

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
 Data File : BN011090.D
 Acq On : 02 Jul 2020 17:42
 Operator : CG/JU
 Sample : L1955-08
 Misc : MDL-WTR--01
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-01

Quant Time: Jul 02 19:45:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 19:38:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1659	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	5315	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	2837	0.40	ng	0.01
19) Phenanthrene-d10	16.90	188	5751	0.40	ng	0.00
29) Chrysene-d12	21.11	240	4871	0.40	ng	0.00
36) Perylene-d12	23.25	264	5177	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1547	0.37	ng	0.00
5) Phenol-d6	6.73	99	1815	0.38	ng	0.00
8) Nitrobenzene-d5	8.67	82	1396	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	11.87	152	3122	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	384	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.77	172	4183	0.31	ng	0.01
27) Fluoranthene-d10	18.94	212	6042	0.35	ng	0.00
31) Terphenyl-d14	19.55	244	4788	0.38	ng	0.00

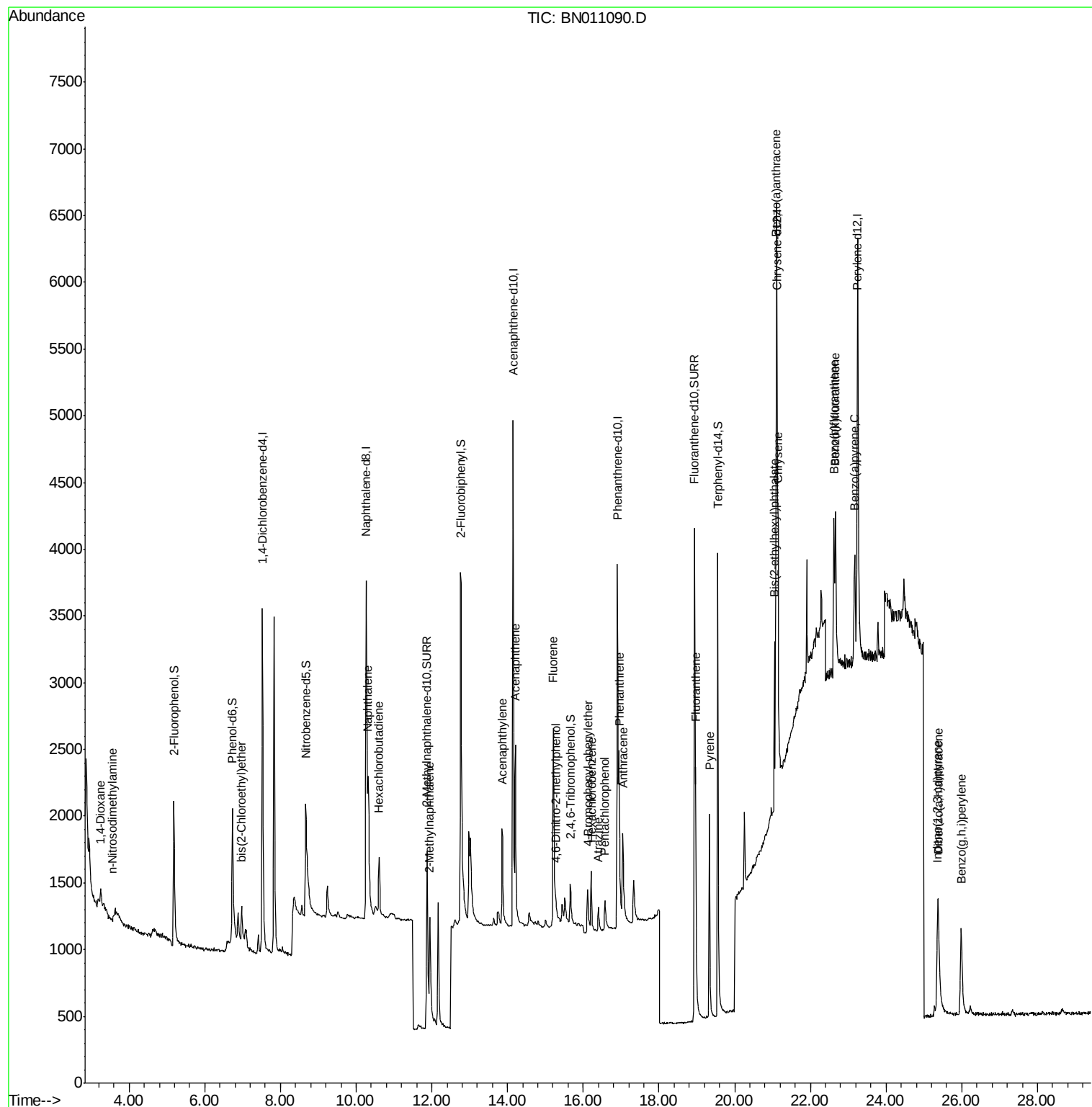
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	209	0.089	ng	# 87
3) n-Nitrosodimethylamine	3.55	42	9	0.008	ng	# 1
6) bis(2-Chloroethyl)ether	6.98	93	396	0.092	ng	95
9) Naphthalene	10.32	128	1424	0.090	ng	# 87
10) Hexachlorobutadiene	10.61	225	345	0.086	ng	# 100
12) 2-Methylnaphthalene	11.95	142	906	0.085	ng	# 92
16) Acenaphthylene	13.85	152	1219	0.086	ng	98
17) Acenaphthene	14.21	154	808	0.084	ng	98
18) Fluorene	15.21	166	1131	0.094	ng	98
20) 4,6-Dinitro-2-methylphenol	15.29	198	2	0.003	ng	# 18
21) 4-Bromophenyl-phenylether	16.12	248	245	0.064	ng	91
22) Hexachlorobenzene	16.22	284	373	0.083	ng	94
23) Atrazine	16.40	200	250	0.093	ng	# 71
24) Pentachlorophenol	16.57	266	219	0.181	ng	93
25) Phenanthrene	16.95	178	1492	0.080	ng	99
26) Anthracene	17.04	178	1222	0.079	ng	98
28) Fluoranthene	18.97	202	1741	0.083	ng	99
30) Pyrene	19.33	202	1717	0.094	ng	100
32) Benzo(a)anthracene	21.10	228	1393	0.086	ng	# 93
33) Chrysene	21.14	228	1785	0.096	ng	93
34) Bis(2-ethylhexyl)phthalate	21.05	149	897	0.136	ng	99
35) Indeno(1,2,3-cd)pyrene	25.36	276	1609	0.082	ng	# 85
37) Benzo(b)fluoranthene	22.62	252	1591	0.077	ng	# 54
38) Benzo(k)fluoranthene	22.67	252	1741	0.078	ng	# 56
39) Benzo(a)pyrene	23.16	252	1452	0.081	ng	# 30
40) Dibenzo(a,h)anthracene	25.38	278	1152	0.063	ng	# 36
41) Benzo(g,h,i)perylene	25.98	276	1650	0.082	ng	# 80

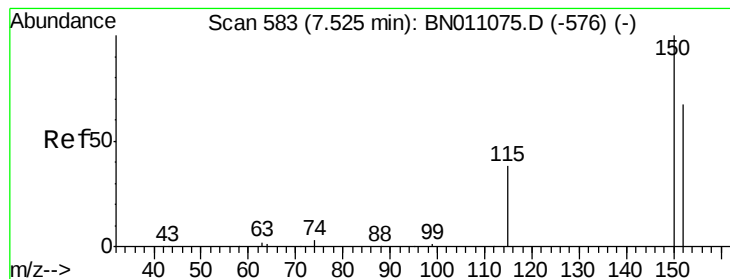
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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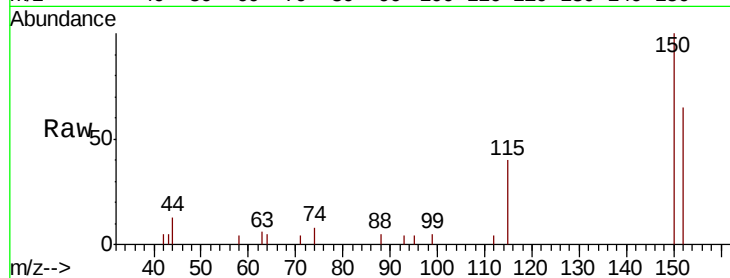


#1

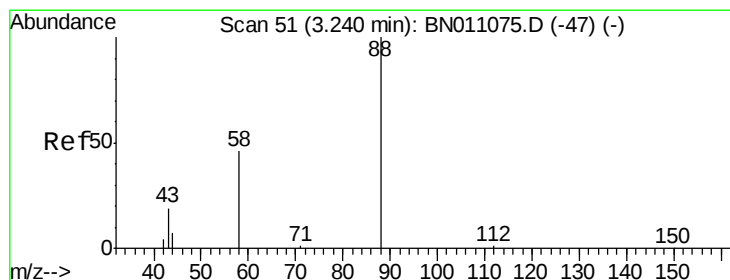
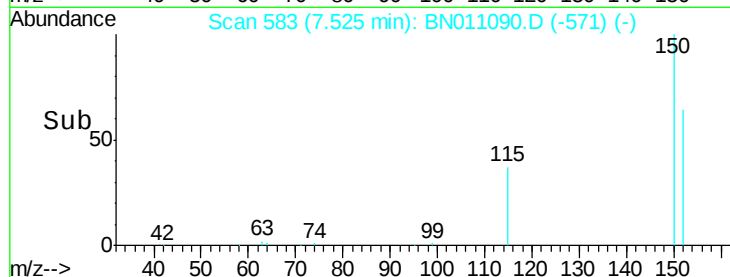
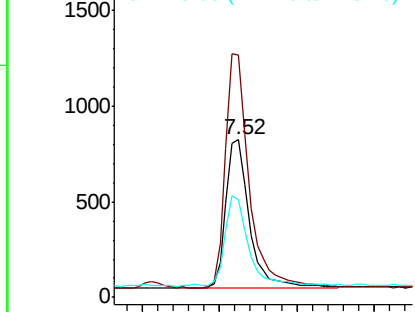
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BN011090.D
Acq: 02 Jul 2020 17:42

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-01

Tot Ion:152 Resp: 1659
Ion Ratio Lower Upper
152 100
150 153.9 117.4 176.0
115 62.0 47.9 71.9



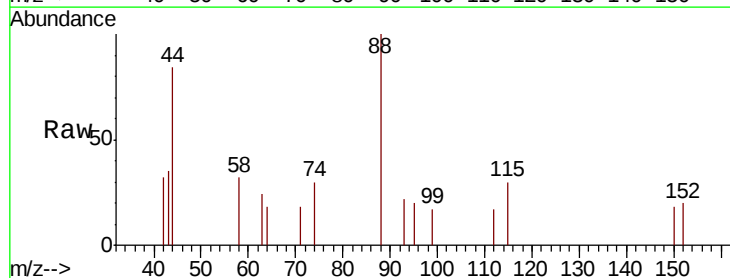
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



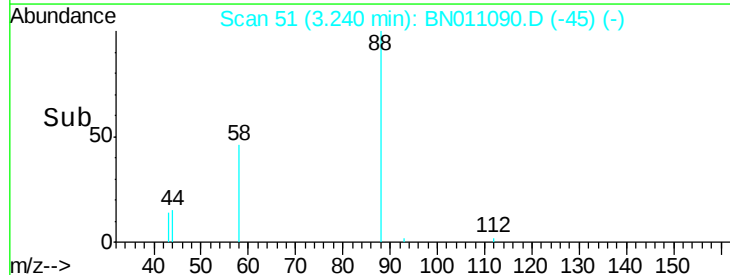
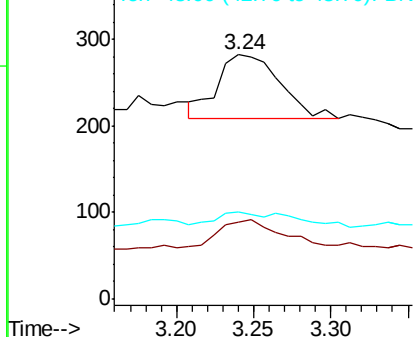
#2

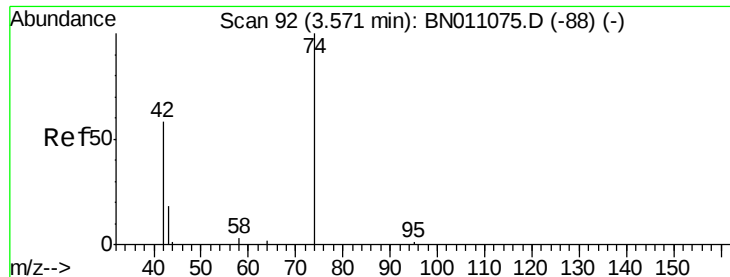
1,4-Dioxane
Concen: 0.089 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN011090.D
Acq: 02 Jul 2020 17:42

Tgt Ion: 88 Resp: 209
Ion Ratio Lower Upper
88 100
58 40.2 38.6 57.8
43 12.4 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



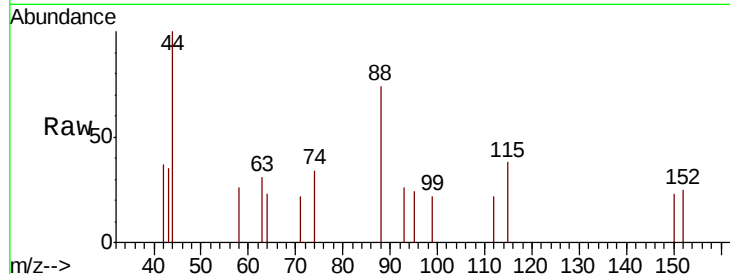


#3

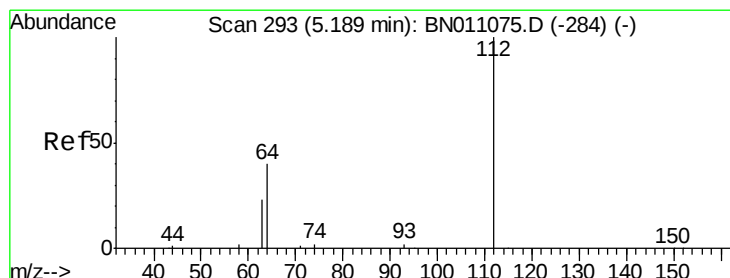
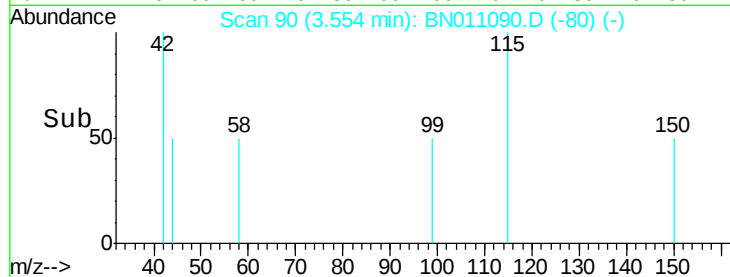
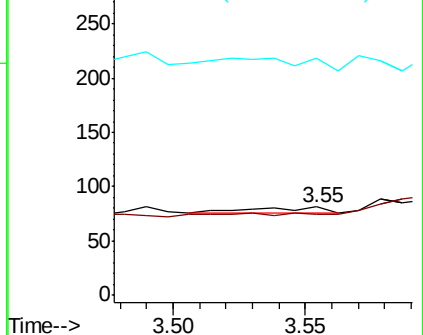
n-Nitrosodimethylamine
 Concen: 0.008 ng
 RT: 3.55 min Scan# 90
 Delta R.T. -0.02 min
 Lab File: BN011090.D
 Acq: 02 Jul 2020 17:42

