

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
 Data File : BN010719.D
 Acq On : 14 May 2020 19:20
 Operator : CG/JU
 Sample : L2182-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Quant Time: May 15 01:52:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 14:18:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4539	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	17369	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	10472	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	21180	0.40	ng	0.00
27) Chrysene-d12	21.15	240	17977	0.40	ng	0.00
34) Perylene-d12	23.32	264	16537	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	2039	0.23	ng	0.00
5) Phenol-d6	6.78	99	2369	0.22	ng	0.00
8) Nitrobenzene-d5	8.72	82	2852	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	11.93	152	6013	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	728	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.83	172	8547	0.22	ng	0.01
25) Fluoranthene-d10	18.99	212	12616	0.22	ng	0.00
29) Terphenyl-d14	19.60	244	9910	0.23	ng	0.00

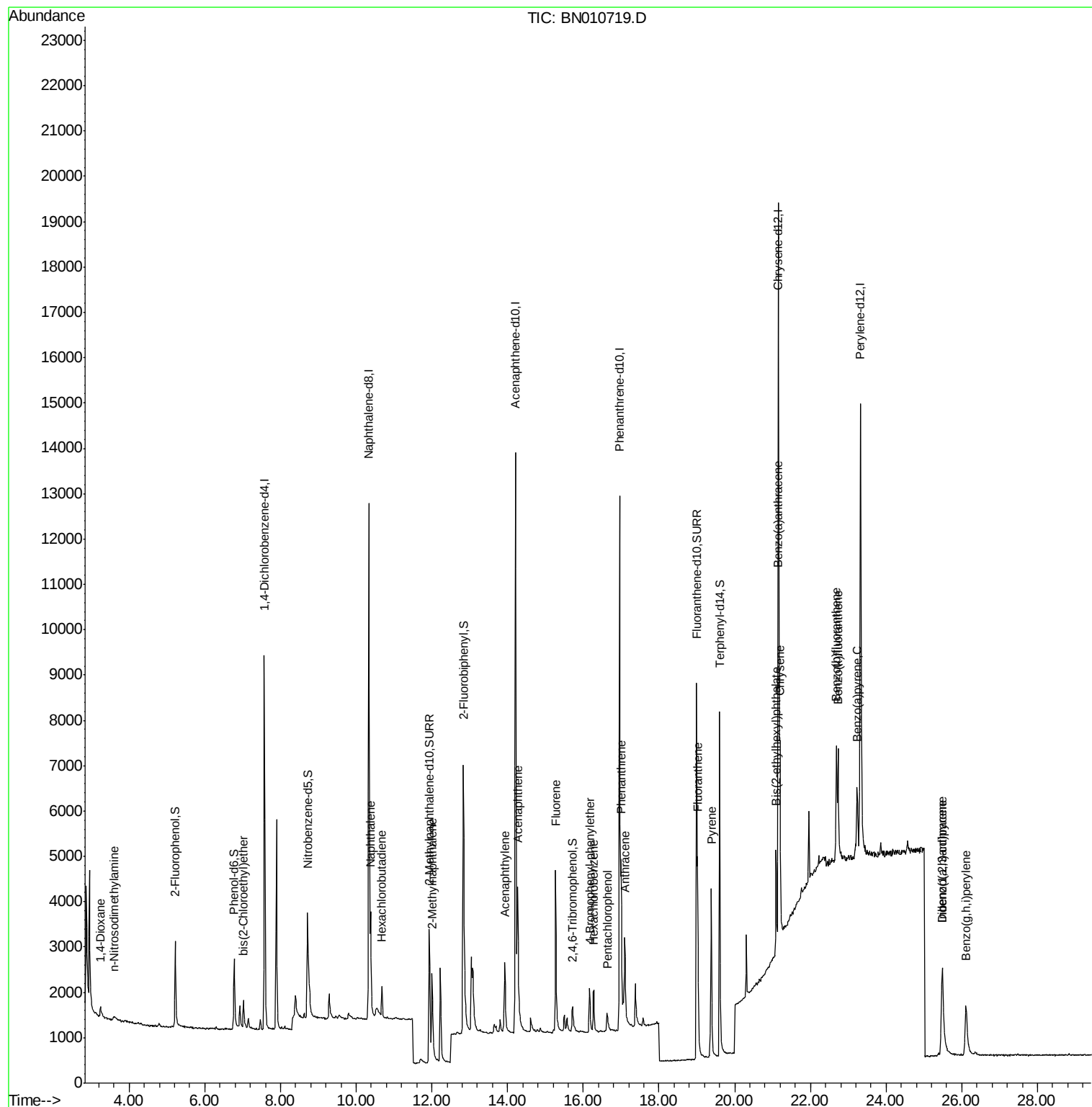
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	238	0.061	ng	# 81
3) n-Nitrosodimethylamine	3.60	42	136	0.060	ng	# 83
6) bis(2-Chloroethyl)ether	7.03	93	735	0.066	ng	98
9) Naphthalene	10.38	128	2896	0.066	ng	95
10) Hexachlorobutadiene	10.67	225	638	0.064	ng	# 99
12) 2-Methylnaphthalene	12.01	142	1962	0.064	ng	95
16) Acenaphthylene	13.92	152	2510	0.059	ng	97
17) Acenaphthene	14.27	154	1805	0.062	ng	96
18) Fluorene	15.27	166	2346	0.062	ng	100
20) 4-Bromophenyl-phenylether	16.17	248	665	0.057	ng	95
21) Hexachlorobenzene	16.27	284	946	0.068	ng	99
22) Pentachlorophenol	16.63	266	440	0.102	ng	91
23) Phenanthrene	17.00	178	3681	0.065	ng	98
24) Anthracene	17.09	178	2934	0.061	ng	96
26) Fluoranthene	19.02	202	4221	0.065	ng	98
28) Pyrene	19.39	202	4132	0.064	ng	99
30) Benzo(a)anthracene	21.14	228	3498	0.067	ng	95
31) Chrysene	21.20	228	3710	0.062	ng	97
32) Bis(2-ethylhexyl)phthalate	21.09	149	1944	0.085	ng	99
33) Indeno(1,2,3-cd)pyrene	25.48	276	3441	0.065	ng	100
35) Benzo(b)fluoranthene	22.68	252	3385	0.062	ng	# 68
36) Benzo(k)fluoranthene	22.73	252	3989	0.068	ng	# 67
37) Benzo(a)pyrene	23.23	252	2860	0.060	ng	# 43
38) Dibenzo(a,h)anthracene	25.49	278	2712	0.067	ng	# 66
39) Benzo(g,h,i)perylene	26.12	276	3245	0.068	ng	# 86

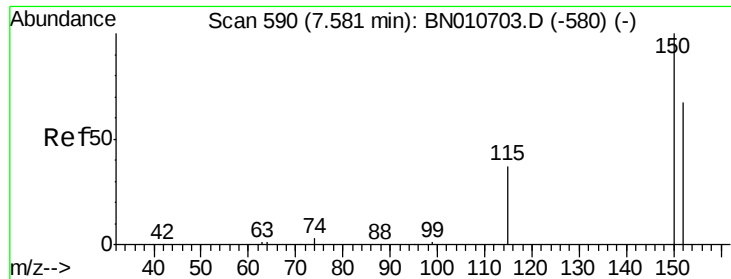
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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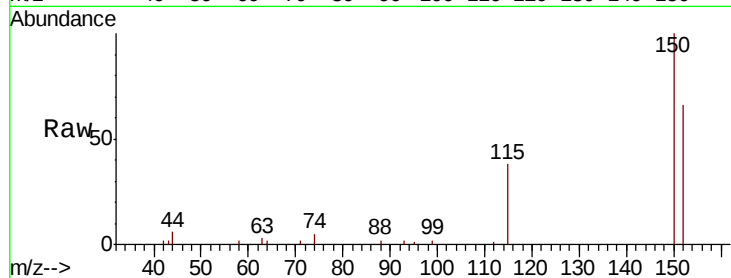


#1

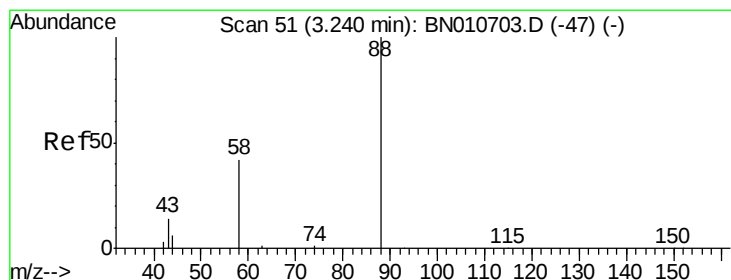
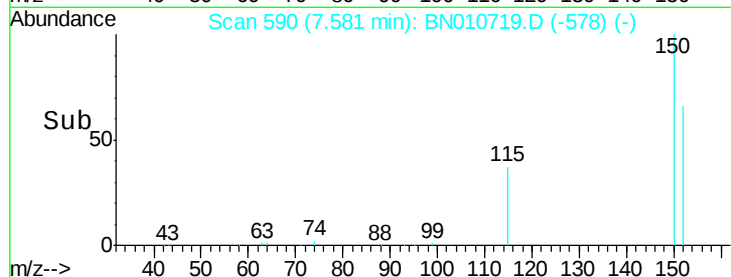
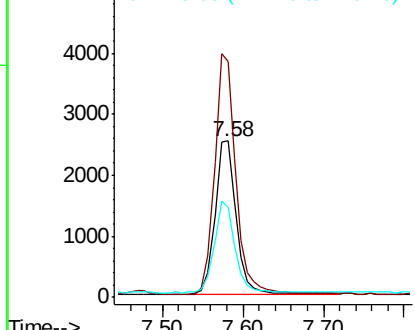
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. -0.00 min
Lab File: BN010719.D
Acq: 14 May 2020 19:20

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion:152 Resp: 4539
Ion Ratio Lower Upper
152 100
150 150.9 119.4 179.0
115 57.5 45.9 68.9



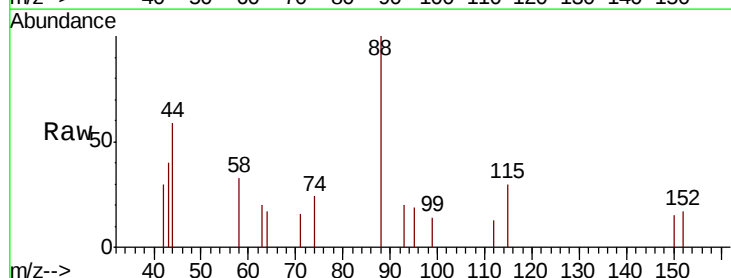
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



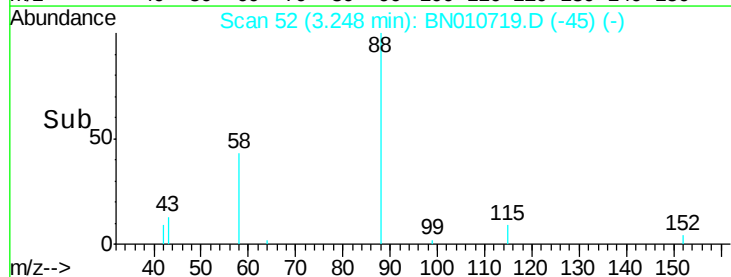
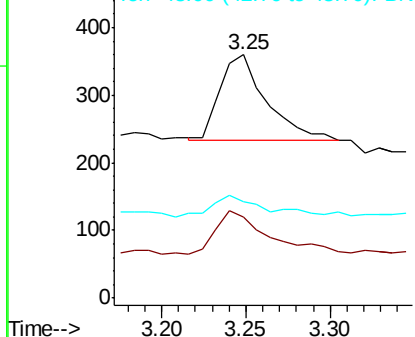
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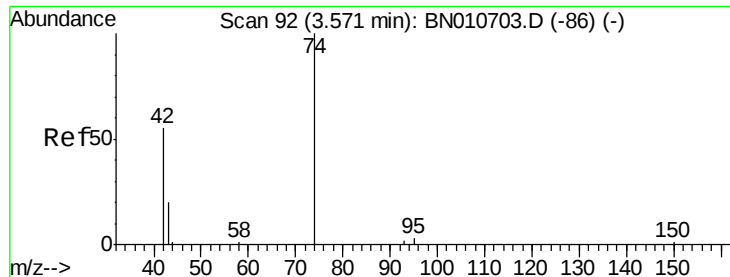
1,4-Dioxane
Concen: 0.061 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.01 min
Lab File: BN010719.D
Acq: 14 May 2020 19:20

Tgt Ion: 88 Resp: 238
Ion Ratio Lower Upper
88 100
58 58.0 39.0 58.6
43 31.5 13.1 19.7#



