

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102418\
 Data File : BE098044.D
 Acq On : 24 Oct 2018 18:36
 Operator : SJ/JU
 Sample : J5164-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 25 04:03:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 13:49:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1079	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	5336	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3798	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	9500	0.40	ng	0.00
27) Chrysene-d12	21.47	240	11194	0.40	ng	0.00
34) Perylene-d12	24.02	264	10994	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1113	0.34	ng	0.00
5) Phenol-d6	7.06	99	1759	0.32	ng	0.00
8) Nitrobenzene-d5	9.03	82	1992	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	3019	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	566	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5190	0.34	ng	0.00
25) Fluoranthene-d10	19.32	212	36812	0.30	ng	0.00
29) Terphenyl-d14	19.92	244	8111	0.31	ng	0.00

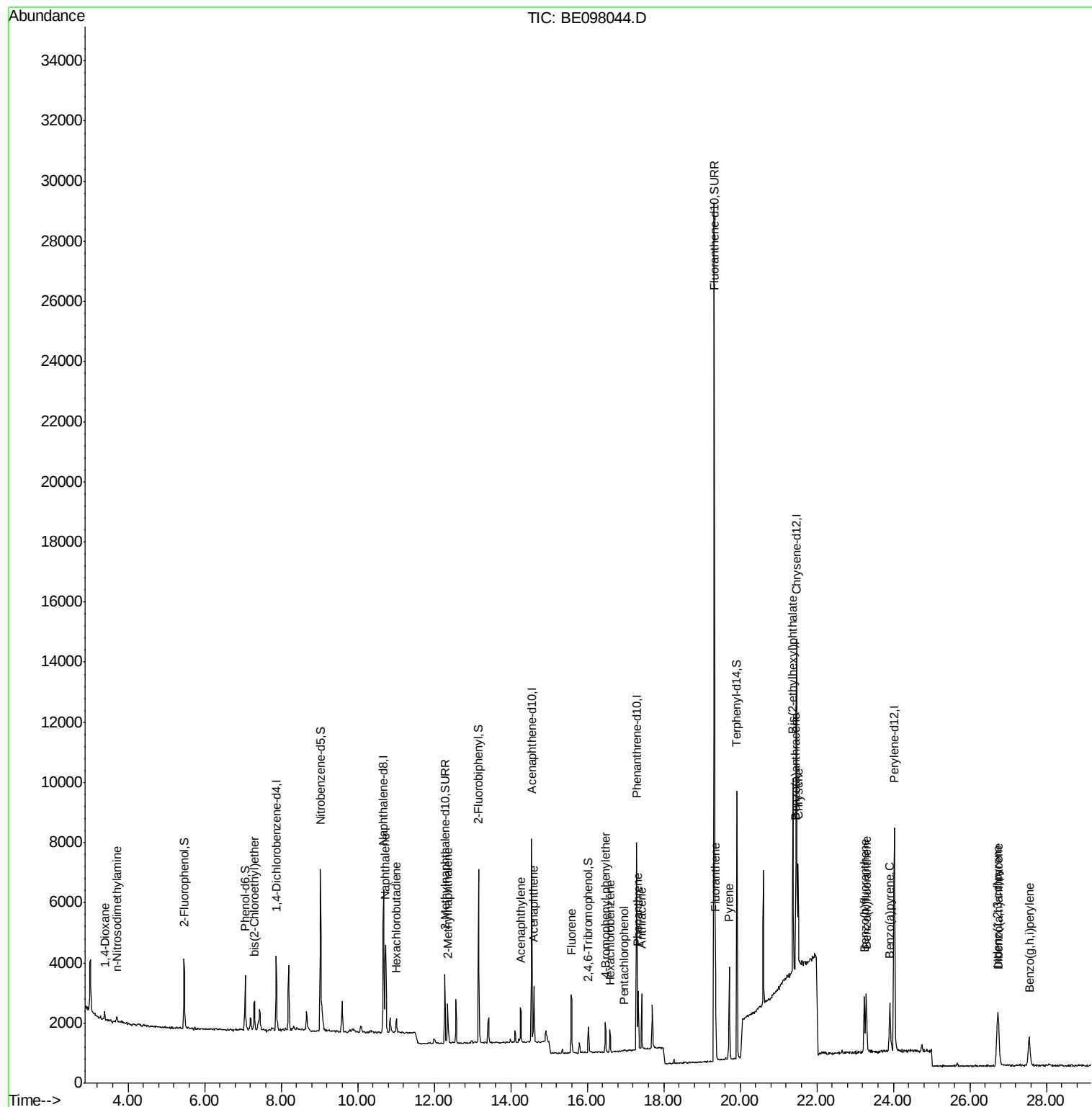
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	197	0.119	ng	# 77
3) n-Nitrosodimethylamine	3.71	42	216	0.097	ng	# 50
6) bis(2-Chloroethyl)ether	7.30	93	357	0.094	ng	# 89
9) Naphthalene	10.73	128	4906	0.093	ng	# 95
10) Hexachlorobutadiene	11.02	225	337	0.094	ng	# 96
12) 2-Methylnaphthalene	12.35	142	906	0.094	ng	# 90
16) Acenaphthylene	14.26	152	1599	0.093	ng	# 99
17) Acenaphthene	14.60	154	991	0.095	ng	# 99
18) Fluorene	15.59	166	1292	0.092	ng	# 96
20) 4-Bromophenyl-phenylether	16.48	248	496	0.086	ng	# 77
21) Hexachlorobenzene	16.59	284	585	0.098	ng	# 94
22) Pentachlorophenol	16.96	266	45	0.090	ng	# 61
23) Phenanthrene	17.33	178	2108	0.090	ng	# 96
24) Anthracene	17.42	178	1990	0.087	ng	# 98
26) Fluoranthene	19.35	202	2613	0.090	ng	# 98
28) Pyrene	19.71	202	2787	0.090	ng	# 99
30) Benzo(a)anthracene	21.45	228	2991	0.090	ng	# 94
31) Chrysene	21.51	228	2800	0.087	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.38	149	7260	0.092	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.72	276	3158	0.090	ng	# 79
35) Benzo(b)fluoranthene	23.24	252	2839	0.093	ng	# 88
36) Benzo(k)fluoranthene	23.29	252	2888	0.091	ng	# 92
37) Benzo(a)pyrene	23.91	252	2658	0.089	ng	# 88
38) Dibenzo(a,h)anthracene	26.75	278	2607	0.089	ng	# 87
39) Benzo(g,h,i)perylene	27.55	276	1394	0.048	ng	# 90

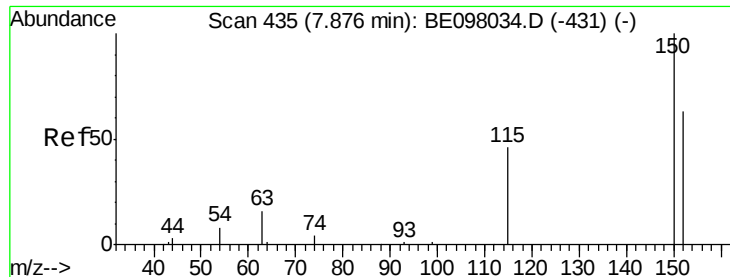
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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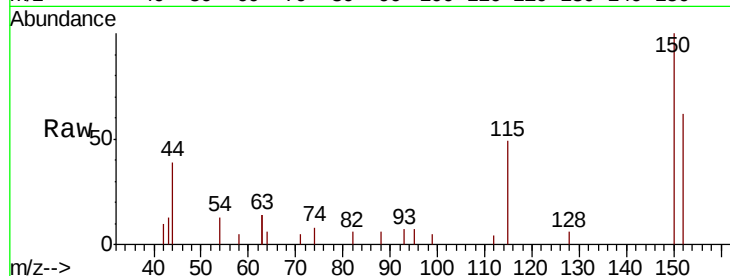


#1

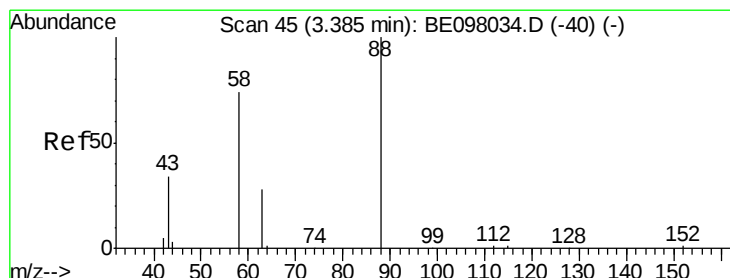
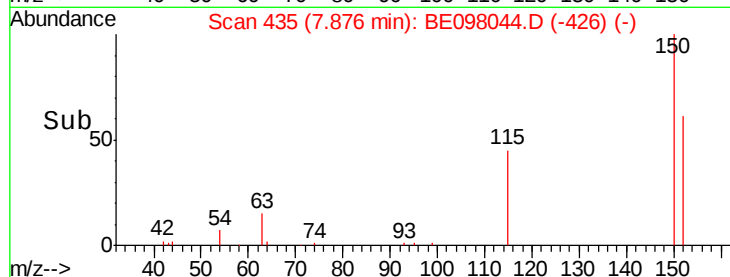
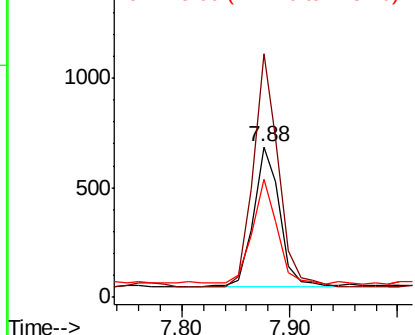
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:152 Resp: 1079
Ion Ratio Lower Upper
152 100
150 162.0 118.2 177.4
115 78.9 50.9 76.3#



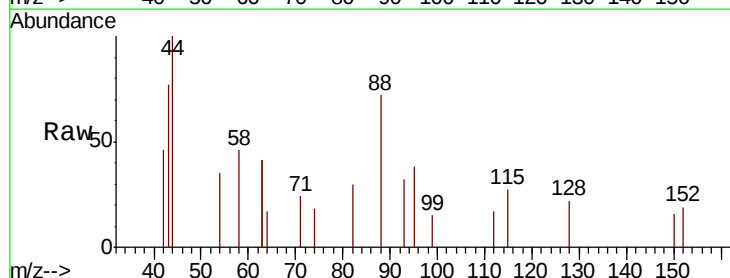
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



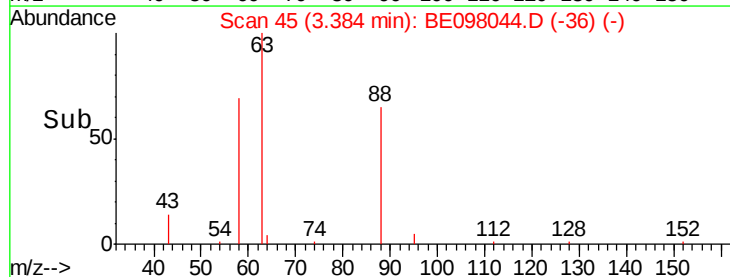
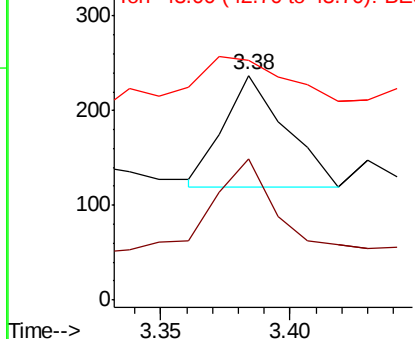
#2

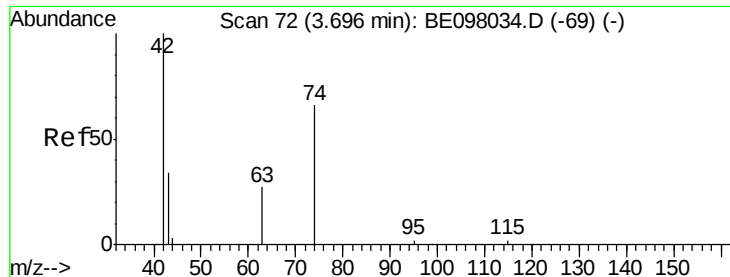
1,4-Dioxane
Concen: 0.119 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Tgt Ion: 88 Resp: 197
Ion Ratio Lower Upper
88 100
58 78.7 73.2 109.8
43 74.1 36.9 55.3#



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: 0.097 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

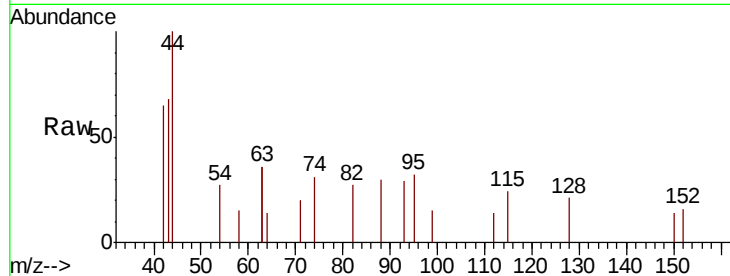
Tgt Ion: 42 Resp: 216

Ion Ratio Lower Upper

42 100

74 62.0 77.6 116.4#

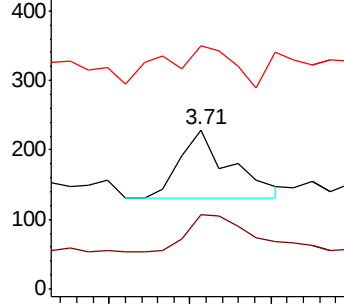
44 82.4 7.6 11.4#



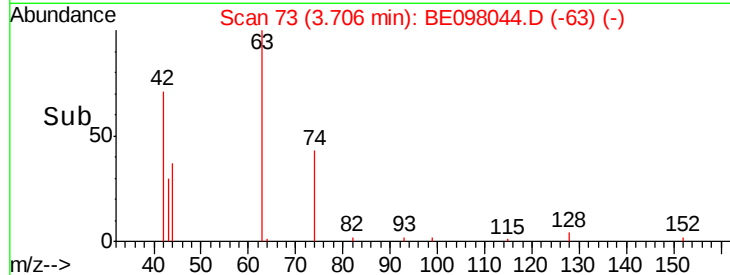
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.341 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

