

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030118\
 Data File : BN000224.D
 Acq On : 01 Mar 2018 19:04
 Operator : JU/SJ
 Sample : J1161-09
 Misc : MDL 0.1 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Quant Time: Mar 02 09:02:05 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 15:07:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5608	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	20366	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10467	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	25324	0.40	ng	0.00
27) Chrysene-d12	21.89	240	19369	0.40	ng	0.00
34) Perylene-d12	24.37	264	15277	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	3922	0.33	ng	0.00
5) Phenol-d6	7.57	99	4793	0.32	ng	0.00
8) Nitrobenzene-d5	9.63	82	3796	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	11189	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1036	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	16836	0.34	ng	0.00
25) Fluoranthene-d10	19.77	212	21776	0.32	ng	0.00
29) Terphenyl-d14	20.33	244	12524	0.37	ng	0.00

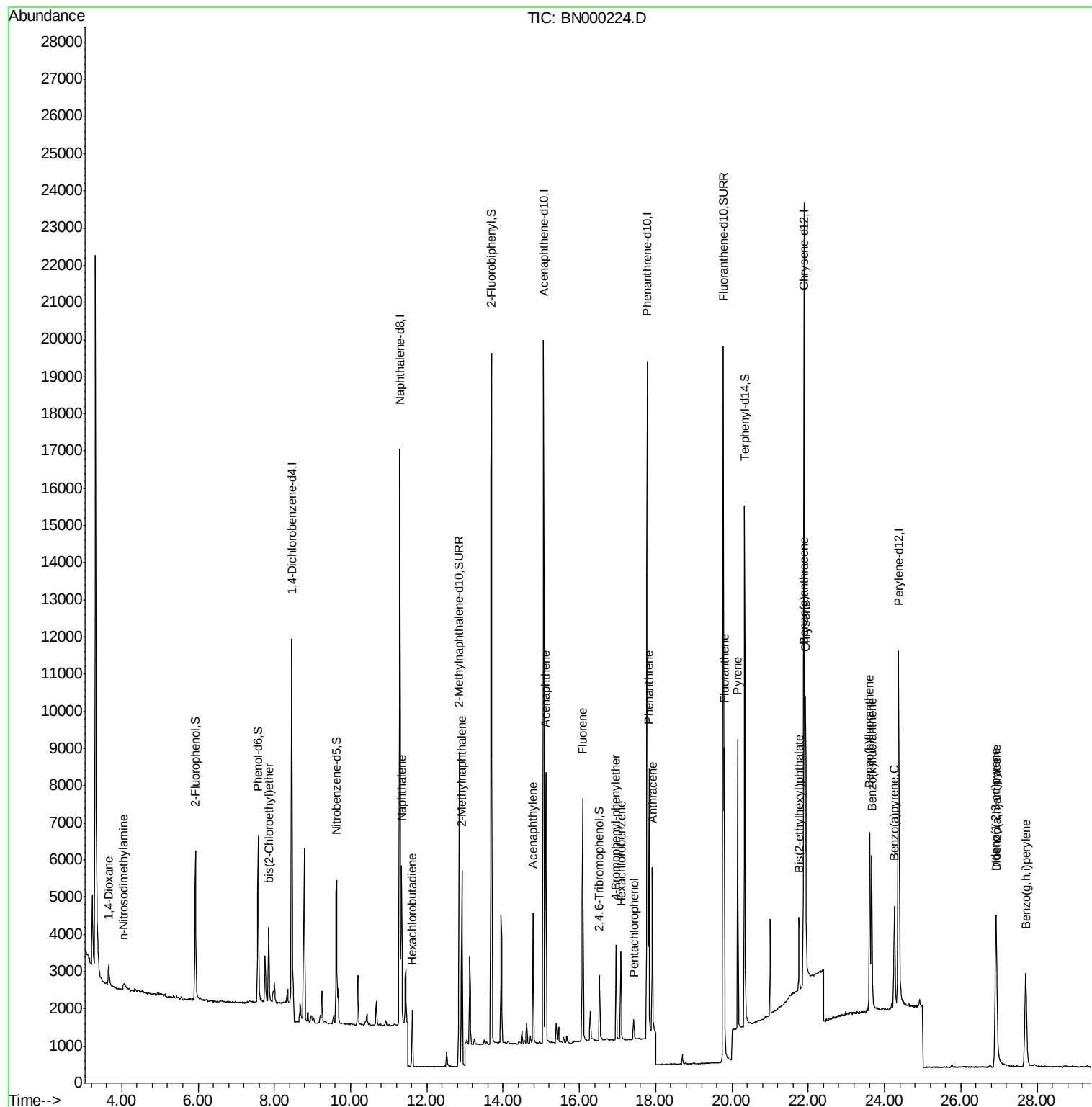
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	613	0.106	ng	96
3) n-Nitrosodimethylamine	4.04	42	157	0.130	ng	# 1
6) bis(2-Chloroethyl)ether	7.85	93	1691	0.088	ng	98
9) Naphthalene	11.34	128	5621	0.094	ng	# 94
10) Hexachlorobutadiene	11.62	225	958	0.095	ng	97
12) 2-Methylnaphthalene	12.92	142	3619	0.093	ng	98
16) Acenaphthylene	14.79	152	3915	0.079	ng	99
17) Acenaphthene	15.12	154	3482	0.090	ng	96
18) Fluorene	16.09	166	4294	0.089	ng	# 79
20) 4-Bromophenyl-phenylether	16.96	248	1200	0.082	ng	# 70
21) Hexachlorobenzene	17.09	284	1717	0.088	ng	96
22) Pentachlorophenol	17.43	266	313	0.146	ng	90
23) Phenanthrene	17.82	178	7662	0.086	ng	97
24) Anthracene	17.91	178	5137	0.076	ng	96
26) Fluoranthene	19.80	202	7547	0.082	ng	# 96
28) Pyrene	20.15	202	7543	0.099	ng	99
30) Benzo(a)anthracene	21.87	228	5309	0.087	ng	98
31) Chrysene	21.93	228	6690	0.094	ng	98
32) Bis(2-ethylhexyl)phthalate	21.76	149	2125	0.094	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.92	276	5433	0.082	ng	# 90
35) Benzo(b)fluoranthene	23.61	252	6366	0.091	ng	# 92
36) Benzo(k)fluoranthene	23.66	252	5779	0.085	ng	# 70
37) Benzo(a)pyrene	24.26	252	4659	0.082	ng	# 66
38) Dibenzo(a,h)anthracene	26.93	278	4239	0.084	ng	# 80
39) Benzo(g,h,i)perylene	27.70	276	5390	0.090	ng	# 81

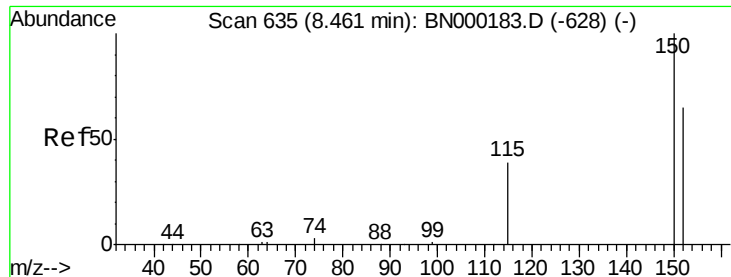
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030118\
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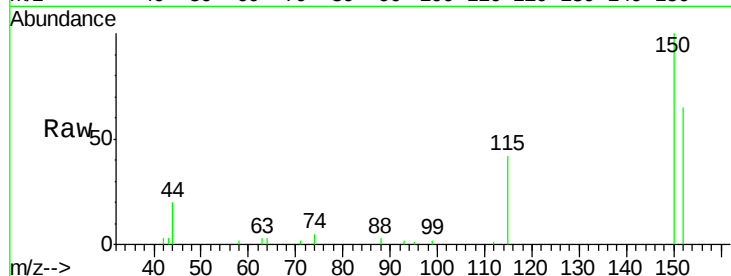


#1

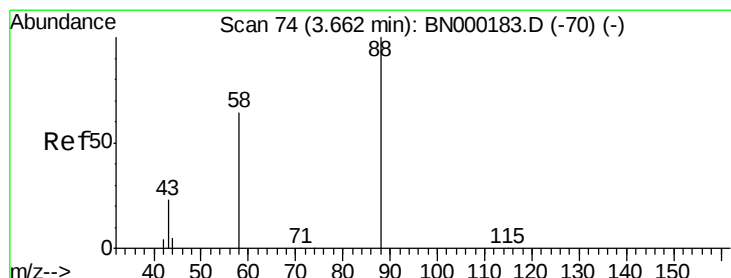
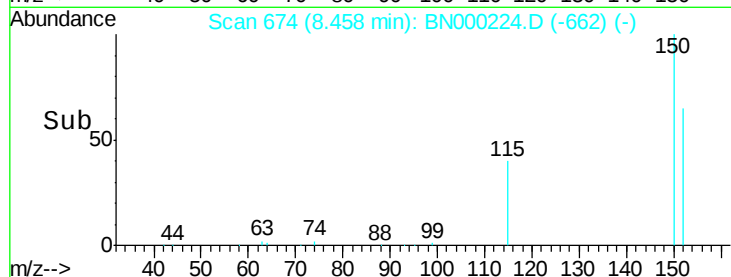
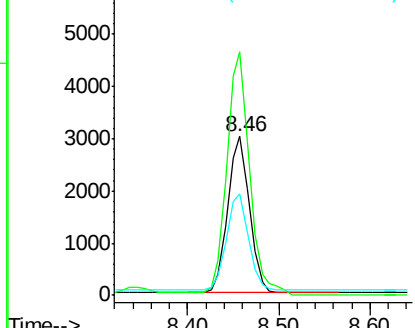
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 674
Delta R.T. -0.00 min
Lab File: BN000224.D
Acq: 01 Mar 2018 19:04

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion:152 Resp: 5608
Ion Ratio Lower Upper
152 100
150 153.2 117.2 175.8
115 63.7 57.0 85.6



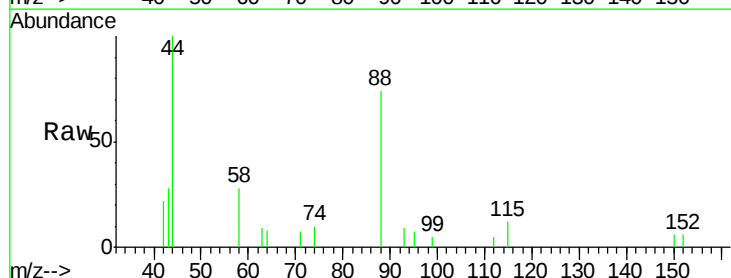
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



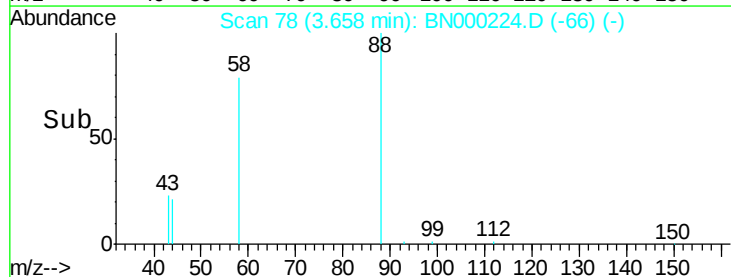
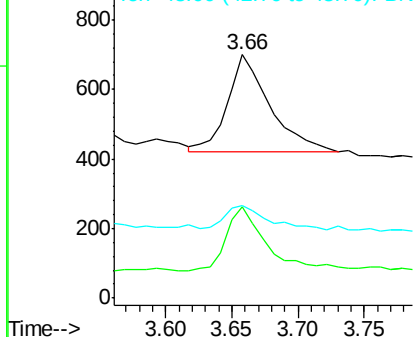
#2

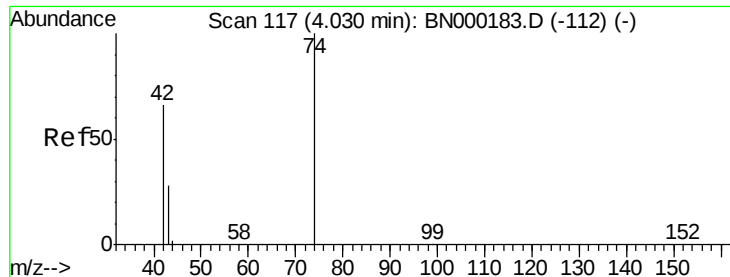
1,4-Dioxane
Concen: 0.106 ng
RT: 3.66 min Scan# 78
Delta R.T. -0.00 min
Lab File: BN000224.D
Acq: 01 Mar 2018 19:04

Tgt Ion: 88 Resp: 613
Ion Ratio Lower Upper
88 100
58 64.4 48.0 72.0
43 25.0 20.0 30.0



