

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070620\
 Data File : BN011105.D
 Acq On : 06 Jul 2020 15:07
 Operator : CG/JU
 Sample : L1955-12
 Misc : MDL-WTR--05
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-05

Quant Time: Jul 06 15:41:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 06 12:31:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1883	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	5918	0.40	ng	-0.01
13) Acenaphthene-d10	14.13	164	3113	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	6264	0.40	ng	0.00
29) Chrysene-d12	21.11	240	5424	0.40	ng	0.01
36) Perylene-d12	23.25	264	5237	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	1681	0.36	ng	0.00
5) Phenol-d6	6.71	99	1785	0.33	ng	0.00
8) Nitrobenzene-d5	8.66	82	1577	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.85	152	3404	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	420	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.75	172	4301	0.29	ng	0.00
27) Fluoranthene-d10	18.93	212	6335	0.33	ng	0.00
31) Terphenyl-d14	19.55	244	4866	0.34	ng	0.00

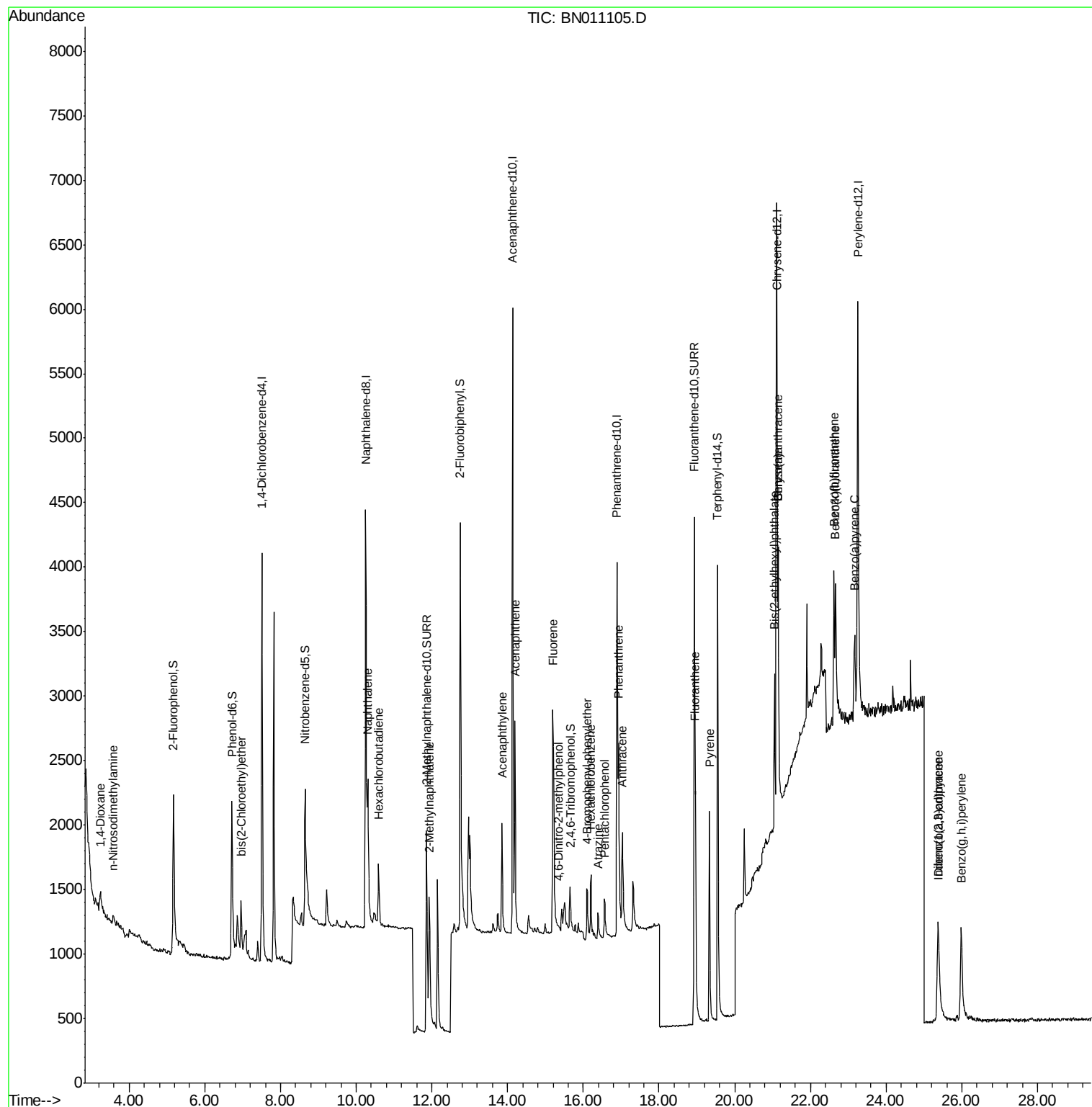
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	220	0.083	ng	# 95
3) n-Nitrosodimethylamine	3.59	42	89	0.066	ng	# 84
6) bis(2-Chloroethyl)ether	6.96	93	499	0.102	ng	91
9) Naphthalene	10.30	128	1567	0.089	ng	# 86
10) Hexachlorobutadiene	10.60	225	390	0.087	ng	# 97
12) 2-Methylnaphthalene	11.93	142	1023	0.087	ng	# 95
16) Acenaphthylene	13.85	152	1248	0.080	ng	99
17) Acenaphthene	14.20	154	847	0.080	ng	96
18) Fluorene	15.20	166	1162	0.088	ng	99
20) 4,6-Dinitro-2-methylphenol	15.34	198	32	0.048	ng	# 47
21) 4-Bromophenyl-phenylether	16.10	248	296	0.071	ng	# 90
22) Hexachlorobenzene	16.20	284	426	0.087	ng	95
23) Atrazine	16.39	200	255	0.087	ng	# 78
24) Pentachlorophenol	16.57	266	277	0.210	ng	95
25) Phenanthrene	16.93	178	1640	0.081	ng	98
26) Anthracene	17.03	178	1246	0.074	ng	96
28) Fluoranthene	18.96	202	1866	0.082	ng	99
30) Pyrene	19.33	202	1869	0.092	ng	99
32) Benzo(a)anthracene	21.15	228	1858	0.103	ng	92
33) Chrysene	21.15	228	1800	0.087	ng	95
34) Bis(2-ethylhexyl)phthalate	21.05	149	925	0.126	ng	# 97
35) Indeno(1,2,3-cd)pyrene	25.36	276	1500	0.069	ng	# 90
37) Benzo(b)fluoranthene	22.62	252	1599	0.076	ng	# 61
38) Benzo(k)fluoranthene	22.66	252	1648	0.073	ng	# 59
39) Benzo(a)pyrene	23.17	252	1329	0.073	ng	# 42
40) Dibenzo(a,h)anthracene	25.38	278	1088	0.059	ng	# 39
41) Benzo(g,h,i)perylene	25.98	276	1782	0.087	ng	# 84

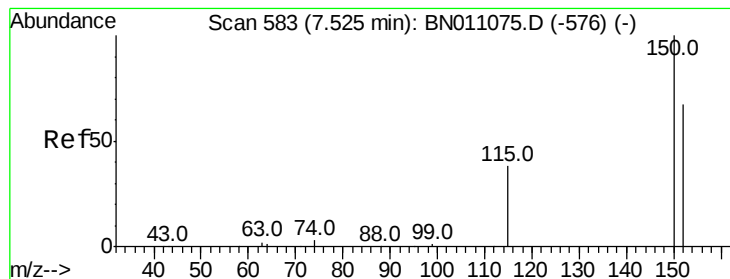
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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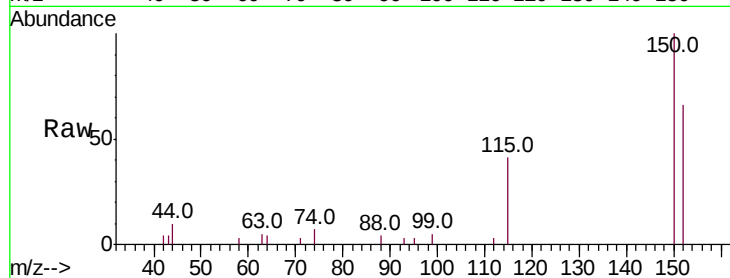


#1

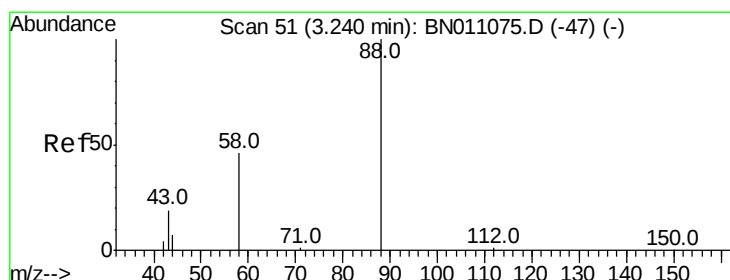
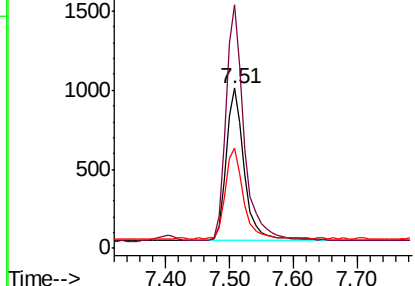
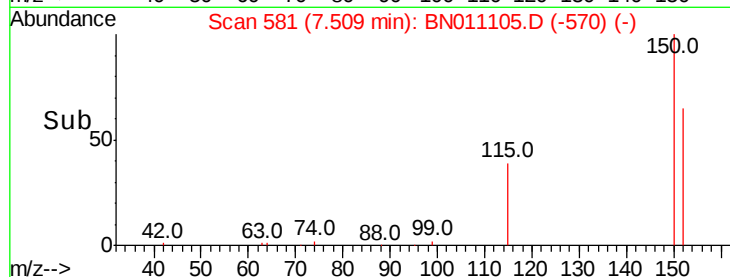
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.01 min
Lab File: BN011105.D
Acq: 06 Jul 2020 15:07

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-05

Tot Ion:152 Resp: 1883
Ion Ratio Lower Upper
152 100
150 151.9 117.4 176.0
115 62.6 47.9 71.9



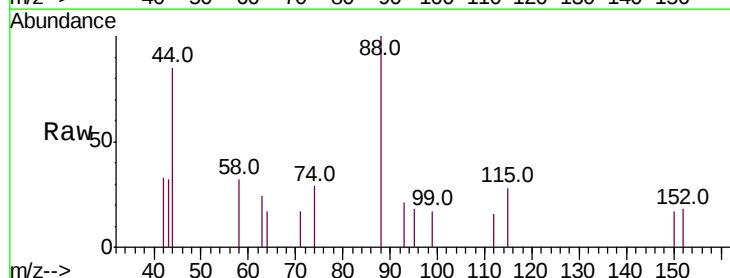
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



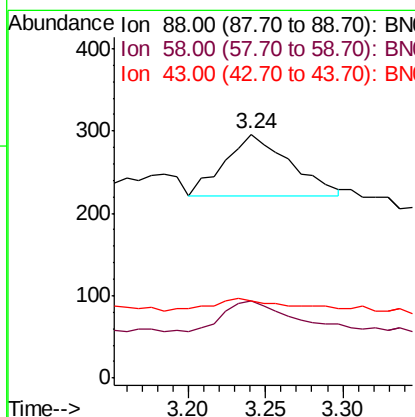
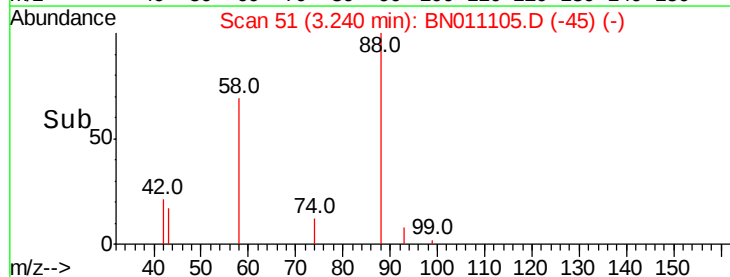
#2

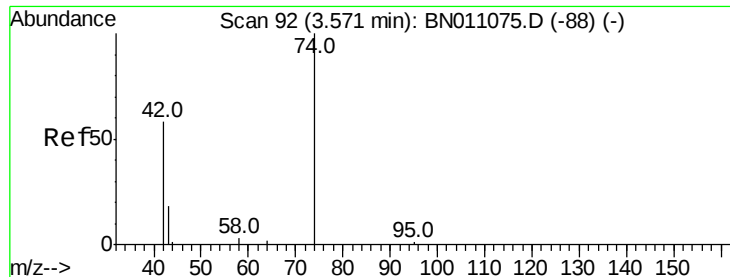
1,4-Dioxane
Concen: 0.083 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011105.D
Acq: 06 Jul 2020 15:07

Tgt Ion: 88 Resp: 220
Ion Ratio Lower Upper
88 100
58 49.5 38.6 57.8
43 12.7 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



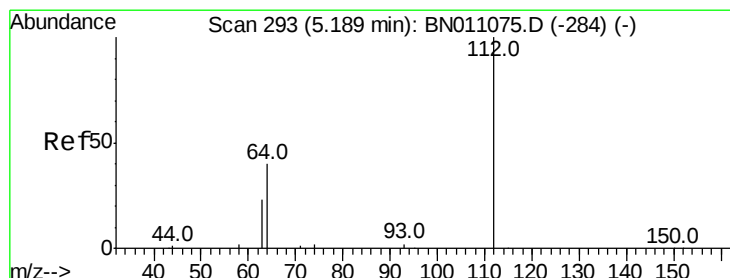
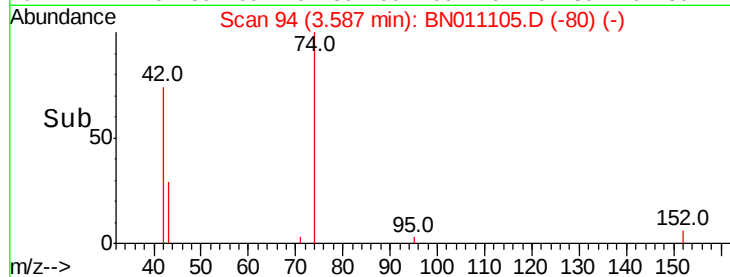
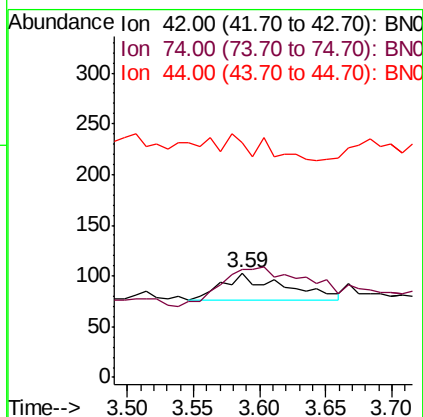
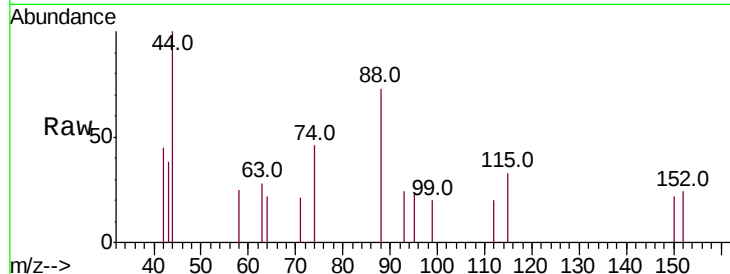


