

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
 Data File : BN011092.D
 Acq On : 02 Jul 2020 18:54
 Operator : CG/JU
 Sample : L1955-09
 Misc : MDL-WTR--02
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-02

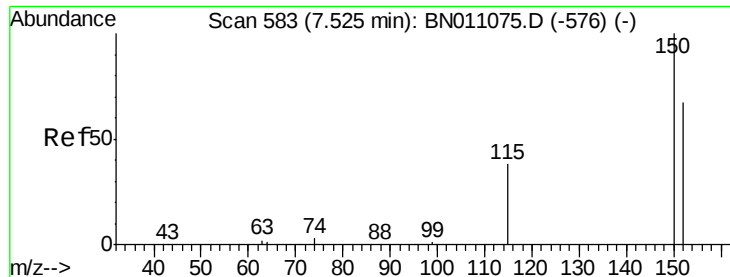
Quant Time: Jul 02 19:45:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 14:12:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1626	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	5205	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	2734	0.40	ng	0.01
19) Phenanthrene-d10	16.90	188	5544	0.40	ng	0.00
29) Chrysene-d12	21.11	240	4725	0.40	ng	0.00
36) Perylene-d12	23.25	264	4975	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1697	0.42	ng	0.00
5) Phenol-d6	6.73	99	1640	0.35	ng	0.00
8) Nitrobenzene-d5	8.67	82	1389	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	11.87	152	2919	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	407	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.77	172	4144	0.32	ng	0.01
27) Fluoranthene-d10	18.94	212	5706	0.34	ng	0.00
31) Terphenyl-d14	19.56	244	4677	0.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	246	0.107	ng	# 83
3) n-Nitrosodimethylamine	3.59	42	101	0.087	ng	# 1
6) bis(2-Chloroethyl)ether	6.97	93	424	0.100	ng	# 85
9) Naphthalene	10.32	128	1552	0.100	ng	# 86
10) Hexachlorobutadiene	10.61	225	372	0.094	ng	# 99
12) 2-Methylnaphthalene	11.95	142	937	0.090	ng	# 93
16) Acenaphthylene	13.85	152	1249	0.091	ng	100
17) Acenaphthene	14.21	154	815	0.088	ng	95
18) Fluorene	15.21	166	1039	0.090	ng	97
20) 4,6-Dinitro-2-methylphenol	15.24	198	2	0.003	ng	# 9
21) 4-Bromophenyl-phenylether	16.11	248	258	0.070	ng	91
22) Hexachlorobenzene	16.20	284	388	0.089	ng	96
23) Atrazine	16.40	200	257	0.099	ng	# 71
24) Pentachlorophenol	16.57	266	225	0.192	ng	98
25) Phenanthrene	16.93	178	1576	0.088	ng	100
26) Anthracene	17.04	178	1269	0.085	ng	97
28) Fluoranthene	18.97	202	1822	0.090	ng	99
30) Pyrene	19.33	202	1891	0.107	ng	99
32) Benzo(a)anthracene	21.09	228	1431	0.091	ng	# 89
33) Chrysene	21.14	228	1837	0.101	ng	94
34) Bis(2-ethylhexyl)phthalate	21.05	149	967	0.151	ng	# 95
35) Indeno(1,2,3-cd)pyrene	25.36	276	1855	0.098	ng	# 94
37) Benzo(b)fluoranthene	22.62	252	1612	0.081	ng	# 60
38) Benzo(k)fluoranthene	22.66	252	1912	0.090	ng	# 58
39) Benzo(a)pyrene	23.16	252	1406	0.082	ng	# 40
40) Dibenzo(a,h)anthracene	25.38	278	1347	0.076	ng	# 45
41) Benzo(g,h,i)perylene	25.98	276	1723	0.089	ng	# 84

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

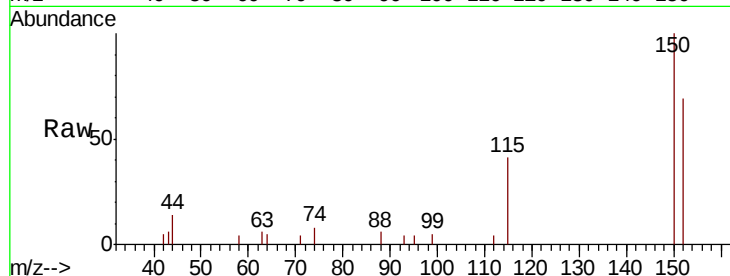


#1

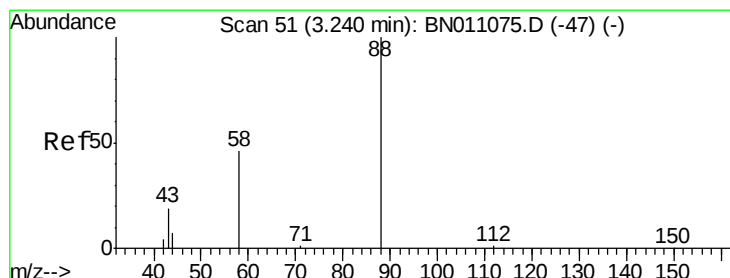
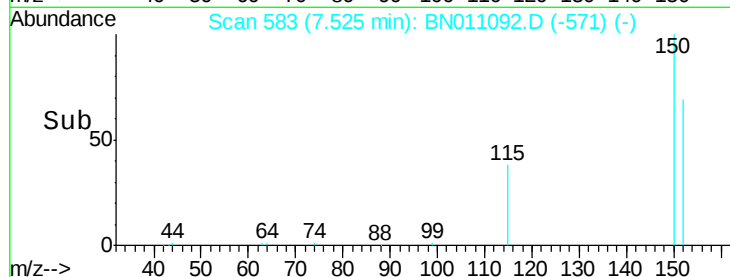
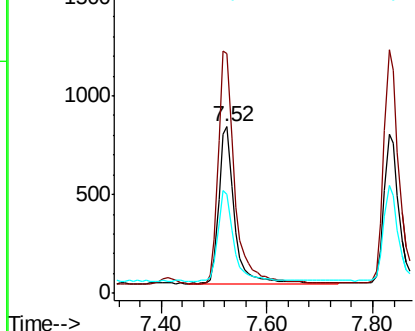
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BN011092.D
Acq: 02 Jul 2020 18:54

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-02

Tot Ion:152 Resp: 1626
Ion Ratio Lower Upper
152 100
150 144.5 117.4 176.0
115 59.3 47.9 71.9



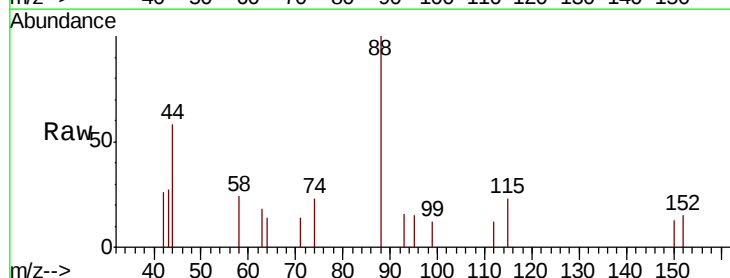
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



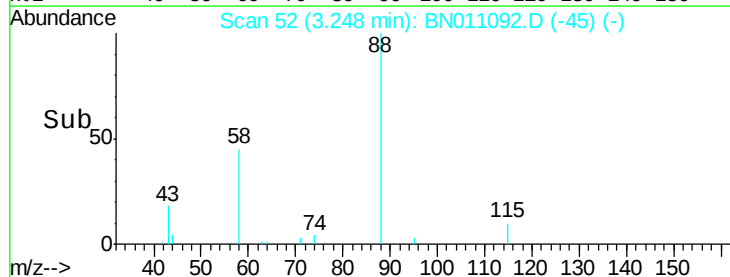
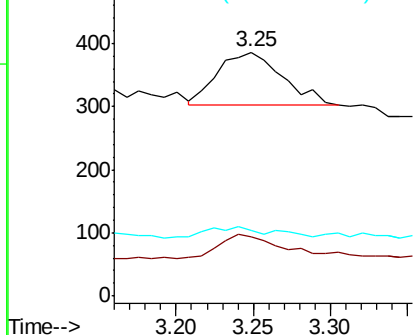
#2

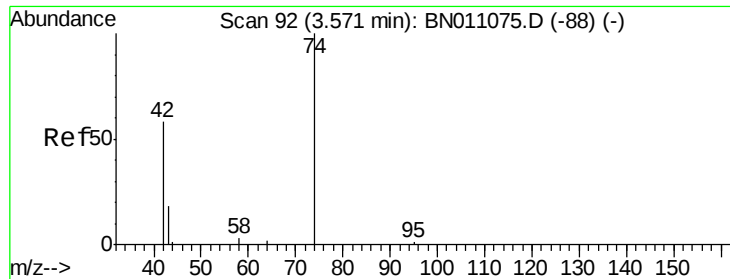
1,4-Dioxane
Concen: 0.107 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.01 min
Lab File: BN011092.D
Acq: 02 Jul 2020 18:54

Tgt Ion: 88 Resp: 246
Ion Ratio Lower Upper
88 100
58 36.6 38.6 57.8#
43 12.2 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



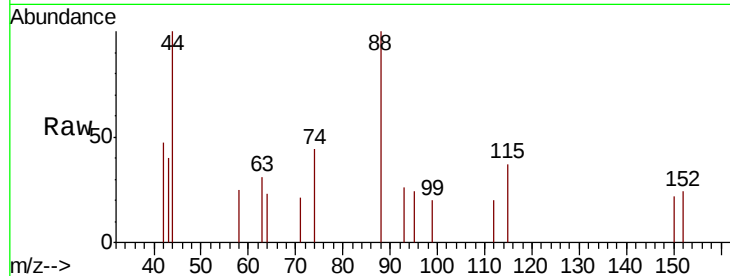


#3

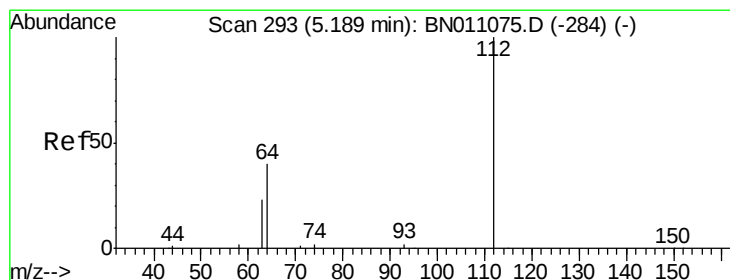
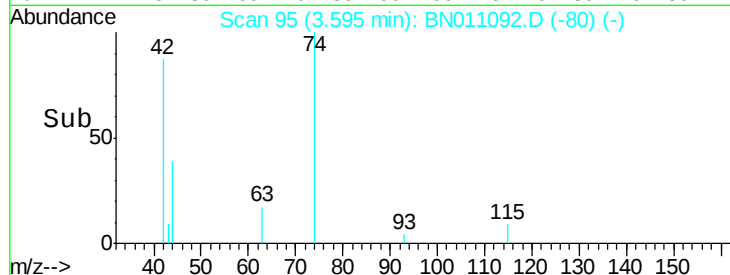
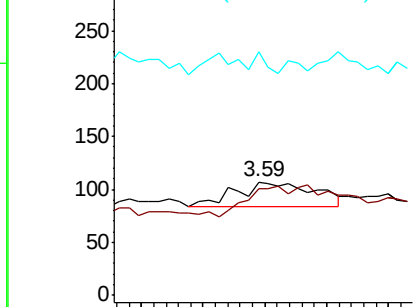
n-Nitrosodimethylamine
 Concen: 0.087 ng
 RT: 3.59 min Scan# 95
 Delta R.T. 0.02 min
 Lab File: BN011092.D
 Acq: 02 Jul 2020 18:54

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-02

Tot Ion: 42 Resp: 101
 Ion Ratio Lower Upper
 42 100
 74 0.0 142.5 213.7#
 44 0.0 0.0 0.0



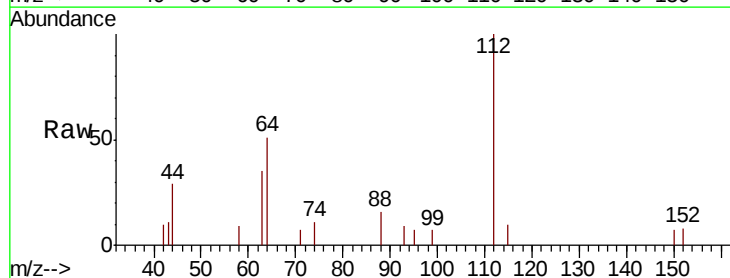
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



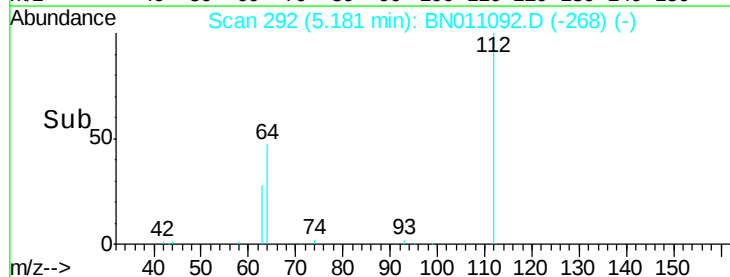
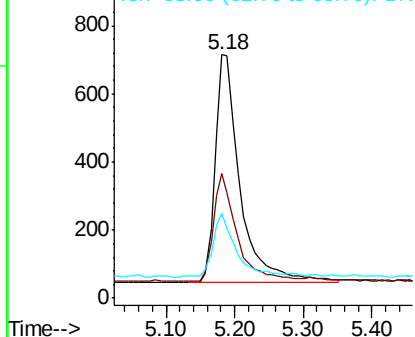
#4