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



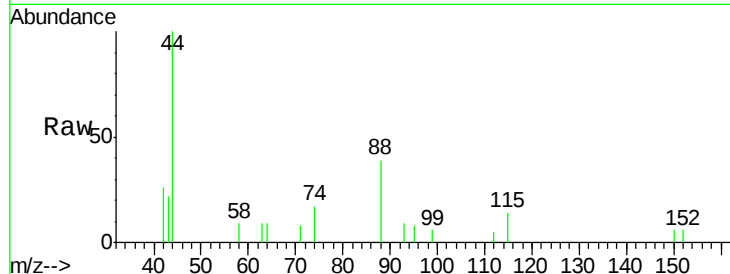


#3

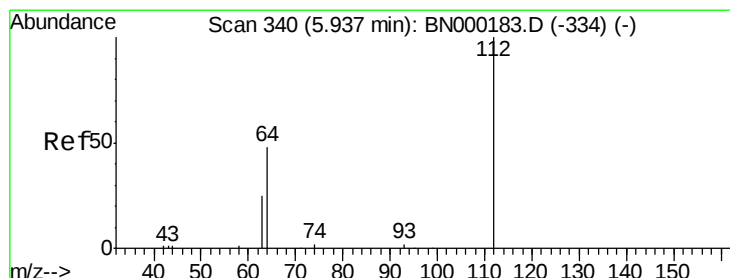
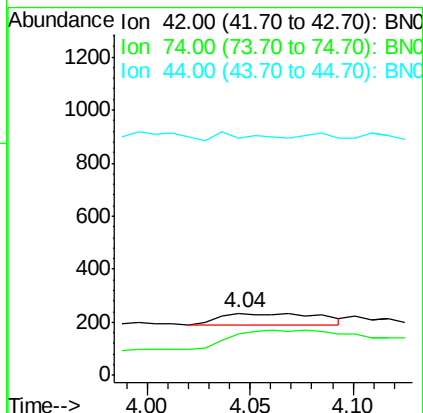
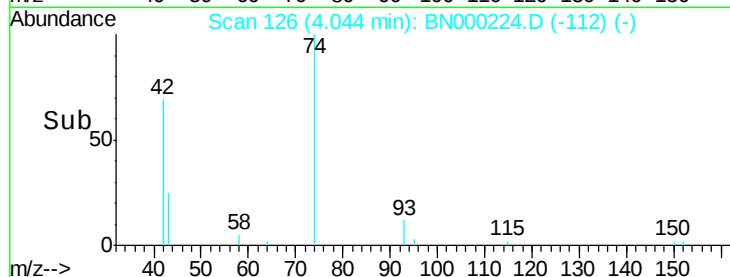
n-Nitrosodimethylamine
 Concen: 0.130 ng
 RT: 4.04 min Scan# 126
 Delta R.T. 0.02 min
 Lab File: BN000224.D
 Acq: 01 Mar 2018 19:04

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion: 42 Resp: 157
 Ion Ratio Lower Upper
 42 100
 74 0.0 120.0 180.0#
 44 27.4 4.0 6.0#



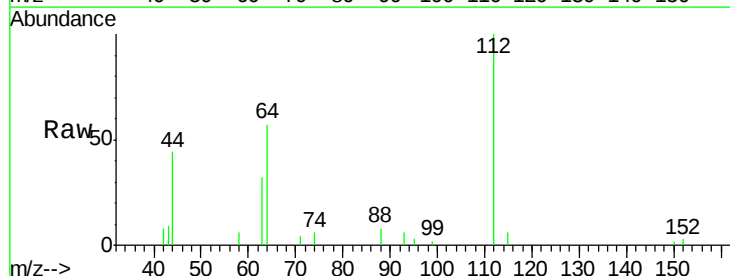
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



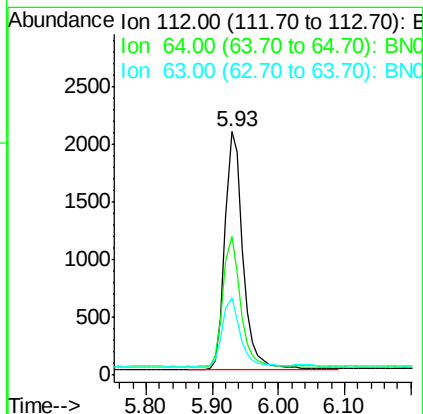
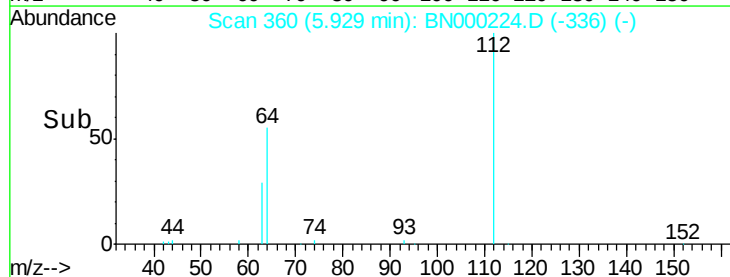
#4

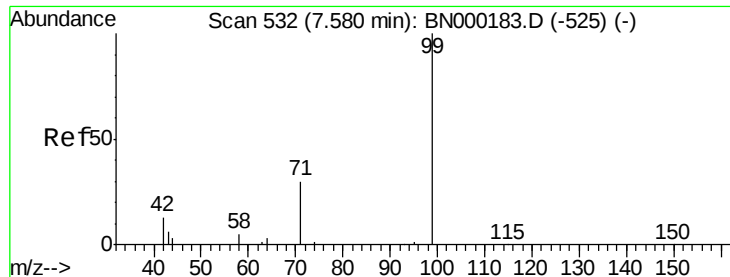
2-Fluorophenol
 Concen: 0.331 ng
 RT: 5.93 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: BN000224.D
 Acq: 01 Mar 2018 19:04

Tgt Ion: 112 Resp: 3922
 Ion Ratio Lower Upper
 112 100
 64 52.5 60.1 90.1#
 63 28.6 116.8 175.2#



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

Phenol-d6

Concen: 0.319 ng

RT: 7.57 min Scan# 564

Delta R.T. -0.01 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

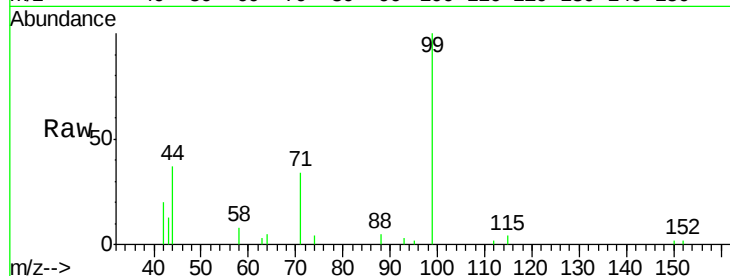
Tot Ion: 99 Resp: 4793

Ion Ratio Lower Upper

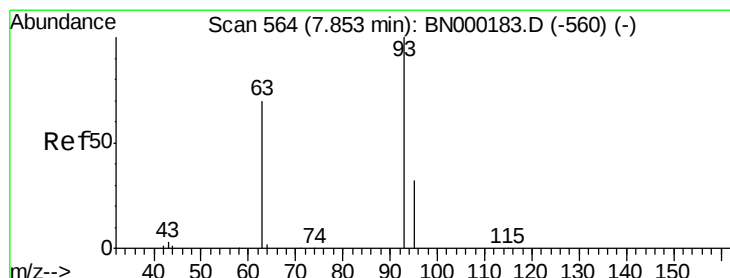
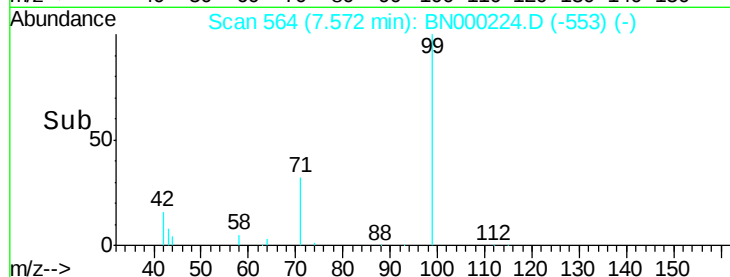
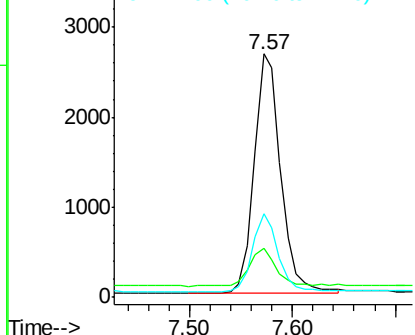
99 100

42 15.3 20.2 30.2#

71 31.5 28.4 42.6



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

bis(2-Chloroethyl)ether

Concen: 0.088 ng

RT: 7.85 min Scan# 599

Delta R.T. 0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

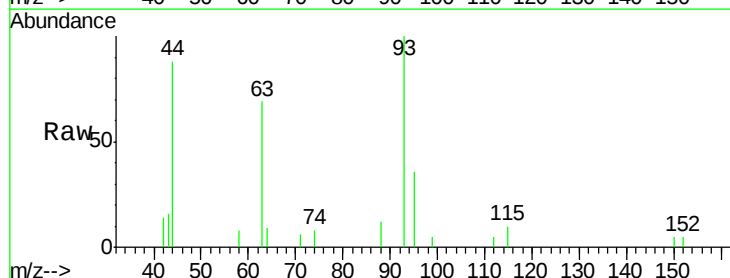
Tgt Ion: 93 Resp: 1691

Ion Ratio Lower Upper

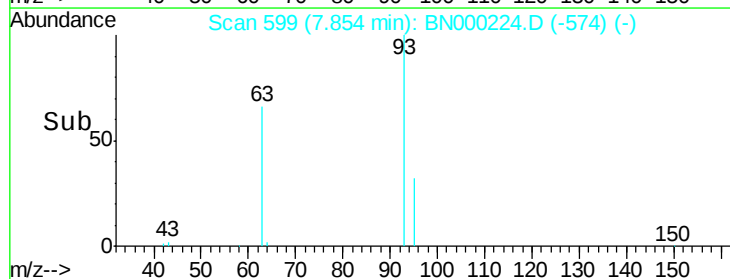
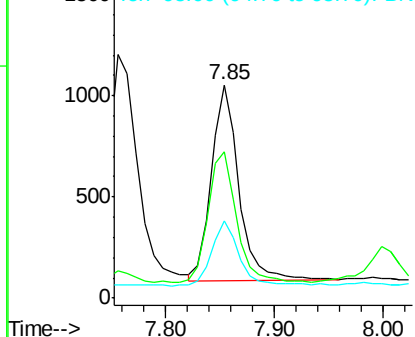
93 100

63 69.2 56.0 84.0

95 33.4 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 900

Delta R.T. 0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:136 Resp: 20366

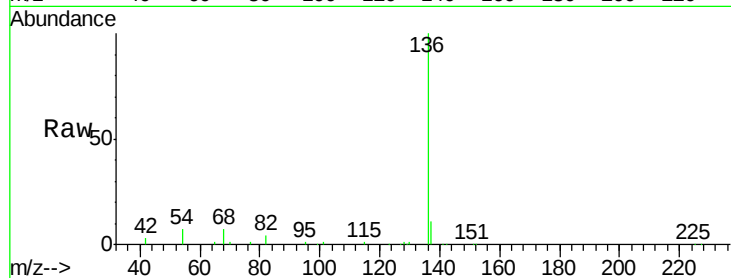
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 7.3 29.1 43.7#

68 6.9 6.2 9.2

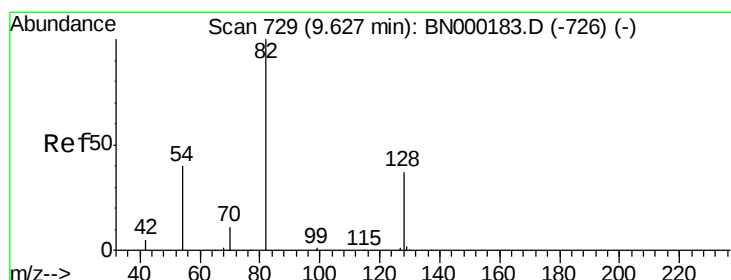
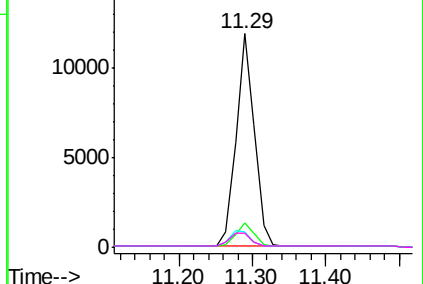
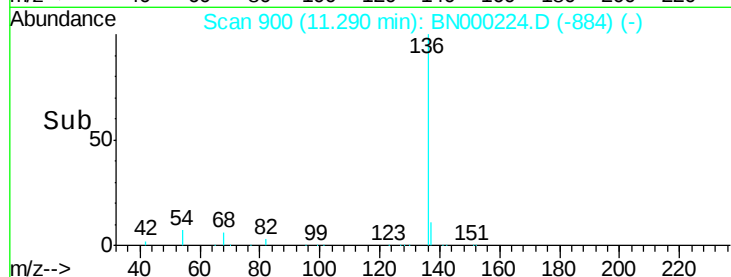


