

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
 Data File : BN011094.D
 Acq On : 02 Jul 2020 20:05
 Operator : CG/JU
 Sample : L1955-10
 Misc : MDL-WTR--01
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03

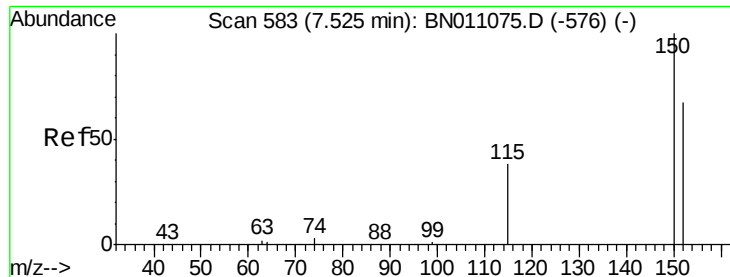
Quant Time: Jul 02 20:43:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 14:12:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1454	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	4657	0.40	ng	0.01
13) Acenaphthene-d10	14.14	164	2483	0.40	ng	0.01
19) Phenanthrene-d10	16.90	188	4984	0.40	ng	0.00
29) Chrysene-d12	21.11	240	4191	0.40	ng	0.00
36) Perylene-d12	23.25	264	4393	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	852	0.24	ng	0.00
5) Phenol-d6	6.73	99	798	0.19	ng	0.00
8) Nitrobenzene-d5	8.67	82	1206	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	11.87	152	2672	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	202	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.77	172	3552	0.30	ng	0.01
27) Fluoranthene-d10	18.94	212	5247	0.35	ng	0.00
31) Terphenyl-d14	19.56	244	4425	0.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	158	0.077	ng	# 95
3) n-Nitrosodimethylamine	3.56	42	9	0.009	ng	# 1
6) bis(2-Chloroethyl)ether	6.98	93	309	0.082	ng	91
9) Naphthalene	10.32	128	1241	0.089	ng	# 82
10) Hexachlorobutadiene	10.61	225	305	0.087	ng	# 100
12) 2-Methylnaphthalene	11.95	142	765	0.082	ng	# 94
16) Acenaphthylene	13.87	152	1088	0.087	ng	97
17) Acenaphthene	14.21	154	646	0.077	ng	93
18) Fluorene	15.21	166	827	0.078	ng	96
20) 4,6-Dinitro-2-methylphenol	15.27	198	1	0.002	ng	# 26
21) 4-Bromophenyl-phenylether	16.12	248	199	0.060	ng	93
22) Hexachlorobenzene	16.22	284	335	0.086	ng	97
23) Atrazine	16.40	200	206	0.088	ng	# 70
24) Pentachlorophenol	16.57	266	191	0.182	ng	89
25) Phenanthrene	16.95	178	1257	0.078	ng	99
26) Anthracene	17.04	178	991	0.074	ng	96
28) Fluoranthene	18.97	202	1455	0.080	ng	99
30) Pyrene	19.33	202	1457	0.093	ng	98
32) Benzo(a)anthracene	21.10	228	1144	0.082	ng	# 89
33) Chrysene	21.14	228	1495	0.093	ng	93
34) Bis(2-ethylhexyl)phthalate	21.05	149	768	0.136	ng	98
35) Indeno(1,2,3-cd)pyrene	25.36	276	1311	0.078	ng	# 86
37) Benzo(b)fluoranthene	22.62	252	1265	0.072	ng	# 46
38) Benzo(k)fluoranthene	22.66	252	1384	0.073	ng	# 44
39) Benzo(a)pyrene	23.17	252	1134	0.075	ng	# 24
40) Dibenzo(a,h)anthracene	25.38	278	958	0.062	ng	# 28
41) Benzo(g,h,i)perylene	25.99	276	1344	0.078	ng	# 76

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

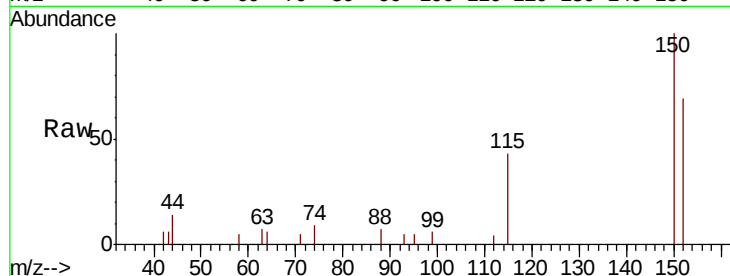


#1

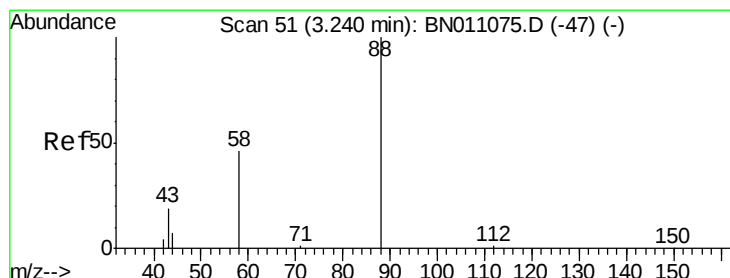
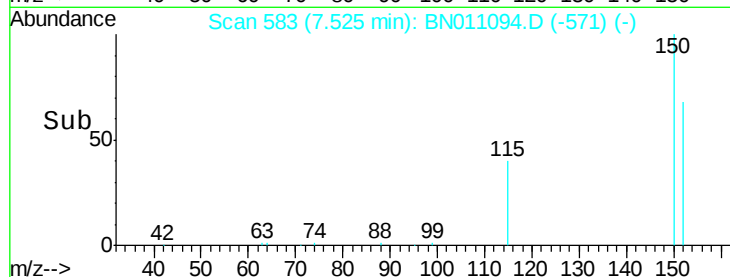
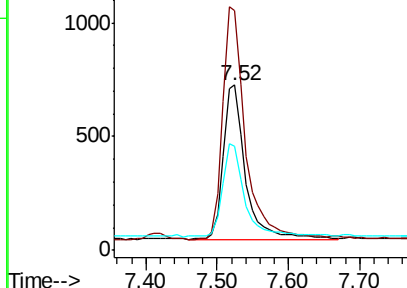
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BN011094.D
Acq: 02 Jul 2020 20:05

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03

Tot Ion:152 Resp: 1454
Ion Ratio Lower Upper
152 100
150 145.0 117.4 176.0
115 62.9 47.9 71.9



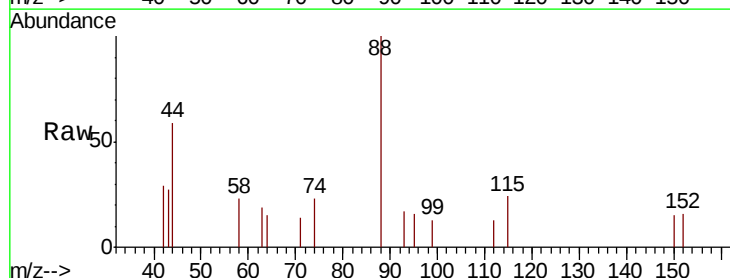
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



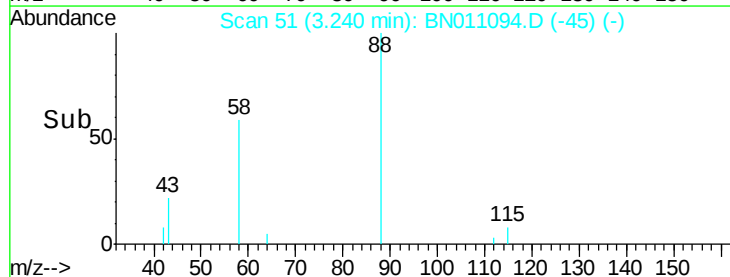
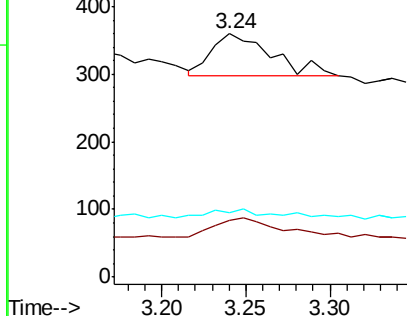
#2

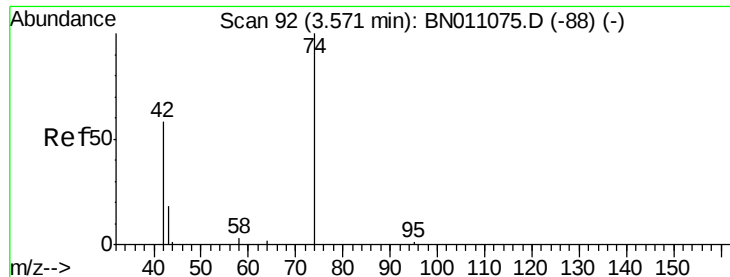
1,4-Dioxane
Concen: 0.077 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN011094.D
Acq: 02 Jul 2020 20:05

Tgt Ion: 88 Resp: 158
Ion Ratio Lower Upper
88 100
58 46.2 38.6 57.8
43 23.4 15.4 23.0#



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



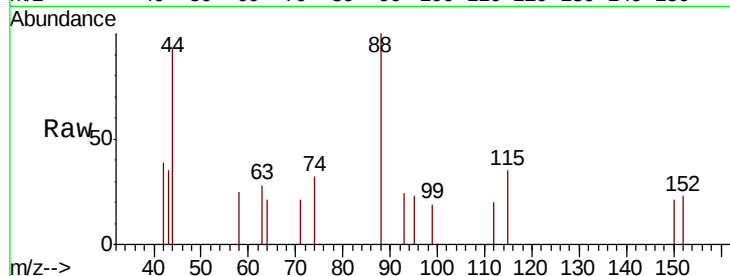


#3

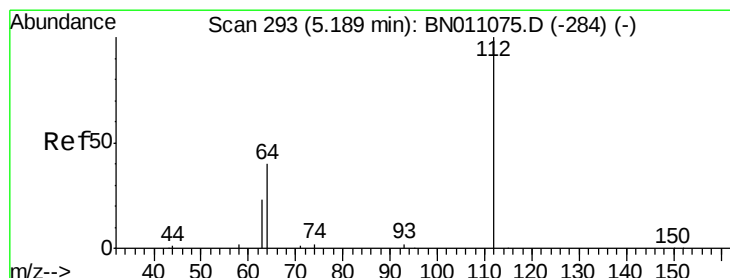
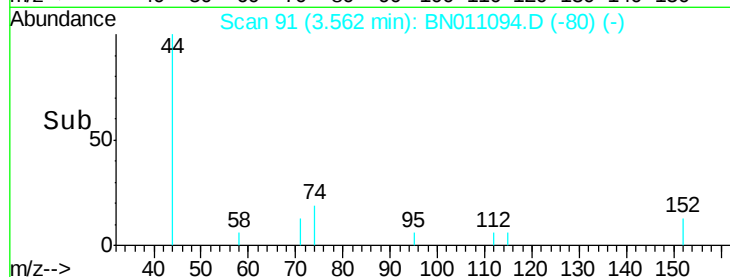
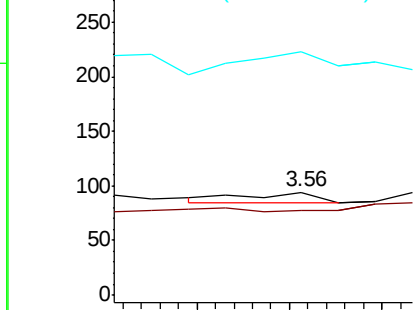
n-Nitrosodimethylamine
 Concen: 0.009 ng
 RT: 3.56 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BN011094.D
 Acq: 02 Jul 2020 20:05

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03

Tot Ion: 42 Resp: 9
 Ion Ratio Lower Upper
 42 100
 74 0.0 142.5 213.7#
 44 388.9 0.0 0.0#



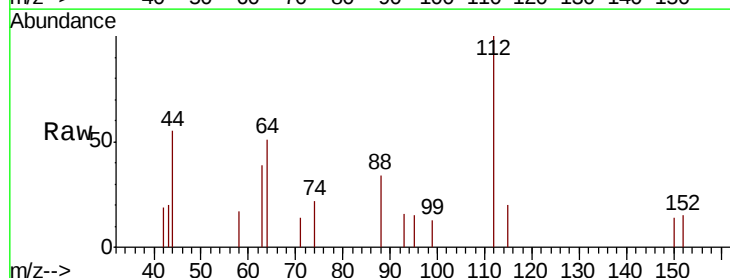
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



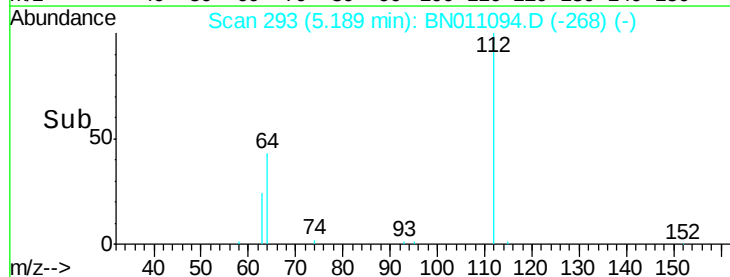
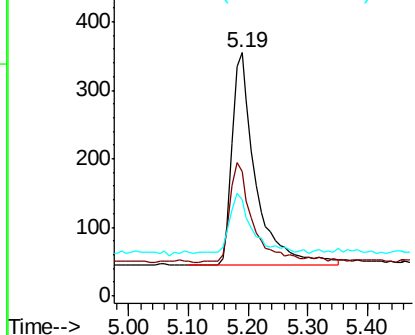
#4

