

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095555.D
 Acq On : 7 Feb 2018 16:29
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD 0.1ppm
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2018

Quant Time: Feb 08 01:16:01 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1363	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	5419	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3101	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7484	0.40	ng	0.00
27) Chrysene-d12	21.79	240	7336	0.40	ng	0.00
34) Perylene-d12	24.43	264	6776	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1158	0.28	ng	0.00
5) Phenol-d6	7.56	99	1514	0.27	ng	-0.01
8) Nitrobenzene-d5	9.61	82	1579	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2547	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	287	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4017	0.30	ng	0.00
25) Fluoranthene-d10	19.69	212	27054	0.27	ng	0.00
29) Terphenyl-d14	20.25	244	4699	0.30	ng	0.00

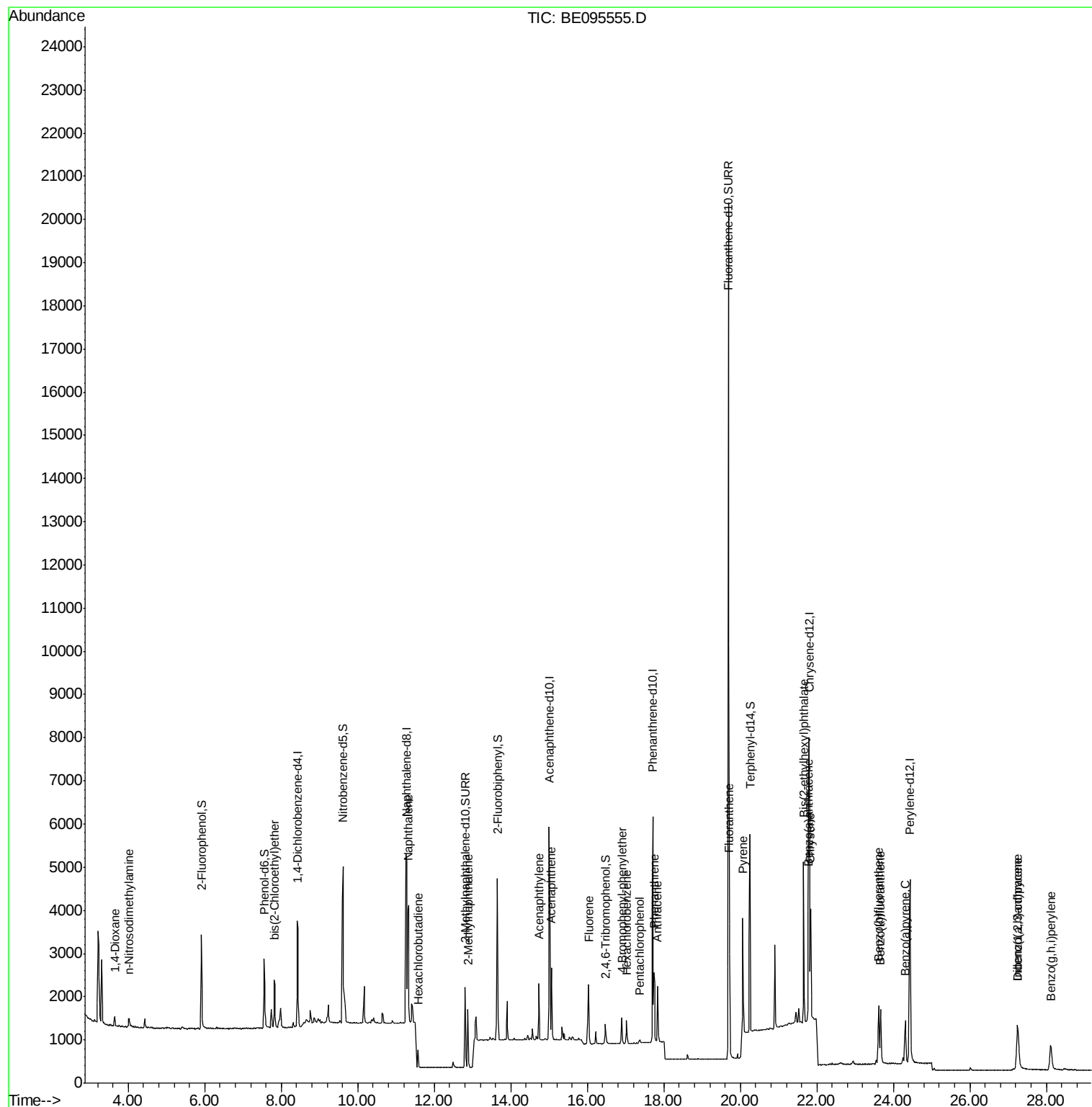
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	272	0.121	ng	# 78
3) n-Nitrosodimethylamine	4.00	42	199	0.070	ng	# 85
6) bis(2-Chloroethyl)ether	7.83	93	453	0.086	ng	# 87
9) Naphthalene	11.33	128	5551	0.088	ng	# 97
10) Hexachlorobutadiene	11.58	225	265	0.078	ng	# 97
12) 2-Methylnaphthalene	12.88	142	911	0.085	ng	# 95
16) Acenaphthylene	14.73	152	1455	0.082	ng	# 100
17) Acenaphthene	15.06	154	923	0.084	ng	# 94
18) Fluorene	16.04	166	1180	0.085	ng	# 76
20) 4-Bromophenyl-phenylether	16.91	248	388	0.086	ng	# 72
21) Hexachlorobenzene	17.03	284	415	0.089	ng	# 81
22) Pentachlorophenol	17.37	266	62	0.194	ng	# 95
23) Phenanthrene	17.74	178	2033	0.088	ng	# 97
24) Anthracene	17.83	178	1728	0.080	ng	# 95
26) Fluoranthene	19.72	202	2468	0.085	ng	# 96
28) Pyrene	20.06	202	2914	0.095	ng	# 98
30) Benzo(a)anthracene	21.78	228	2054	0.084	ng	# 97
31) Chrysene	21.84	228	2160	0.090	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.65	149	4110	0.073	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.24	276	1758	0.076	ng	# 94
35) Benzo(b)fluoranthene	23.61	252	2000	0.087	ng	# 93
36) Benzo(k)fluoranthene	23.66	252	1922	0.081	ng	# 83
37) Benzo(a)pyrene	24.31	252	1725	0.080	ng	# 83
38) Dibenzo(a,h)anthracene	27.26	278	1397	0.074	ng	# 82
39) Benzo(g,h,i)perylene	28.11	276	1664	0.082	ng	# 84

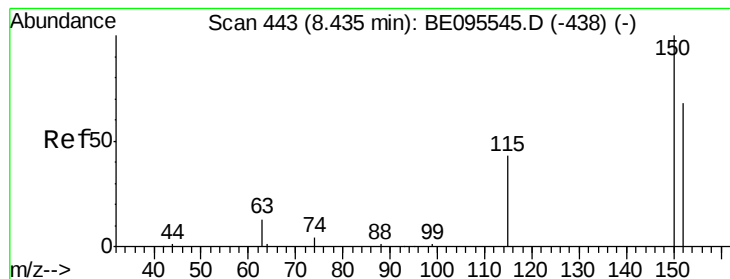
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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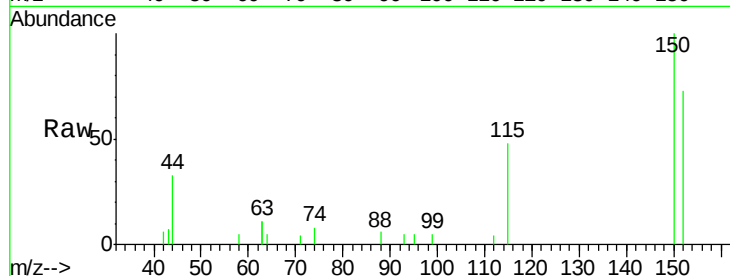


#1

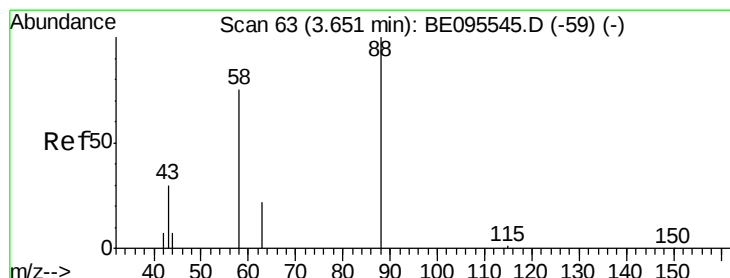
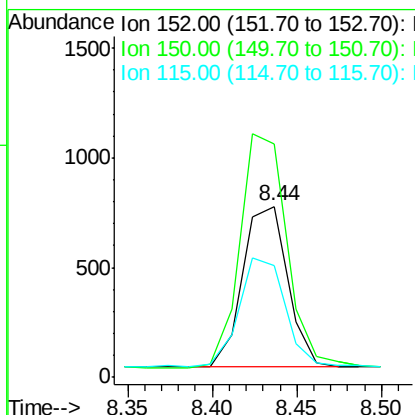
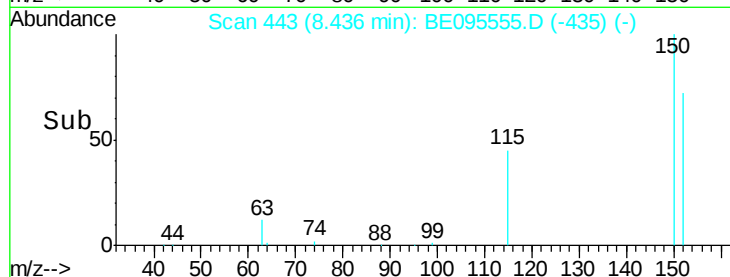
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.44 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tot Ion:152 Resp: 1363
Ion Ratio Lower Upper
152 100
150 136.6 117.2 175.8
115 65.3 57.0 85.6



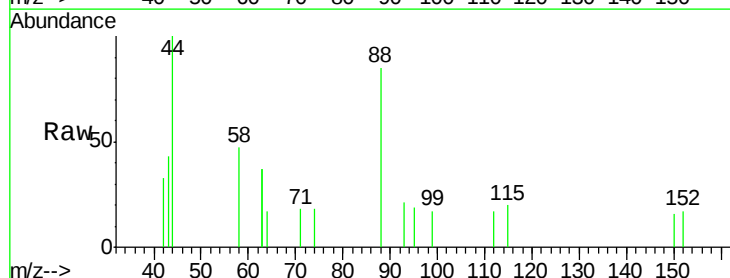
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



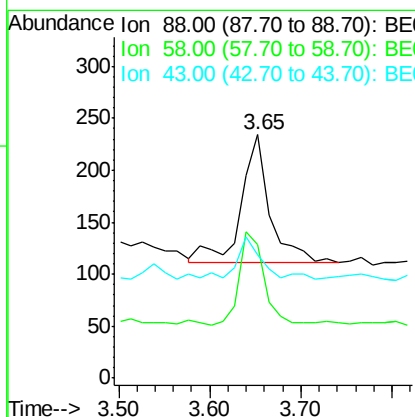
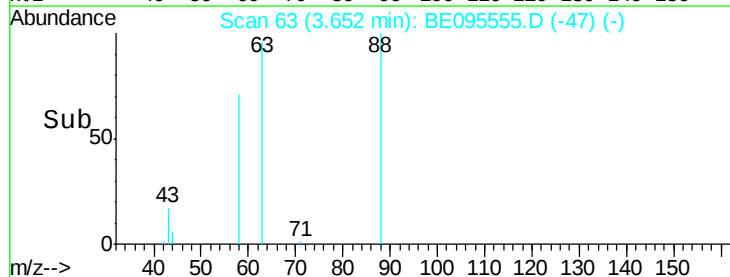
#2

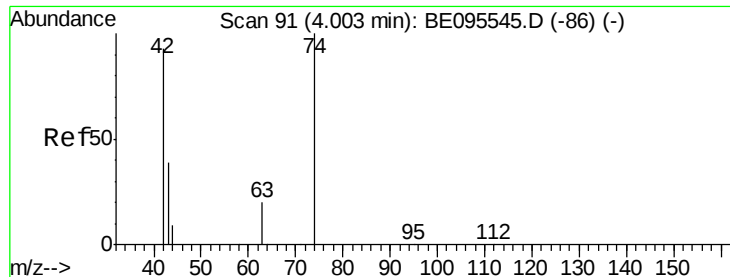
1,4-Dioxane
Concen: 0.121 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion: 88 Resp: 272
Ion Ratio Lower Upper
88 100
58 62.5 63.2 94.8#
43 33.1 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



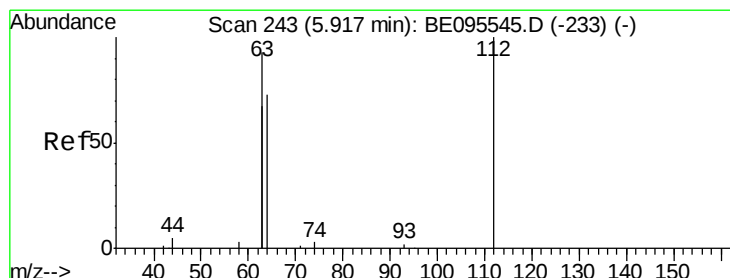
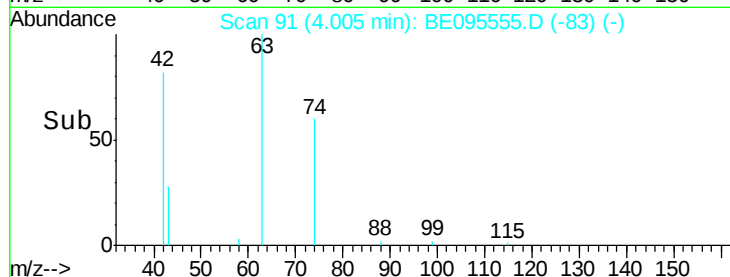
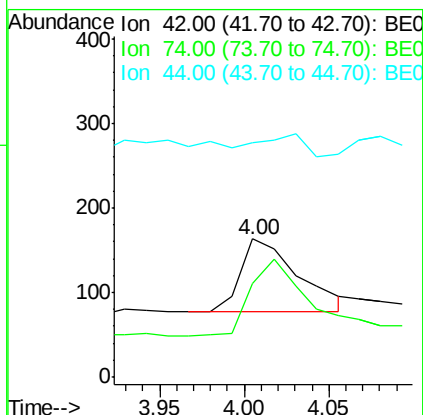
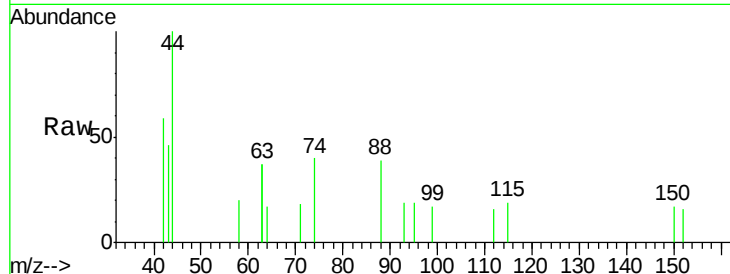