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.63 min Scan# 769

Delta R.T. 0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

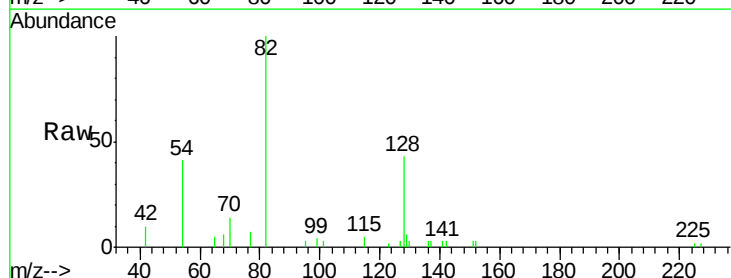
Tgt Ion: 82 Resp: 3796

Ion Ratio Lower Upper

82 100

128 42.6 150.0 225.0#

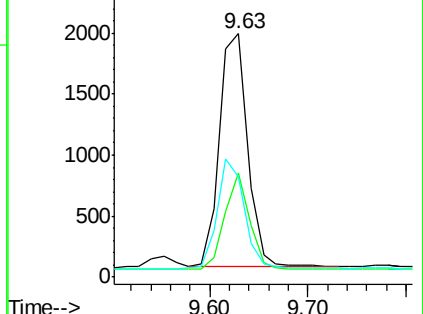
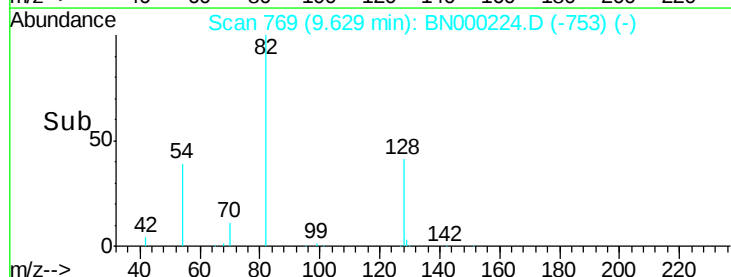
54 41.3 154.2 231.4#

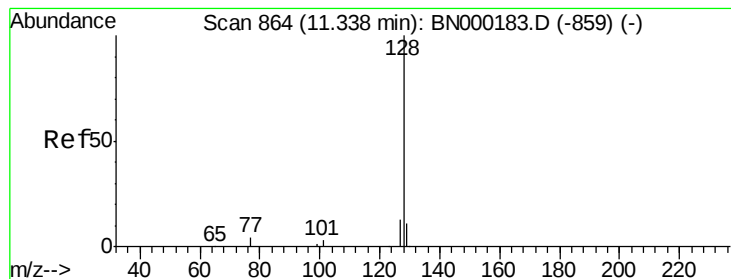


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.094 ng

RT: 11.34 min Scan# 904

Delta R.T. 0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

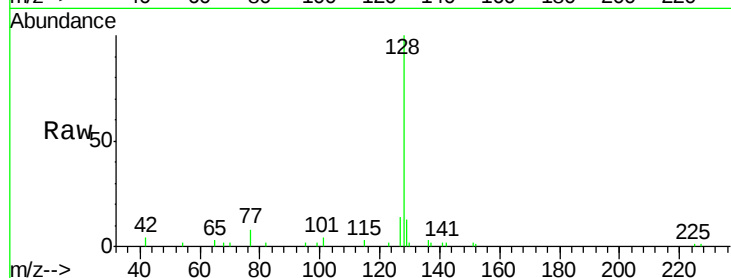
Tot Ion:128 Resp: 5621

Ion Ratio Lower Upper

128 100

129 12.5 8.0 12.0#

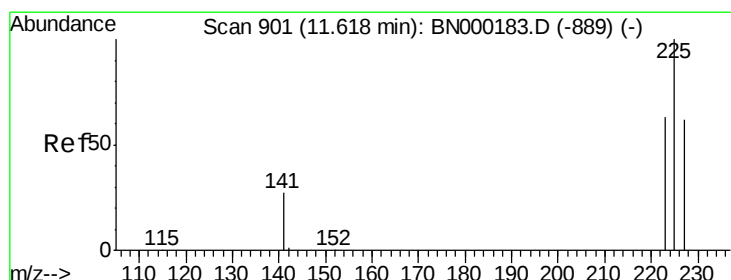
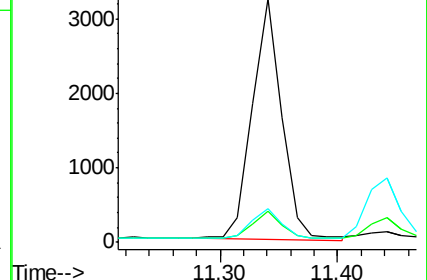
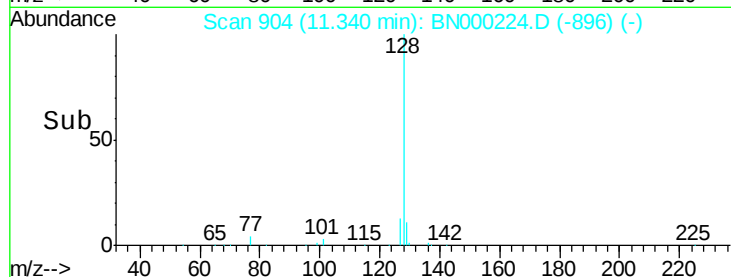
127 13.9 9.6 14.4



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: 0.095 ng

RT: 11.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

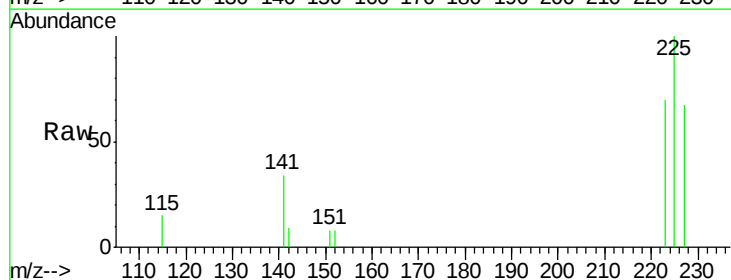
Tgt Ion:225 Resp: 958

Ion Ratio Lower Upper

225 100

223 62.8 53.0 79.6

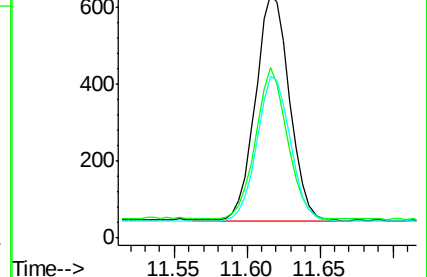
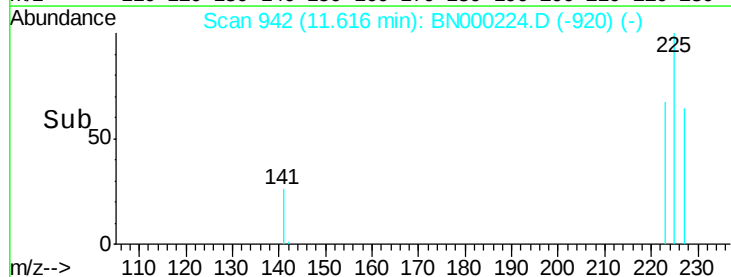
227 63.0 51.4 77.2

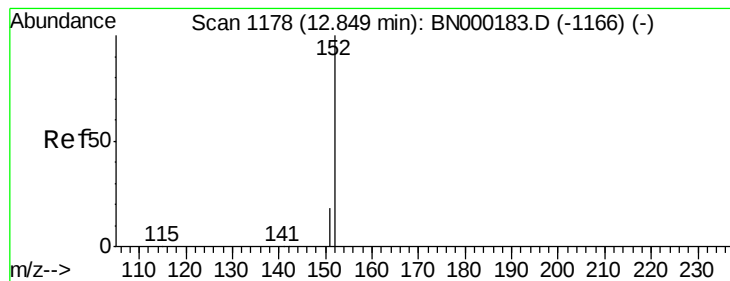


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 12.85 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

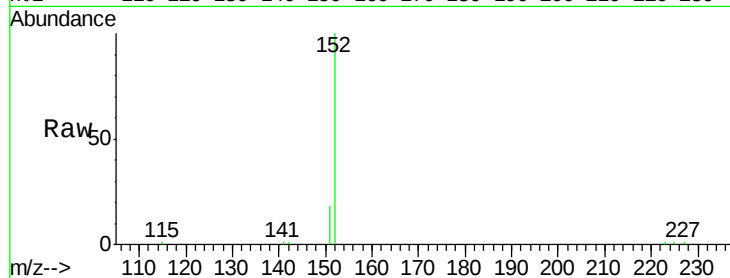
MDL-WATER-03-QT1-2018

Tot Ion:152 Resp: 11189

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.85

8000

6000

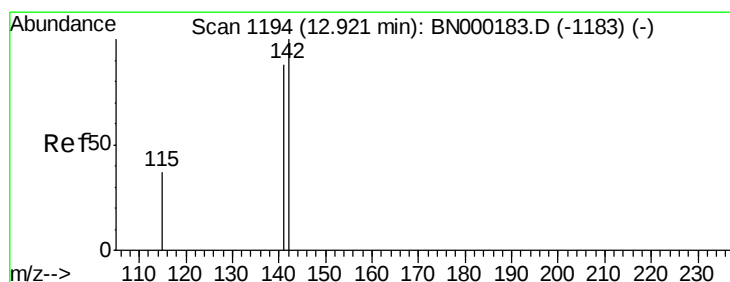
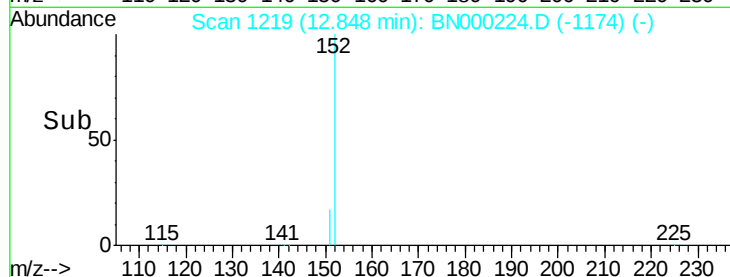
4000

2000

0

Time-->

12.80 12.90 13.00



#12

2-Methylnaphthalene

Concen: 0.093 ng

RT: 12.92 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

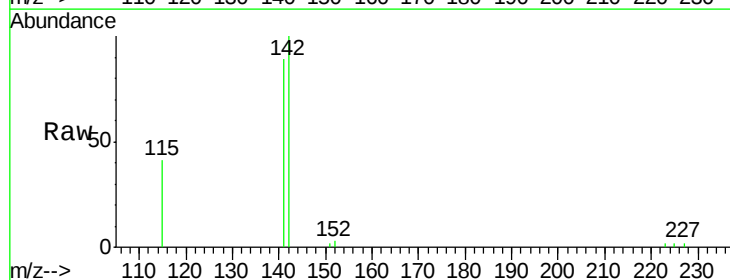
Tgt Ion:142 Resp: 3619

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6

115 41.1 31.7 47.5



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

12.92

3000

2500

2000

1500

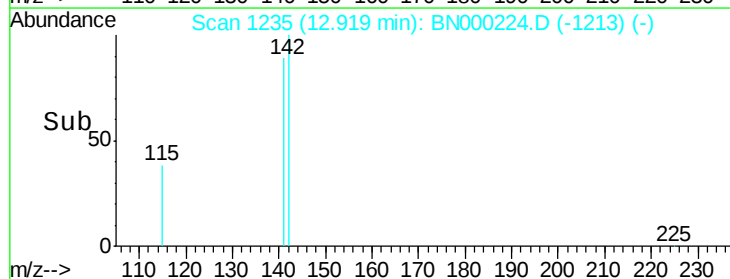
1000

500

0

Time-->

12.85 12.90 12.95 13.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

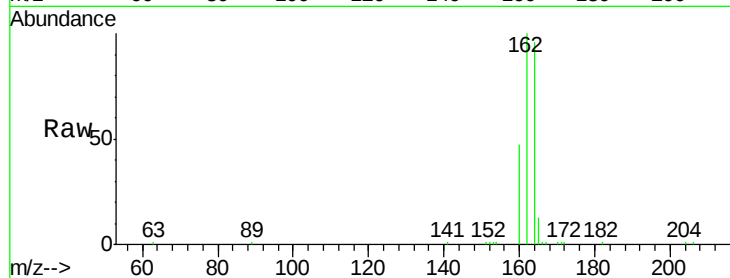
Tot Ion:164 Resp: 10467

Ion Ratio Lower Upper

164 100

162 103.8 83.1 124.7

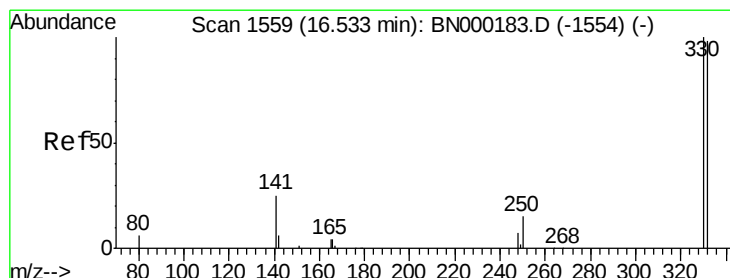
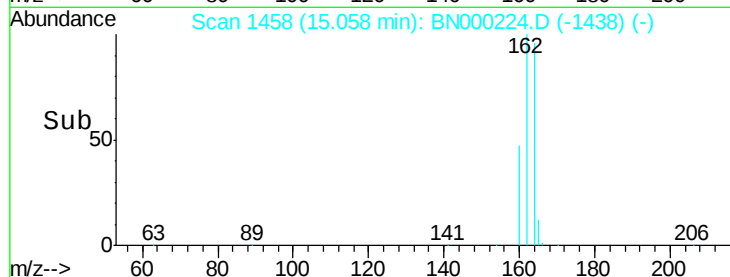
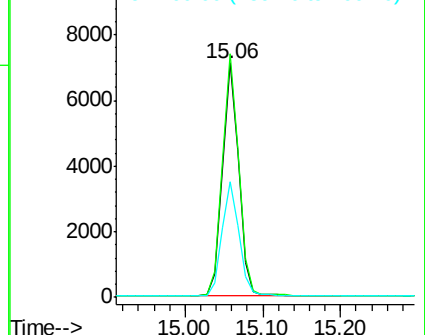
160 49.1 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.312 ng