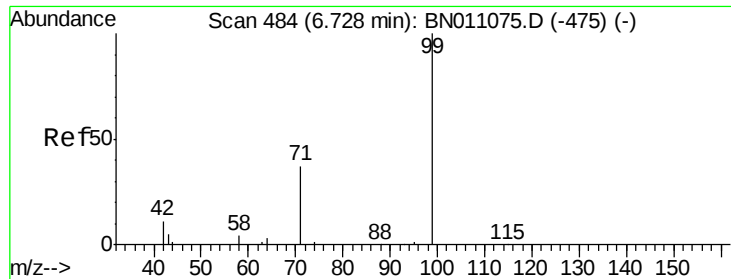
2-Fluorophenol
 Concen: 0.235 ng
 RT: 5.19 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: BN011094.D
 Acq: 02 Jul 2020 20:05

Tgt Ion: 112 Resp: 852
 Ion Ratio Lower Upper
 112 100
 64 45.0 36.5 54.7
 63 26.6 20.6 30.8



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: 0.192 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampled :

MDL-WATER-03

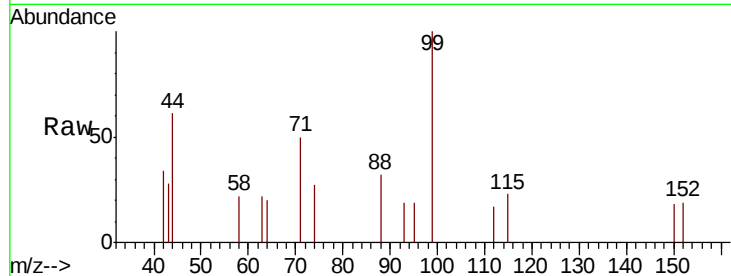
Tot Ion: 99 Resp: 798

Ion Ratio Lower Upper

99 100

42 10.5 9.8 14.8

71 37.7 30.7 46.1

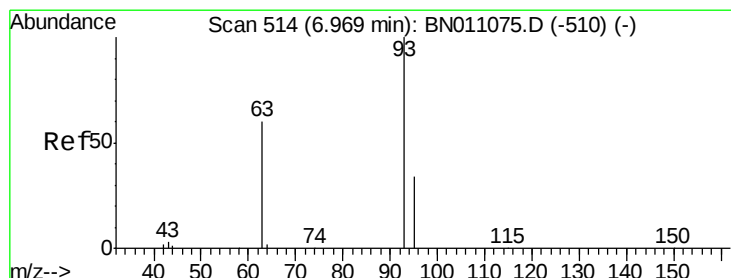
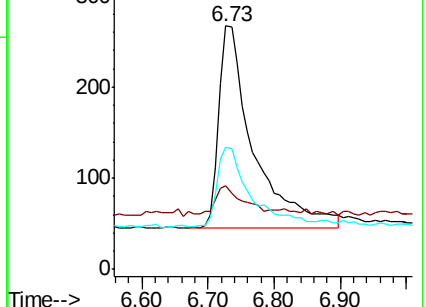
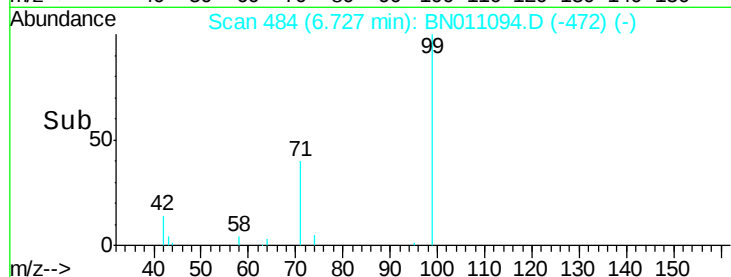


Abundance Ion 99.00 (98.70 to 99.70): BN011075.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011075.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011075.D (-475) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.082 ng

RT: 6.98 min Scan# 515

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

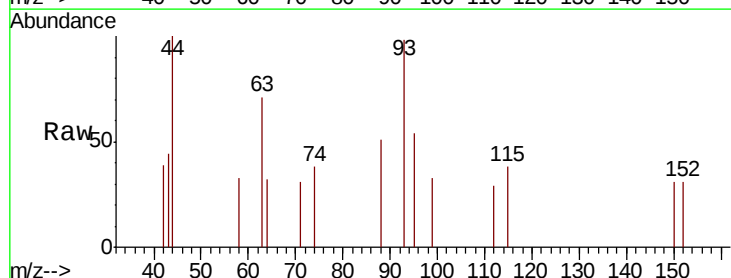
Tgt Ion: 93 Resp: 309

Ion Ratio Lower Upper

93 100

63 51.1 47.4 71.2

95 30.1 26.4 39.6

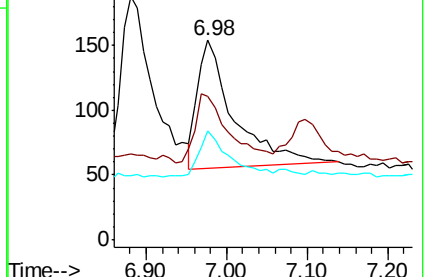
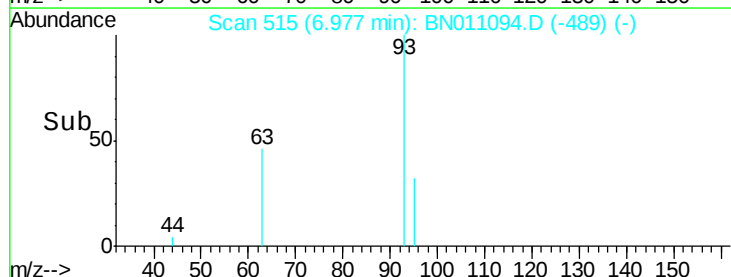


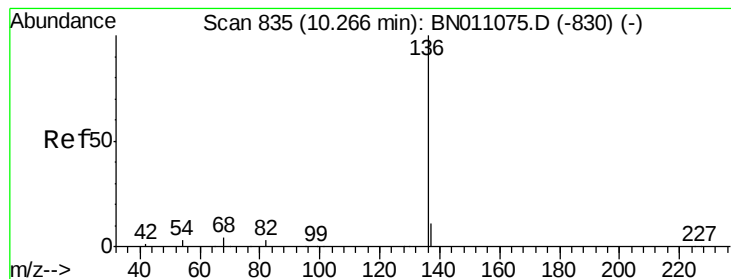
Abundance Ion 93.00 (92.70 to 93.70): BN011075.D (-510) (-)

Ion 63.00 (62.70 to 63.70): BN011075.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN011075.D (-510) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03

Tot Ion:136 Resp: 4657

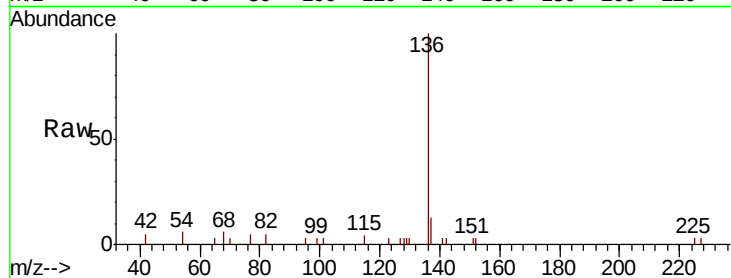
Ion Ratio Lower Upper

136 100

137 12.8 9.6 14.4

54 5.8 3.8 5.6#

68 6.3 4.3 6.5

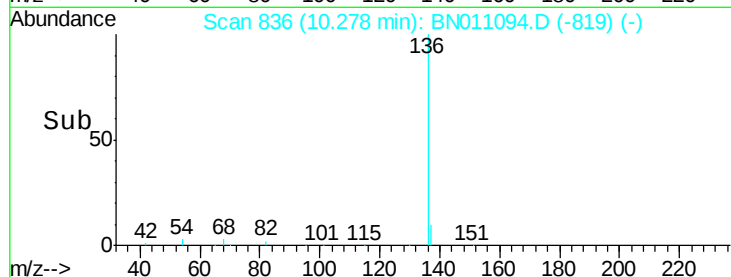


Abundance Ion 136.00 (135.70 to 136.70): E

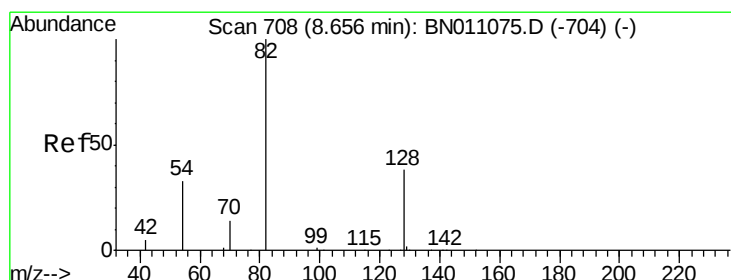
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time--> 10.10 10.20 10.30 10.40



#8

Nitrobenzene-d5

Concen: 0.305 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

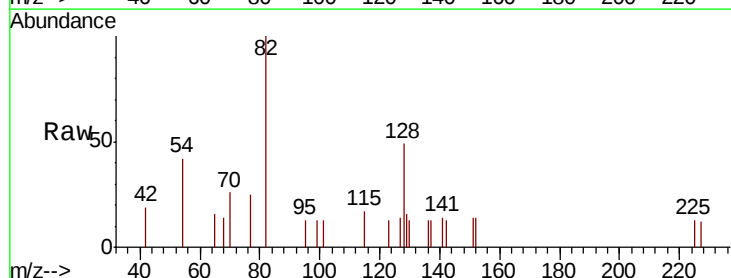
Tgt Ion: 82 Resp: 1206

Ion Ratio Lower Upper

82 100

128 48.8 34.2 51.2

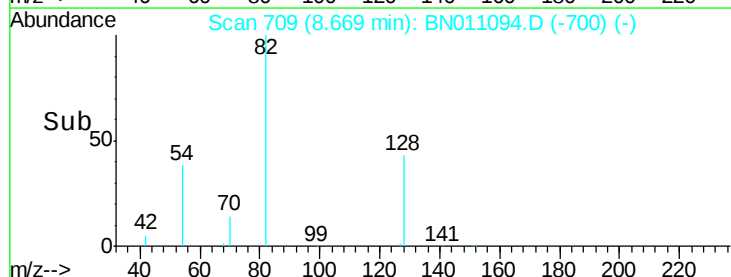
54 42.2 29.4 44.0



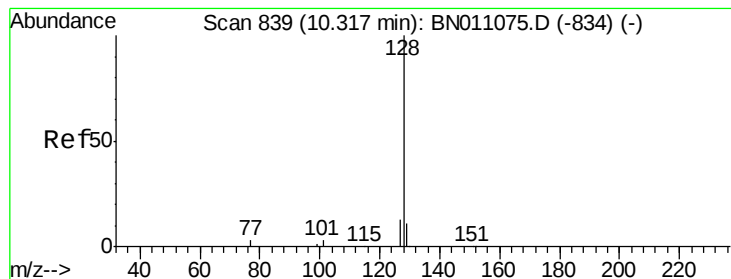
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time--> 8.50 8.60 8.70 8.80



#9

Naphthalene

Concen: 0.089 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03

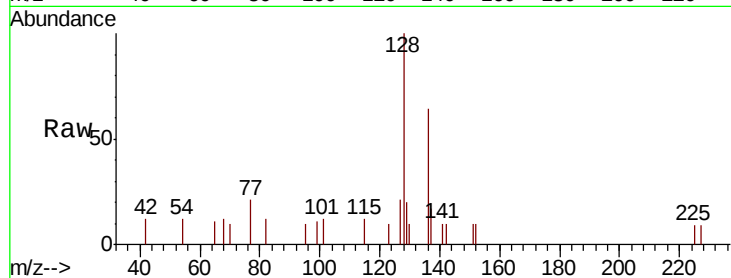
Tot Ion:128 Resp: 1241

Ion Ratio Lower Upper

128 100

129 19.9 9.8 14.8#

127 21.3 11.3 16.9#



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

10.32

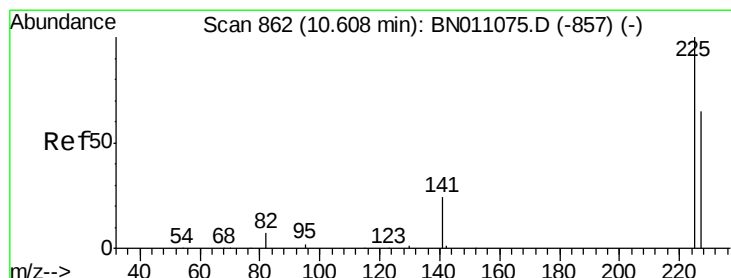
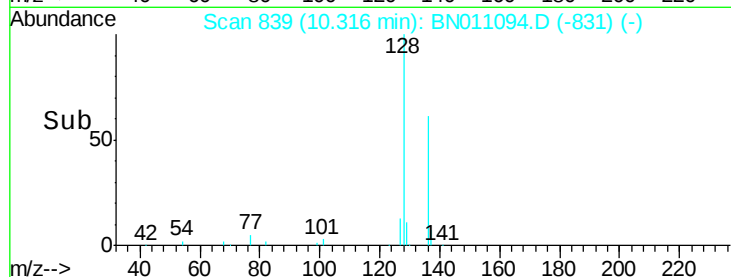
400

200

0

10.20 10.30 10.40 10.50

Time-->



#10

Hexachlorobutadiene

Concen: 0.087 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

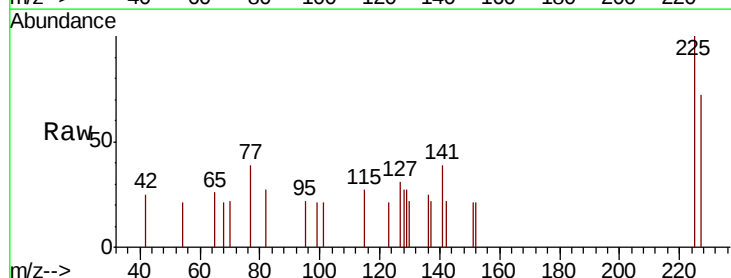
Tgt Ion:225 Resp: 305

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.9 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