#3

n-Nitrosodimethylamine
 Concen: 0.070 ng
 RT: 4.00 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BE095555.D
 Acq: 7 Feb 2018 16:29

Instrument :
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 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2018

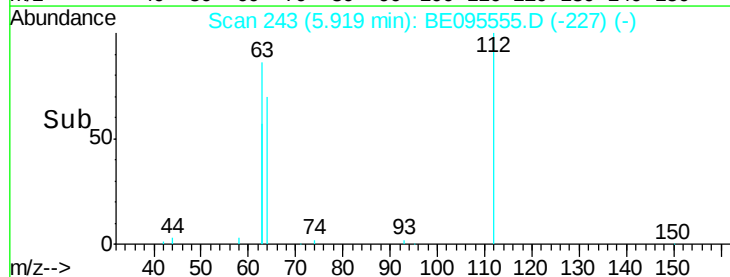
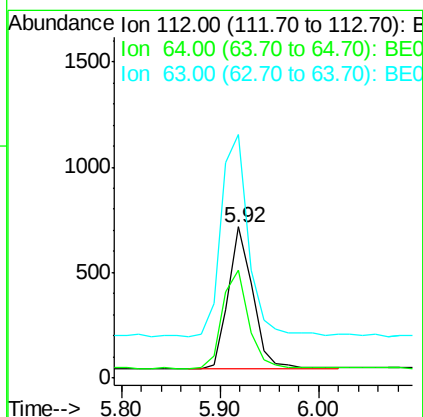
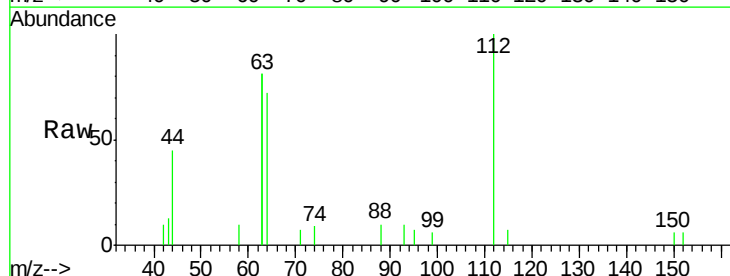
Tot Ion: 42 Resp: 199
 Ion Ratio Lower Upper
 42 100
 74 106.0 96.0 144.0
 44 0.0 12.0 18.0#

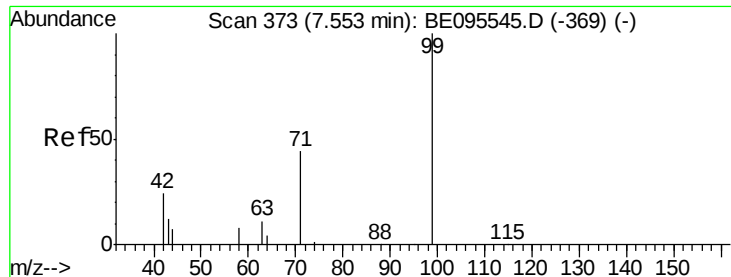


#4

2-Fluorophenol
 Concen: 0.282 ng
 RT: 5.92 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: BE095555.D
 Acq: 7 Feb 2018 16:29

Tgt Ion: 112 Resp: 1158
 Ion Ratio Lower Upper
 112 100
 64 75.0 60.1 90.1
 63 154.3 116.8 175.2





#5

Phenol-d6

Concen: 0.266 ng

RT: 7.56 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

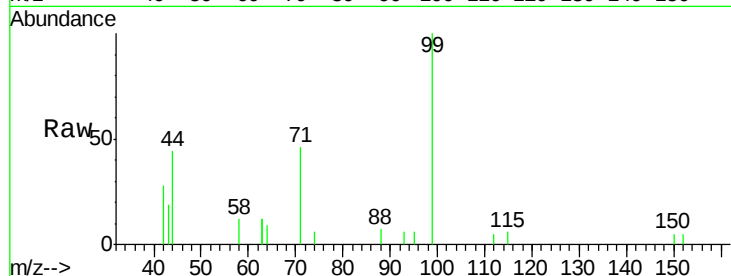
Tot Ion: 99 Resp: 1514

Ion Ratio Lower Upper

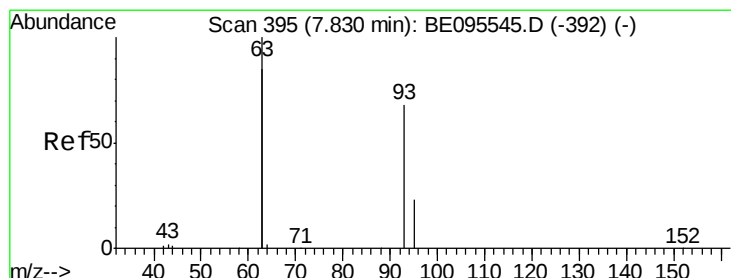
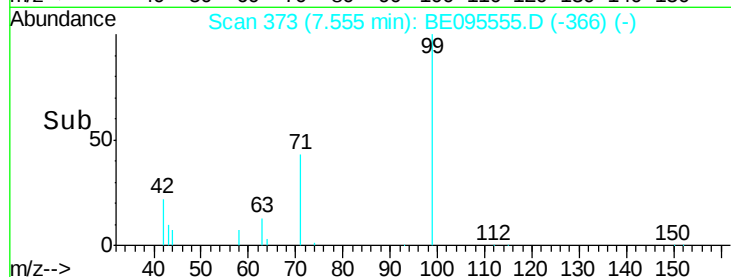
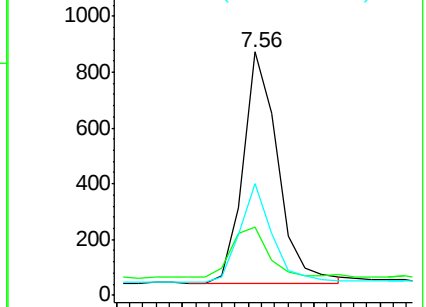
99 100

42 23.8 20.2 30.2

71 40.2 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



#6

bis(2-Chloroethyl)ether

Concen: 0.086 ng

RT: 7.83 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

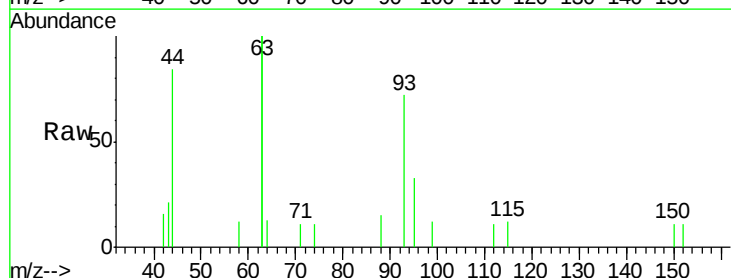
Tgt Ion: 93 Resp: 453

Ion Ratio Lower Upper

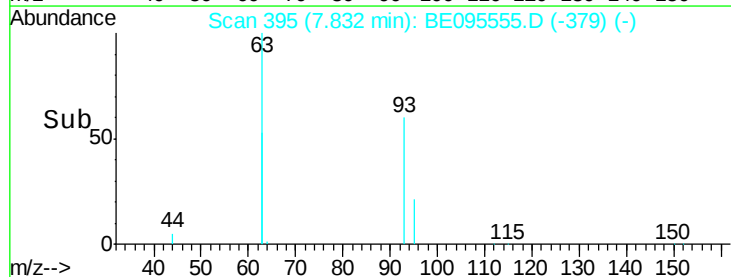
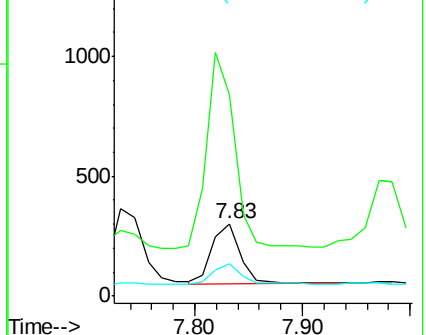
93 100

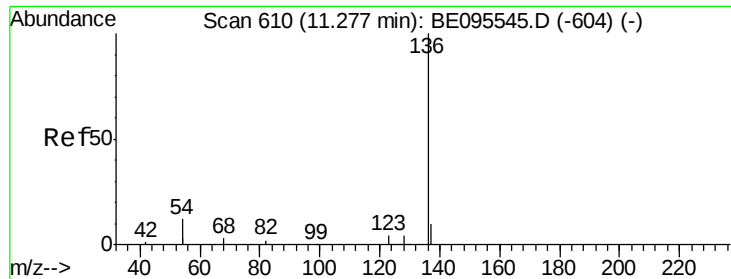
63 316.6 275.3 412.9

95 36.4 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

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

Tot Ion:136 Resp: 5419

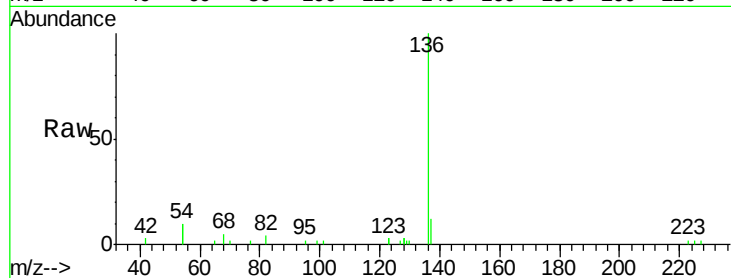
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 20.7 29.1 43.7#

68 4.9 6.2 9.2#

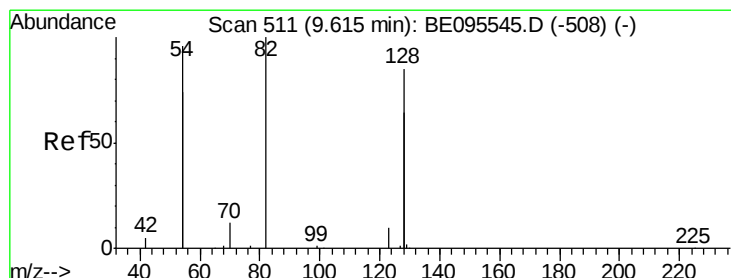
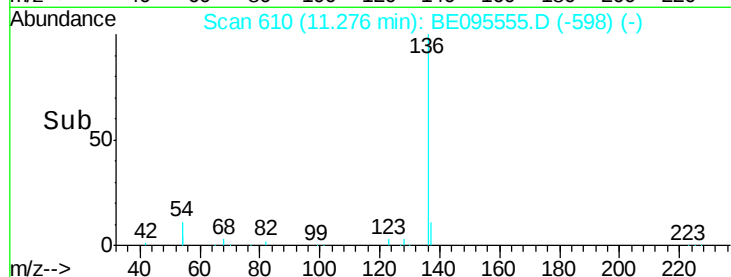
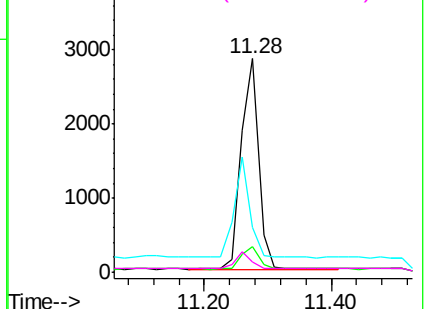


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.275 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

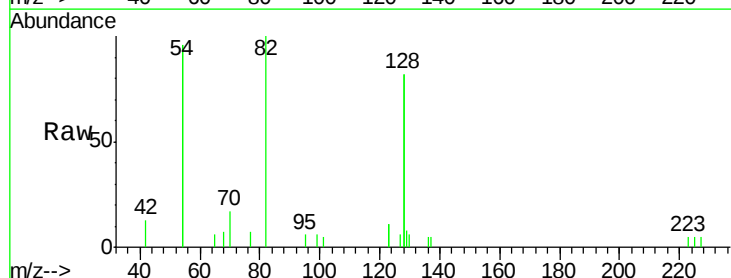
Tgt Ion: 82 Resp: 1579

Ion Ratio Lower Upper

82 100

128 163.6 150.0 225.0

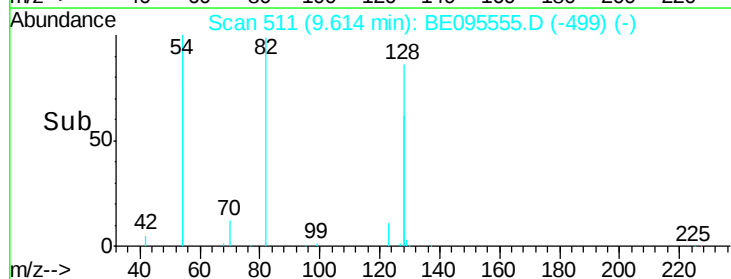
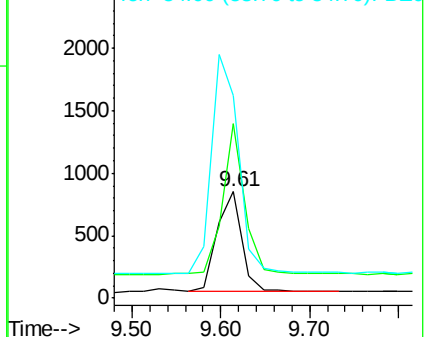
54 191.1 154.2 231.4

