

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000108.D
 Acq On : 15 Feb 2018 21:35
 Operator : JU/SJ
 Sample : J1161-09
 Misc : 5 PPM MDL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 16 06:58:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	399696	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	1999931	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1203877	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2625289	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2774738	20.00	ng	-0.02
86) Perylene-d12	24.39	264	2895917	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.93	112	3249806	132.51	ng	-0.01
7) Phenol-d6	7.58	99	4686209	126.15	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3377199	100.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1590556	133.47	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	8255435	96.65	ng	-0.01
78) Terphenyl-d14	20.35	244	9931130	96.64	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	45146	4.575	ng	95
3) Pyridine	4.12	79	123187	4.010	ng	98
4) n-Nitrosodimethylamine	4.01	42	34078	3.923	ng	94
6) Aniline	7.76	93	206699	4.039	ng	# 89
8) 2-Chlorophenol	8.01	128	128169	4.469	ng	90
9) Benzaldehyde	7.58	77	72691	3.145	ng	96
10) Phenol	7.61	94	170718	4.353	ng	92
11) bis(2-Chloroethyl)ether	7.86	93	141626	4.391	ng	# 84
12) 1,3-Dichlorobenzene	8.35	146	150689	4.624	ng	96
13) 1,4-Dichlorobenzene	8.50	146	152694	4.588	ng	99
14) 1,2-Dichlorobenzene	8.82	146	151582	4.627	ng	92
15) Benzyl Alcohol	8.69	79	99970	3.744	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.99	45	153428	4.494	ng	81
17) 2-Methylphenol	8.89	107	111503	4.001	ng	97
18) Hexachloroethane	9.57	117	50202	4.334	ng	# 79
19) n-Nitroso-di-n-propylamine	9.26	70	93942	3.774	ng	# 82
20) 3+4-Methylphenols	9.22	107	148833	3.819	ng	91
22) Acetophenone	9.29	105	235523	4.203	ng	# 86
24) Nitrobenzene	9.68	77	181591	4.938	ng	# 93
25) Isophorone	10.20	82	257428	3.702	ng	96
26) 2-Nitrophenol	10.40	139	42017	9.563	ng	90
27) 2,4-Dimethylphenol	10.44	122	109734	3.640	ng	94
28) bis(2-Chloroethoxy)methane	10.68	93	186225	4.176	ng	95
29) 2,4-Dichlorophenol	10.93	162	94085	3.373	ng	91
30) 1,2,4-Trichlorobenzene	11.16	180	144342	4.493	ng	98
31) Naphthalene	11.35	128	498558	4.547	ng	98
32) Benzoic acid	10.48	122	31036	11.625	ng	# 78
33) 4-Chloroaniline	11.45	127	179268	3.722	ng	95
34) Hexachlorobutadiene	11.63	225	75095	4.508	ng	97
35) Caprolactam	12.17	113	28045	6.126	ng	94
36) 4-Chloro-3-methylphenol	12.53	107	118195	3.337	ng	97
37) 2-Methylnaphthalene	12.93	142	335652	4.400	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	158073	4.448	ng	# 96
40) Hexachlorocyclopentadiene	13.26	237	51705	3.491	ng	94

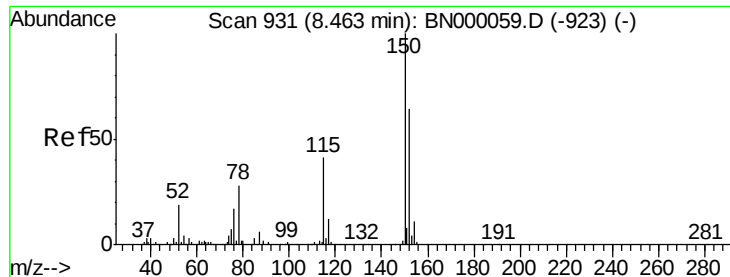
Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000108.D
 Acq On : 15 Feb 2018 21:35
 Operator : JU/SJ
 Sample : J1161-09
 Misc : 5 PPM MDL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 16 06:58:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	66560	3.125	nq	99
43) 2,4,5-Trichlorophenol	13.58	196	79802	3.117	nq	# 90
45) 1,1'-Biphenyl	13.91	154	502453	4.739	nq	98
46) 2-Chloronaphthalene	13.96	162	352401	4.430	nq	97
47) 2-Nitroaniline	14.15	65	57507	7.092	nq	86
48) Acenaphthylene	14.80	152	528904	4.126	nq	96
49) Dimethylphthalate	14.50	163	419064	4.164	nq	# 99
50) 2,6-Dinitrotoluene	14.63	165	62659	3.016	nq	93
51) Acenaphthene	15.13	154	363635	4.358	nq	97
52) 3-Nitroaniline	14.96	138	75842	3.003	nq	# 95
53) 2,4-Dinitrophenol	15.16	184	14015	10.910	nq	# 13
54) Dibenzofuran	15.46	168	537821	4.552	nq	96
55) 4-Nitrophenol	15.23	139	45175	7.024	nq	87
56) 2,4-Dinitrotoluene	15.40	165	75973	6.515	nq	96
57) Fluorene	16.10	166	437881	4.538	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.67	232	69196	3.425	nq	# 87
59) Diethylphthalate	15.85	149	411454	4.023	nq	96
60) 4-Chlorophenyl-phenylether	16.09	204	200882	4.569	nq	91
61) 4-Nitroaniline	16.10	138	77650	2.992	nq	87
62) Azobenzene	16.38	77	410102	4.028	nq	91
64) 4,6-Dinitro-2-methylphenol	16.16	198	25256	10.370	nq	88
65) n-Nitrosodiphenylamine	16.30	169	353177	4.134	nq	99
66) 4-Bromophenyl-phenylether	16.97	248	105564	4.228	nq	# 81
67) Hexachlorobenzene	17.09	284	127057	4.358	nq	# 84
68) Atrazine	17.22	200	87543	3.149	nq	96
69) Pentachlorophenol	17.43	266	48393	8.066	nq	99
70) Phenanthrene	17.83	178	717476	4.627	nq	99
71) Anthracene	17.92	178	632233	4.211	nq	99
72) Carbazole	18.18	167	629495	4.161	nq	96
73) Di-n-butylphthalate	18.71	149	544509	3.261	nq	# 98
74) Fluoranthene	19.80	202	694212	4.267	nq	94
76) Benzidine	19.97	184	143668m	1.624	nq	
77) Pyrene	20.16	202	781538	4.432	nq	99
79) Butylbenzylphthalate	21.02	149	197000	7.467	nq	98
80) Benzo(a)anthracene	21.89	228	762557	4.471	nq	97
81) 3,3'-Dichlorobenzidine	21.81	252	203393	3.247	nq	# 98
82) Chrysene	21.95	228	788603	4.640	nq	98
83) Bis(2-ethylhexyl)phthalate	21.78	149	316550	5.299	nq	# 92
84) Di-n-octyl phthalate	22.74	149	429822	8.288	nq	97
85) Indeno(1,2,3-cd)pyrene	26.93	276	827995	3.966	nq	# 86
87) Benzo(b)fluoranthene	23.63	252	730604	4.310	nq	# 95
88) Benzo(k)fluoranthene	23.67	252	745108	4.364	nq	# 94
89) Benzo(a)pyrene	24.27	252	678185	4.172	nq	# 93
90) Dibenzo(a,h)anthracene	26.95	278	701487	4.127	nq	# 91
91) Benzo(g,h,i)perylene	27.72	276	680390	3.958	nq	# 90

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

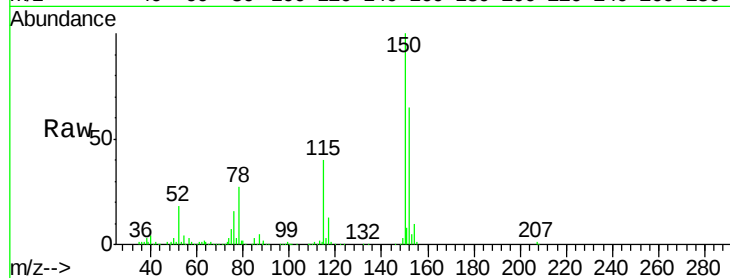


#1

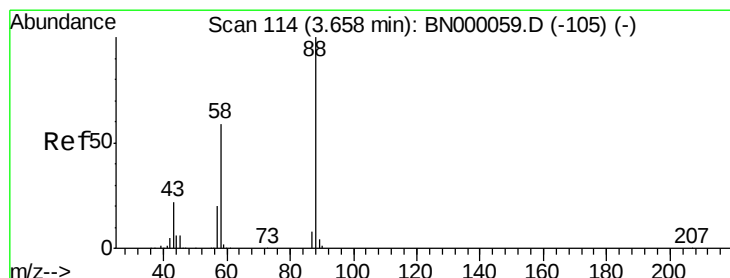
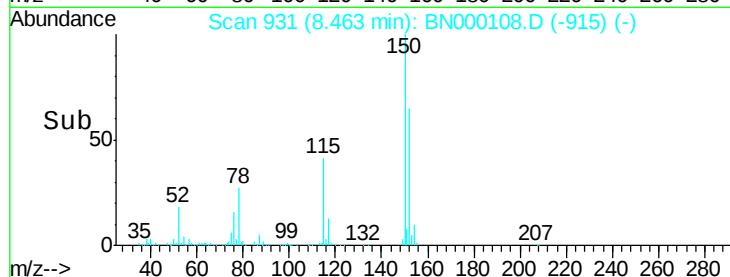
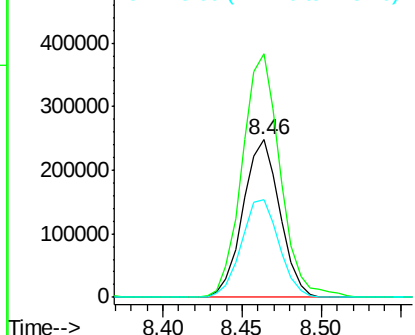
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

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

Tot Ion:152 Resp: 399696
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 62.4 53.0 79.4



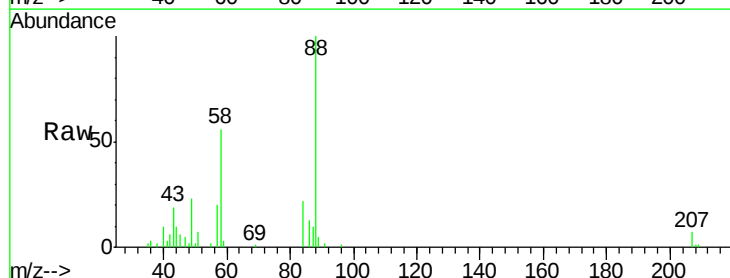
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



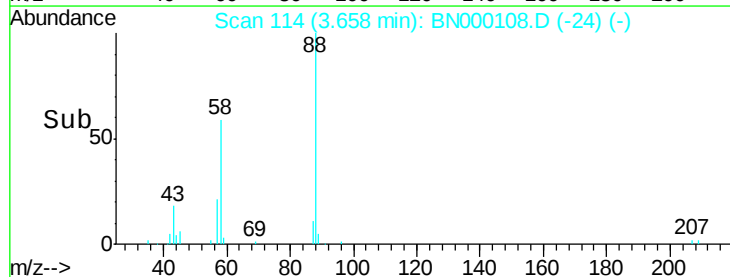
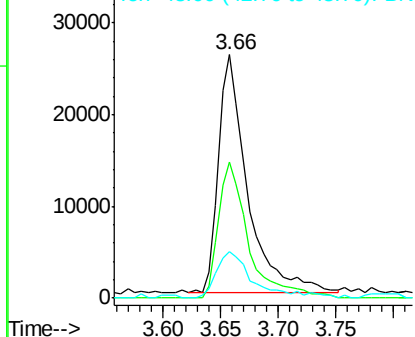
#2

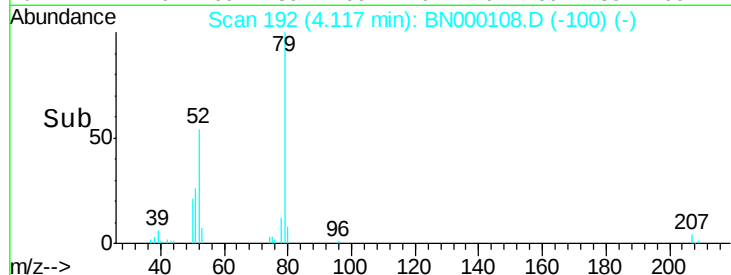
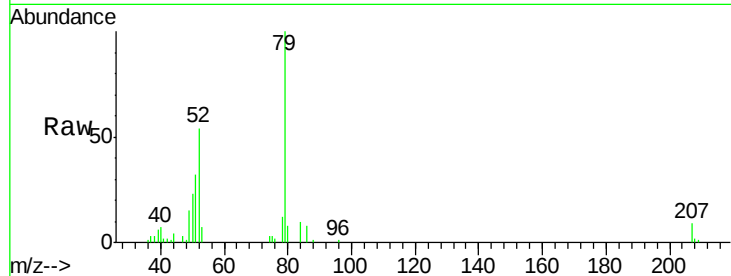
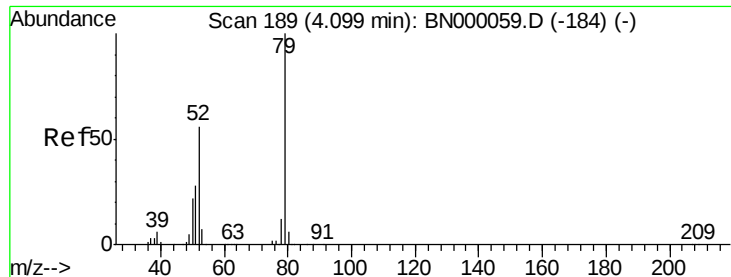
1,4-Dioxane
Concen: 4.575 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion: 88 Resp: 45146
Ion Ratio Lower Upper
88 100
58 59.4 52.0 78.0
43 25.1 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

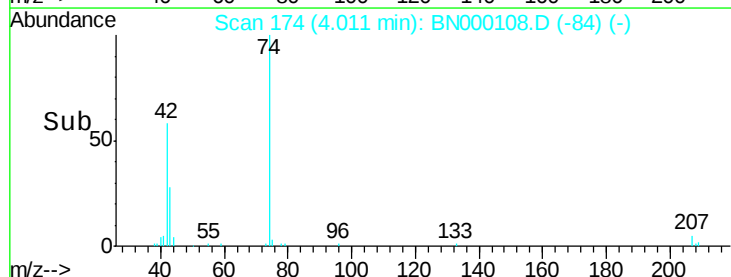
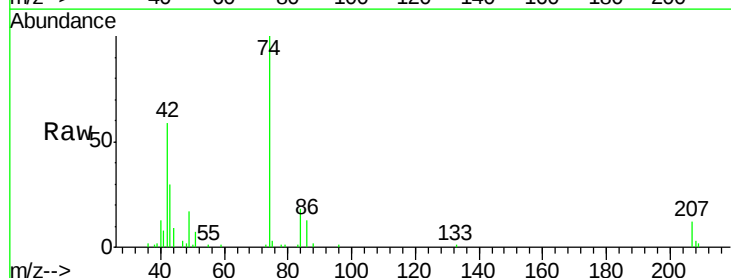
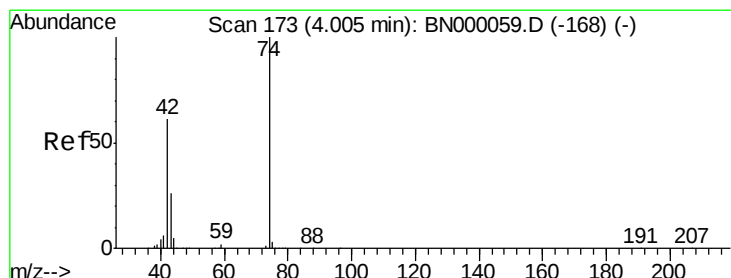
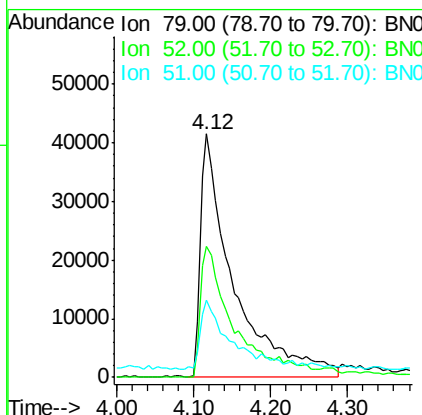




#3
 Pvridine
 Concen: 4.010 ng
 RT: 4.12 min Scan# 192
 Delta R.T. 0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

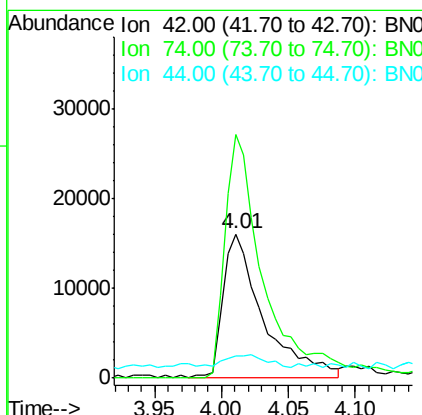
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

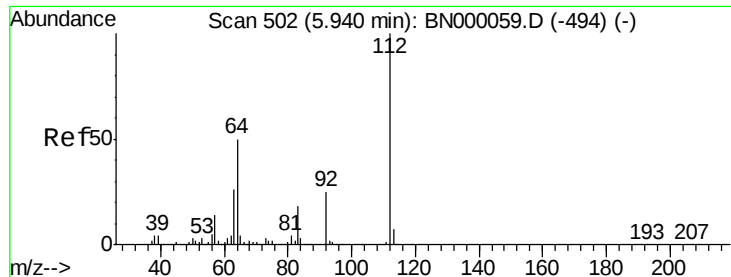
Tot Ion	Ratio	Lower	Upper
79	100		
52	53.6	44.0	66.0
51	31.5	24.0	36.0



#4
 n-Nitrosodimethylamine
 Concen: 3.923 ng
 RT: 4.01 min Scan# 174
 Delta R.T. 0.00 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	168.7	128.0	192.0
44	15.6	12.0	18.0





#5

2-Fluorophenol

Concen: 132.511 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

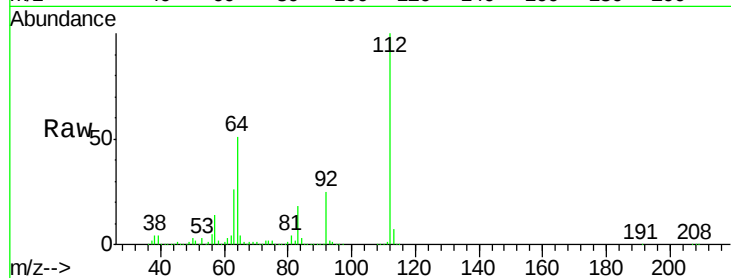
Tot Ion:112 Resp: 3249806

Ion Ratio Lower Upper

112 100

64 50.8 56.3 84.5#

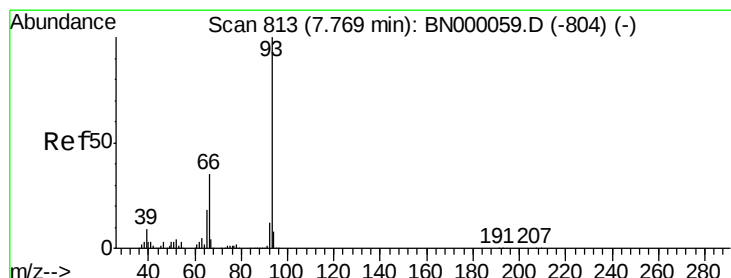
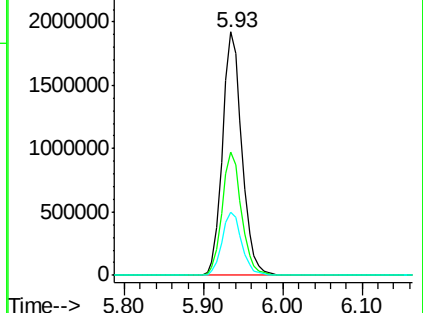
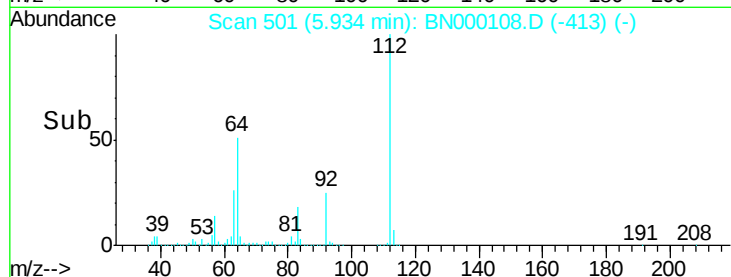
63 26.1 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 4.039 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

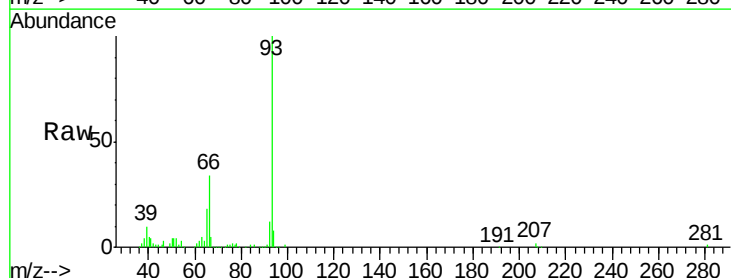
Tgt Ion: 93 Resp: 206699

Ion Ratio Lower Upper

93 100

66 33.5 33.7 50.5#

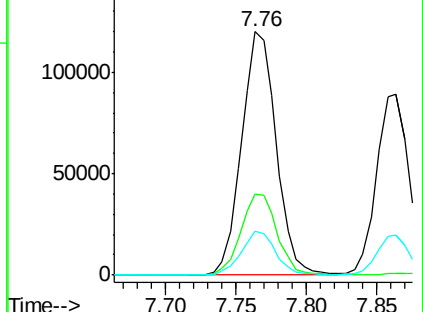
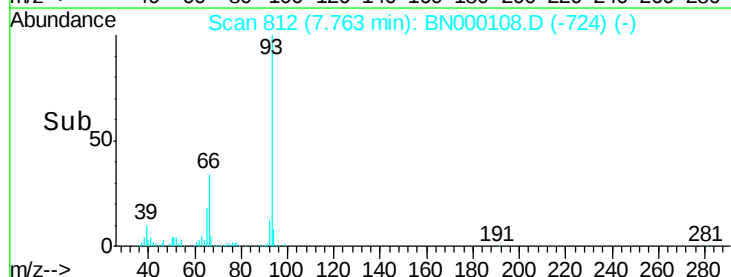
65 18.1 16.1 24.1

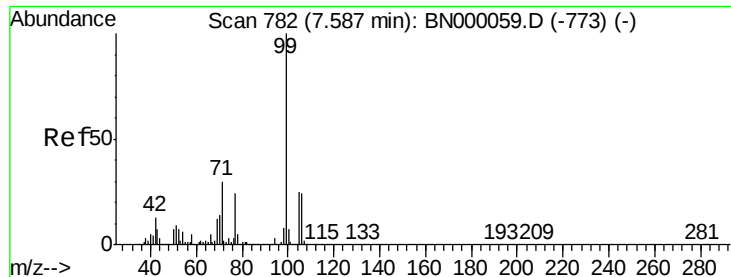


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 126.146 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

