

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070620\
 Data File : BN011103.D
 Acq On : 06 Jul 2020 12:24
 Operator : CG/JU
 Sample : L1955-11
 Misc : MDL-WTR--04
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-04

Quant Time: Jul 06 13:23:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	7.52	152	1815	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	5683	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	2906	0.40	ng	0.01
19) Phenanthrene-d10	16.90	188	6142	0.40	ng	0.01
29) Chrysene-d12	21.11	240	5166	0.40	ng	0.01
36) Perylene-d12	23.25	264	5305	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	1662	0.37	ng	0.00
5) Phenol-d6	6.73	99	1639	0.32	ng	0.00
8) Nitrobenzene-d5	8.67	82	1509	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	11.87	152	3353	0.34	ng	0.01
14) 2,4,6-Tribromophenol	15.65	330	416	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.77	172	4451	0.33	ng	0.03
27) Fluoranthene-d10	18.94	212	6752	0.36	ng	0.00
31) Terphenyl-d14	19.56	244	5040	0.37	ng	0.00

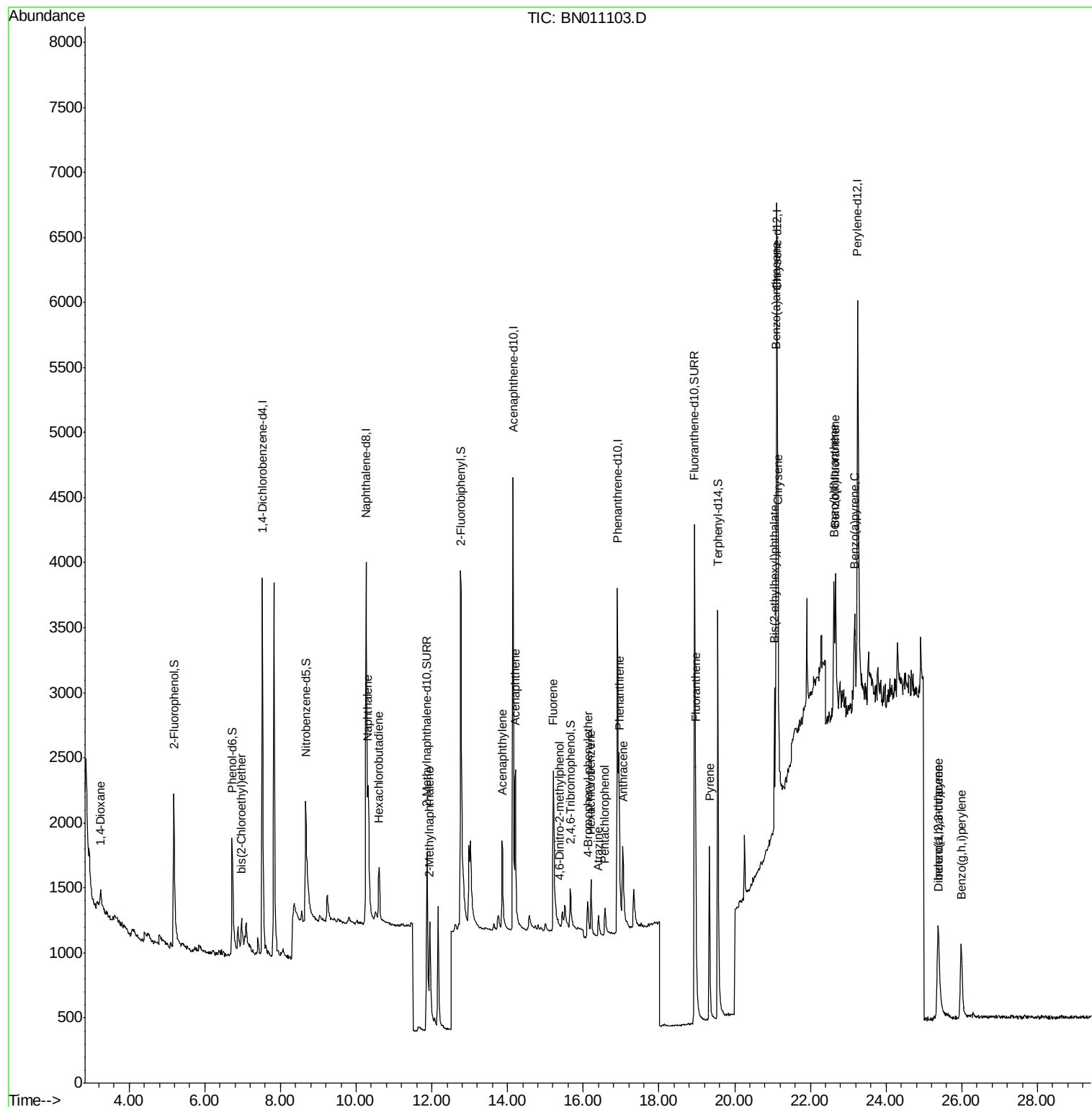
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	230	0.090	ng	# 89
6) bis(2-Chloroethyl)ether	6.97	93	345	0.073	ng	93
9) Naphthalene	10.32	128	1434	0.085	ng	# 87
10) Hexachlorobutadiene	10.61	225	350	0.081	ng	# 100
12) 2-Methylnaphthalene	11.95	142	931	0.082	ng	# 91
16) Acenaphthylene	13.85	152	1166	0.080	ng	99
17) Acenaphthene	14.21	154	785	0.080	ng	100
18) Fluorene	15.21	166	1030	0.083	ng	97
20) 4,6-Dinitro-2-methylphenol	15.38	198	30	0.046	ng	# 45
21) 4-Bromophenyl-phenylether	16.12	248	263	0.064	ng	97
22) Hexachlorobenzene	16.20	284	378	0.079	ng	# 90
23) Atrazine	16.40	200	227	0.079	ng	# 74
24) Pentachlorophenol	16.57	266	208	0.161	ng	94
25) Phenanthrene	16.95	178	1517	0.076	ng	99
26) Anthracene	17.04	178	1183	0.072	ng	98
28) Fluoranthene	18.97	202	1829	0.082	ng	99
30) Pyrene	19.33	202	1733	0.090	ng	100
32) Benzo(a)anthracene	21.10	228	1299	0.075	ng	# 91
33) Chrysene	21.15	228	1762	0.089	ng	93
34) Bis(2-ethylhexyl)phthalate	21.05	149	879	0.126	ng	# 98
35) Indeno(1,2,3-cd)pyrene	25.37	276	1522	0.073	ng	# 68
37) Benzo(b)fluoranthene	22.62	252	1473	0.069	ng	# 53
38) Benzo(k)fluoranthene	22.67	252	1559	0.068	ng	# 55
39) Benzo(a)pyrene	23.17	252	1339	0.073	ng	# 40
40) Dibenzo(a,h)anthracene	25.39	278	989	0.053	ng	# 29
41) Benzo(g,h,i)perylene	25.99	276	1560	0.075	ng	# 83

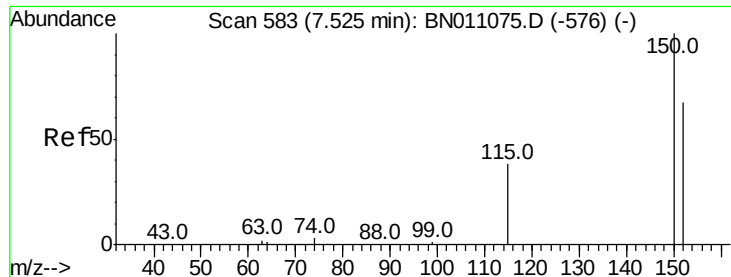
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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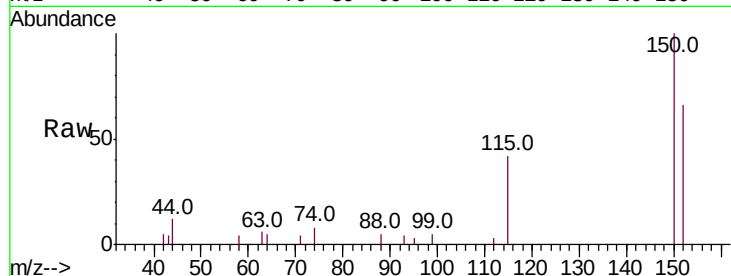


#1

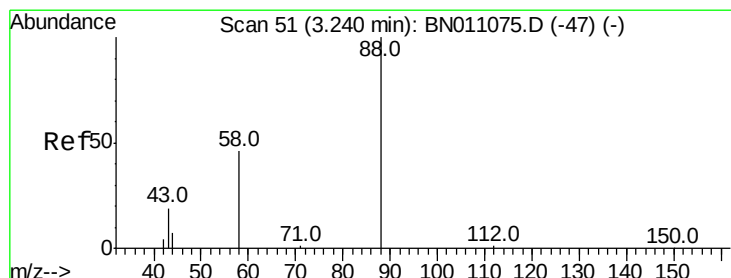
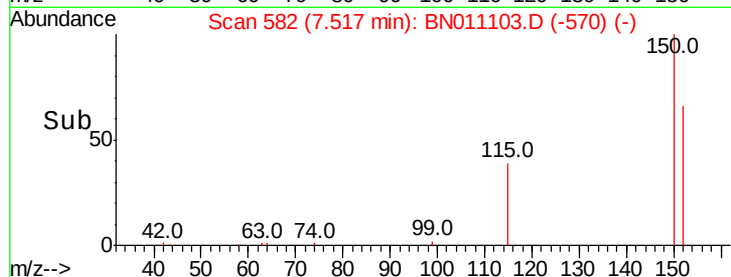
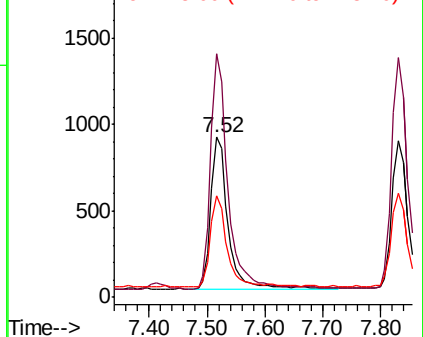
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.00 min
Lab File: BN011103.D
Acq: 06 Jul 2020 12:24

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-04

Tot Ion:152 Resp: 1815
Ion Ratio Lower Upper
152 100
150 152.3 117.4 176.0
115 63.8 47.9 71.9



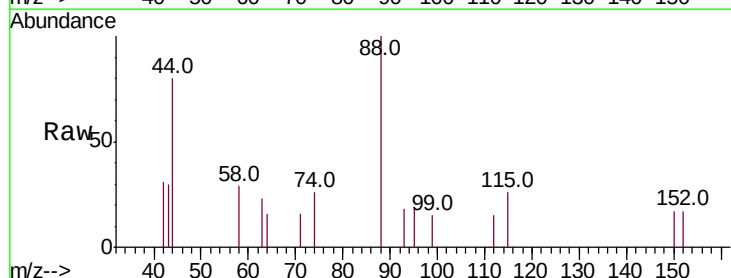
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



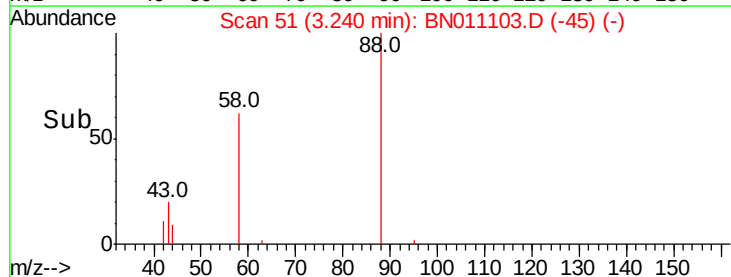
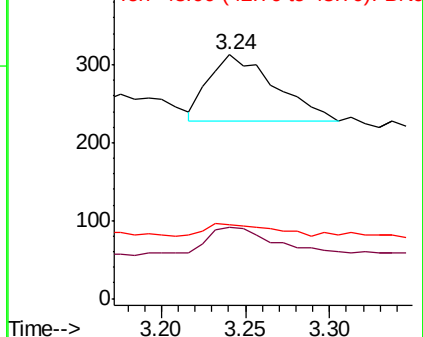
#2

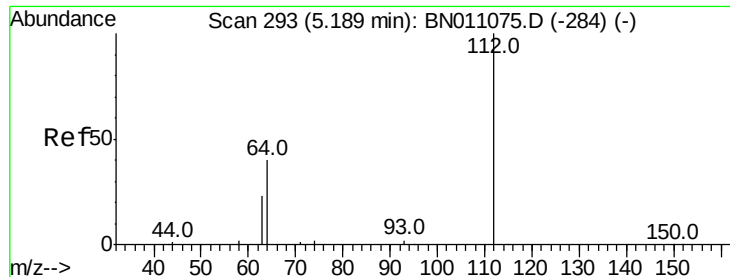
1,4-Dioxane
Concen: 0.090 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011103.D
Acq: 06 Jul 2020 12:24

Tgt Ion: 88 Resp: 230
Ion Ratio Lower Upper
88 100
58 37.4 38.6 57.8#
43 19.1 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





#4

2-Fluorophenol

Concen: 0.368 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN01103.D

Acq: 06 Jul 2020 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-04

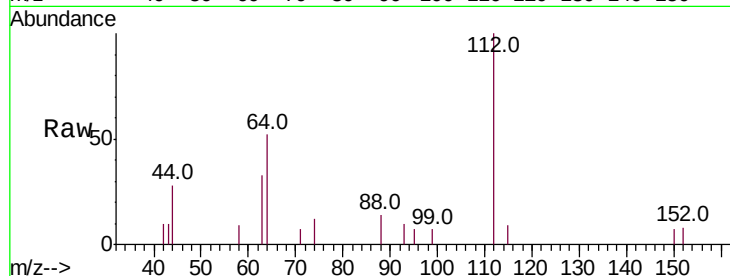
Tot Ion:112 Resp: 1662

Ion Ratio Lower Upper

112 100

64 47.4 36.5 54.7

63 27.4 20.6 30.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

5.18

800

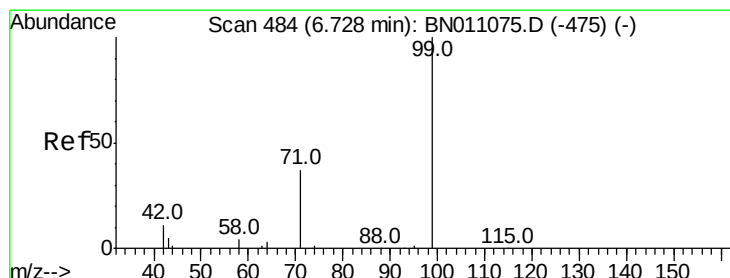
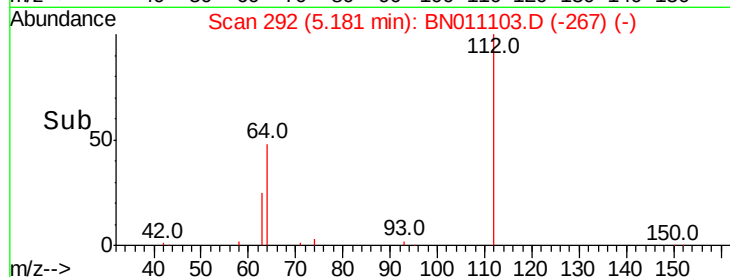
600

