

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051520\
 Data File : BN010727.D
 Acq On : 15 May 2020 12:26
 Operator : CG/JU
 Sample : L2182-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2020

Quant Time: May 15 12:58:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 10:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	5005	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	19011	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	11587	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	24806	0.40	ng	0.00
27) Chrysene-d12	21.15	240	19389	0.40	ng	0.00
34) Perylene-d12	23.32	264	17920	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2519	0.26	ng	0.00
5) Phenol-d6	6.77	99	2953	0.25	ng	0.00
8) Nitrobenzene-d5	8.72	82	3129	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	11.93	152	6984	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	873	0.21	ng	0.02
15) 2-Fluorobiphenyl	12.83	172	9970	0.23	ng	0.02
25) Fluoranthene-d10	18.99	212	14422	0.21	ng	0.00
29) Terphenyl-d14	19.60	244	11362	0.25	ng	0.00

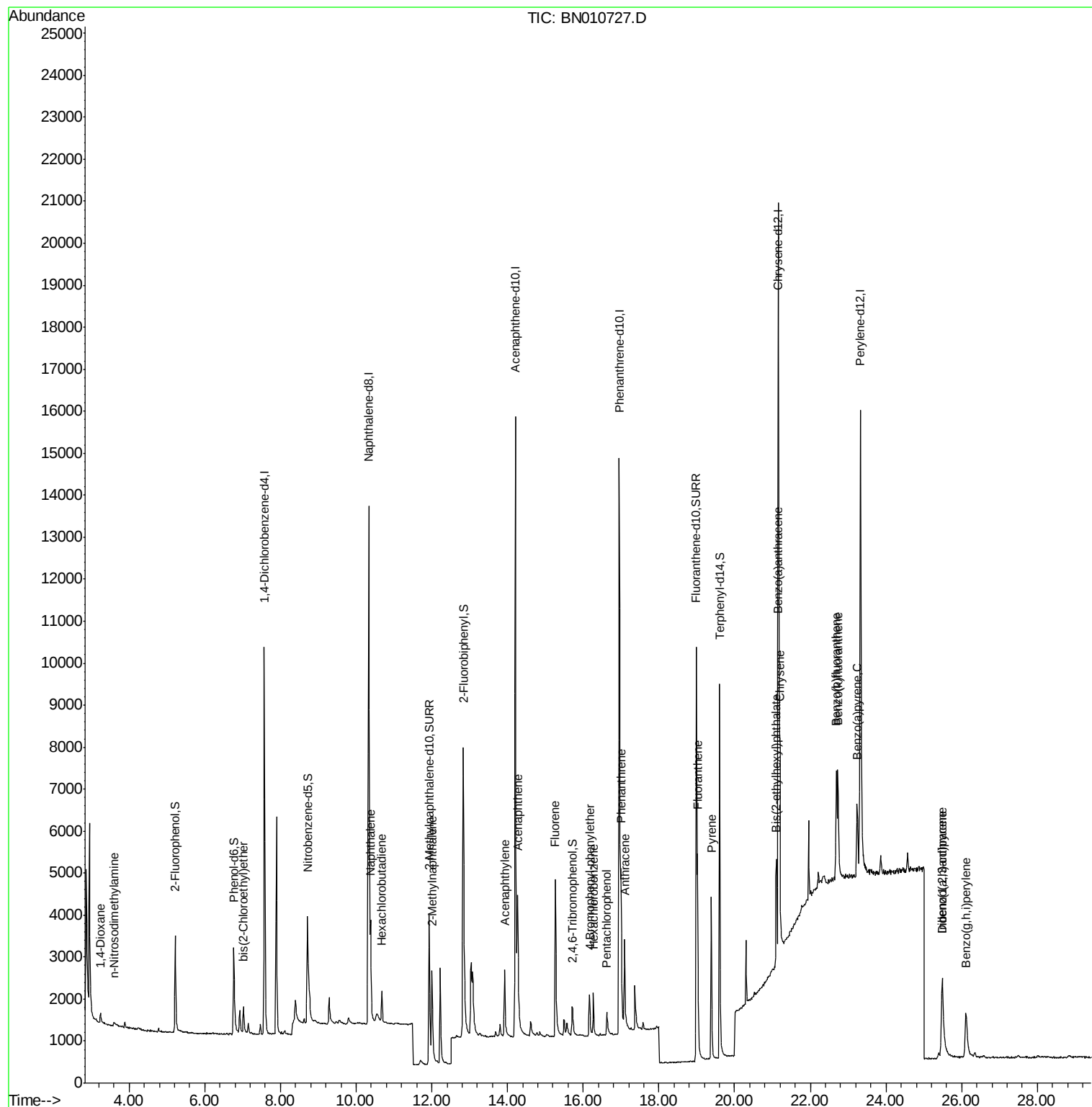
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.24	88	275	0.06	ng	# 95
3) n-Nitrosodimethylamine	3.61	42	128	0.05	ng	# 95
6) bis(2-Chloroethyl)ether	7.03	93	745	0.06	ng	95
9) Naphthalene	10.38	128	3124	0.07	ng	95
10) Hexachlorobutadiene	10.67	225	671	0.06	ng	# 97
12) 2-Methylnaphthalene	12.00	142	2114	0.06	ng	97
16) Acenaphthylene	13.92	152	2661	0.06	ng	99
17) Acenaphthene	14.27	154	1939	0.06	ng	99
18) Fluorene	15.26	166	2480	0.06	ng	99
20) 4-Bromophenyl-phenylether	16.17	248	719	0.05	ng	94
21) Hexachlorobenzene	16.27	284	1021	0.06	ng	98
22) Pentachlorophenol	16.62	266	516	0.10	ng	96
23) Phenanthrene	17.00	178	3987	0.06	ng	98
24) Anthracene	17.09	178	3033	0.05	ng	99
26) Fluoranthene	19.02	202	4526	0.06	ng	98
28) Pyrene	19.39	202	4380	0.06	ng	99
30) Benzo(a)anthracene	21.14	228	3650	0.06	ng	95
31) Chrysene	21.20	228	4010	0.06	ng	98
32) Bis(2-ethylhexyl)phthalate	21.09	149	2231	0.09	ng	99
33) Indeno(1,2,3-cd)pyrene	25.48	276	3440	0.06	ng	99
35) Benzo(b)fluoranthene	22.69	252	3514	0.06	ng	# 68
36) Benzo(k)fluoranthene	22.73	252	3901	0.06	ng	# 68
37) Benzo(a)pyrene	23.24	252	2901	0.06	ng	# 49
38) Dibenzo(a,h)anthracene	25.49	278	2726	0.06	ng	# 67
39) Benzo(g,h,i)perylene	26.11	276	3260	0.06	ng	# 87

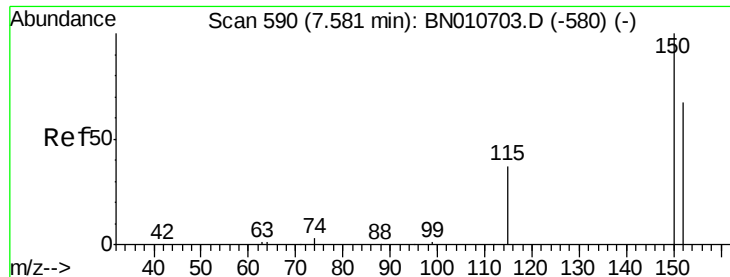
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051520\
Data File : BN010727.D
Acq On : 15 May 2020 12:26
Operator : CG/JU
Sample : L2182-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2020

Quant Time: May 15 12:58:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 10:34:23 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.57 min Scan# 589

Delta R.T. -0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

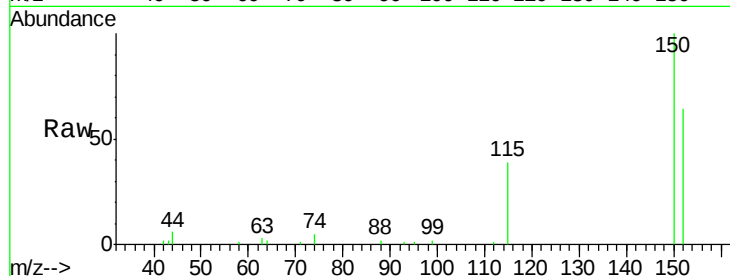
Tgt Ion: 152 Resp: 5005

Ion Ratio Lower Upper

152 100

150 156.8 119.4 179.0

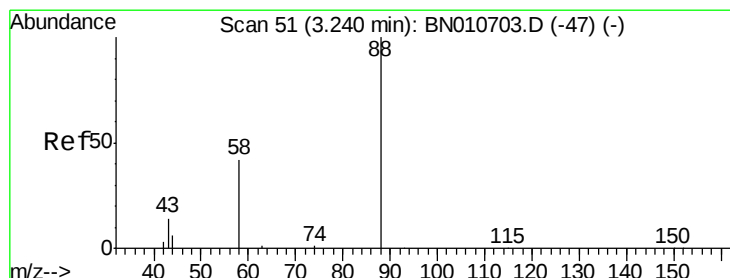
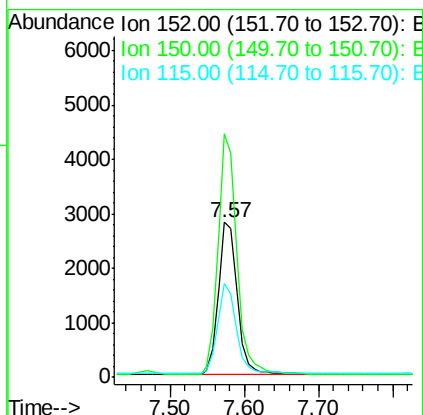
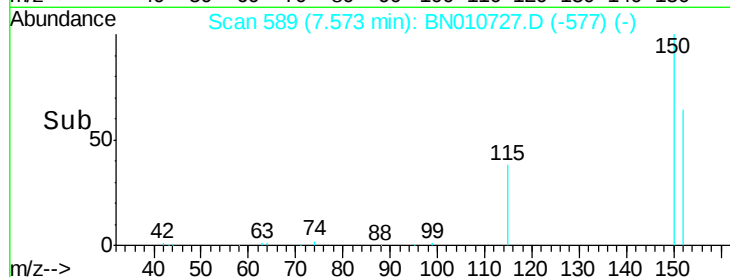
115 60.5 45.9 68.9



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



#2

1,4-Dioxane

Concen: 0.06 ng

RT: 3.24 min Scan# 51

Delta R.T. -0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

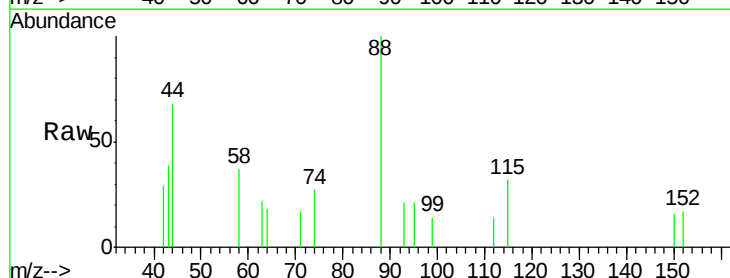
Tgt Ion: 88 Resp: 275

Ion Ratio Lower Upper

88 100

58 46.9 39.0 58.6

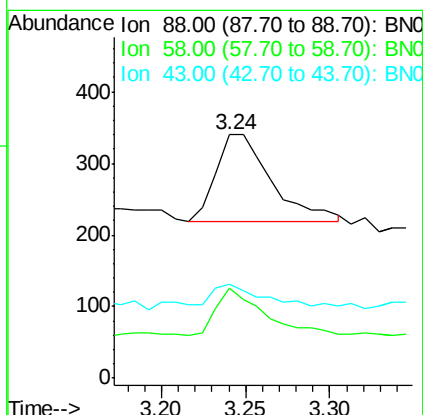
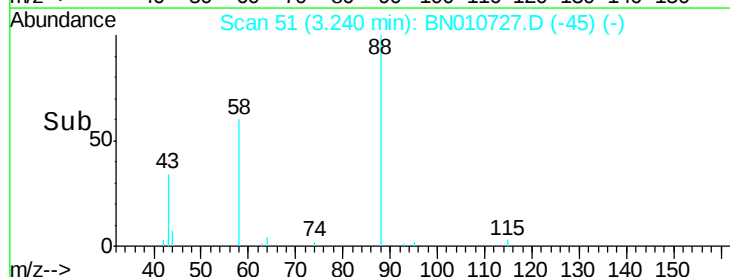
43 21.1 13.1 19.7#

