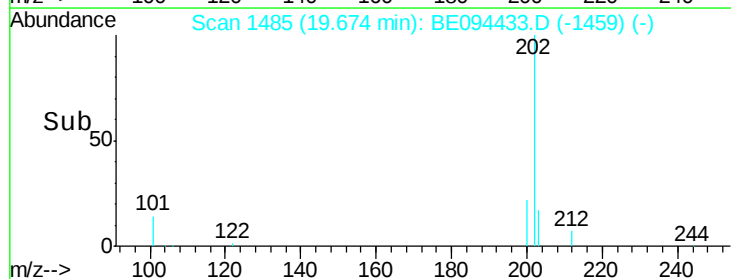
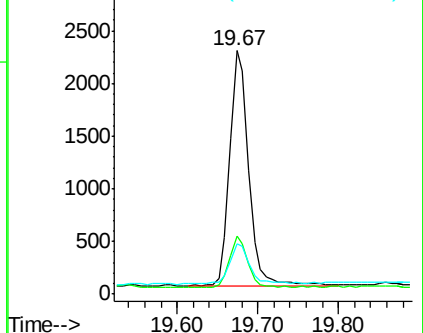
203 17.8 13.8 20.8

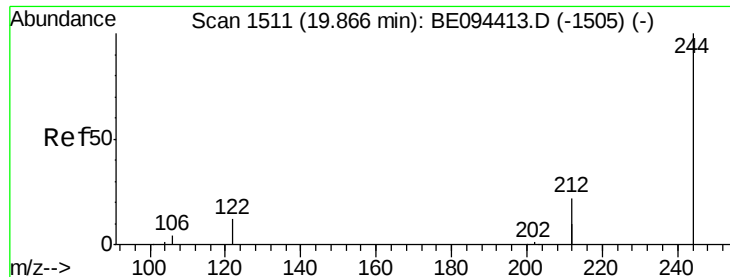


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.360 ng

RT: 19.87 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017

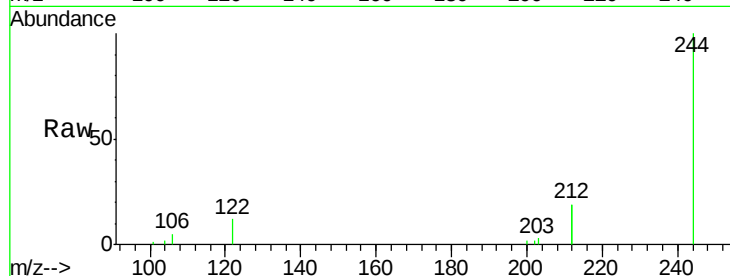
Tgt Ion:244 Resp: 6511

Ion Ratio Lower Upper

244 100

212 37.2 25.4 38.0

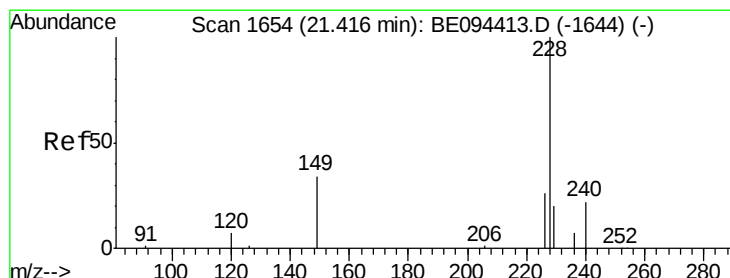
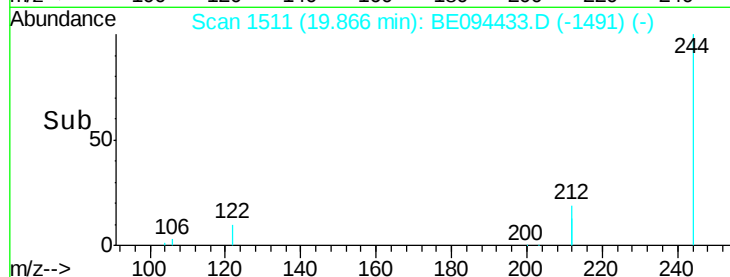
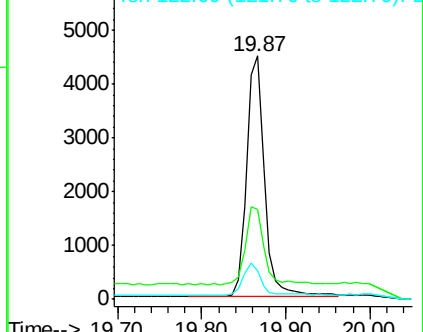
122 11.7 8.1 12.1



