

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030118\
 Data File : BN000223.D
 Acq On : 01 Mar 2018 18:30
 Operator : JU/SJ
 Sample : J1161-08
 Misc : L00 0.2 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2018

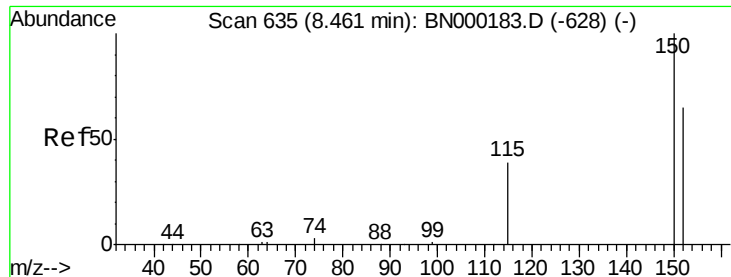
Quant Time: Mar 02 09:01:42 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 15:07:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5883	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	22050	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	11095	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	25926	0.40	ng	0.00
27) Chrysene-d12	21.89	240	19951	0.40	ng	0.00
34) Perylene-d12	24.37	264	16104	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	3847	0.31	ng	0.00
5) Phenol-d6	7.57	99	4757	0.30	ng	0.00
8) Nitrobenzene-d5	9.63	82	3819	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	10750	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.54	330	1011	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	16923	0.32	ng	0.00
25) Fluoranthene-d10	19.77	212	20062	0.29	ng	0.00
29) Terphenyl-d14	20.33	244	12219	0.35	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	1116	0.183	ng	94
3) n-Nitrosodimethylamine	4.04	42	456	0.184	ng	# 94
6) bis(2-Chloroethyl)ether	7.85	93	3372	0.168	ng	99
9) Naphthalene	11.34	128	11137	0.173	ng	96
10) Hexachlorobutadiene	11.62	225	1851	0.169	ng	99
12) 2-Methylnaphthalene	12.92	142	7123	0.169	ng	99
16) Acenaphthylene	14.79	152	7766	0.149	ng	100
17) Acenaphthene	15.12	154	6865	0.166	ng	96
18) Fluorene	16.09	166	8424	0.164	ng	# 79
20) 4-Bromophenyl-phenylether	16.96	248	2332	0.156	ng	# 67
21) Hexachlorobenzene	17.09	284	3261	0.163	ng	96
22) Pentachlorophenol	17.43	266	571	0.186	ng	94
23) Phenanthrene	17.82	178	14740	0.162	ng	98
24) Anthracene	17.91	178	10013	0.145	ng	95
26) Fluoranthene	19.80	202	14148	0.150	ng	# 96
28) Pyrene	20.15	202	14321	0.183	ng	99
30) Benzo(a)anthracene	21.87	228	10032	0.160	ng	97
31) Chrysene	21.93	228	12731	0.173	ng	98
32) Bis(2-ethylhexyl)phthalate	21.76	149	3958	0.169	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.92	276	10795	0.157	ng	# 90
35) Benzo(b)fluoranthene	23.61	252	12601	0.171	ng	99
36) Benzo(k)fluoranthene	23.66	252	11843	0.165	ng	# 82
37) Benzo(a)pyrene	24.26	252	9305	0.155	ng	# 79
38) Dibenzo(a,h)anthracene	26.93	278	8323	0.156	ng	# 88
39) Benzo(g,h,i)perylene	27.70	276	10328	0.164	ng	# 83

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

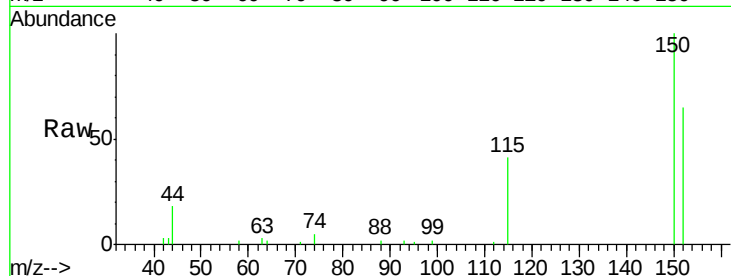


#1

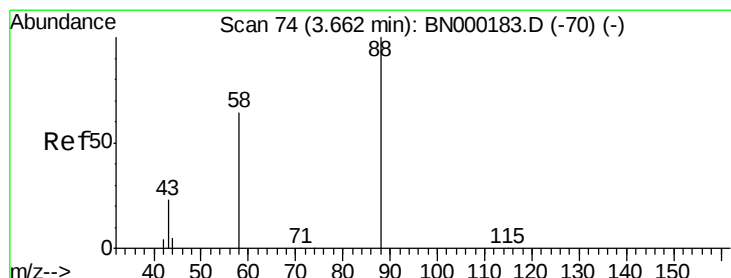
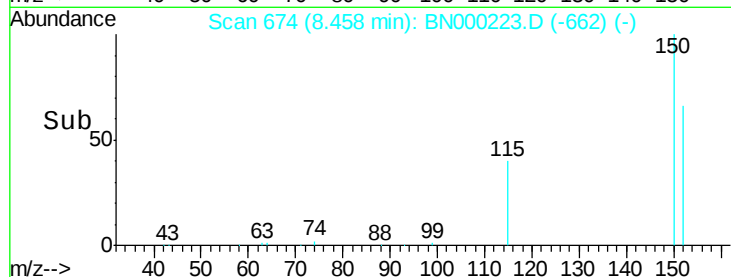
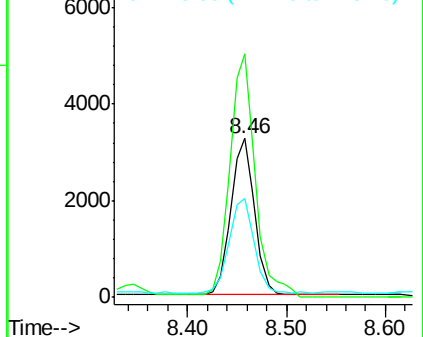
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 674
Delta R.T. -0.00 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2018

Tot Ion:152 Resp: 5883
Ion Ratio Lower Upper
152 100
150 153.3 117.2 175.8
115 62.3 57.0 85.6



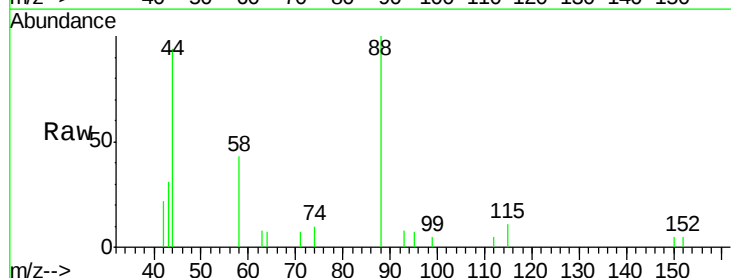
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



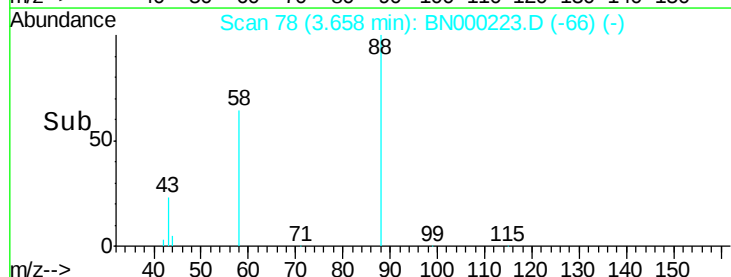
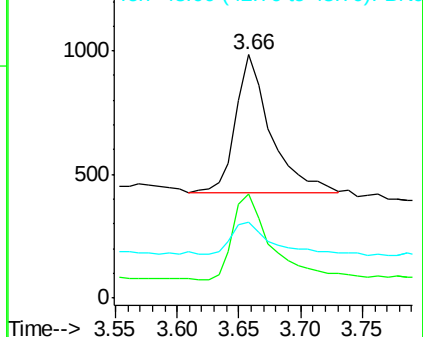
#2

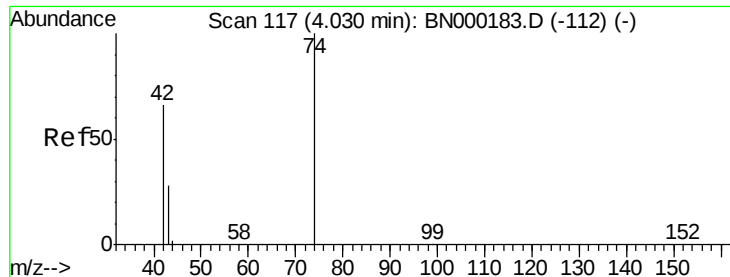
1,4-Dioxane
Concen: 0.183 ng
RT: 3.66 min Scan# 78
Delta R.T. -0.00 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion: 88 Resp: 1116
Ion Ratio Lower Upper
88 100
58 65.9 48.0 72.0
43 25.4 20.0 30.0



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



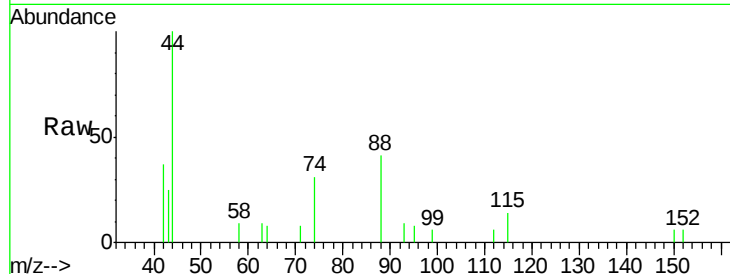


#3

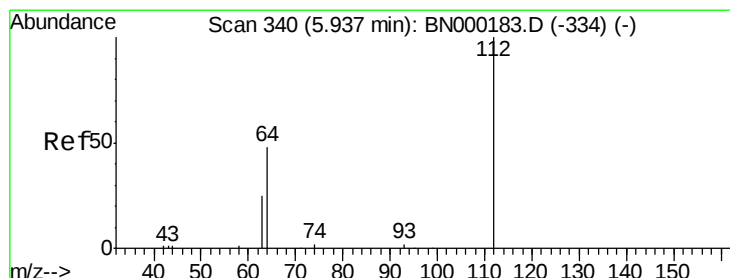
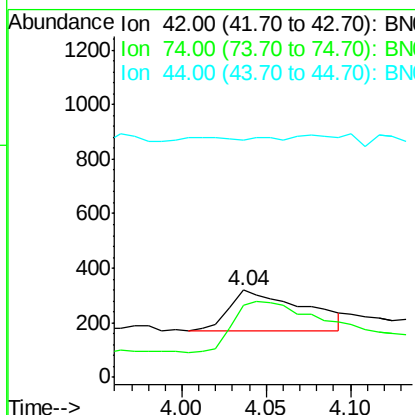
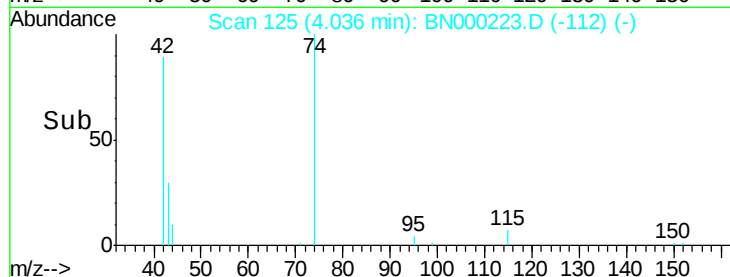
n-Nitrosodimethylamine
 Concen: 0.184 ng
 RT: 4.04 min Scan# 125
 Delta R.T. 0.01 min
 Lab File: BN000223.D
 Acq: 01 Mar 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2018

Tot Ion: 42 Resp: 456
 Ion Ratio Lower Upper
 42 100
 74 142.5 120.0 180.0
 44 0.0 4.0 6.0#



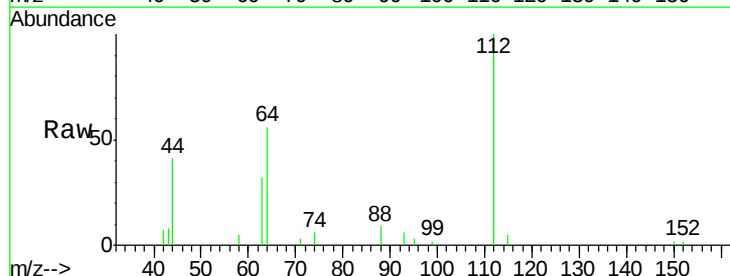
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