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-01

Tot Ion: 42 Resp: 9
 Ion Ratio Lower Upper
 42 100
 74 0.0 142.5 213.7#
 44 122.2 0.0 0.0#



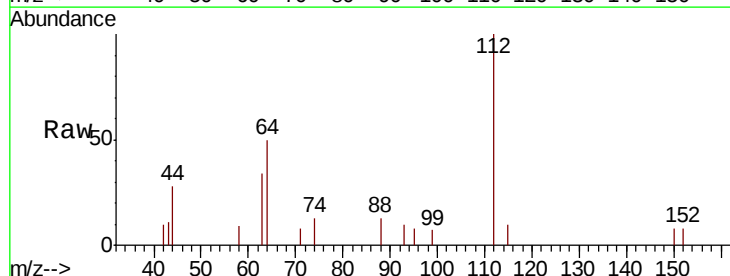
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



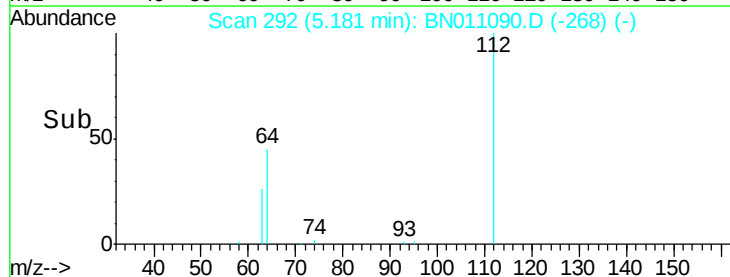
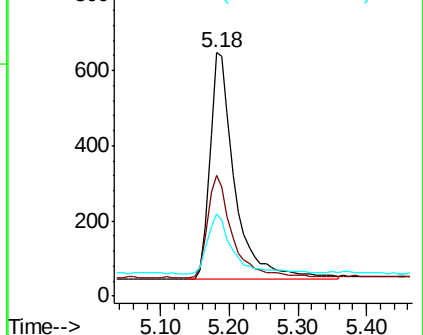
#4

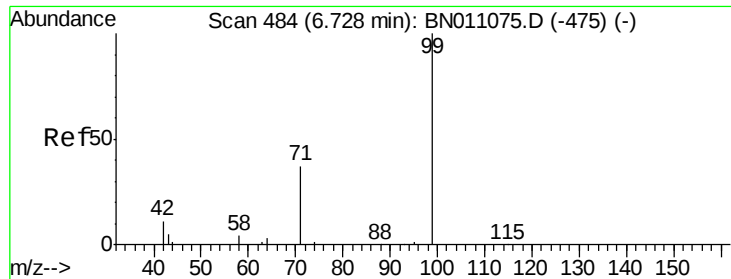
2-Fluorophenol
 Concen: 0.375 ng
 RT: 5.18 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: BN011090.D
 Acq: 02 Jul 2020 17:42

Tgt Ion: 112 Resp: 1547
 Ion Ratio Lower Upper
 112 100
 64 45.4 36.5 54.7
 63 26.2 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: 0.382 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-01

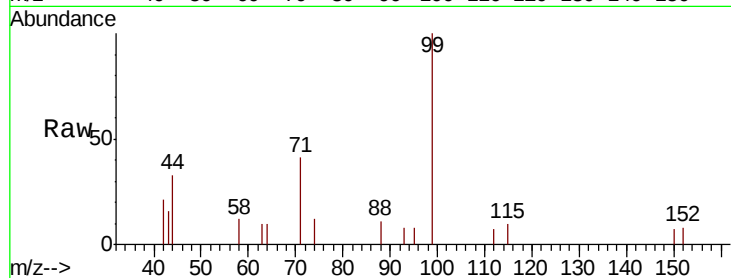
Tot Ion: 99 Resp: 1815

Ion Ratio Lower Upper

99 100

42 12.4 9.8 14.8

71 37.5 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) (-)

6.73

800

600

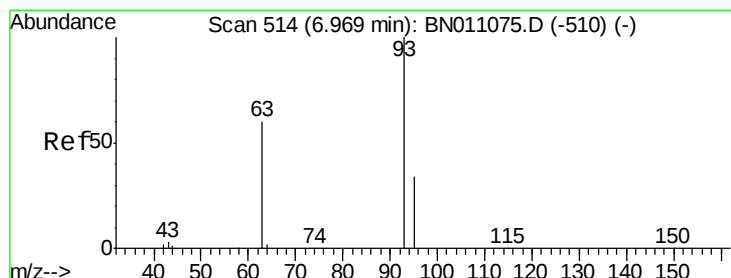
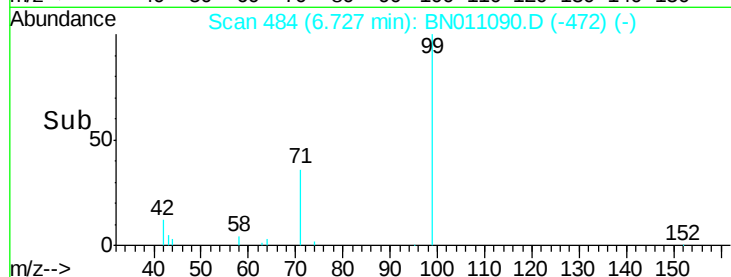
400

200

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.092 ng

RT: 6.98 min Scan# 515

Delta R.T. 0.01 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

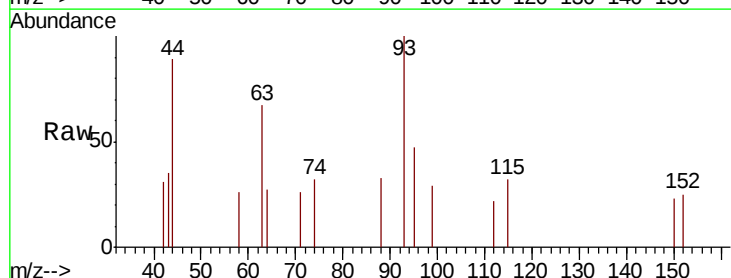
Tgt Ion: 93 Resp: 396

Ion Ratio Lower Upper

93 100

63 54.0 47.4 71.2

95 32.3 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) (-)

6.98

300

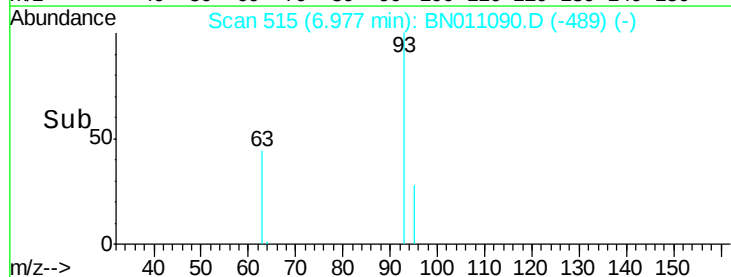
200

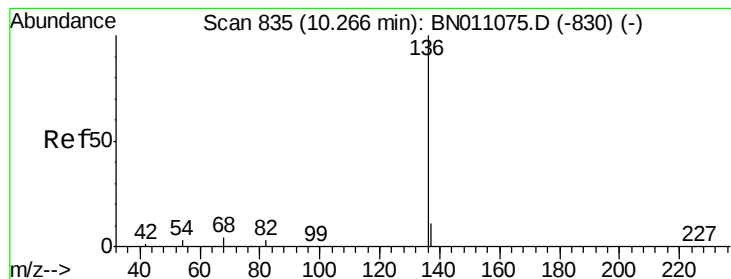
100

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-01

Tot Ion:136 Resp: 5315

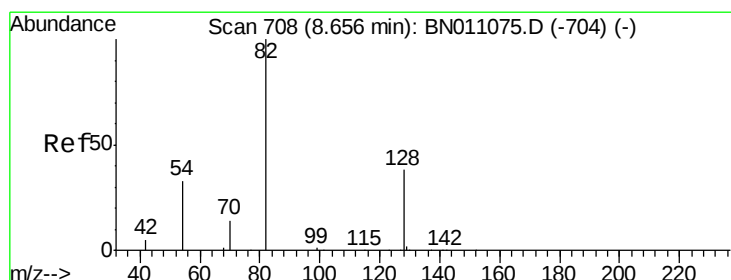
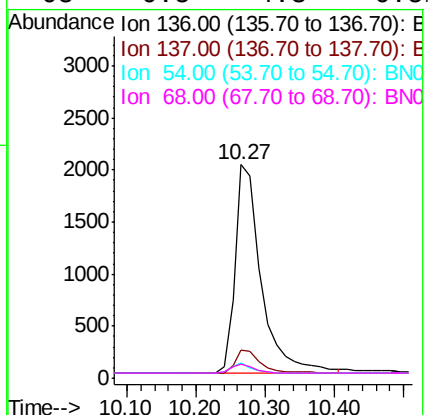
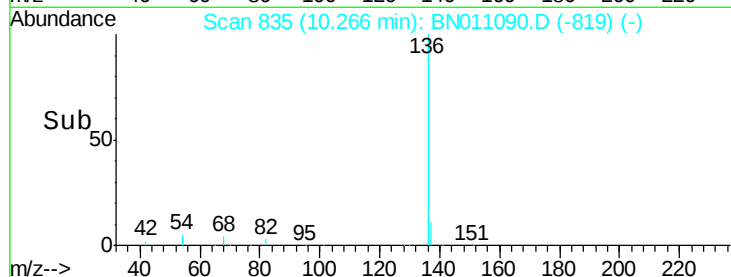
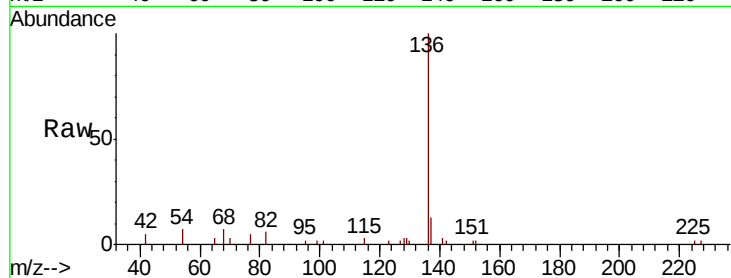
Ion Ratio Lower Upper

136 100

137 13.0 9.6 14.4

54 7.1 3.8 5.6#

68 6.5 4.3 6.5#



#8

Nitrobenzene-d5

Concen: 0.309 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.01 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

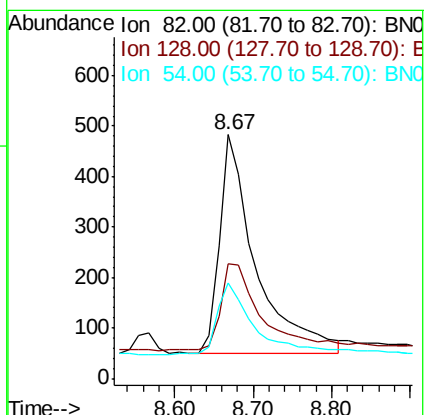
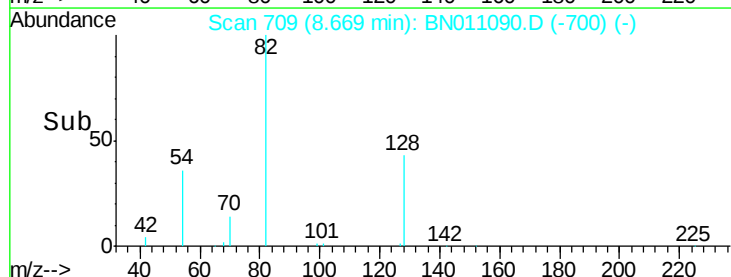
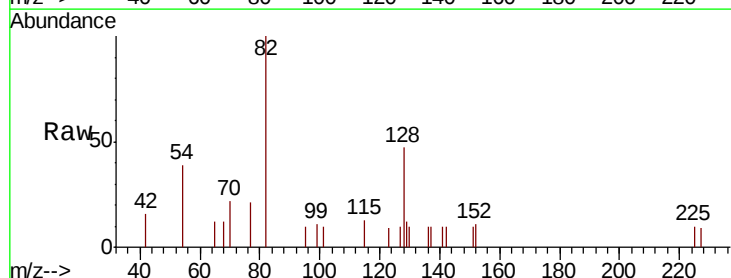
Tgt Ion: 82 Resp: 1396

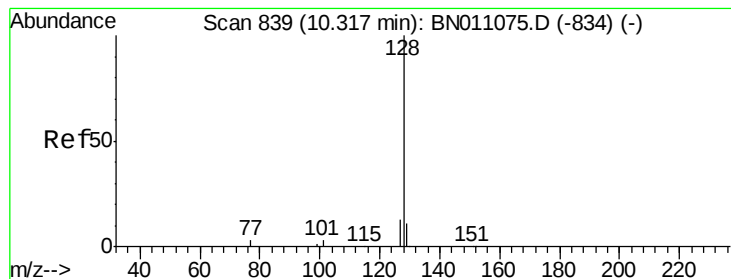
Ion Ratio Lower Upper

82 100

128 46.8 34.2 51.2

54 39.1 29.4 44.0





#9

Naphthalene

Concen: 0.090 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

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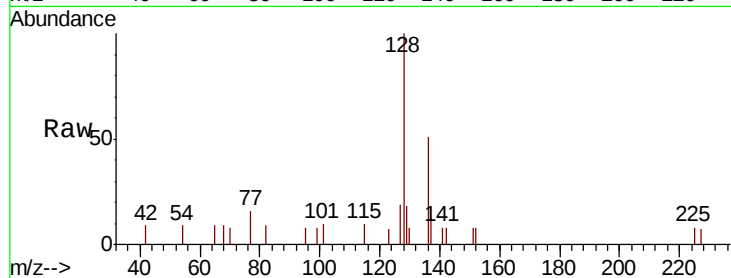
Tot Ion:128 Resp: 1424