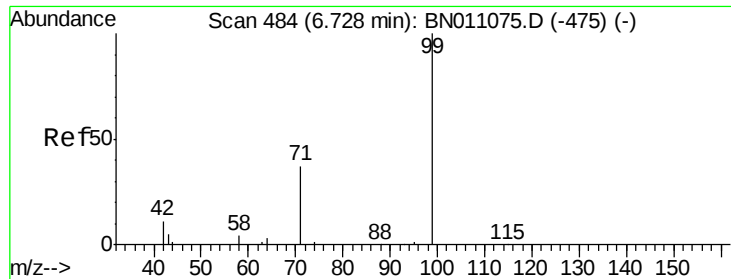
2-Fluorophenol
 Concen: 0.419 ng
 RT: 5.18 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: BN011092.D
 Acq: 02 Jul 2020 18:54

Tgt Ion: 112 Resp: 1697
 Ion Ratio Lower Upper
 112 100
 64 44.7 36.5 54.7
 63 26.3 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: 0.353 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02

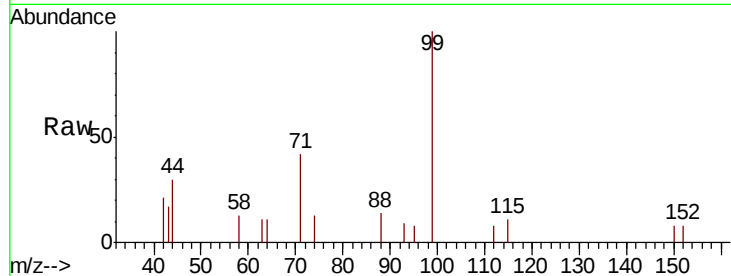
Tot Ion: 99 Resp: 1640

Ion Ratio Lower Upper

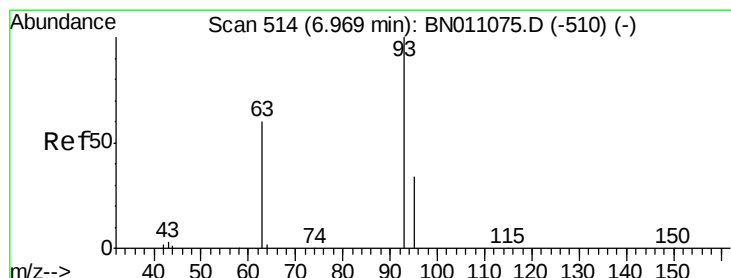
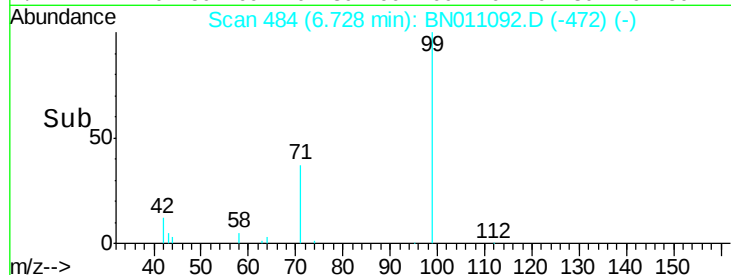
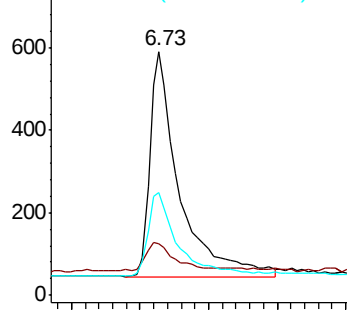
99 100

42 11.7 9.8 14.8

71 37.8 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011092.D (-472) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.100 ng

RT: 6.97 min Scan# 514

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

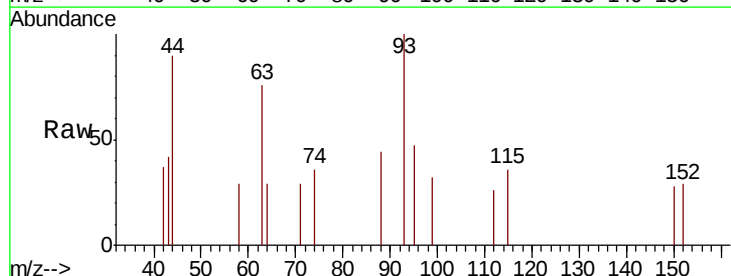
Tgt Ion: 93 Resp: 424

Ion Ratio Lower Upper

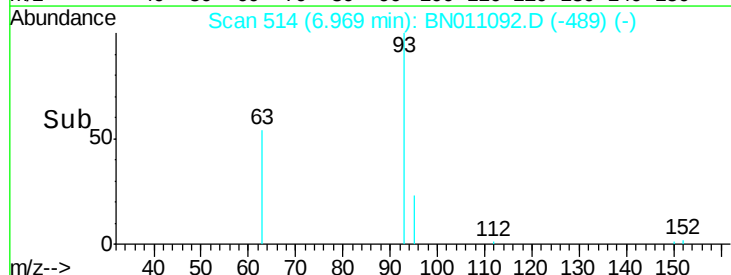
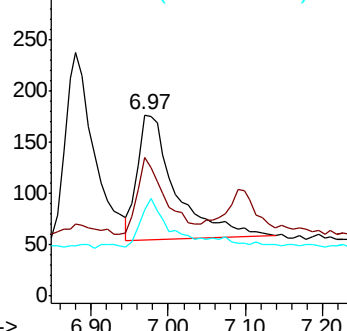
93 100

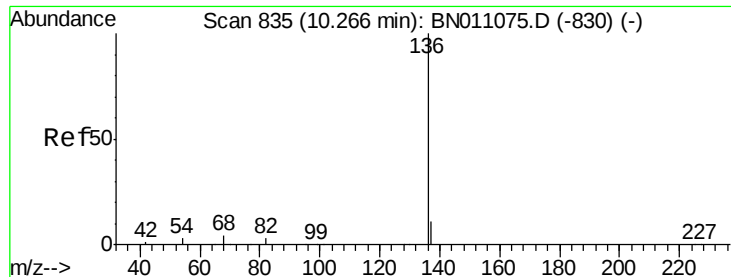
63 44.6 47.4 71.2#

95 28.5 26.4 39.6



Abundance Ion 93.00 (92.70 to 93.70): BN011092.D (-489) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02

Tot Ion:136 Resp: 5205

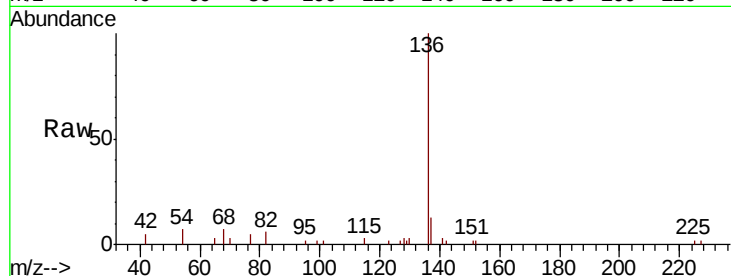
Ion Ratio Lower Upper

136 100

137 12.9 9.6 14.4

54 6.6 3.8 5.6#

68 6.9 4.3 6.5#

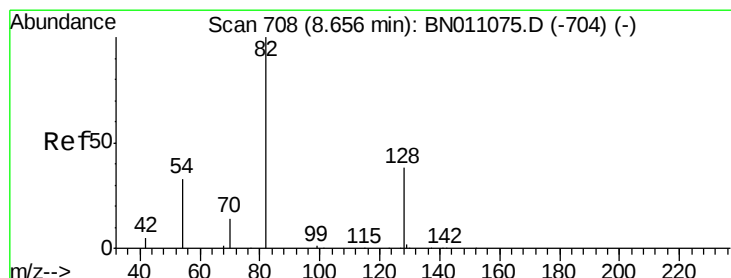
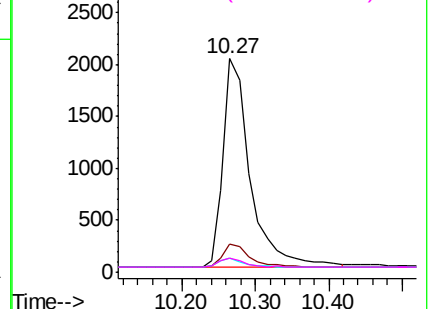
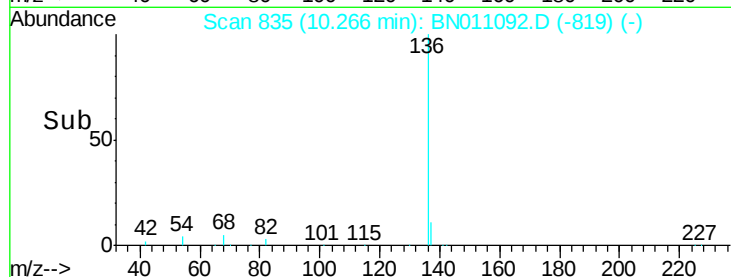


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.314 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.01 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

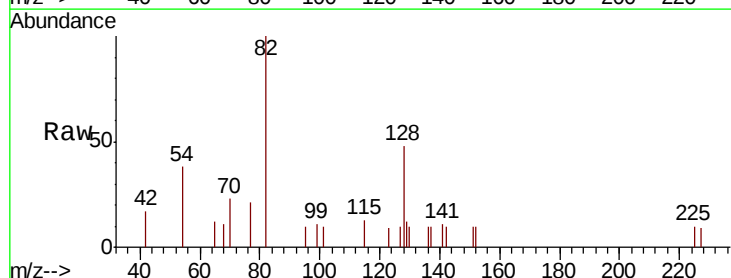
Tgt Ion: 82 Resp: 1389

Ion Ratio Lower Upper

82 100

128 48.1 34.2 51.2

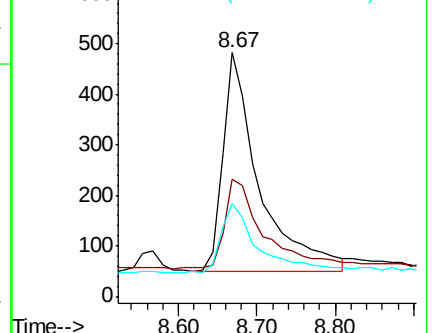
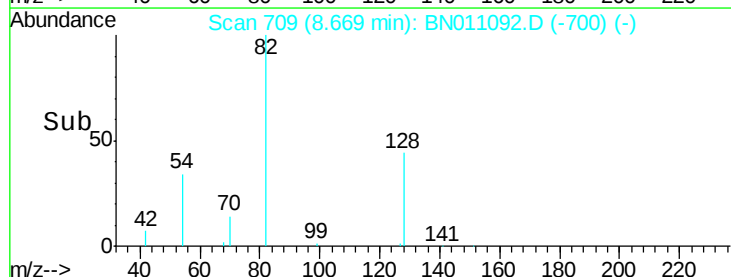
54 38.0 29.4 44.0

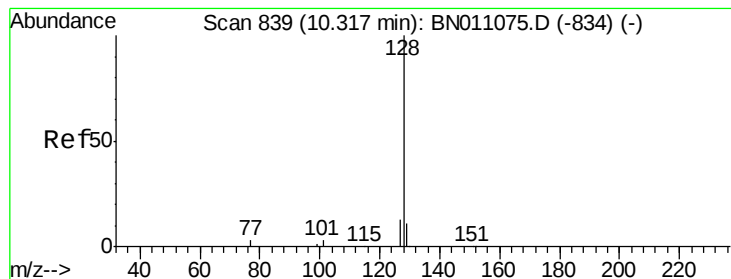


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.100 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02

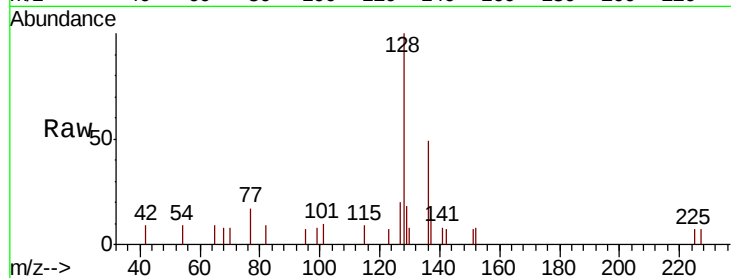
Tot Ion:128 Resp: 1552

Ion Ratio Lower Upper

128 100

129 18.1 9.8 14.8#

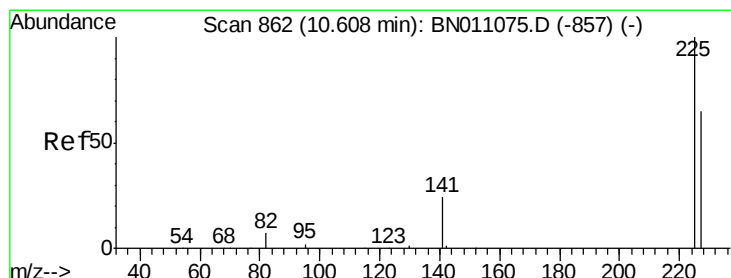
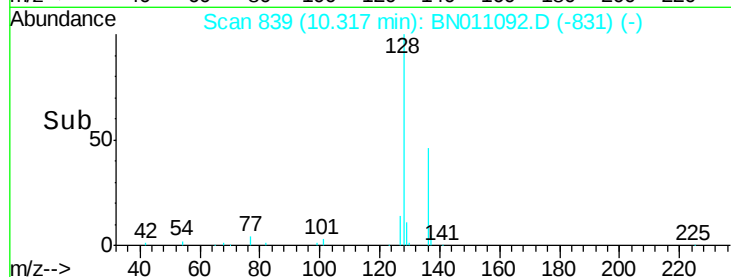
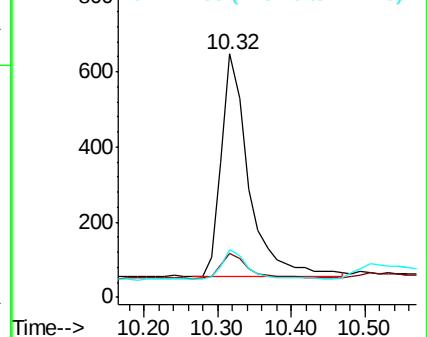
127 19.9 11.3 16.9#