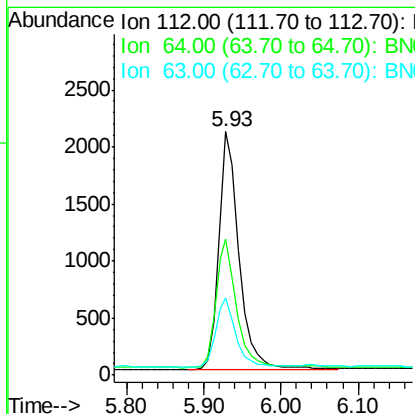
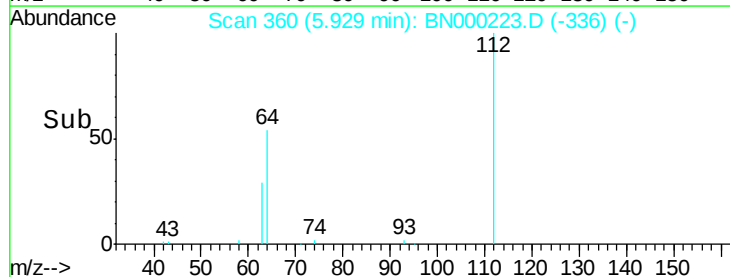
#4

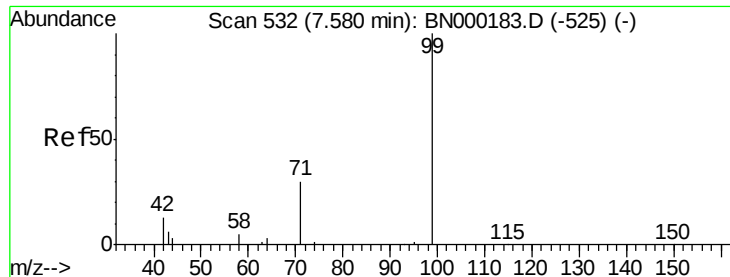
2-Fluorophenol
 Concen: 0.310 ng
 RT: 5.93 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: BN000223.D
 Acq: 01 Mar 2018 18:30

Tgt Ion: 112 Resp: 3847
 Ion Ratio Lower Upper
 112 100
 64 55.5 60.1 90.1#
 63 28.4 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.301 ng

RT: 7.57 min Scan# 564

Delta R.T. -0.01 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

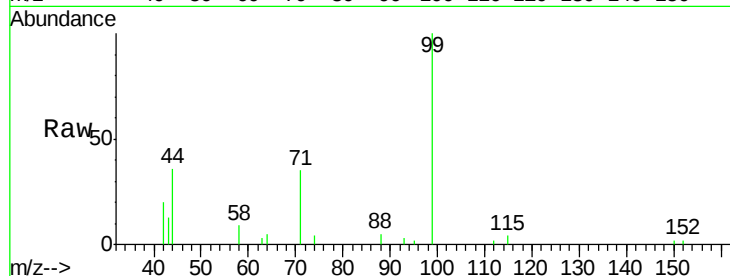
Tot Ion: 99 Resp: 4757

Ion Ratio Lower Upper

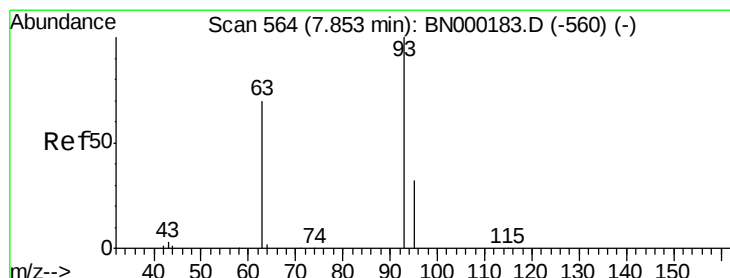
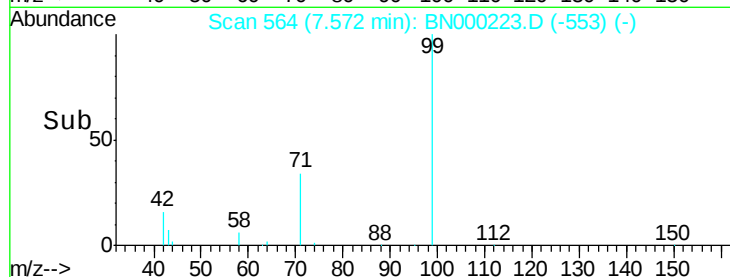
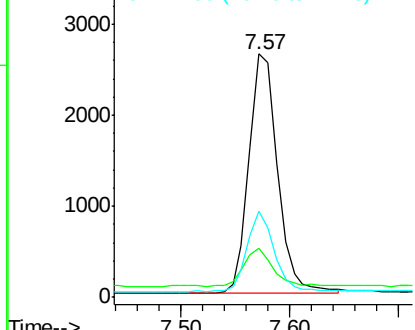
99 100

42 16.5 20.2 30.2#

71 31.6 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.168 ng

RT: 7.85 min Scan# 599

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

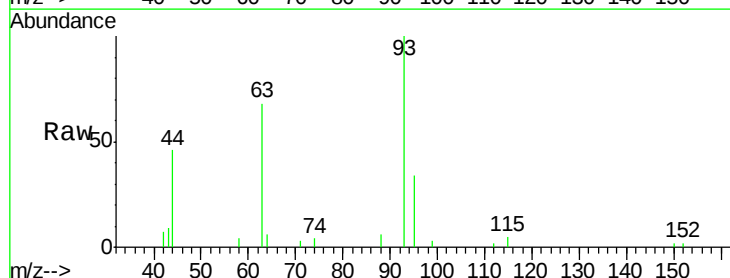
Tgt Ion: 93 Resp: 3372

Ion Ratio Lower Upper

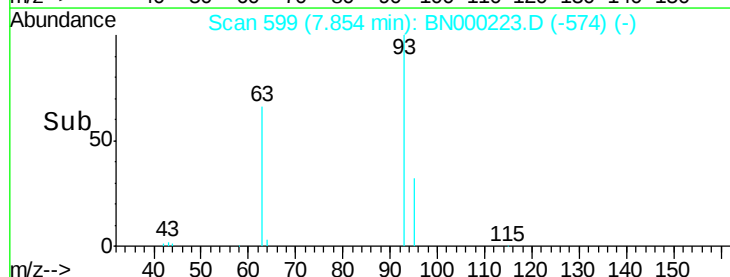
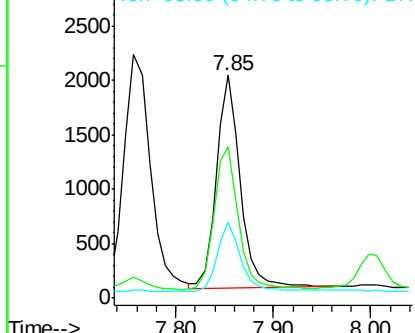
93 100

63 69.2 56.0 84.0

95 31.7 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 900

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

Tot Ion:136 Resp: 22050

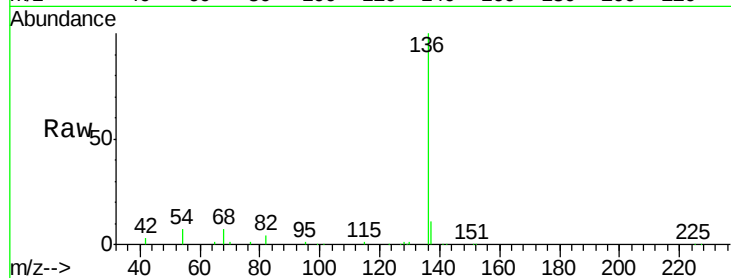
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 6.9 29.1 43.7#

68 6.7 6.2 9.2

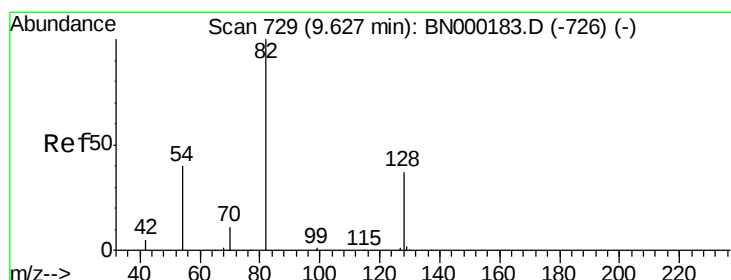
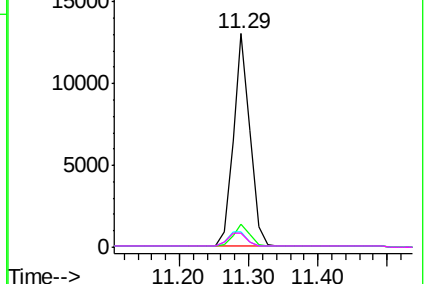
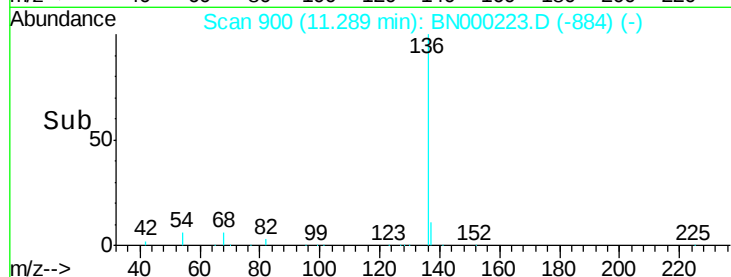


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.292 ng

RT: 9.63 min Scan# 769

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

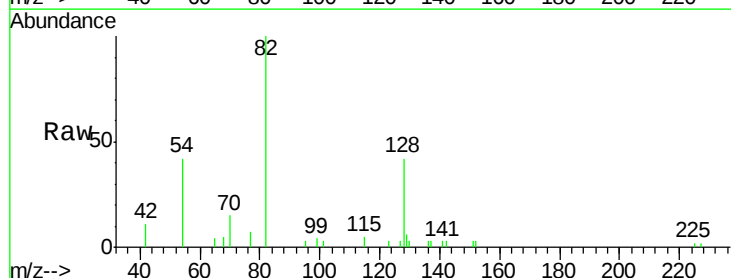
Tgt Ion: 82 Resp: 3819

Ion Ratio Lower Upper

82 100

128 41.8 150.0 225.0#

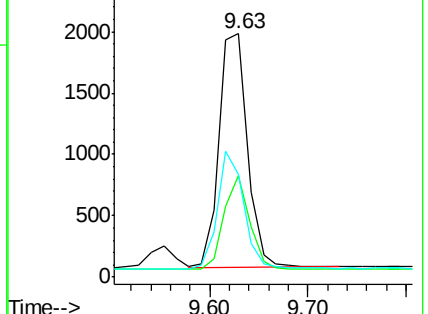
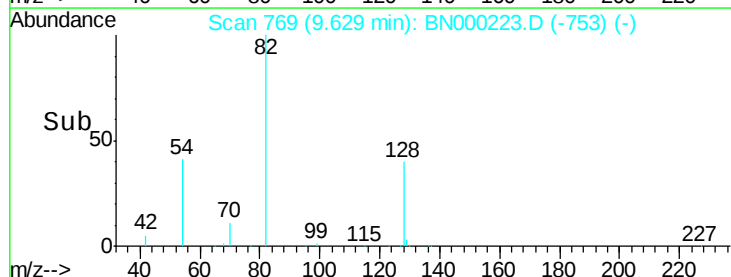
54 42.3 154.2 231.4#