Ion Ratio Lower Upper

128 100

129 17.6 9.8 14.8#

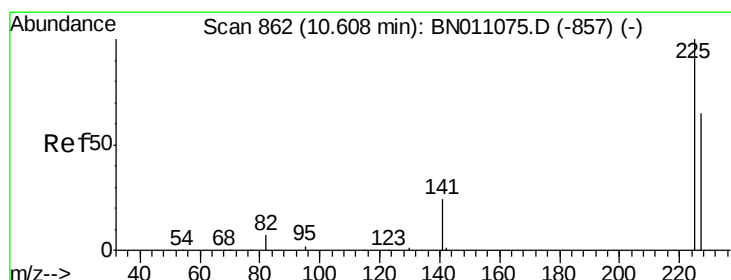
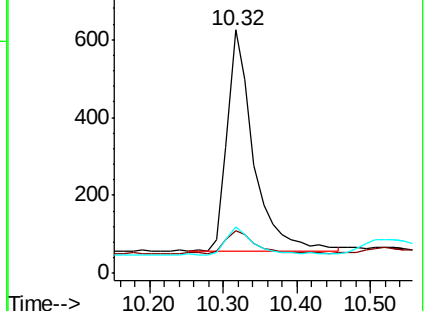
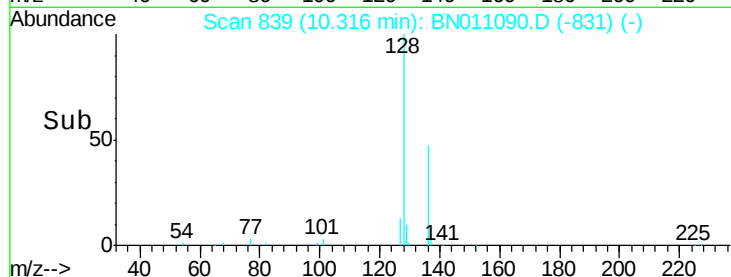
127 19.2 11.3 16.9#



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: 0.086 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

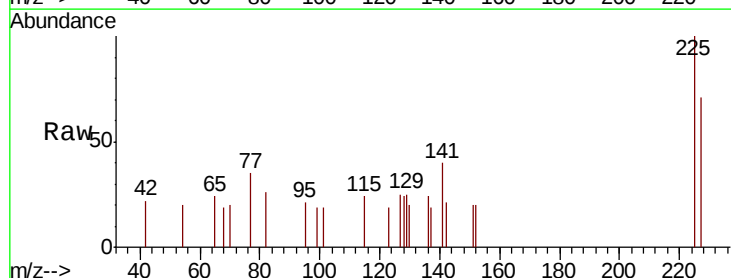
Tgt Ion:225 Resp: 345

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

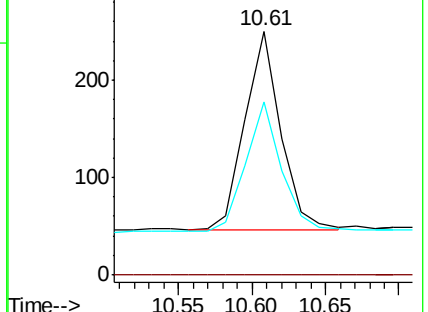
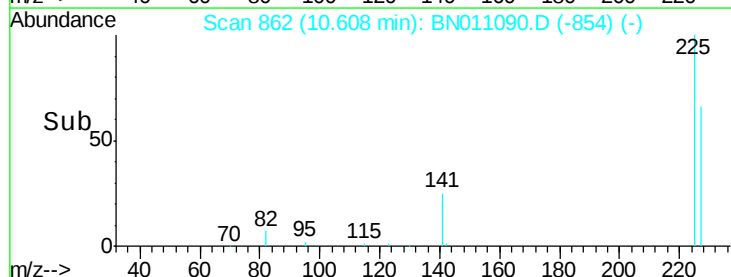
227 64.1 51.4 77.2

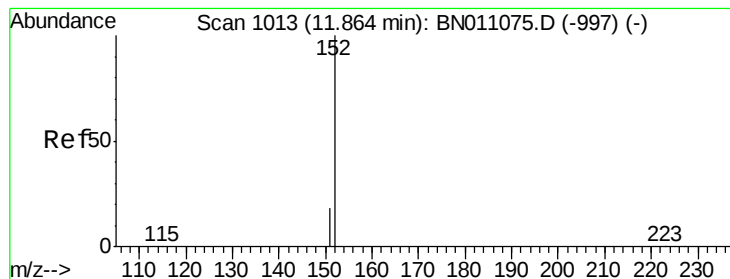


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.339 ng

RT: 11.87 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

Instrument :

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ClientSampleId :

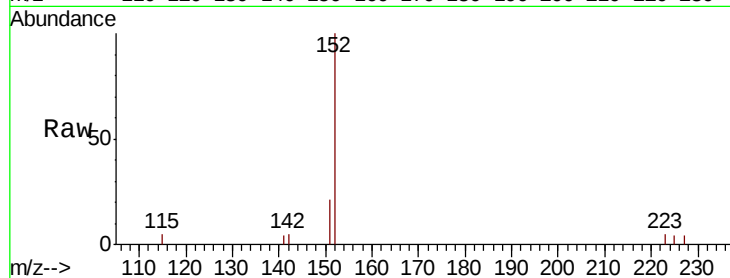
MDL-WATER-01

Tot Ion:152 Resp: 3122

Ion Ratio Lower Upper

152 100

151 18.8 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

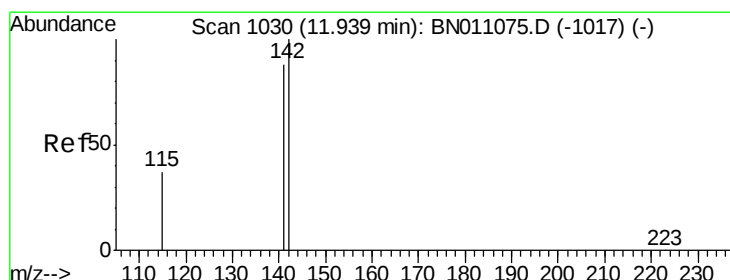
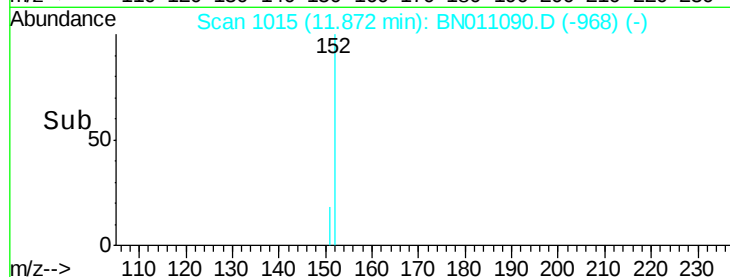
1000

500

0

Time-->

11.80 12.00



#12

2-Methylnaphthalene

Concen: 0.085 ng

RT: 11.95 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

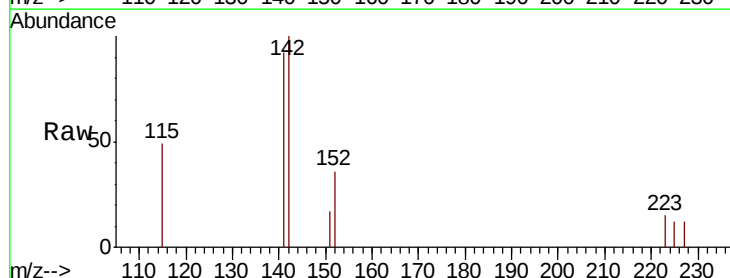
Tgt Ion:142 Resp: 906

Ion Ratio Lower Upper

142 100

141 92.0 70.3 105.5

115 49.1 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

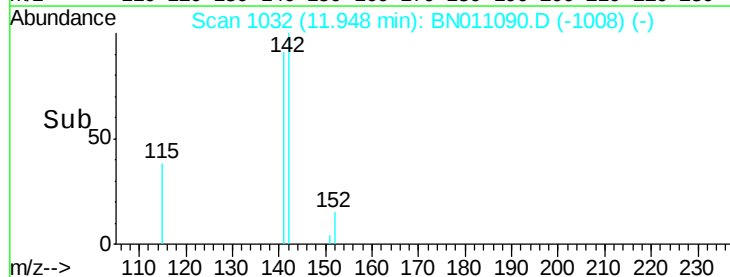
200

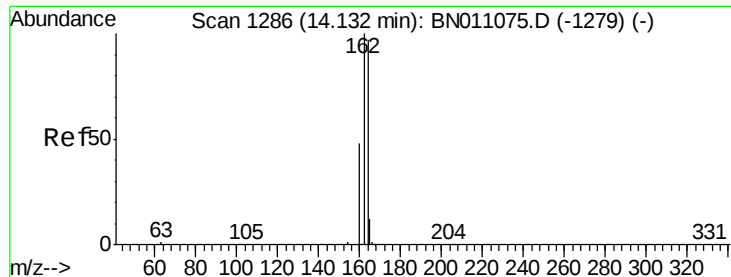
100

0

Time-->

11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-01

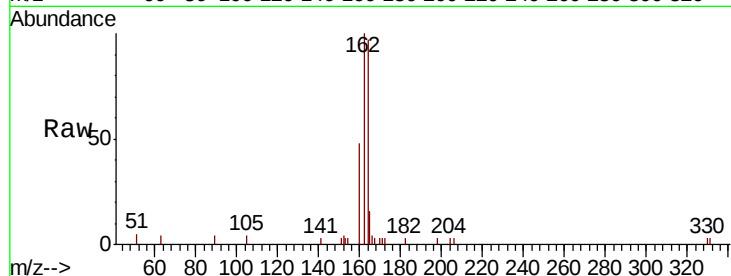
Tot Ion:164 Resp: 2837

Ion Ratio Lower Upper

164 100

162 102.6 82.3 123.5

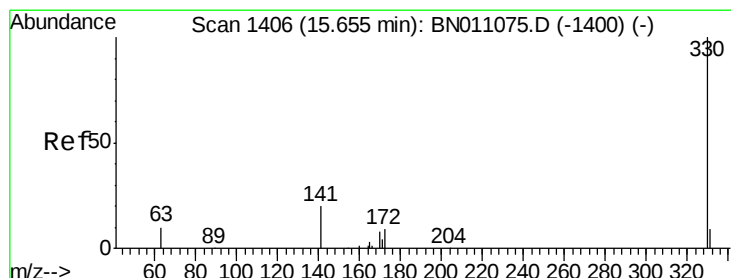
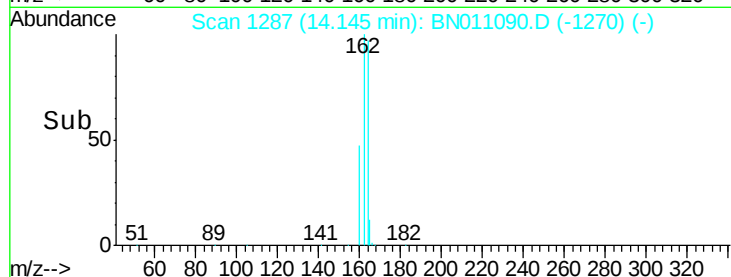
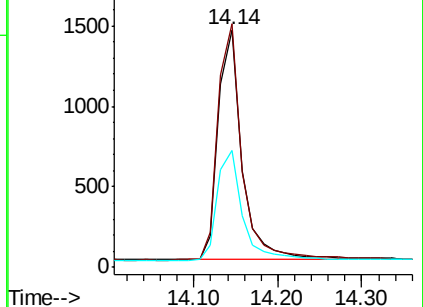
160 49.4 40.6 61.0



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: 0.322 ng

RT: 15.65 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

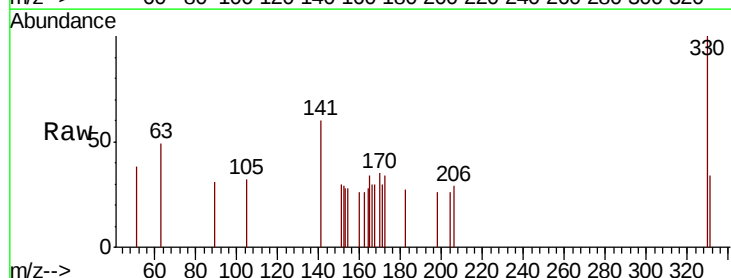
Tgt Ion:330 Resp: 384

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

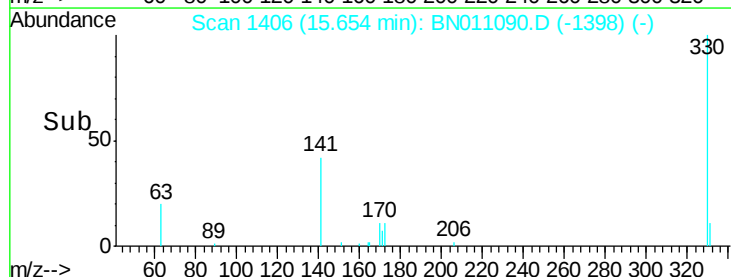
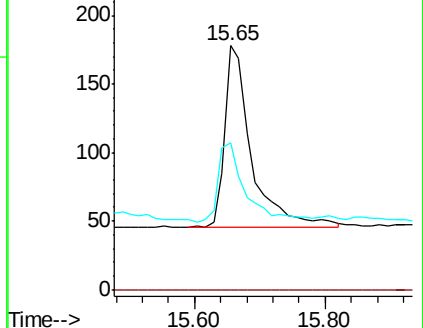
141 44.8 32.6 49.0