10.61

300

250

200

150

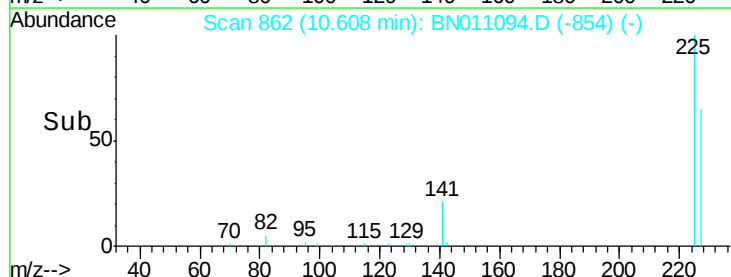
100

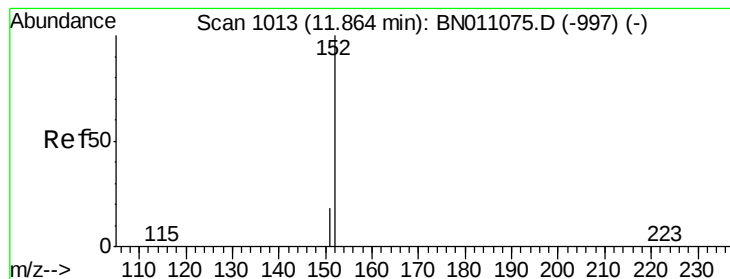
50

0

10.55 10.60 10.65

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.331 ng

RT: 11.87 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

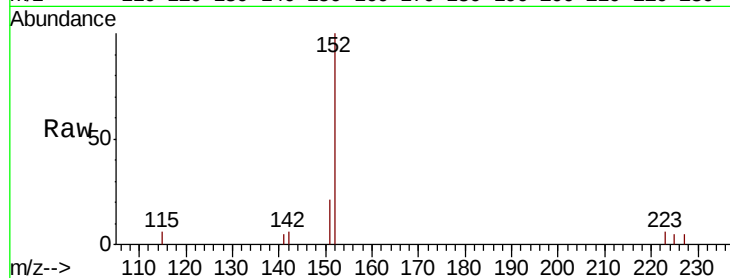
MDL-WATER-03

Tot Ion:152 Resp: 2672

Ion Ratio Lower Upper

152 100

151 19.5 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.87

1000

800

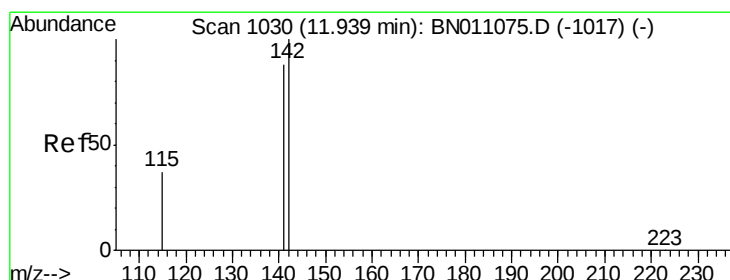
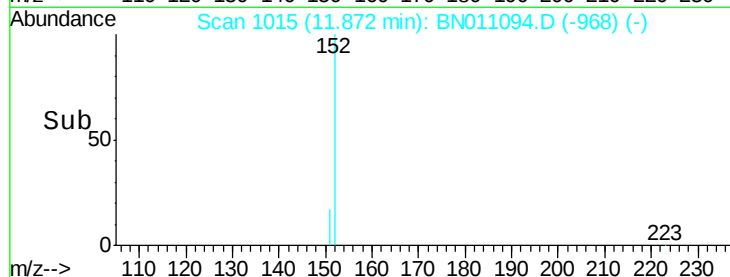
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.082 ng

RT: 11.95 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

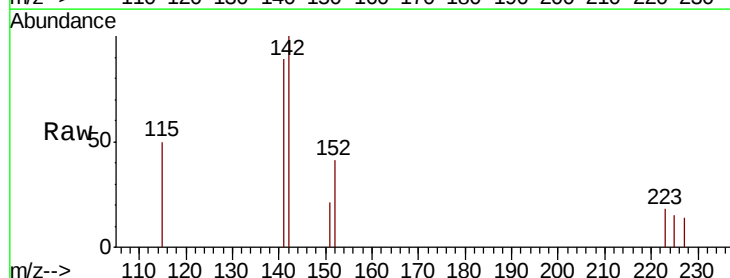
Tgt Ion:142 Resp: 765

Ion Ratio Lower Upper

142 100

141 88.6 70.3 105.5

115 49.7 31.2 46.8#



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

500

400

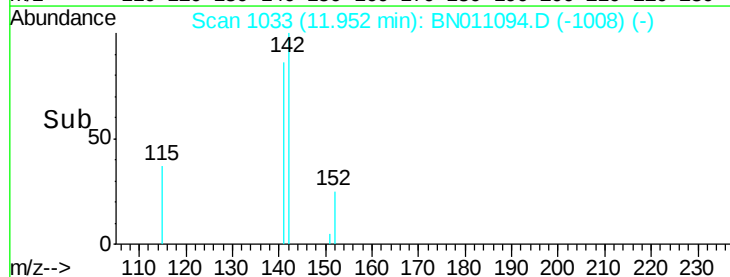
300

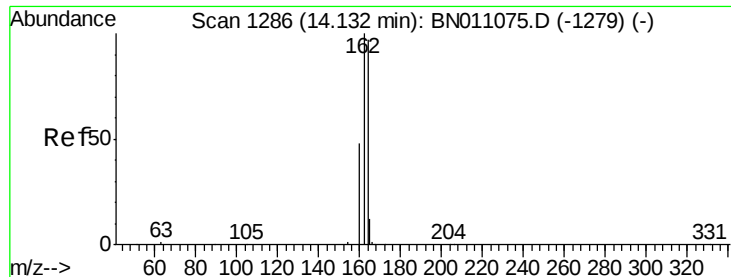
200

100

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03

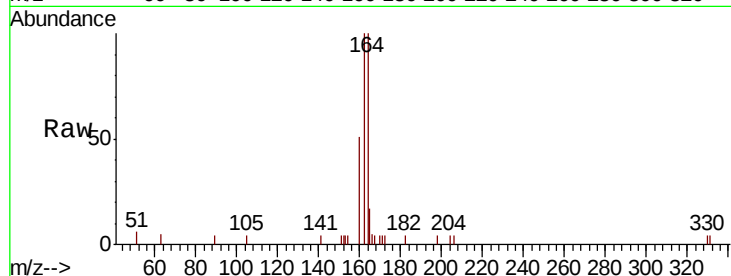
Tot Ion:164 Resp: 2483

Ion Ratio Lower Upper

164 100

162 100.3 82.3 123.5

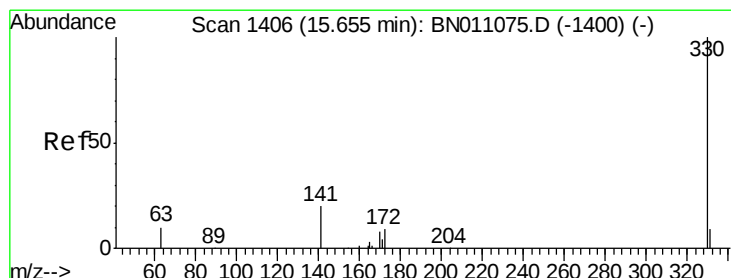
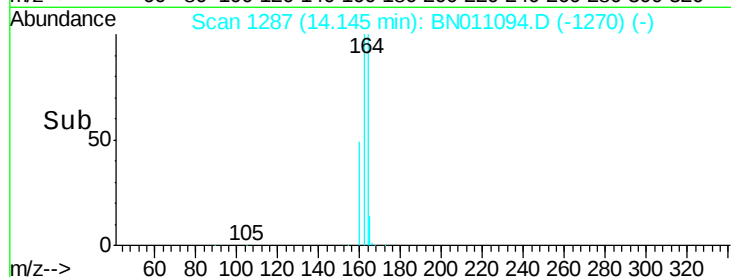
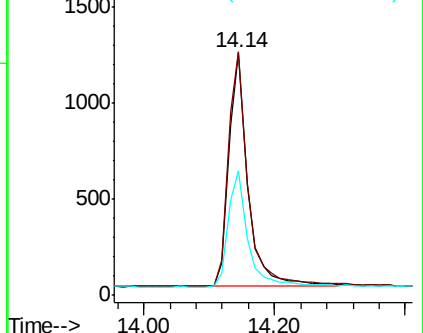
160 51.3 40.6 61.0



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: 0.194 ng

RT: 15.67 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

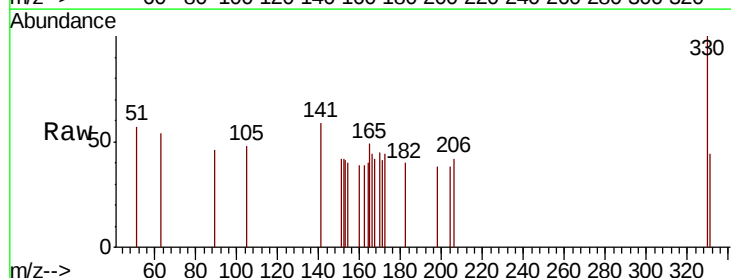
Tgt Ion:330 Resp: 202

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

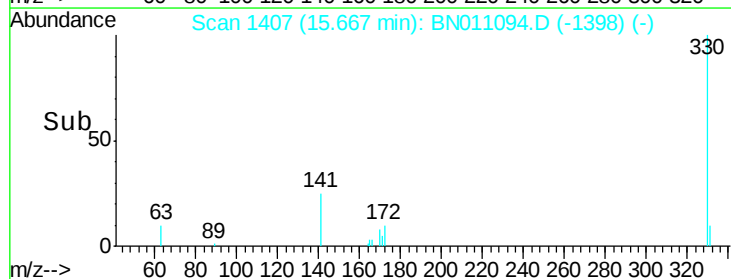
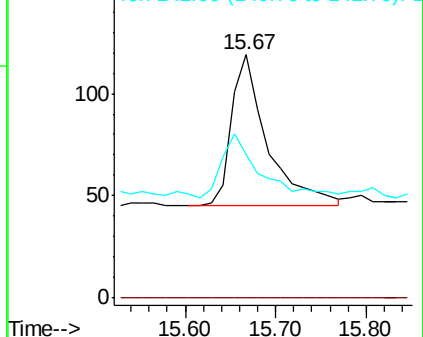
141 45.0 32.6 49.0

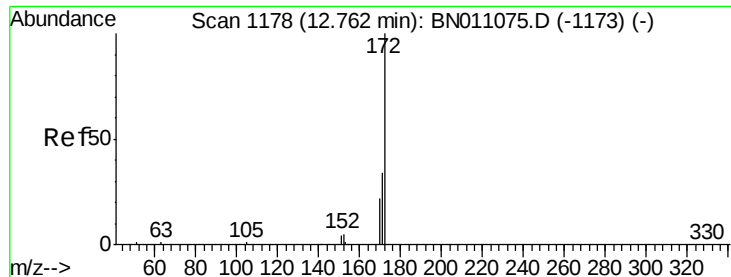


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

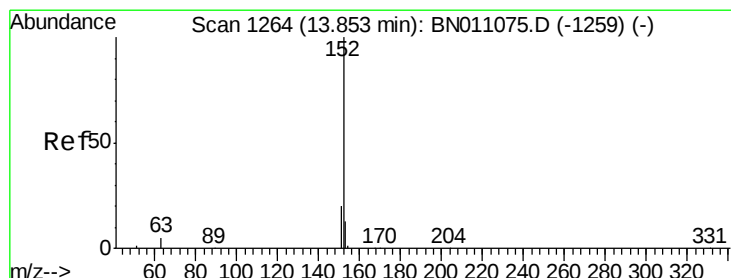
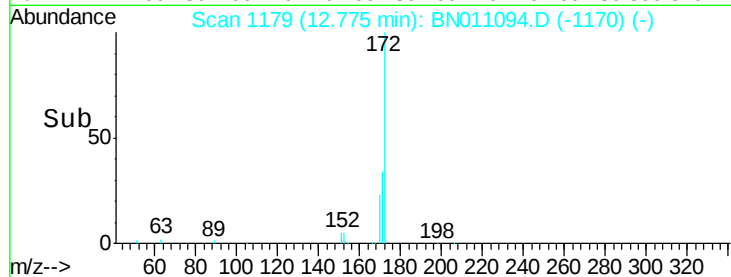
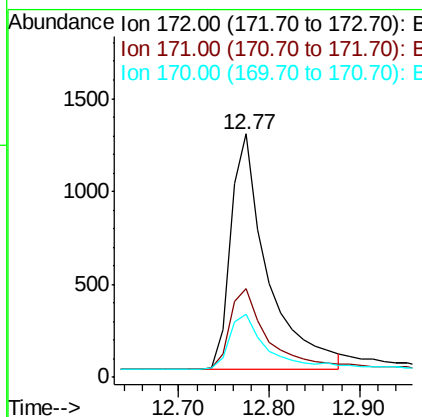
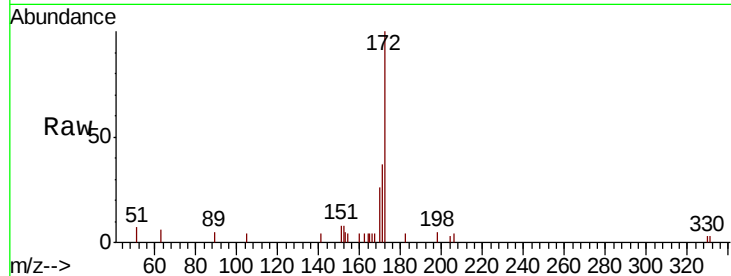




#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BN011094.D
Acq: 02 Jul 2020 20:05