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: 0.107 ng

RT: 21.40 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

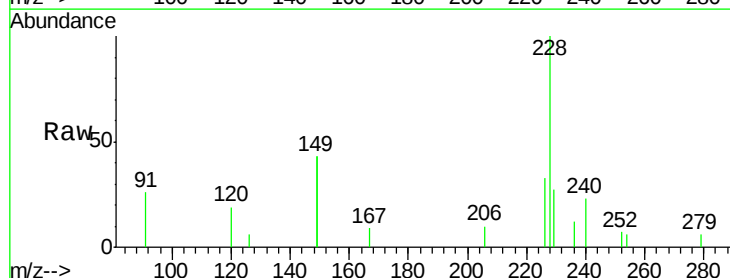
Tgt Ion:228 Resp: 3321

Ion Ratio Lower Upper

228 100

226 33.0 40.0 60.0#

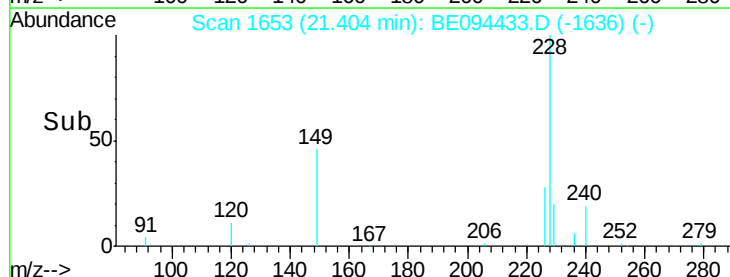
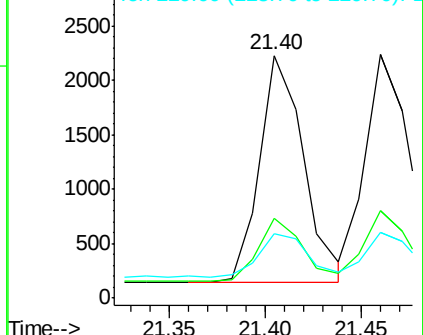
229 26.7 40.0 60.0#