400

200

0

Time-->



#5

Phenol-d6

Concen: 0.316 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.01 min

Lab File: BN01103.D

Acq: 06 Jul 2020 12:24

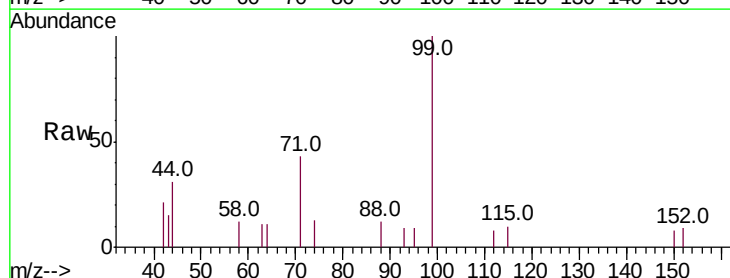
Tgt Ion: 99 Resp: 1639

Ion Ratio Lower Upper

99 100

42 14.5 9.8 14.8

71 38.7 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

6.73

800

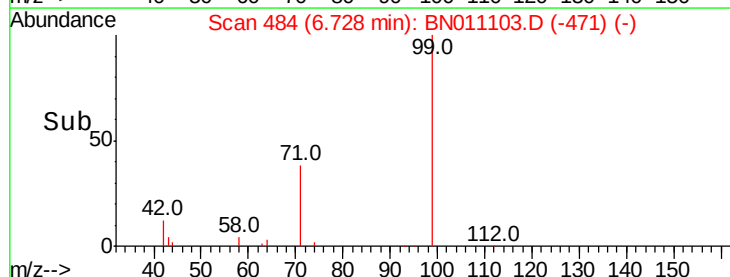
600

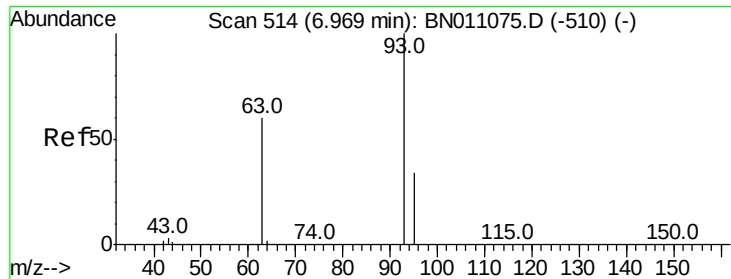
400

200

0

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.073 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.01 min

Lab File: BN01103.D

Acq: 06 Jul 2020 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-04

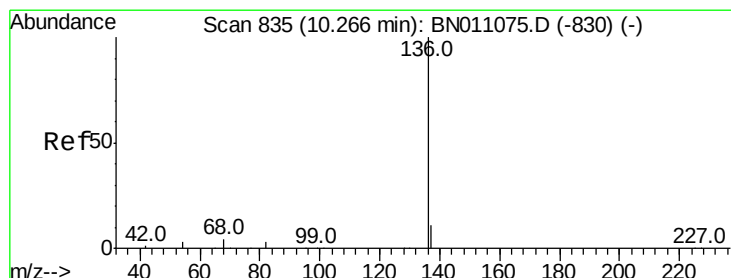
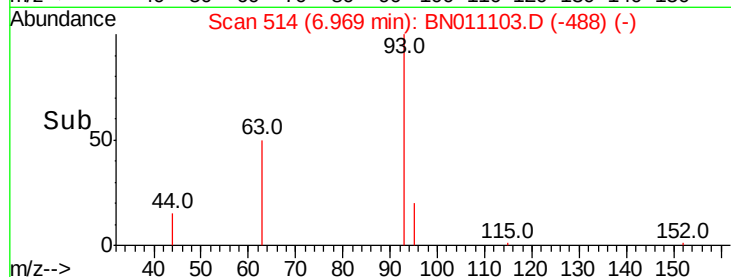
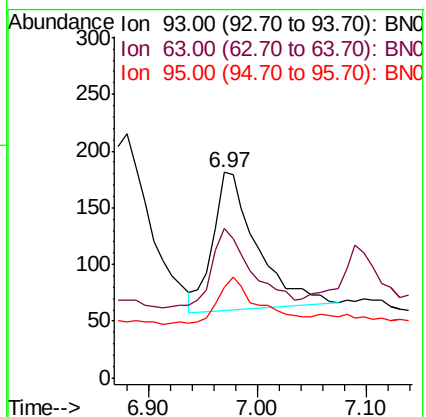
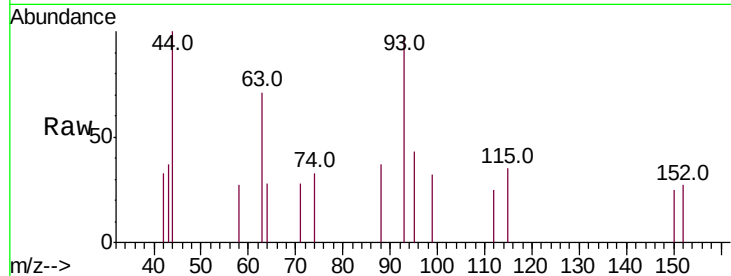
Tot Ion: 93 Resp: 345

Ion Ratio Lower Upper

93 100

63 51.6 47.4 71.2

95 32.2 26.4 39.6



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN01103.D

Acq: 06 Jul 2020 12:24

Tgt Ion: 136 Resp: 5683

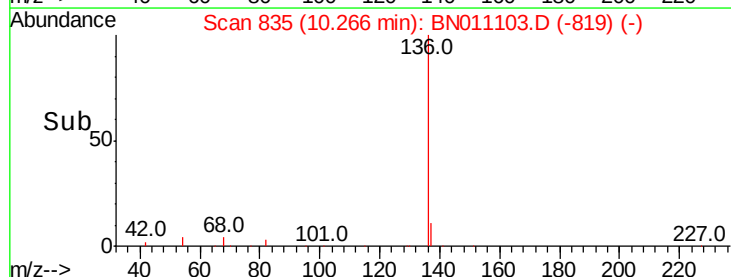
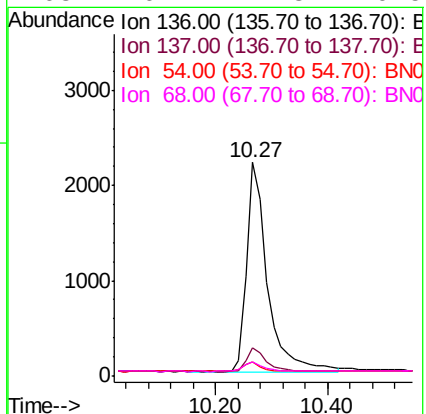
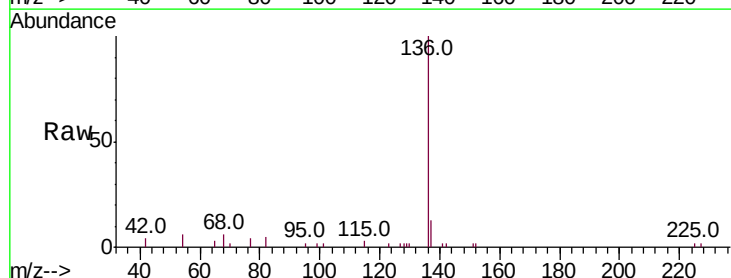
Ion Ratio Lower Upper

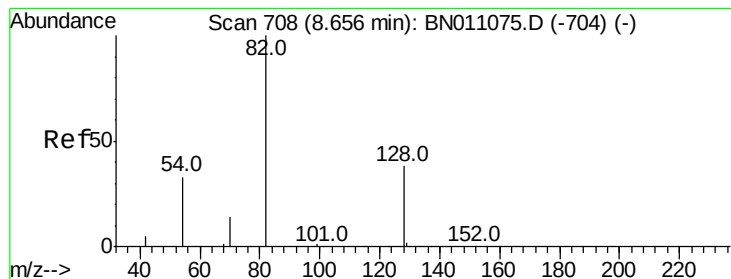
136 100

137 13.3 9.6 14.4

54 6.4 3.8 5.6#

68 6.4 4.3 6.5





#8

Nitrobenzene-d5

Concen: 0.312 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.01 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-04

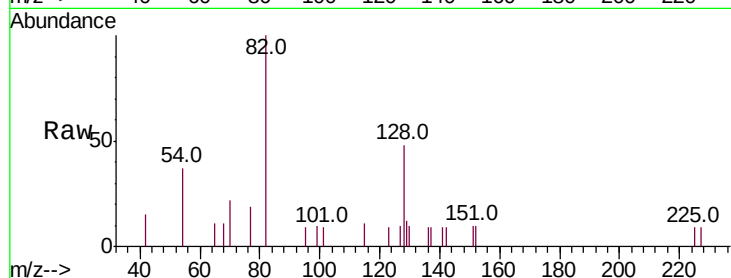
Tot Ion: 82 Resp: 1509

Ion Ratio Lower Upper

82 100

128 47.9 34.2 51.2

54 36.6 29.4 44.0



Abundance Ion 82.00 (81.70 to 82.70): BN011103.D (-700) (-)

Ion 128.00 (127.70 to 128.70): BN011103.D (-700) (-)

Ion 54.00 (53.70 to 54.70): BN011103.D (-700) (-)

8.67

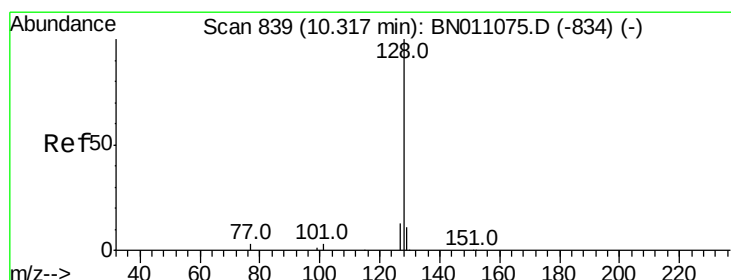
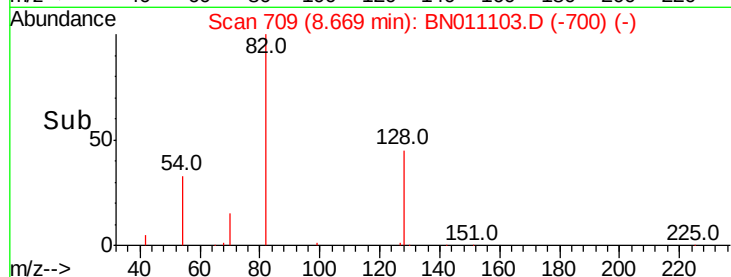
400

200

0

8.60 8.70 8.80

Time-->



#9

Naphthalene

Concen: 0.085 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.01 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

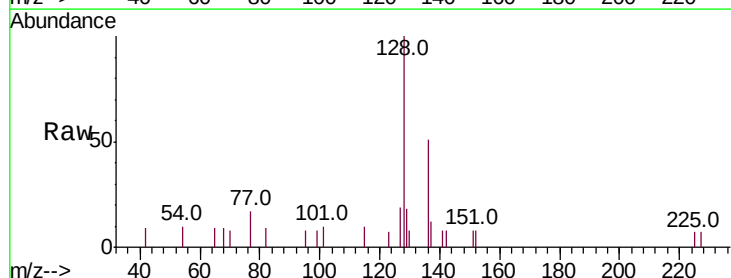
Tgt Ion: 128 Resp: 1434

Ion Ratio Lower Upper

128 100

129 17.6 9.8 14.8#

127 19.3 11.3 16.9#



Abundance Ion 128.00 (127.70 to 128.70): BN011103.D (-830) (-)

Ion 129.00 (128.70 to 129.70): BN011103.D (-830) (-)

Ion 127.00 (126.70 to 127.70): BN011103.D (-830) (-)