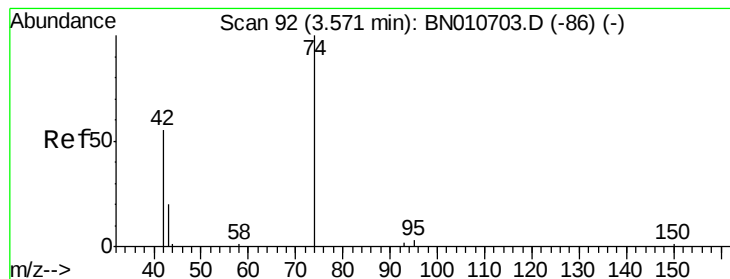


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.61 min Scan# 97

Delta R.T. 0.03 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

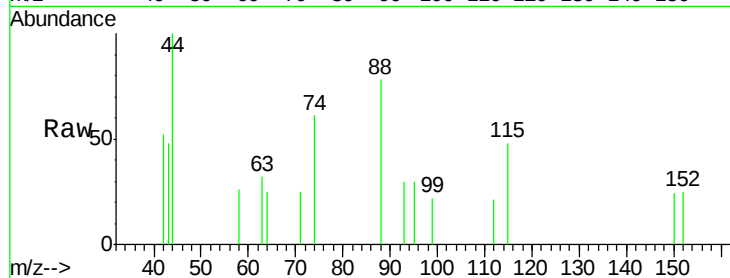
Tgt Ion: 42 Resp: 128

Ion Ratio Lower Upper

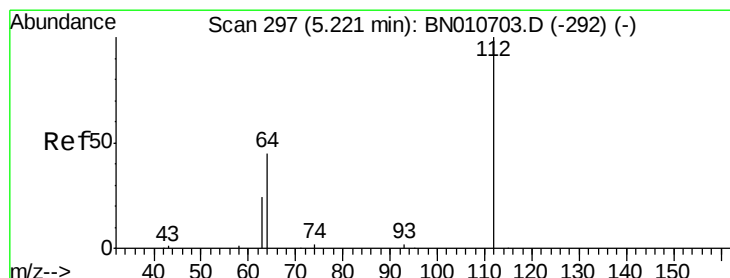
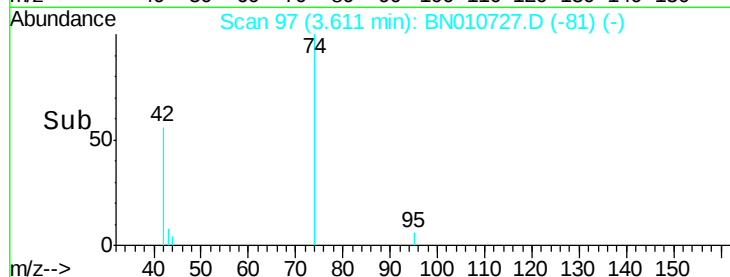
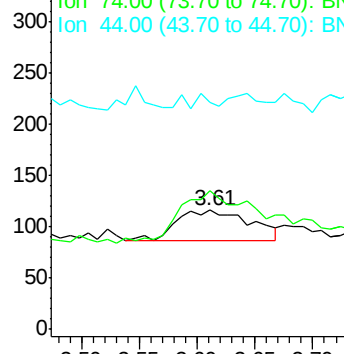
42 100

74 175.8 146.2 219.2

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



#4

2-Fluorophenol

Concen: 0.26 ng

RT: 5.22 min Scan# 297

Delta R.T. -0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

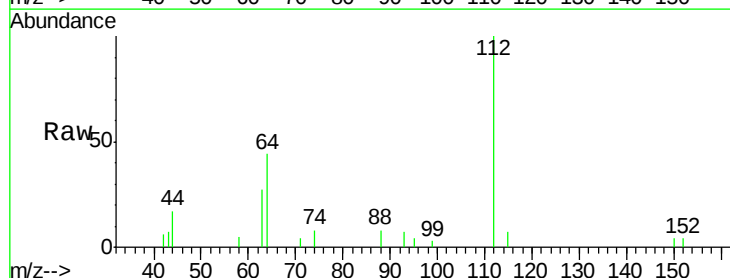
Tgt Ion: 112 Resp: 2519

Ion Ratio Lower Upper

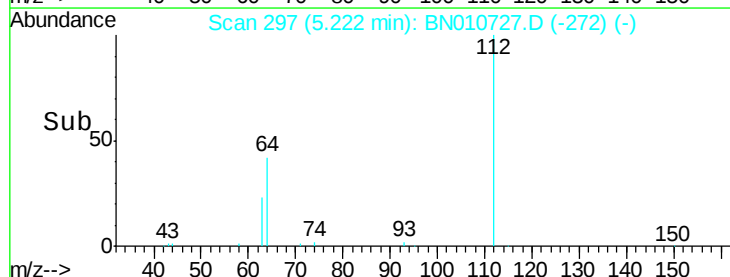
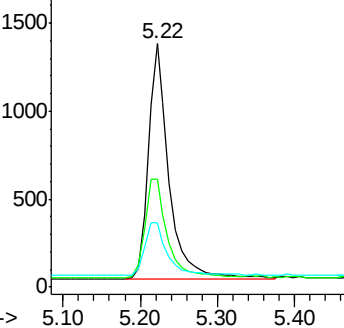
112 100

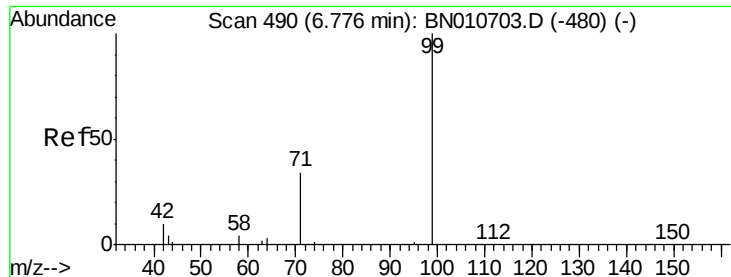
64 44.8 36.2 54.4

63 24.4 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: 0.25 ng

RT: 6.77 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

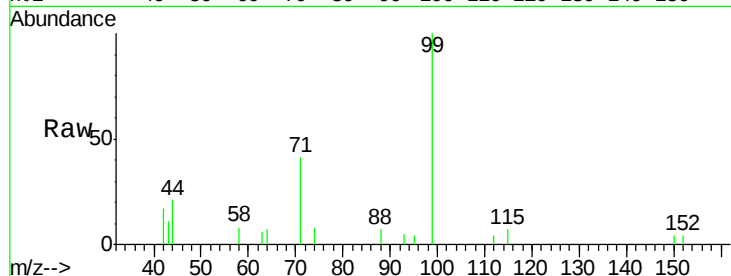
Tgt Ion: 99 Resp: 2953

Ion Ratio Lower Upper

99 100

42 12.2 9.8 14.8

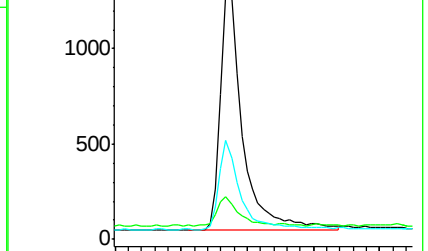
71 34.5 28.6 42.8



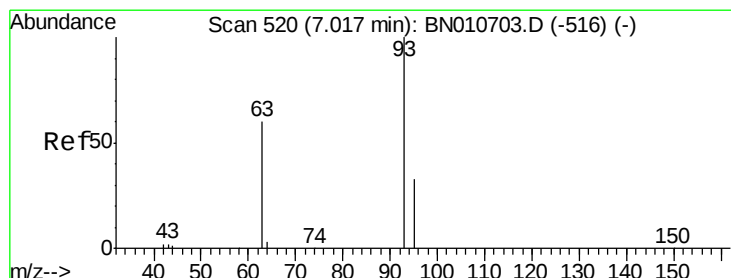
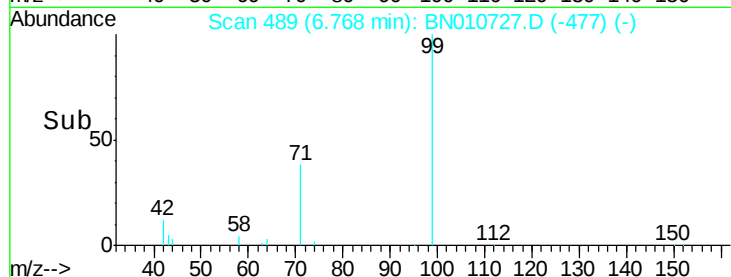
Abundance Ion 99.00 (98.70 to 99.70): BN010727.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN010727.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN010727.D (-477) (-)



Time--> 6.60 6.70 6.80 6.90 7.00



#6

bis(2-Chloroethyl)ether

Concen: 0.06 ng

RT: 7.03 min Scan# 521

Delta R.T. 0.01 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

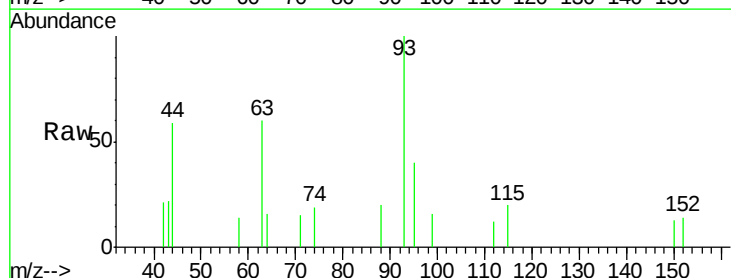
Tgt Ion: 93 Resp: 745

Ion Ratio Lower Upper

93 100

63 56.9 43.1 64.7

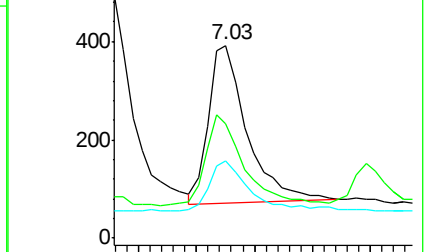
95 34.4 24.6 37.0



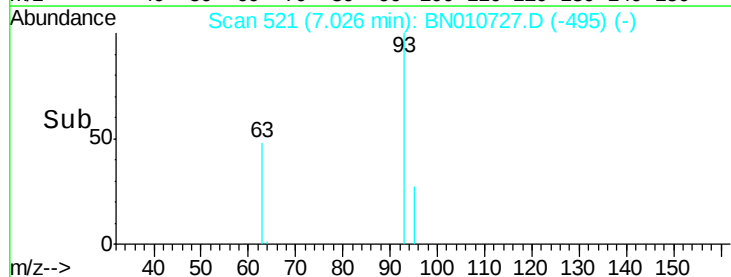
Abundance Ion 93.00 (92.70 to 93.70): BN010727.D (-495) (-)

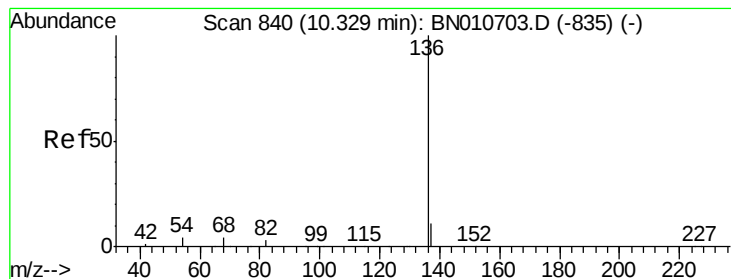
Ion 63.00 (62.70 to 63.70): BN010727.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BN010727.D (-495) (-)



Time--> 6.95 7.00 7.05 7.10 7.15





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

Tgt Ion:136 Resp: 19011

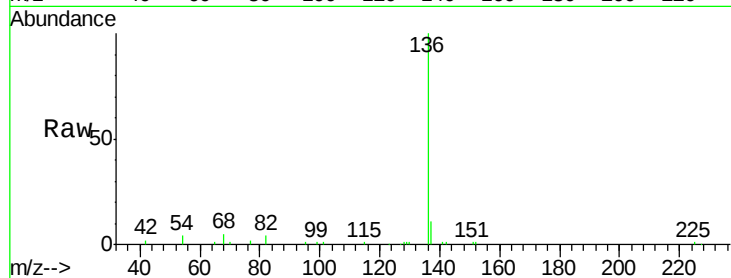
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 4.2 3.6 5.4

68 4.9 4.1 6.1

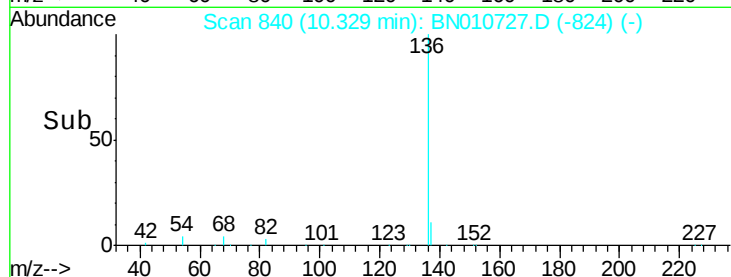


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

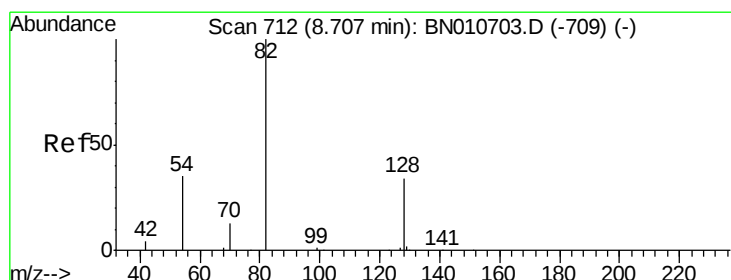
Ion 68.00 (67.70 to 68.70): BNC



Abundance

10.33

Time-->



#8

Nitrobenzene-d5

Concen: 0.24 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.01 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