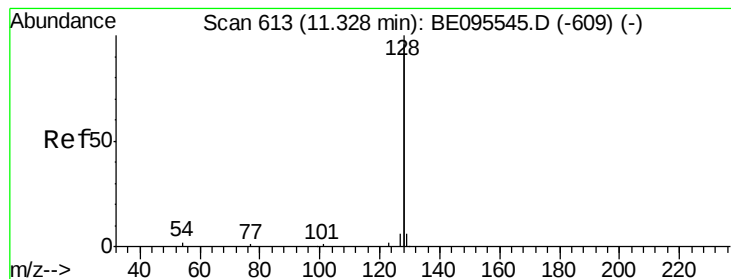


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.088 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

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BNA_E

ClientSampleId :

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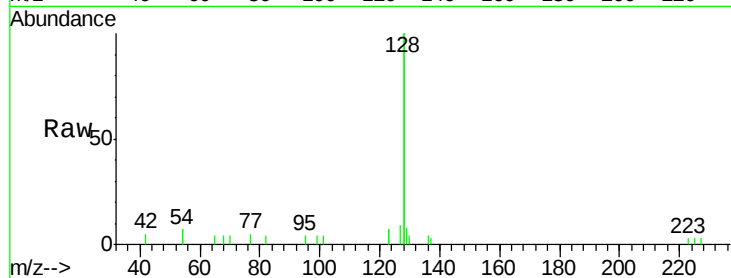
Tot Ion:128 Resp: 5551

Ion Ratio Lower Upper

128 100

129 4.2 2.6 3.8#

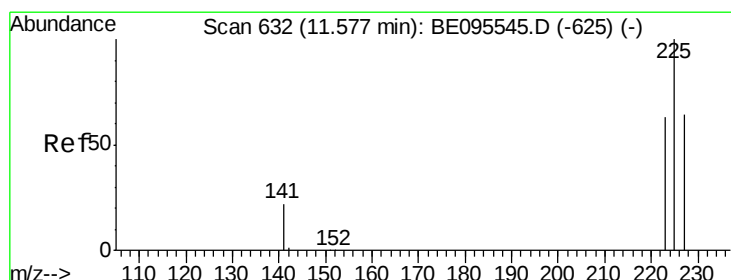
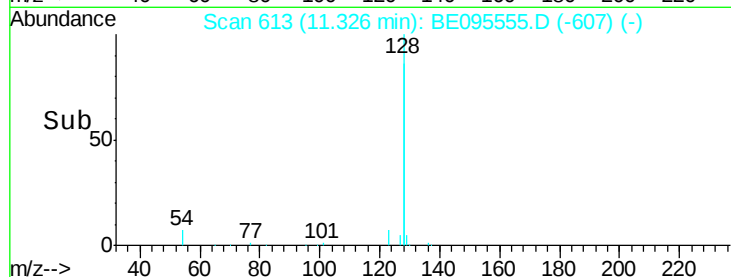
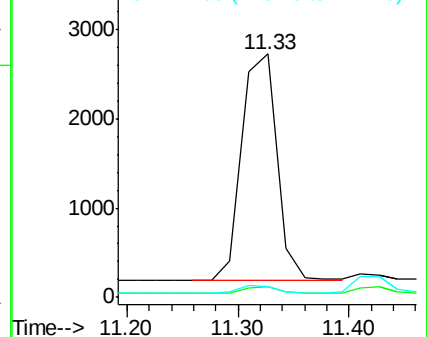
127 4.3 2.8 4.2#



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: 0.078 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

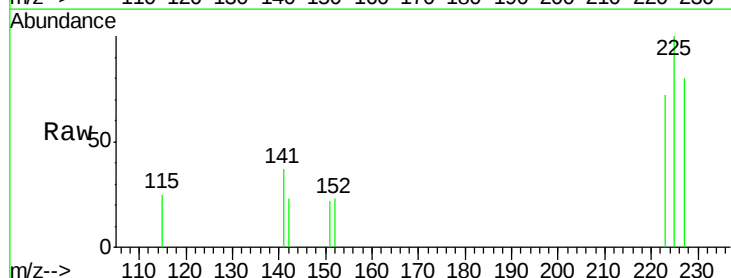
Tgt Ion:225 Resp: 265

Ion Ratio Lower Upper

225 100

223 68.7 53.0 79.6

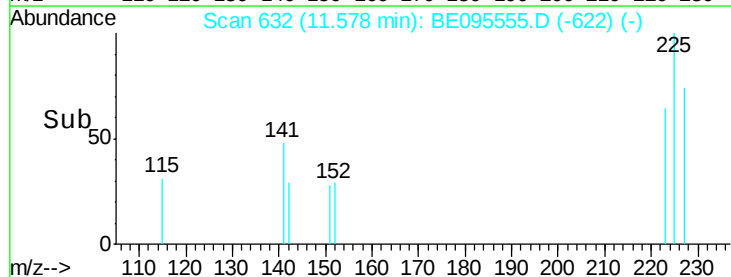
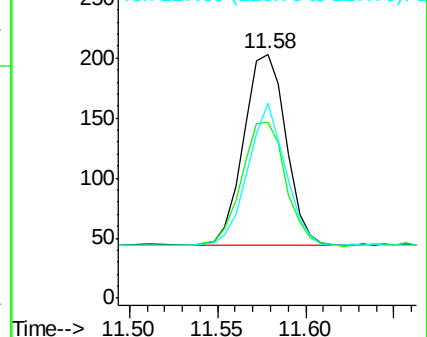
227 66.0 51.4 77.2

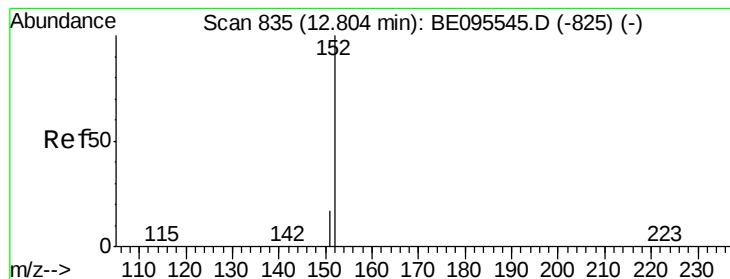


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.284 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

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ClientSampleId :

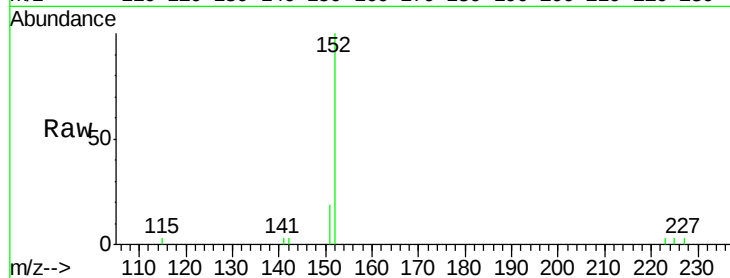
LOD-MDL-WATER-01-QT1-2018

Tot Ion:152 Resp: 2547

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.80

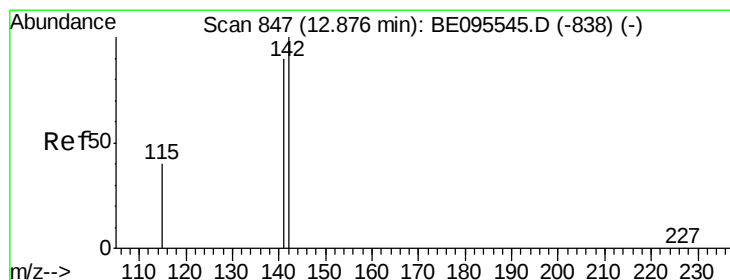
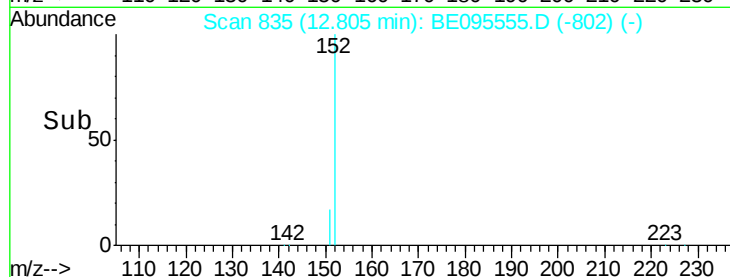
1500

1000

500

0

Time--> 12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.085 ng

RT: 12.88 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

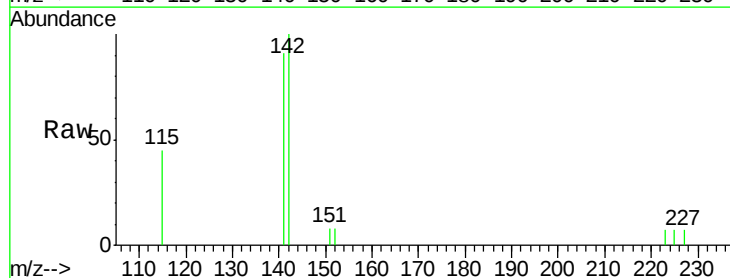
Tgt Ion:142 Resp: 911

Ion Ratio Lower Upper

142 100

141 90.9 70.4 105.6

115 45.2 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

800

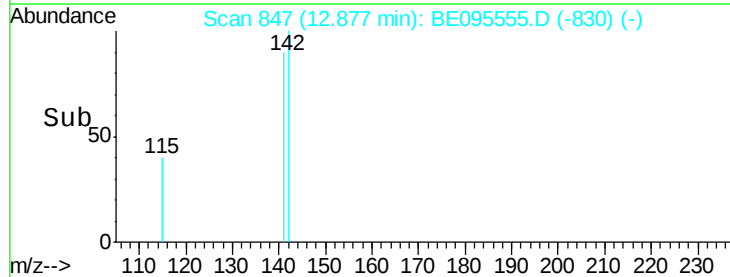
600

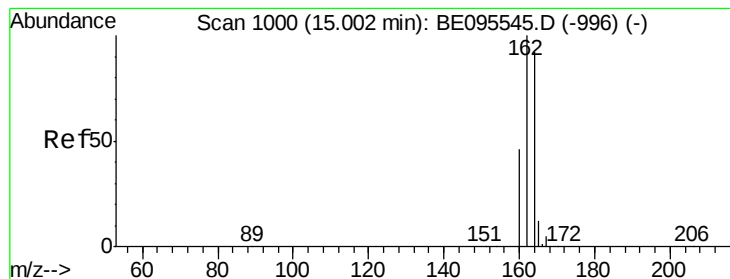
400

200

0

Time--> 12.80 12.85 12.90 12.95





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

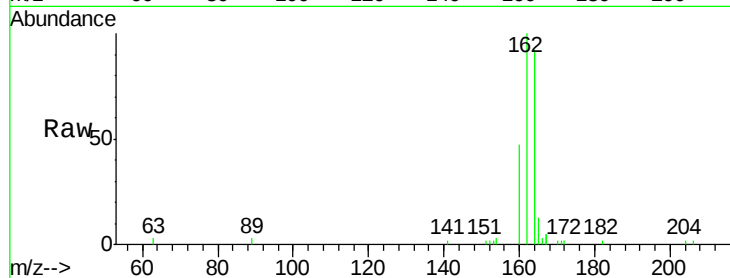
Tot Ion:164 Resp: 3101

Ion Ratio Lower Upper

164 100

162 109.0 83.1 124.7

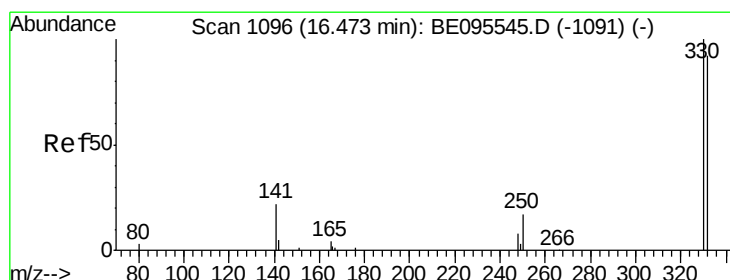
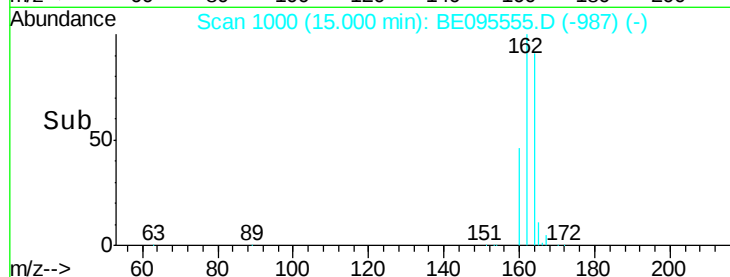
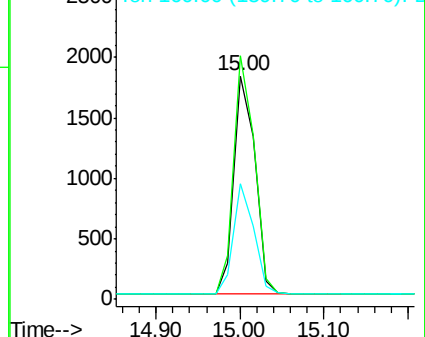
160 51.8 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.203 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