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



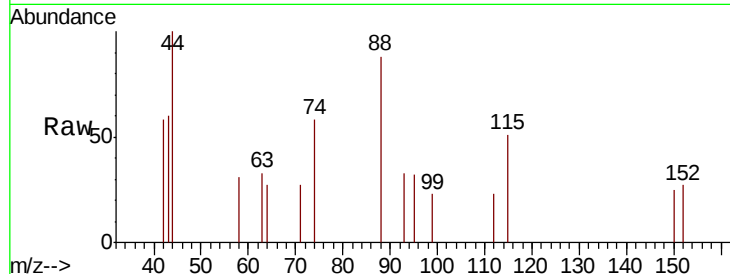


#3

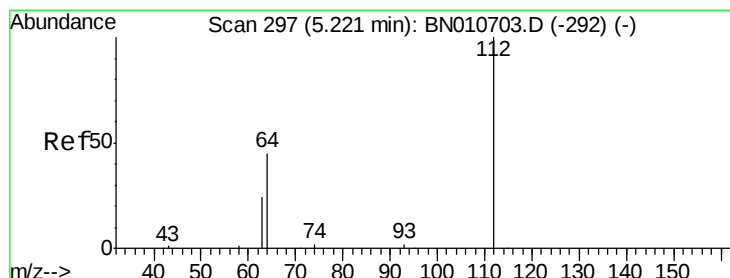
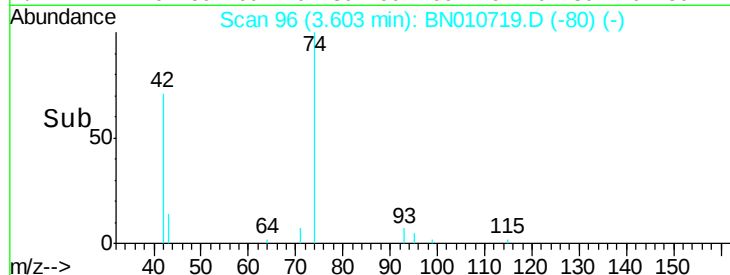
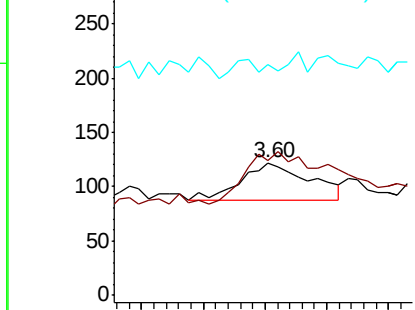
n-Nitrosodimethylamine
 Concen: 0.060 ng
 RT: 3.60 min Scan# 96
 Delta R.T. 0.03 min
 Lab File: BN010719.D
 Acq: 14 May 2020 19:20

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion: 42 Resp: 136
 Ion Ratio Lower Upper
 42 100
 74 158.8 146.2 219.2
 44 0.0 3.0 4.4#



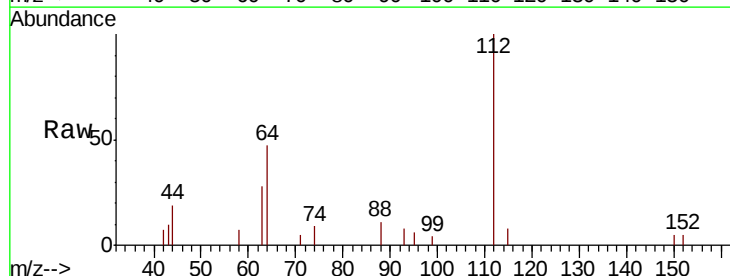
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



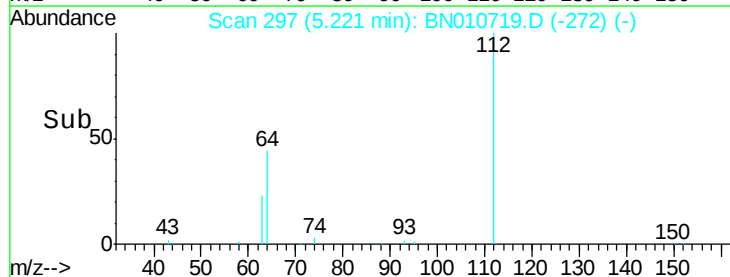
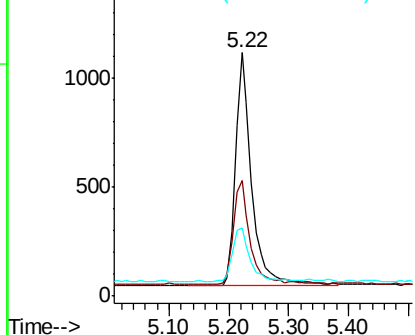
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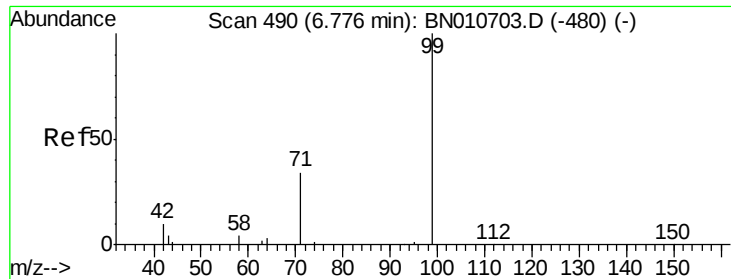
2-Fluorophenol
 Concen: 0.229 ng
 RT: 5.22 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: BN010719.D
 Acq: 14 May 2020 19:20

Tgt Ion: 112 Resp: 2039
 Ion Ratio Lower Upper
 112 100
 64 45.6 36.2 54.4
 63 25.3 19.8 29.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.218 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

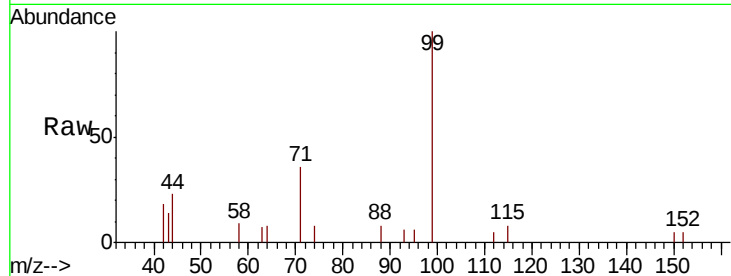
Tot Ion: 99 Resp: 2369

Ion Ratio Lower Upper

99 100

42 12.1 9.8 14.8

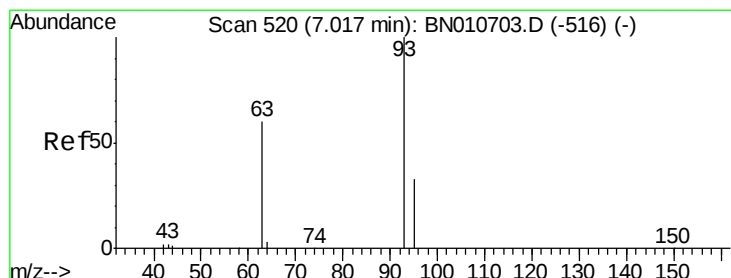
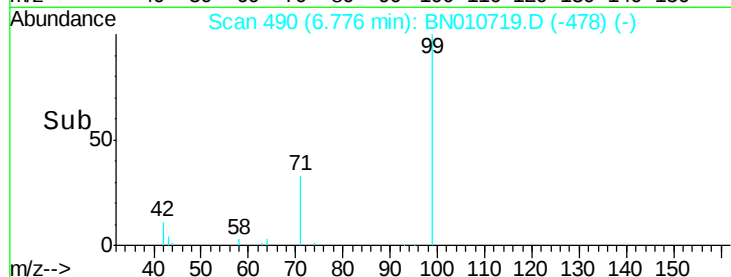
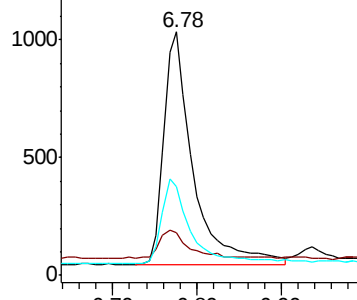
71 35.8 28.6 42.8



Abundance Ion 99.00 (98.70 to 99.70): BN010719.D (-478) (-)

Ion 42.00 (41.70 to 42.70): BN010719.D (-478) (-)

Ion 71.00 (70.70 to 71.70): BN010719.D (-478) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.066 ng

RT: 7.03 min Scan# 521

Delta R.T. 0.01 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

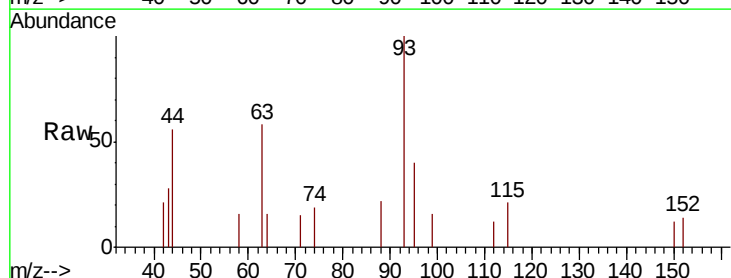
Tgt Ion: 93 Resp: 735

Ion Ratio Lower Upper

93 100

63 56.2 43.1 64.7

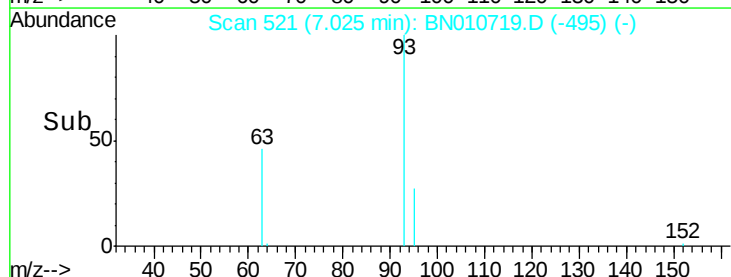
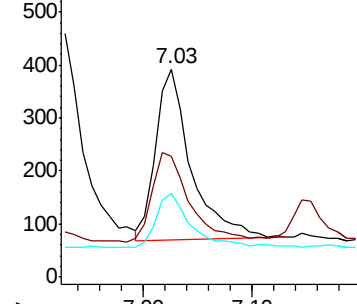
95 31.4 24.6 37.0

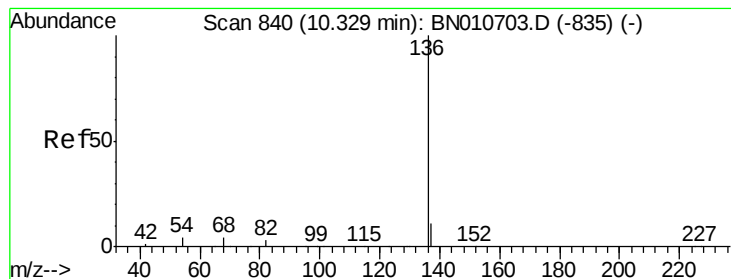


Abundance Ion 93.00 (92.70 to 93.70): BN010719.D (-495) (-)

Ion 63.00 (62.70 to 63.70): BN010719.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BN010719.D (-495) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:136 Resp: 17369

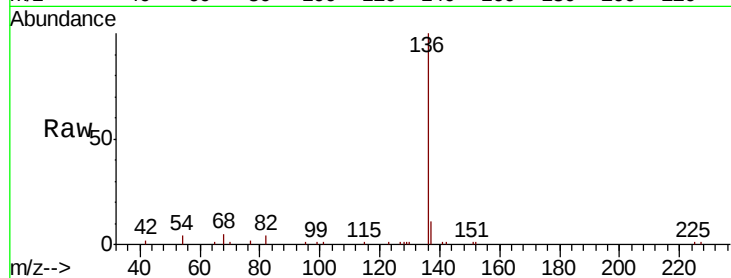
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 4.3 3.6 5.4

68 5.1 4.1 6.1

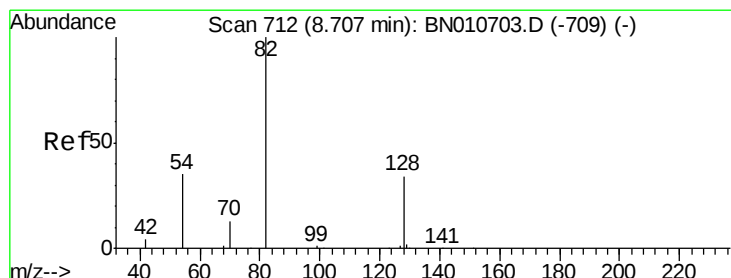
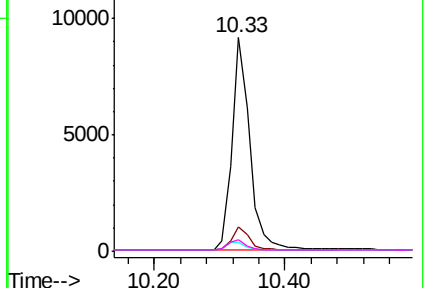
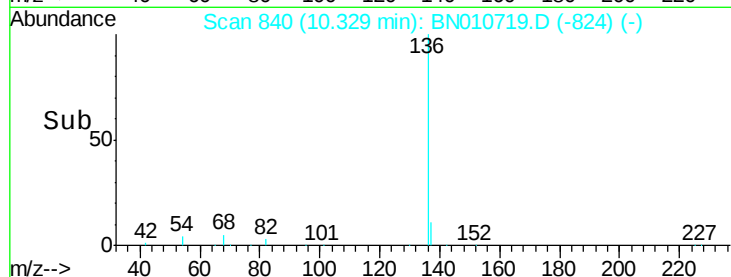


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.236 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.01 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

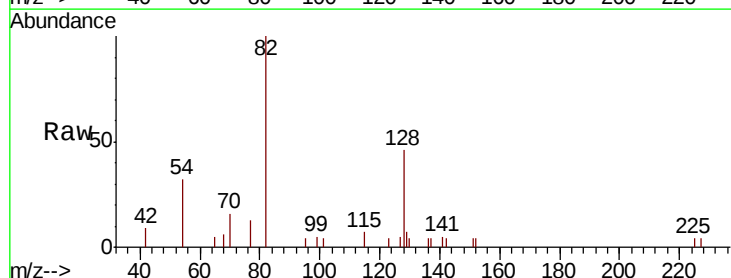
Tgt Ion: 82 Resp: 2852

Ion Ratio Lower Upper

82 100

128 46.0 29.0 43.4#

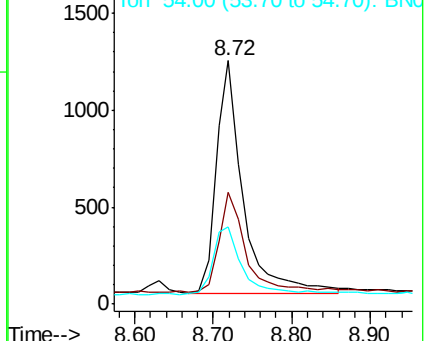
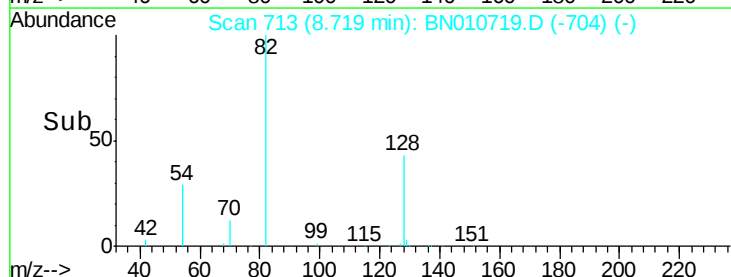
54 31.8 29.3 43.9