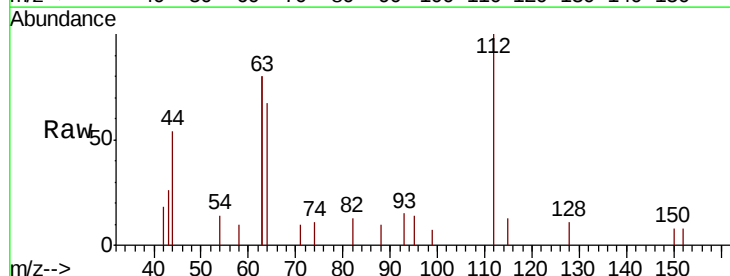
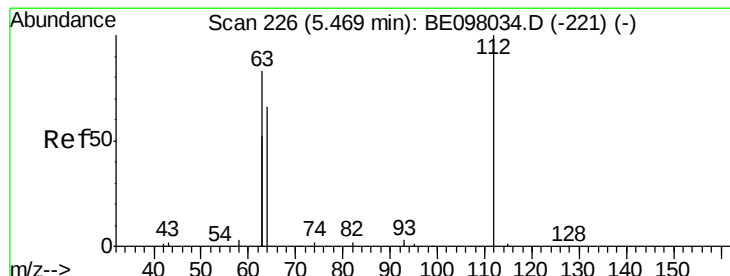
Tgt Ion: 112 Resp: 1113

Ion Ratio Lower Upper

112 100

64 79.0 58.9 88.3

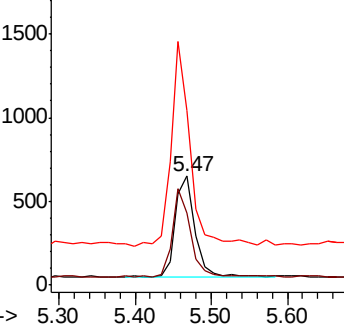
63 191.1 120.3 180.5#



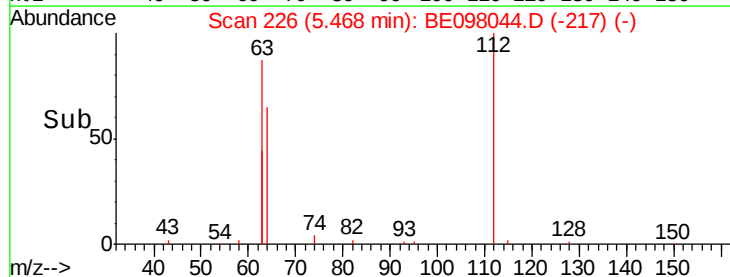
Abundance Ion 112.00 (111.70 to 112.70): E

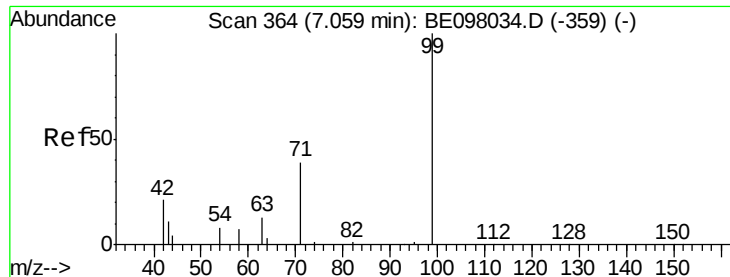
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.323 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

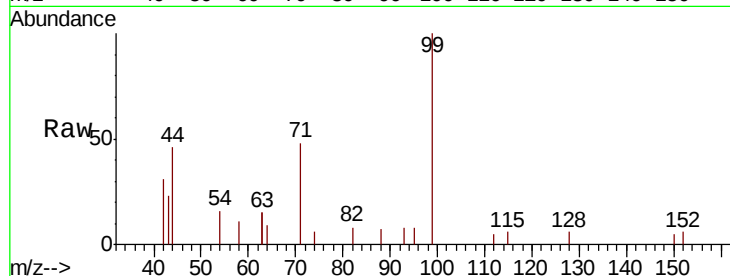
Tgt Ion: 99 Resp: 1759

Ion Ratio Lower Upper

99 100

42 34.1 19.9 29.9#

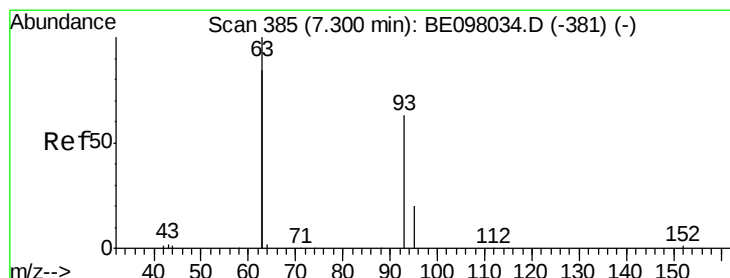
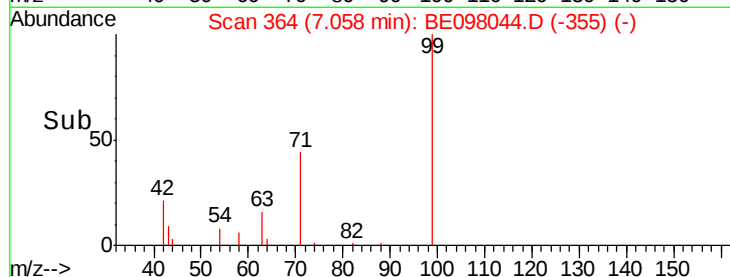
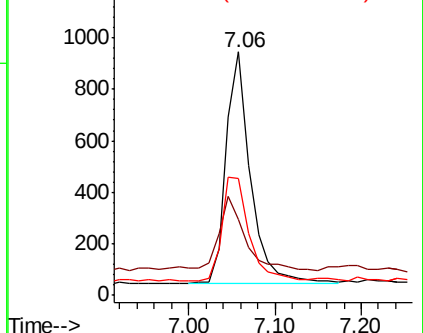
71 49.9 27.8 41.8#



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: 0.094 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

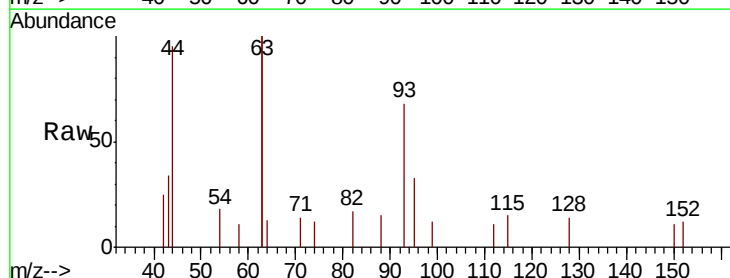
Tgt Ion: 93 Resp: 357

Ion Ratio Lower Upper

93 100

63 346.8 259.0 388.4

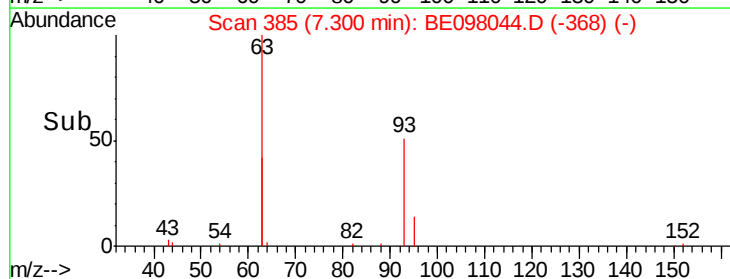
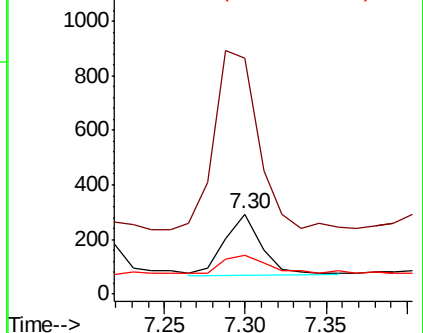
95 40.3 27.8 41.8

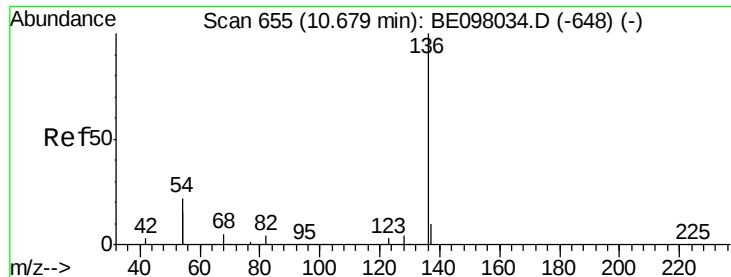


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 136 Resp: 5336

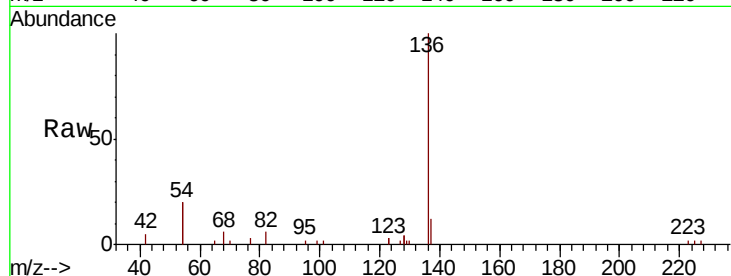
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 40.0 27.7 41.5

68 6.5 5.3 7.9

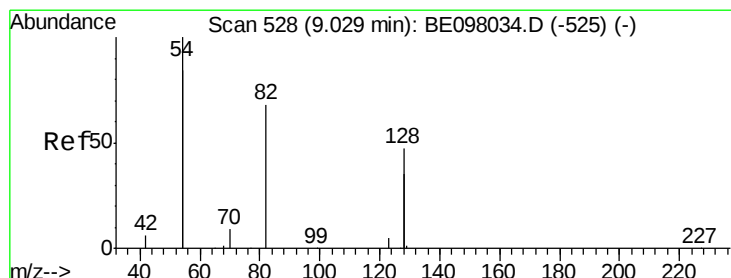
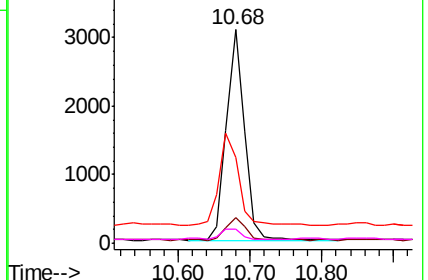
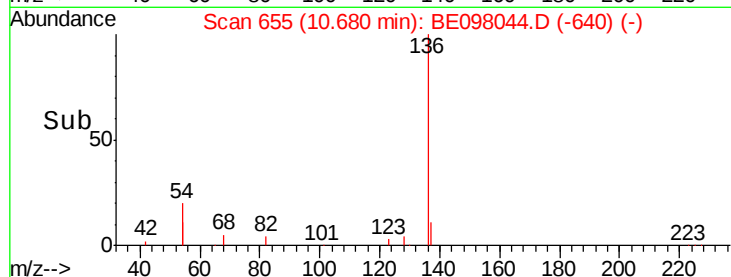


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.351 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

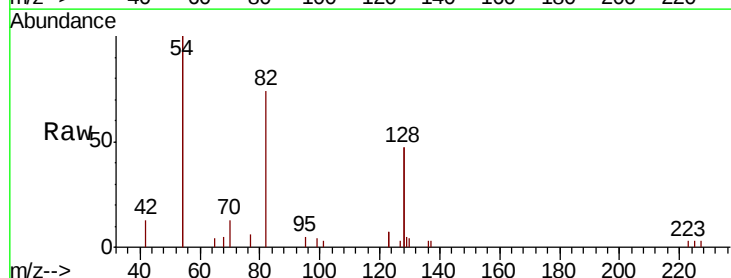
Tgt Ion: 82 Resp: 1992

Ion Ratio Lower Upper

82 100

128 126.9 129.9 194.9#

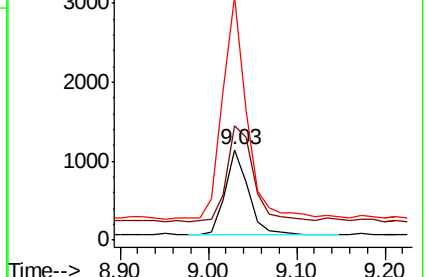
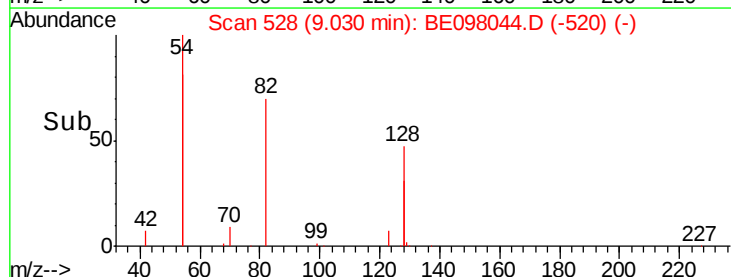
54 269.6 174.0 261.0#