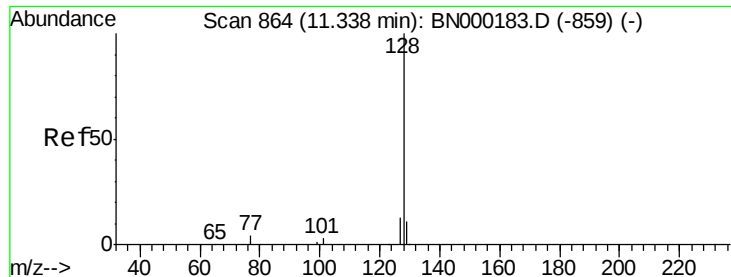


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.173 ng

RT: 11.34 min Scan# 904

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

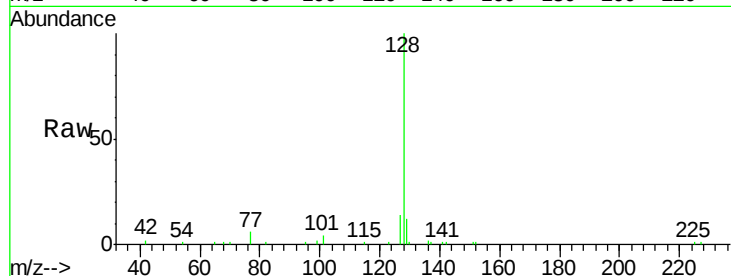
Tot Ion:128 Resp: 11137

Ion Ratio Lower Upper

128 100

129 11.7 8.0 12.0

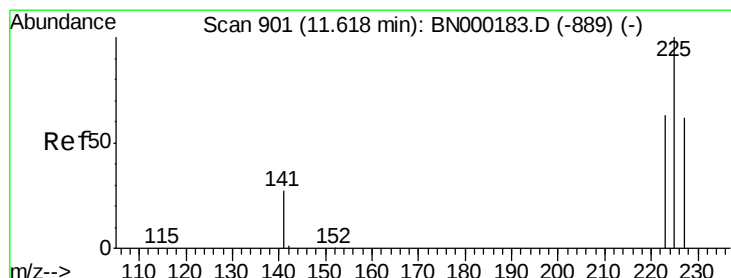
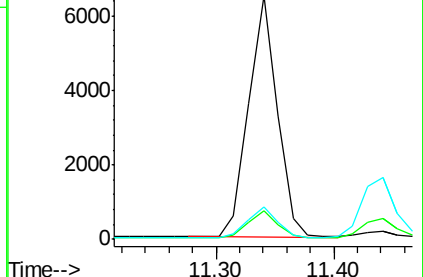
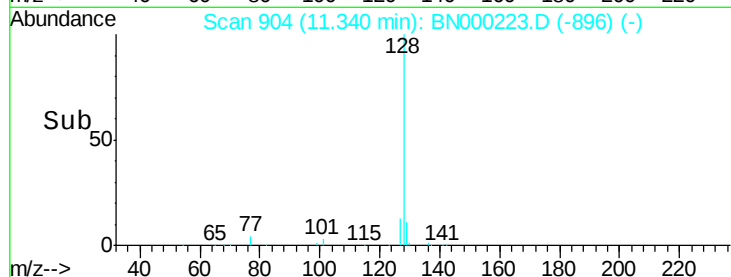
127 13.6 9.6 14.4



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: 0.169 ng

RT: 11.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

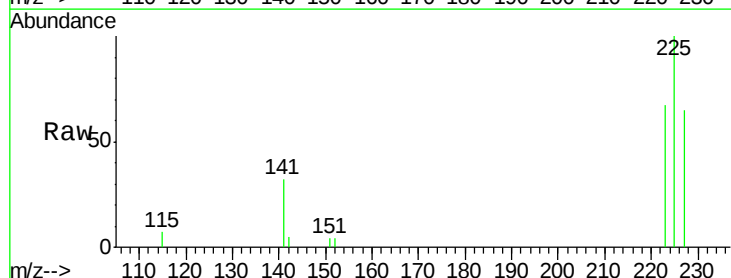
Tgt Ion:225 Resp: 1851

Ion Ratio Lower Upper

225 100

223 64.5 53.0 79.6

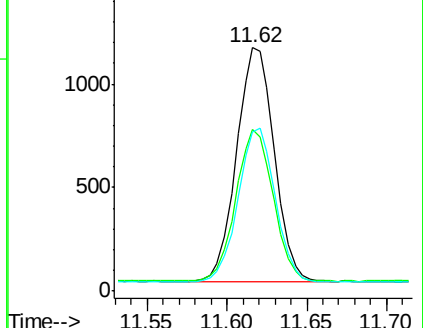
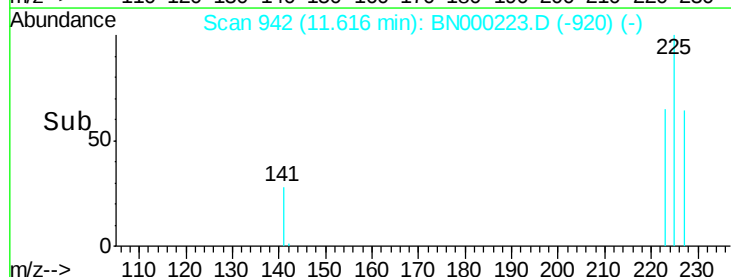
227 64.7 51.4 77.2

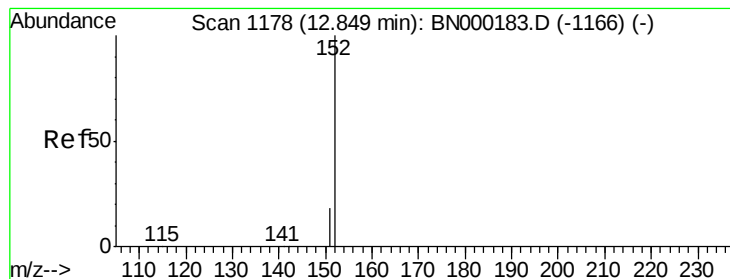


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.324 ng

RT: 12.85 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

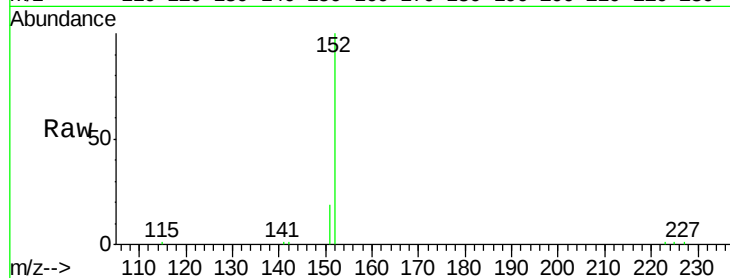
LOQ-WATER-02-QT1-2018

Tot Ion:152 Resp: 10750

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

12.85

8000

6000

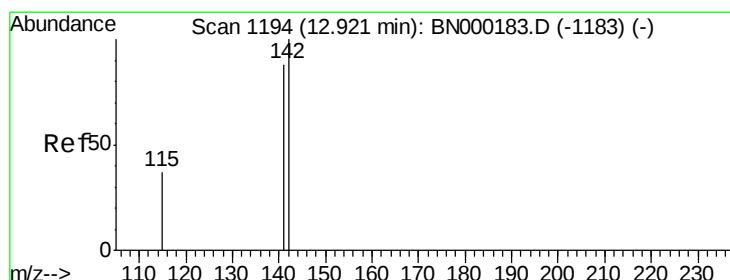
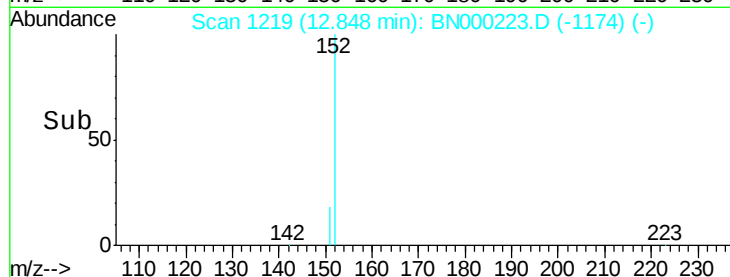
4000

2000

0

Time-->

12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.169 ng

RT: 12.92 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

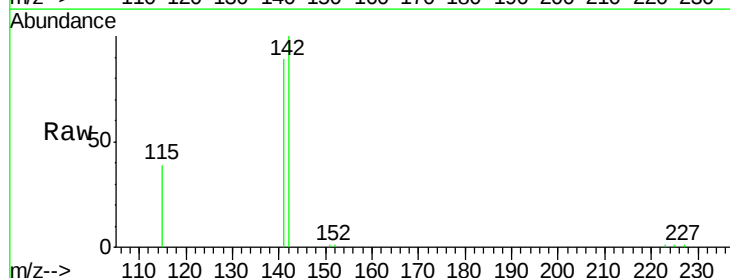
Tgt Ion:142 Resp: 7123

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6

115 39.0 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.92

6000

5000

4000

3000

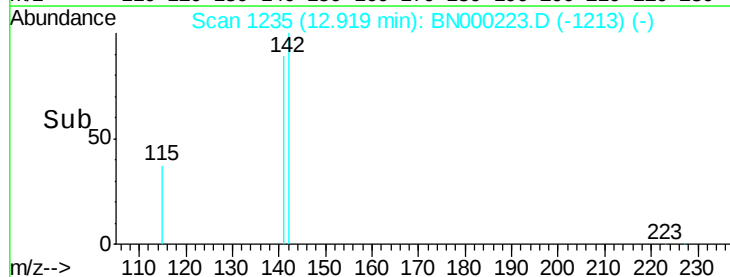
2000

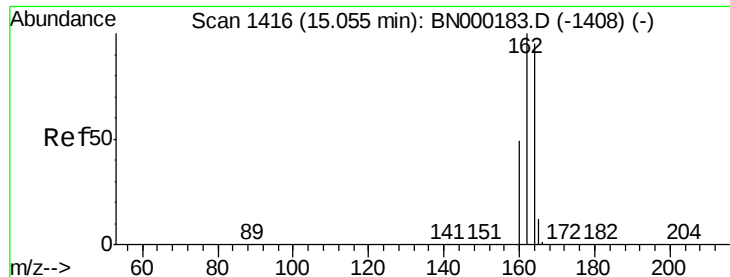
1000

0

Time-->

12.90 13.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

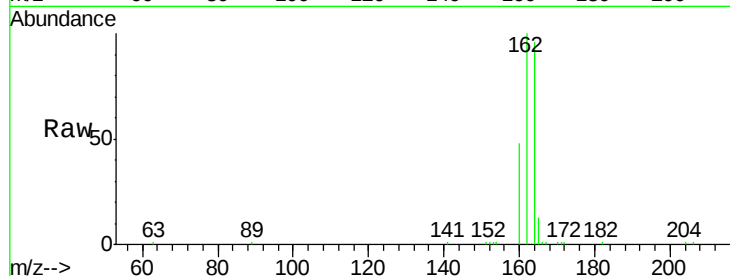
Tot Ion:164 Resp: 11095

Ion Ratio Lower Upper

164 100

162 104.2 83.1 124.7

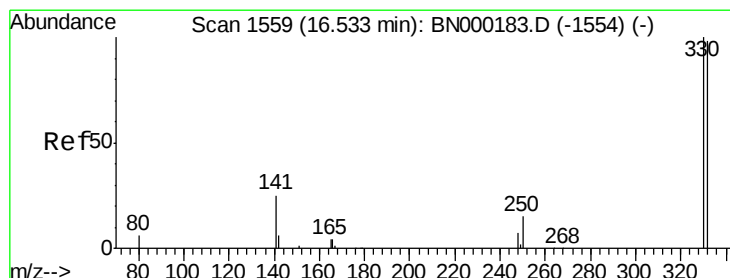
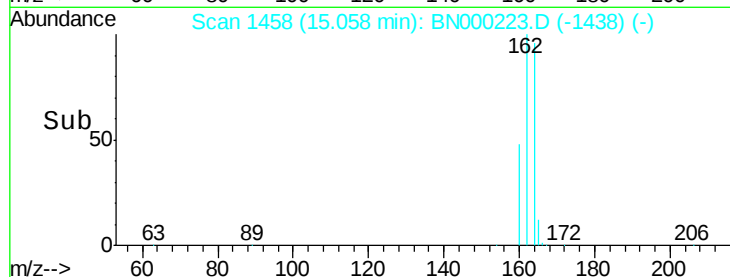
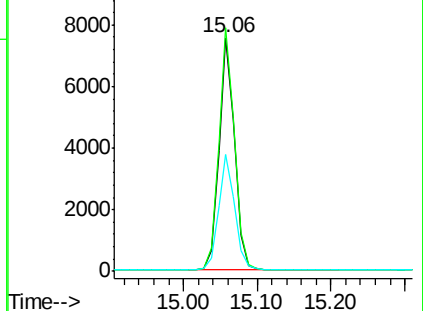
160 50.0 37.1 55.7



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: 0.287 ng

RT: 16.54 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

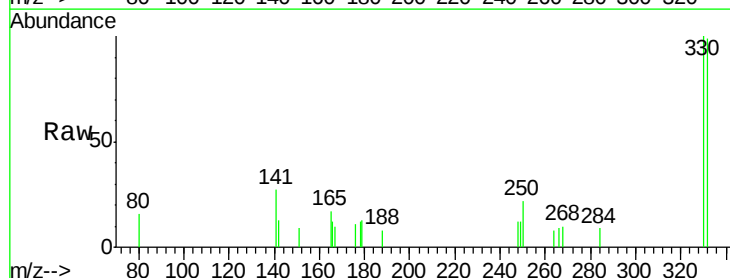
Tgt Ion:330 Resp: 1011

Ion Ratio Lower Upper

330 100

332 97.1 152.7 229.1#

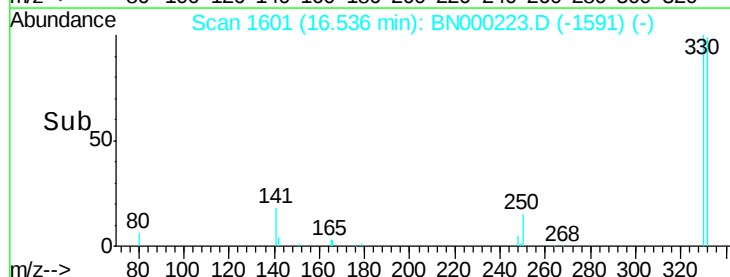
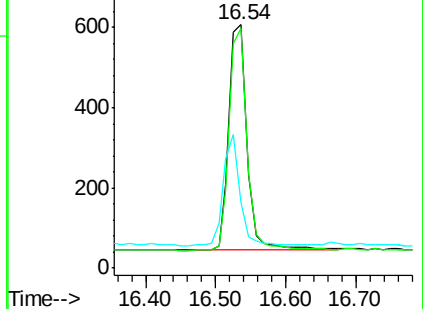
141 45.7 33.7 50.5