RT: 16.53 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

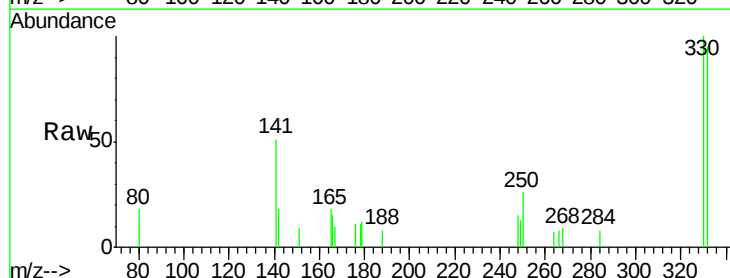
Tgt Ion:330 Resp: 1036

Ion Ratio Lower Upper

330 100

332 98.2 152.7 229.1#

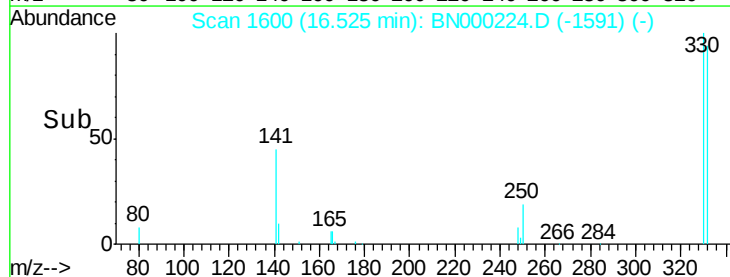
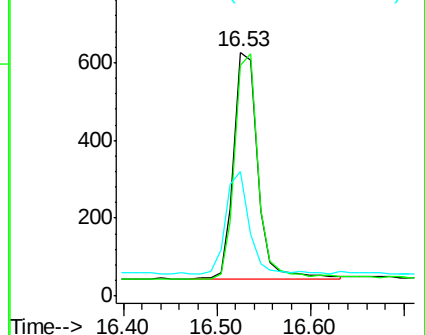
141 43.4 33.7 50.5

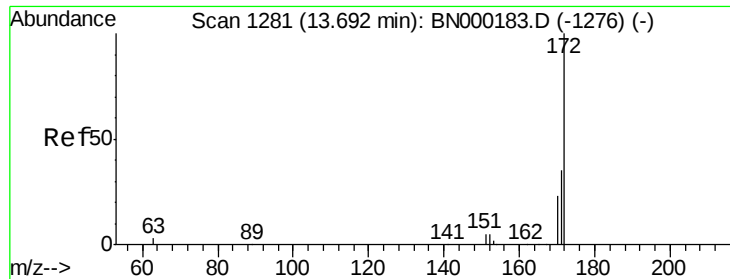


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

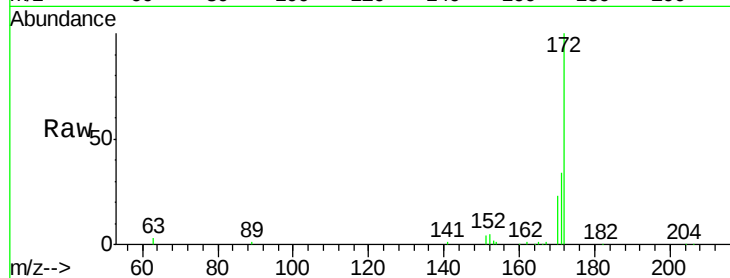




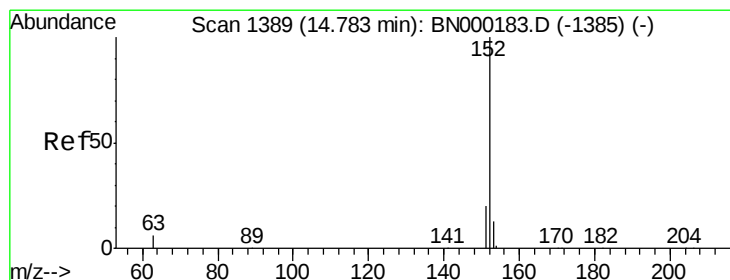
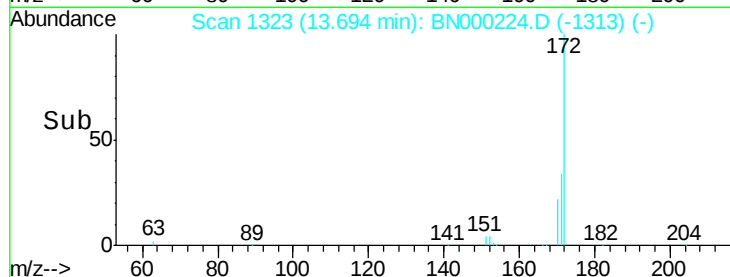
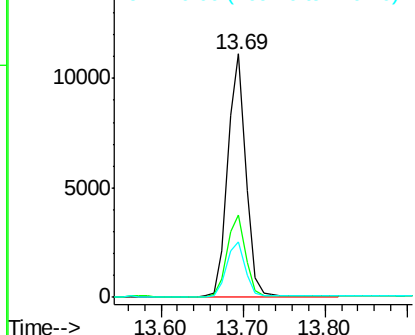
#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.69 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN000224.D
Acq: 01 Mar 2018 19:04

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion:172 Resp: 16836
Ion Ratio Lower Upper
172 100
171 33.9 29.9 44.9
170 22.7 21.8 32.8

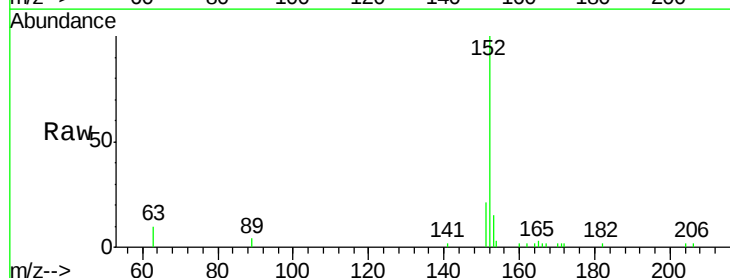


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

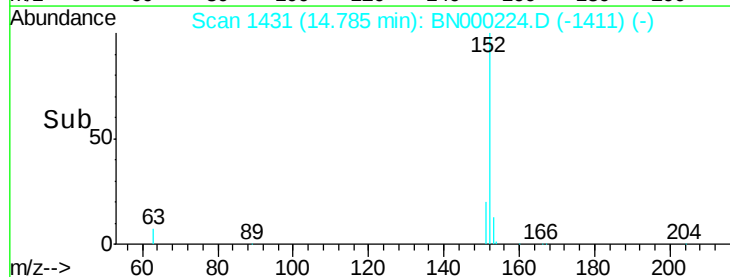
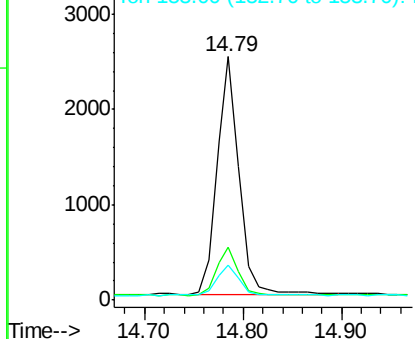


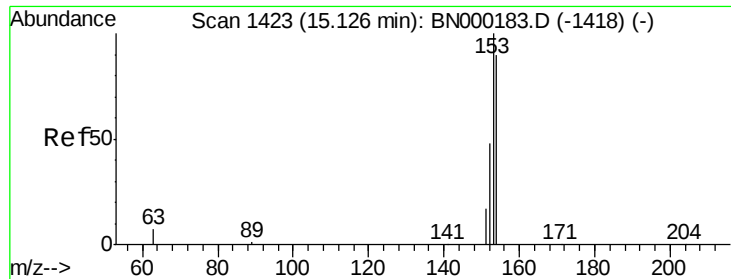
#16
Acenaphthylene
Concen: 0.079 ng
RT: 14.79 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN000224.D
Acq: 01 Mar 2018 19:04

Tgt Ion:152 Resp: 3915
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.6 10.5 15.7



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

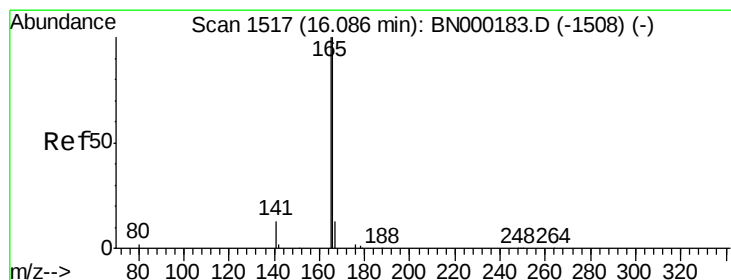
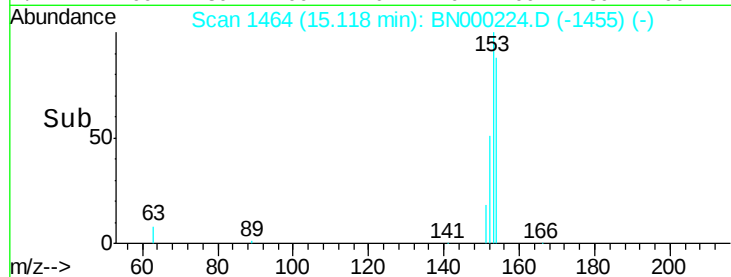
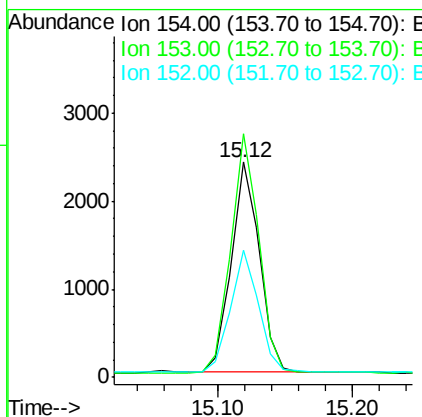
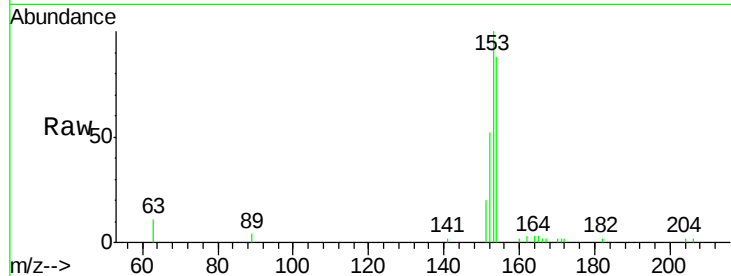




#17
Acenaphthene
Concen: 0.090 ng
RT: 15.12 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BN000224.D
Acq: 01 Mar 2018 19:04

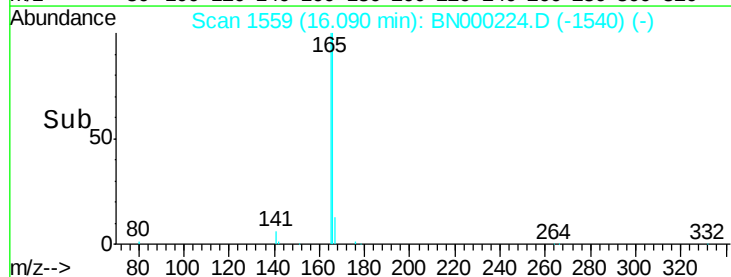
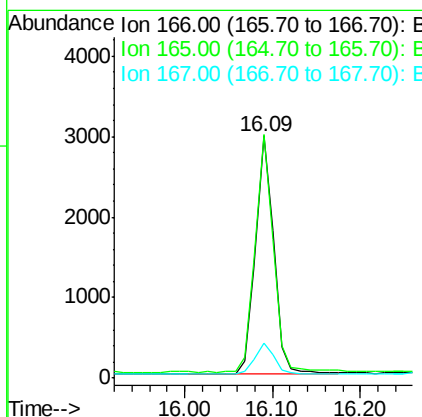
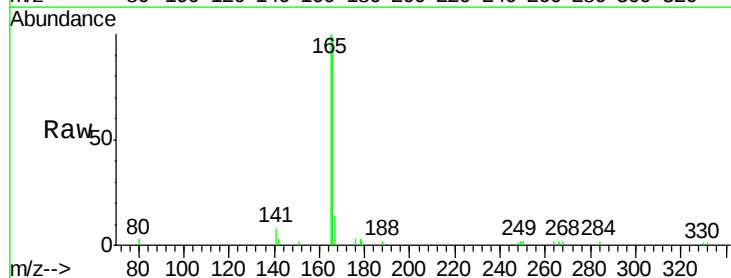
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

