

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070720\
 Data File : BN011114.D
 Acq On : 07 Jul 2020 14:09
 Operator : CG/JU
 Sample : L1955-13
 Misc : MDL-WTR--06
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-06

Quant Time: Jul 07 14:40:18 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 Jul 07 14:39:07 2020
 Response via : Initial Calibration

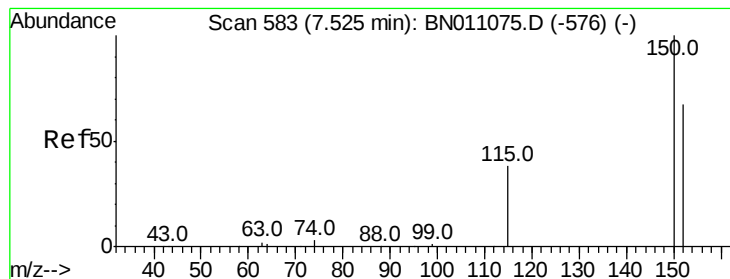
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1657	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	4914	0.40	ng	0.01
13) Acenaphthene-d10	14.13	164	2758	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	5774	0.40	ng	0.01
29) Chrysene-d12	21.10	240	4442	0.40	ng	0.00
36) Perylene-d12	23.24	264	4615	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1347	0.33	ng	0.00
5) Phenol-d6	6.72	99	1312	0.28	ng	0.00
8) Nitrobenzene-d5	8.67	82	1275	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	11.87	152	2612	0.31	ng	0.02
14) 2,4,6-Tribromophenol	15.65	330	361	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.77	172	3351	0.26	ng	0.02
27) Fluoranthene-d10	18.94	212	5263	0.30	ng	0.00
31) Terphenyl-d14	19.55	244	4090	0.35	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	151	0.065	ng	92
3) n-Nitrosodimethylamine	3.59	42	27	0.023	ng	# 1
6) bis(2-Chloroethyl)ether	6.97	93	268	0.062	ng	96
9) Naphthalene	10.32	128	1085	0.074	ng	# 79
10) Hexachlorobutadiene	10.60	225	276	0.074	ng	# 99
12) 2-Methylnaphthalene	11.95	142	651	0.066	ng	# 89
16) Acenaphthylene	13.85	152	889	0.064	ng	100
17) Acenaphthene	14.20	154	605	0.065	ng	95
18) Fluorene	15.21	166	719	0.061	ng	98
21) 4-Bromophenyl-phenylether	16.12	248	225	0.059	ng	96
22) Hexachlorobenzene	16.20	284	315	0.070	ng	98
23) Atrazine	16.40	200	207	0.076	ng	# 67
24) Pentachlorophenol	16.57	266	177	0.145	ng	98
25) Phenanthrene	16.93	178	1255	0.067	ng	98
26) Anthracene	17.04	178	923	0.060	ng	99
28) Fluoranthene	18.97	202	1334	0.063	ng	98
30) Pyrene	19.33	202	1333	0.080	ng	99
32) Benzo(a)anthracene	21.10	228	1032	0.070	ng	# 87
33) Chrysene	21.14	228	1345	0.079	ng	# 91
34) Bis(2-ethylhexyl)phthalate	21.05	149	726	0.121	ng	# 99
35) Indeno(1,2,3-cd)pyrene	25.37	276	1003	0.056	ng	# 88
37) Benzo(b)fluoranthene	22.62	252	1096	0.059	ng	# 48
38) Benzo(k)fluoranthene	22.66	252	1291	0.065	ng	# 48
39) Benzo(a)pyrene	23.16	252	1060	0.066	ng	# 33
40) Dibenzo(a,h)anthracene	25.38	278	837	0.051	ng	# 11
41) Benzo(g,h,i)perylene	25.98	276	1179	0.066	ng	# 77

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

```
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Acq On    : 07 Jul 2020  14:09  
Operator  : CG/JU  
Sample    : L1955-13  
Misc      : MDL-WTR--06  
ALS Vial  : 8    Sample Multiplier: 1
```

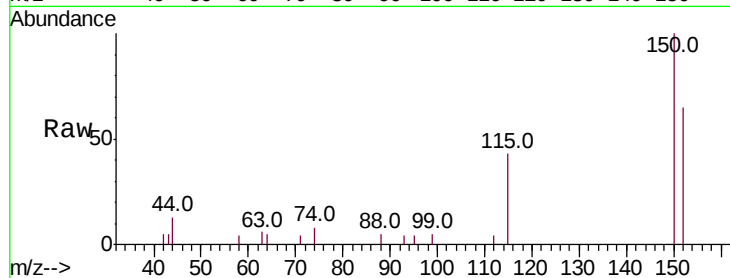


#1

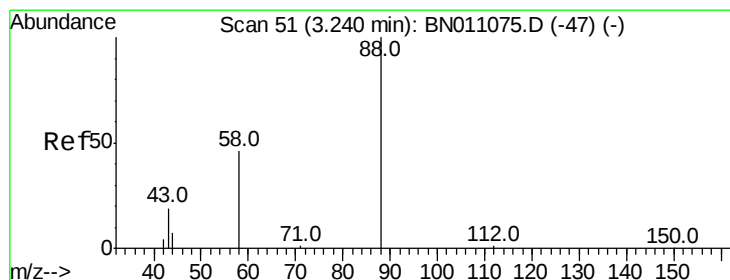
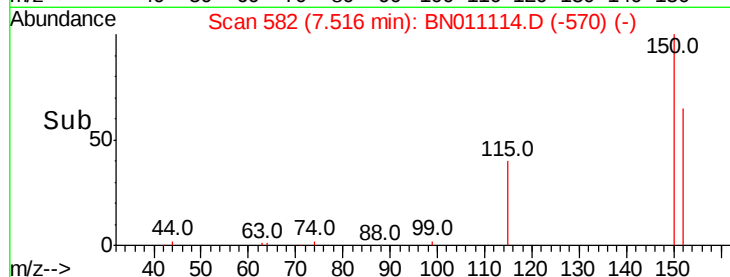
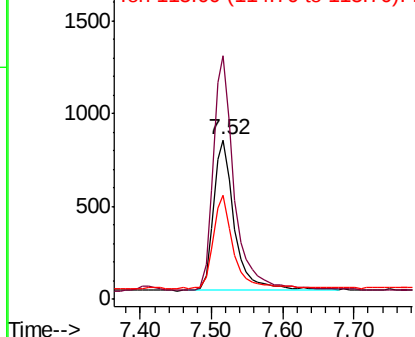
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.00 min
Lab File: BN011114.D
Acq: 07 Jul 2020 14:09

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-06

Tot Ion:152 Resp: 1657
Ion Ratio Lower Upper
152 100
150 153.0 117.4 176.0
115 65.5 47.9 71.9



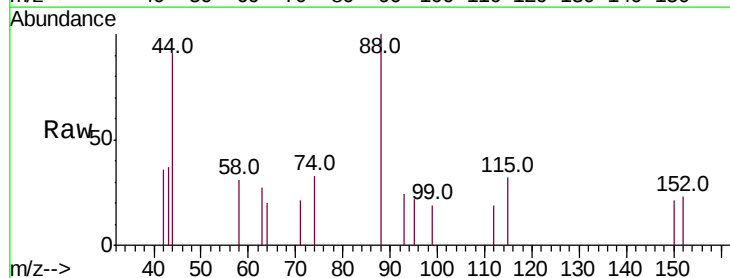
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



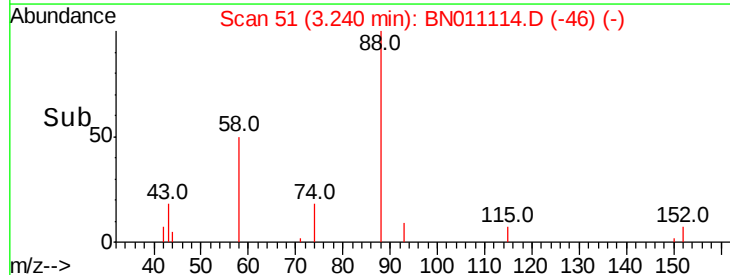
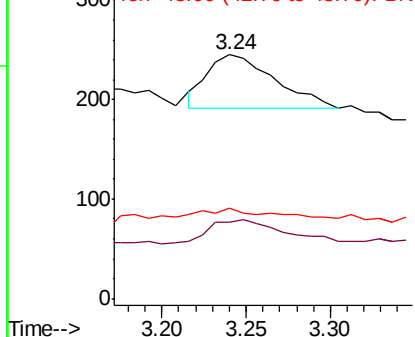
#2

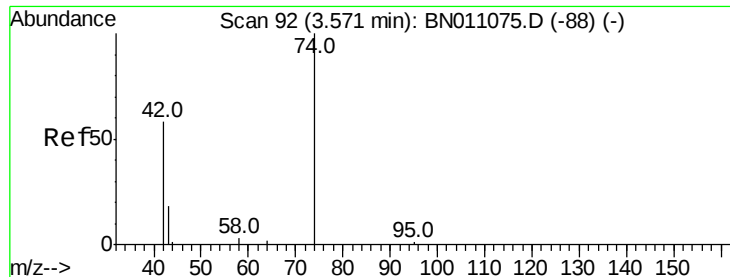
1,4-Dioxane
Concen: 0.065 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN011114.D
Acq: 07 Jul 2020 14:09

Tgt Ion: 88 Resp: 151
Ion Ratio Lower Upper
88 100
58 41.7 38.6 57.8
43 17.2 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: 0.023 ng

RT: 3.59 min Scan# 95

Delta R.T. 0.02 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-06

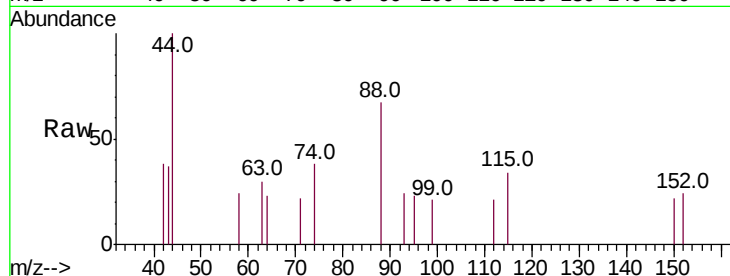
Tot Ion: 42 Resp: 27

Ion Ratio Lower Upper

42 100

74 0.0 142.5 213.7#

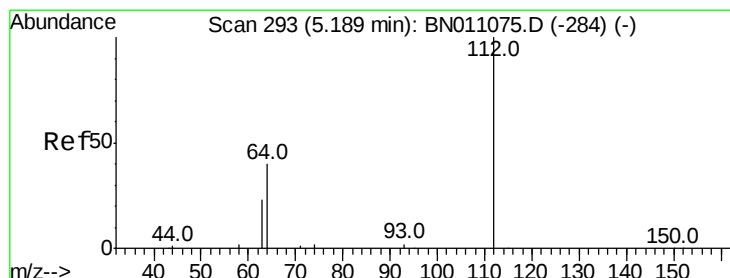
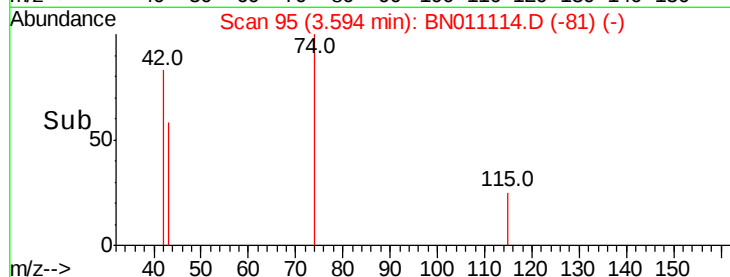
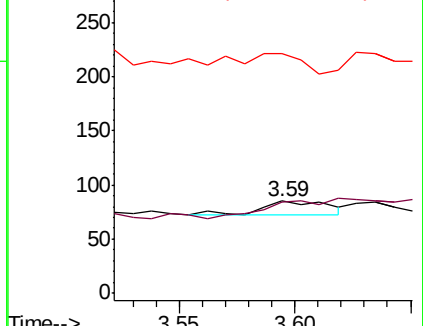
44 140.7 0.0 0.0#



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: 0.327 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

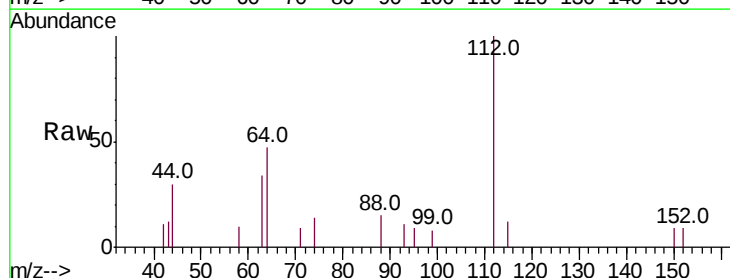
Tgt Ion: 112 Resp: 1347

Ion Ratio Lower Upper

112 100

64 43.8 36.5 54.7

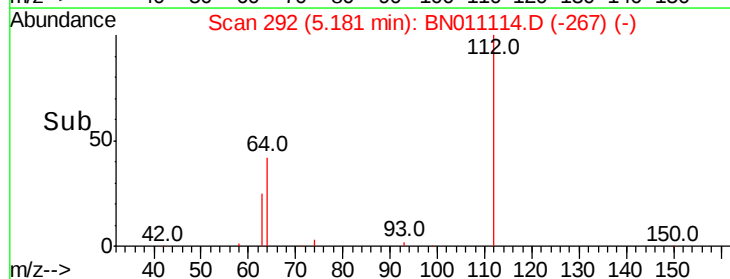
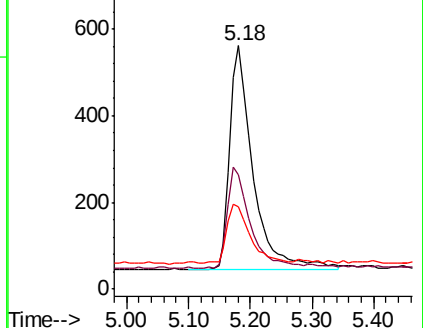
63 26.1 20.6 30.8