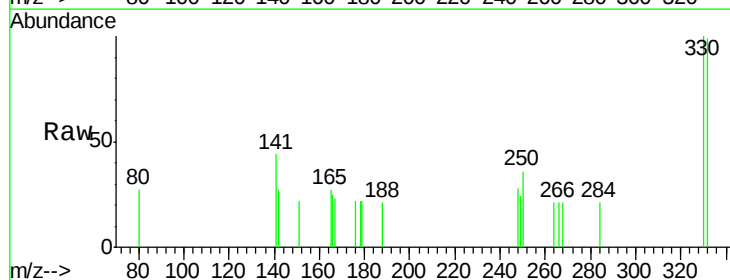
Tgt Ion:330 Resp: 287

Ion Ratio Lower Upper

330 100

332 100.3 152.7 229.1#

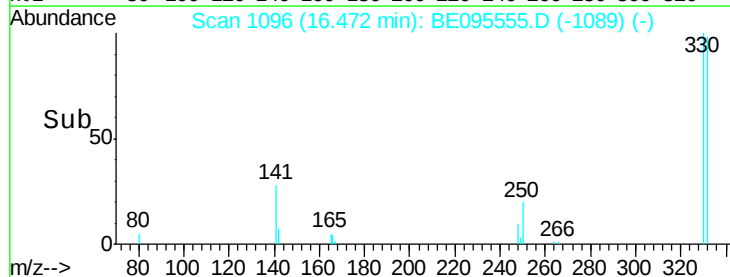
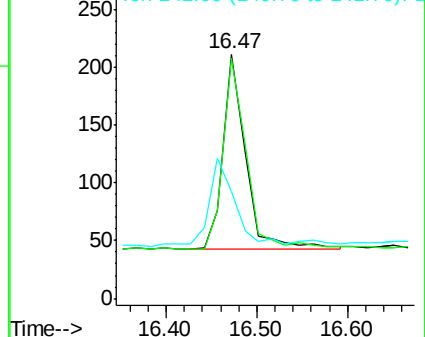
141 47.7 33.7 50.5

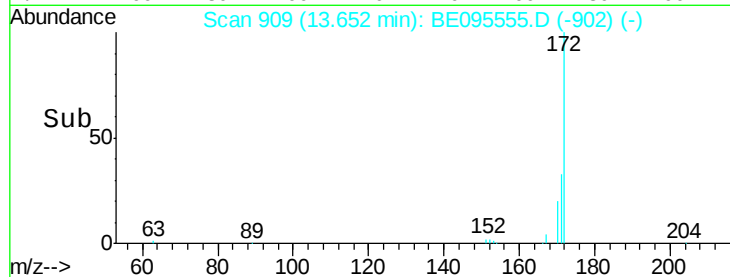
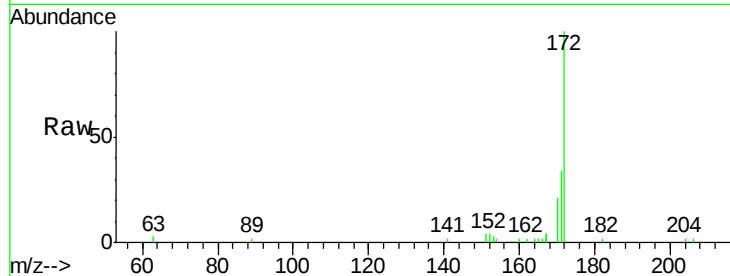
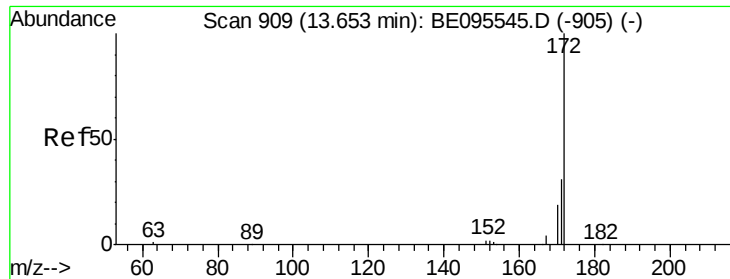


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

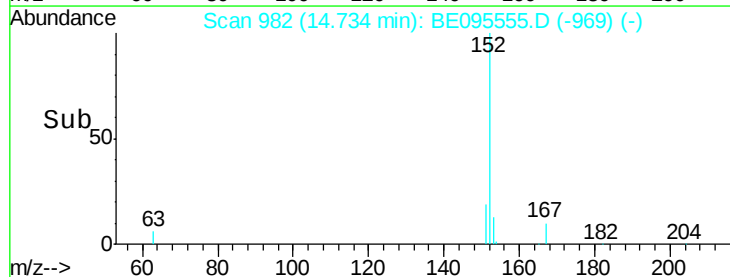
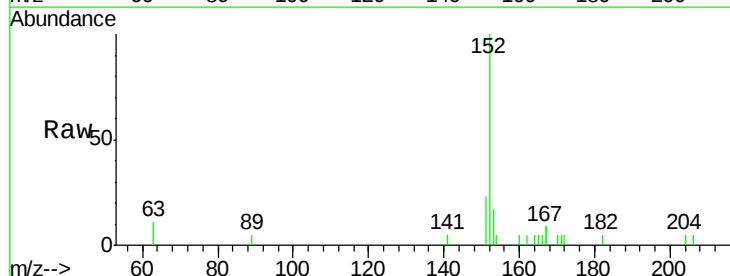
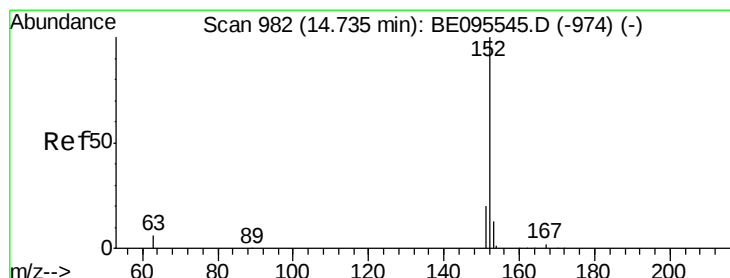
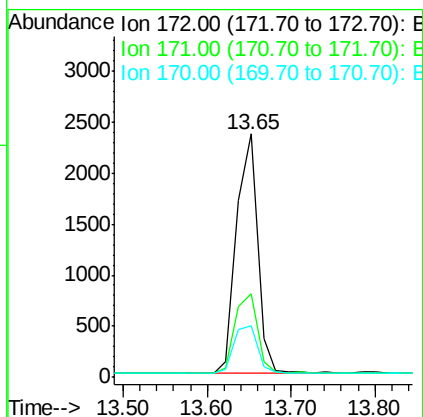




#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

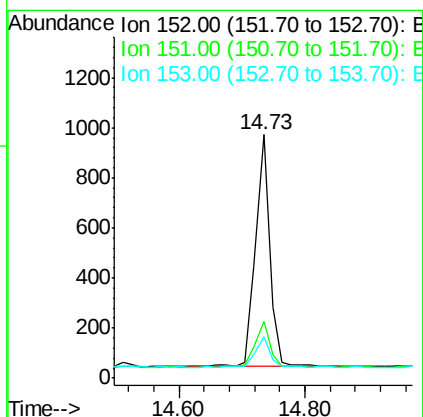
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

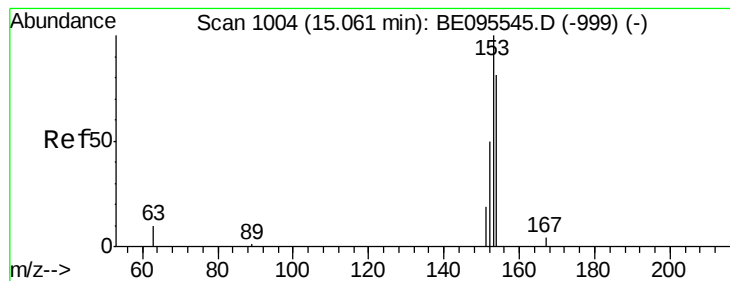
Tot Ion:172 Resp: 4017
Ion Ratio Lower Upper
172 100
171 34.3 29.9 44.9
170 21.3 21.8 32.8#



#16
Acenaphthylene
Concen: 0.082 ng
RT: 14.73 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:152 Resp: 1455
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.084 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

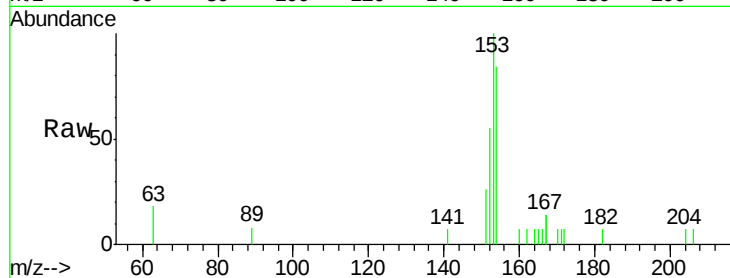
Tot Ion:154 Resp: 923

Ion Ratio Lower Upper

154 100

153 116.1 89.2 133.8

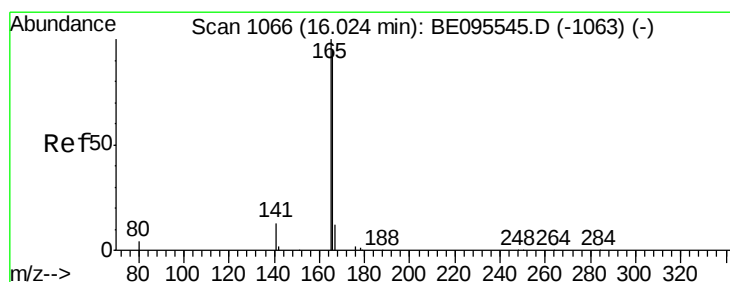
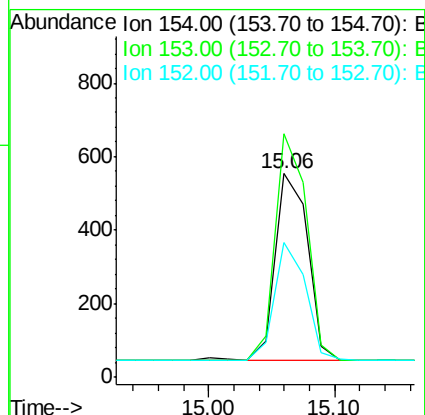
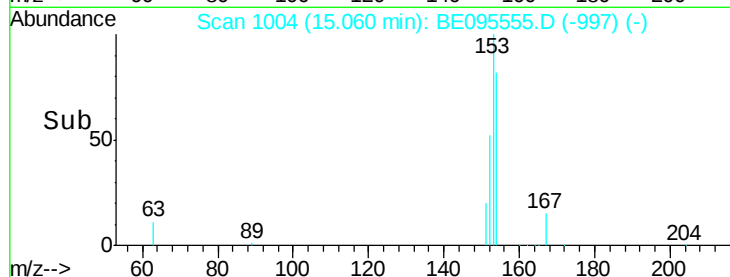
152 59.8 42.0 63.0



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: 0.085 ng

RT: 16.04 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

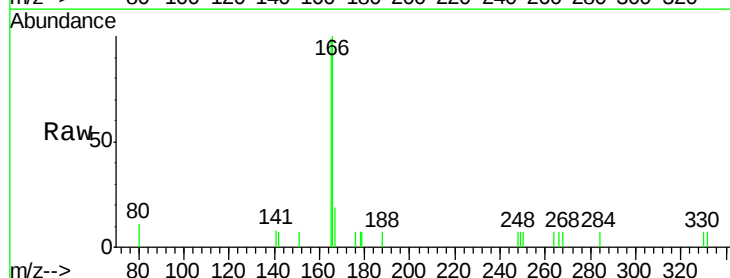
Tgt Ion:166 Resp: 1180

Ion Ratio Lower Upper

166 100

165 103.6 77.8 116.6

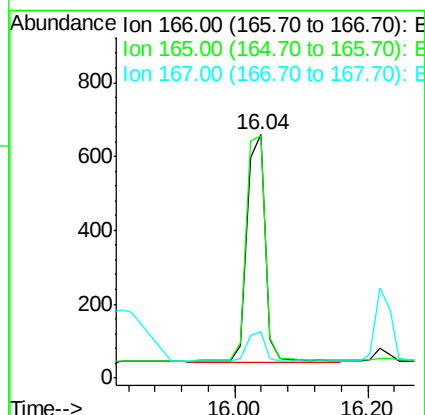
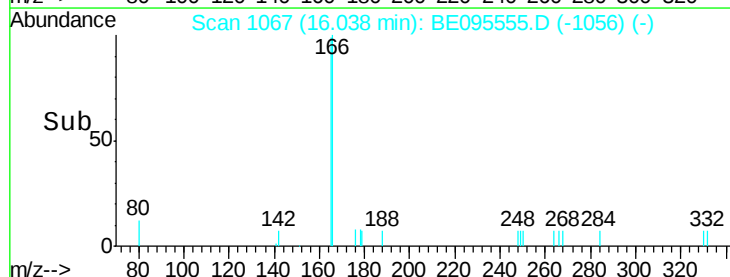
167 13.0 42.4 63.6#

