

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
 Data File : BN010716.D
 Acq On : 14 May 2020 17:33
 Operator : CG/JU
 Sample : L2182-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Quant Time: May 14 18:47:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:56:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4507	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	17223	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10523	0.40	ng	0.02
19) Phenanthrene-d10	16.96	188	22593	0.40	ng	0.00
27) Chrysene-d12	21.16	240	18763	0.40	ng	0.00
34) Perylene-d12	23.33	264	17724	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	2091	0.24	ng	0.00
5) Phenol-d6	6.78	99	2380	0.22	ng	0.00
8) Nitrobenzene-d5	8.72	82	2790	0.23	ng	0.01
11) 2-Methylnaphthalene-d10	11.93	152	6299	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	766	0.20	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	8996	0.23	ng	0.00
25) Fluoranthene-d10	18.99	212	13441	0.22	ng	0.00
29) Terphenyl-d14	19.60	244	10604	0.24	ng	0.00

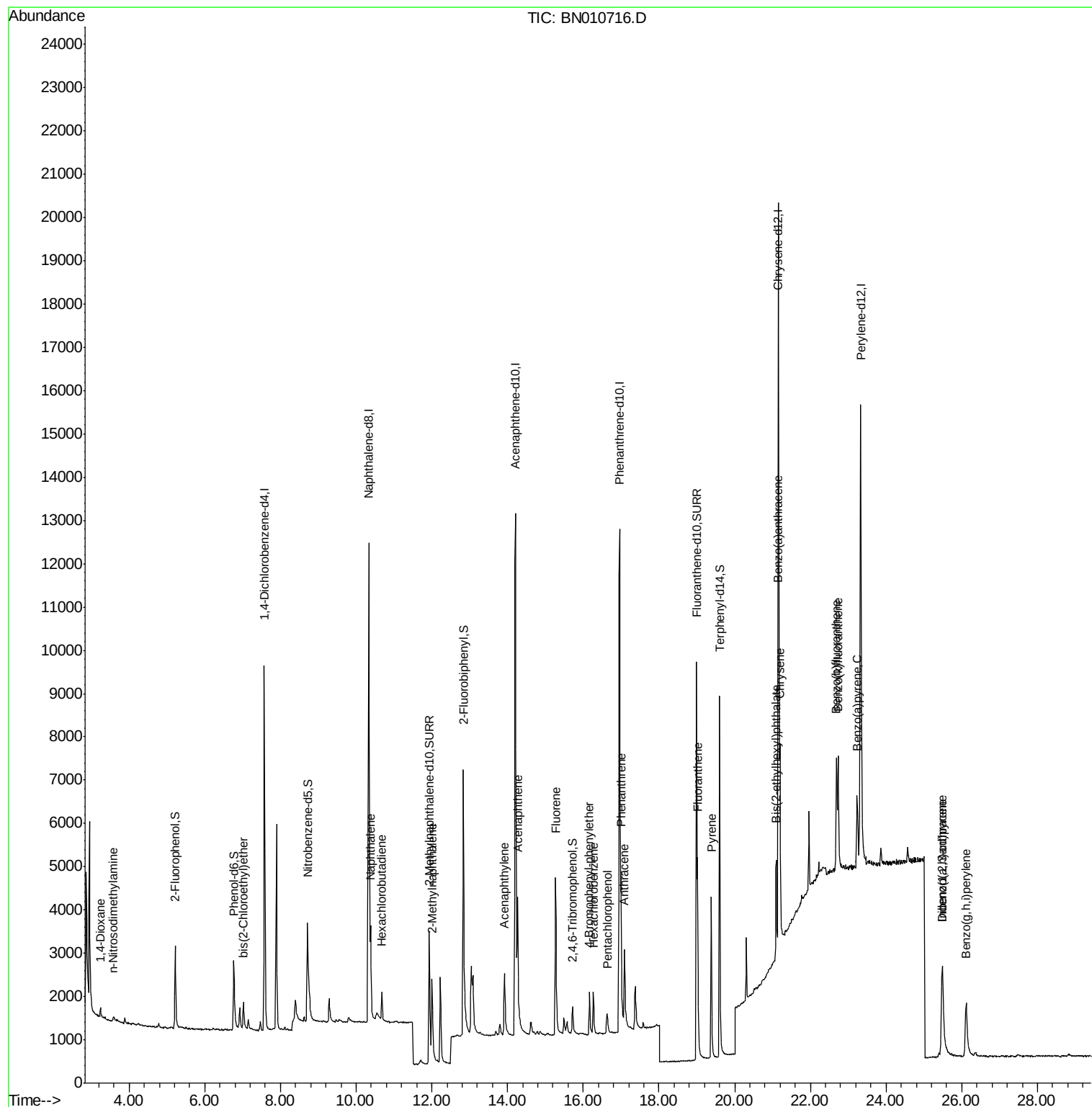
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	244	0.063	ng	93
3) n-Nitrosodimethylamine	3.58	42	111m	0.050	ng	
6) bis(2-Chloroethyl)ether	7.03	93	753	0.068	ng	99
9) Naphthalene	10.38	128	2858	0.066	ng	95
10) Hexachlorobutadiene	10.67	225	621	0.063	ng	# 100
12) 2-Methylnaphthalene	12.01	142	1914	0.063	ng	97
16) Acenaphthylene	13.92	152	2471	0.057	ng	99
17) Acenaphthene	14.26	154	1700	0.059	ng	96
18) Fluorene	15.27	166	2243	0.059	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	643	0.052	ng	98
21) Hexachlorobenzene	16.27	284	881	0.059	ng	96
22) Pentachlorophenol	16.63	266	443	0.096	ng	# 87
23) Phenanthrene	16.99	178	3583	0.059	ng	99
24) Anthracene	17.09	178	2836	0.056	ng	99
26) Fluoranthene	19.02	202	4120	0.060	ng	99
28) Pyrene	19.38	202	4112	0.061	ng	99
30) Benzo(a)anthracene	21.14	228	3606	0.066	ng	96
31) Chrysene	21.20	228	3833	0.062	ng	98
32) Bis(2-ethylhexyl)phthalate	21.09	149	1928	0.080	ng	99
33) Indeno(1,2,3-cd)pyrene	25.48	276	3704	0.067	ng	98
35) Benzo(b)fluoranthene	22.69	252	3554	0.061	ng	# 70
36) Benzo(k)fluoranthene	22.73	252	4081	0.065	ng	# 68
37) Benzo(a)pyrene	23.24	252	2868	0.057	ng	# 49
38) Dibenzo(a,h)anthracene	25.50	278	3089	0.071	ng	# 71
39) Benzo(g,h,i)perylene	26.12	276	3434	0.068	ng	# 87

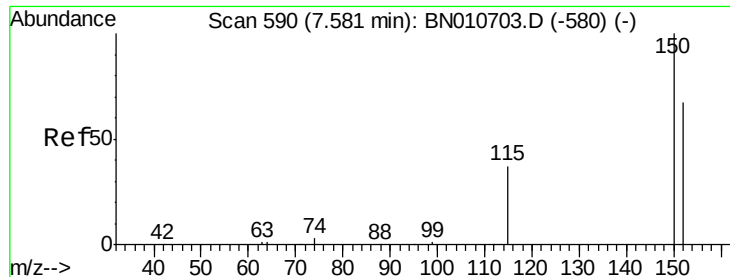
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 589

Delta R.T. -0.00 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

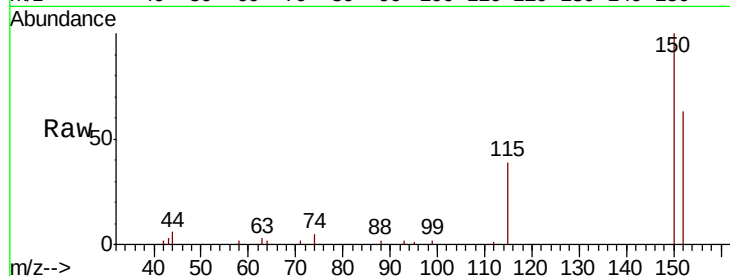
Tot Ion:152 Resp: 4507

Ion Ratio Lower Upper

152 100

150 158.0 119.4 179.0

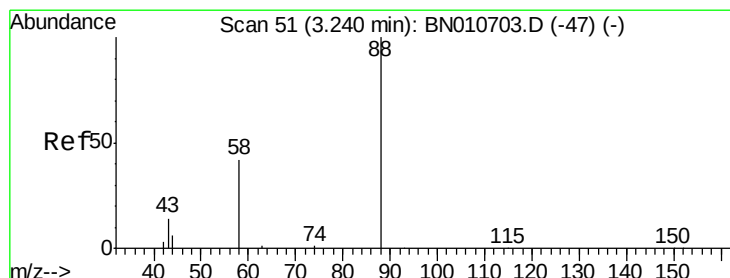
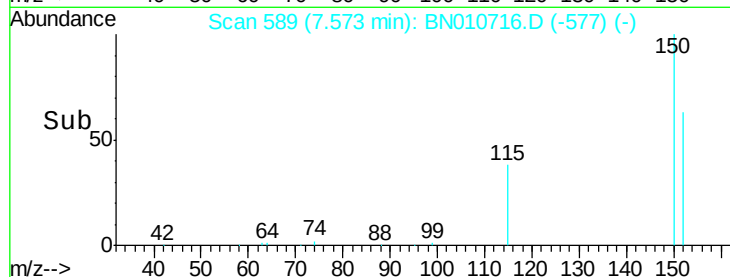
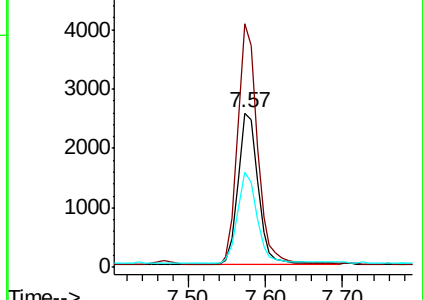
115 61.9 45.9 68.9



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



#2

1,4-Dioxane

Concen: 0.063 ng

RT: 3.24 min Scan# 51

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

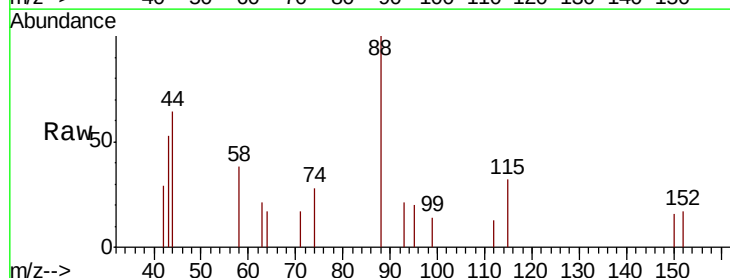
Tgt Ion: 88 Resp: 244

Ion Ratio Lower Upper

88 100

58 54.1 39.0 58.6

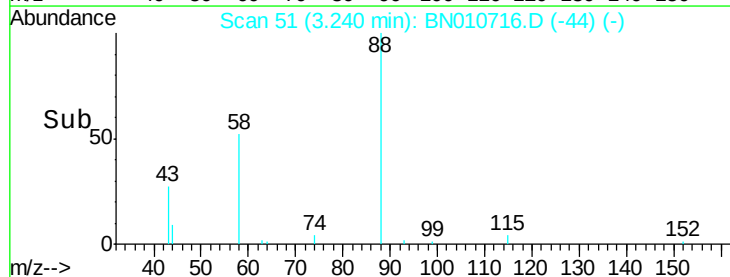
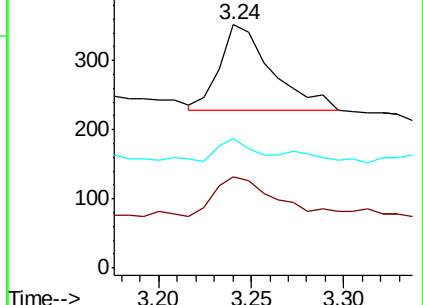
43 14.8 13.1 19.7

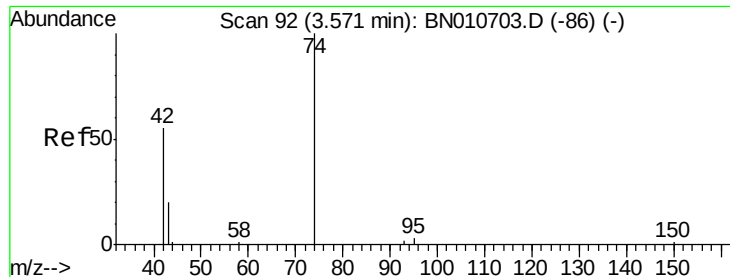


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.050 ng/ml

RT: 3.58 min Scan# 93

Delta R.T. 0.02 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

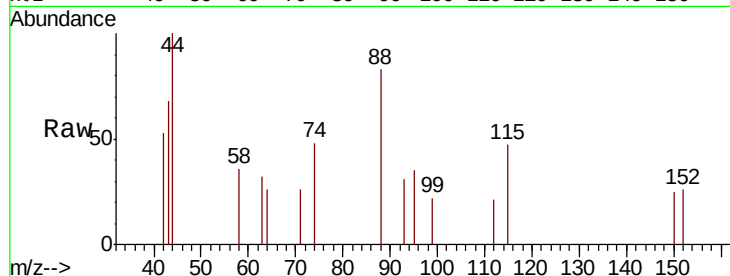
Tot Ion: 42 Resp: 111

Ion Ratio Lower Upper

42 100

74 0.0 146.2 219.2#

44 0.0 3.0 4.4#

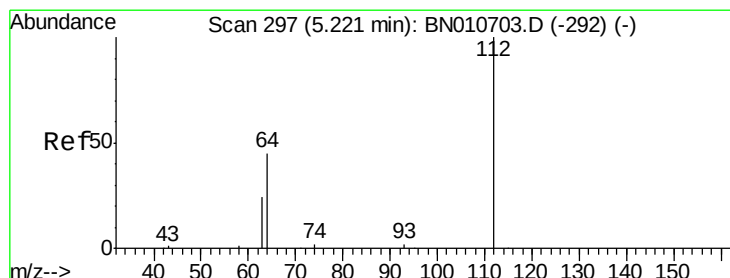
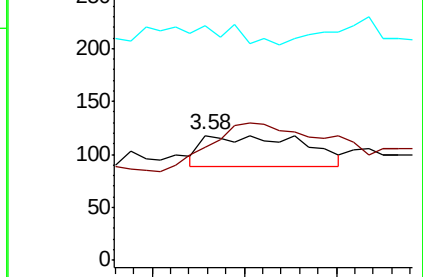
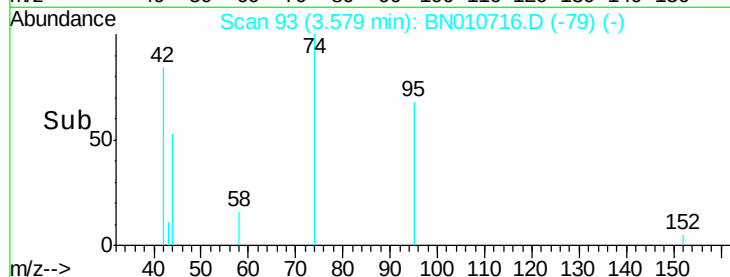