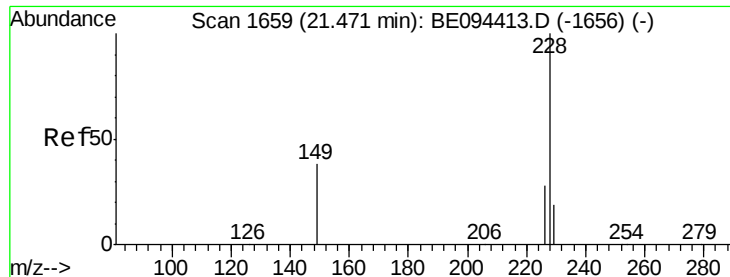


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.112 ng

RT: 21.46 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017

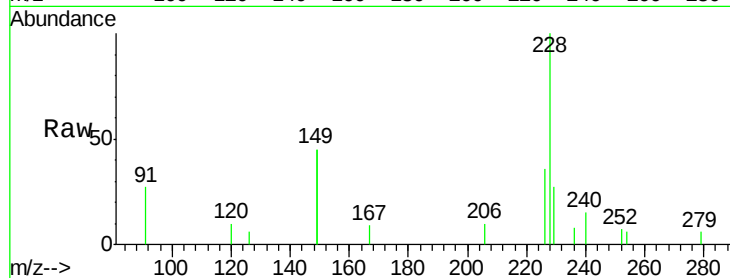
Tgt Ion: 228 Resp: 3354

Ion Ratio Lower Upper

228 100

226 35.8 40.0 60.0#

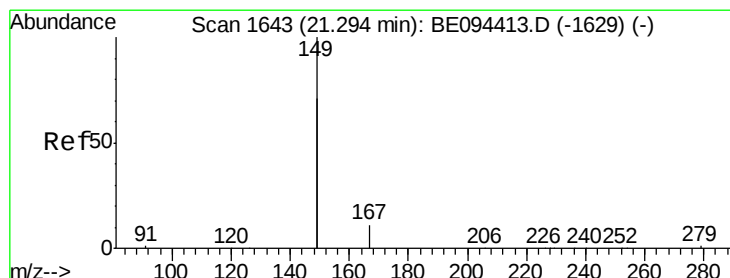
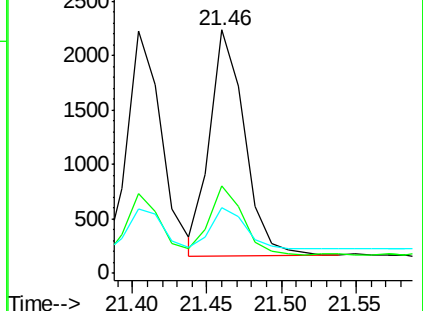
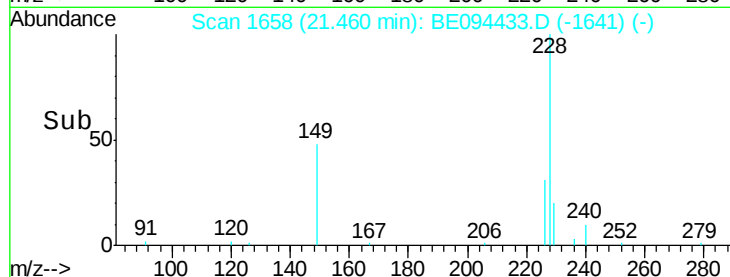
229 27.1 40.0 60.0#



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: 0.110 ng

RT: 21.29 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

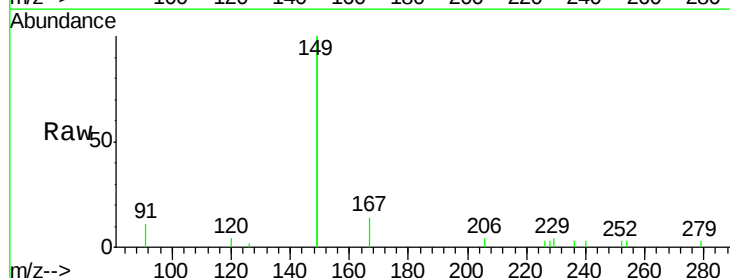
Tgt Ion: 149 Resp: 9857

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

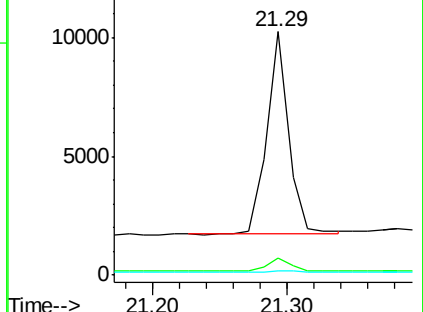
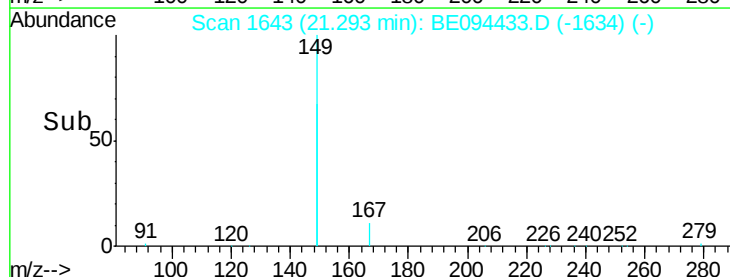
279 1.0 0.7 1.1