#3

n-Nitrosodimethylamine
 Concen: 0.066 ng
 RT: 3.59 min Scan# 94
 Delta R.T. 0.02 min
 Lab File: BN01105.D
 Acq: 06 Jul 2020 15:07

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-05

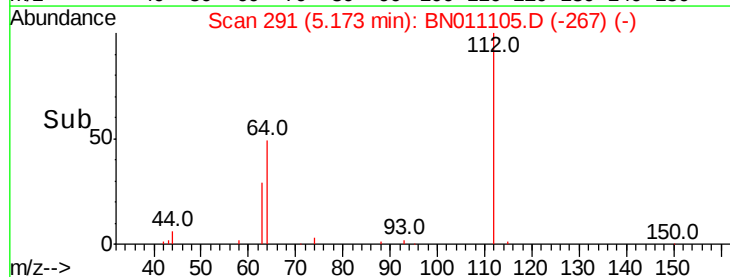
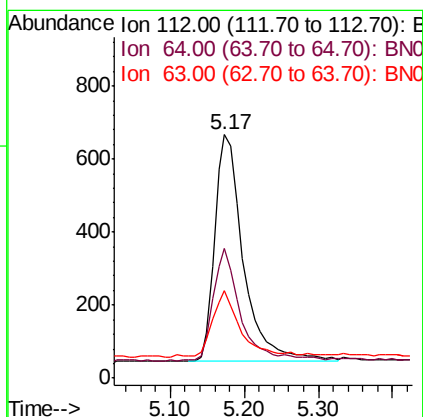
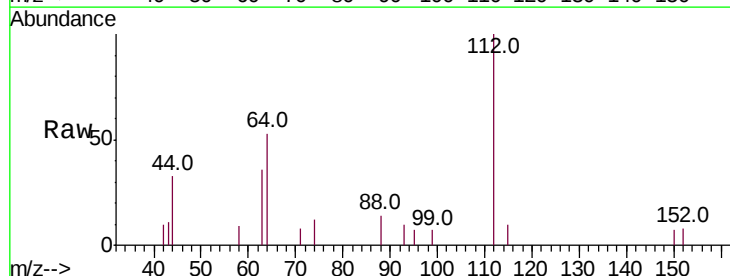
Tot Ion: 42 Resp: 89
 Ion Ratio Lower Upper
 42 100
 74 200.0 142.5 213.7
 44 0.0 0.0 0.0

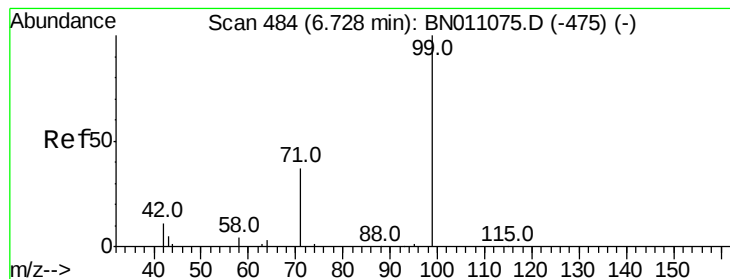


#4

2-Fluorophenol
 Concen: 0.359 ng
 RT: 5.17 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: BN01105.D
 Acq: 06 Jul 2020 15:07

Tgt Ion: 112 Resp: 1681
 Ion Ratio Lower Upper
 112 100
 64 46.3 36.5 54.7
 63 26.9 20.6 30.8





#5

Phenol-d6

Concen: 0.331 ng

RT: 6.71 min Scan# 482

Delta R.T. -0.01 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-05

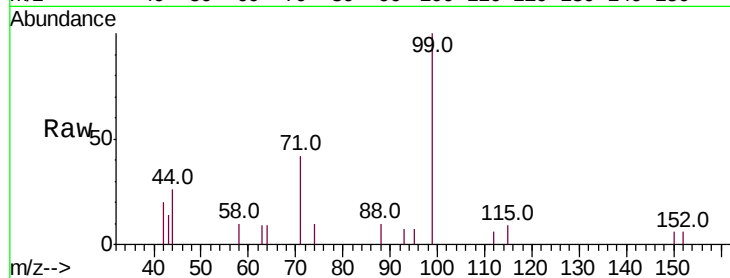
Tot Ion: 99 Resp: 1785

Ion Ratio Lower Upper

99 100

42 13.6 9.8 14.8

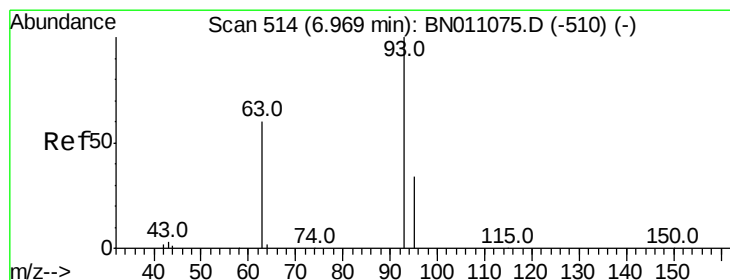
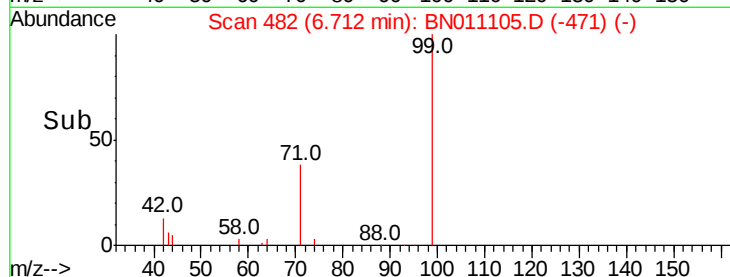
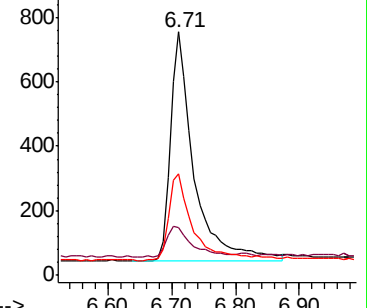
71 39.4 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011105.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011105.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011105.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.102 ng

RT: 6.96 min Scan# 513

Delta R.T. 0.00 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

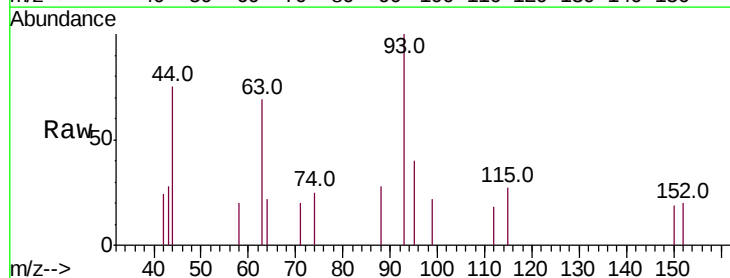
Tgt Ion: 93 Resp: 499

Ion Ratio Lower Upper

93 100

63 51.1 47.4 71.2

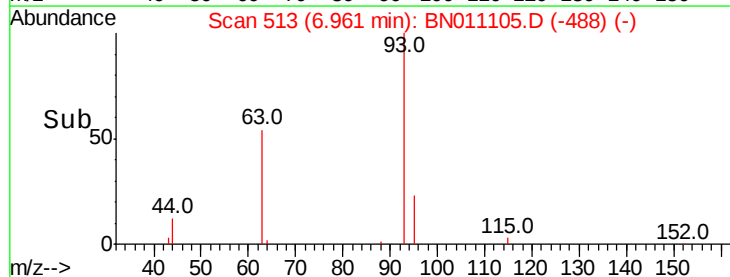
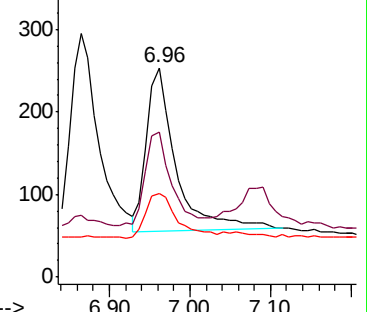
95 29.3 26.4 39.6

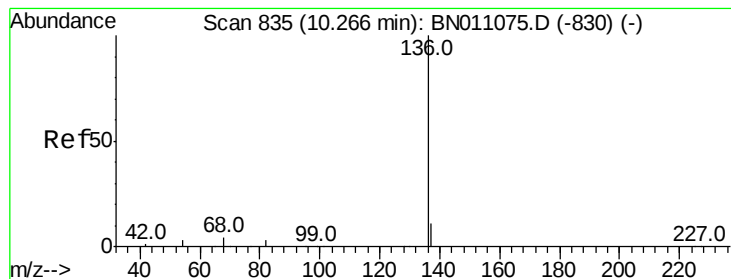


Abundance Ion 93.00 (92.70 to 93.70): BN011105.D (-510) (-)

Ion 63.00 (62.70 to 63.70): BN011105.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN011105.D (-510) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. -0.01 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-05

Tot Ion:136 Resp: 5918

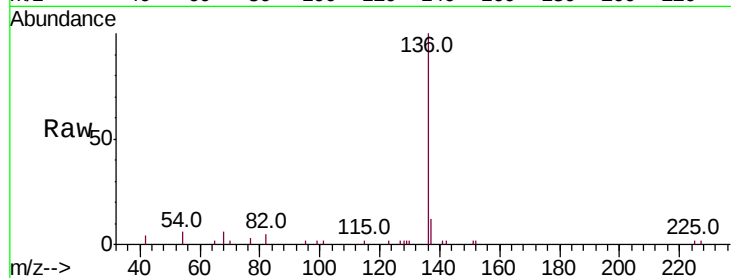
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 5.9 3.8 5.6#

68 5.9 4.3 6.5

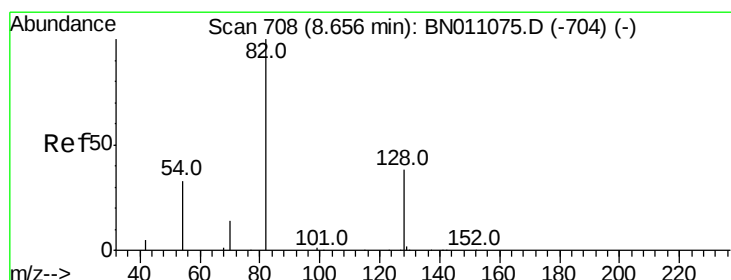
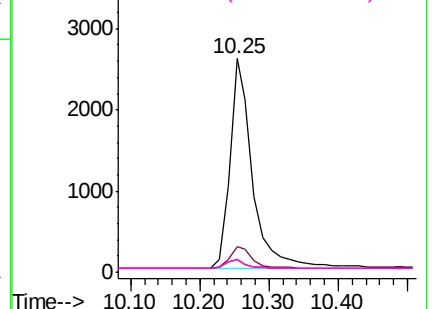
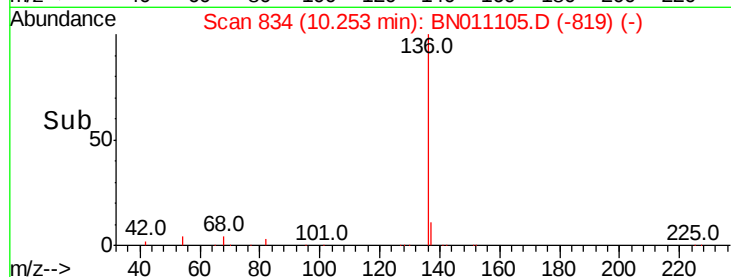


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.66 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

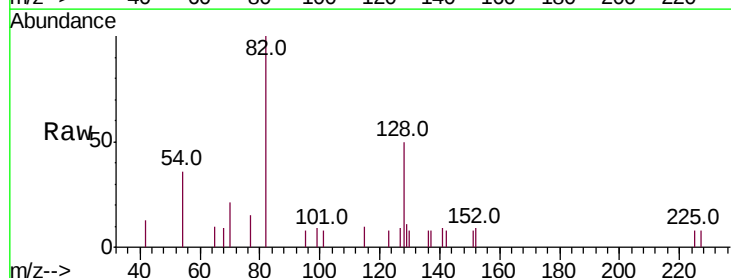
Tgt Ion: 82 Resp: 1577

Ion Ratio Lower Upper

82 100

128 49.8 34.2 51.2

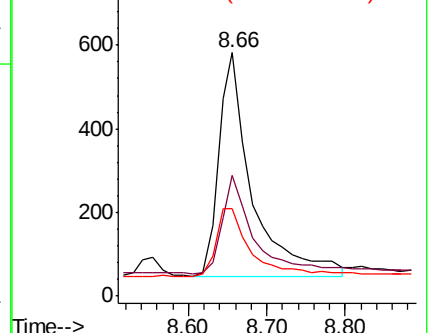
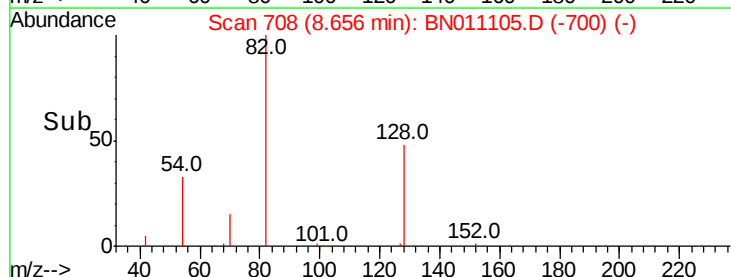
54 36.1 29.4 44.0

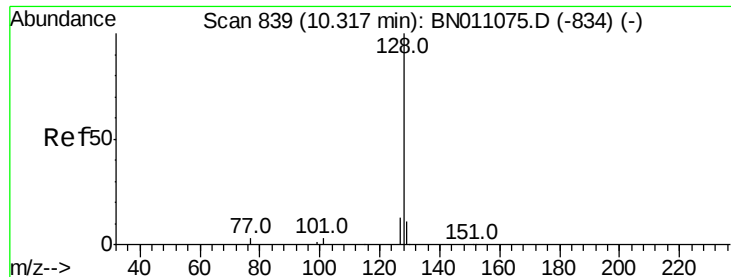


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.089 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN01105.D