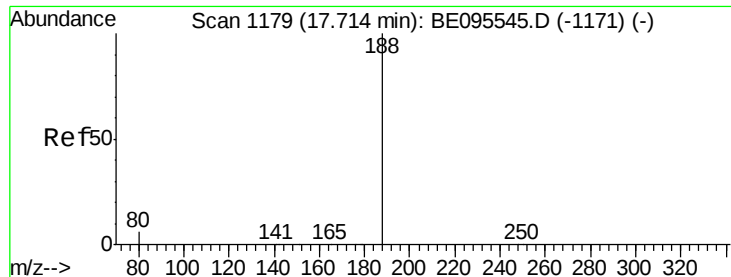


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

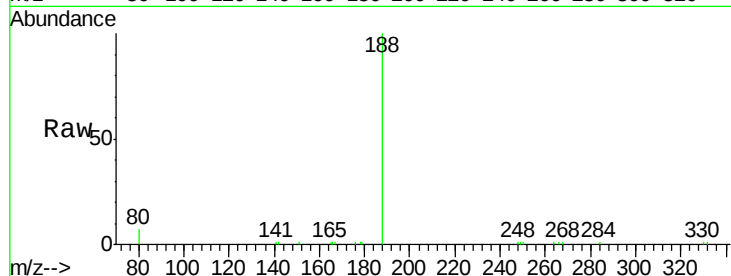
Tot Ion:188 Resp: 7484

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

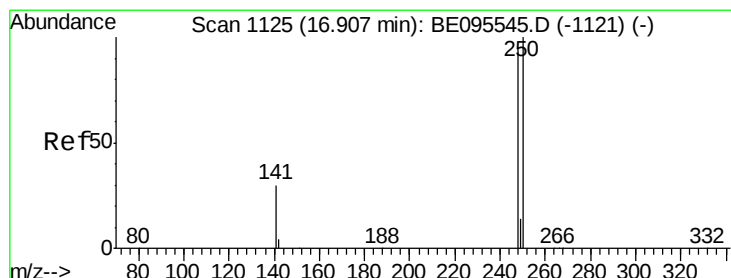
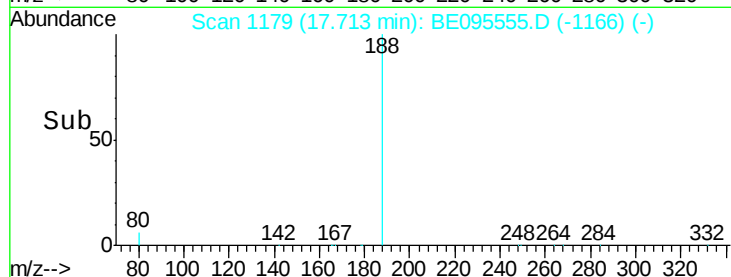
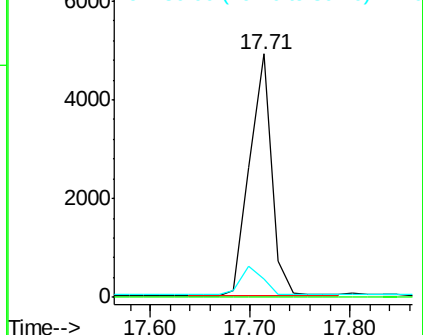
80 7.3 3.6 5.4#



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: 0.086 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

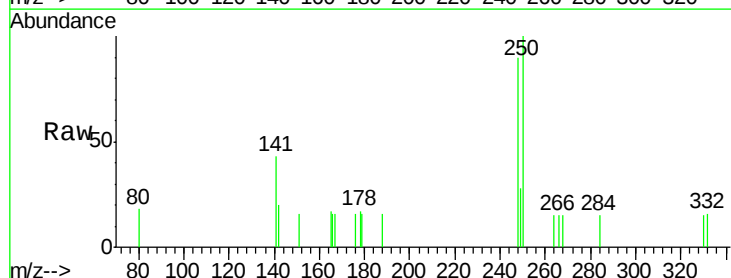
Tgt Ion:248 Resp: 388

Ion Ratio Lower Upper

248 100

250 110.7 62.7 94.1#

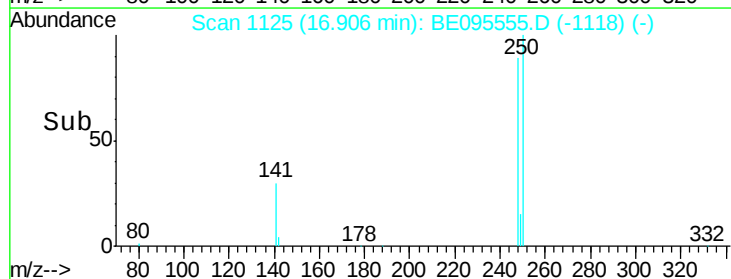
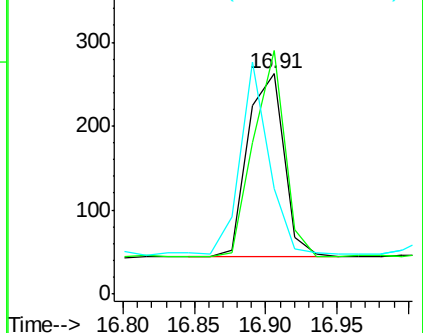
141 47.7 48.2 72.2#

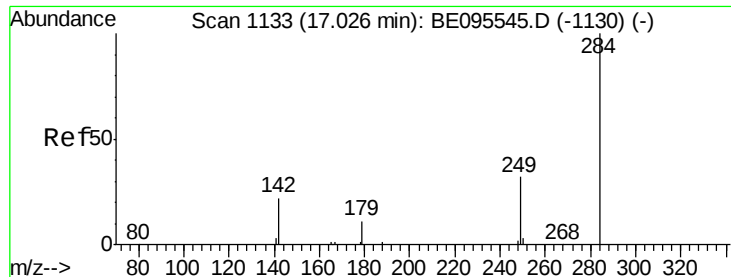


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.089 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

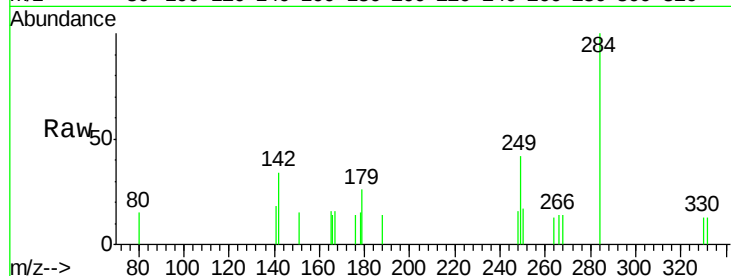
Tot Ion:284 Resp: 415

Ion Ratio Lower Upper

284 100

142 41.9 22.1 33.1#

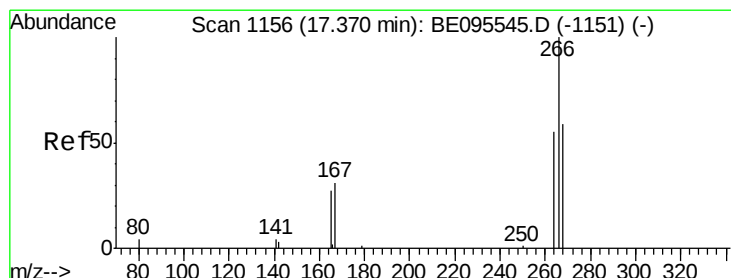
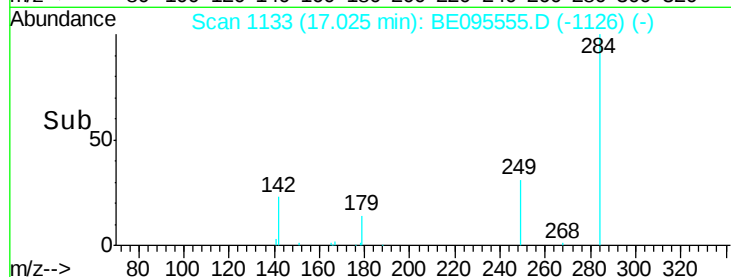
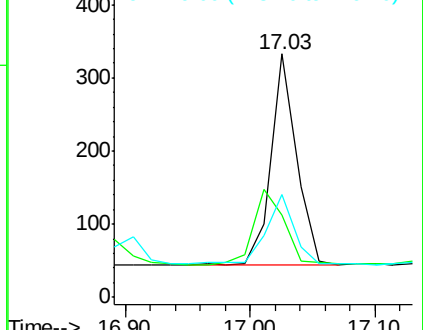
249 34.5 34.8 52.2#



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: 0.194 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

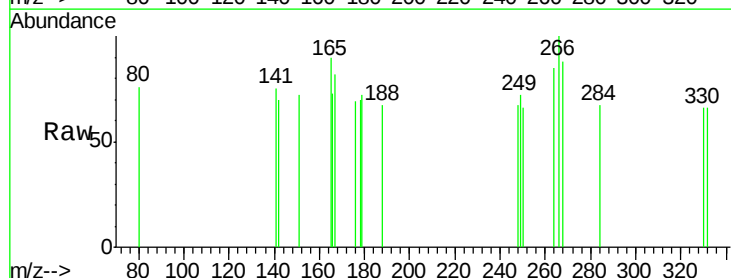
Tgt Ion:266 Resp: 62

Ion Ratio Lower Upper

266 100

264 85.1 72.5 108.7

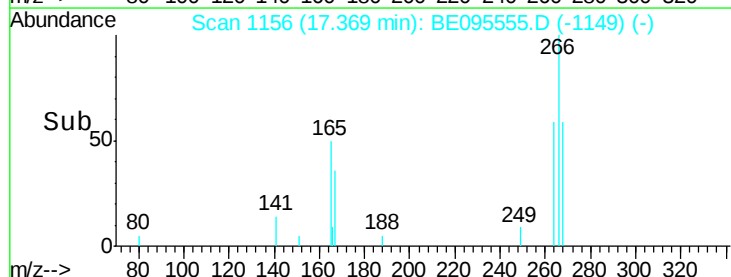
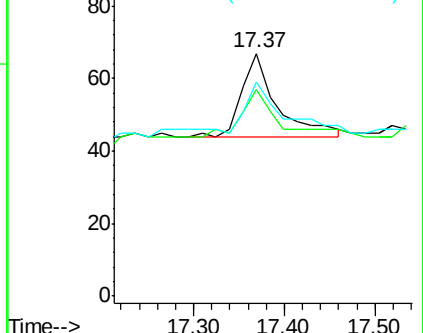
268 88.1 73.8 110.6

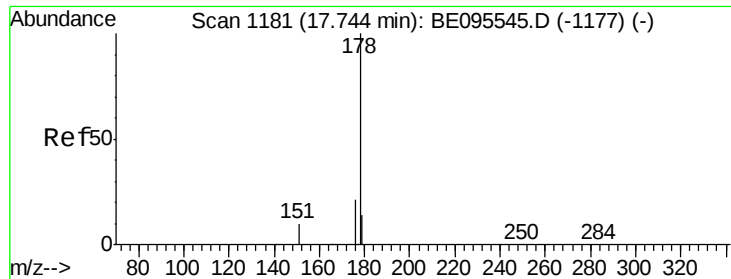


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

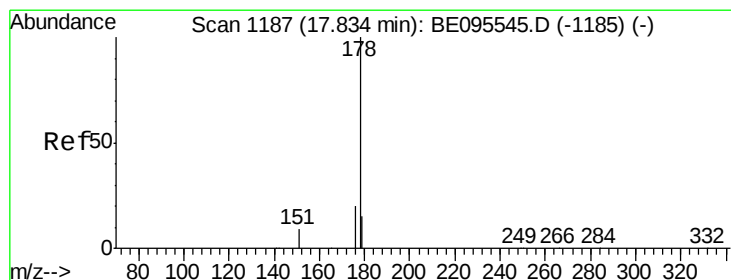
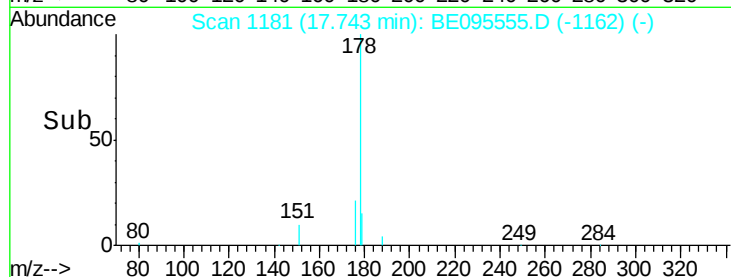
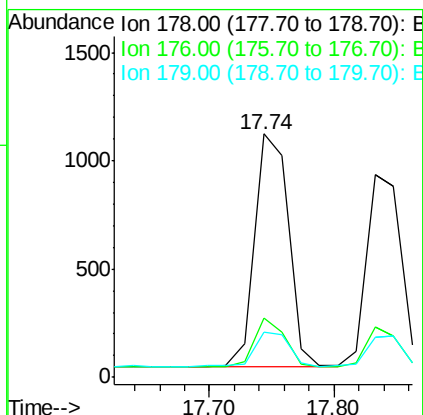
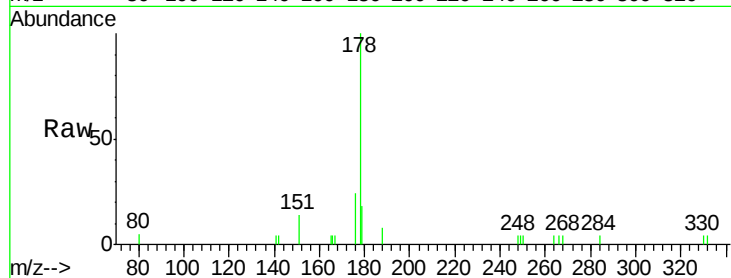




#23
Phenanthrene
Concen: 0.088 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