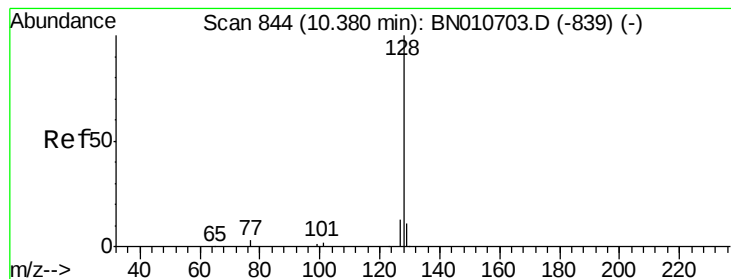


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.066 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

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ClientSampleId :

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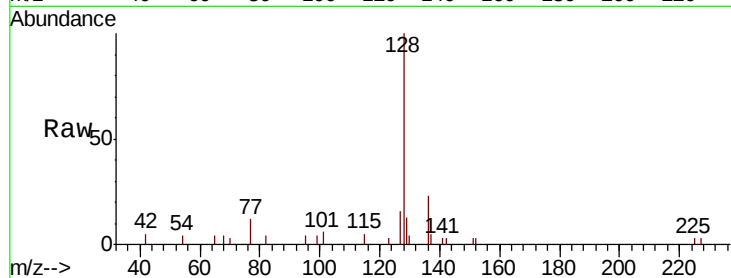
Tot Ion:128 Resp: 2896

Ion Ratio Lower Upper

128 100

129 13.3 9.3 13.9

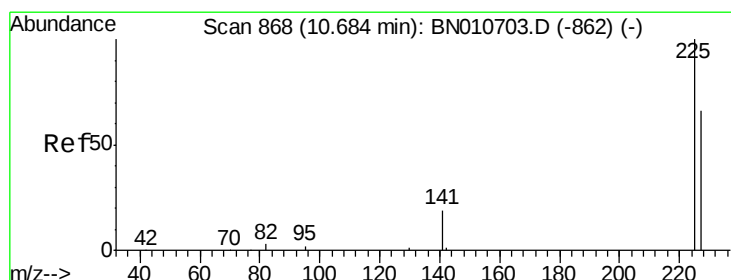
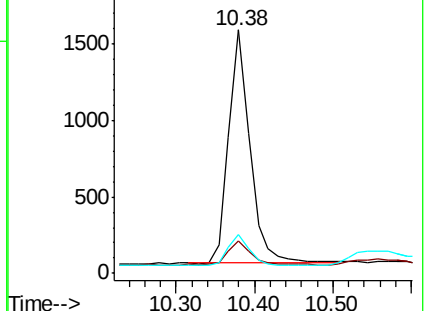
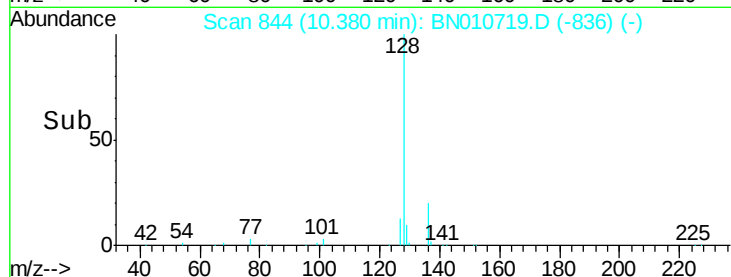
127 15.9 11.0 16.6



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

Hexachlorobutadiene

Concen: 0.064 ng

RT: 10.67 min Scan# 867

Delta R.T. -0.01 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

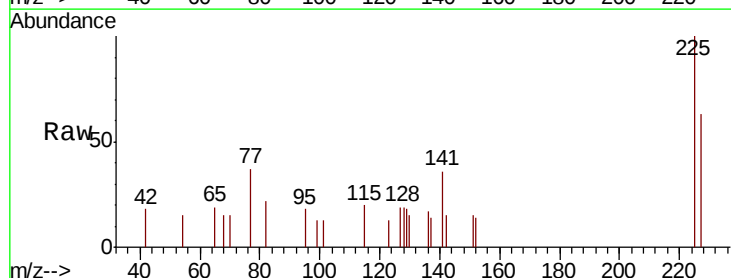
Tgt Ion:225 Resp: 638

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

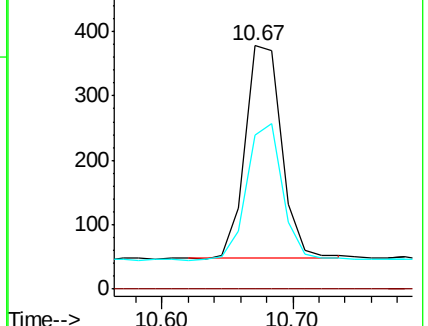
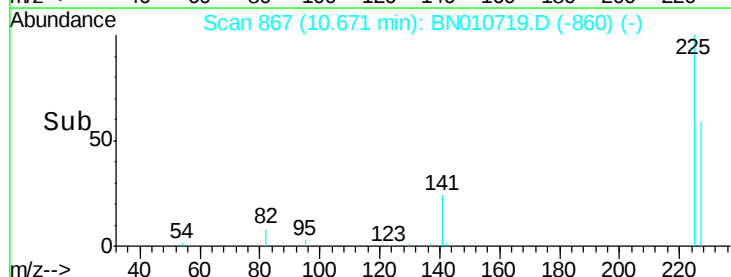
227 63.8 50.7 76.1

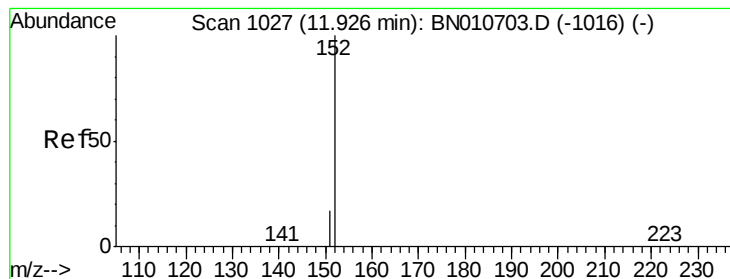


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.212 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

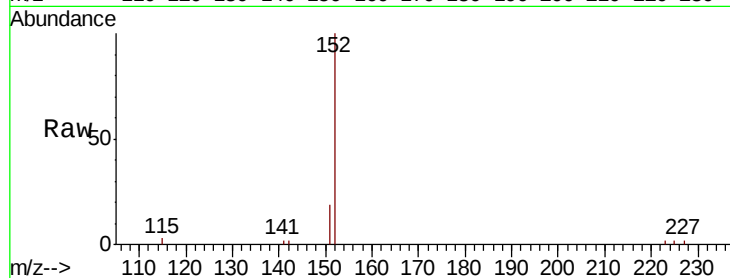
LOQ-WATER-02-QT2-2020

Tot Ion:152 Resp: 6013

Ion Ratio Lower Upper

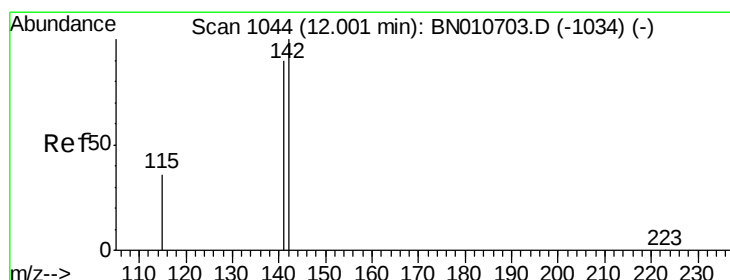
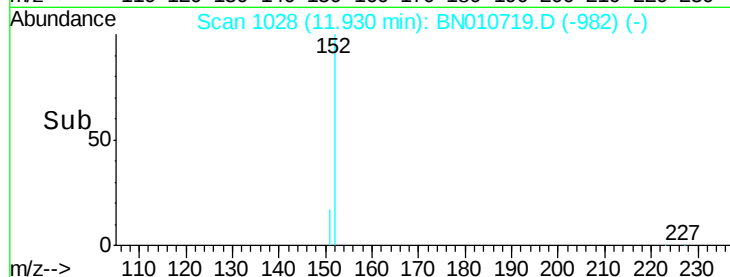
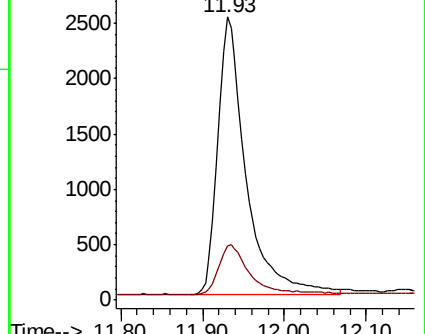
152 100

151 18.9 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.064 ng

RT: 12.01 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

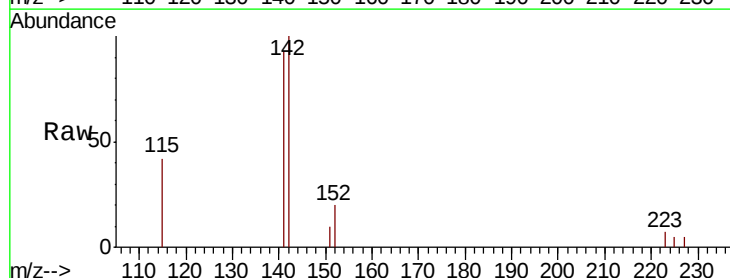
Tgt Ion:142 Resp: 1962

Ion Ratio Lower Upper

142 100

141 92.9 71.7 107.5

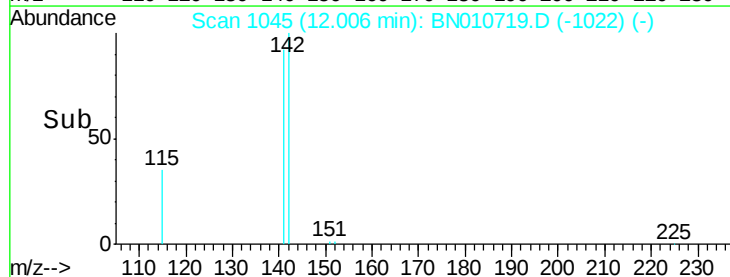
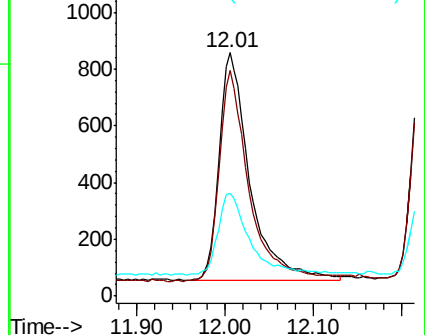
115 42.1 29.8 44.6

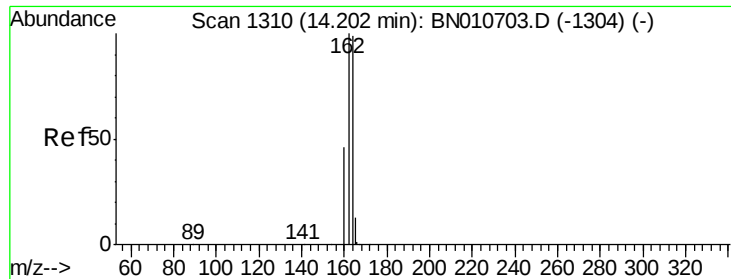


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.20 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

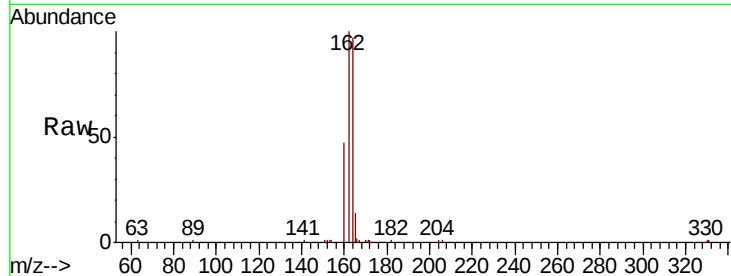
Tot Ion:164 Resp: 10472

Ion Ratio Lower Upper

164 100

162 103.4 81.1 121.7

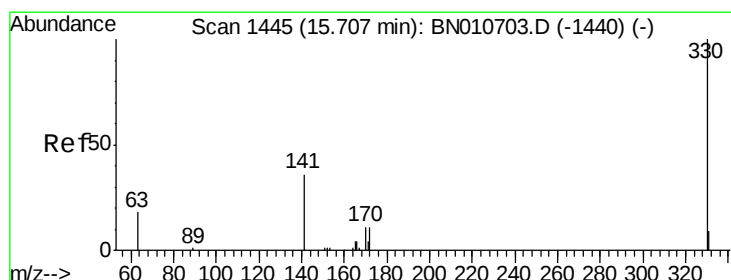
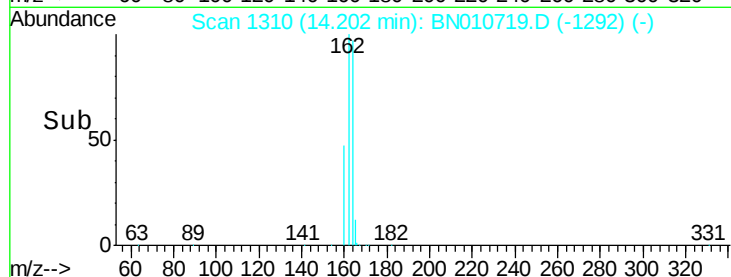
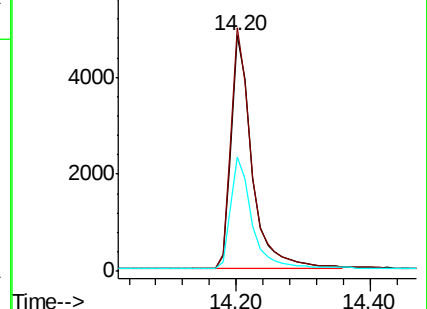
160 48.8 37.9 56.9