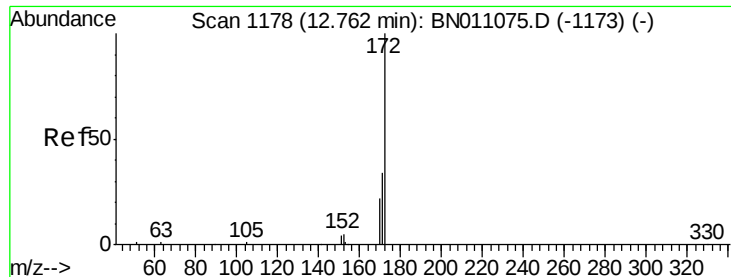


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

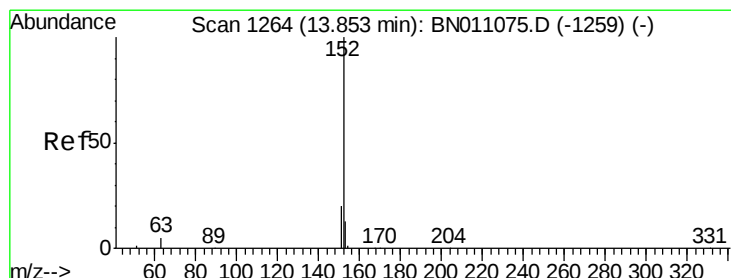
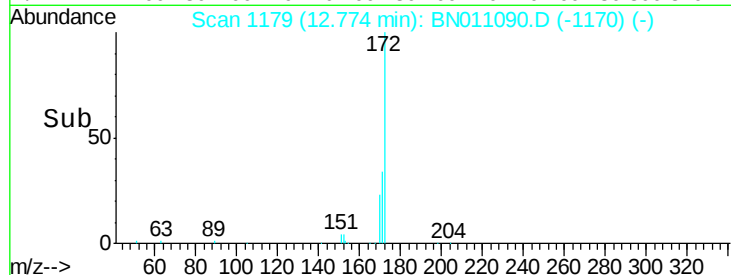
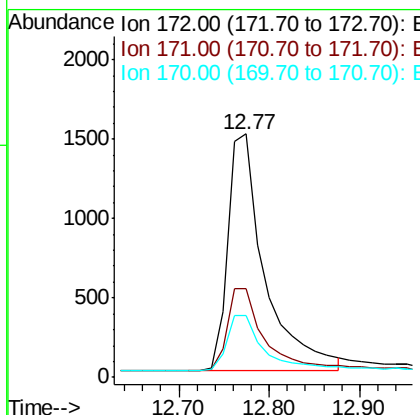
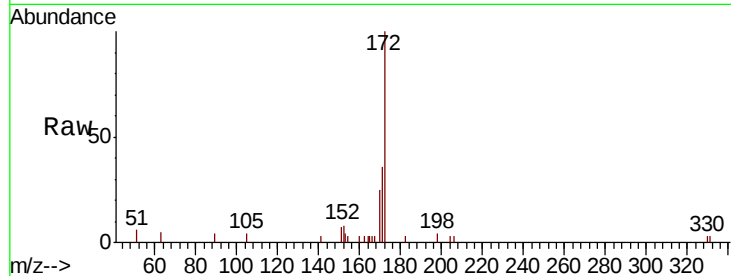




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BN011090.D
Acq: 02 Jul 2020 17:42

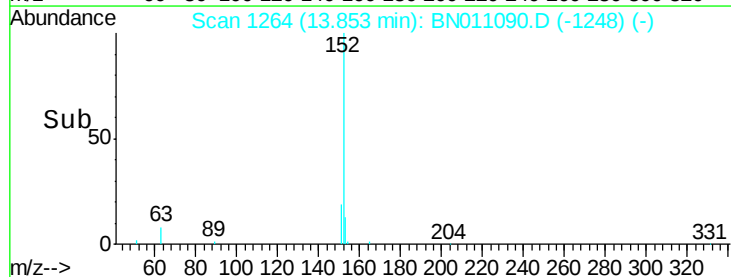
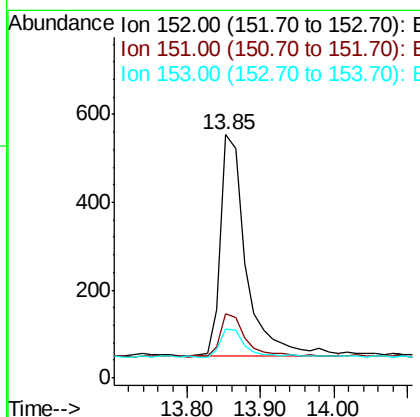
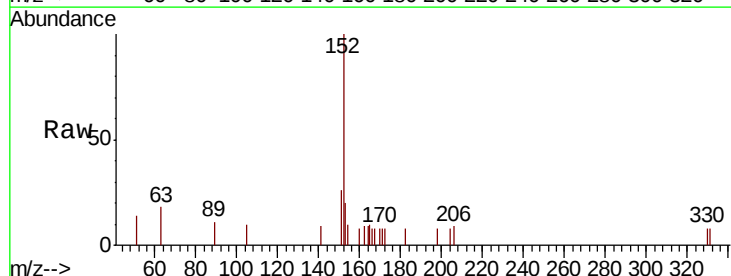
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-01

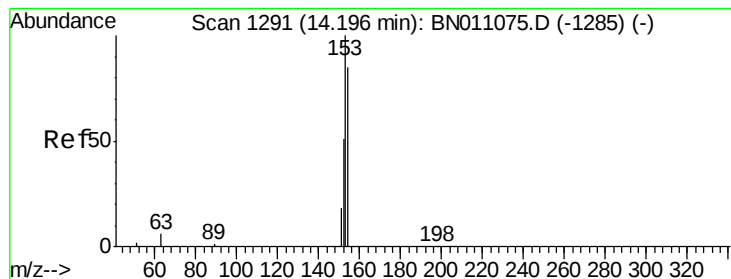
Tot Ion:172 Resp: 4183
Ion Ratio Lower Upper
172 100
171 36.4 27.9 41.9
170 25.2 18.7 28.1



#16
Acenaphthylene
Concen: 0.086 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011090.D
Acq: 02 Jul 2020 17:42

Tgt Ion:152 Resp: 1219
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.8
153 12.7 10.8 16.2





#17

Acenaphthene

Concen: 0.084 ng

RT: 14.21 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-01

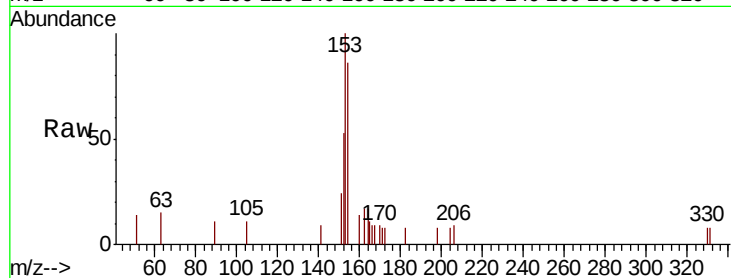
Tot Ion:154 Resp: 808

Ion Ratio Lower Upper

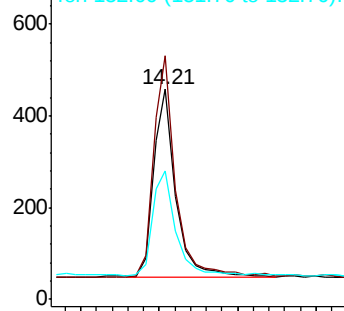
154 100

153 116.5 91.7 137.5

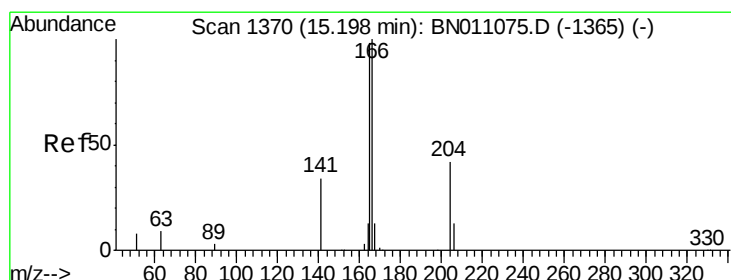
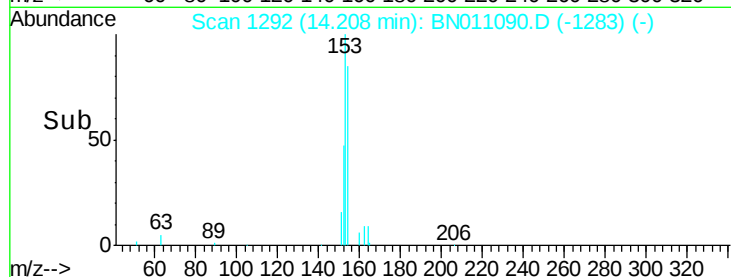
152 60.6 46.8 70.2



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



Time-->



#18

Fluorene

Concen: 0.094 ng

RT: 15.21 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

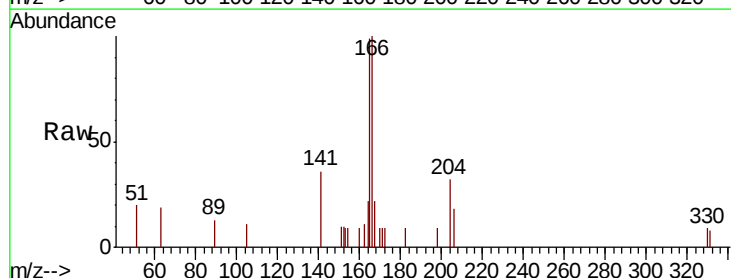
Tgt Ion:166 Resp: 1131

Ion Ratio Lower Upper

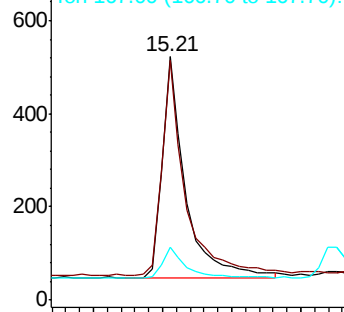
166 100

165 95.9 78.9 118.3

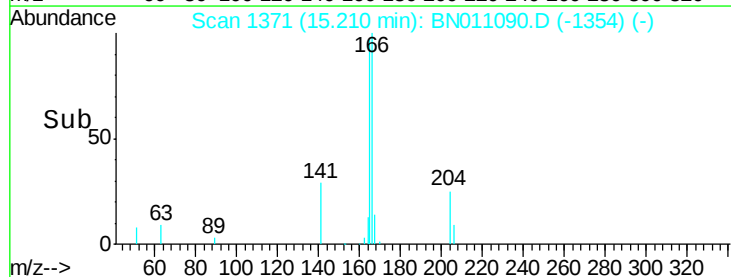
167 13.9 10.9 16.3

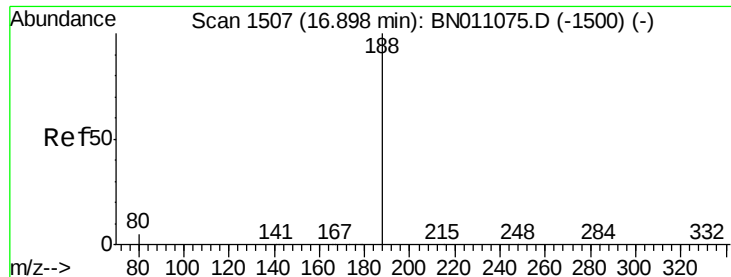


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-01

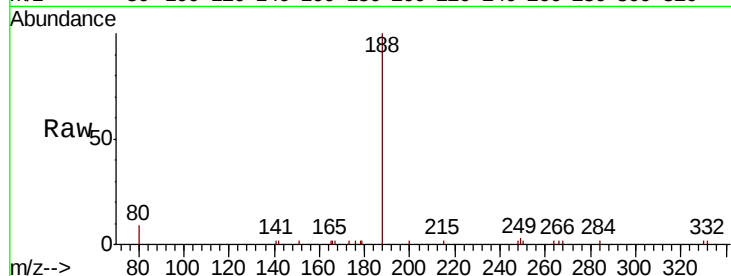
Tot Ion:188 Resp: 5751

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

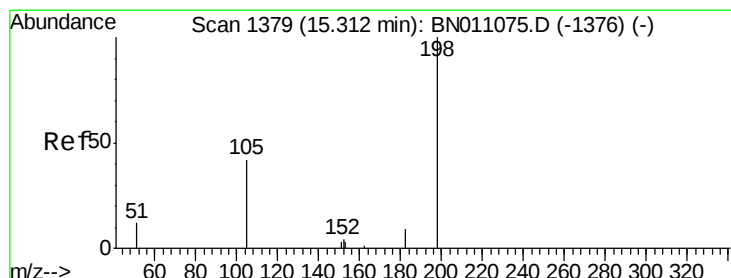
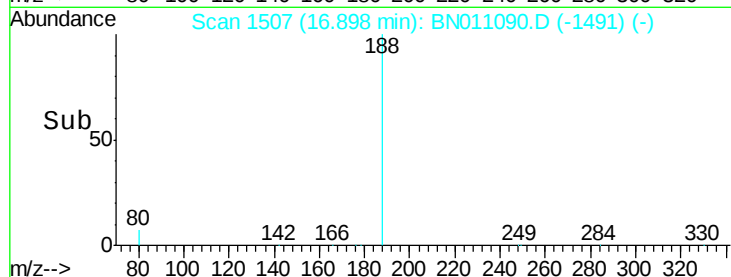
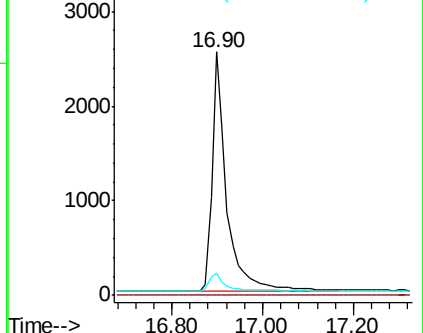
80 9.1 5.3 7.9#