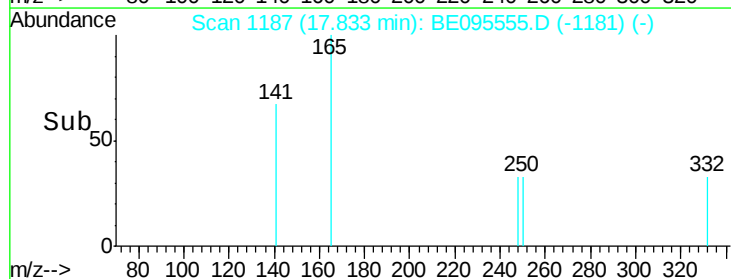
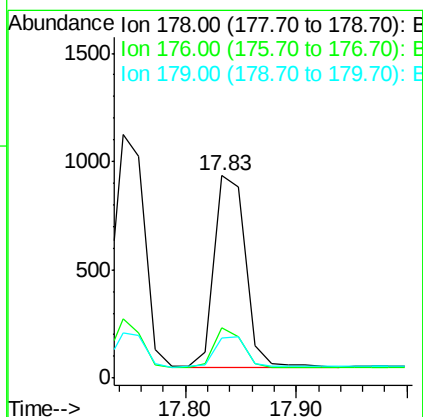
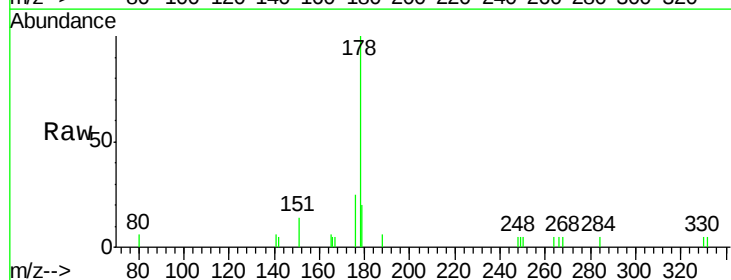
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

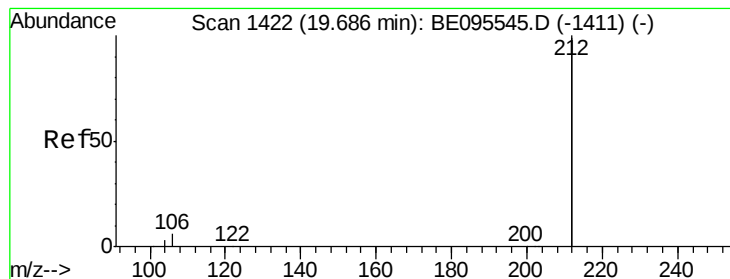
Tot Ion:178 Resp: 2033
Ion Ratio Lower Upper
178 100
176 21.0 15.1 22.7
179 14.7 11.8 17.6



#24
Anthracene
Concen: 0.080 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095555.D
Acq: 7 Feb 2018 16:29

Tgt Ion:178 Resp: 1728
Ion Ratio Lower Upper
178 100
176 19.6 12.8 19.2#
179 15.9 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.274 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

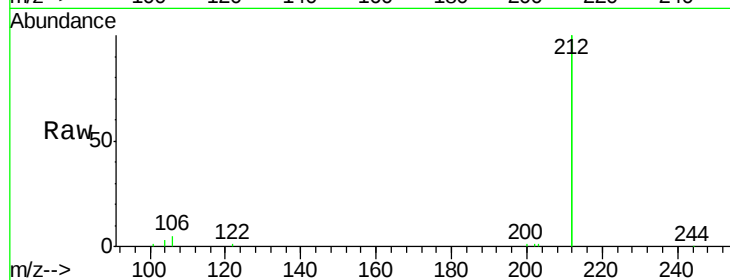
Tot Ion:212 Resp: 27054

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

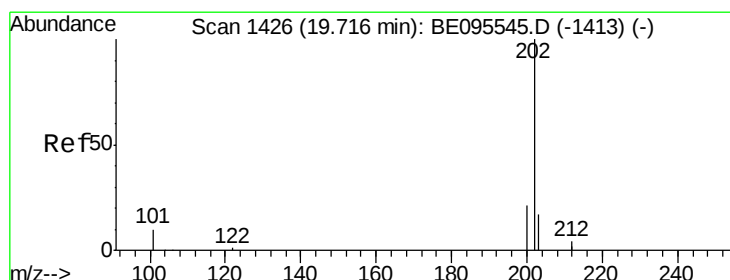
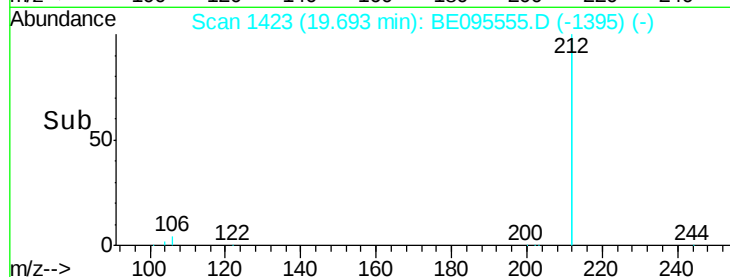
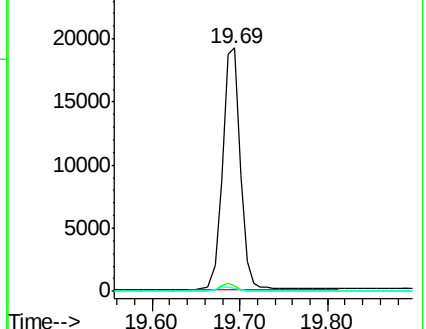
104 1.6 1.6 2.4



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: 0.085 ng

RT: 19.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

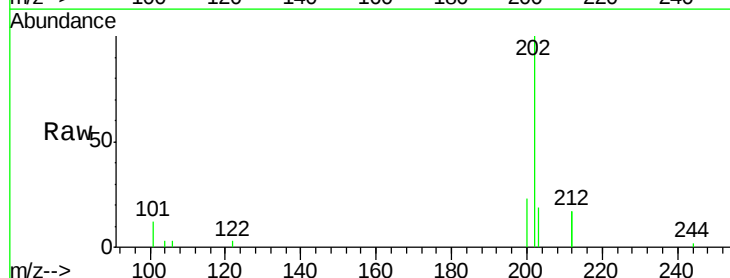
Tgt Ion:202 Resp: 2468

Ion Ratio Lower Upper

202 100

101 10.4 9.8 14.8

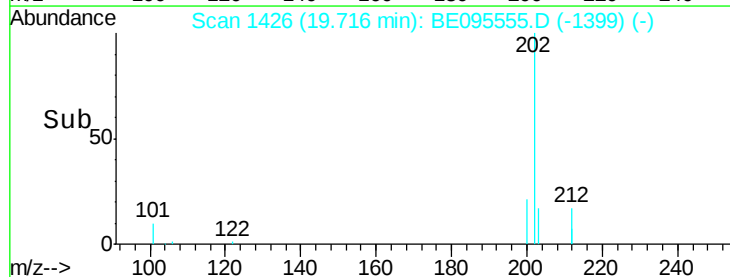
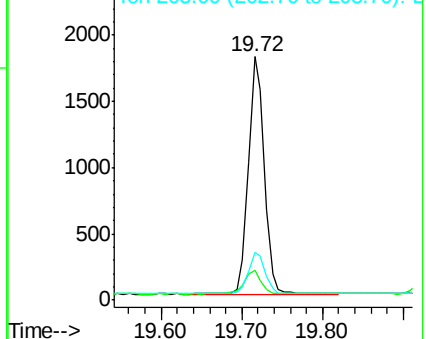
203 18.3 13.7 20.5

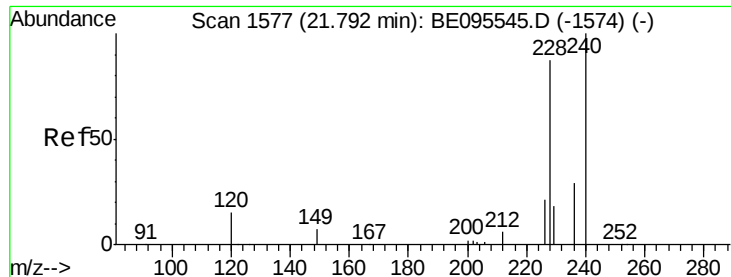


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

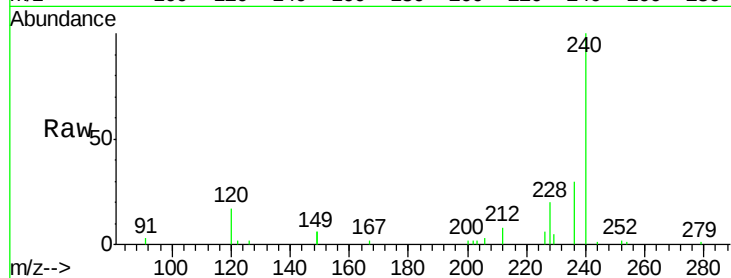
Tot Ion:240 Resp: 7336

Ion Ratio Lower Upper

240 100

120 16.6 5.5 8.3#

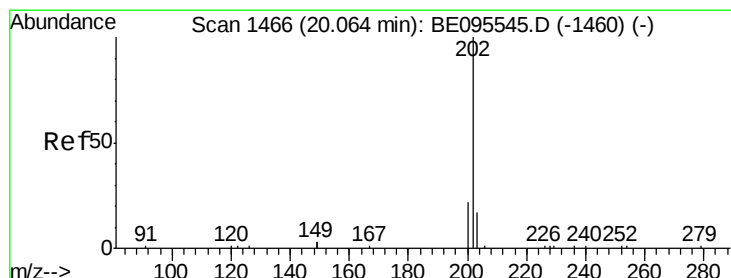
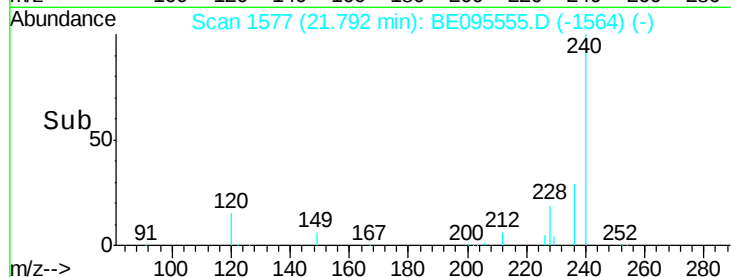
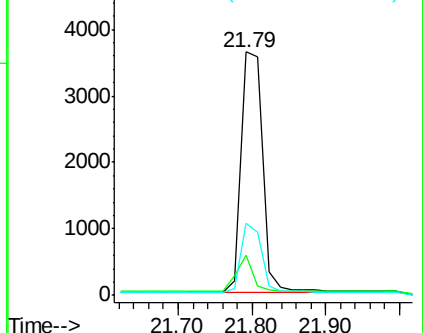
236 29.6 20.7 31.1



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: 0.095 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

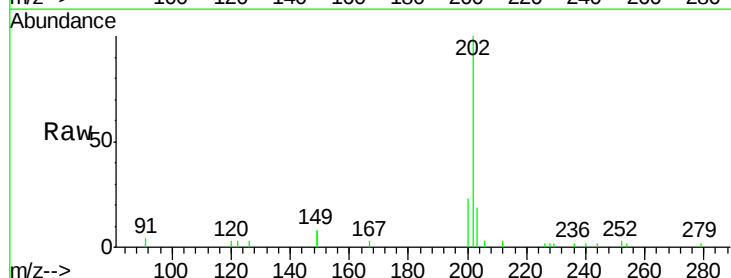
Tgt Ion:202 Resp: 2914

Ion Ratio Lower Upper

202 100

200 19.3 16.6 25.0

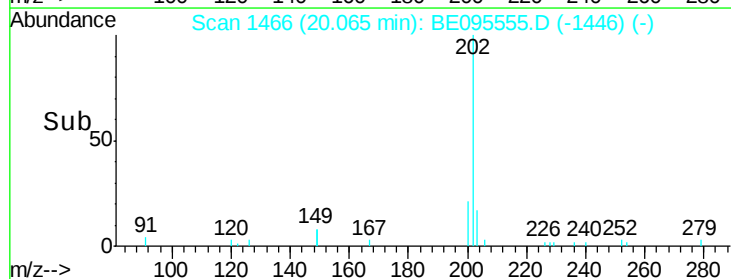
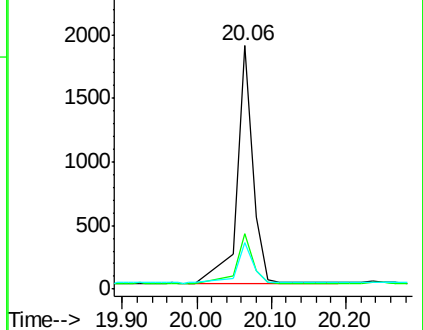
203 17.4 13.8 20.8

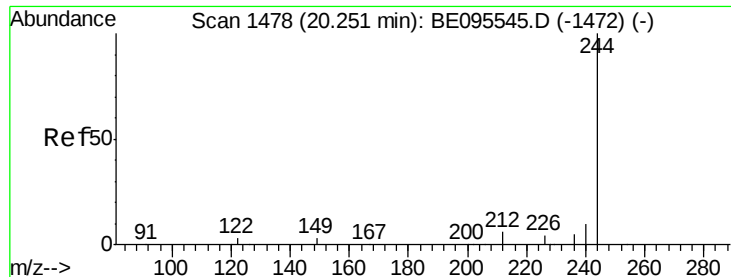


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.301 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

