

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099811.D
 Acq On : 5 Jun 2019 19:39
 Operator : JU/SJ
 Sample : K2241-07
 Misc : MDL-SIM-0.1PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Quant Time: Jun 06 01:40:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	858	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	2665	0.40	ng	0.01
13) Acenaphthene-d10	14.48	164	1843	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	6472	0.40	ng	0.01
27) Chrysene-d12	21.42	240	11862	0.40	ng	0.00
34) Perylene-d12	23.95	264	14373	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	801	0.38	ng	0.01
5) Phenol-d6	6.99	99	842	0.31	ng	0.02
8) Nitrobenzene-d5	8.99	82	661	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	12.24	152	813	0.18	ng	0.03
14) 2,4,6-Tribromophenol	16.02	330	321	0.36	ng	0.04
15) 2-Fluorobiphenyl	13.13	172	2292	0.33	ng	0.03
25) Fluoranthene-d10	19.27	212	18167	0.19	ng	0.01
29) Terphenyl-d14	19.87	244	7136	0.37	ng	0.01

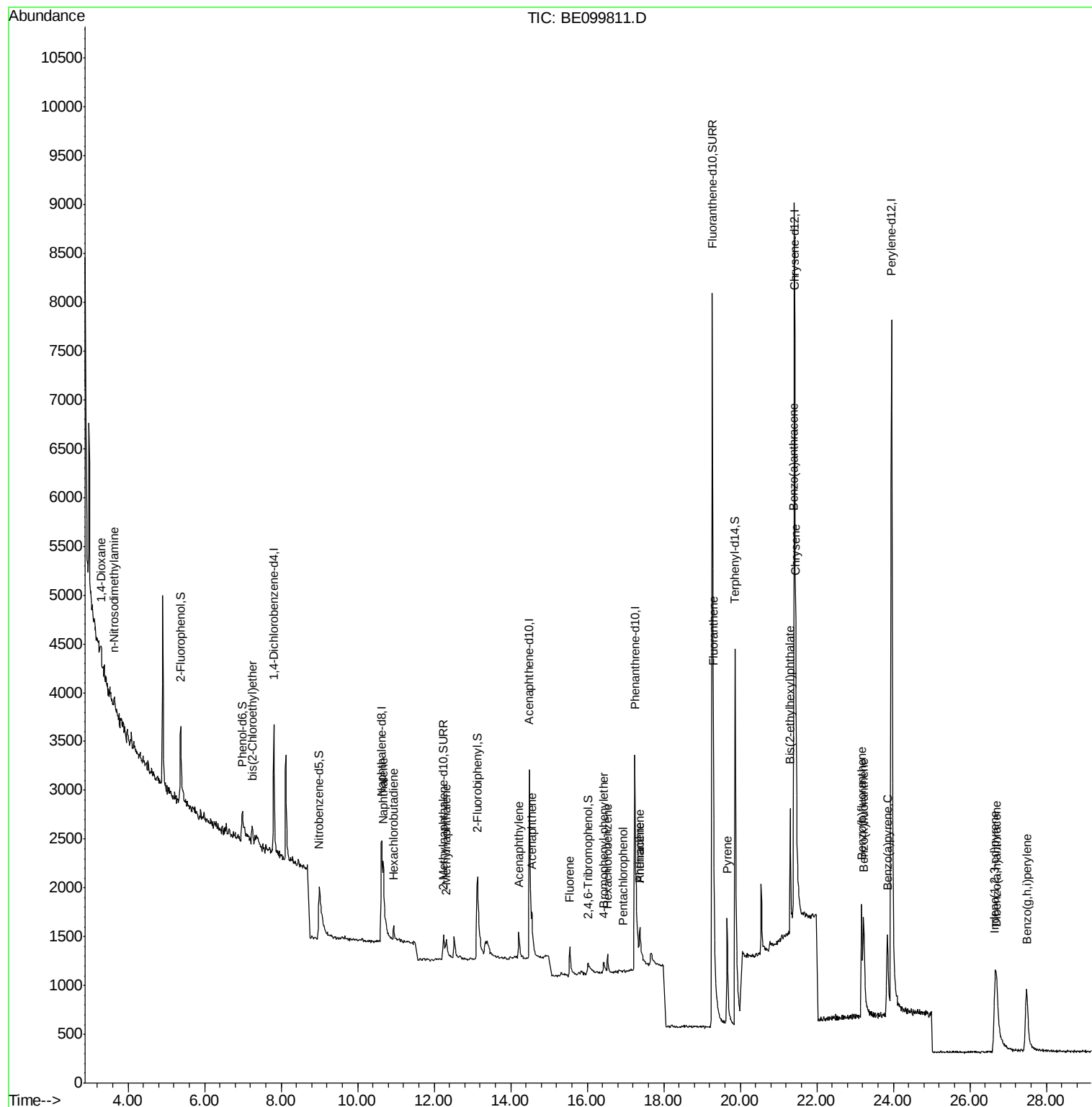
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	164	0.132	ng	# 84
3) n-Nitrosodimethylamine	3.64	42	83	0.126	ng	# 49
6) bis(2-Chloroethyl)ether	7.24	93	102	0.043	ng	# 79
9) Naphthalene	10.68	128	1849	0.065	ng	# 83
10) Hexachlorobutadiene	10.94	225	138	0.064	ng	95
12) 2-Methylnaphthalene	12.31	142	218	0.048	ng	# 84
16) Acenaphthylene	14.21	152	494	0.056	ng	# 93
17) Acenaphthene	14.56	154	268	0.055	ng	98
18) Fluorene	15.54	166	377	0.053	ng	88
20) 4-Bromophenyl-phenylether	16.44	248	140	0.039	ng	# 82
21) Hexachlorobenzene	16.53	284	216	0.055	ng	95
22) Pentachlorophenol	16.93	266	6	0.284	ng	84
23) Phenanthrene	17.38	178	846	0.055	ng	97
24) Anthracene	17.38	178	556	0.040	ng	99
26) Fluoranthene	19.30	202	1587	0.059	ng	97
28) Pyrene	19.66	202	1622	0.057	ng	99
30) Benzo(a)anthracene	21.40	228	1669	0.051	ng	# 90
31) Chrysene	21.45	228	2223	0.061	ng	92
32) Bis(2-ethylhexyl)phthalate	21.31	149	2018	0.054	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.65	276	2515	0.058	ng	# 71
35) Benzo(b)fluoranthene	23.17	252	1998	0.050	ng	# 84
36) Benzo(k)fluoranthene	23.22	252	2411	0.057	ng	# 83
37) Benzo(a)pyrene	23.85	252	2065	0.054	ng	# 80
38) Dibenzo(a,h)anthracene	26.70	278	1815	0.046	ng	# 70
39) Benzo(g,h,i)perylene	27.48	276	2333	0.057	ng	# 81

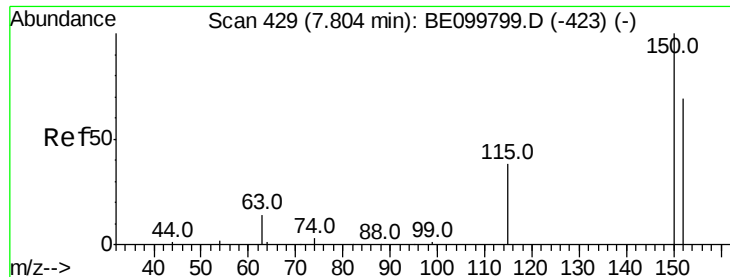
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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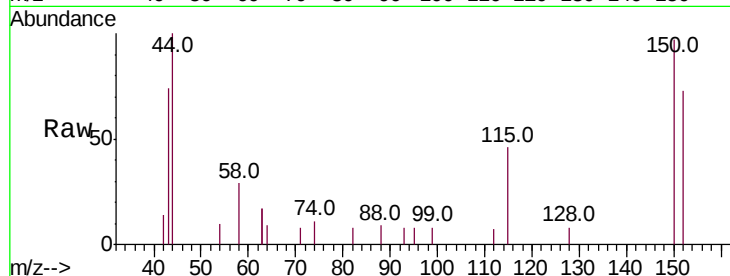


#1

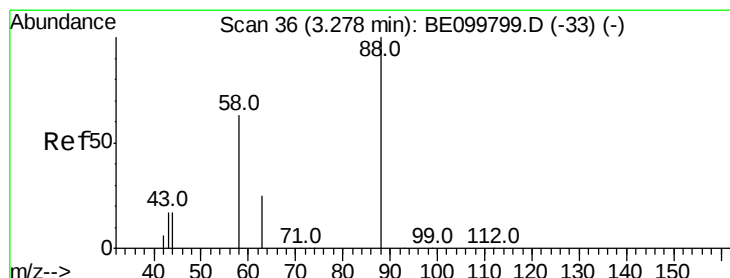
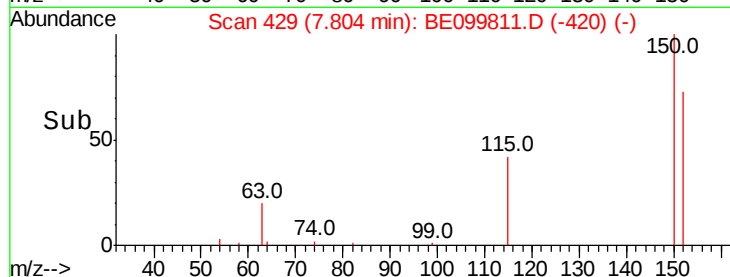
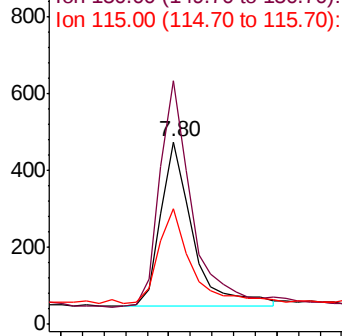
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion:152 Resp: 858
Ion Ratio Lower Upper
152 100
150 133.6 112.8 169.2
115 63.2 47.6 71.4



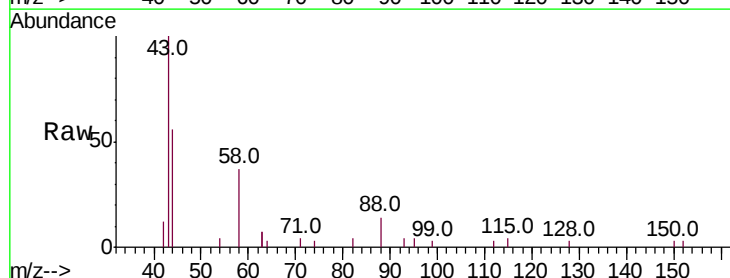
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



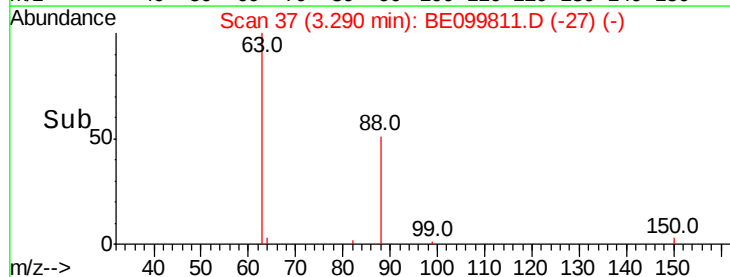
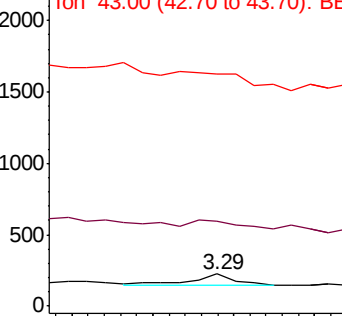
#2

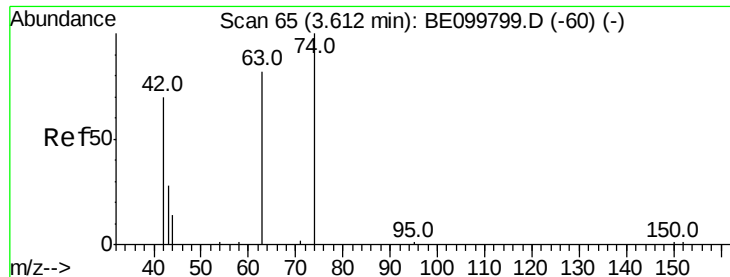
1,4-Dioxane
Concen: 0.132 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

Tgt Ion: 88 Resp: 164
Ion Ratio Lower Upper
88 100
58 62.2 47.3 70.9
43 0.0 18.2 27.4#



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: 0.126 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.02 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