Acq: 06 Jul 2020 15:07

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-05

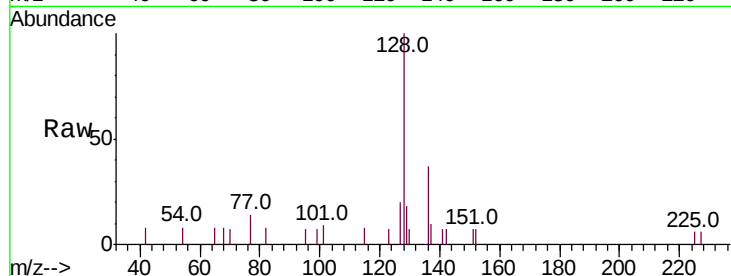
Tot Ion:128 Resp: 1567

Ion Ratio Lower Upper

128 100

129 17.7 9.8 14.8#

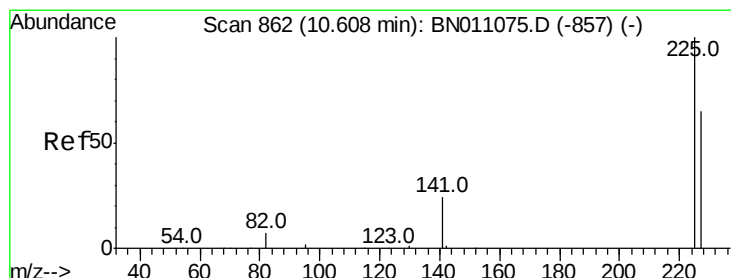
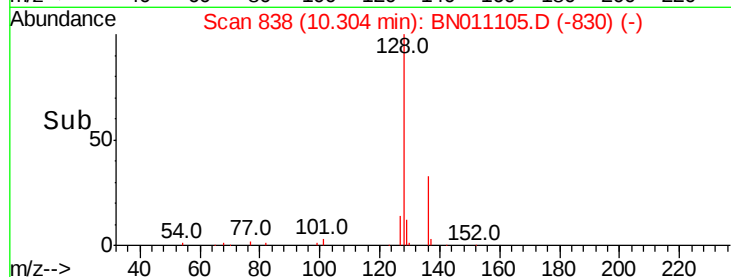
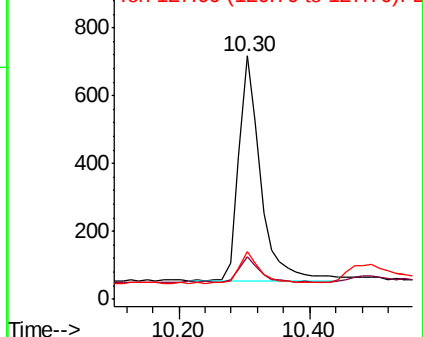
127 19.5 11.3 16.9#



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: 0.087 ng

RT: 10.60 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN01105.D

Acq: 06 Jul 2020 15:07

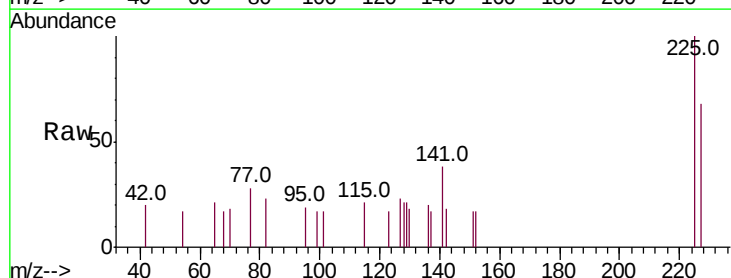
Tgt Ion:225 Resp: 390

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

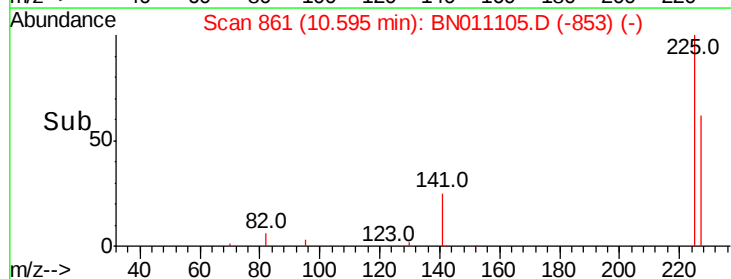
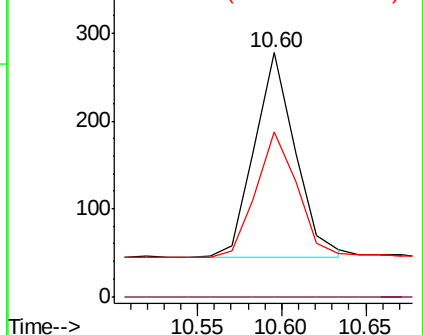
227 62.3 51.4 77.2

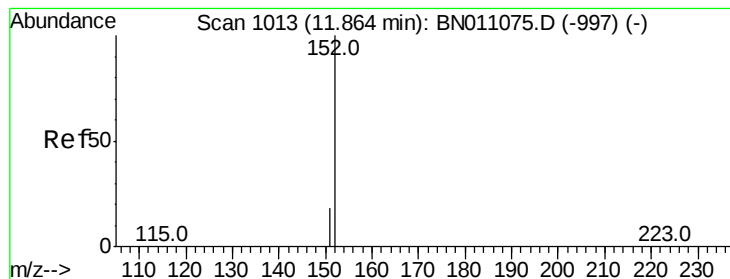


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.332 ng

RT: 11.85 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

Instrument :

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ClientSampleId :

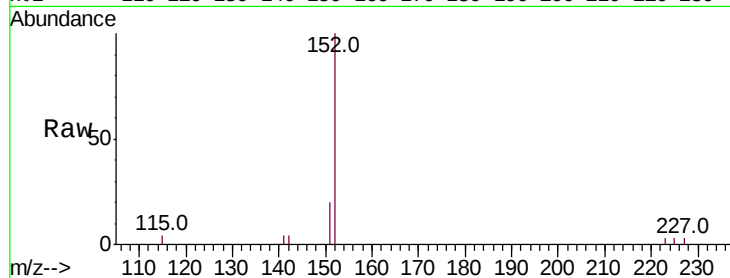
MDL-WATER-05

Tot Ion:152 Resp: 3404

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

11.85

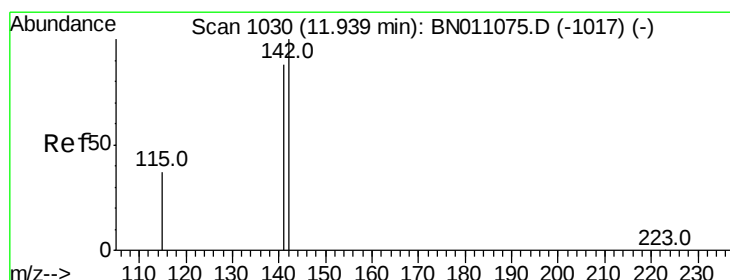
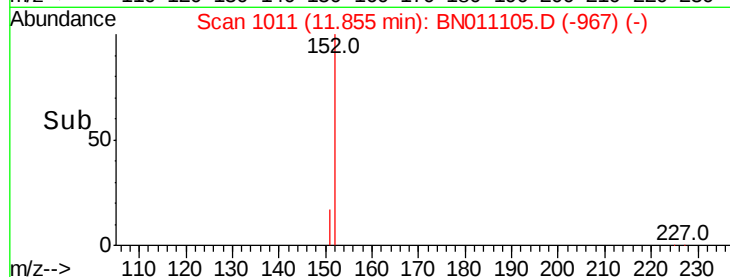
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.087 ng

RT: 11.93 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

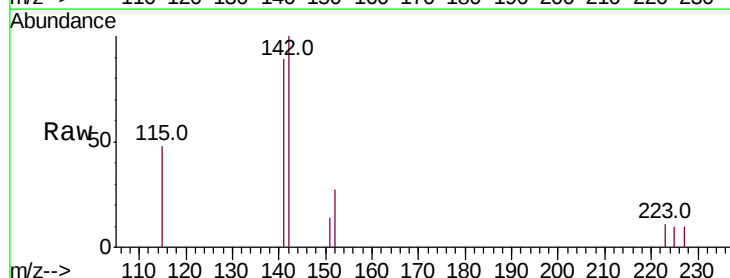
Tgt Ion:142 Resp: 1023

Ion Ratio Lower Upper

142 100

141 88.9 70.3 105.5

115 48.1 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

11.93

600

500

400

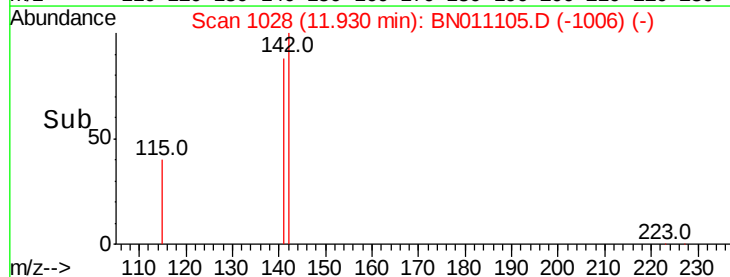
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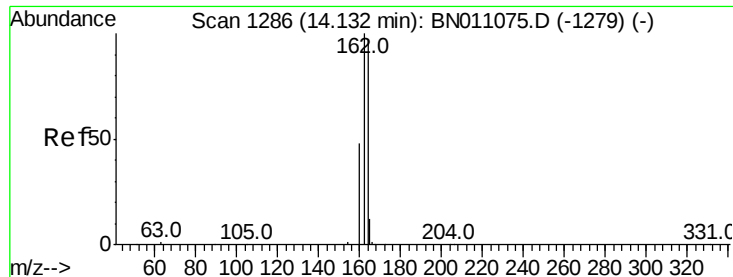
200

100

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BN01105.D

Acq: 06 Jul 2020 15:07

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-05

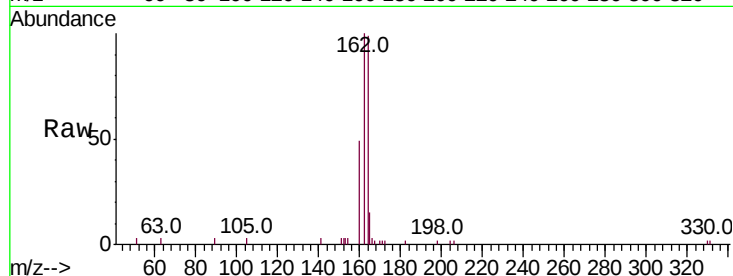
Tot Ion:164 Resp: 3113

Ion Ratio Lower Upper

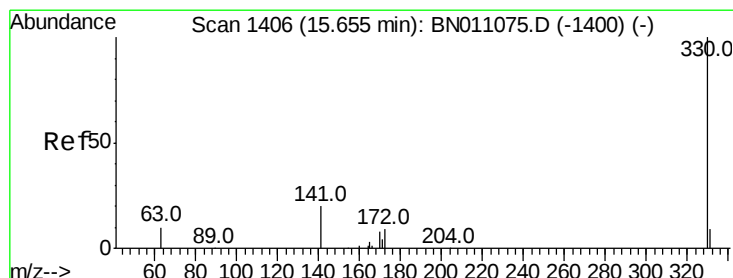
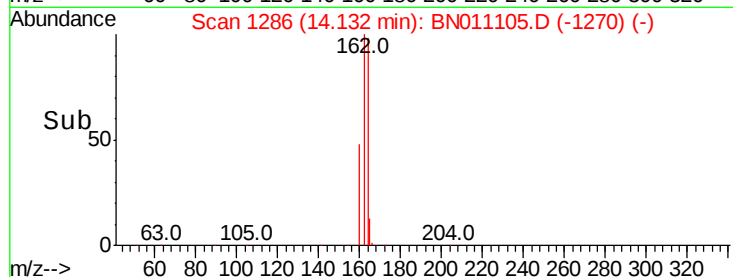
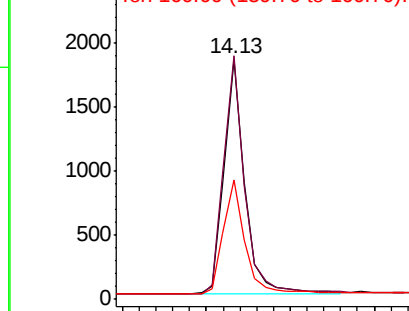
164 100

162 101.4 82.3 123.5

160 50.0 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: 0.321 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN01105.D

Acq: 06 Jul 2020 15:07

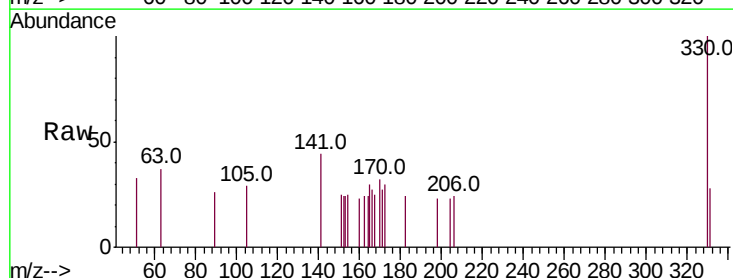
Tgt Ion:330 Resp: 420

Ion Ratio Lower Upper

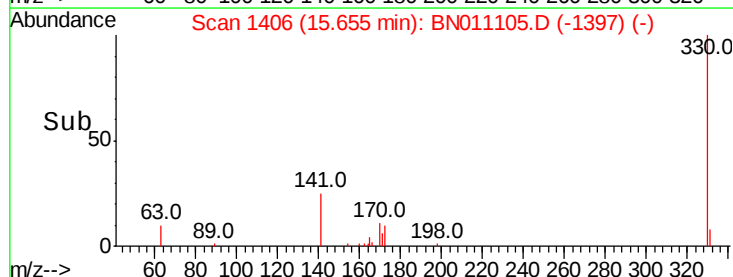
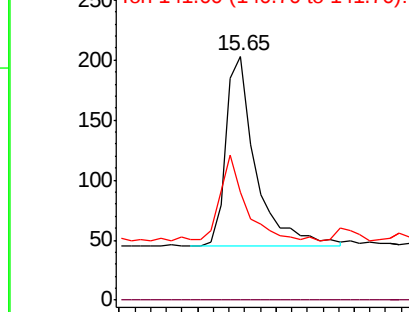
330 100