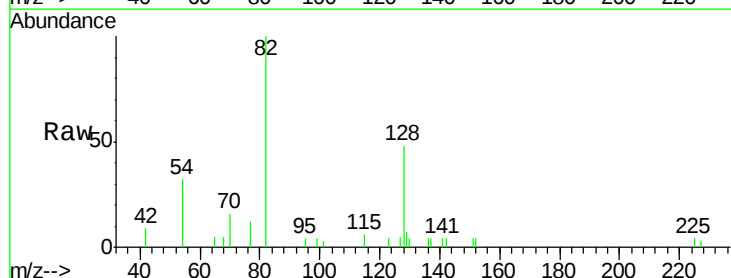
Tgt Ion: 82 Resp: 3129

Ion Ratio Lower Upper

82 100

128 48.2 29.0 43.4#

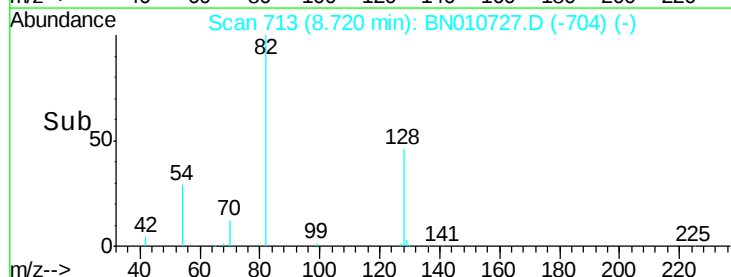
54 31.7 29.3 43.9



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

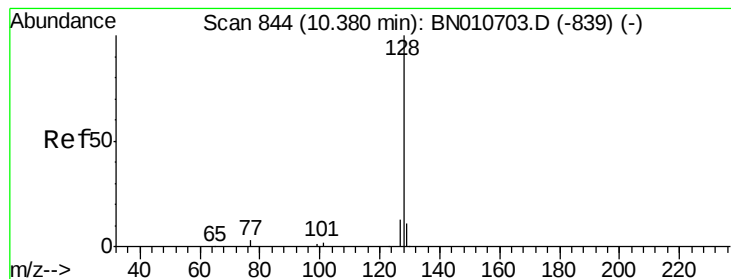
Ion 54.00 (53.70 to 54.70): BNC



Abundance

8.72

Time-->



#9

Naphthalene

Concen: 0.07 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

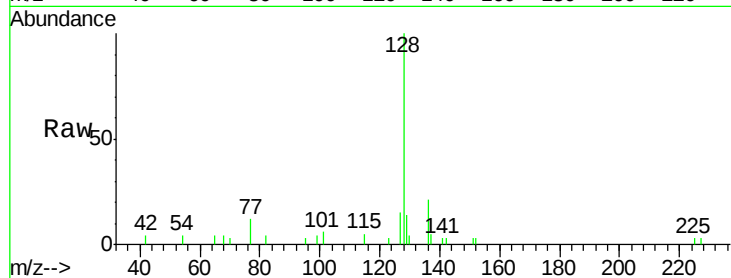
Tgt Ion:128 Resp: 3124

Ion Ratio Lower Upper

128 100

129 13.7 9.3 13.9

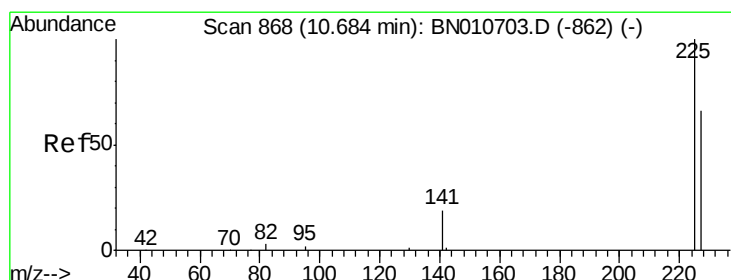
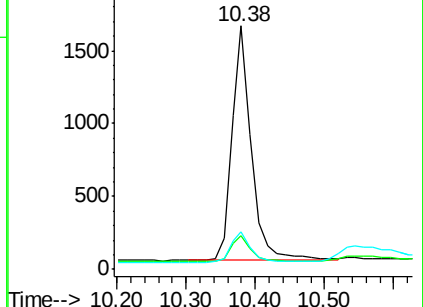
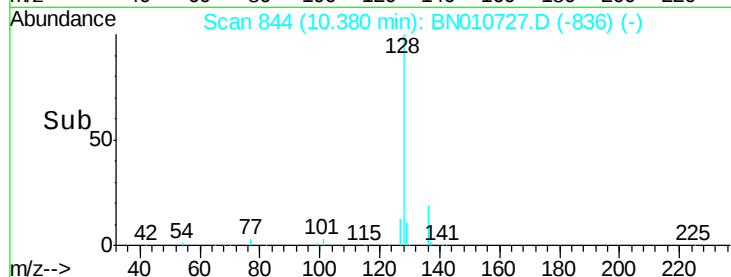
127 15.3 11.0 16.6



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: 0.06 ng

RT: 10.67 min Scan# 867

Delta R.T. -0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

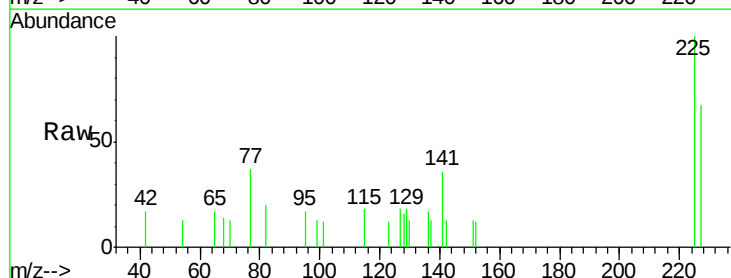
Tgt Ion:225 Resp: 671

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

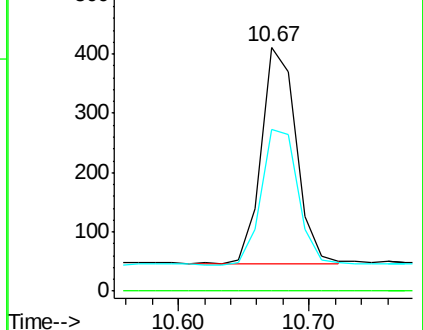
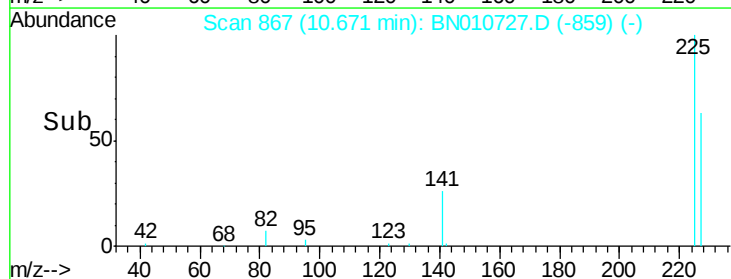
227 65.9 50.7 76.1

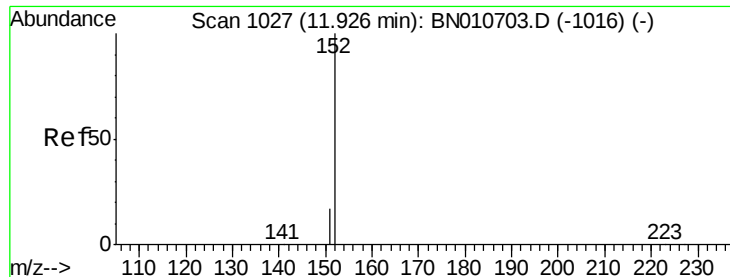


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

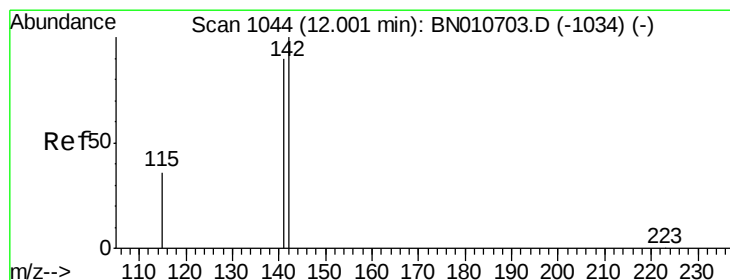
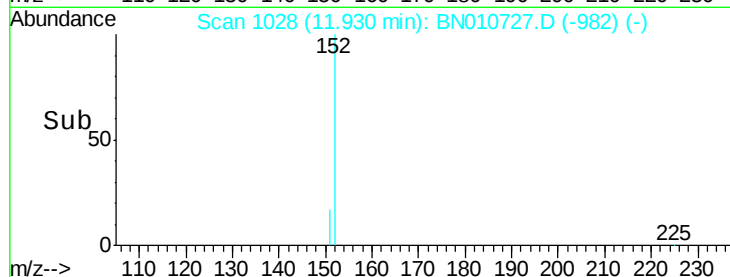
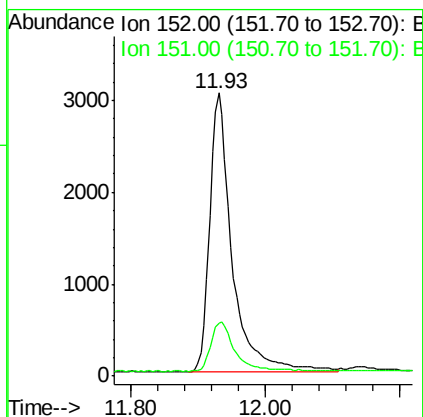
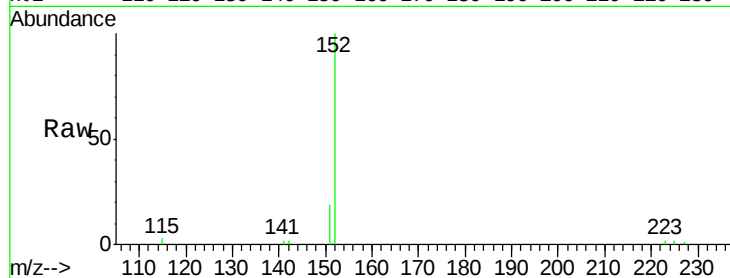




#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN010727.D
Acq: 15 May 2020 12:26

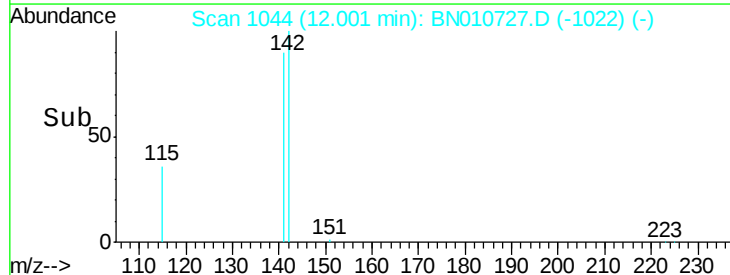
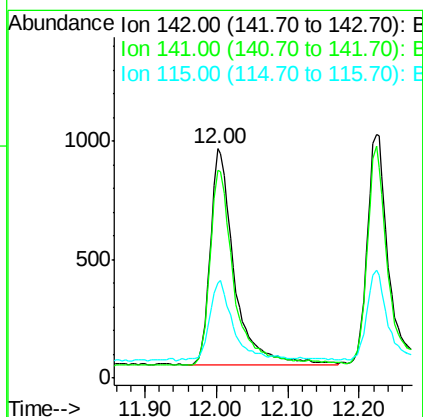
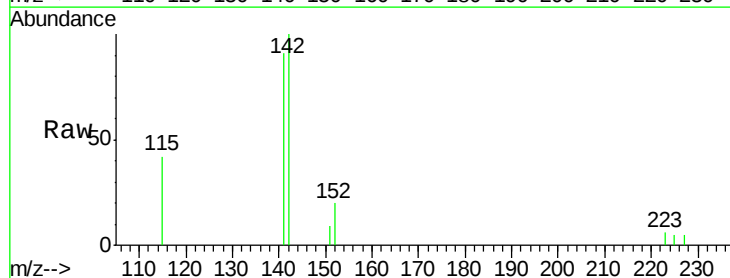
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2020

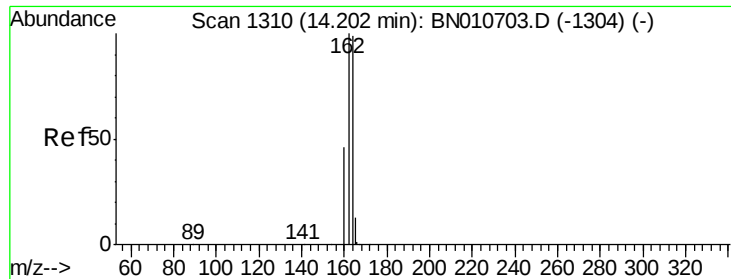
Tgt Ion:152 Resp: 6984
Ion Ratio Lower Upper
152 100
151 19.0 15.0 22.6



#12
2-Methylnaphthalene
Concen: 0.06 ng
RT: 12.00 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BN010727.D
Acq: 15 May 2020 12:26

Tgt Ion:142 Resp: 2114
Ion Ratio Lower Upper
142 100
141 90.8 71.7 107.5
115 41.7 29.8 44.6





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

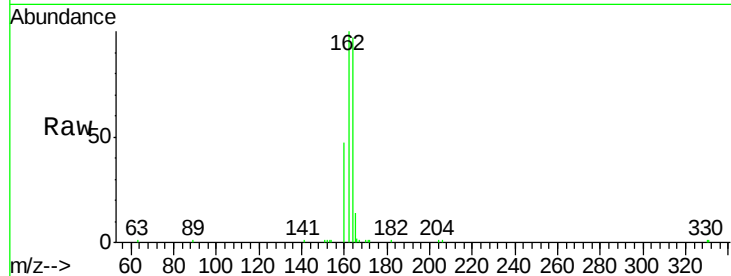
Tgt Ion:164 Resp: 11587

Ion Ratio Lower Upper

164 100

162 102.9 81.1 121.7

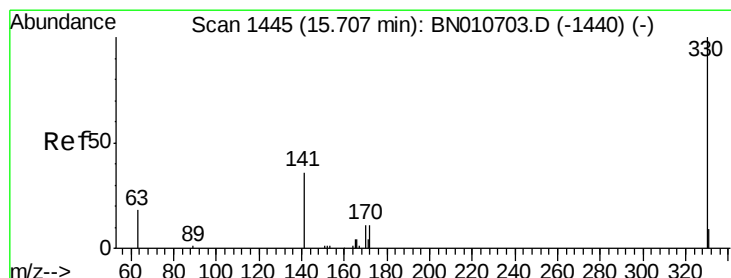
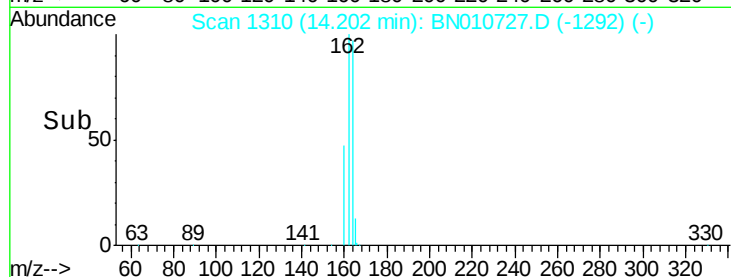
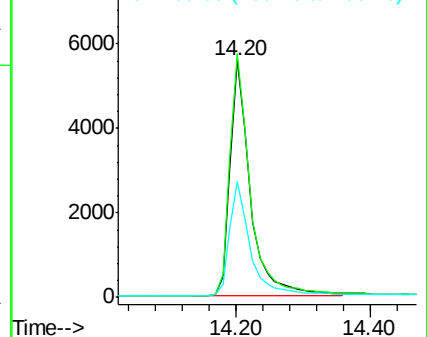
160 48.6 37.9 56.9