10.32

800

600

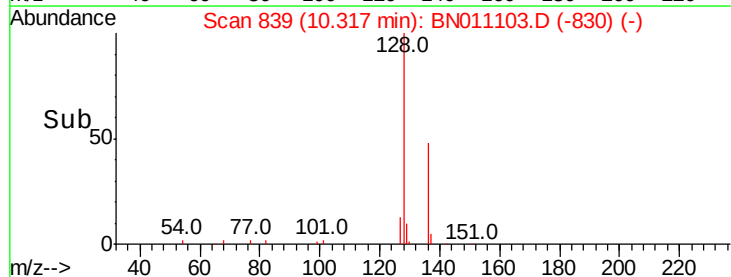
400

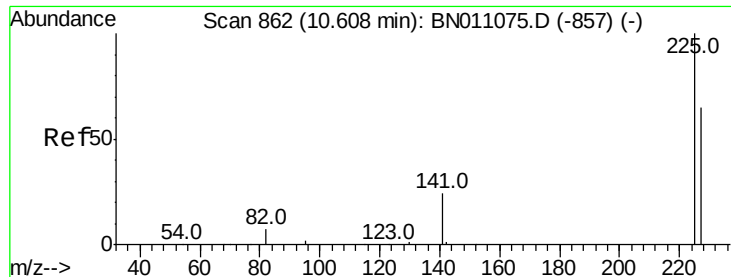
200

0

10.20 10.30 10.40 10.50

Time-->

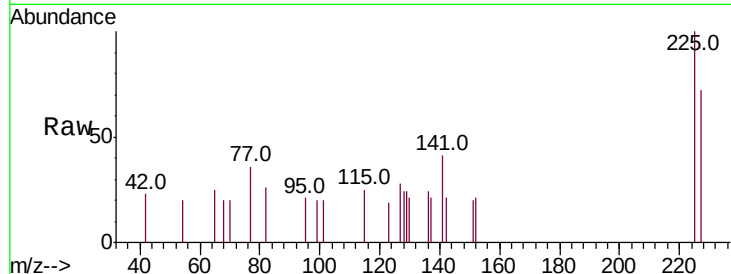




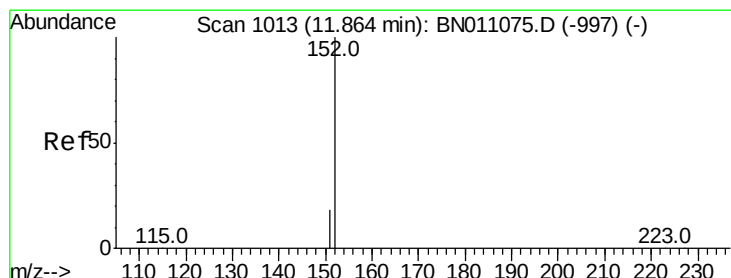
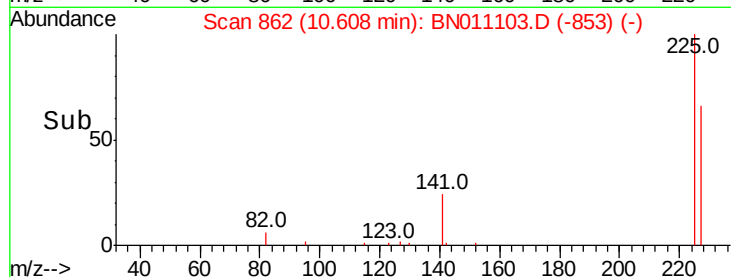
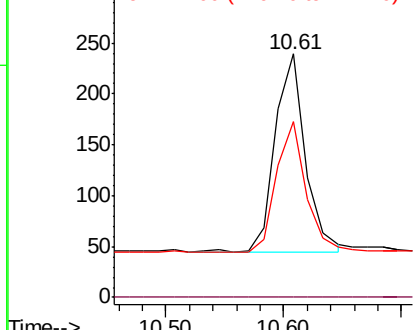
#10
Hexachlorobutadiene
Concen: 0.081 ng
RT: 10.61 min Scan# 862
Delta R.T. 0.01 min
Lab File: BN011103.D
Acq: 06 Jul 2020 12:24

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-04

Tot Ion:225 Resp: 350
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.0 51.4 77.2

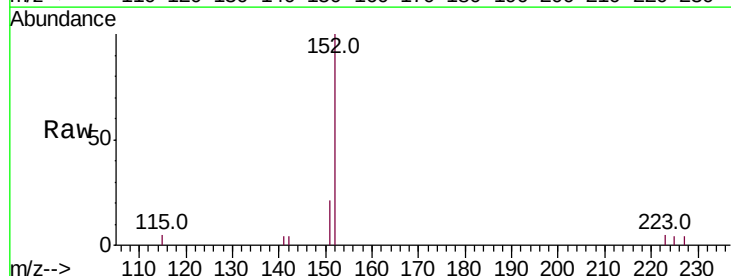


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

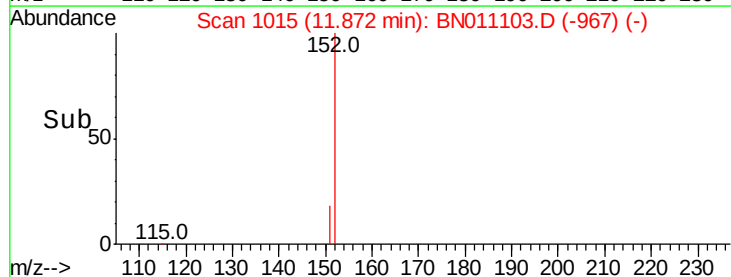
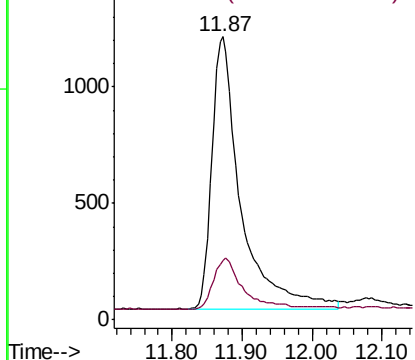


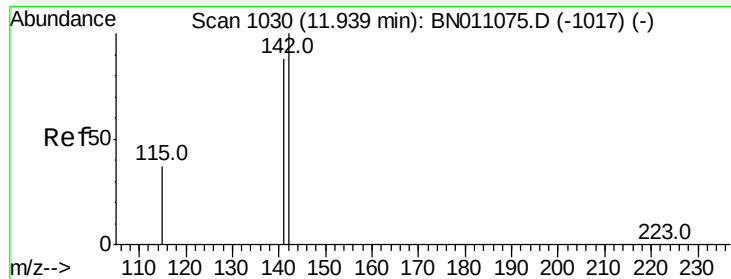
#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 11.87 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BN011103.D
Acq: 06 Jul 2020 12:24

Tgt Ion:152 Resp: 3353
Ion Ratio Lower Upper
152 100
151 19.4 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

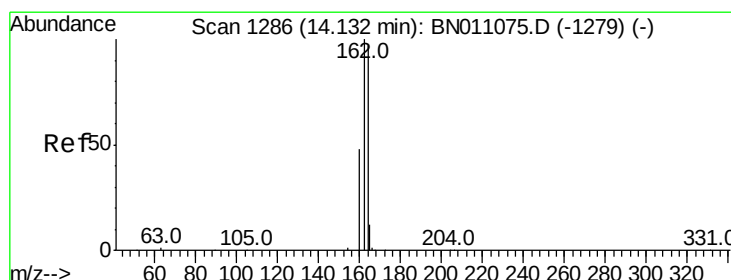
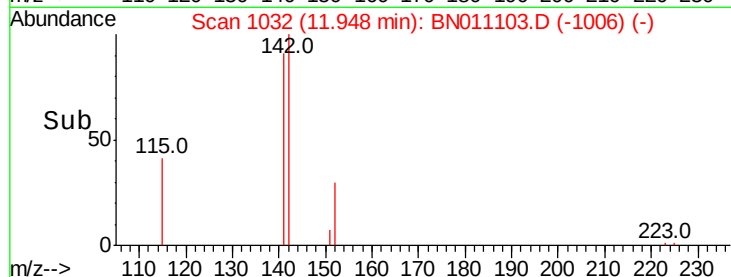
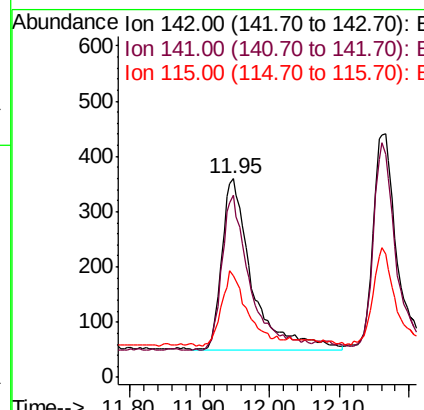
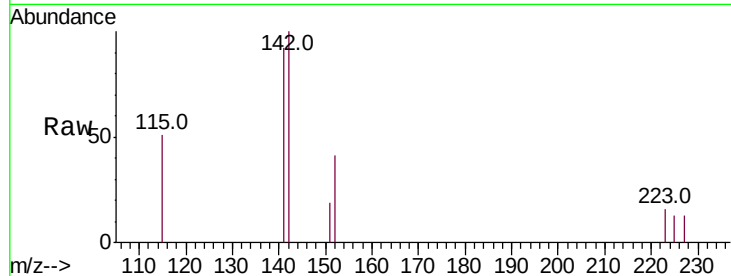




#12
2-Methylnaphthalene
Concen: 0.082 ng
RT: 11.95 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BN011103.D
Acq: 06 Jul 2020 12:24

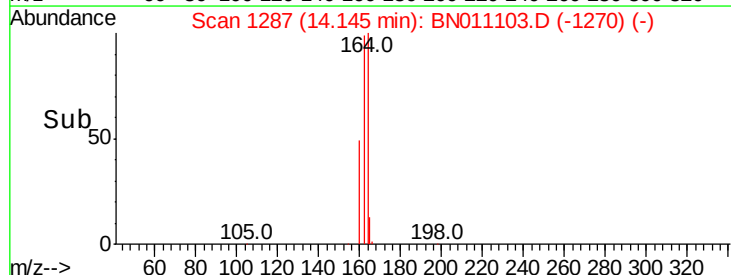
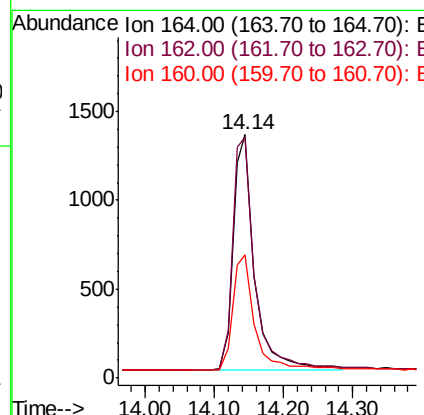
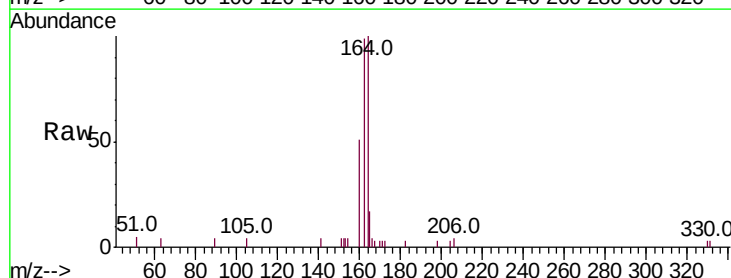
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-04

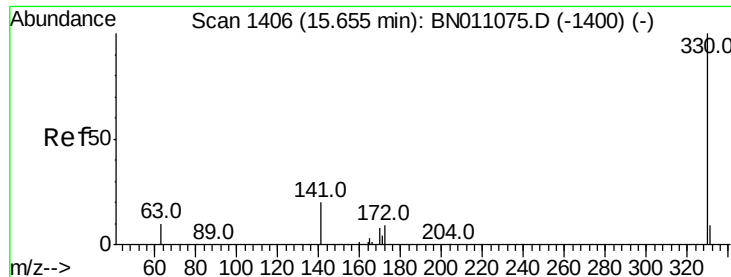
Tot Ion:142 Resp: 931
Ion Ratio Lower Upper
142 100
141 91.9 70.3 105.5
115 51.3 31.2 46.8#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BN011103.D
Acq: 06 Jul 2020 12:24

Tgt Ion:164 Resp: 2906
Ion Ratio Lower Upper
164 100
162 99.2 82.3 123.5
160 50.8 40.6 61.0

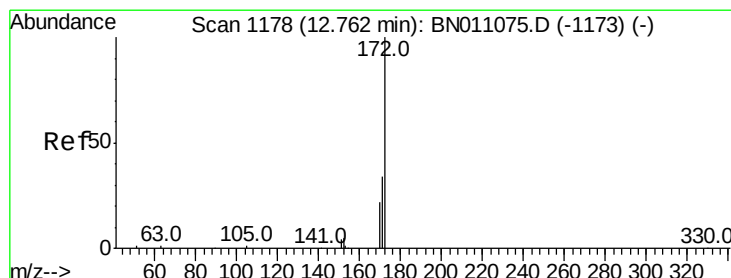
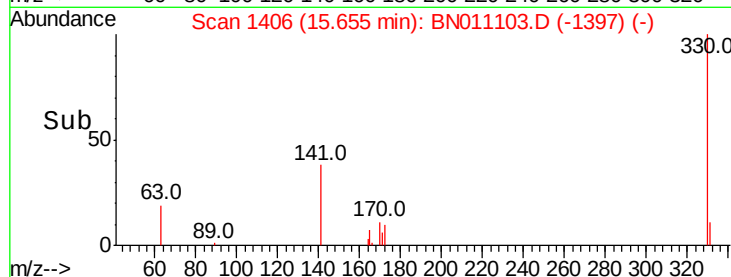
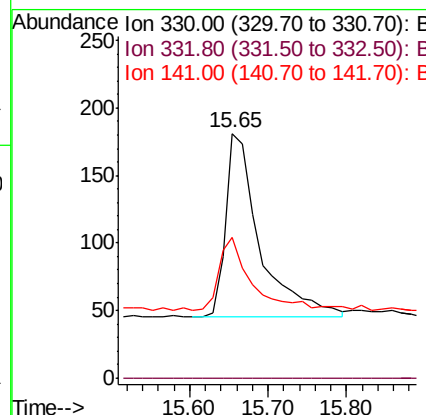
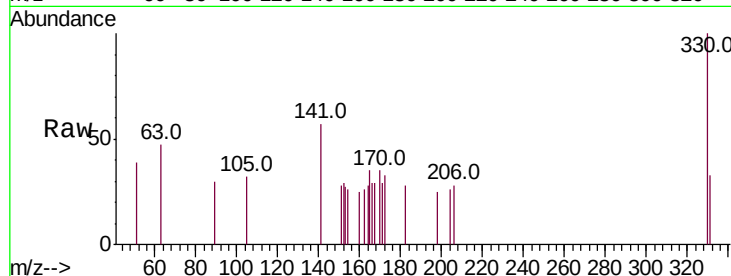




#14
 2,4,6-Tribromophenol
 Concen: 0.341 ng
 RT: 15.65 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BN011103.D
 Acq: 06 Jul 2020 12:24