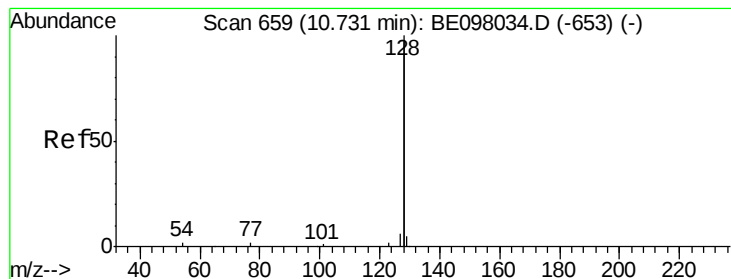


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.093 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.00 min

Lab File: BE098044.D

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BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

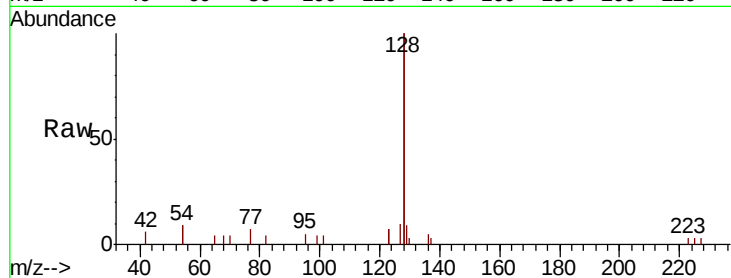
Tgt Ion:128 Resp: 4906

Ion Ratio Lower Upper

128 100

129 4.5 2.5 3.7#

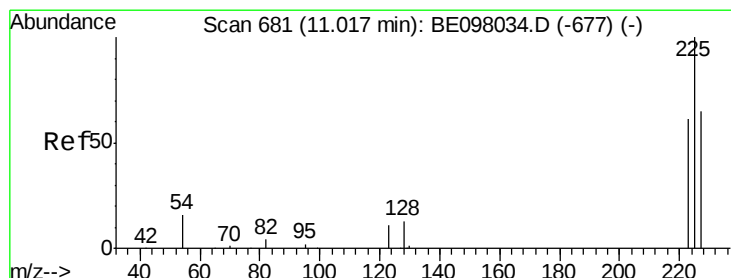
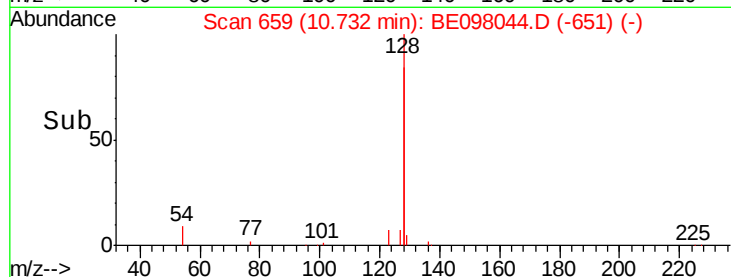
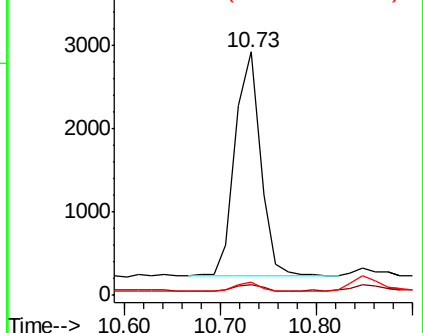
127 5.2 2.8 4.2#



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: 0.094 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

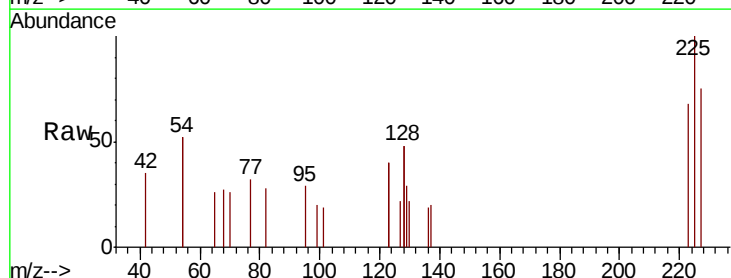
Tgt Ion:225 Resp: 337

Ion Ratio Lower Upper

225 100

223 66.2 51.8 77.8

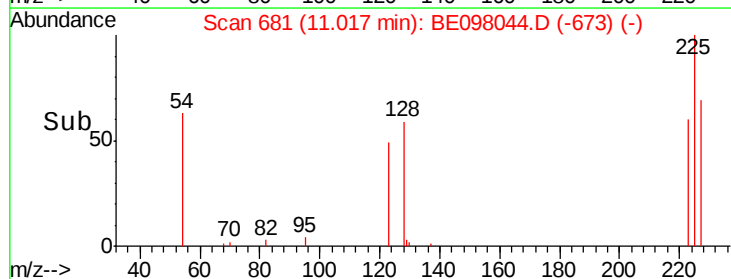
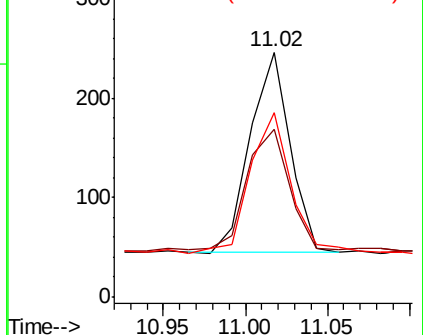
227 70.6 53.0 79.6

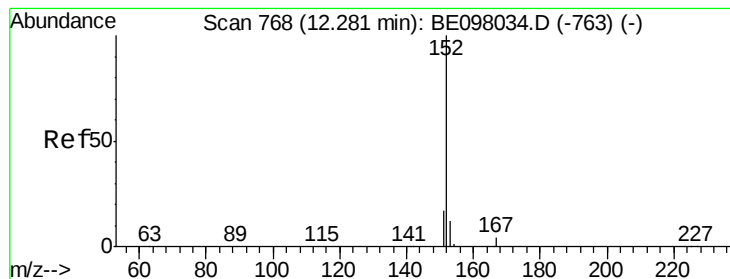


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

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ClientSampleId :

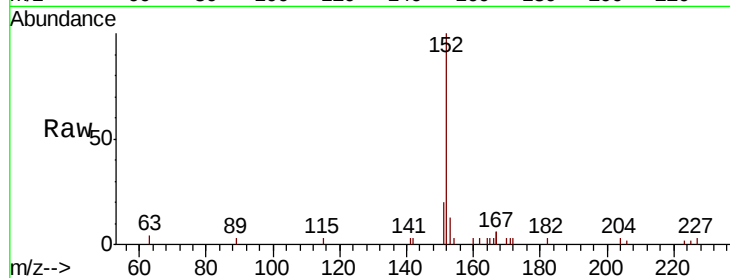
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:152 Resp: 3019

Ion Ratio Lower Upper

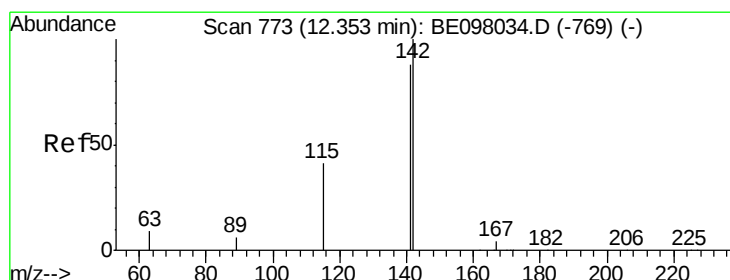
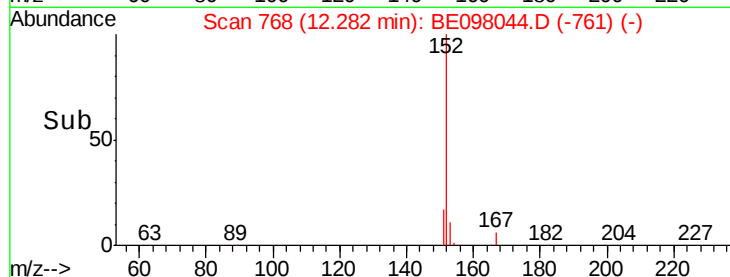
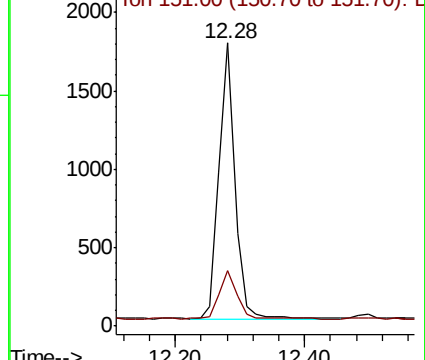
152 100

151 19.9 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.094 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

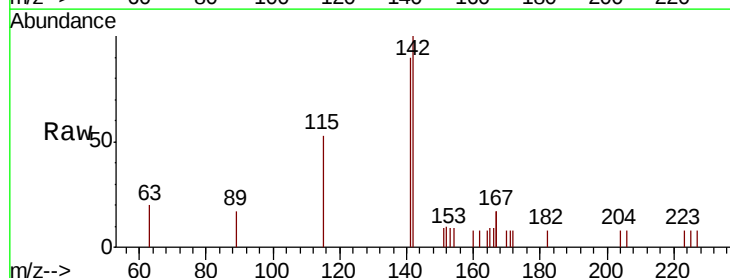
Tgt Ion:142 Resp: 906

Ion Ratio Lower Upper

142 100

141 89.9 69.8 104.6

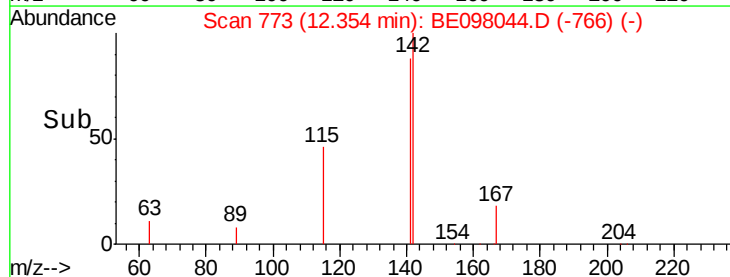
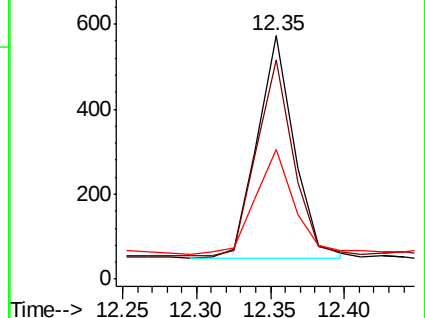
115 53.1 30.5 45.7#

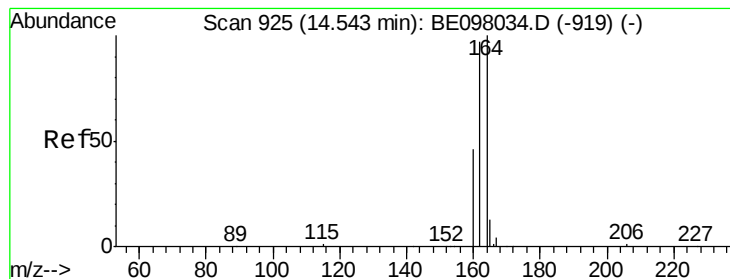


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

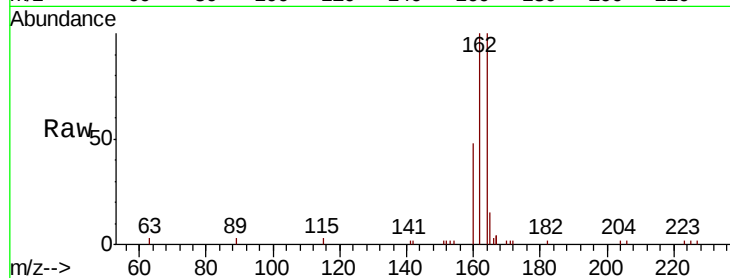
Tgt Ion:164 Resp: 3798

Ion Ratio Lower Upper

164 100

162 100.0 77.4 116.2

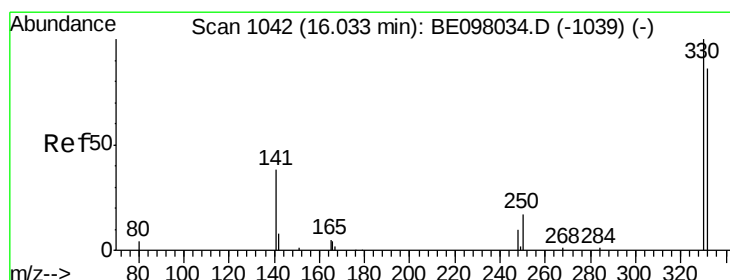
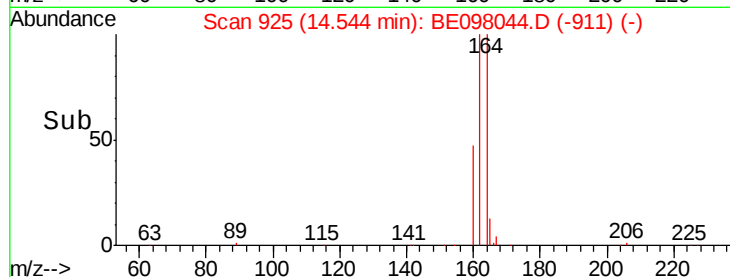
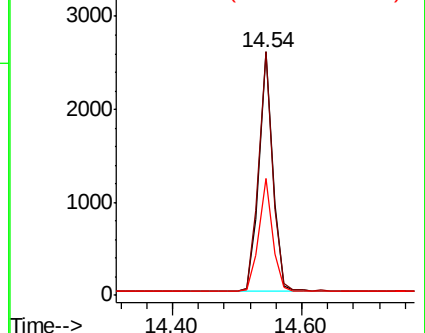
160 47.9 36.5 54.7