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: 0.094 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

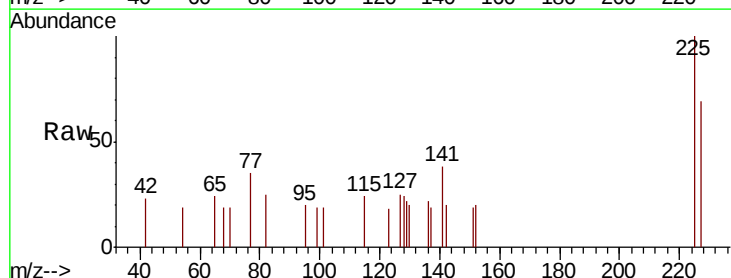
Tgt Ion:225 Resp: 372

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

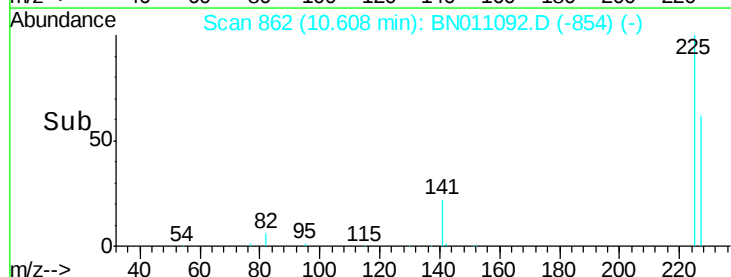
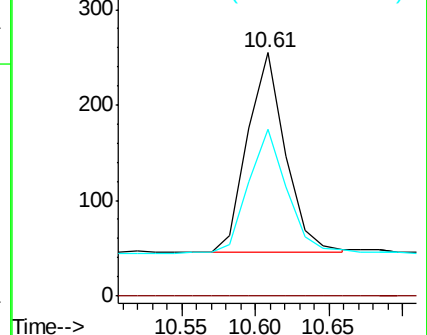
227 63.4 51.4 77.2

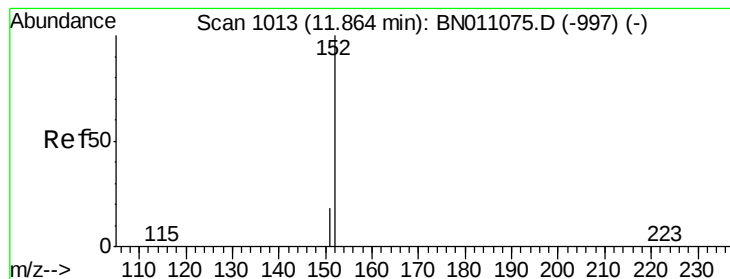


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.324 ng

RT: 11.87 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

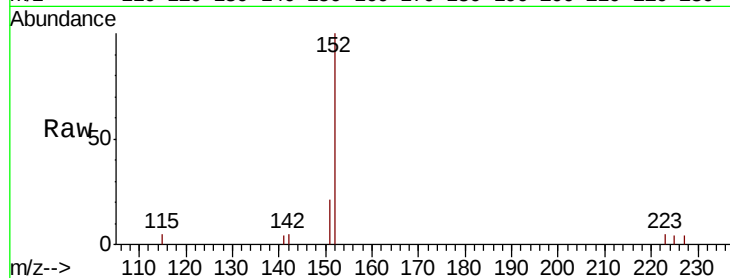
MDL-WATER-02

Tot Ion:152 Resp: 2919

Ion Ratio Lower Upper

152 100

151 18.7 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

1200

1000

800

600

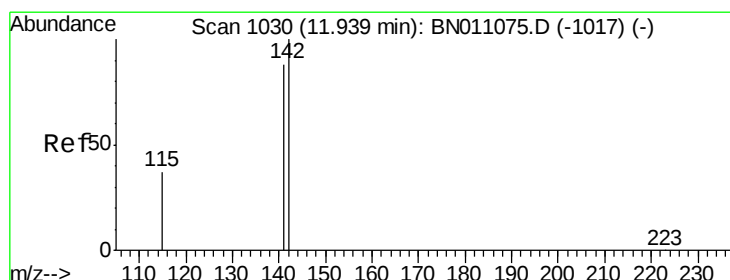
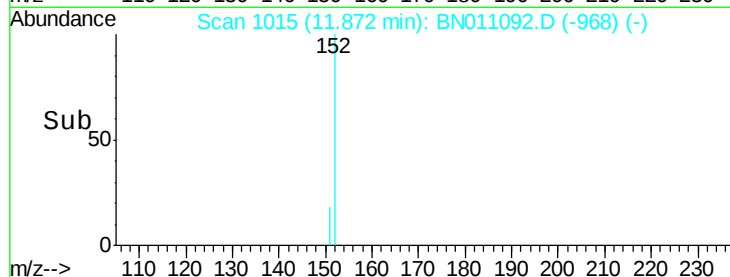
400

200

0

11.80 11.90 12.00

Time-->



#12

2-Methylnaphthalene

Concen: 0.090 ng

RT: 11.95 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

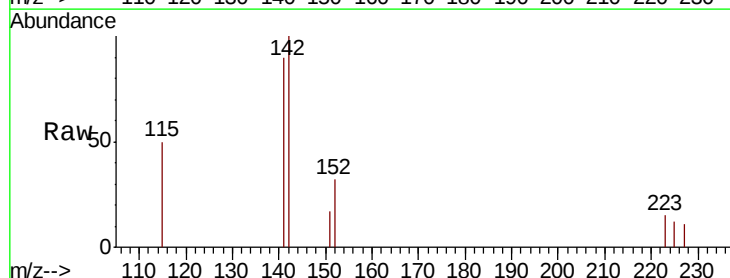
Tgt Ion:142 Resp: 937

Ion Ratio Lower Upper

142 100

141 89.8 70.3 105.5

115 49.6 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

11.95

500

400

300

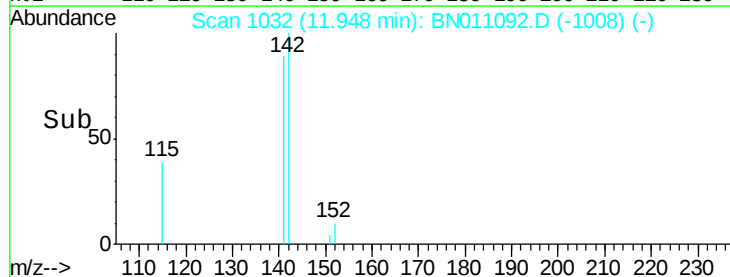
200

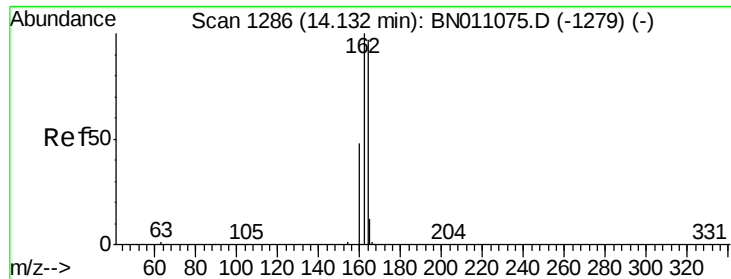
100

0

11.90 12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02

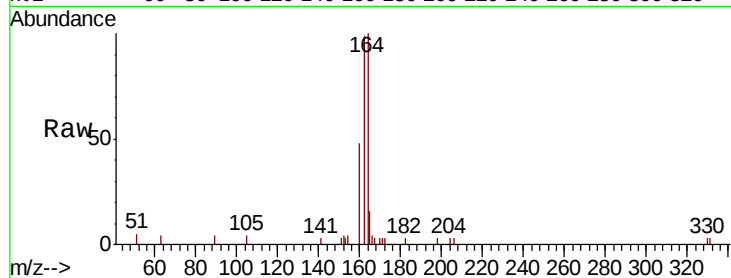
Tot Ion:164 Resp: 2734

Ion Ratio Lower Upper

164 100

162 99.2 82.3 123.5

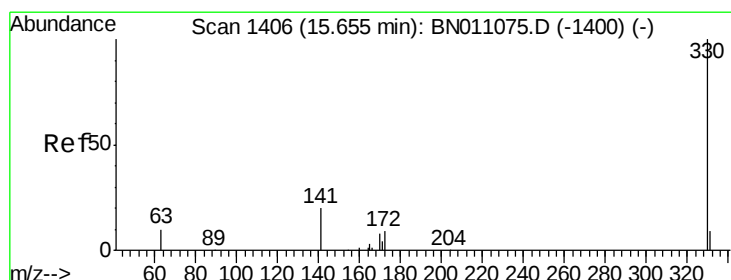
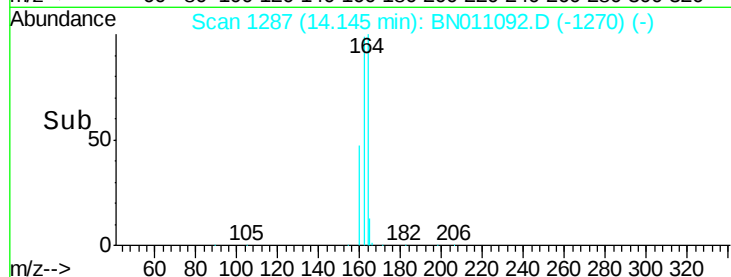
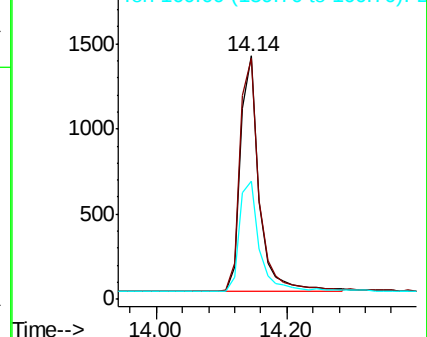
160 48.4 40.6 61.0



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: 0.354 ng

RT: 15.65 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

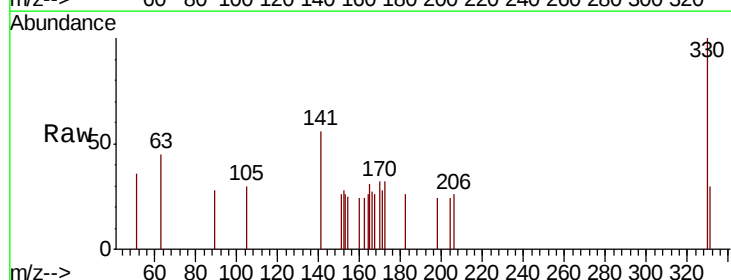
Tgt Ion:330 Resp: 407

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

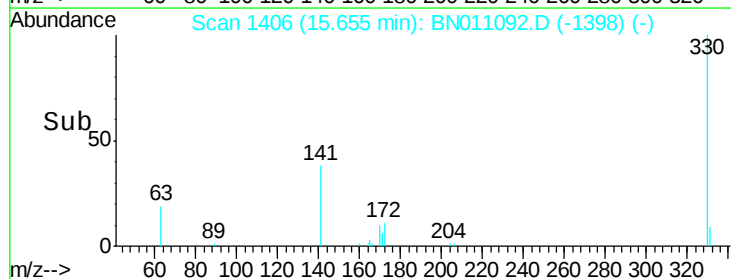
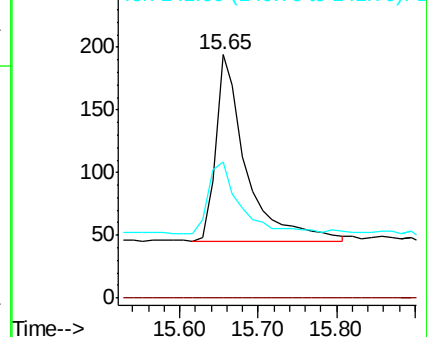
141 39.8 32.6 49.0

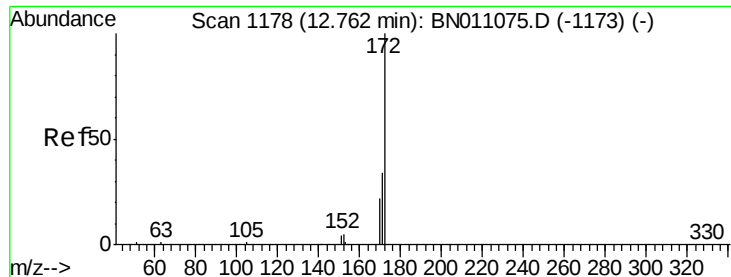


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

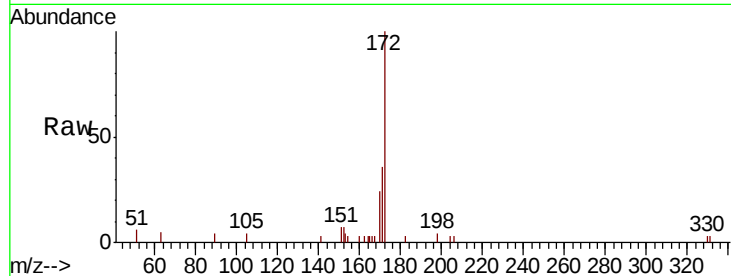




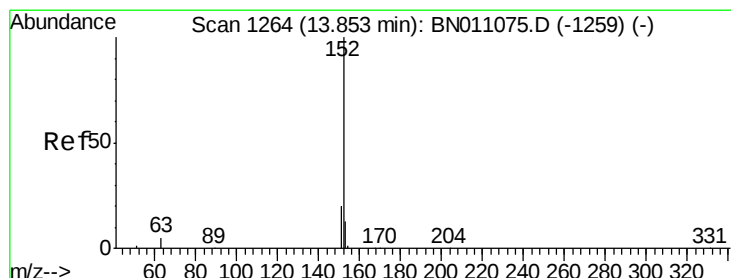
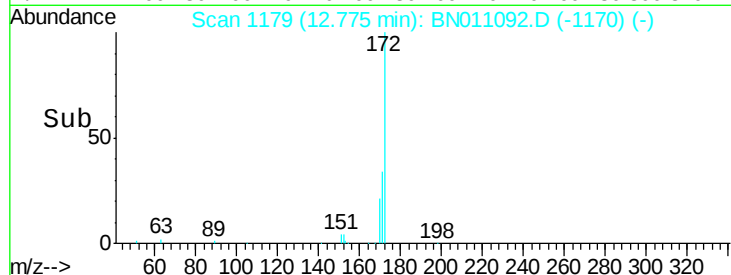
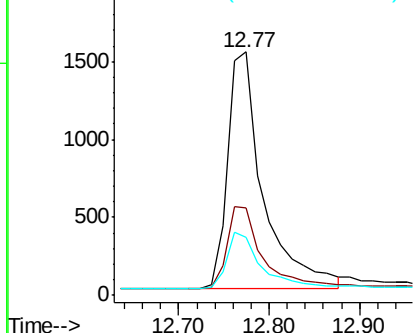
#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BN011092.D
Acq: 02 Jul 2020 18:54