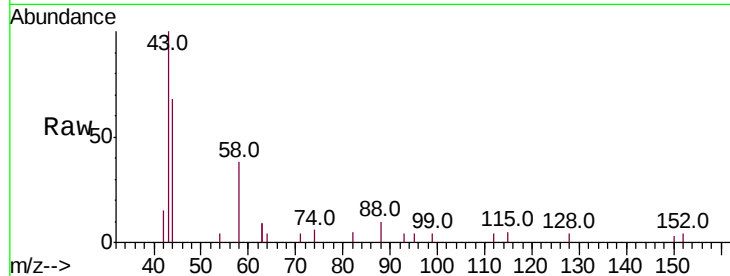
Tot Ion: 42 Resp: 83

Ion Ratio Lower Upper

42 100

74 95.2 132.6 198.8#

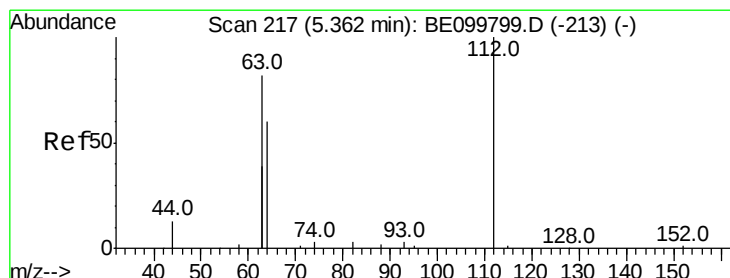
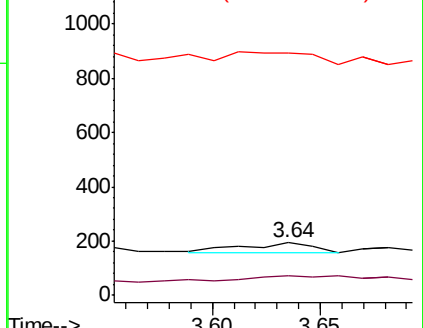
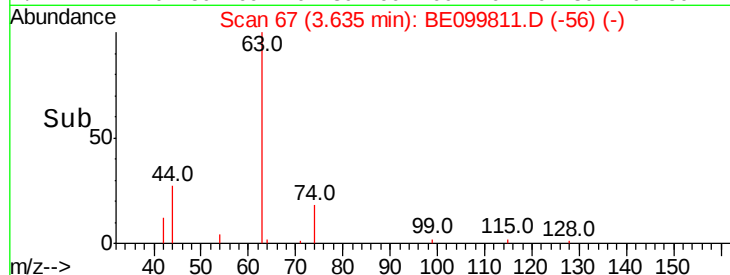
44 0.0 13.4 20.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.384 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

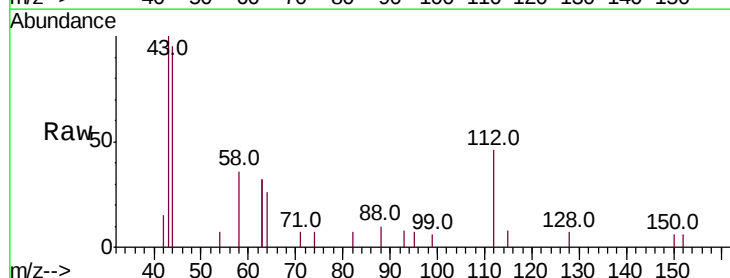
Tgt Ion: 112 Resp: 801

Ion Ratio Lower Upper

112 100

64 50.1 47.2 70.8

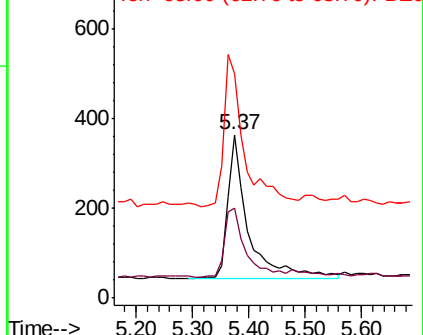
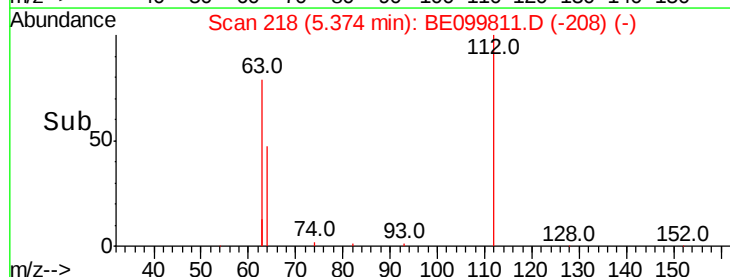
63 107.6 90.7 136.1

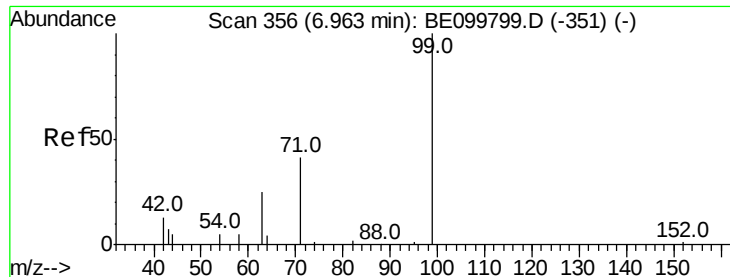


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.314 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

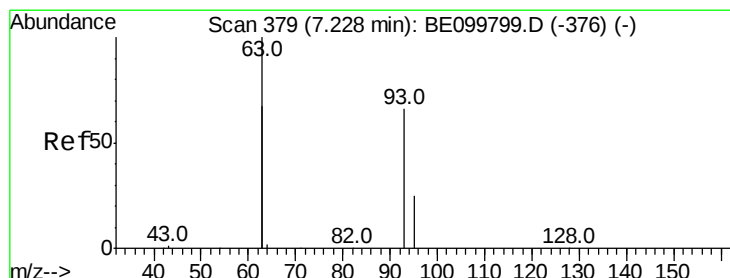
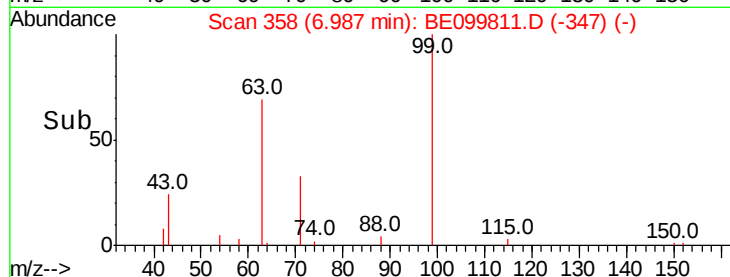
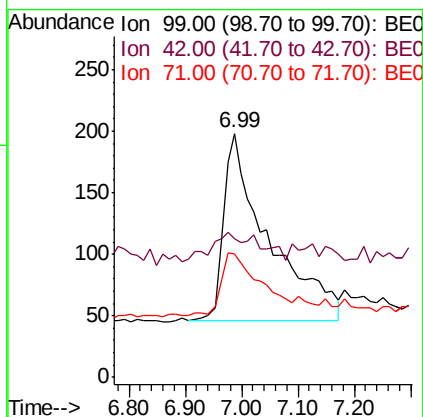
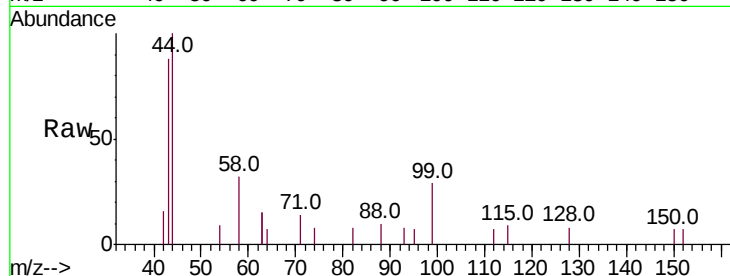
Tot Ion: 99 Resp: 842

Ion Ratio Lower Upper

99 100

42 16.5 11.0 16.4#

71 29.9 26.1 39.1



#6

bis(2-Chloroethyl)ether

Concen: 0.043 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

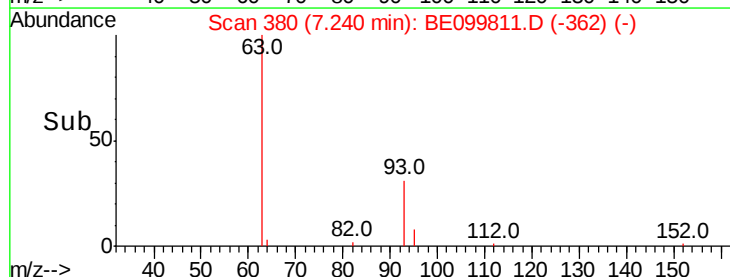
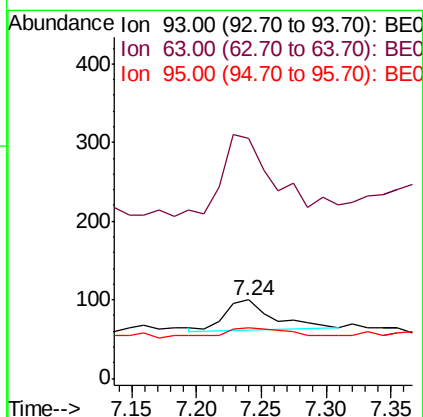
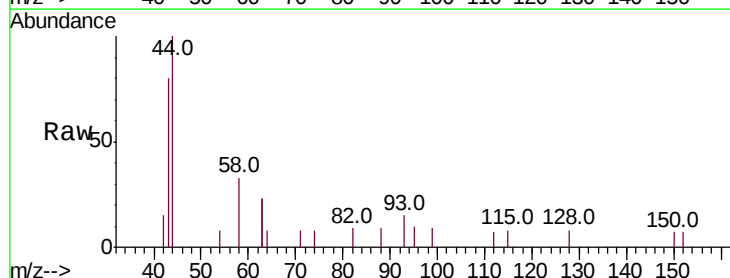
Tgt Ion: 93 Resp: 102

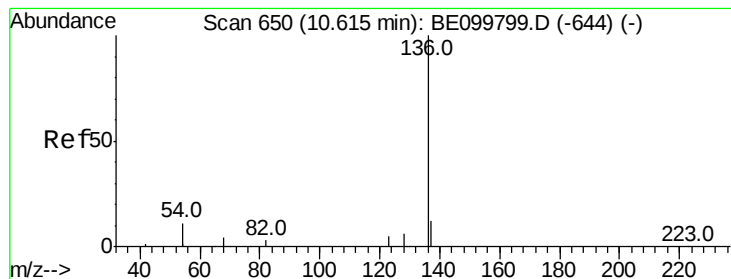
Ion Ratio Lower Upper

93 100

63 295.1 208.8 313.2

95 53.9 27.6 41.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:136 Resp: 2665

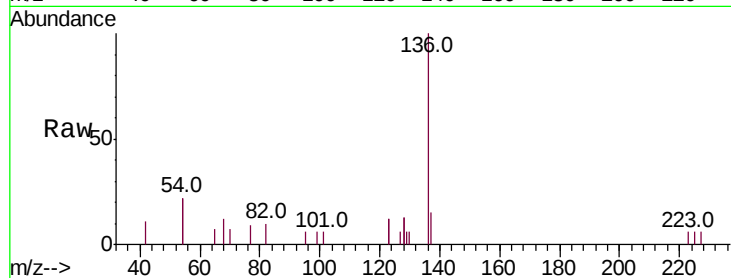
Ion Ratio Lower Upper

136 100

137 15.0 11.1 16.7

54 43.5 17.9 26.9#

68 11.8 5.4 8.0#

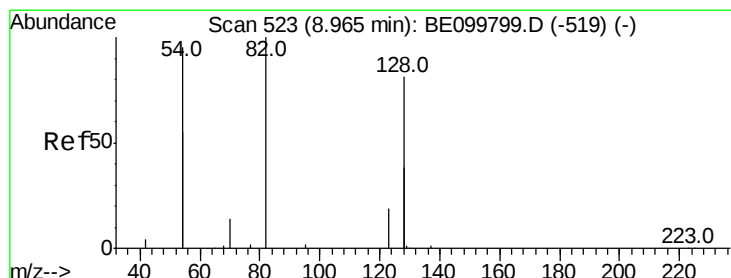
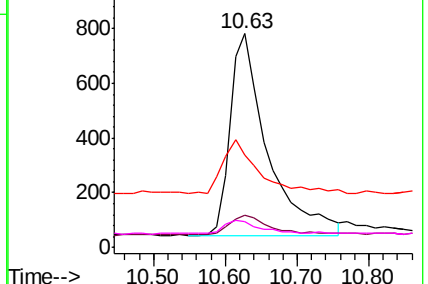
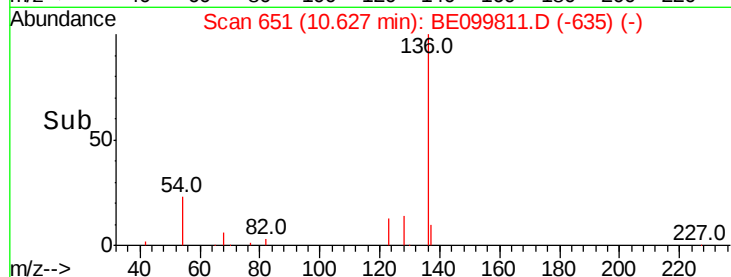


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.282 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

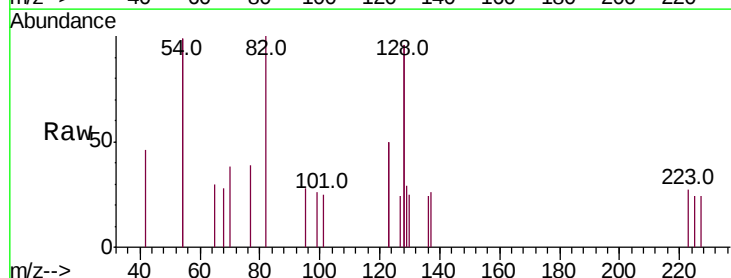
Tgt Ion: 82 Resp: 661

Ion Ratio Lower Upper

82 100

128 192.4 116.6 175.0#

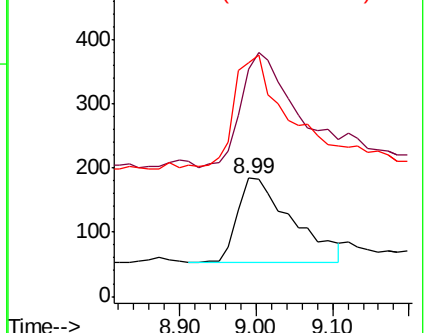
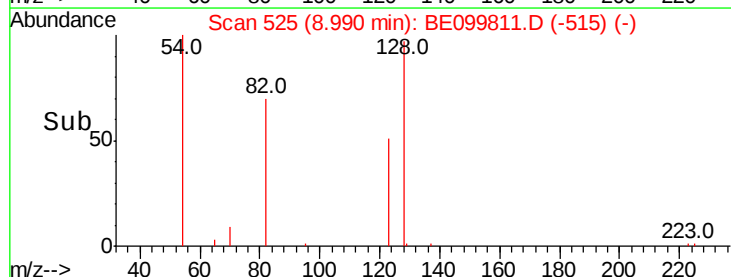
54 197.8 136.2 204.4