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: 0.296 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

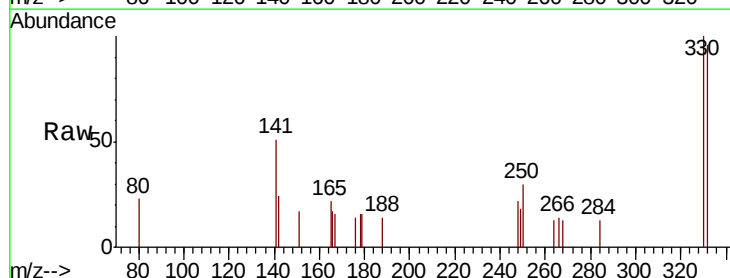
Tgt Ion:330 Resp: 566

Ion Ratio Lower Upper

330 100

332 102.5 76.5 114.7

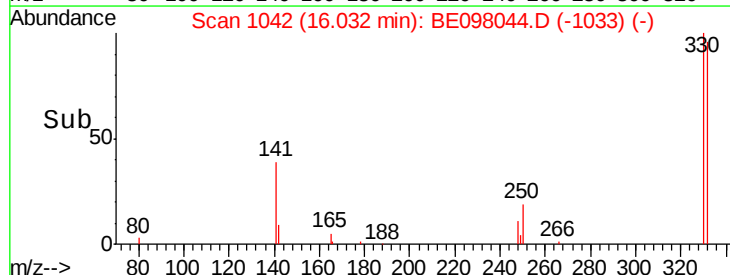
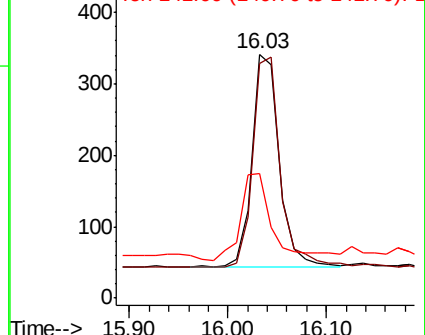
141 46.5 31.8 47.6

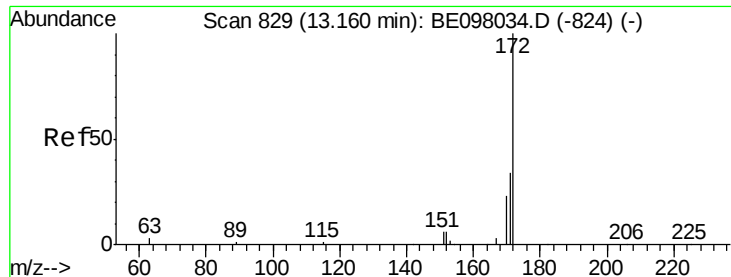


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

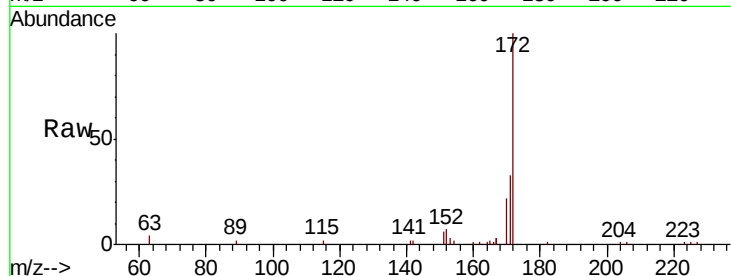




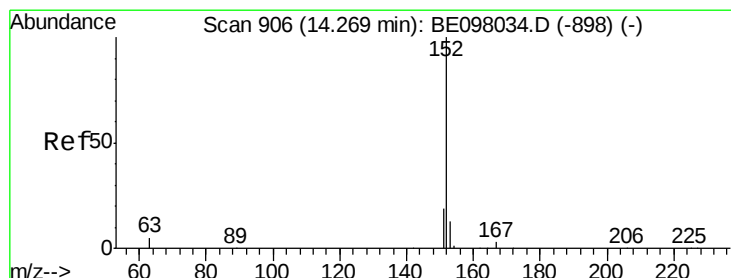
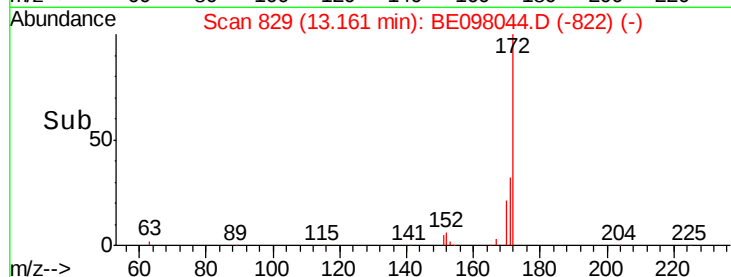
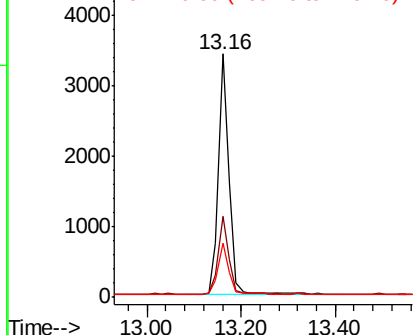
#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:172 Resp: 5190
Ion Ratio Lower Upper
172 100
171 33.2 26.0 39.0
170 22.3 18.0 27.0

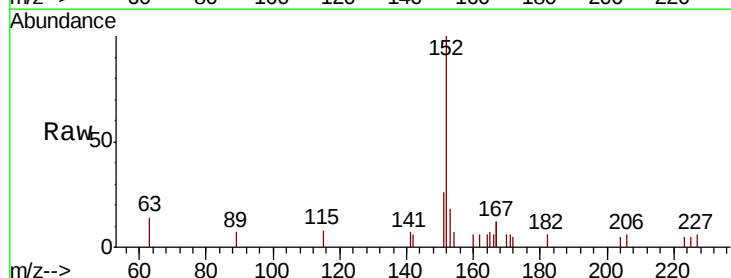


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

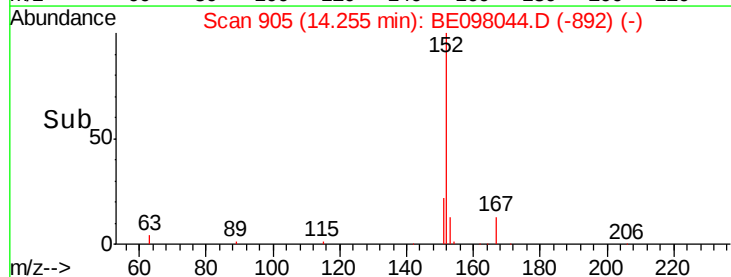
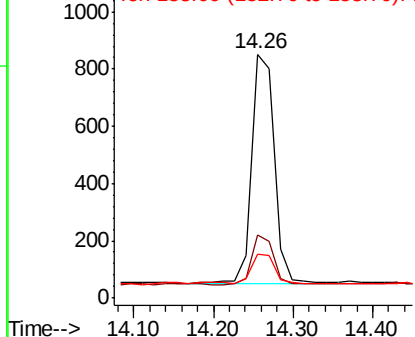


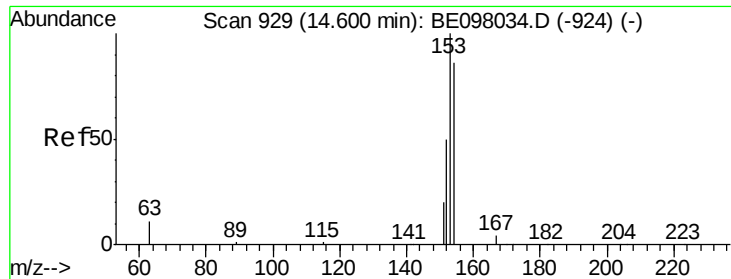
#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.01 min
Lab File: BE098044.D
Acq: 24 Oct 2018 18:36

Tgt Ion:152 Resp: 1599
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 14.3 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.095 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

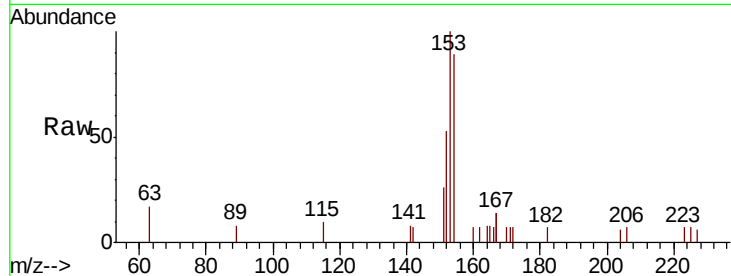
Tgt Ion:154 Resp: 991

Ion Ratio Lower Upper

154 100

153 115.0 92.6 139.0

152 55.0 45.5 68.3

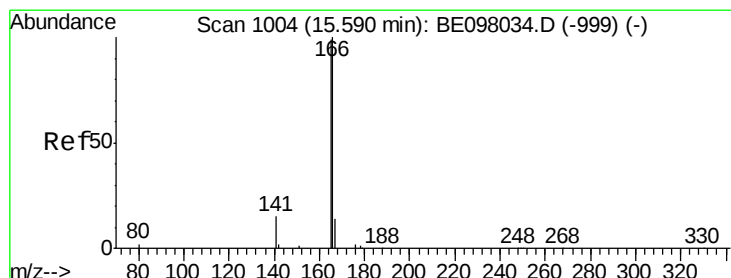
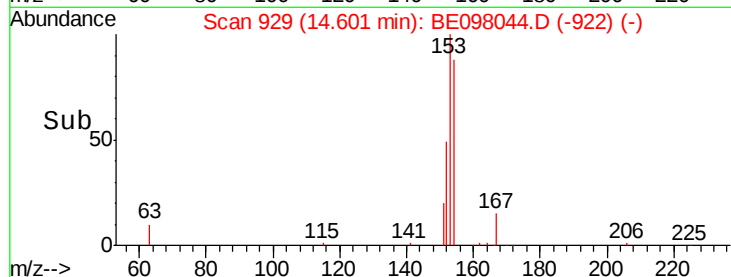
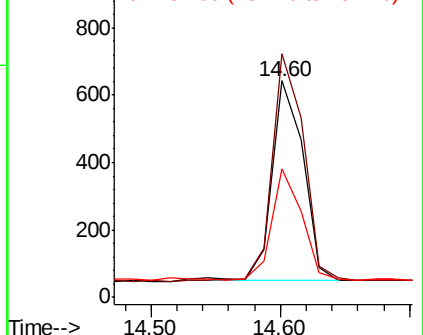


Abundance

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: 0.092 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

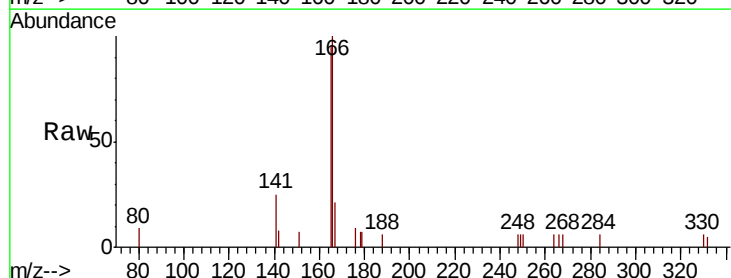
Tgt Ion:166 Resp: 1292

Ion Ratio Lower Upper

166 100

165 94.0 78.2 117.4

167 16.1 11.0 16.6

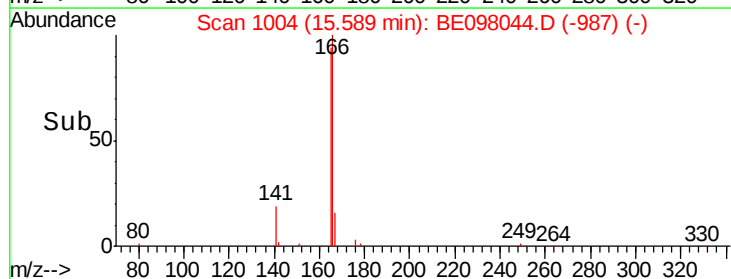
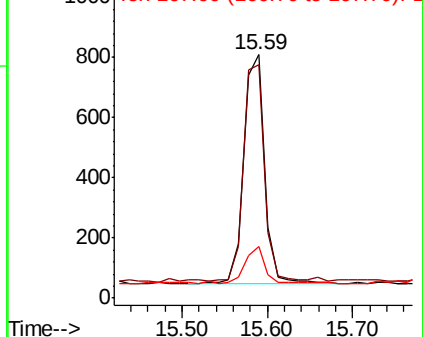


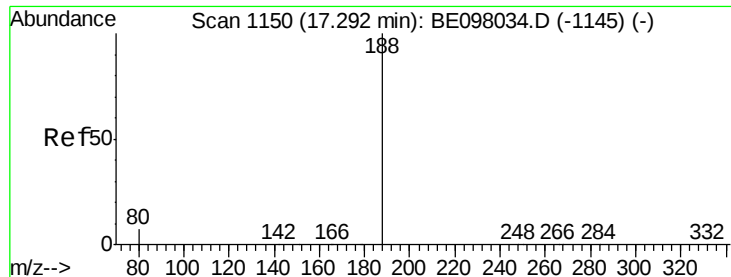
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