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-02

Tot Ion:172 Resp: 4144
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.7 18.7 28.1

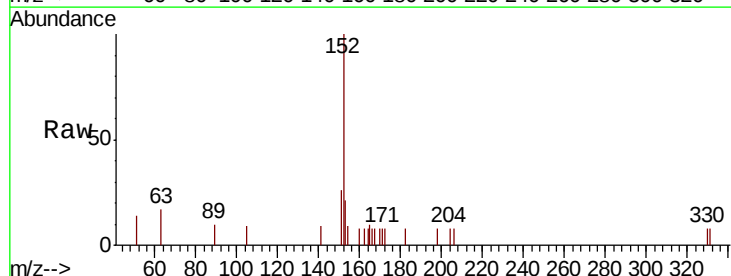


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

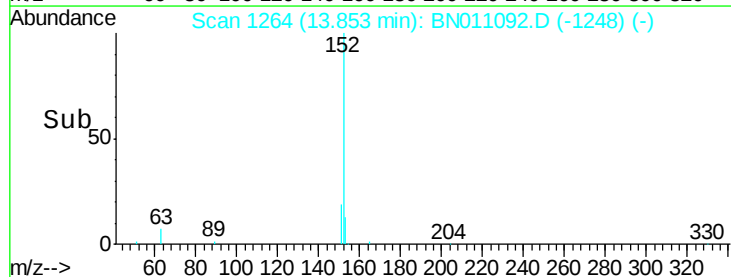
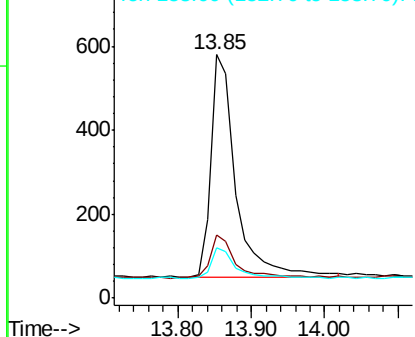


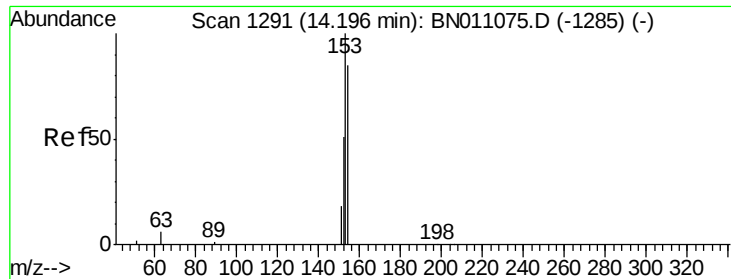
#16
Acenaphthylene
Concen: 0.091 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011092.D
Acq: 02 Jul 2020 18:54

Tgt Ion:152 Resp: 1249
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.3 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: 0.088 ng

RT: 14.21 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02

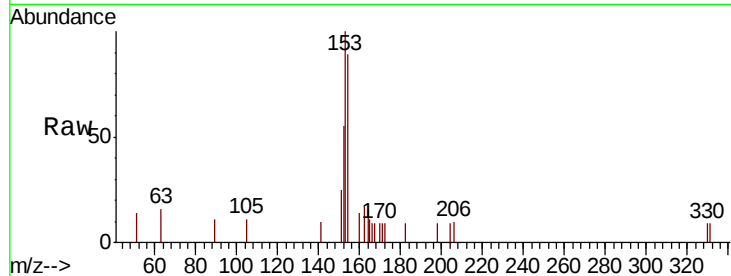
Tot Ion:154 Resp: 815

Ion Ratio Lower Upper

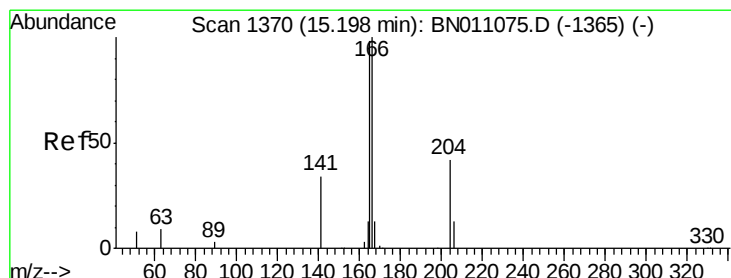
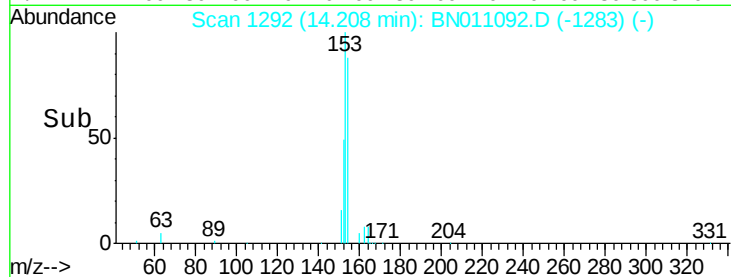
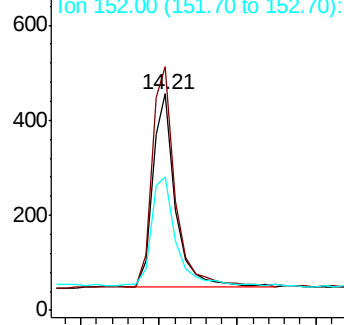
154 100

153 120.0 91.7 137.5

152 62.0 46.8 70.2



Abundance Ion 154.00 (153.70 to 154.70): E



#18

Fluorene

Concen: 0.090 ng

RT: 15.21 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

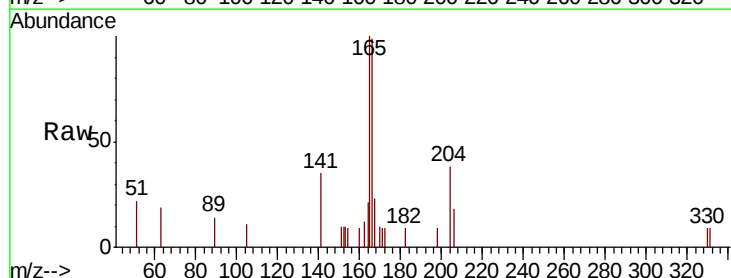
Tgt Ion:166 Resp: 1039

Ion Ratio Lower Upper

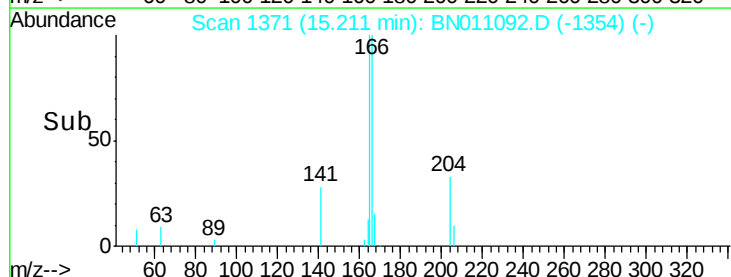
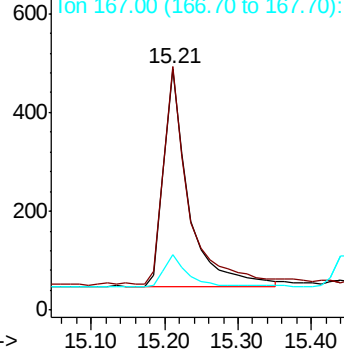
166 100

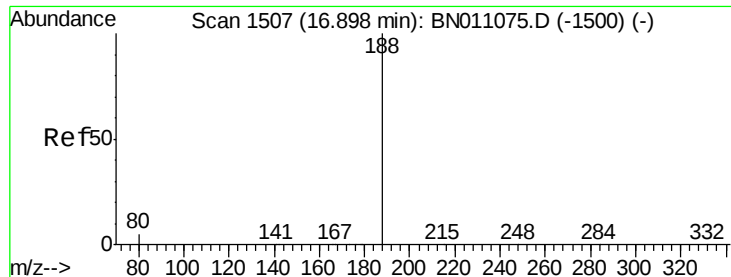
165 101.4 78.9 118.3

167 15.4 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02

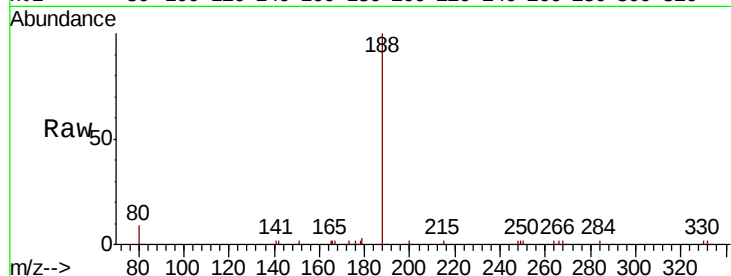
Tot Ion:188 Resp: 5544

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 5.3 7.9#



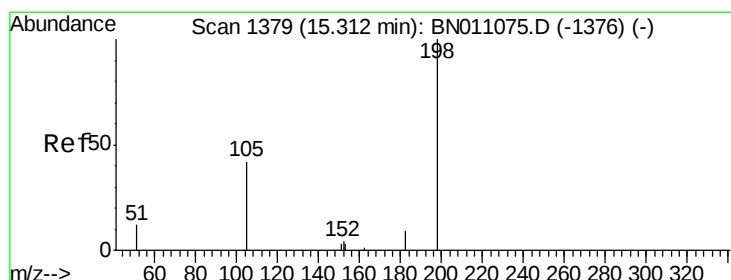
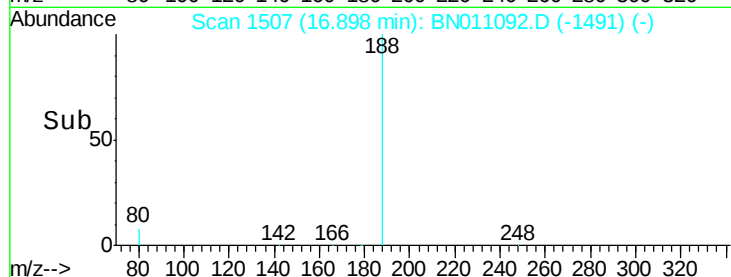
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

16.90

Time-->



#20

4,6-Dinitro-2-methylphenol

Concen: 0.003 ng

RT: 15.24 min Scan# 1373

Delta R.T. -0.08 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

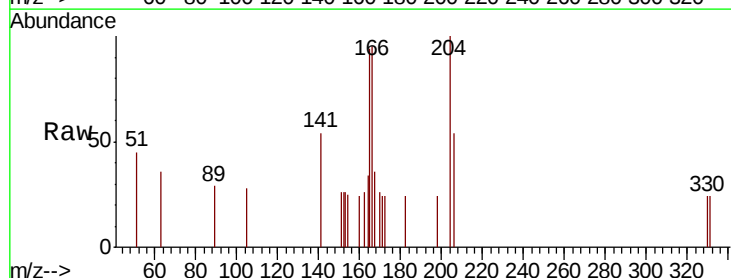
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 184.8 58.2 87.4#

105 115.2 59.0 88.4#



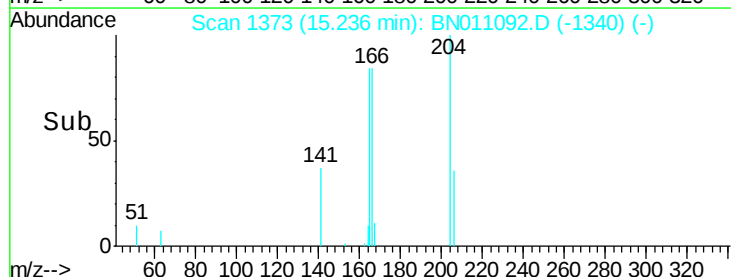
Abundance Ion 198.00 (197.70 to 198.70): E

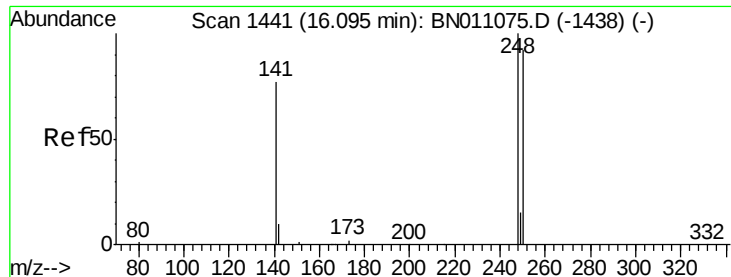
Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