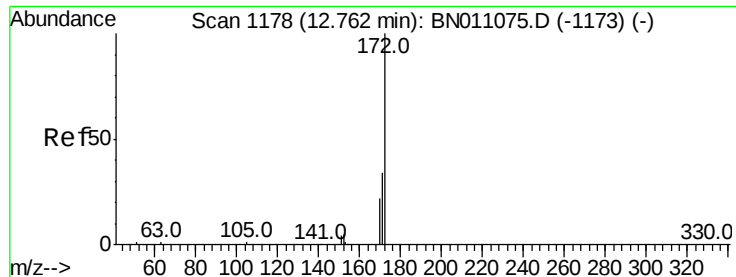
332 0.0 0.0 0.0

141 41.7 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

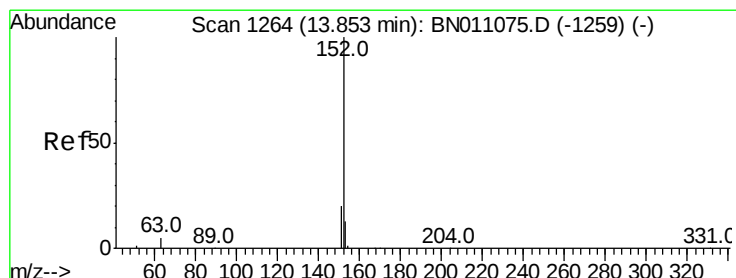
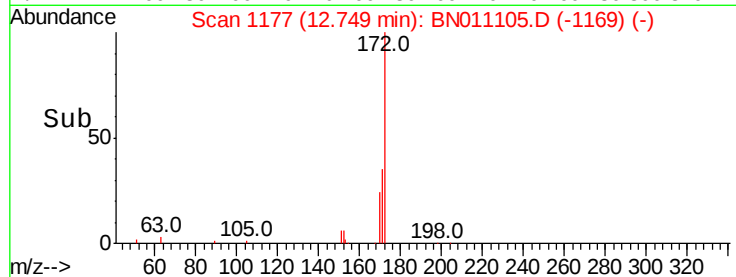
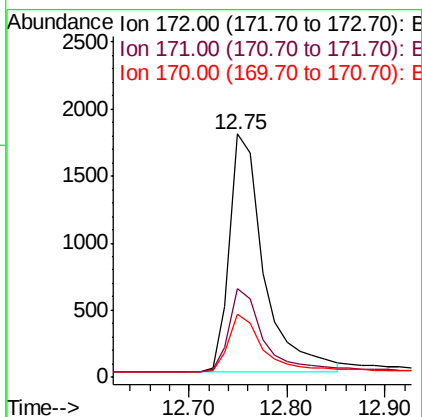
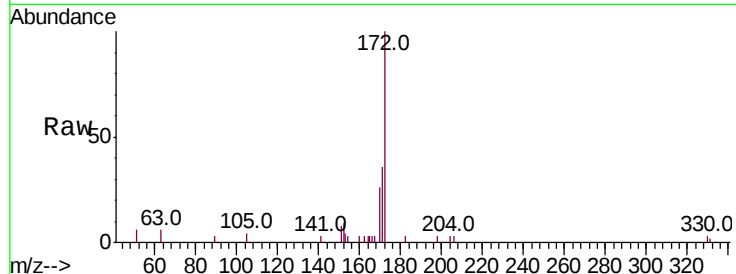




#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.75 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BN011105.D
Acq: 06 Jul 2020 15:07

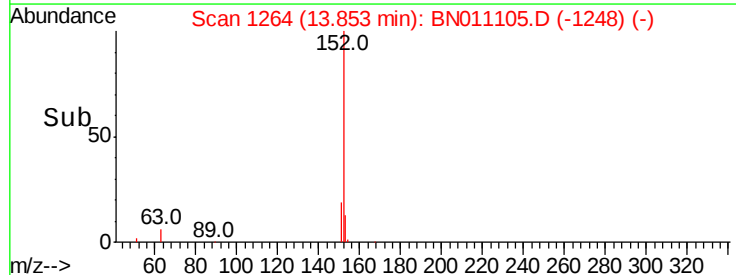
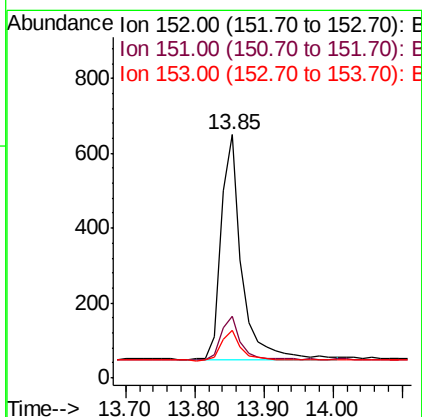
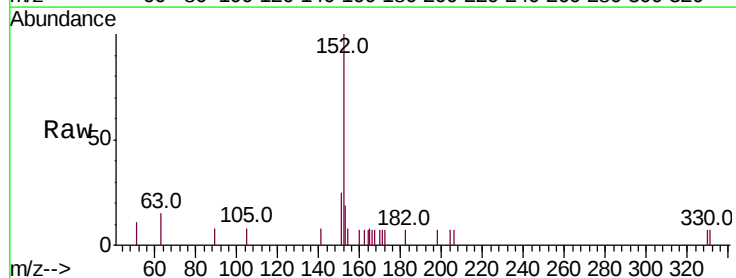
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-05

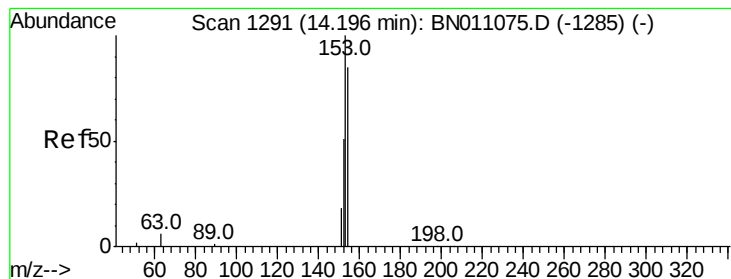
Tot Ion:172 Resp: 4301
Ion Ratio Lower Upper
172 100
171 36.4 27.9 41.9
170 25.7 18.7 28.1



#16
Acenaphthylene
Concen: 0.080 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011105.D
Acq: 06 Jul 2020 15:07

Tgt Ion:152 Resp: 1248
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.1 10.8 16.2





#17

Acenaphthene

Concen: 0.080 ng

RT: 14.20 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-05

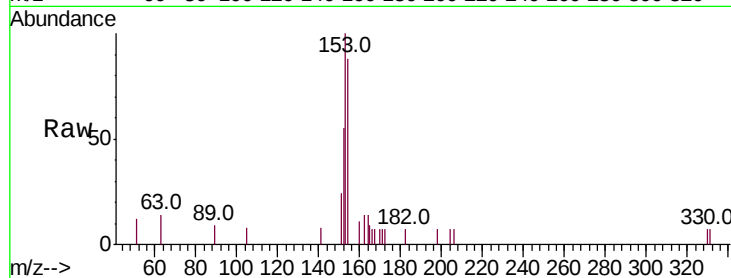
Tot Ion:154 Resp: 847

Ion Ratio Lower Upper

154 100

153 118.9 91.7 137.5

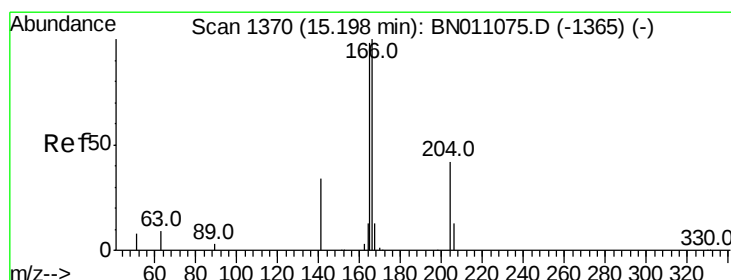
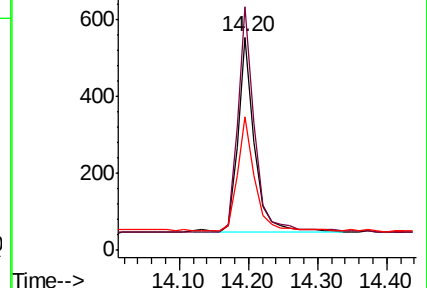
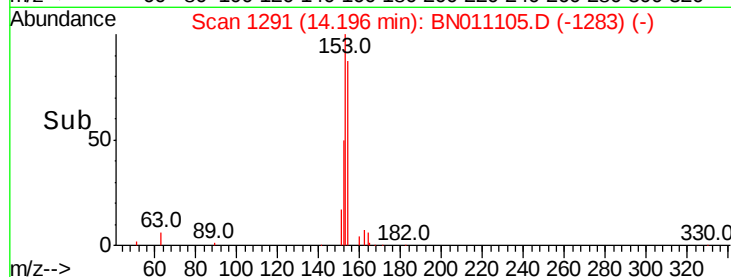
152 61.2 46.8 70.2



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: 0.088 ng

RT: 15.20 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

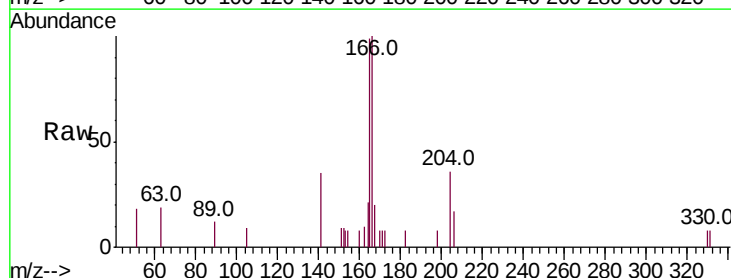
Tgt Ion:166 Resp: 1162

Ion Ratio Lower Upper

166 100

165 98.0 78.9 118.3

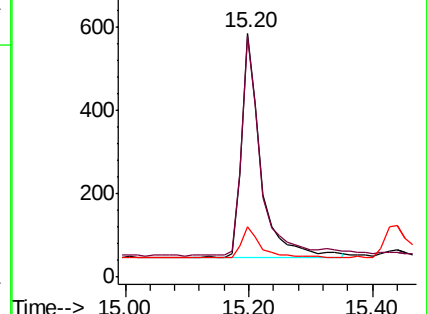
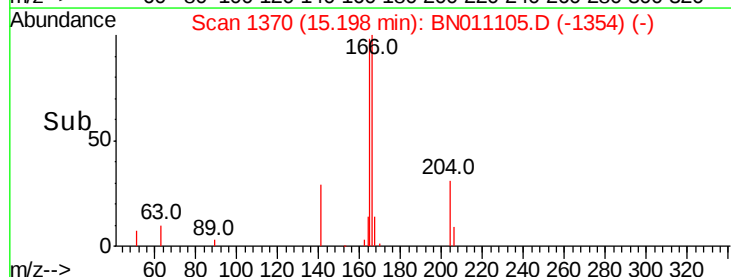
167 14.4 10.9 16.3

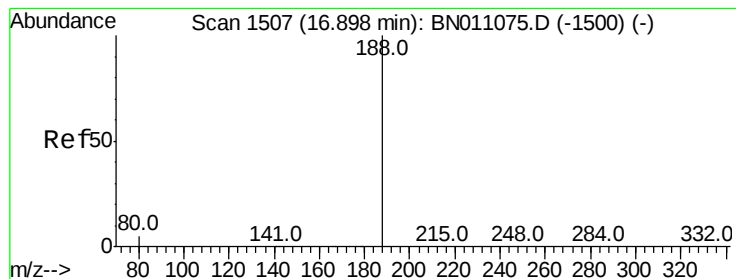


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.89 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN01105.D

Acq: 06 Jul 2020 15:07

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-05

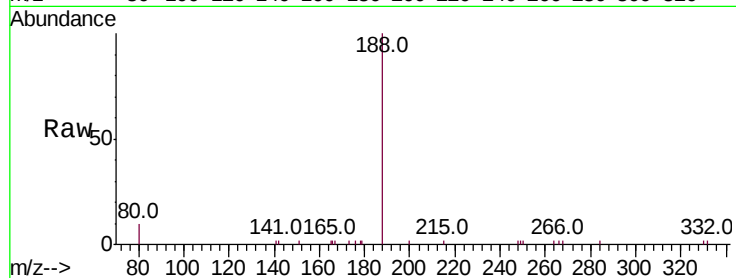
Tot Ion:188 Resp: 6264

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

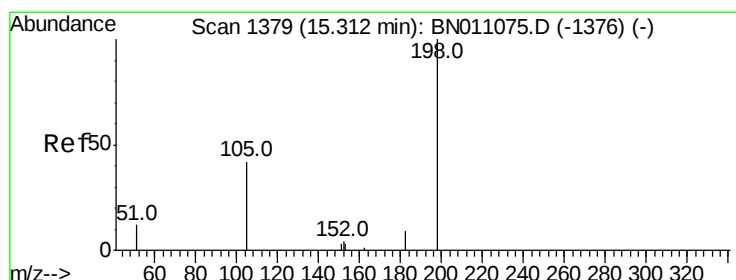
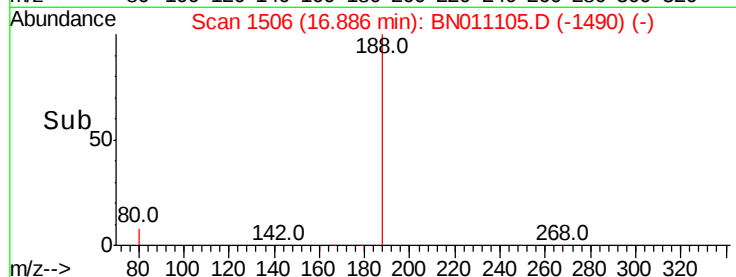
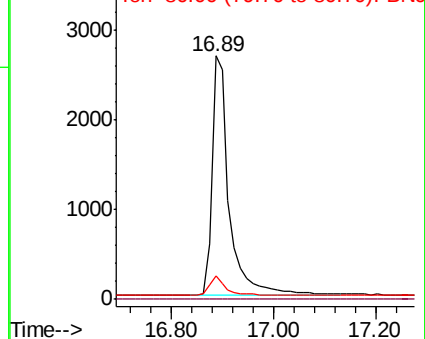
80 9.8 5.3 7.9#