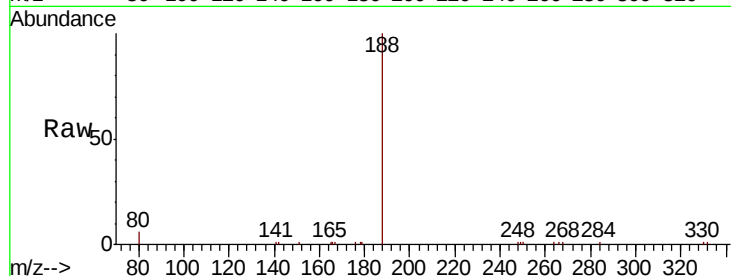
Tgt Ion:188 Resp: 9500

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

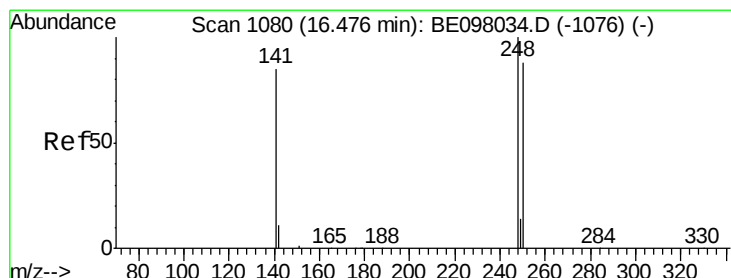
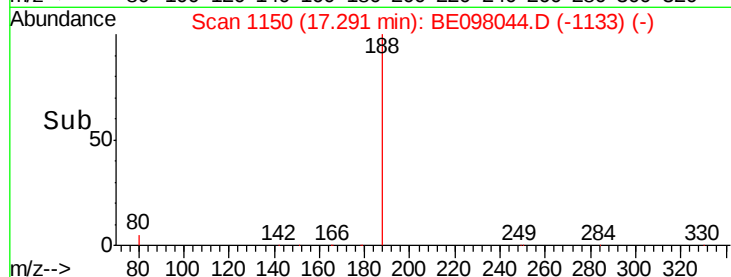
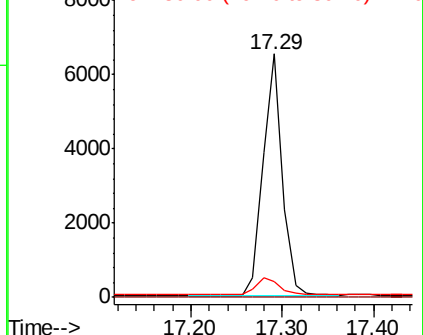
80 6.5 6.3 9.5



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: 16.48 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

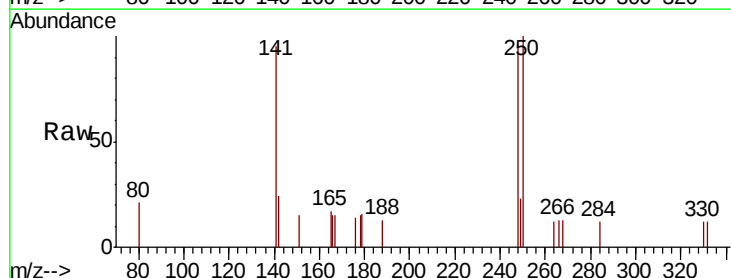
Tgt Ion:248 Resp: 496

Ion Ratio Lower Upper

248 100

250 103.7 75.1 112.7

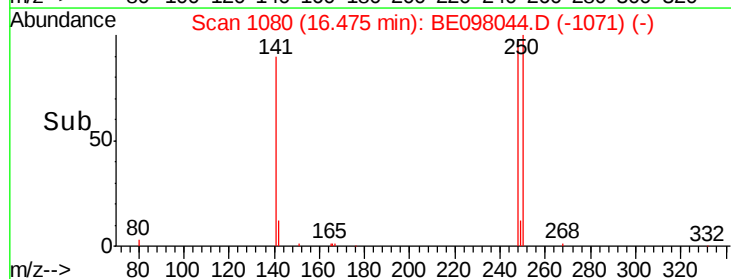
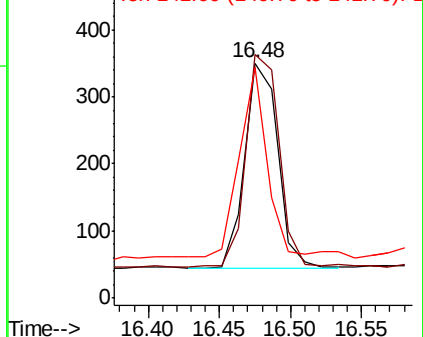
141 98.3 51.8 77.8#

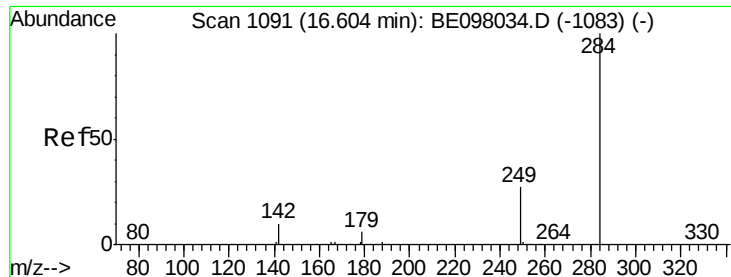


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.098 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

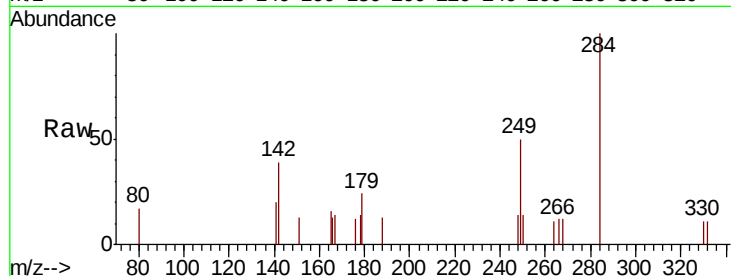
Tgt Ion:284 Resp: 585

Ion Ratio Lower Upper

284 100

142 30.4 25.9 38.9

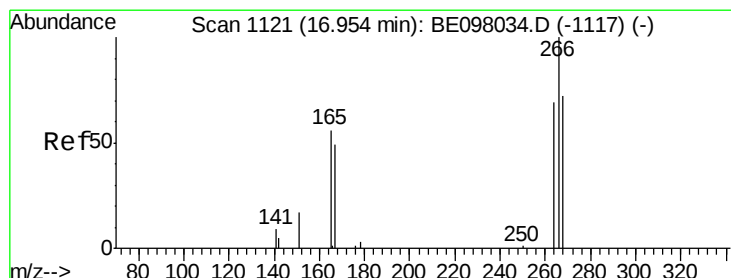
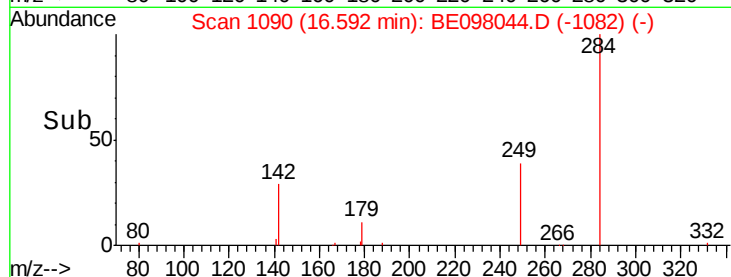
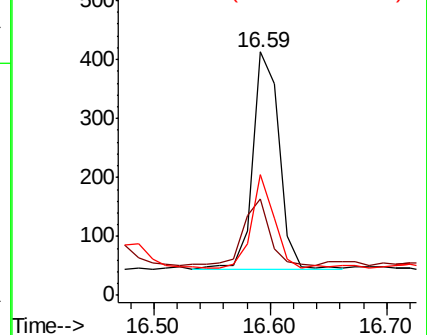
249 37.8 26.6 40.0



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: 0.090 ng

RT: 16.96 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

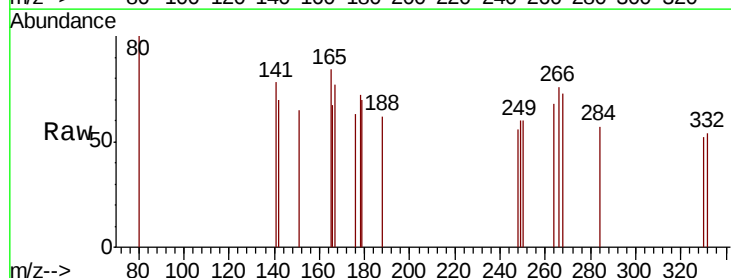
Tgt Ion:266 Resp: 45

Ion Ratio Lower Upper

266 100

264 90.3 51.3 76.9#

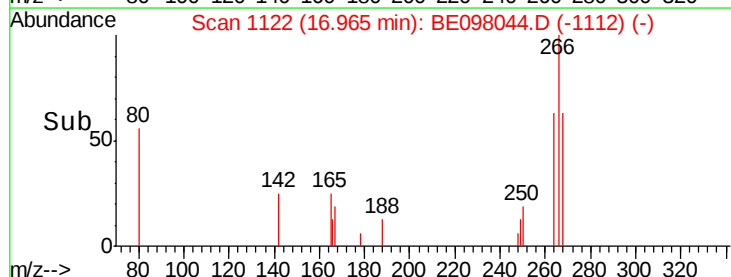
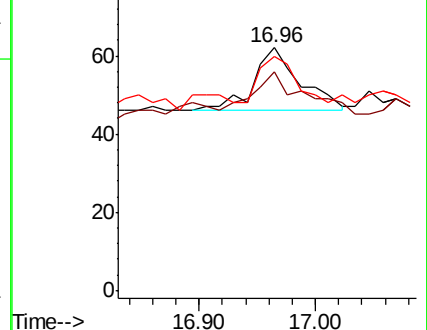
268 96.8 50.1 75.1#

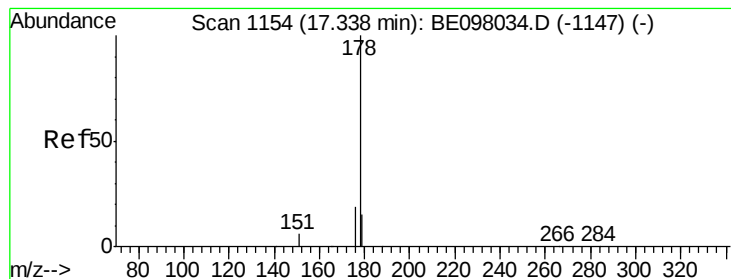


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.090 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

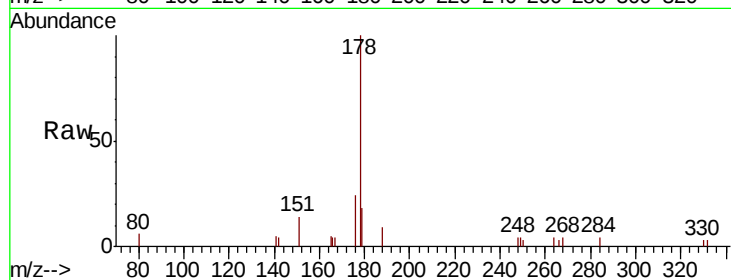
Tgt Ion:178 Resp: 2108

Ion Ratio Lower Upper

178 100

176 21.3 15.5 23.3

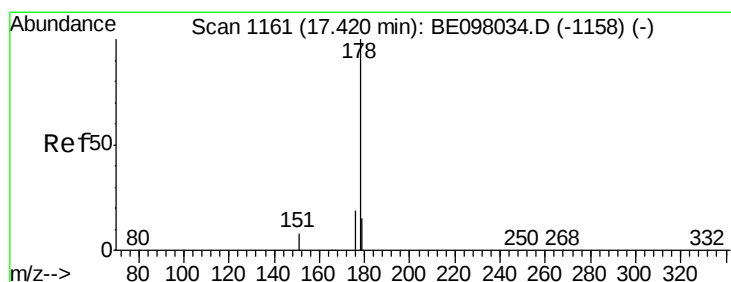
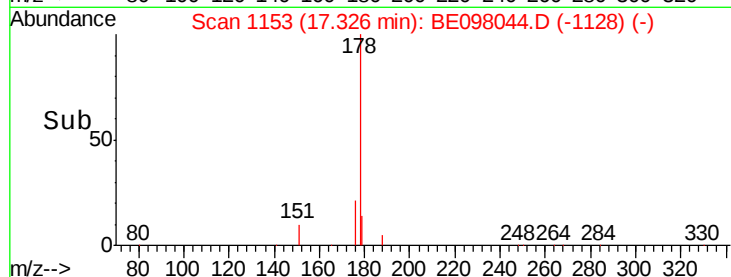
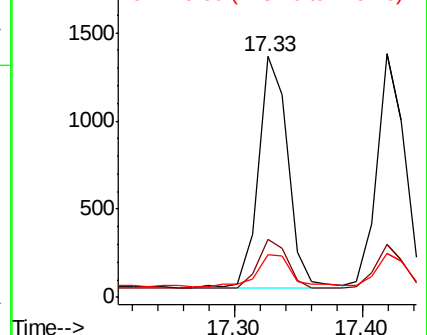
179 16.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.087 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