15.24

Time-->

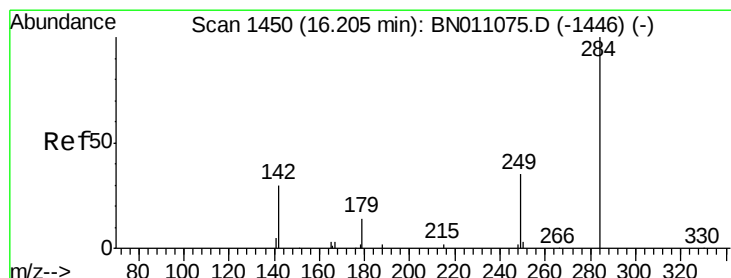
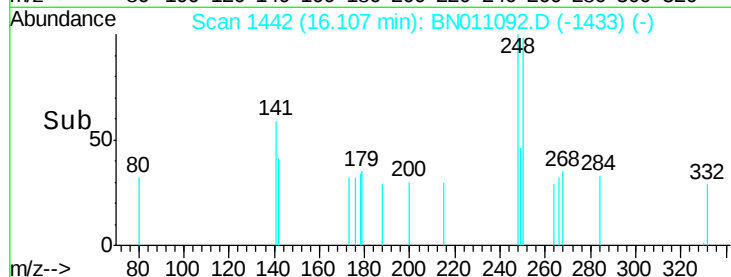
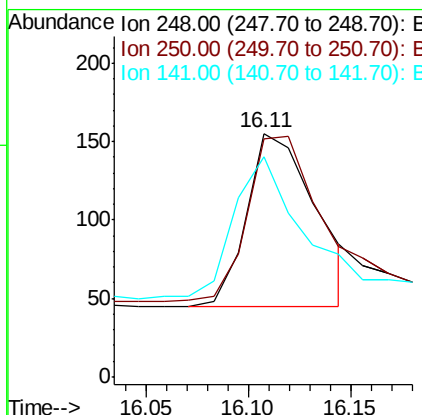
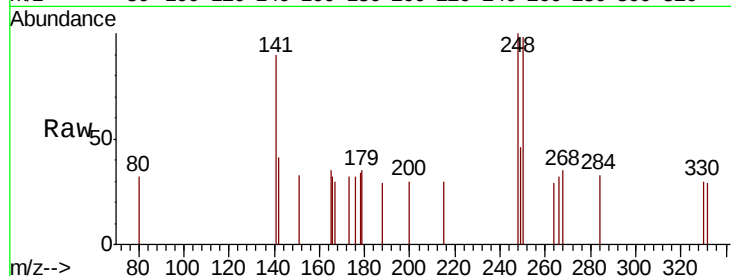




#21
4-Bromophenyl-phenylether
Concen: 0.070 ng
RT: 16.11 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN011092.D
Acq: 02 Jul 2020 18:54

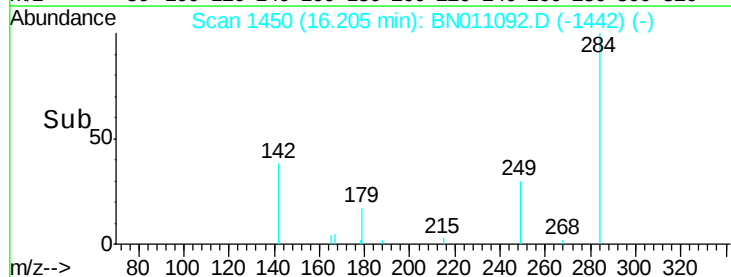
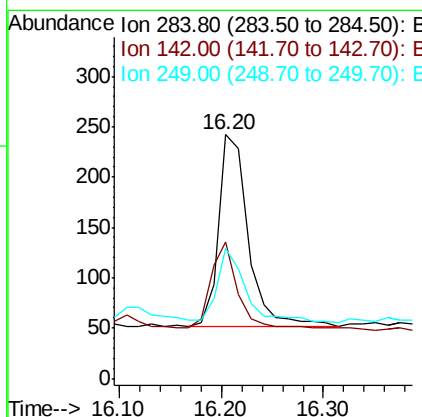
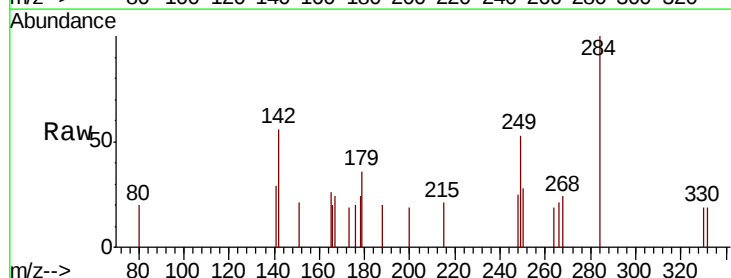
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-02

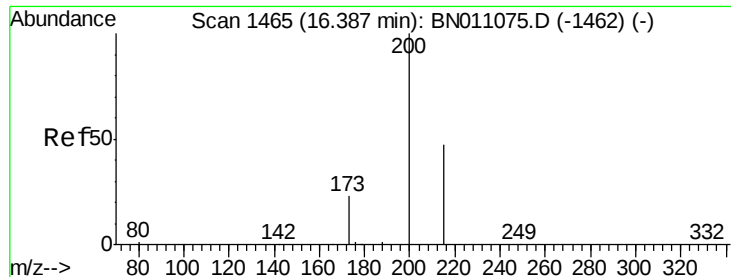
Tot Ion:248 Resp: 258
Ion Ratio Lower Upper
248 100
250 98.1 73.8 110.8
141 90.3 63.1 94.7



#22
Hexachlorobenzene
Concen: 0.089 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011092.D
Acq: 02 Jul 2020 18:54

Tgt Ion:284 Resp: 388
Ion Ratio Lower Upper
284 100
142 44.3 33.3 49.9
249 36.1 27.4 41.2





#23

Atrazine

Concen: 0.099 ng

RT: 16.40 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02

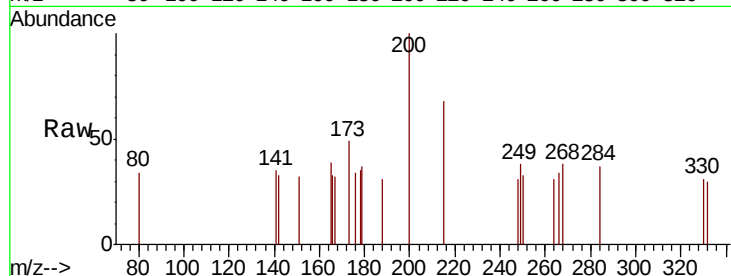
Tot Ion:200 Resp: 257

Ion Ratio Lower Upper

200 100

173 49.0 22.8 34.2#

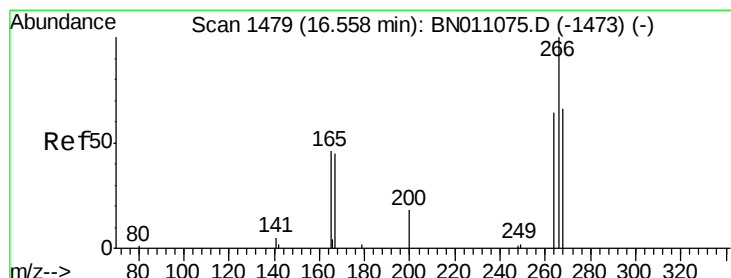
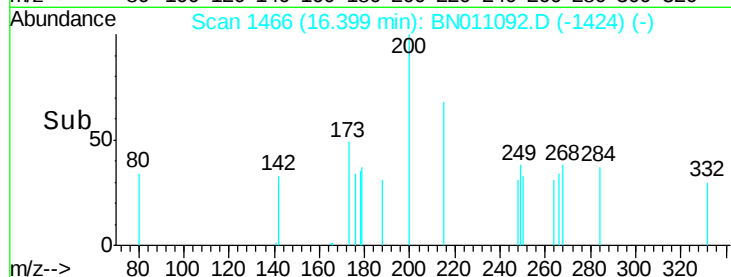
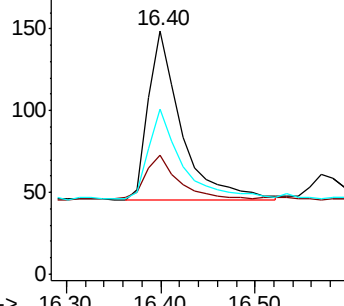
215 67.8 40.7 61.1#



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: 0.192 ng

RT: 16.57 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

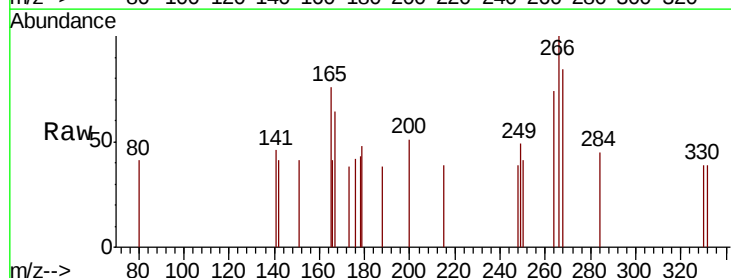
Tgt Ion:266 Resp: 225

Ion Ratio Lower Upper

266 100

264 60.4 47.4 71.0

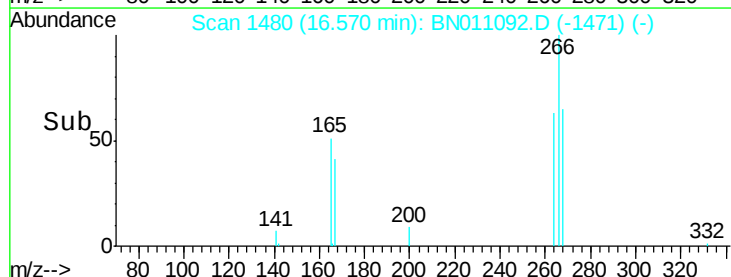
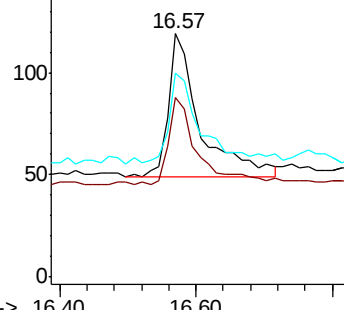
268 70.2 55.0 82.4

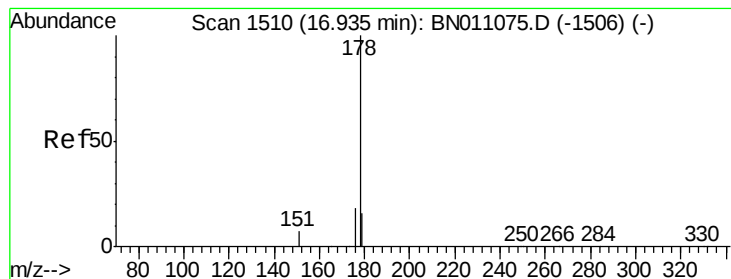


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.088 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02

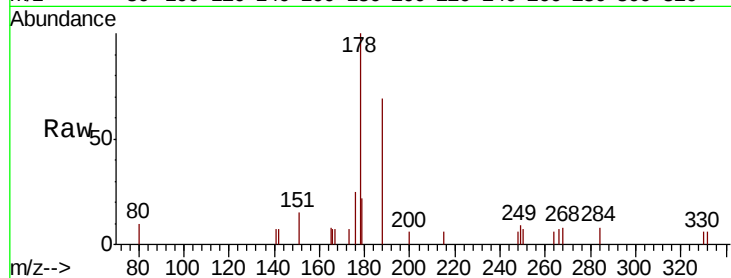
Tot Ion:178 Resp: 1576

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

179 15.8 12.5 18.7



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

16.93

800

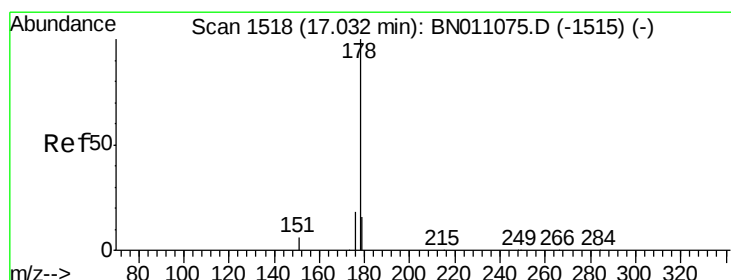
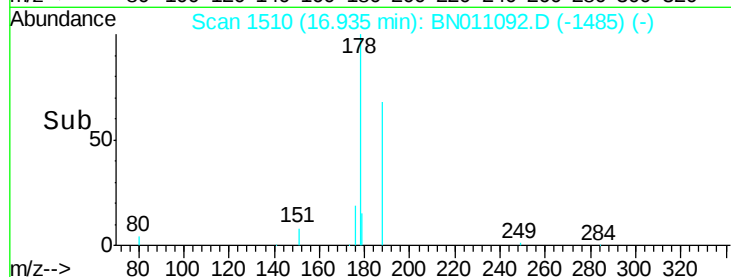
600