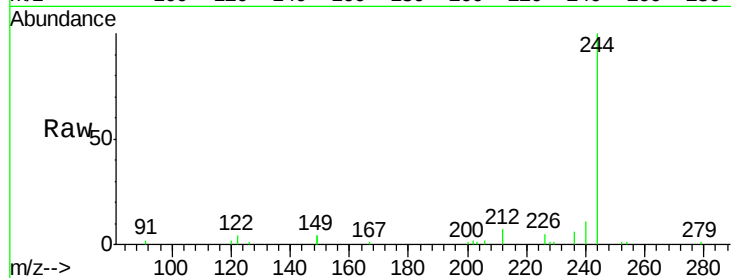
Tot Ion:244 Resp: 4699

Ion Ratio Lower Upper

244 100

212 7.4 25.4 38.0#

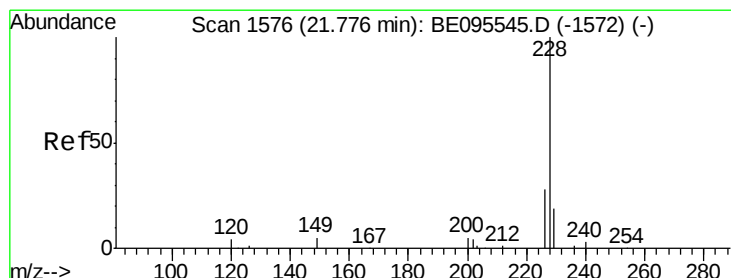
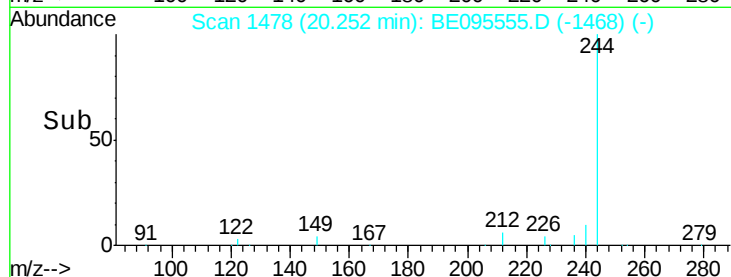
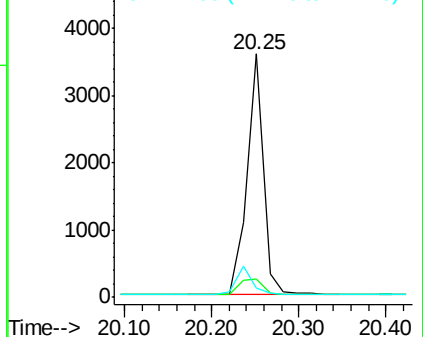
122 4.0 8.1 12.1#



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: 0.084 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

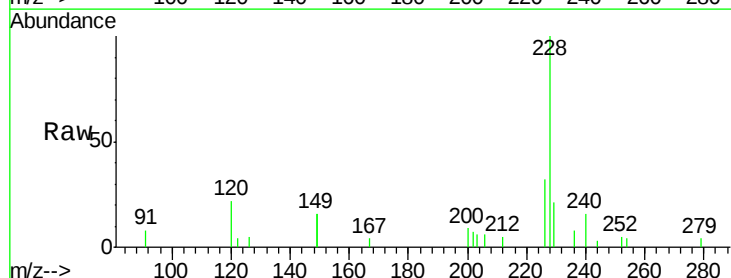
Tgt Ion:228 Resp: 2054

Ion Ratio Lower Upper

228 100

226 32.0 24.0 36.0

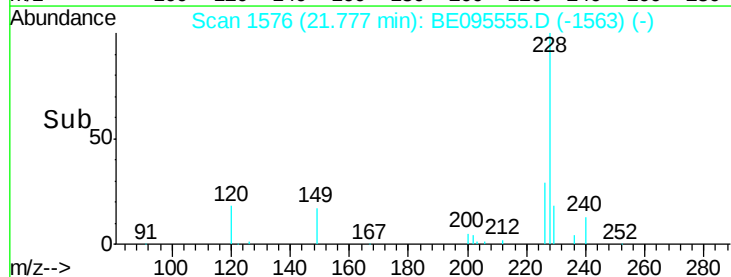
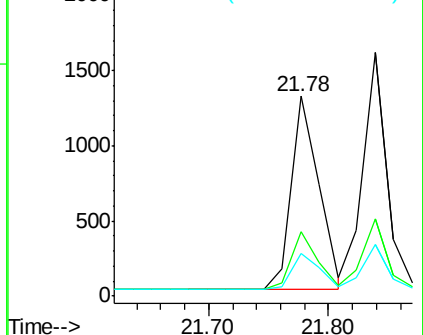
229 21.4 16.0 24.0

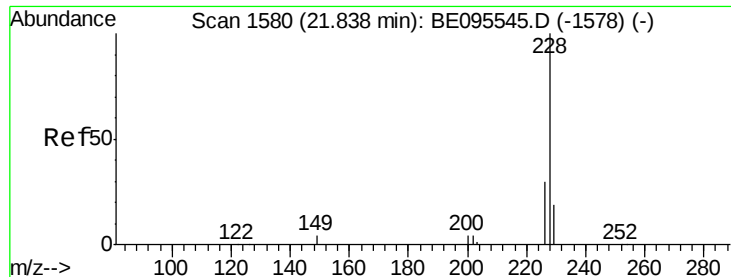


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.090 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

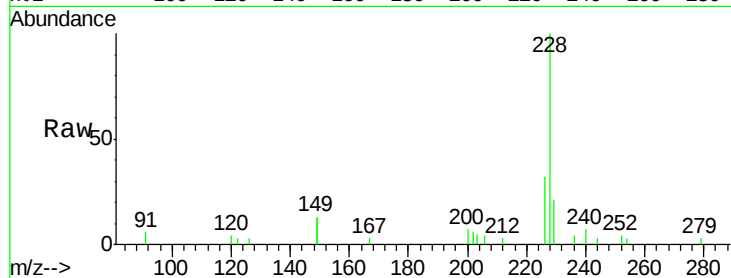
Tot Ion:228 Resp: 2160

Ion Ratio Lower Upper

228 100

226 31.7 24.0 36.0

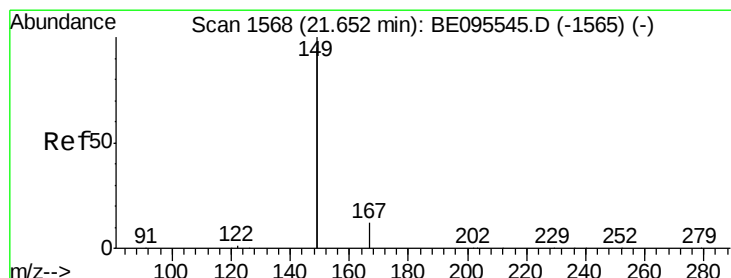
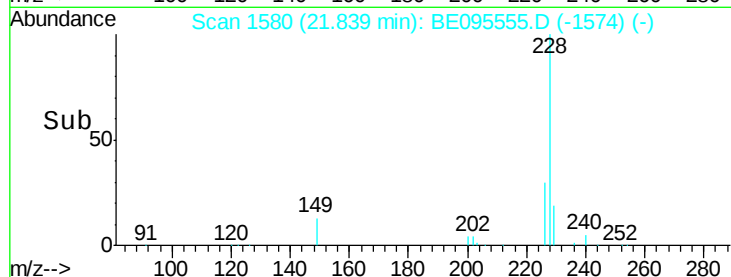
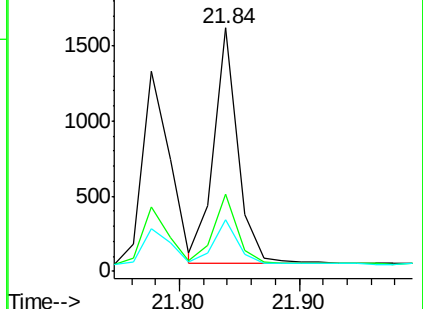
229 21.3 16.0 24.0



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: 0.073 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

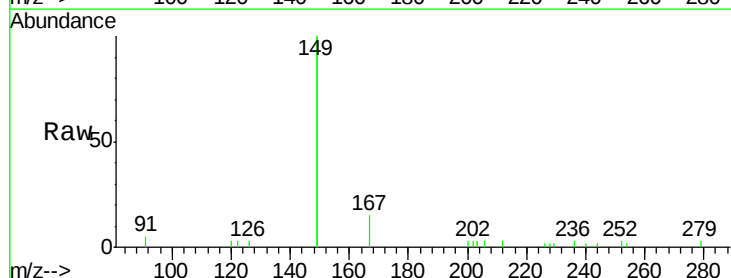
Tgt Ion:149 Resp: 4110

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

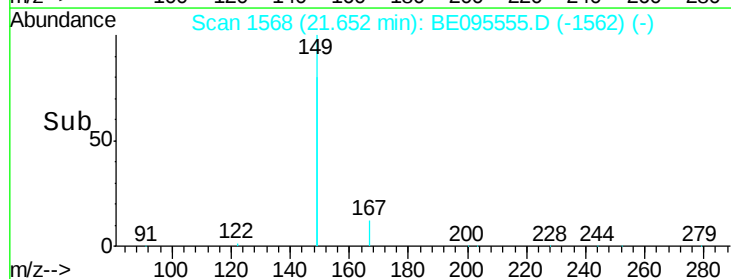
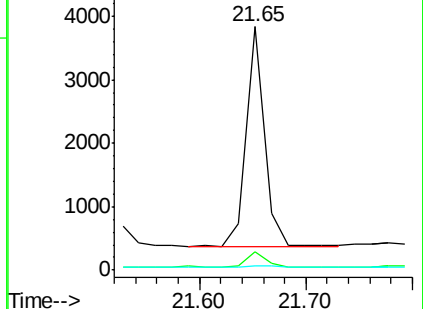
279 0.9 0.7 1.1

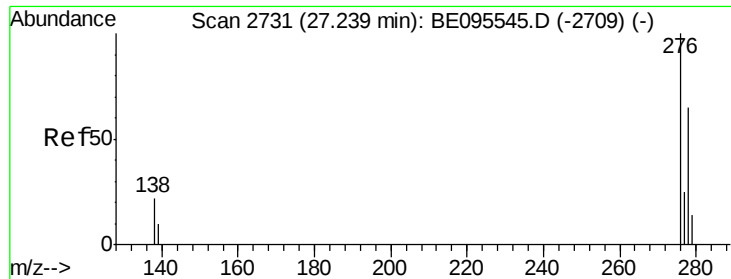


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

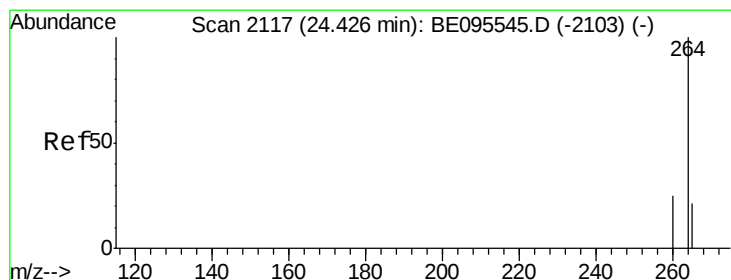
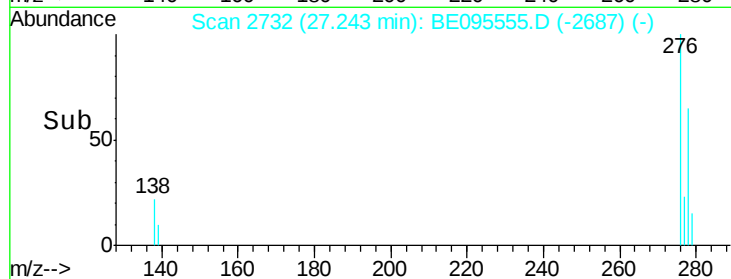
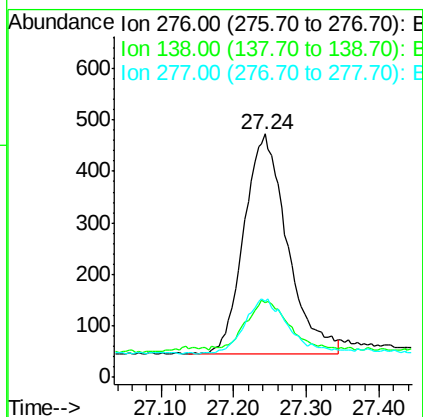
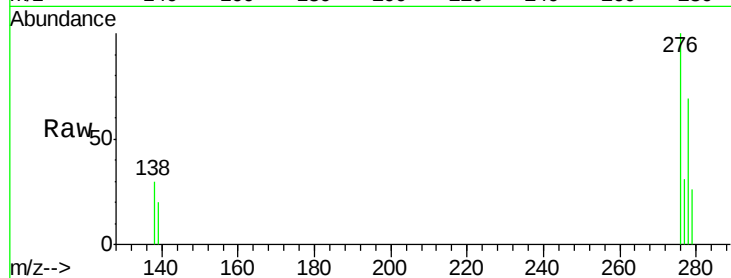




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.076 ng
 RT: 27.24 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BE095555.D
 Acq: 7 Feb 2018 16:29

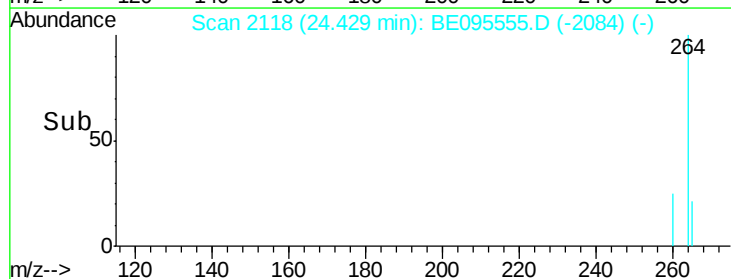
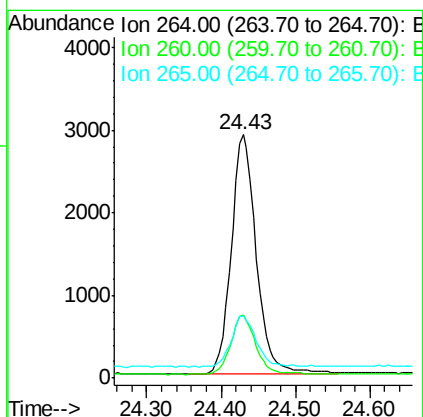
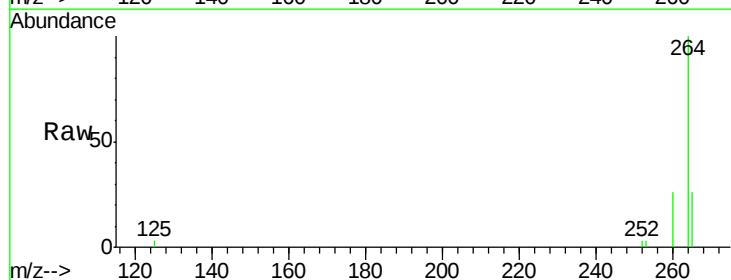
Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2018