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: 0.192 ng

RT: 15.72 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

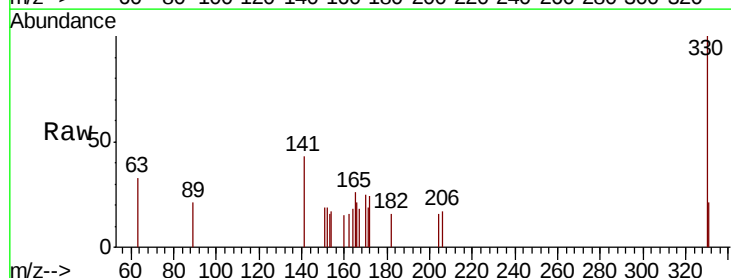
Tgt Ion:330 Resp: 728

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

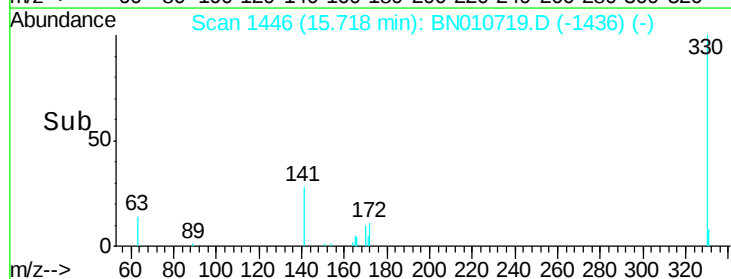
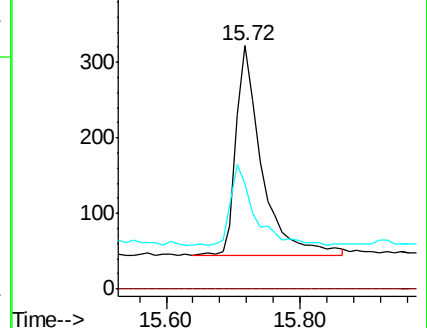
141 37.4 28.8 43.2

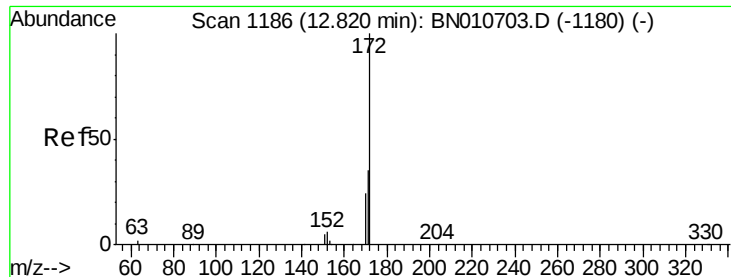


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

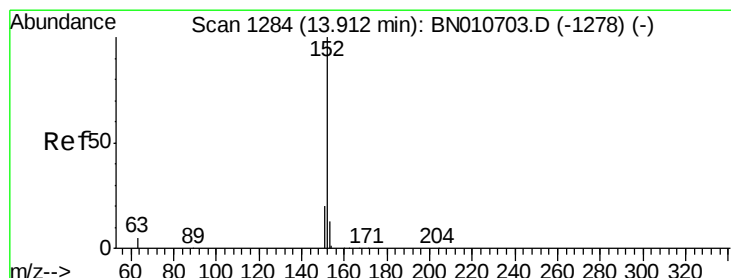
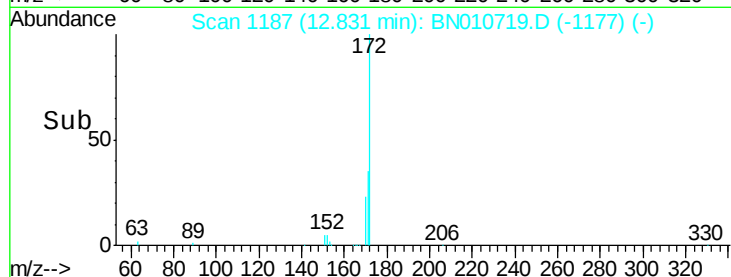
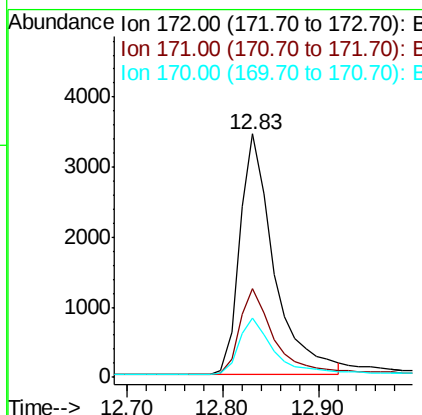
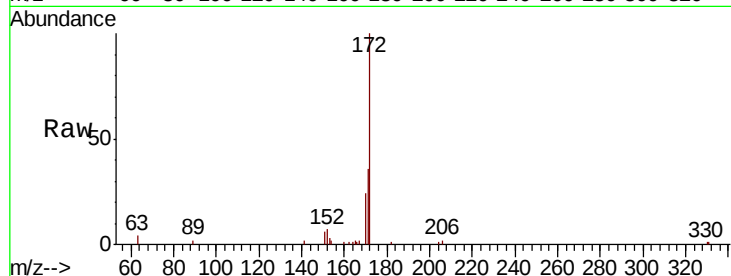




#15
2-Fluorobiphenyl
Concen: 0.222 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BN010719.D
Acq: 14 May 2020 19:20

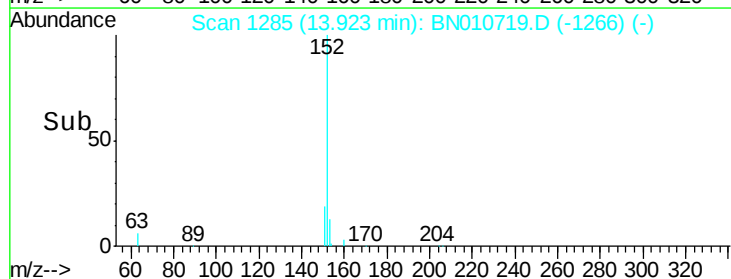
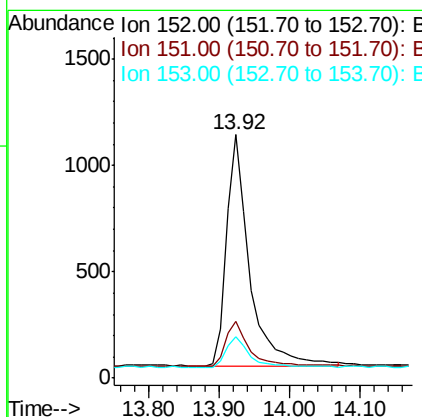
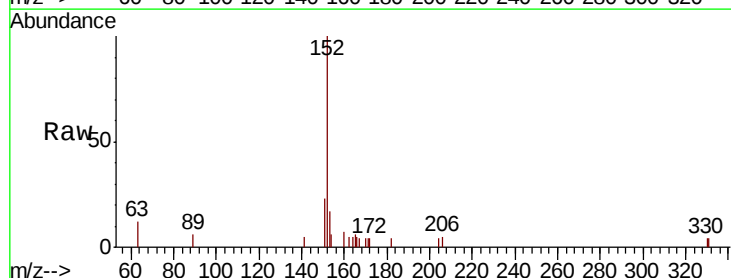
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

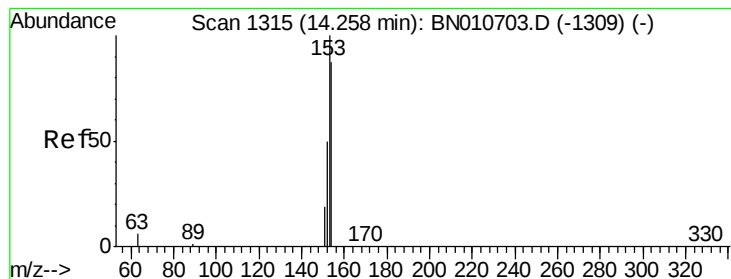
Tot Ion:172 Resp: 8547
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 24.4 19.8 29.8



#16
Acenaphthylene
Concen: 0.059 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BN010719.D
Acq: 14 May 2020 19:20

Tgt Ion:152 Resp: 2510
Ion Ratio Lower Upper
152 100
151 20.9 15.6 23.4
153 14.3 10.4 15.6





#17

Acenaphthene

Concen: 0.062 ng

RT: 14.27 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

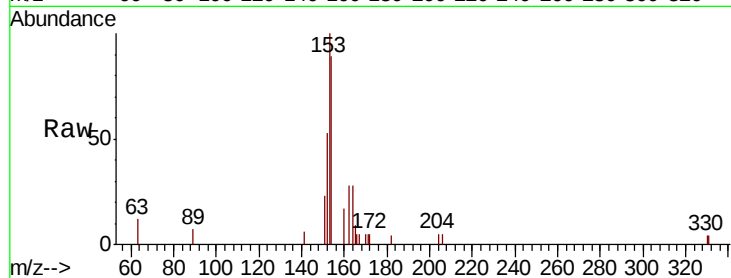
Tot Ion:154 Resp: 1805

Ion Ratio Lower Upper

154 100

153 118.6 91.5 137.3

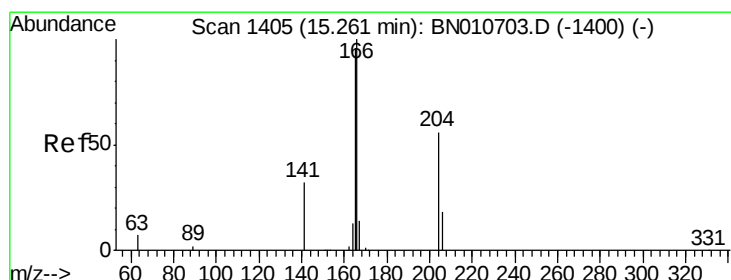
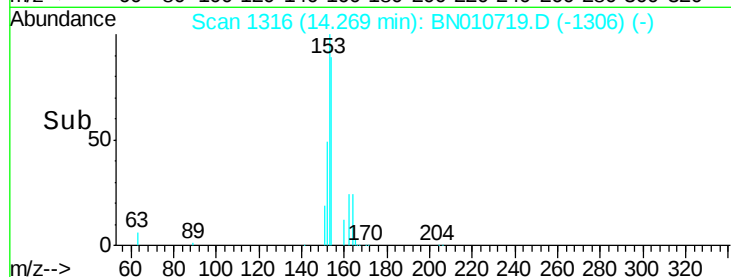
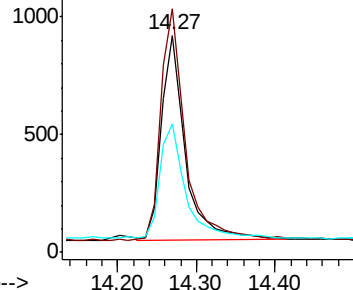
152 60.0 45.6 68.4



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: 0.062 ng

RT: 15.27 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

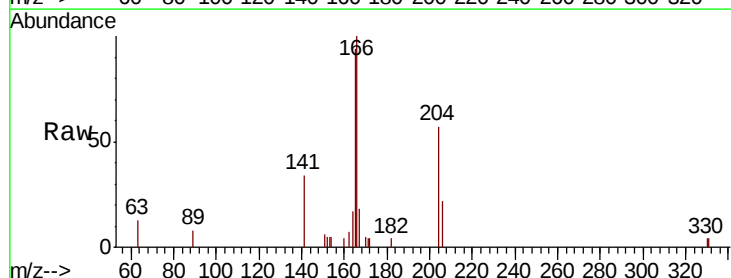
Tgt Ion:166 Resp: 2346

Ion Ratio Lower Upper

166 100

165 97.1 77.9 116.9

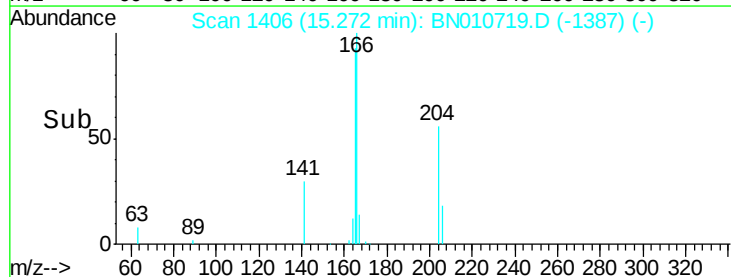
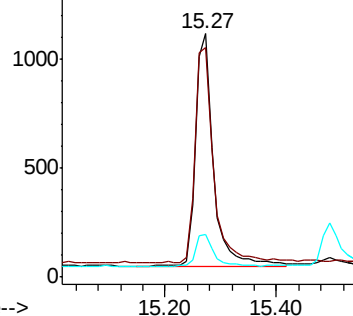
167 13.5 11.0 16.4