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: 0.048 ng

RT: 15.34 min Scan# 1381

Delta R.T. 0.03 min

Lab File: BN01105.D

Acq: 06 Jul 2020 15:07

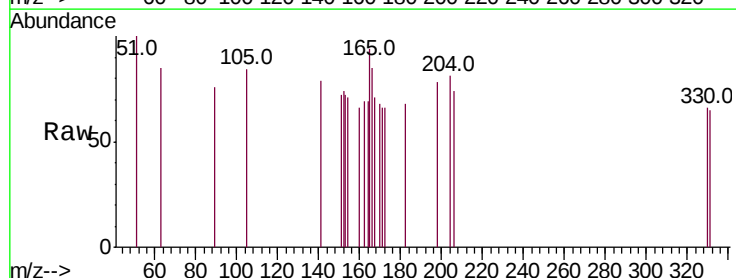
Tgt Ion:198 Resp: 32

Ion Ratio Lower Upper

198 100

51 128.3 58.2 87.4#

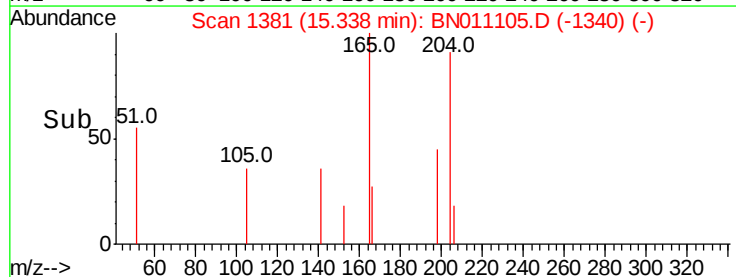
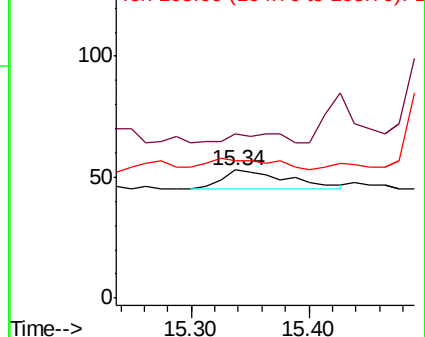
105 107.5 59.0 88.4#

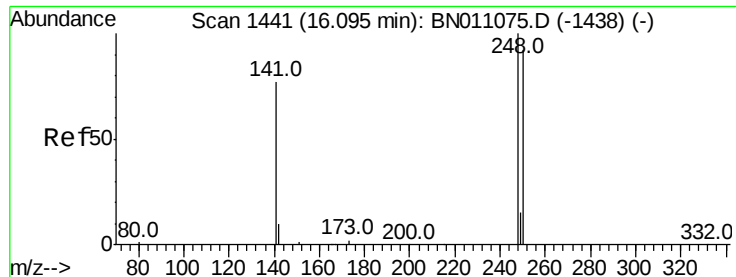


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

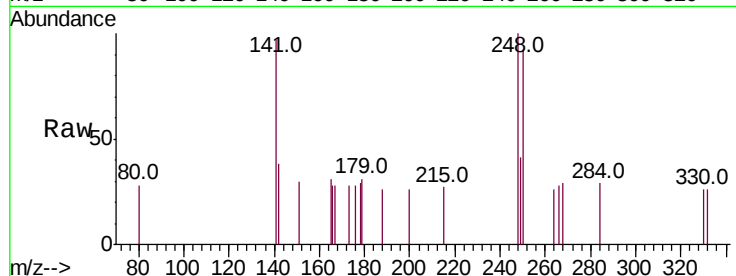




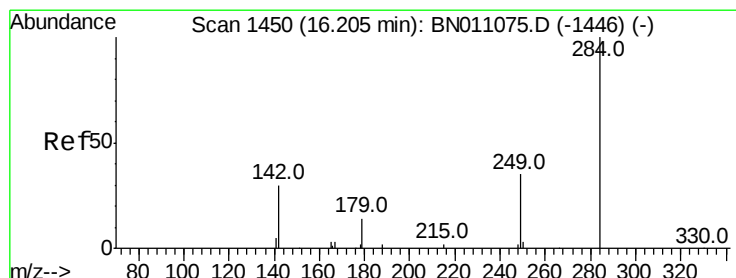
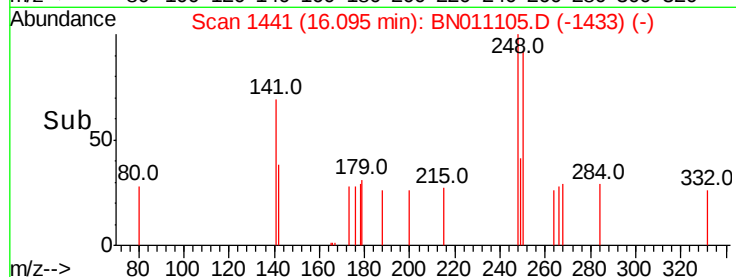
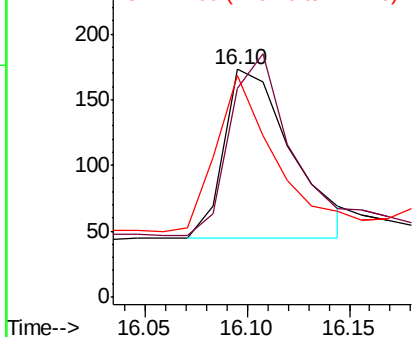
#21
4-Bromophenyl-phenylether
Concen: 0.071 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN01105.D
Acq: 06 Jul 2020 15:07

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-05

Tot Ion:248 Resp: 296
Ion Ratio Lower Upper
248 100
250 91.9 73.8 110.8
141 97.1 63.1 94.7#

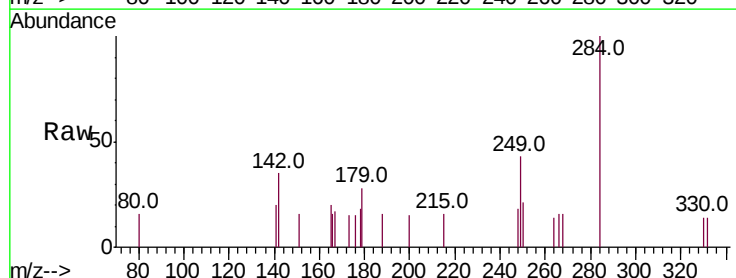


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

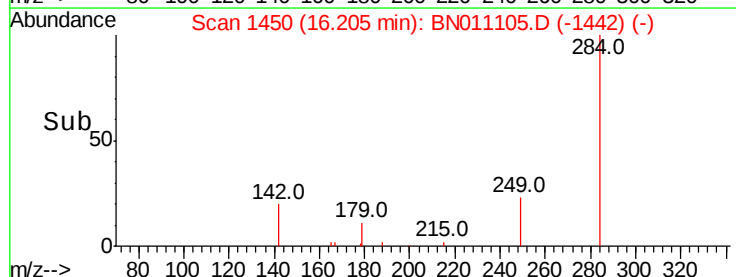
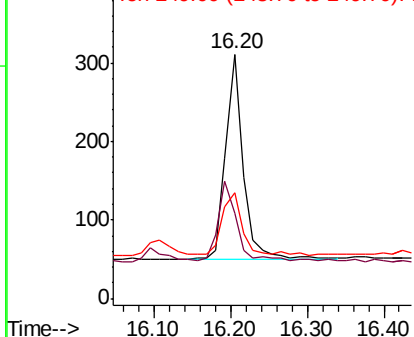


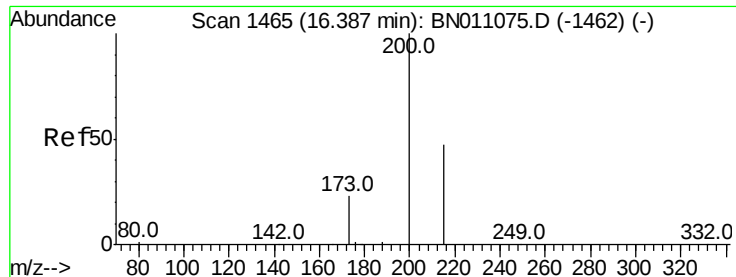
#22
Hexachlorobenzene
Concen: 0.087 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BN01105.D
Acq: 06 Jul 2020 15:07

Tgt Ion:284 Resp: 426
Ion Ratio Lower Upper
284 100
142 39.0 33.3 49.9
249 31.0 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: 0.087 ng

RT: 16.39 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-05

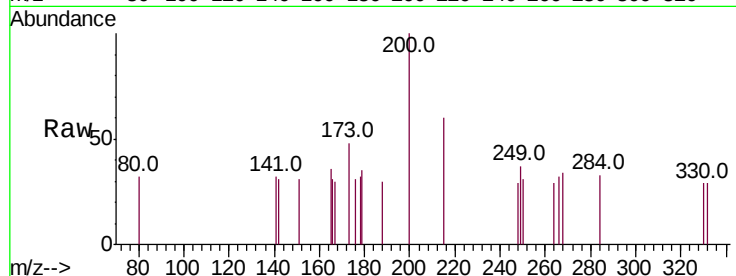
Tot Ion:200 Resp: 255

Ion Ratio Lower Upper

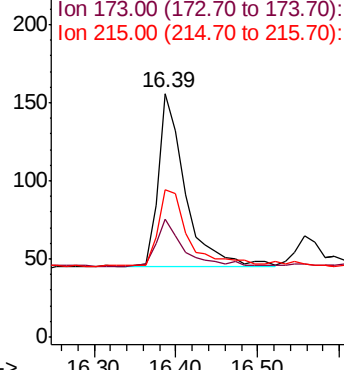
200 100

173 48.1 22.8 34.2#

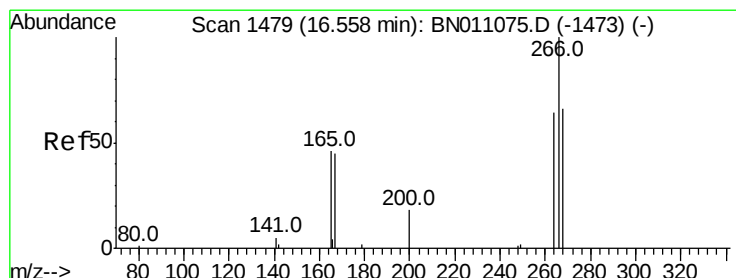
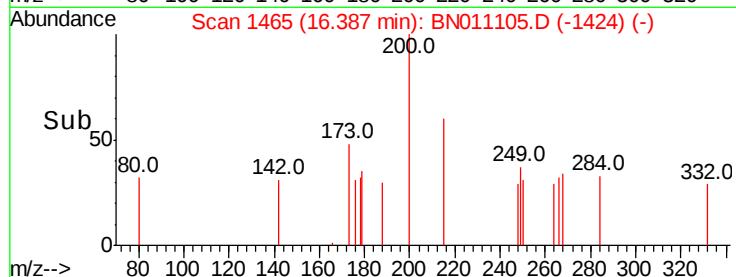
215 60.3 40.7 61.1



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



Time-->



#24

Pentachlorophenol

Concen: 0.210 ng

RT: 16.57 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

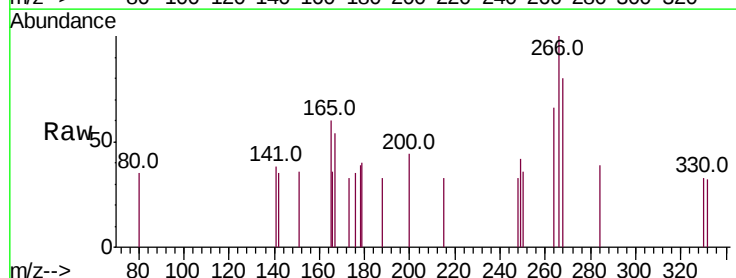
Tgt Ion:266 Resp: 277

Ion Ratio Lower Upper

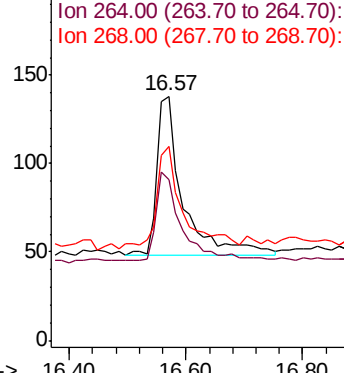
266 100

264 54.9 47.4 71.0

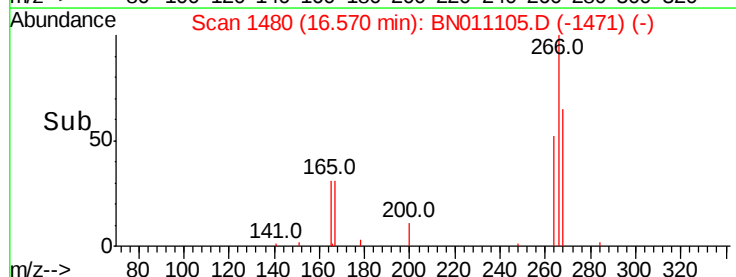
268 65.7 55.0 82.4

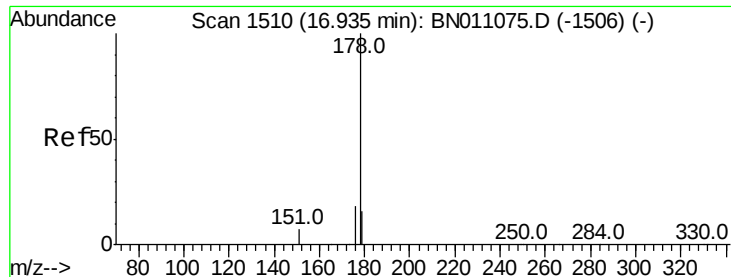


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#25

Phenanthrene

Concen: 0.081 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

Instrument :

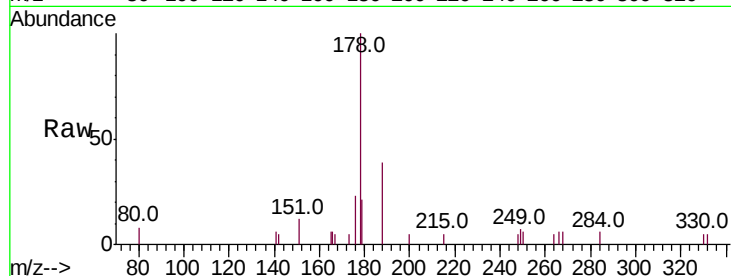
BNA_N

ClientSampleId :