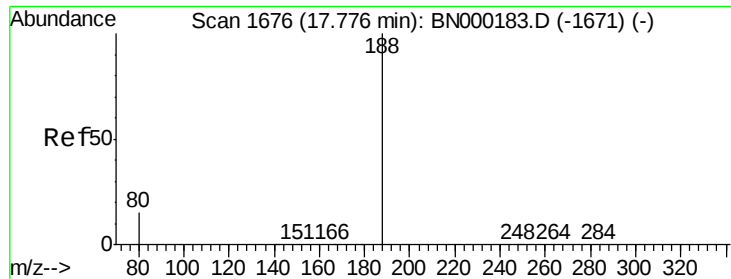
Tot Ion:154 Resp: 3482
Ion Ratio Lower Upper
154 100
153 113.5 89.2 133.8
152 58.0 42.0 63.0



#18
Fluorene
Concen: 0.089 ng
RT: 16.09 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN000224.D
Acq: 01 Mar 2018 19:04

Tgt Ion:166 Resp: 4294
Ion Ratio Lower Upper
166 100
165 99.8 77.8 116.6
167 13.9 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.78 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

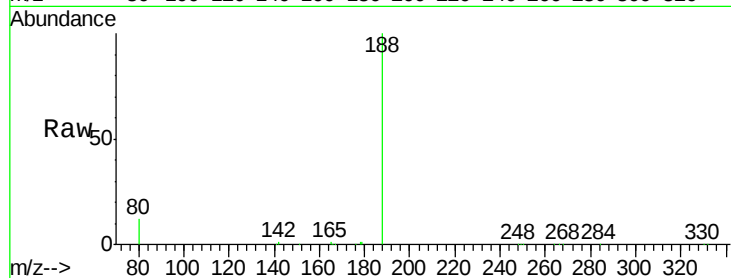
Tot Ion:188 Resp: 25324

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

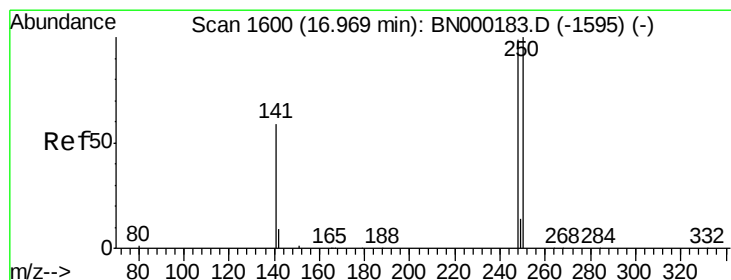
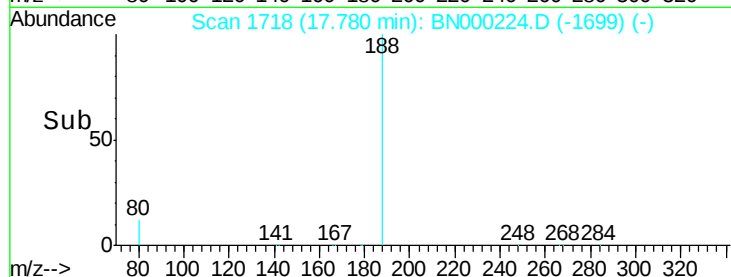
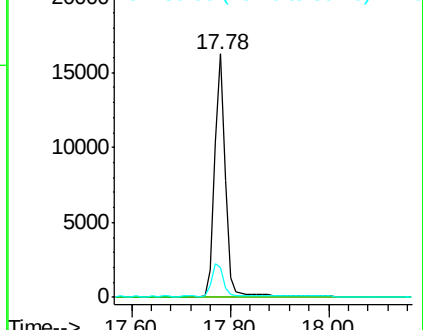
80 12.4 3.6 5.4#



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-Bromophenyl-phenylether

Concen: 0.082 ng

RT: 16.96 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

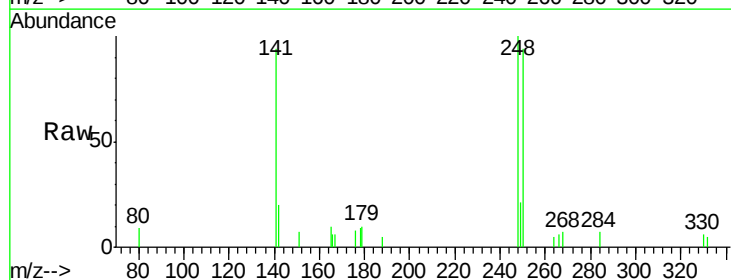
Tgt Ion:248 Resp: 1200

Ion Ratio Lower Upper

248 100

250 94.0 62.7 94.1

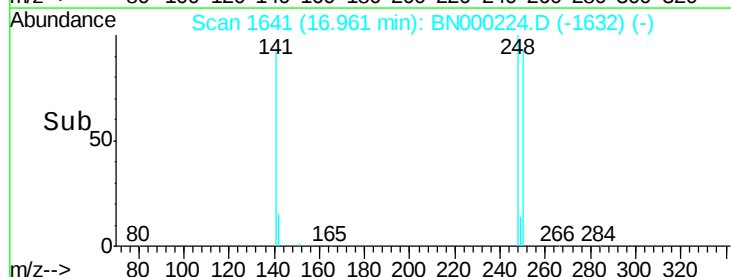
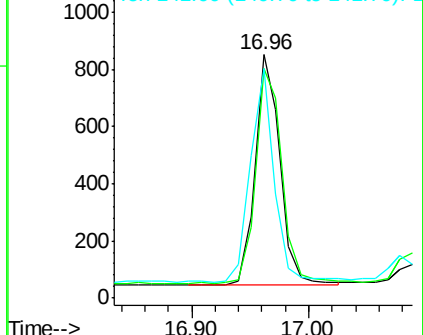
141 94.1 48.2 72.2#

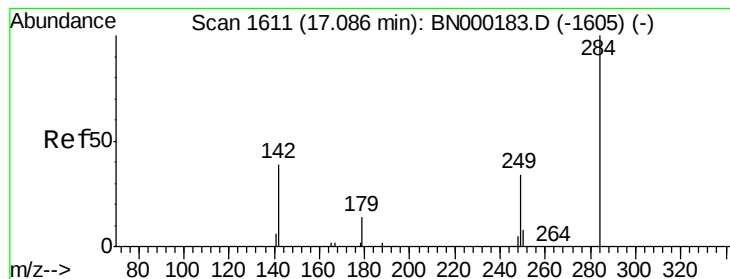


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.088 ng

RT: 17.09 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

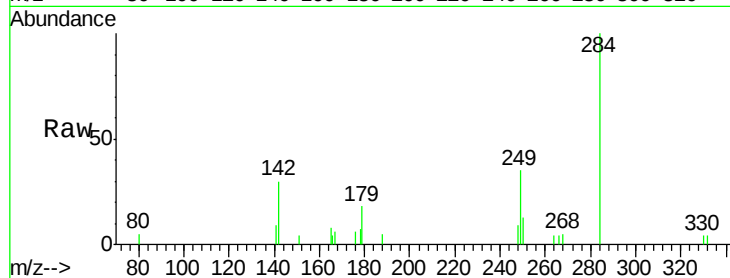
Tot Ion:284 Resp: 1717

Ion Ratio Lower Upper

284 100

142 42.2 32.0 48.0

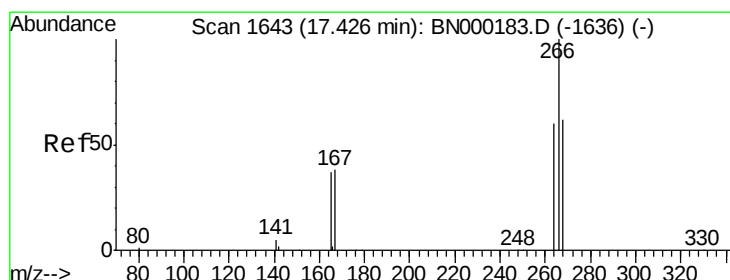
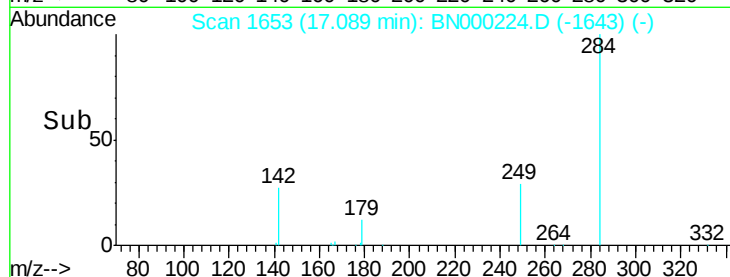
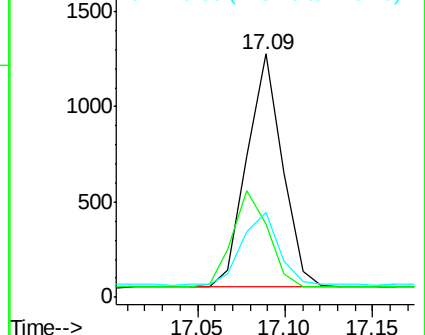
249 32.8 24.0 36.0



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



#22

Pentachlorophenol

Concen: 0.146 ng

RT: 17.43 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

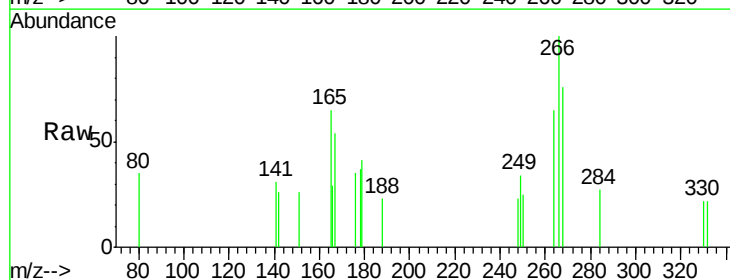
Tgt Ion:266 Resp: 313

Ion Ratio Lower Upper

266 100

264 64.9 48.0 72.0

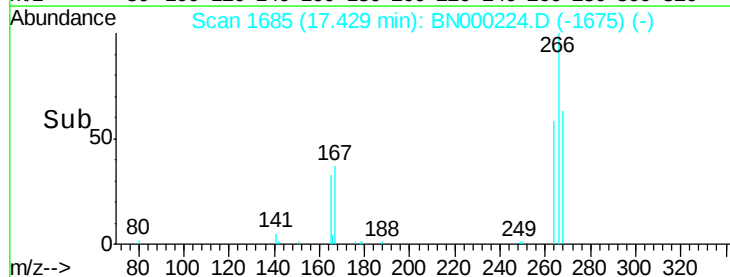
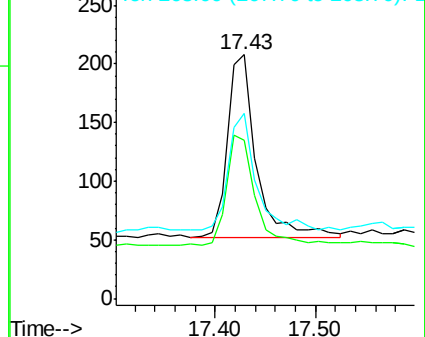
268 76.0 52.0 78.0