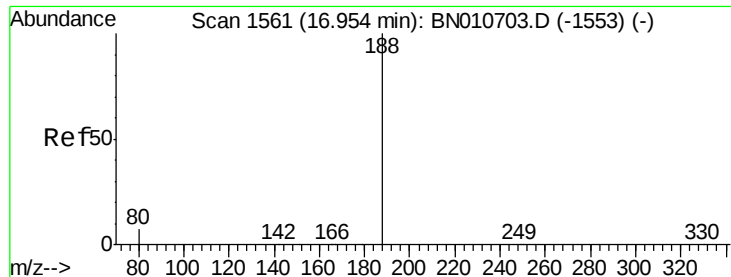


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.95 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

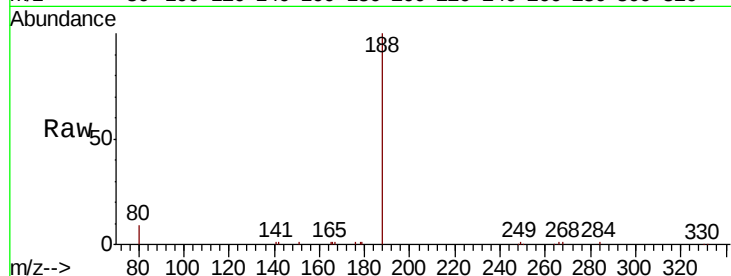
Tot Ion:188 Resp: 21180

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

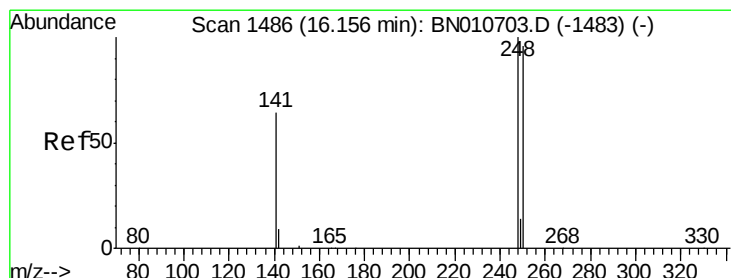
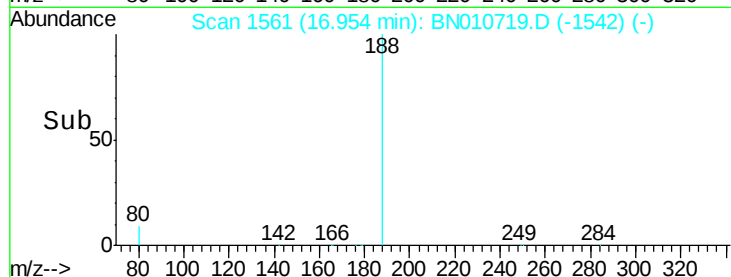
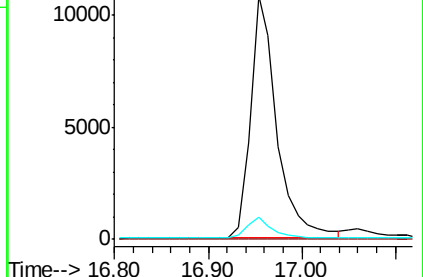
80 9.1 6.3 9.5



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: 0.057 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

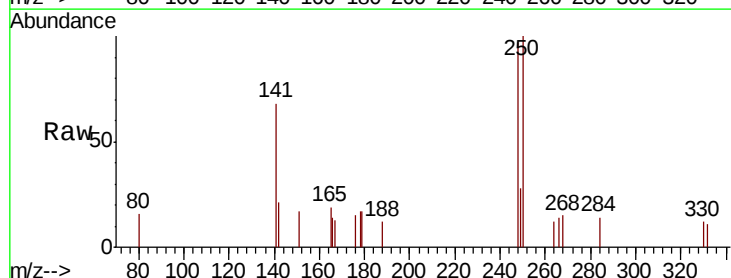
Tgt Ion:248 Resp: 665

Ion Ratio Lower Upper

248 100

250 102.6 77.4 116.0

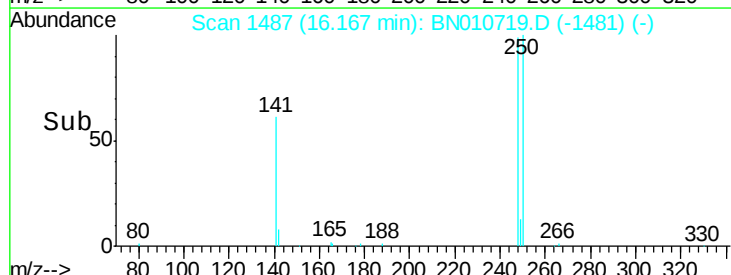
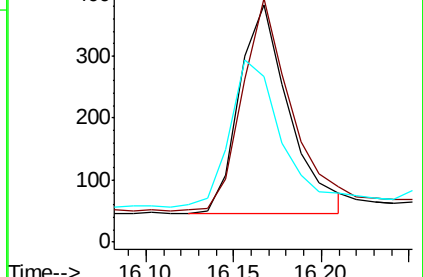
141 69.5 53.1 79.7

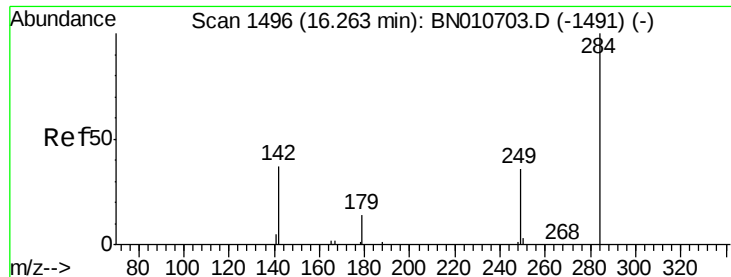


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.068 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

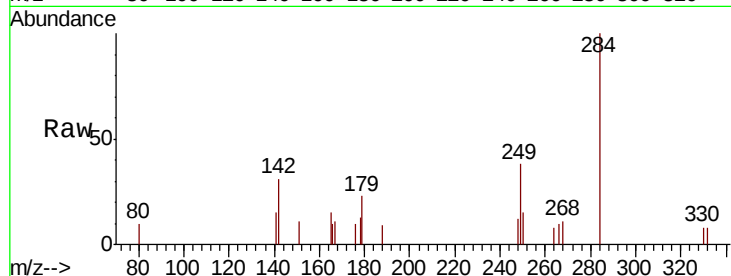
Tot Ion:284 Resp: 946

Ion Ratio Lower Upper

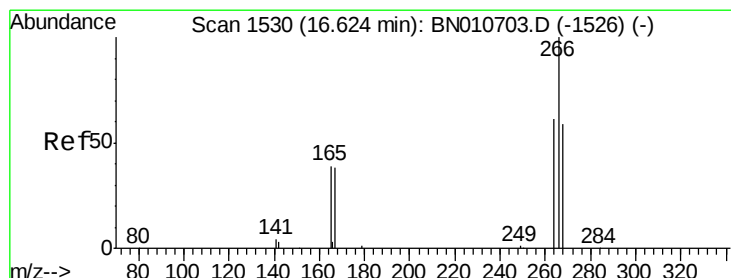
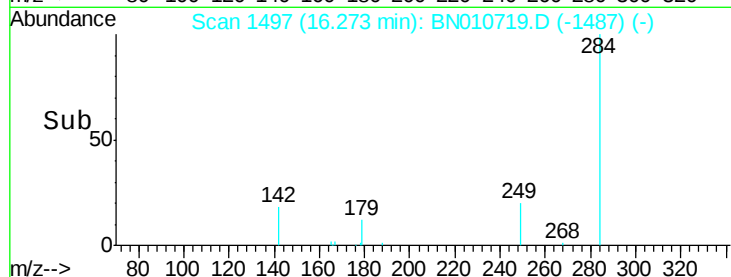
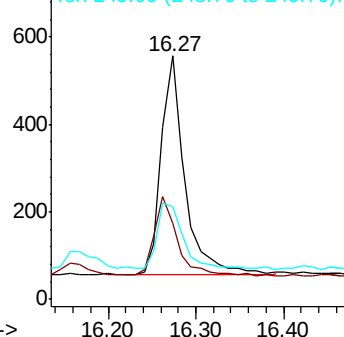
284 100

142 35.5 28.2 42.2

249 33.7 26.4 39.6



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: 0.102 ng

RT: 16.63 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

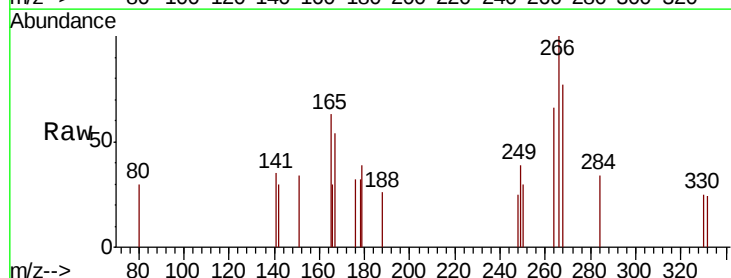
Tgt Ion:266 Resp: 440

Ion Ratio Lower Upper

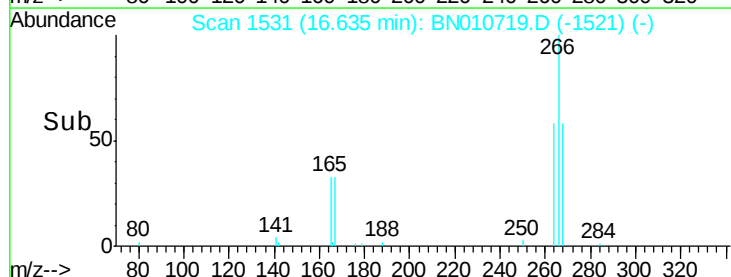
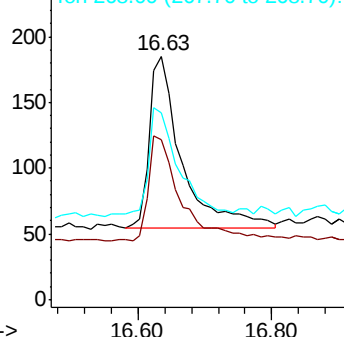
266 100

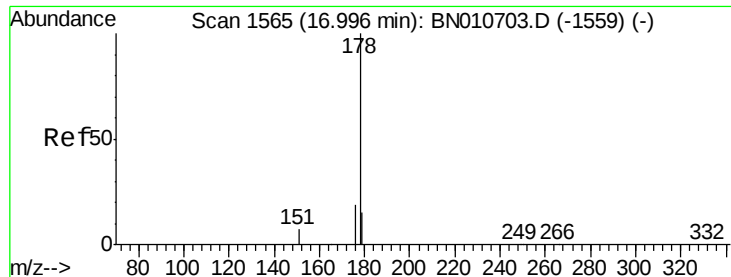
264 65.9 51.1 76.7

268 76.8 52.1 78.1



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: 0.065 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

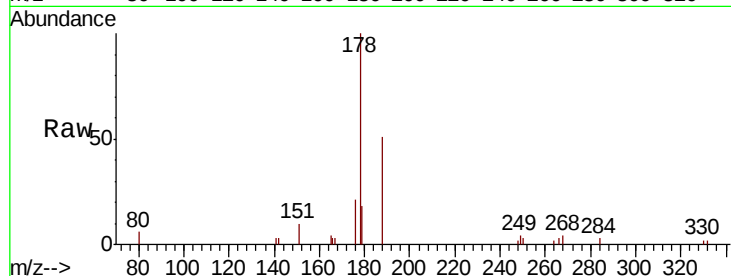
Tot Ion:178 Resp: 3681

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

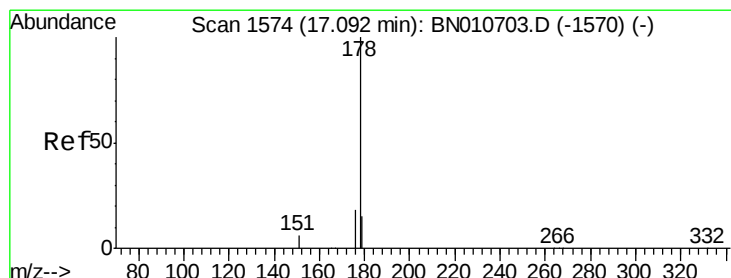
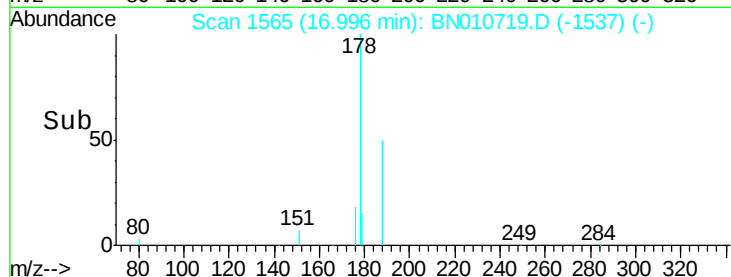
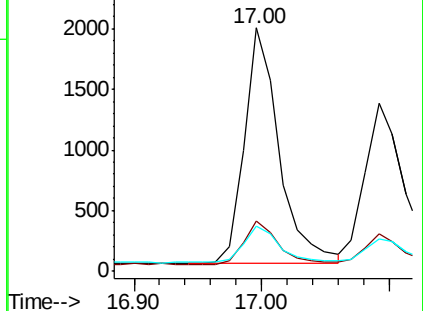
179 16.6 12.2 18.4