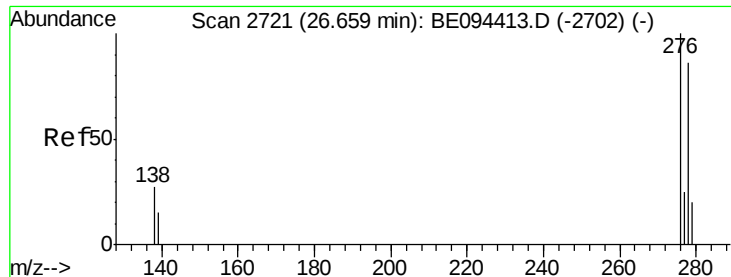


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.110 ng

RT: 26.64 min Scan# 2717

Delta R.T. -0.02 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017

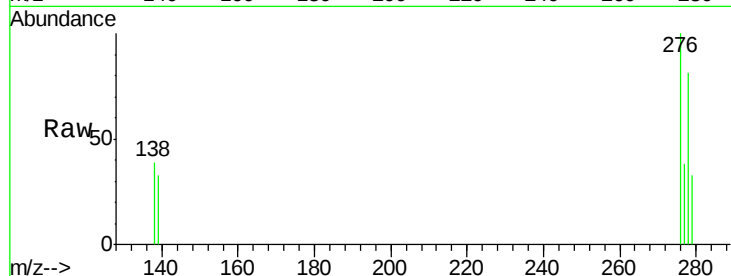
Tgt Ion:276 Resp: 3318

Ion Ratio Lower Upper

276 100

138 27.5 22.5 33.7

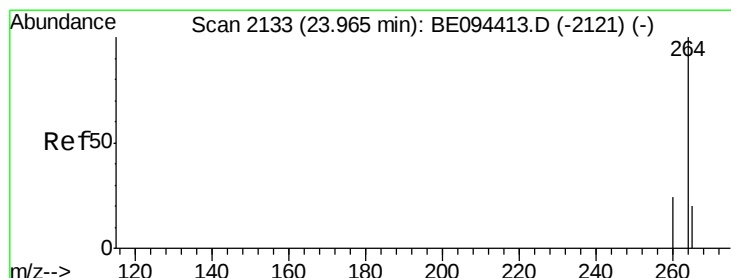
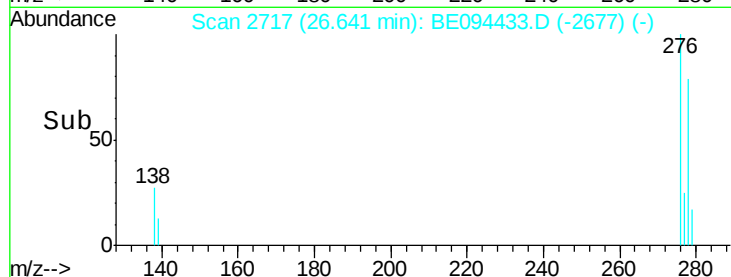
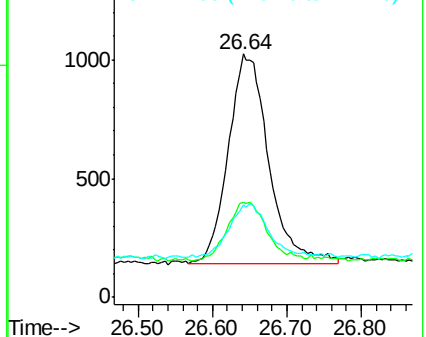
277 25.3 19.9 29.9