MDL-WATER-05

Tot Ion:178 Resp: 1640

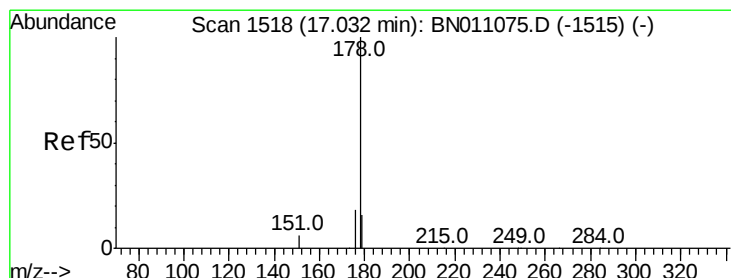
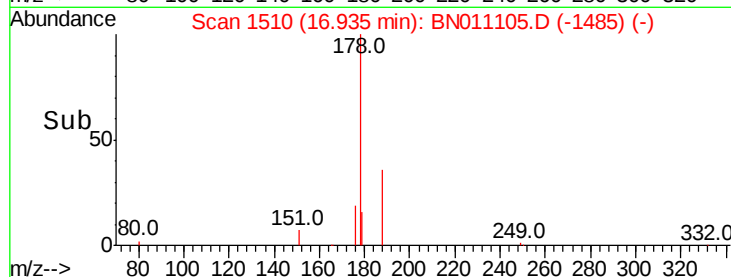
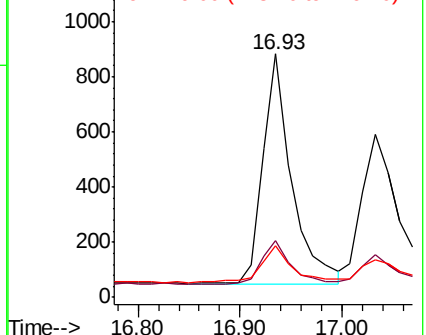
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.6
179	16.3	12.5	18.7



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



#26

Anthracene

Concen: 0.074 ng

RT: 17.03 min Scan# 1518

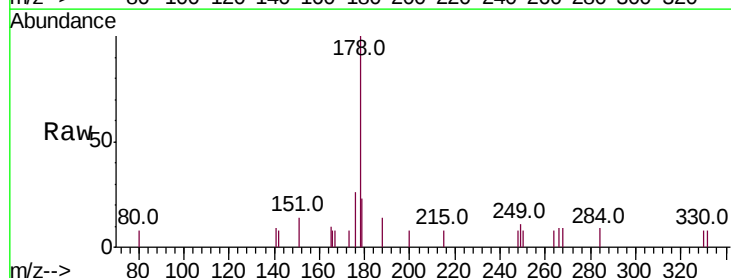
Delta R.T. 0.01 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

Tgt Ion:178 Resp: 1246

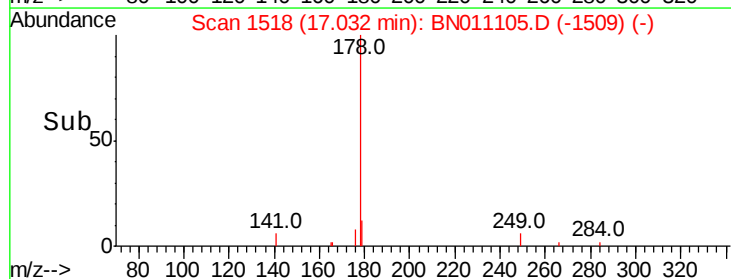
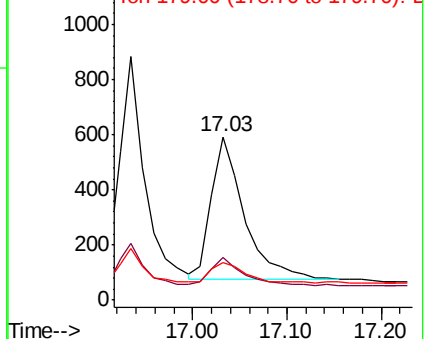
Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.2	21.4
179	16.5	12.2	18.2

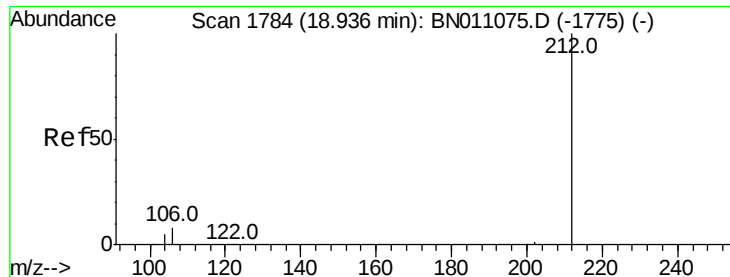


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

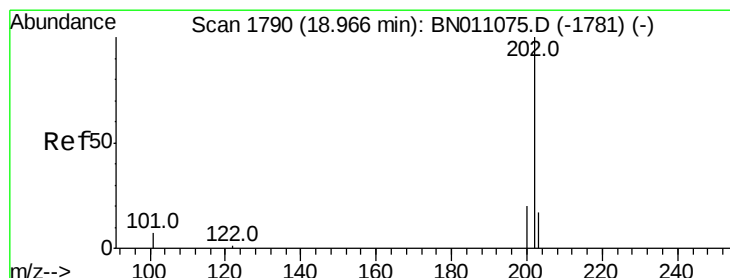
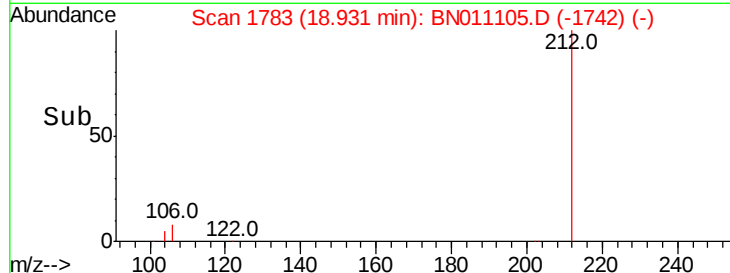
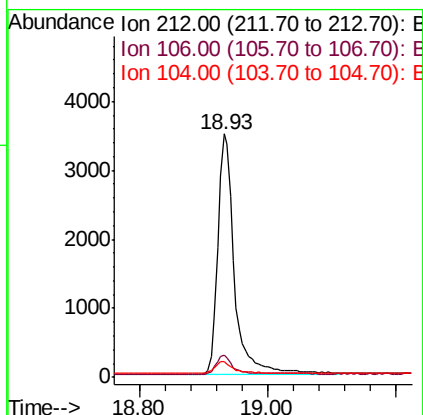
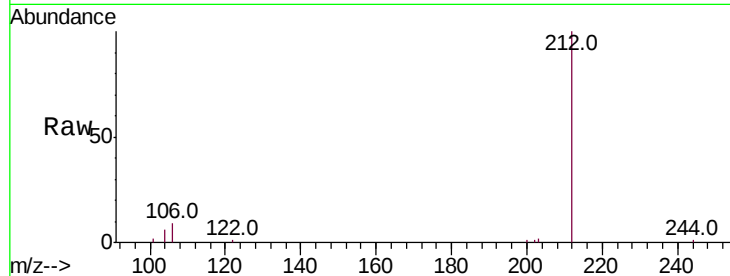




#27
 Fluoranthene-d10
 Concen: 0.334 ng
 RT: 18.93 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BN011105.D
 Acq: 06 Jul 2020 15:07

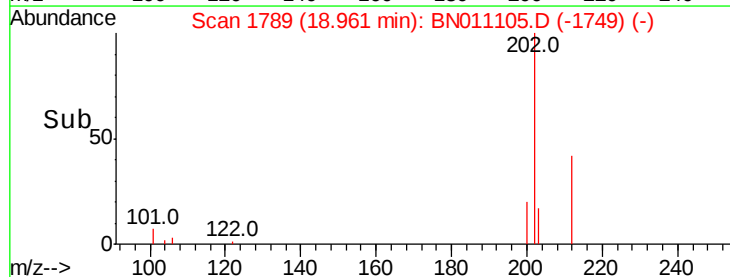
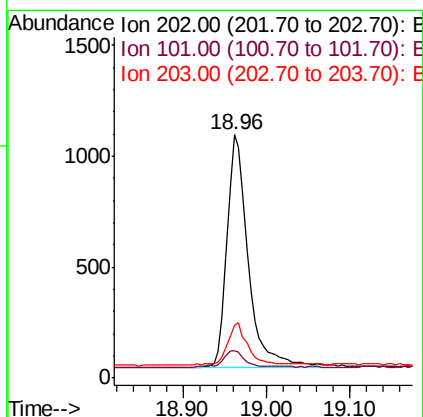
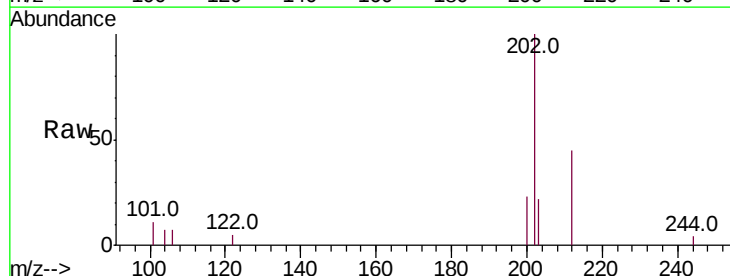
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-05

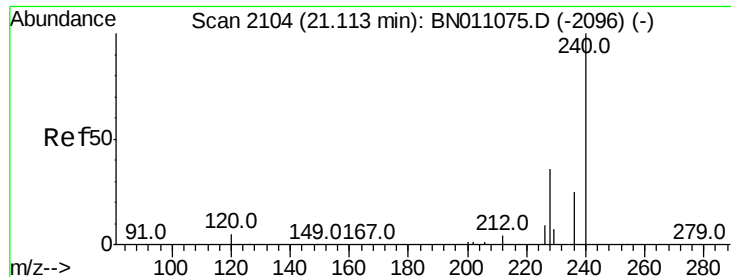
Tot Ion:212 Resp: 6335
 Ion Ratio Lower Upper
 212 100
 106 7.7 7.1 10.7
 104 4.8 4.2 6.4



#28
 Fluoranthene
 Concen: 0.082 ng
 RT: 18.96 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BN011105.D
 Acq: 06 Jul 2020 15:07

Tgt Ion:202 Resp: 1866
 Ion Ratio Lower Upper
 202 100
 101 7.9 6.3 9.5
 203 17.6 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2104

Delta R.T. 0.01 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-05

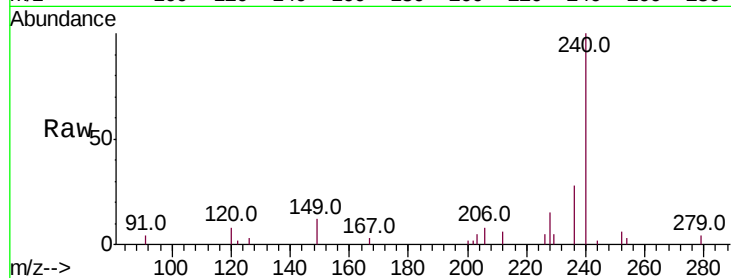
Tot Ion:240 Resp: 5424

Ion Ratio Lower Upper

240 100

120 8.3 6.5 9.7

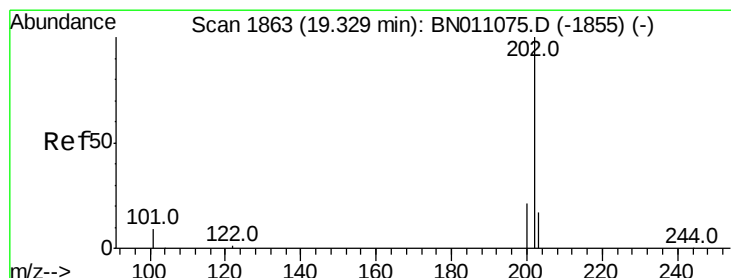
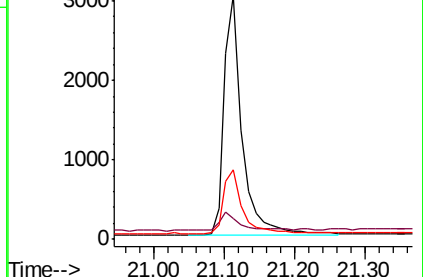
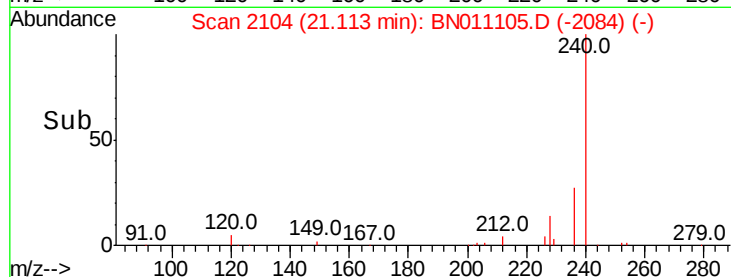
236 28.5 21.9 32.9



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: 0.092 ng

RT: 19.33 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

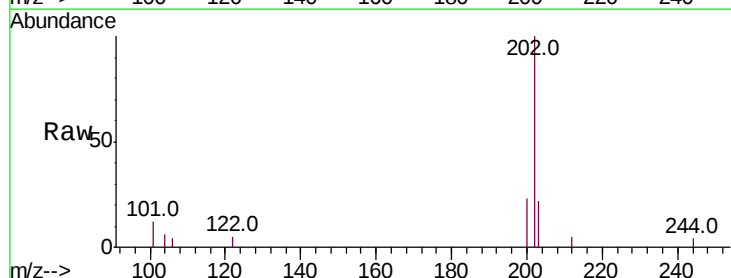
Tgt Ion:202 Resp: 1869

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

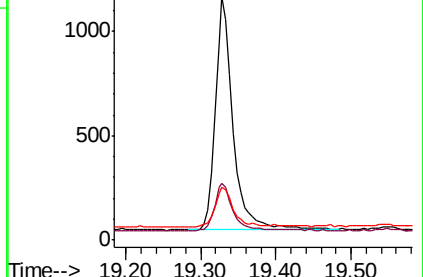
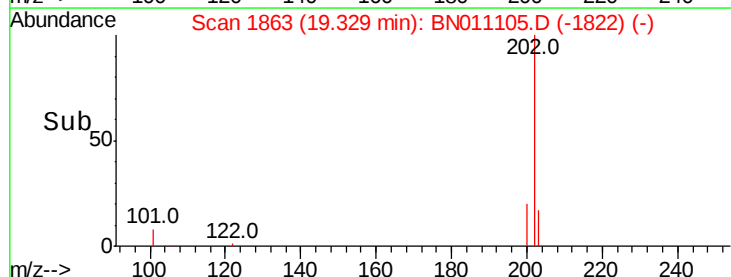
203 17.2 14.2 21.4