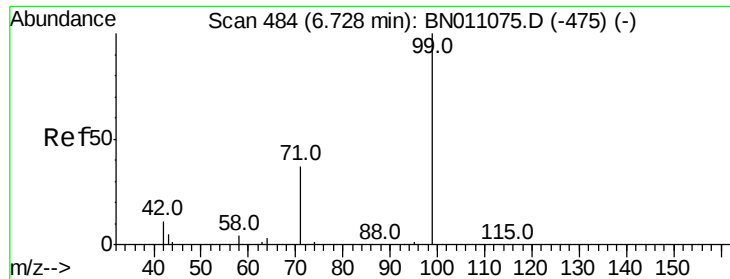


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.277 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.00 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-06

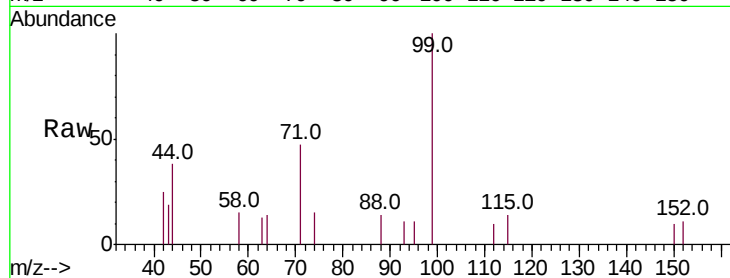
Tot Ion: 99 Resp: 1312

Ion Ratio Lower Upper

99 100

42 12.8 9.8 14.8

71 38.9 30.7 46.1



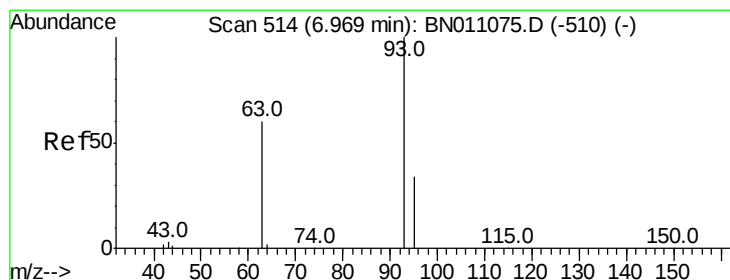
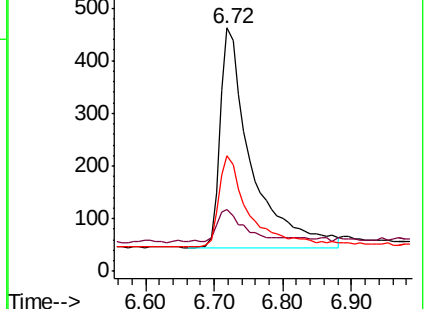
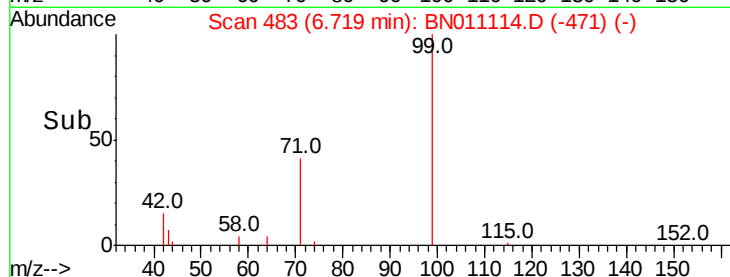
Abundance Ion 99.00 (98.70 to 99.70): BN011114.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011114.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011114.D (-475) (-)

6.72

6.60 6.70 6.80 6.90



#6

bis(2-Chloroethyl)ether

Concen: 0.062 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.01 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

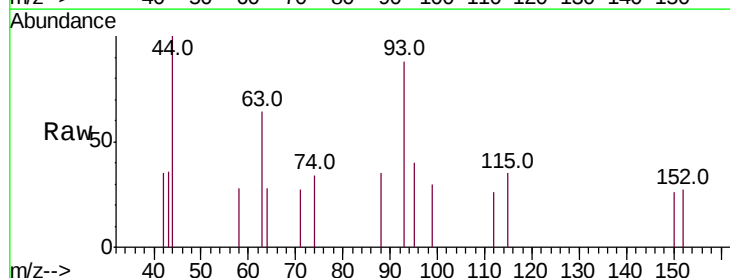
Tgt Ion: 93 Resp: 268

Ion Ratio Lower Upper

93 100

63 56.0 47.4 71.2

95 35.1 26.4 39.6



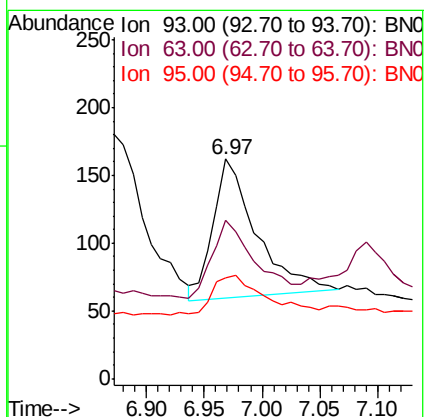
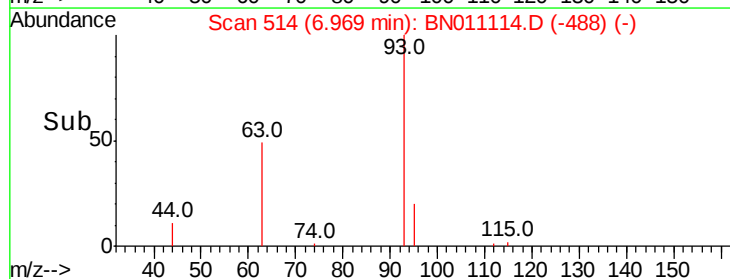
Abundance Ion 93.00 (92.70 to 93.70): BN011114.D (-488) (-)

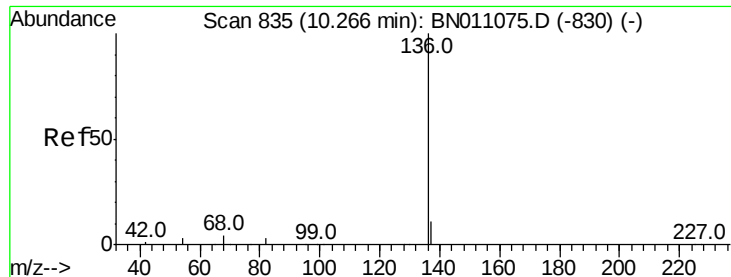
Ion 63.00 (62.70 to 63.70): BN011114.D (-488) (-)

Ion 95.00 (94.70 to 95.70): BN011114.D (-488) (-)

6.97

6.90 6.95 7.00 7.05 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.01 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

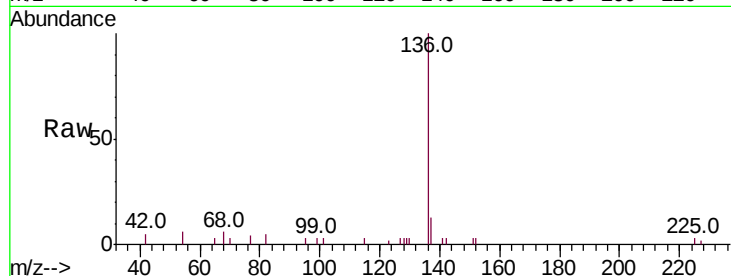
ClientSampleId :

MDL-WATER-06

Tot Ion:136 Resp: 4914

Ion Ratio Lower Upper

136	100		
137	13.5	9.6	14.4
54	6.2	3.8	5.6
68	6.2	4.3	6.5

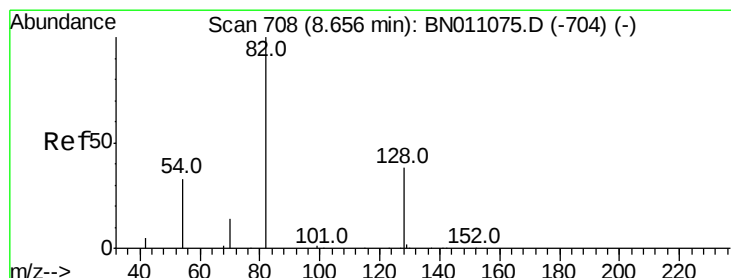
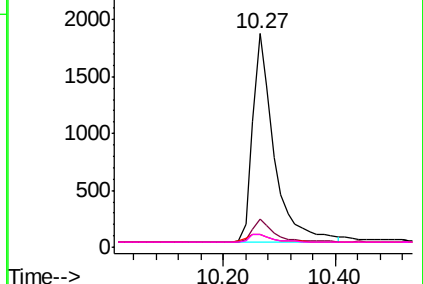
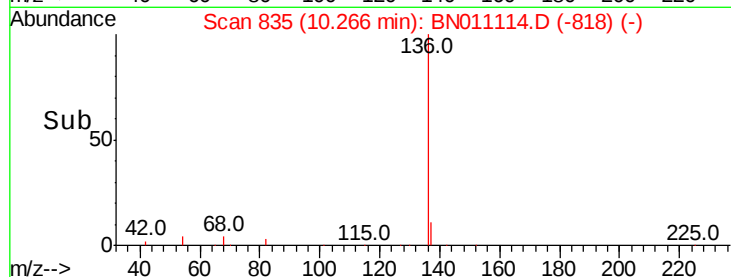


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.305 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.01 min

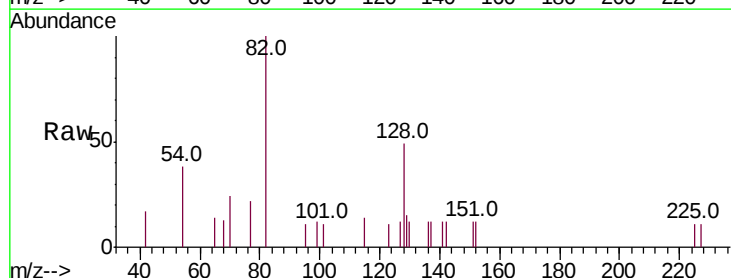
Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Tgt Ion: 82 Resp: 1275

Ion Ratio Lower Upper

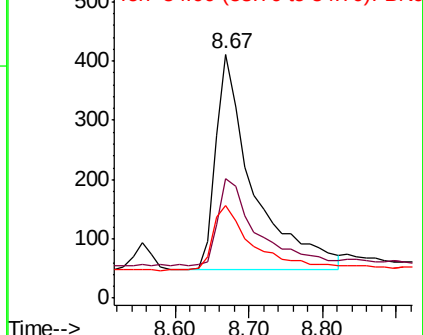
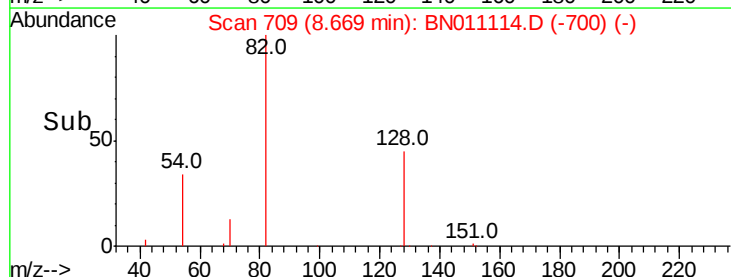
82	100		
128	48.9	34.2	51.2
54	38.0	29.4	44.0

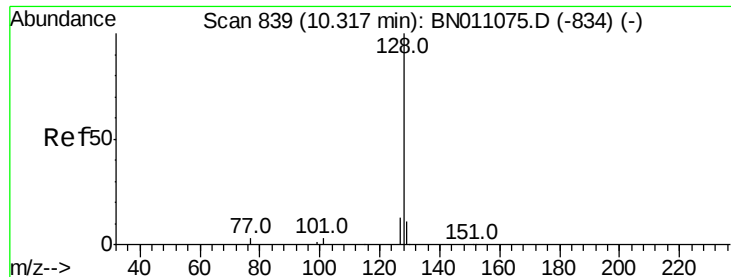


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.074 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.01 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-06

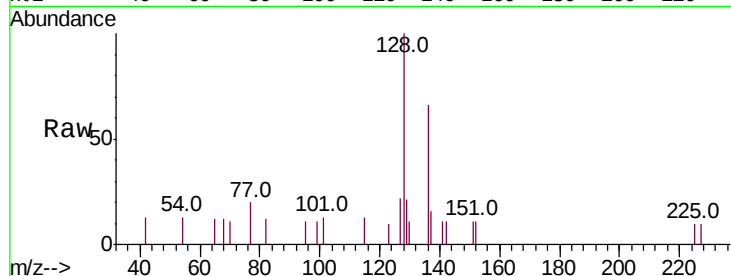
Tot Ion:128 Resp: 1085

Ion Ratio Lower Upper

128 100

129 21.1 9.8 14.8#

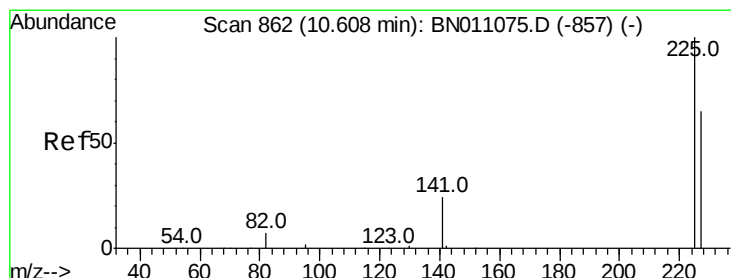
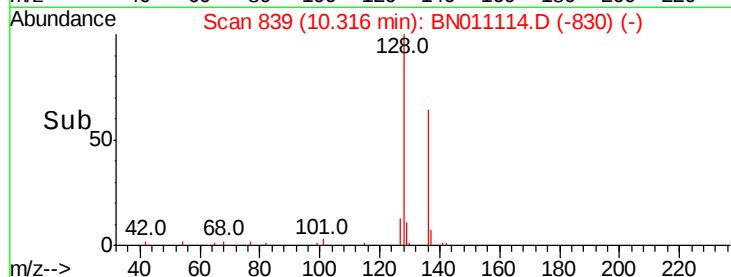
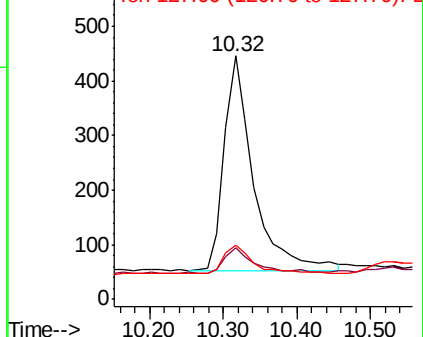
127 22.2 11.3 16.9#