Abundance Ion 42.00 (41.70 to 42.70): BN010703.D (-86) (-)

Ion 74.00 (73.70 to 74.70): BN010703.D (-86) (-)

Ion 44.00 (43.70 to 44.70): BN010703.D (-86) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.237 ng/ml

RT: 5.22 min Scan# 297

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

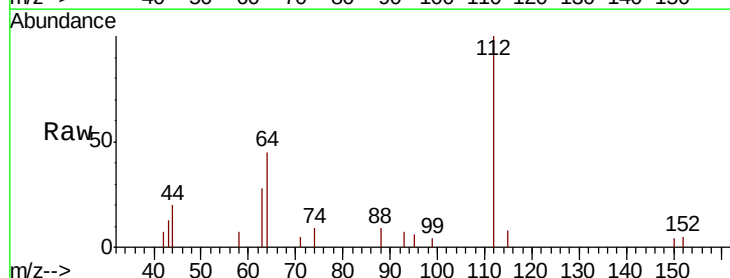
Tgt Ion: 112 Resp: 2091

Ion Ratio Lower Upper

112 100

64 45.6 36.2 54.4

63 24.9 19.8 29.8

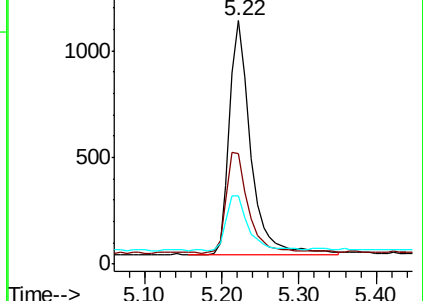
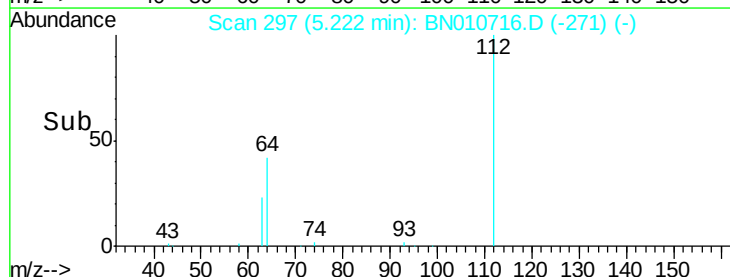


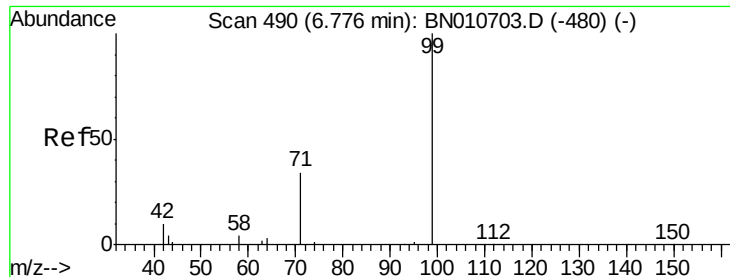
Abundance Ion 112.00 (111.70 to 112.70): BN010703.D (-292) (-)

Ion 64.00 (63.70 to 64.70): BN010703.D (-292) (-)

Ion 63.00 (62.70 to 63.70): BN010703.D (-292) (-)

Time-->





#5

Phenol-d6

Concen: 0.221 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

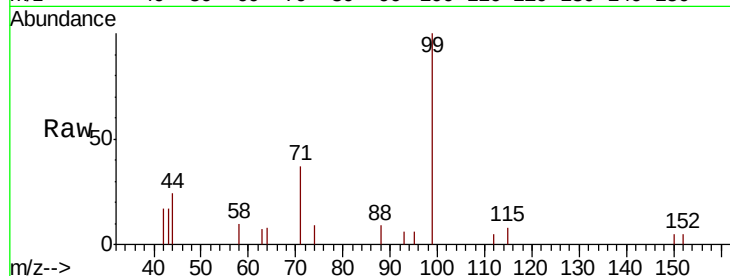
Tot Ion: 99 Resp: 2380

Ion Ratio Lower Upper

99 100

42 12.9 9.8 14.8

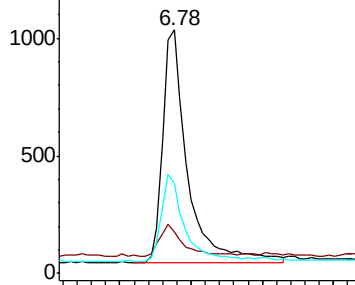
71 34.6 28.6 42.8



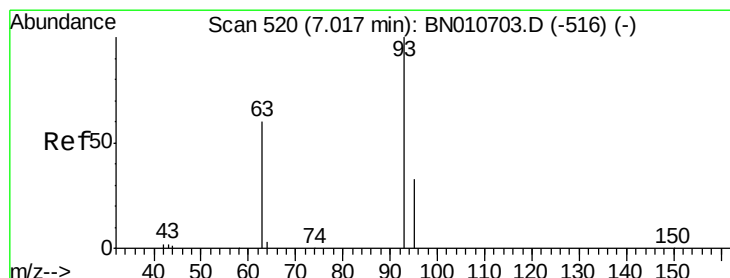
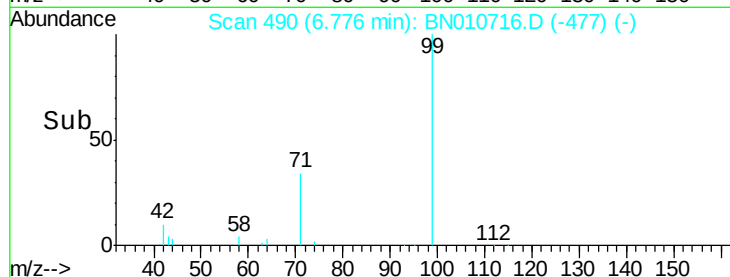
Abundance Ion 99.00 (98.70 to 99.70): BN010716.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN010716.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN010716.D (-477) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.068 ng

RT: 7.03 min Scan# 521

Delta R.T. 0.02 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

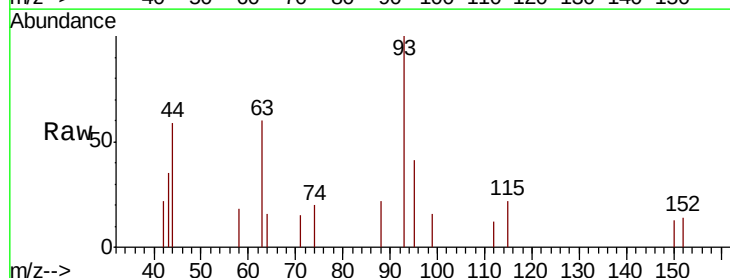
Tgt Ion: 93 Resp: 753

Ion Ratio Lower Upper

93 100

63 52.7 43.1 64.7

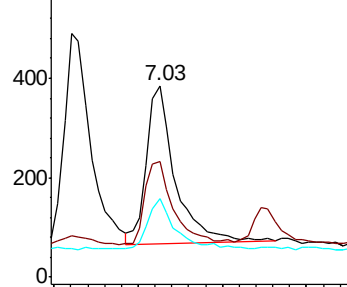
95 31.5 24.6 37.0



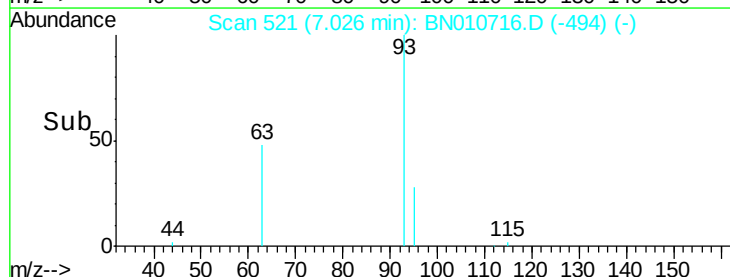
Abundance Ion 93.00 (92.70 to 93.70): BN010716.D (-494) (-)

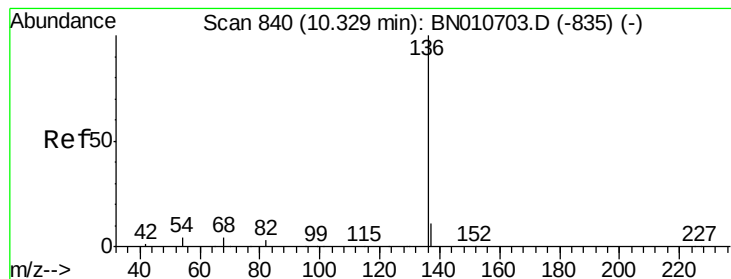
Ion 63.00 (62.70 to 63.70): BN010716.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN010716.D (-494) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:136 Resp: 17223

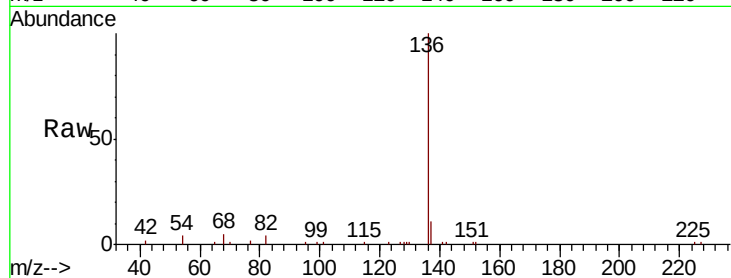
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 4.4 3.6 5.4

68 5.2 4.1 6.1

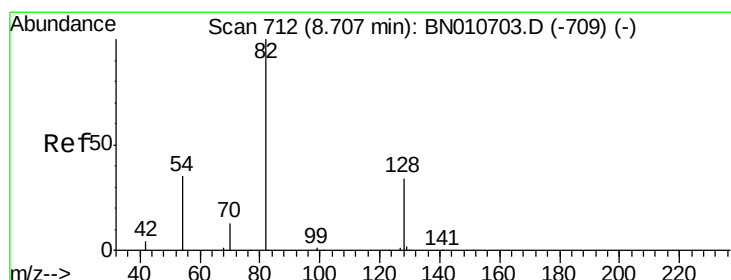
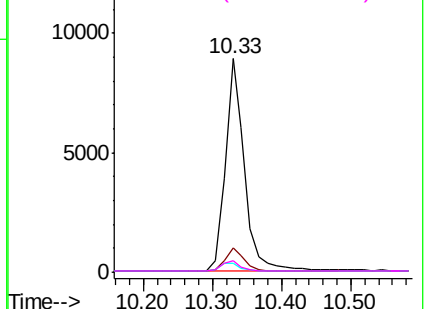
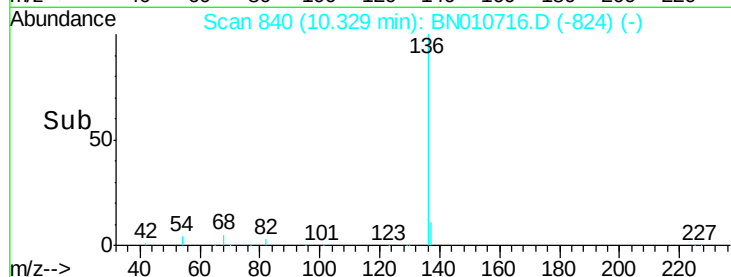


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.233 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

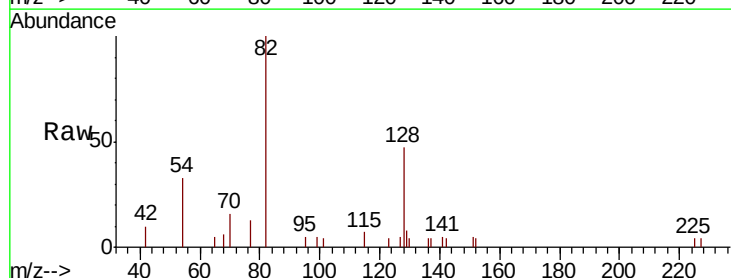
Tgt Ion: 82 Resp: 2790

Ion Ratio Lower Upper

82 100

128 46.6 29.0 43.4#

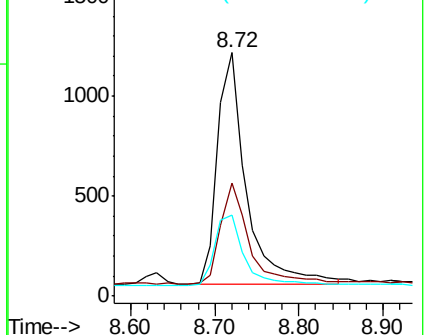
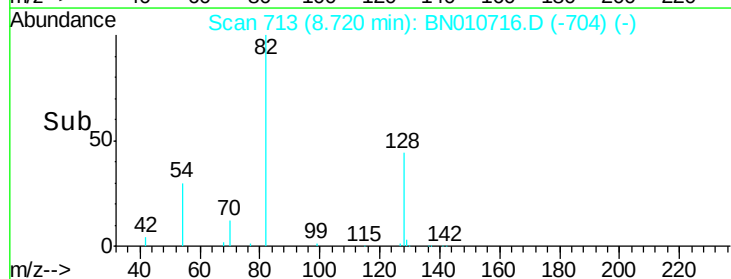
54 33.0 29.3 43.9