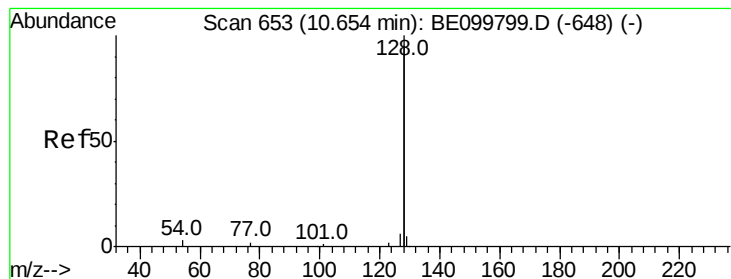


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.065 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.03 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

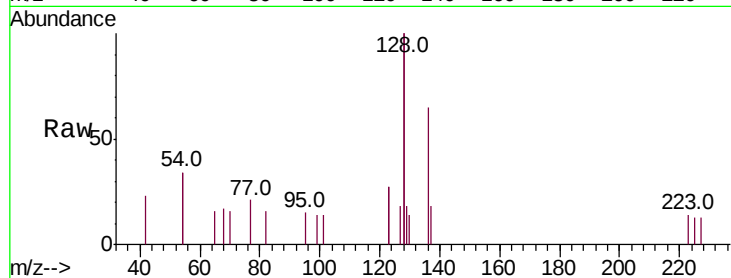
Tot Ion:128 Resp: 1849

Ion Ratio Lower Upper

128 100

129 9.1 2.6 4.0#

127 9.0 3.0 4.6#



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

10.68

800

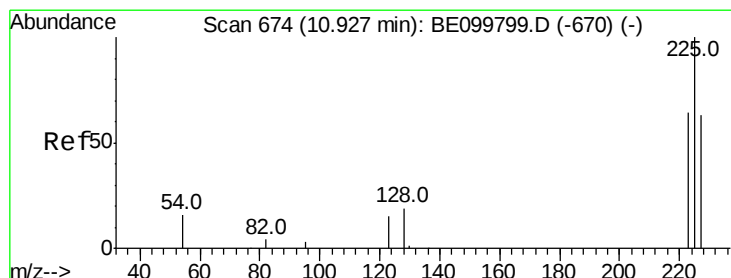
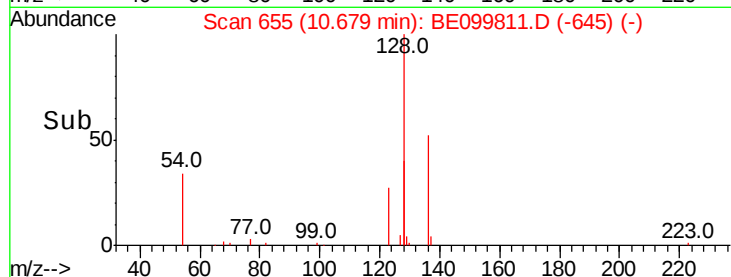
600

400

200

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.064 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

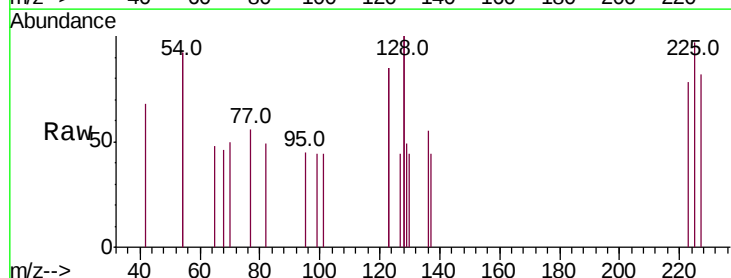
Tgt Ion:225 Resp: 138

Ion Ratio Lower Upper

225 100

223 63.0 48.6 72.8

227 70.3 51.6 77.4



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

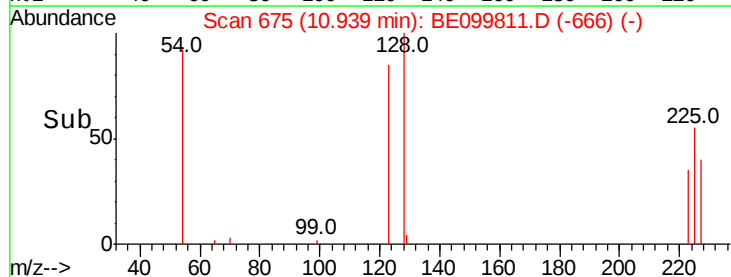
10.94

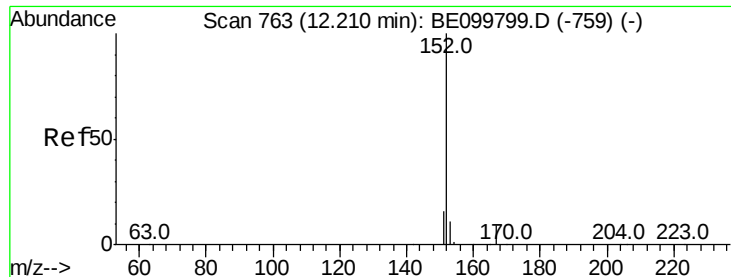
100

50

0

Time-->

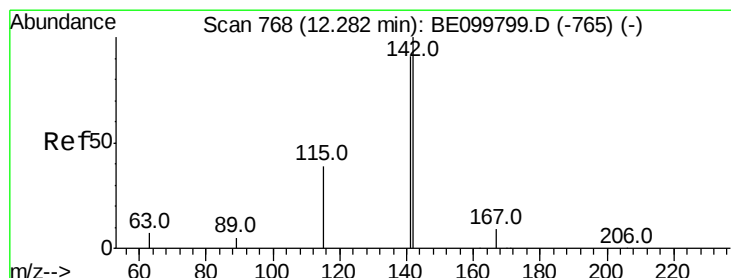
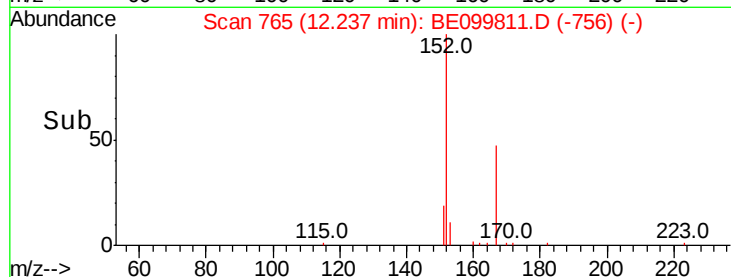
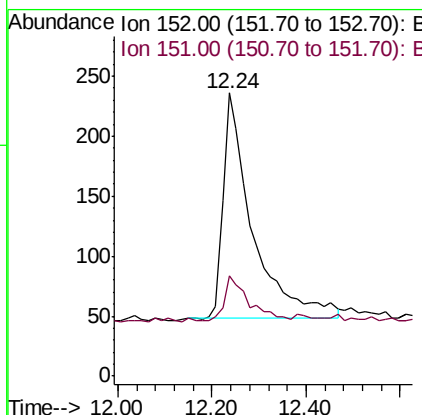
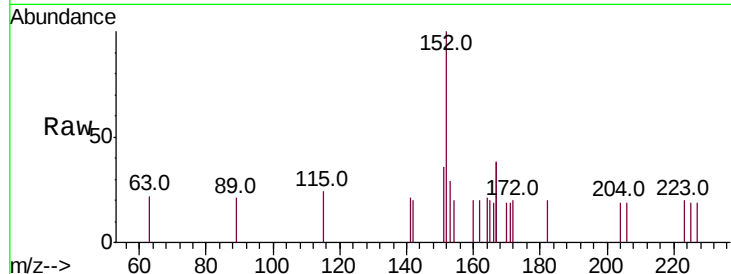




#11
2-Methylnaphthalene-d10
Concen: 0.178 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.03 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

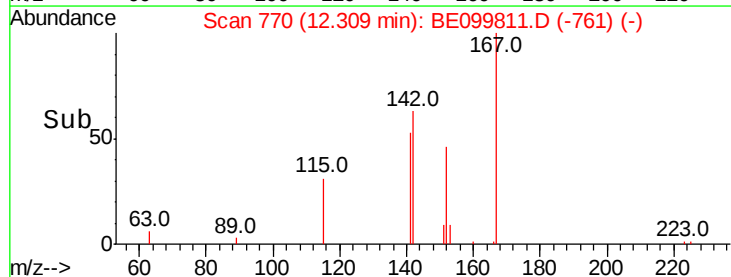
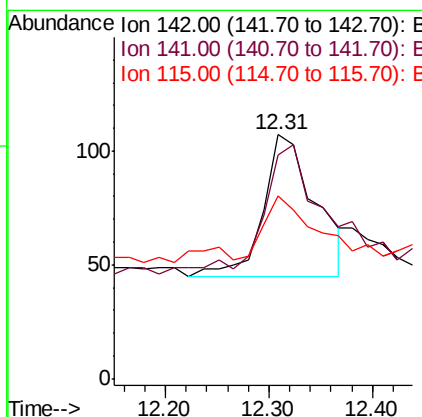
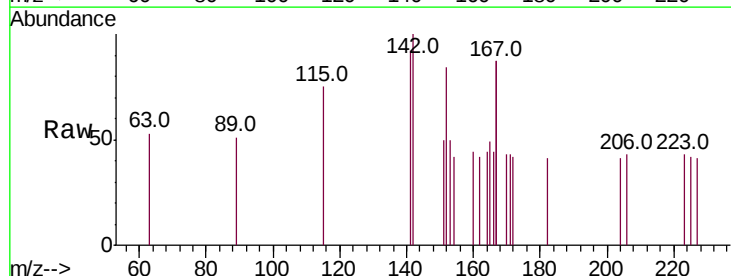
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

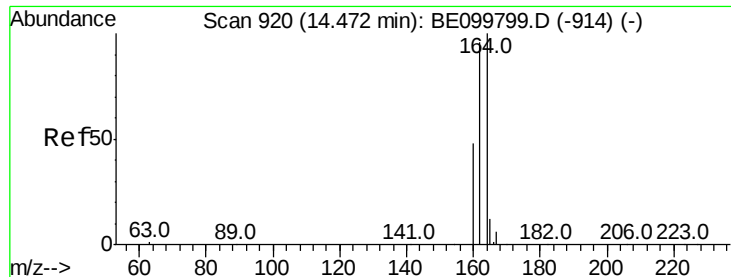
Tot Ion:152 Resp: 813
Ion Ratio Lower Upper
152 100
151 16.7 15.8 23.8



#12
2-Methylnaphthalene
Concen: 0.048 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.03 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

Tgt Ion:142 Resp: 218
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9
115 74.8 33.4 50.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.48 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

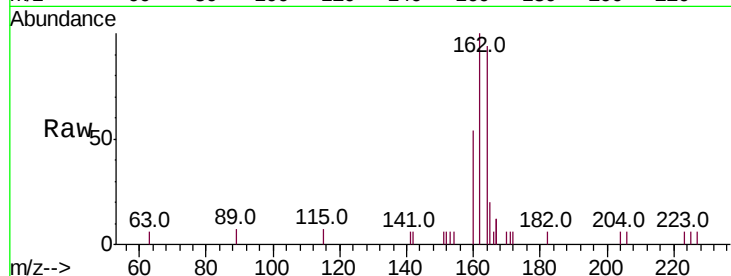
Tot Ion:164 Resp: 1843

Ion Ratio Lower Upper

164 100

162 106.1 77.2 115.8

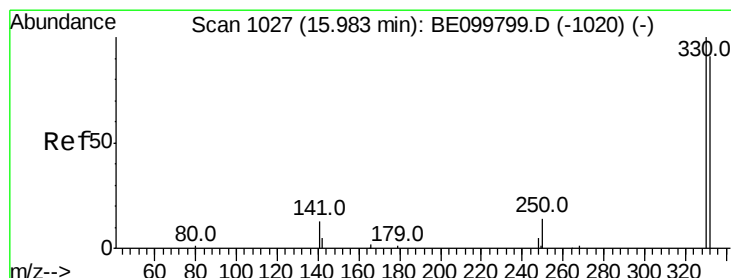
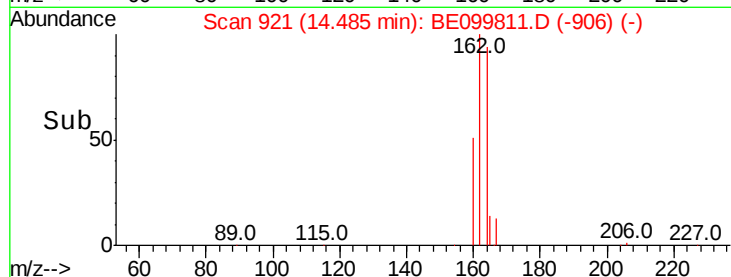
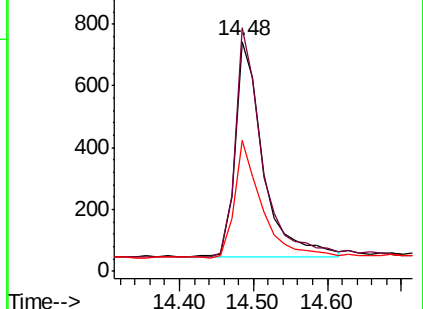
160 57.2 39.4 59.2