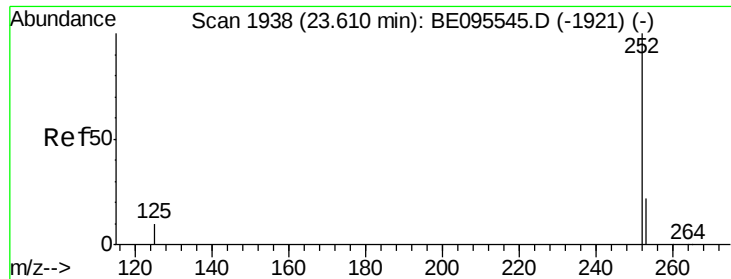
Tot Ion:276 Resp: 1758
 Ion Ratio Lower Upper
 276 100
 138 22.5 22.5 33.7
 277 25.4 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: BE095555.D
 Acq: 7 Feb 2018 16:29

Tgt Ion:264 Resp: 6776
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.5 30.7
 265 25.6 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.087 ng

RT: 23.61 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

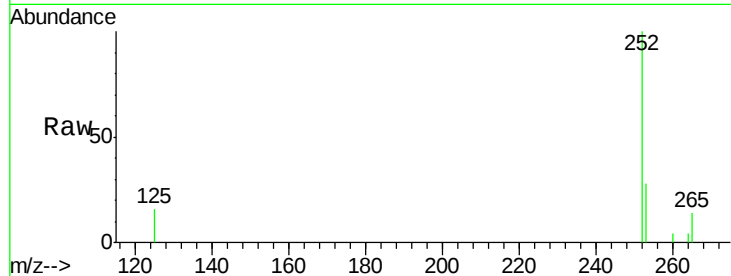
Tot Ion:252 Resp: 2000

Ion Ratio Lower Upper

252 100

253 28.2 20.0 30.0

125 16.2 16.0 24.0

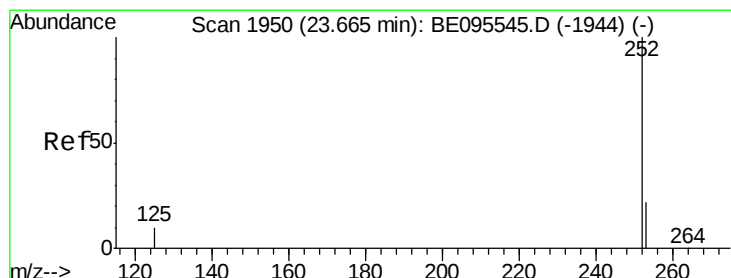
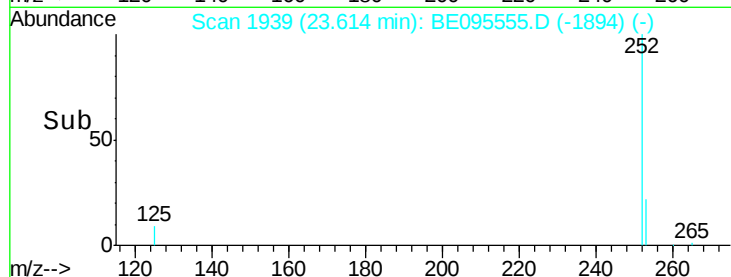
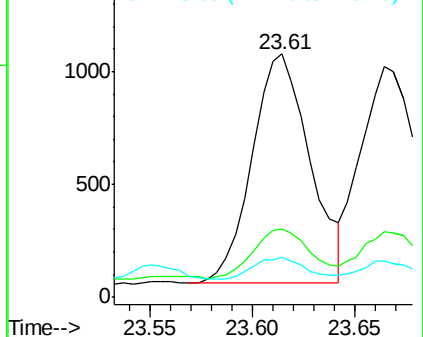


Abundance

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: 0.081 ng

RT: 23.66 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

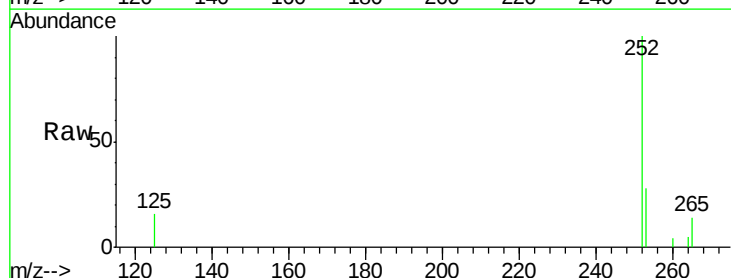
Tgt Ion:252 Resp: 1922

Ion Ratio Lower Upper

252 100

253 28.3 16.0 24.0#

125 15.9 8.0 12.0#

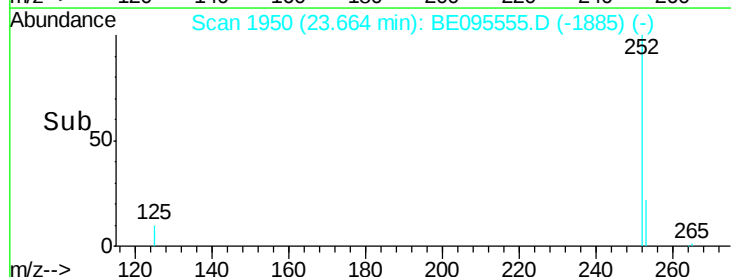
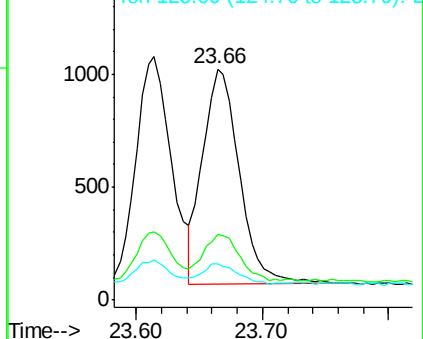


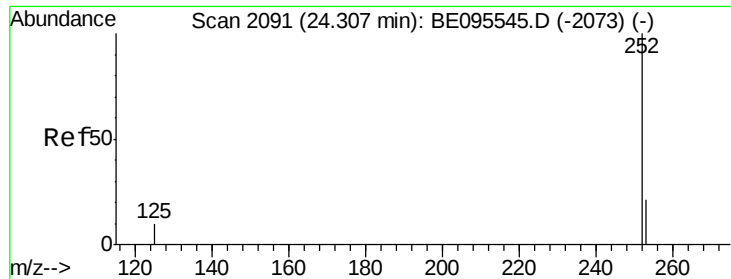
Abundance

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: 0.080 ng

RT: 24.31 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

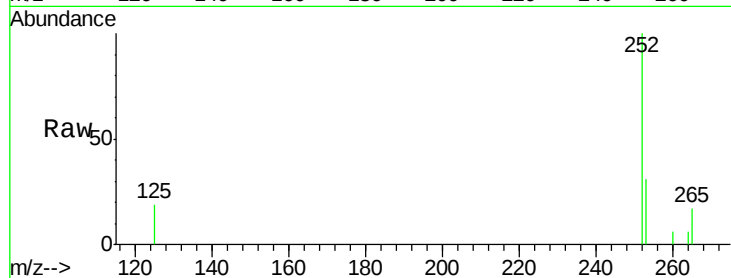
Tot Ion:252 Resp: 1725

Ion Ratio Lower Upper

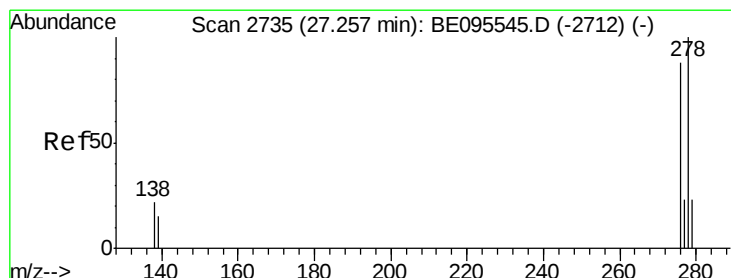
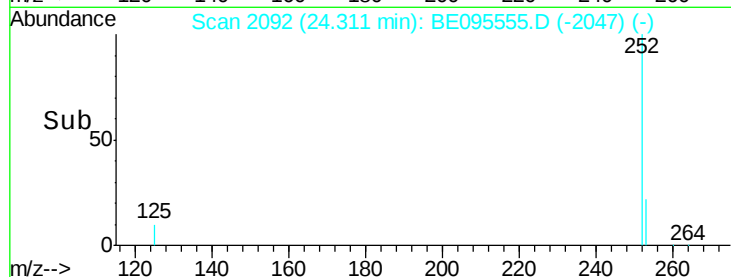
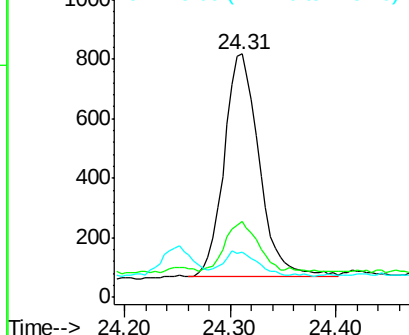
252 100

253 31.1 16.0 24.0#

125 18.6 12.0 18.0#



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: 0.074 ng

RT: 27.26 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BE095555.D

Acq: 7 Feb 2018 16:29

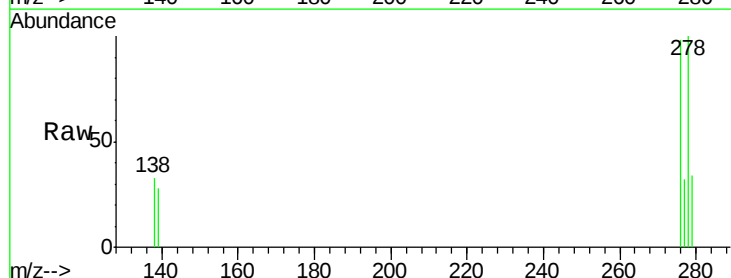
Tgt Ion:278 Resp: 1397

Ion Ratio Lower Upper

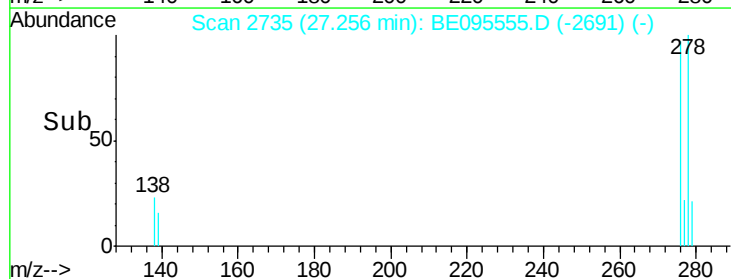
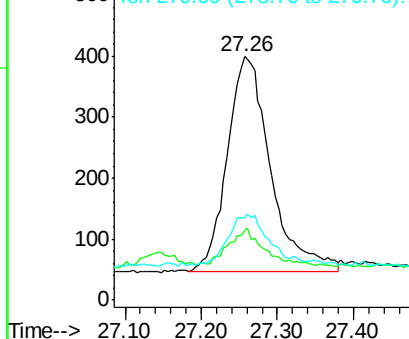
278 100

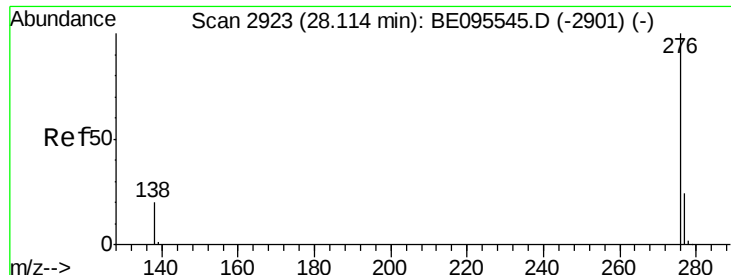
139 28.3 16.0 24.0#

279 33.8 20.0 30.0#



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(a,h,i)perylene

Concen: 0.082 ng

RT: 28.11 min Scan# 2923

Delta R.T. 0.00 min

Lab File: BE095555.D

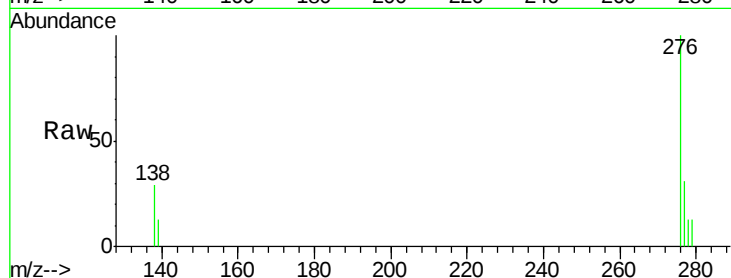
Acq: 7 Feb 2018 16:29

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018



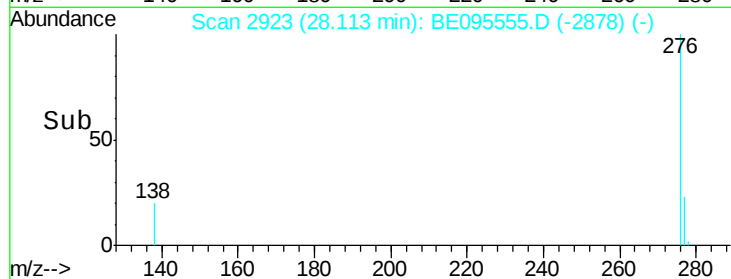
Tot Ion: 276 Resp: 1664

Ion Ratio Lower Upper

276 100

277 31.4 16.0 24.0#

138 29.4 20.0 30.0



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