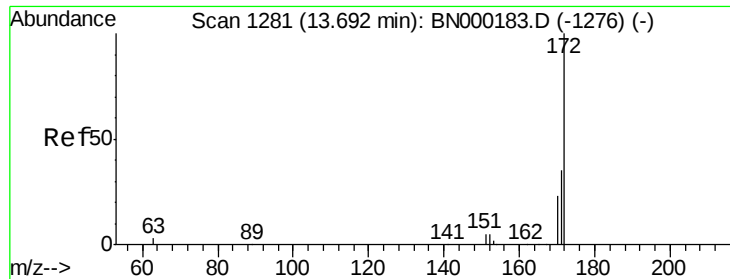


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

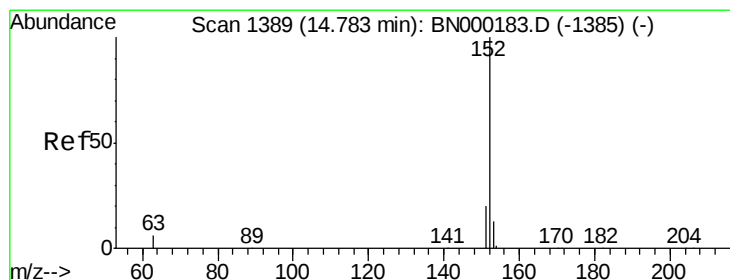
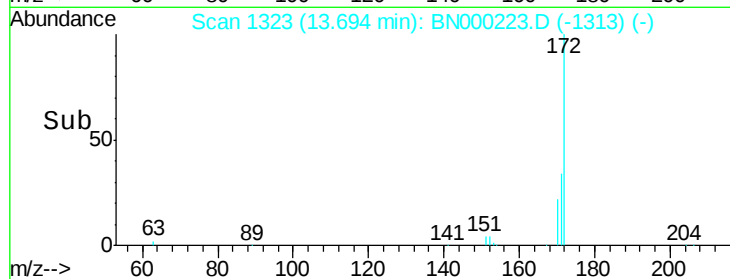
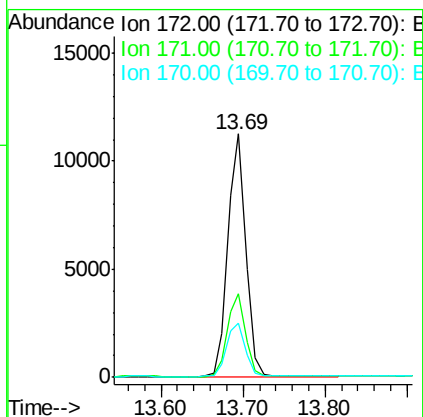
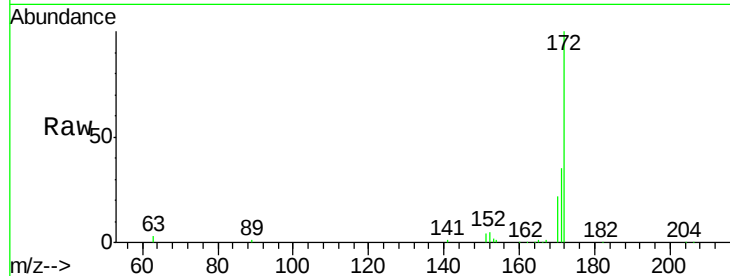




#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.69 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

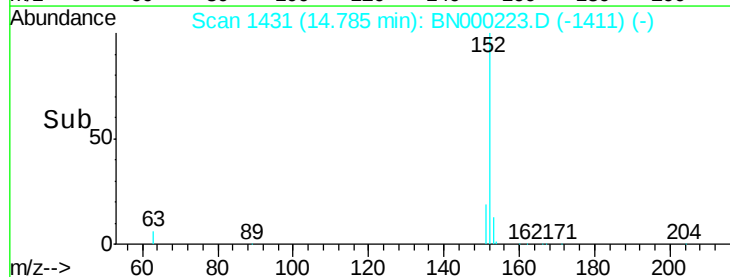
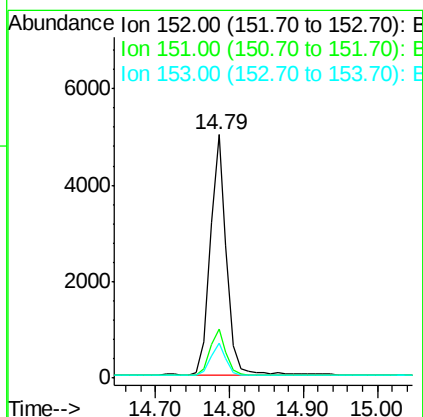
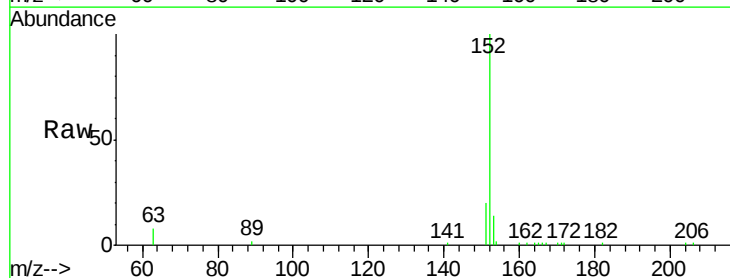
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2018

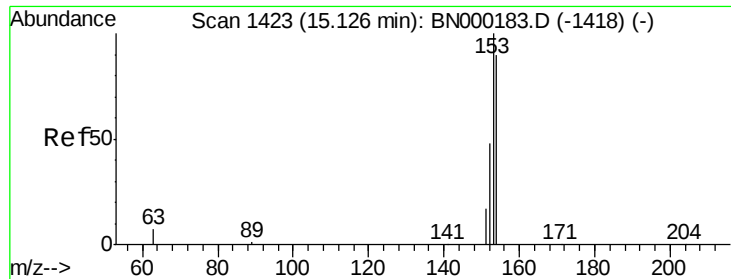
Tot Ion:172 Resp: 16923
Ion Ratio Lower Upper
172 100
171 34.5 29.9 44.9
170 22.3 21.8 32.8



#16
Acenaphthylene
Concen: 0.149 ng
RT: 14.79 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:152 Resp: 7766
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.166 ng

RT: 15.12 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

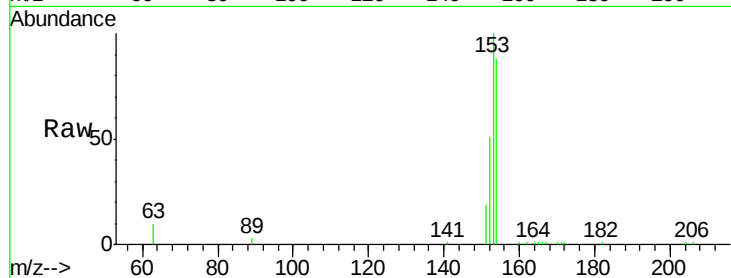
Tot Ion:154 Resp: 6865

Ion Ratio Lower Upper

154 100

153 113.9 89.2 133.8

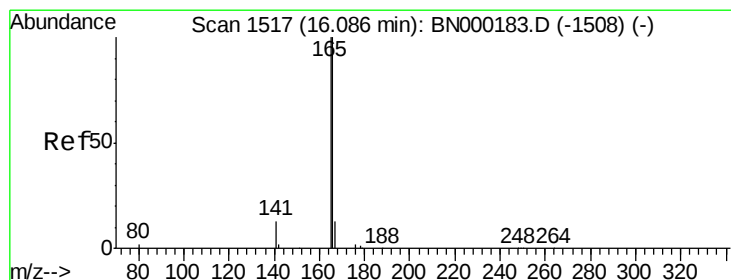
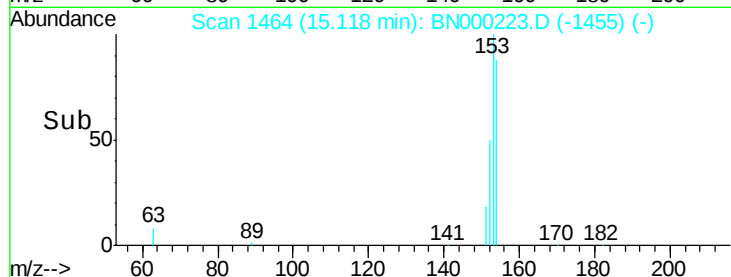
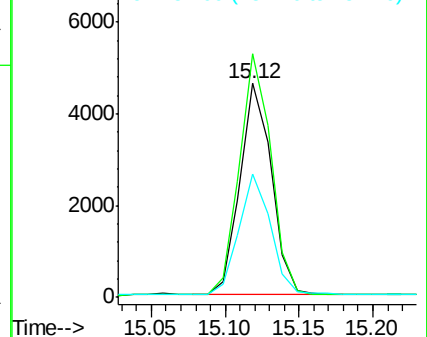
152 57.3 42.0 63.0



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: 0.164 ng

RT: 16.09 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

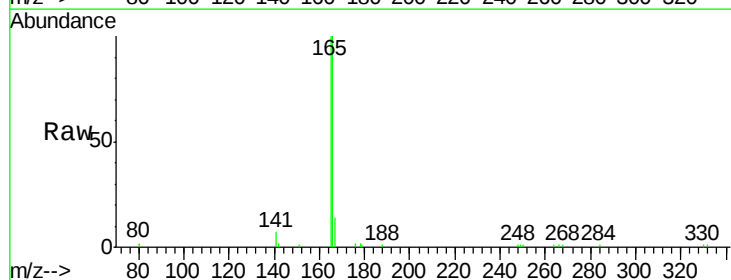
Tgt Ion:166 Resp: 8424

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.6

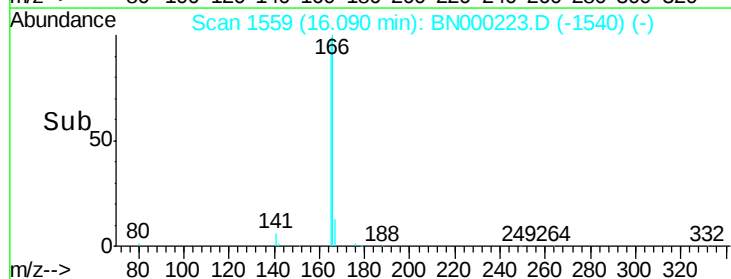
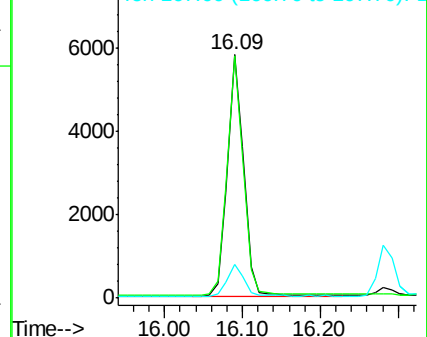
167 13.5 42.4 63.6#

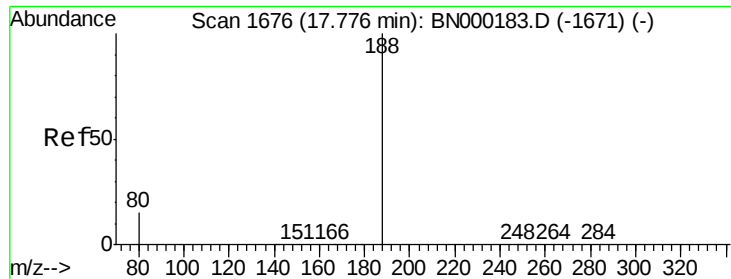


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.78 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