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: 0.21 ng

RT: 15.72 min Scan# 1446

Delta R.T. 0.02 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

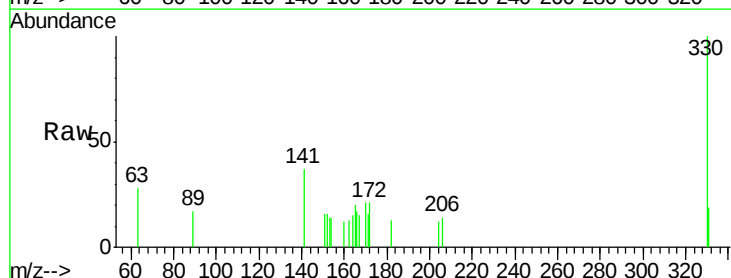
Tgt Ion:330 Resp: 873

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

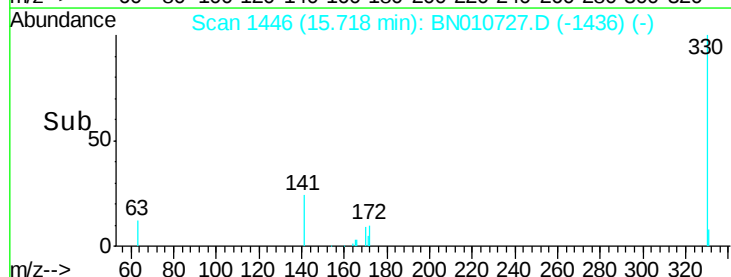
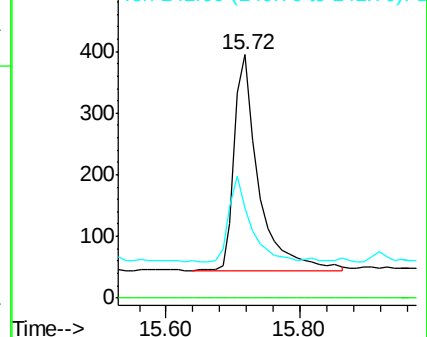
141 35.7 28.8 43.2

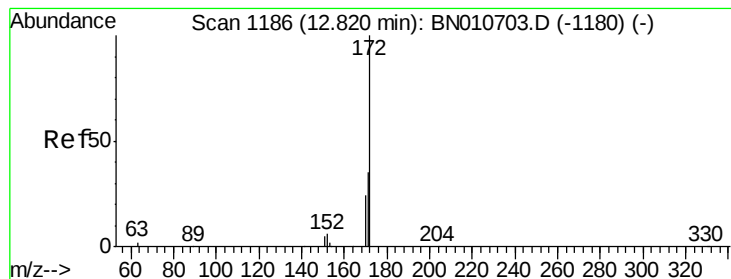


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.23 ng

RT: 12.83 min Scan# 1187

Delta R.T. 0.02 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

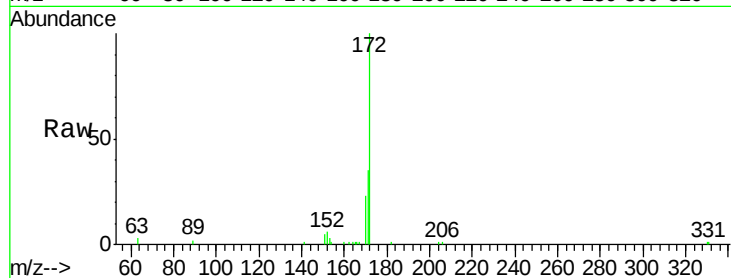
Tgt Ion:172 Resp: 9970

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

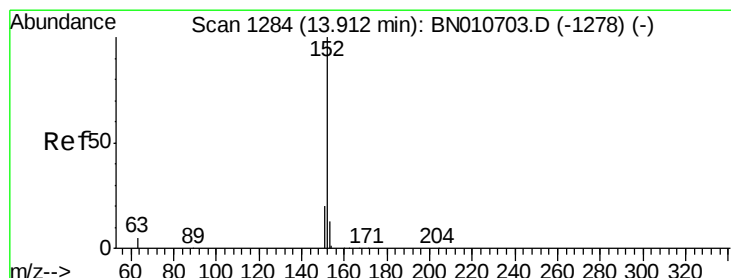
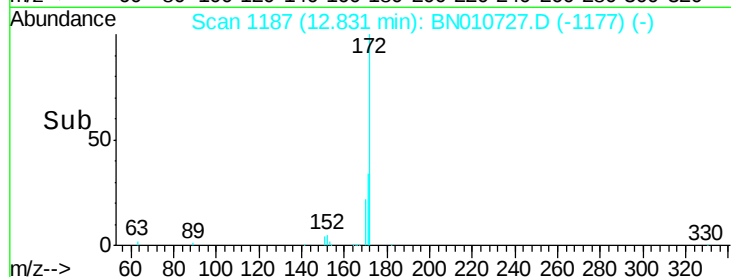
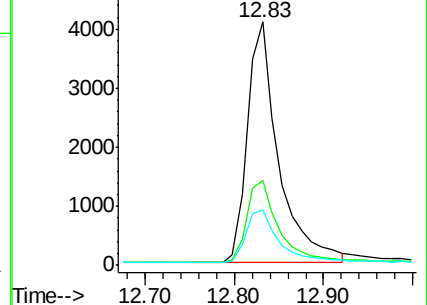
170 23.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.06 ng

RT: 13.92 min Scan# 1285

Delta R.T. 0.02 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

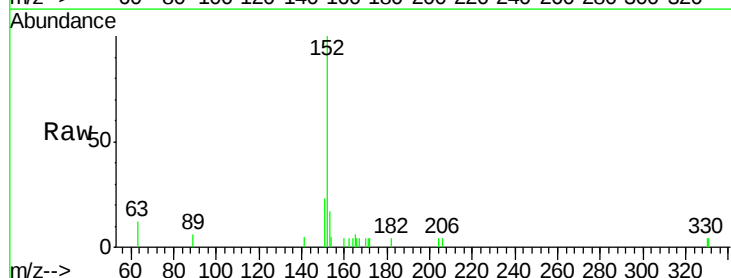
Tgt Ion:152 Resp: 2661

Ion Ratio Lower Upper

152 100

151 20.1 15.6 23.4

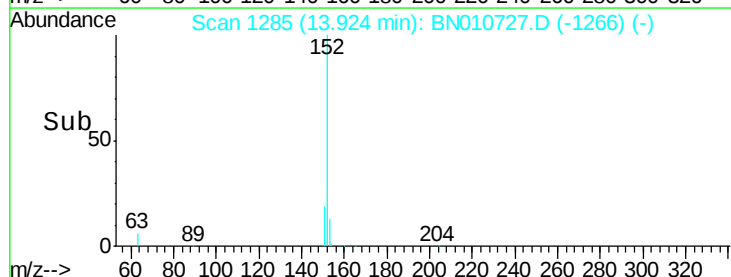
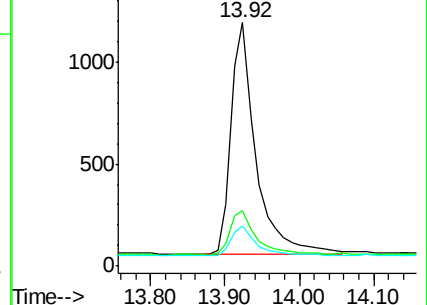
153 13.3 10.4 15.6

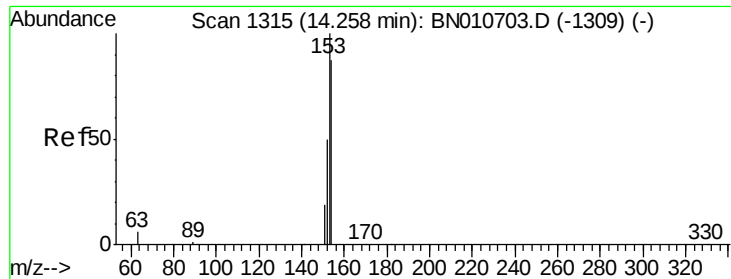


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.06 ng

RT: 14.27 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

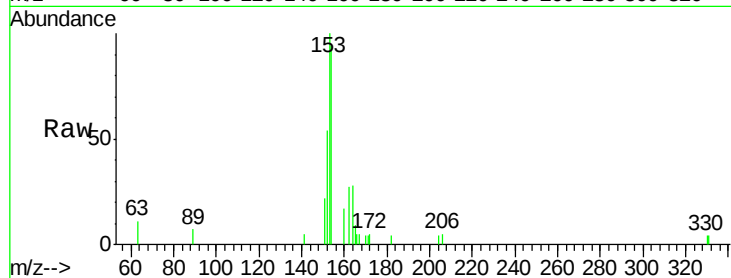
Tgt Ion:154 Resp: 1939

Ion Ratio Lower Upper

154 100

153 114.6 91.5 137.3

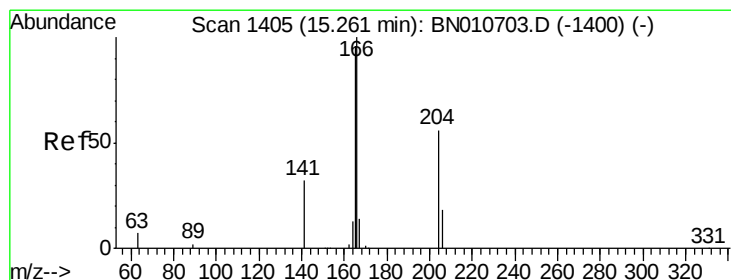
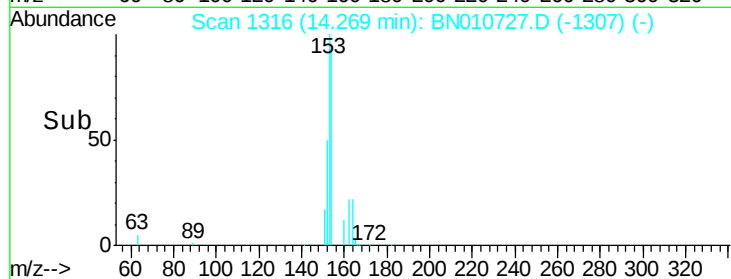
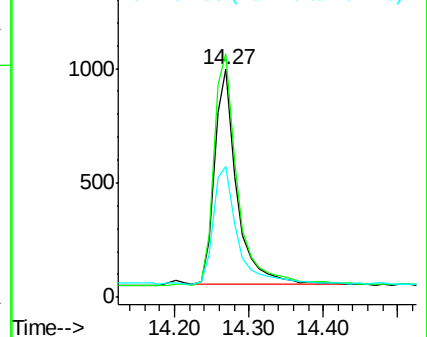
152 59.7 45.6 68.4



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: 0.06 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

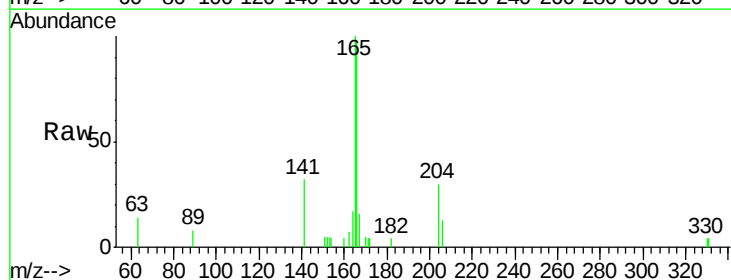
Tgt Ion:166 Resp: 2480

Ion Ratio Lower Upper

166 100

165 98.9 77.9 116.9

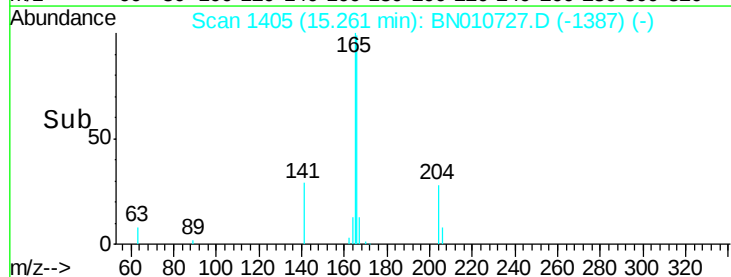
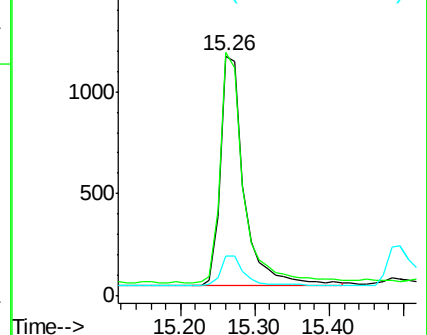
167 13.5 11.0 16.4