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: 0.364 ng

RT: 16.02 min Scan# 1030

Delta R.T. 0.04 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

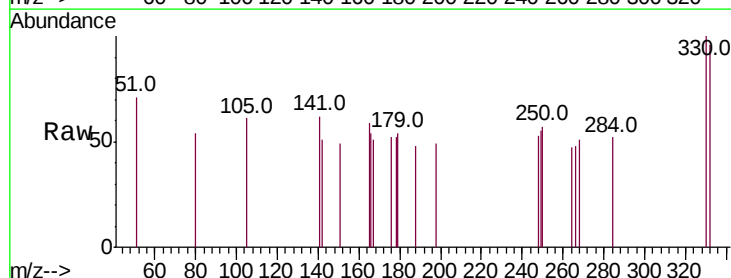
Tgt Ion:330 Resp: 321

Ion Ratio Lower Upper

330 100

332 90.3 74.9 112.3

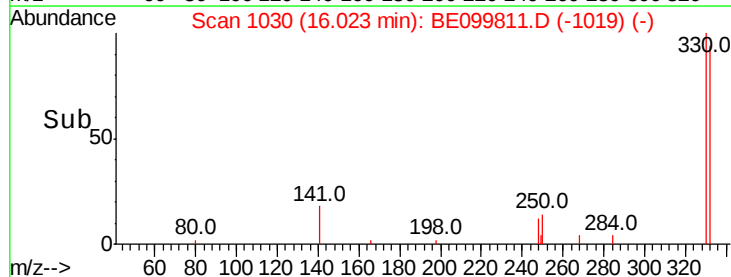
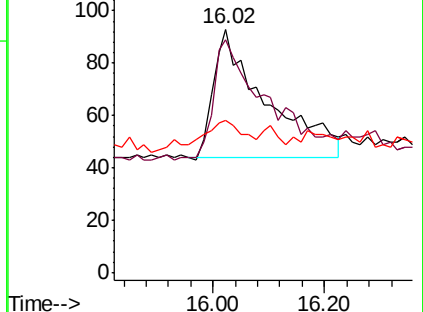
141 12.5 16.0 24.0#

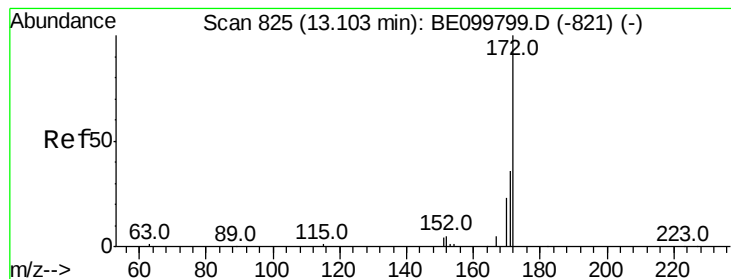


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

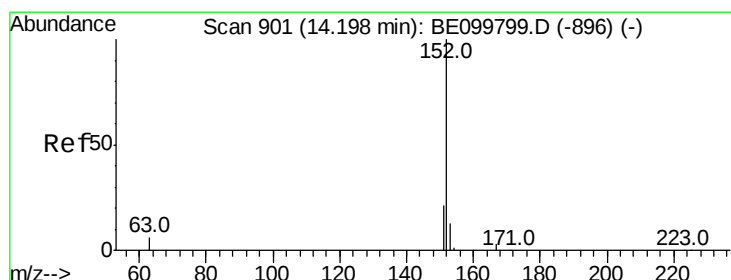
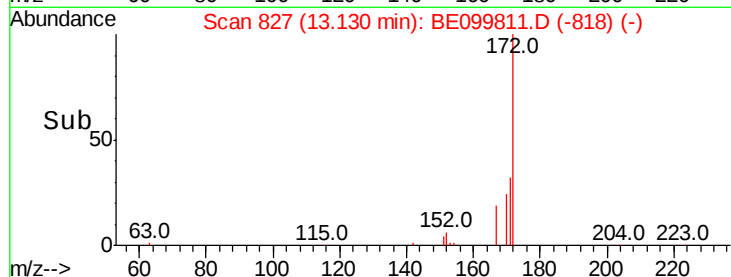
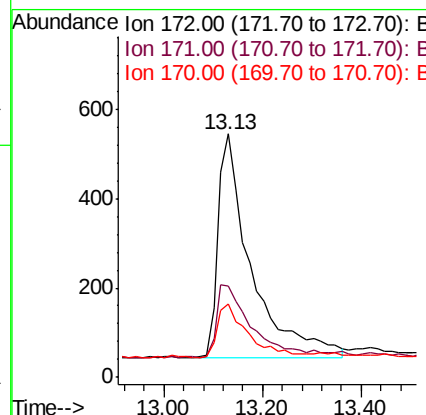
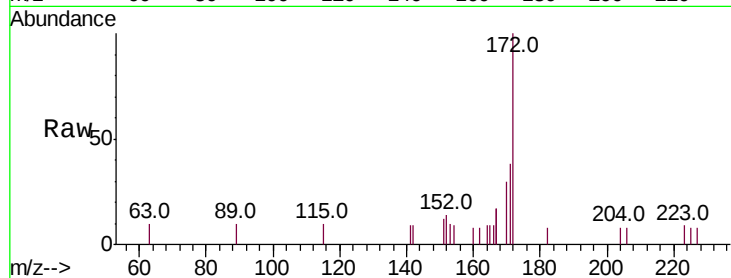




#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.03 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

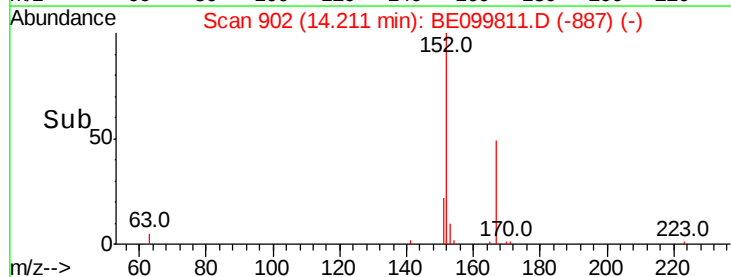
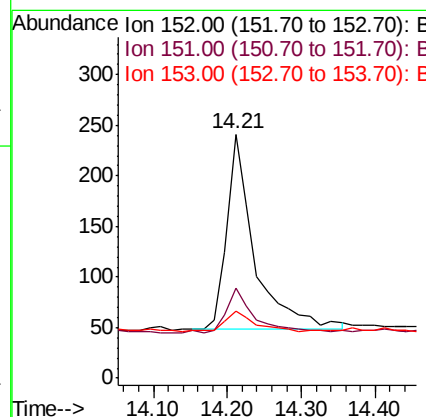
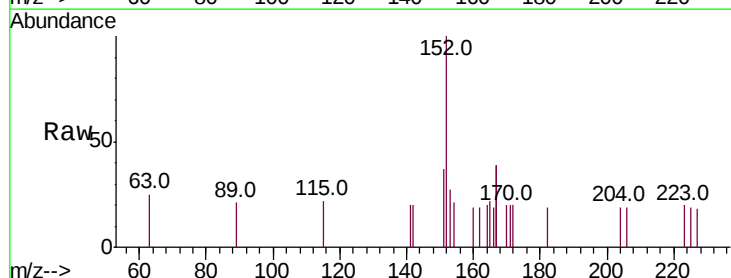
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

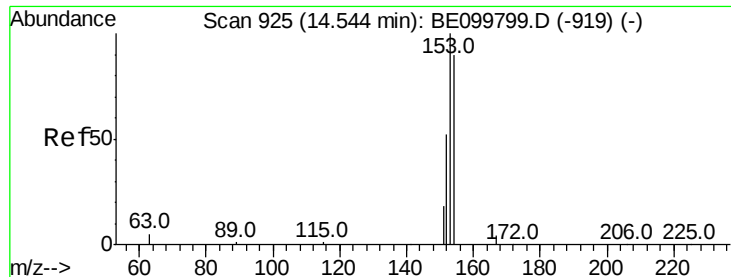
Tot Ion:172 Resp: 2292
Ion Ratio Lower Upper
172 100
171 37.7 30.2 45.4
170 30.3 20.1 30.1#



#16
Acenaphthylene
Concen: 0.056 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

Tgt Ion:152 Resp: 494
Ion Ratio Lower Upper
152 100
151 23.9 15.9 23.9#
153 11.7 10.8 16.2

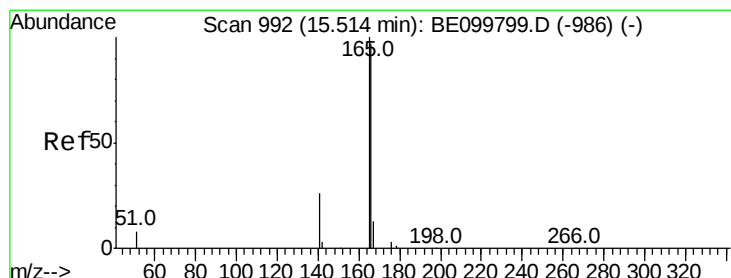
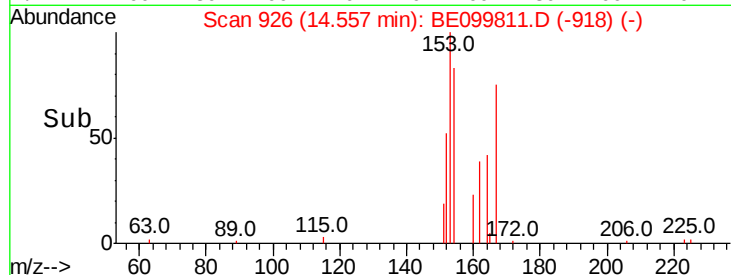
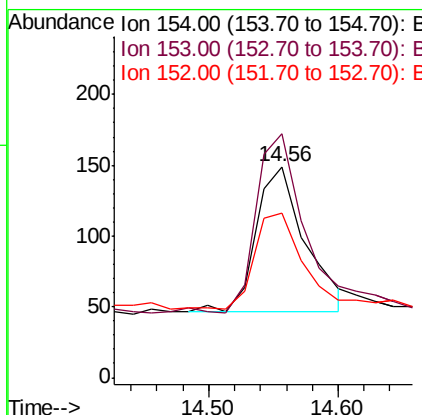
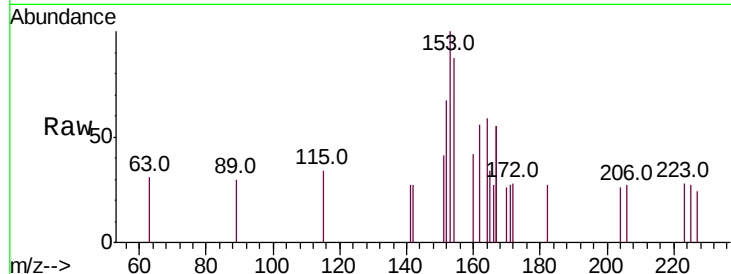




#17
Acenaphthene
Concen: 0.055 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.01 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

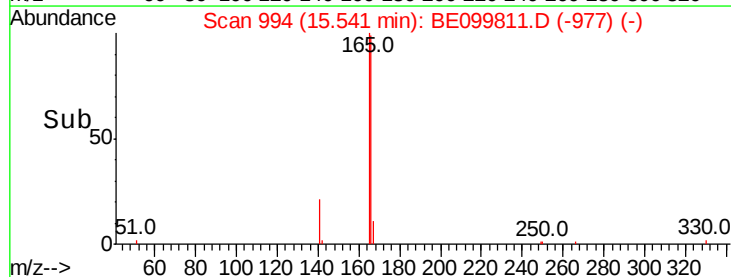
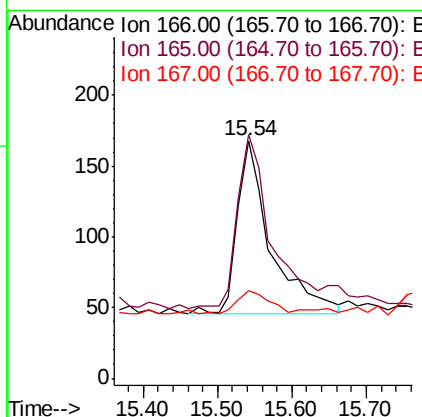
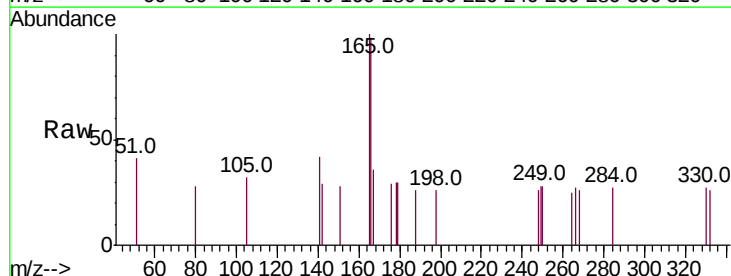
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