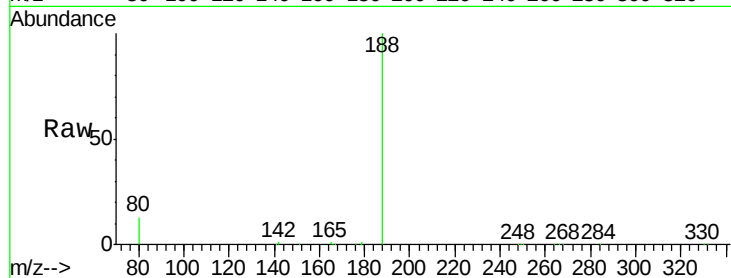
Tot Ion:188 Resp: 25926

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

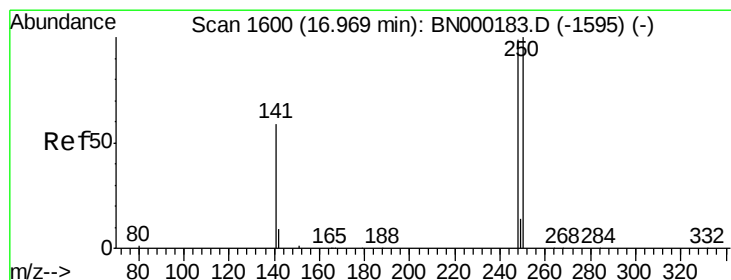
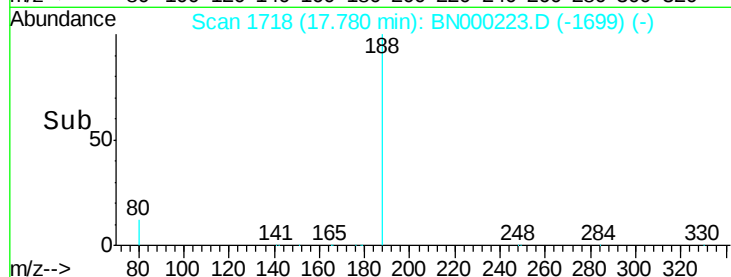
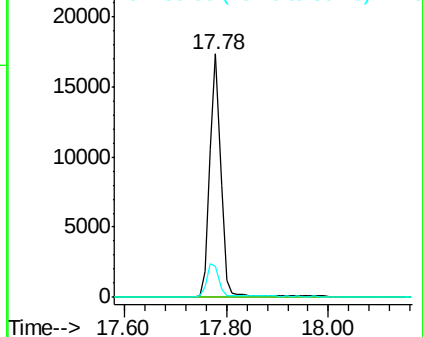
80 12.5 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.156 ng

RT: 16.96 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

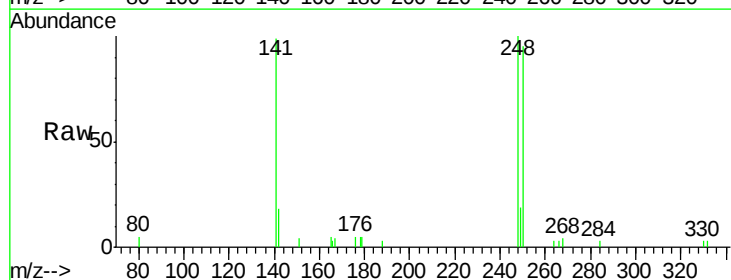
Tgt Ion:248 Resp: 2332

Ion Ratio Lower Upper

248 100

250 95.1 62.7 94.1#

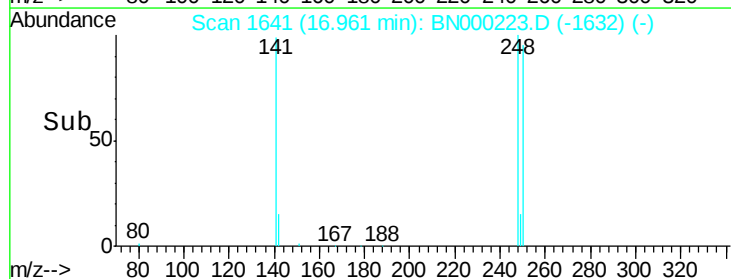
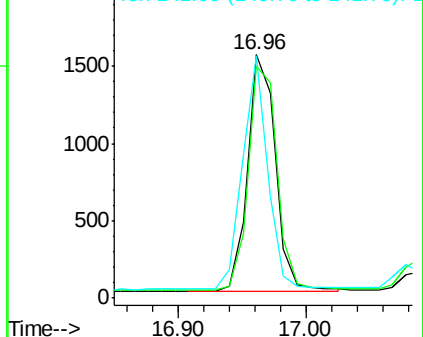
141 99.3 48.2 72.2#

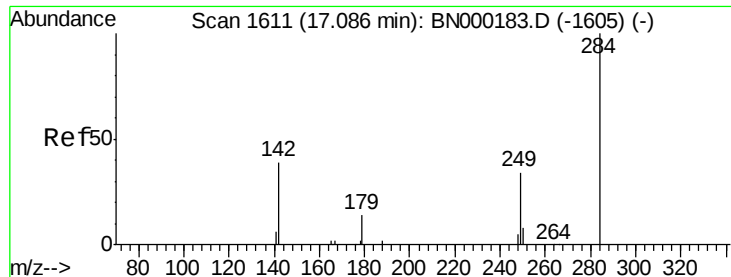


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.163 ng

RT: 17.09 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

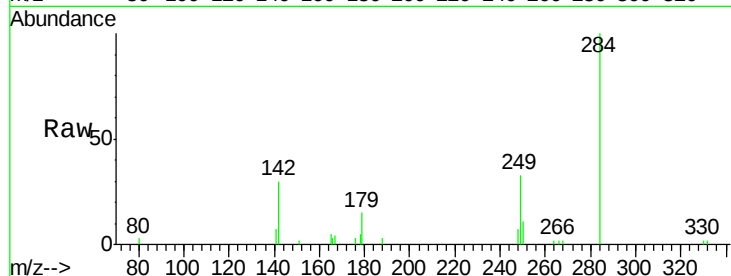
Tot Ion:284 Resp: 3261

Ion Ratio Lower Upper

284 100

142 42.3 32.0 48.0

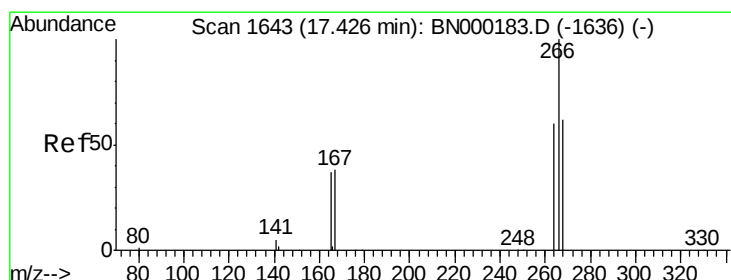
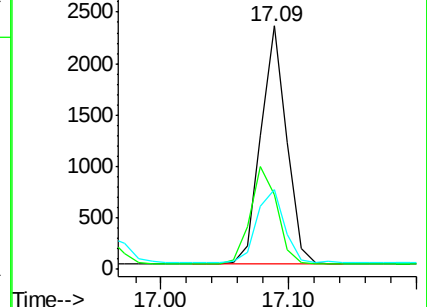
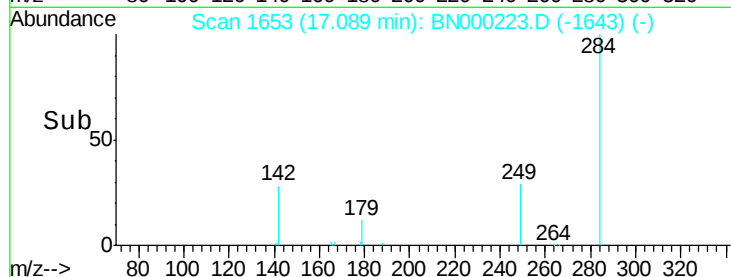
249 32.8 24.0 36.0



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: 0.186 ng

RT: 17.43 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

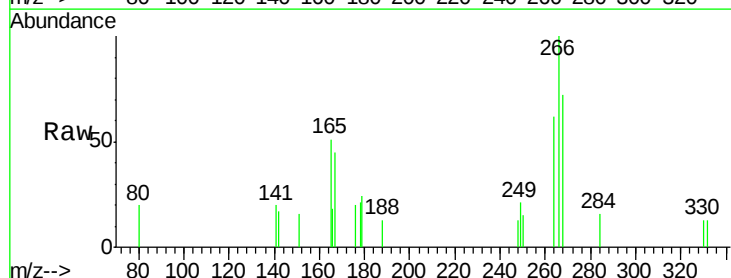
Tgt Ion:266 Resp: 571

Ion Ratio Lower Upper

266 100

264 61.8 48.0 72.0

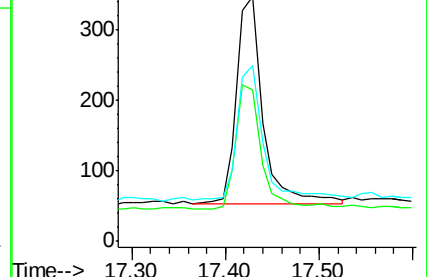
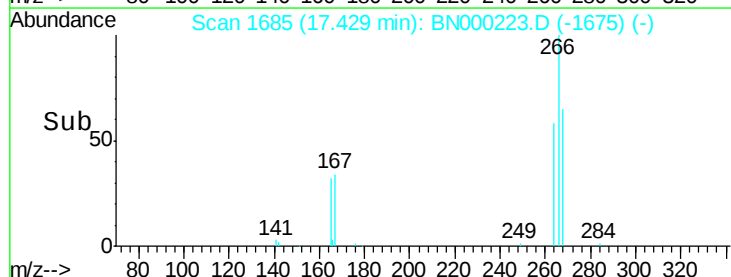
268 71.8 52.0 78.0



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: 0.162 ng

RT: 17.82 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

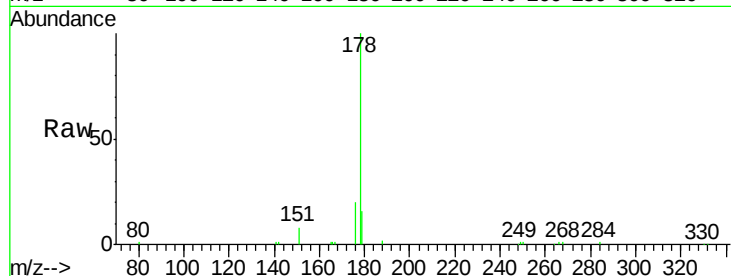
Tot Ion:178 Resp: 14740

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

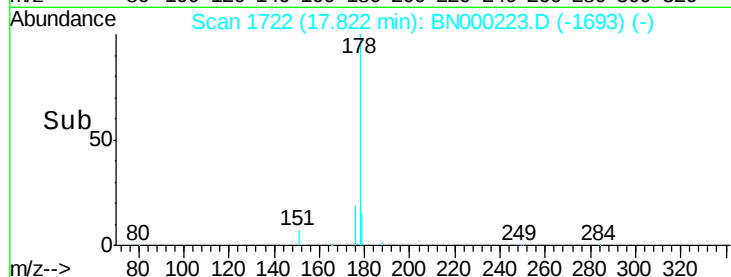
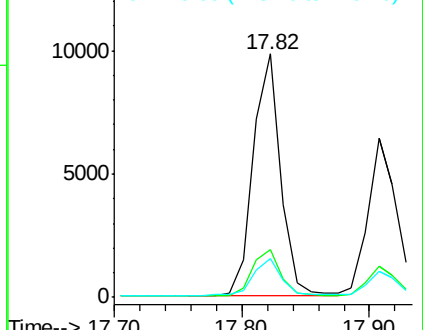
179 15.6 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.145 ng

RT: 17.91 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

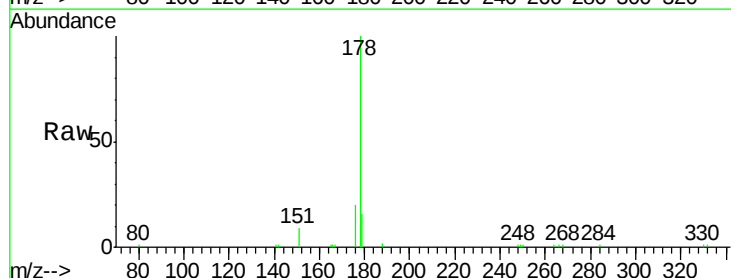
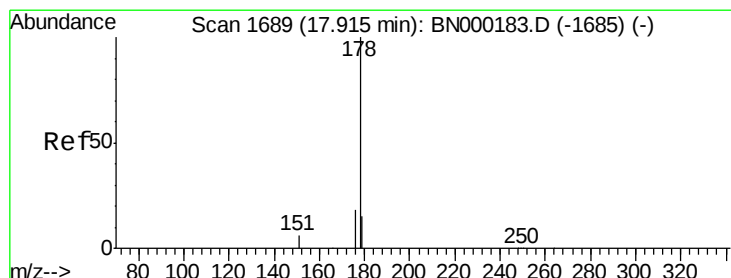
Tgt Ion:178 Resp: 10013