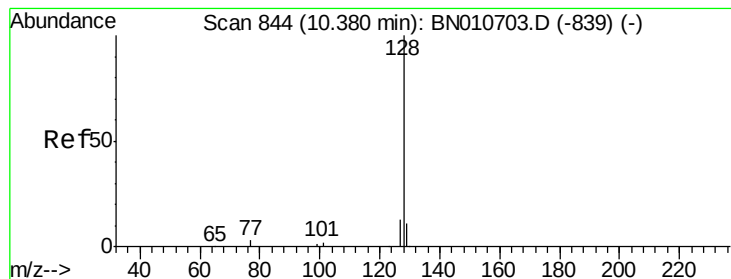


Abundance Ion 82.00 (81.70 to 82.70): BNC

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. 0.01 min

Lab File: BN010716.D

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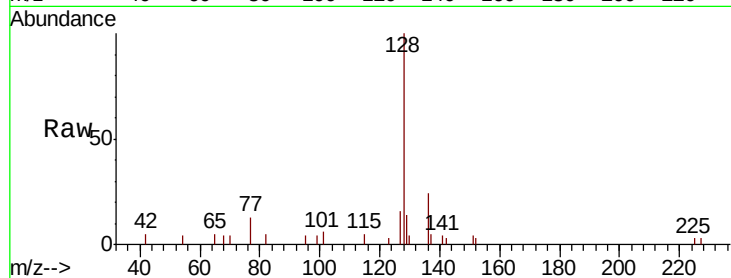
Tot Ion:128 Resp: 2858

Ion Ratio Lower Upper

128 100

129 13.9 9.3 13.9

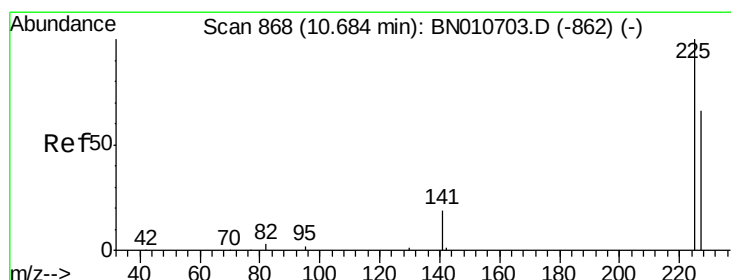
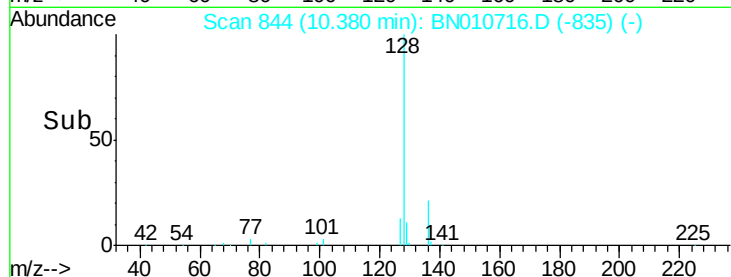
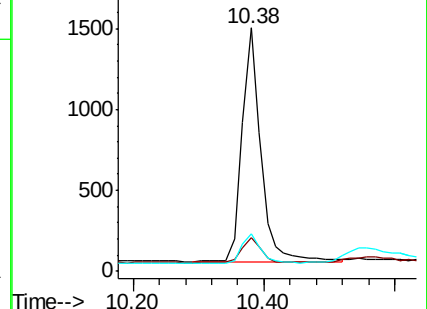
127 15.6 11.0 16.6



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: 0.063 ng

RT: 10.67 min Scan# 867

Delta R.T. -0.00 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

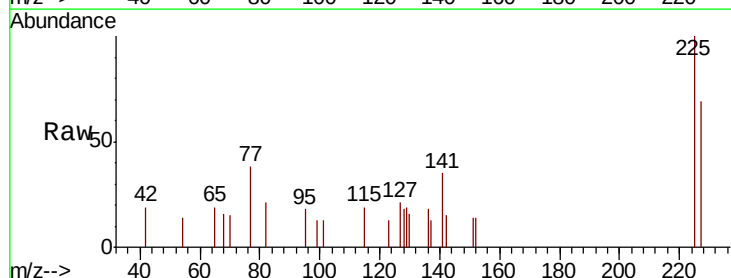
Tgt Ion:225 Resp: 621

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

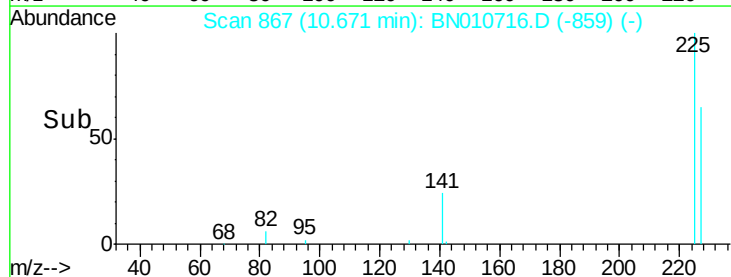
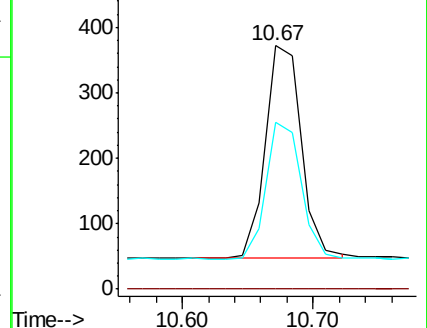
227 63.6 50.7 76.1

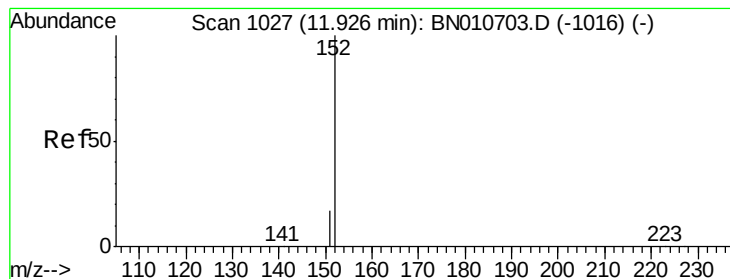


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.224 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

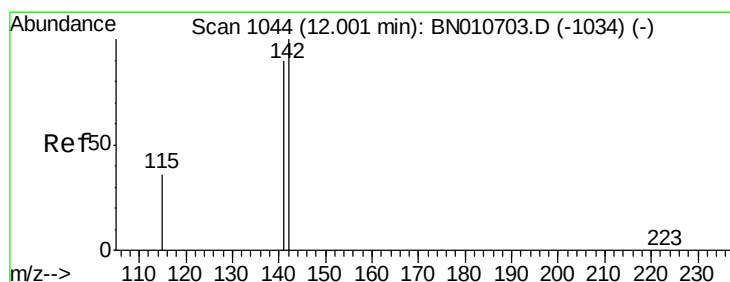
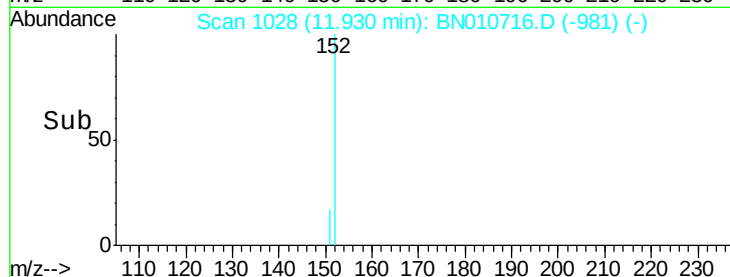
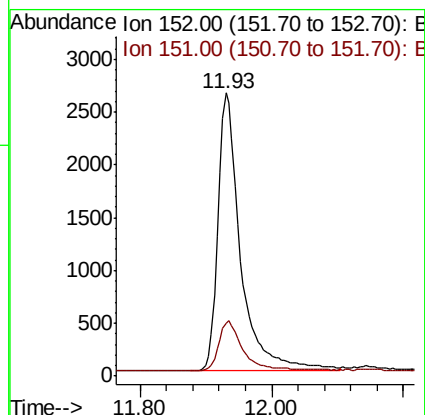
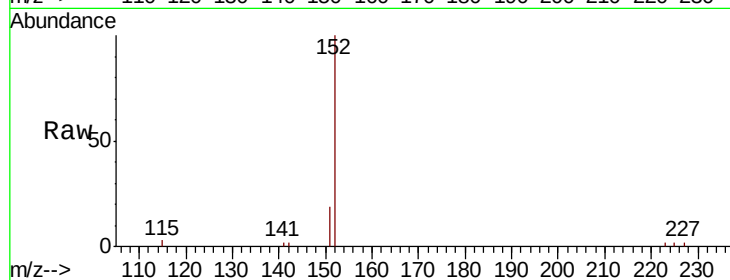
LOD-MDL-WATER-01-QT2-2020

Tot Ion:152 Resp: 6299

Ion Ratio Lower Upper

152 100

151 19.0 15.0 22.6



#12

2-Methylnaphthalene

Concen: 0.063 ng

RT: 12.01 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

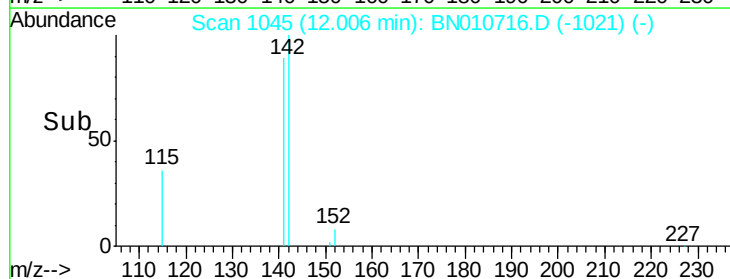
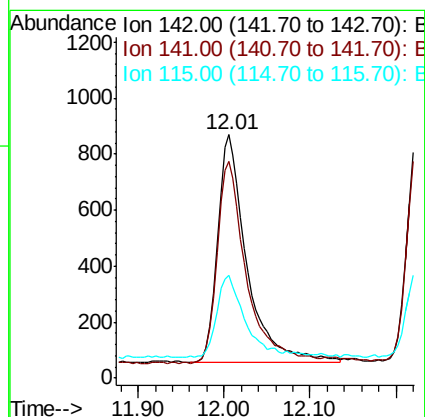
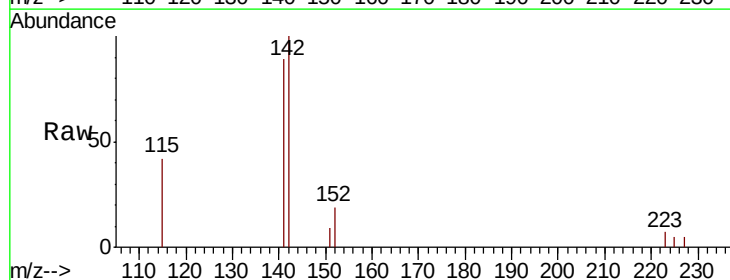
Tgt Ion:142 Resp: 1914

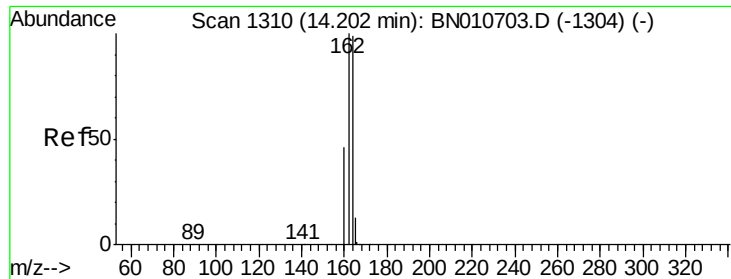
Ion Ratio Lower Upper

142 100

141 89.2 71.7 107.5

115 42.5 29.8 44.6

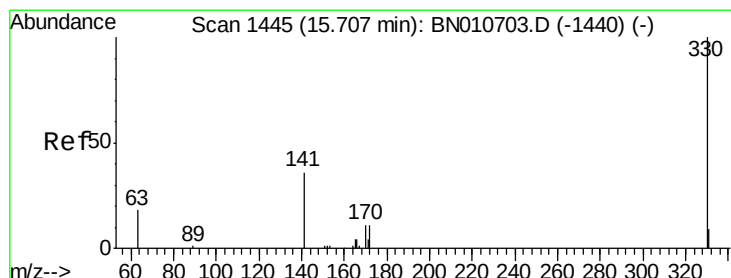
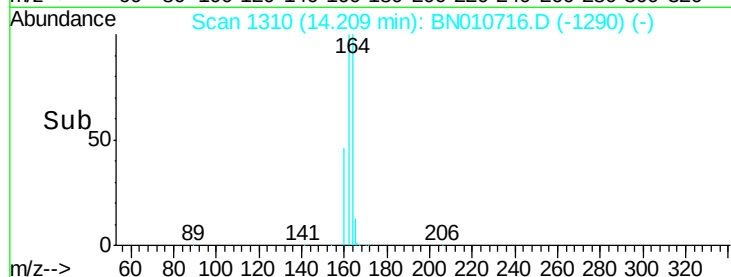
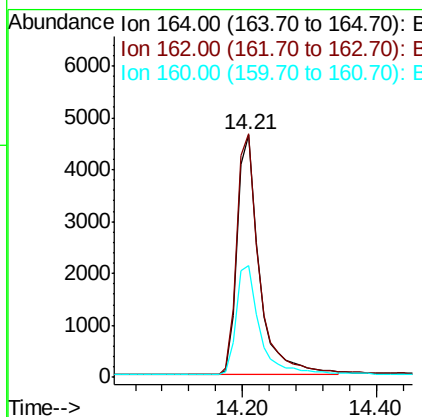
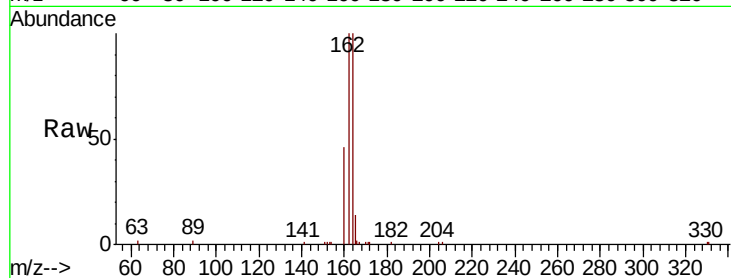