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# 2131

Delta R.T. -0.01 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

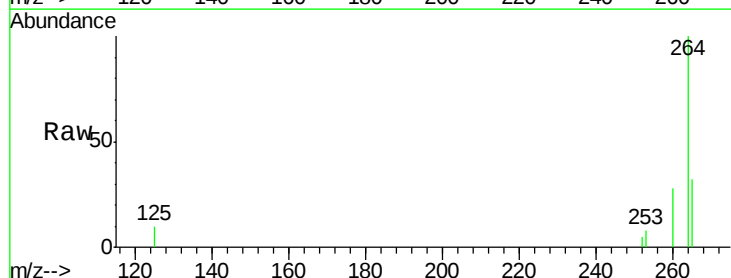
Tgt Ion:264 Resp: 8550

Ion Ratio Lower Upper

264 100

260 27.6 20.5 30.7

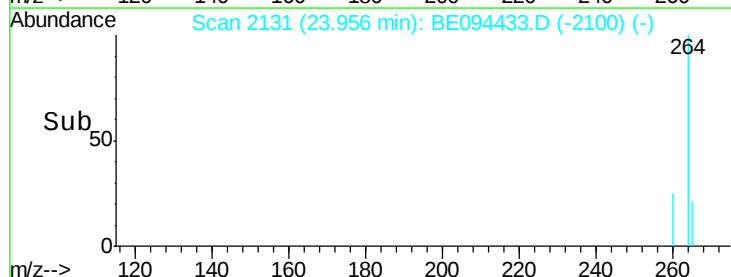
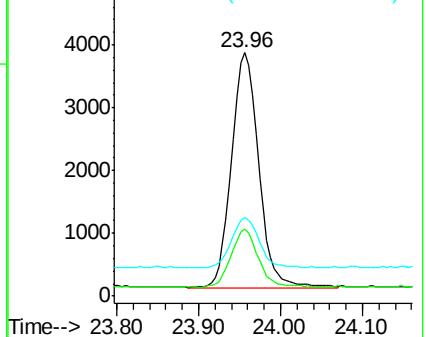
265 32.2 22.8 34.2