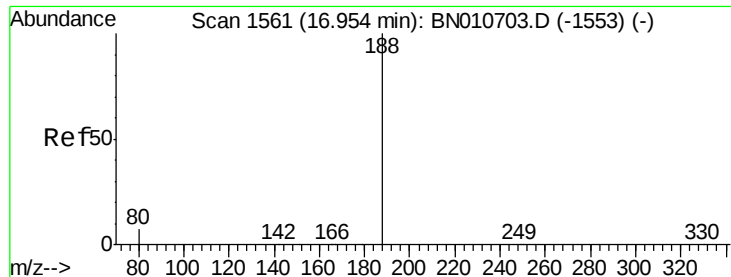


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

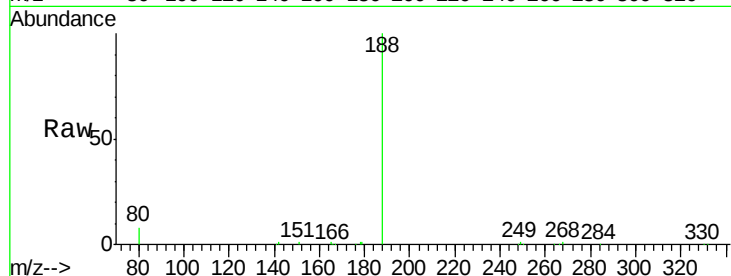
Tgt Ion:188 Resp: 24806

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

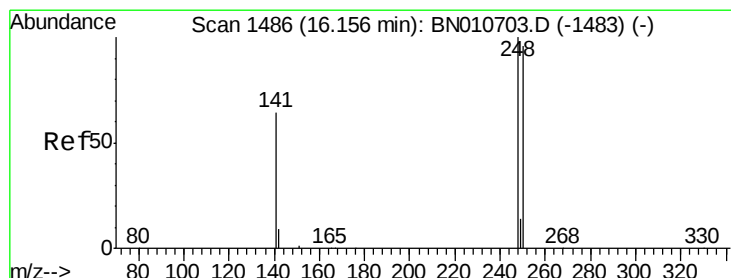
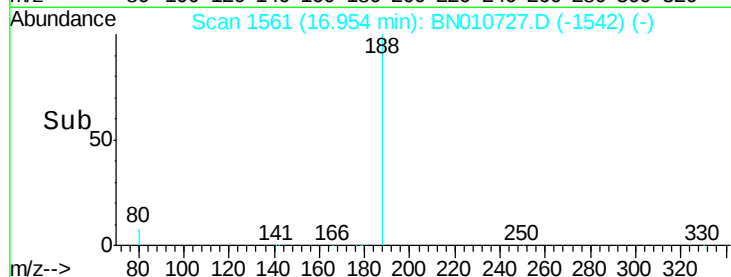
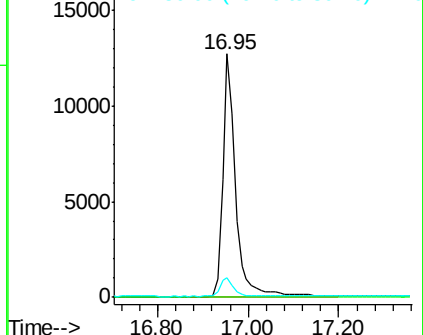
80 8.3 6.3 9.5



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: 0.05 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

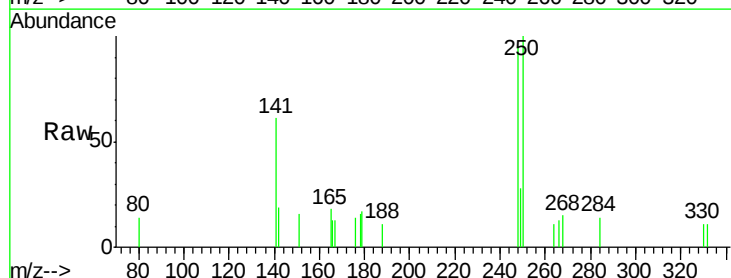
Tgt Ion:248 Resp: 719

Ion Ratio Lower Upper

248 100

250 105.4 77.4 116.0

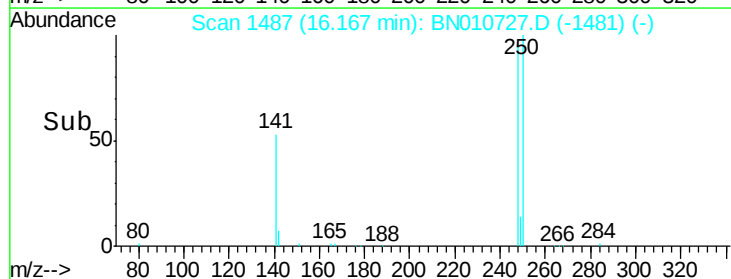
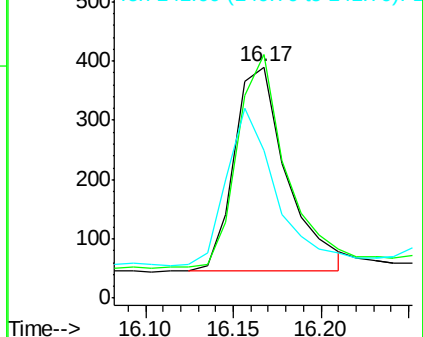
141 64.1 53.1 79.7

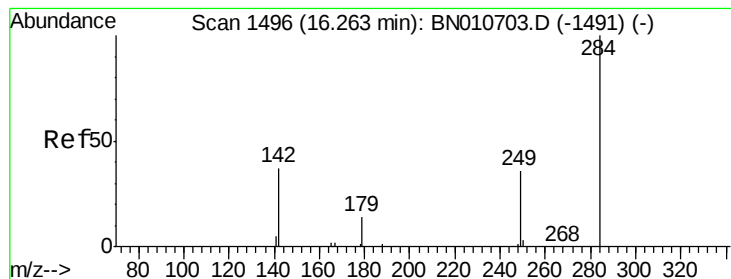


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.06 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

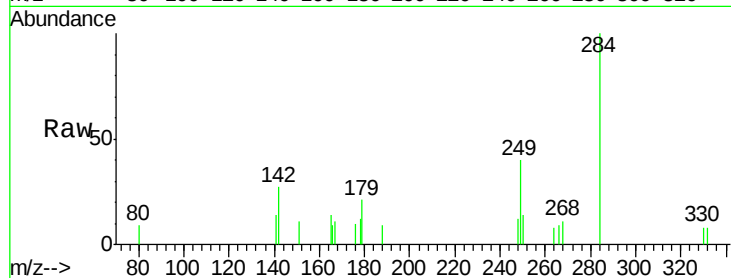
Tgt Ion:284 Resp: 1021

Ion Ratio Lower Upper

284 100

142 33.7 28.2 42.2

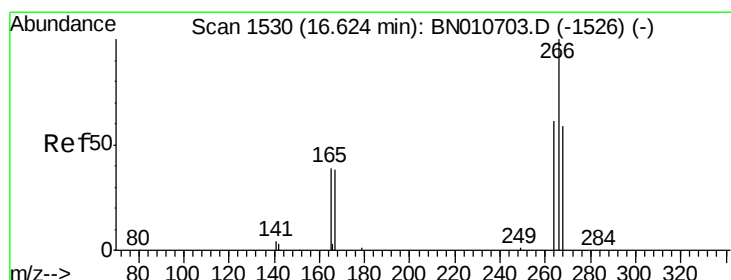
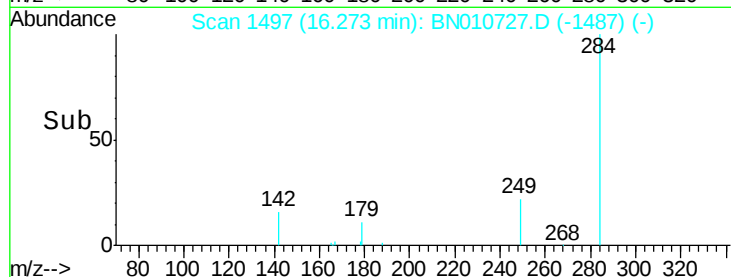
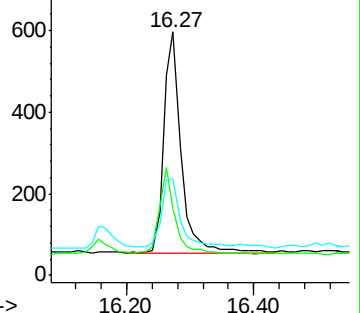
249 33.7 26.4 39.6



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: 0.10 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

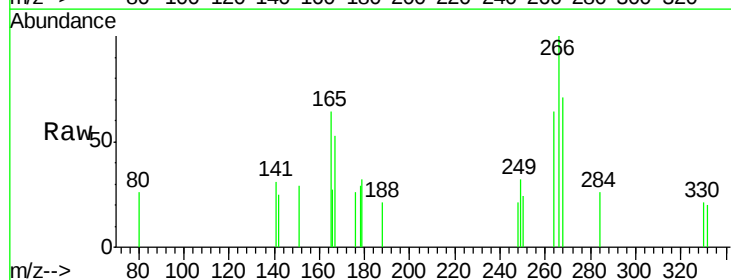
Tgt Ion:266 Resp: 516

Ion Ratio Lower Upper

266 100

264 64.5 51.1 76.7

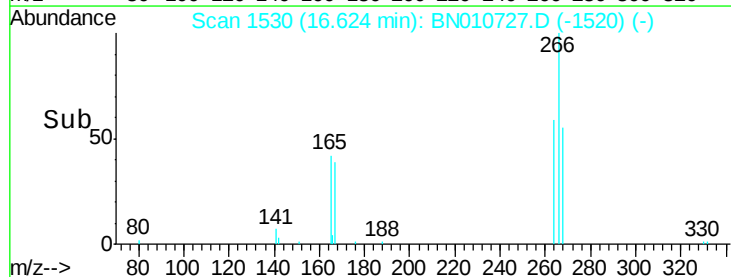
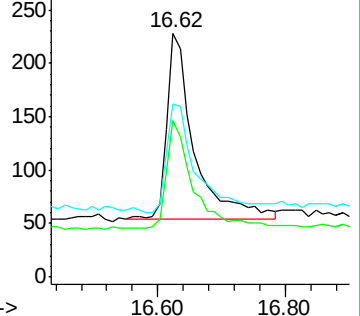
268 71.1 52.1 78.1

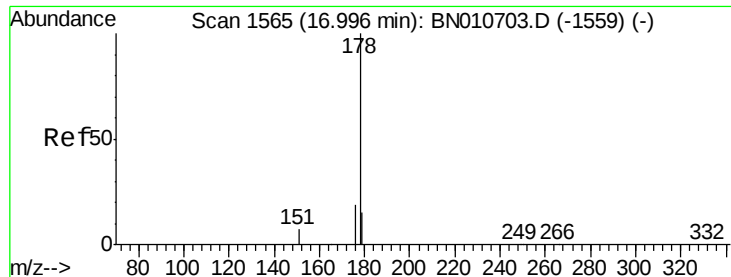


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.06 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

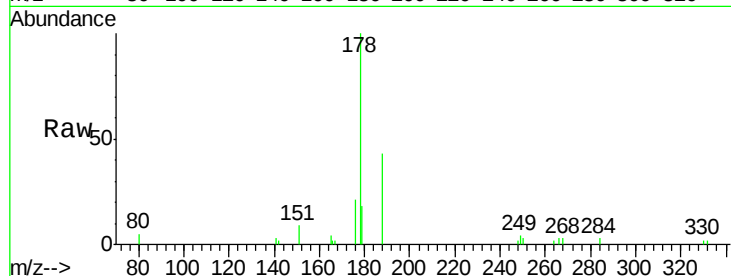
Tgt Ion:178 Resp: 3987

Ion Ratio Lower Upper

178 100

176 19.5 14.9 22.3

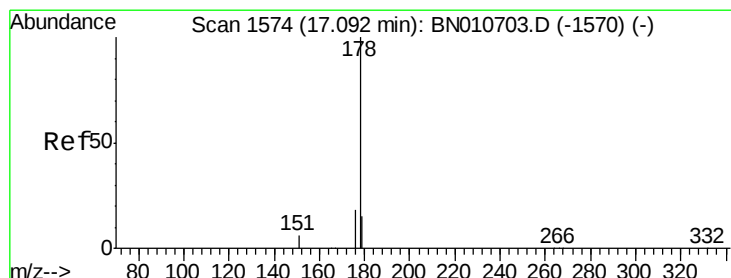
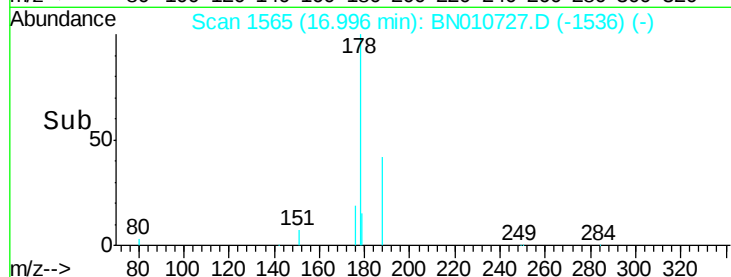
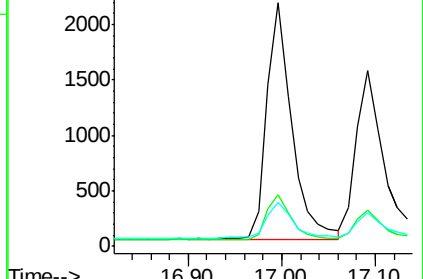
179 16.2 12.2 18.4



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: 0.05 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