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BN010716.D
Acq: 14 May 2020 17:33

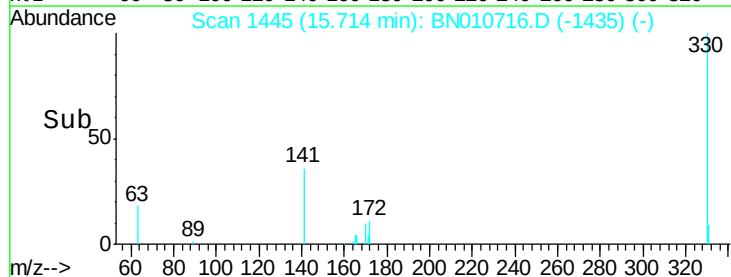
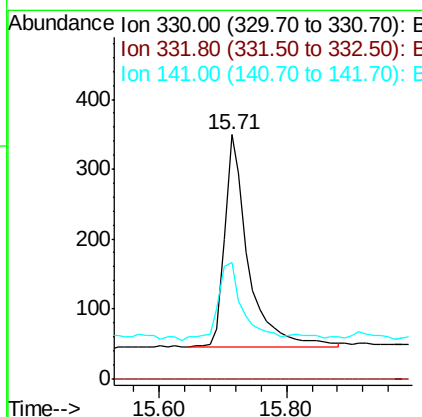
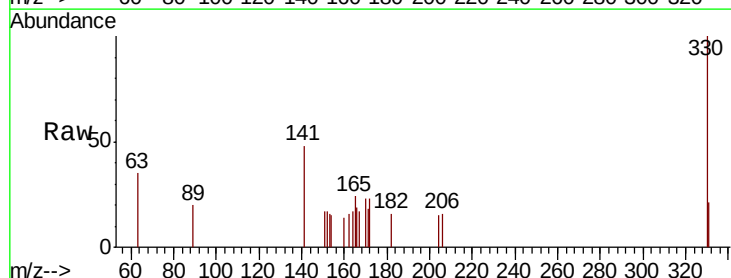
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

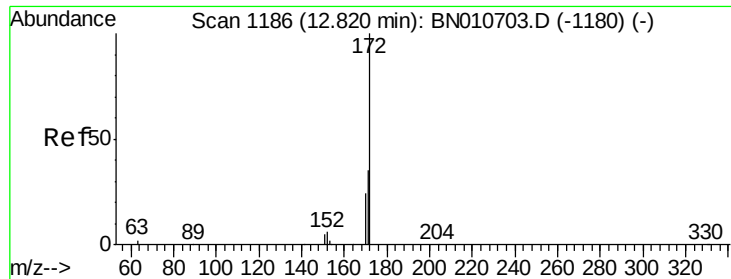
Tot Ion:164 Resp: 10523
Ion Ratio Lower Upper
164 100
162 100.4 81.1 121.7
160 46.3 37.9 56.9



#14
2,4,6-Tribromophenol
Concen: 0.201 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BN010716.D
Acq: 14 May 2020 17:33

Tgt Ion:330 Resp: 766
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.8 28.8 43.2

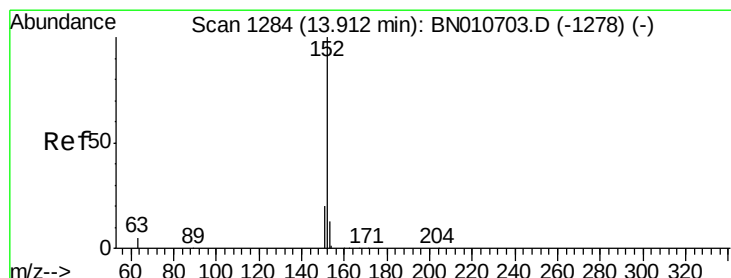
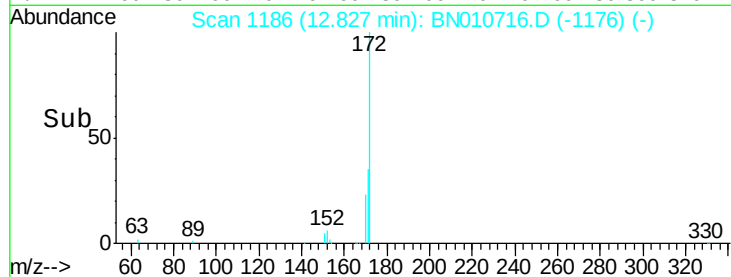
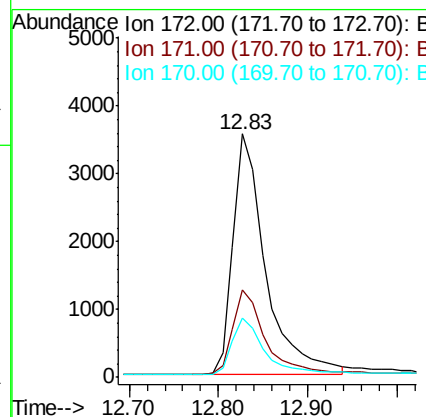
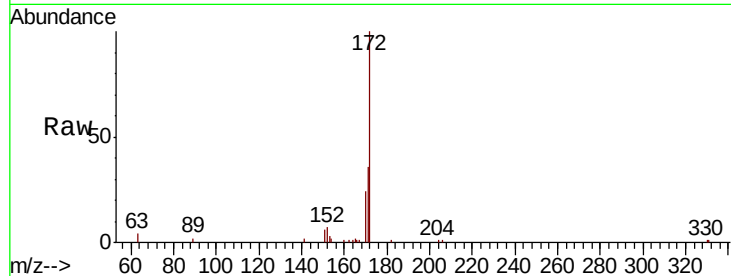




#15
2-Fluorobiphenyl
Concen: 0.233 ng
RT: 12.83 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BN010716.D
Acq: 14 May 2020 17:33

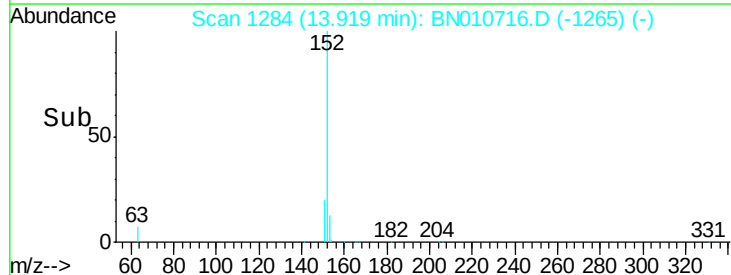
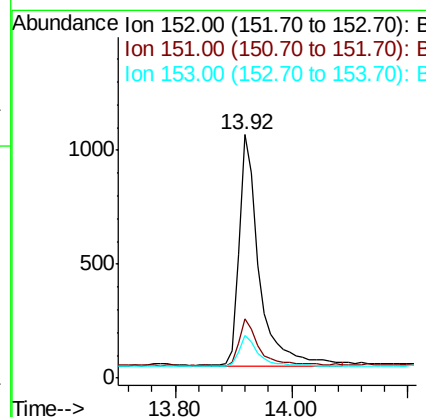
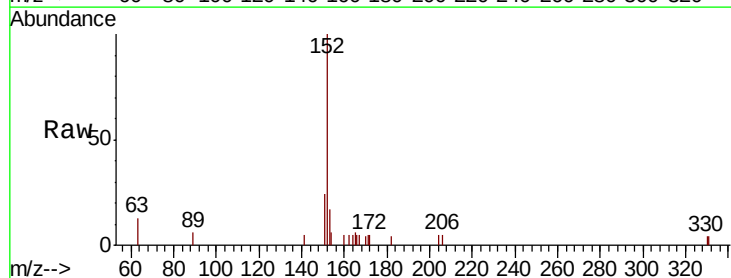
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

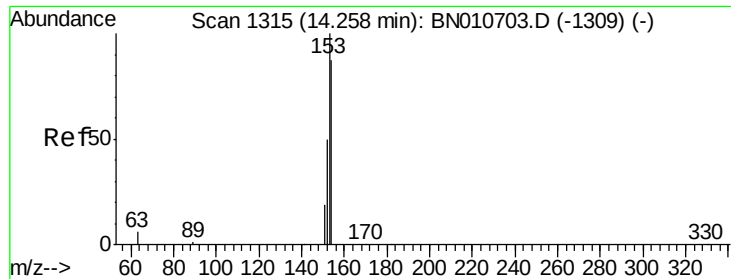
Tot Ion:172 Resp: 8996
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 24.3 19.8 29.8



#16
Acenaphthylene
Concen: 0.057 ng
RT: 13.92 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BN010716.D
Acq: 14 May 2020 17:33

Tgt Ion:152 Resp: 2471
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 12.8 10.4 15.6





#17

Acenaphthene

Concen: 0.059 ng

RT: 14.26 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

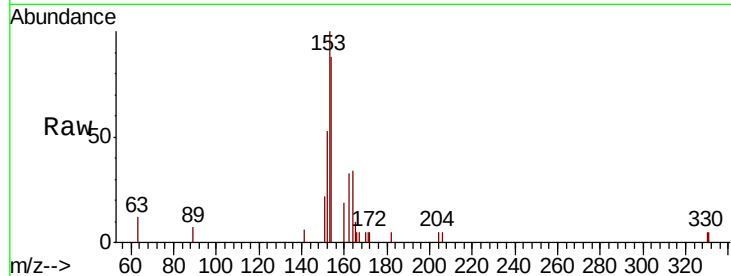
Tot Ion:154 Resp: 1700

Ion Ratio Lower Upper

154 100

153 120.0 91.5 137.3

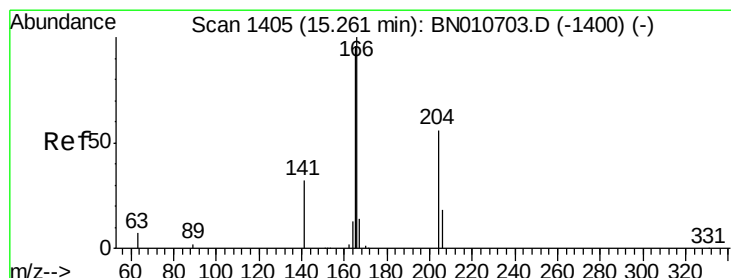
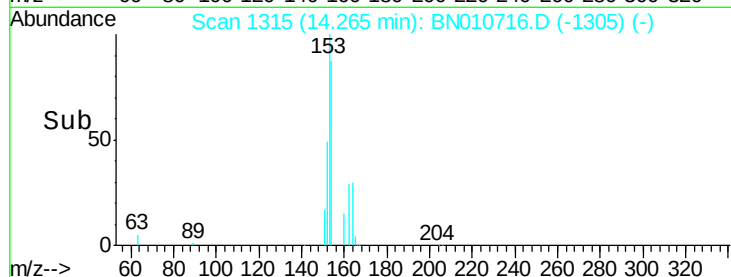
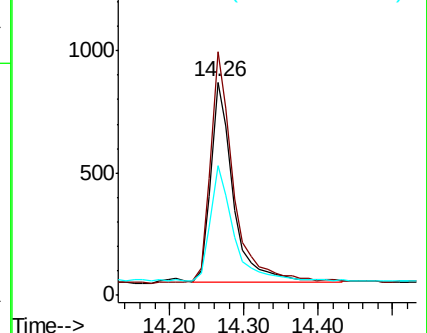
152 58.7 45.6 68.4



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: 0.059 ng

RT: 15.27 min Scan# 1405

Delta R.T. 0.02 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

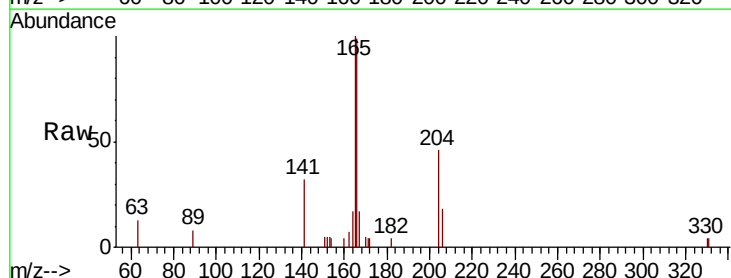
Tgt Ion:166 Resp: 2243

Ion Ratio Lower Upper

166 100

165 98.6 77.9 116.9

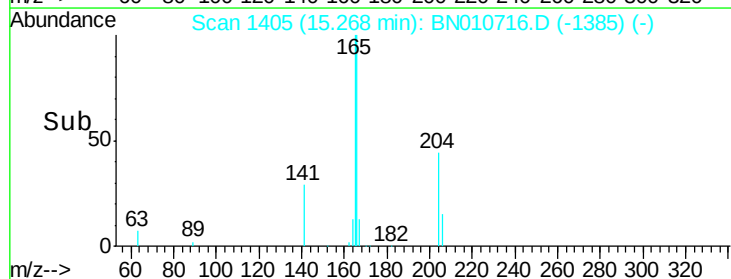
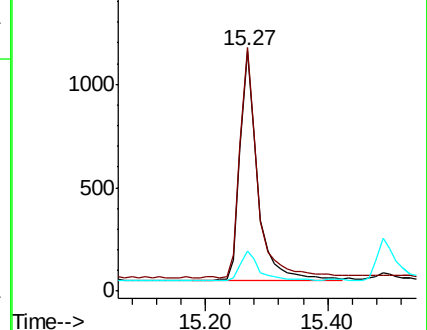
167 13.6 11.0 16.4