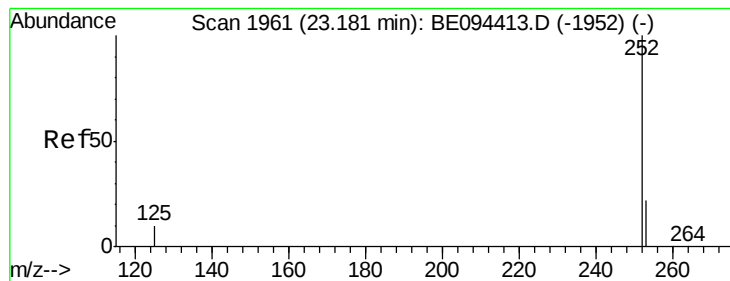


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.109 ng

RT: 23.18 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017

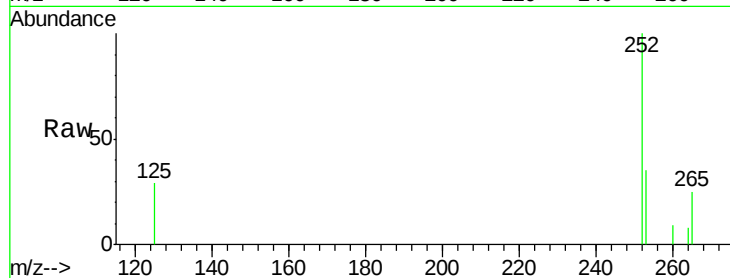
Tgt Ion:252 Resp: 3165

Ion Ratio Lower Upper

252 100

253 35.2 48.0 72.0#

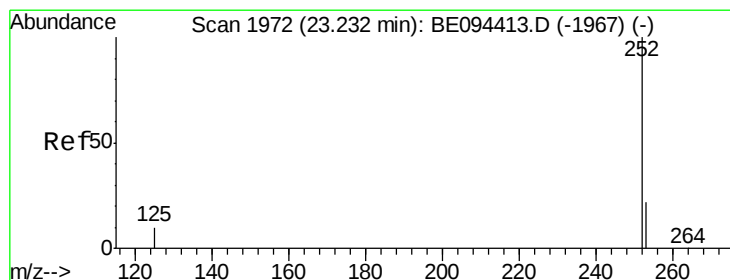
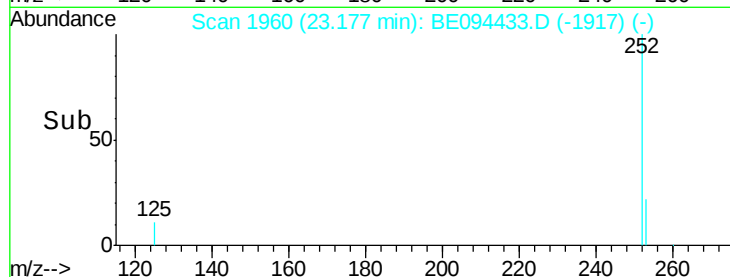
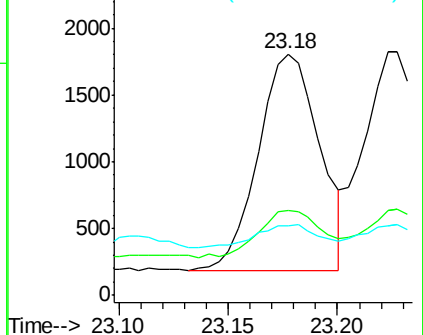
125 28.6 56.0 84.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.115 ng

RT: 23.23 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BE094433.D

Acq: 17 Oct 2017 17:24

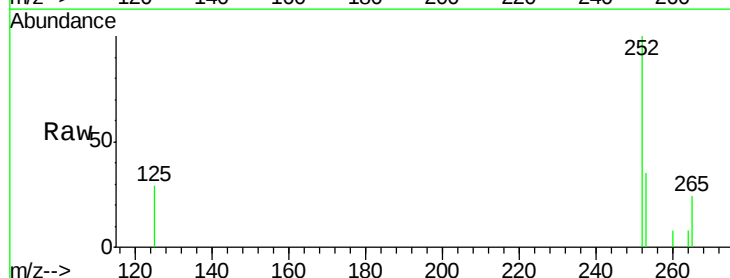
Tgt Ion:252 Resp: 3299

Ion Ratio Lower Upper

252 100

253 35.3 48.0 72.0#

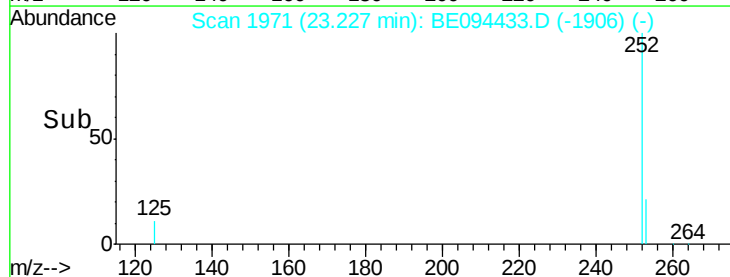
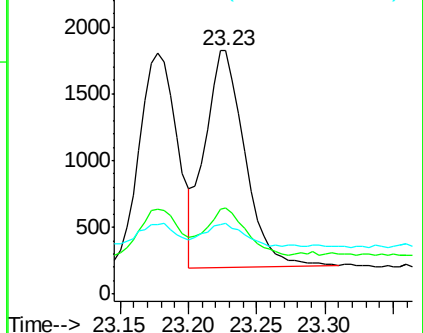
125 28.9 56.0 84.0#