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

Hexachlorobutadiene

Concen: 0.074 ng

RT: 10.60 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

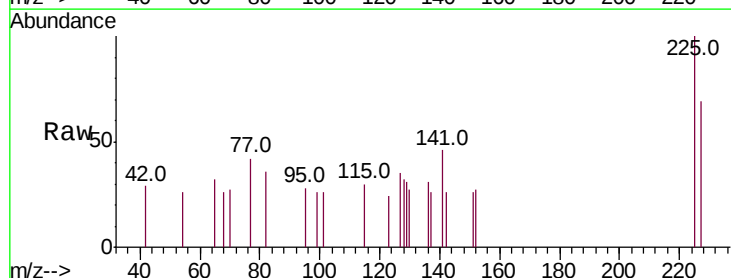
Tgt Ion:225 Resp: 276

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

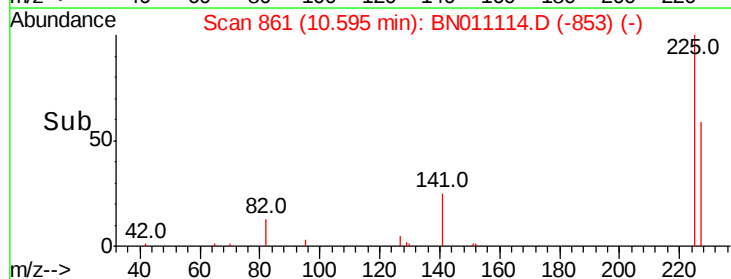
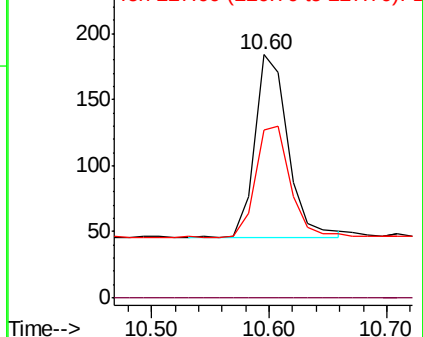
227 63.4 51.4 77.2

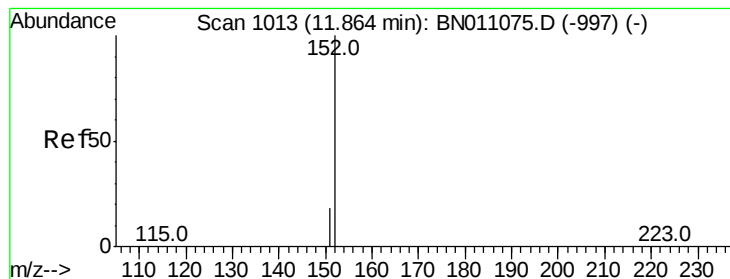


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.307 ng

RT: 11.87 min Scan# 1015

Delta R.T. 0.02 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

ClientSampleId :

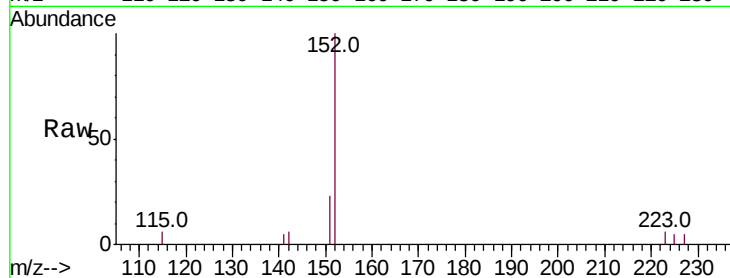
MDL-WATER-06

Tot Ion:152 Resp: 2612

Ion Ratio Lower Upper

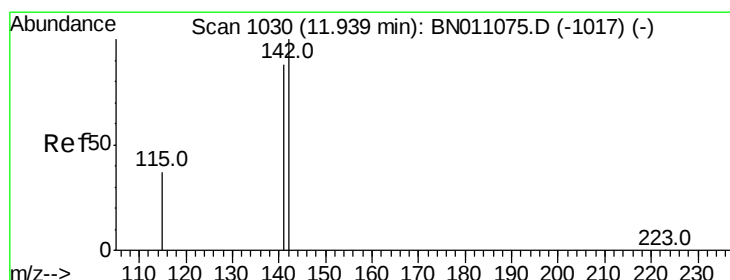
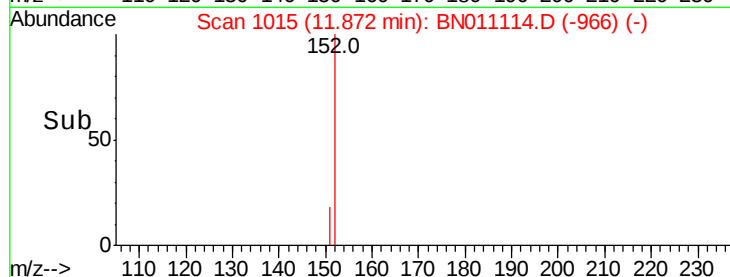
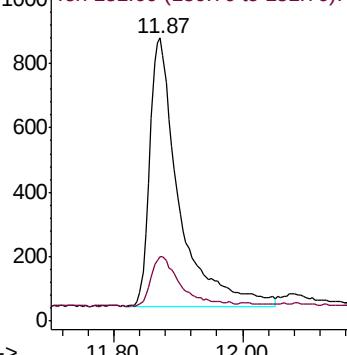
152 100

151 19.0 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.066 ng

RT: 11.95 min Scan# 1032

Delta R.T. 0.02 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

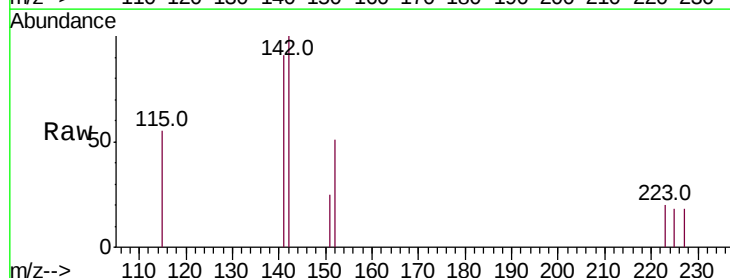
Tgt Ion:142 Resp: 651

Ion Ratio Lower Upper

142 100

141 91.4 70.3 105.5

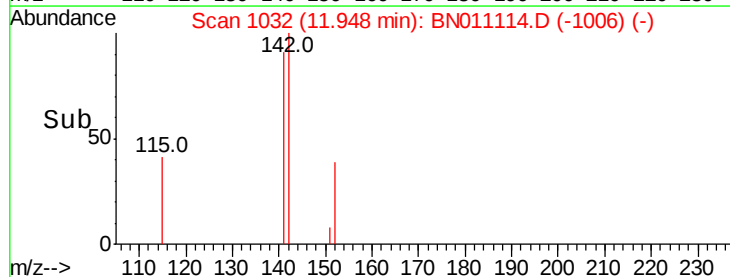
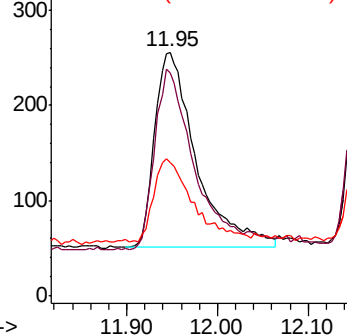
115 54.7 31.2 46.8#

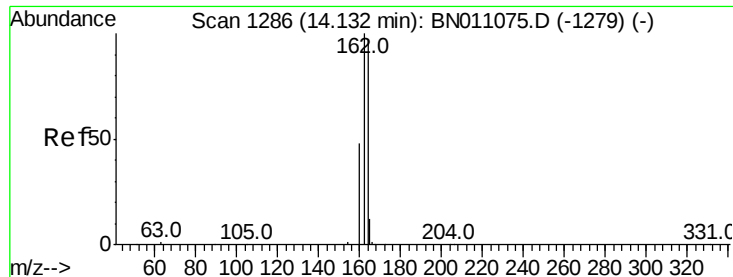


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-06

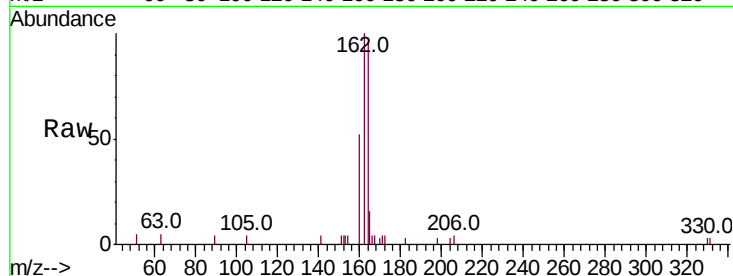
Tot Ion:164 Resp: 2758

Ion Ratio Lower Upper

164 100

162 103.7 82.3 123.5

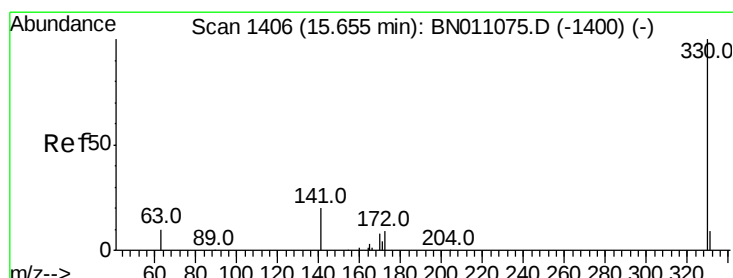
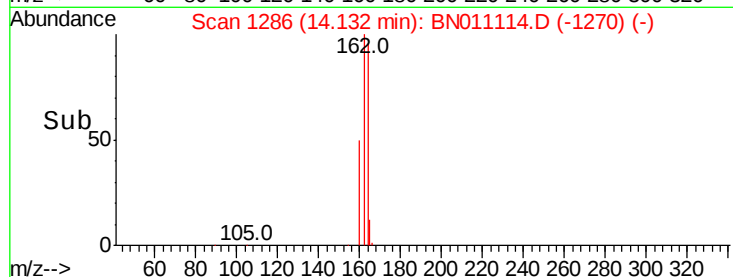
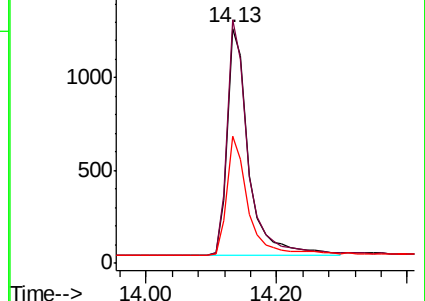
160 54.0 40.6 61.0



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: 0.312 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

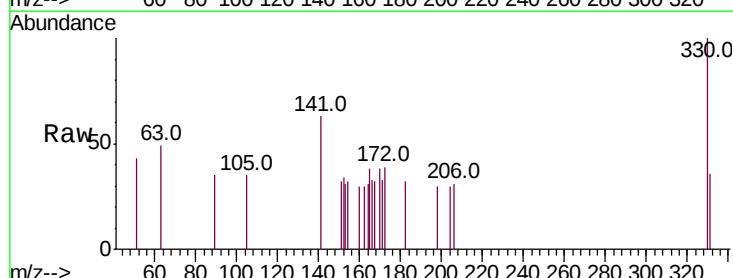
Tgt Ion:330 Resp: 361

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

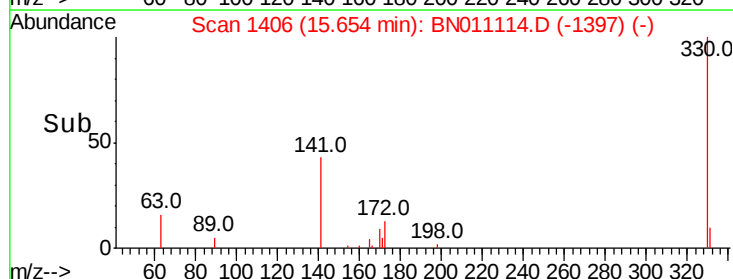
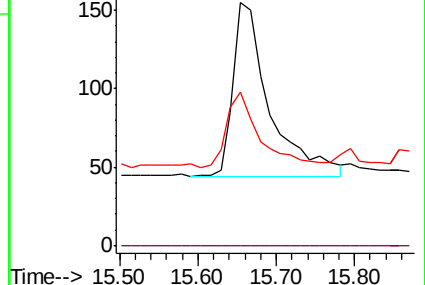
141 39.3 32.6 49.0