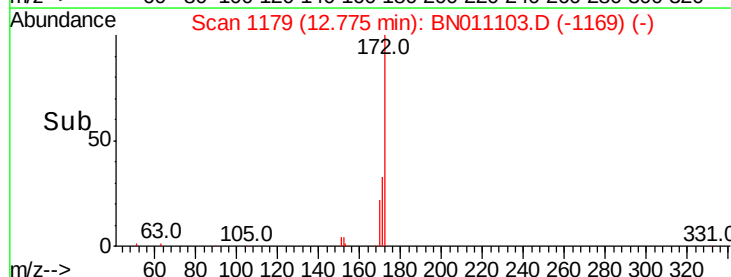
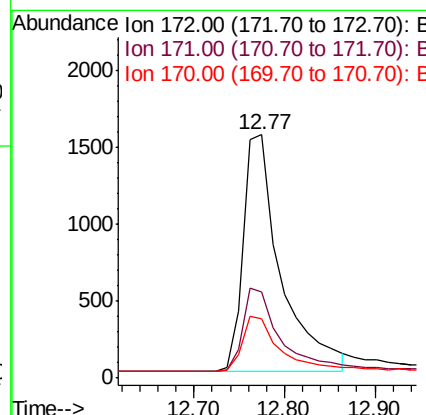
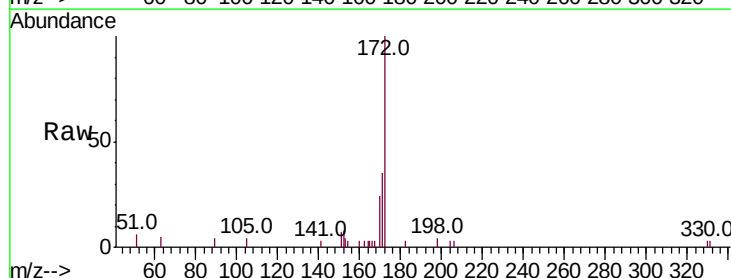
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-04

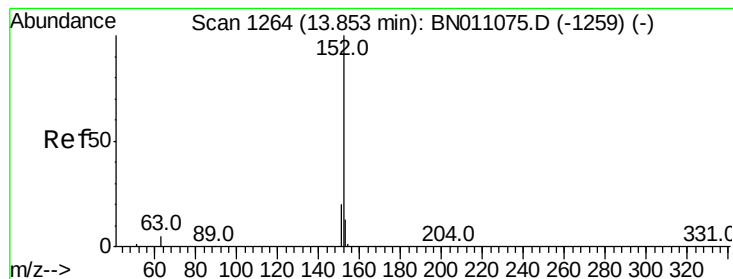
Tot Ion:330 Resp: 416
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 38.7 32.6 49.0



#15
 2-Fluorobiphenyl
 Concen: 0.325 ng
 RT: 12.77 min Scan# 1179
 Delta R.T. 0.03 min
 Lab File: BN011103.D
 Acq: 06 Jul 2020 12:24

Tgt Ion:172 Resp: 4451
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.9 41.9
 170 24.1 18.7 28.1





#16

Acenaphthylene

Concen: 0.080 ng

RT: 13.85 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-04

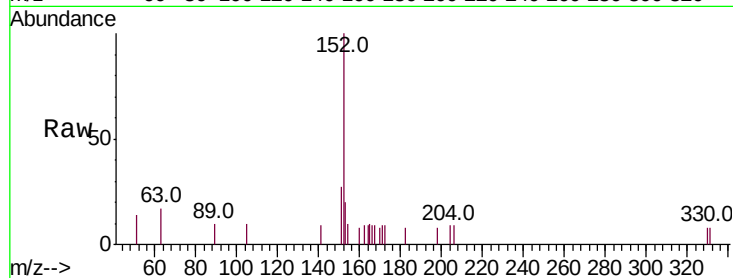
Tot Ion:152 Resp: 1166

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

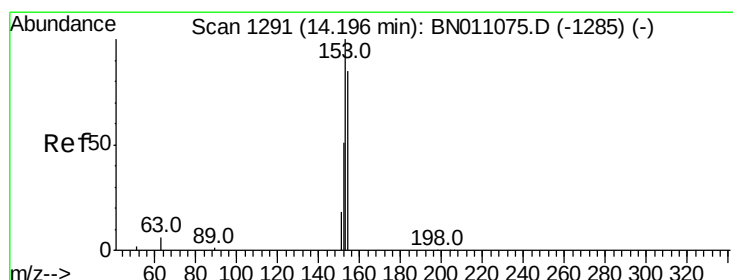
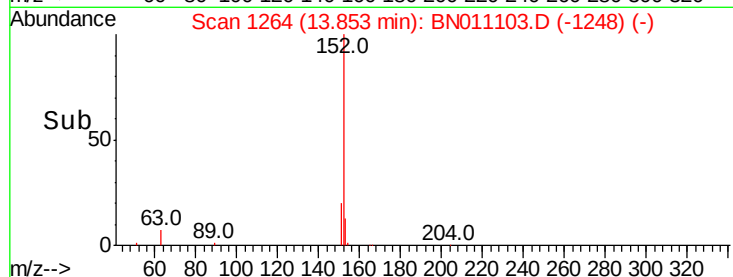
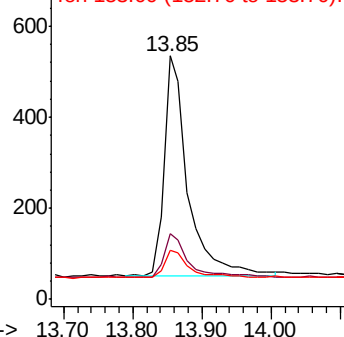
153 13.0 10.8 16.2



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: 0.080 ng

RT: 14.21 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

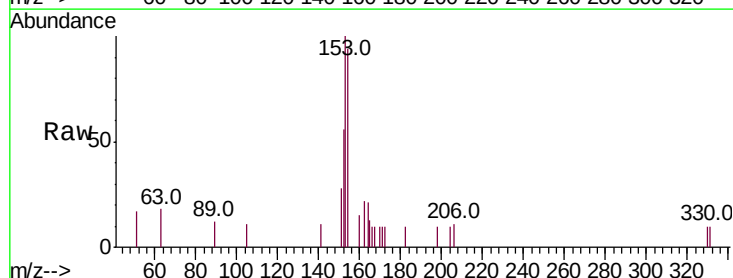
Tgt Ion:154 Resp: 785

Ion Ratio Lower Upper

154 100

153 114.5 91.7 137.5

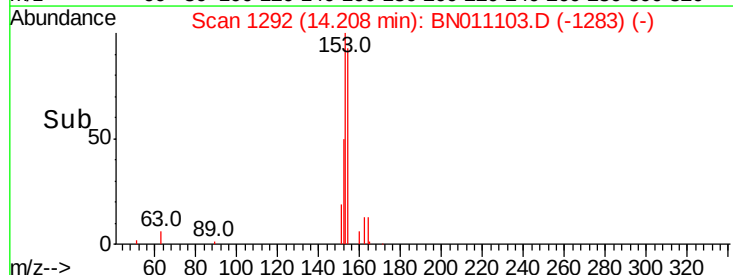
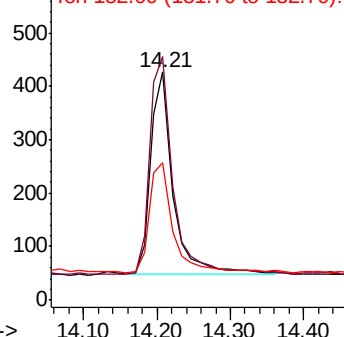
152 59.1 46.8 70.2

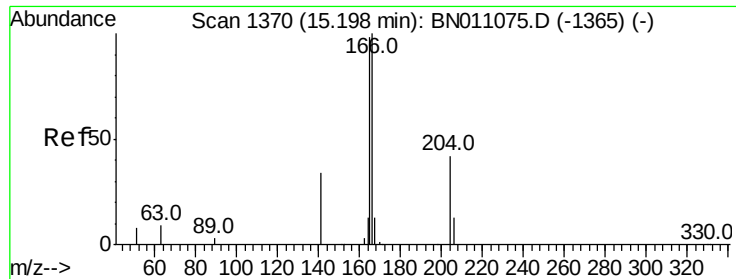


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

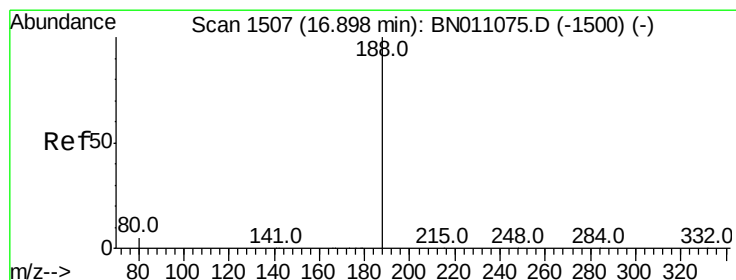
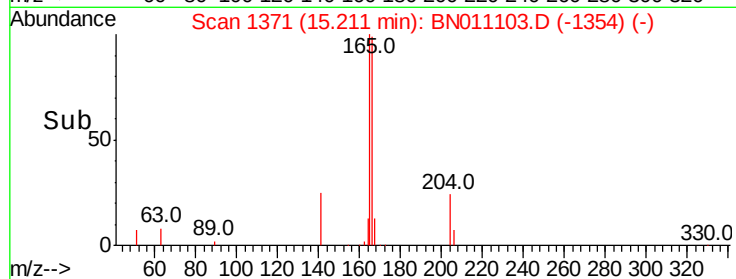
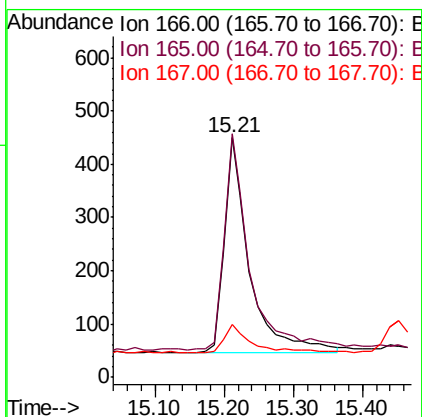
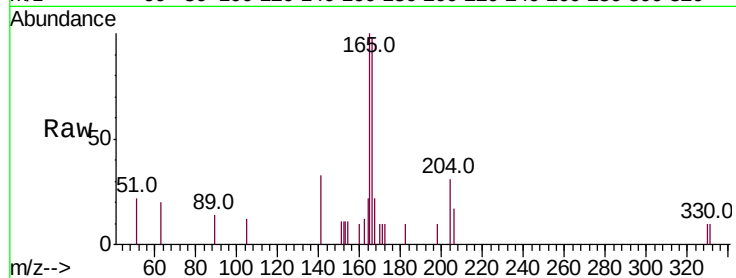




#18
 Fluorene
 Concen: 0.083 ng
 RT: 15.21 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: BN011103.D
 Acq: 06 Jul 2020 12:24

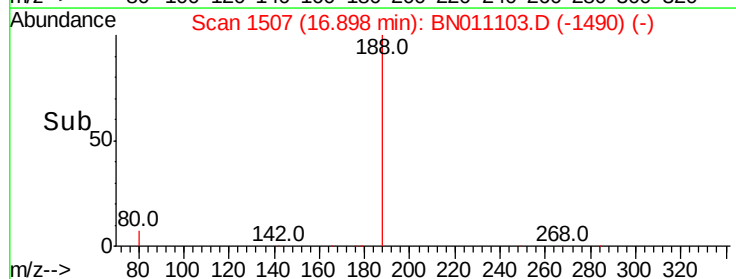
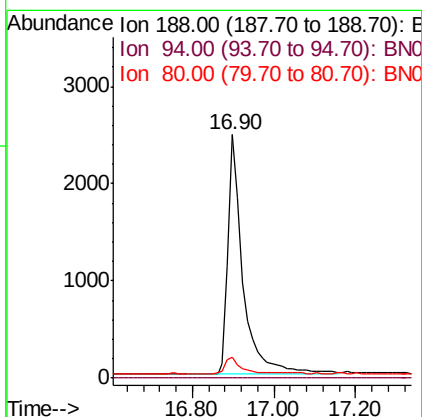
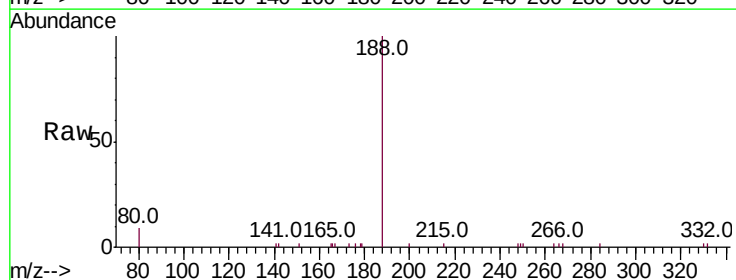
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-04

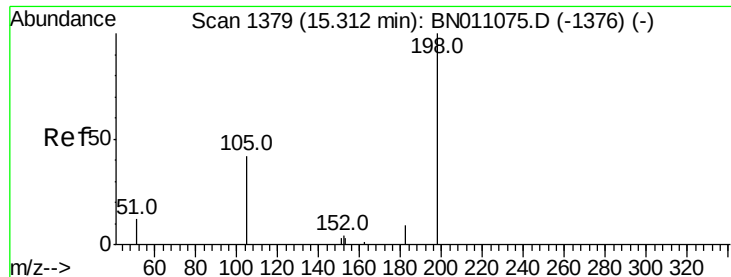
Tot Ion:166 Resp: 1030
 Ion Ratio Lower Upper
 166 100
 165 101.7 78.9 118.3
 167 14.2 10.9 16.3



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.90 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BN011103.D
 Acq: 06 Jul 2020 12:24

Tgt Ion:188 Resp: 6142
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.8 5.3 7.9#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.046 ng