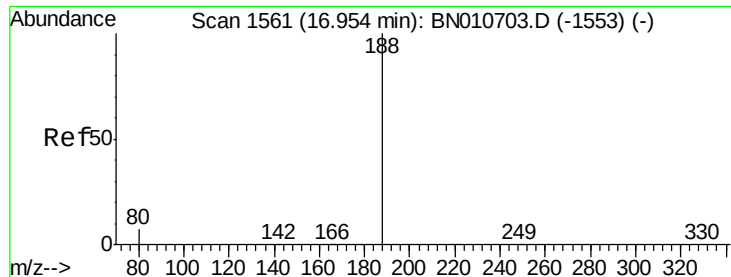


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.96 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

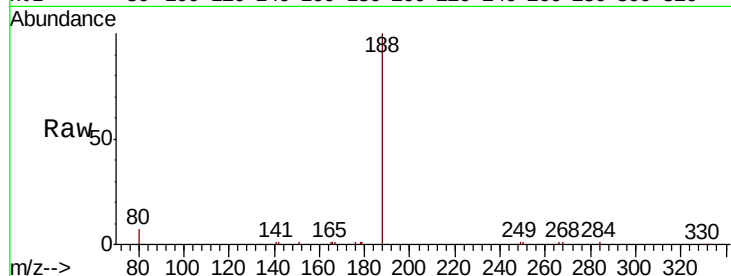
Tot Ion:188 Resp: 22593

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

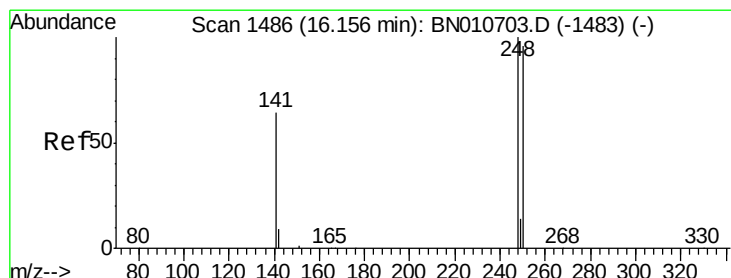
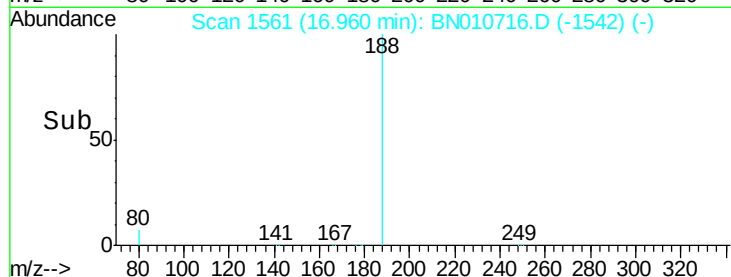
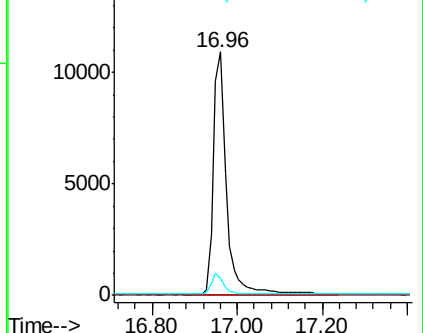
80 7.0 6.3 9.5



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: 0.052 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

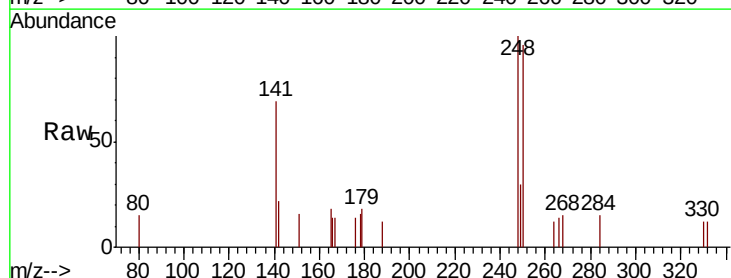
Tgt Ion:248 Resp: 643

Ion Ratio Lower Upper

248 100

250 95.7 77.4 116.0

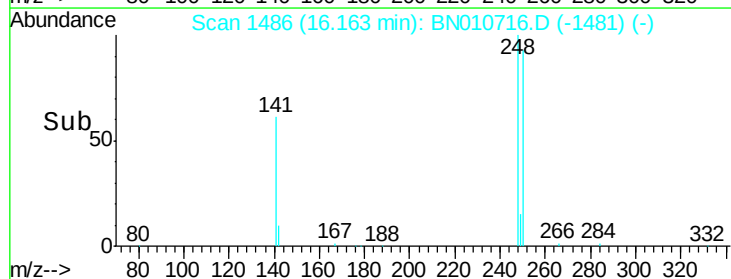
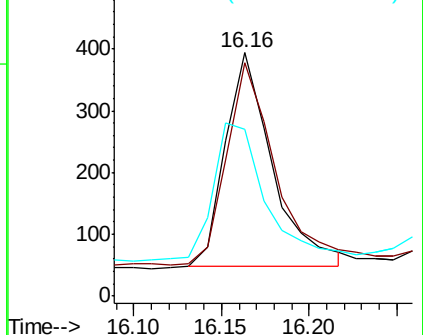
141 68.8 53.1 79.7

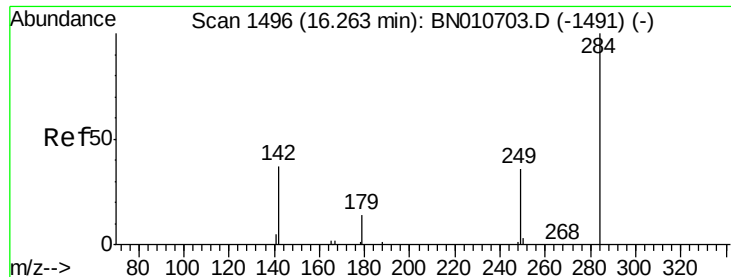


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.059 ng

RT: 16.27 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

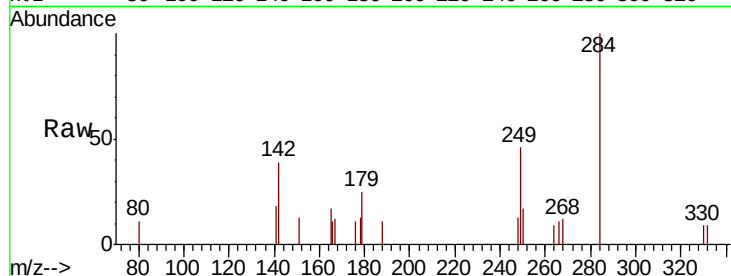
Tot Ion:284 Resp: 881

Ion Ratio Lower Upper

284 100

142 36.4 28.2 42.2

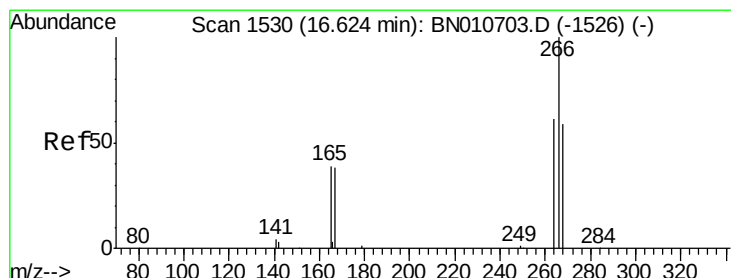
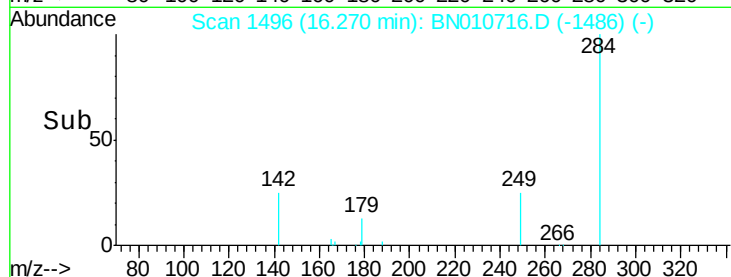
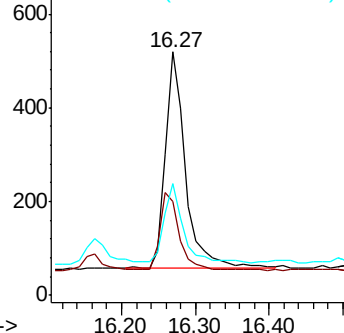
249 36.0 26.4 39.6



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: 0.096 ng

RT: 16.63 min Scan# 1530

Delta R.T. 0.02 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

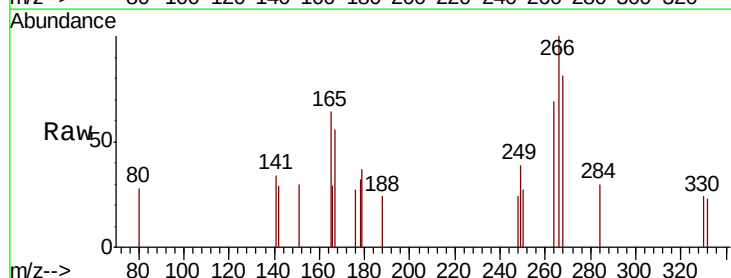
Tgt Ion:266 Resp: 443

Ion Ratio Lower Upper

266 100

264 69.0 51.1 76.7

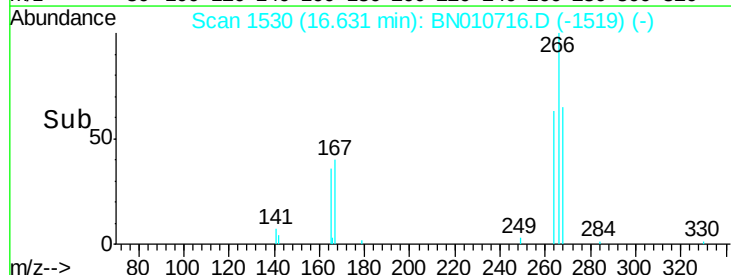
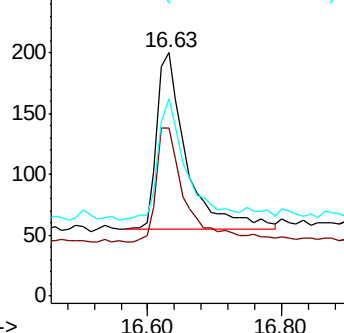
268 81.0 52.1 78.1#

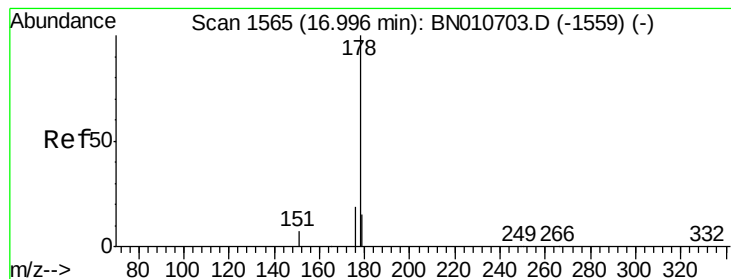


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.059 ng

RT: 16.99 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

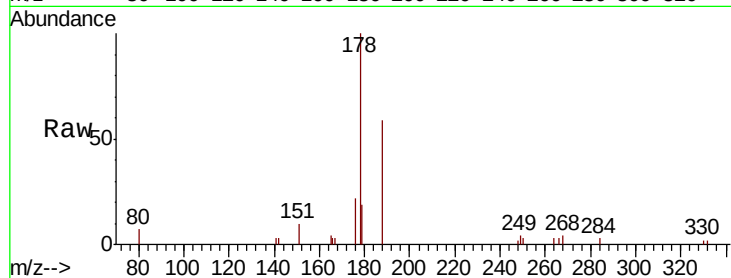
Tot Ion:178 Resp: 3583

Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

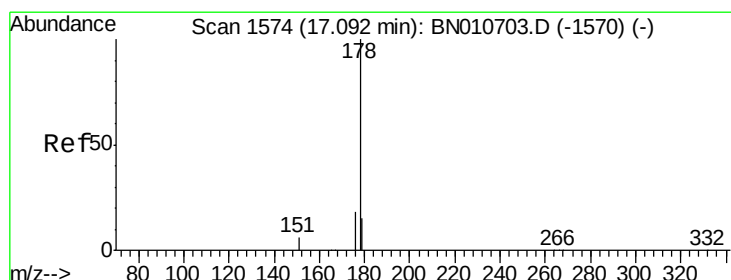
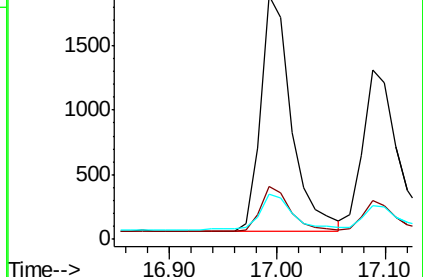
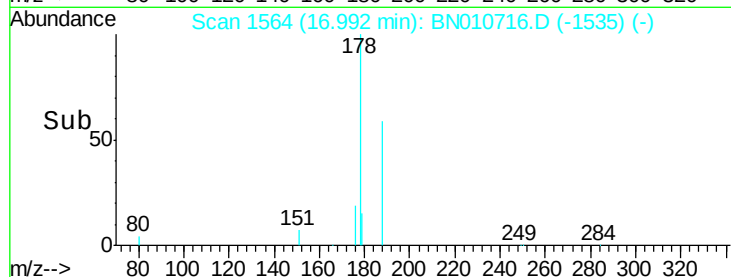
179 16.0 12.2 18.4