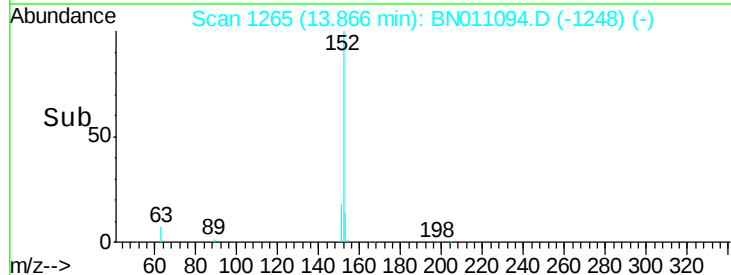
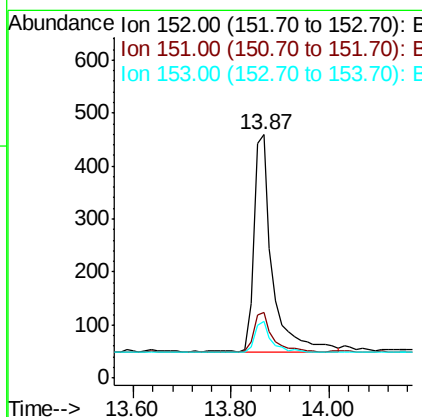
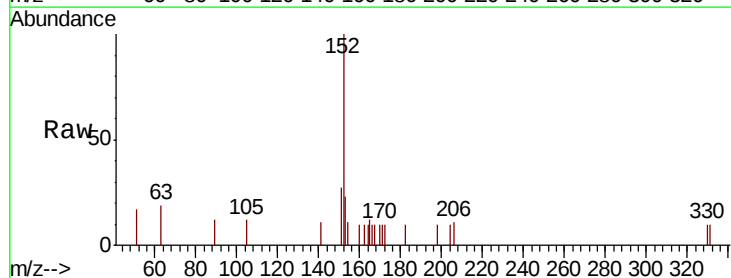
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03

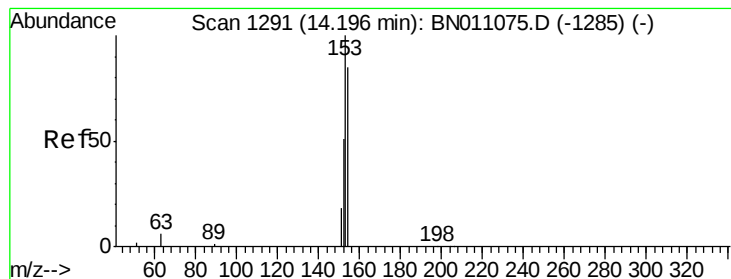
Tot Ion:172 Resp: 3552
Ion Ratio Lower Upper
172 100
171 36.6 27.9 41.9
170 25.9 18.7 28.1



#16
Acenaphthylene
Concen: 0.087 ng
RT: 13.87 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BN011094.D
Acq: 02 Jul 2020 20:05

Tgt Ion:152 Resp: 1088
Ion Ratio Lower Upper
152 100
151 18.0 15.8 23.8
153 13.1 10.8 16.2





#17

Acenaphthene

Concen: 0.077 ng

RT: 14.21 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03

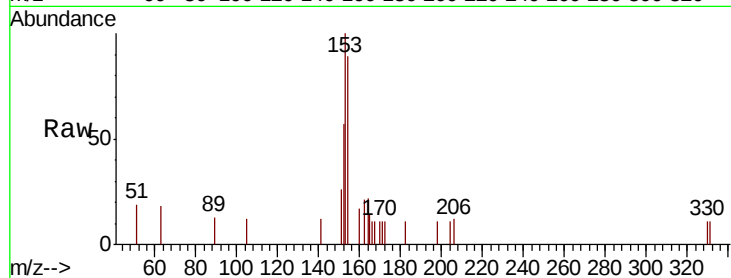
Tot Ion:154 Resp: 646

Ion Ratio Lower Upper

154 100

153 124.0 91.7 137.5

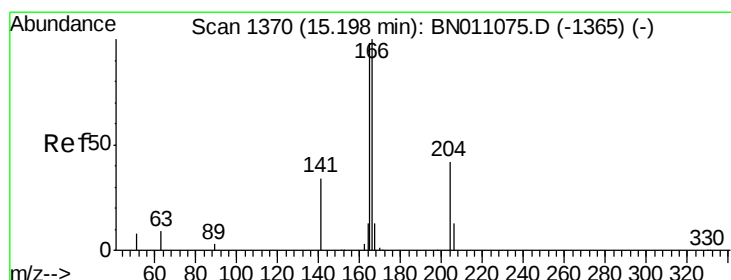
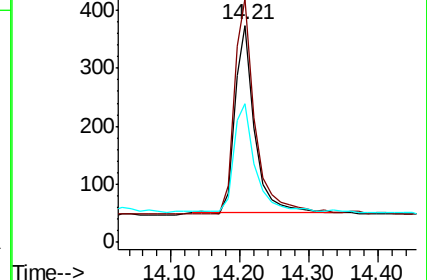
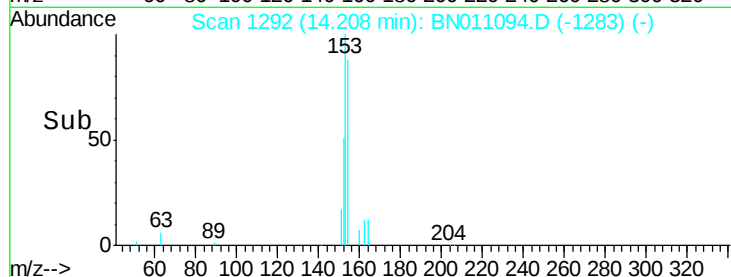
152 61.6 46.8 70.2



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: 0.078 ng

RT: 15.21 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

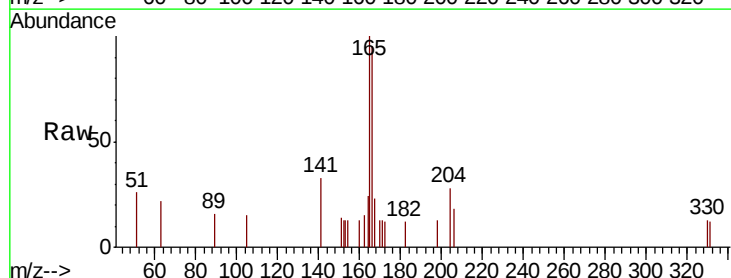
Tgt Ion:166 Resp: 827

Ion Ratio Lower Upper

166 100

165 103.1 78.9 118.3

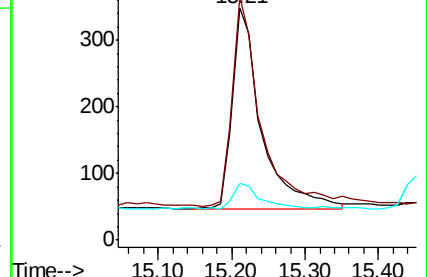
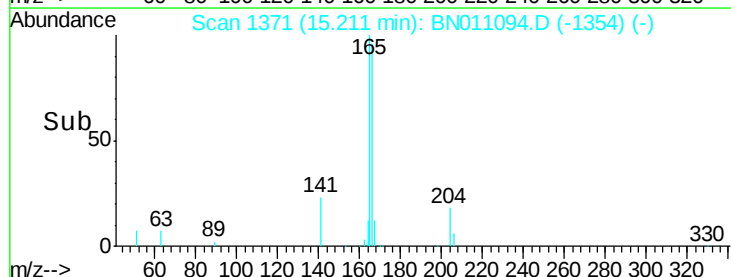
167 12.9 10.9 16.3

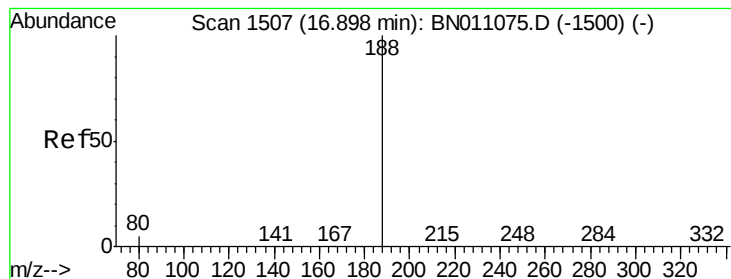


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.90 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03

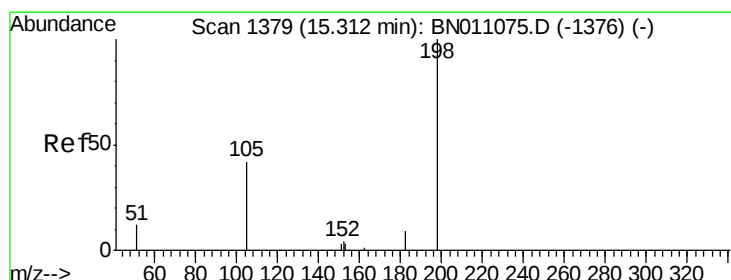
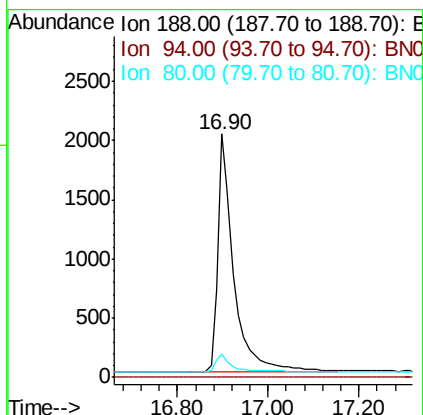
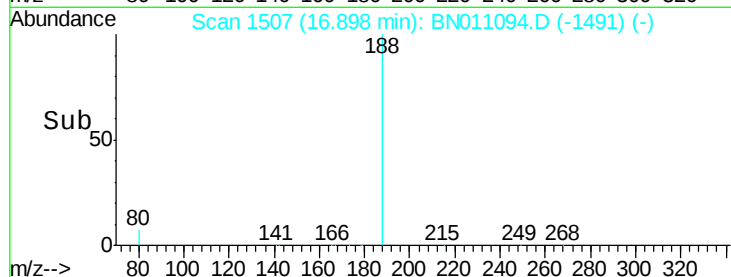
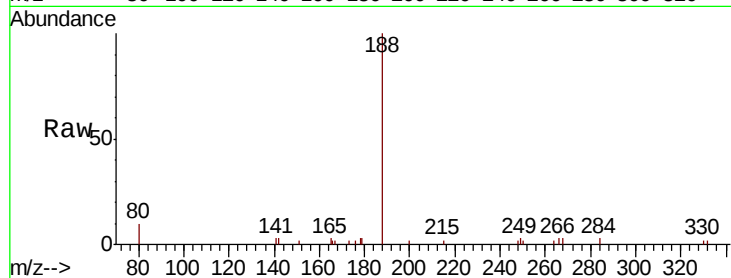
Tot Ion:188 Resp: 4984

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 5.3 7.9#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.002 ng

RT: 15.27 min Scan# 1376

Delta R.T. -0.04 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

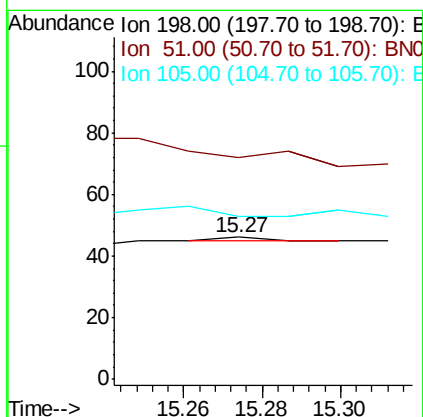
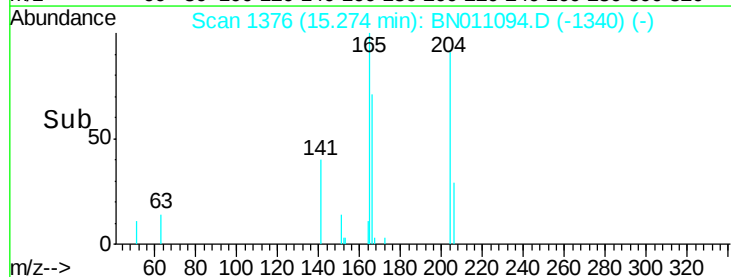
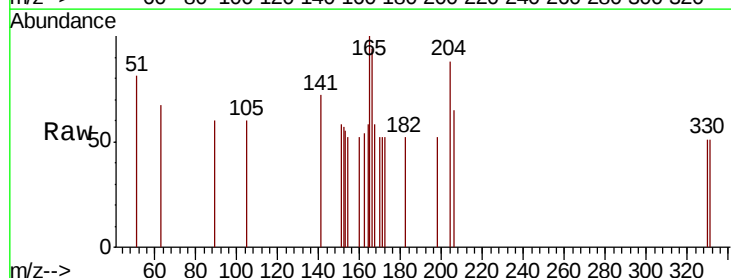
Tgt Ion:198 Resp: 1