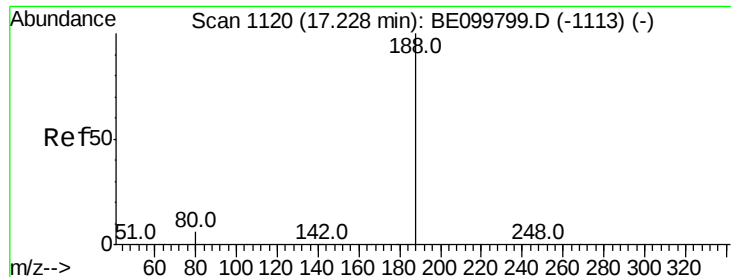
Tot Ion:154 Resp: 268
Ion Ratio Lower Upper
154 100
153 117.9 93.8 140.6
152 63.8 48.3 72.5



#18
Fluorene
Concen: 0.053 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.03 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

Tgt Ion:166 Resp: 377
Ion Ratio Lower Upper
166 100
165 113.3 80.4 120.6
167 12.5 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

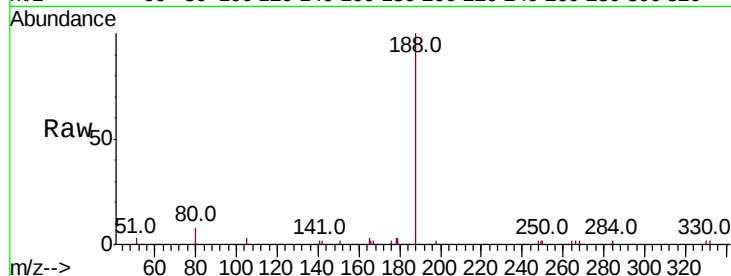
Tot Ion:188 Resp: 6472

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

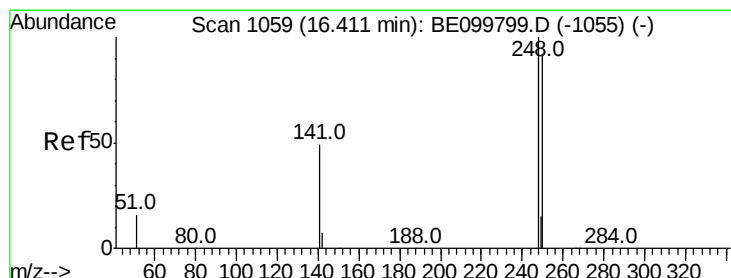
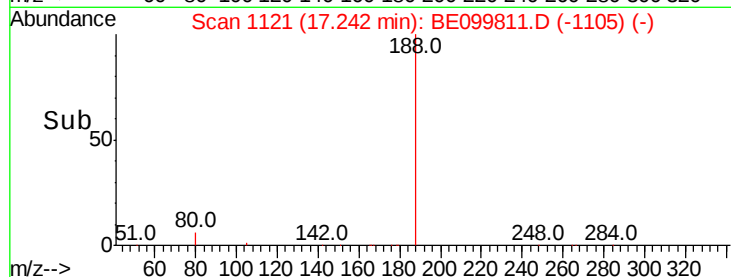
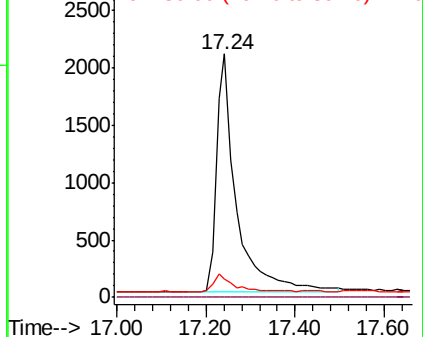
80 7.8 5.2 7.8



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: 0.039 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.03 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

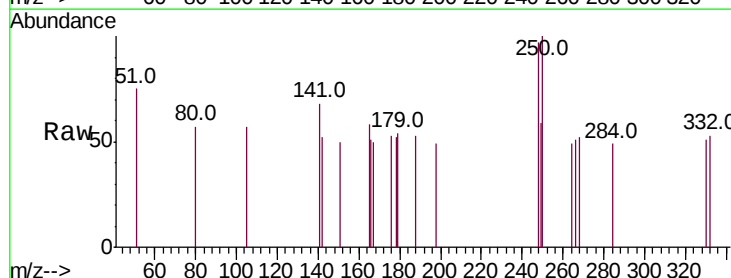
Tgt Ion:248 Resp: 140

Ion Ratio Lower Upper

248 100

250 103.4 73.7 110.5

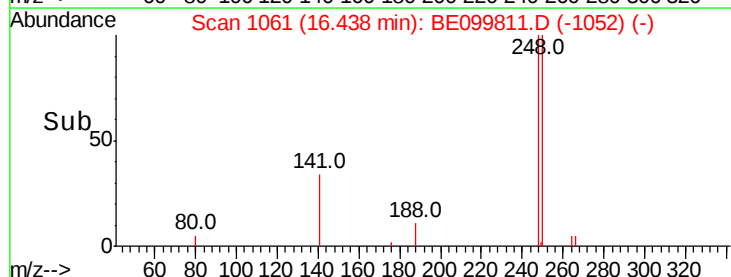
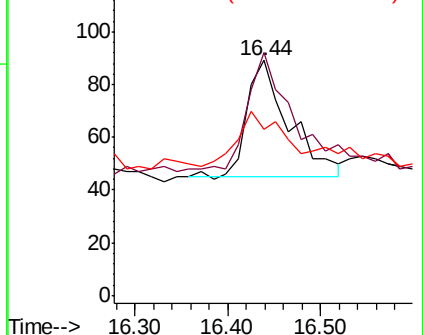
141 70.8 40.9 61.3#

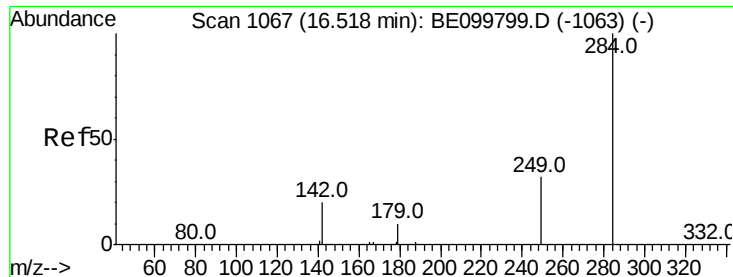


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.055 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

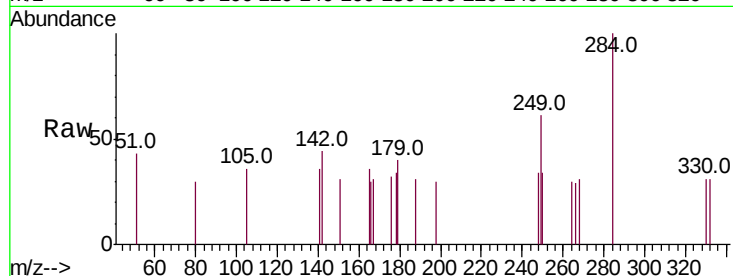
Tot Ion:284 Resp: 216

Ion Ratio Lower Upper

284 100

142 23.6 16.2 24.4

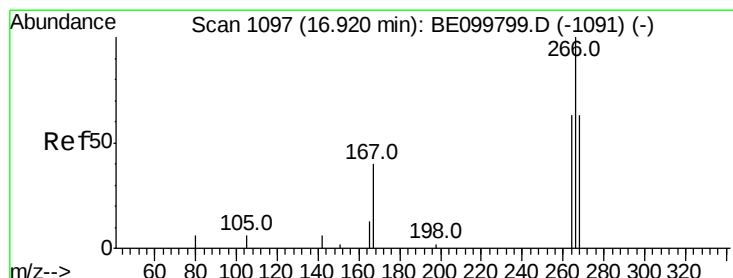
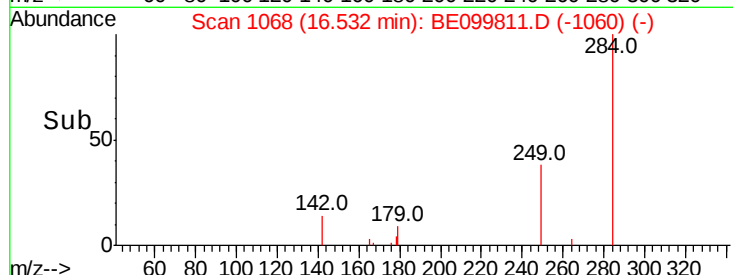
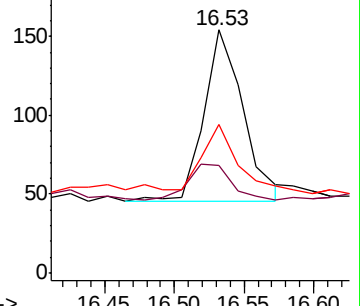
249 31.0 23.1 34.7



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: 0.284 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

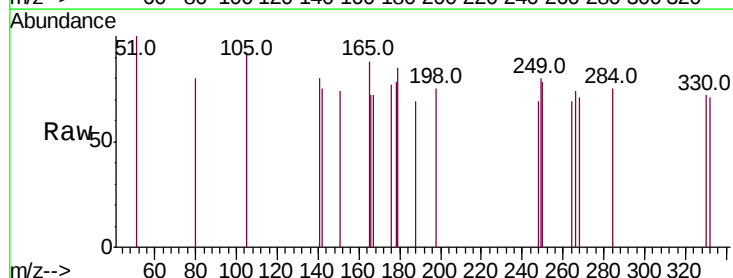
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 64.9 97.3

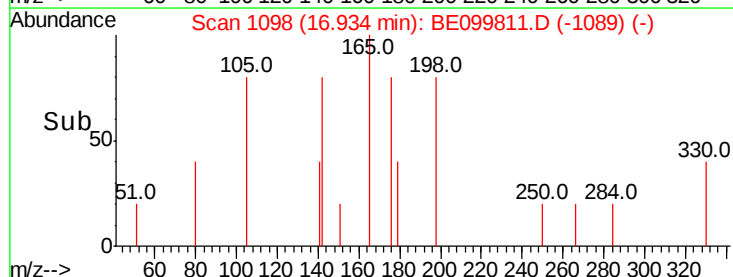
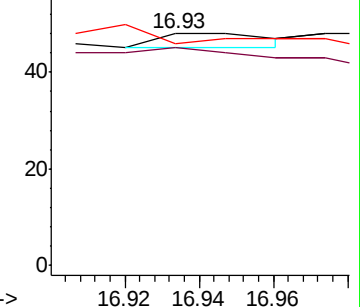
268 95.8 64.0 96.0

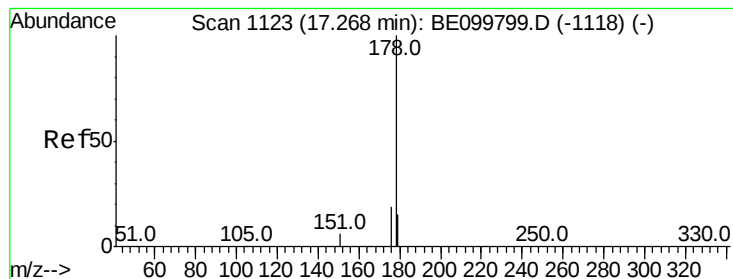


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.055 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.11 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

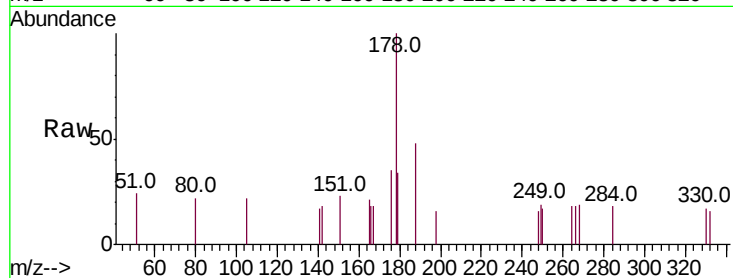
Tot Ion:178 Resp: 846

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 13.1 12.5 18.7



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

400

300

200

100

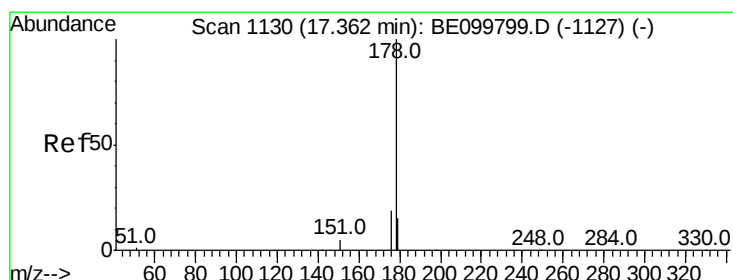
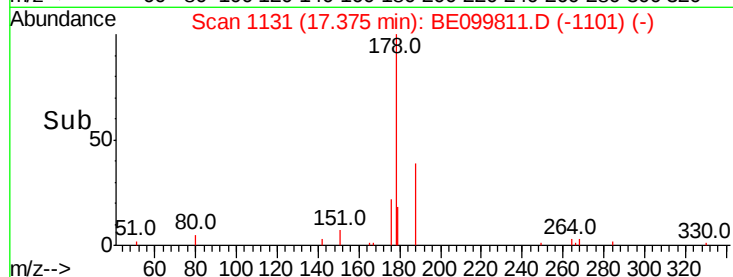
0