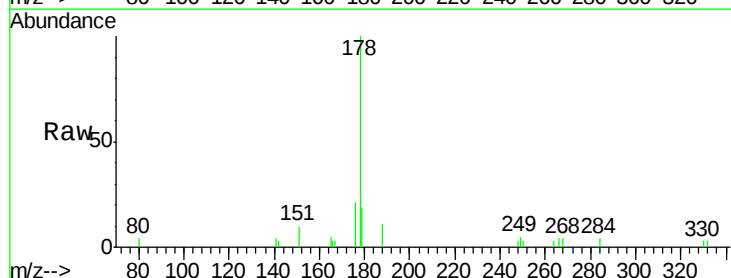
Tgt Ion:178 Resp: 3033

Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

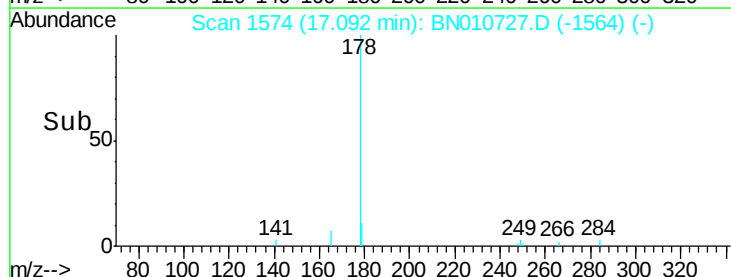
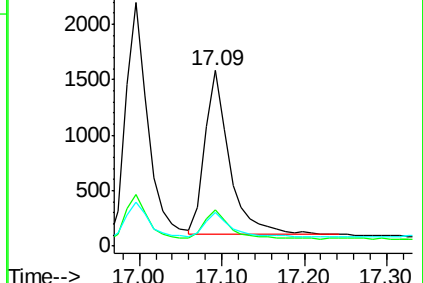
179 16.1 12.3 18.5

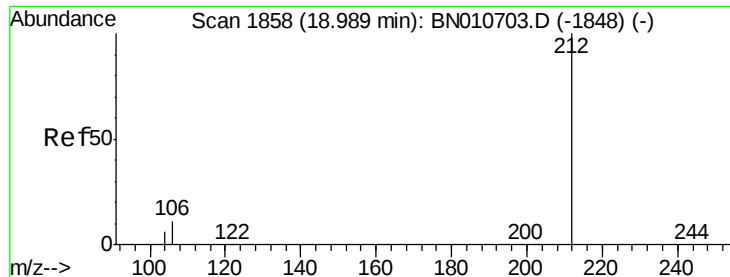


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.21 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

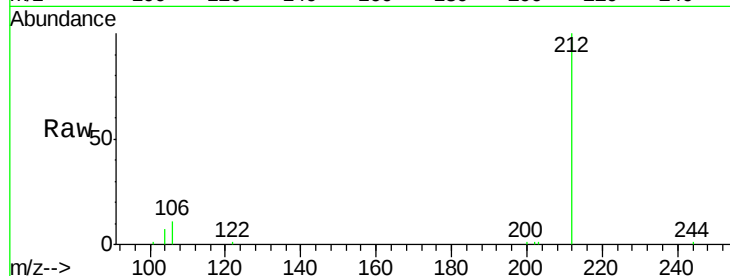
Tgt Ion:212 Resp: 14422

Ion Ratio Lower Upper

212 100

106 9.8 8.2 12.2

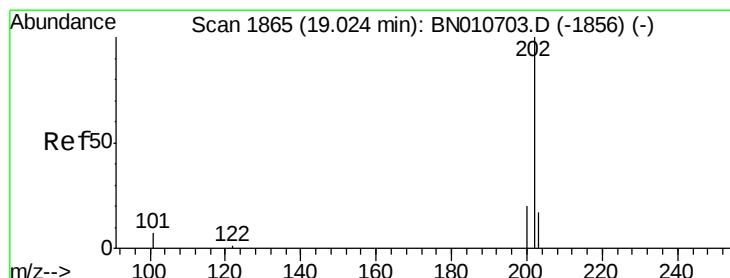
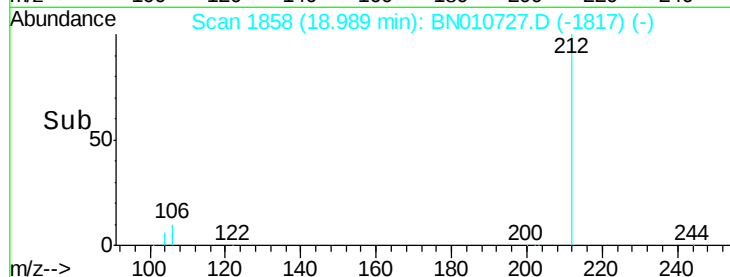
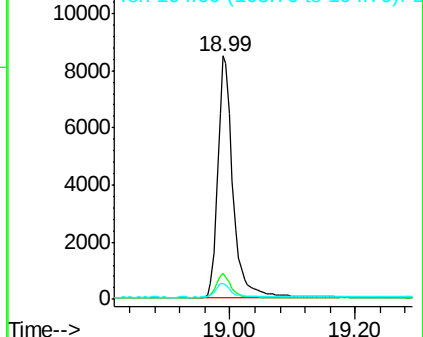
104 5.6 4.7 7.1



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: 0.06 ng

RT: 19.02 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

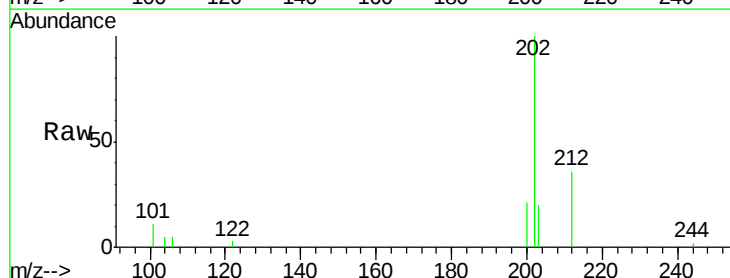
Tgt Ion:202 Resp: 4526

Ion Ratio Lower Upper

202 100

101 9.1 6.7 10.1

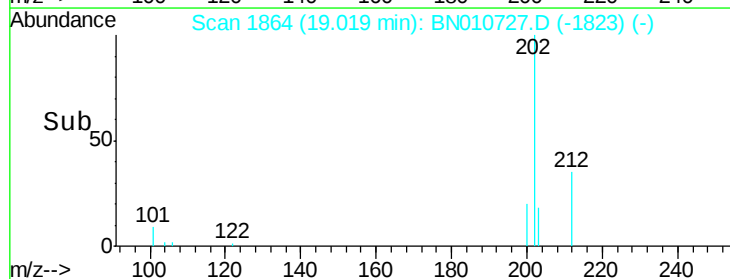
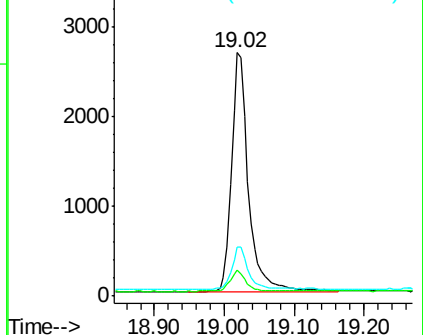
203 17.3 13.4 20.0

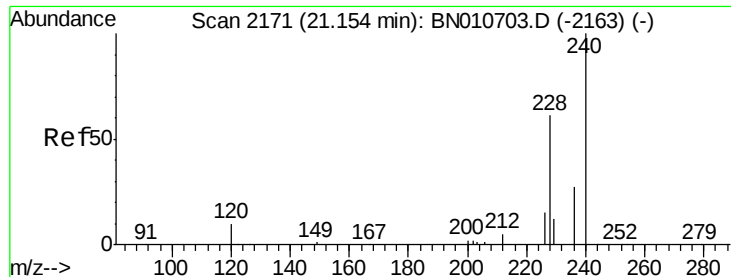


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

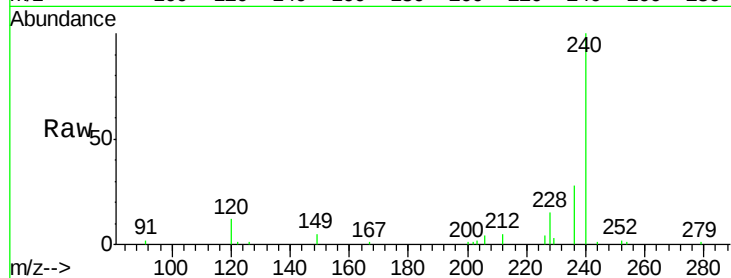
Tgt Ion:240 Resp: 19389

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

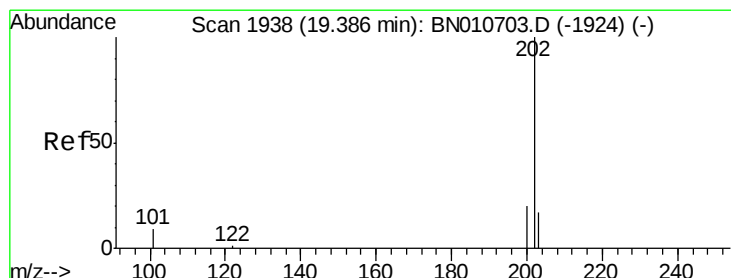
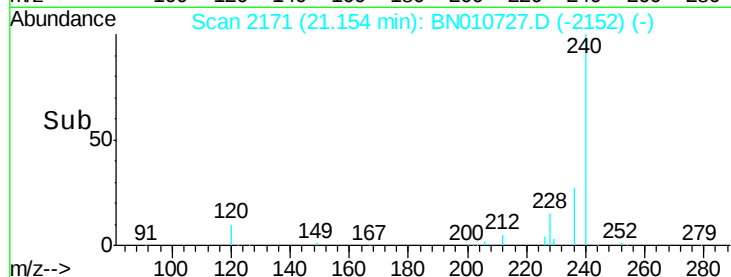
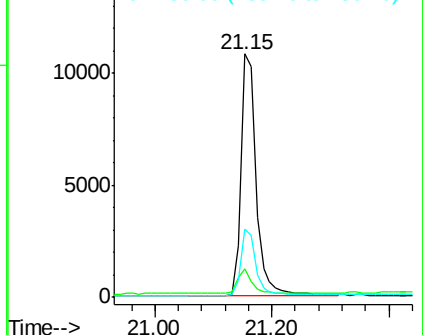
236 27.9 22.5 33.7



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: 0.06 ng

RT: 19.39 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

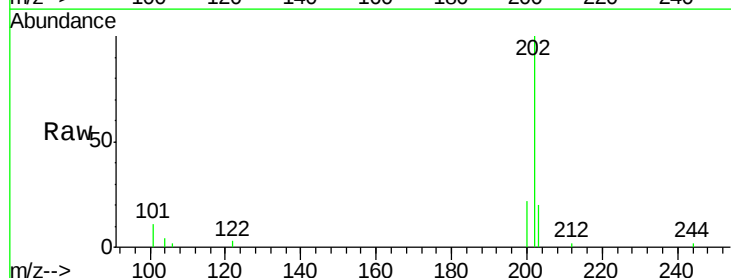
Tgt Ion:202 Resp: 4380

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

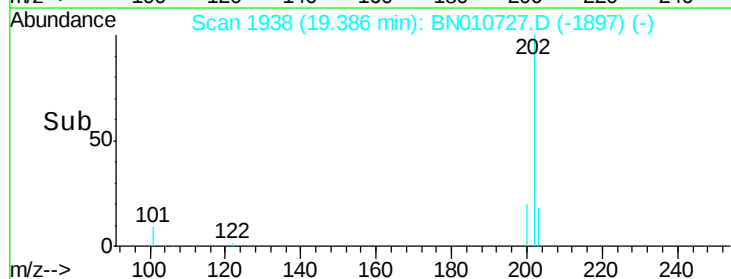
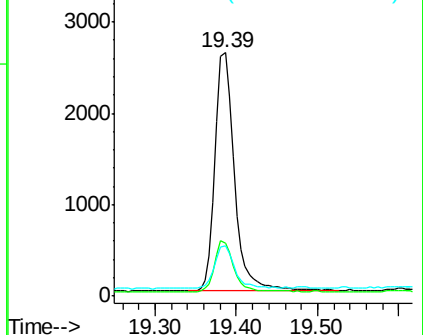
203 18.5 14.1 21.1

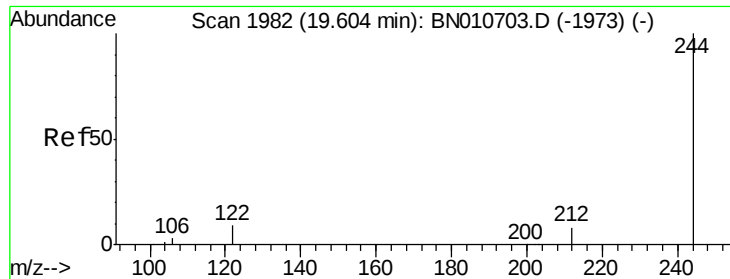


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.25 ng

RT: 19.60 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

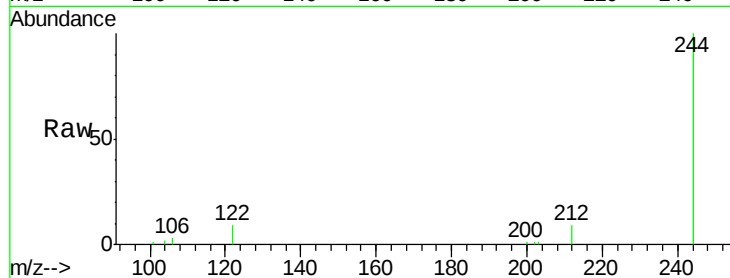
Tgt Ion:244 Resp: 11362

Ion Ratio Lower Upper

244 100

212 8.7 6.8 10.2

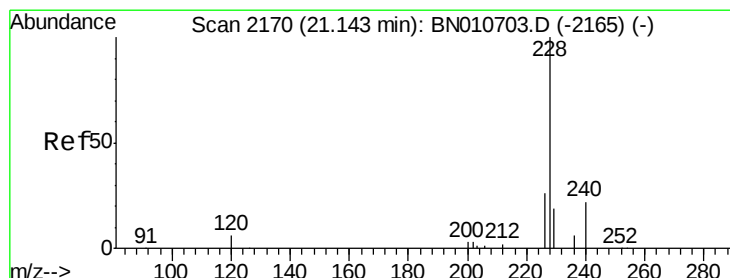
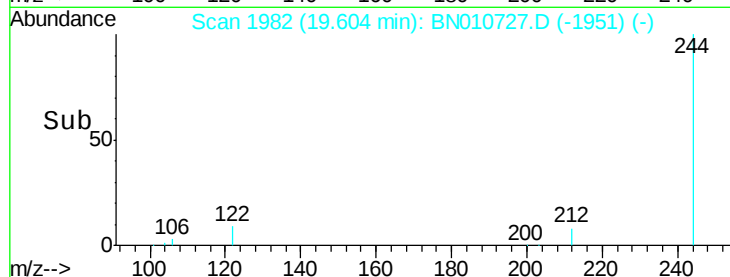
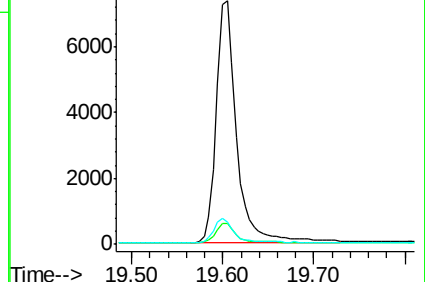
122 9.2 8.1 12.1