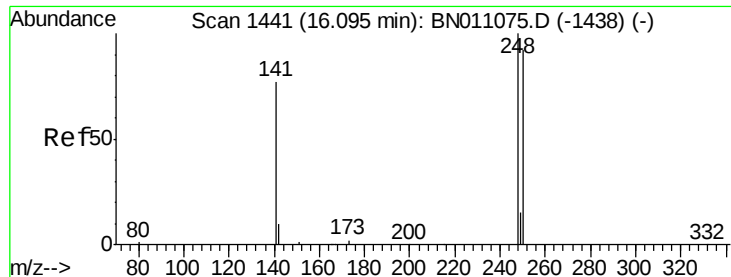
Ion Ratio Lower Upper

198 100

51 156.5 58.2 87.4#

105 115.2 59.0 88.4#

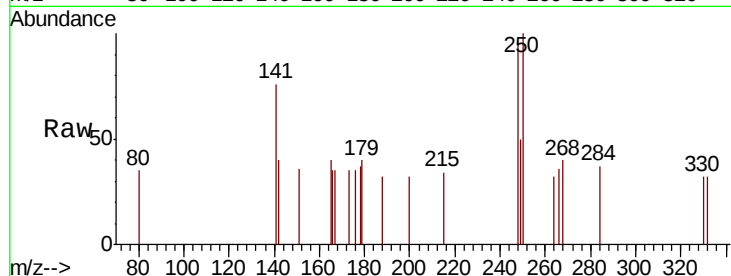




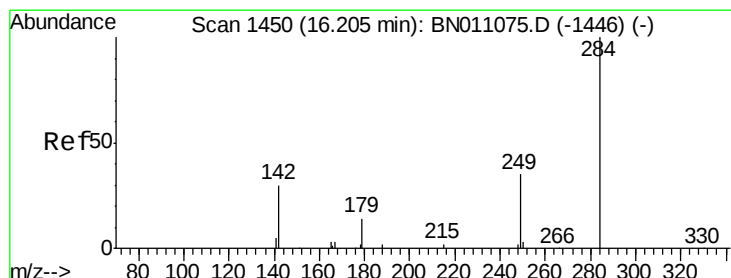
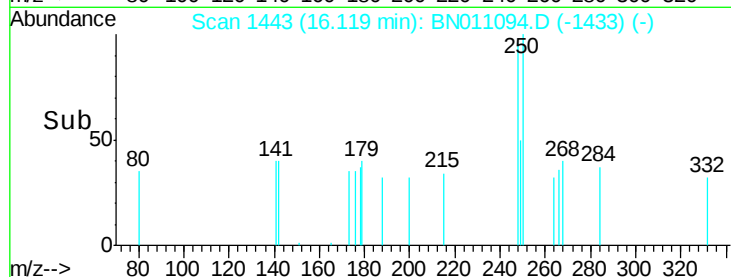
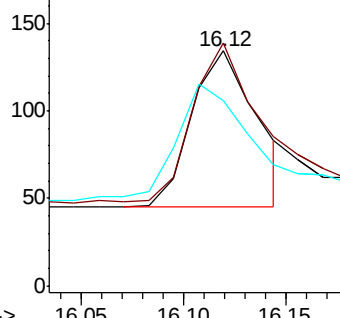
#21
4-Bromophenyl-phenylether
Concen: 0.060 ng
RT: 16.12 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BN011094.D
Acq: 02 Jul 2020 20:05

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03

Tot Ion:248 Resp: 199
Ion Ratio Lower Upper
248 100
250 103.7 73.8 110.8
141 79.1 63.1 94.7

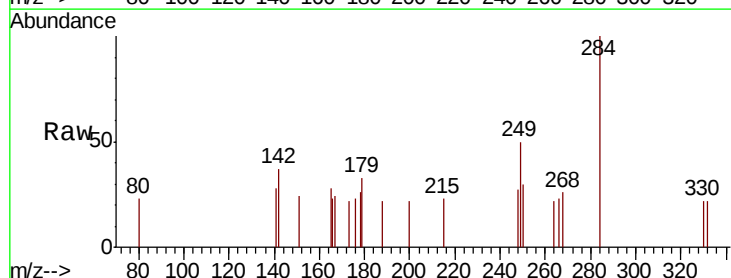


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

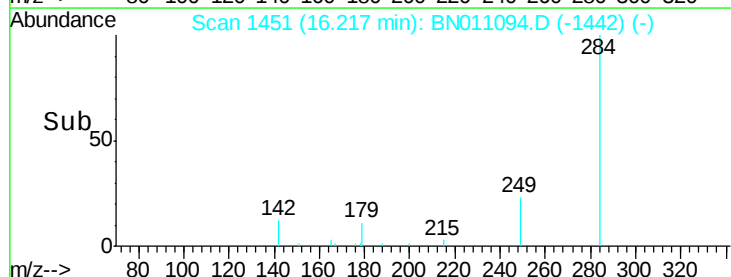
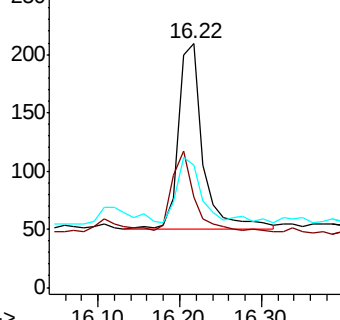


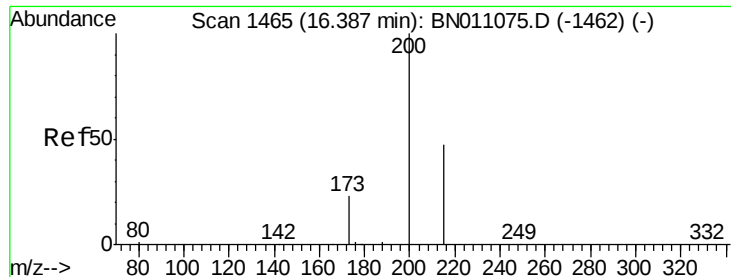
#22
Hexachlorobenzene
Concen: 0.086 ng
RT: 16.22 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BN011094.D
Acq: 02 Jul 2020 20:05

Tgt Ion:284 Resp: 335
Ion Ratio Lower Upper
284 100
142 39.1 33.3 49.9
249 35.5 27.4 41.2



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





#23

Atrazine

Concen: 0.088 ng

RT: 16.40 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03

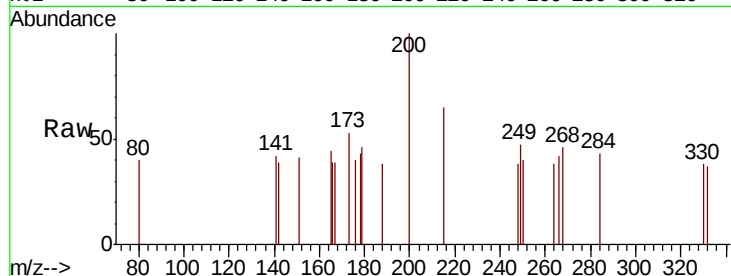
Tot Ion:200 Resp: 206

Ion Ratio Lower Upper

200 100

173 53.3 22.8 34.2#

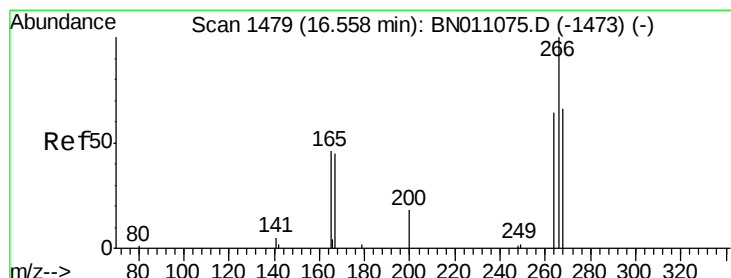
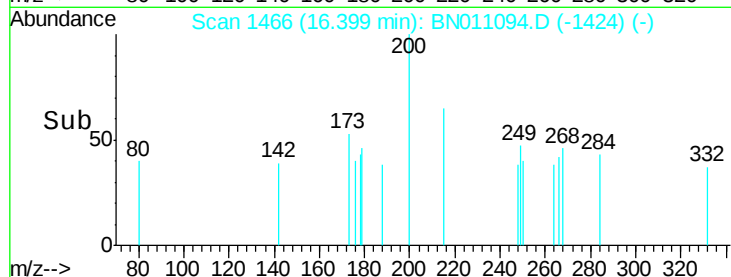
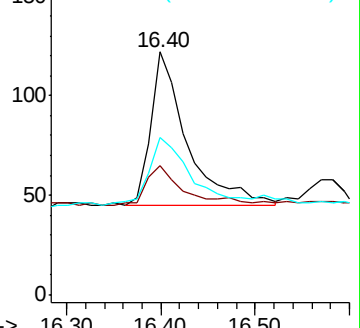
215 64.8 40.7 61.1#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.182 ng

RT: 16.57 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

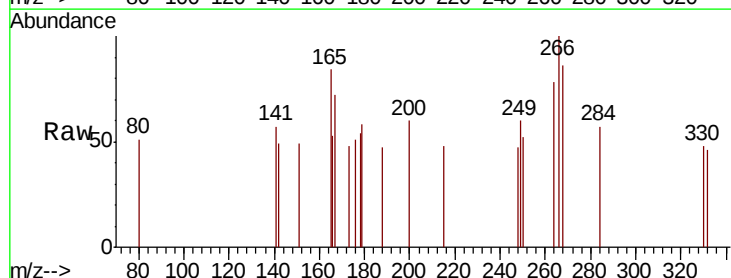
Tgt Ion:266 Resp: 191

Ion Ratio Lower Upper

266 100

264 56.5 47.4 71.0

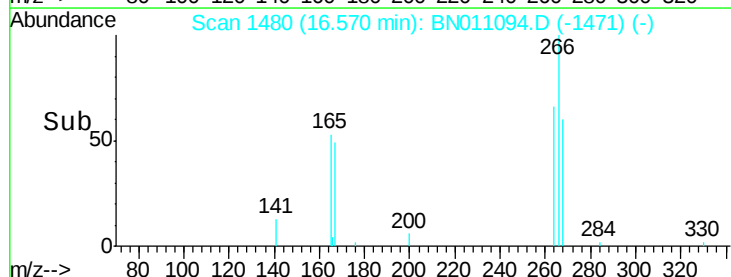
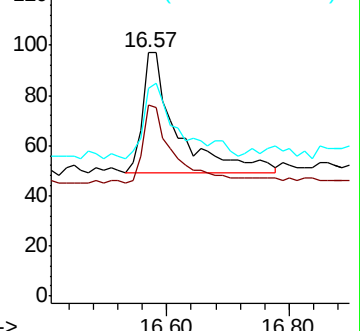
268 55.0 55.0 82.4

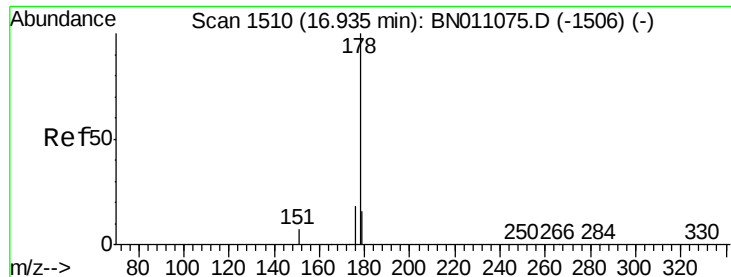


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

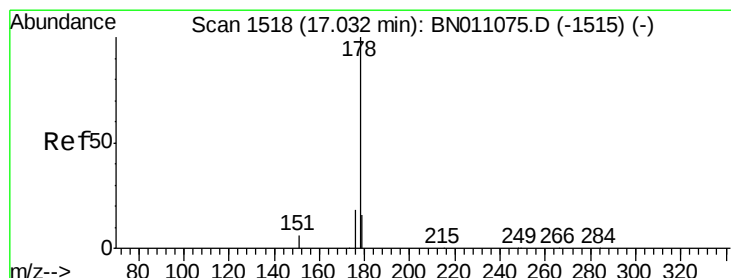
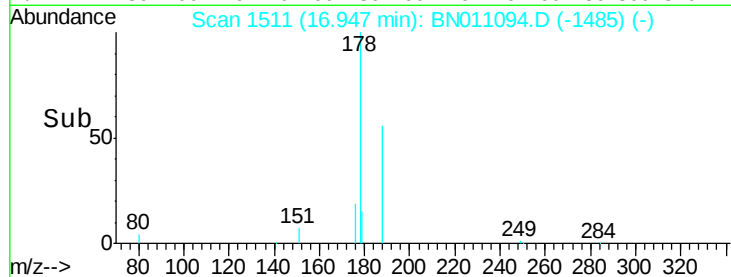
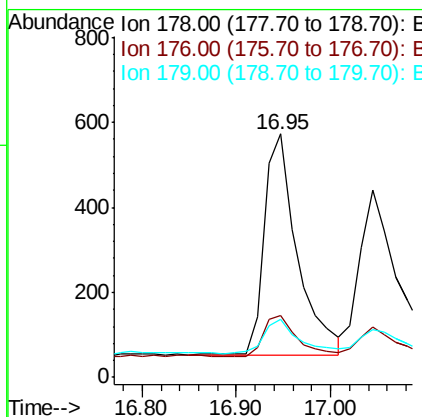
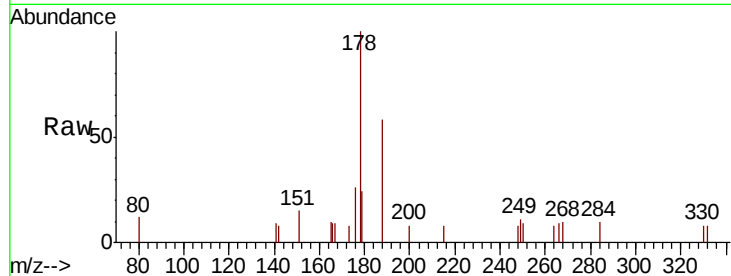




#25
Phenanthrene
Concen: 0.078 ng
RT: 16.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BN011094.D
Acq: 02 Jul 2020 20:05

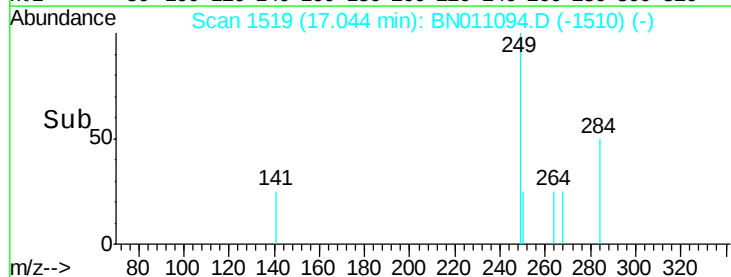
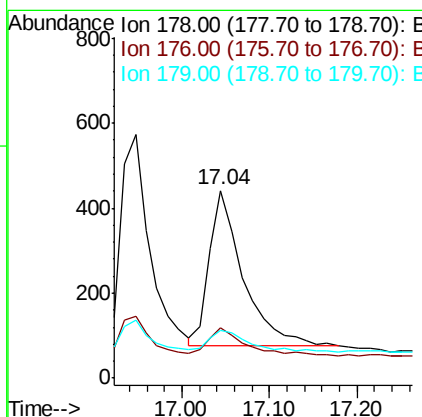
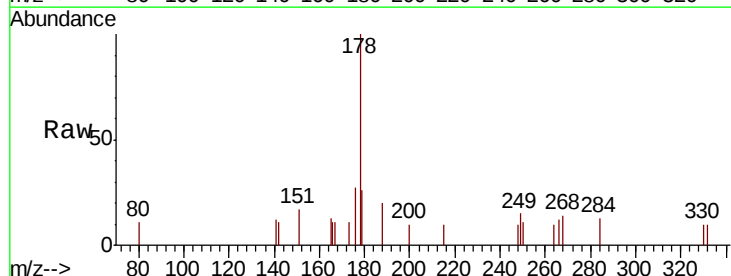
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03