RT: 15.38 min Scan# 1384

Delta R.T. 0.06 min

Lab File: BN01103.D

Acq: 06 Jul 2020 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-04

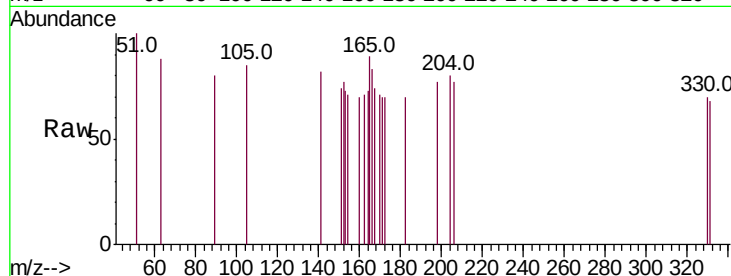
Tot Ion:198 Resp: 30

Ion Ratio Lower Upper

198 100

51 129.4 58.2 87.4#

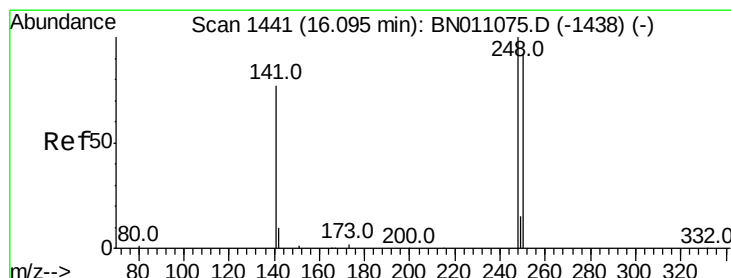
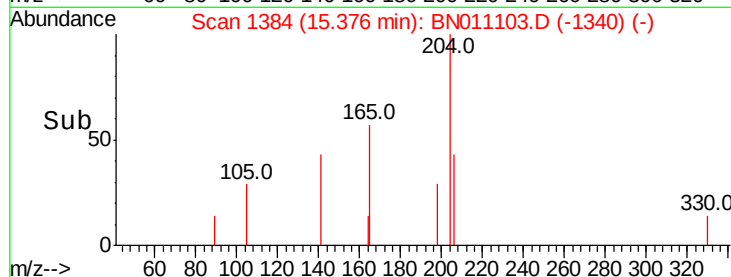
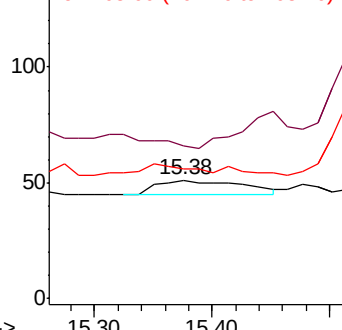
105 109.8 59.0 88.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

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: BN01103.D

Acq: 06 Jul 2020 12:24

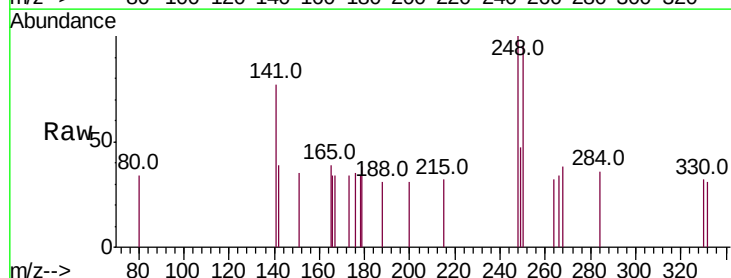
Tgt Ion:248 Resp: 263

Ion Ratio Lower Upper

248 100

250 95.1 73.8 110.8

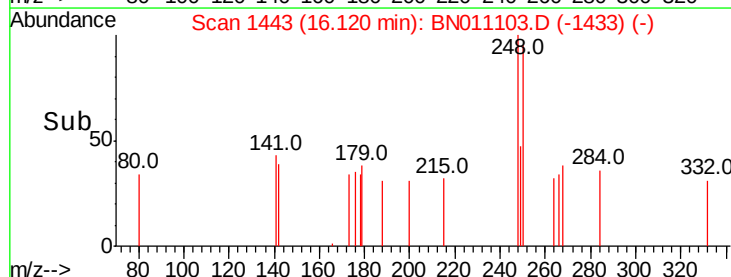
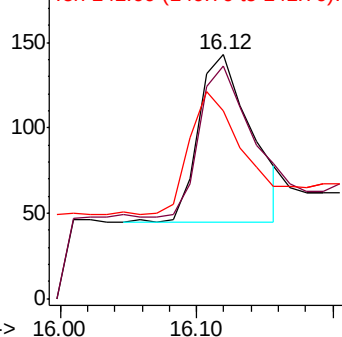
141 76.9 63.1 94.7

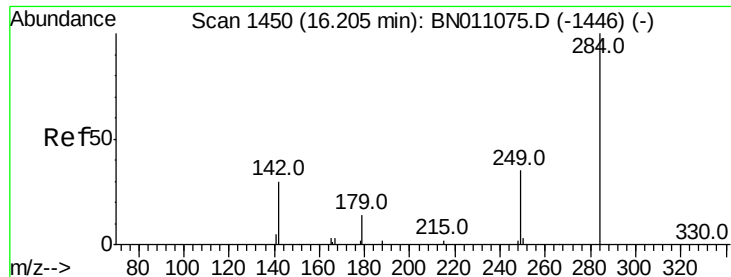


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Hexachlorobenzene

Concen: 0.079 ng

RT: 16.20 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BN01103.D

Acq: 06 Jul 2020 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-04

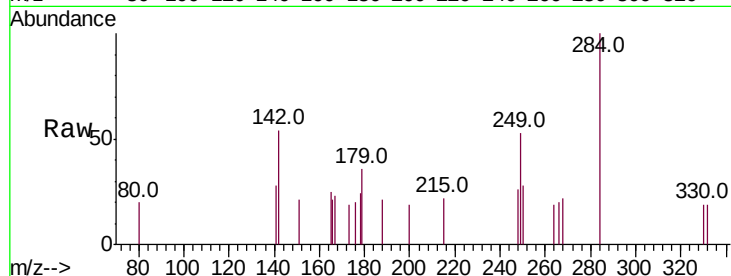
Tot Ion:284 Resp: 378

Ion Ratio Lower Upper

284 100

142 37.6 33.3 49.9

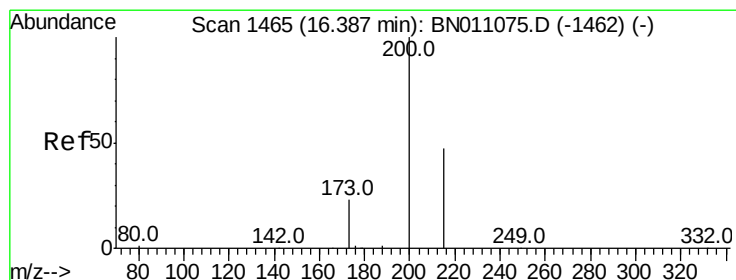
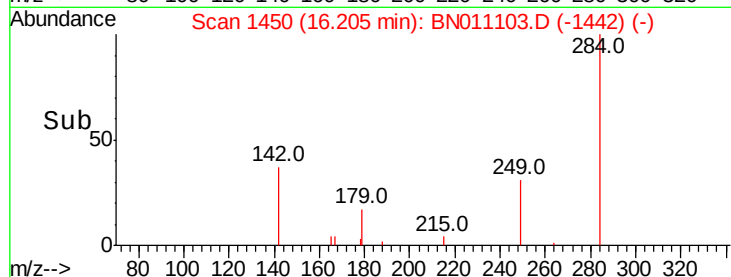
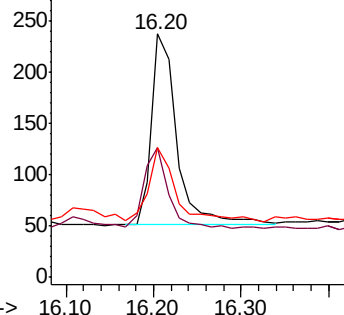
249 42.1 27.4 41.2#



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: 0.079 ng

RT: 16.40 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BN01103.D

Acq: 06 Jul 2020 12:24

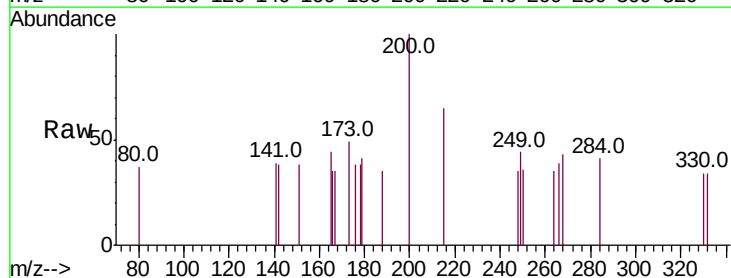
Tgt Ion:200 Resp: 227

Ion Ratio Lower Upper

200 100

173 48.9 22.8 34.2#

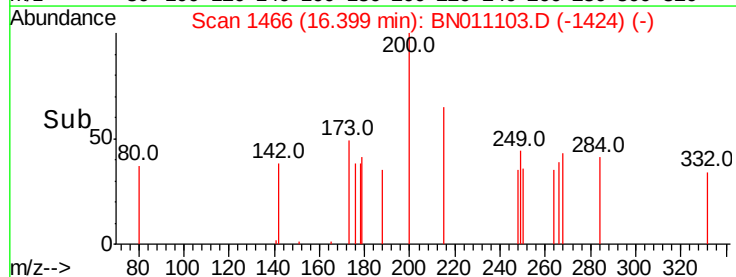
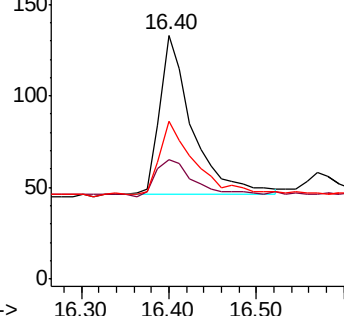
215 64.7 40.7 61.1#

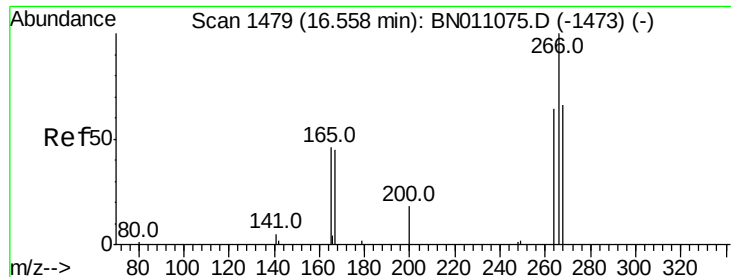


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#24

Pentachlorophenol

Concen: 0.161 ng

RT: 16.57 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-04

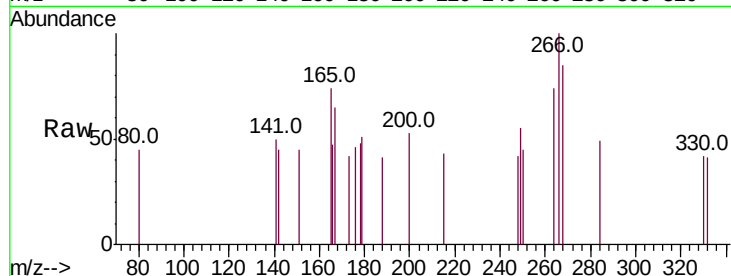
Tot Ion:266 Resp: 208

Ion Ratio Lower Upper

266 100

264 65.9 47.4 71.0

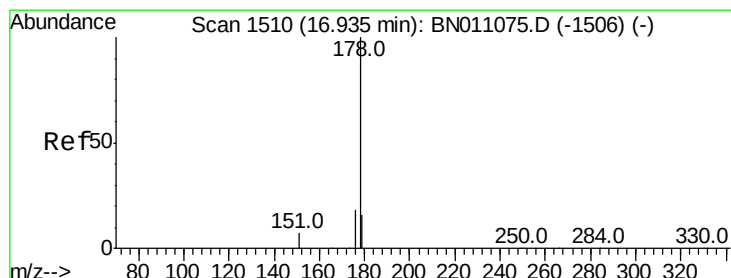
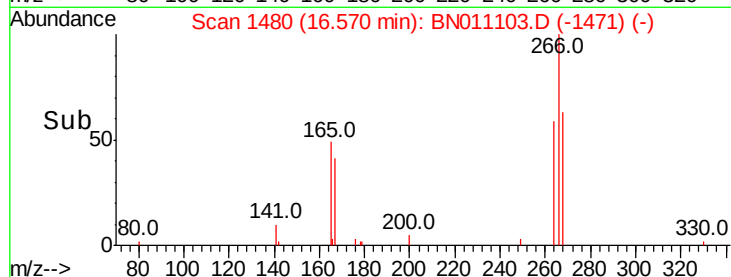
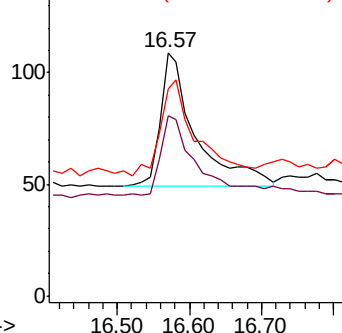
268 65.9 55.0 82.4



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: 0.076 ng

RT: 16.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

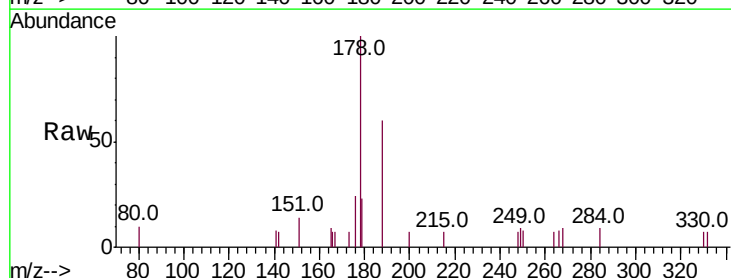
Tgt Ion:178 Resp: 1517

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.6

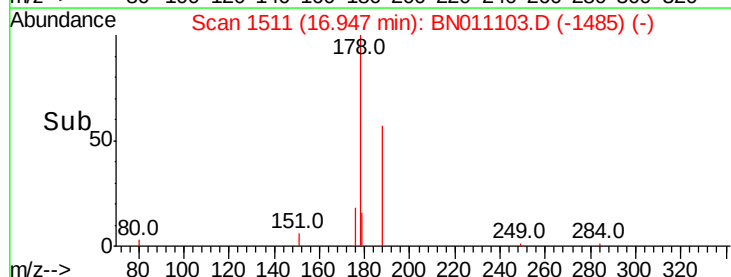
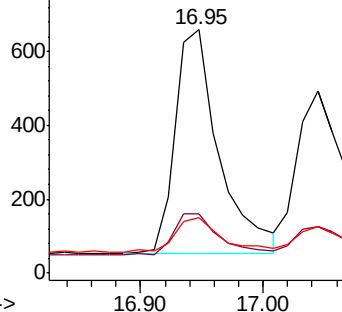
179 16.3 12.5 18.7