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



#20

4,6-Dinitro-2-methylphenol

Concen: 0.003 ng

RT: 15.29 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

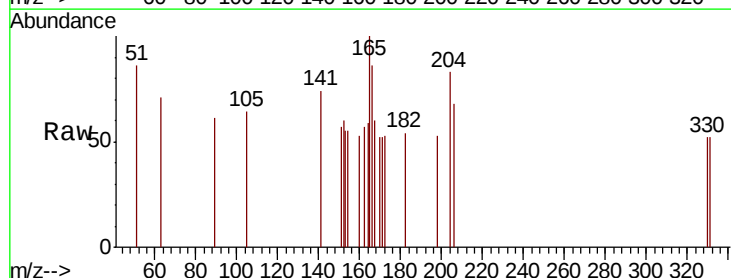
Tgt Ion:198 Resp: 2

Ion Ratio Lower Upper

198 100

51 163.0 58.2 87.4#

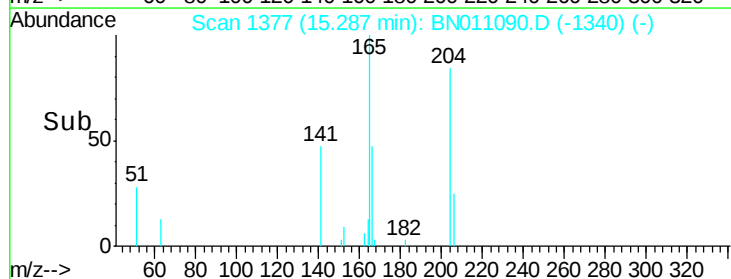
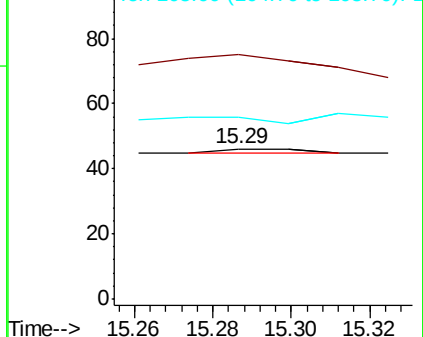
105 121.7 59.0 88.4#

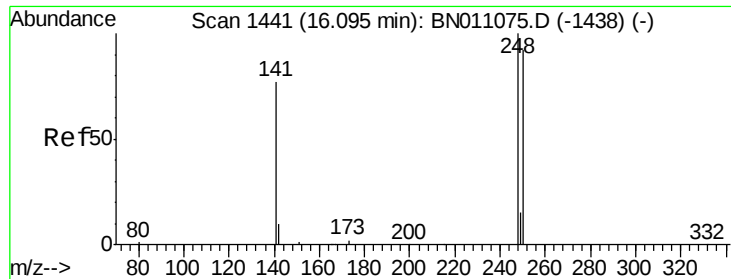


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

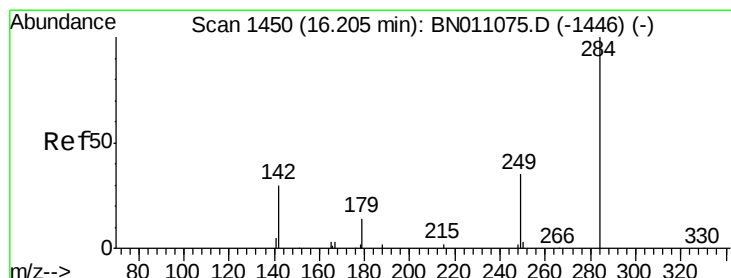
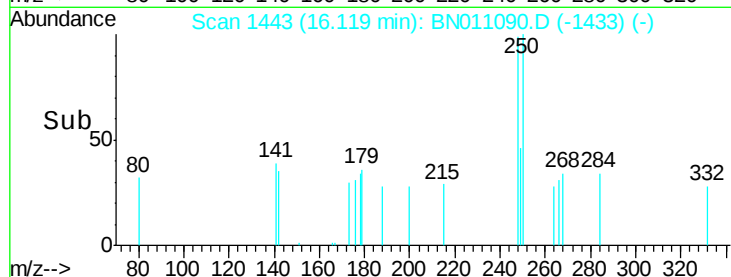
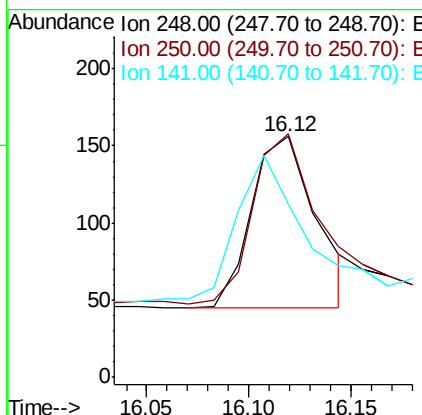
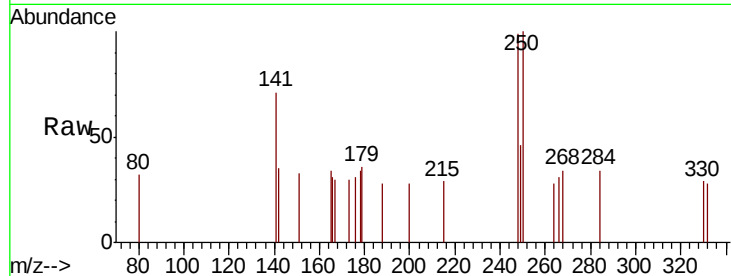




#21
4-Bromophenyl-phenylether
Concen: 0.064 ng
RT: 16.12 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BN011090.D
Acq: 02 Jul 2020 17:42

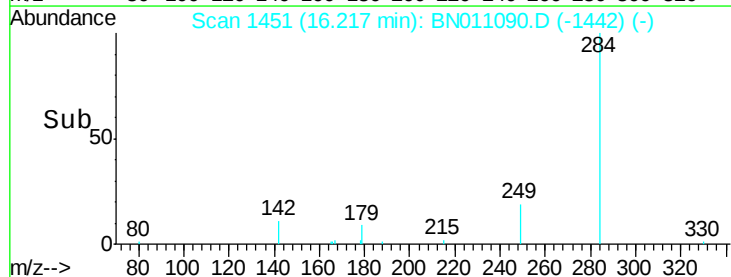
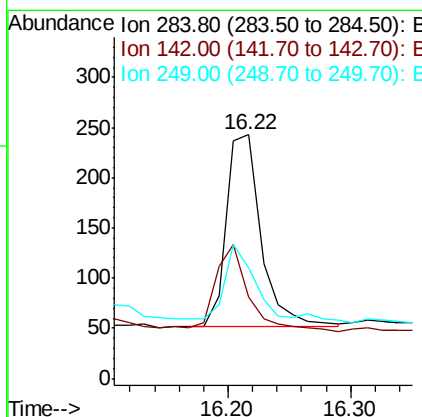
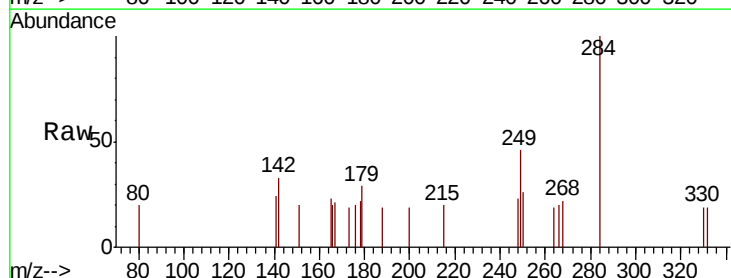
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-01

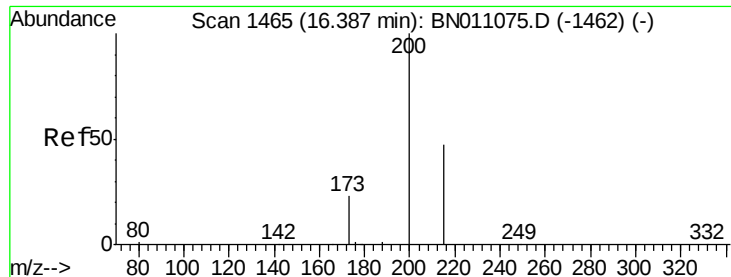
Tot Ion:248 Resp: 245
Ion Ratio Lower Upper
248 100
250 101.3 73.8 110.8
141 71.8 63.1 94.7



#22
Hexachlorobenzene
Concen: 0.083 ng
RT: 16.22 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BN011090.D
Acq: 02 Jul 2020 17:42

Tgt Ion:284 Resp: 373
Ion Ratio Lower Upper
284 100
142 44.0 33.3 49.9
249 39.4 27.4 41.2





#23

Atrazine

Concen: 0.093 ng

RT: 16.40 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-01

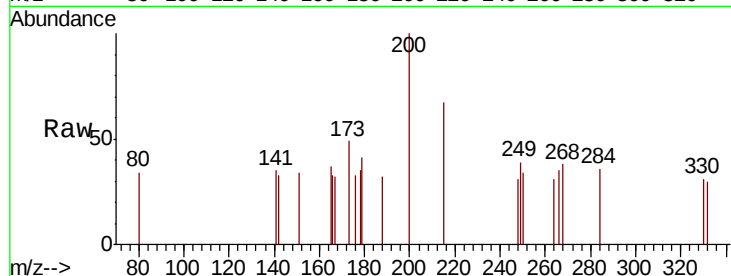
Tot Ion:200 Resp: 250

Ion Ratio Lower Upper

200 100

173 49.0 22.8 34.2#

215 67.3 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

16.40

150

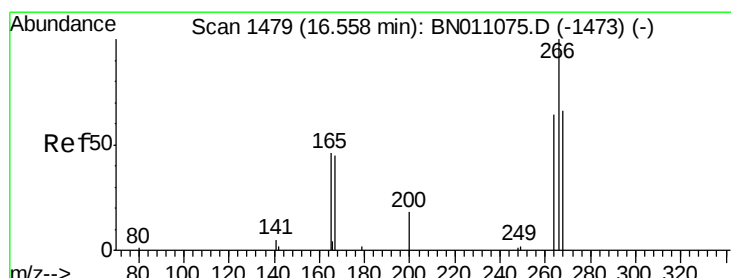
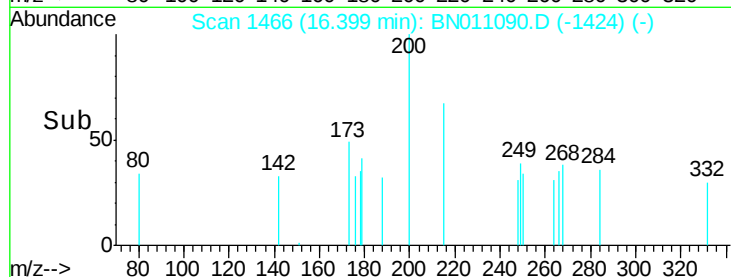
100

50

0

16.30 16.40 16.50

Time-->



#24

Pentachlorophenol

Concen: 0.181 ng

RT: 16.57 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

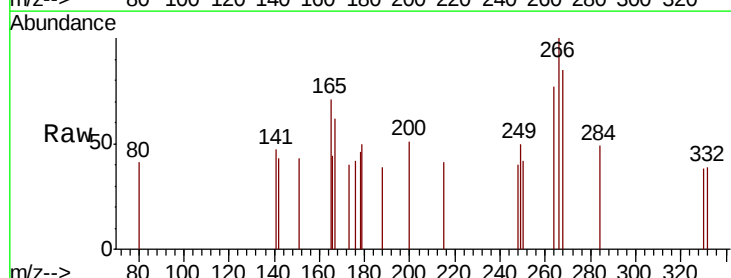
Tgt Ion:266 Resp: 219

Ion Ratio Lower Upper

266 100

264 64.8 47.4 71.0

268 63.5 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

16.57

150

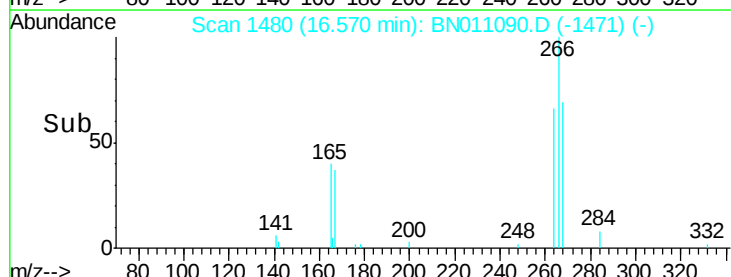
100

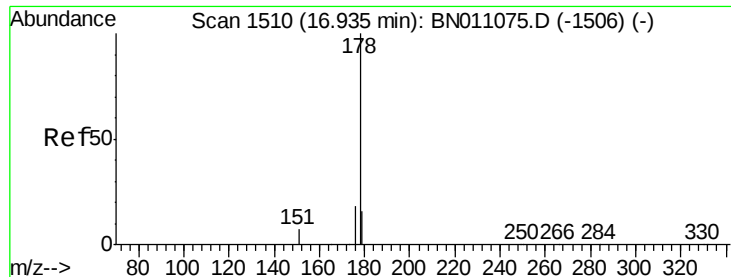
50

0

16.40 16.60 16.80

Time-->

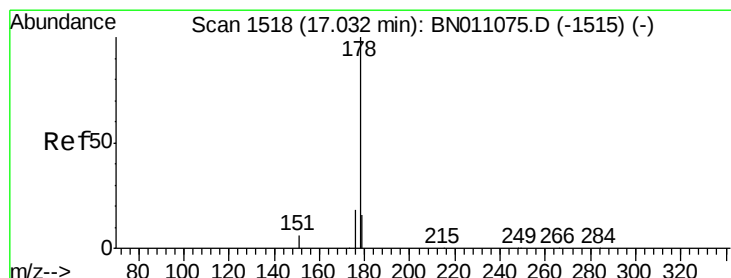
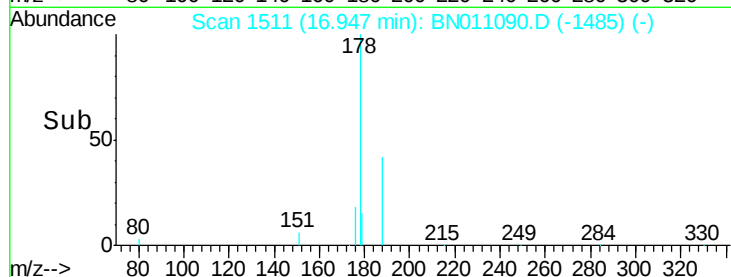
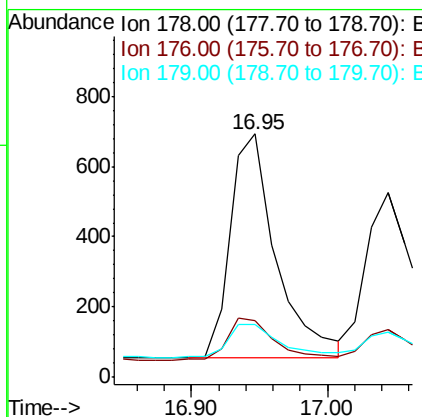
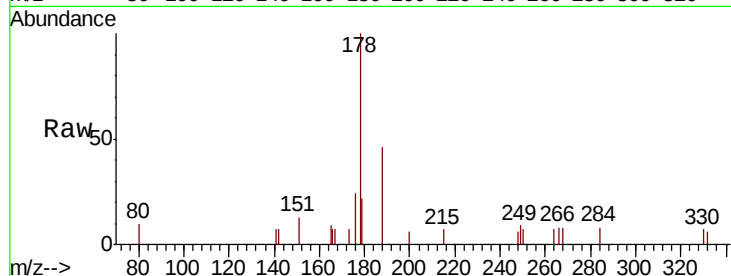