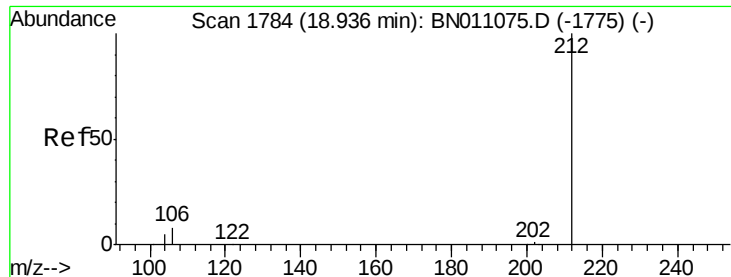
Tot Ion:178 Resp: 1257
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 16.1 12.5 18.7



#26
Anthracene
Concen: 0.074 ng
RT: 17.04 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BN011094.D
Acq: 02 Jul 2020 20:05

Tgt Ion:178 Resp: 991
Ion Ratio Lower Upper
178 100
176 19.8 14.2 21.4
179 16.3 12.2 18.2





#27

Fluoranthene-d10

Concen: 0.348 ng

RT: 18.94 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03

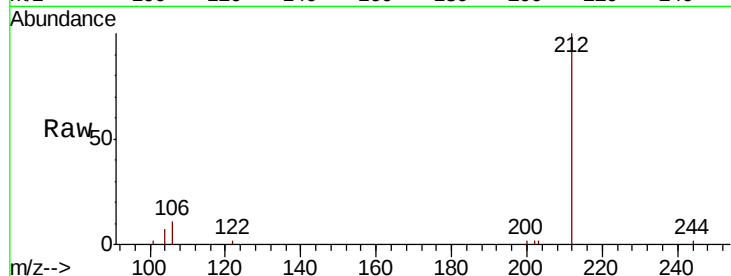
Tot Ion:212 Resp: 5247

Ion Ratio Lower Upper

212 100

106 8.7 7.1 10.7

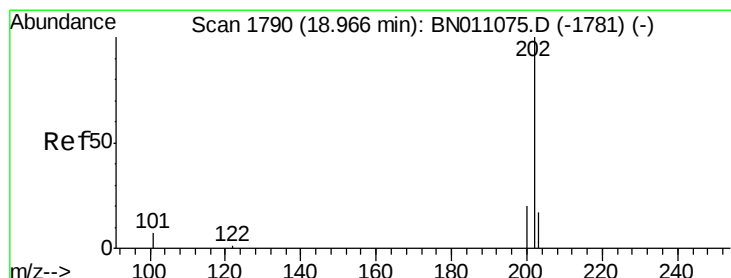
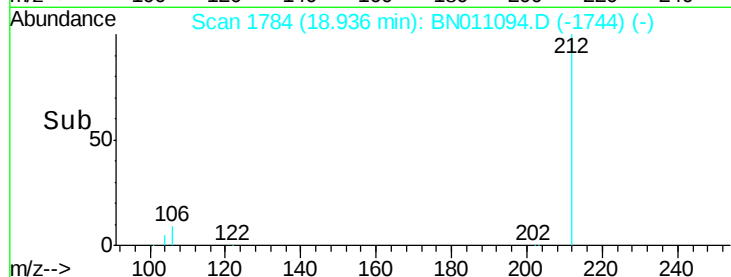
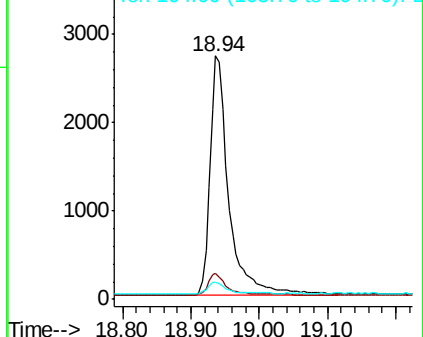
104 4.9 4.2 6.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#28

Fluoranthene

Concen: 0.080 ng

RT: 18.97 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

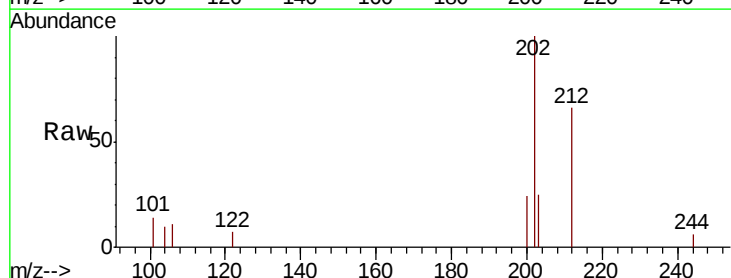
Tgt Ion:202 Resp: 1455

Ion Ratio Lower Upper

202 100

101 7.8 6.3 9.5

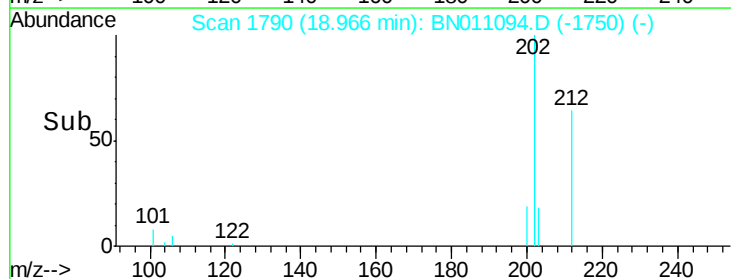
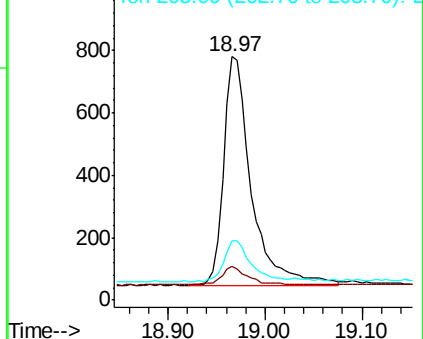
203 17.2 13.5 20.3

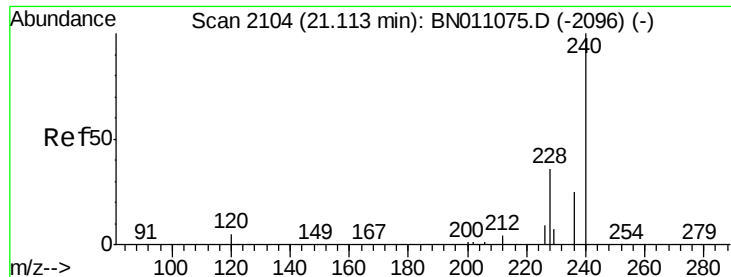


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03

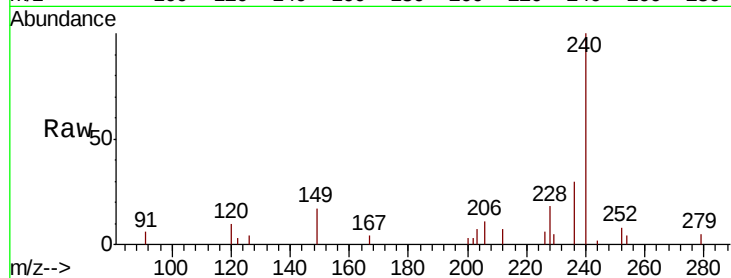
Tot Ion:240 Resp: 4191

Ion Ratio Lower Upper

240 100

120 10.2 6.5 9.7#

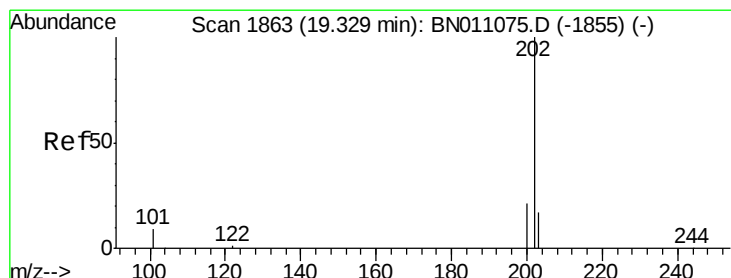
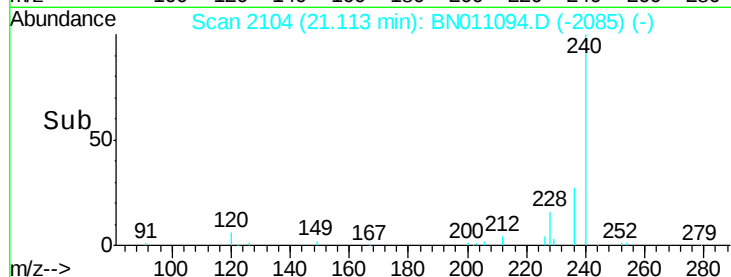
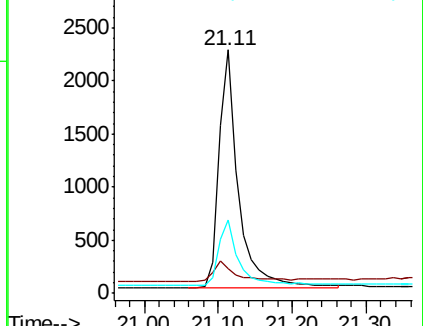
236 29.9 21.9 32.9



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



#30

Pyrene

Concen: 0.093 ng

RT: 19.33 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

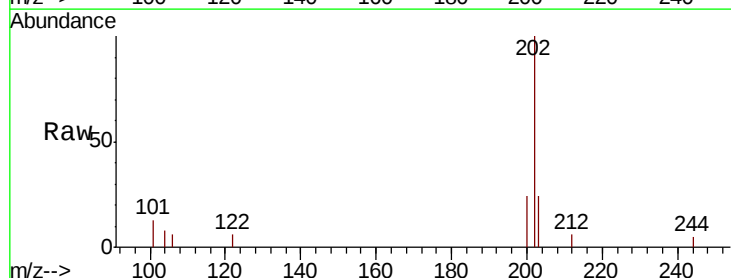
Tgt Ion:202 Resp: 1457

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

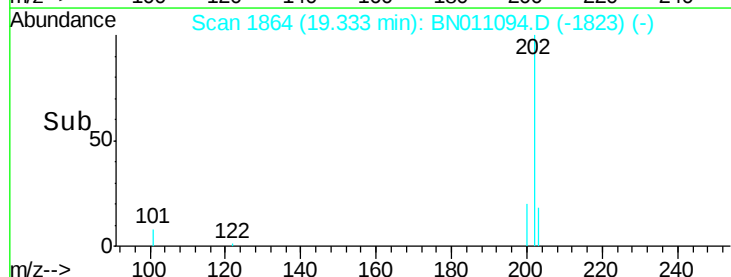
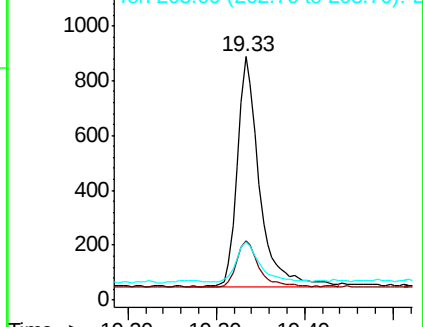
203 19.1 14.2 21.4

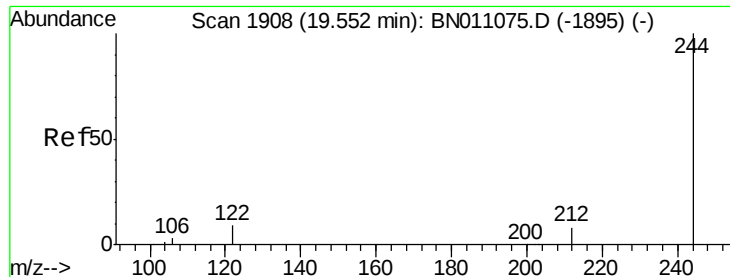


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.406 ng

RT: 19.56 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03

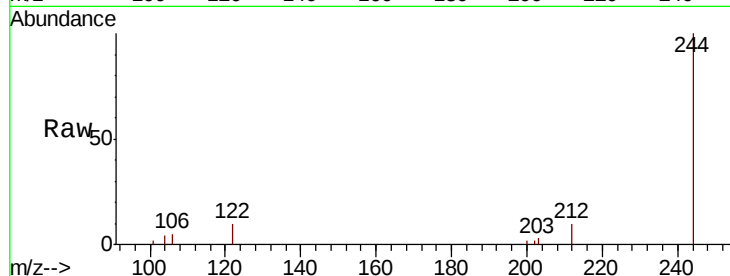
Tot Ion:244 Resp: 4425

Ion Ratio Lower Upper

244 100

212 10.0 7.5 11.3

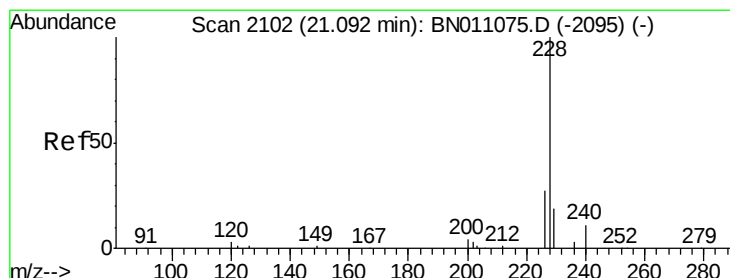
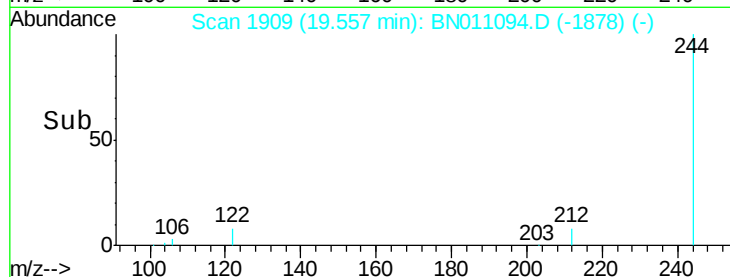
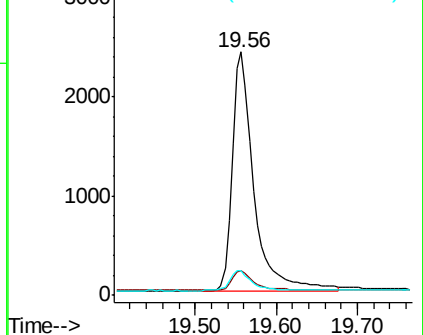
122 10.1 8.2 12.4