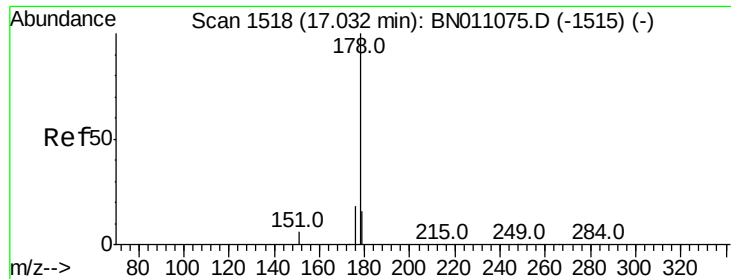


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#26

Anthracene

Concen: 0.072 ng

RT: 17.04 min Scan# 1519

Delta R.T. 0.02 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-04

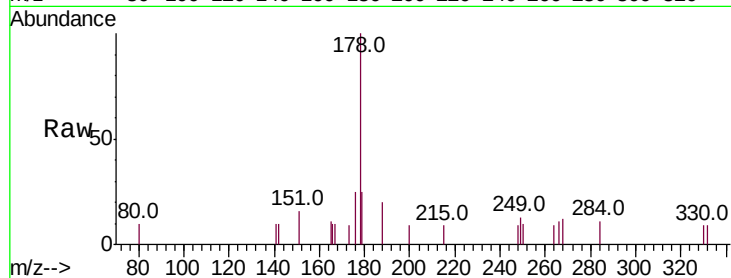
Tot Ion:178 Resp: 1183

Ion Ratio Lower Upper

178 100

176 17.8 14.2 21.4

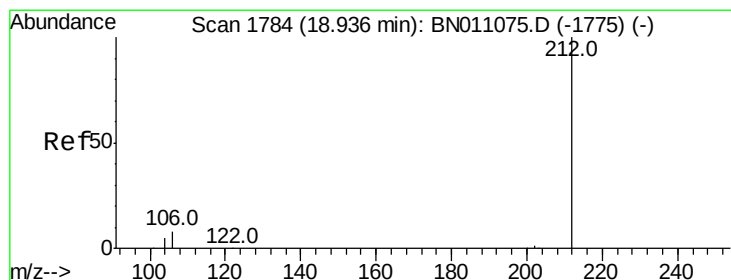
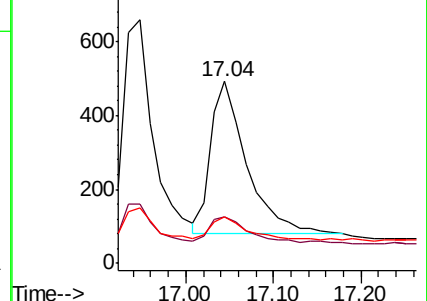
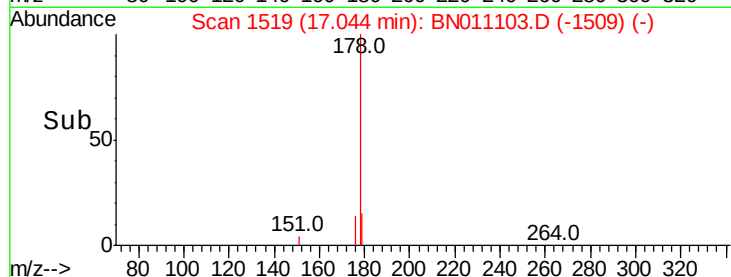
179 13.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#27

Fluoranthene-d10

Concen: 0.364 ng

RT: 18.94 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

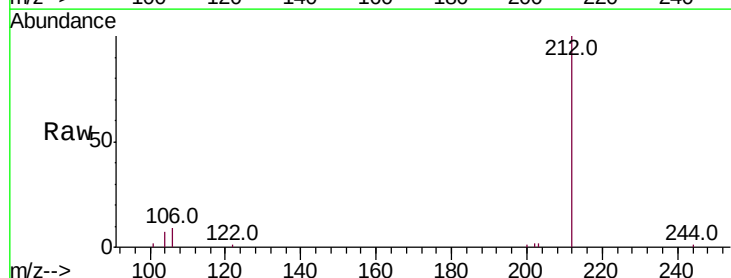
Tgt Ion:212 Resp: 6752

Ion Ratio Lower Upper

212 100

106 8.1 7.1 10.7

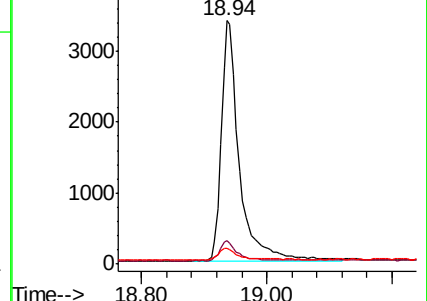
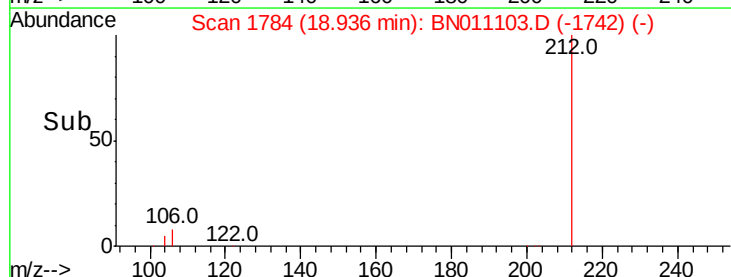
104 4.8 4.2 6.4

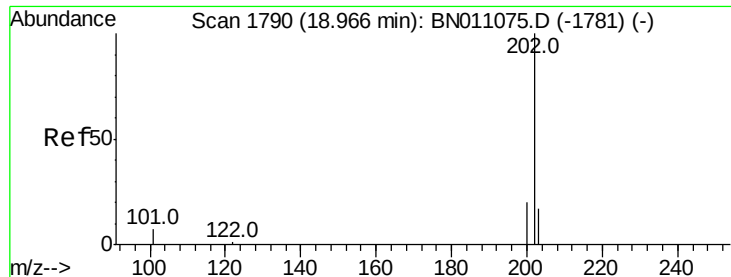


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

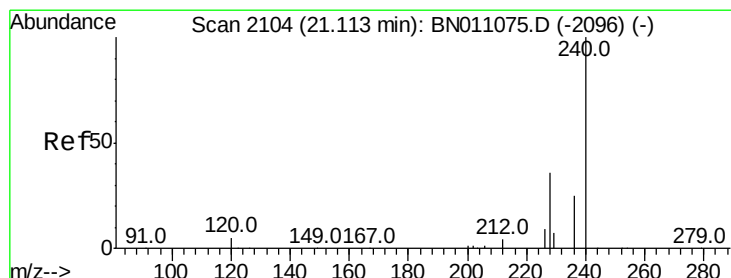
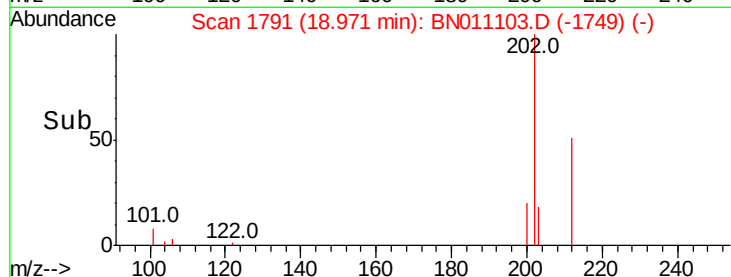
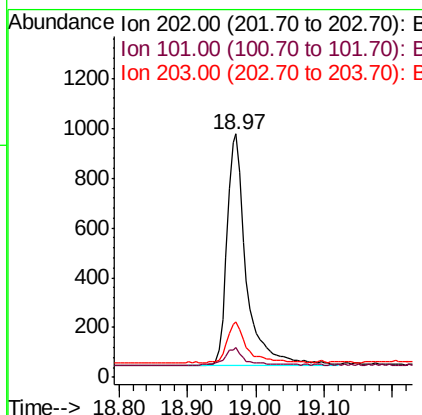
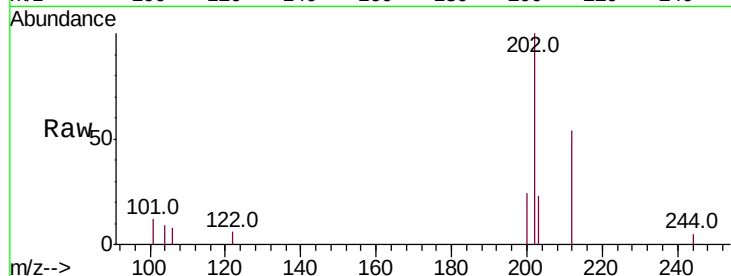




#28
 Fluoranthene
 Concen: 0.082 ng
 RT: 18.97 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BN011103.D
 Acq: 06 Jul 2020 12:24

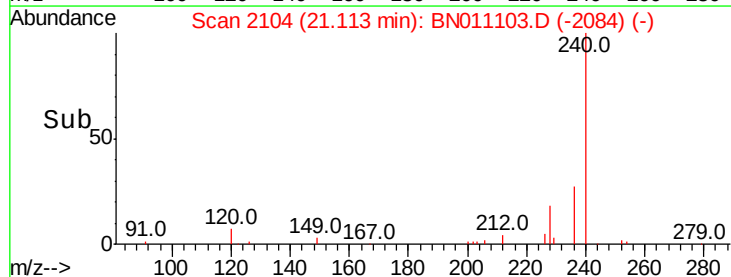
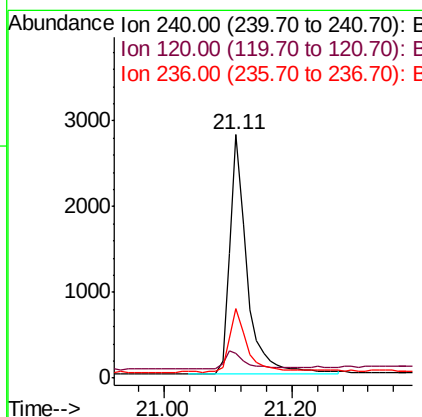
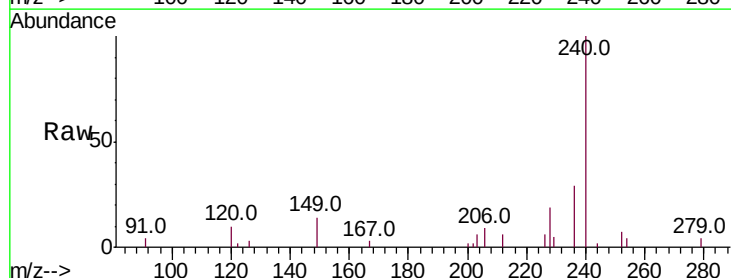
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-04

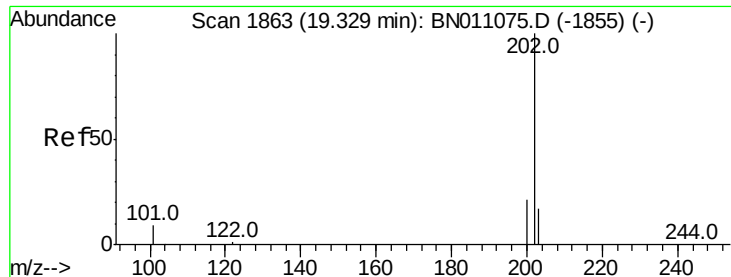
Tot Ion:202 Resp: 1829
 Ion Ratio Lower Upper
 202 100
 101 8.4 6.3 9.5
 203 17.4 13.5 20.3



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2104
 Delta R.T. 0.01 min
 Lab File: BN011103.D
 Acq: 06 Jul 2020 12:24

Tgt Ion:240 Resp: 5166
 Ion Ratio Lower Upper
 240 100
 120 10.2 6.5 9.7#
 236 28.7 21.9 32.9





#30

Pvrene

Concen: 0.090 ng

RT: 19.33 min Scan# 1864

Delta R.T. 0.01 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-04

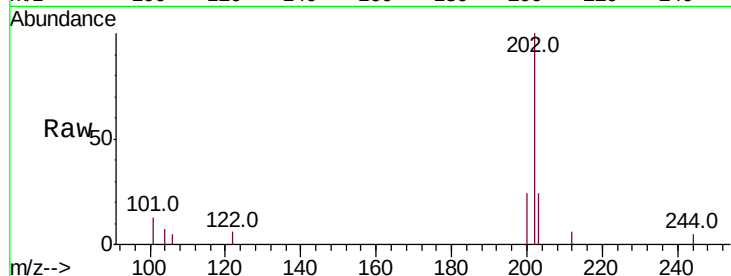
Tot Ion:202 Resp: 1733

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

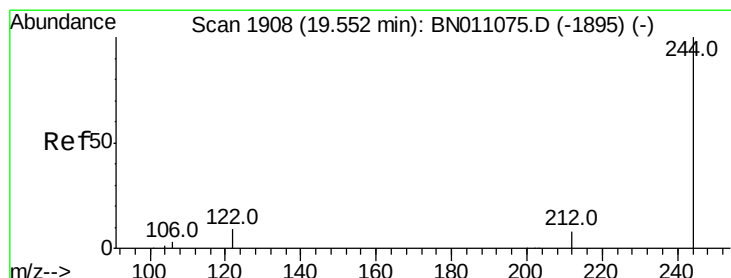
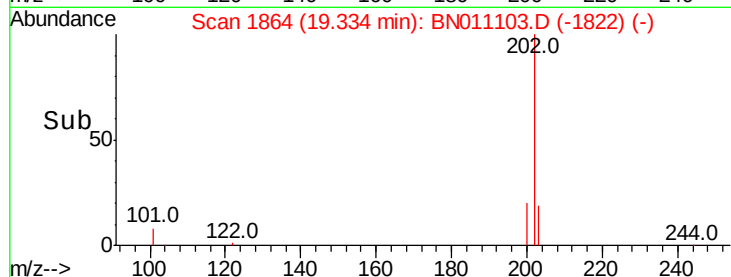
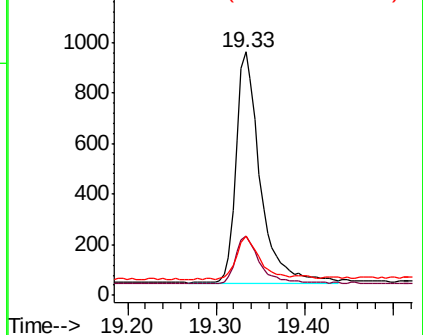
203 17.4 14.2 21.4