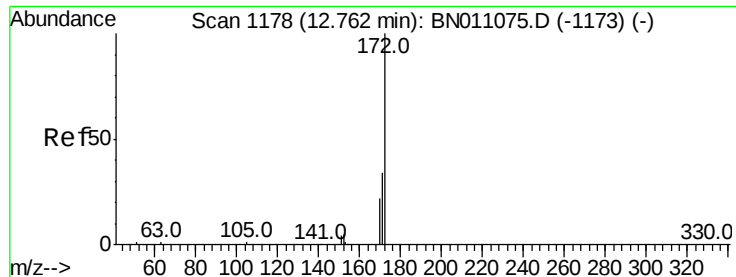


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

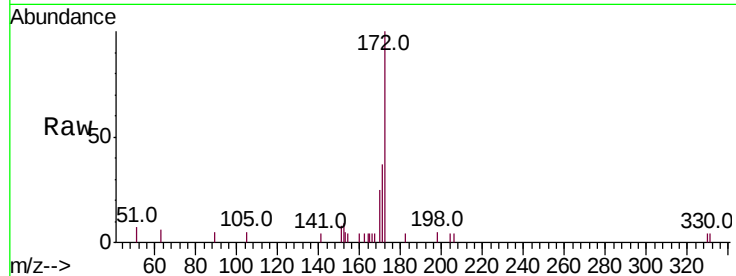




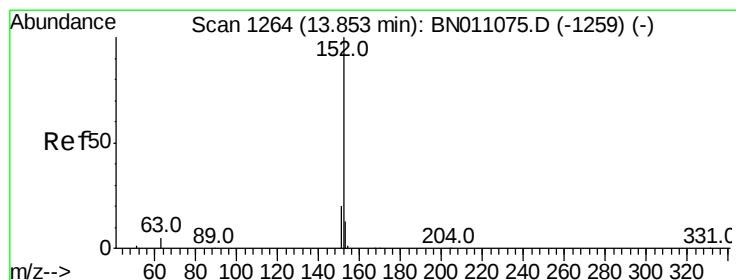
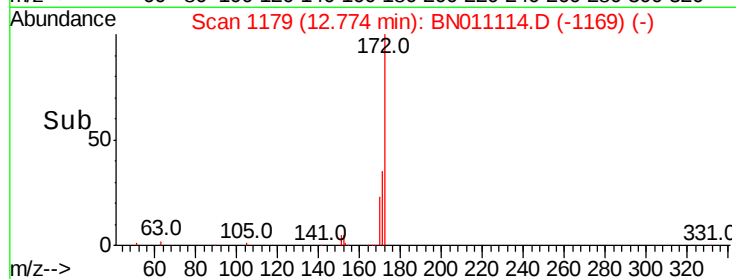
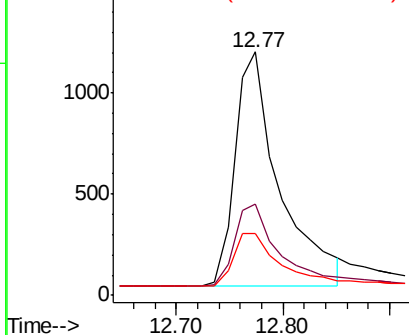
#15
2-Fluorobiphenyl
Concen: 0.258 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.02 min
Lab File: BN011114.D
Acq: 07 Jul 2020 14:09

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-06

Tot Ion:172 Resp: 3351
Ion Ratio Lower Upper
172 100
171 37.3 27.9 41.9
170 25.4 18.7 28.1

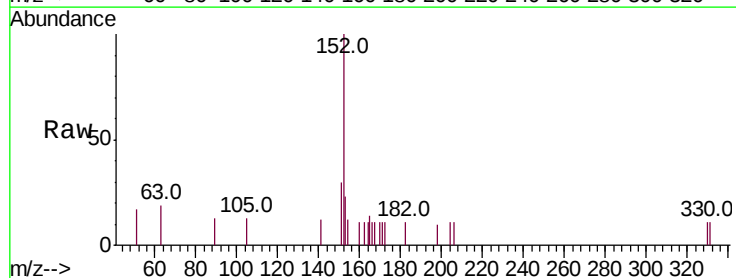


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

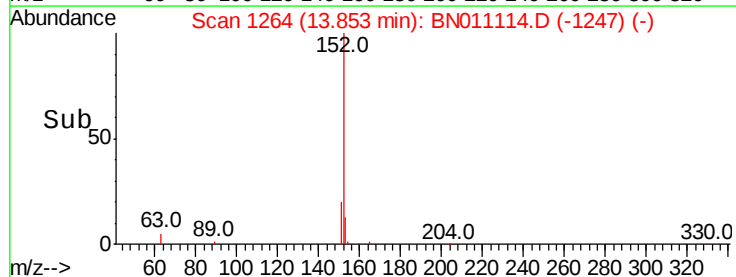
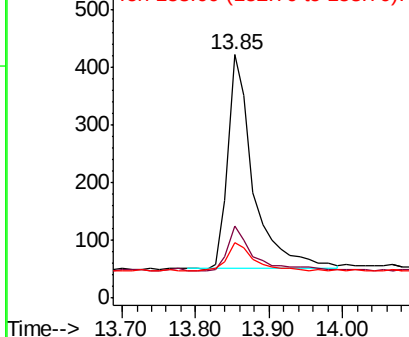


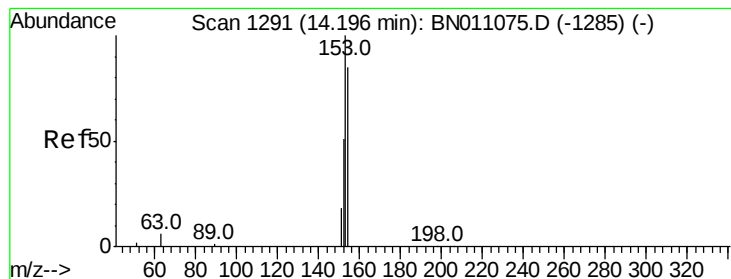
#16
Acenaphthylene
Concen: 0.064 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BN011114.D
Acq: 07 Jul 2020 14:09

Tgt Ion:152 Resp: 889
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.8 10.8 16.2



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: 0.065 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-06

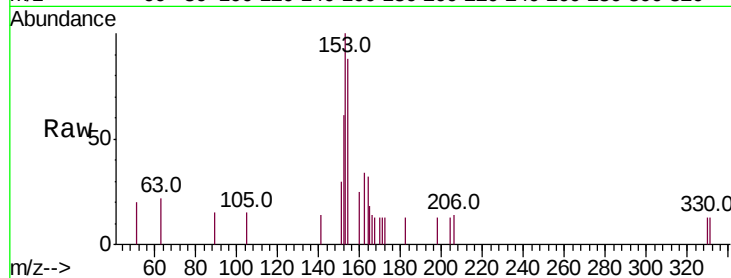
Tot Ion:154 Resp: 605

Ion Ratio Lower Upper

154 100

153 119.2 91.7 137.5

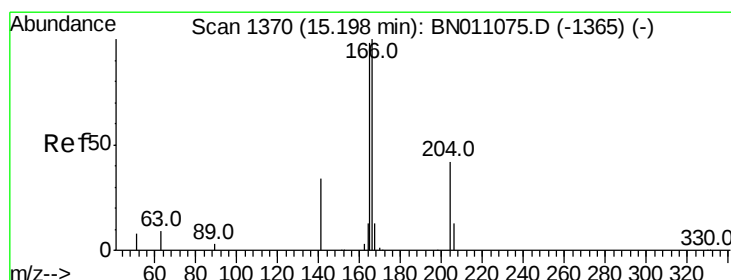
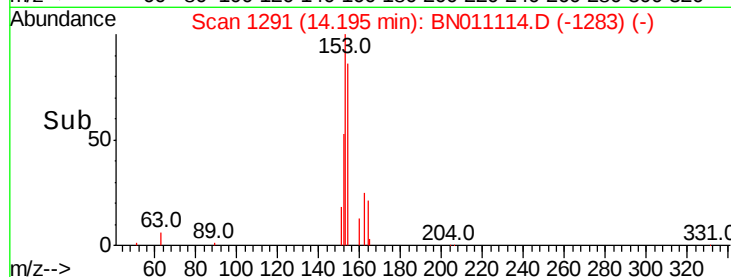
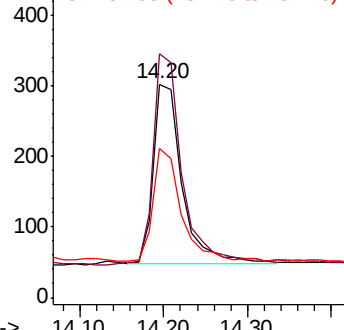
152 62.8 46.8 70.2



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: 0.061 ng

RT: 15.21 min Scan# 1371

Delta R.T. 0.02 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

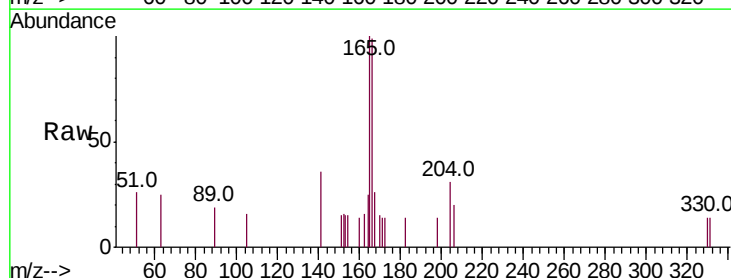
Tgt Ion:166 Resp: 719

Ion Ratio Lower Upper

166 100

165 100.3 78.9 118.3

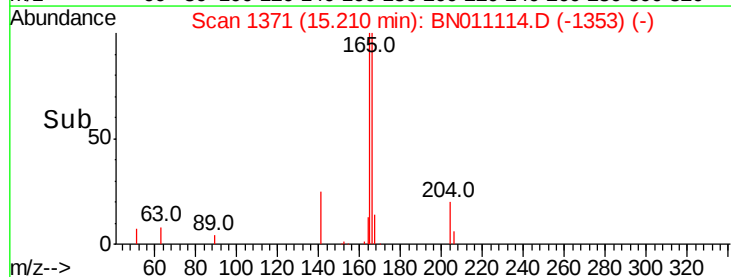
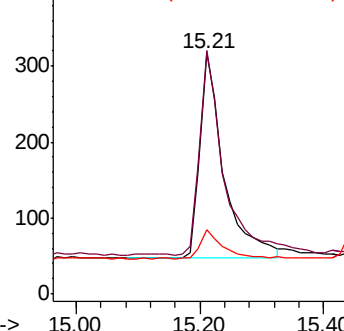
167 14.5 10.9 16.3

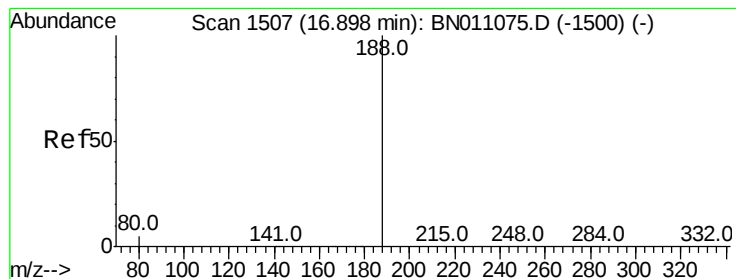


Abundance Ion 166.00 (165.70 to 166.70): E

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. 0.01 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-06

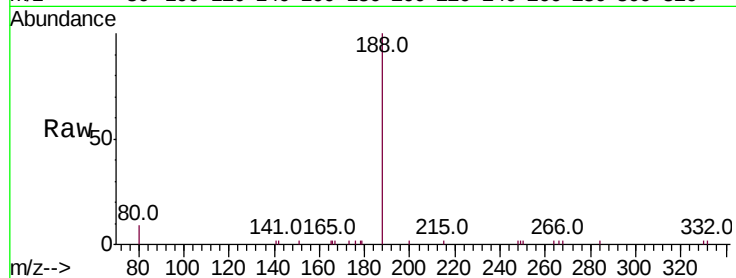
Tot Ion:188 Resp: 5774

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

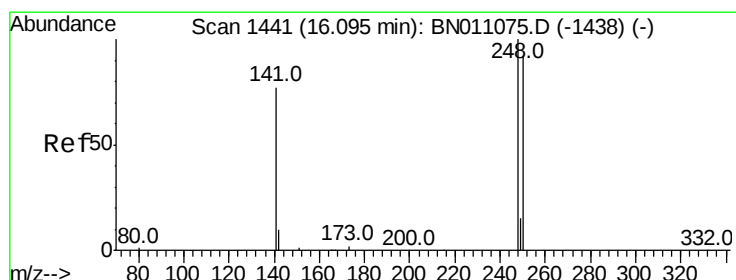
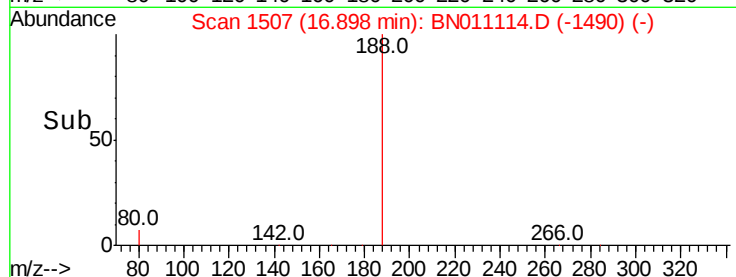
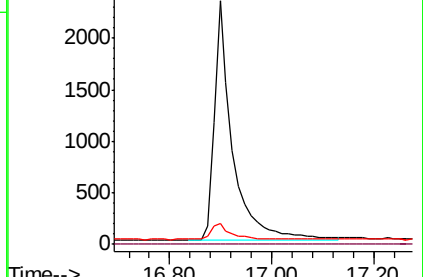
80 8.6 5.3 7.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#21