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

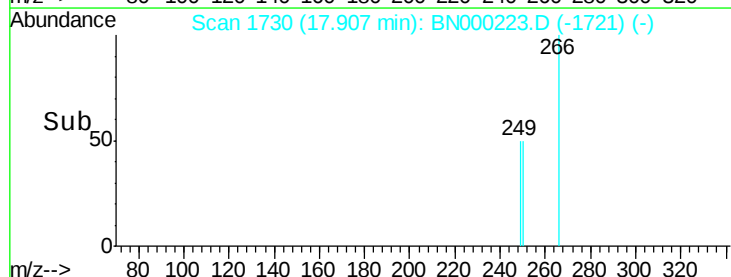
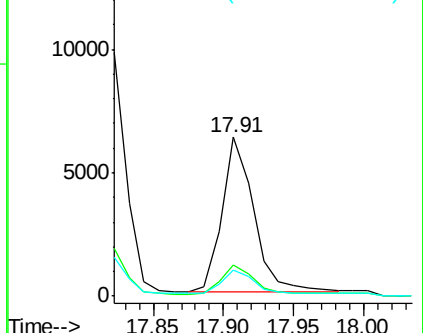
179 15.2 13.0 19.6

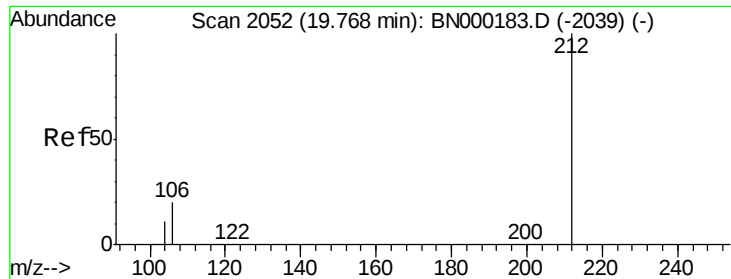


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.290 ng

RT: 19.77 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

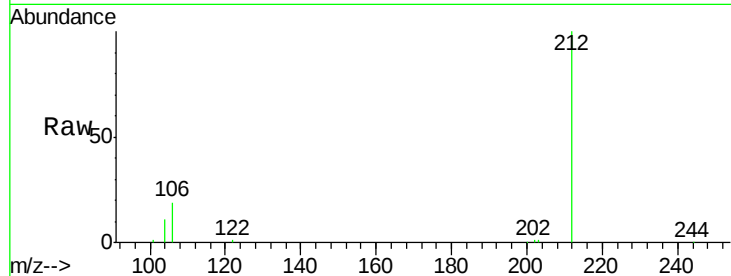
Tot Ion:212 Resp: 20062

Ion Ratio Lower Upper

212 100

106 19.4 2.8 4.2#

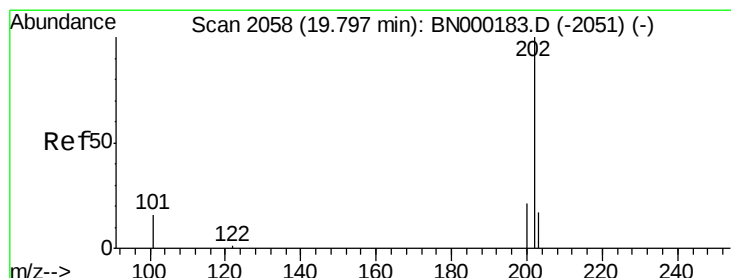
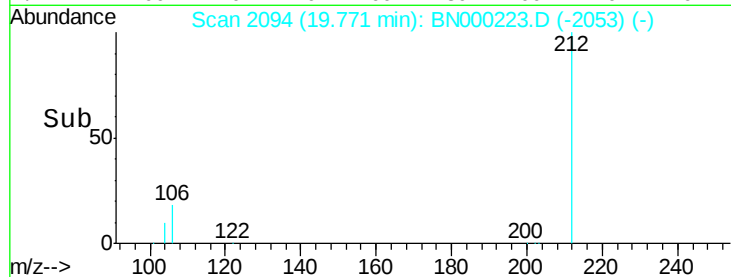
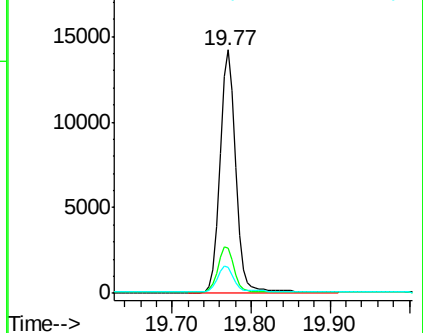
104 10.7 1.6 2.4#



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: 0.150 ng

RT: 19.80 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

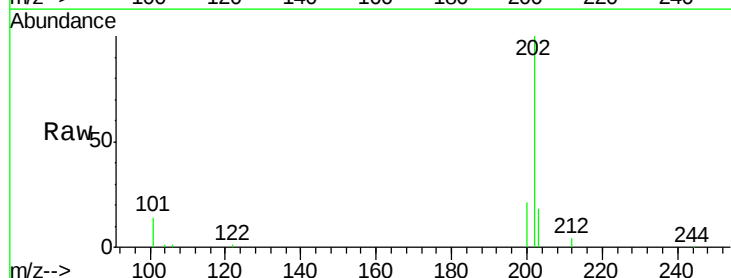
Tgt Ion:202 Resp: 14148

Ion Ratio Lower Upper

202 100

101 15.7 9.8 14.8#

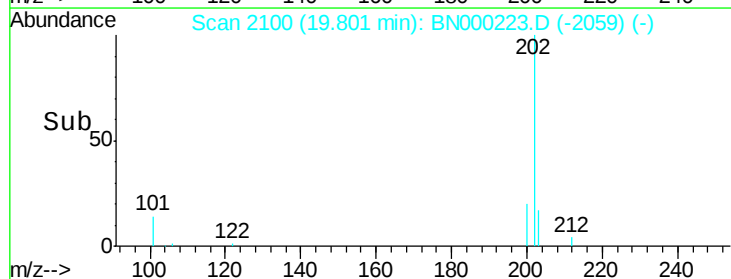
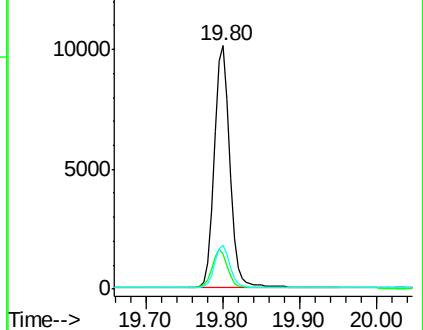
203 16.8 13.7 20.5

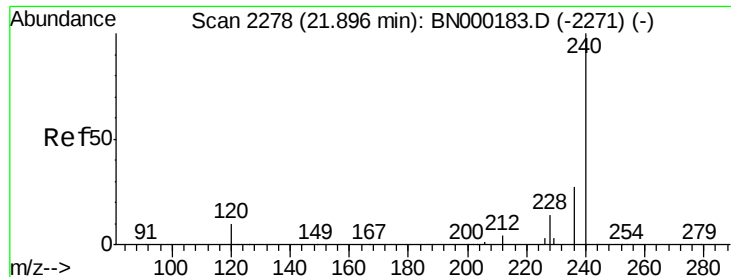


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

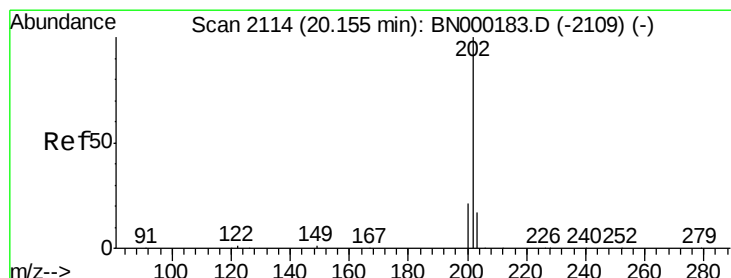
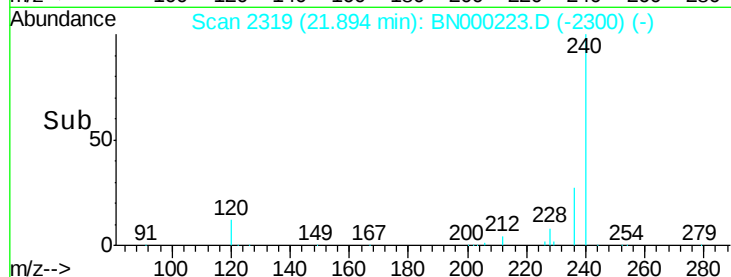
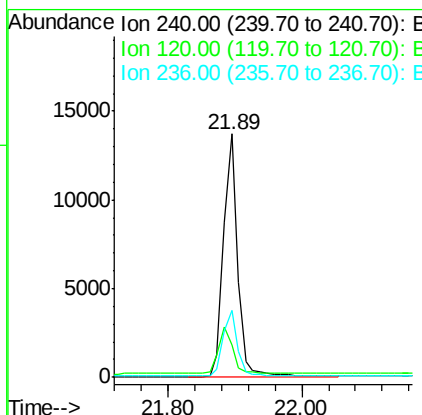
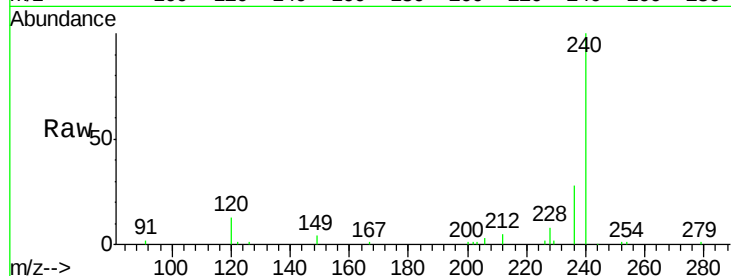




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

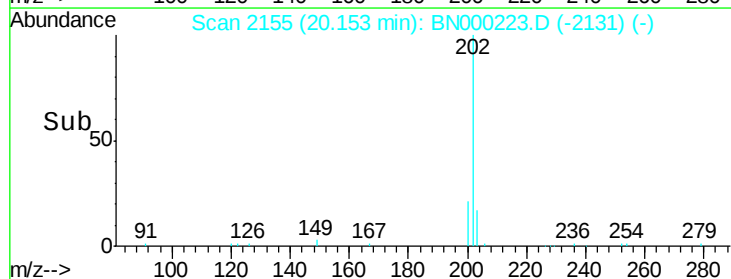
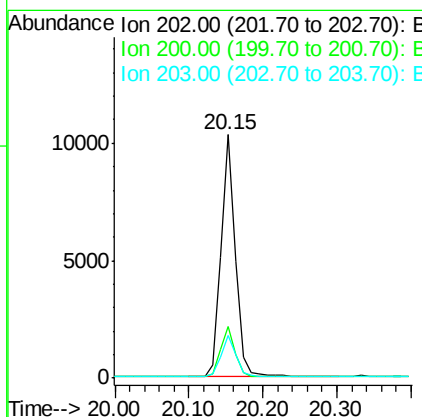
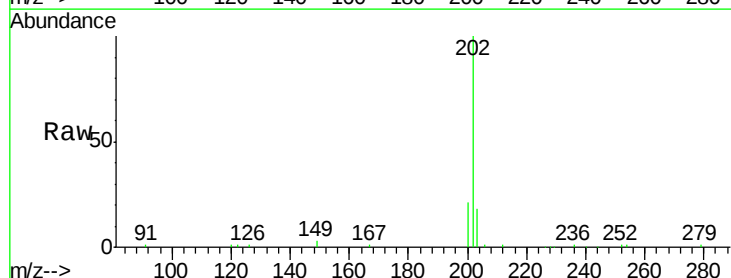
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2018

Tot Ion:240 Resp: 19951
Ion Ratio Lower Upper
240 100
120 13.5 5.5 8.3#
236 27.6 20.7 31.1



#28
Pyrene
Concen: 0.183 ng
RT: 20.15 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:202 Resp: 14321
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 17.9 13.8 20.8