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: 0.06 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

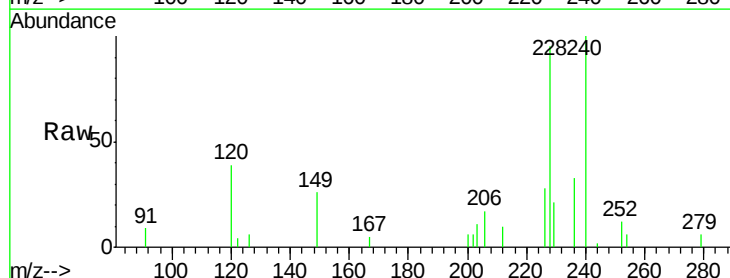
Tgt Ion:228 Resp: 3650

Ion Ratio Lower Upper

228 100

226 29.4 21.3 31.9

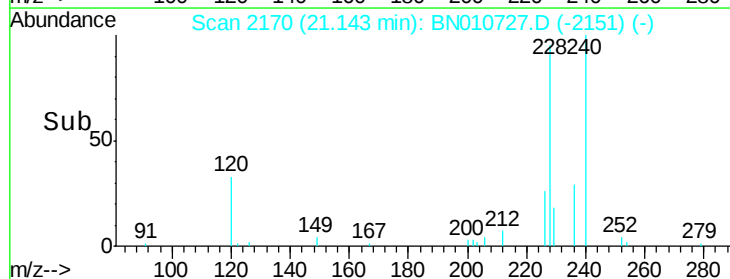
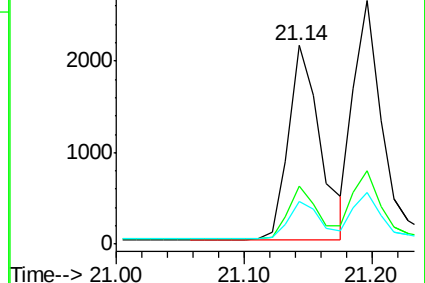
229 21.6 16.0 24.0

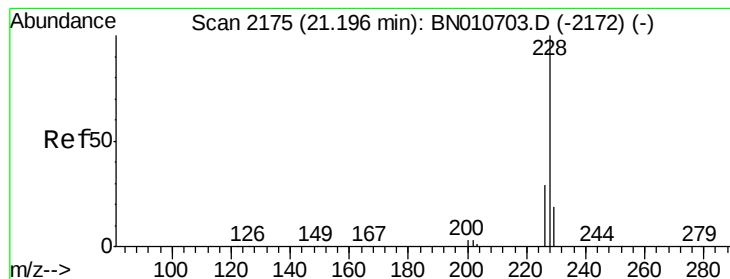


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.06 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

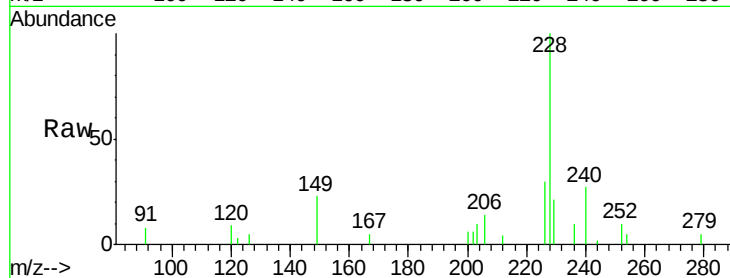
Tgt Ion:228 Resp: 4010

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

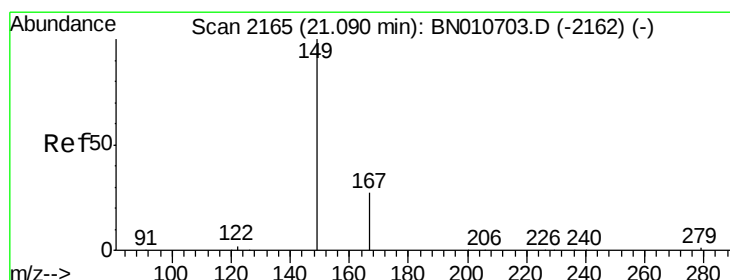
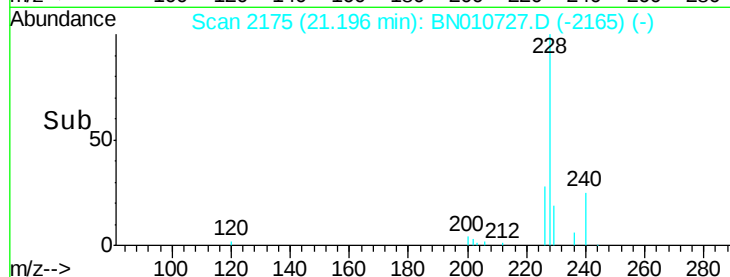
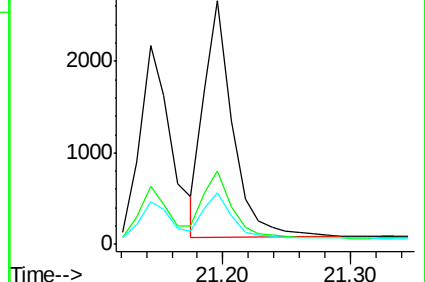
229 21.2 16.1 24.1



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: 0.09 ng

RT: 21.09 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

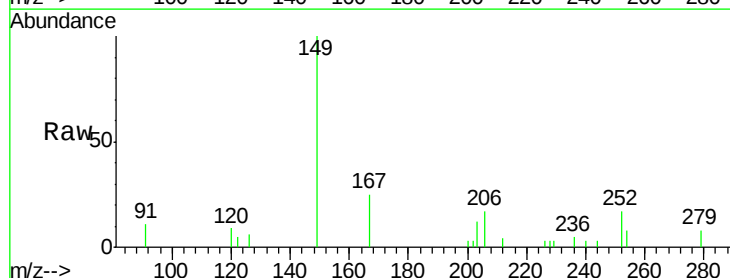
Tgt Ion:149 Resp: 2231

Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

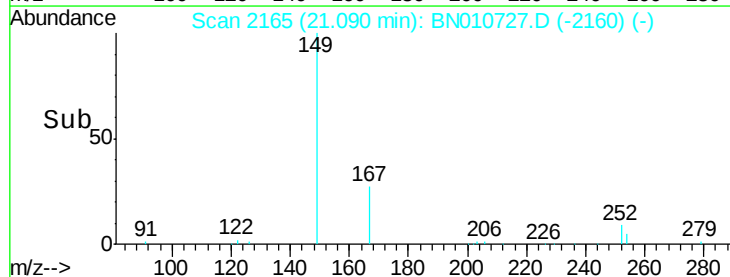
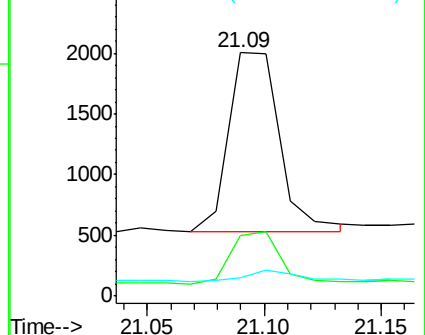
279 5.8 4.1 6.1

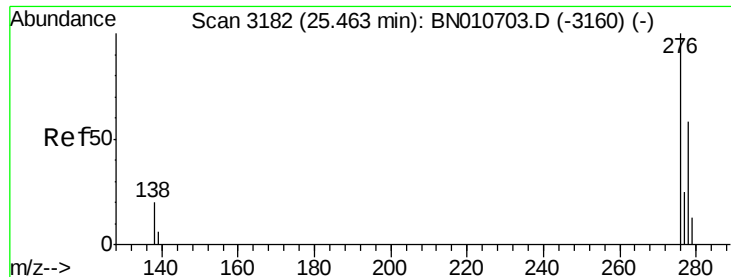


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.06 ng

RT: 25.48 min Scan# 3186

Delta R.T. 0.02 min

Lab File: BN010727.D

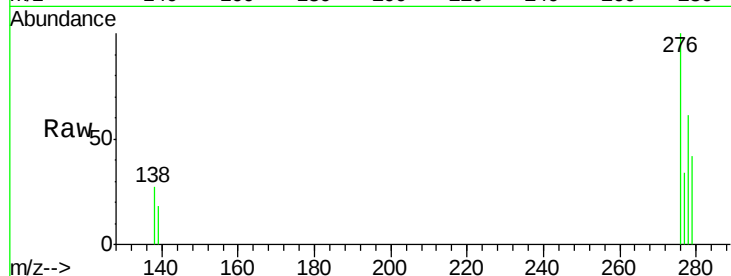
Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020



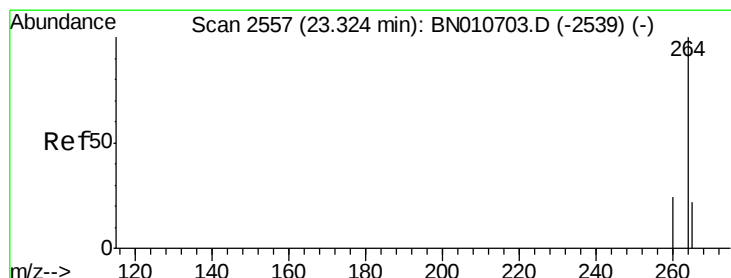
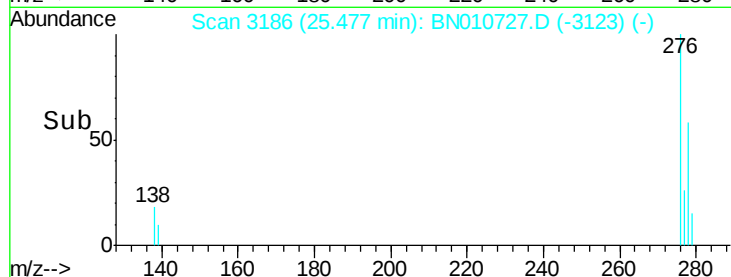
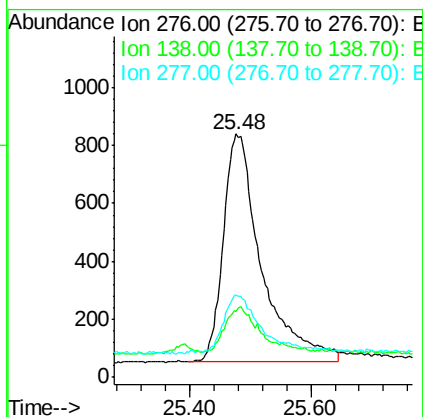
Tgt Ion:276 Resp: 3440

Ion Ratio Lower Upper

276 100

138 17.6 15.1 22.7

277 24.1 19.4 29.0



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.32 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

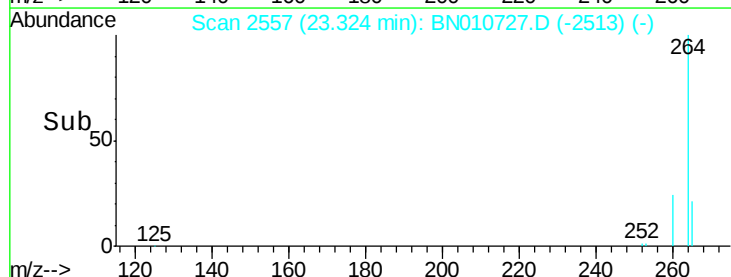
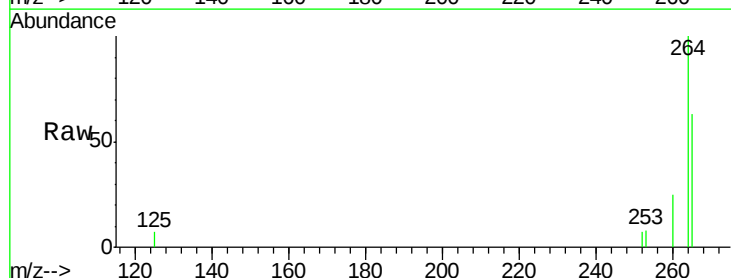
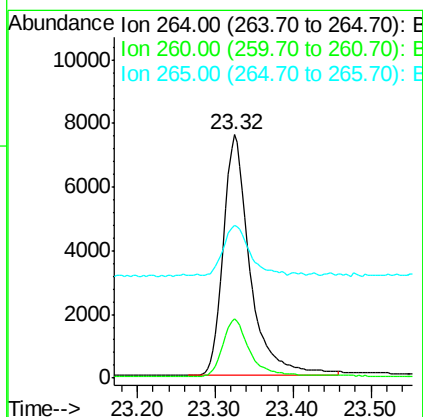
Tgt Ion:264 Resp: 17920