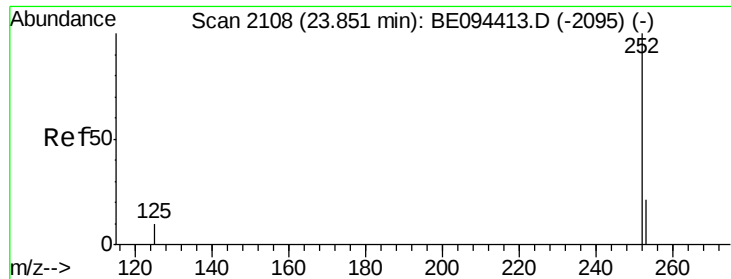


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

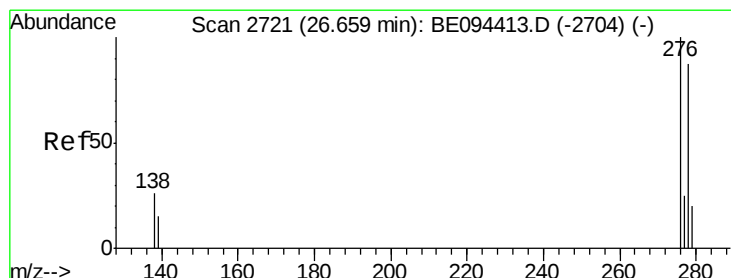
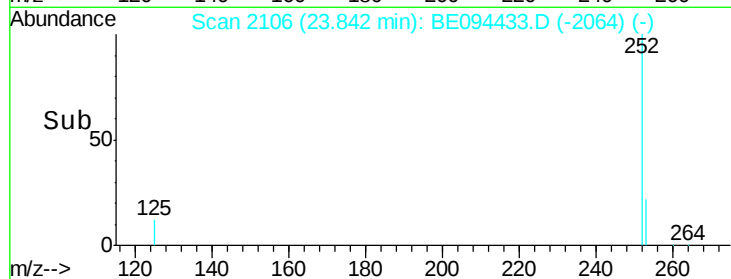
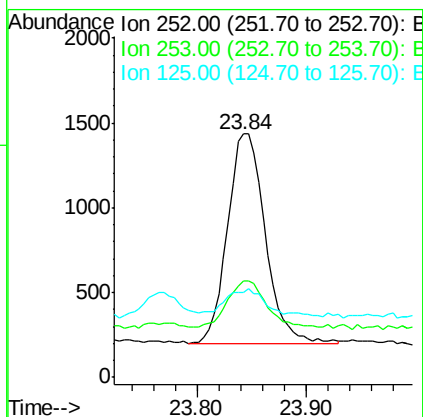
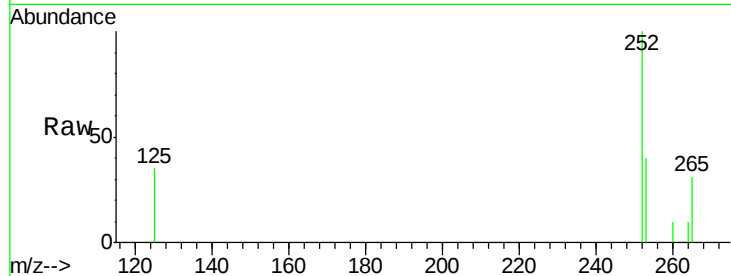




#37
Benzo(a)pyrene
Concen: 0.108 ng
RT: 23.84 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BE094433.D
Acq: 17 Oct 2017 17:24