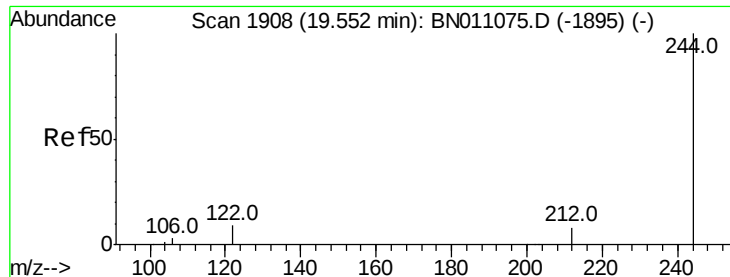


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.345 ng

RT: 19.55 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-05

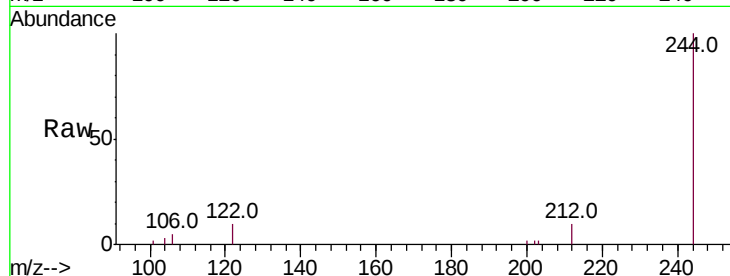
Tot Ion:244 Resp: 4866

Ion Ratio Lower Upper

244 100

212 9.9 7.5 11.3

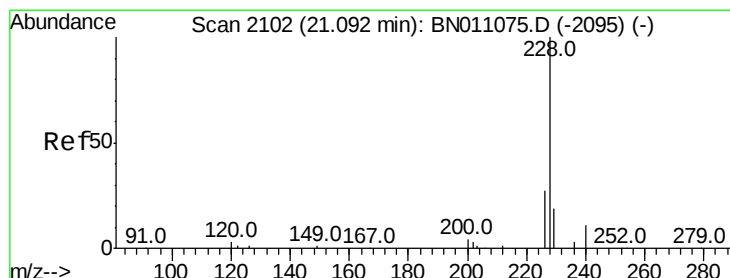
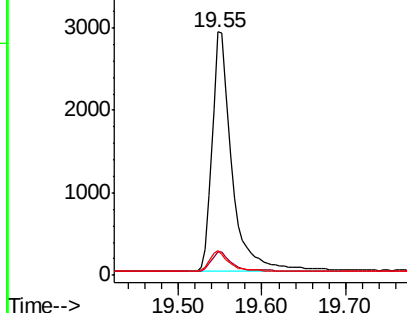
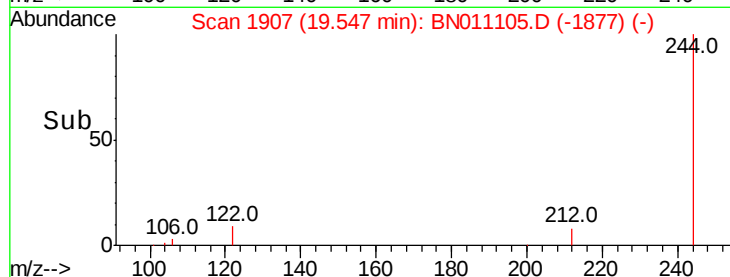
122 10.1 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Benzo(a)anthracene

Concen: 0.103 ng

RT: 21.15 min Scan# 2107

Delta R.T. 0.06 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

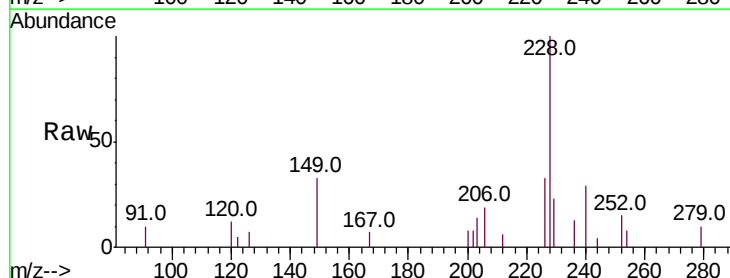
Tgt Ion:228 Resp: 1858

Ion Ratio Lower Upper

228 100

226 32.7 22.0 33.0

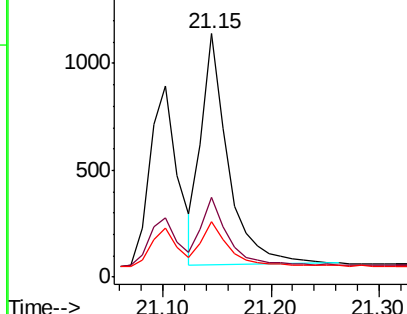
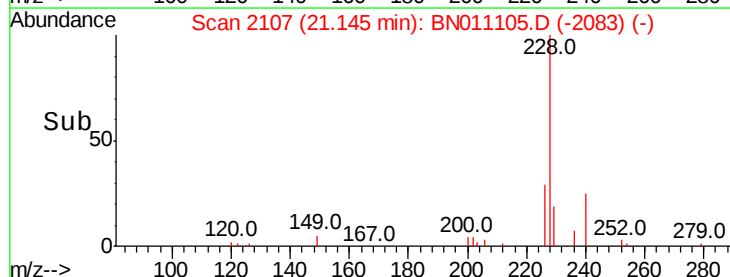
229 22.7 16.1 24.1

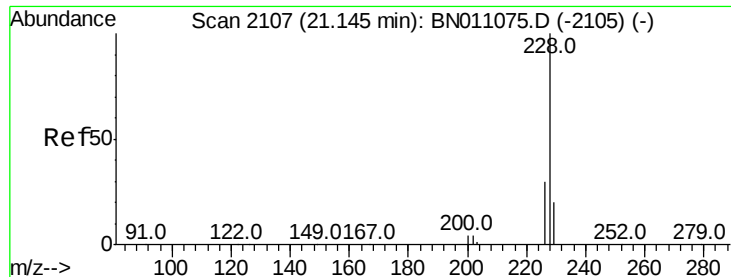


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.087 ng

RT: 21.15 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BN01105.D

Acq: 06 Jul 2020 15:07

Instrument :

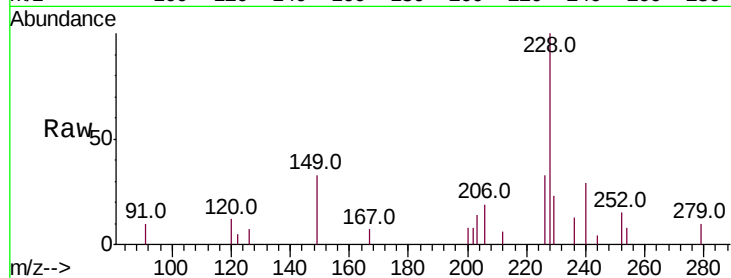
BNA_N

ClientSampleId :

MDL-WATER-05

Tot Ion:228 Resp: 1800

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.0	36.0
229	22.7	16.4	24.6

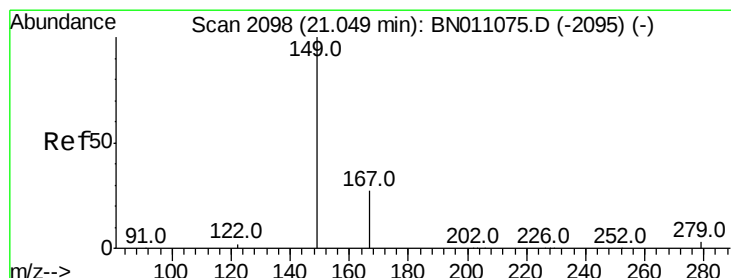
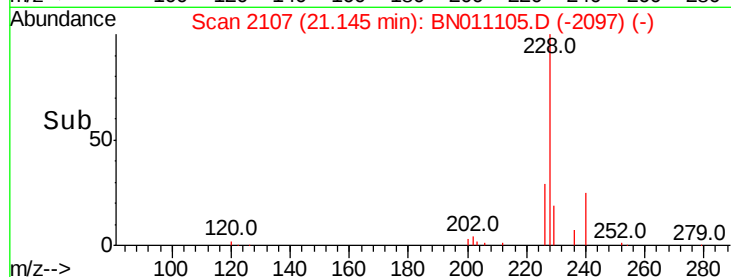
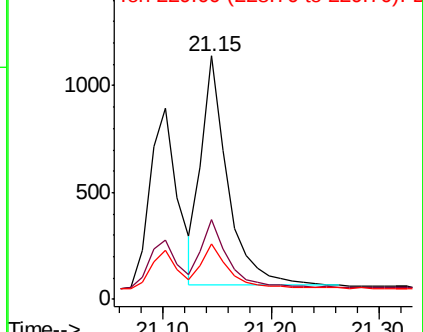


Abundance

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: 0.126 ng

RT: 21.05 min Scan# 2098

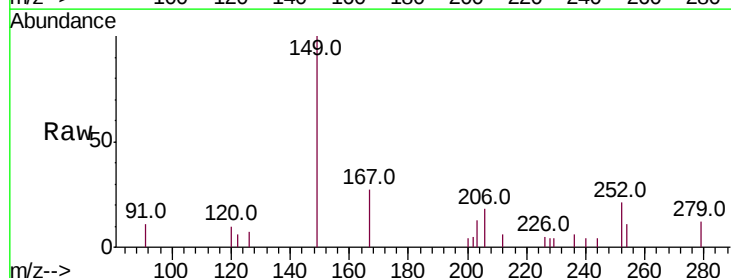
Delta R.T. 0.00 min

Lab File: BN01105.D

Acq: 06 Jul 2020 15:07

Tgt Ion:149 Resp: 925

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.2	33.4
279	7.2	4.5	6.7#

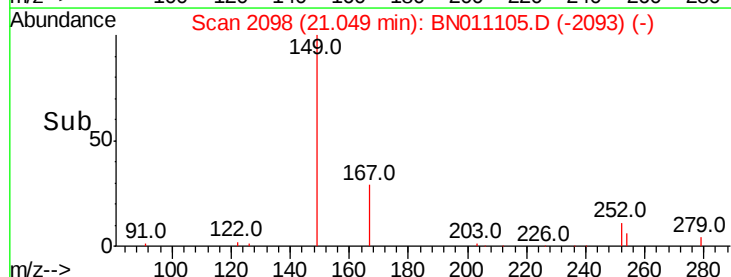
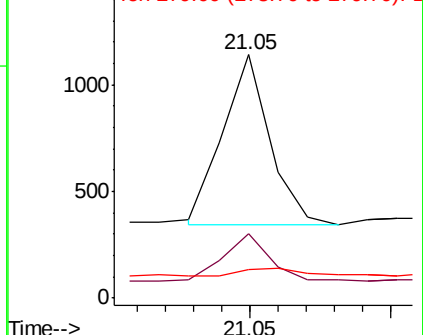


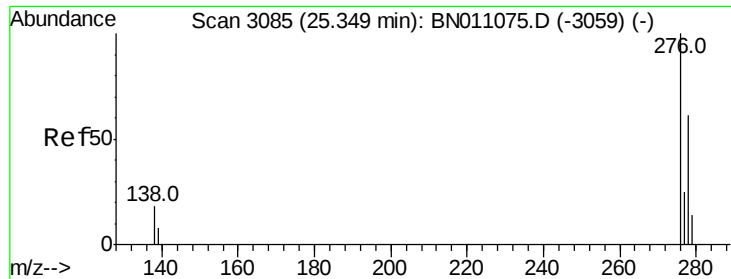
Abundance

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

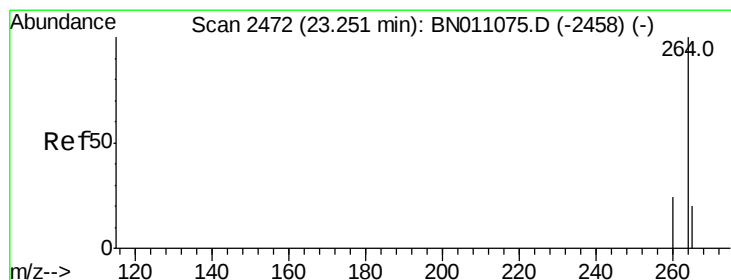
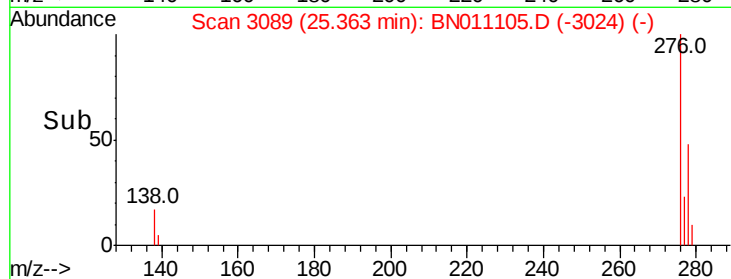
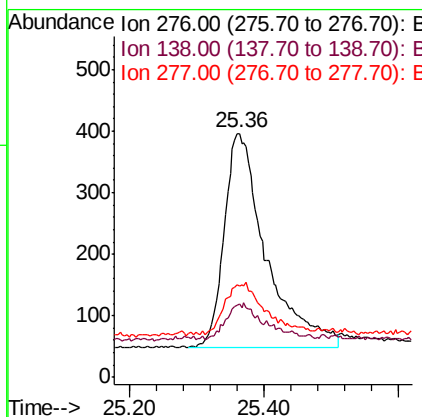
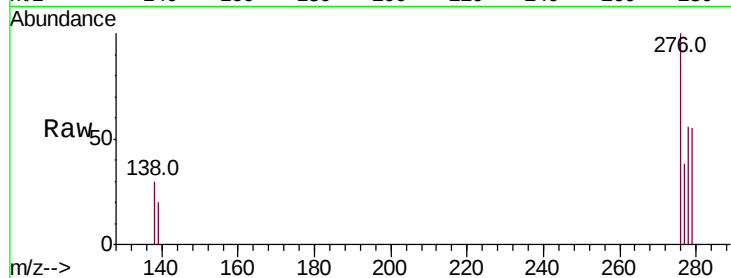




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.069 ng
 RT: 25.36 min Scan# 3089
 Delta R.T. 0.02 min
 Lab File: BN011105.D
 Acq: 06 Jul 2020 15:07