400

200

0

Time-->



#26

Anthracene

Concen: 0.085 ng

RT: 17.04 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

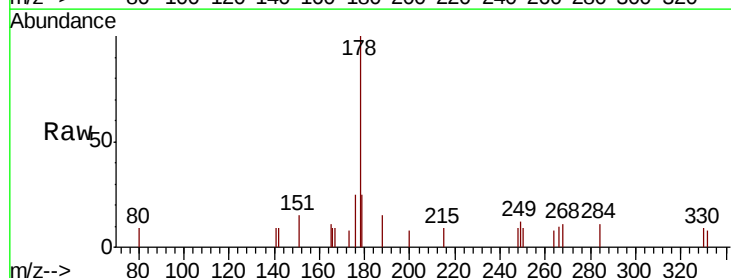
Tgt Ion:178 Resp: 1269

Ion Ratio Lower Upper

178 100

176 16.2 14.2 21.4

179 14.4 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

17.04

800

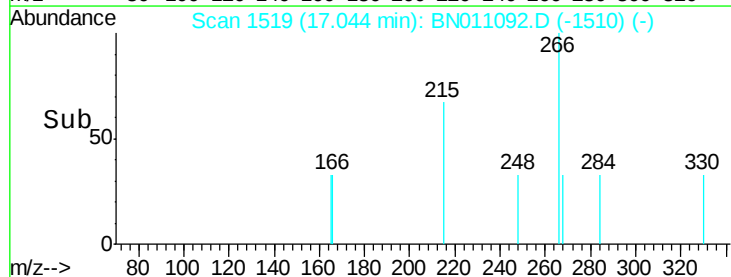
600

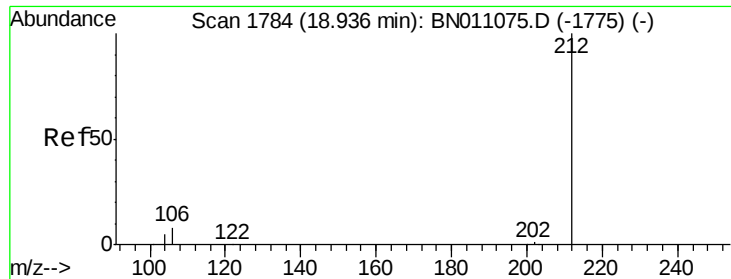
400

200

0

Time-->

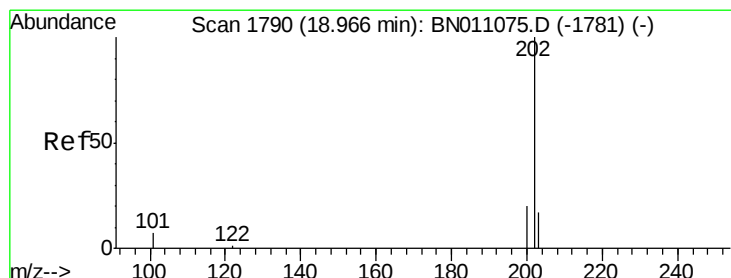
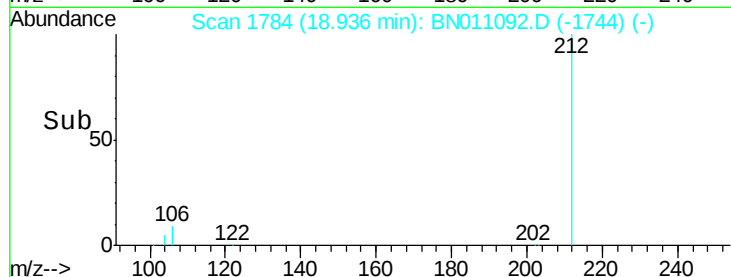
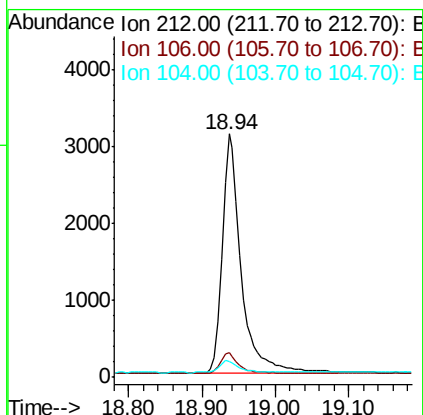
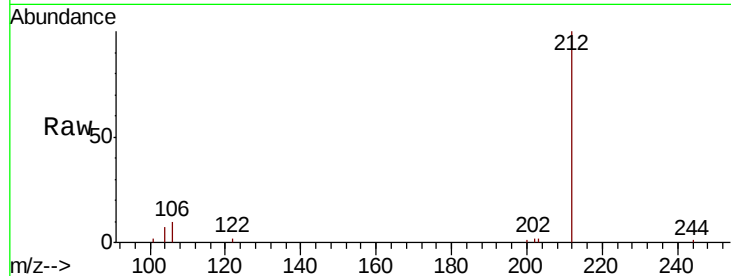




#27
 Fluoranthene-d10
 Concen: 0.340 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BN011092.D
 Acq: 02 Jul 2020 18:54

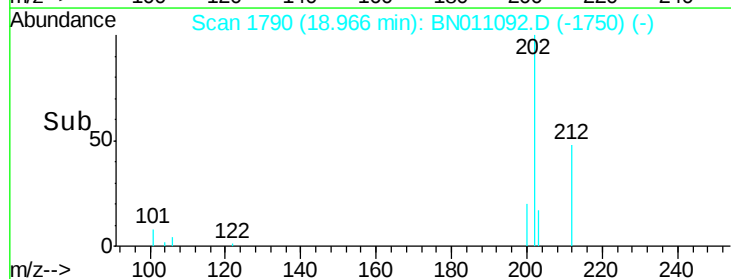
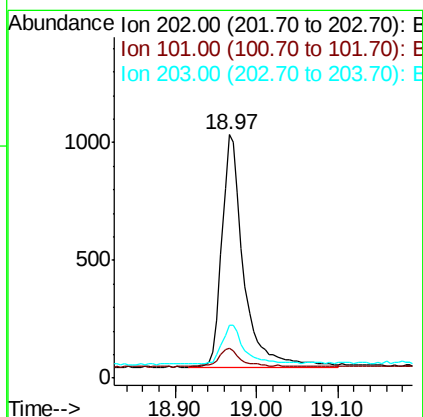
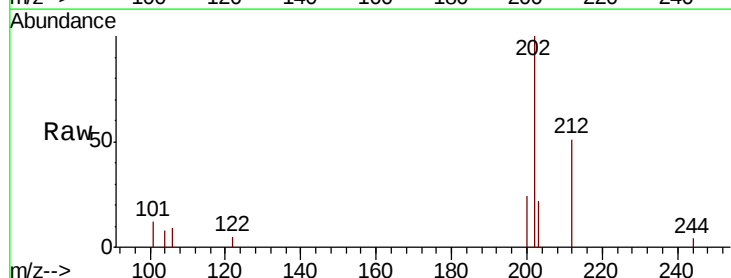
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-02

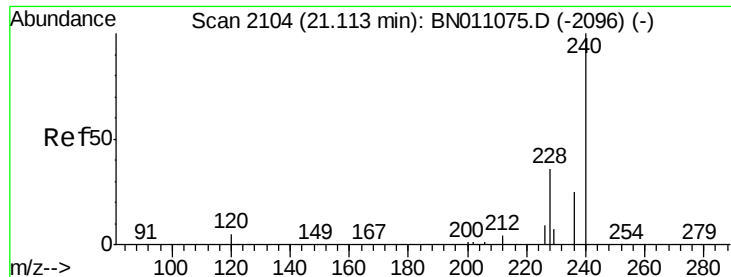
Tot Ion:212 Resp: 5706
 Ion Ratio Lower Upper
 212 100
 106 8.6 7.1 10.7
 104 5.1 4.2 6.4



#28
 Fluoranthene
 Concen: 0.090 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BN011092.D
 Acq: 02 Jul 2020 18:54

Tgt Ion:202 Resp: 1822
 Ion Ratio Lower Upper
 202 100
 101 8.4 6.3 9.5
 203 17.5 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02

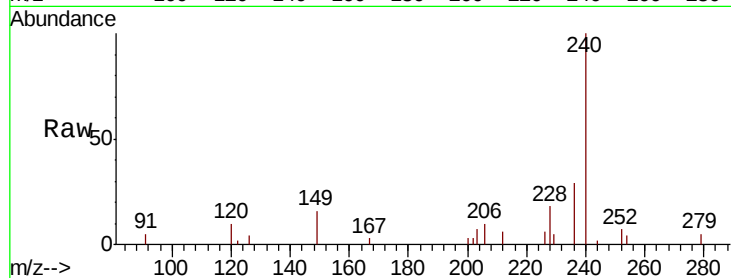
Tot Ion:240 Resp: 4725

Ion Ratio Lower Upper

240 100

120 9.9 6.5 9.7#

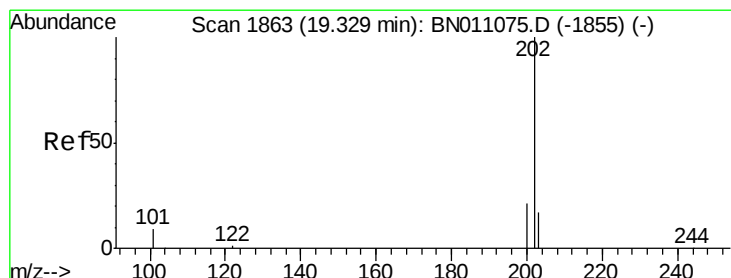
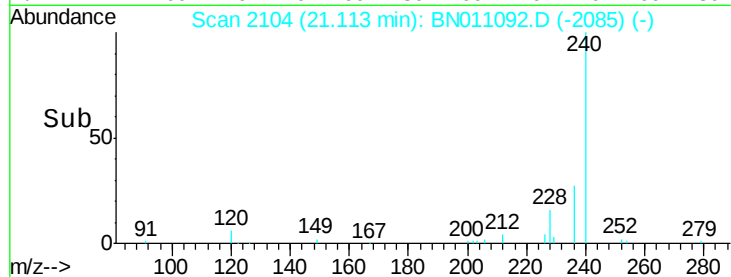
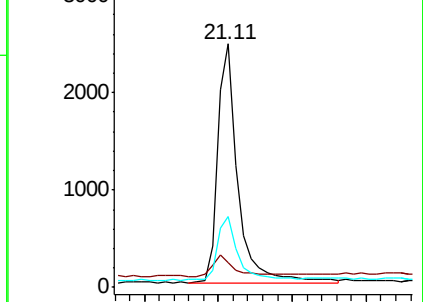
236 29.2 21.9 32.9



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: 0.107 ng

RT: 19.33 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

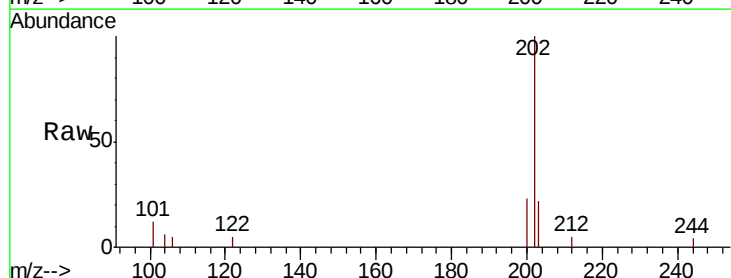
Tgt Ion:202 Resp: 1891

Ion Ratio Lower Upper

202 100

200 20.2 16.6 25.0

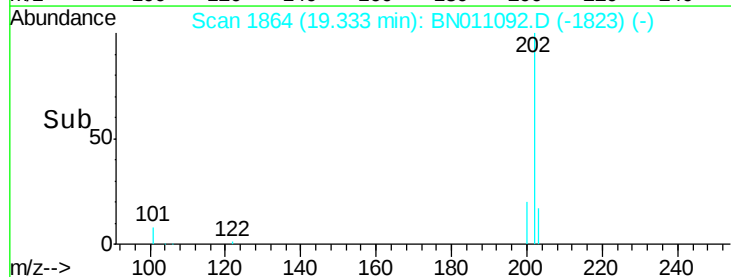
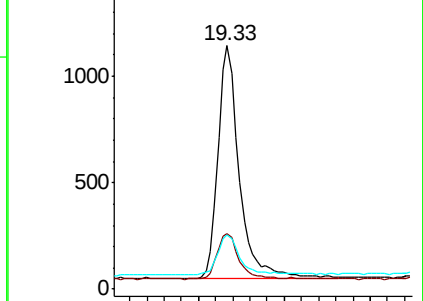
203 18.2 14.2 21.4

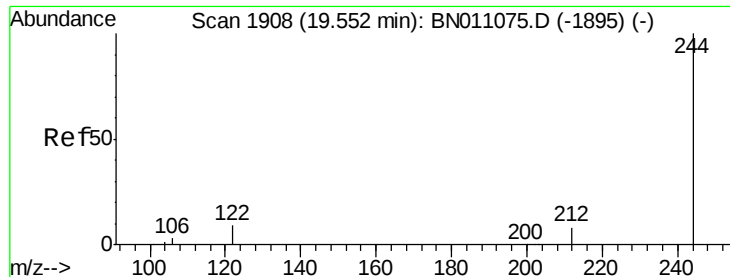


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.380 ng

RT: 19.56 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02

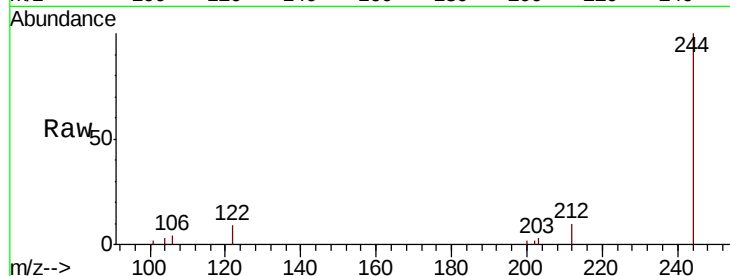
Tot Ion:244 Resp: 4677

Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

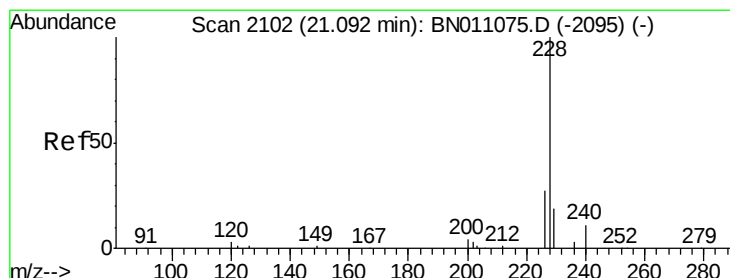
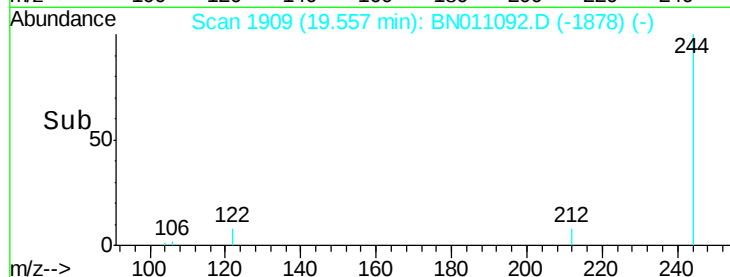
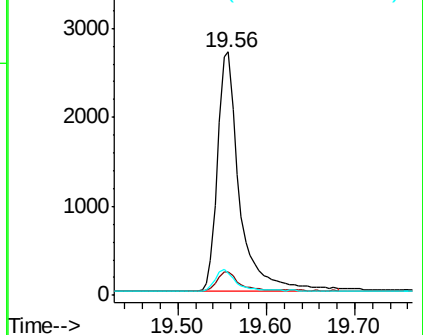
122 9.2 8.2 12.4