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



#32

Benzo(a)anthracene

Concen: 0.082 ng

RT: 21.10 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

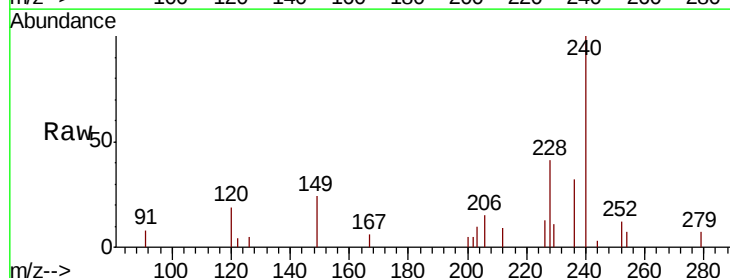
Tgt Ion:228 Resp: 1144

Ion Ratio Lower Upper

228 100

226 32.4 22.0 33.0

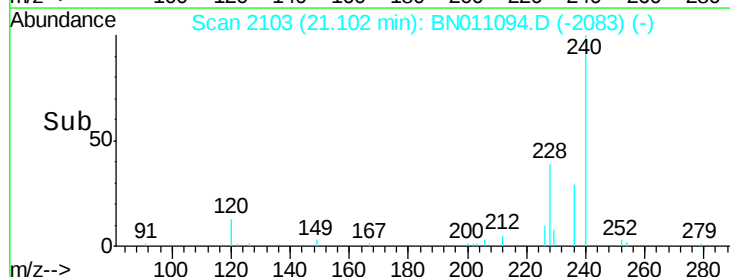
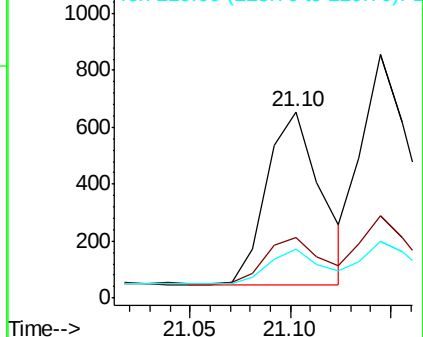
229 26.3 16.1 24.1#

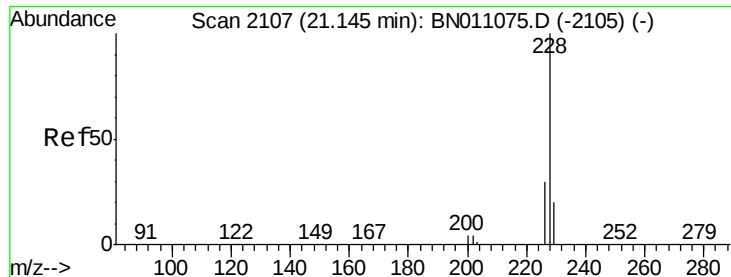


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.093 ng

RT: 21.14 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03

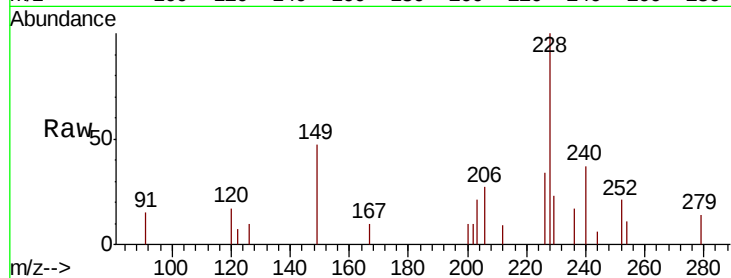
Tot Ion:228 Resp: 1495

Ion Ratio Lower Upper

228 100

226 34.0 24.0 36.0

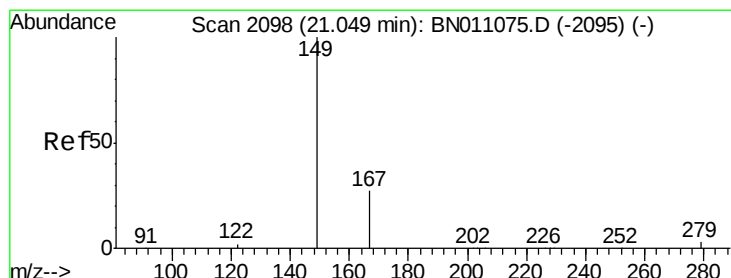
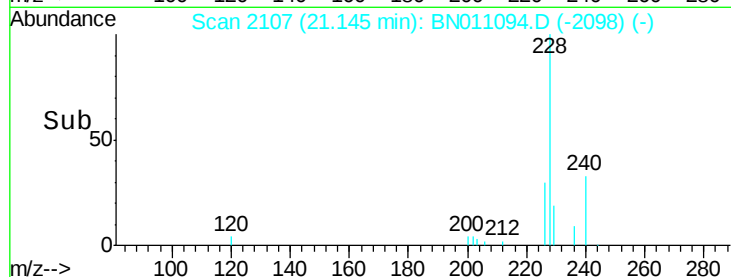
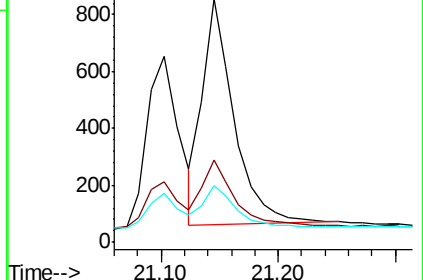
229 23.5 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.136 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

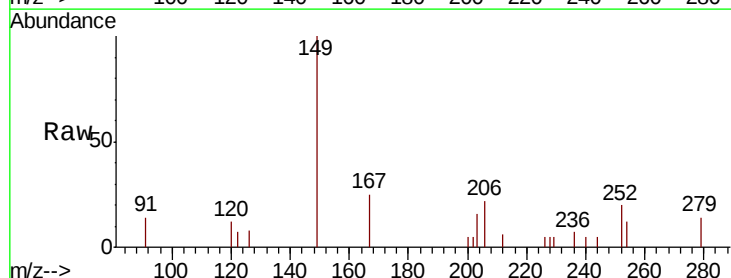
Tgt Ion:149 Resp: 768

Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.4

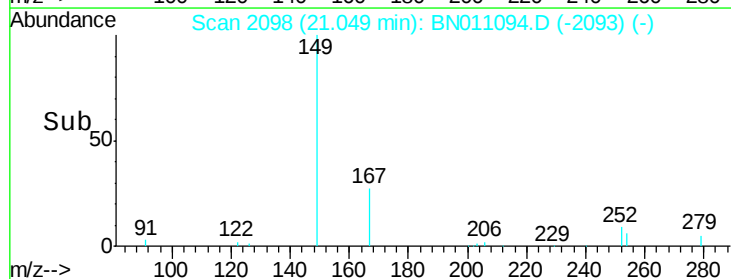
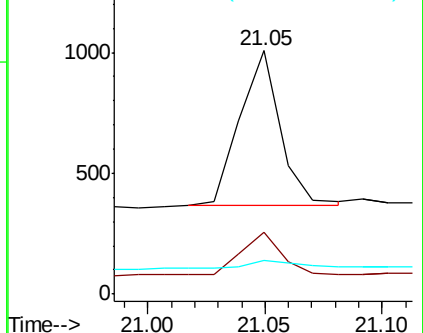
279 6.5 4.5 6.7

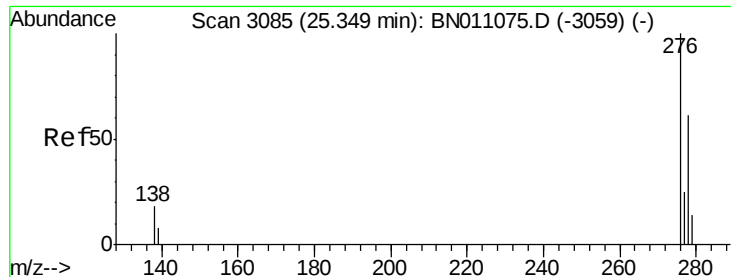


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

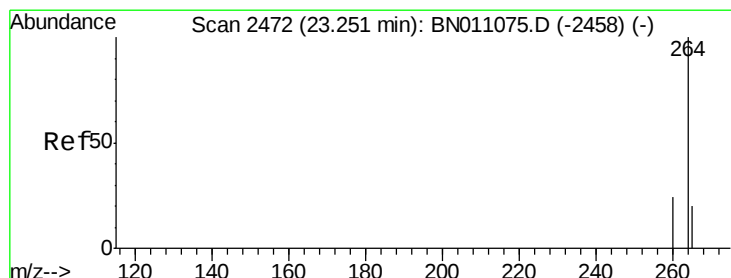
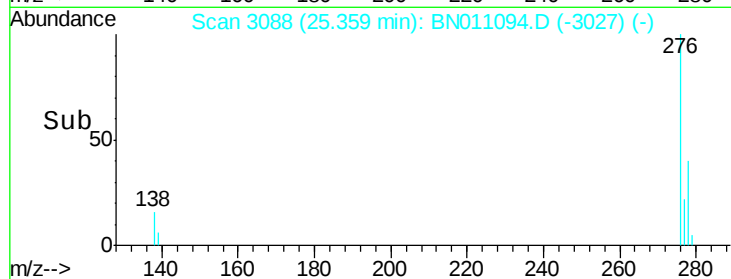
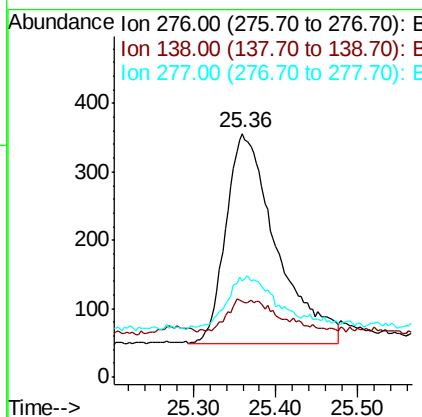
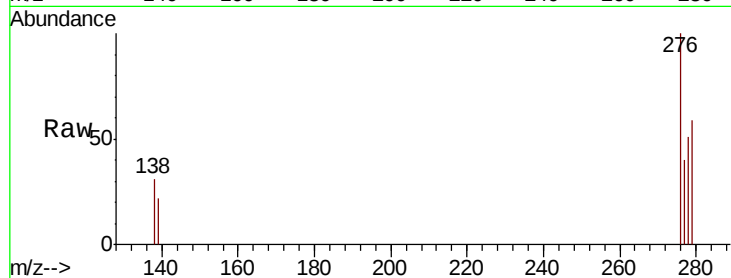




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.078 ng
 RT: 25.36 min Scan# 3088
 Delta R.T. 0.01 min
 Lab File: BN011094.D
 Acq: 02 Jul 2020 20:05

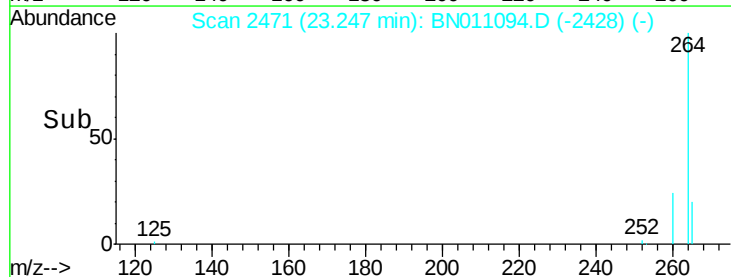
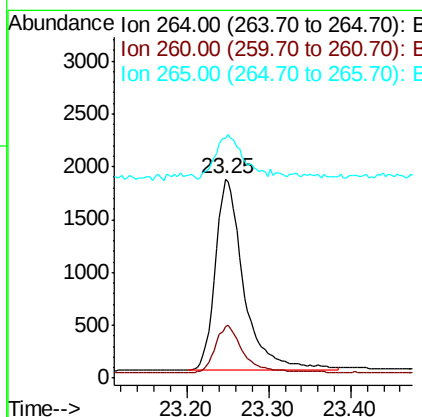
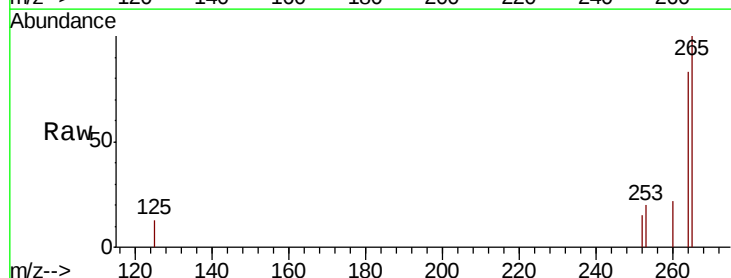
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03