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: 0.056 ng

RT: 17.09 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

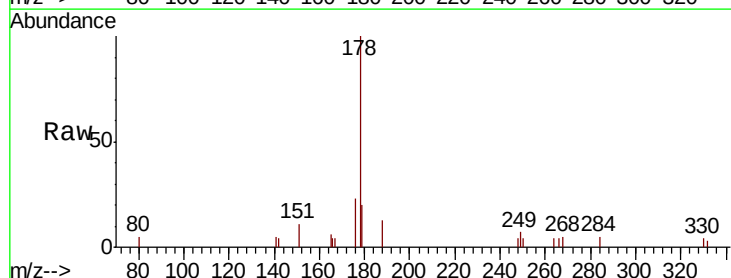
Tgt Ion:178 Resp: 2836

Ion Ratio Lower Upper

178 100

176 17.7 14.7 22.1

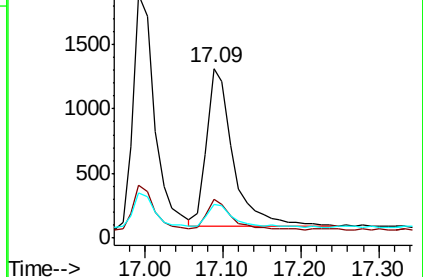
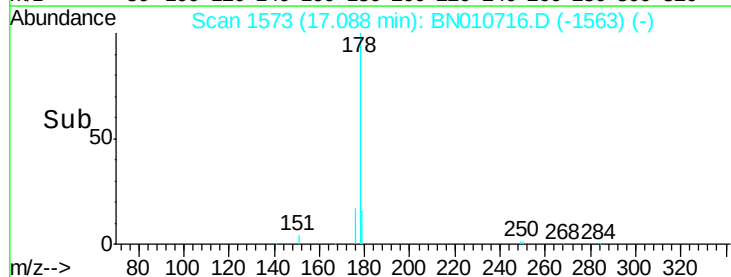
179 15.7 12.3 18.5

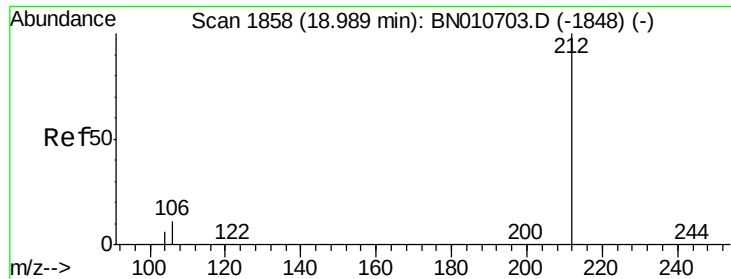


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.219 ng

RT: 18.99 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

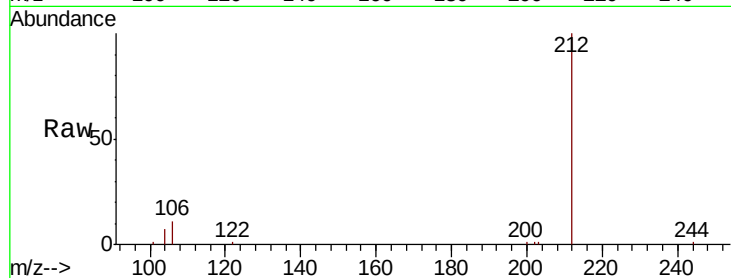
Tot Ion:212 Resp: 13441

Ion Ratio Lower Upper

212 100

106 10.0 8.2 12.2

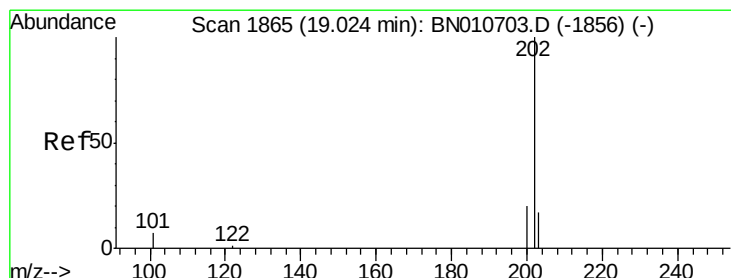
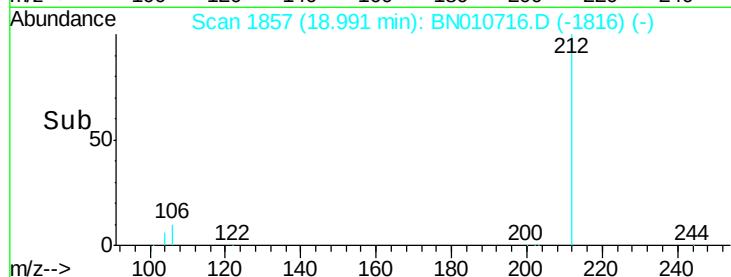
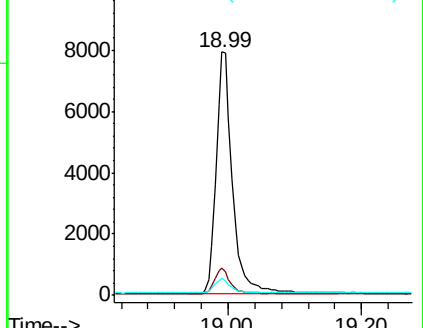
104 6.2 4.7 7.1



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: 0.060 ng

RT: 19.02 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

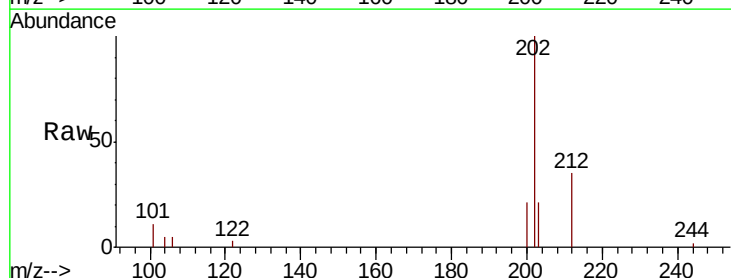
Tgt Ion:202 Resp: 4120

Ion Ratio Lower Upper

202 100

101 8.7 6.7 10.1

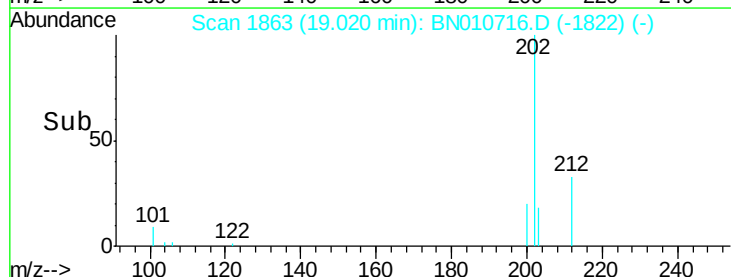
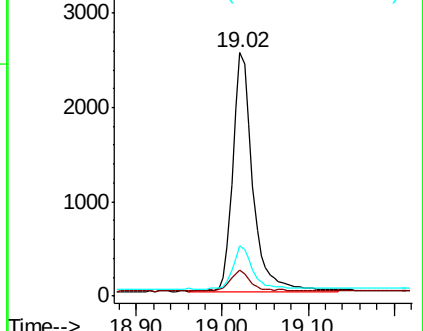
203 17.5 13.4 20.0

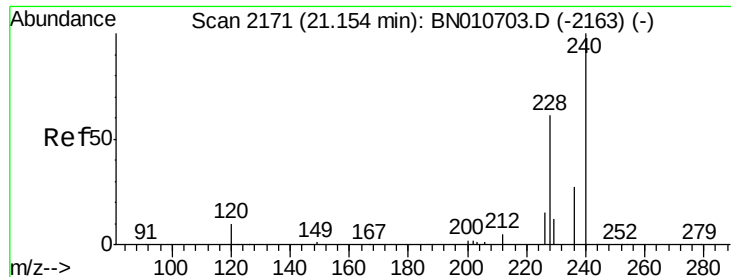


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.16 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

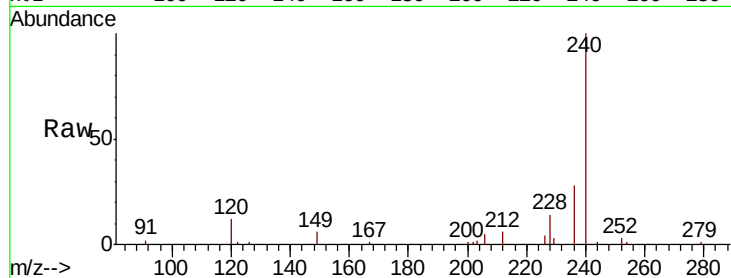
Tot Ion:240 Resp: 18763

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

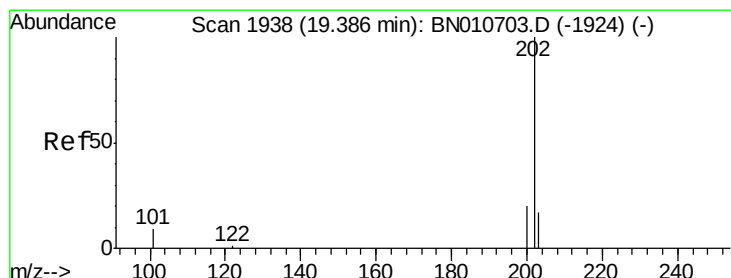
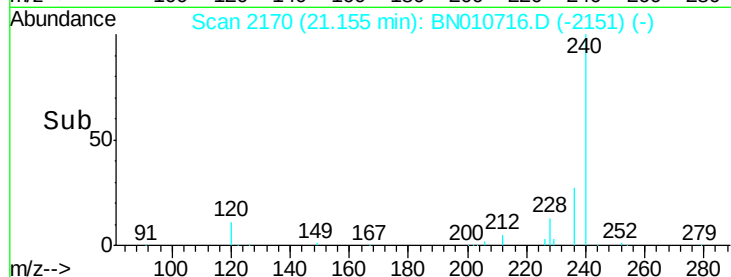
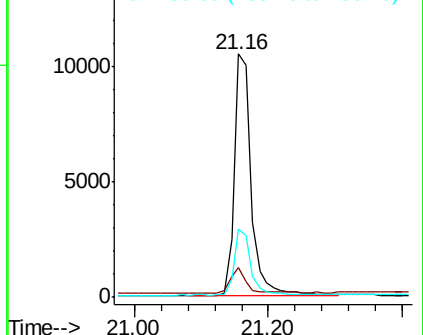
236 27.9 22.5 33.7



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: 0.061 ng

RT: 19.38 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

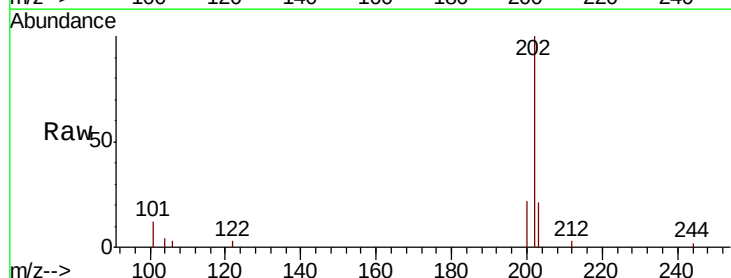
Tgt Ion:202 Resp: 4112

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.4

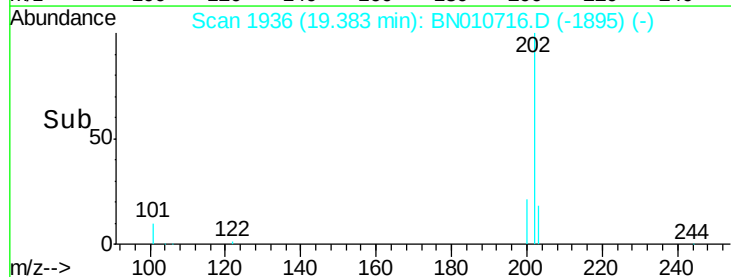
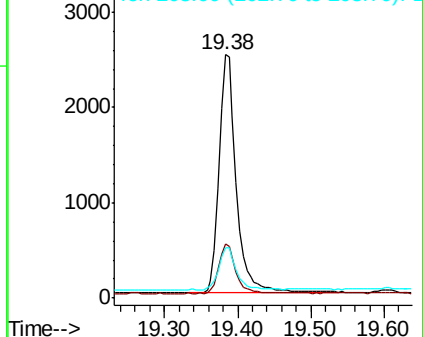
203 18.0 14.1 21.1

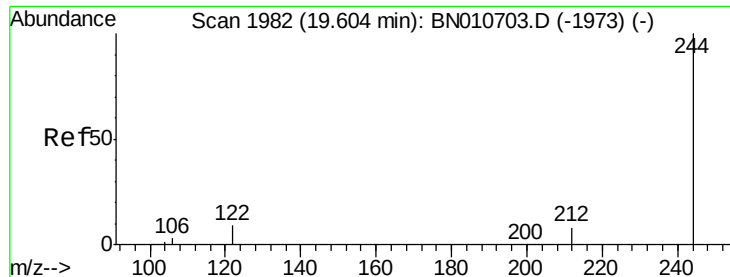


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.238 ng

RT: 19.60 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

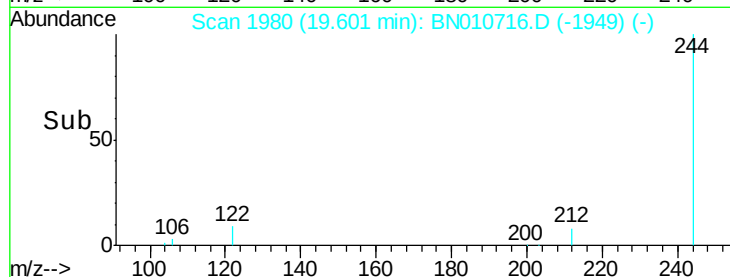
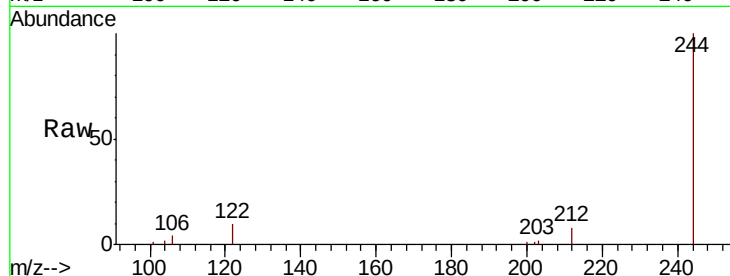
Tot Ion:244 Resp: 10604