#25
Phenanthrene
Concen: 0.080 ng
RT: 16.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BN011090.D
Acq: 02 Jul 2020 17:42

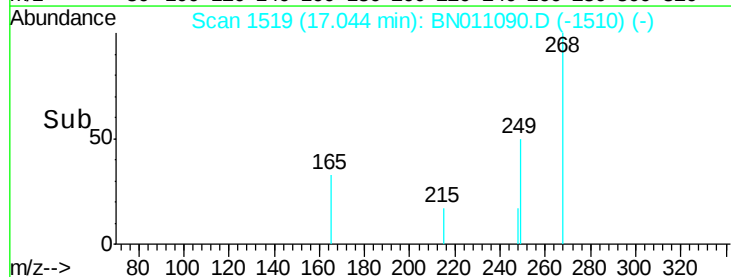
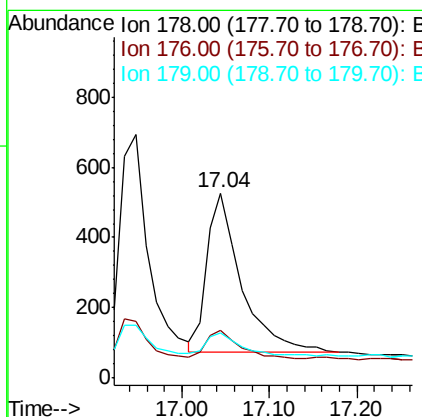
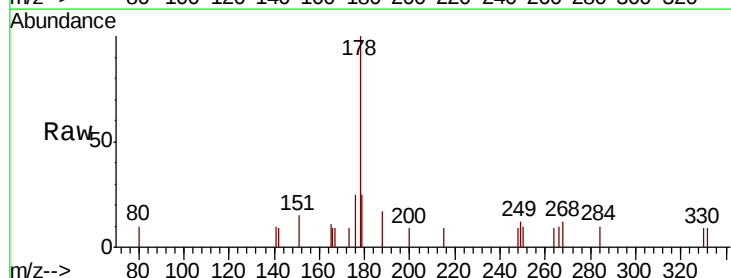
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-01

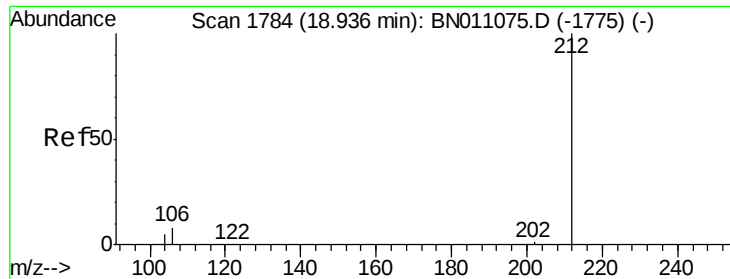
Tot Ion:178 Resp: 1492
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 16.2 12.5 18.7



#26
Anthracene
Concen: 0.079 ng
RT: 17.04 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BN011090.D
Acq: 02 Jul 2020 17:42

Tgt Ion:178 Resp: 1222
Ion Ratio Lower Upper
178 100
176 16.9 14.2 21.4
179 15.7 12.2 18.2





#27

Fluoranthene-d10

Concen: 0.347 ng

RT: 18.94 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-01

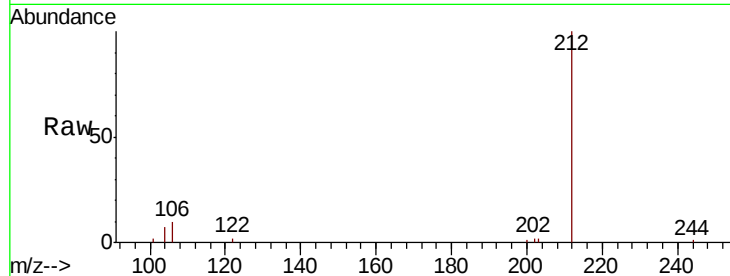
Tot Ion:212 Resp: 6042

Ion Ratio Lower Upper

212 100

106 8.9 7.1 10.7

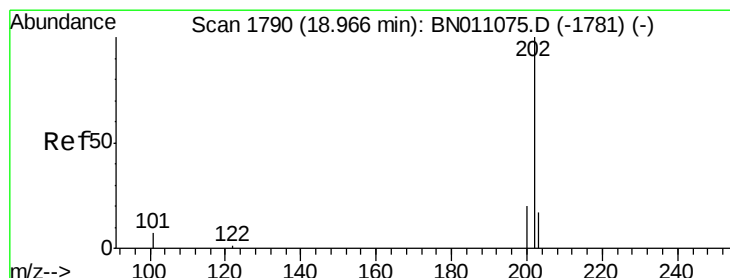
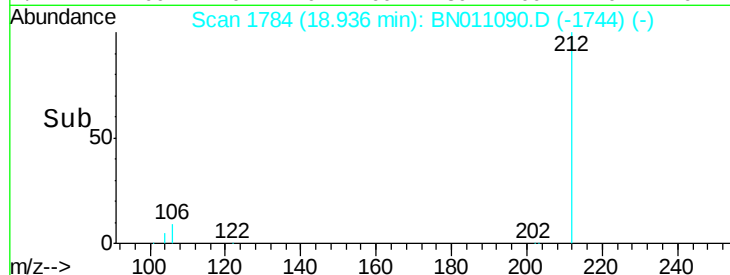
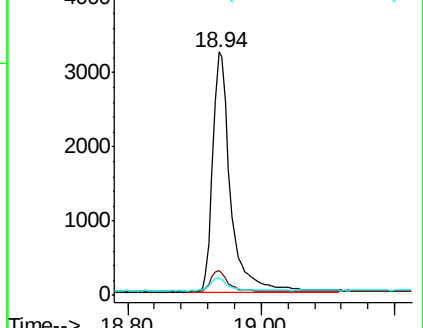
104 5.1 4.2 6.4



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: 0.083 ng

RT: 18.97 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

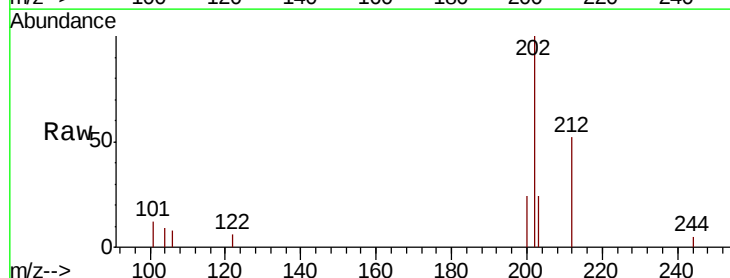
Tgt Ion:202 Resp: 1741

Ion Ratio Lower Upper

202 100

101 7.0 6.3 9.5

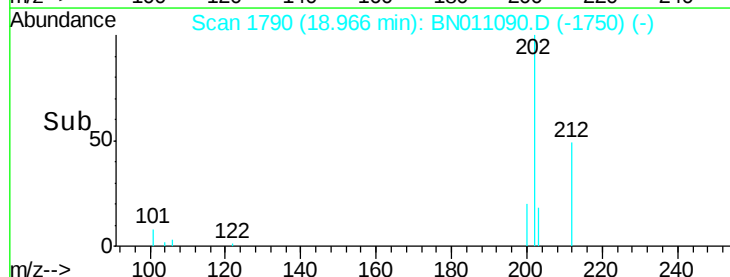
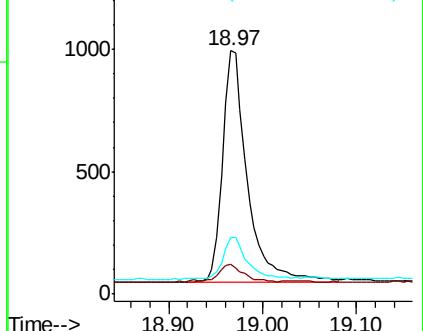
203 17.2 13.5 20.3

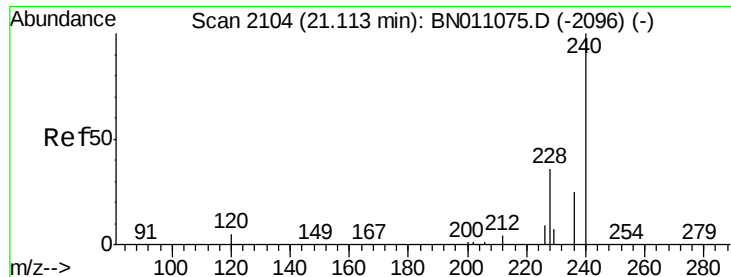


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN011090.D

Acq: 02 Jul 2020 17:42

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-01

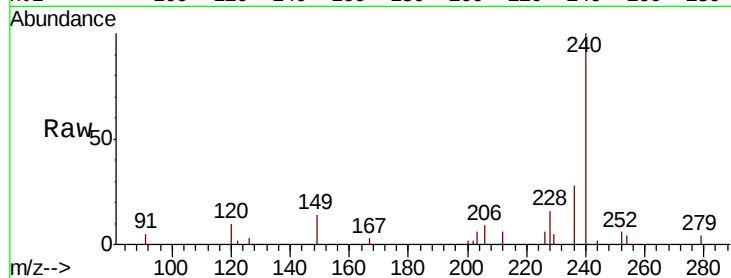
Tot Ion:240 Resp: 4871

Ion Ratio Lower Upper

240 100

120 9.6 6.5 9.7

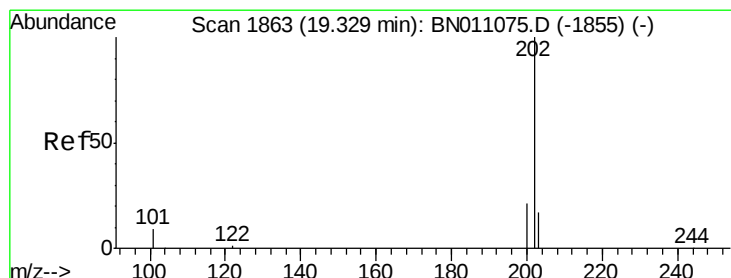
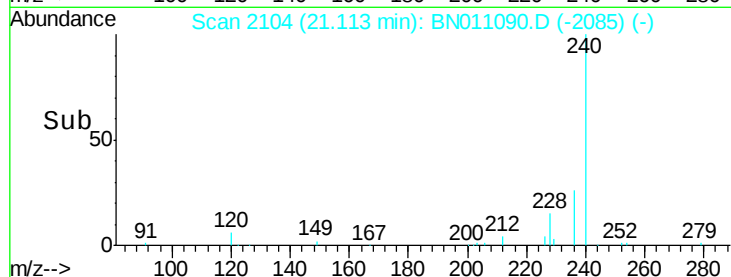
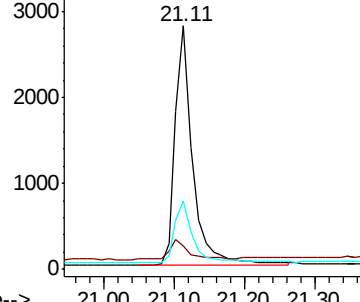
236 28.1 21.9 32.9



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: 0.094 ng

RT: 19.33 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

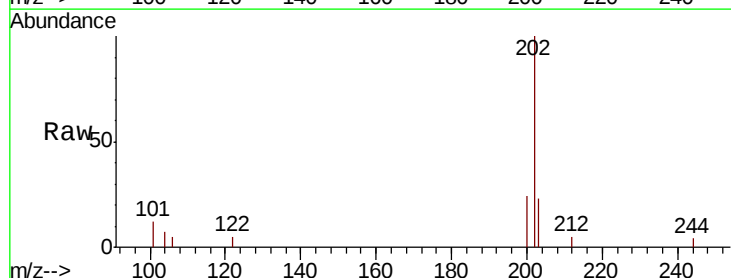
Tgt Ion:202 Resp: 1717

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

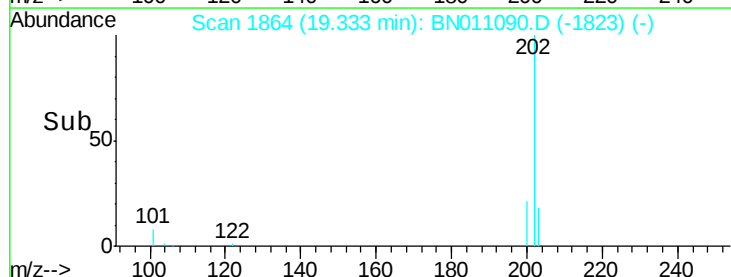
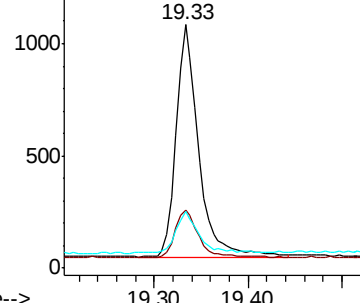
203 17.4 14.2 21.4

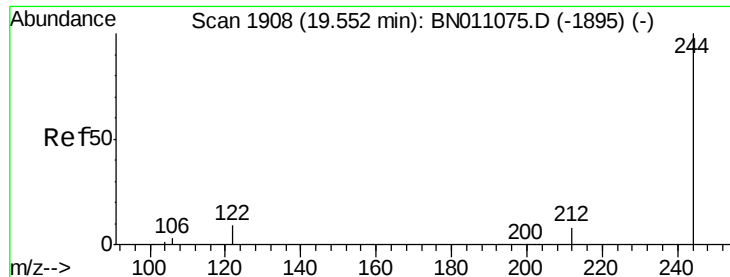


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.378 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-01