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: 0.061 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

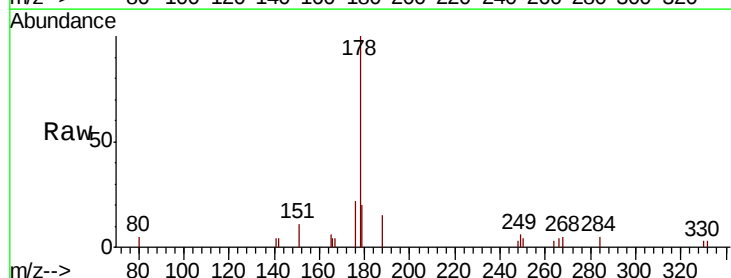
Tgt Ion:178 Resp: 2934

Ion Ratio Lower Upper

178 100

176 16.7 14.7 22.1

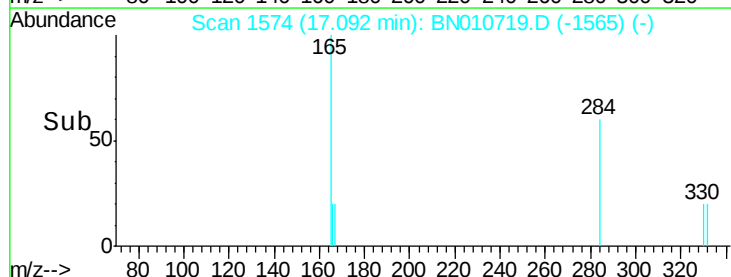
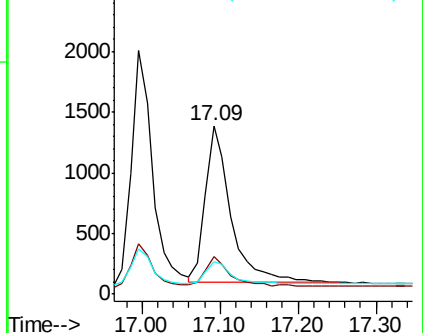
179 13.9 12.3 18.5

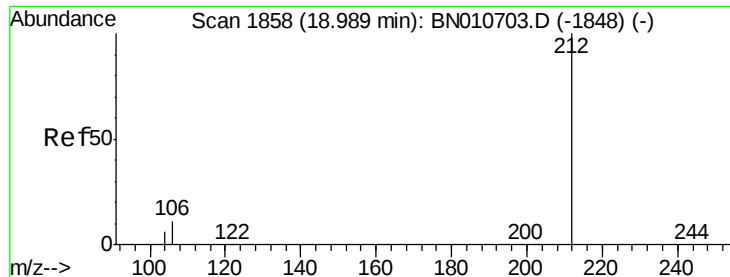


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.220 ng

RT: 18.99 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

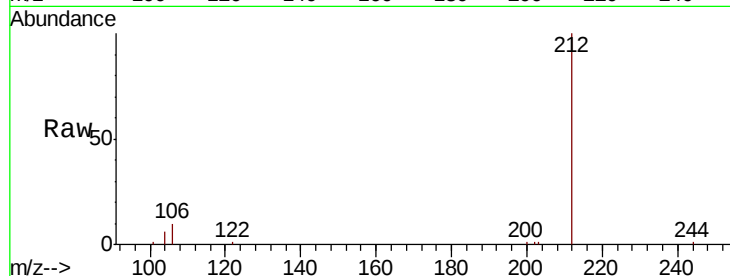
Tot Ion:212 Resp: 12616

Ion Ratio Lower Upper

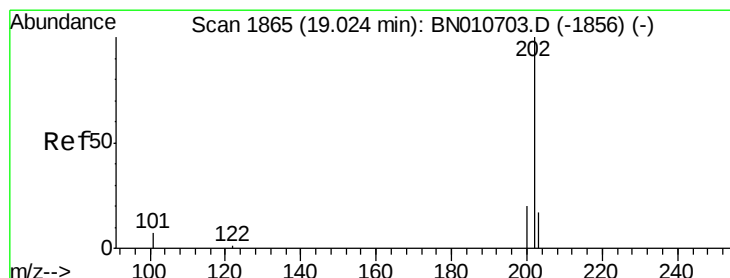
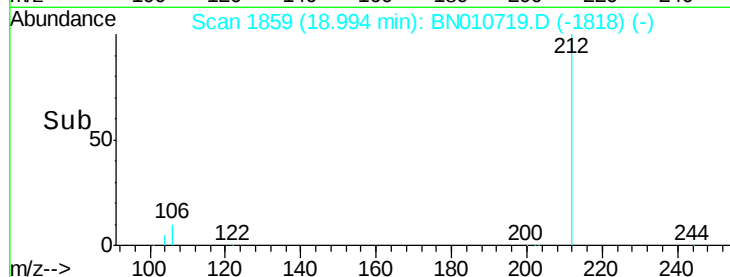
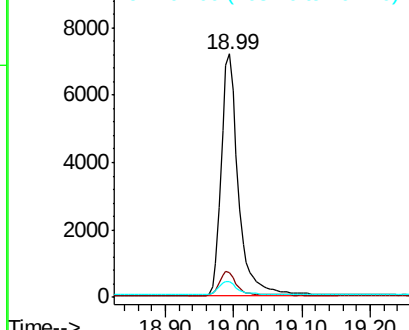
212 100

106 9.9 8.2 12.2

104 5.9 4.7 7.1



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: 0.065 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

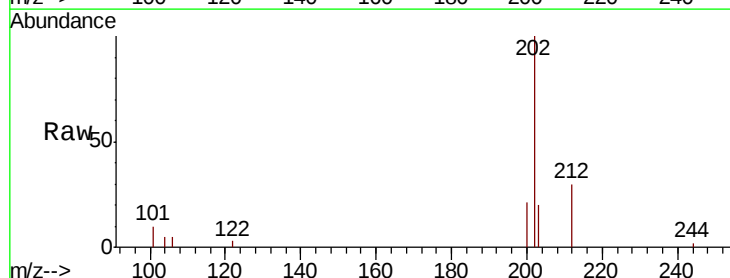
Tgt Ion:202 Resp: 4221

Ion Ratio Lower Upper

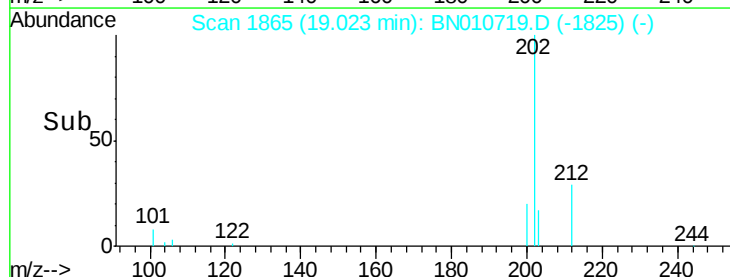
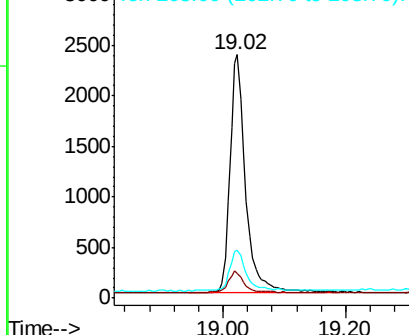
202 100

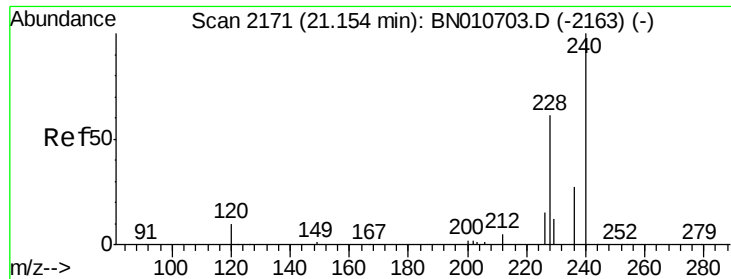
101 9.7 6.7 10.1

203 17.2 13.4 20.0



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: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

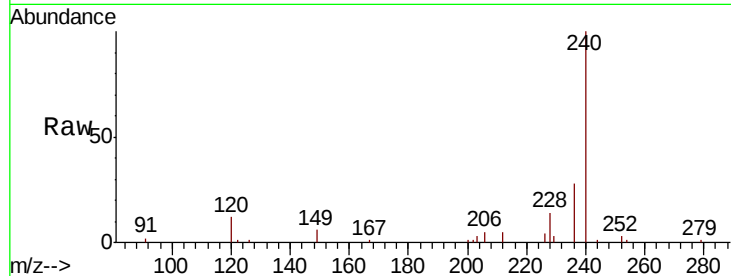
Tot Ion:240 Resp: 17977

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

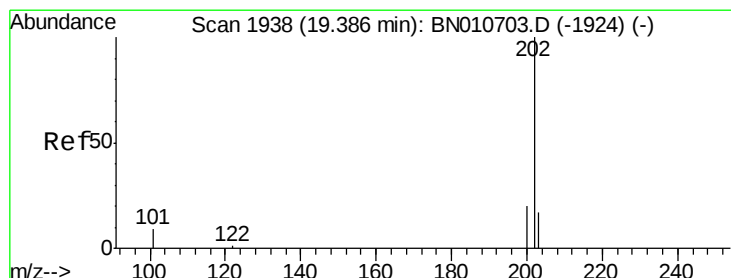
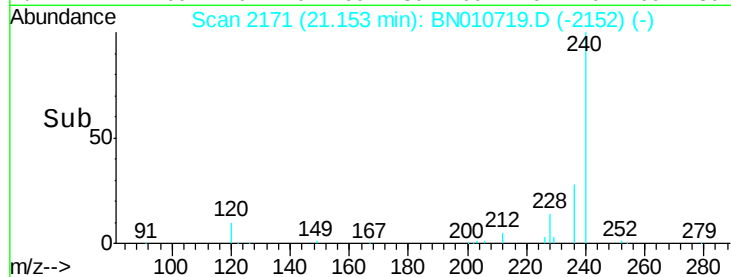
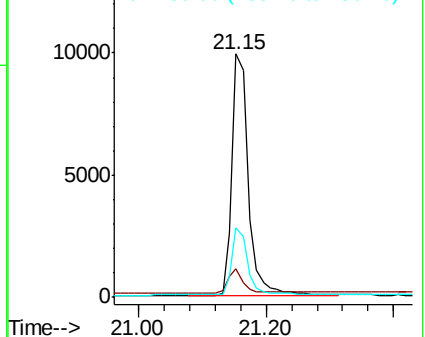
236 28.4 22.5 33.7



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: 0.064 ng

RT: 19.39 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

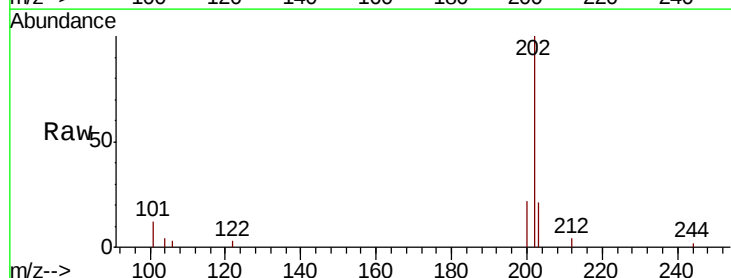
Tgt Ion:202 Resp: 4132

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.4

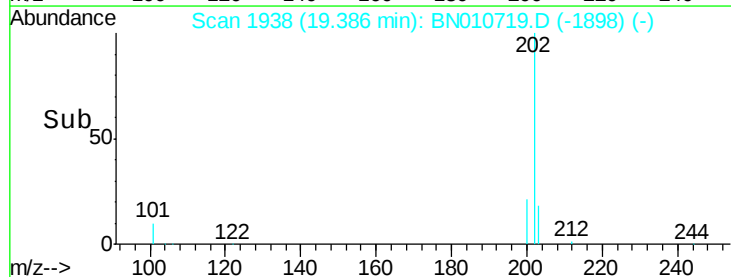
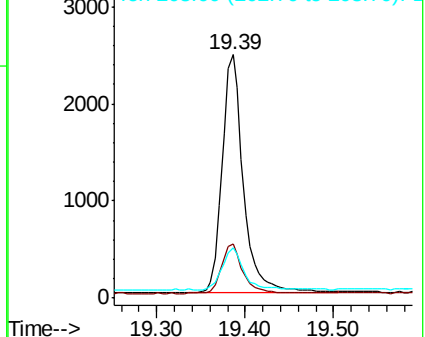
203 18.2 14.1 21.1

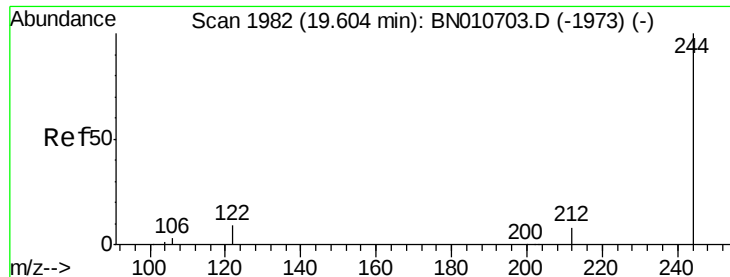


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.232 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