17.38

17.40

17.60

Time-->



#24

Anthracene

Concen: 0.040 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

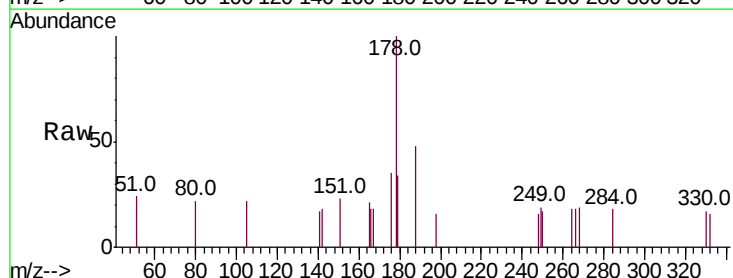
Tgt Ion:178 Resp: 556

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

179 14.6 12.1 18.1



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

400

300

200

100

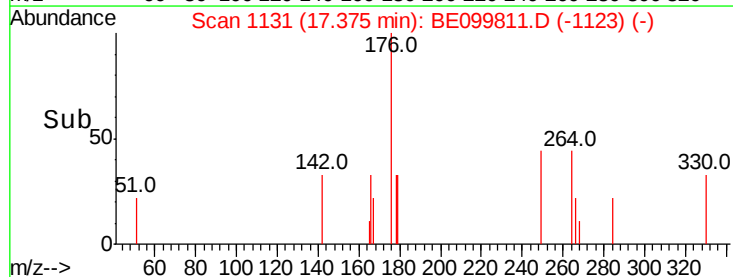
0

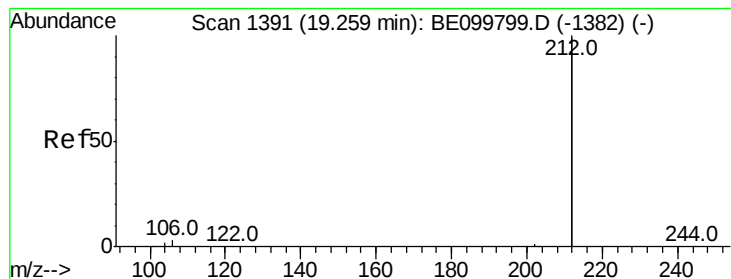
17.38

17.40

17.50

Time-->





#25

Fluoranthene-d10

Concen: 0.189 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

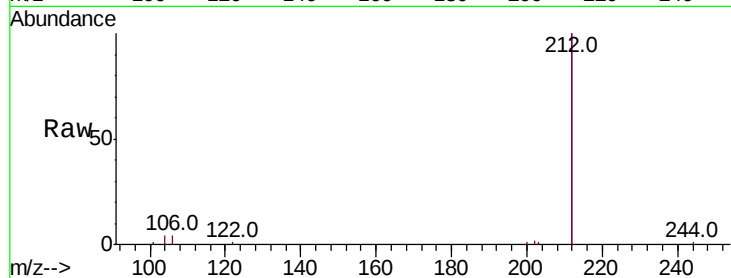
Tot Ion:212 Resp: 18167

Ion Ratio Lower Upper

212 100

106 1.6 1.4 2.0

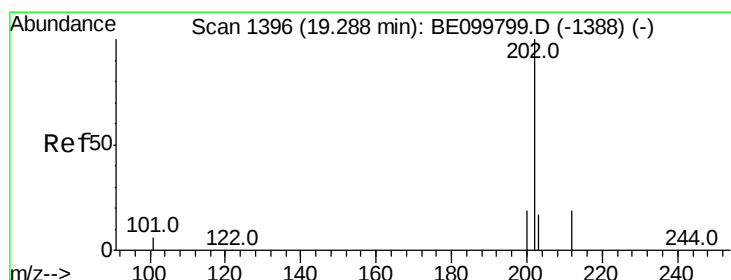
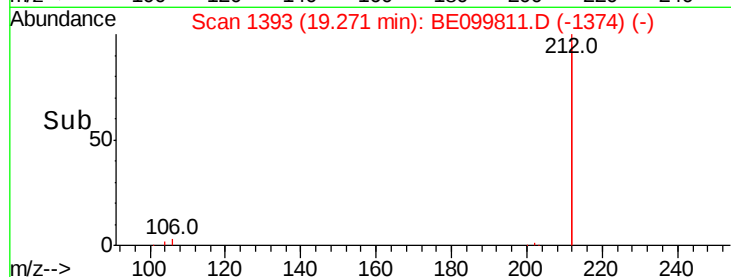
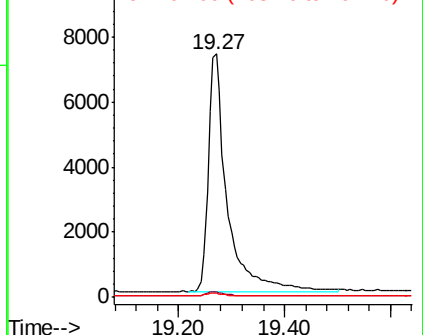
104 1.0 0.8 1.2



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: 0.059 ng

RT: 19.30 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

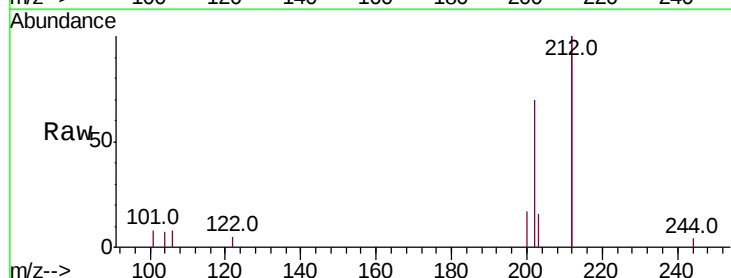
Tgt Ion:202 Resp: 1587

Ion Ratio Lower Upper

202 100

101 6.1 5.2 7.8

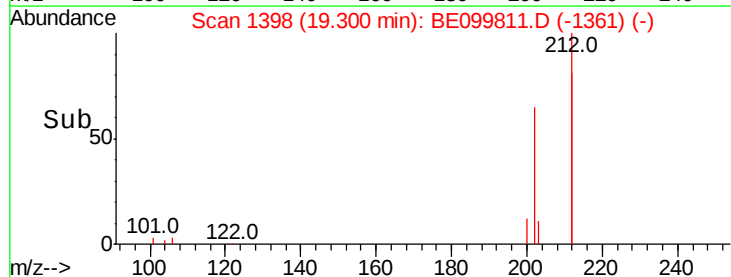
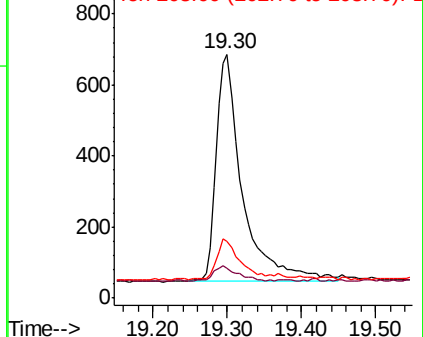
203 15.4 13.6 20.4

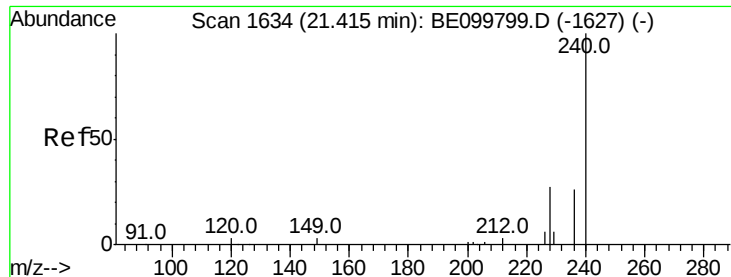


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

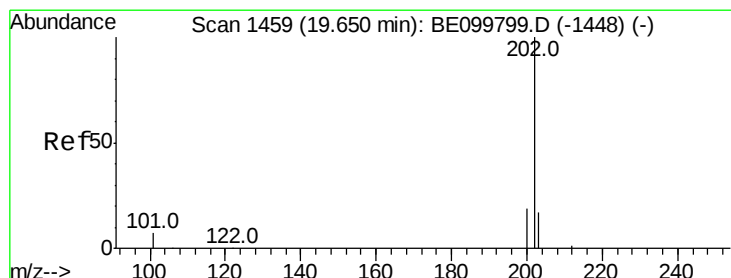
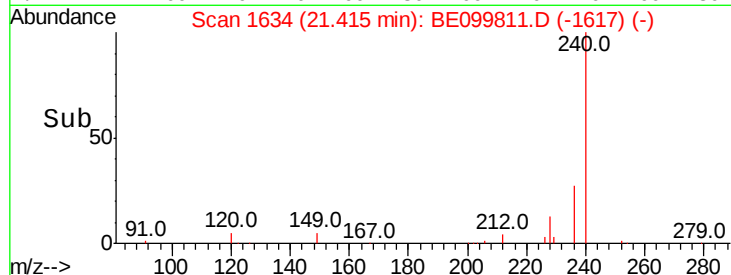
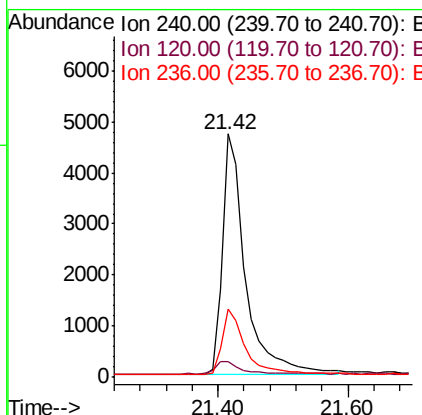
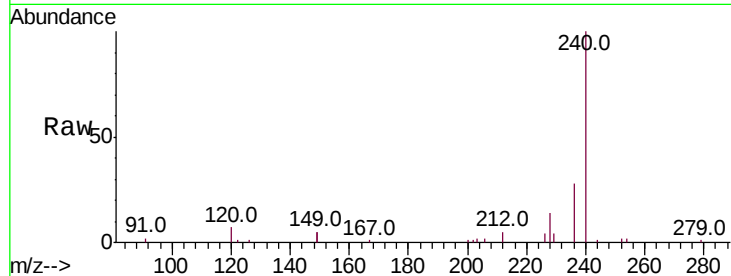




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

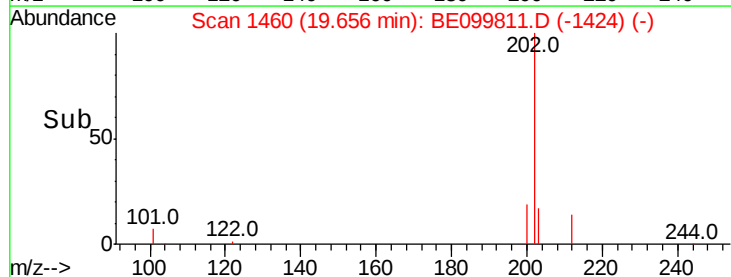
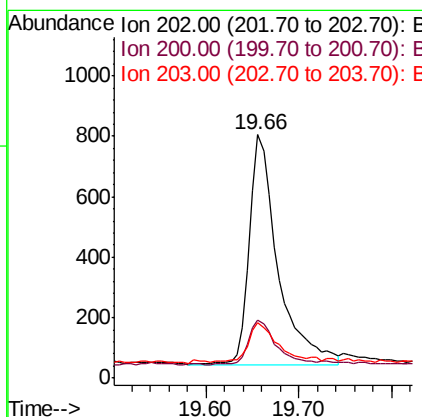
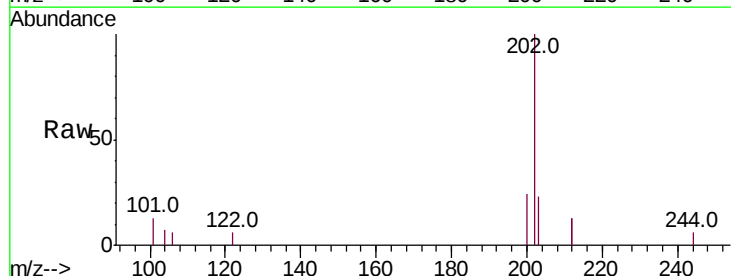
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

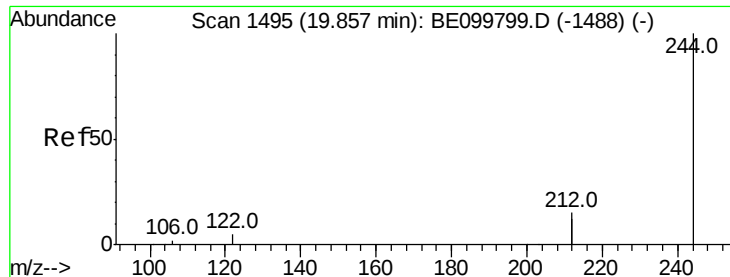
Tot Ion:240 Resp: 11862
Ion Ratio Lower Upper
240 100
120 6.6 2.8 4.2#
236 27.8 20.9 31.3



#28
Pyrene
Concen: 0.057 ng
RT: 19.66 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

Tgt Ion:202 Resp: 1622
Ion Ratio Lower Upper
202 100
200 19.1 15.6 23.4
203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 0.367 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