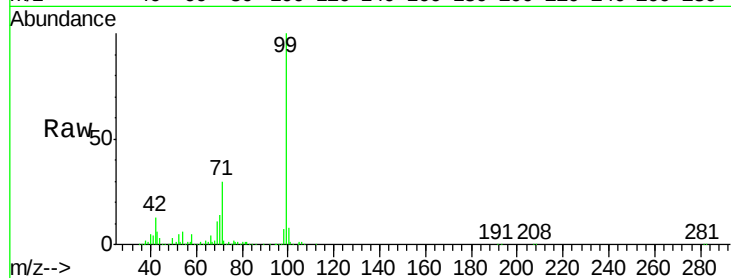
BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion: 99 Resp: 4686209

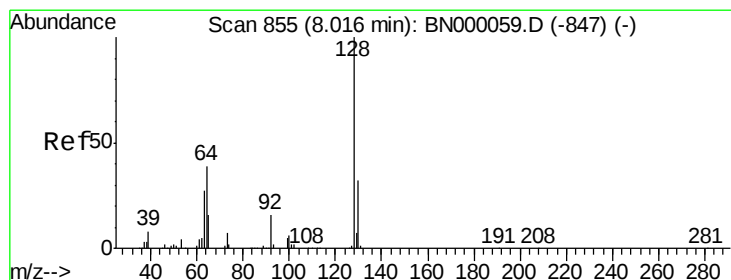
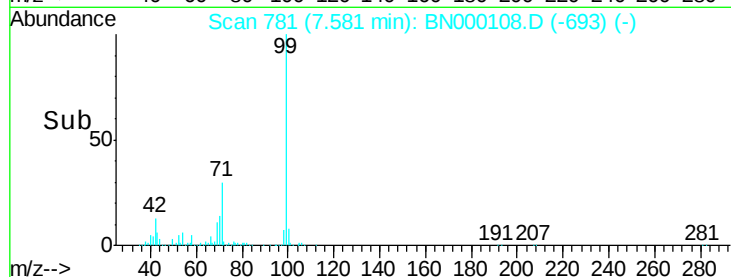
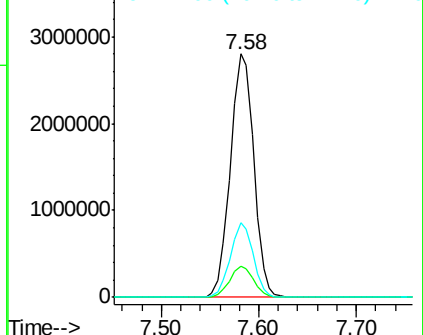
Ion	Ratio	Lower	Upper
99	100		
42	12.7	14.1	21.1#
71	30.4	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000059.D (-773) (-)

Ion 42.00 (41.70 to 42.70): BN000059.D (-773) (-)

Ion 71.00 (70.70 to 71.70): BN000059.D (-773) (-)



#8

2-Chlorophenol

Concen: 4.469 ng

RT: 8.01 min Scan# 854

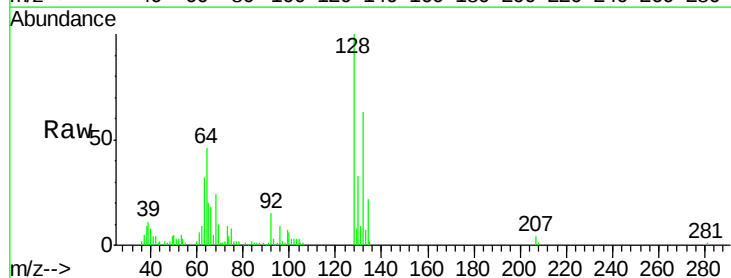
Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Tgt Ion: 128 Resp: 128169

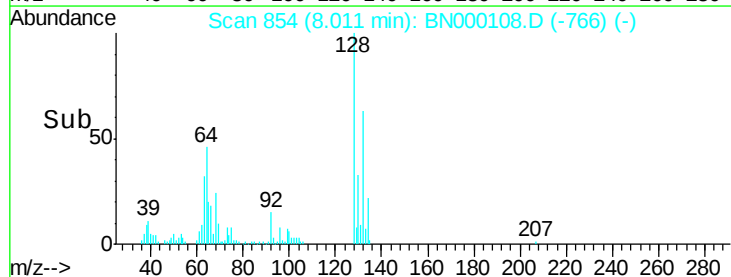
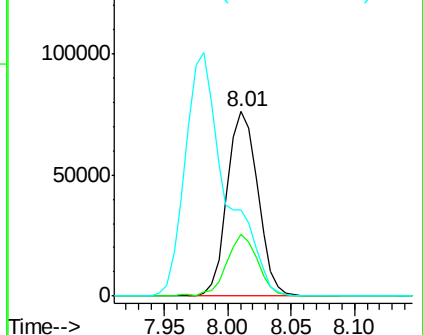
Ion	Ratio	Lower	Upper
128	100		
130	33.4	14.0	54.0
64	46.5	37.7	77.7

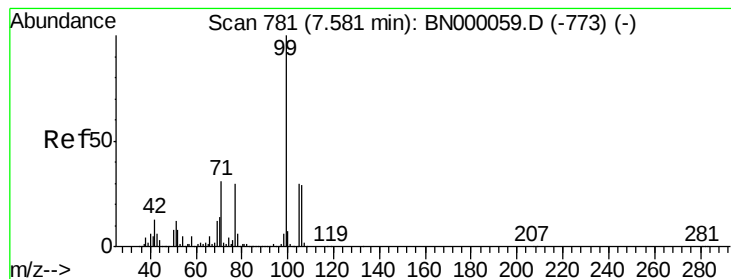


Abundance Ion 128.00 (127.70 to 128.70): BN000059.D (-847) (-)

Ion 130.00 (129.70 to 130.70): BN000059.D (-847) (-)

Ion 64.00 (63.70 to 64.70): BN000059.D (-847) (-)





#9

Benzaldehyde

Concen: 3.145 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

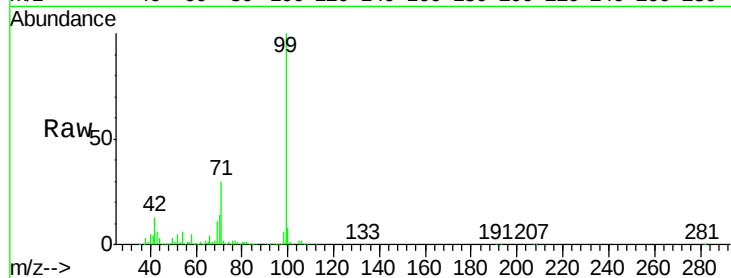
Tot Ion: 77 Resp: 72691

Ion Ratio Lower Upper

77 100

105 93.4 71.3 111.3

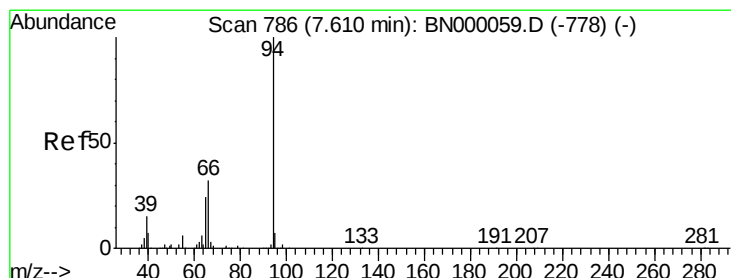
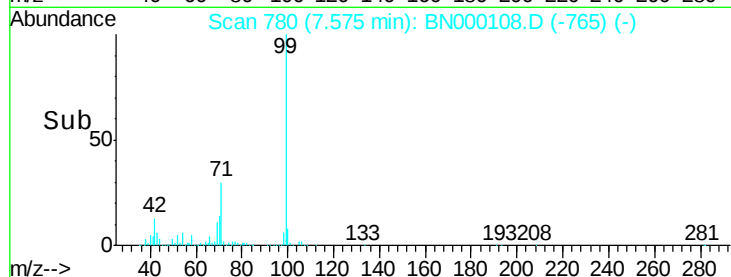
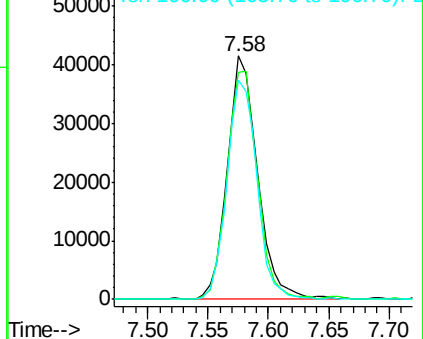
106 90.2 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 4.353 ng

RT: 7.61 min Scan# 786

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

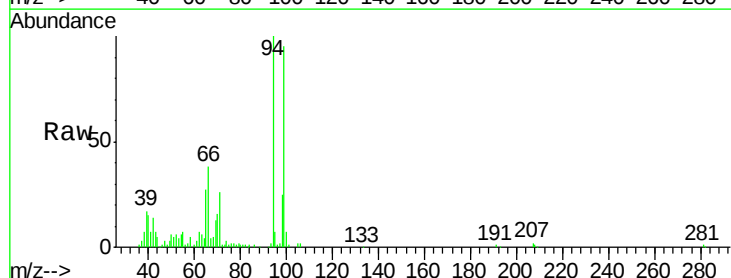
Tgt Ion: 94 Resp: 170718

Ion Ratio Lower Upper

94 100

65 27.3 11.9 51.9

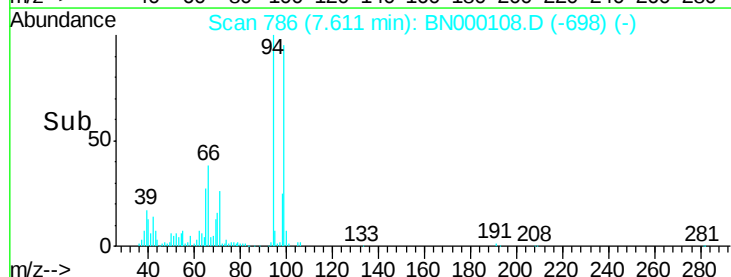
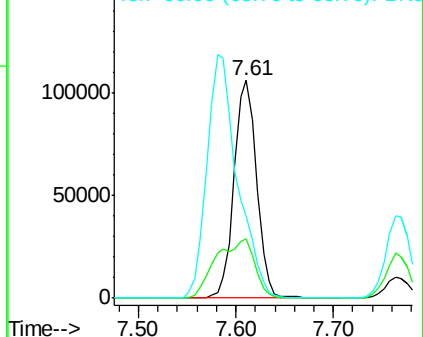
66 37.8 22.2 62.2

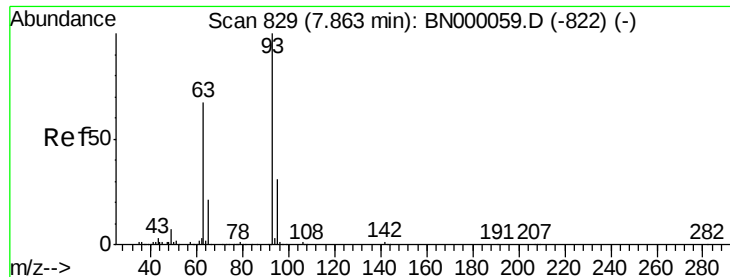


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

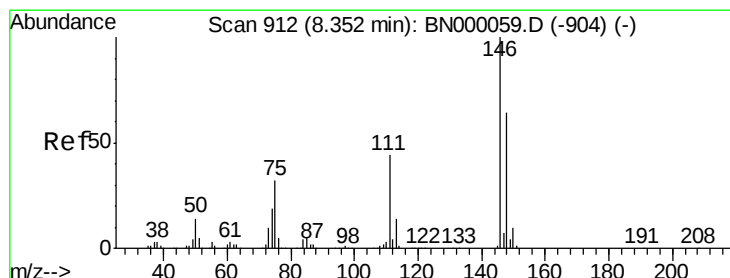
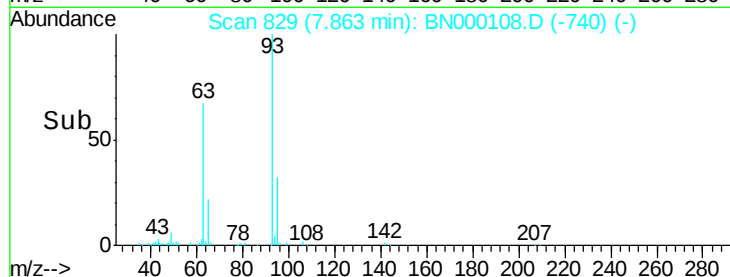
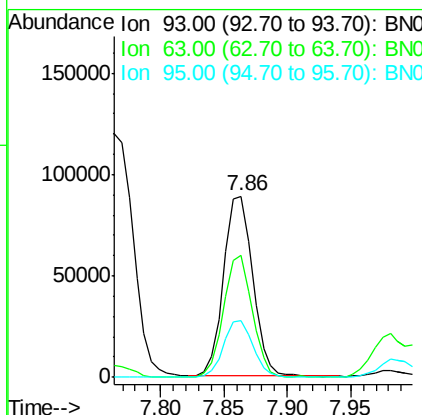
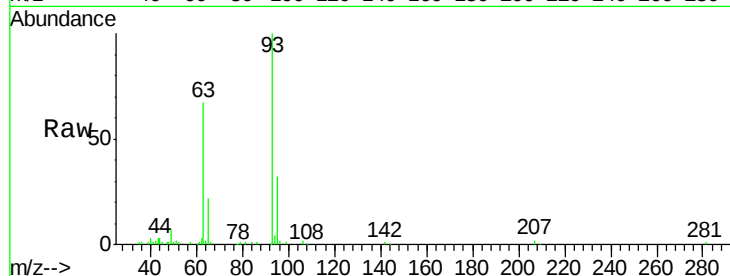




#11
bis(2-Chloroethyl)ether
Concen: 4.391 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

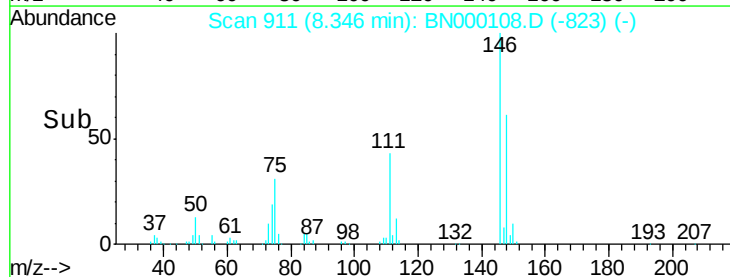
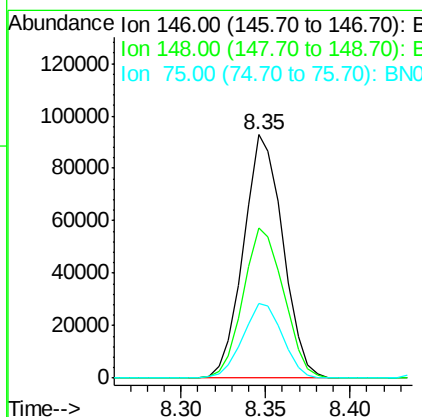
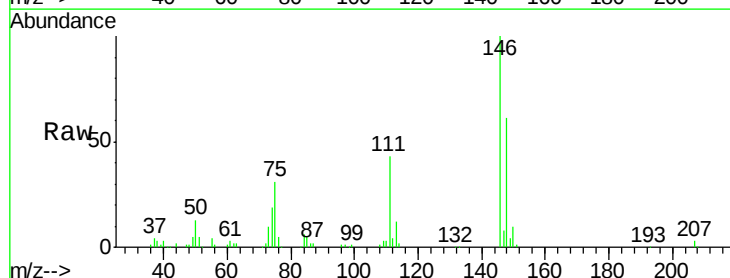
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

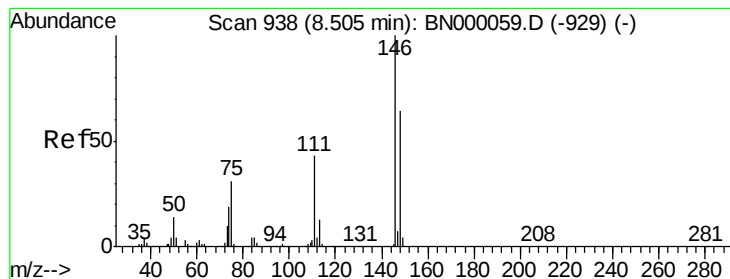
Tot Ion: 93 Resp: 141626
Ion Ratio Lower Upper
93 100
63 67.0 67.1 107.1#
95 31.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 4.624 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion: 146 Resp: 150689
Ion Ratio Lower Upper
146 100
148 61.5 51.4 77.2
75 30.7 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 4.588 ng

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

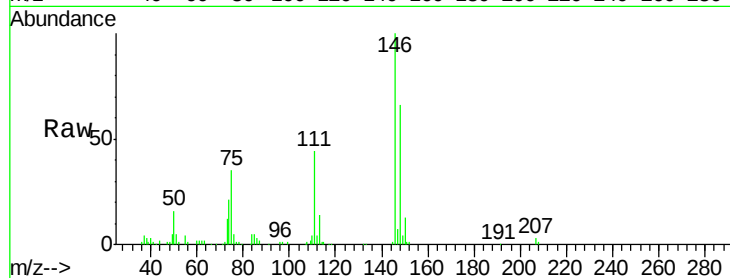
Tot Ion:146 Resp: 152694

Ion Ratio Lower Upper

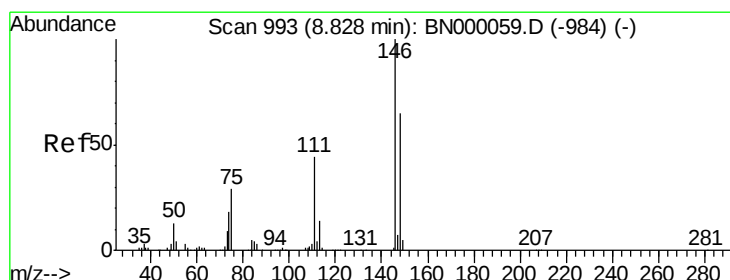
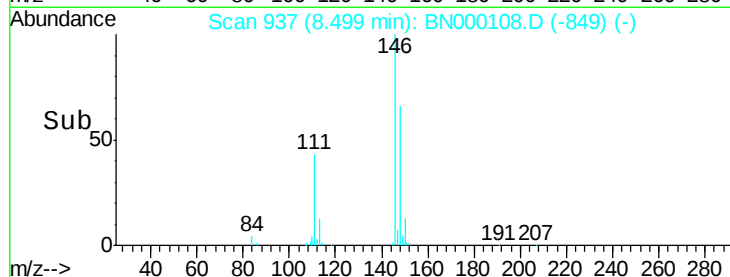
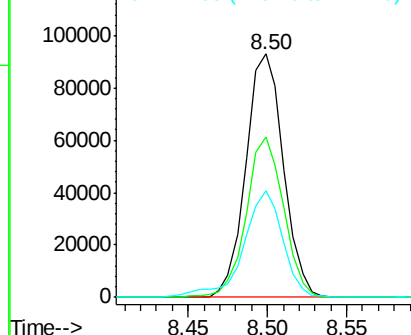
146 100

148 65.9 53.7 80.5

111 43.8 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 4.627 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

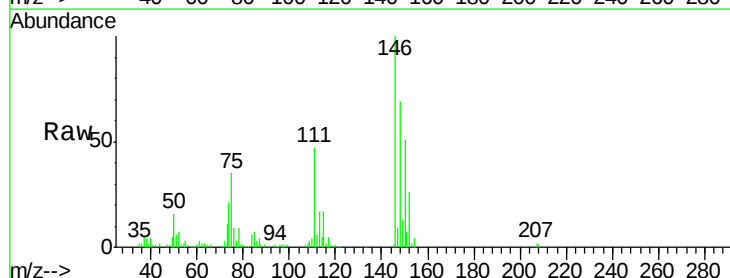
Tgt Ion:146 Resp: 151582

Ion Ratio Lower Upper

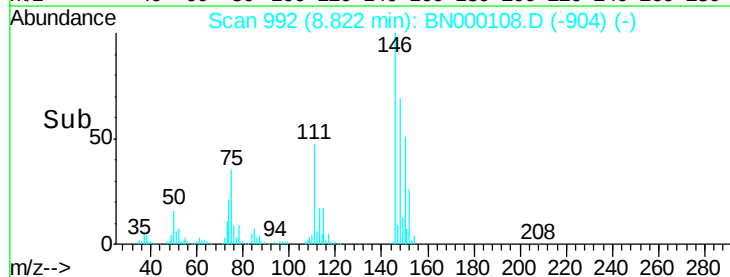
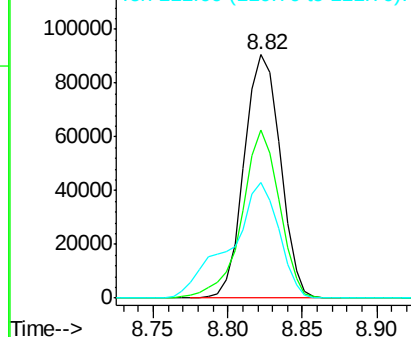
146 100

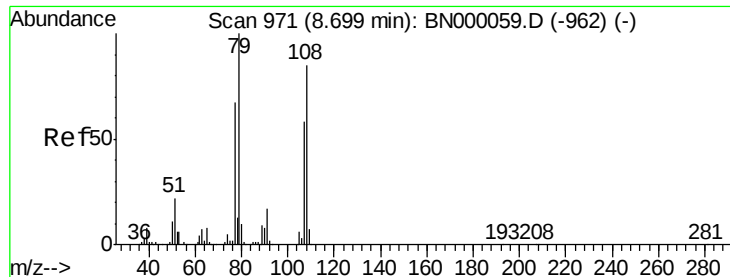
148 68.9 49.3 73.9

111 47.3 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 3.744 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

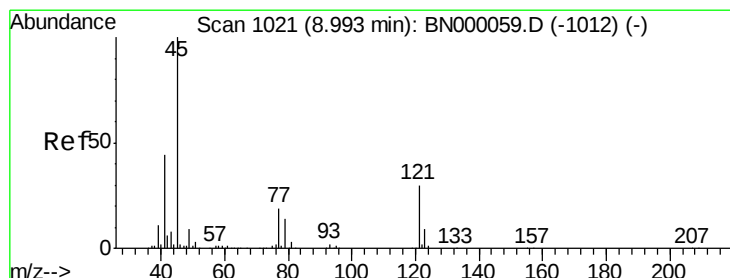
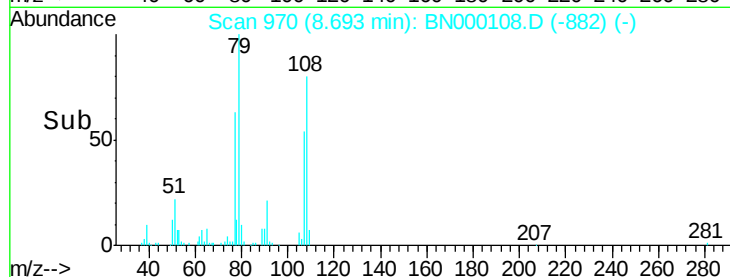
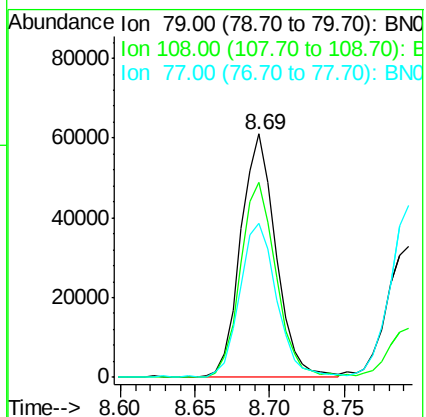
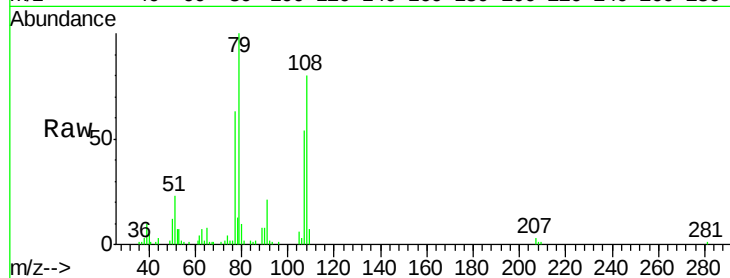
Tot Ion: 79 Resp: 99970