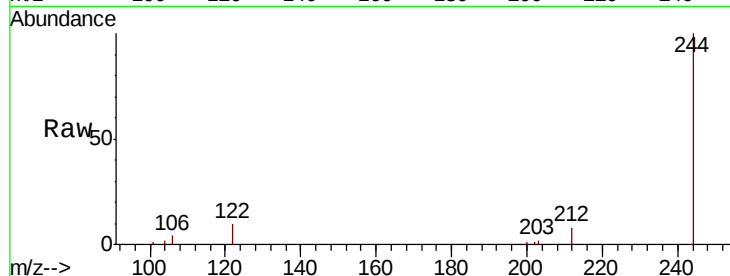
Tot Ion:244 Resp: 9910

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

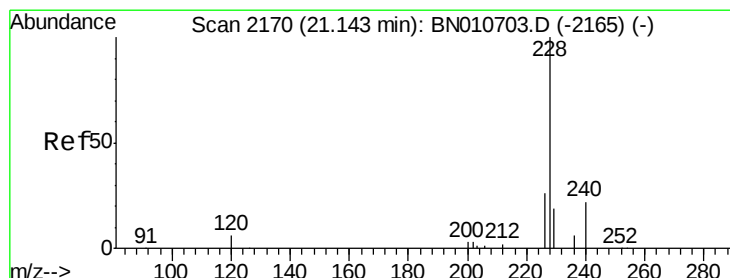
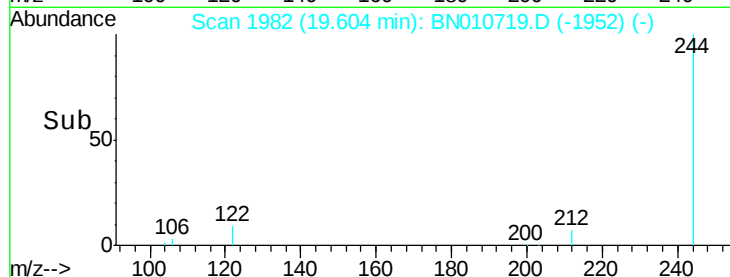
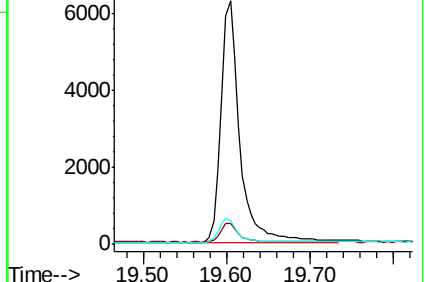
122 9.6 8.1 12.1



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: 0.067 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

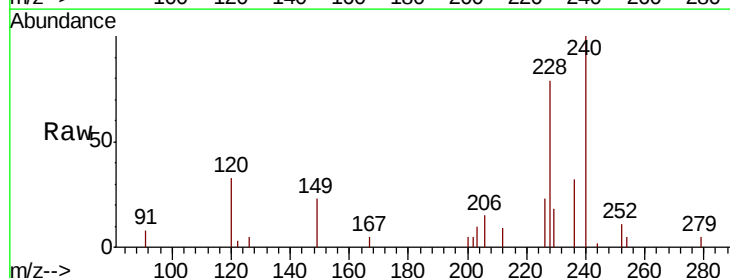
Tgt Ion:228 Resp: 3498

Ion Ratio Lower Upper

228 100

226 28.9 21.3 31.9

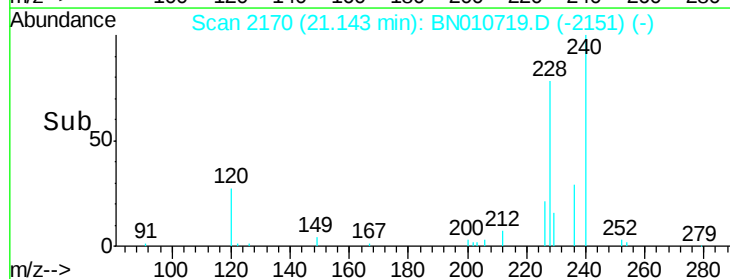
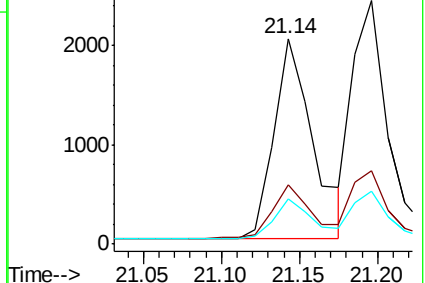
229 22.3 16.0 24.0

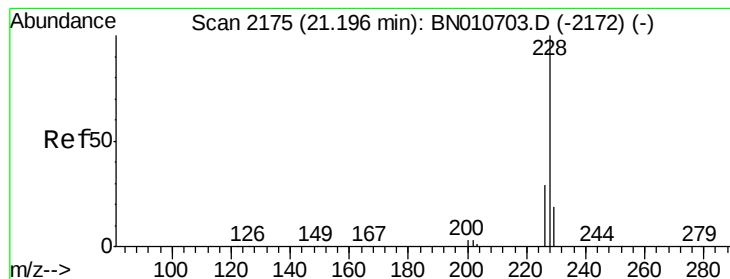


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.062 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

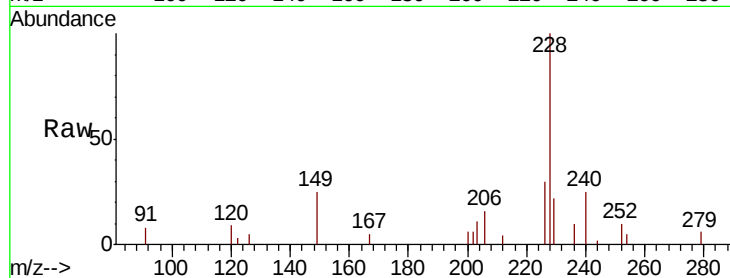
Tot Ion:228 Resp: 3710

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

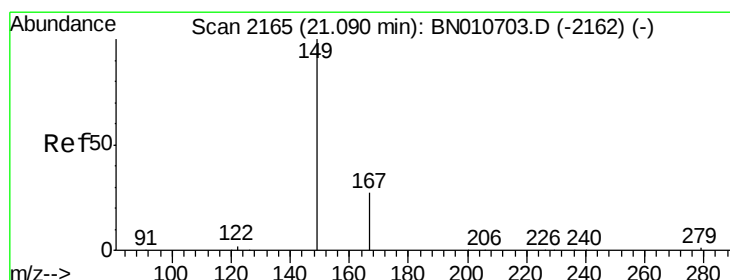
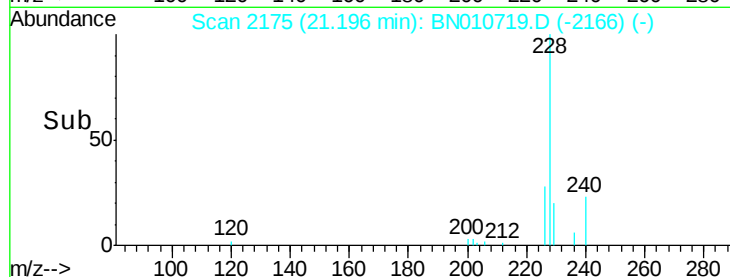
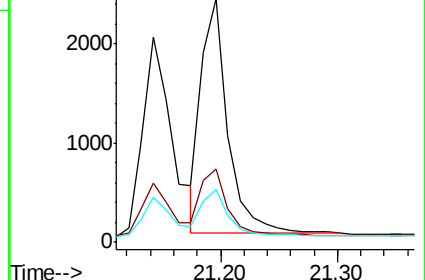
229 21.7 16.1 24.1



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: 0.085 ng

RT: 21.09 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

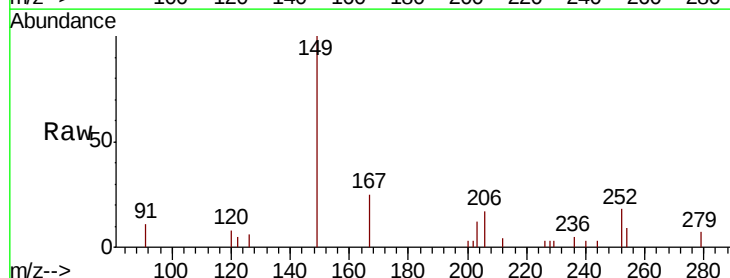
Tgt Ion:149 Resp: 1944

Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

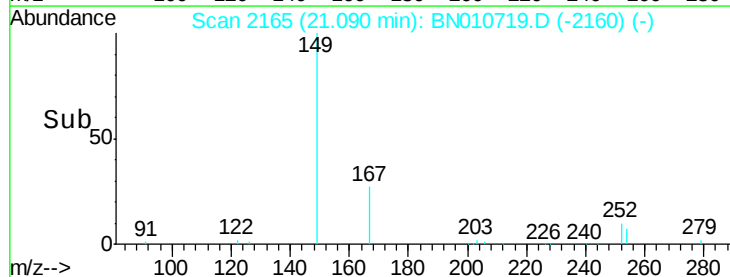
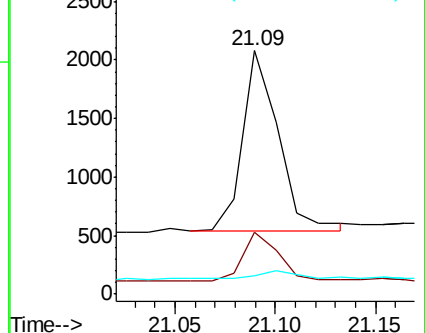
279 4.1 4.1 6.1

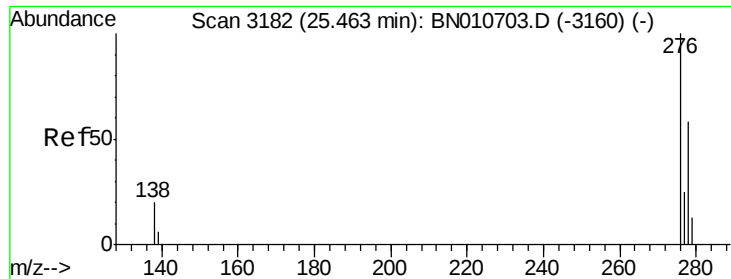


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.065 ng

RT: 25.48 min Scan# 3186

Delta R.T. 0.01 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

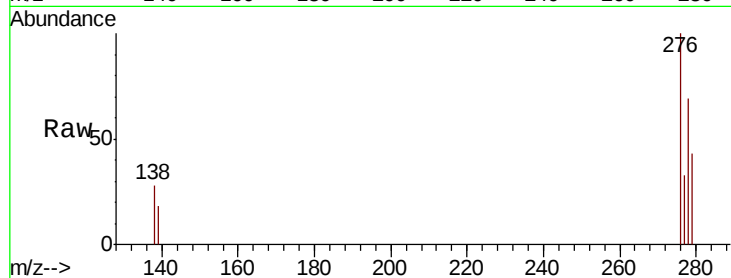
Tot Ion:276 Resp: 3441

Ion Ratio Lower Upper

276 100

138 18.7 15.1 22.7

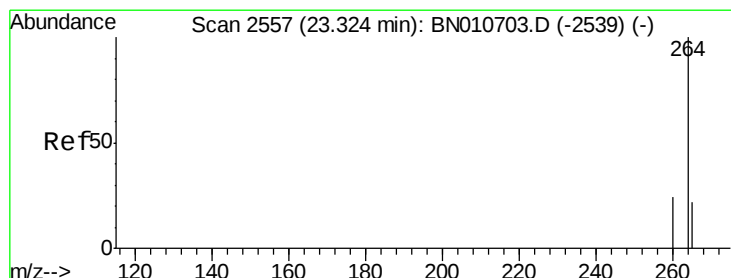
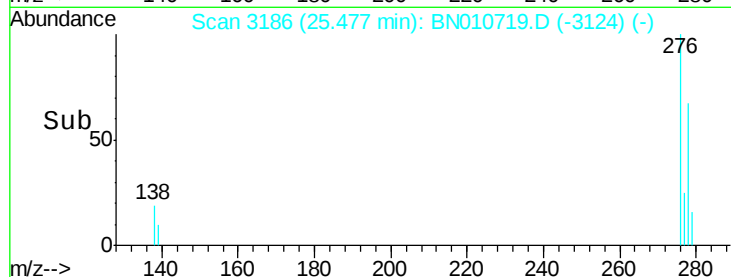
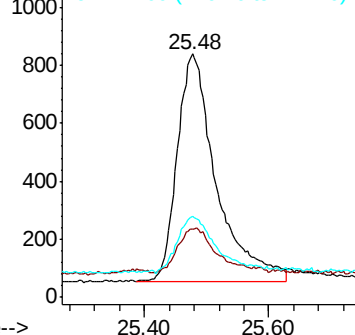
277 24.1 19.4 29.0



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: 23.32 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

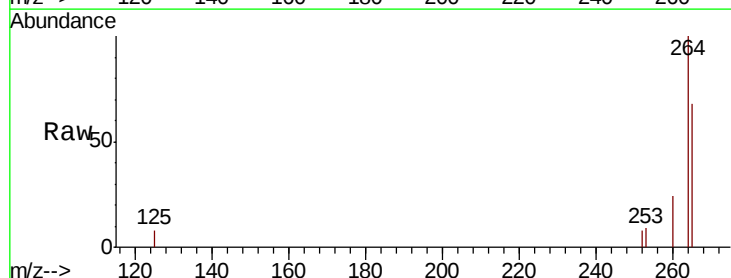
Tgt Ion:264 Resp: 16537

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

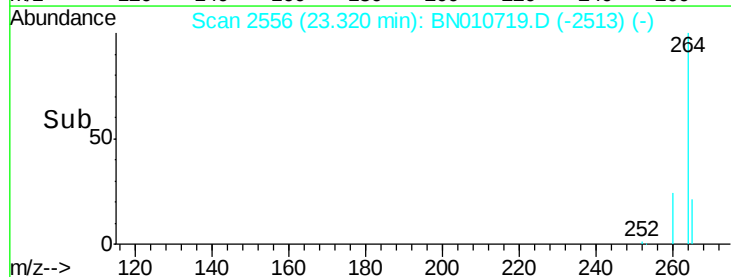
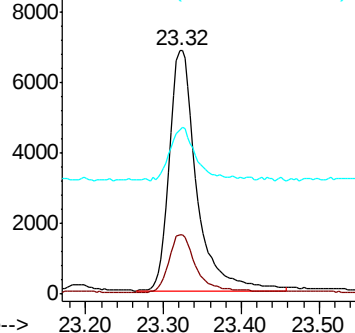
265 67.7 70.1 105.1#