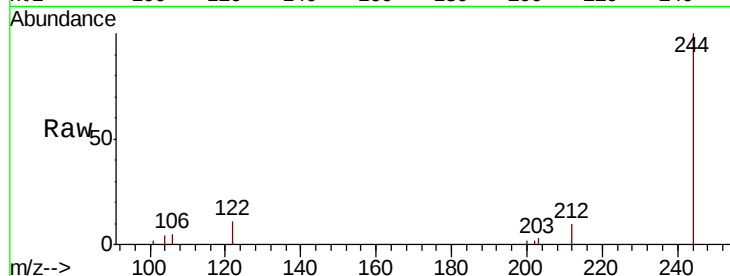
Tot Ion:244 Resp: 4788

Ion Ratio Lower Upper

244 100

212 10.0 7.5 11.3

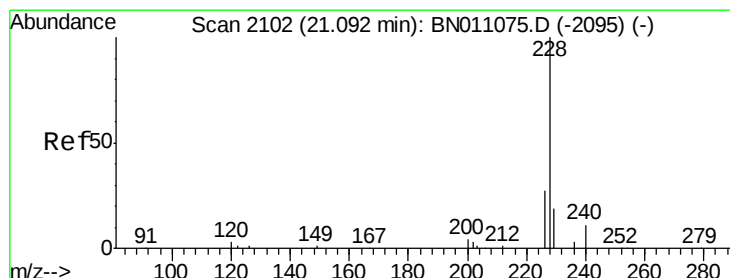
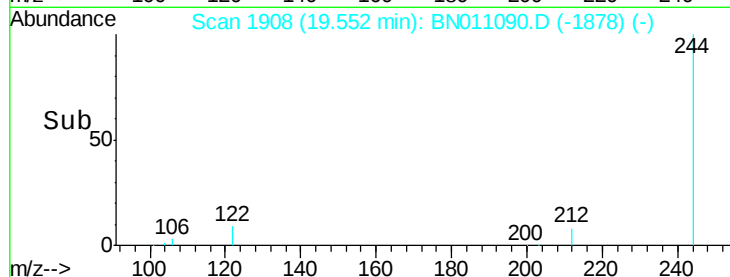
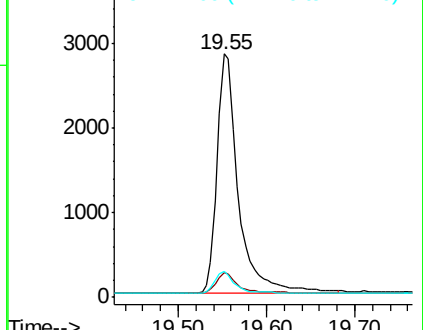
122 10.8 8.2 12.4



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: 0.086 ng

RT: 21.10 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

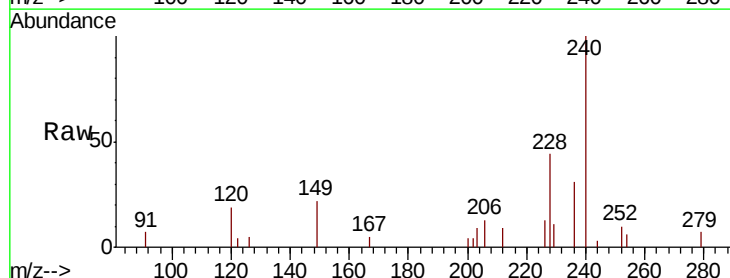
Tgt Ion:228 Resp: 1393

Ion Ratio Lower Upper

228 100

226 30.5 22.0 33.0

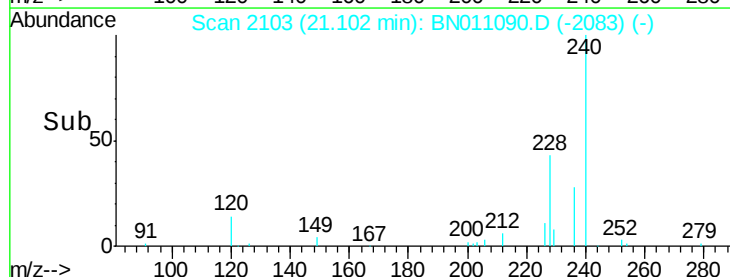
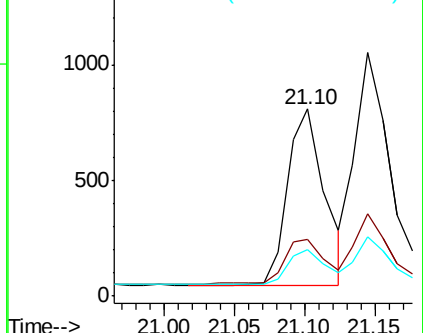
229 24.5 16.1 24.1#

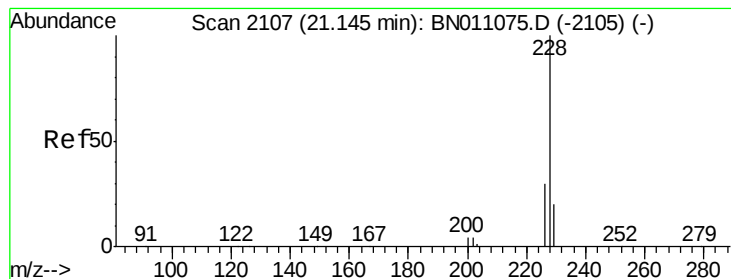


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.096 ng

RT: 21.14 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-01

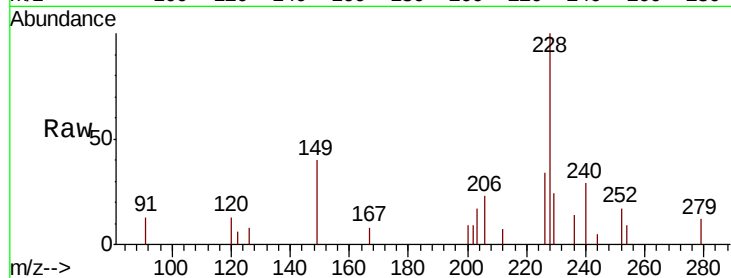
Tot Ion:228 Resp: 1785

Ion Ratio Lower Upper

228 100

226 33.7 24.0 36.0

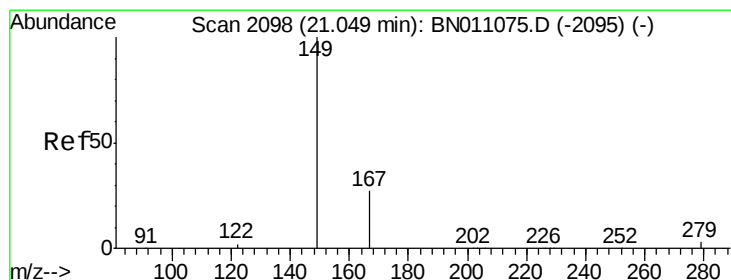
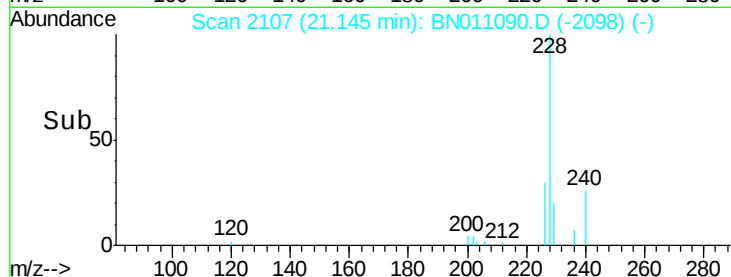
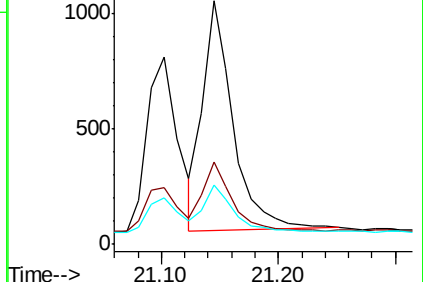
229 24.4 16.4 24.6



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: 0.136 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

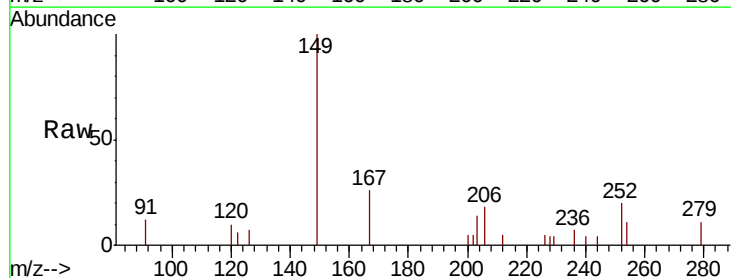
Tgt Ion:149 Resp: 897

Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

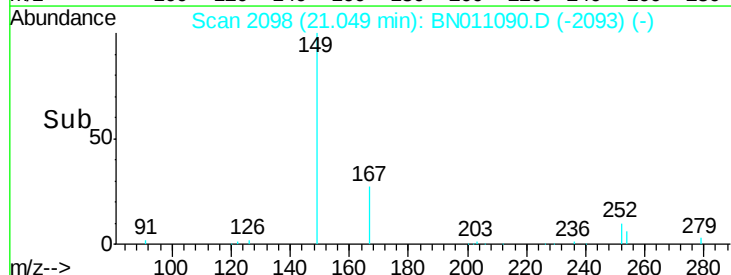
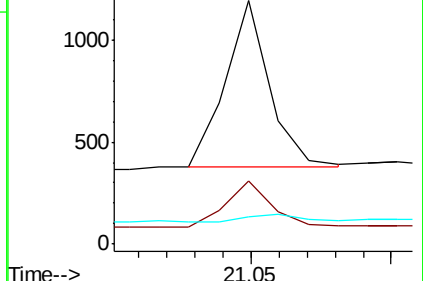
279 4.7 4.5 6.7

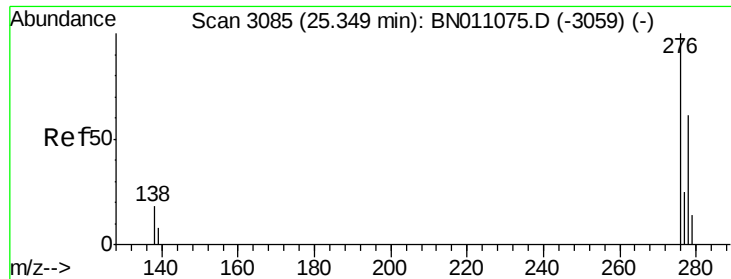


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

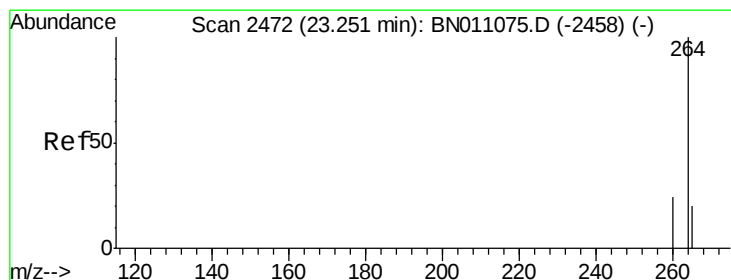
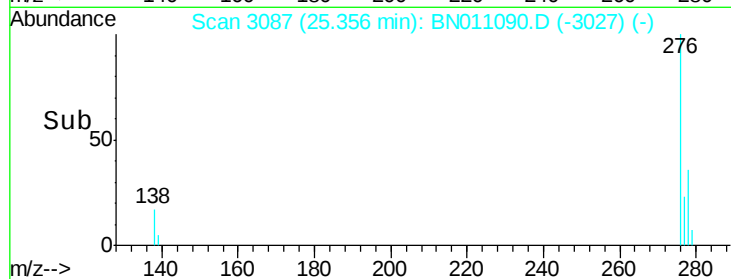
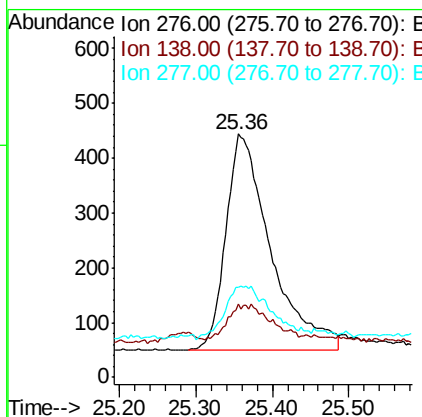
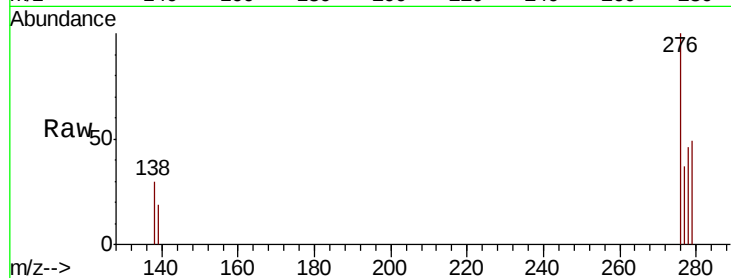




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng
RT: 25.36 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BN011090.D
Acq: 02 Jul 2020 17:42

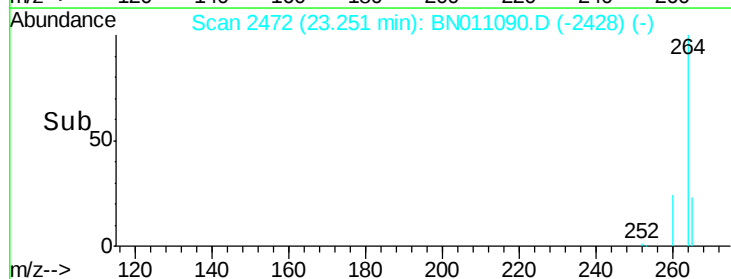
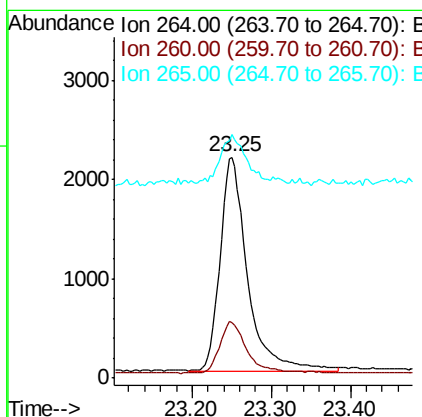
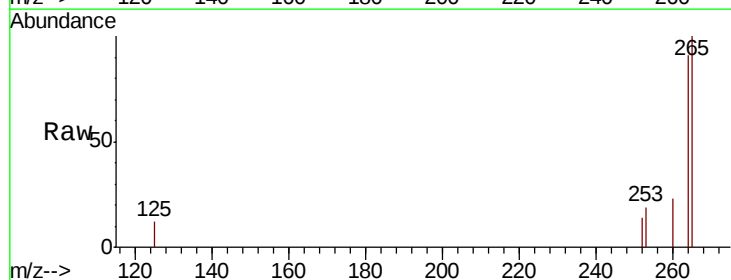
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-01