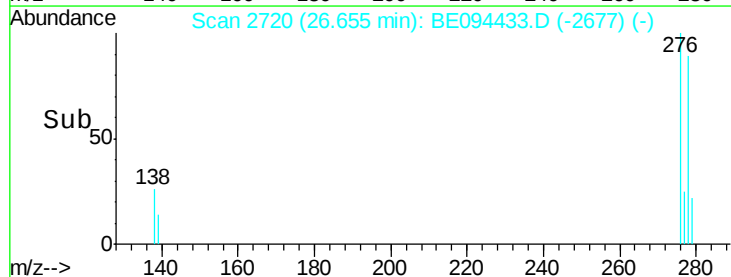
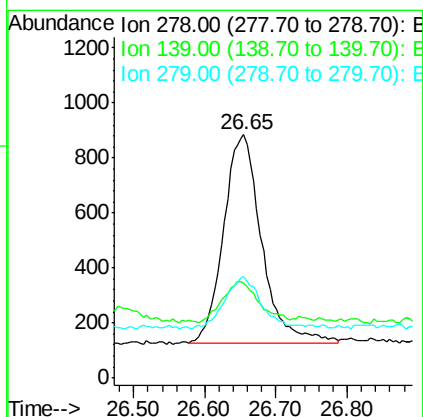
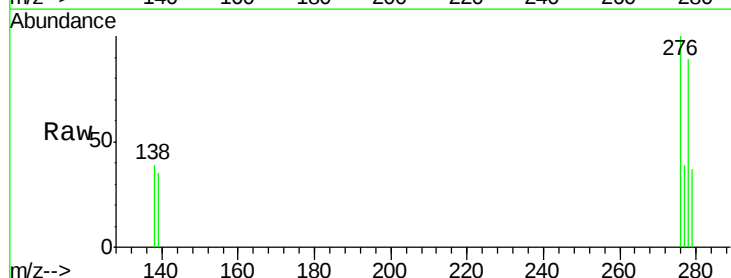
Instrument :
BNA_E
ClientSampleId :
LOD-WATER-05-QT4-2017

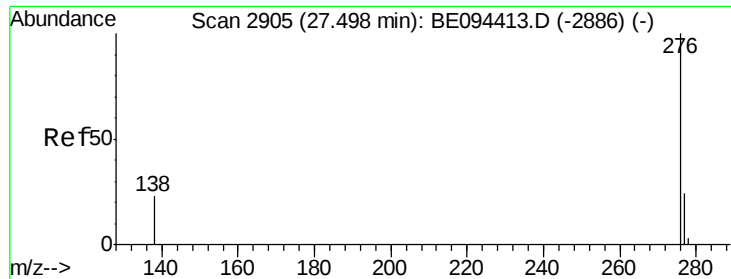
Tgt Ion: 252 Resp: 2936
Ion Ratio Lower Upper
252 100
253 39.6 52.0 78.0#
125 35.1 68.0 102.0#



#38
Dibenzo(a,h)anthracene
Concen: 0.109 ng
RT: 26.65 min Scan# 2720
Delta R.T. -0.00 min
Lab File: BE094433.D
Acq: 17 Oct 2017 17:24

Tgt Ion: 278 Resp: 2808
Ion Ratio Lower Upper
278 100
139 39.2 56.0 84.0#
279 41.7 52.0 78.0#





#39

Benzo(g,h,i)perylene

Concen: 0.109 ng

RT: 27.48 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BE094433.D

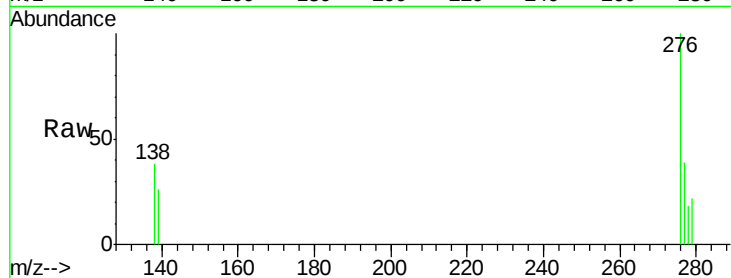
Acq: 17 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

LOD-WATER-05-QT4-2017



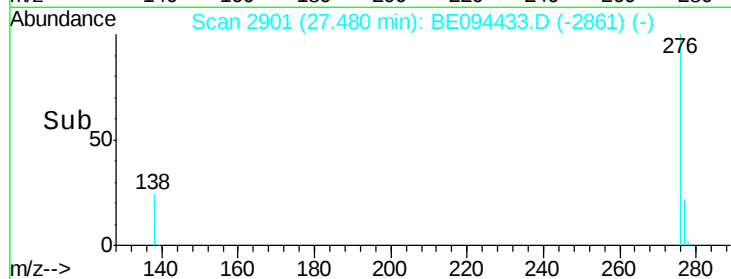
Tgt Ion: 276 Resp: 2696

Ion Ratio Lower Upper

276 100

277 38.6 52.0 78.0#

138 38.0 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