Ion Ratio Lower Upper

79 100

108 80.1 57.2 85.8

77 63.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.494 ng

RT: 8.99 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

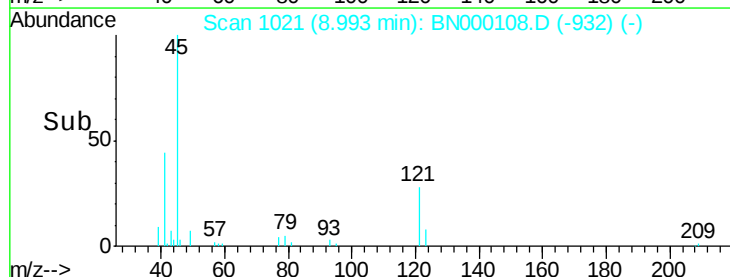
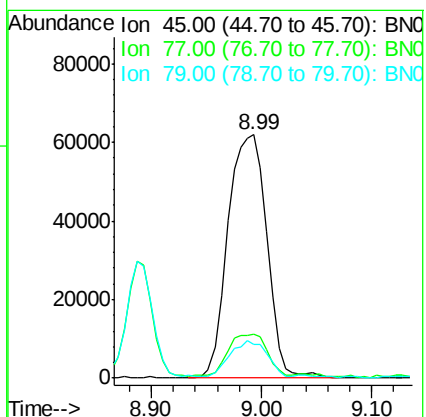
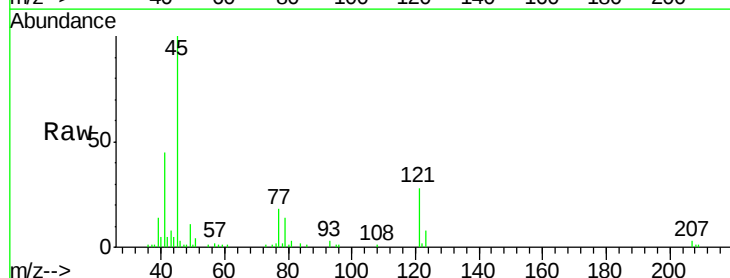
Tgt Ion: 45 Resp: 153428

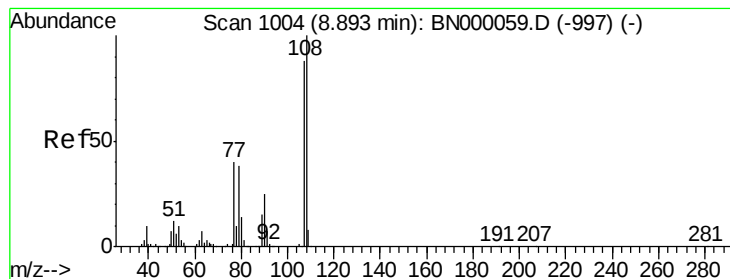
Ion Ratio Lower Upper

45 100

77 17.8 0.0 30.2

79 13.9 0.0 27.9

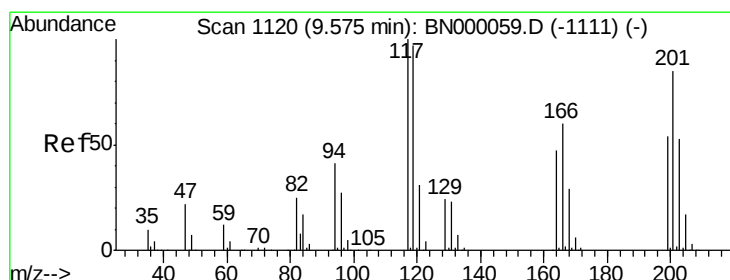
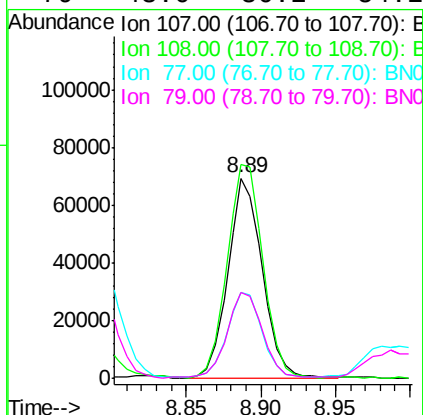
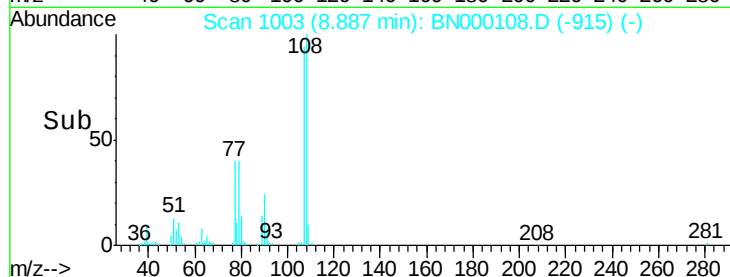
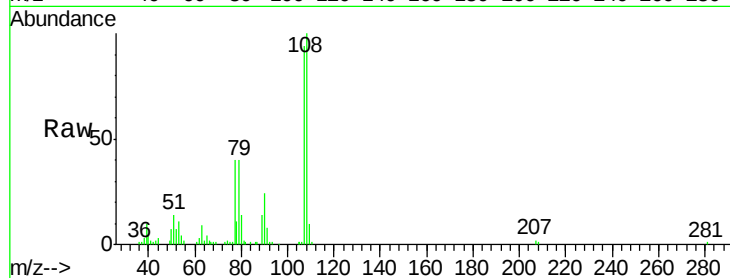




#17
2-Methylphenol
Concen: 4.001 ng
RT: 8.89 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

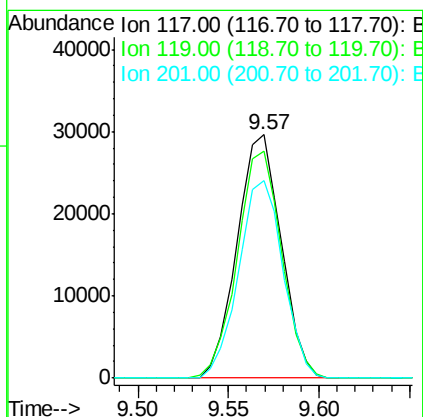
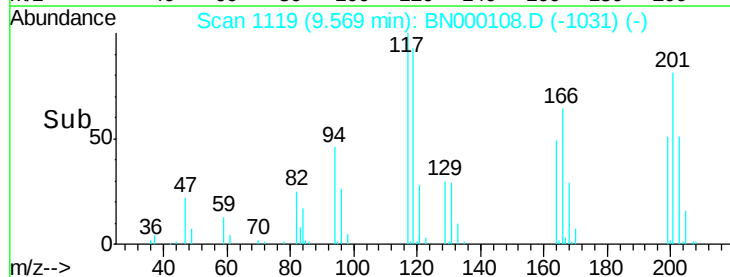
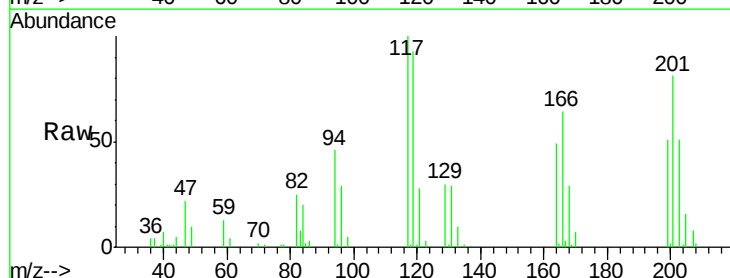
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

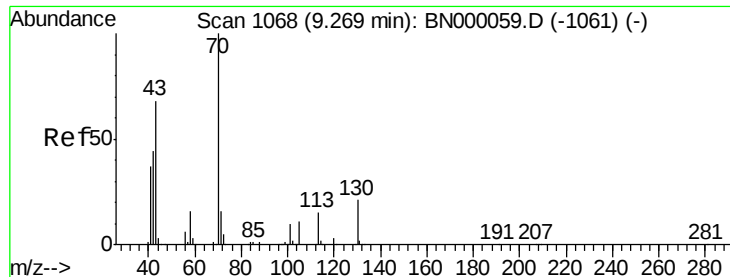
Tot Ion:107 Resp: 111503
Ion Ratio Lower Upper
107 100
108 106.8 83.9 125.9
77 42.8 37.2 55.8
79 43.0 36.2 54.2



#18
Hexachloroethane
Concen: 4.334 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:117 Resp: 50202
Ion Ratio Lower Upper
117 100
119 93.3 76.7 115.1
201 80.9 95.7 143.5#

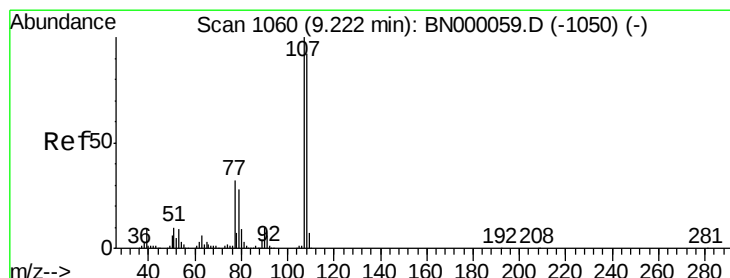
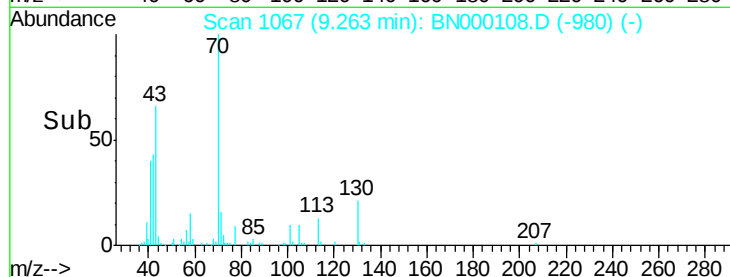
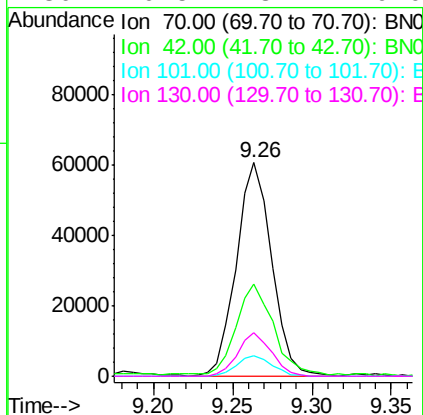
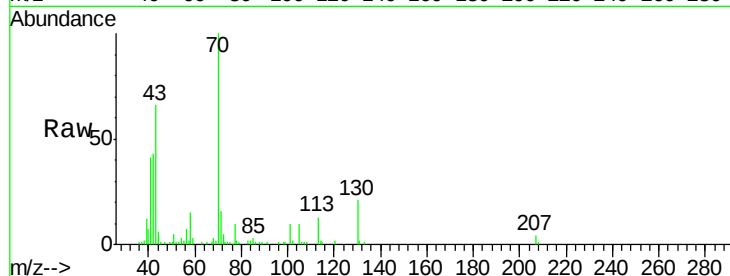




#19
n-Nitroso-di-n-propylamine
Concen: 3.774 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

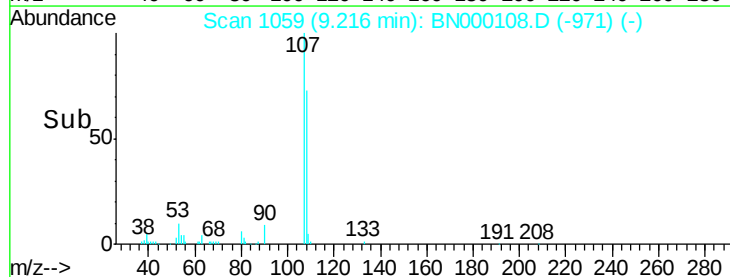
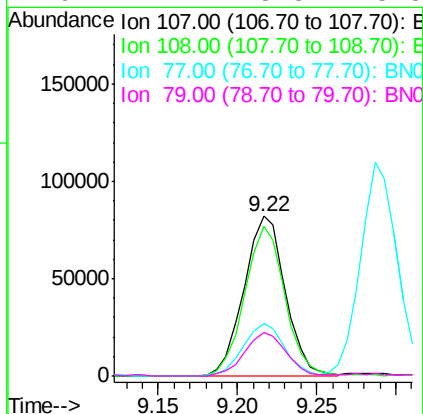
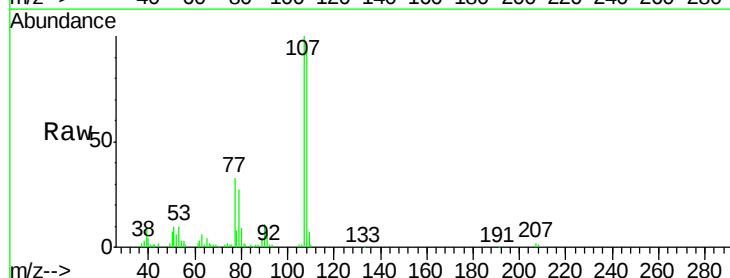
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

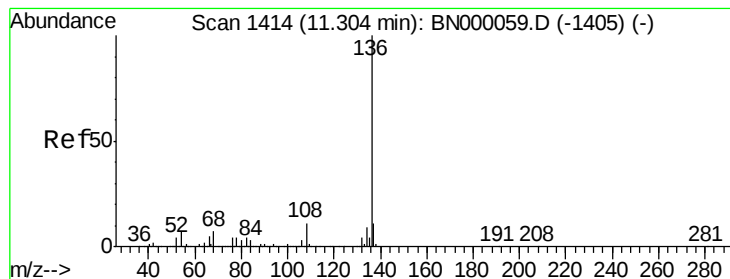
Tot Ion: 70 Resp: 93942
Ion Ratio Lower Upper
70 100
42 43.2 49.1 73.7#
101 9.7 8.5 12.7
130 20.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 3.819 ng
RT: 9.22 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:107 Resp: 148833
Ion Ratio Lower Upper
107 100
108 93.6 61.6 101.6
77 32.5 13.9 53.9
79 27.4 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:136 Resp: 1999931

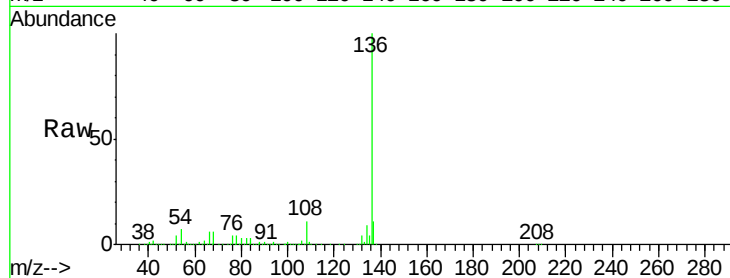
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.1 10.3 15.5#

68 6.2 4.5 6.7

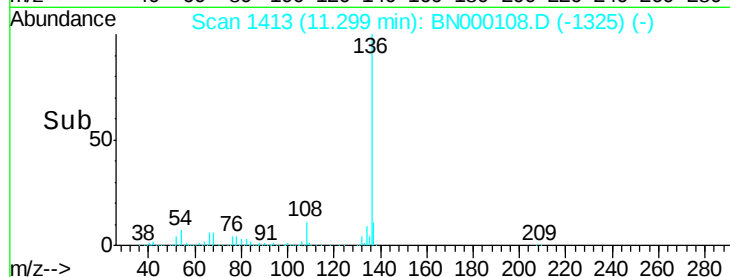


Abundance Ion 136.00 (135.70 to 136.70): E

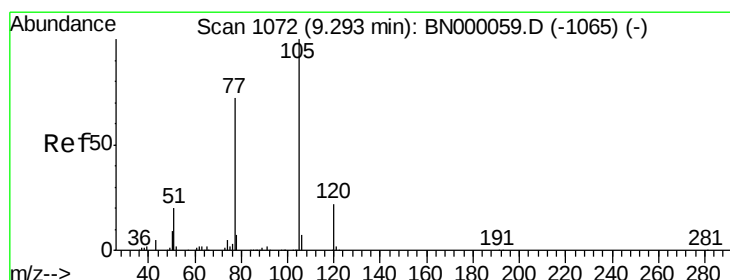
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time--> 11.20 11.30 11.40



#22

Acetophenone

Concen: 4.203 ng

RT: 9.29 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Tgt Ion:105 Resp: 235523

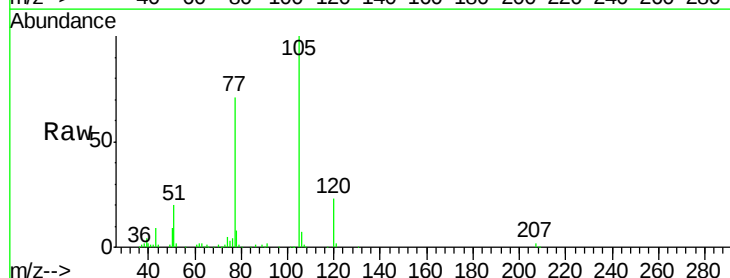
Ion Ratio Lower Upper

105 100

71 0.3 3.0 4.4#

51 20.1 26.1 39.1#

120 22.7 17.4 26.2

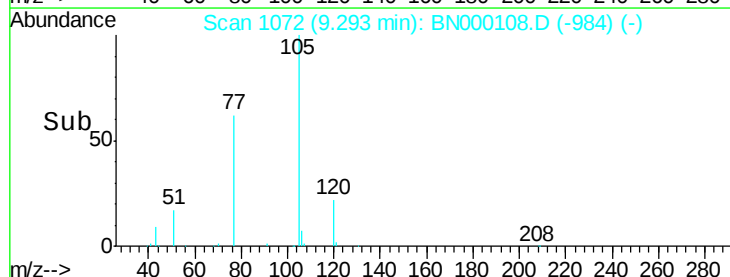


Abundance Ion 105.00 (104.70 to 105.70): E

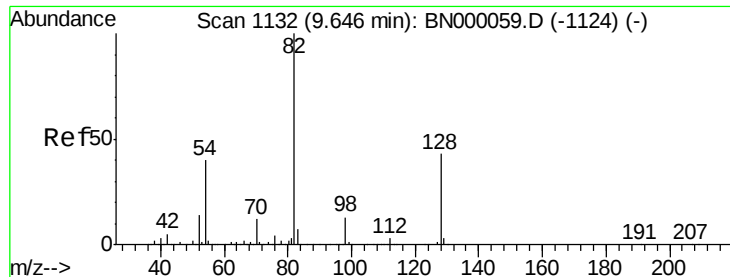
Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E



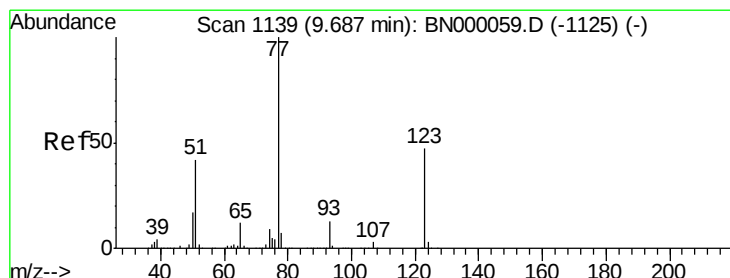
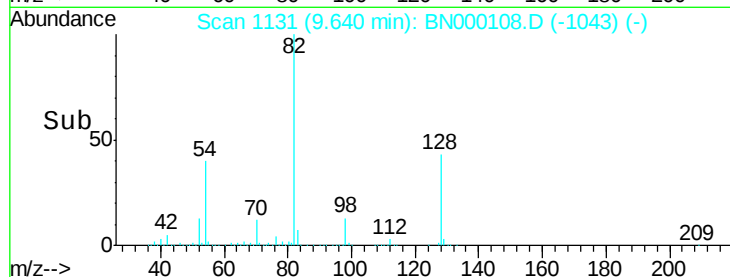
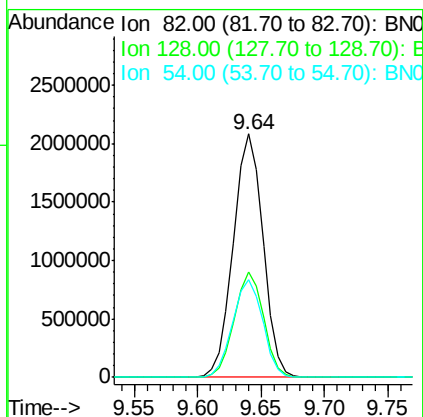
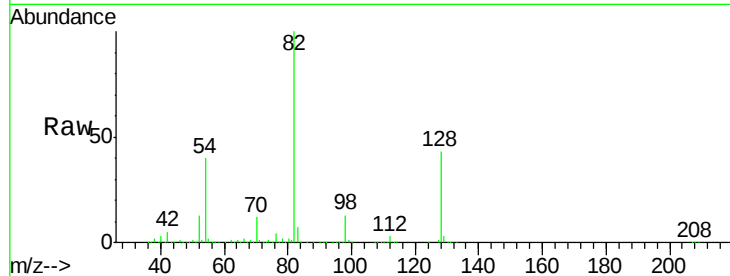
Time--> 9.20 9.25 9.30 9.35



#23
 Nitrobenzene-d5
 Concen: 100.400 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