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

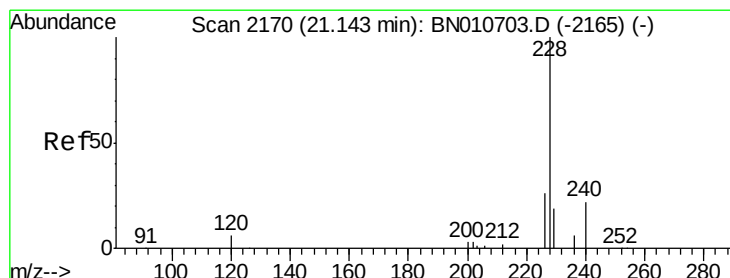
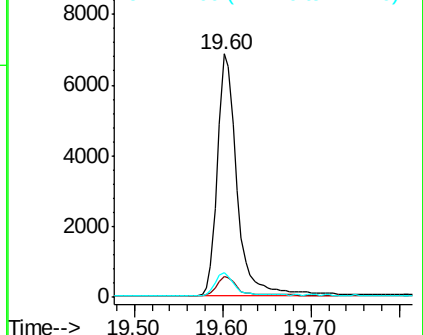
122 10.1 8.1 12.1



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: 0.066 ng

RT: 21.14 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

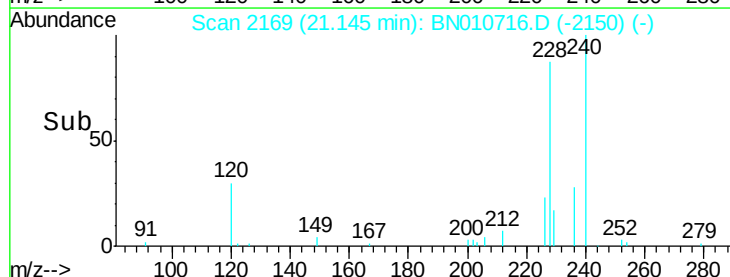
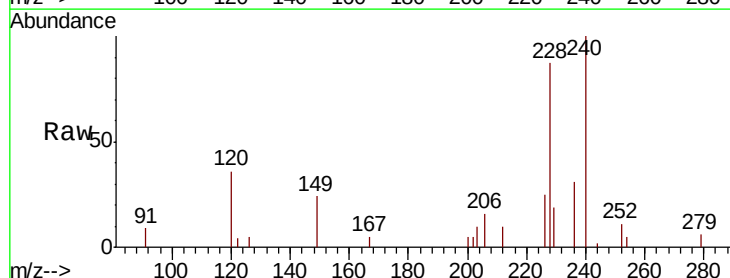
Tgt Ion:228 Resp: 3606

Ion Ratio Lower Upper

228 100

226 28.8 21.3 31.9

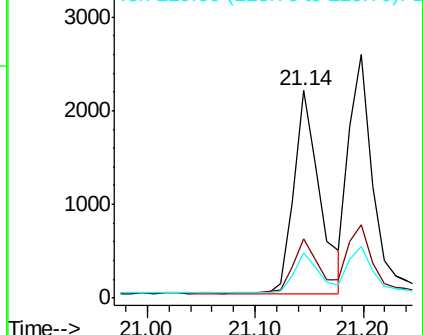
229 21.6 16.0 24.0

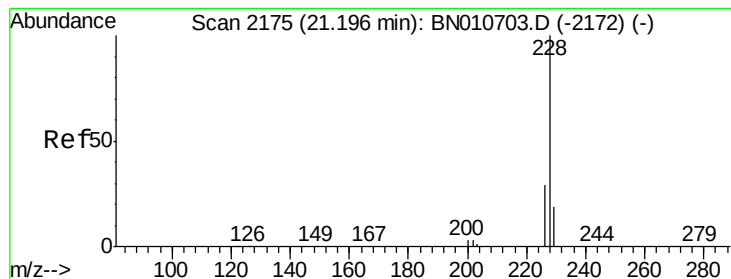


Abundance Ion 228.00 (227.70 to 228.70): E

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# 2174

Delta R.T. 0.00 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

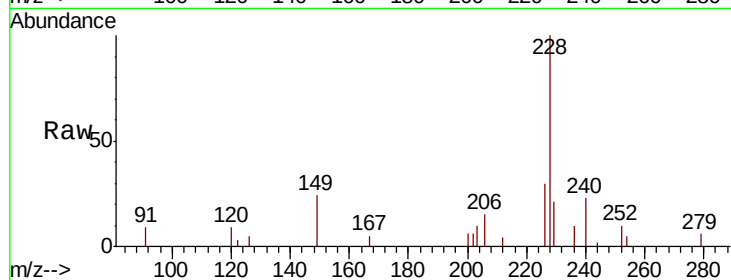
Tot Ion:228 Resp: 3833

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

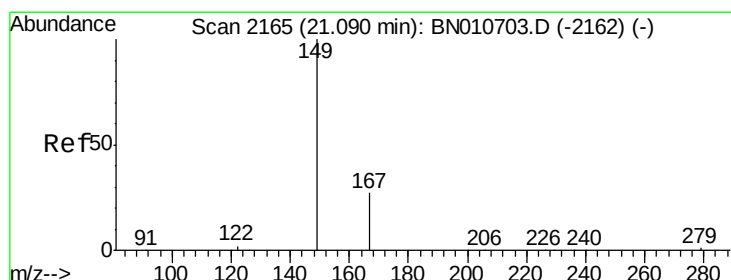
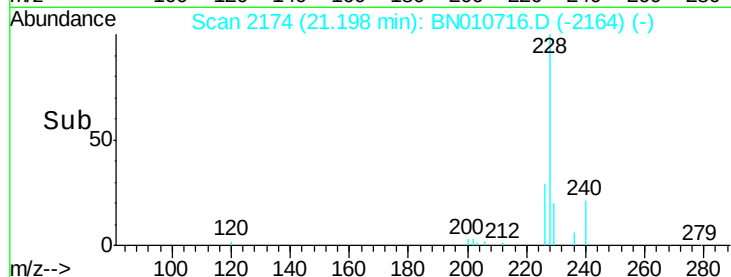
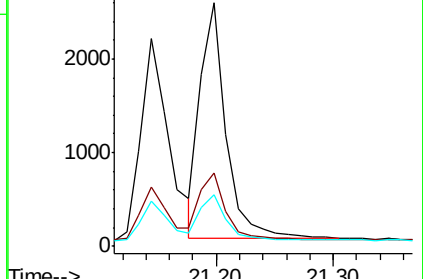
229 21.3 16.1 24.1



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: 0.080 ng

RT: 21.09 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

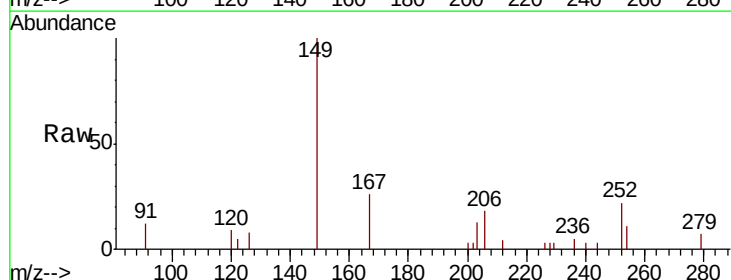
Tgt Ion:149 Resp: 1928

Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

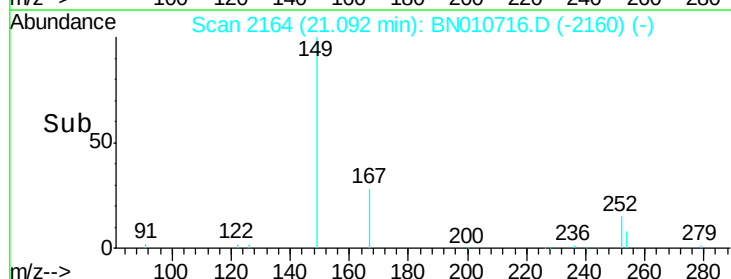
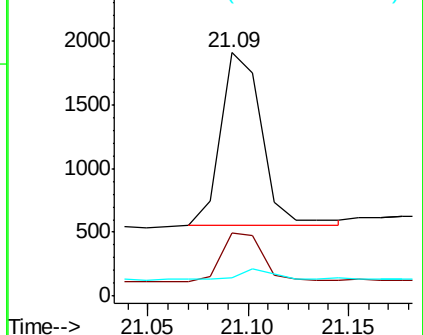
279 4.6 4.1 6.1

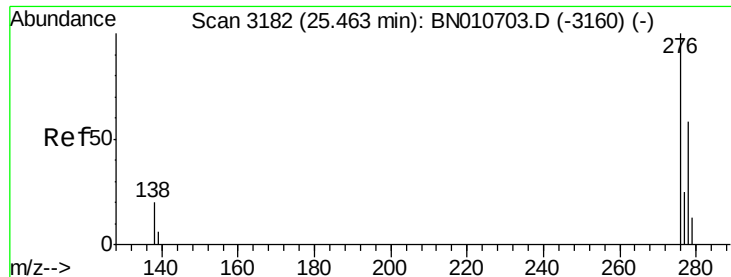


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.067 ng

RT: 25.48 min Scan# 3184

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

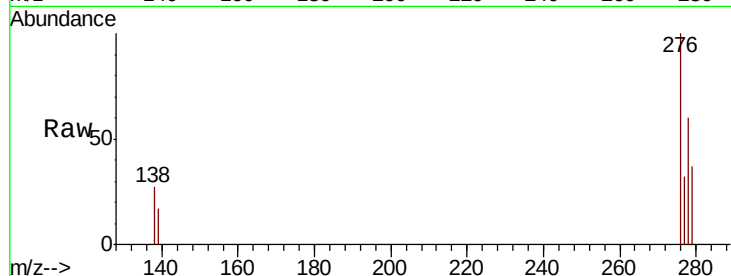
Tot Ion:276 Resp: 3704

Ion Ratio Lower Upper

276 100

138 16.7 15.1 22.7

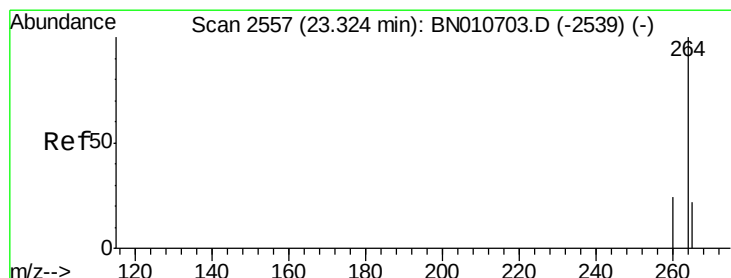
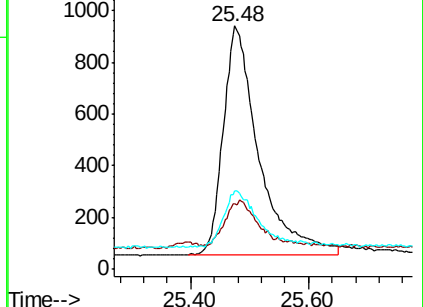
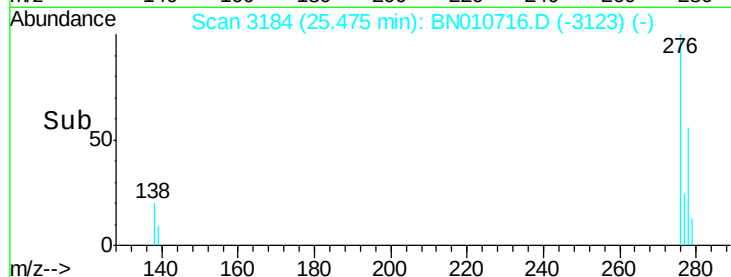
277 24.0 19.4 29.0



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: 23.33 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

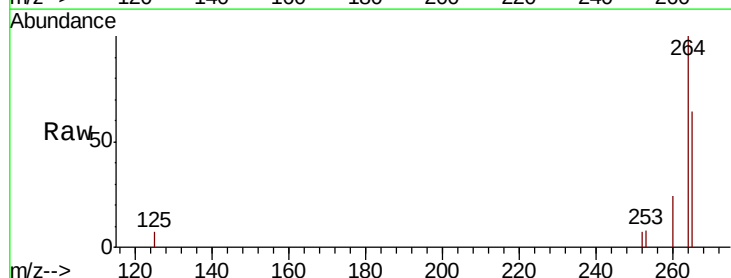
Tgt Ion:264 Resp: 17724

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

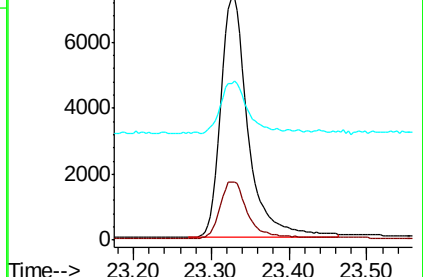
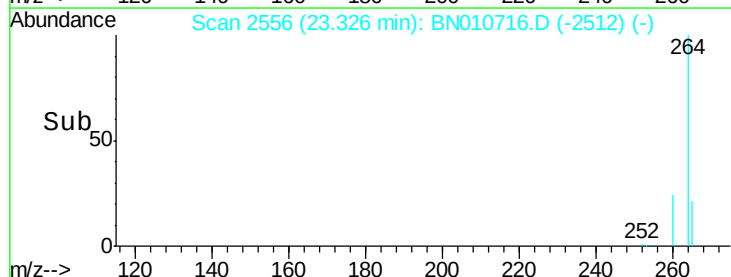
265 64.5 70.1 105.1#