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: 0.091 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

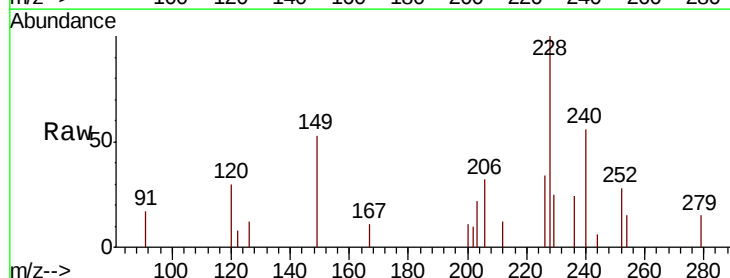
Tgt Ion:228 Resp: 1431

Ion Ratio Lower Upper

228 100

226 33.6 22.0 33.0#

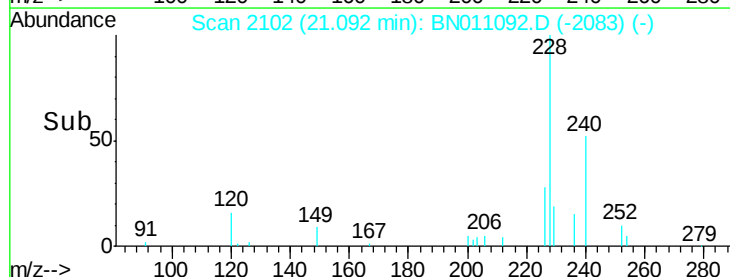
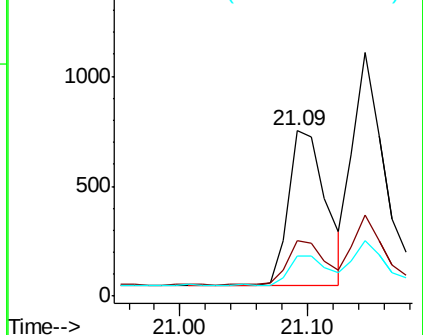
229 24.6 16.1 24.1#

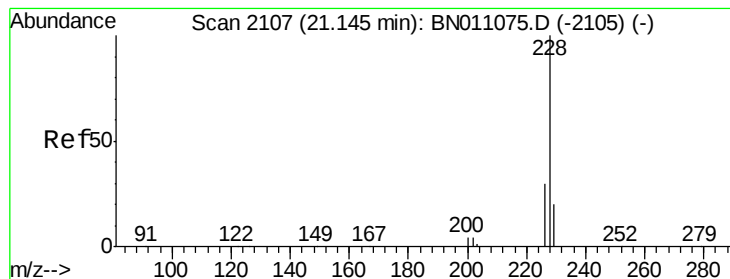


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.101 ng

RT: 21.14 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02

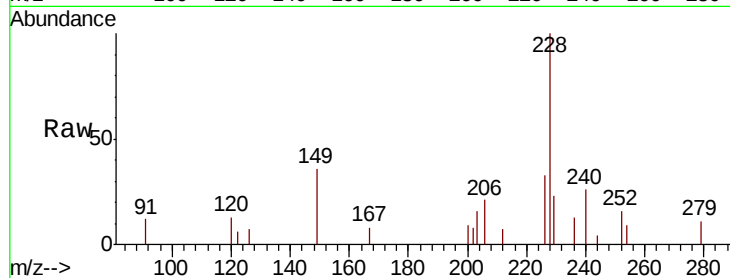
Tot Ion:228 Resp: 1837

Ion Ratio Lower Upper

228 100

226 33.3 24.0 36.0

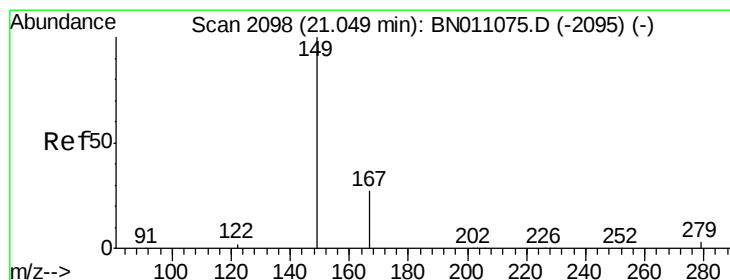
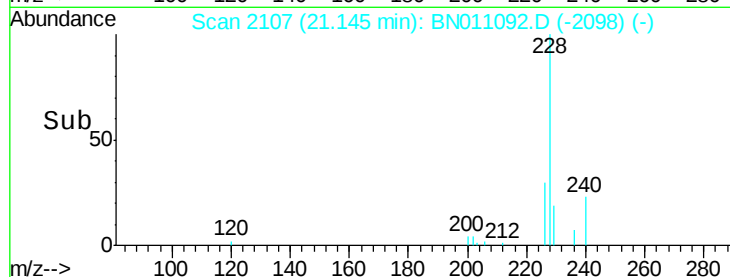
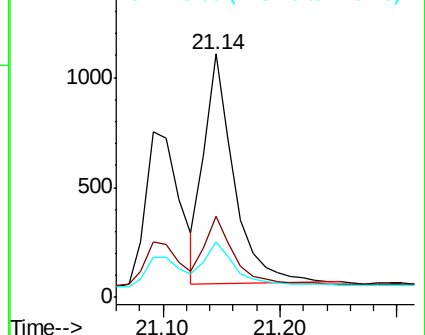
229 22.7 16.4 24.6



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: 0.151 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

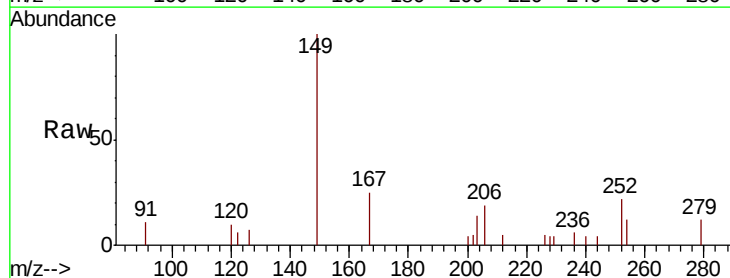
Tgt Ion:149 Resp: 967

Ion Ratio Lower Upper

149 100

167 25.5 22.2 33.4

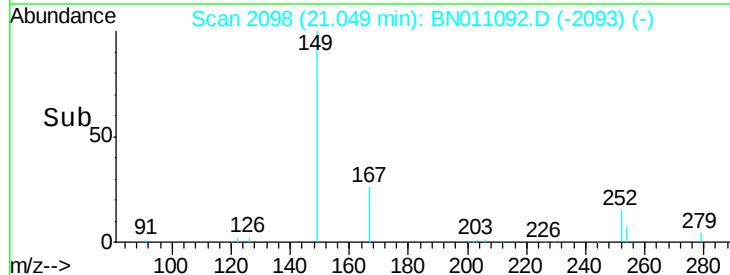
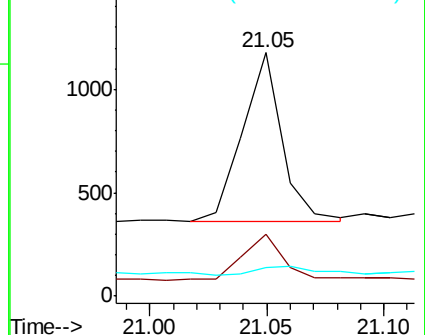
279 7.9 4.5 6.7#

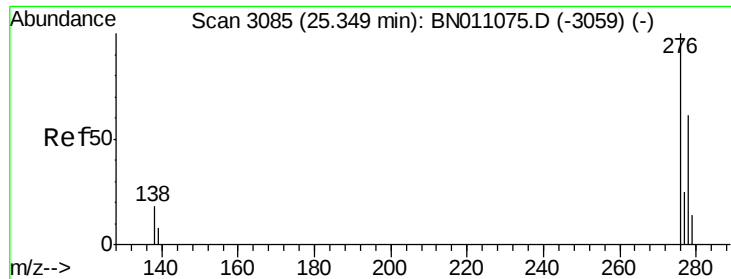


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

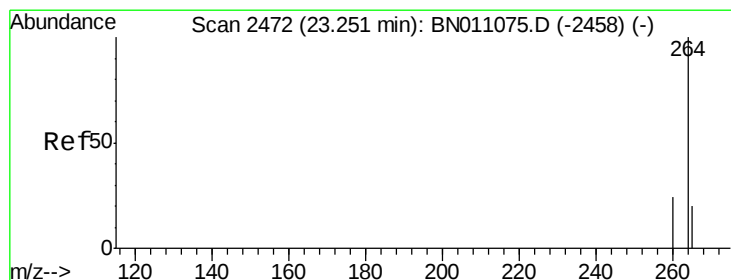
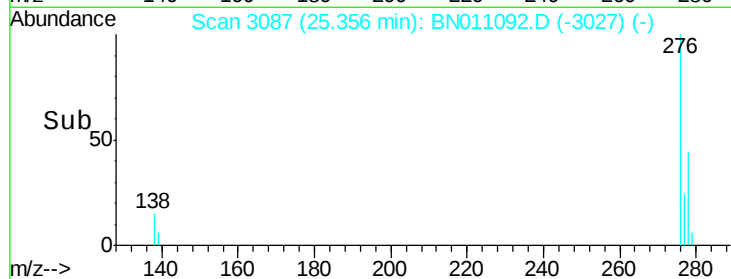
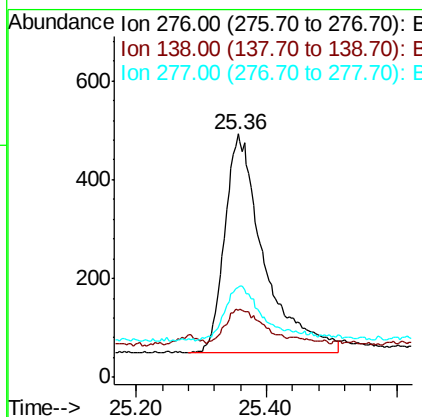
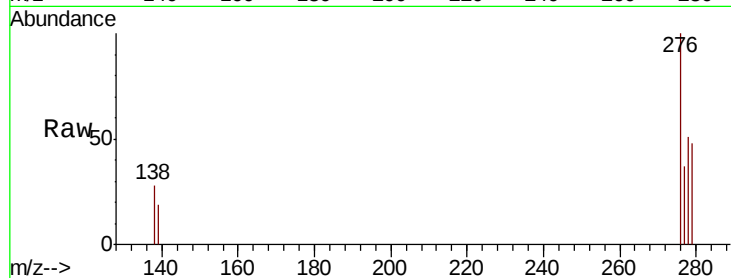




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.098 ng
 RT: 25.36 min Scan# 3087
 Delta R.T. 0.01 min
 Lab File: BN011092.D
 Acq: 02 Jul 2020 18:54

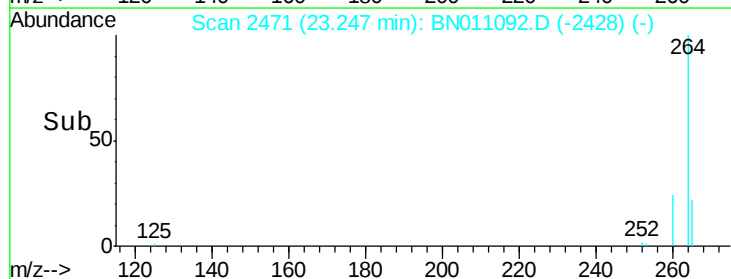
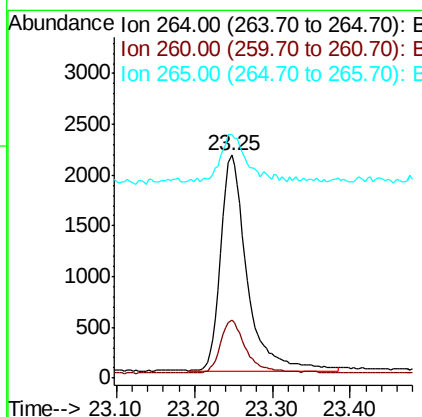
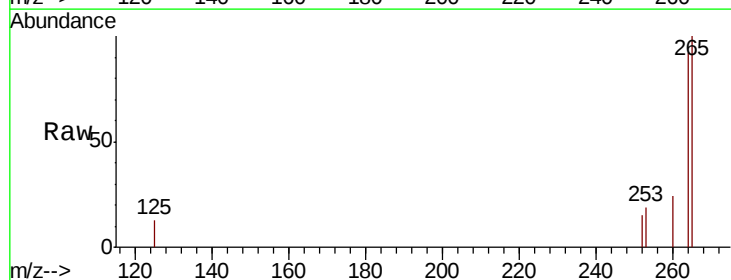
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-02