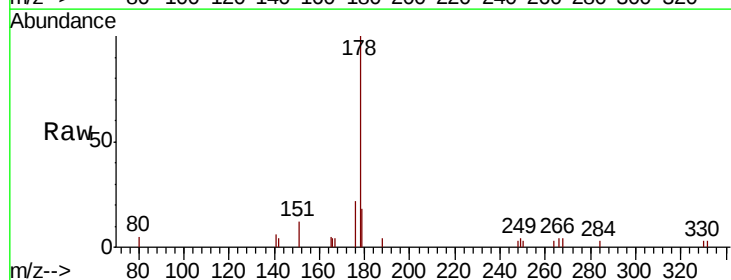
Tgt Ion:178 Resp: 1990

Ion Ratio Lower Upper

178 100

176 20.3 14.9 22.3

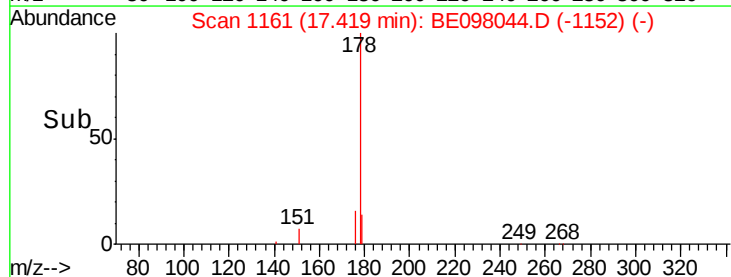
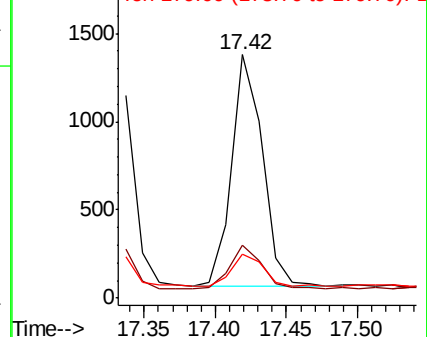
179 15.1 11.9 17.9

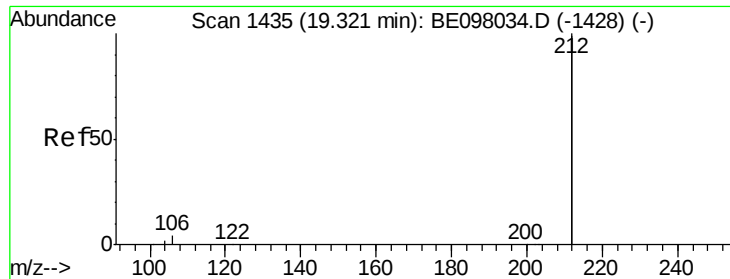


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.302 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

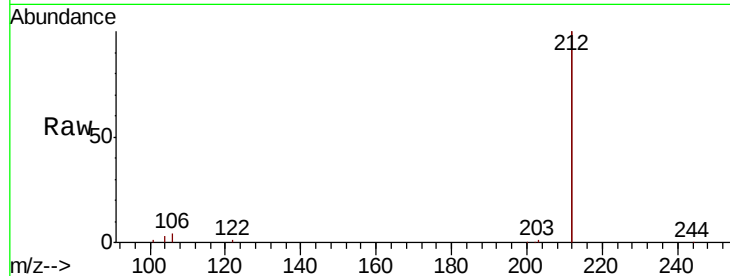
Tgt Ion:212 Resp: 36812

Ion Ratio Lower Upper

212 100

106 2.0 2.3 3.5#

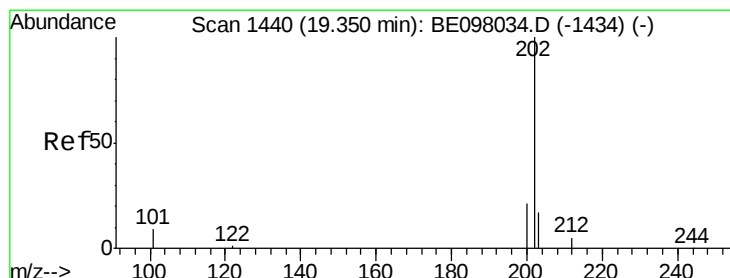
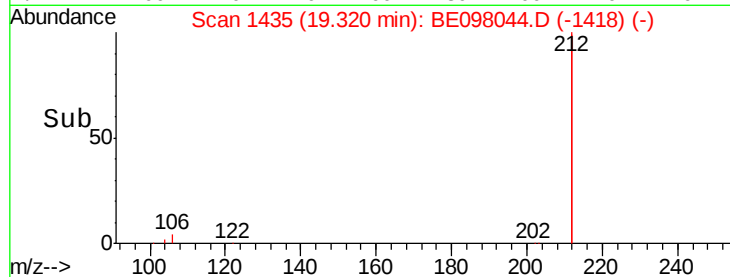
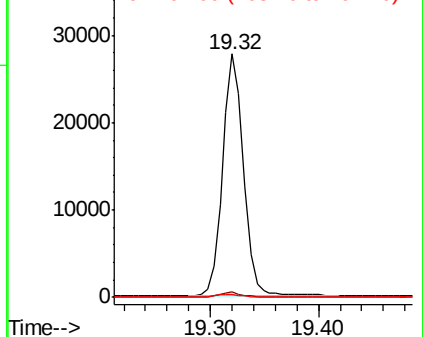
104 1.2 1.3 1.9#



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: 0.090 ng

RT: 19.35 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

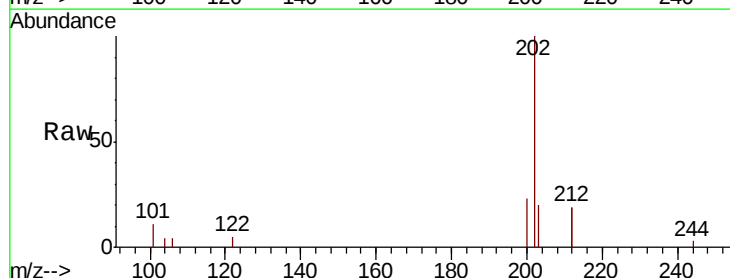
Tgt Ion:202 Resp: 2613

Ion Ratio Lower Upper

202 100

101 8.5 8.2 12.2

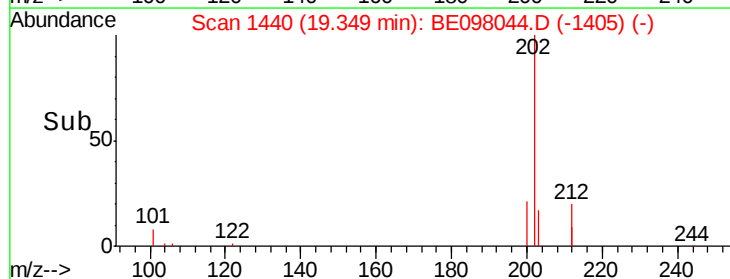
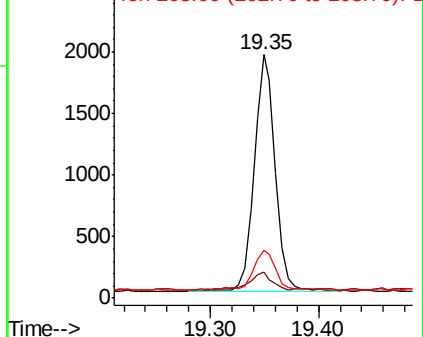
203 18.5 15.0 22.4

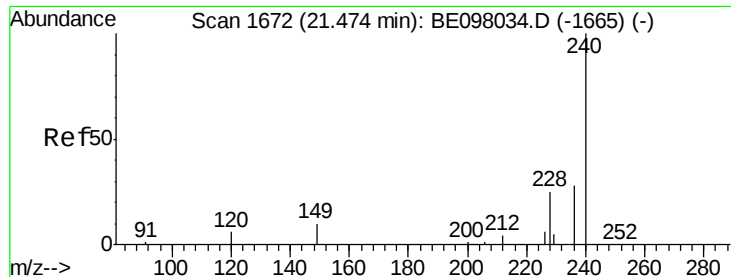


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.47 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

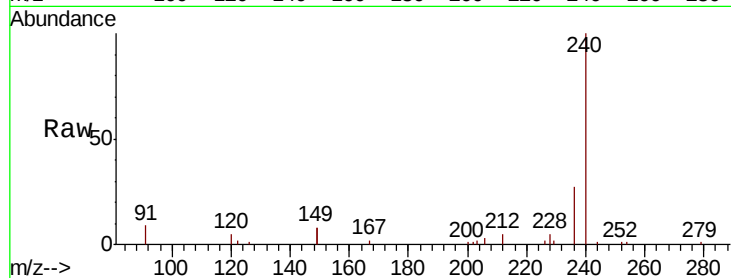
Tgt Ion:240 Resp: 11194

Ion Ratio Lower Upper

240 100

120 5.4 7.1 10.7#

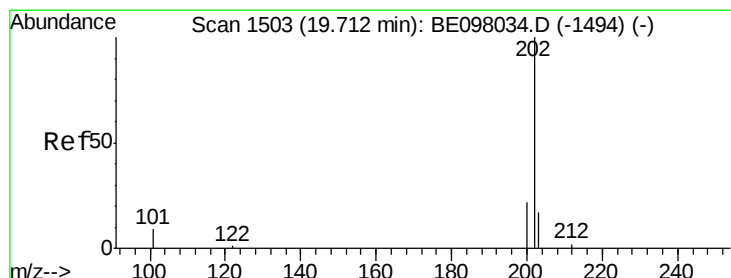
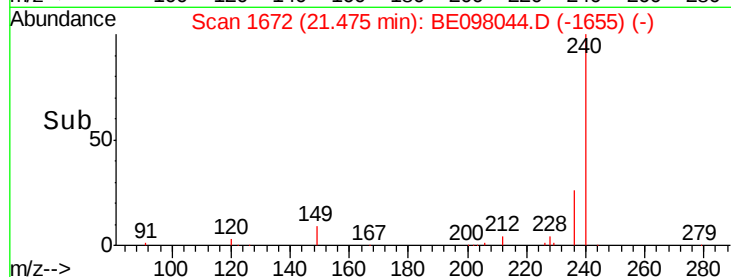
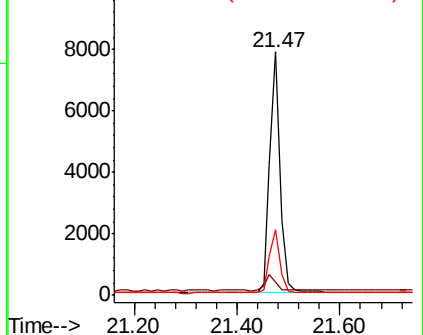
236 27.0 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.090 ng

RT: 19.71 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

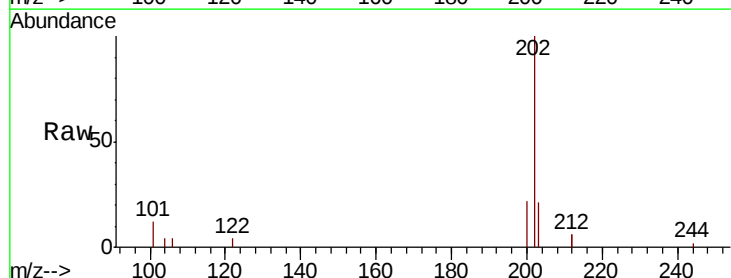
Tgt Ion:202 Resp: 2787

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

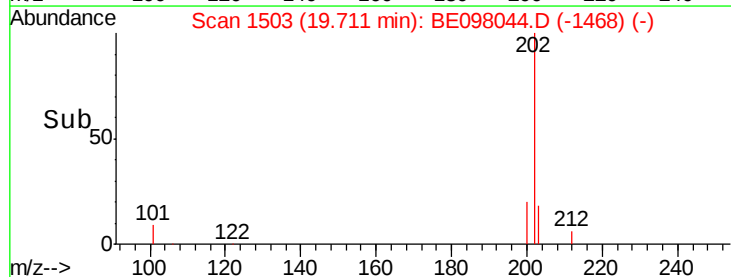
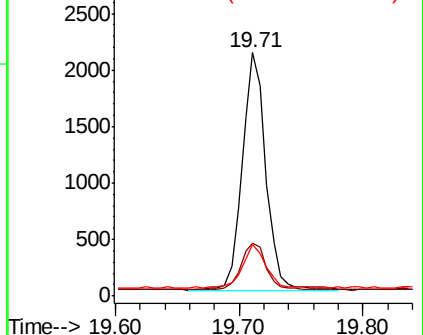
203 18.6 14.2 21.4

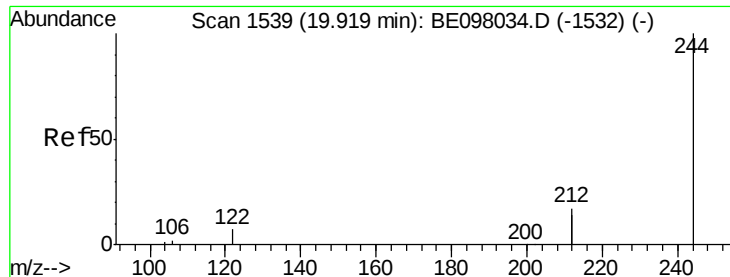


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.308 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