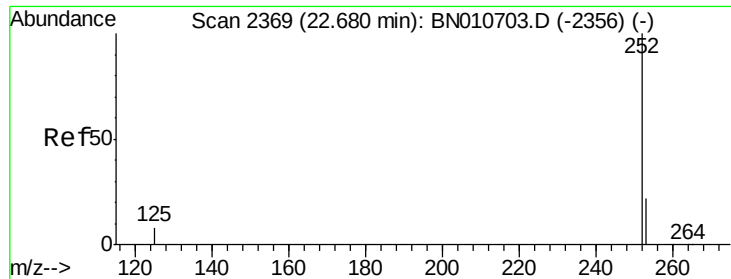


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.061 ng

RT: 22.69 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

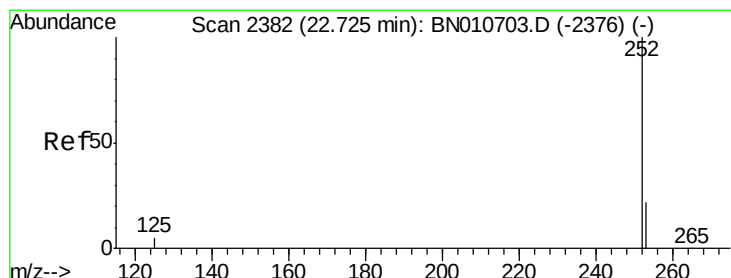
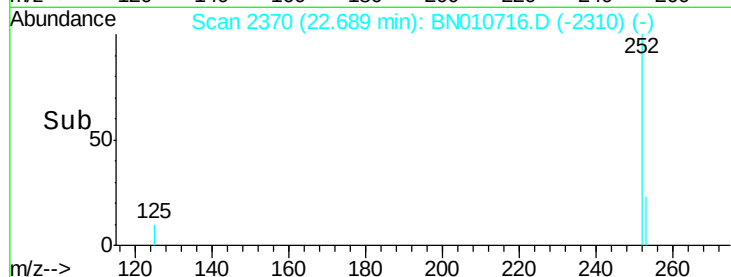
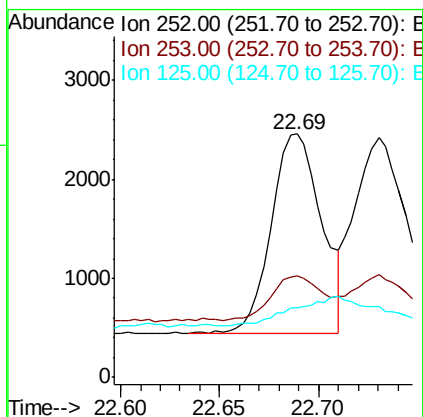
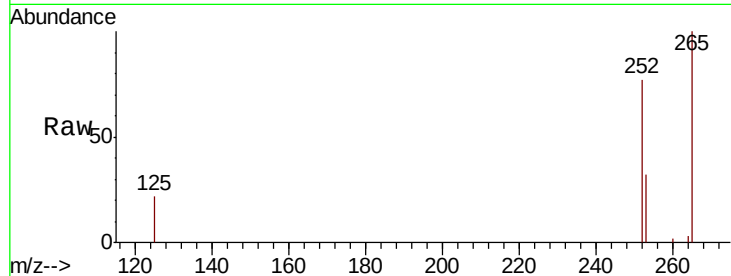
Tot Ion:252 Resp: 3554

Ion Ratio Lower Upper

252 100

253 41.6 22.0 33.0#

125 28.5 10.8 16.2#



#36

Benzo(k)fluoranthene

Concen: 0.065 ng

RT: 22.73 min Scan# 2382

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

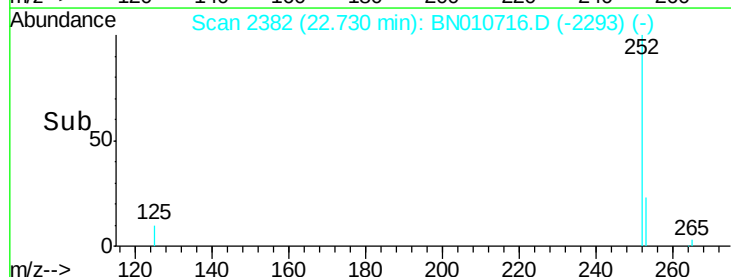
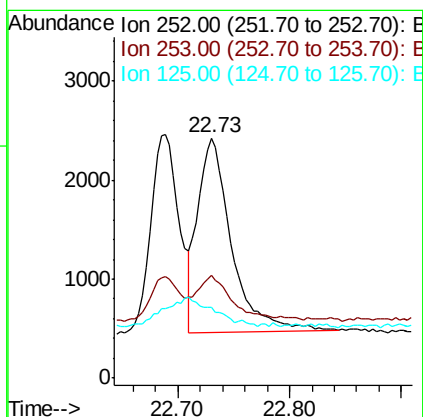
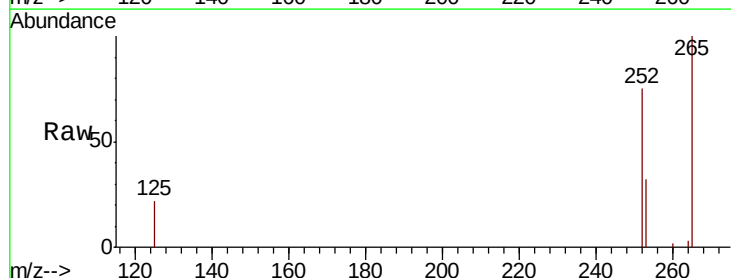
Tgt Ion:252 Resp: 4081

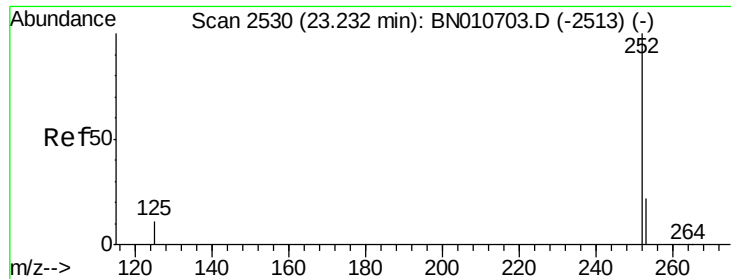
Ion Ratio Lower Upper

252 100

253 42.6 21.9 32.9#

125 29.3 11.1 16.7#





#37

Benzo(a)pyrene

Concen: 0.057 ng

RT: 23.24 min Scan# 2530

Delta R.T. 0.01 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

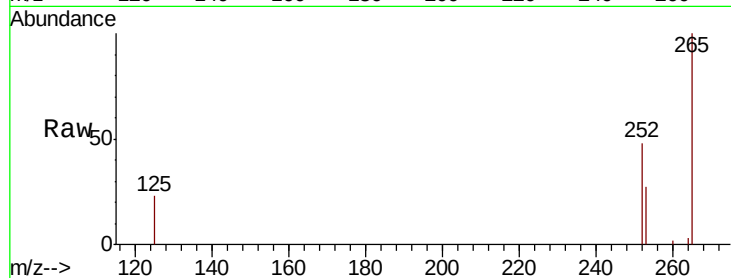
Tot Ion:252 Resp: 2868

Ion Ratio Lower Upper

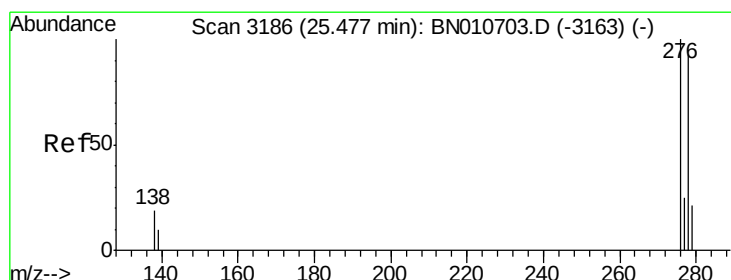
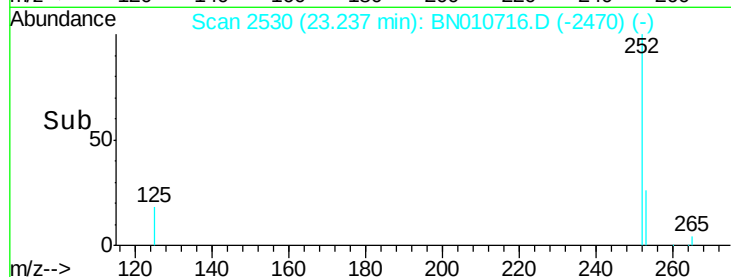
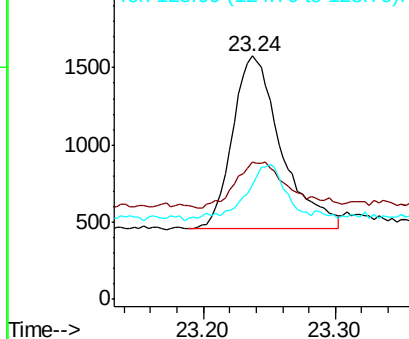
252 100

253 56.2 24.8 37.2#

125 47.1 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: 0.071 ng

RT: 25.50 min Scan# 3190

Delta R.T. 0.02 min

Lab File: BN010716.D

Acq: 14 May 2020 17:33

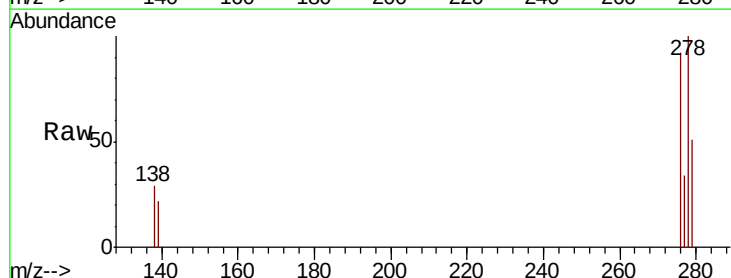
Tgt Ion:278 Resp: 3089

Ion Ratio Lower Upper

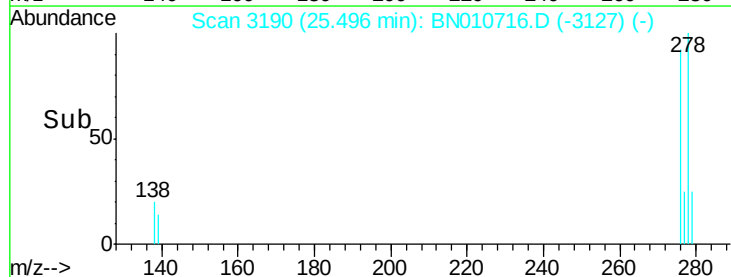
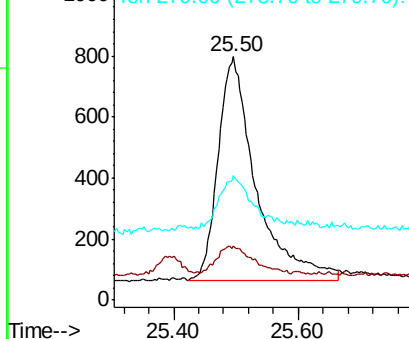
278 100

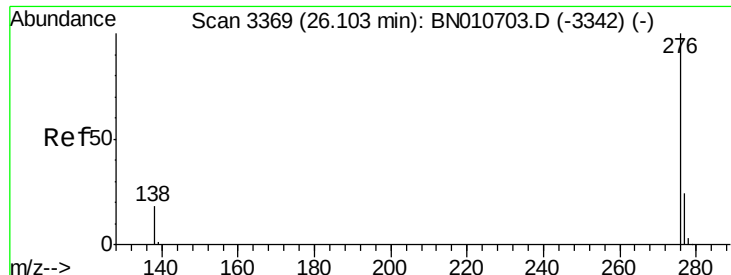
139 22.4 13.0 19.4#

279 51.4 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# 3371

Delta R.T. 0.01 min

Lab File: BN010716.D

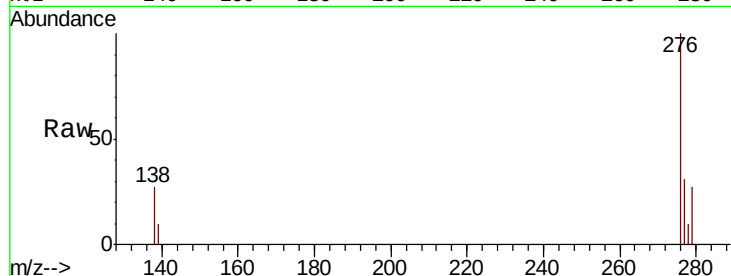
Acq: 14 May 2020 17:33

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020



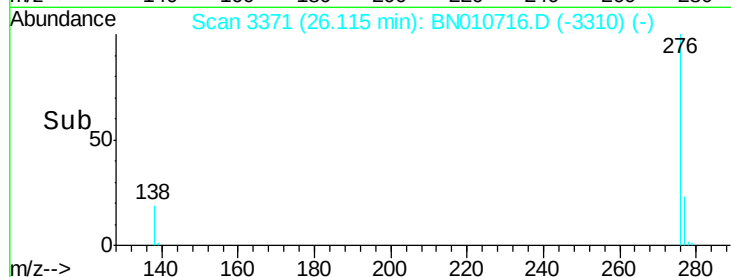
Tot Ion: 276 Resp: 3434

Ion Ratio Lower Upper

276 100

277 31.5 20.6 30.8#

138 26.7 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