4-Bromophenyl-phenylether

Concen: 0.059 ng

RT: 16.12 min Scan# 1443

Delta R.T. 0.02 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

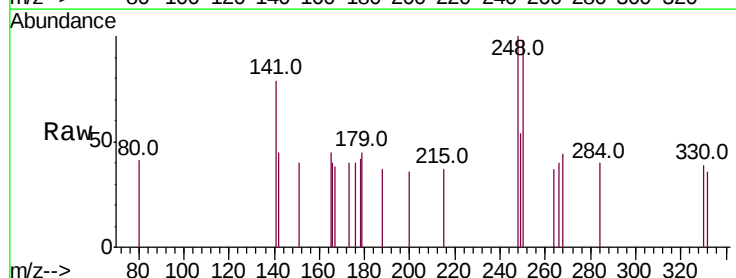
Tgt Ion:248 Resp: 225

Ion Ratio Lower Upper

248 100

250 98.4 73.8 110.8

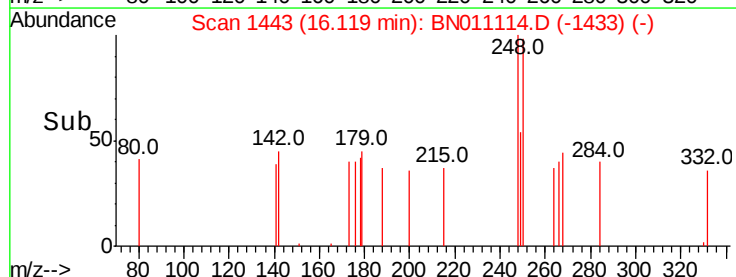
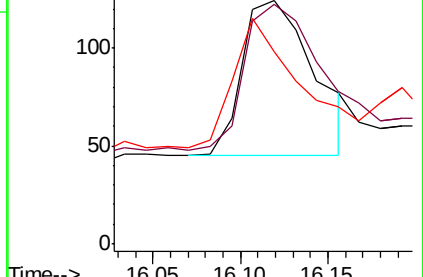
141 79.0 63.1 94.7

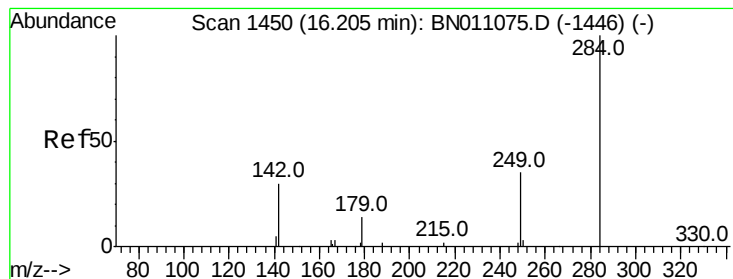


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Hexachlorobenzene

Concen: 0.070 ng

RT: 16.20 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-06

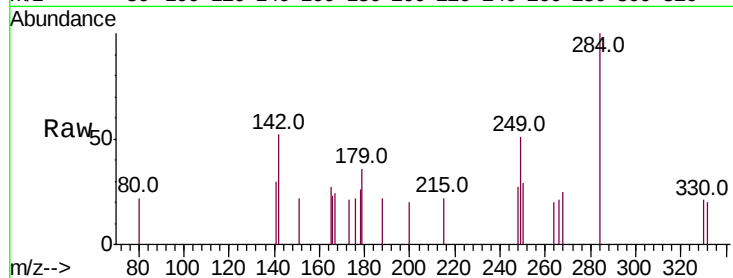
Tot Ion:284 Resp: 315

Ion Ratio Lower Upper

284 100

142 43.5 33.3 49.9

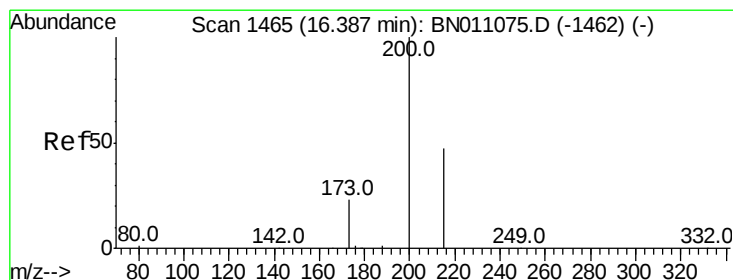
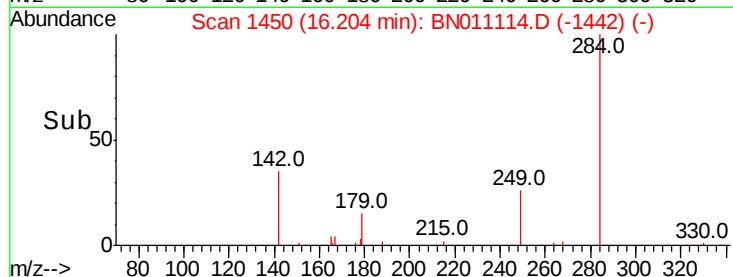
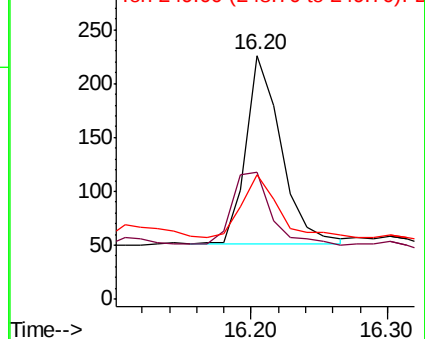
249 34.3 27.4 41.2



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: 0.076 ng

RT: 16.40 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

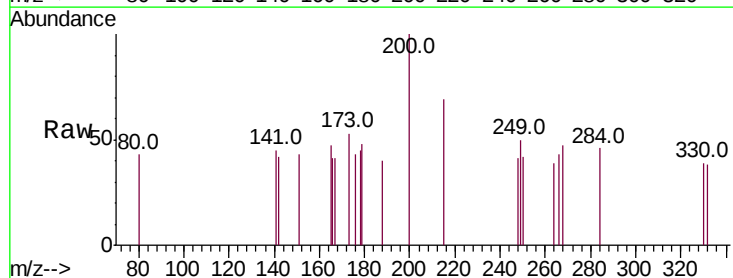
Tgt Ion:200 Resp: 207

Ion Ratio Lower Upper

200 100

173 52.6 22.8 34.2#

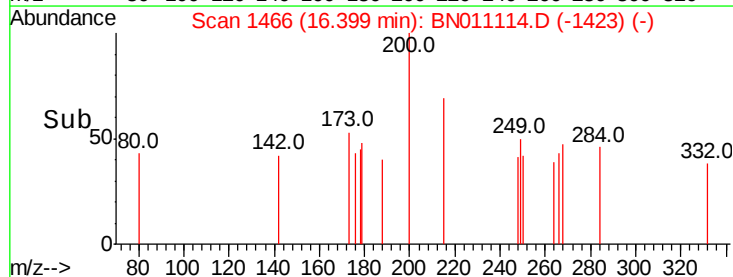
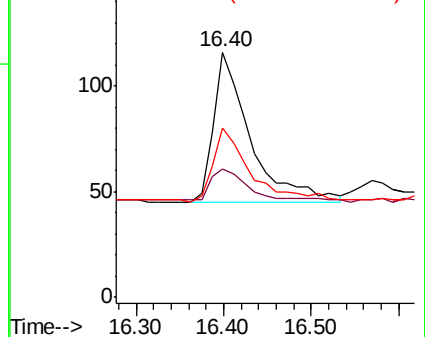
215 69.0 40.7 61.1#

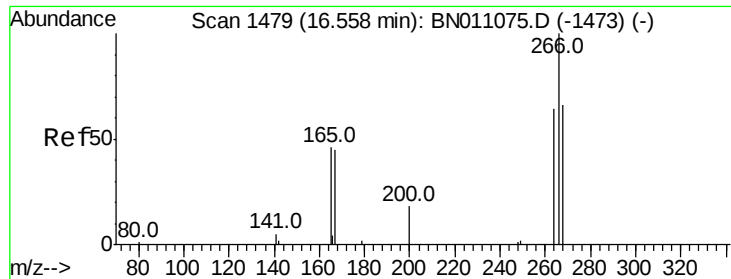


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

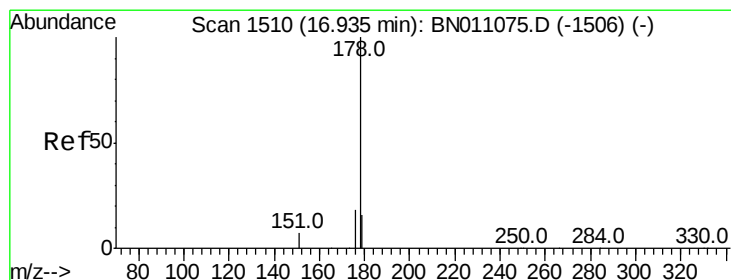
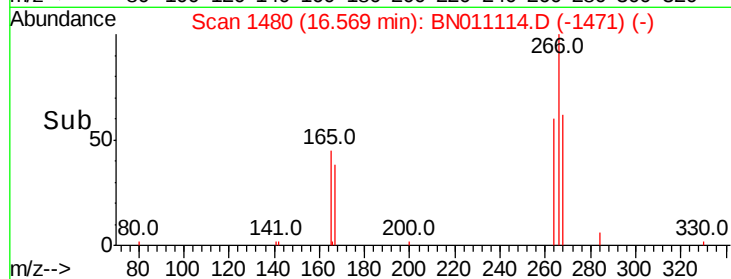
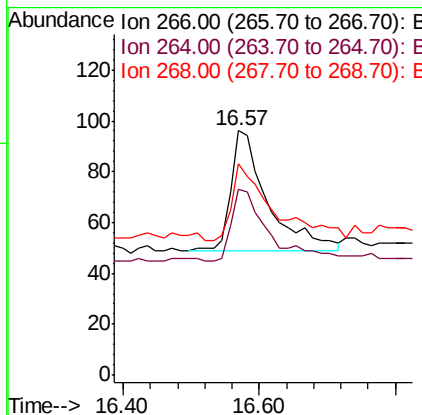
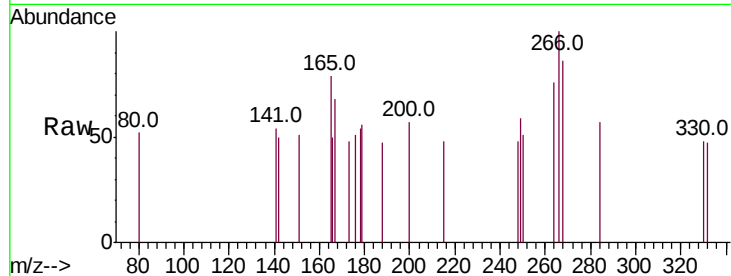




#24
 Pentachlorophenol
 Concen: 0.145 ng
 RT: 16.57 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: BN011114.D
 Acq: 07 Jul 2020 14:09

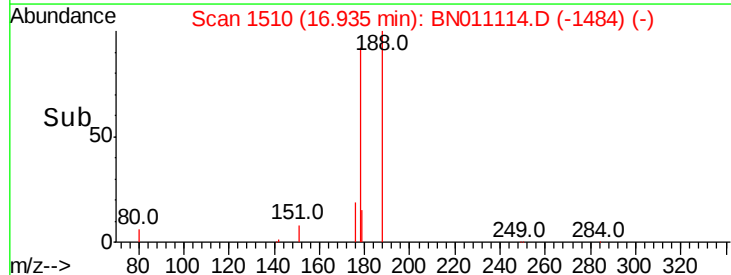
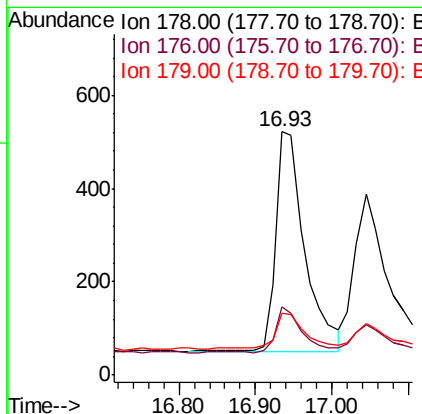
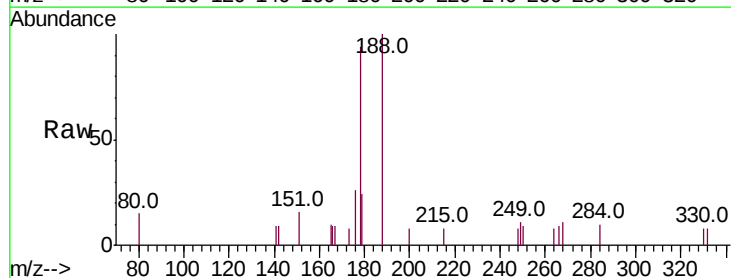
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-06

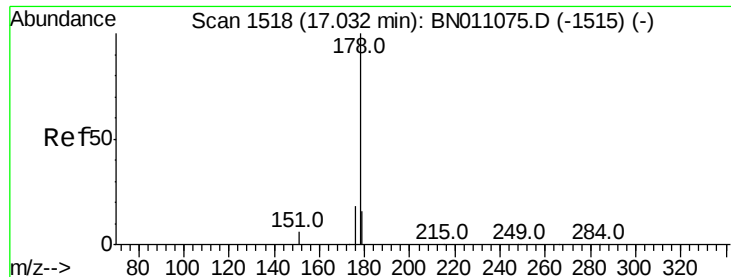
Tot Ion:266 Resp: 177
 Ion Ratio Lower Upper
 266 100
 264 60.5 47.4 71.0
 268 71.2 55.0 82.4



#25
 Phenanthrene
 Concen: 0.067 ng
 RT: 16.93 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BN011114.D
 Acq: 07 Jul 2020 14:09

Tgt Ion:178 Resp: 1255
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.0 22.6
 179 16.9 12.5 18.7





#26

Anthracene

Concen: 0.060 ng

RT: 17.04 min Scan# 1519

Delta R.T. 0.02 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

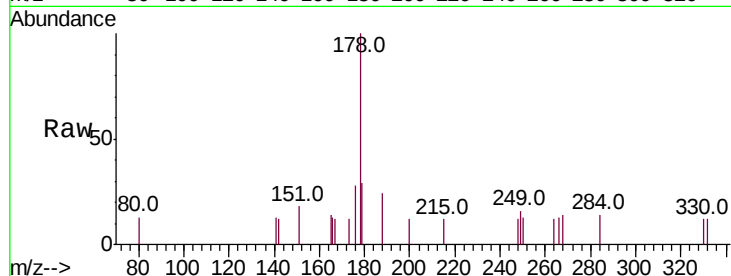
BNA_N

ClientSampleId :