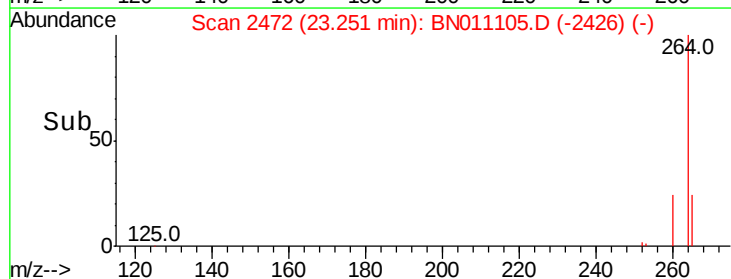
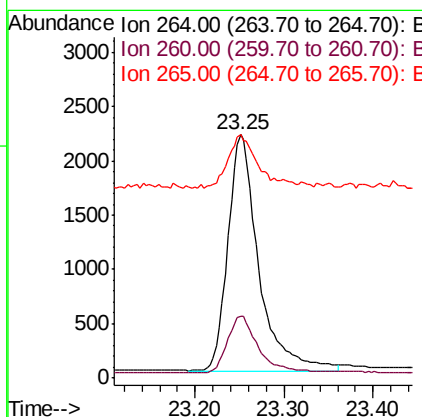
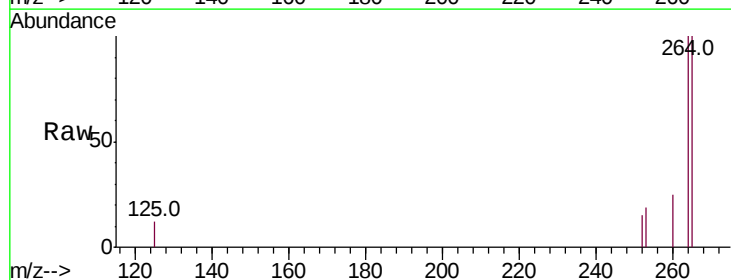
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-05

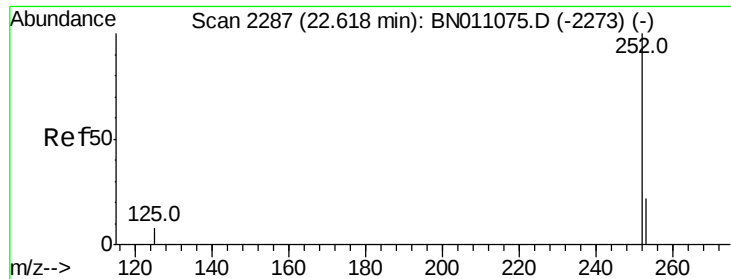
Tot Ion:276 Resp: 1500
 Ion Ratio Lower Upper
 276 100
 138 11.7 15.4 23.0#
 277 21.9 19.4 29.0



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2472
 Delta R.T. 0.01 min
 Lab File: BN011105.D
 Acq: 06 Jul 2020 15:07

Tgt Ion:264 Resp: 5237
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.4 30.6
 265 99.9 83.0 124.6





#37

Benzo(b)fluoranthene

Concen: 0.076 ng

RT: 22.62 min Scan# 2288

Delta R.T. 0.01 min

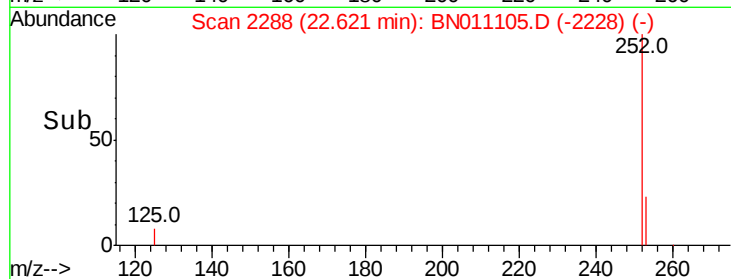
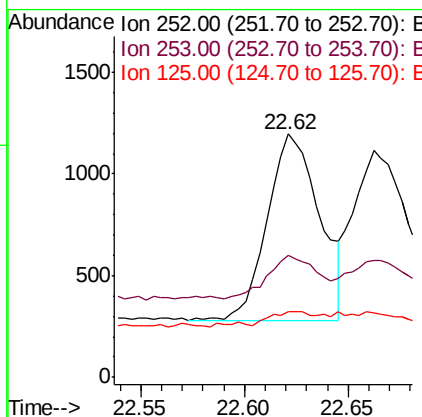
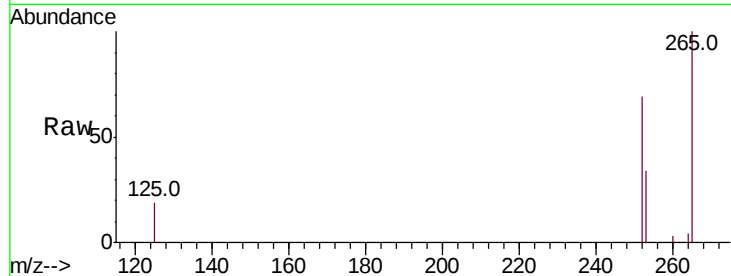
Lab File: BN01105.D

Acq: 06 Jul 2020 15:07

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-05

Tot Ion:252 Resp: 1599

Ion	Ratio	Lower	Upper
252	100		
253	49.9	22.7	34.1#
125	27.2	10.4	15.6#



#38

Benzo(k)fluoranthene

Concen: 0.073 ng

RT: 22.66 min Scan# 2300

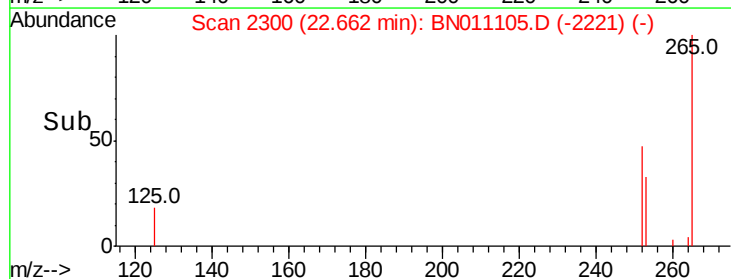
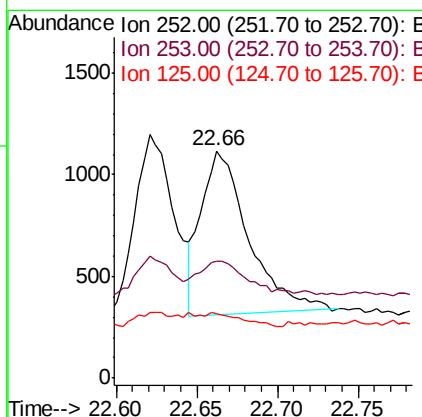
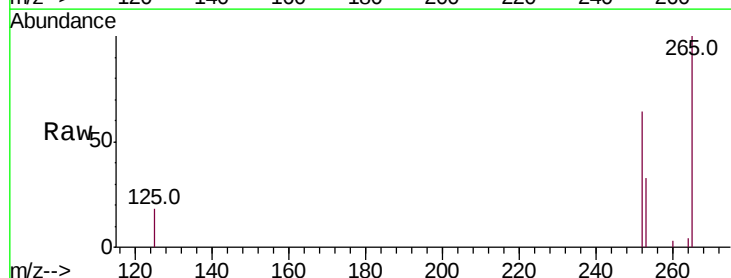
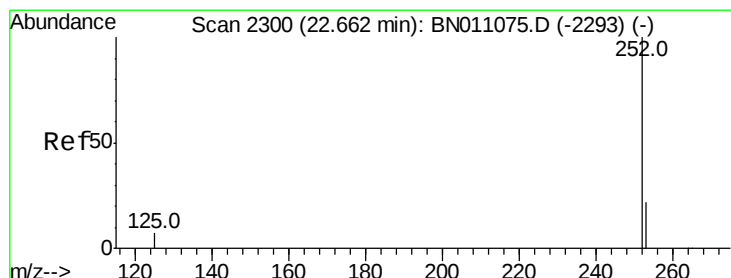
Delta R.T. 0.01 min

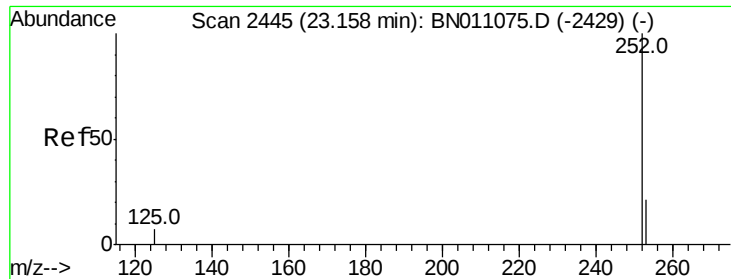
Lab File: BN01105.D

Acq: 06 Jul 2020 15:07

Tgt Ion:252 Resp: 1648

Ion	Ratio	Lower	Upper
252	100		
253	51.1	22.9	34.3#
125	28.1	10.6	15.8#





#39

Benzo(a)pyrene

Concen: 0.073 ng

RT: 23.17 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BN011075.D

Acq: 06 Jul 2020 15:07

Instrument :

BNA_N

ClientSampled :

MDL-WATER-05

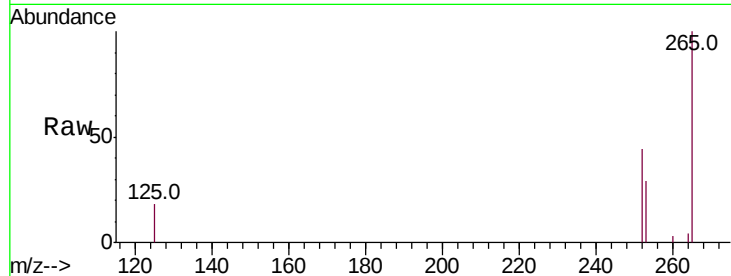
Tot Ion:252 Resp: 1329

Ion Ratio Lower Upper

252 100

253 65.6 25.9 38.9#

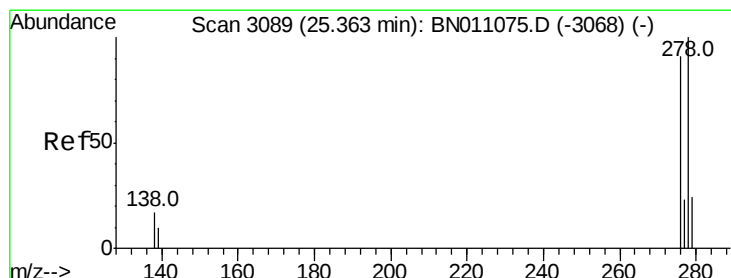
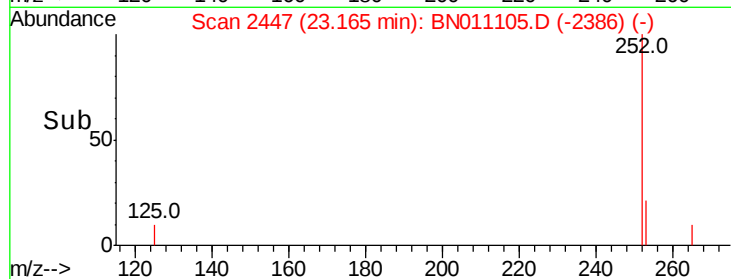
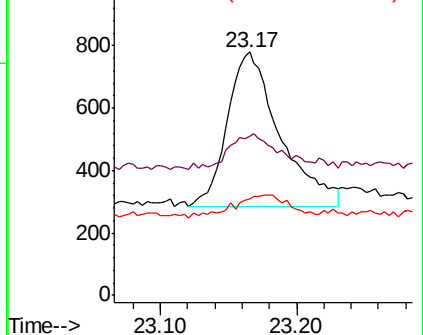
125 39.5 12.5 18.7#



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: 0.059 ng

RT: 25.38 min Scan# 3094

Delta R.T. 0.03 min

Lab File: BN011075.D

Acq: 06 Jul 2020 15:07

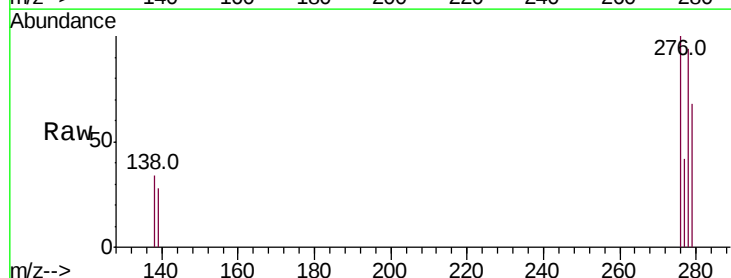
Tgt Ion:278 Resp: 1088

Ion Ratio Lower Upper

278 100

139 30.1 11.9 17.9#

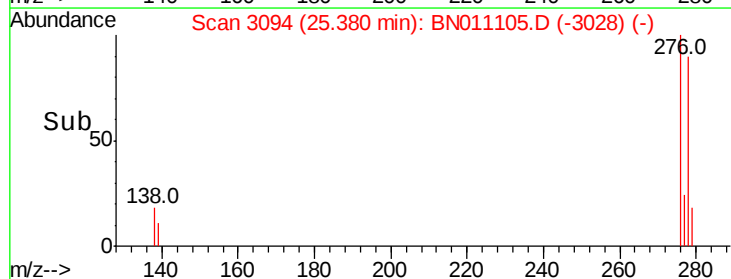
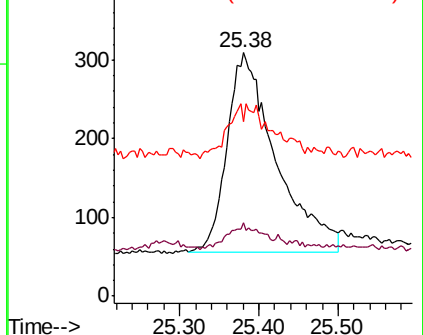
279 71.8 25.5 38.3#

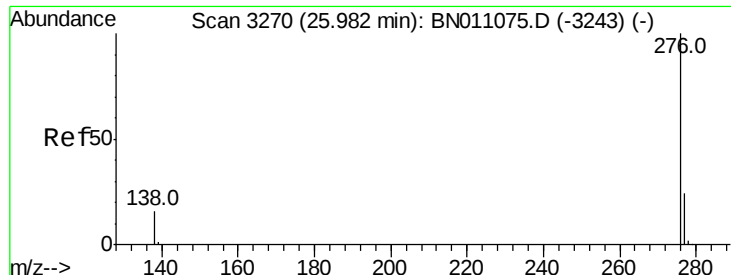


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.087 ng

RT: 25.98 min Scan# 3269

Delta R.T. 0.01 min

Lab File: BN011105.D

Acq: 06 Jul 2020 15:07

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-05

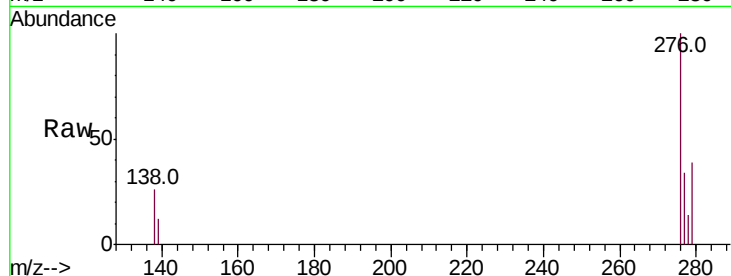
Tot Ion:276 Resp: 1782

Ion Ratio Lower Upper

276 100

277 34.3 21.1 31.7#

138 25.9 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