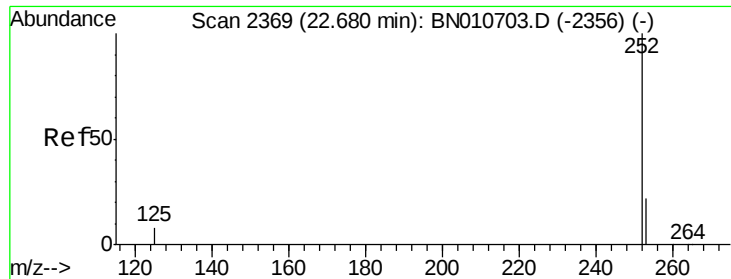


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.062 ng

RT: 22.68 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

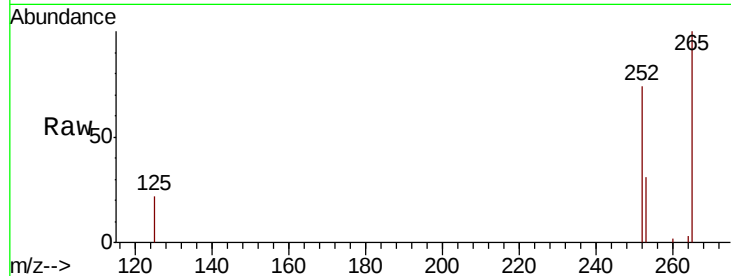
Tot Ion:252 Resp: 3385

Ion Ratio Lower Upper

252 100

253 42.1 22.0 33.0#

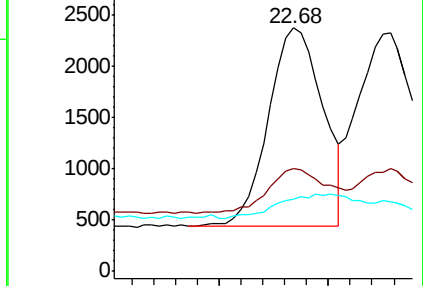
125 29.9 10.8 16.2#



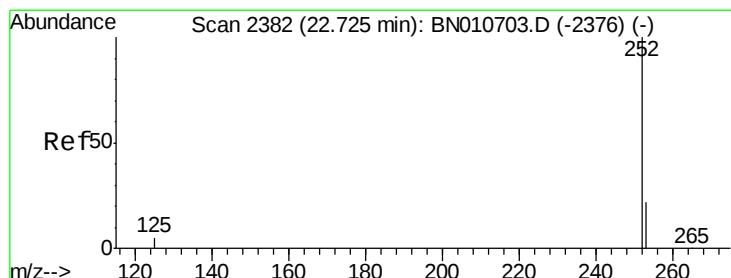
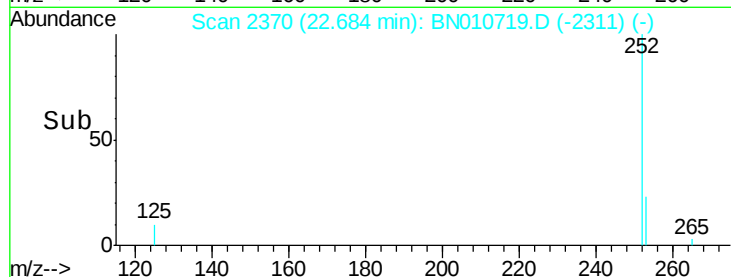
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#36

Benzo(k)fluoranthene

Concen: 0.068 ng

RT: 22.73 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

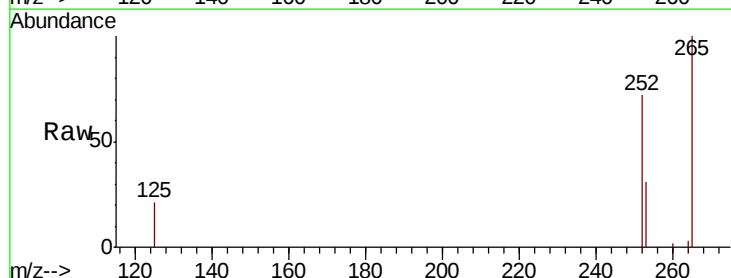
Tgt Ion:252 Resp: 3989

Ion Ratio Lower Upper

252 100

253 42.9 21.9 32.9#

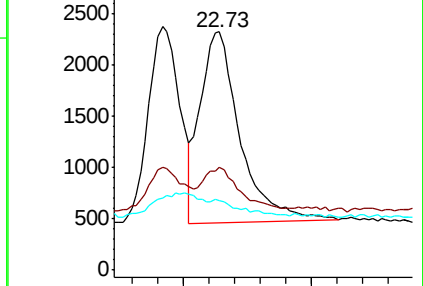
125 29.3 11.1 16.7#



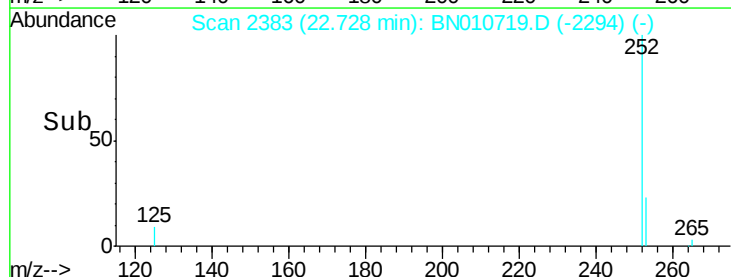
Abundance Ion 252.00 (251.70 to 252.70): E

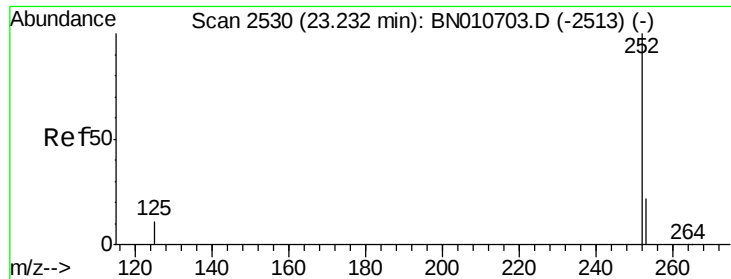
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#37

Benzo(a)pyrene

Concen: 0.060 ng

RT: 23.23 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

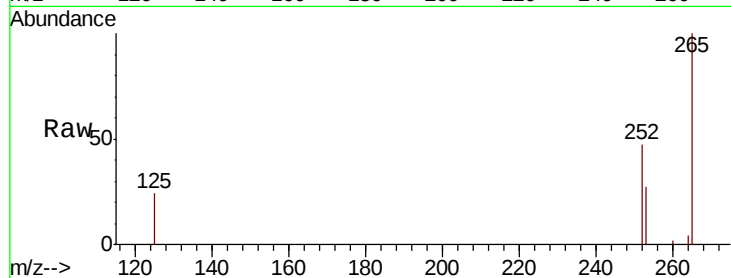
Tot Ion:252 Resp: 2860

Ion Ratio Lower Upper

252 100

253 58.3 24.8 37.2#

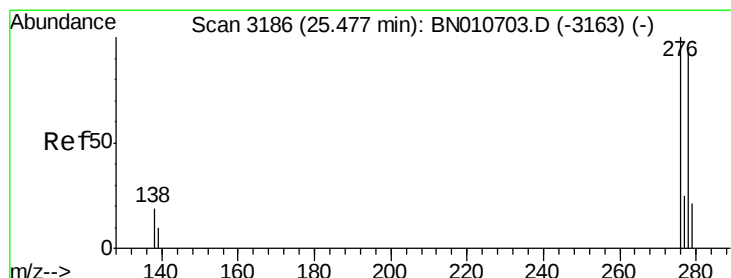
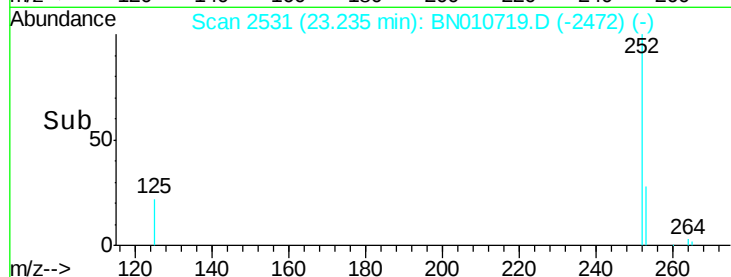
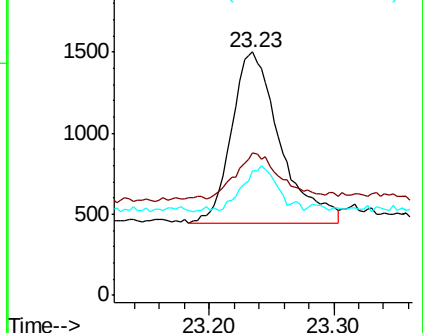
125 51.4 15.8 23.6#



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: 0.067 ng

RT: 25.49 min Scan# 3190

Delta R.T. 0.01 min

Lab File: BN010719.D

Acq: 14 May 2020 19:20

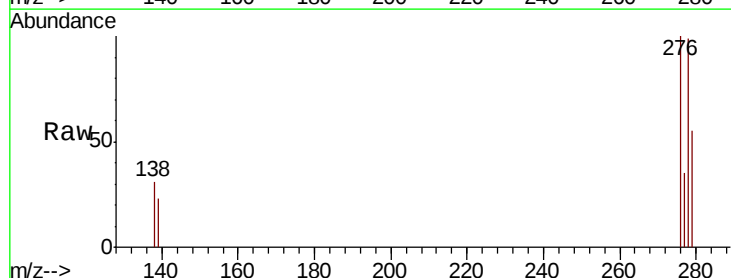
Tgt Ion:278 Resp: 2712

Ion Ratio Lower Upper

278 100

139 23.5 13.0 19.4#

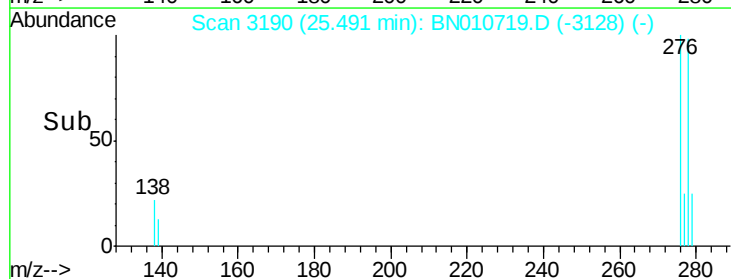
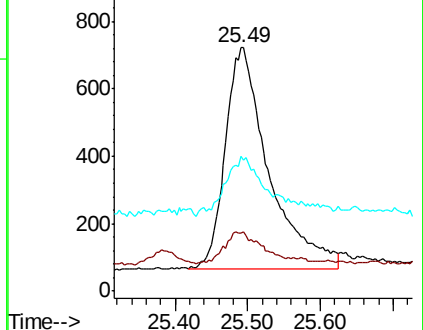
279 55.1 25.1 37.7#

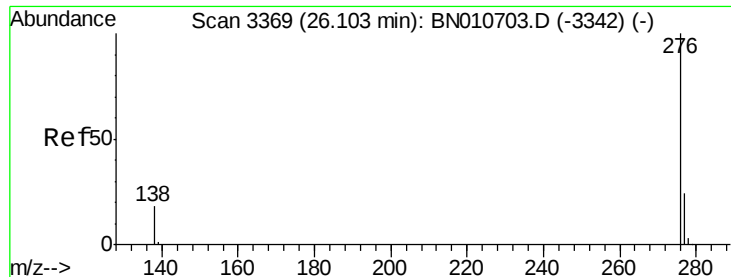


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.068 ng

RT: 26.12 min Scan# 3373

Delta R.T. 0.01 min

Lab File: BN010719.D

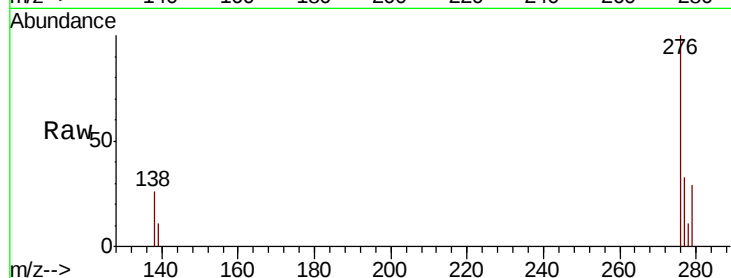
Acq: 14 May 2020 19:20

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020



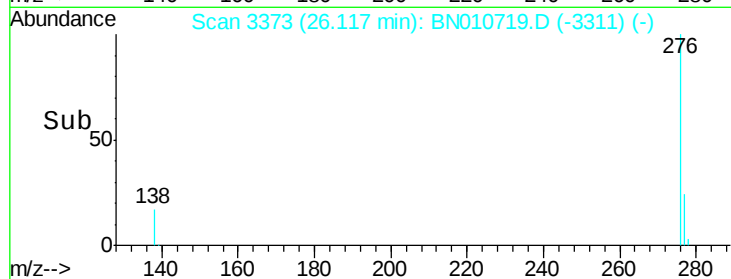
Tot Ion:276 Resp: 3245

Ion Ratio Lower Upper

276 100

277 32.9 20.6 30.8#

138 26.1 16.0 24.0#



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