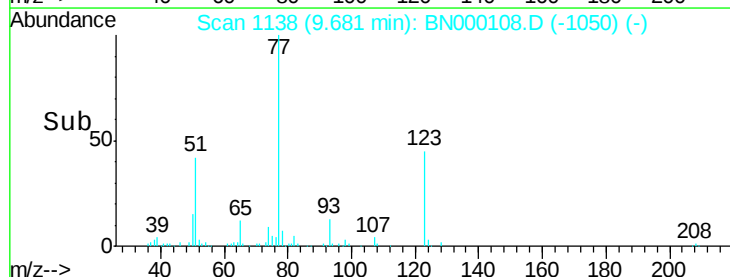
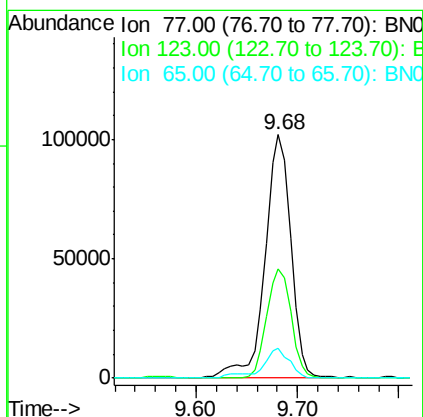
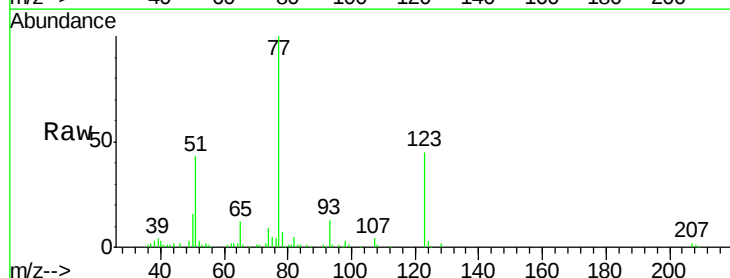
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

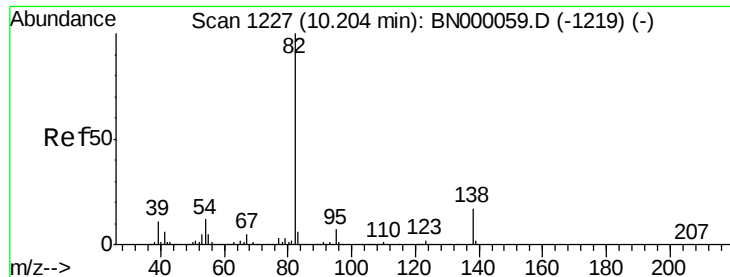
Tot Ion: 82 Resp: 3377199
 Ion Ratio Lower Upper
 82 100
 128 43.1 29.7 44.5
 54 40.0 43.1 64.7#



#24
 Nitrobenzene
 Concen: 4.938 ng
 RT: 9.68 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion: 77 Resp: 181591
 Ion Ratio Lower Upper
 77 100
 123 45.1 33.0 49.6
 65 12.1 13.0 19.6#





#25

Isophorone

Concen: 3.702 ng

RT: 10.20 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

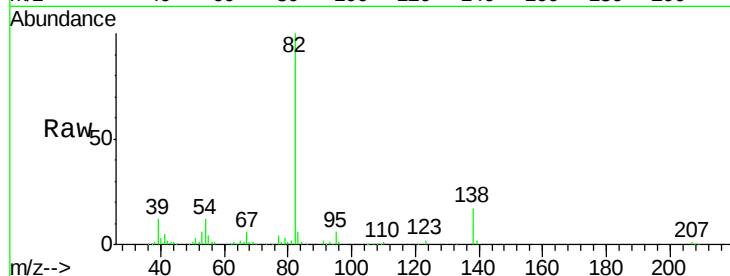
Tot Ion: 82 Resp: 257428

Ion Ratio Lower Upper

82 100

95 6.5 6.2 9.2

138 16.8 12.1 18.1

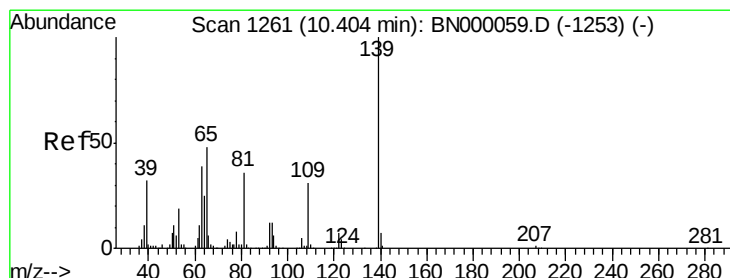
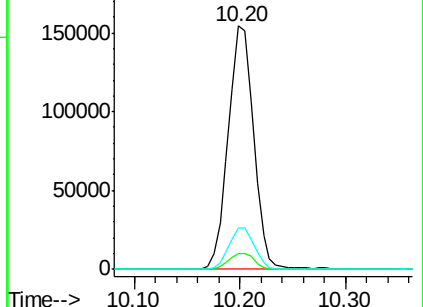
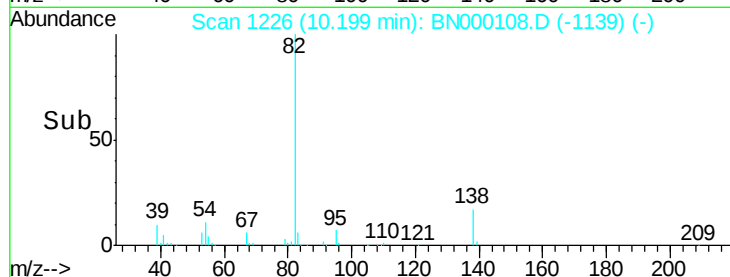


Abundance Ion 82.00 (81.70 to 82.70): BN000059.D (-1219) (-)

Ion 95.00 (94.70 to 95.70): BN000059.D (-1219) (-)

Ion 138.00 (137.70 to 138.70): BN000059.D (-1219) (-)

Time-->



#26

2-Nitrophenol

Concen: 9.563 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

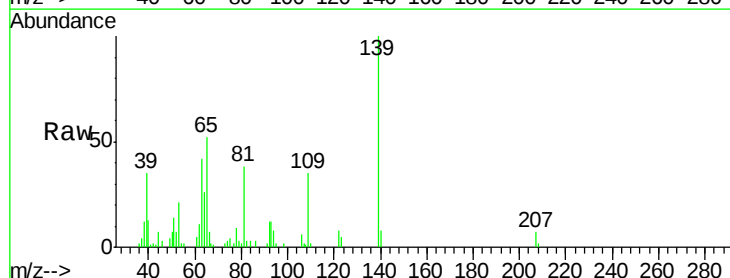
Tgt Ion: 139 Resp: 42017

Ion Ratio Lower Upper

139 100

109 35.5 24.2 36.2

65 52.0 47.4 71.0

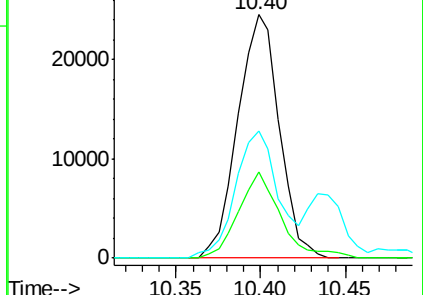
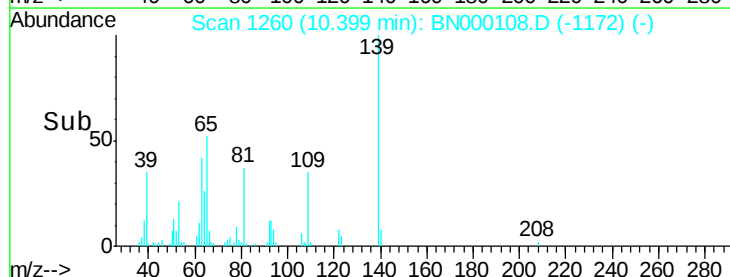


Abundance Ion 139.00 (138.70 to 139.70): BN000059.D (-1253) (-)

Ion 109.00 (108.70 to 109.70): BN000059.D (-1253) (-)

Ion 65.00 (64.70 to 65.70): BN000059.D (-1253) (-)

Time-->

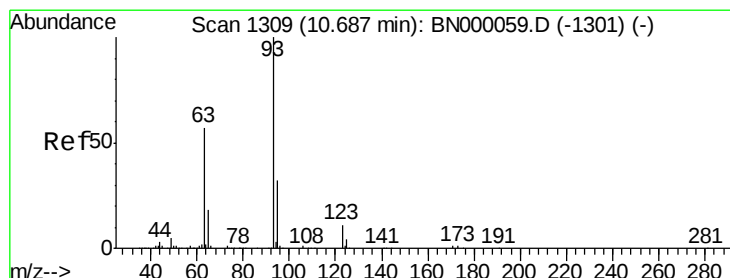
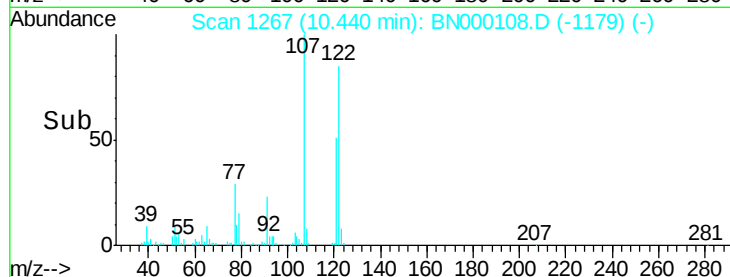
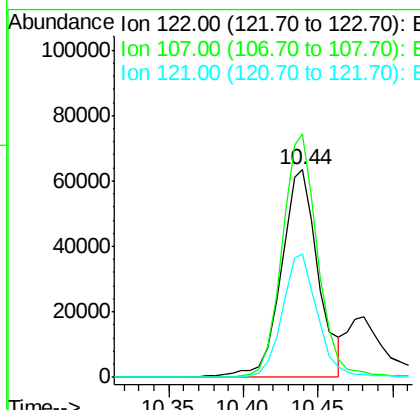
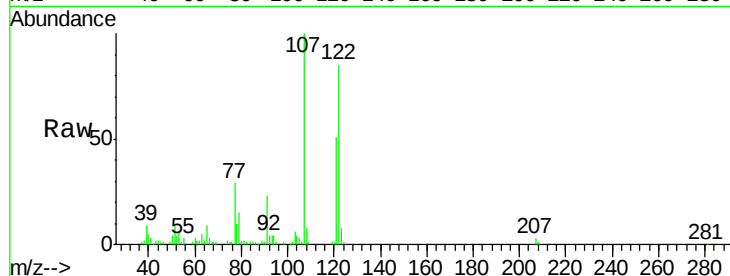




#27
2,4-Dimethylphenol
Concen: 3.640 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

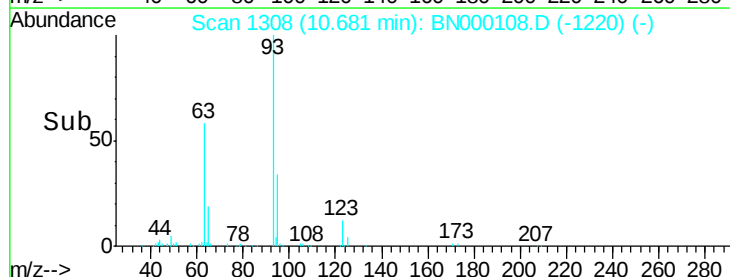
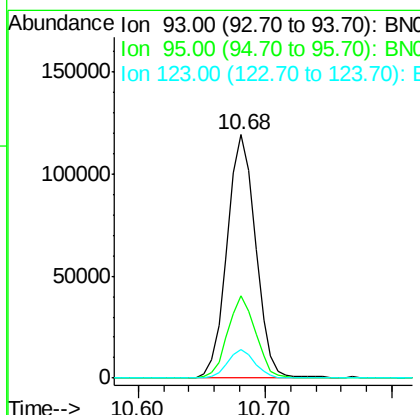
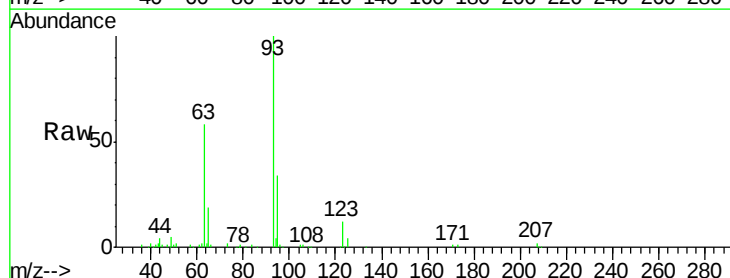
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

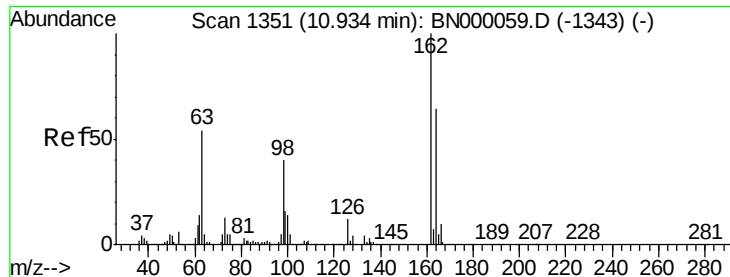
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.5	100.2	150.2
121	59.6	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 4.176 ng
RT: 10.68 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.3	36.5
123	11.7	8.4	12.6

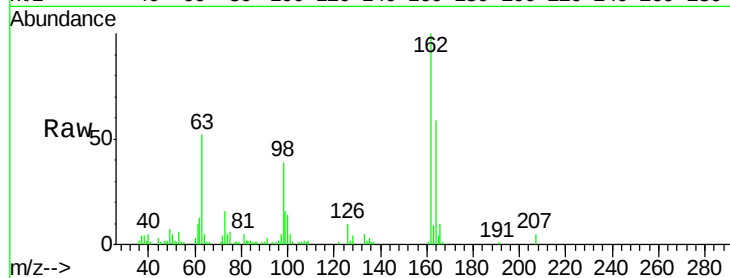




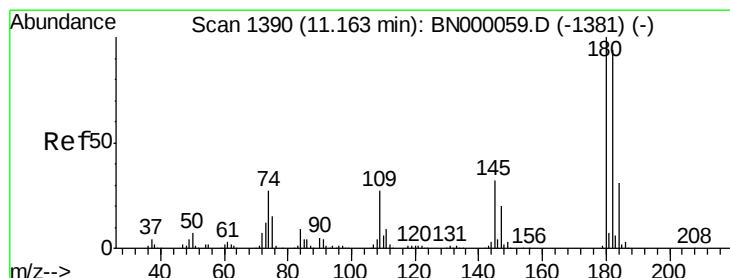
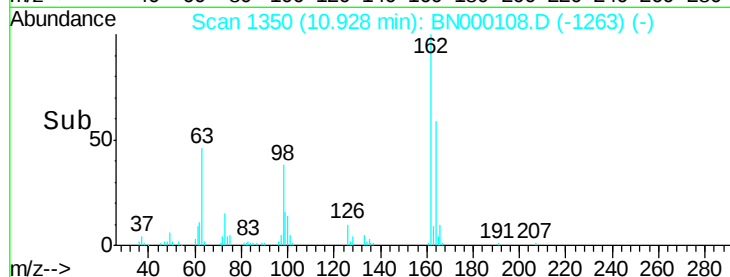
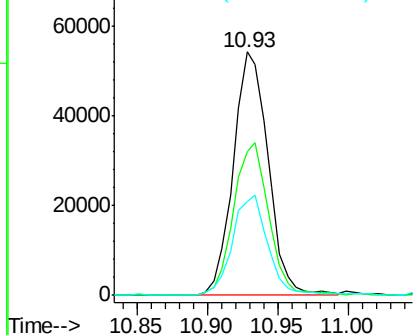
#29
2,4-Dichlorophenol
Concen: 3.373 ng
RT: 10.93 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	58.8	48.0	88.0
98	38.7	21.1	61.1

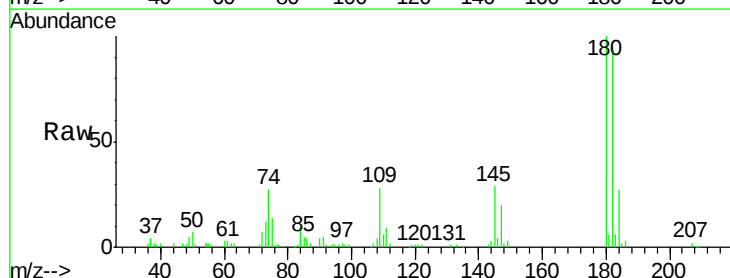


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNC

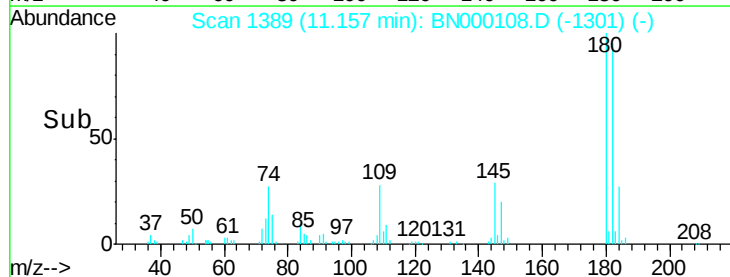
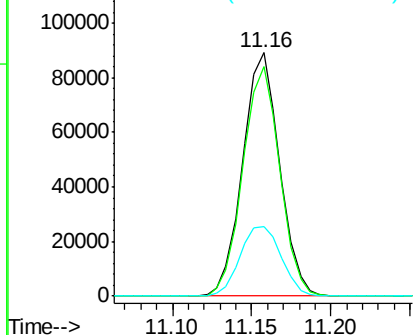


#30
1,2,4-Trichlorobenzene
Concen: 4.493 ng
RT: 11.16 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.5	116.3
145	28.6	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

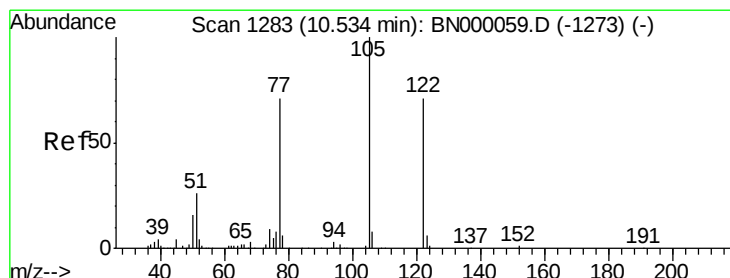
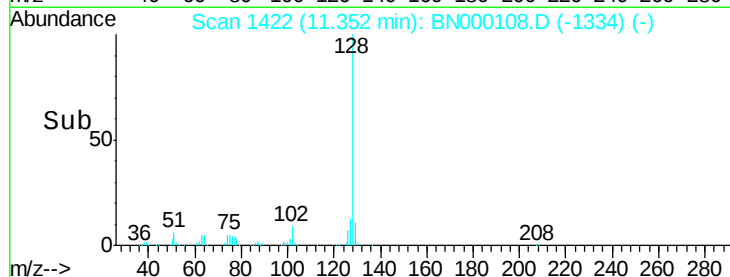
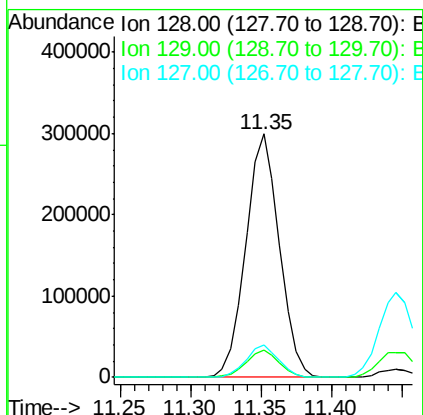
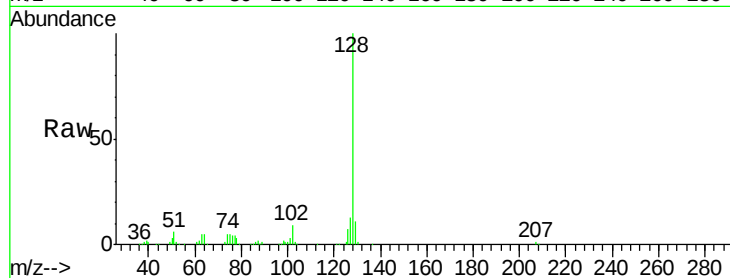




#31
Naphthalene
Concen: 4.547 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

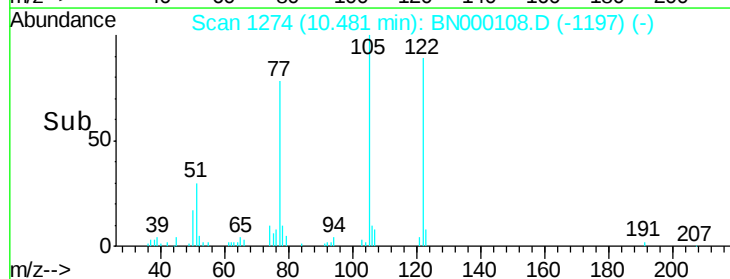
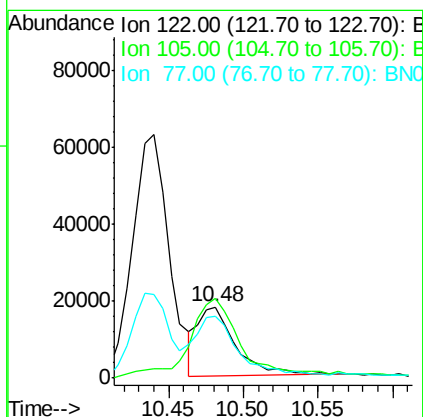
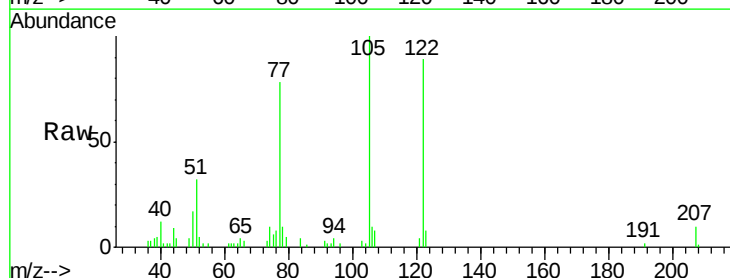
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.4	11.6	17.4



#32
Benzoic acid
Concen: 11.625 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.08 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.4	123.5	163.5#
77	87.6	85.7	125.7

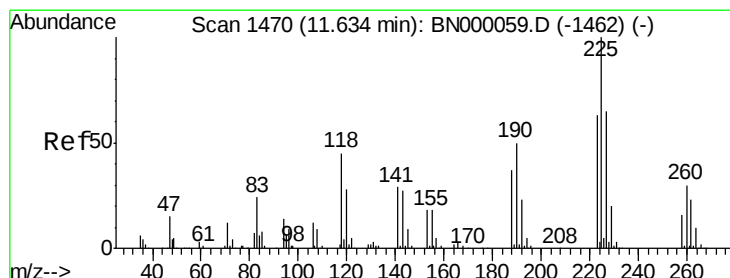
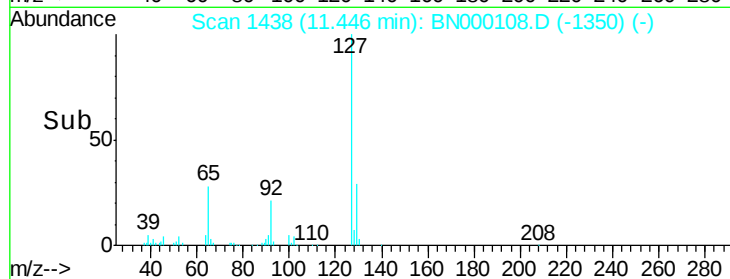
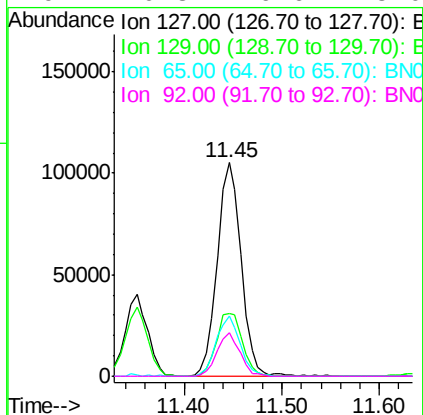
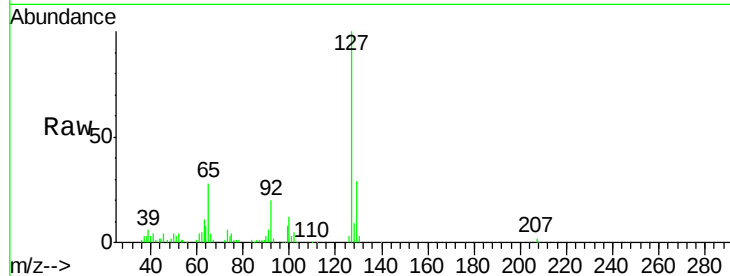