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: 0.375 ng

RT: 19.56 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

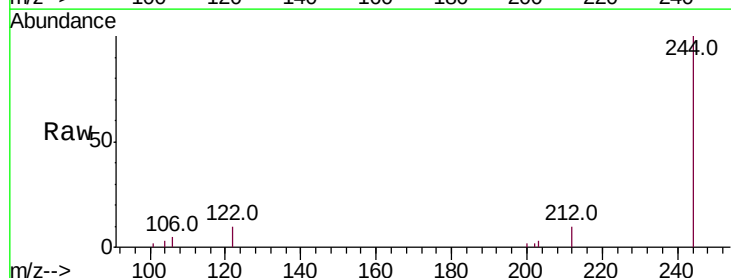
Tgt Ion:244 Resp: 5040

Ion Ratio Lower Upper

244 100

212 10.0 7.5 11.3

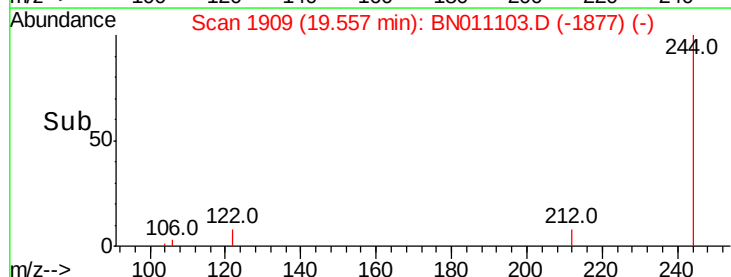
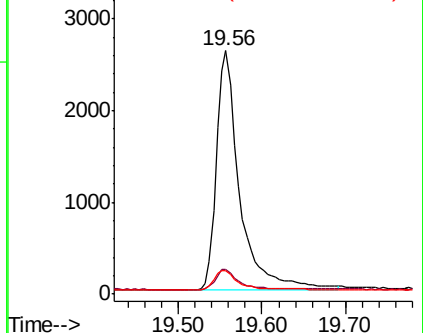
122 9.6 8.2 12.4

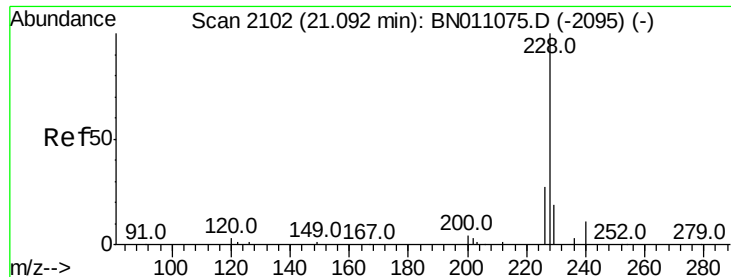


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Benzo(a)anthracene

Concen: 0.075 ng

RT: 21.10 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-04

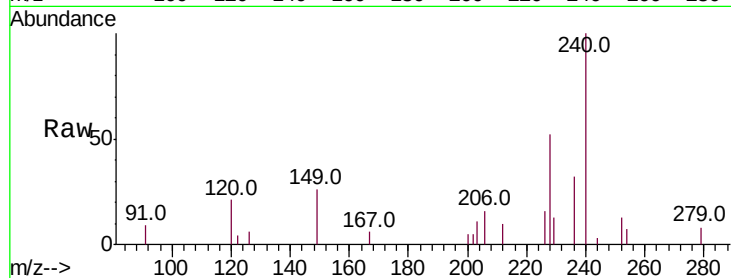
Tot Ion:228 Resp: 1299

Ion Ratio Lower Upper

228 100

226 31.3 22.0 33.0

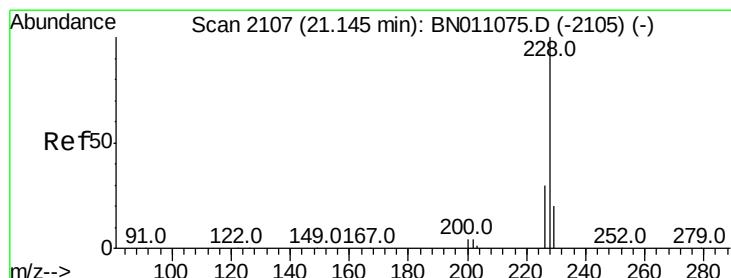
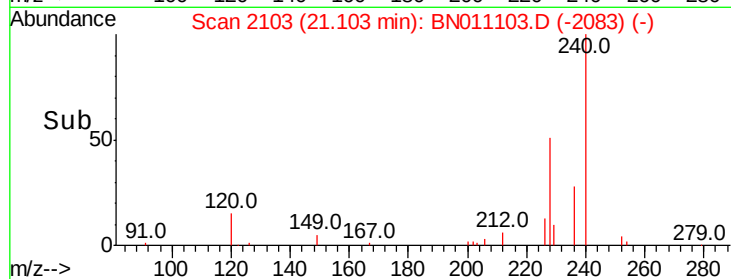
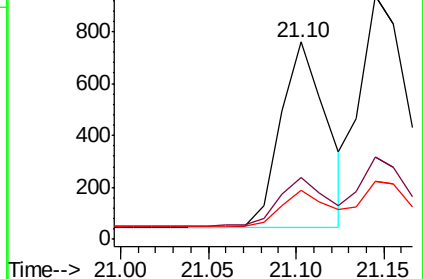
229 24.9 16.1 24.1#



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: 0.089 ng

RT: 21.15 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

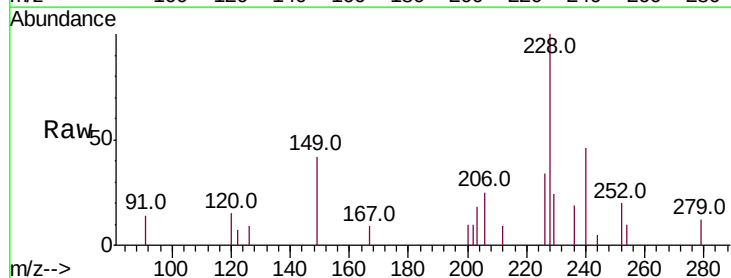
Tgt Ion:228 Resp: 1762

Ion Ratio Lower Upper

228 100

226 33.9 24.0 36.0

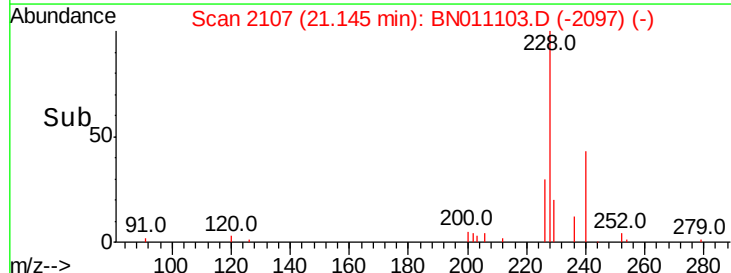
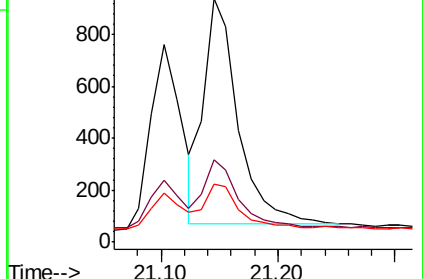
229 24.0 16.4 24.6

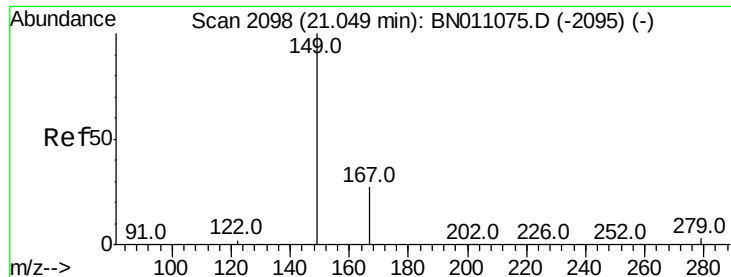


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

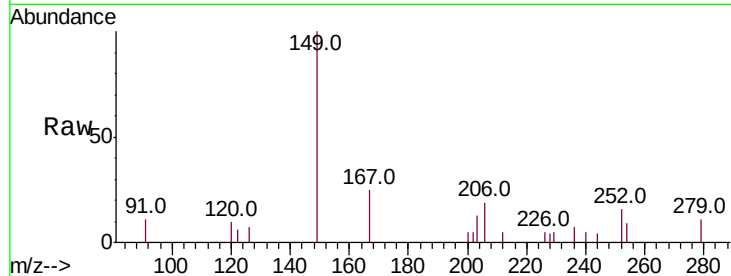




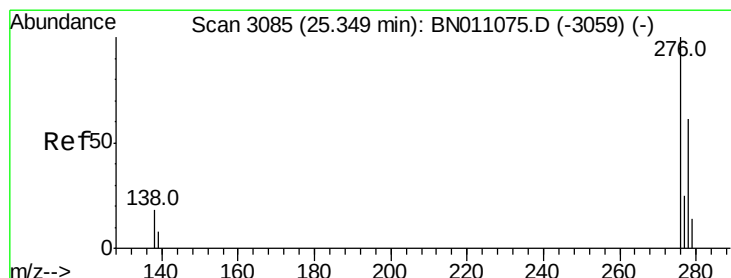
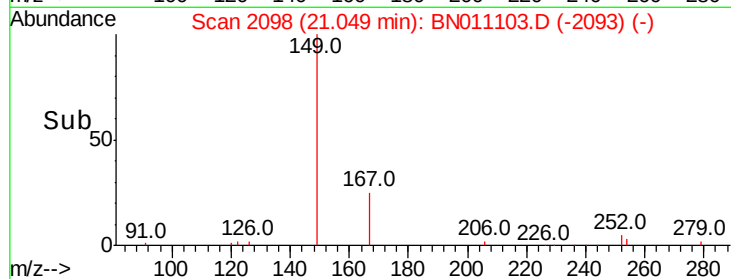
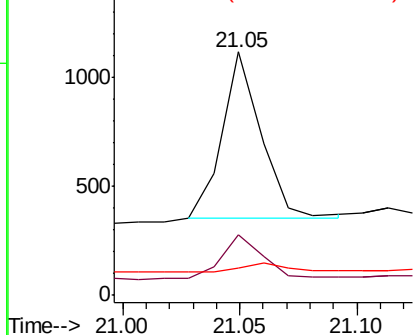
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.126 ng
 RT: 21.05 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BN011103.D
 Acq: 06 Jul 2020 12:24

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-04

Tot Ion:149 Resp: 879
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.2 33.4
 279 7.6 4.5 6.7#

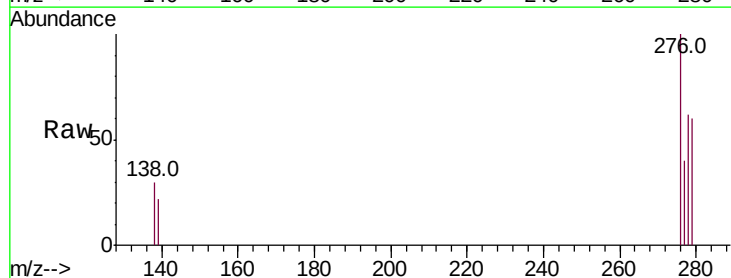


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

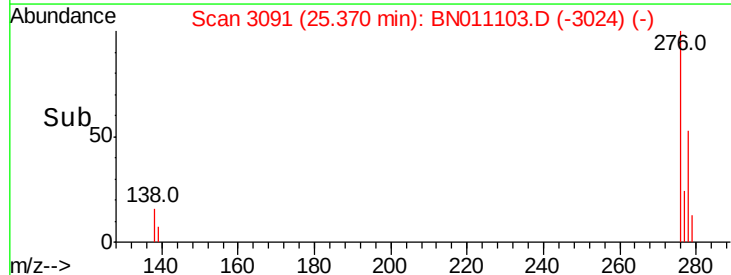
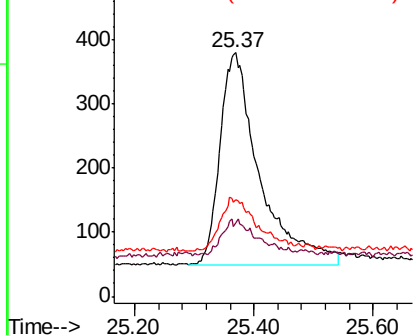


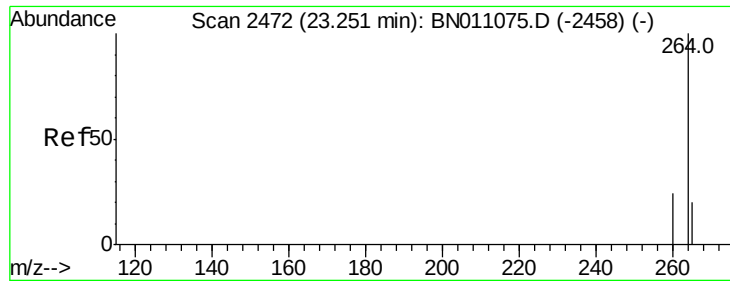
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.073 ng
 RT: 25.37 min Scan# 3091
 Delta R.T. 0.03 min
 Lab File: BN011103.D
 Acq: 06 Jul 2020 12:24

Tgt Ion:276 Resp: 1522
 Ion Ratio Lower Upper
 276 100
 138 5.3 15.4 23.0#
 277 8.3 19.4 29.0#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