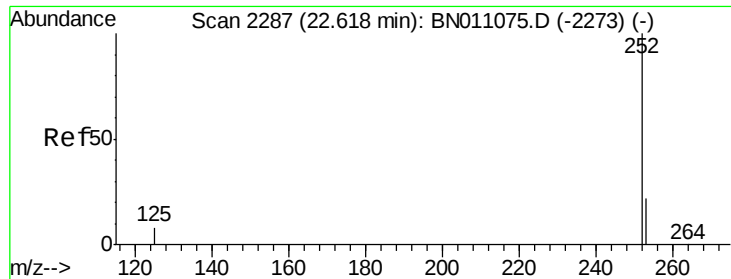
Tot Ion:276 Resp: 1311
 Ion Ratio Lower Upper
 276 100
 138 5.2 15.4 23.0#
 277 24.6 19.4 29.0



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: BN011094.D
 Acq: 02 Jul 2020 20:05

Tgt Ion:264 Resp: 4393
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.4 30.6
 265 120.3 83.0 124.6

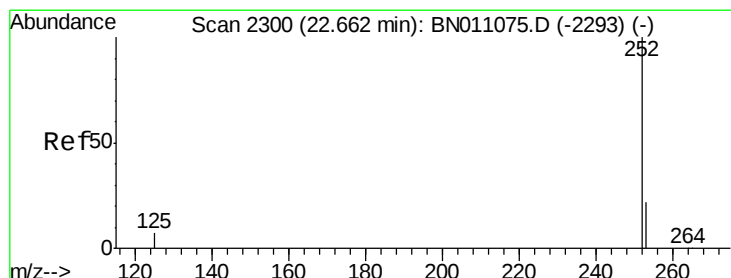
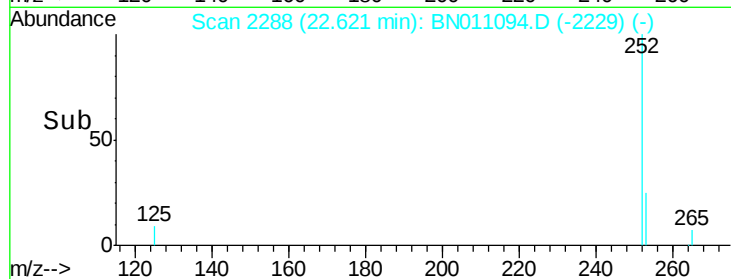
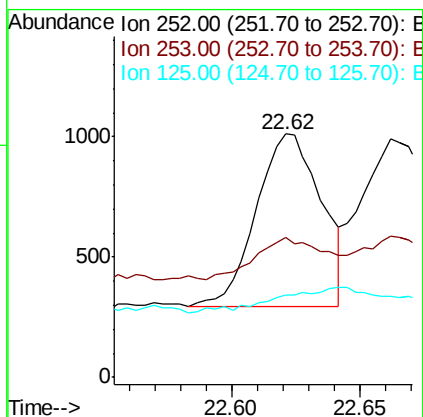
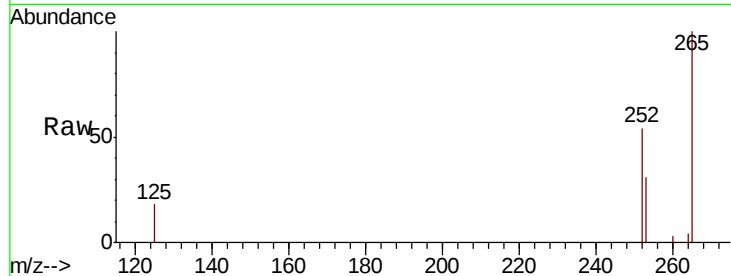




#37
Benzo(b)fluoranthene
Concen: 0.072 ng
RT: 22.62 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BN011094.D
Acq: 02 Jul 2020 20:05

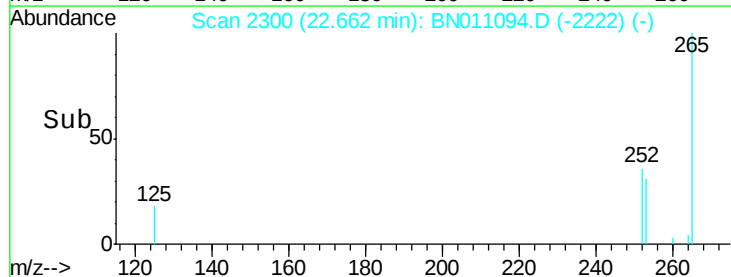
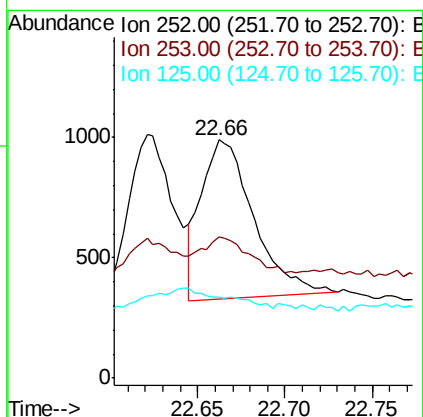
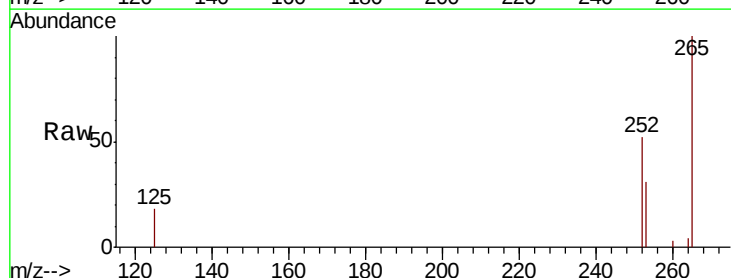
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03

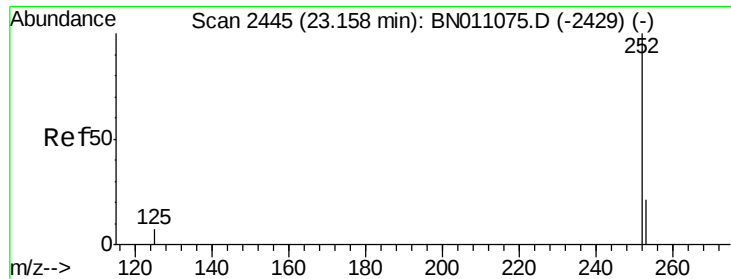
Tot Ion:252 Resp: 1265
Ion Ratio Lower Upper
252 100
253 57.4 22.7 34.1#
125 33.6 10.4 15.6#



#38
Benzo(k)fluoranthene
Concen: 0.073 ng
RT: 22.66 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BN011094.D
Acq: 02 Jul 2020 20:05

Tgt Ion:252 Resp: 1384
Ion Ratio Lower Upper
252 100
253 59.5 22.9 34.3#
125 33.9 10.6 15.8#





#39

Benzo(a)pyrene

Concen: 0.075 ng

RT: 23.17 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03

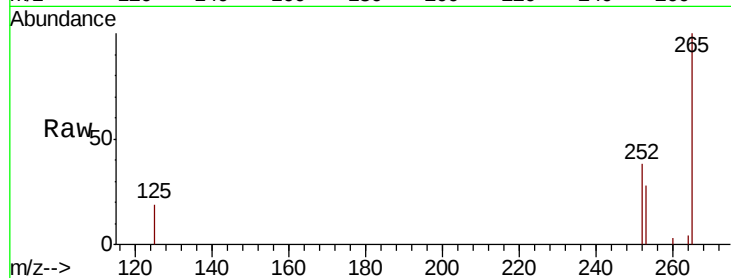
Tot Ion:252 Resp: 1134

Ion Ratio Lower Upper

252 100

253 73.5 25.9 38.9#

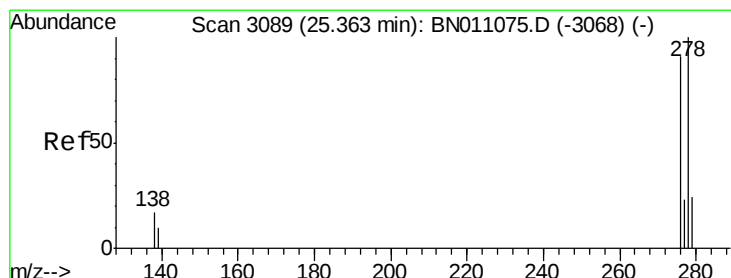
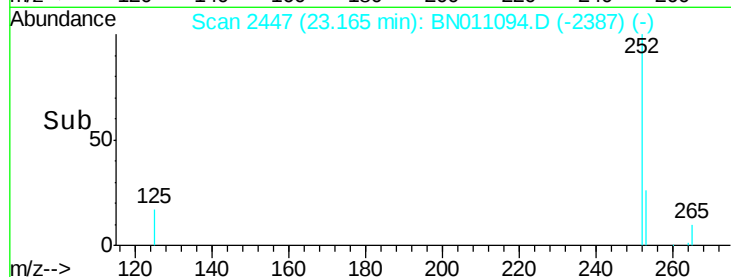
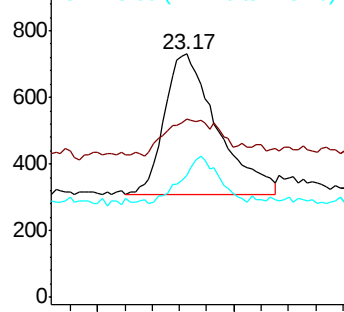
125 50.1 12.5 18.7#



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



#40

Dibenzo(a,h)anthracene

Concen: 0.062 ng

RT: 25.38 min Scan# 3094

Delta R.T. 0.02 min

Lab File: BN011094.D

Acq: 02 Jul 2020 20:05

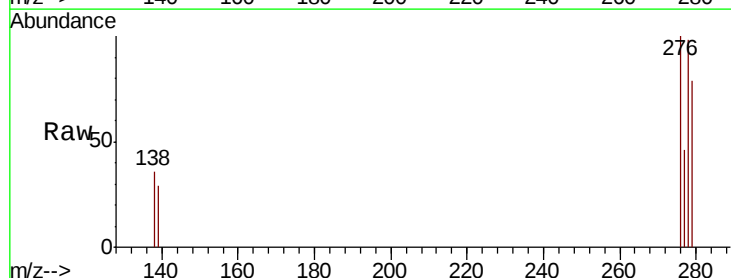
Tgt Ion:278 Resp: 958

Ion Ratio Lower Upper

278 100

139 30.2 11.9 17.9#

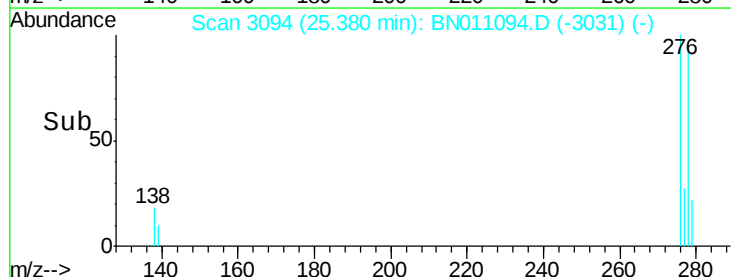
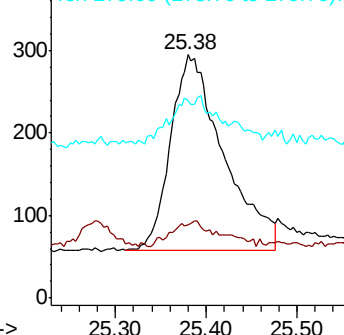
279 81.0 25.5 38.3#

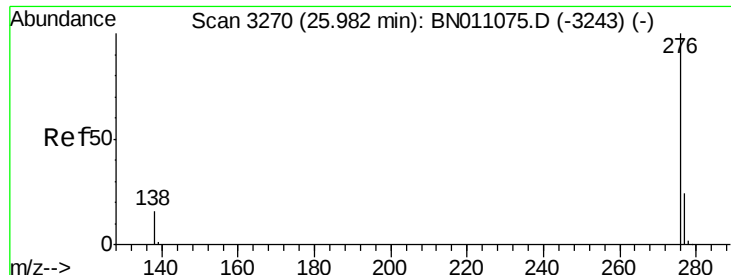


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.078 ng

RT: 25.99 min Scan# 3272

Delta R.T. 0.01 min

Lab File: BN011094.D

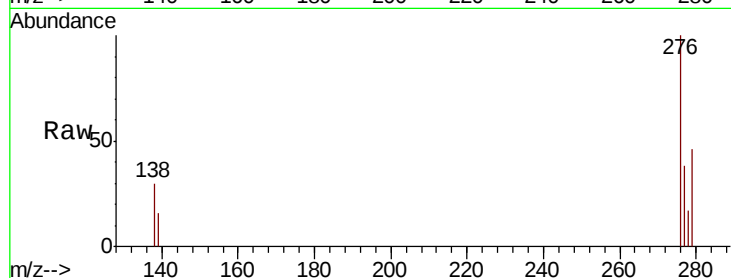
Acq: 02 Jul 2020 20:05

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03



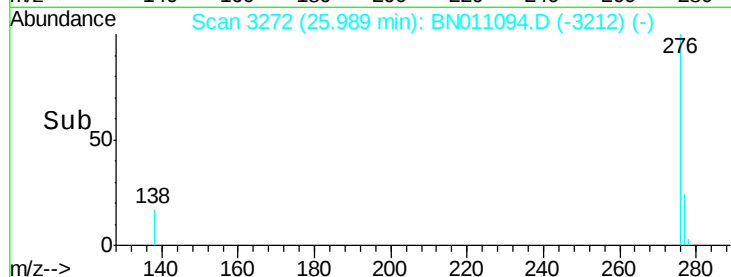
Tot Ion: 276 Resp: 1344

Ion Ratio Lower Upper

276 100

277 38.3 21.1 31.7#

138 30.3 15.0 22.6#



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