#33
4-Chloroaniline
Concen: 3.722 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

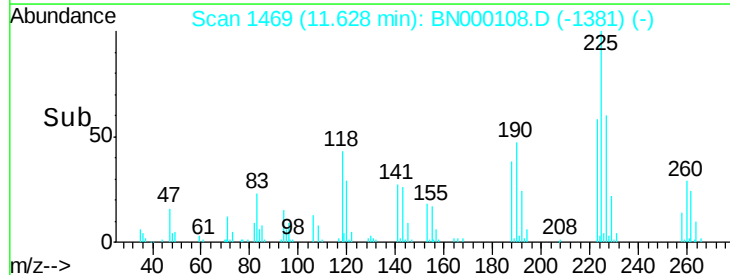
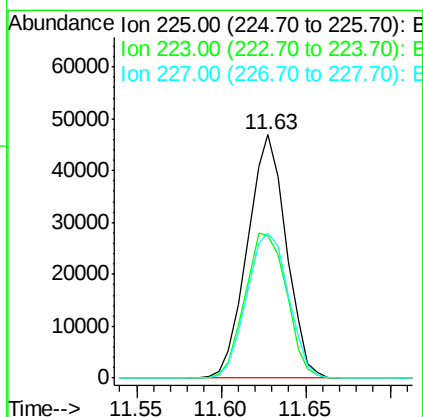
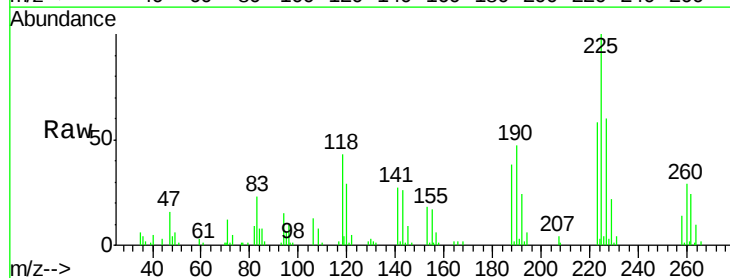
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

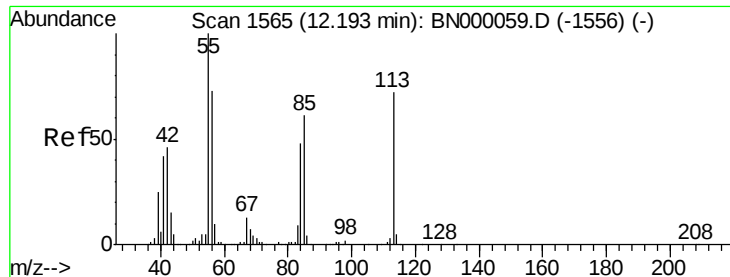
Tot Ion:	127	Resp:	179268
Ion	Ratio	Lower	Upper
127	100		
129	29.2	24.0	36.0
65	28.1	27.0	40.4
92	20.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 4.508 ng
RT: 11.63 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:	225	Resp:	75095
Ion	Ratio	Lower	Upper
225	100		
223	58.4	49.7	74.5
227	59.6	48.1	72.1





#35

Caprolactam

Concen: 6.126 ng

RT: 12.17 min Scan# 1561

Delta R.T. -0.03 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

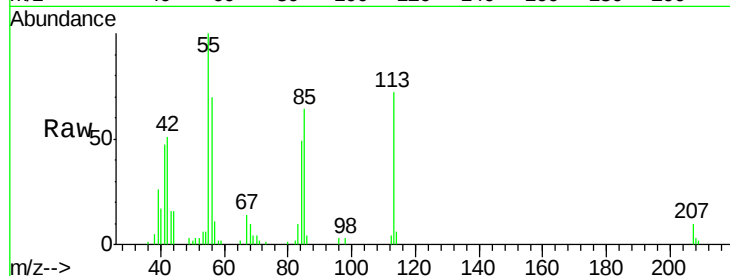
Tot Ion:113 Resp: 28045

Ion Ratio Lower Upper

113 100

55 138.9 120.0 160.0

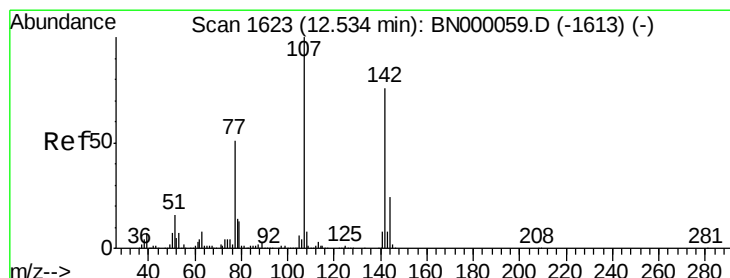
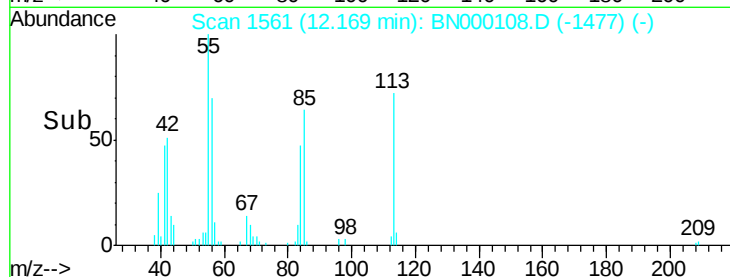
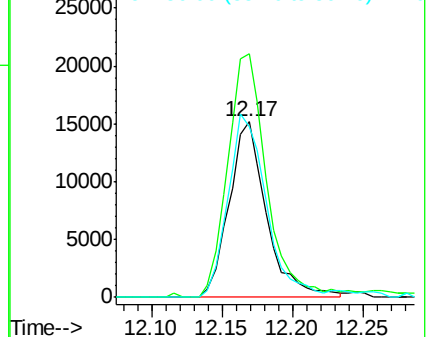
56 97.3 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 3.337 ng

RT: 12.53 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

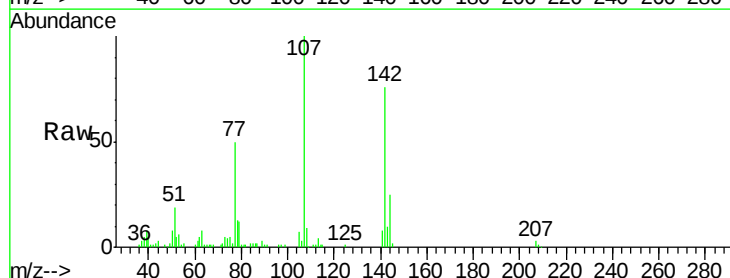
Tgt Ion:107 Resp: 118195

Ion Ratio Lower Upper

107 100

144 24.7 18.2 27.4

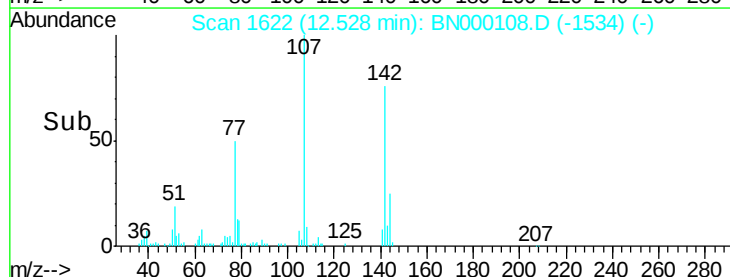
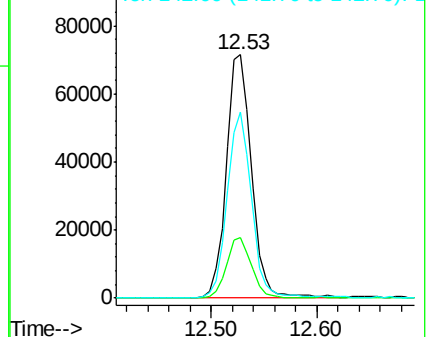
142 76.3 59.0 88.4

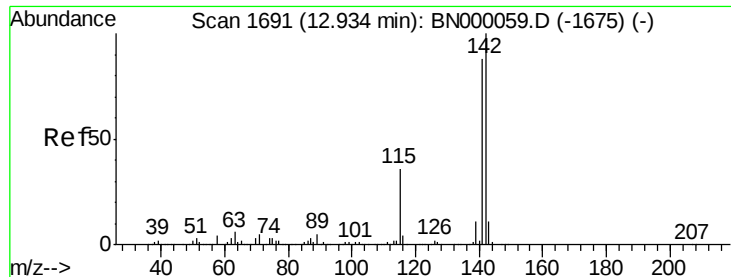


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

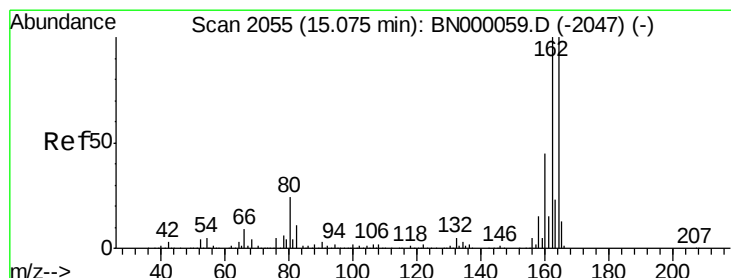
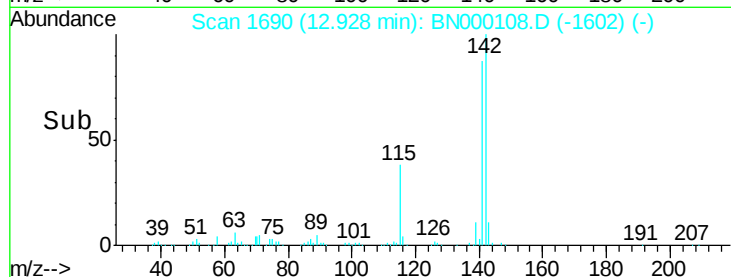
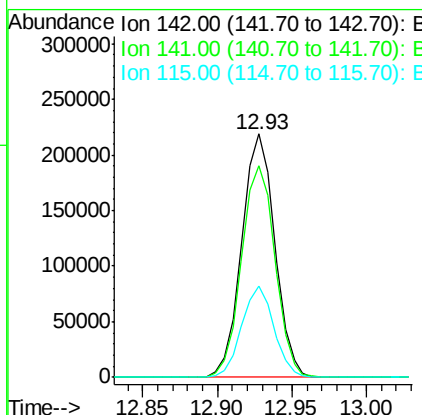
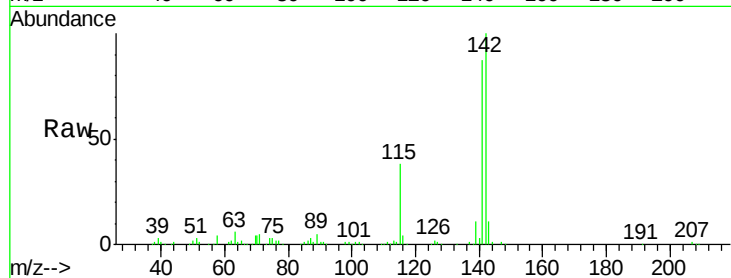




#37
2-Methylnaphthalene
Concen: 4.400 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

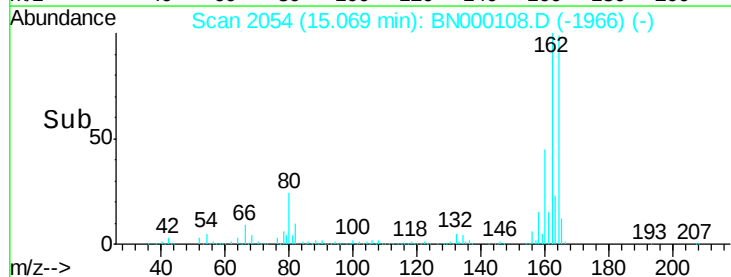
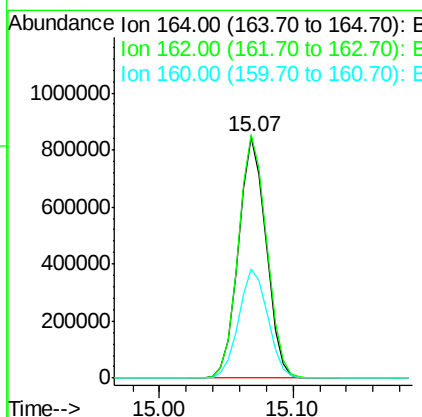
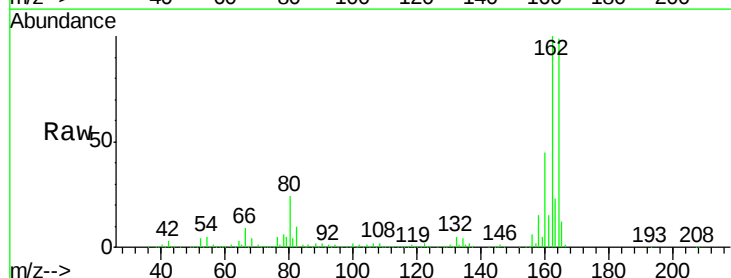
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

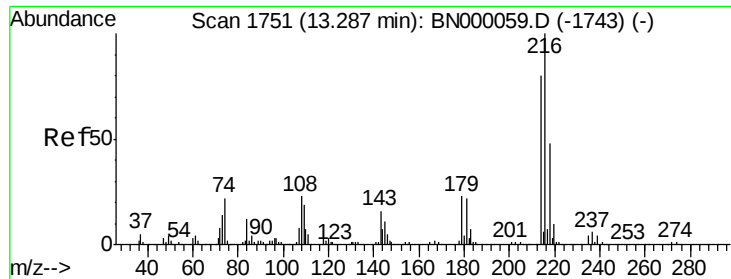
Tot Ion:142 Resp: 335652
Ion Ratio Lower Upper
142 100
141 87.1 67.1 100.7
115 37.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:164 Resp: 1203877
Ion Ratio Lower Upper
164 100
162 100.8 78.8 118.2
160 45.0 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.448 ng

RT: 13.28 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:216 Resp: 158073

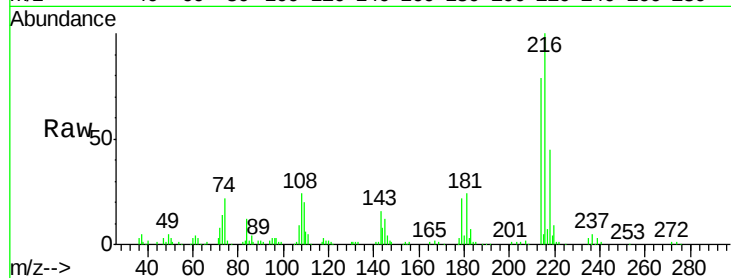
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 22.5 17.0 25.6

108 24.7 12.8 19.2#

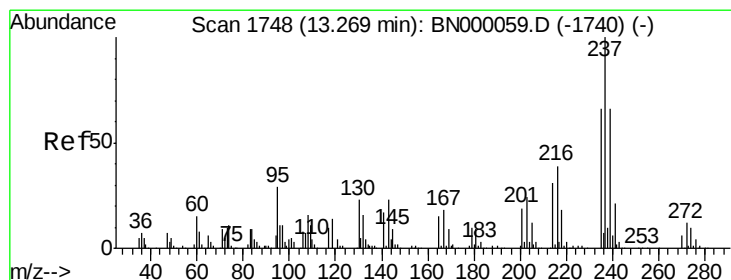
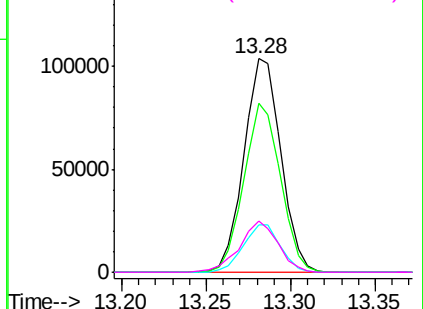
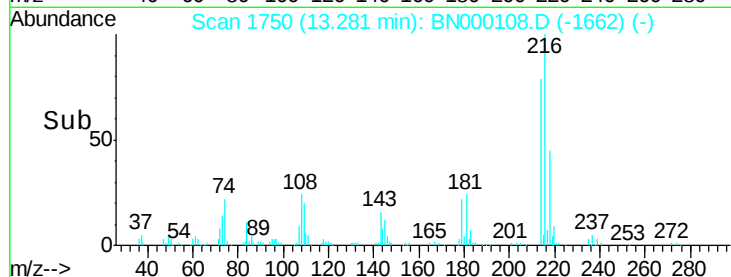


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 3.491 ng

RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

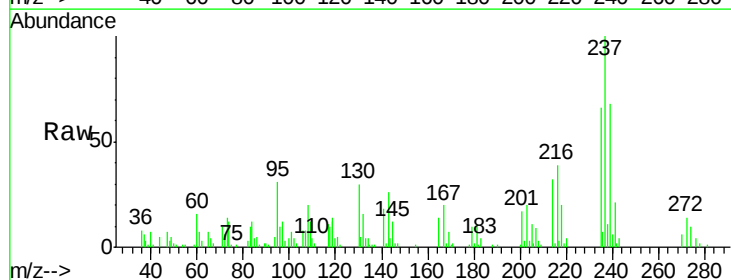
Tgt Ion:237 Resp: 51705

Ion Ratio Lower Upper

237 100

235 65.8 50.4 90.4

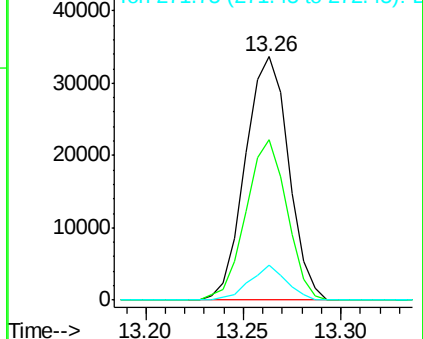
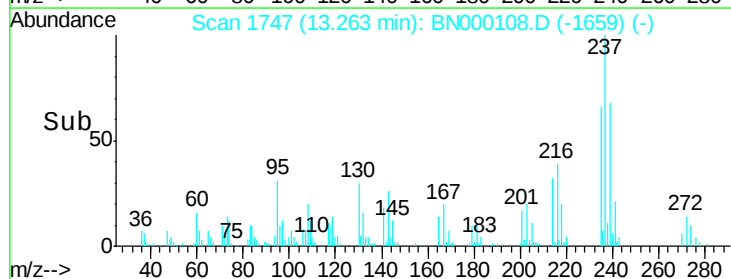
272 14.3 0.0 31.8

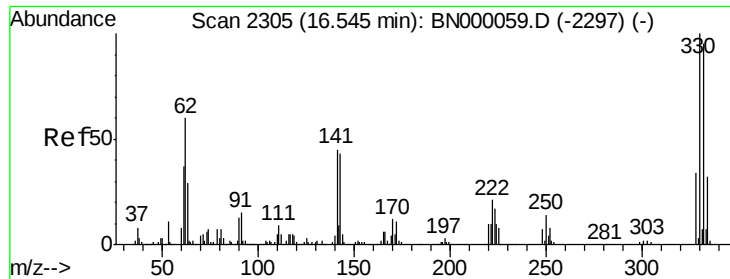


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

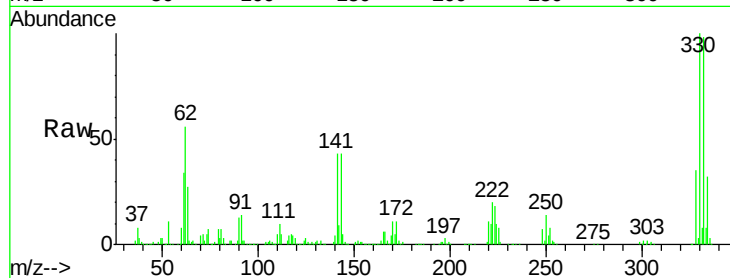




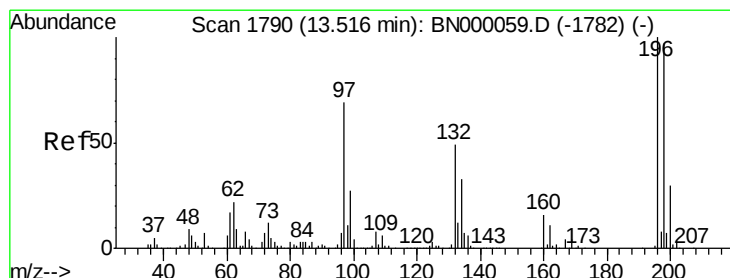
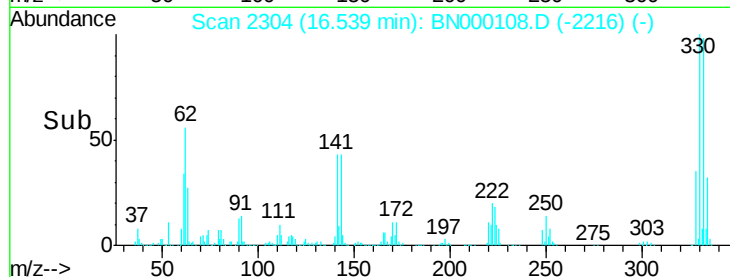
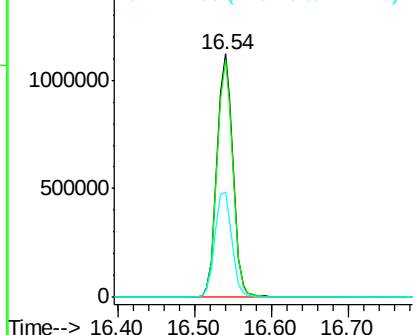
#41
 2,4,6-Tribromophenol
 Concen: 133.474 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

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

Tot Ion:330 Resp: 1590556
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 46.4 25.2 37.8#