#29

Terphenyl-d14

Concen: 0.349 ng

RT: 20.33 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

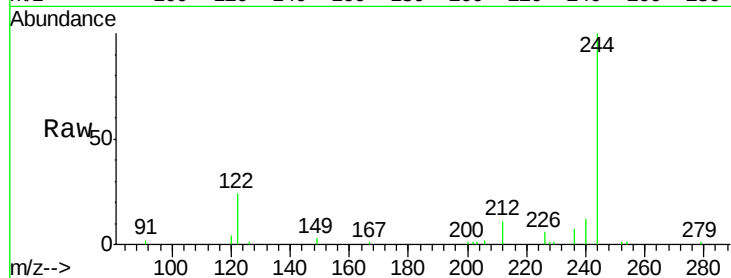
Tot Ion:244 Resp: 12219

Ion Ratio Lower Upper

244 100

212 11.2 25.4 38.0#

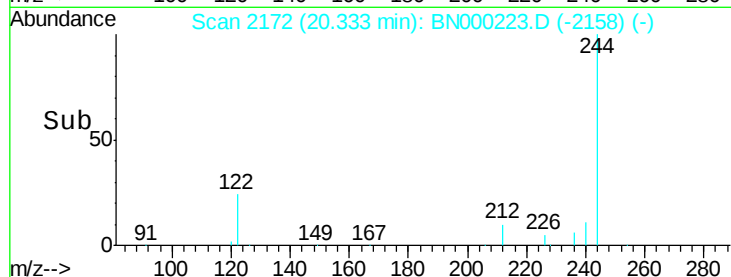
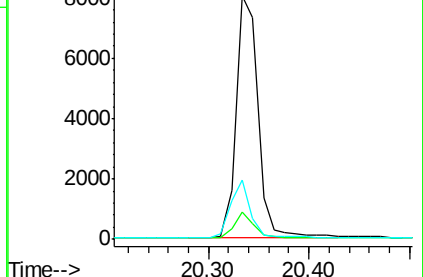
122 24.4 8.1 12.1#



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: 0.160 ng

RT: 21.87 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

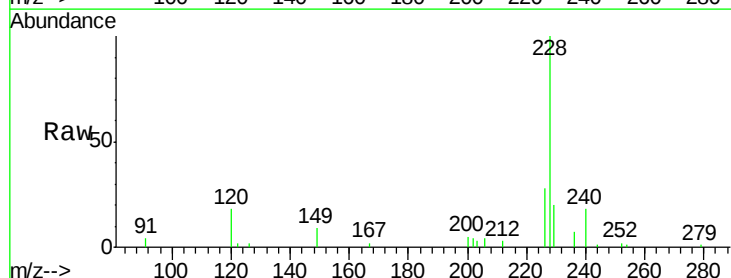
Tgt Ion:228 Resp: 10032

Ion Ratio Lower Upper

228 100

226 27.7 24.0 36.0

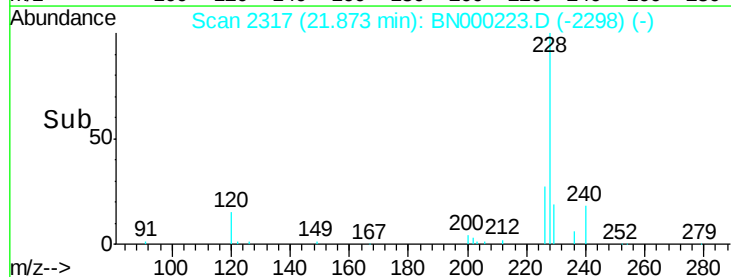
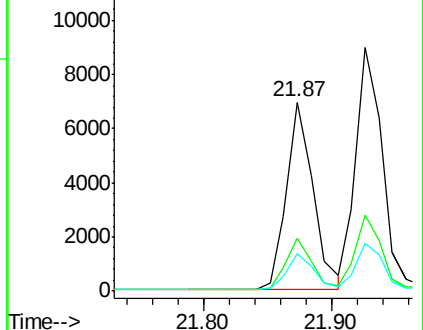
229 19.9 16.0 24.0

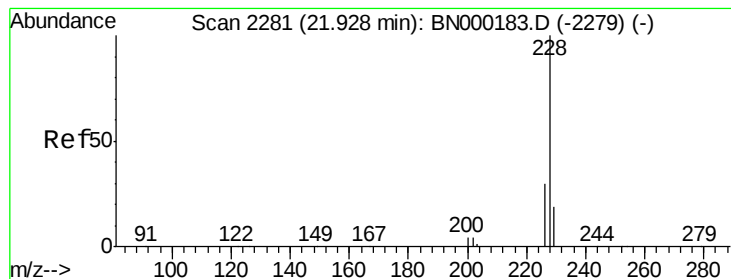


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.173 ng

RT: 21.93 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

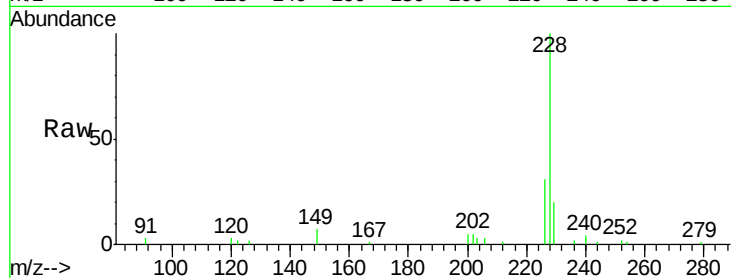
Tot Ion:228 Resp: 12731

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

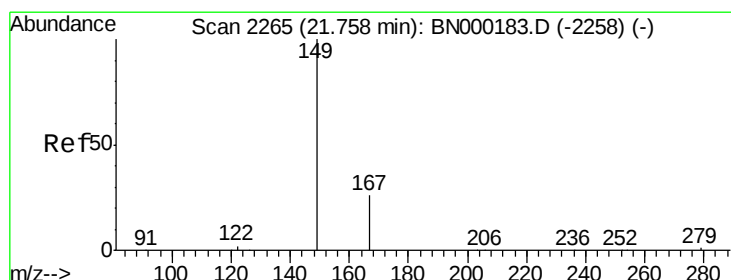
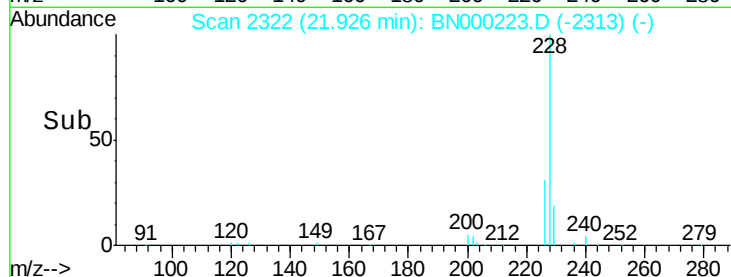
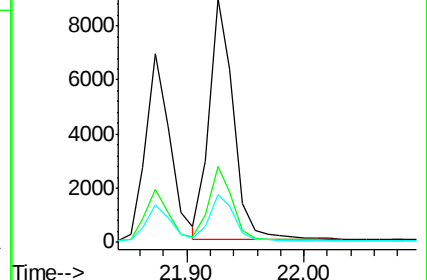
229 19.7 16.0 24.0



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: 0.169 ng

RT: 21.76 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

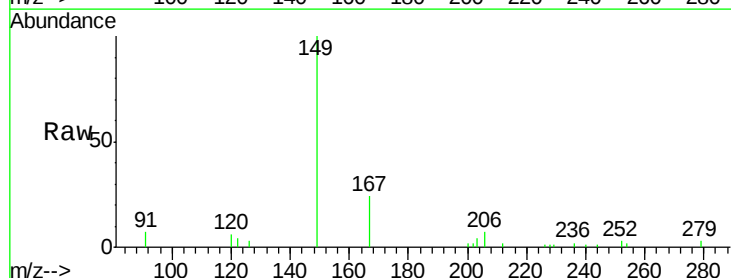
Tgt Ion:149 Resp: 3958

Ion Ratio Lower Upper

149 100

167 25.2 20.0 30.0

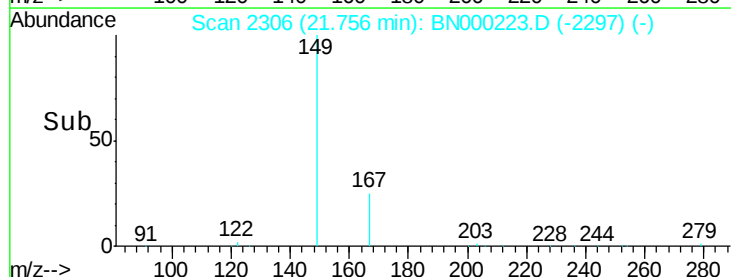
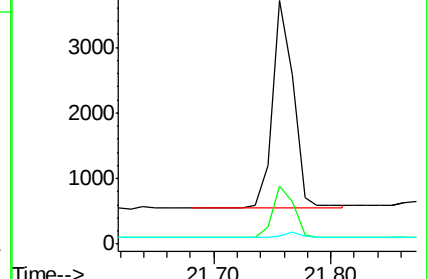
279 2.7 1.6 2.4#



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: 0.157 ng

RT: 26.92 min Scan# 3686

Delta R.T. 0.01 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

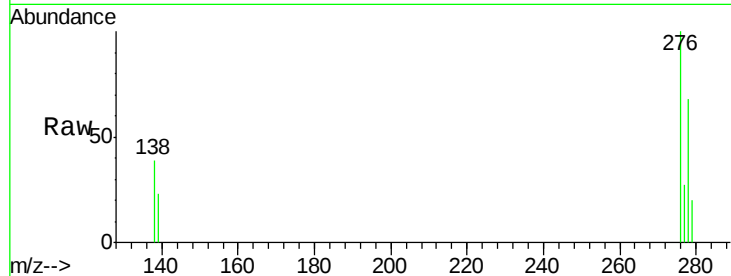
Tot Ion:276 Resp: 10795

Ion Ratio Lower Upper

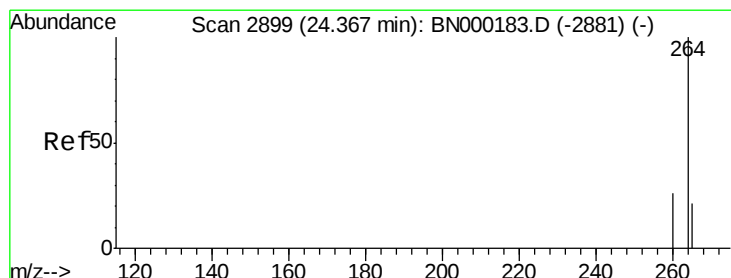
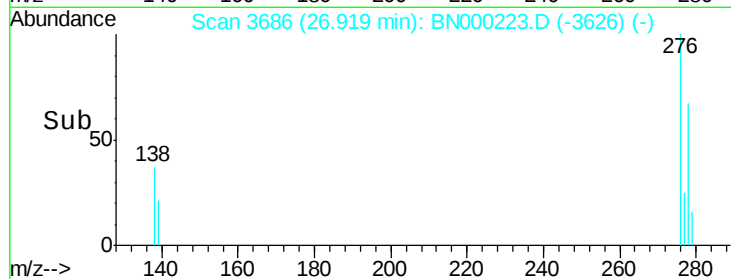
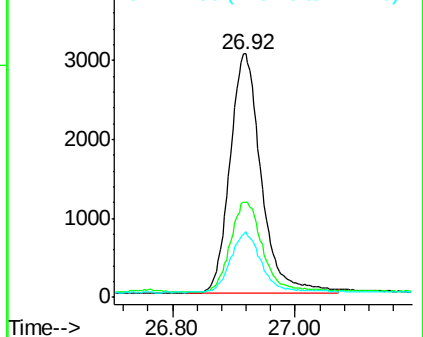
276 100

138 38.1 22.5 33.7#

277 24.7 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.37 min Scan# 2940

Delta R.T. -0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

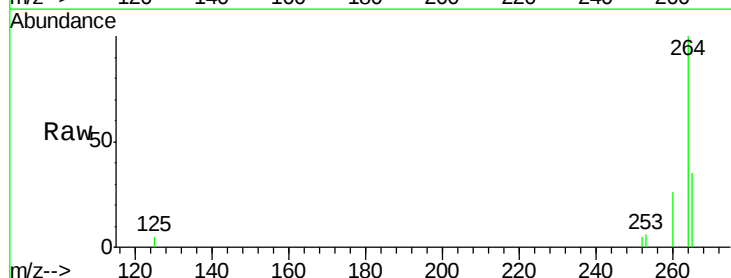
Tgt Ion:264 Resp: 16104

Ion Ratio Lower Upper

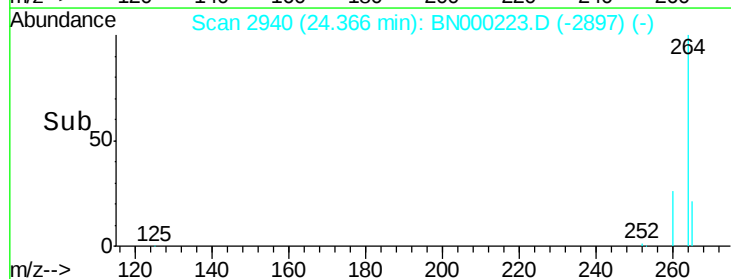
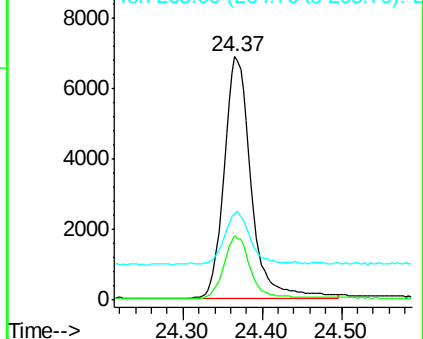
264 100