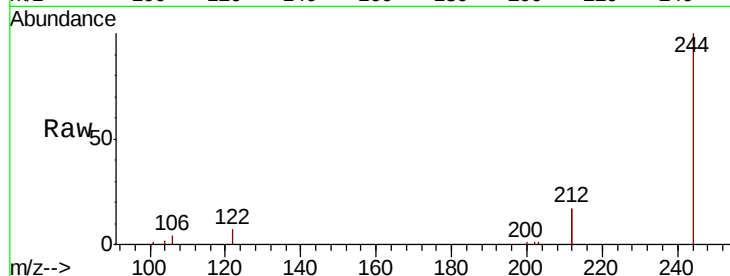
Tgt Ion:244 Resp: 8111

Ion Ratio Lower Upper

244 100

212 35.0 26.2 39.2

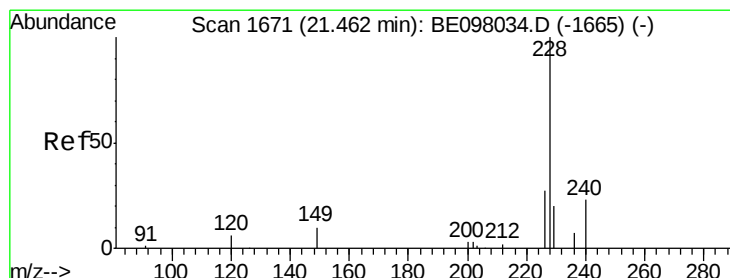
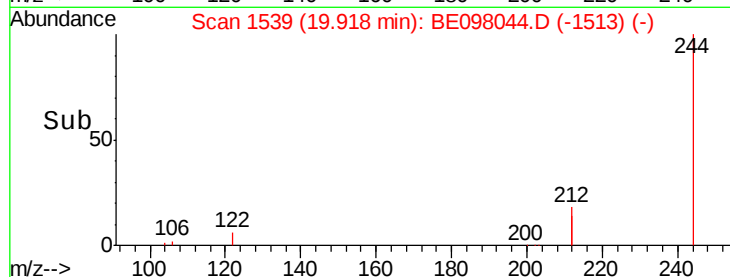
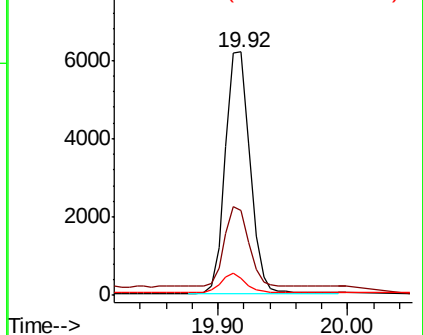
122 7.2 7.7 11.5#



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: 0.090 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

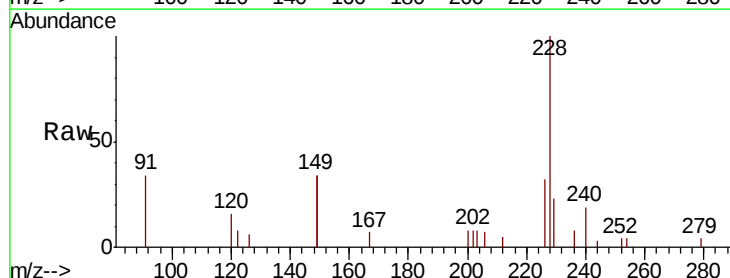
Tgt Ion:228 Resp: 2991

Ion Ratio Lower Upper

228 100

226 31.6 22.6 33.8

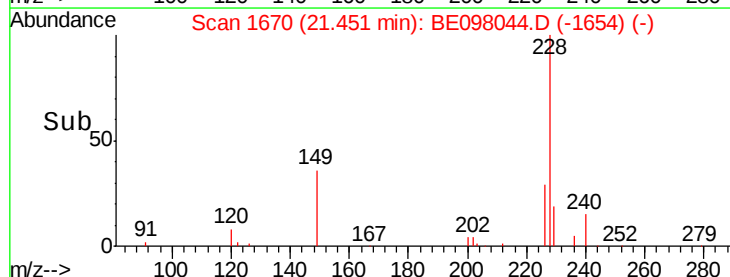
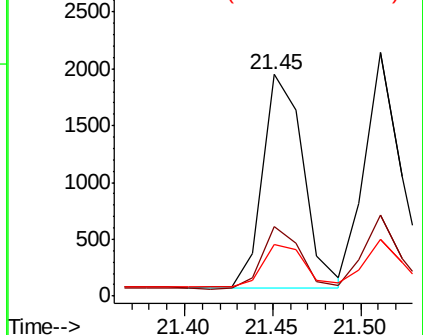
229 23.1 16.9 25.3

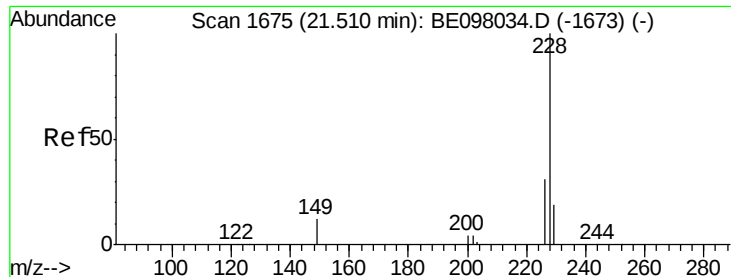


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.087 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

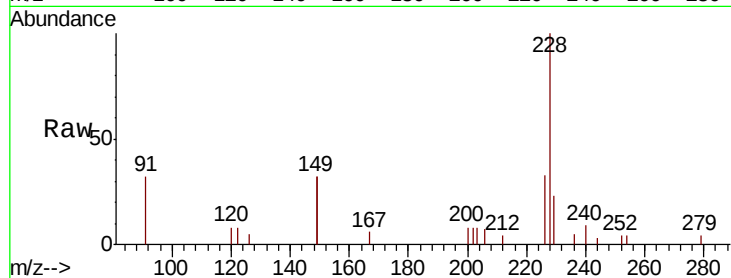
Tgt Ion:228 Resp: 2800

Ion Ratio Lower Upper

228 100

226 33.1 24.3 36.5

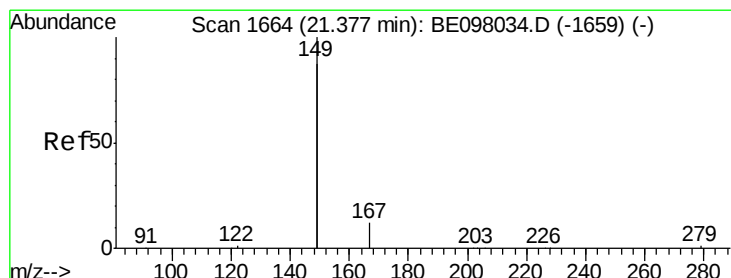
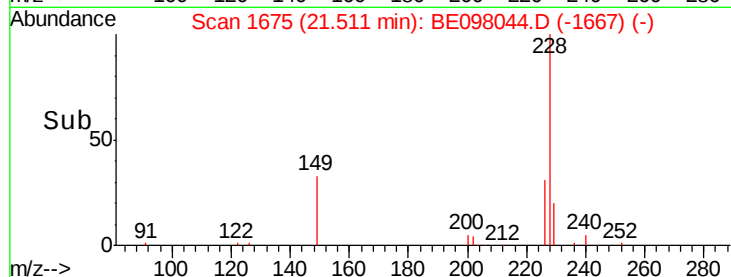
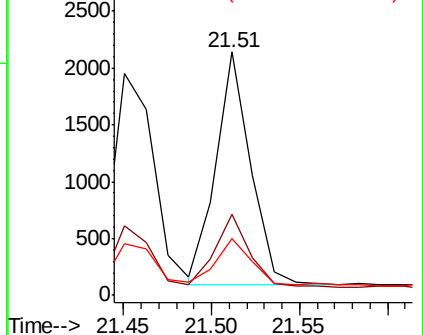
229 23.3 17.3 25.9



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: 0.092 ng

RT: 21.38 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

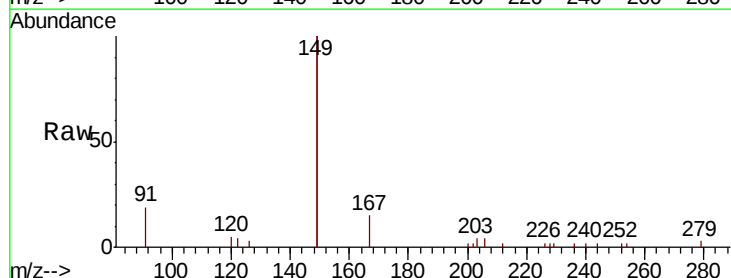
Tgt Ion:149 Resp: 7260

Ion Ratio Lower Upper

149 100

167 7.4 5.6 8.4

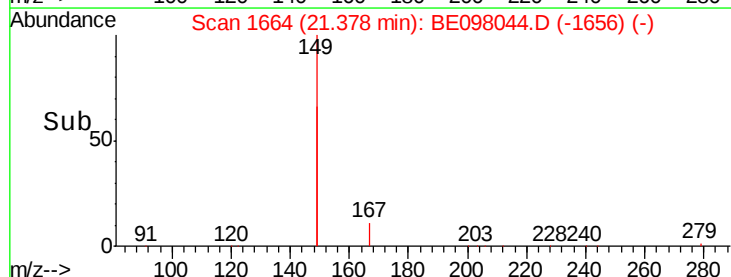
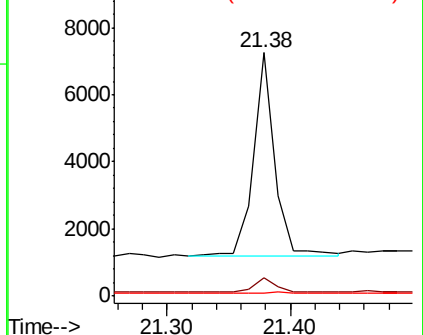
279 1.1 0.9 1.3

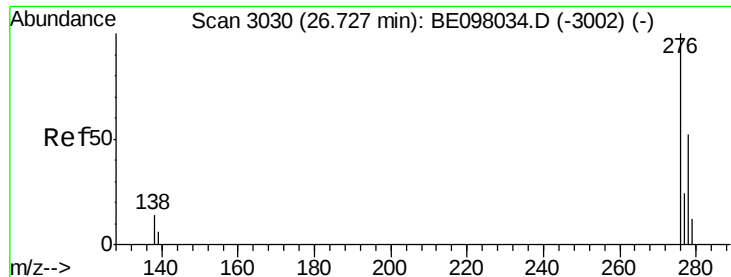


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.090 ng

RT: 26.72 min Scan# 3029

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

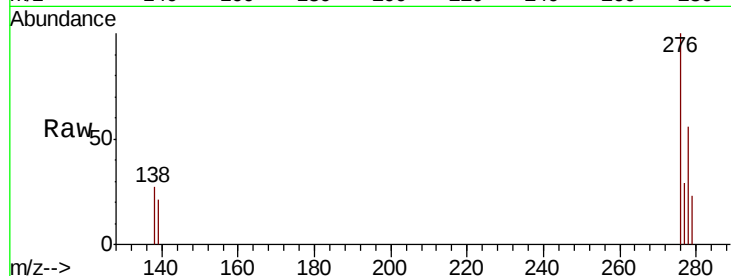
Tgt Ion:276 Resp: 3158

Ion Ratio Lower Upper

276 100

138 0.8 17.0 25.6#

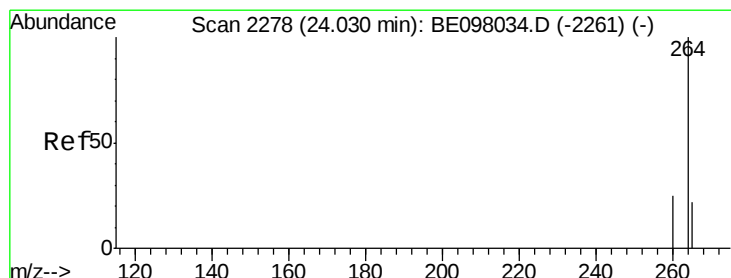
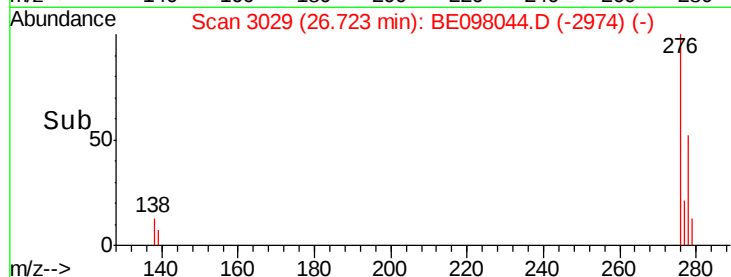
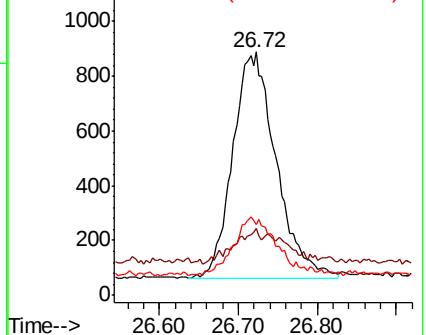
277 24.4 20.5 30.7



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: 24.02 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