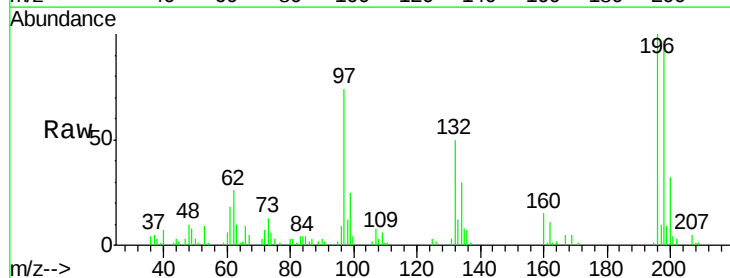


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

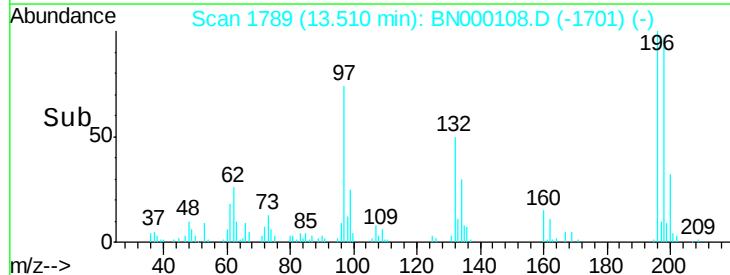
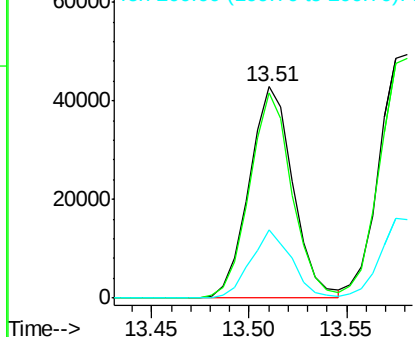


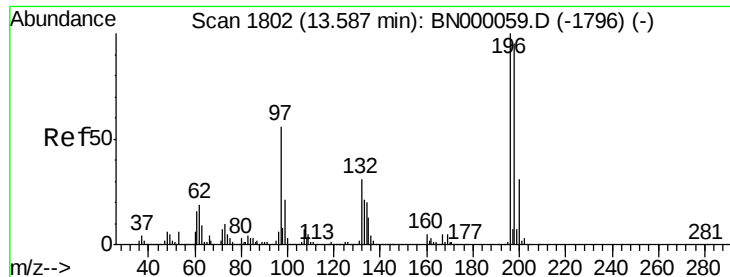
#42
 2,4,6-Trichlorophenol
 Concen: 3.125 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion:196 Resp: 66560
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.2 117.2
 200 32.1 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

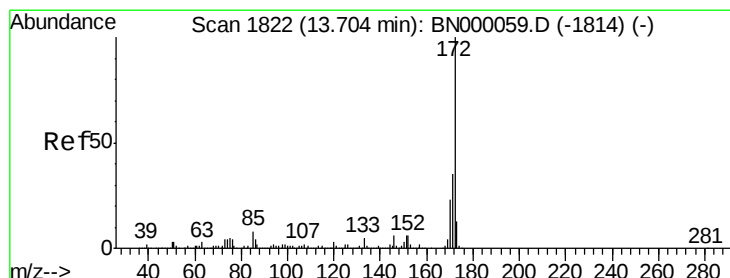
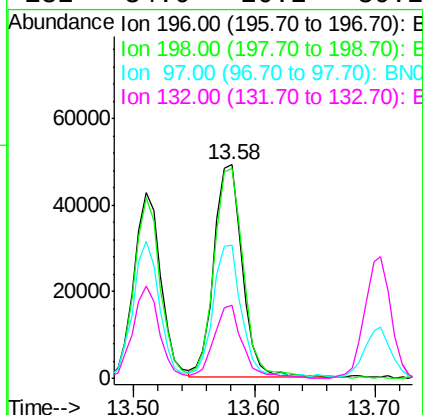
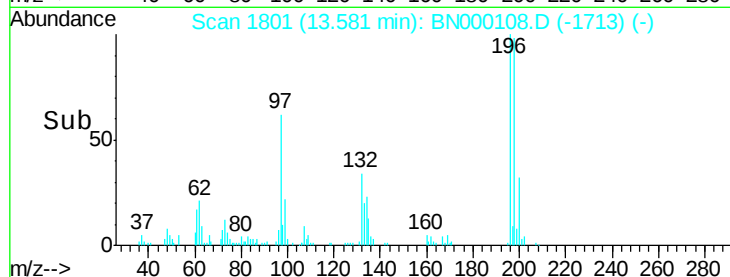
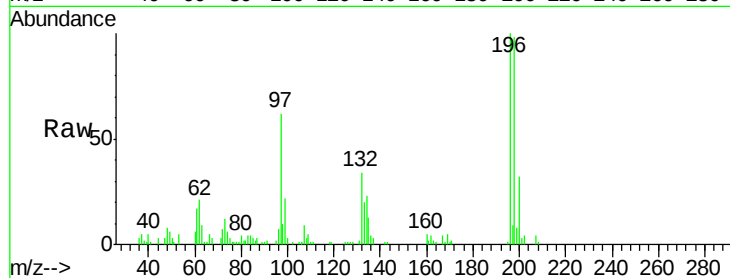




#43
 2,4,5-Trichlorophenol
 Concen: 3.117 ng
 RT: 13.58 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

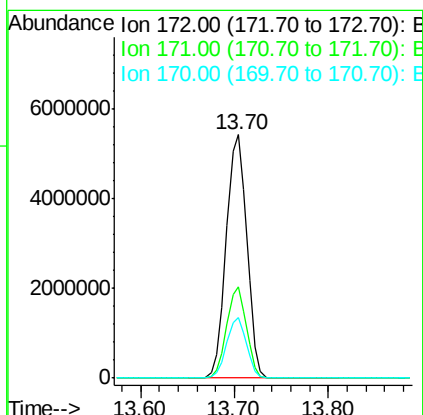
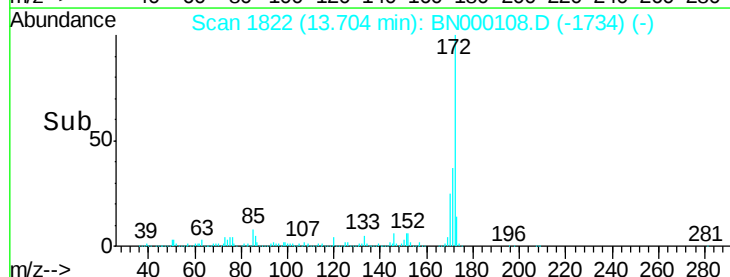
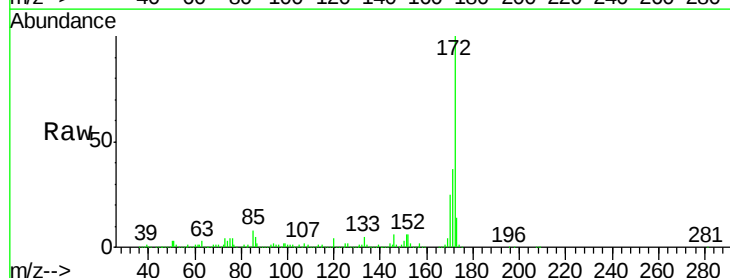
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

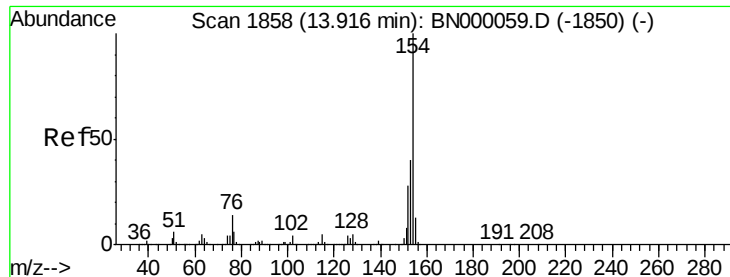
Tot Ion:196 Resp: 79802
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.2 114.4
 97 62.4 38.7 58.1#
 132 34.0 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 96.649 ng
 RT: 13.70 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion:172 Resp: 8255435
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 24.6 19.5 29.3





#45

1,1'-Biphenyl

Concen: 4.739 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

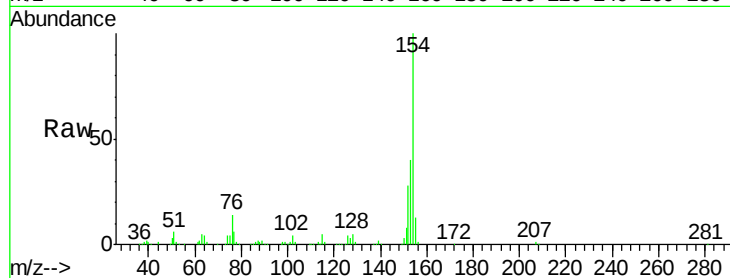
Tot Ion:154 Resp: 502453

Ion Ratio Lower Upper

154 100

153 40.2 19.8 59.8

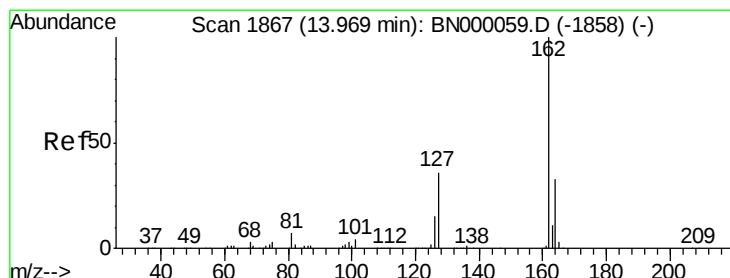
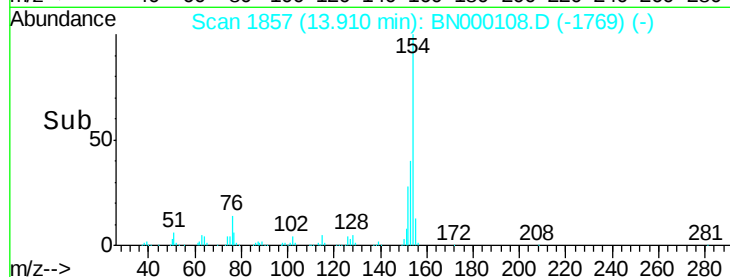
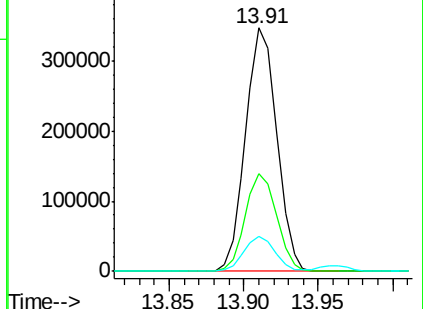
76 14.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 4.430 ng

RT: 13.96 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

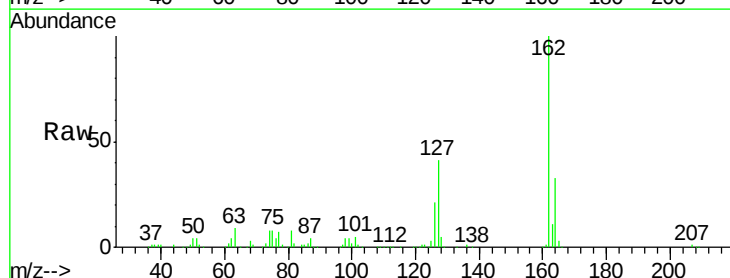
Tgt Ion:162 Resp: 352401

Ion Ratio Lower Upper

162 100

127 40.8 30.7 46.1

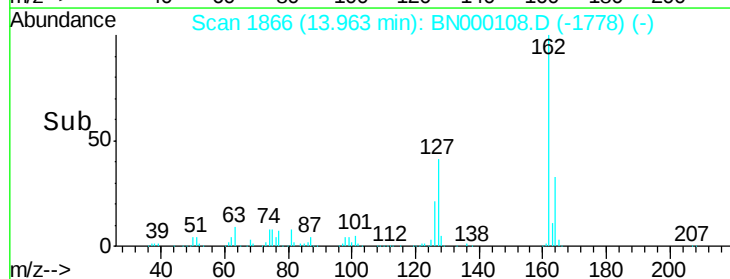
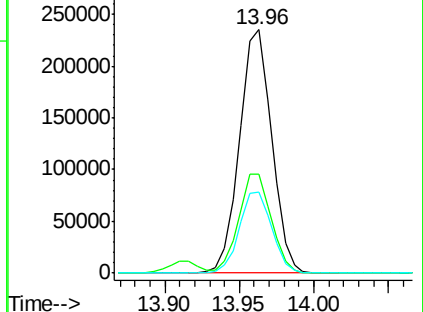
164 33.5 26.0 39.0

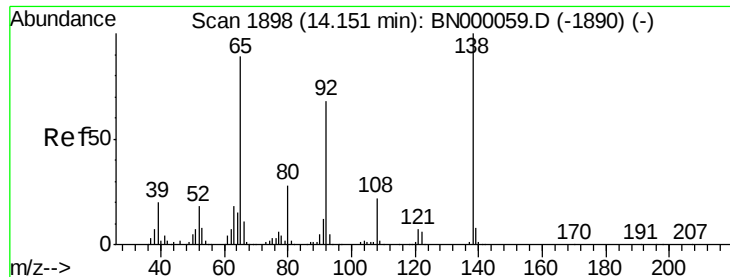


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

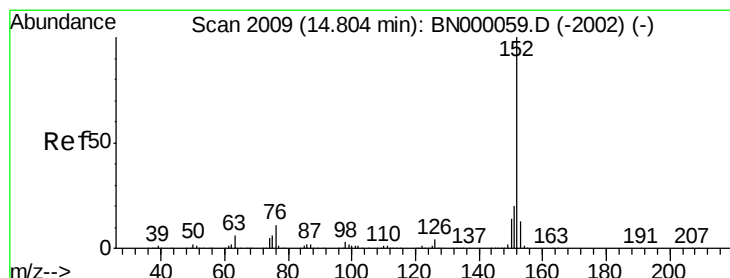
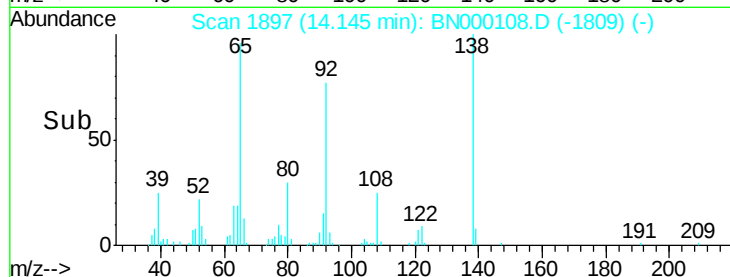
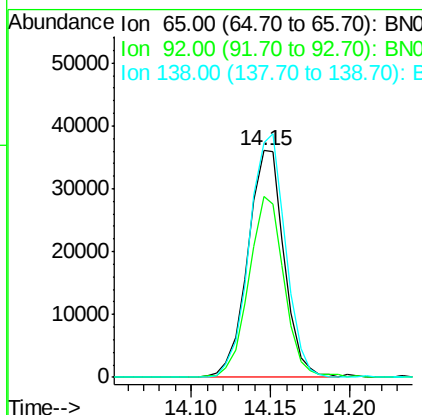
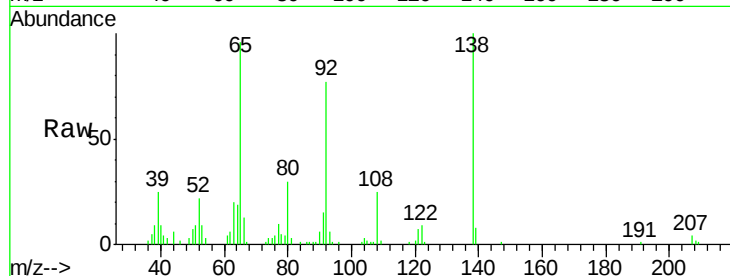




#47
2-Nitroaniline
Concen: 7.092 ng
RT: 14.15 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

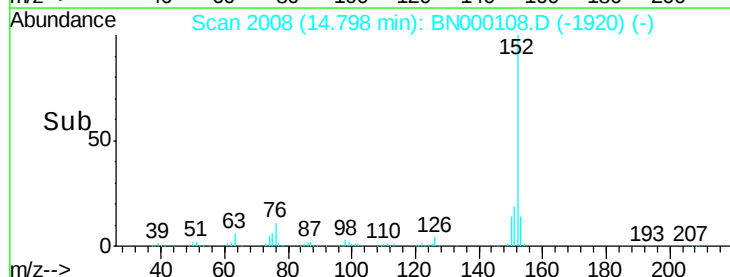
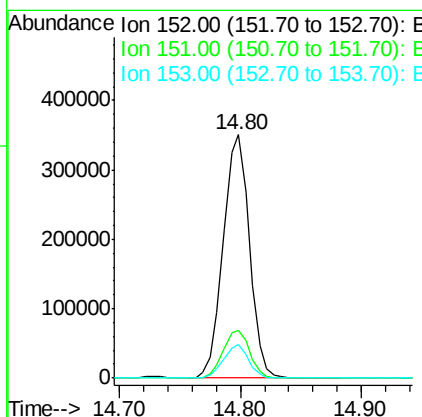
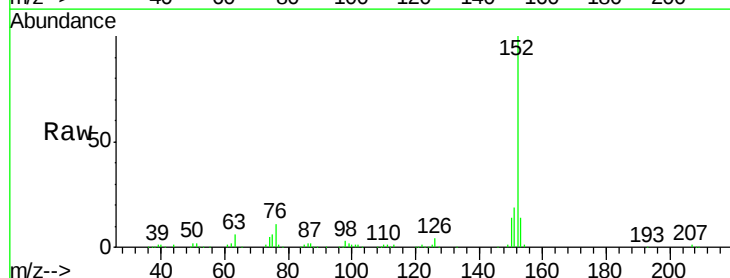
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

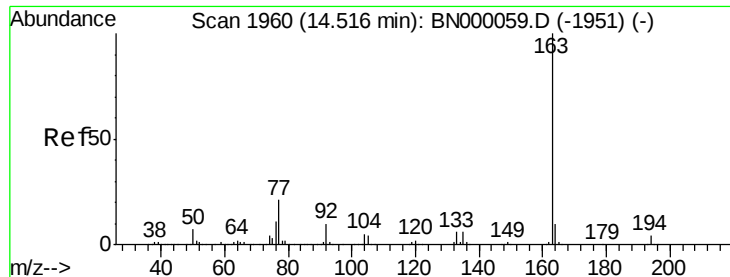
Tot Ion	Ratio	Lower	Upper
65	100		
92	79.7	54.6	82.0
138	103.7	72.9	109.3



#48
Acenaphthylene
Concen: 4.126 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.2	25.8
153	13.8	10.2	15.4





#49

Dimethylphthalate

Concen: 4.164 ng

RT: 14.50 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

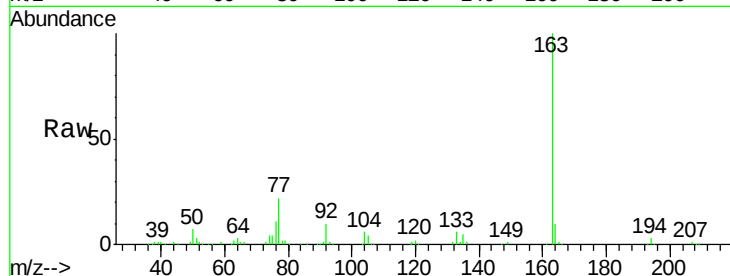
Tot Ion:163 Resp: 419064

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.2#

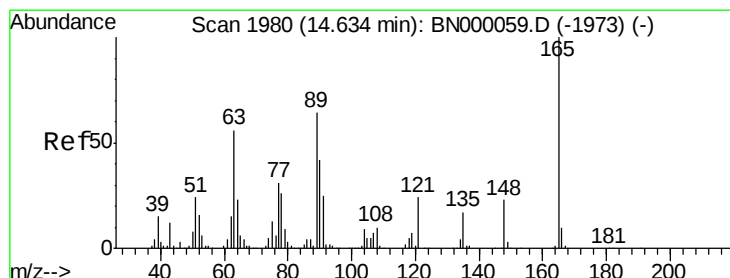
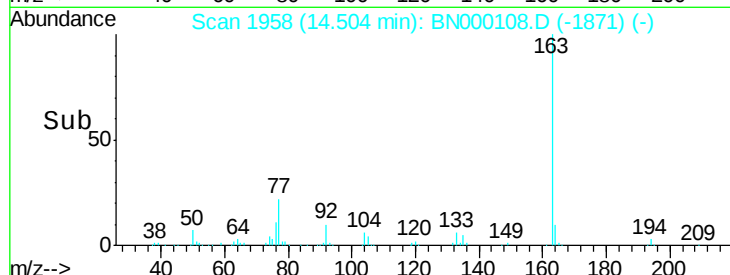
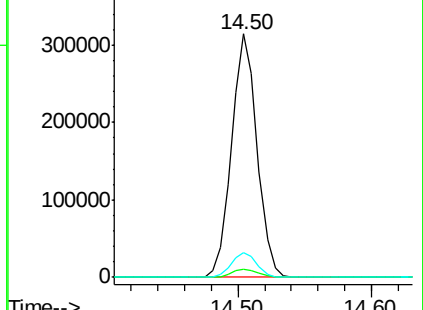
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 3.016 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

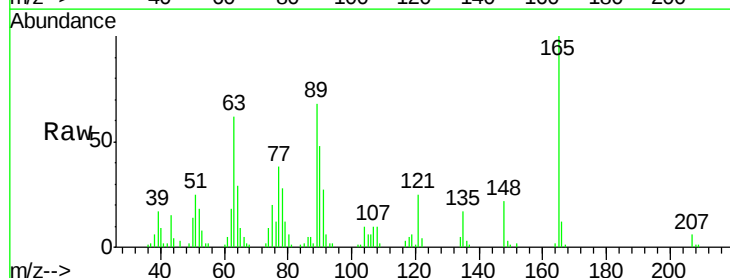
Tgt Ion:165 Resp: 62659

Ion Ratio Lower Upper

165 100

63 62.1 52.7 79.1

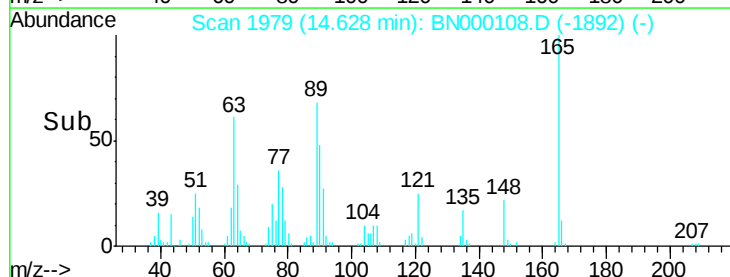
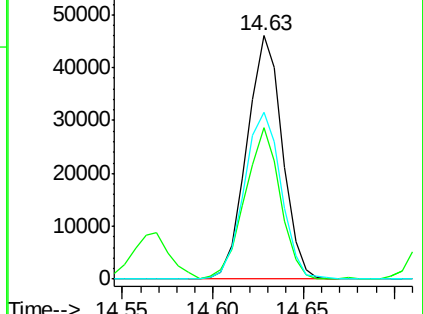
89 68.3 49.2 73.8

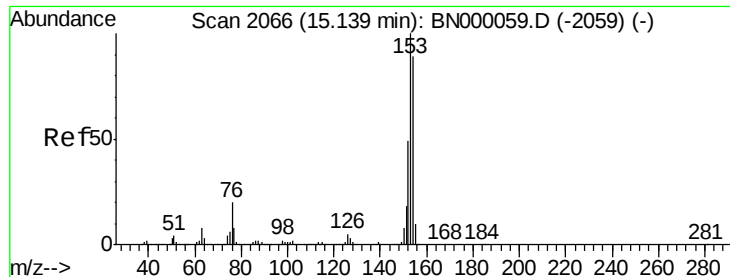


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 4.358 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