MDL-WATER-06

Tot Ion:178 Resp: 923

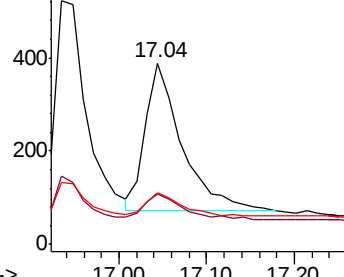
Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.2	21.4
179	15.6	12.2	18.2



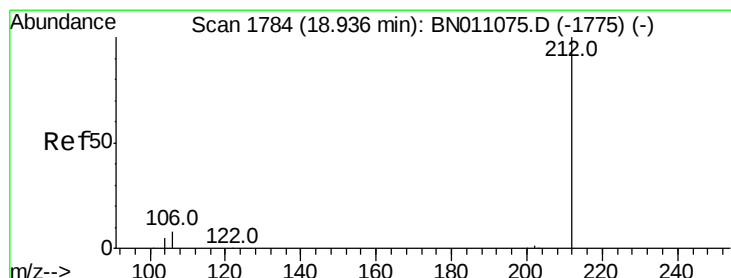
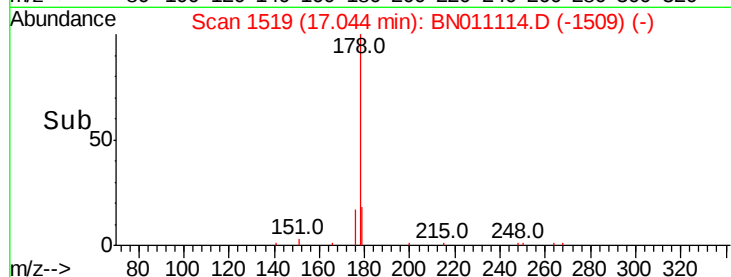
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#27

Fluoranthene-d10

Concen: 0.301 ng

RT: 18.94 min Scan# 1784

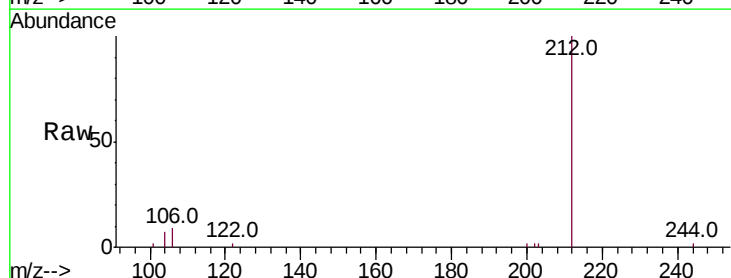
Delta R.T. 0.01 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Tgt Ion:212 Resp: 5263

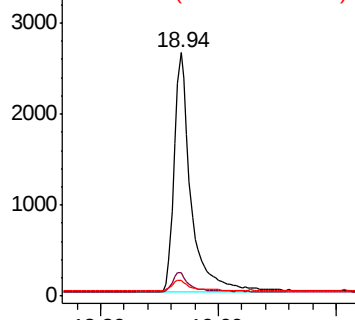
Ion	Ratio	Lower	Upper
212	100		
106	8.2	7.1	10.7
104	5.0	4.2	6.4



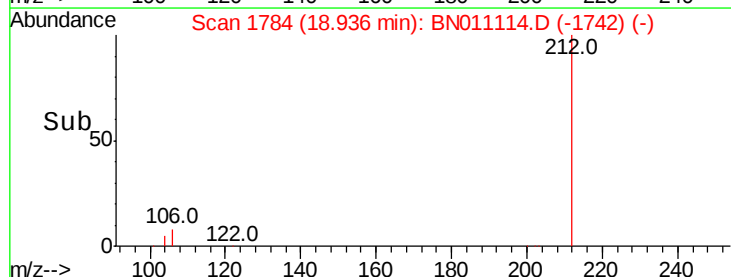
Abundance Ion 212.00 (211.70 to 212.70): E

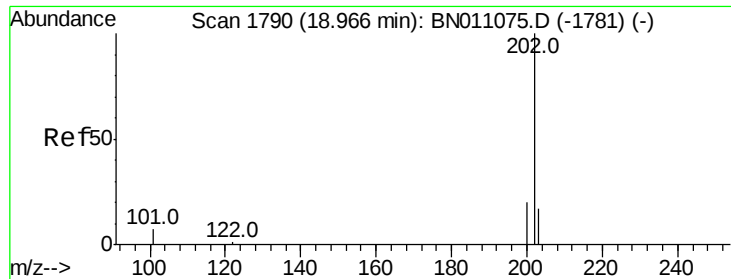
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

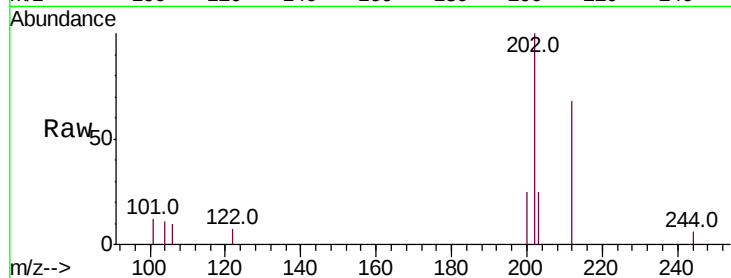




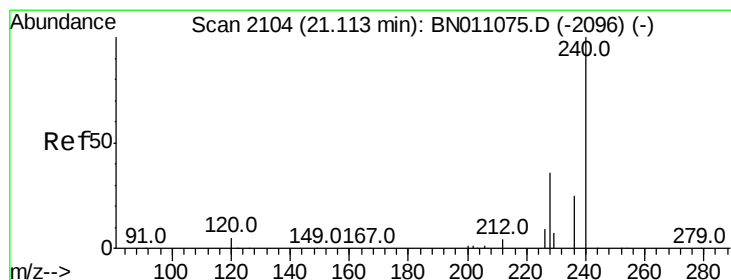
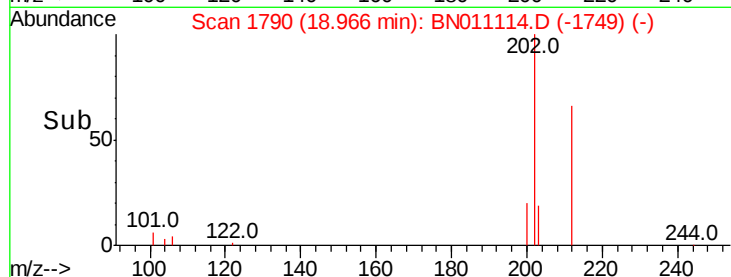
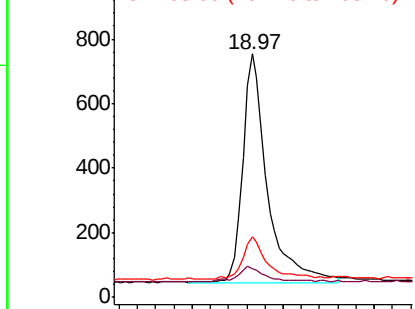
#28
 Fluoranthene
 Concen: 0.063 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BN011114.D
 Acq: 07 Jul 2020 14:09

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-06

Tot Ion:202 Resp: 1334
 Ion Ratio Lower Upper
 202 100
 101 7.6 6.3 9.5
 203 18.0 13.5 20.3

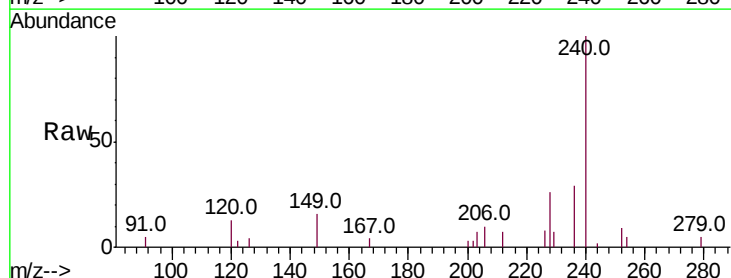


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

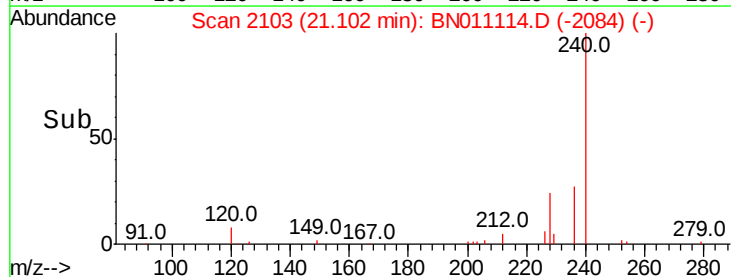
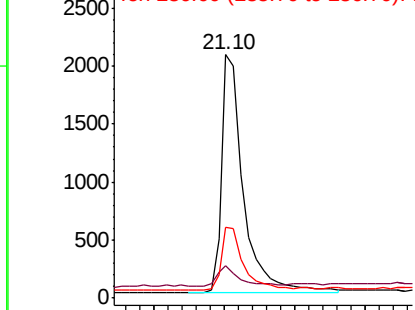


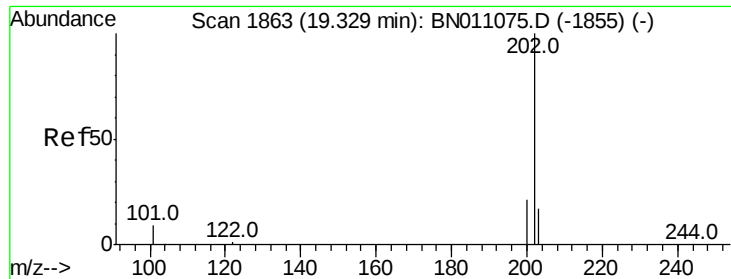
#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.10 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BN011114.D
 Acq: 07 Jul 2020 14:09

Tgt Ion:240 Resp: 4442
 Ion Ratio Lower Upper
 240 100
 120 13.1 6.5 9.7#
 236 29.3 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

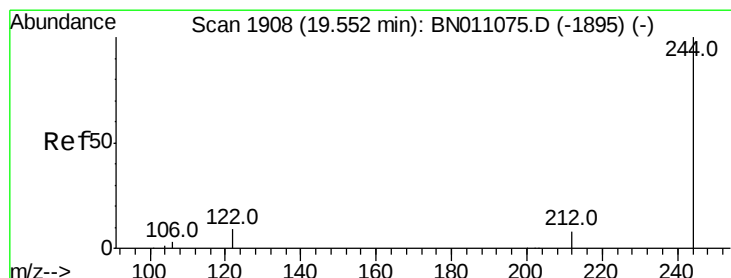
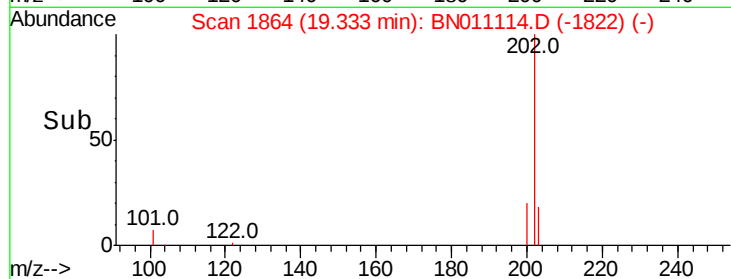
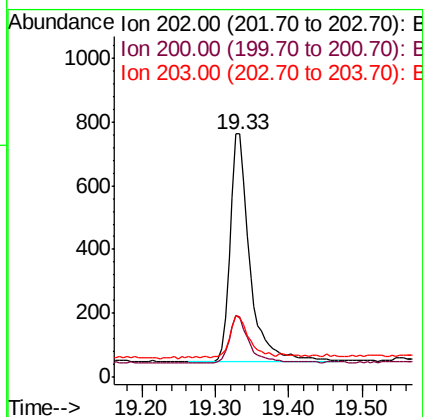
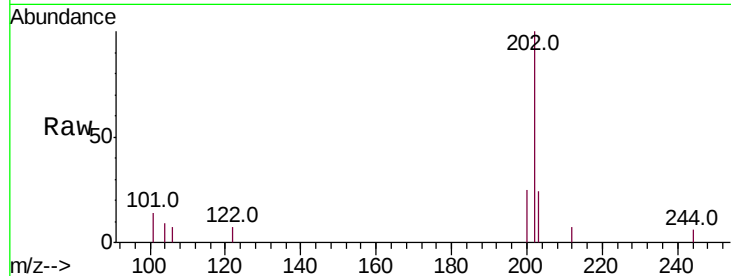




#30
Pvrene
Concen: 0.080 ng
RT: 19.33 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BN011114.D
Acq: 07 Jul 2020 14:09

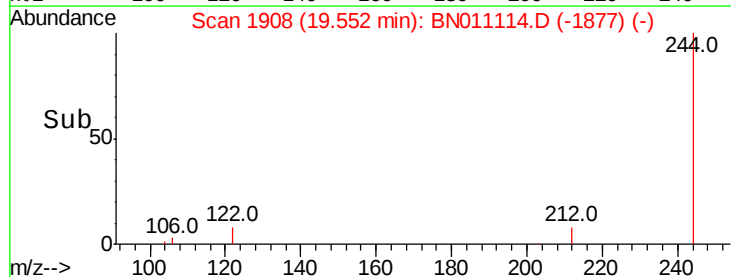
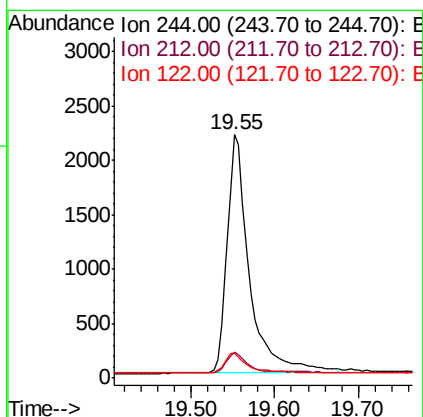
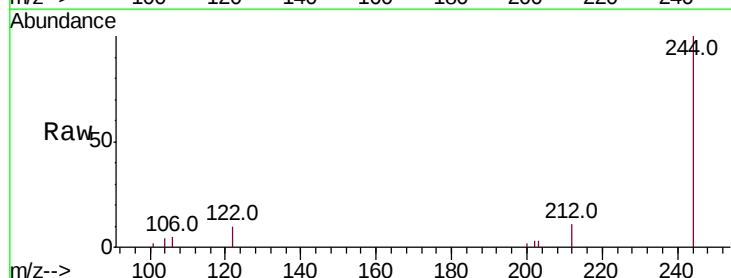
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-06