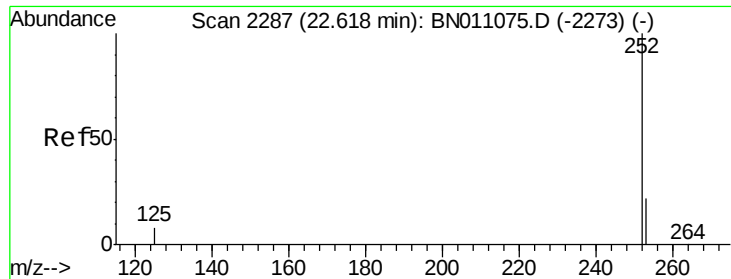
Tot Ion:276 Resp: 1855
 Ion Ratio Lower Upper
 276 100
 138 14.5 15.4 23.0#
 277 22.9 19.4 29.0



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: BN011092.D
 Acq: 02 Jul 2020 18:54

Tgt Ion:264 Resp: 4975
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.4 30.6
 265 109.1 83.0 124.6





#37

Benzo(b)fluoranthene

Concen: 0.081 ng

RT: 22.62 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02

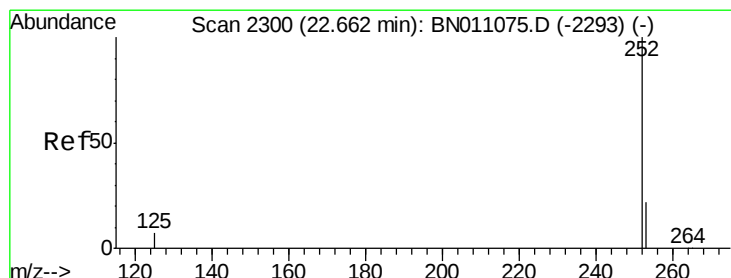
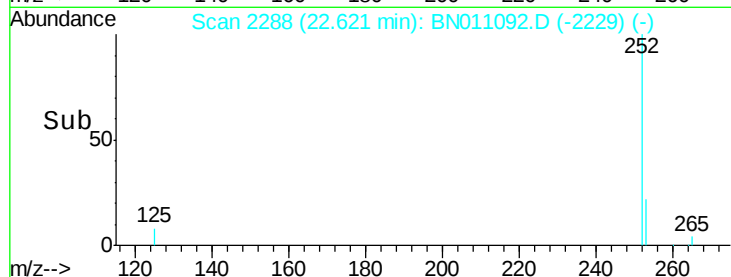
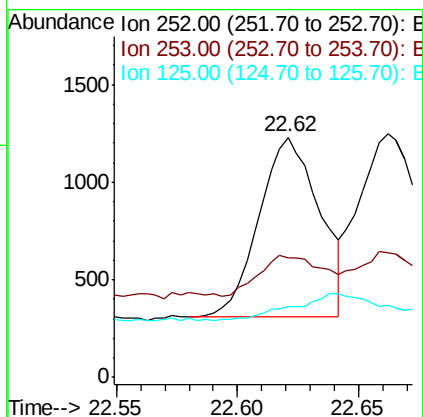
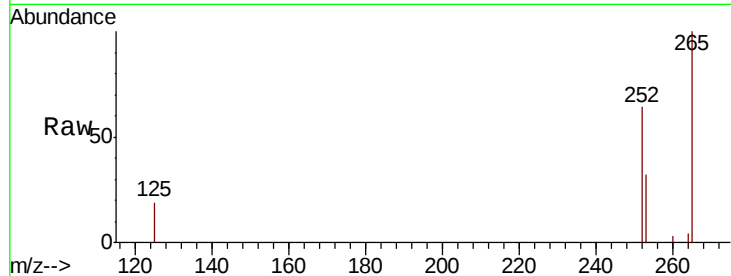
Tot Ion:252 Resp: 1612

Ion Ratio Lower Upper

252 100

253 49.6 22.7 34.1#

125 29.2 10.4 15.6#



#38

Benzo(k)fluoranthene

Concen: 0.090 ng

RT: 22.66 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

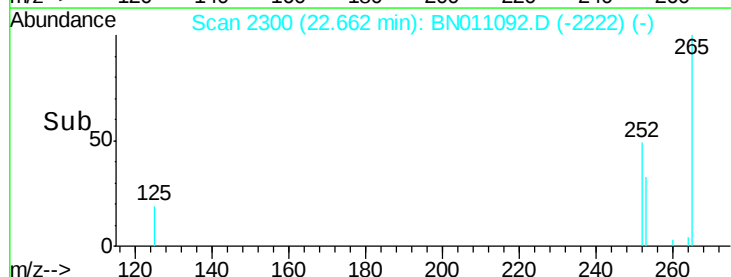
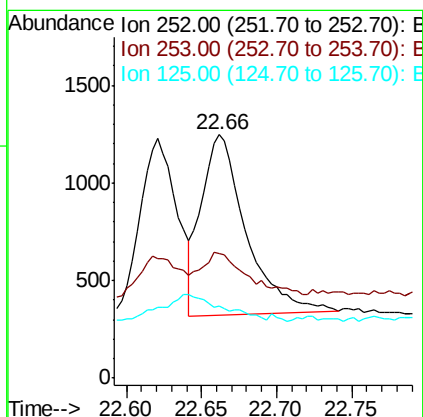
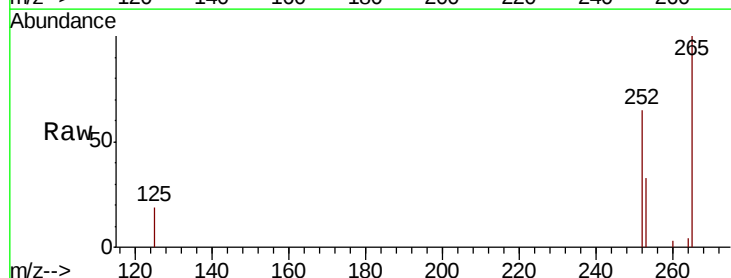
Tgt Ion:252 Resp: 1912

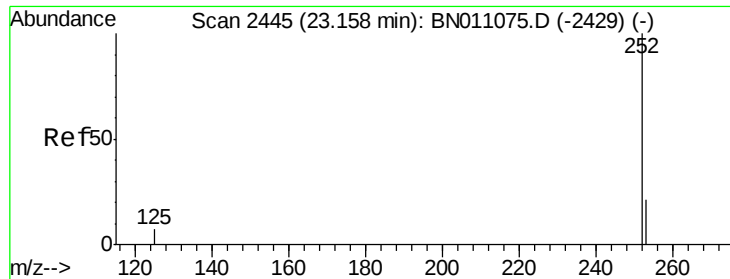
Ion Ratio Lower Upper

252 100

253 51.4 22.9 34.3#

125 29.5 10.6 15.8#





#39

Benzo(a)pyrene

Concen: 0.082 ng

RT: 23.16 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleID :

MDL-WATER-02

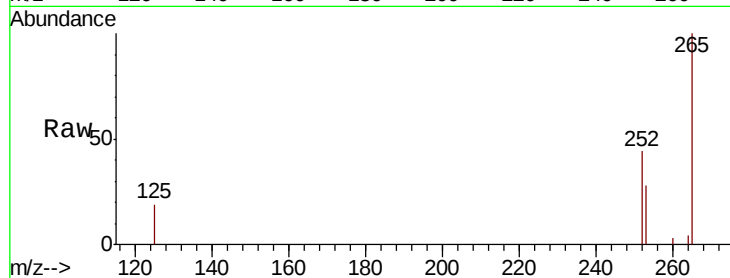
Tot Ion:252 Resp: 1406

Ion Ratio Lower Upper

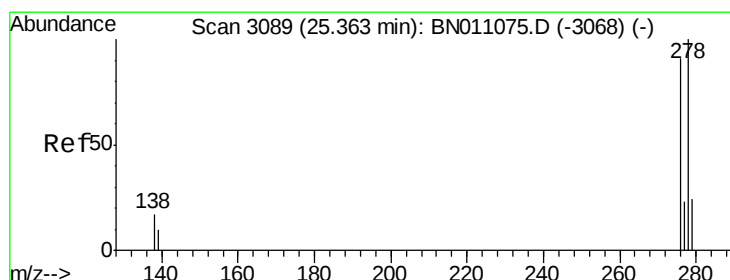
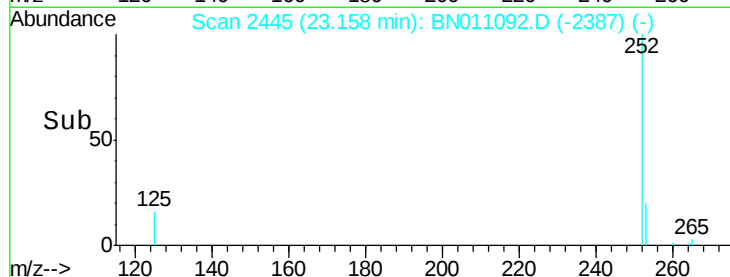
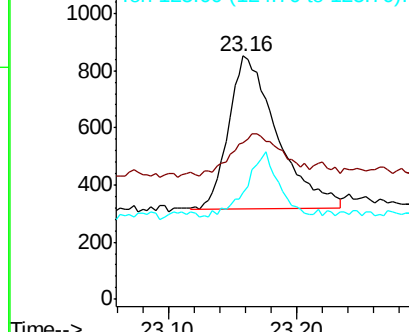
252 100

253 64.2 25.9 38.9#

125 43.9 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: 0.076 ng

RT: 25.38 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BN011092.D

Acq: 02 Jul 2020 18:54

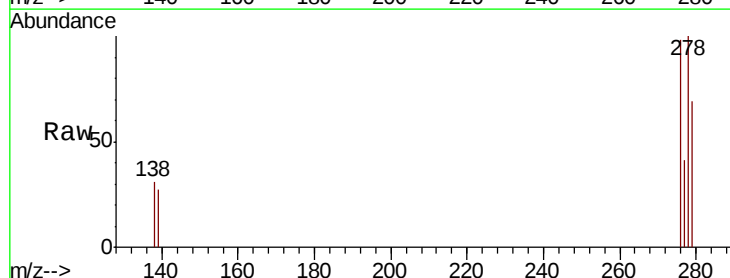
Tgt Ion:278 Resp: 1347

Ion Ratio Lower Upper

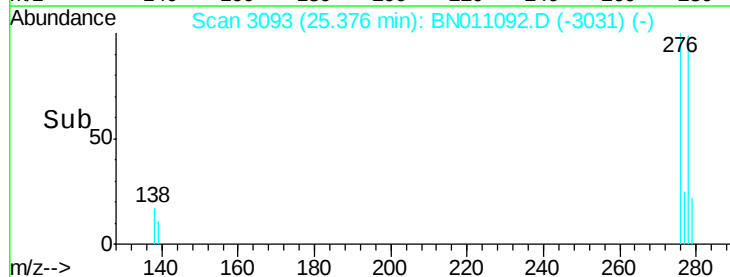
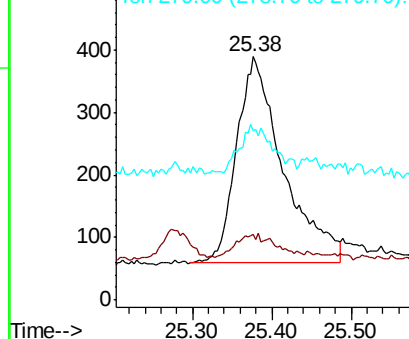
278 100

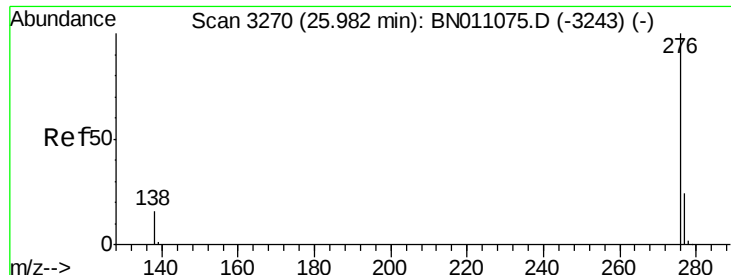
139 27.0 11.9 17.9#

279 69.4 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: 0.089 ng

RT: 25.98 min Scan# 3270

Delta R.T. -0.00 min

Lab File: BN011092.D

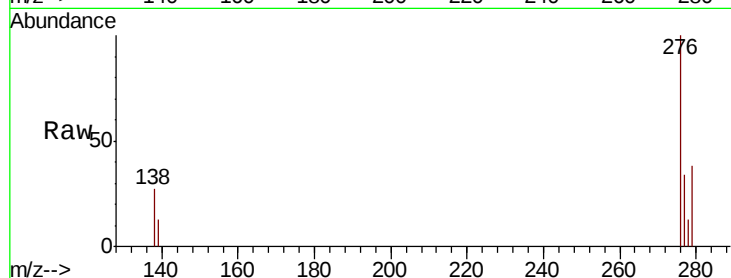
Acq: 02 Jul 2020 18:54

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-02



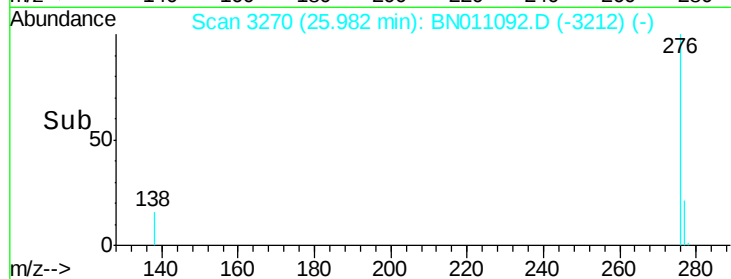
Tot Ion: 276 Resp: 1723

Ion Ratio Lower Upper

276 100

277 33.8 21.1 31.7#

138 26.7 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