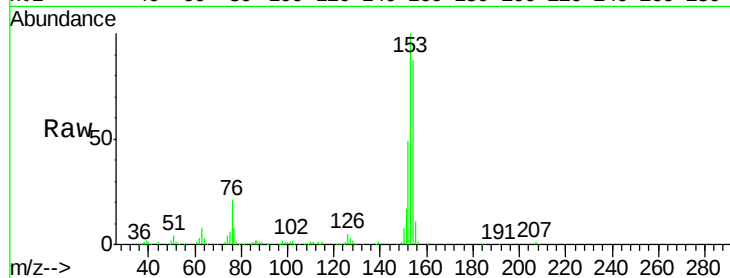
Tot Ion:154 Resp: 363635

Ion Ratio Lower Upper

154 100

153 114.5 90.4 135.6

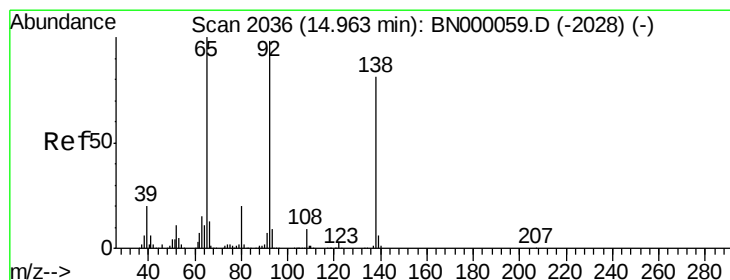
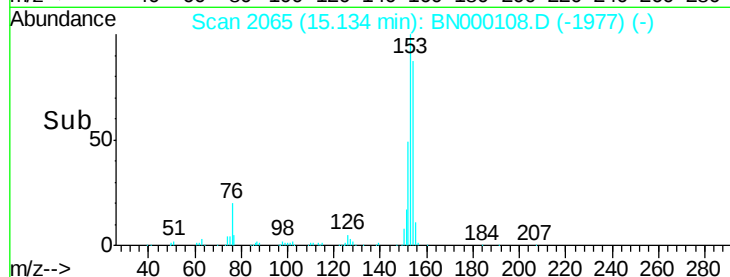
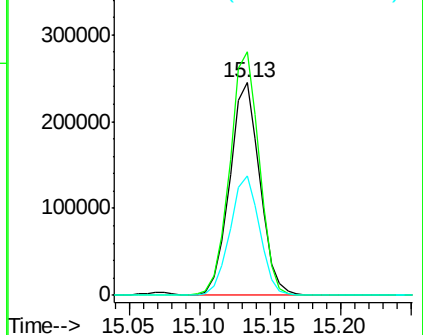
152 56.1 41.6 62.4



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



#52

3-Nitroaniline

Concen: 3.003 ng

RT: 14.96 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

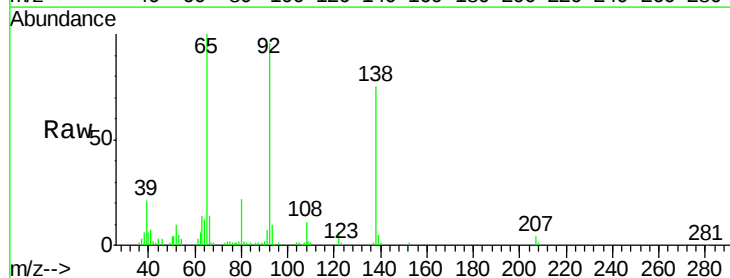
Tgt Ion:138 Resp: 75842

Ion Ratio Lower Upper

138 100

108 14.4 17.5 26.3#

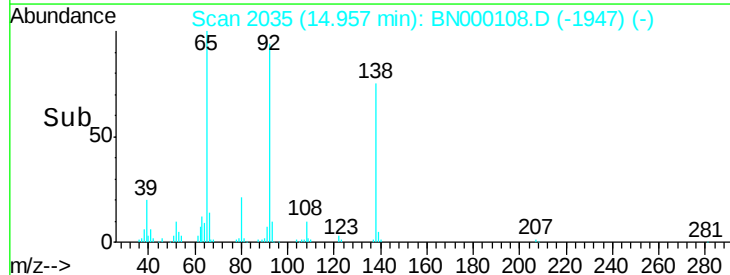
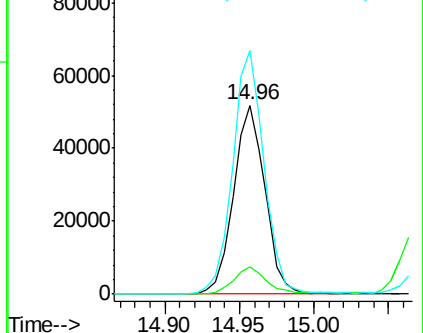
92 128.7 105.8 158.8

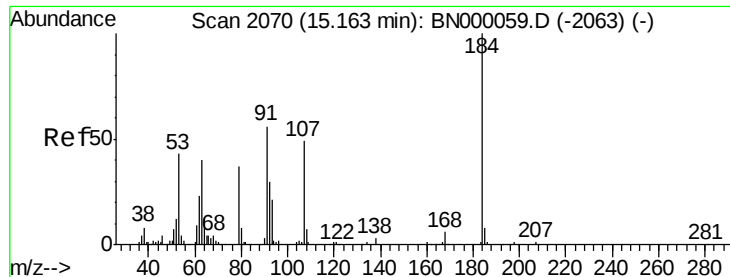


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

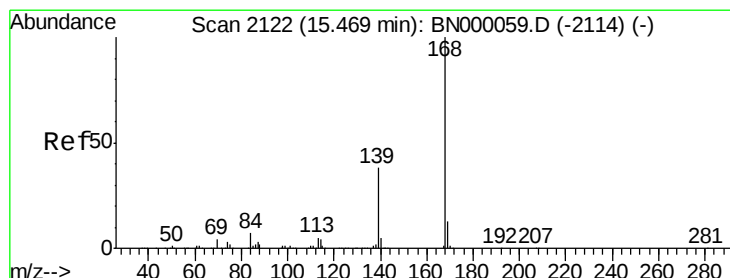
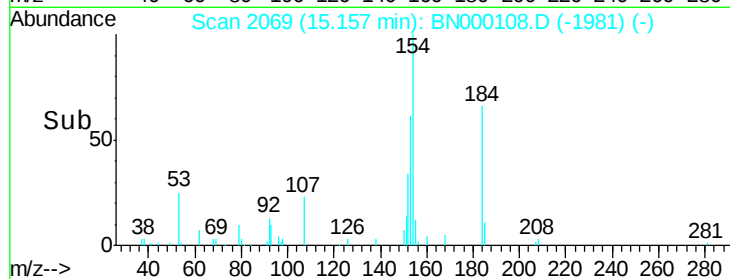
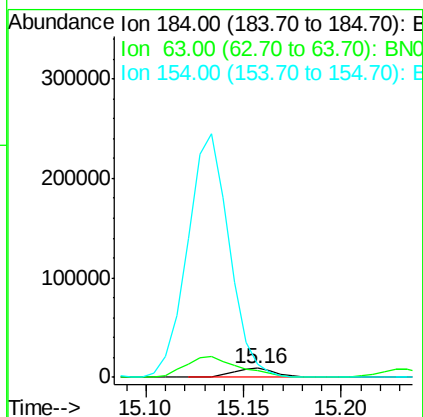
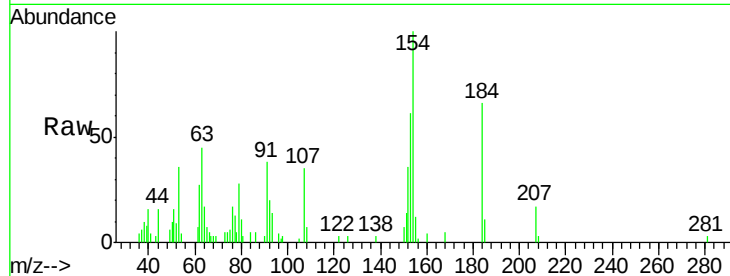




#53
 2,4-Dinitrophenol
 Concen: 10.910 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

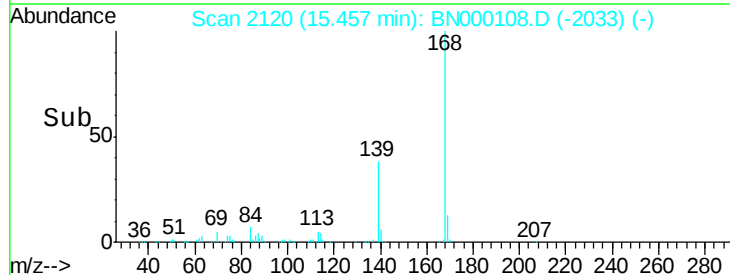
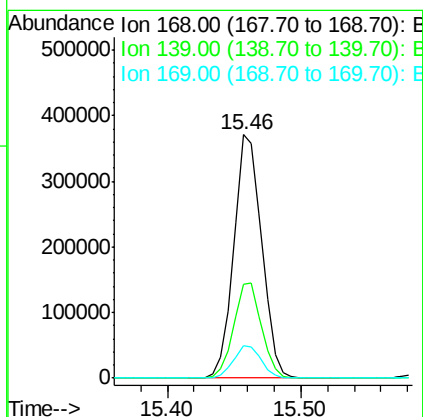
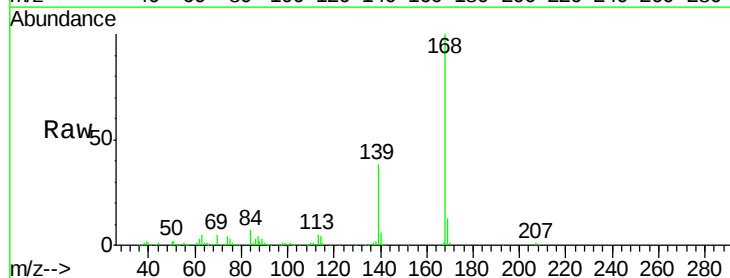
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

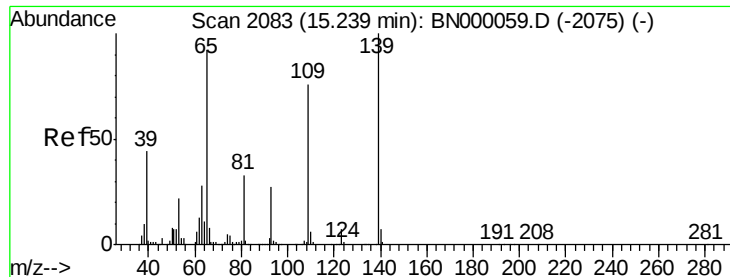
Tot Ion:184 Resp: 14015
 Ion Ratio Lower Upper
 184 100
 63 68.7 80.0 120.0#
 154 151.1 308.0 462.0#



#54
 Dibenzofuran
 Concen: 4.552 ng
 RT: 15.46 min Scan# 2120
 Delta R.T. -0.02 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion:168 Resp: 537821
 Ion Ratio Lower Upper
 168 100
 139 38.3 28.6 43.0
 169 13.1 11.2 16.8

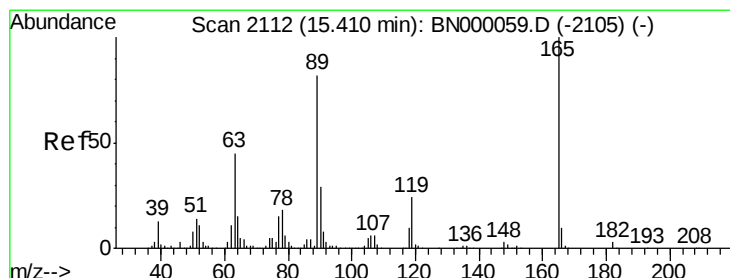
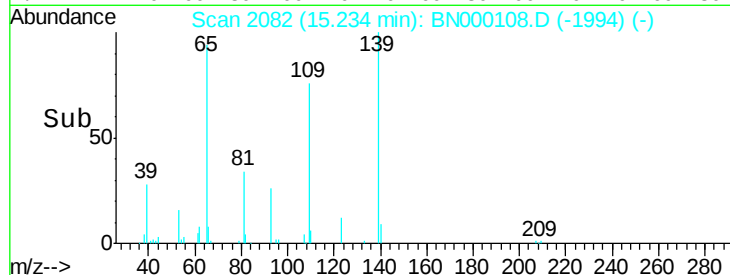
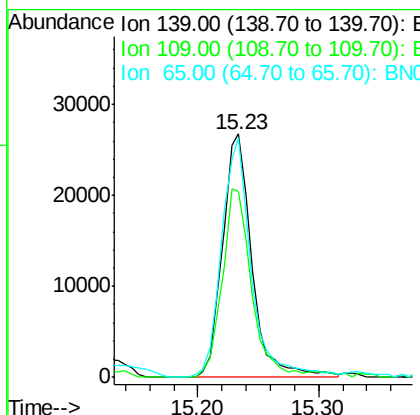
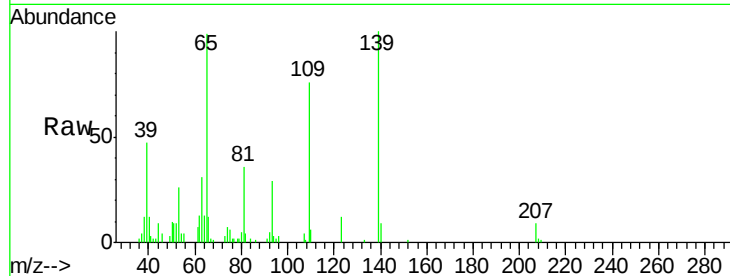




#55
4-Nitrophenol
Concen: 7.024 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

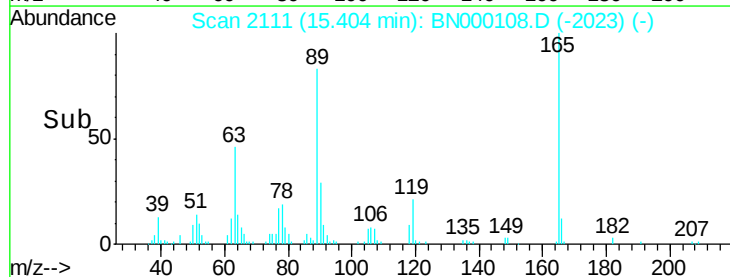
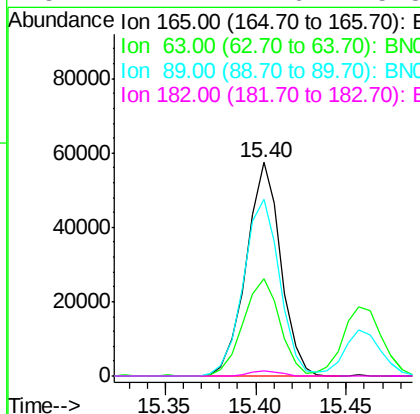
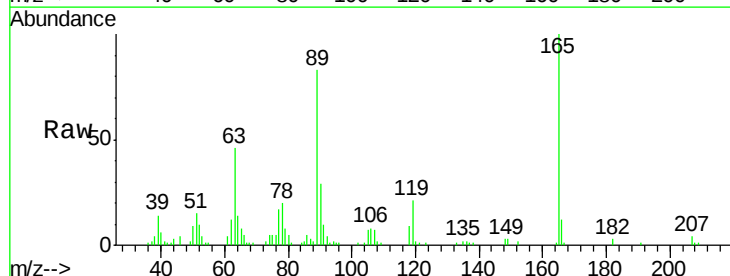
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

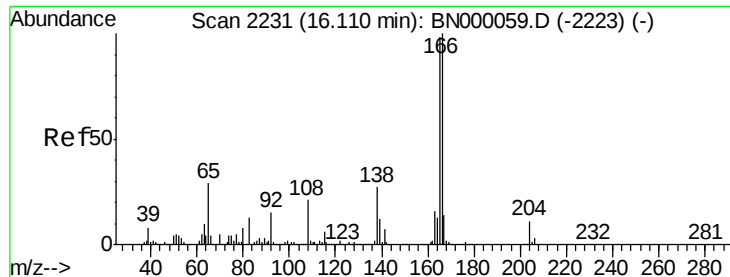
Tot Ion:139 Resp: 45175
Ion Ratio Lower Upper
139 100
109 76.2 62.2 102.2
65 98.7 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 6.515 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:165 Resp: 75973
Ion Ratio Lower Upper
165 100
63 45.7 42.0 63.0
89 82.8 66.9 100.3
182 2.7 2.6 3.8





#57

Fluorene

Concen: 4.538 ng

RT: 16.10 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

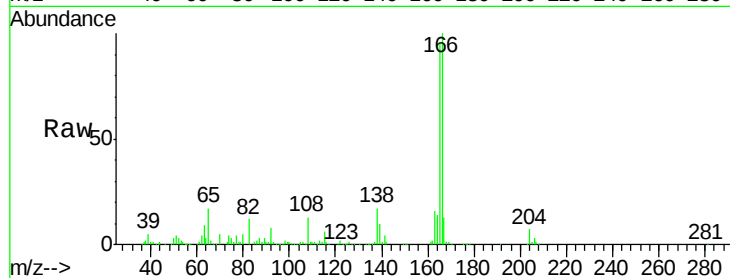
Tot Ion:166 Resp: 437881

Ion Ratio Lower Upper

166 100

165 95.6 80.6 121.0

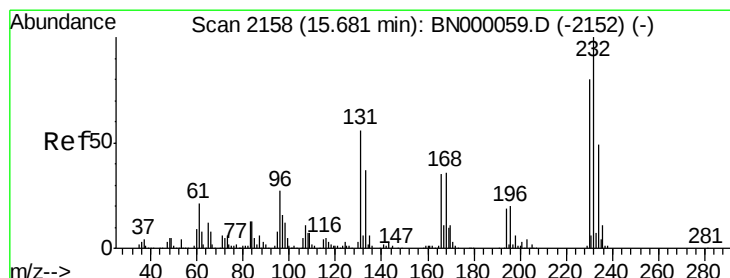
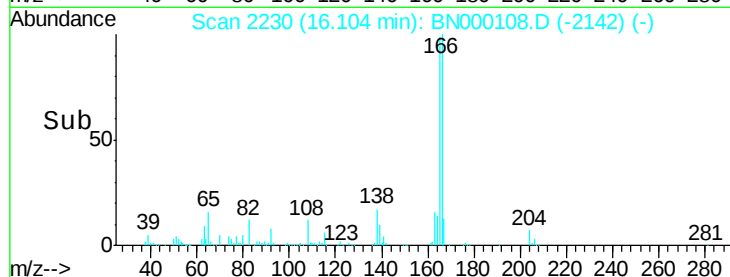
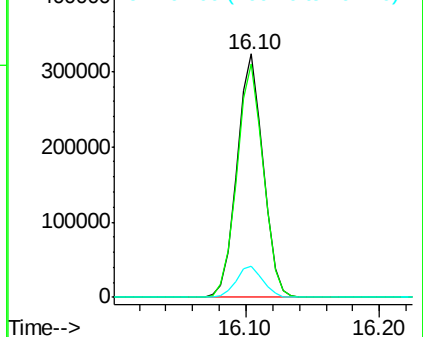
167 13.0 10.4 15.6



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.425 ng

RT: 15.67 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Tgt Ion:232 Resp: 69196

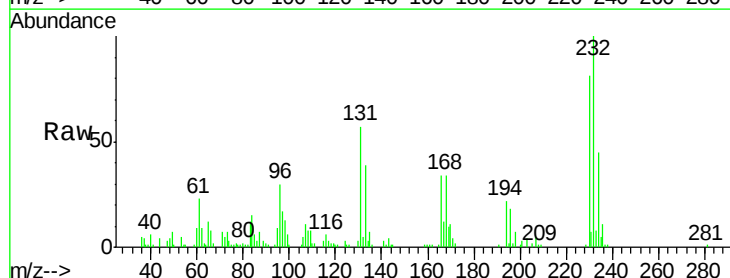
Ion Ratio Lower Upper

232 100

131 53.7 33.5 50.3#

130 3.0 2.2 3.2

166 34.7 24.8 37.2

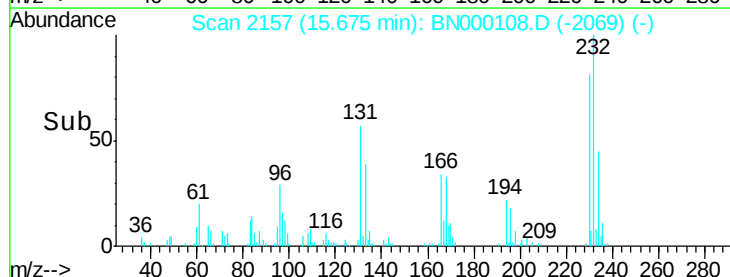
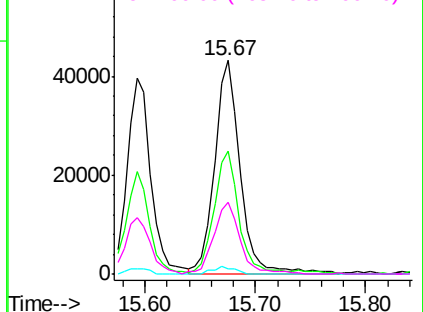


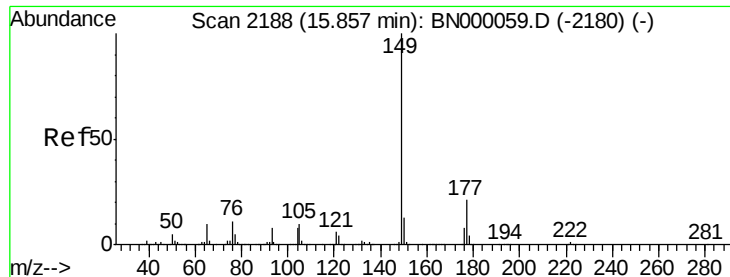
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 4.023 ng