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





#23

Phenanthrene

Concen: 0.086 ng

RT: 17.82 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

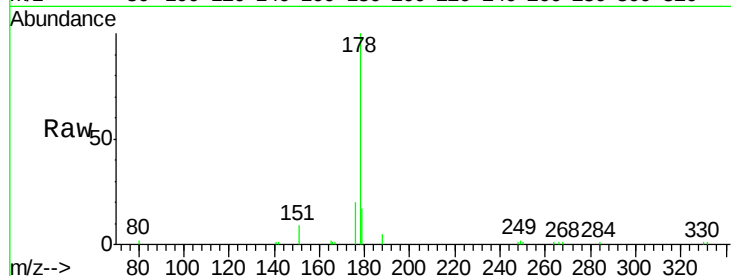
Tot Ion:178 Resp: 7662

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

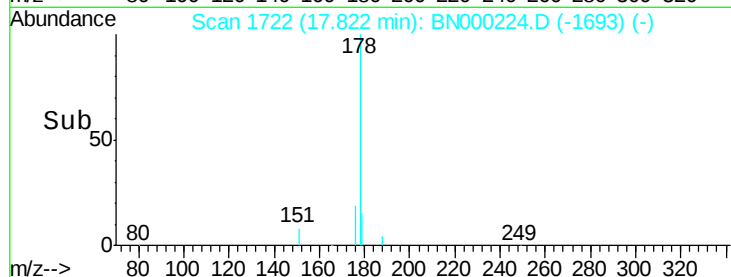
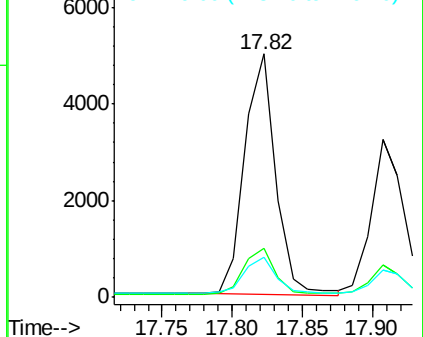
179 15.8 11.8 17.6



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



#24

Anthracene

Concen: 0.076 ng

RT: 17.91 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

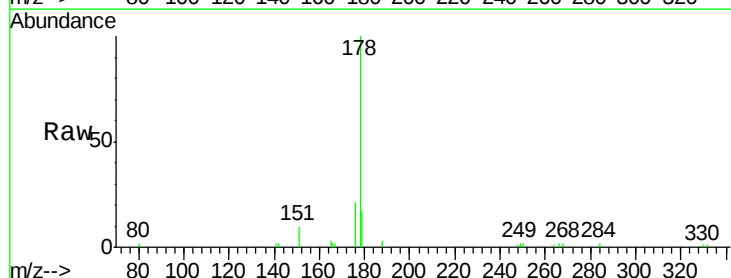
Tgt Ion:178 Resp: 5137

Ion Ratio Lower Upper

178 100

176 18.1 12.8 19.2

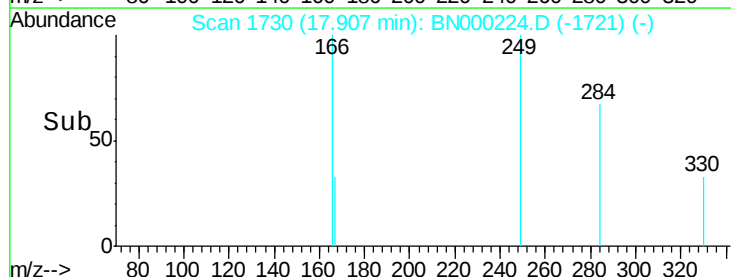
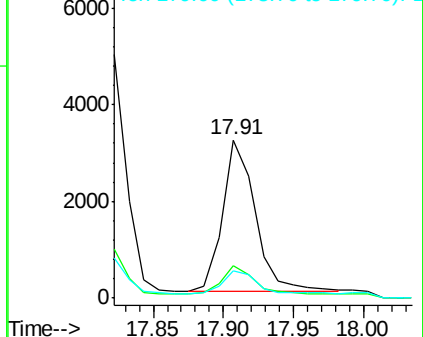
179 15.2 13.0 19.6

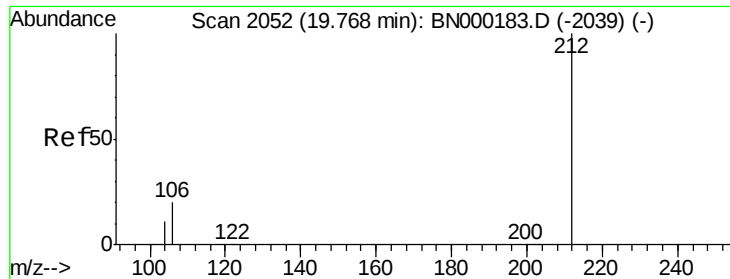


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.322 ng

RT: 19.77 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

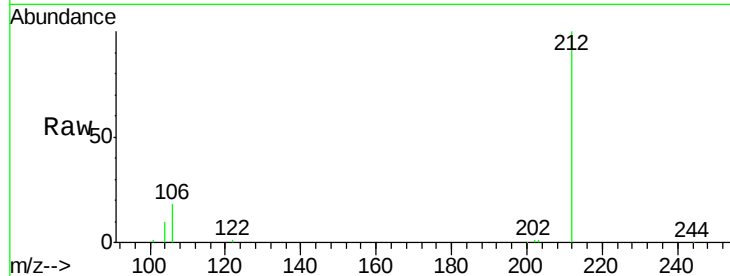
Tot Ion:212 Resp: 21776

Ion Ratio Lower Upper

212 100

106 19.2 2.8 4.2#

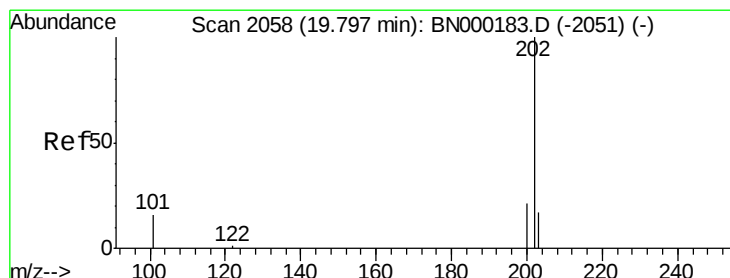
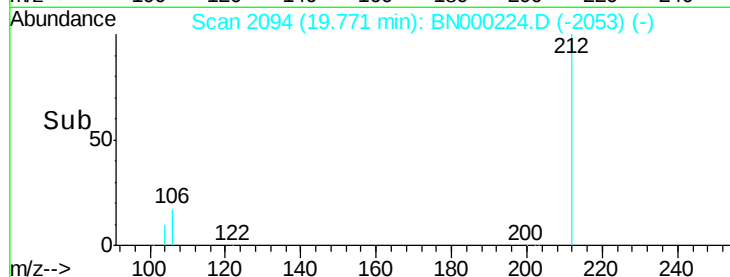
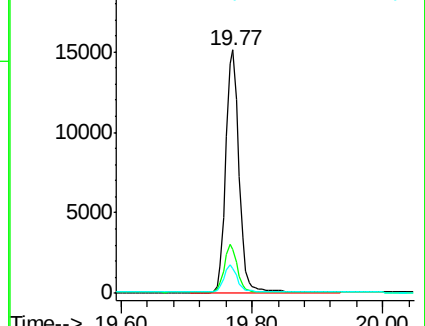
104 10.6 1.6 2.4#



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



#26

Fluoranthene

Concen: 0.082 ng

RT: 19.80 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

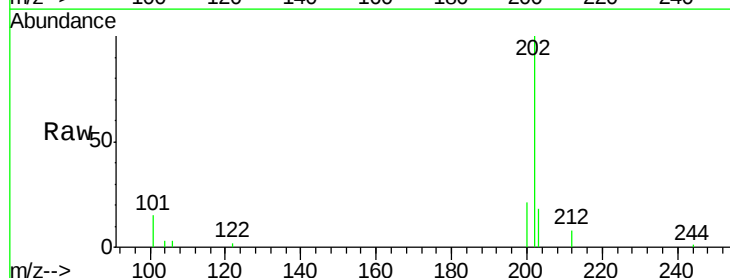
Tgt Ion:202 Resp: 7547

Ion Ratio Lower Upper

202 100

101 16.2 9.8 14.8#

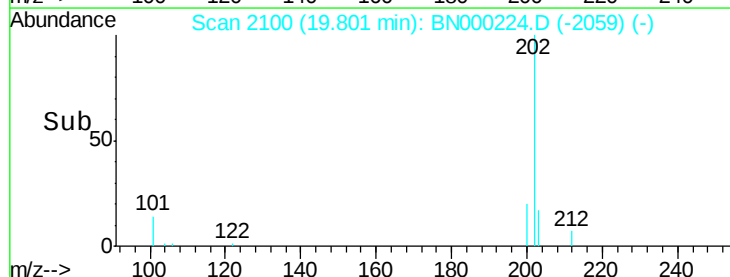
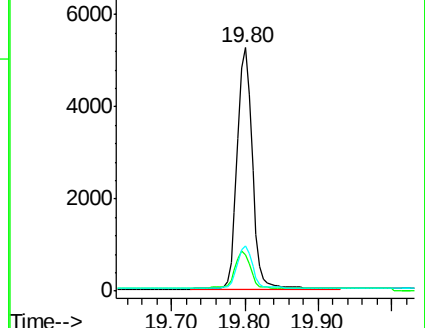
203 16.9 13.7 20.5

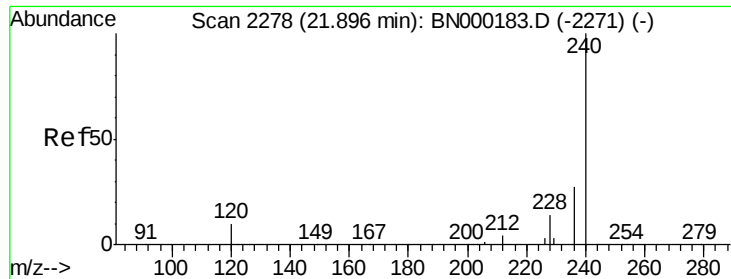


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

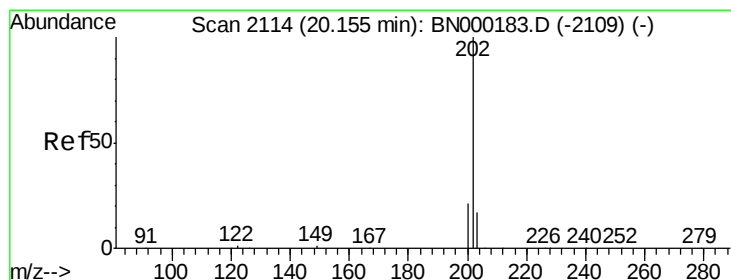
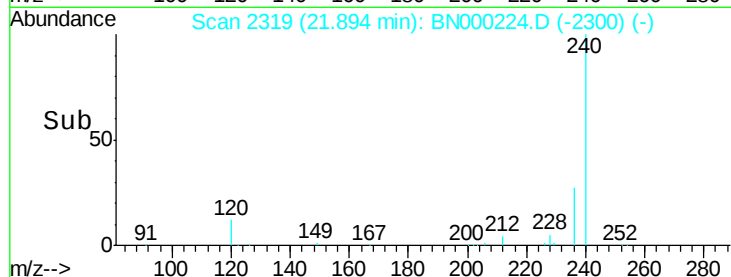
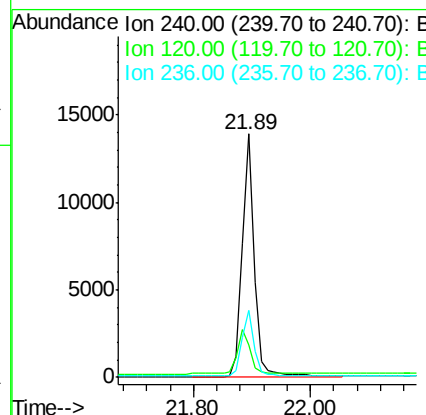
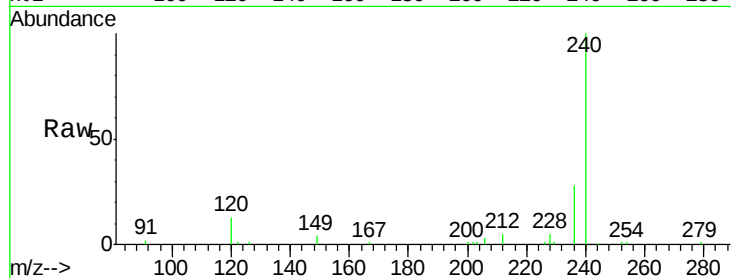




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BN000224.D
Acq: 01 Mar 2018 19:04

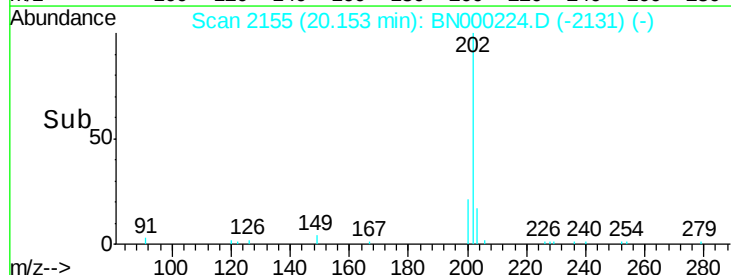
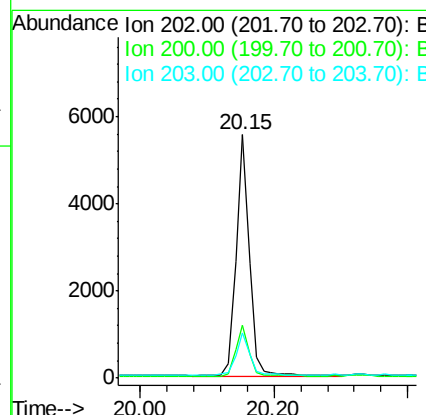
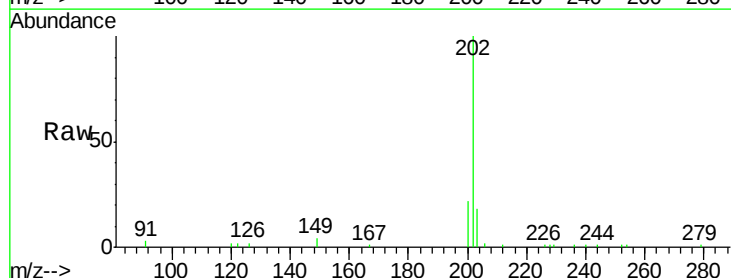
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion:240 Resp: 19369
Ion Ratio Lower Upper
240 100
120 13.2 5.5 8.3#
236 27.5 20.7 31.1