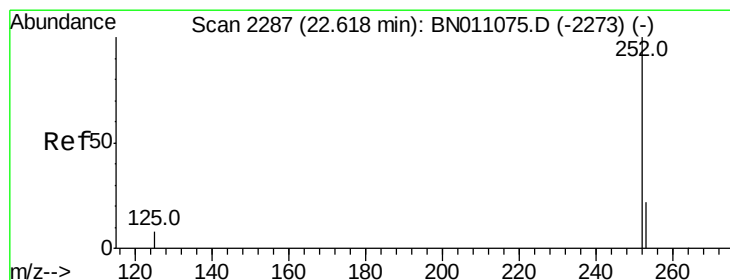
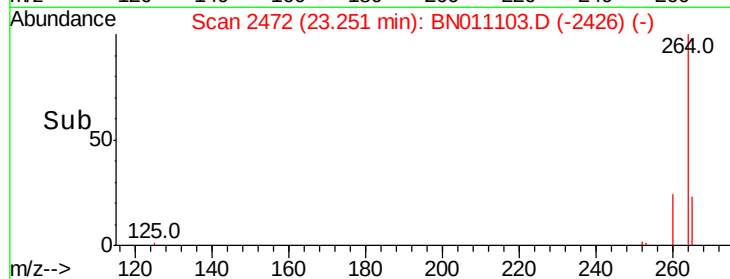
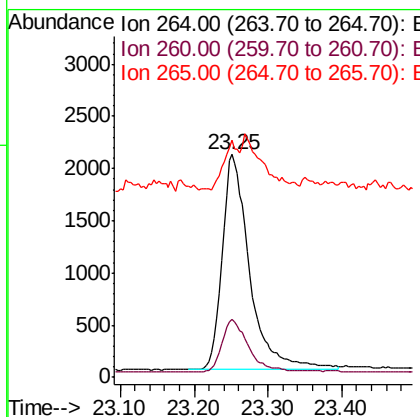
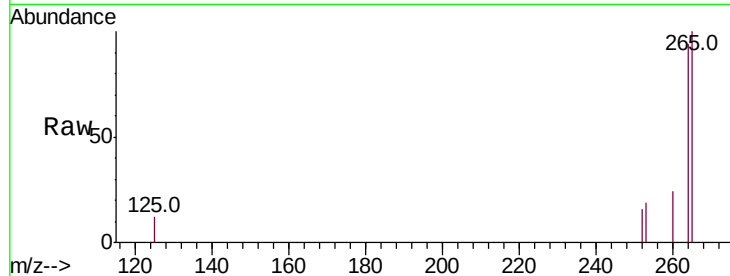




#36
Pervlene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BN011103.D
Acq: 06 Jul 2020 12:24

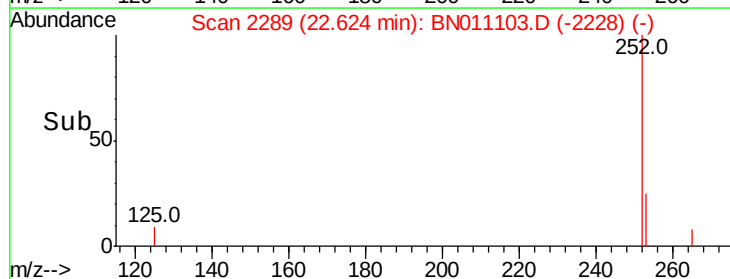
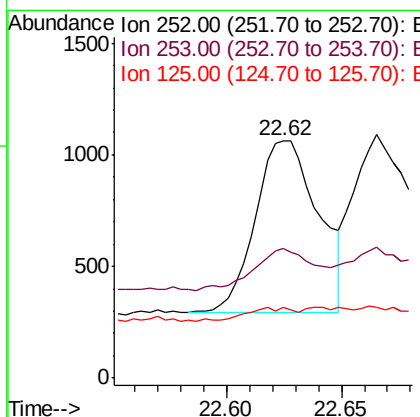
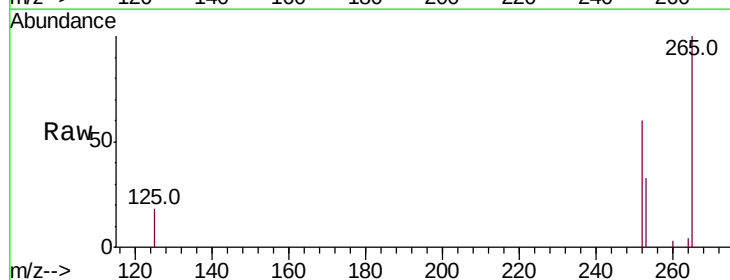
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-04

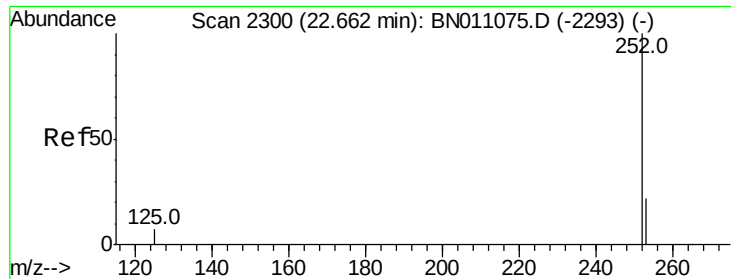
Tot Ion:264 Resp: 5305
Ion Ratio Lower Upper
264 100
260 26.0 20.4 30.6
265 106.4 83.0 124.6



#37
Benzo(b)fluoranthene
Concen: 0.069 ng
RT: 22.62 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BN011103.D
Acq: 06 Jul 2020 12:24

Tgt Ion:252 Resp: 1473
Ion Ratio Lower Upper
252 100
253 54.5 22.7 34.1#
125 29.7 10.4 15.6#

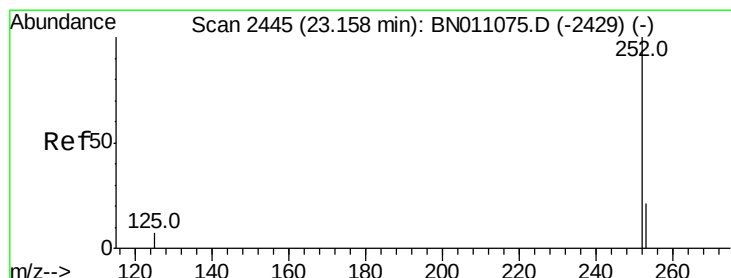
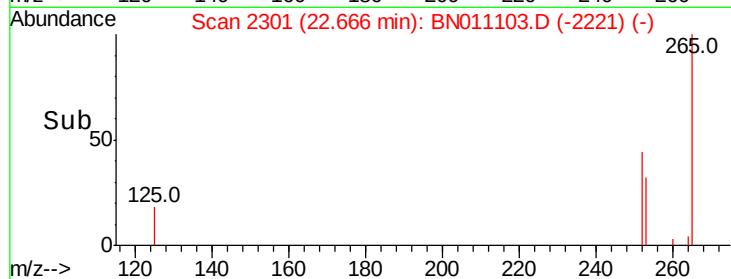
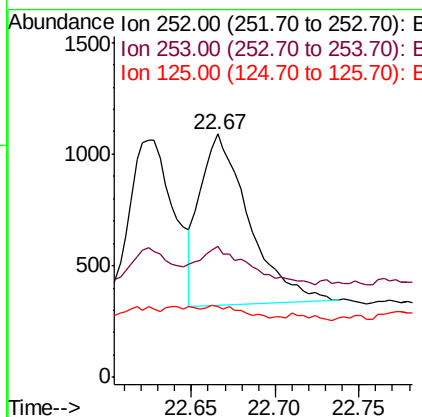
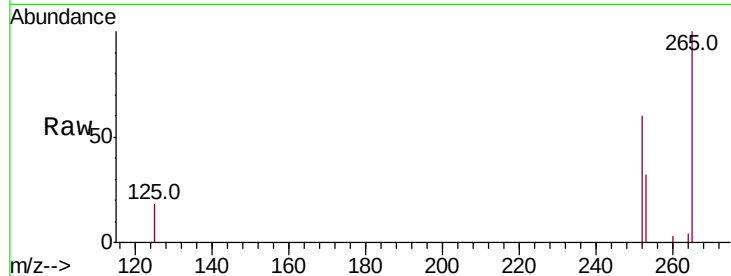




#38
Benzo(k)fluoranthene
Concen: 0.068 ng
RT: 22.67 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BN011103.D
Acq: 06 Jul 2020 12:24

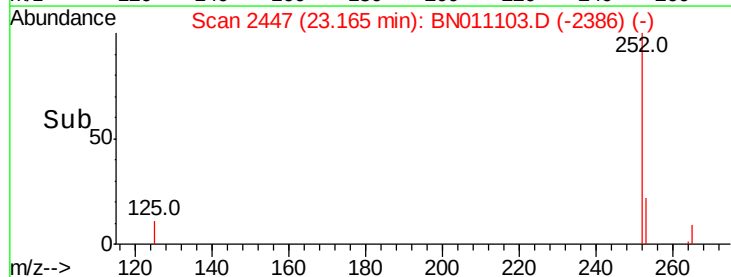
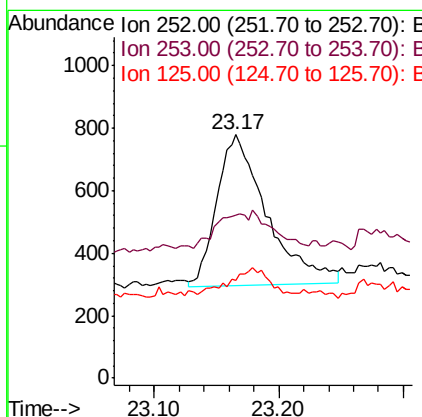
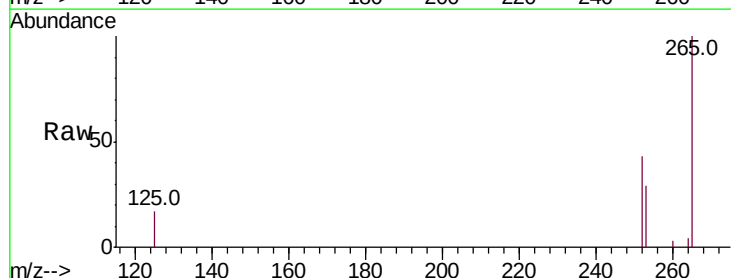
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-04

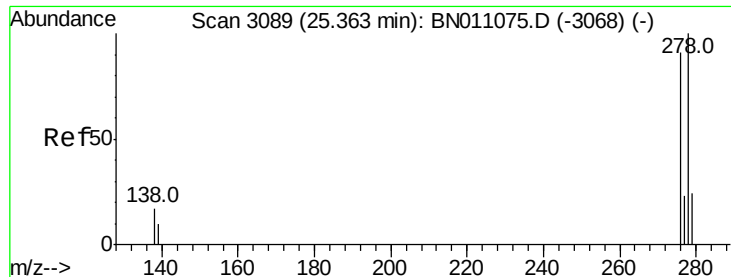
Tot Ion:252 Resp: 1559
Ion Ratio Lower Upper
252 100
253 53.7 22.9 34.3#
125 29.2 10.6 15.8#



#39
Benzo(a)pyrene
Concen: 0.073 ng
RT: 23.17 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BN011103.D
Acq: 06 Jul 2020 12:24

Tgt Ion:252 Resp: 1339
Ion Ratio Lower Upper
252 100
253 66.9 25.9 38.9#
125 39.9 12.5 18.7#





#40

Dibenzo(a,h)anthracene

Concen: 0.053 ng

RT: 25.39 min Scan# 3098

Delta R.T. 0.04 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-04

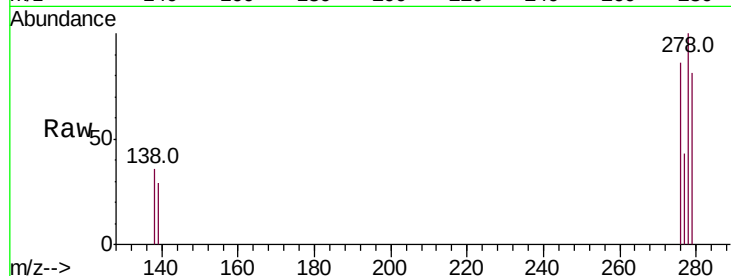
Tot Ion:278 Resp: 989

Ion Ratio Lower Upper

278 100

139 29.4 11.9 17.9#

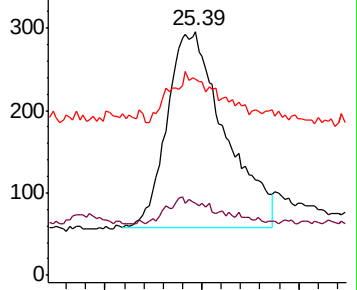
279 80.7 25.5 38.3#



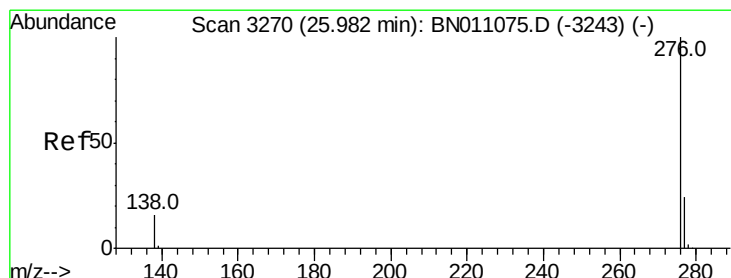
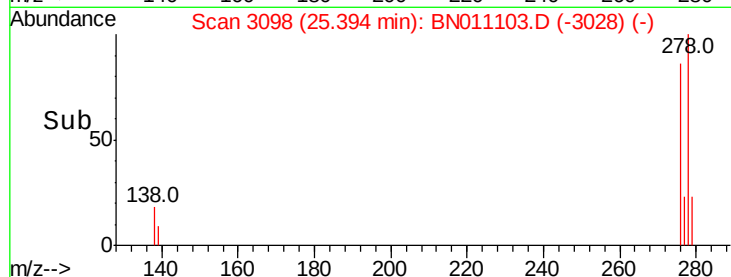
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#41

Benzo(g,h,i)perylene

Concen: 0.075 ng

RT: 25.99 min Scan# 3271

Delta R.T. 0.02 min

Lab File: BN011103.D

Acq: 06 Jul 2020 12:24

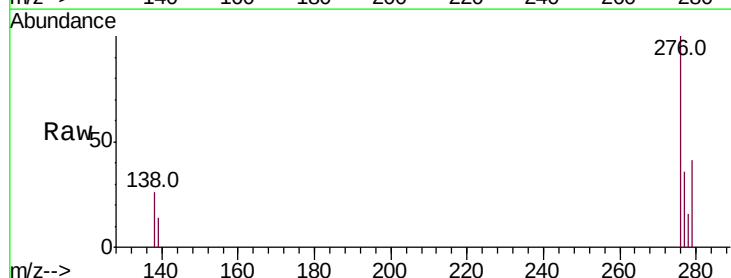
Tgt Ion:276 Resp: 1560

Ion Ratio Lower Upper

276 100

277 35.7 21.1 31.7#

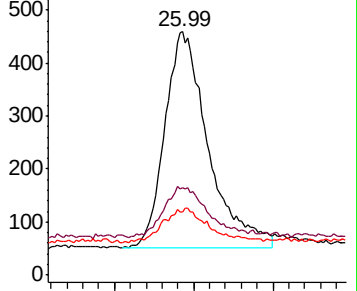
138 26.1 15.0 22.6#



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



Time-->