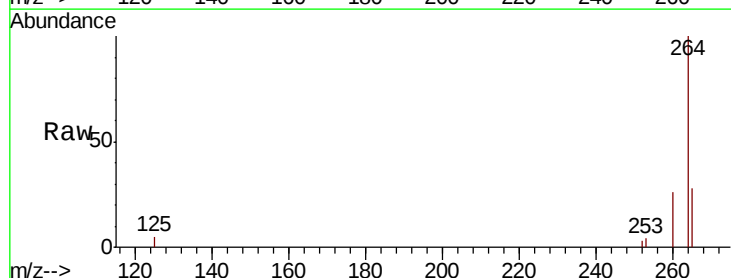
Tgt Ion:264 Resp: 10994

Ion Ratio Lower Upper

264 100

260 25.9 21.1 31.7

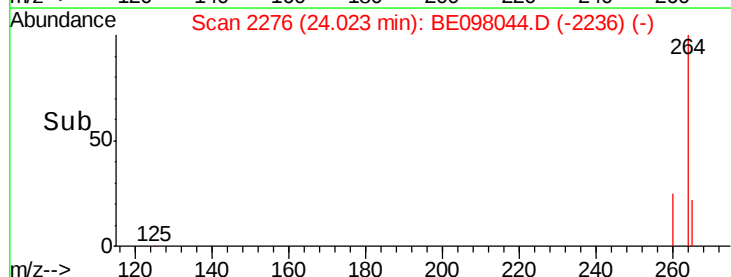
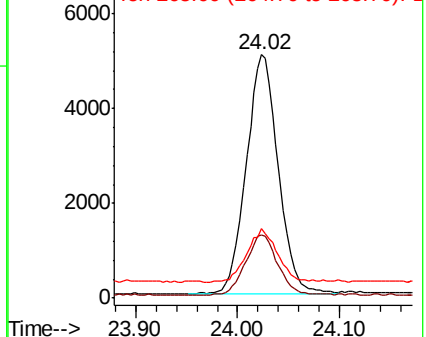
265 28.3 29.2 43.8#

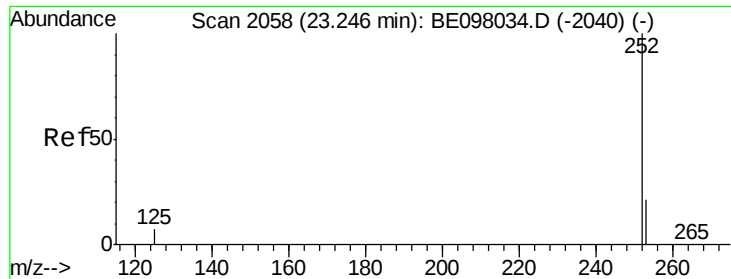


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.093 ng

RT: 23.24 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

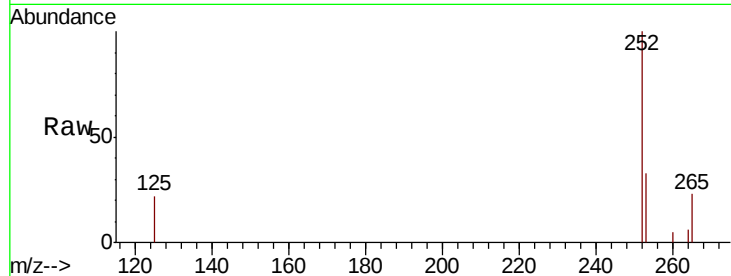
Tgt Ion:252 Resp: 2839

Ion Ratio Lower Upper

252 100

253 32.9 20.6 31.0#

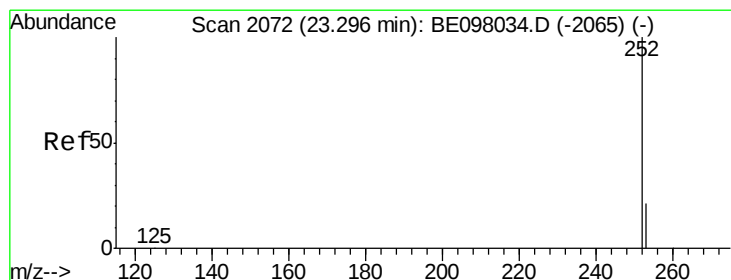
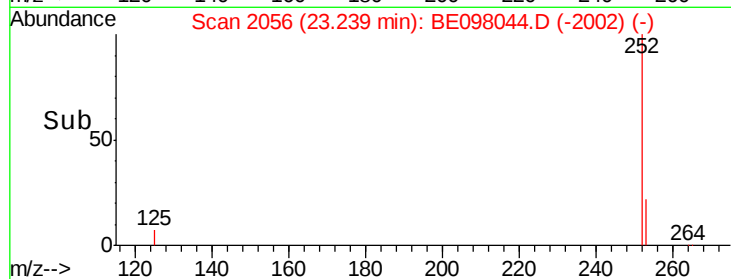
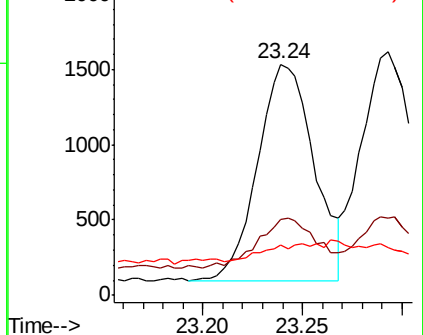
125 21.6 14.3 21.5#



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: 0.091 ng

RT: 23.29 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

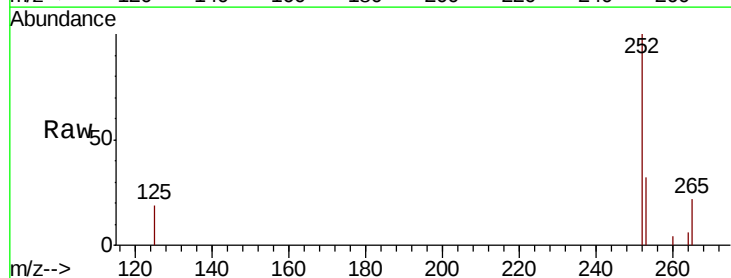
Tgt Ion:252 Resp: 2888

Ion Ratio Lower Upper

252 100

253 31.8 20.4 30.6#

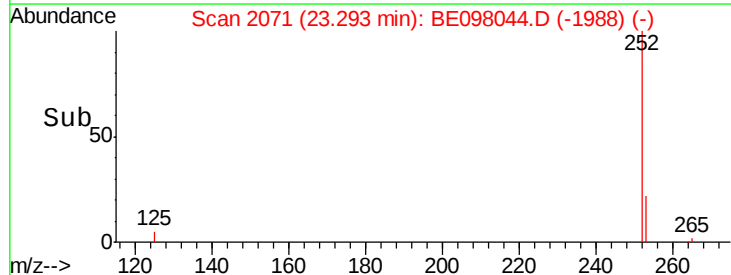
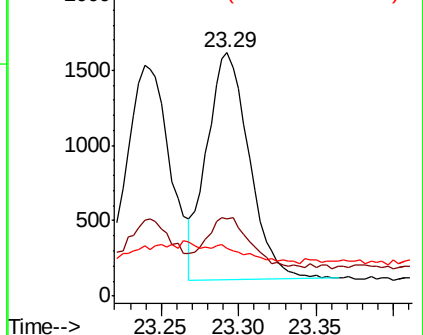
125 19.4 14.6 21.8

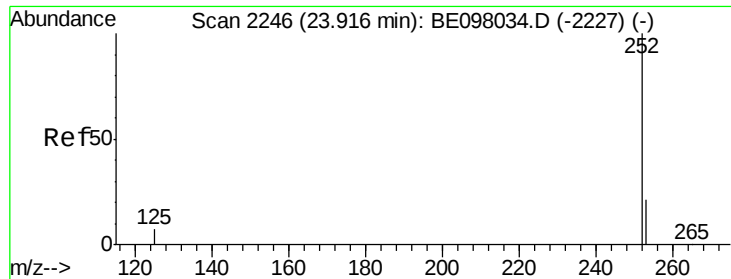


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.089 ng

RT: 23.91 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

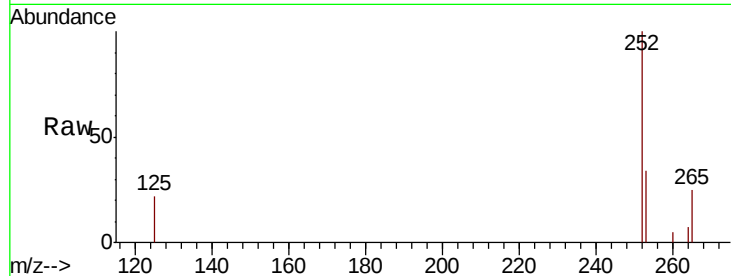
Tgt Ion:252 Resp: 2658

Ion Ratio Lower Upper

252 100

253 34.4 20.6 31.0#

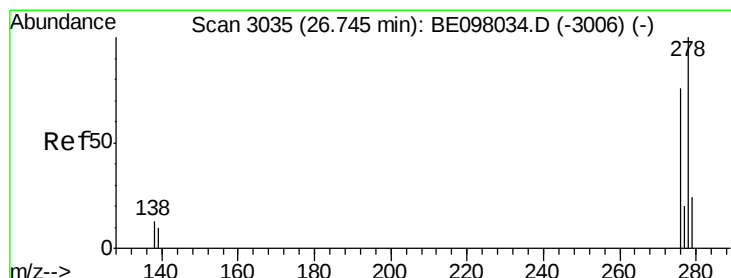
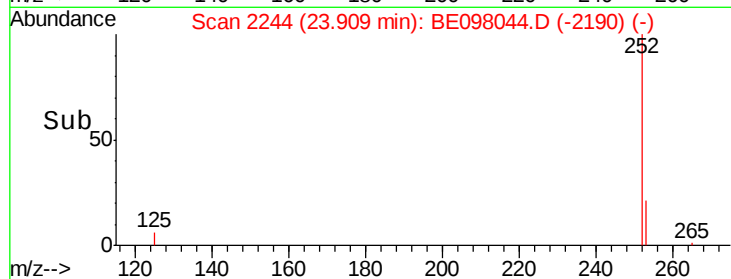
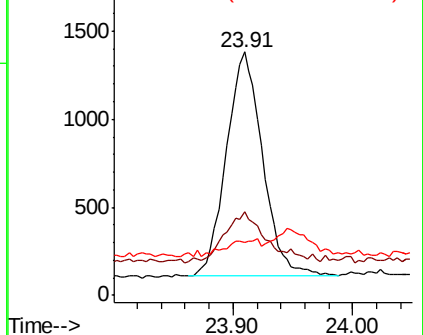
125 22.0 15.6 23.4



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: 0.089 ng

RT: 26.75 min Scan# 3036

Delta R.T. 0.00 min

Lab File: BE098044.D

Acq: 24 Oct 2018 18:36

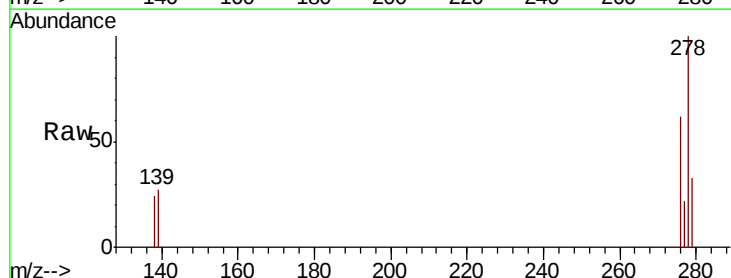
Tgt Ion:278 Resp: 2607

Ion Ratio Lower Upper

278 100

139 27.3 16.3 24.5#

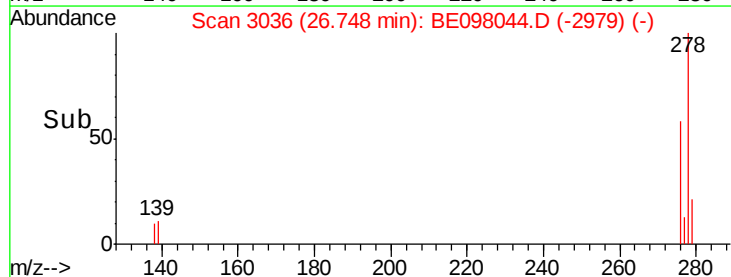
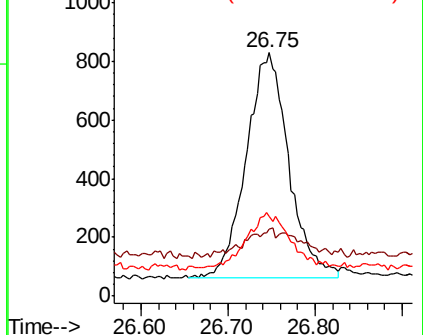
279 32.7 21.4 32.2#

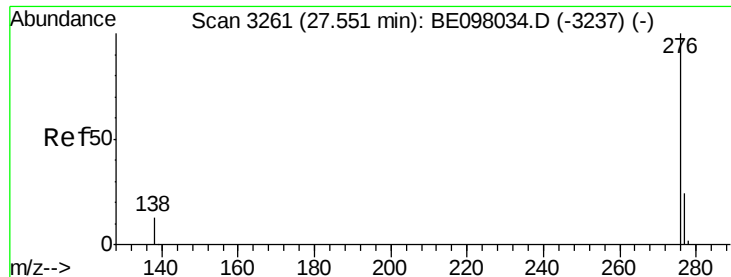


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.048 ng

RT: 27.55 min Scan# 3260

Delta R.T. -0.00 min

Lab File: BE098044.D

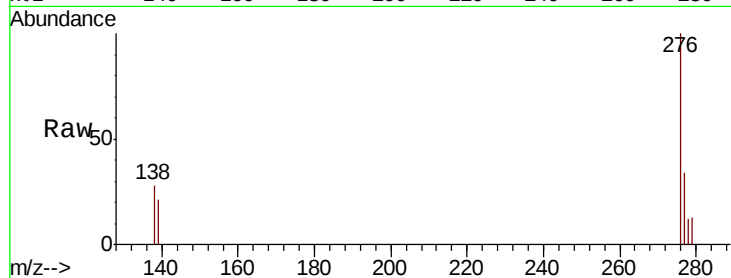
Acq: 24 Oct 2018 18:36

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018



Tgt Ion: 276 Resp: 1394

Ion Ratio Lower Upper

276 100

277 34.1 22.1 33.1#

138 28.1 19.3 28.9