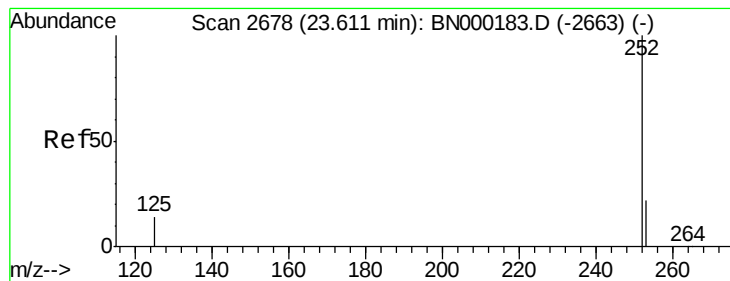
260 26.4 20.5 30.7

265 35.4 22.8 34.2#



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





#35

Benzo(b)fluoranthene

Concen: 0.171 ng

RT: 23.61 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

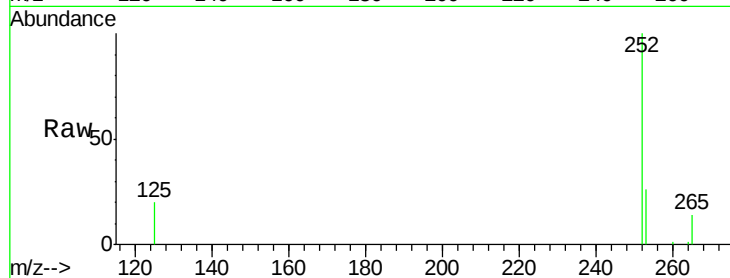
Tot Ion:252 Resp: 12601

Ion Ratio Lower Upper

252 100

253 26.0 20.0 30.0

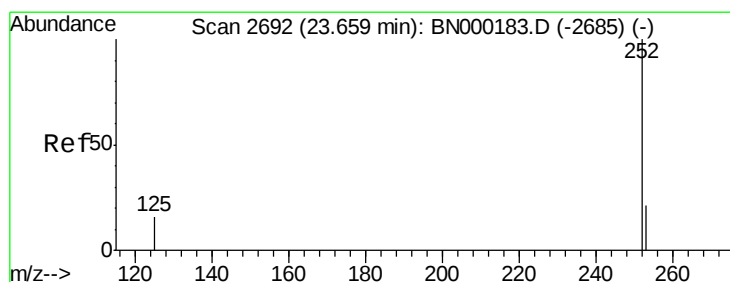
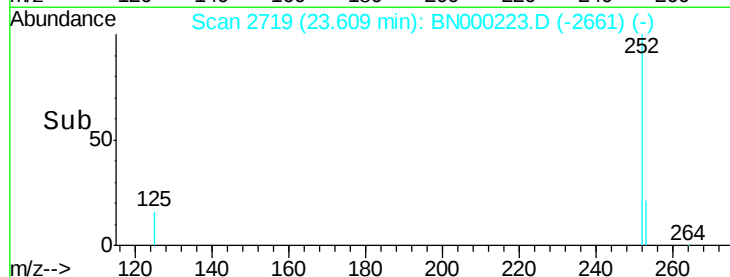
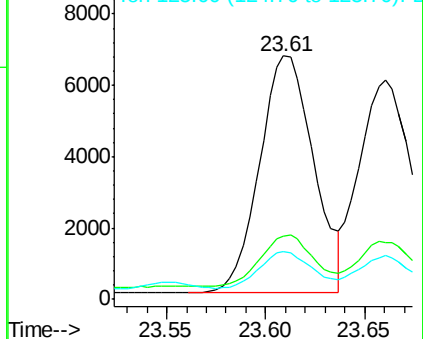
125 19.7 16.0 24.0



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: 0.165 ng

RT: 23.66 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

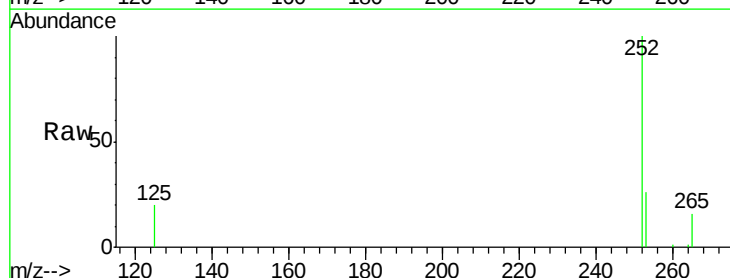
Tgt Ion:252 Resp: 11843

Ion Ratio Lower Upper

252 100

253 26.1 16.0 24.0#

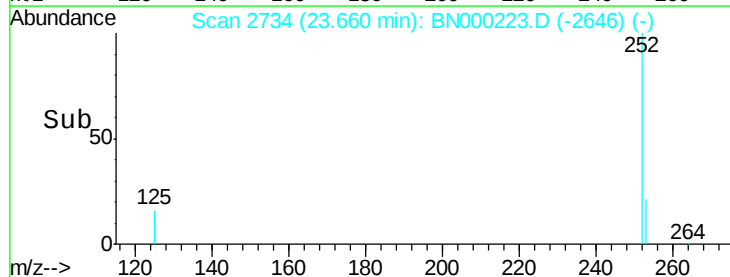
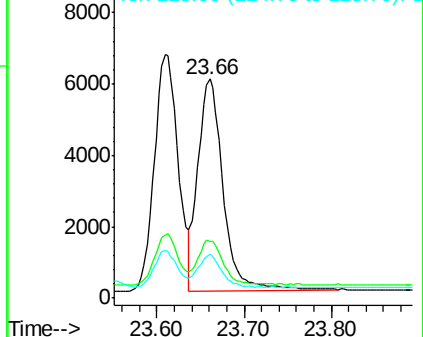
125 19.8 8.0 12.0#



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: 0.155 ng

RT: 24.26 min Scan# 2908

Delta R.T. -0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018

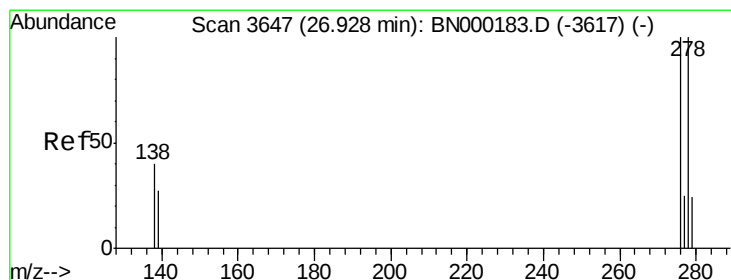
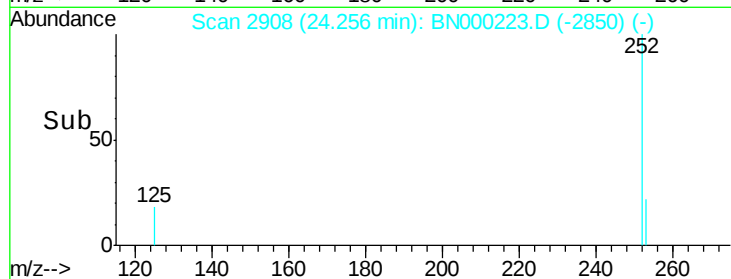
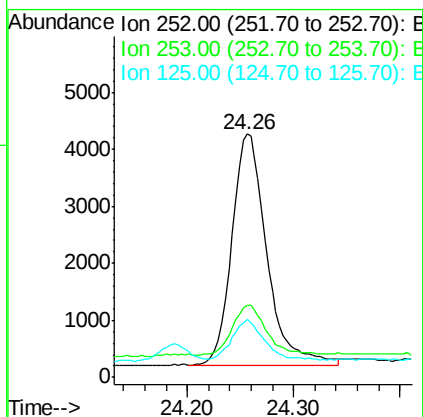
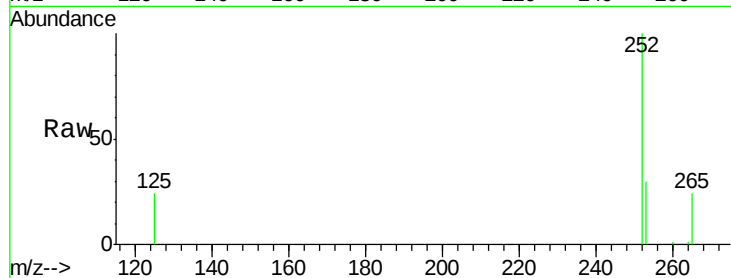
Tot Ion:252 Resp: 9305

Ion Ratio Lower Upper

252 100

253 29.9 16.0 24.0#

125 23.8 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.156 ng

RT: 26.93 min Scan# 3689

Delta R.T. 0.00 min

Lab File: BN000223.D

Acq: 01 Mar 2018 18:30

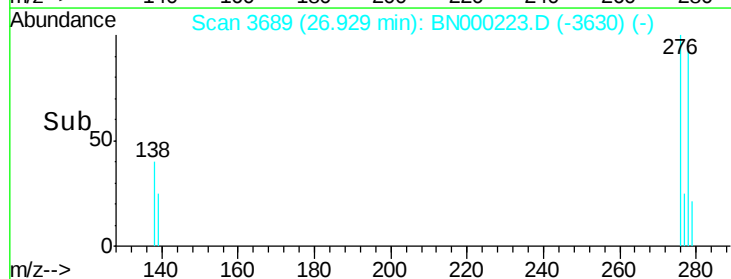
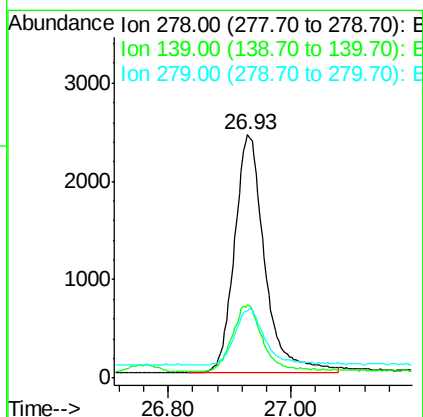
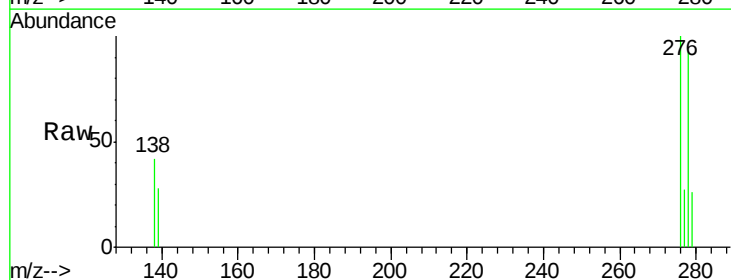
Tgt Ion:278 Resp: 8323

Ion Ratio Lower Upper

278 100

139 29.9 16.0 24.0#

279 27.6 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.164 ng

RT: 27.70 min Scan# 3915

Delta R.T. 0.00 min

Lab File: BN000223.D

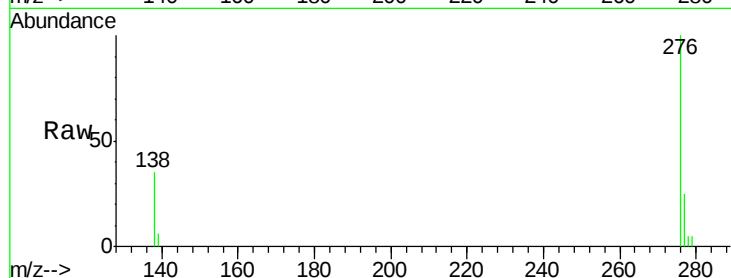
Acq: 01 Mar 2018 18:30

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2018



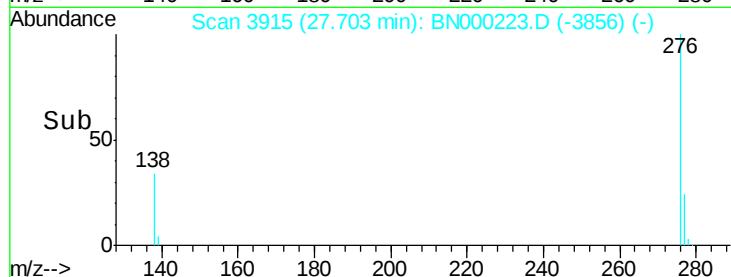
Tot Ion: 276 Resp: 10328

Ion Ratio Lower Upper

276 100

277 25.3 16.0 24.0#

138 35.4 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