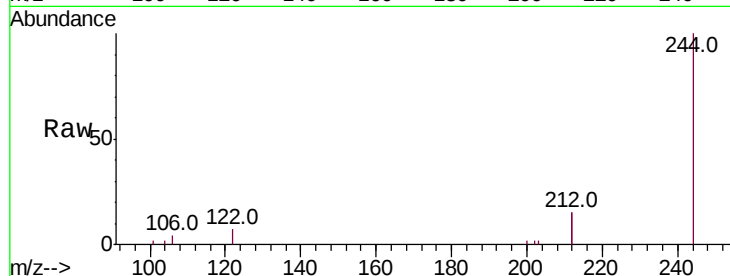
Tot Ion:244 Resp: 7136

Ion Ratio Lower Upper

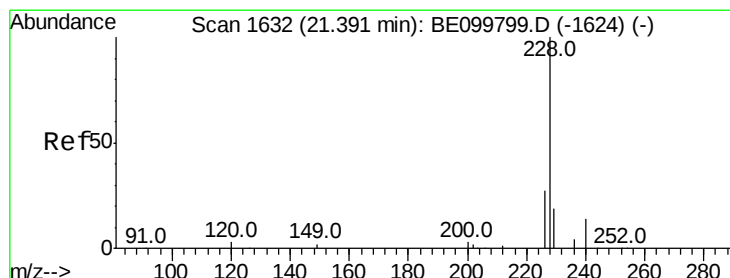
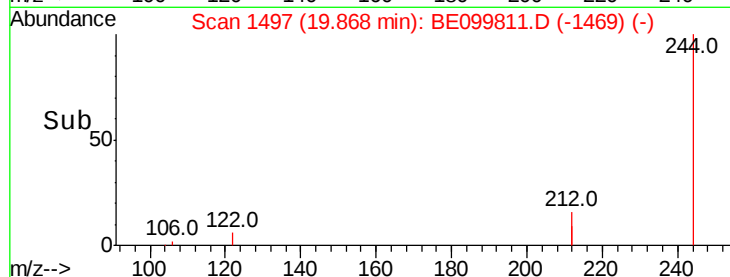
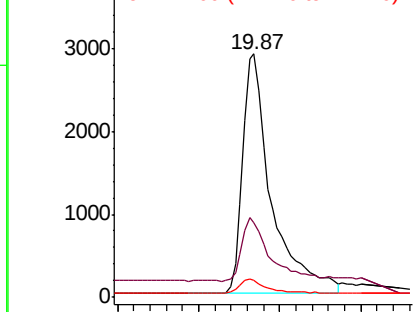
244 100

212 30.8 23.7 35.5

122 7.2 4.8 7.2#



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: 0.051 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

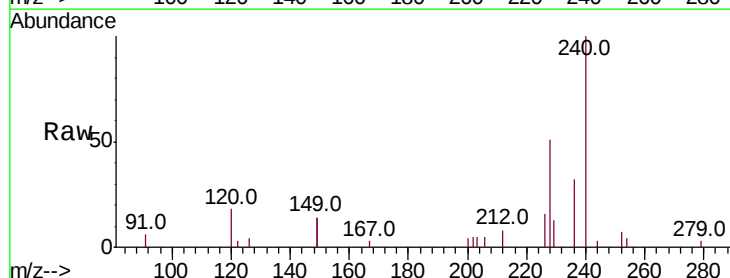
Tgt Ion:228 Resp: 1669

Ion Ratio Lower Upper

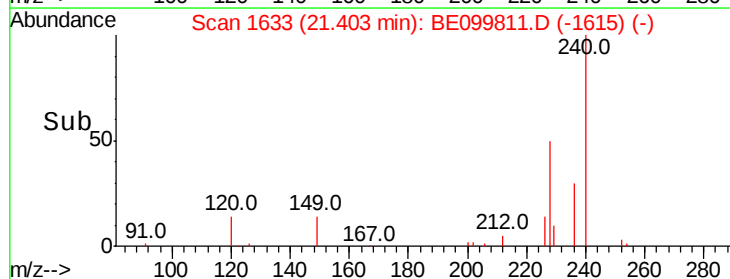
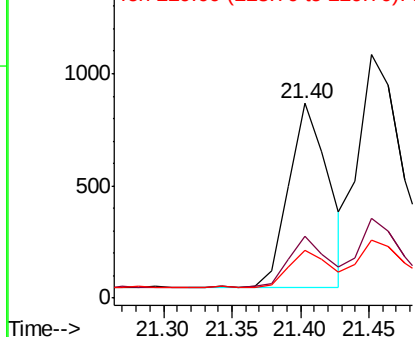
228 100

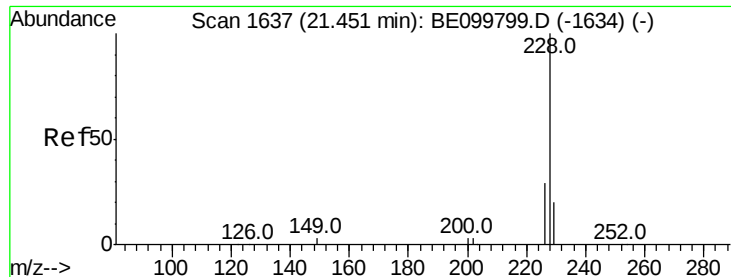
226 31.9 21.6 32.4

229 24.6 15.8 23.6#



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: 0.061 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

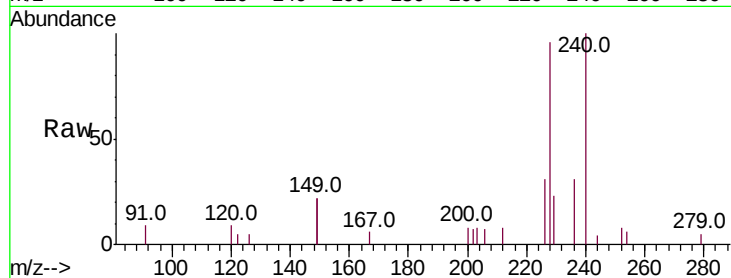
BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:228 Resp: 2223

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.9	34.3
229	24.0	16.4	24.6

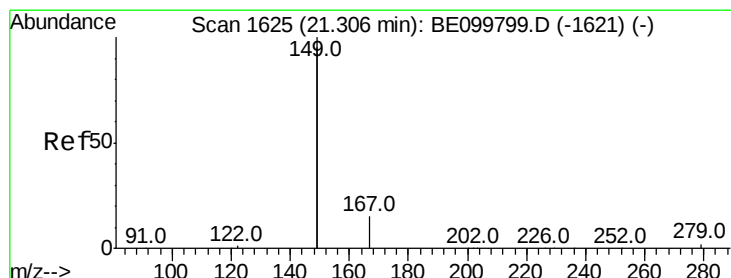
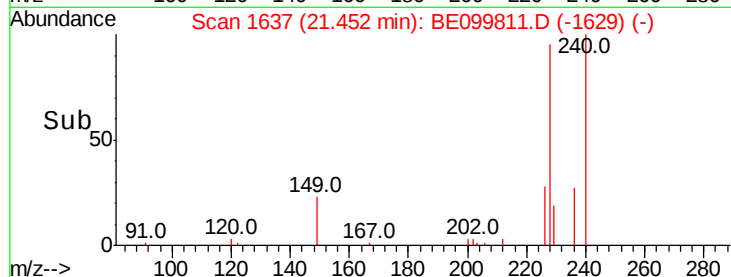
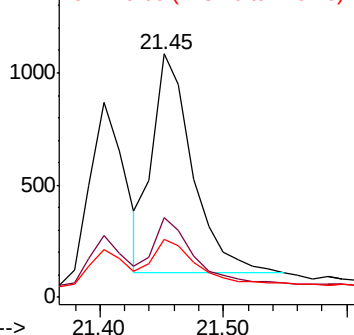


Abundance

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: 0.054 ng

RT: 21.31 min Scan# 1625

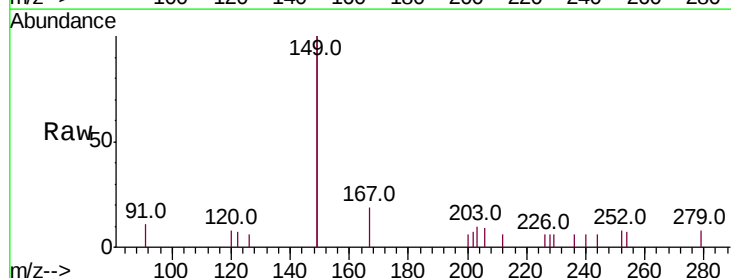
Delta R.T. 0.00 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Tgt Ion:149 Resp: 2018

Ion	Ratio	Lower	Upper
149	100		
167	8.1	6.0	9.0
279	1.9	1.2	1.8#

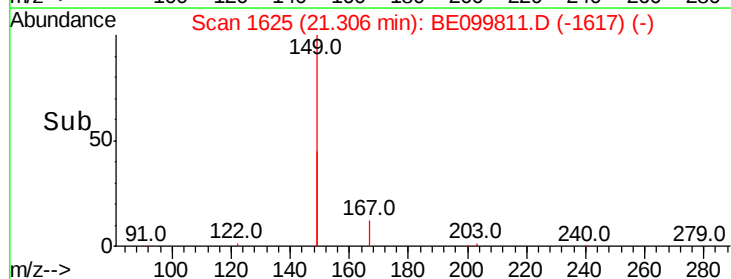
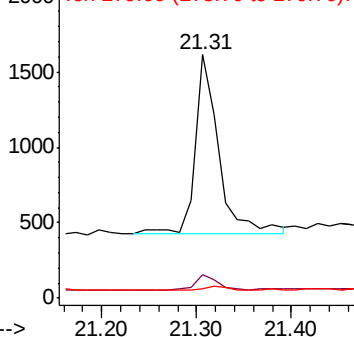


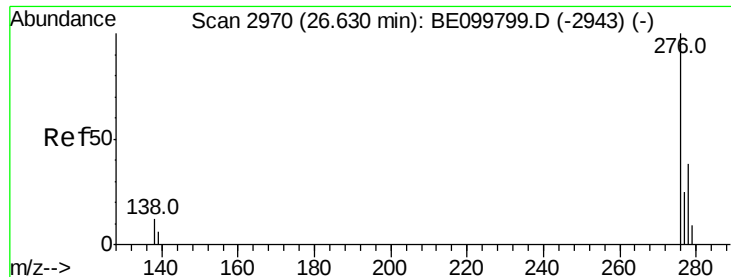
Abundance

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: 0.058 ng

RT: 26.65 min Scan# 2976

Delta R.T. 0.02 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

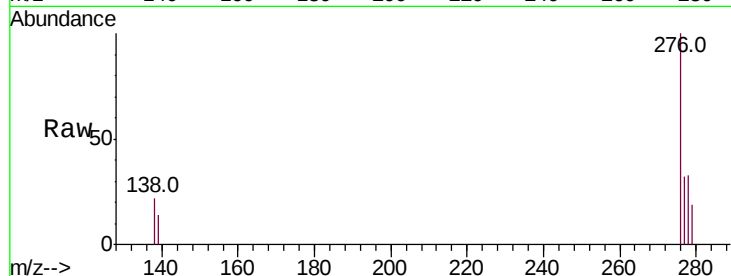
Tot Ion:276 Resp: 2515

Ion Ratio Lower Upper

276 100

138 1.7 10.3 15.5#

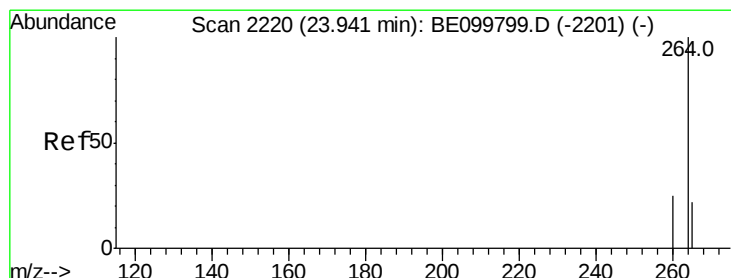
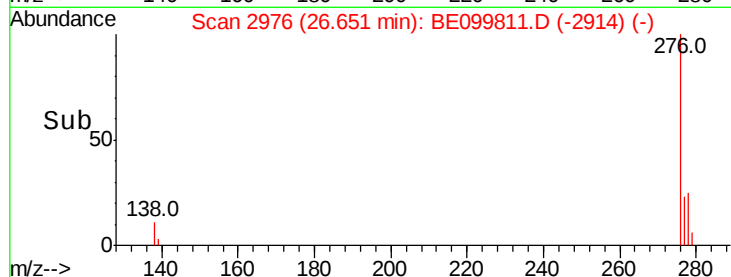
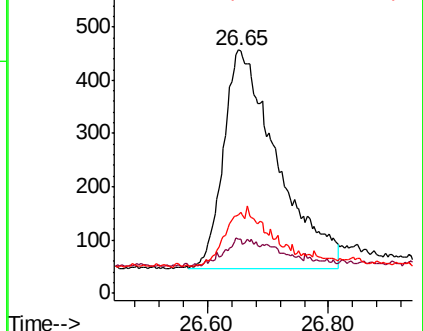
277 9.8 19.4 29.2#



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: 23.95 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

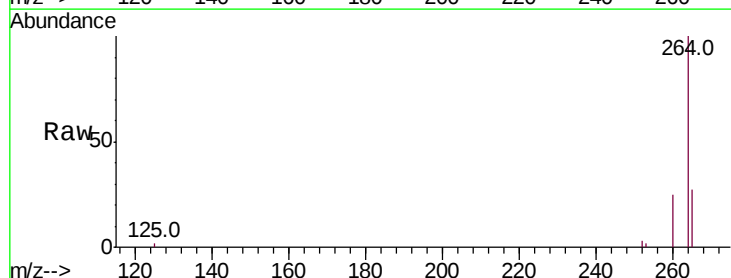
Tgt Ion:264 Resp: 14373

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

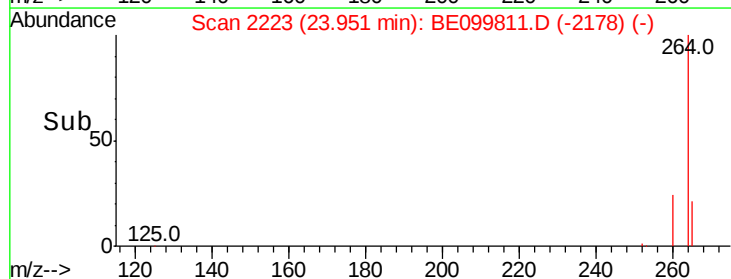
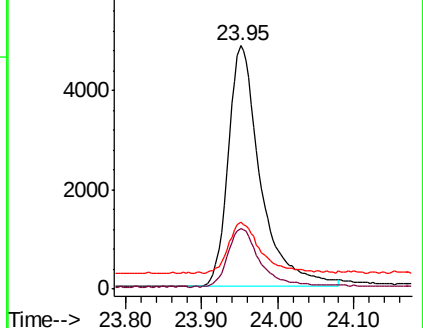
265 27.4 20.7 31.1