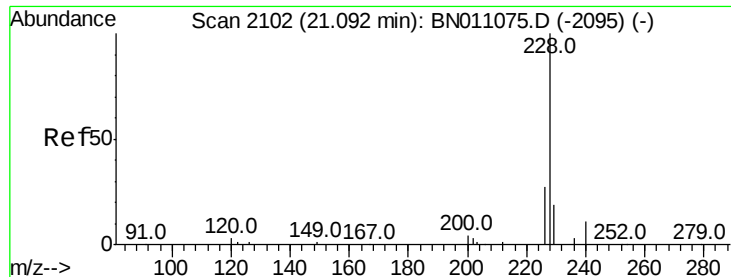
Tot Ion:202 Resp: 1333
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 18.3 14.2 21.4



#31
Terphenyl-d14
Concen: 0.354 ng
RT: 19.55 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BN011114.D
Acq: 07 Jul 2020 14:09

Tgt Ion:244 Resp: 4090
Ion Ratio Lower Upper
244 100
212 10.7 7.5 11.3
122 10.3 8.2 12.4





#32

Benzo(a)anthracene

Concen: 0.070 ng

RT: 21.10 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-06

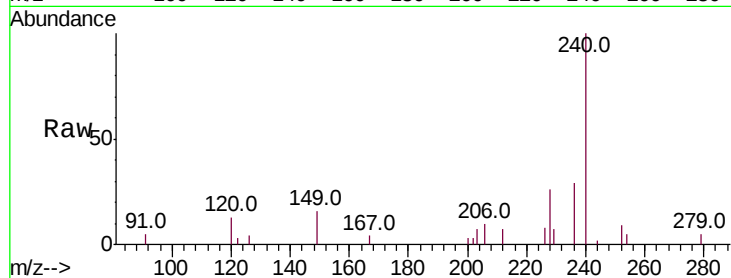
Tot Ion:228 Resp: 1032

Ion Ratio Lower Upper

228 100

226 32.8 22.0 33.0

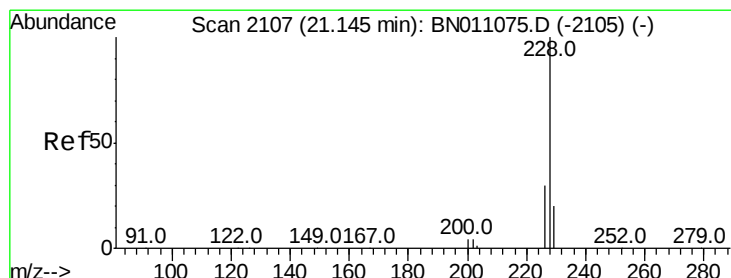
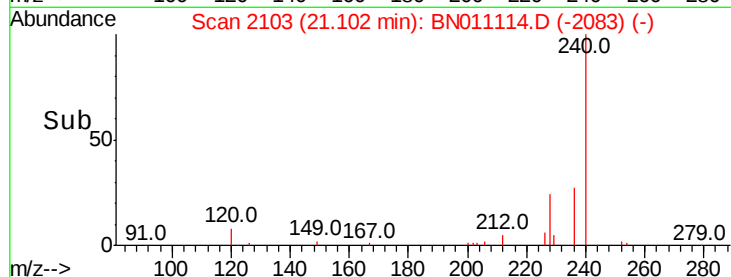
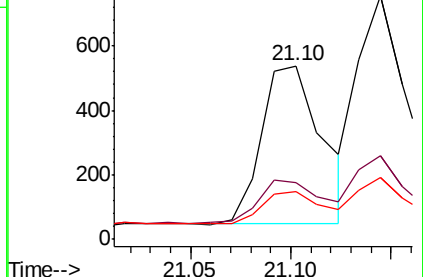
229 27.8 16.1 24.1#



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: 0.079 ng

RT: 21.14 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

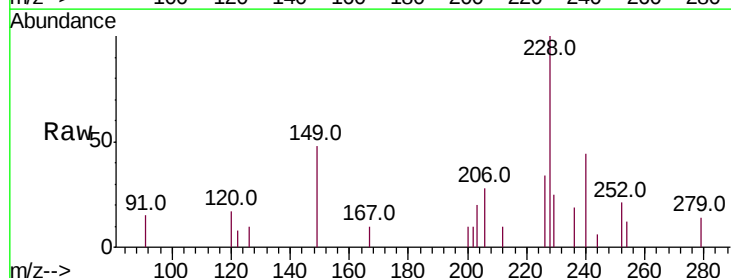
Tgt Ion:228 Resp: 1345

Ion Ratio Lower Upper

228 100

226 34.1 24.0 36.0

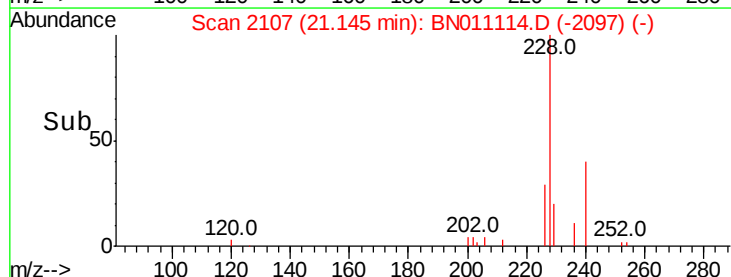
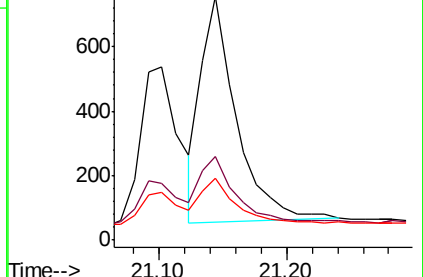
229 25.4 16.4 24.6#

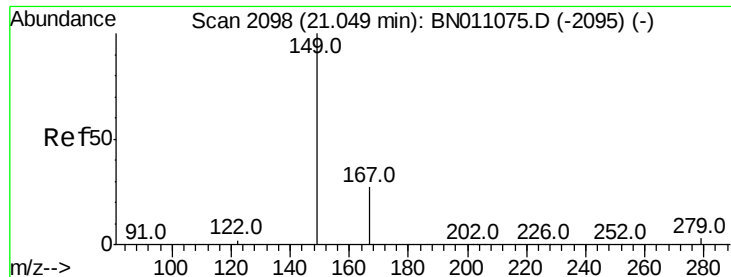


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.121 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-06

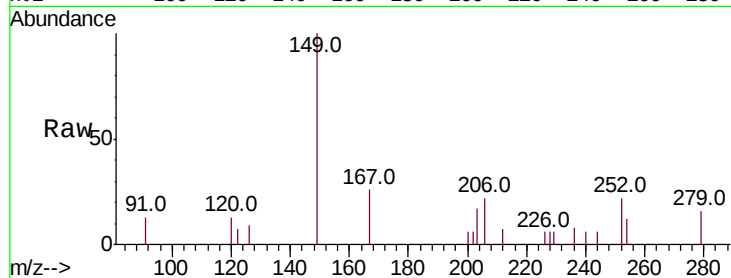
Tot Ion:149 Resp: 726

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

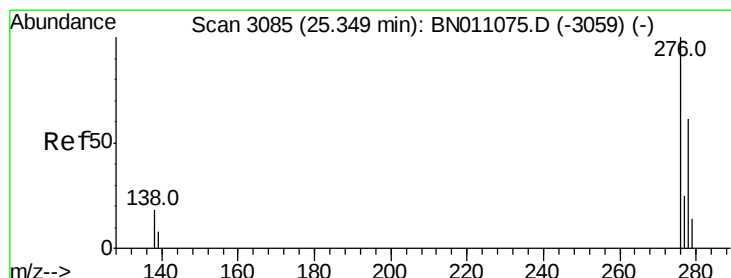
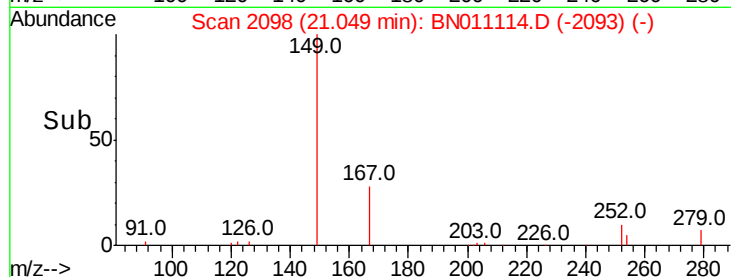
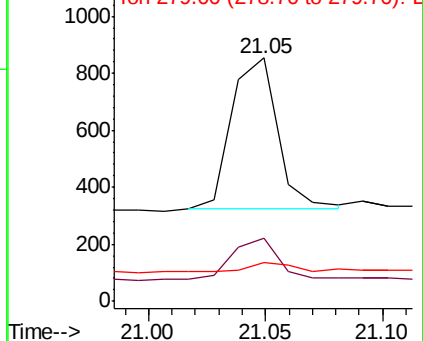
279 7.2 4.5 6.7#



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: 0.056 ng

RT: 25.37 min Scan# 3090

Delta R.T. 0.03 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

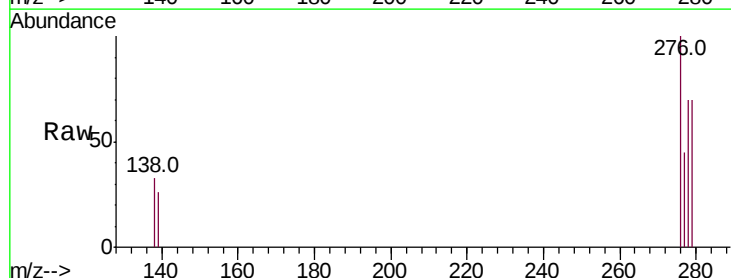
Tgt Ion:276 Resp: 1003

Ion Ratio Lower Upper

276 100

138 9.3 15.4 23.0#

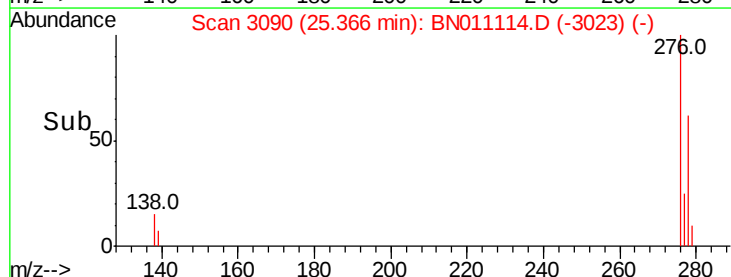
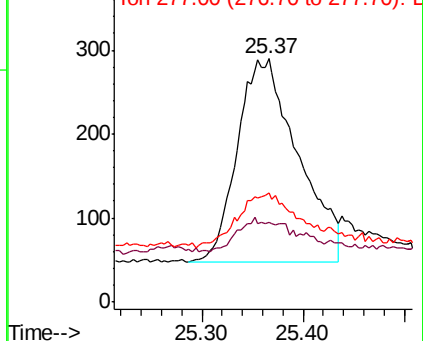
277 26.1 19.4 29.0

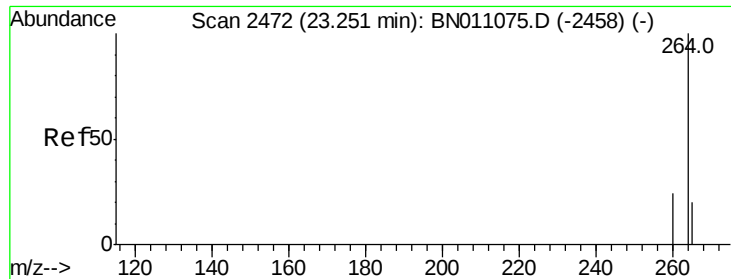


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

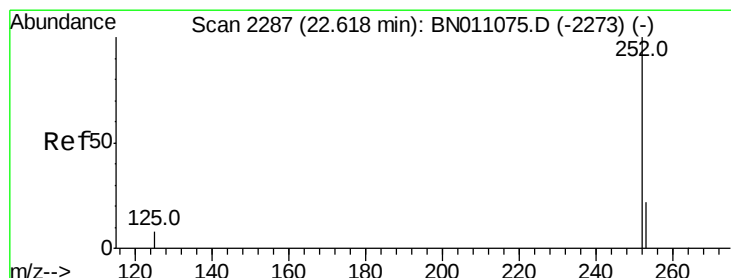
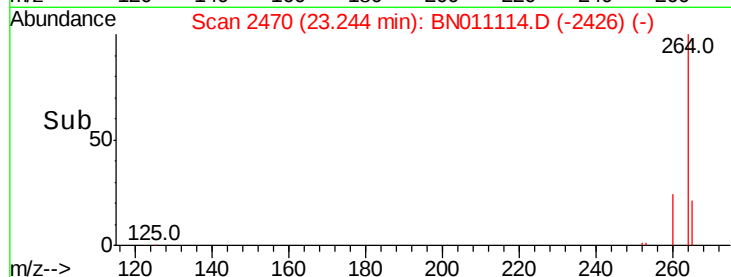
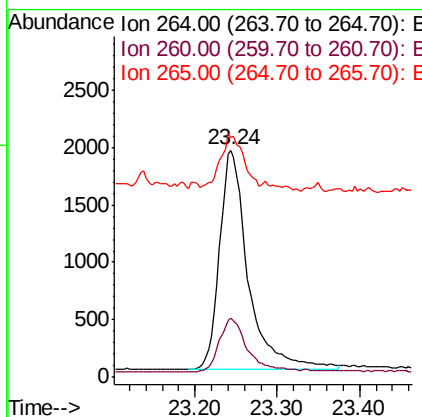
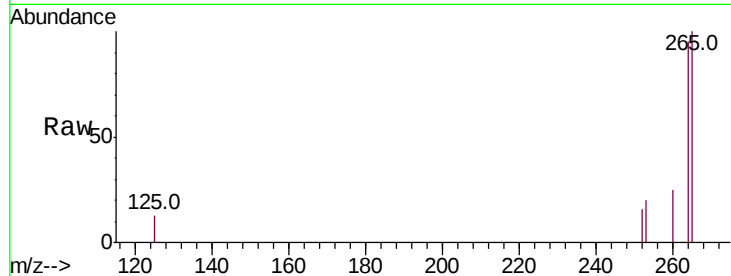