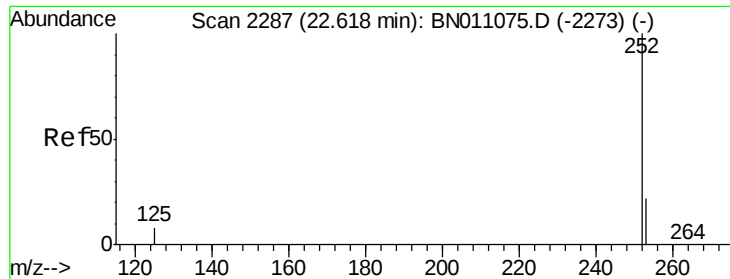
Tot Ion:276 Resp: 1609
Ion Ratio Lower Upper
276 100
138 5.2 15.4 23.0#
277 25.5 19.4 29.0



#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BN011090.D
Acq: 02 Jul 2020 17:42

Tgt Ion:264 Resp: 5177
Ion Ratio Lower Upper
264 100
260 25.3 20.4 30.6
265 110.3 83.0 124.6

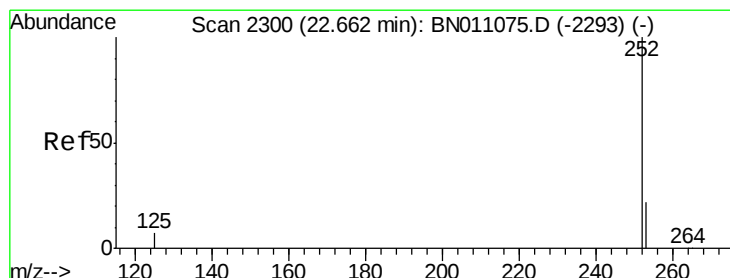
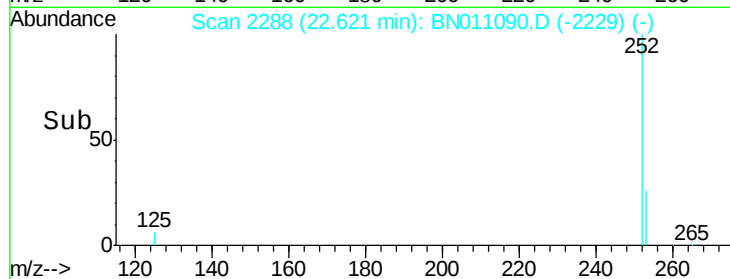
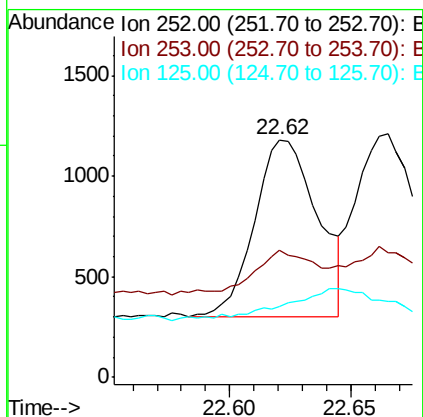
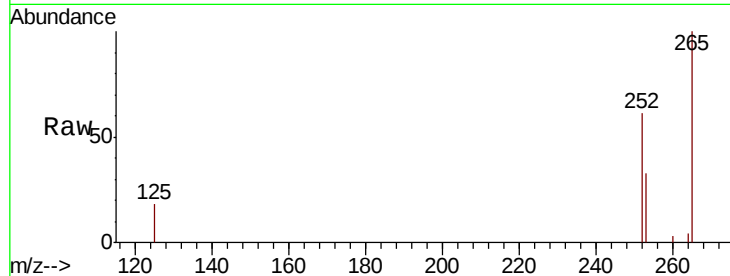




#37
Benzo(b)fluoranthene
Concen: 0.077 ng
RT: 22.62 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BN011090.D
Acq: 02 Jul 2020 17:42

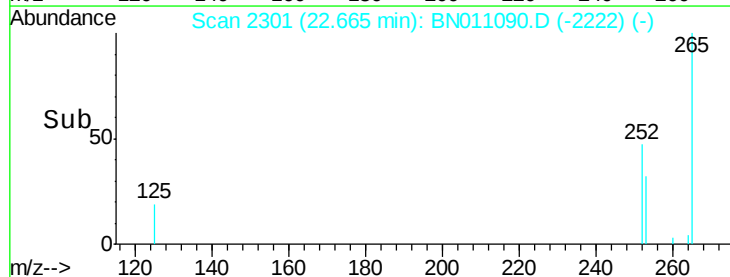
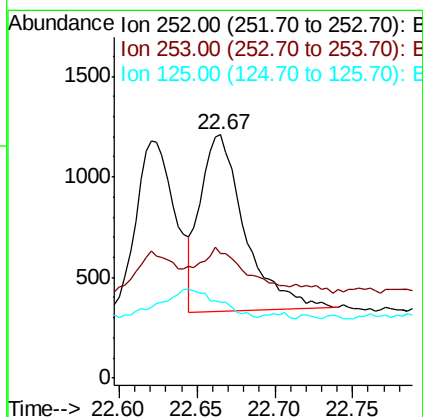
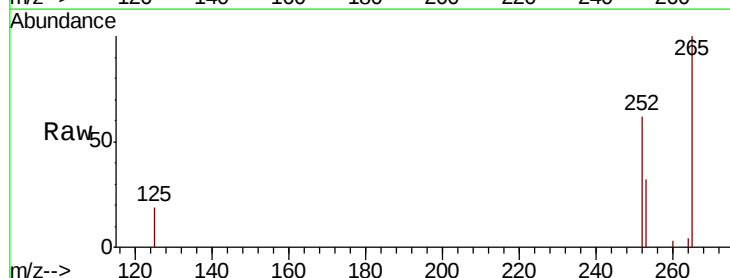
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-01

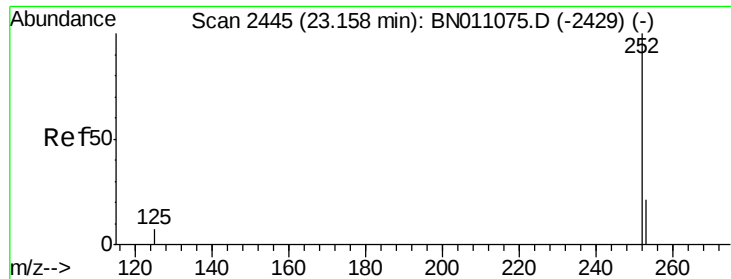
Tot Ion:252 Resp: 1591
Ion Ratio Lower Upper
252 100
253 53.8 22.7 34.1#
125 30.0 10.4 15.6#



#38
Benzo(k)fluoranthene
Concen: 0.078 ng
RT: 22.67 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BN011090.D
Acq: 02 Jul 2020 17:42

Tgt Ion:252 Resp: 1741
Ion Ratio Lower Upper
252 100
253 51.3 22.9 34.3#
125 31.2 10.6 15.8#





#39

Benzo(a)pyrene

Concen: 0.081 ng

RT: 23.16 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-01

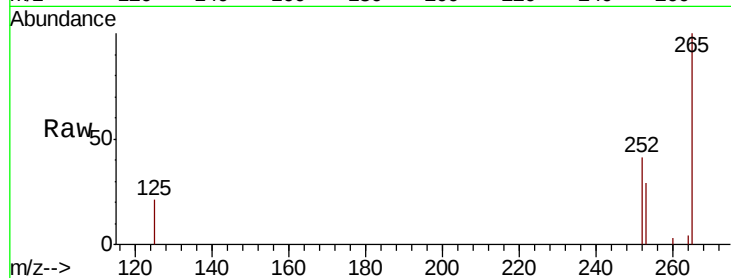
Tot Ion:252 Resp: 1452

Ion Ratio Lower Upper

252 100

253 68.8 25.9 38.9#

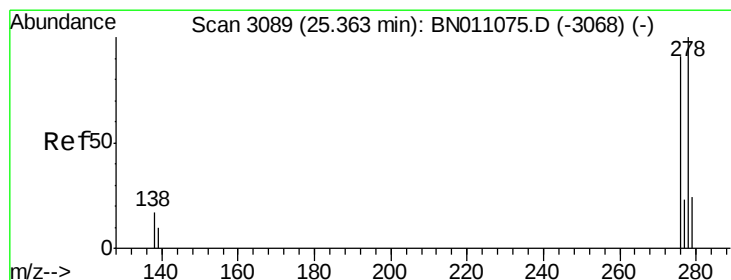
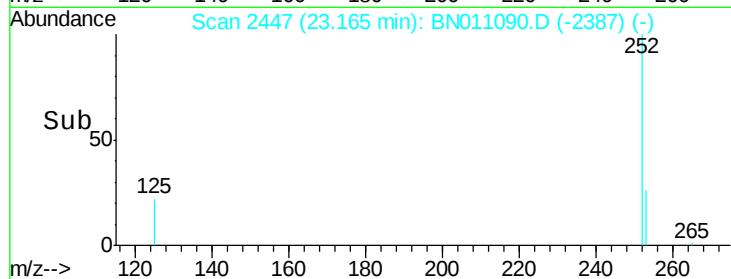
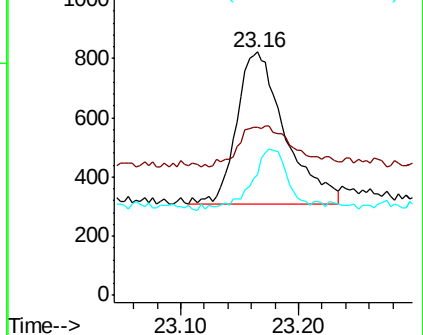
125 49.8 12.5 18.7#



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: 0.063 ng

RT: 25.38 min Scan# 3094

Delta R.T. 0.02 min

Lab File: BN011090.D

Acq: 02 Jul 2020 17:42

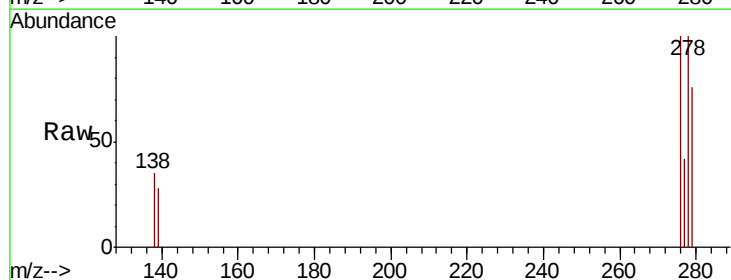
Tgt Ion:278 Resp: 1152

Ion Ratio Lower Upper

278 100

139 28.3 11.9 17.9#

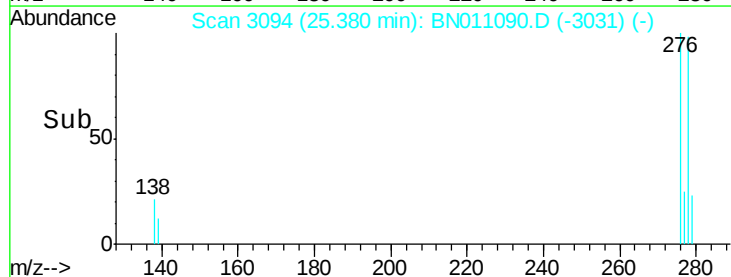
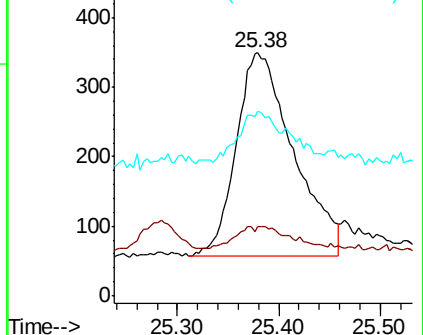
279 75.7 25.5 38.3#

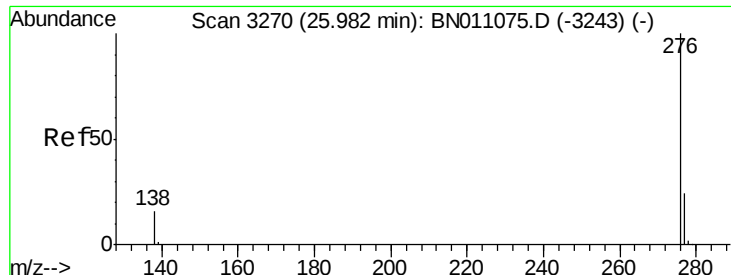


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.082 ng

RT: 25.98 min Scan# 3270

Delta R.T. -0.00 min

Lab File: BN011090.D

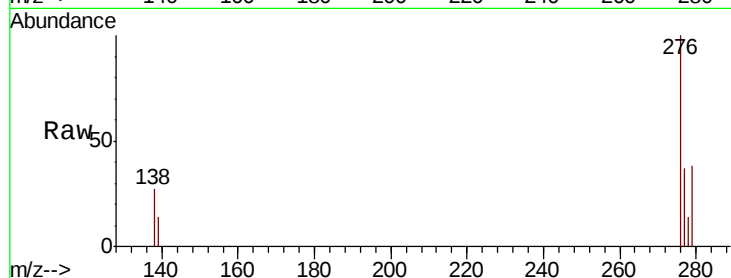
Acq: 02 Jul 2020 17:42

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-01



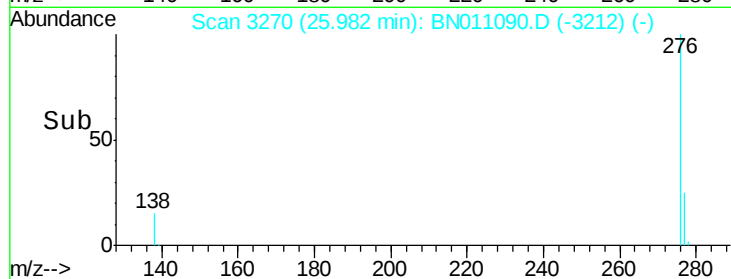
Tot Ion: 276 Resp: 1650

Ion Ratio Lower Upper

276 100

277 37.1 21.1 31.7#

138 26.9 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