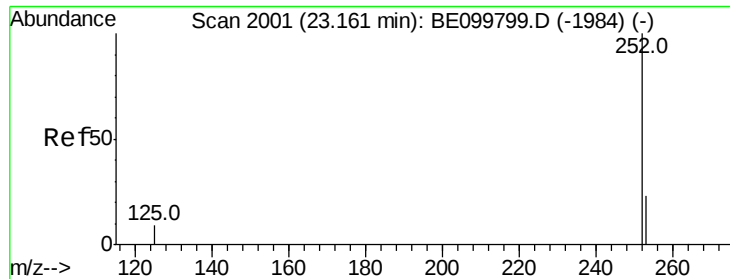


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

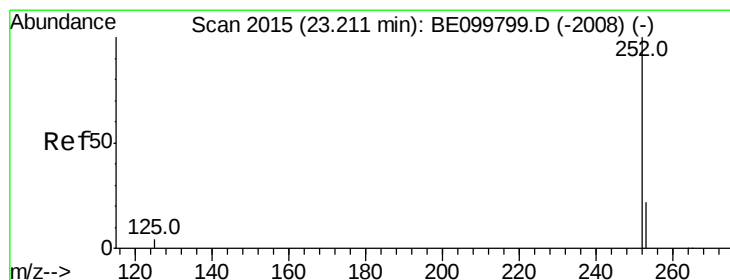
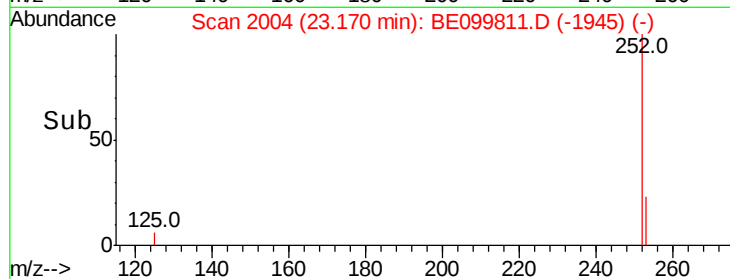
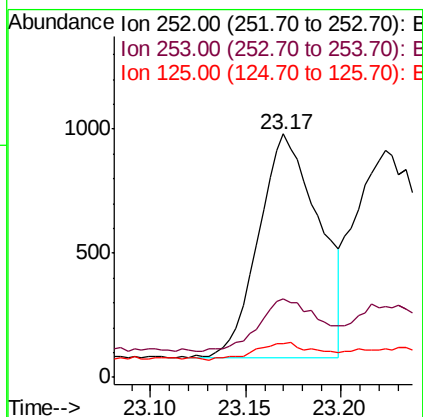
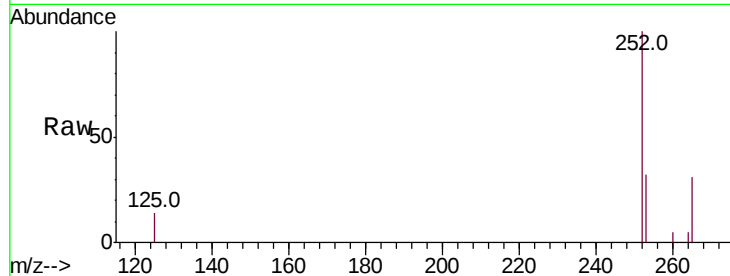




#35
Benzo(b)fluoranthene
Concen: 0.050 ng
RT: 23.17 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

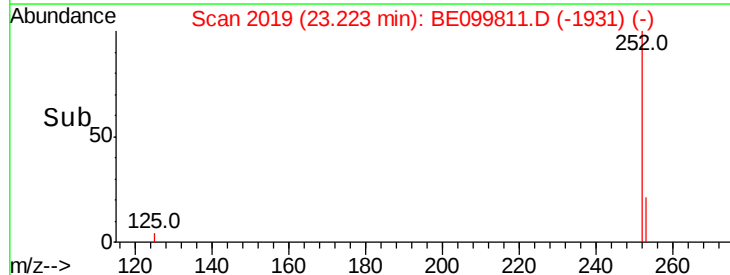
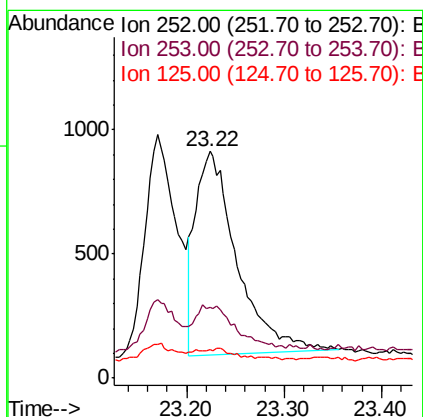
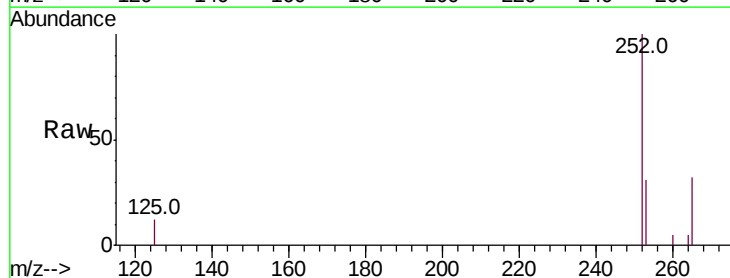
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

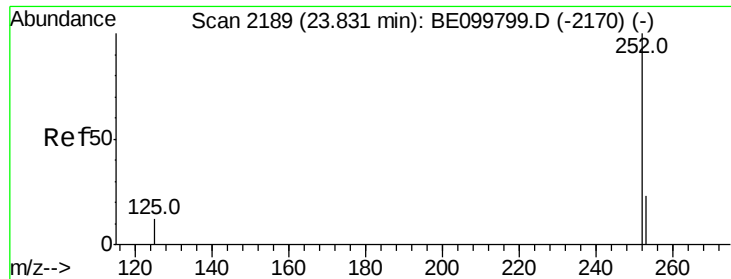
Tot Ion:252 Resp: 1998
Ion Ratio Lower Upper
252 100
253 32.0 18.9 28.3#
125 13.8 7.6 11.4#



#36
Benzo(k)fluoranthene
Concen: 0.057 ng
RT: 23.22 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

Tgt Ion:252 Resp: 2411
Ion Ratio Lower Upper
252 100
253 31.1 18.4 27.6#
125 12.5 4.6 7.0#

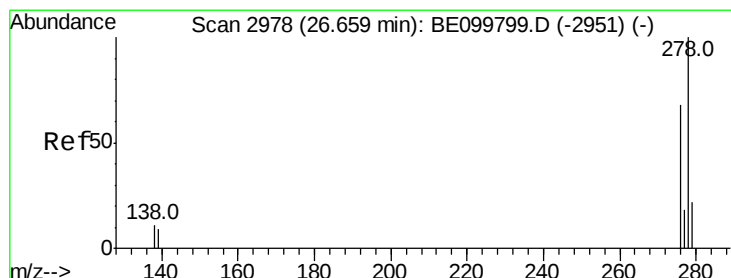
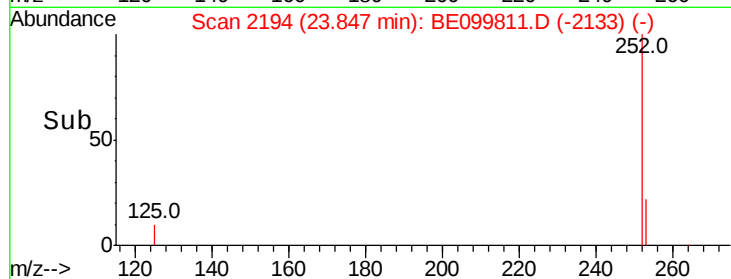
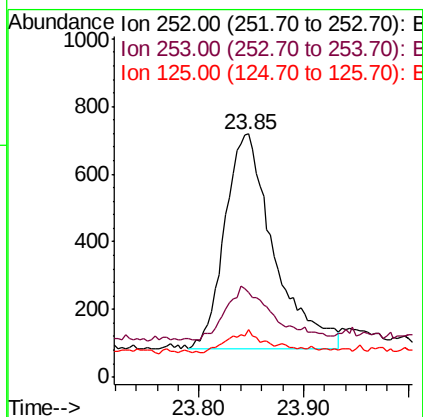
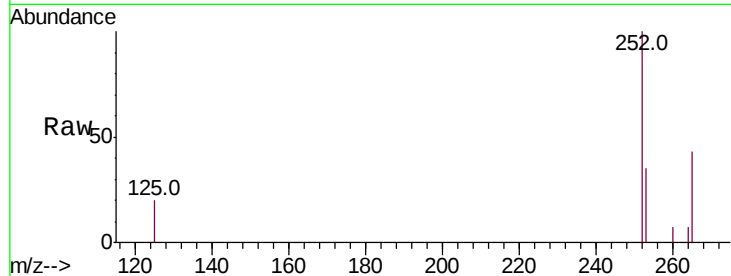




#37
Benzo(a)pyrene
Concen: 0.054 ng
RT: 23.85 min Scan# 2194
Delta R.T. 0.02 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

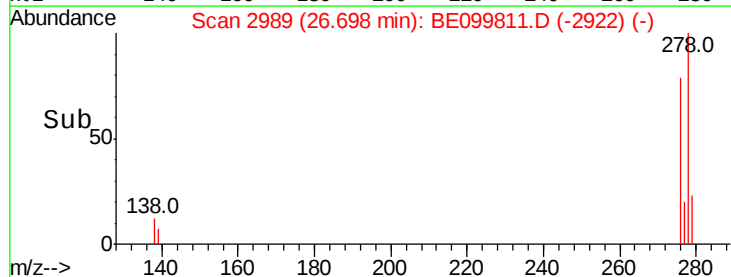
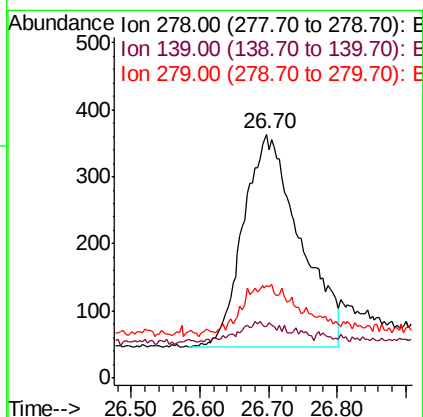
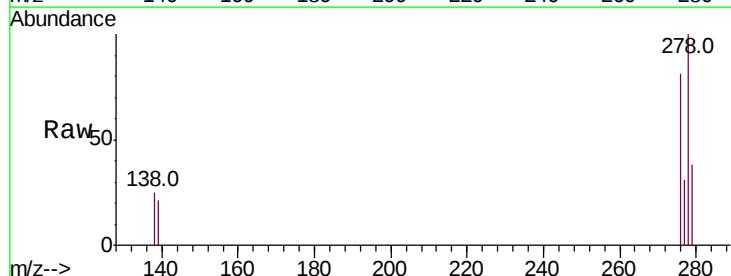
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

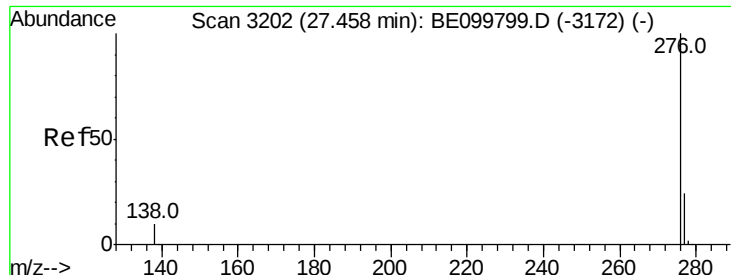
Tot Ion:252 Resp: 2065
Ion Ratio Lower Upper
252 100
253 34.6 19.3 28.9#
125 19.6 10.2 15.4#



#38
Dibenzo(a,h)anthracene
Concen: 0.046 ng
RT: 26.70 min Scan# 2989
Delta R.T. 0.04 min
Lab File: BE099811.D
Acq: 5 Jun 2019 19:39

Tgt Ion:278 Resp: 1815
Ion Ratio Lower Upper
278 100
139 21.2 7.9 11.9#
279 37.7 18.5 27.7#





#39

Benzo(a,h,i)perylene

Concen: 0.057 ng

RT: 27.48 min Scan# 3209

Delta R.T. 0.02 min

Lab File: BE099811.D

Acq: 5 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

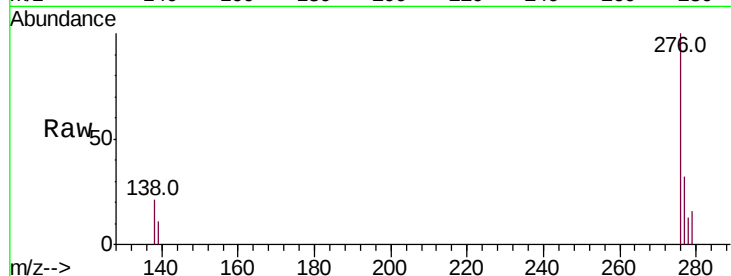
Tot Ion:276 Resp: 2333

Ion Ratio Lower Upper

276 100

277 32.3 19.6 29.4#

138 20.7 9.0 13.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