#28
Pyrene
Concen: 0.099 ng
RT: 20.15 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN000224.D
Acq: 01 Mar 2018 19:04

Tgt Ion:202 Resp: 7543
Ion Ratio Lower Upper
202 100
200 21.0 16.6 25.0
203 17.8 13.8 20.8





#29

Terphenyl-d14

Concen: 0.368 ng

RT: 20.33 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

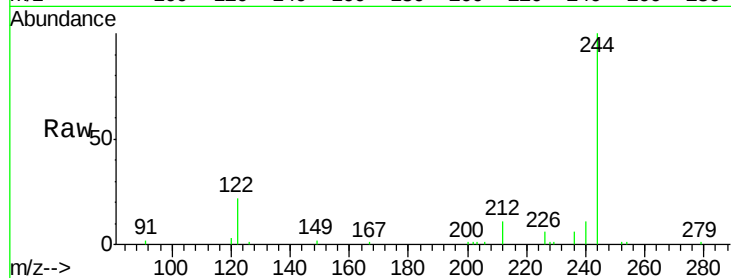
Tot Ion:244 Resp: 12524

Ion Ratio Lower Upper

244 100

212 11.2 25.4 38.0#

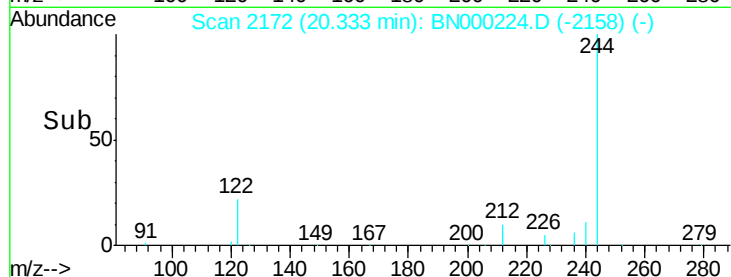
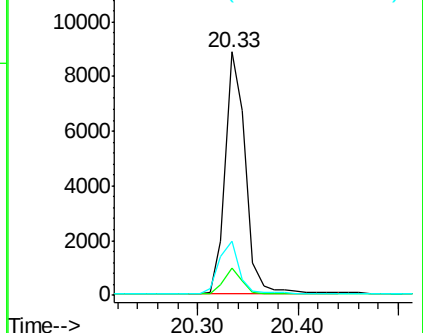
122 22.1 8.1 12.1#



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



#30

Benzo(a)anthracene

Concen: 0.087 ng

RT: 21.87 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

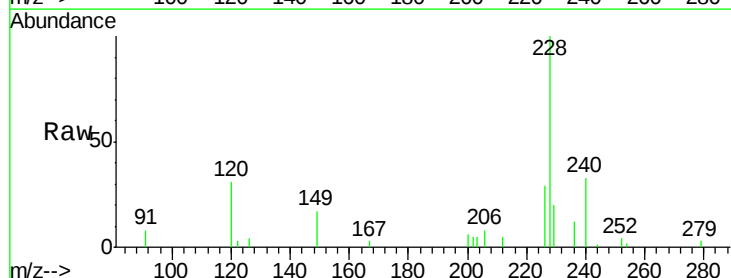
Tgt Ion:228 Resp: 5309

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

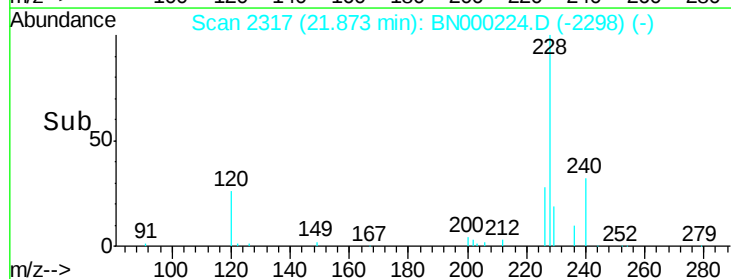
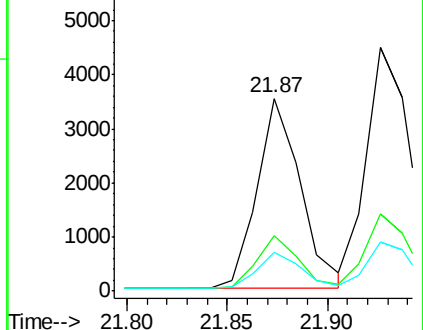
229 19.9 16.0 24.0



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





#31

Chrysene

Concen: 0.094 ng

RT: 21.93 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

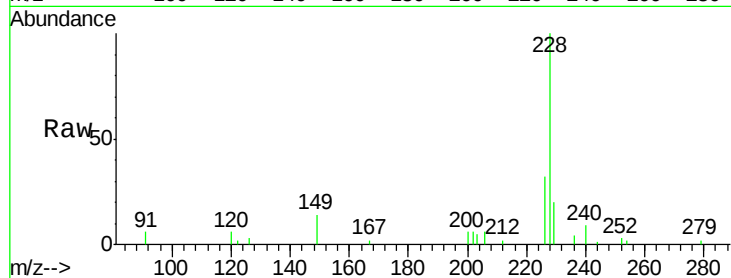
Tot Ion:228 Resp: 6690

Ion Ratio Lower Upper

228 100

226 32.0 24.0 36.0

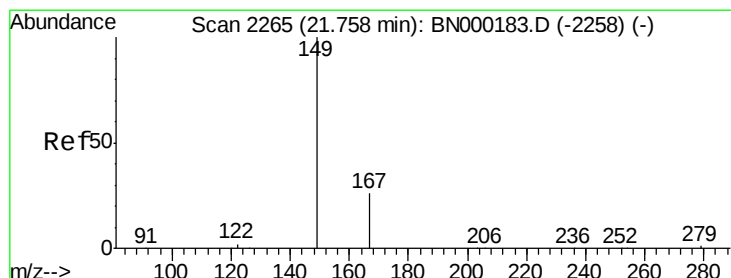
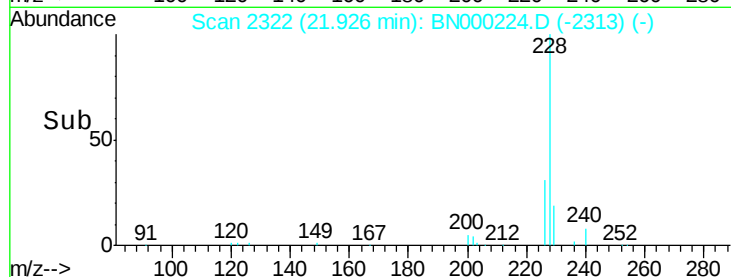
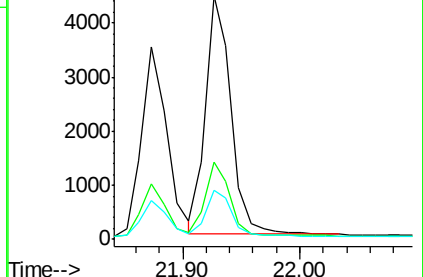
229 20.0 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.094 ng

RT: 21.76 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

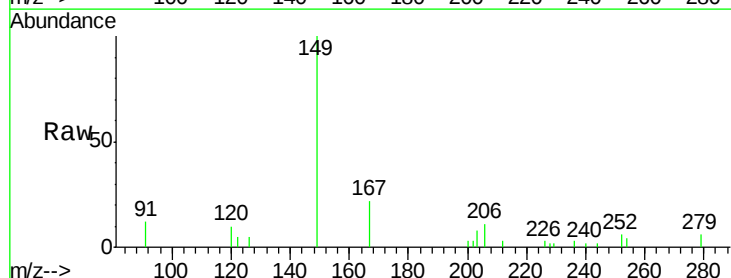
Tgt Ion:149 Resp: 2125

Ion Ratio Lower Upper

149 100

167 25.6 20.0 30.0

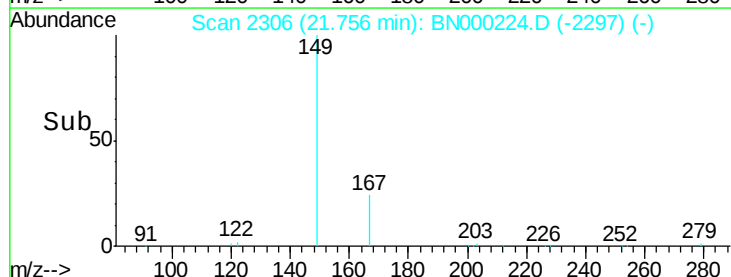
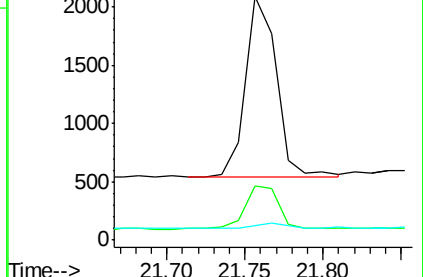
279 3.5 1.6 2.4#



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

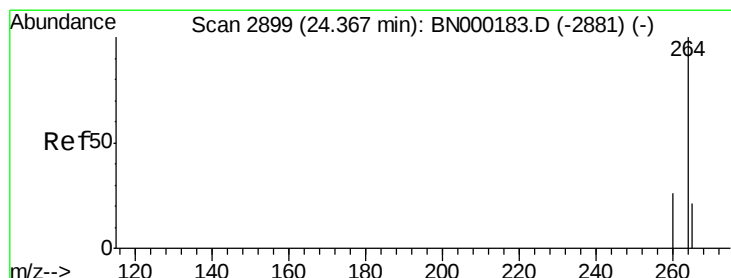
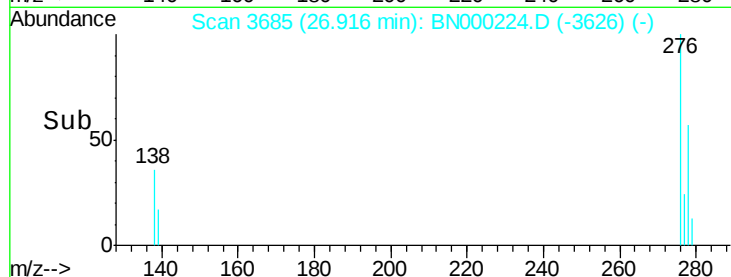
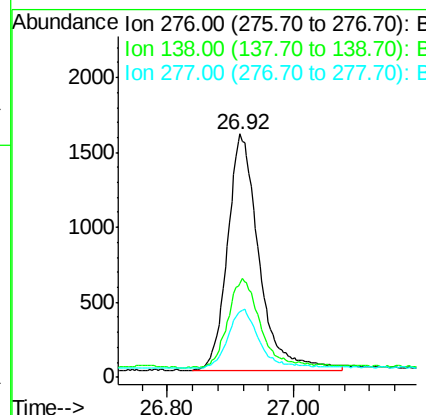
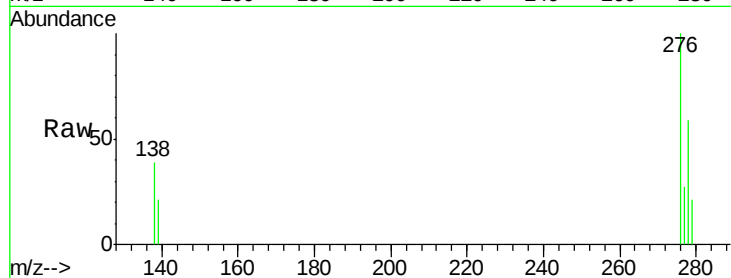




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.082 ng
 RT: 26.92 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: BN000224.D
 Acq: 01 Mar 2018 19:04