#36
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.24 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BN011114.D
 Acq: 07 Jul 2020 14:09

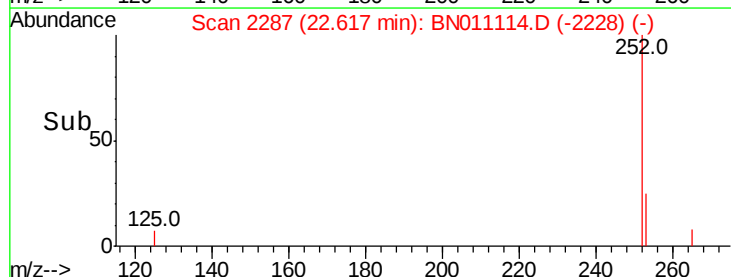
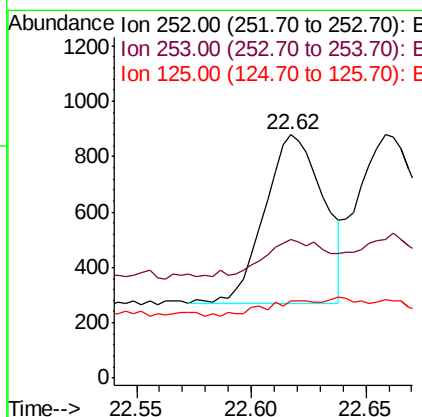
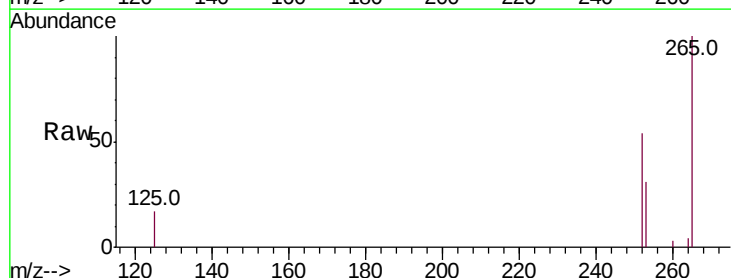
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-06

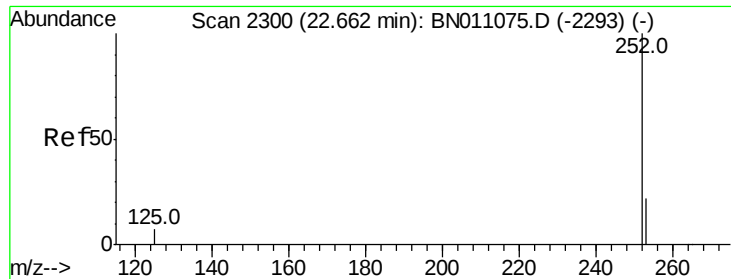
Tot Ion:264 Resp: 4615
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.4 30.6
 265 105.6 83.0 124.6



#37
 Benzo(b)fluoranthene
 Concen: 0.059 ng
 RT: 22.62 min Scan# 2287
 Delta R.T. 0.00 min
 Lab File: BN011114.D
 Acq: 07 Jul 2020 14:09

Tgt Ion:252 Resp: 1096
 Ion Ratio Lower Upper
 252 100
 253 57.1 22.7 34.1#
 125 31.5 10.4 15.6#





#38

Benzo(k)fluoranthene

Concen: 0.065 ng

RT: 22.66 min Scan# 2299

Delta R.T. 0.00 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-06

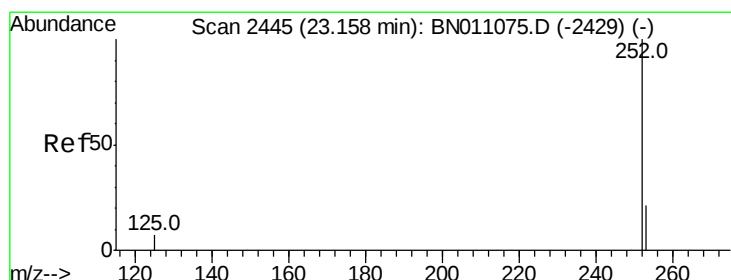
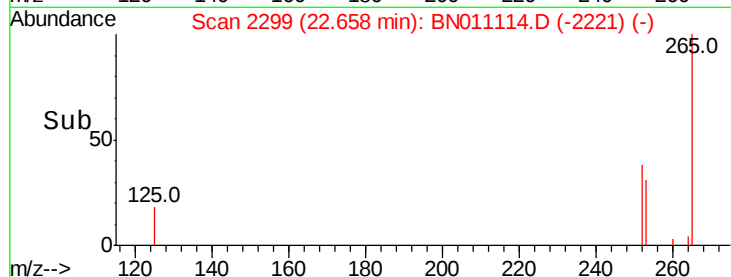
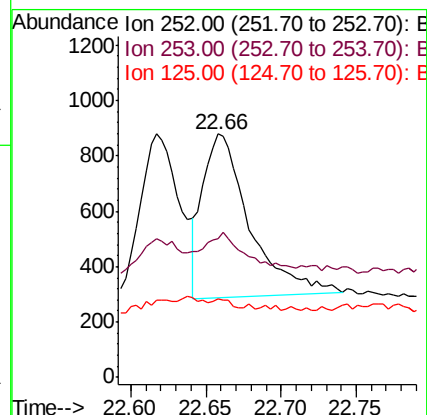
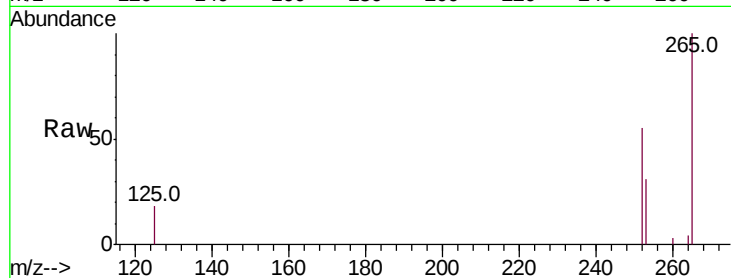
Tot Ion:252 Resp: 1291

Ion Ratio Lower Upper

252 100

253 57.0 22.9 34.3#

125 32.4 10.6 15.8#



#39

Benzo(a)pyrene

Concen: 0.066 ng

RT: 23.16 min Scan# 2446

Delta R.T. 0.01 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

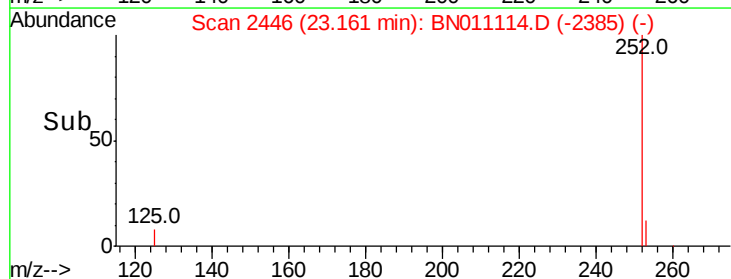
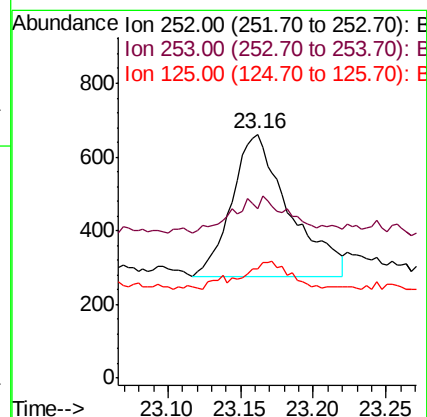
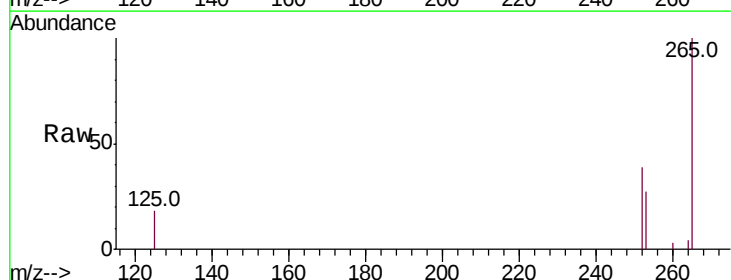
Tgt Ion:252 Resp: 1060

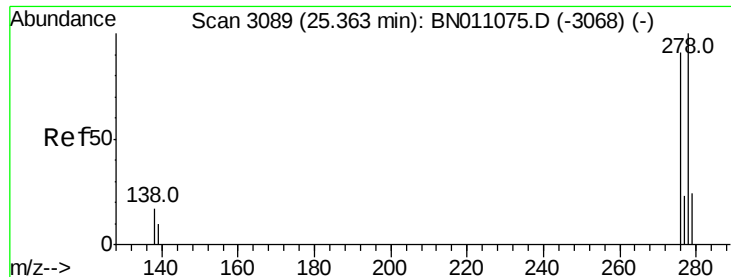
Ion Ratio Lower Upper

252 100

253 69.3 25.9 38.9#

125 44.6 12.5 18.7#





#40

Dibenzo(a,h)anthracene

Concen: 0.051 ng

RT: 25.38 min Scan# 3095

Delta R.T. 0.03 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-06

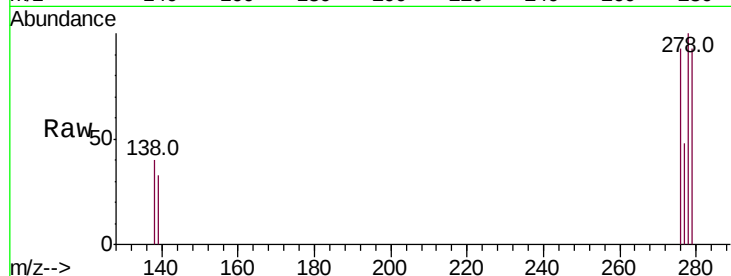
Tot Ion:278 Resp: 837

Ion Ratio Lower Upper

278 100

139 33.5 11.9 17.9#

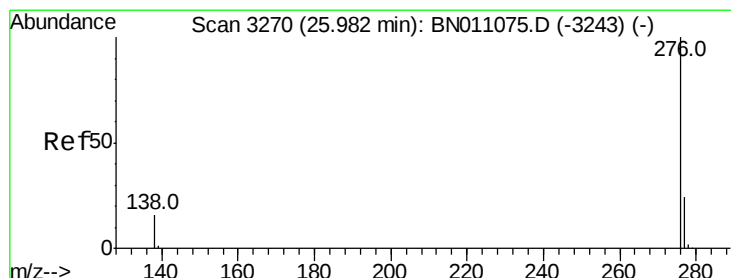
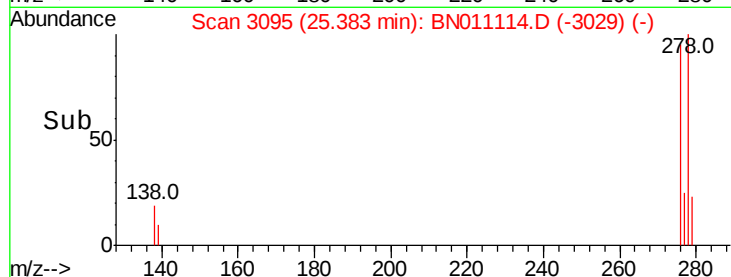
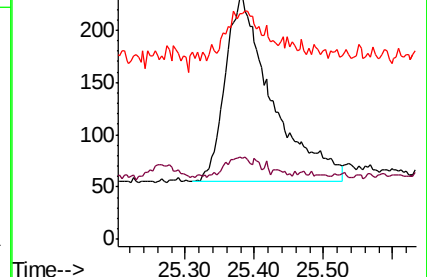
279 92.7 25.5 38.3#



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(g,h,i)perylene

Concen: 0.066 ng

RT: 25.98 min Scan# 3268

Delta R.T. 0.01 min

Lab File: BN011114.D

Acq: 07 Jul 2020 14:09

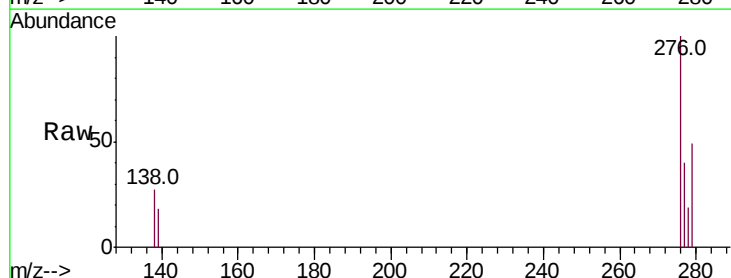
Tgt Ion:276 Resp: 1179

Ion Ratio Lower Upper

276 100

277 39.7 21.1 31.7#

138 27.0 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