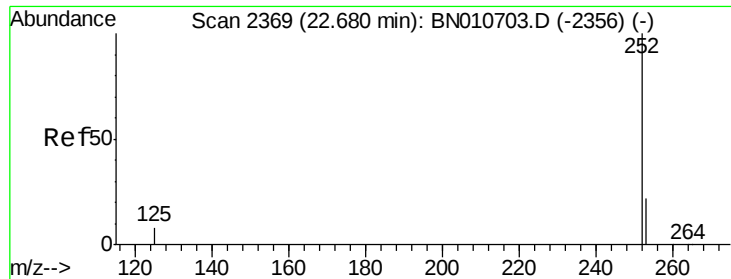
Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 62.9 70.1 105.1#

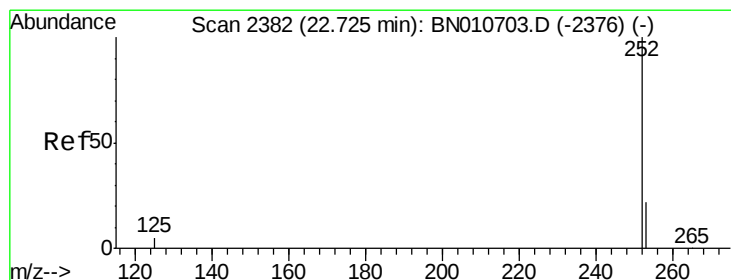
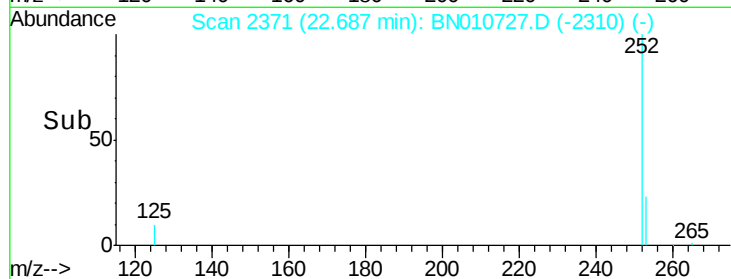
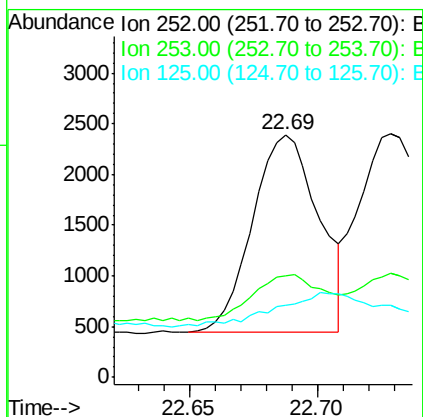
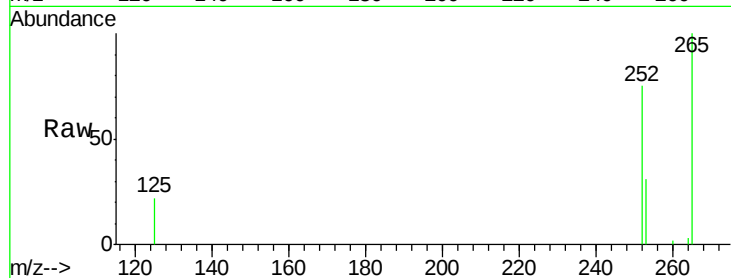




#35
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.01 min
Lab File: BN010727.D
Acq: 15 May 2020 12:26

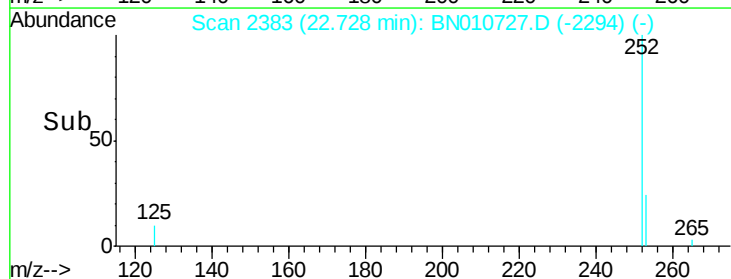
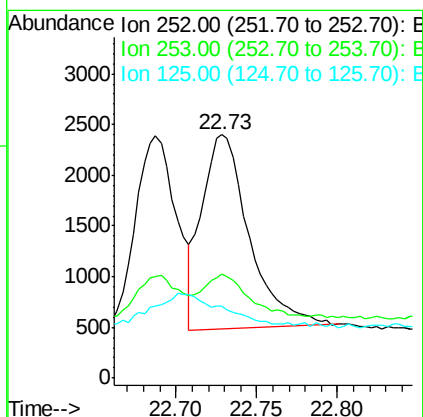
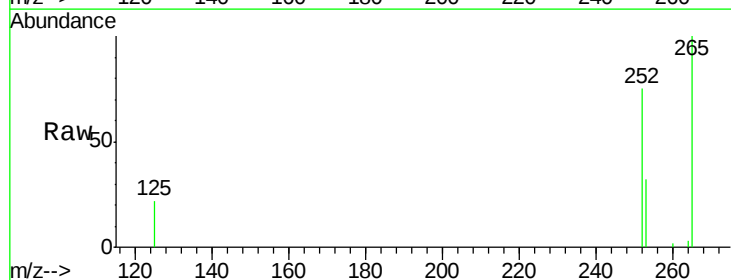
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2020

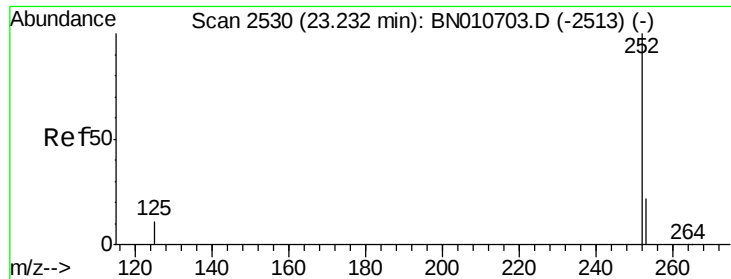
Tgt Ion:252 Resp: 3514
Ion Ratio Lower Upper
252 100
253 41.7 22.0 33.0#
125 30.0 10.8 16.2#



#36
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 22.73 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BN010727.D
Acq: 15 May 2020 12:26

Tgt Ion:252 Resp: 3901
Ion Ratio Lower Upper
252 100
253 42.5 21.9 32.9#
125 29.4 11.1 16.7#





#37

Benzo(a)pyrene

Concen: 0.06 ng

RT: 23.24 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020

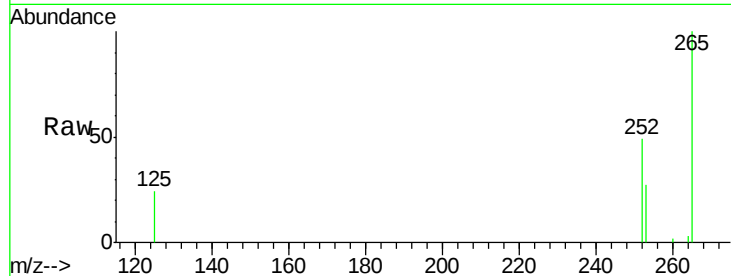
Tgt Ion:252 Resp: 2901

Ion Ratio Lower Upper

252 100

253 54.8 24.8 37.2#

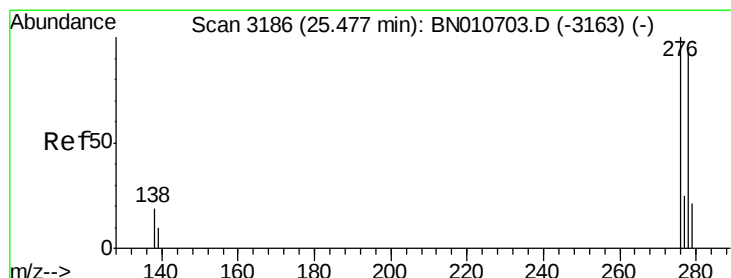
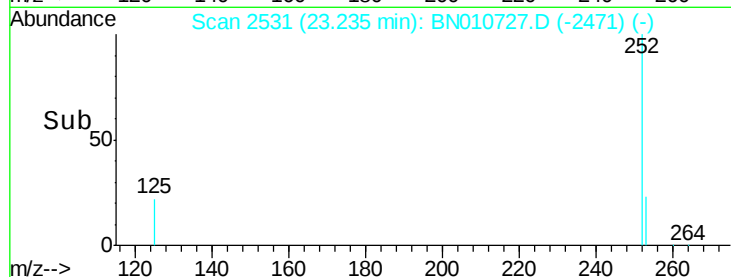
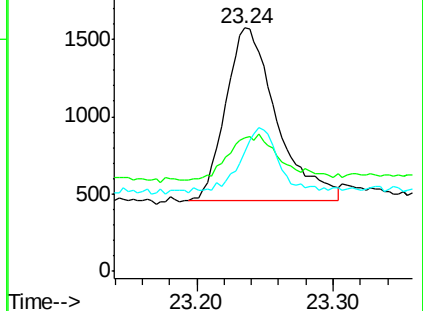
125 49.0 15.8 23.6#



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: 0.06 ng

RT: 25.49 min Scan# 3191

Delta R.T. 0.02 min

Lab File: BN010727.D

Acq: 15 May 2020 12:26

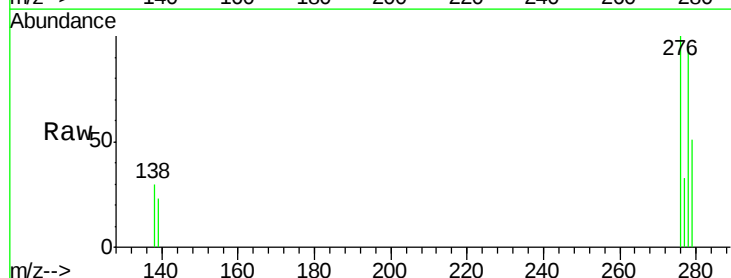
Tgt Ion:278 Resp: 2726

Ion Ratio Lower Upper

278 100

139 24.2 13.0 19.4#

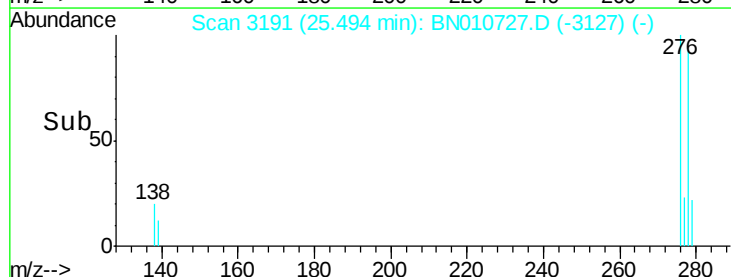
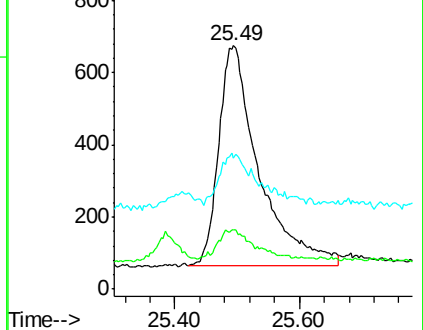
279 53.9 25.1 37.7#

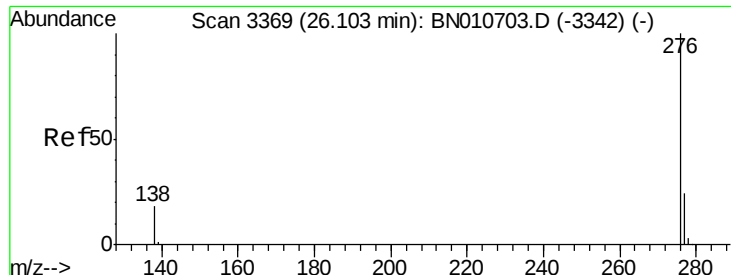


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.06 ng

RT: 26.11 min Scan# 3372

Delta R.T. 0.02 min

Lab File: BN010727.D

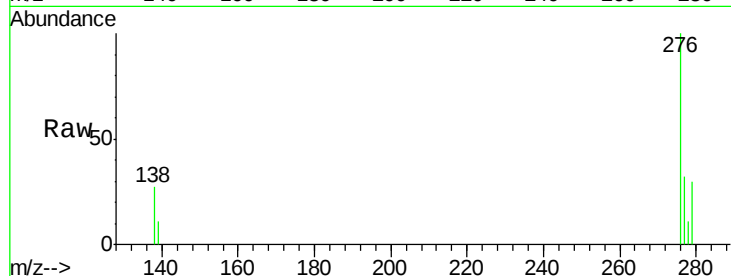
Acq: 15 May 2020 12:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2020



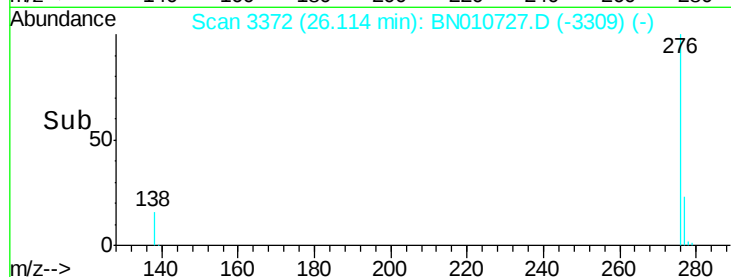
Tgt Ion: 276 Resp: 3260

Ion Ratio Lower Upper

276 100

277 31.7 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