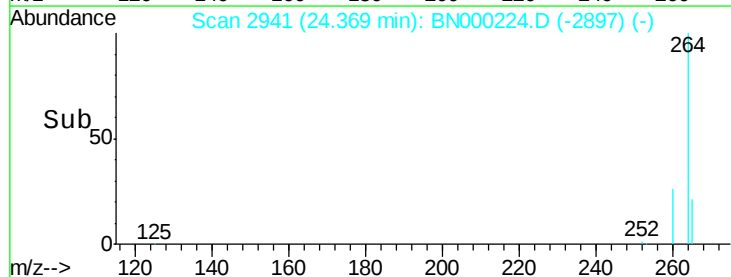
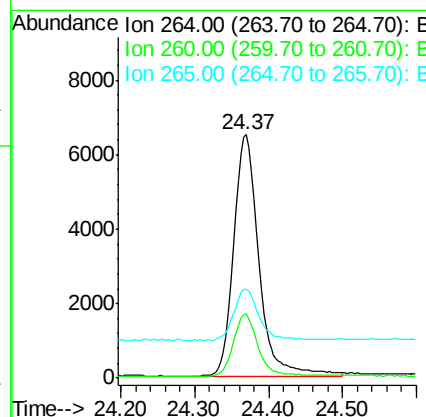
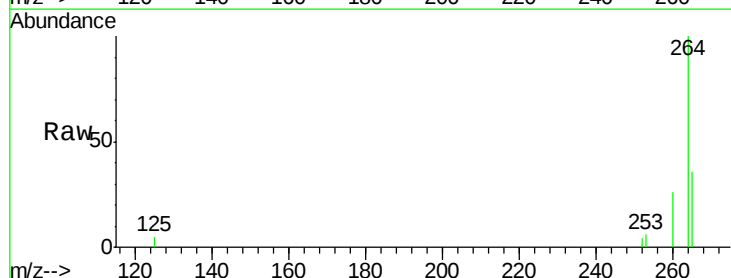
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion:276 Resp: 5433
 Ion Ratio Lower Upper
 276 100
 138 37.8 22.5 33.7#
 277 24.1 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.37 min Scan# 2941
 Delta R.T. 0.00 min
 Lab File: BN000224.D
 Acq: 01 Mar 2018 19:04

Tgt Ion:264 Resp: 15277
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.5 30.7
 265 36.4 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 0.091 ng

RT: 23.61 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

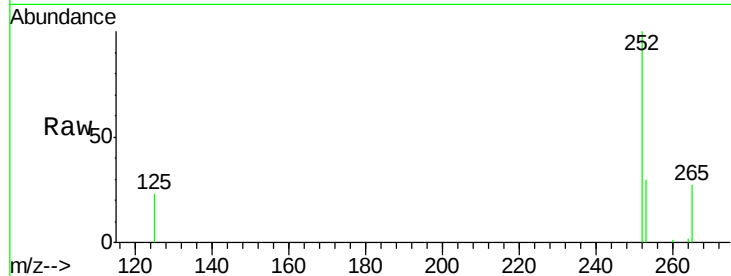
Tot Ion:252 Resp: 6366

Ion Ratio Lower Upper

252 100

253 30.1 20.0 30.0#

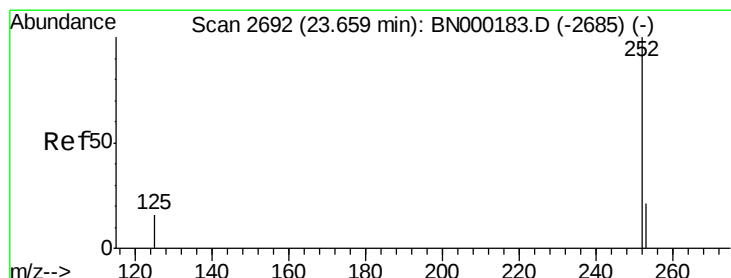
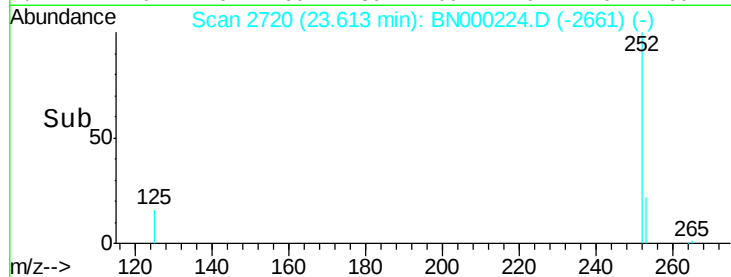
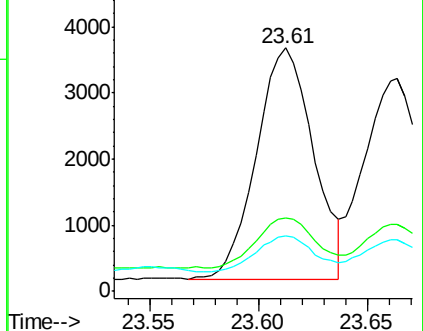
125 22.7 16.0 24.0



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



#36

Benzo(k)fluoranthene

Concen: 0.085 ng

RT: 23.66 min Scan# 2735

Delta R.T. 0.01 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

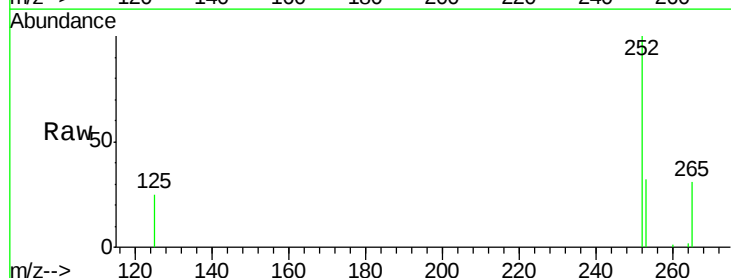
Tgt Ion:252 Resp: 5779

Ion Ratio Lower Upper

252 100

253 31.6 16.0 24.0#

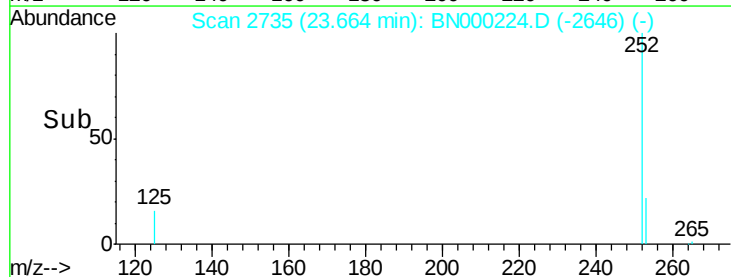
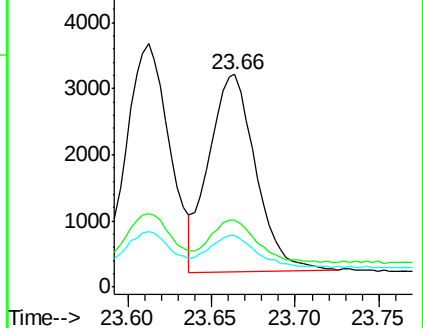
125 24.5 8.0 12.0#



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





#37

Benzo(a)pyrene

Concen: 0.082 ng

RT: 24.26 min Scan# 2908

Delta R.T. -0.00 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

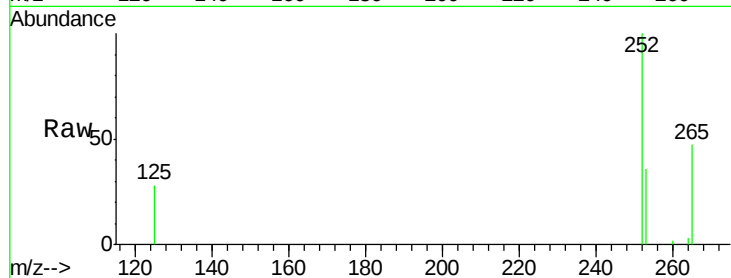
Tot Ion:252 Resp: 4659

Ion Ratio Lower Upper

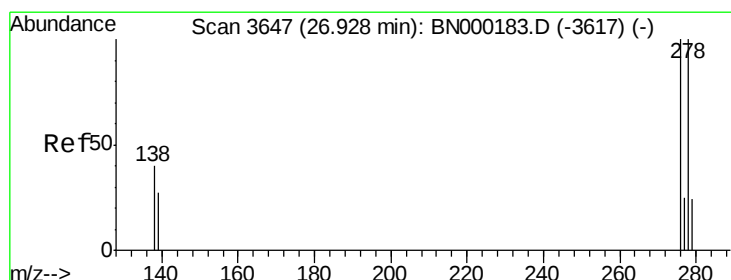
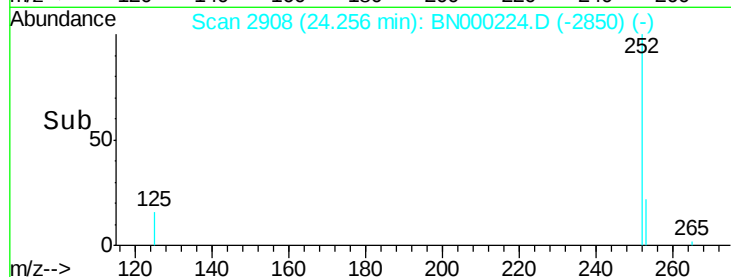
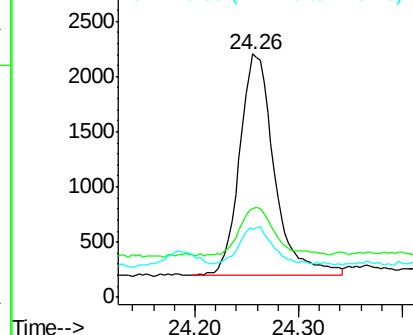
252 100

253 36.4 16.0 24.0#

125 28.0 12.0 18.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.084 ng

RT: 26.93 min Scan# 3690

Delta R.T. 0.01 min

Lab File: BN000224.D

Acq: 01 Mar 2018 19:04

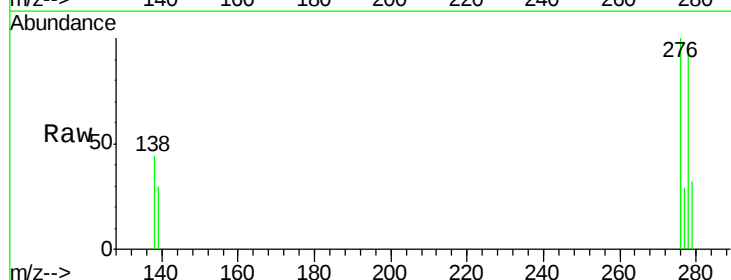
Tgt Ion:278 Resp: 4239

Ion Ratio Lower Upper

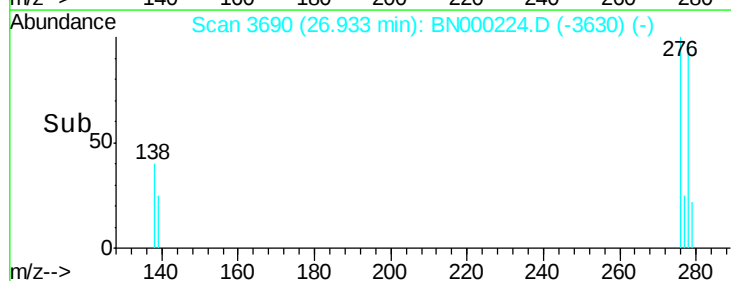
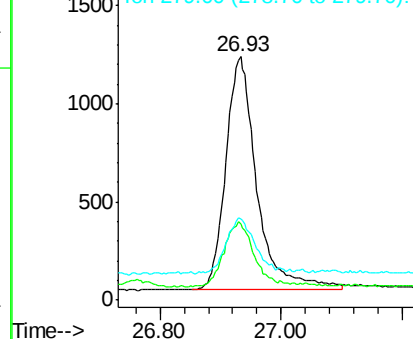
278 100

139 31.0 16.0 24.0#

279 33.1 20.0 30.0#



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





#39

Benzo(a,h,i)perylene

Concen: 0.090 ng

RT: 27.70 min Scan# 3915

Delta R.T. 0.00 min

Lab File: BN000224.D

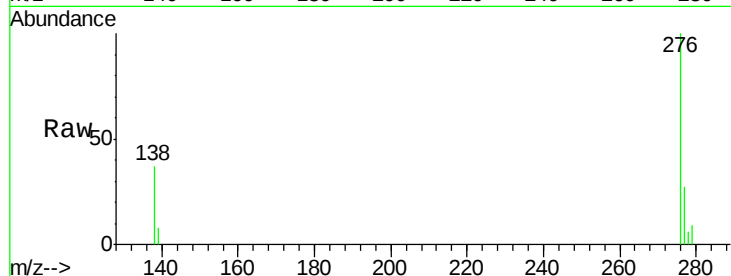
Acq: 01 Mar 2018 19:04

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018



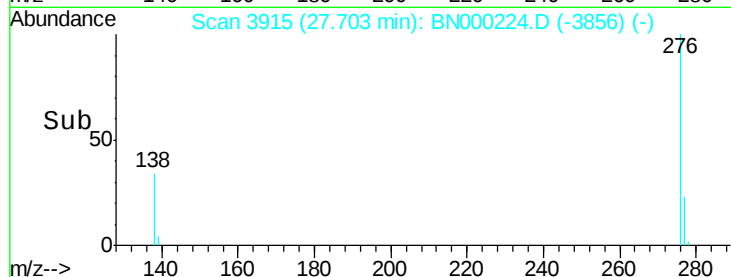
Tot Ion: 276 Resp: 5390

Ion Ratio Lower Upper

276 100

277 26.5 16.0 24.0#

138 36.7 20.0 30.0#



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