RT: 15.85 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

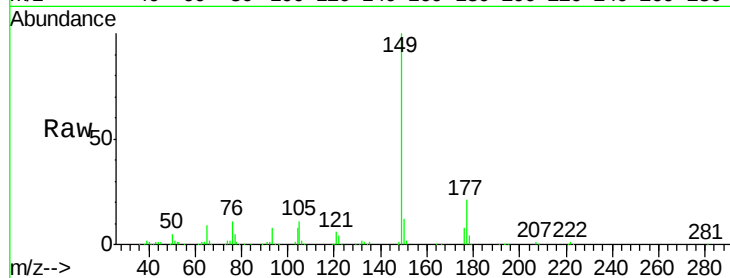
Tot Ion:149 Resp: 411454

Ion Ratio Lower Upper

149 100

177 21.0 18.5 27.7

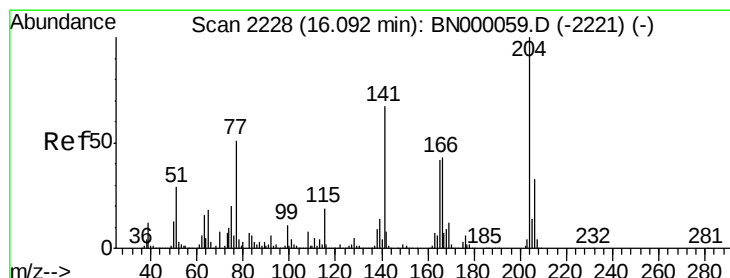
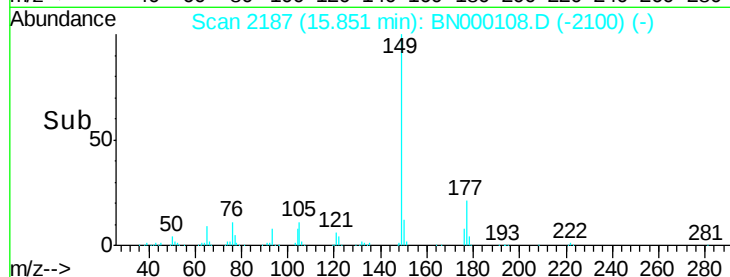
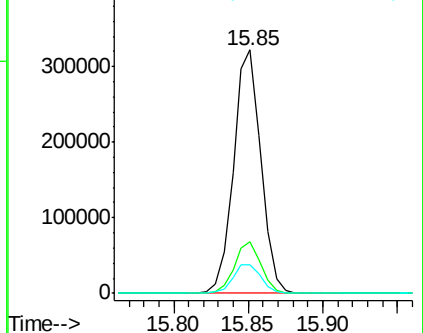
150 11.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 4.569 ng

RT: 16.09 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

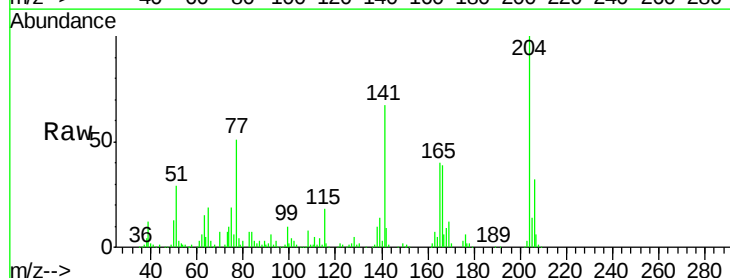
Tgt Ion:204 Resp: 200882

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

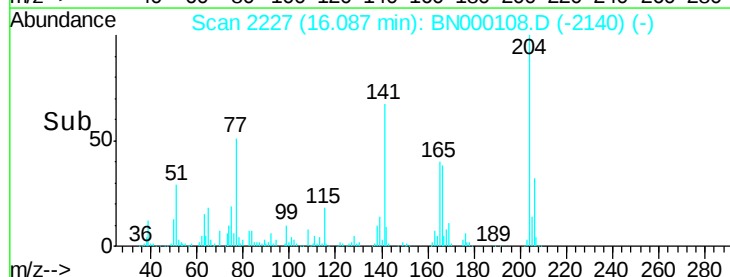
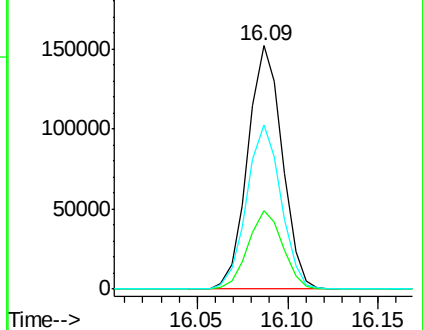
141 67.4 45.8 68.6

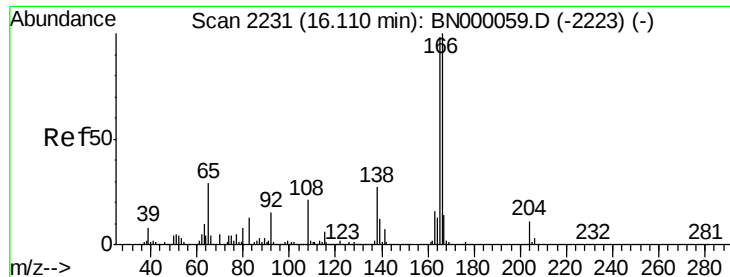


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

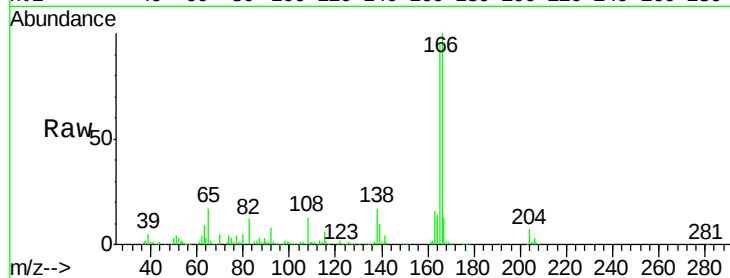




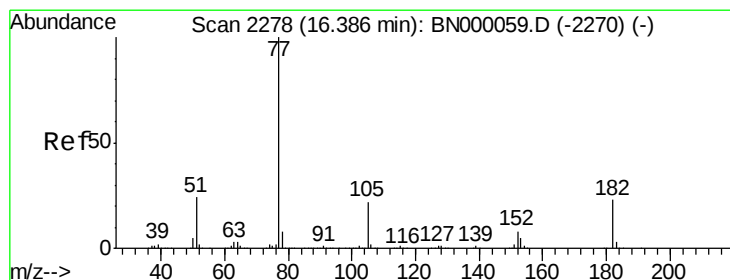
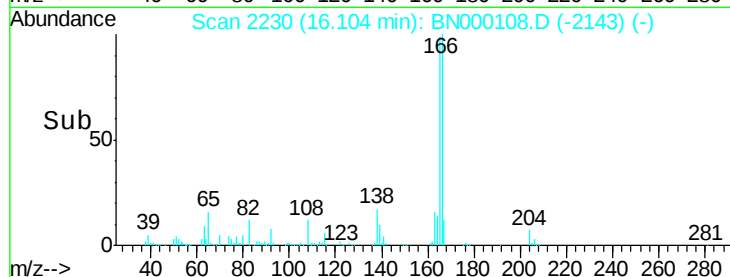
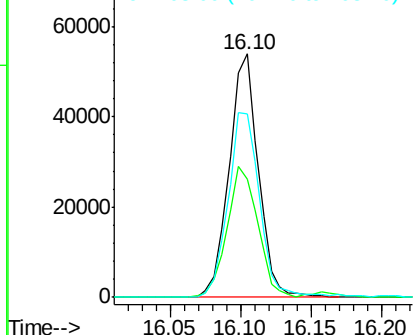
#61
4-Nitroaniline
Concen: 2.992 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

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

Tot Ion:138 Resp: 77650
Ion Ratio Lower Upper
138 100
92 48.5 40.1 80.1
108 75.3 65.4 105.4

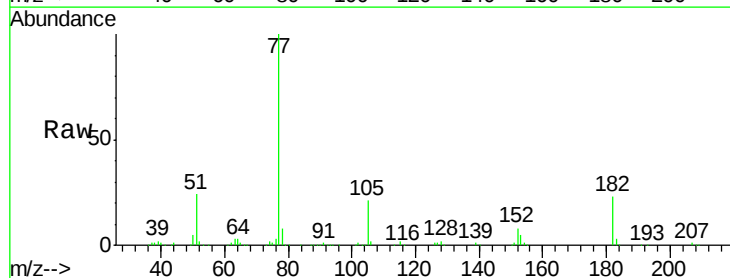


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNC
Ion 108.00 (107.70 to 108.70): E

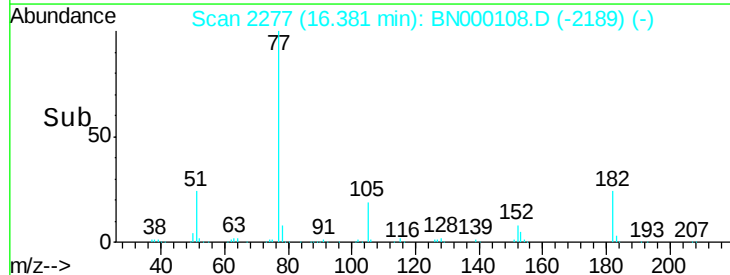
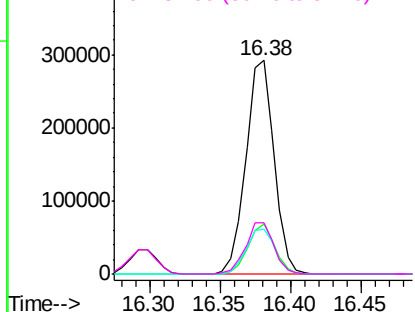


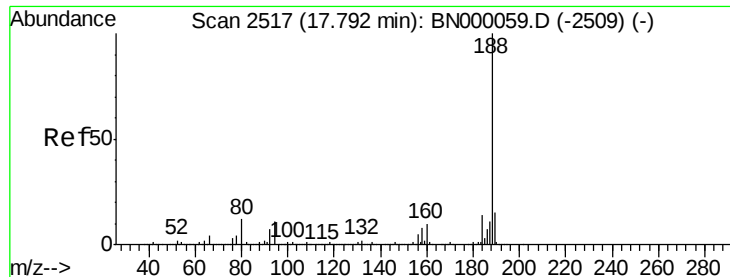
#62
Azobenzene
Concen: 4.028 ng
RT: 16.38 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion: 77 Resp: 410102
Ion Ratio Lower Upper
77 100
182 23.2 7.4 47.4
105 21.3 0.3 40.3
51 23.9 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BNC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.79 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

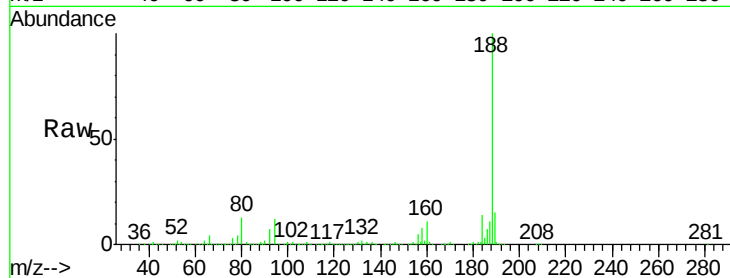
Tot Ion:188 Resp: 2625289

Ion Ratio Lower Upper

188 100

94 11.8 6.9 10.3#

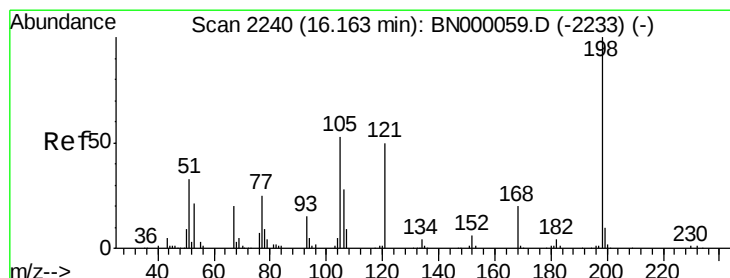
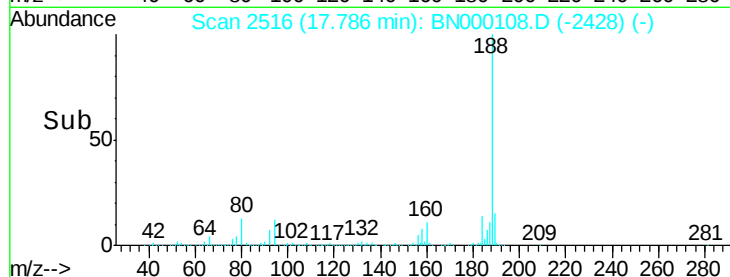
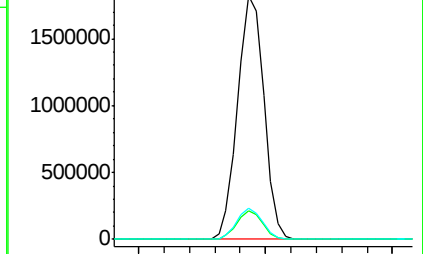
80 12.8 7.7 11.5#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 10.370 ng

RT: 16.16 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

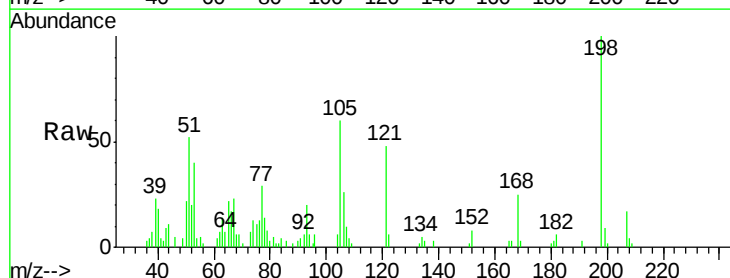
Tgt Ion:198 Resp: 25256

Ion Ratio Lower Upper

198 100

51 51.5 30.6 70.6

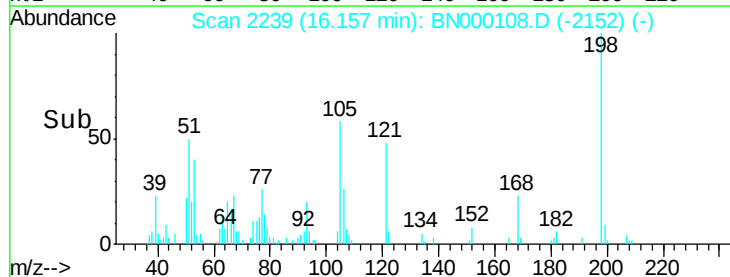
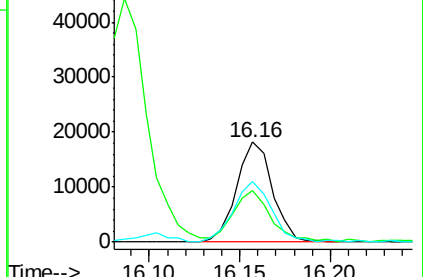
105 60.2 23.8 63.8

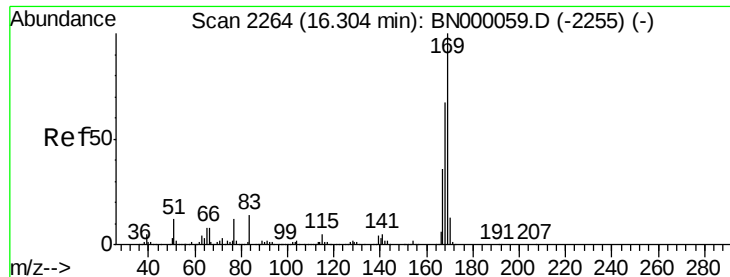


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

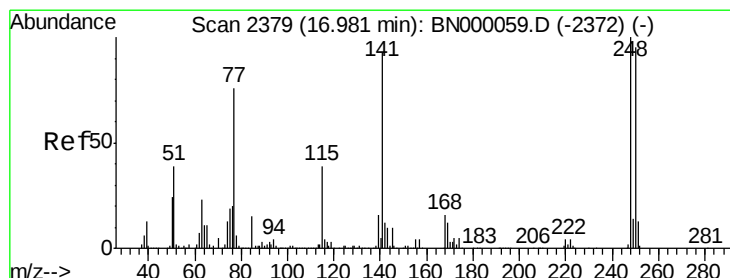
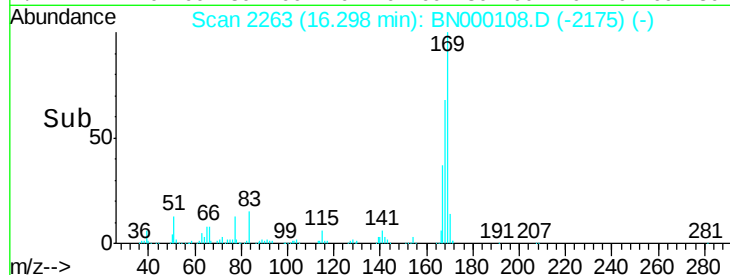
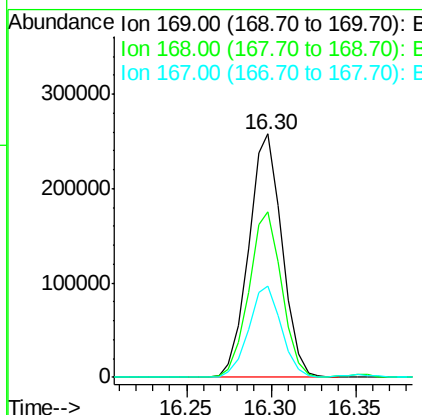
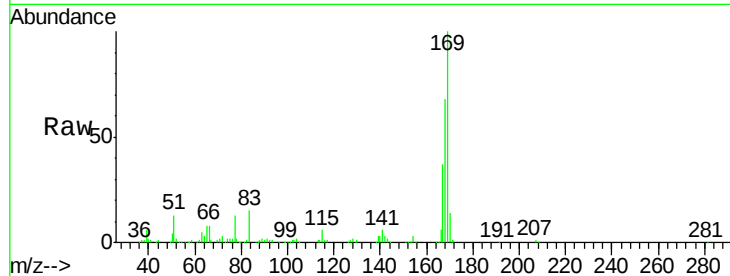




#65
n-Nitrosodiphenylamine
Concen: 4.134 ng
RT: 16.30 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

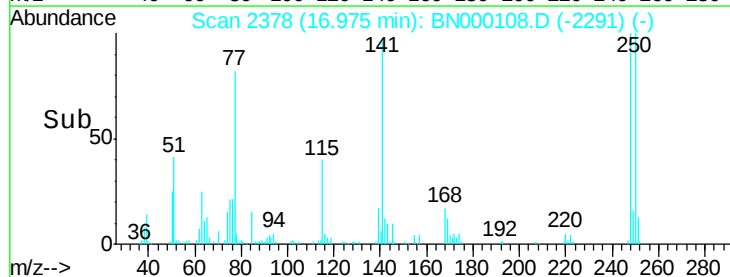
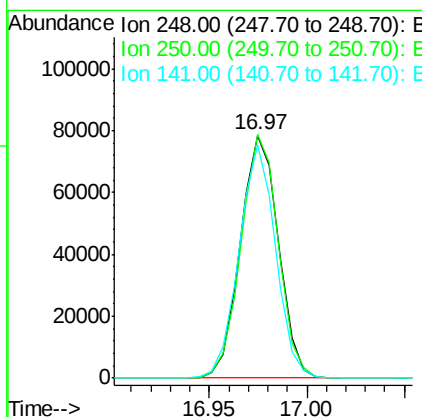
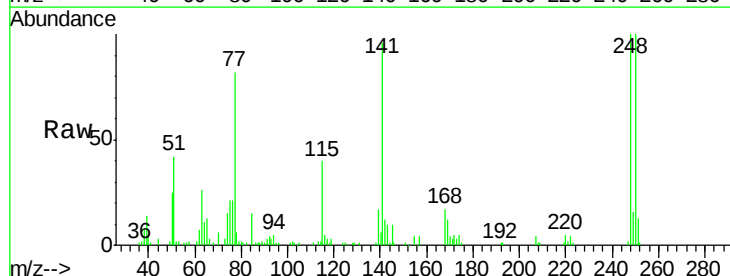
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

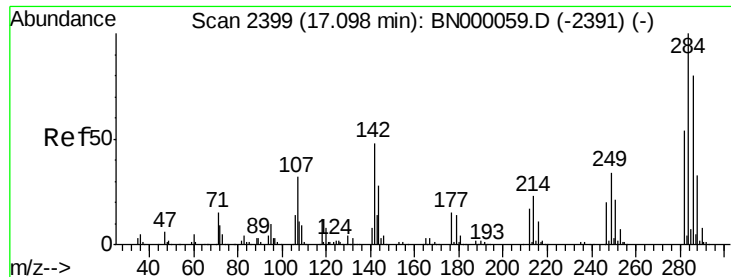
Tot Ion:169 Resp: 353177
Ion Ratio Lower Upper
169 100
168 68.1 55.7 83.5
167 37.5 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 4.228 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:248 Resp: 105564
Ion Ratio Lower Upper
248 100
250 100.2 77.1 115.7
141 96.2 50.8 76.2#

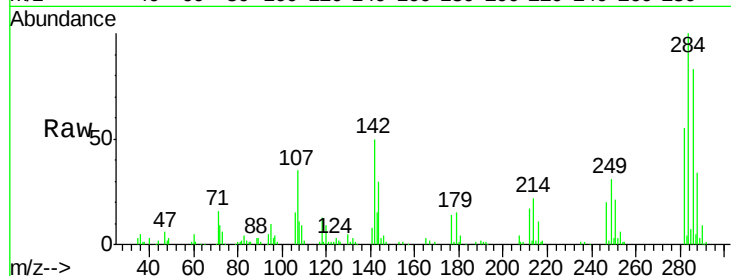




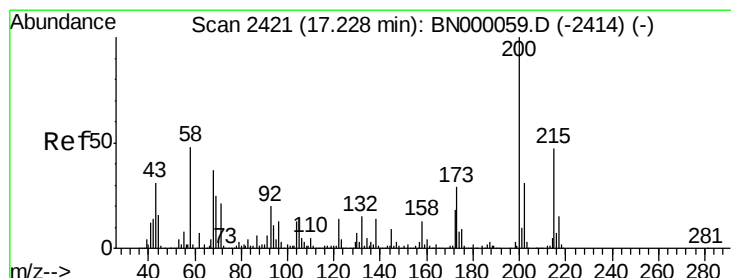
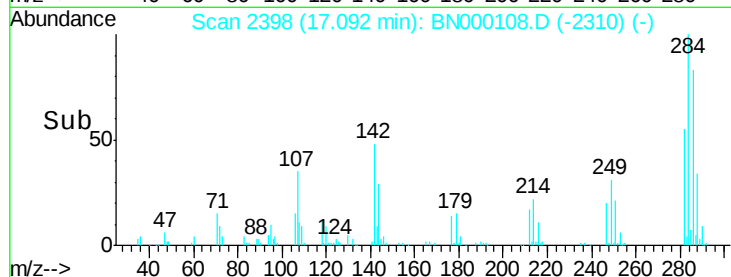
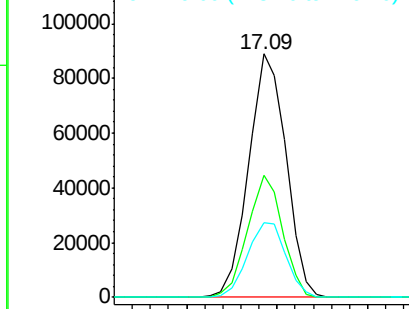
#67
Hexachlorobenzene
Concen: 4.358 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

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

Tot Ion:284 Resp: 127057
Ion Ratio Lower Upper
284 100
142 49.9 26.8 40.2#
249 30.9 26.3 39.5

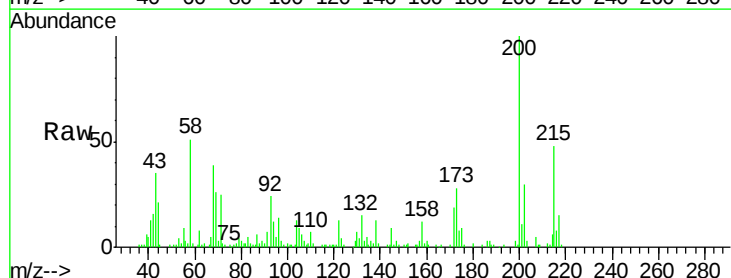


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

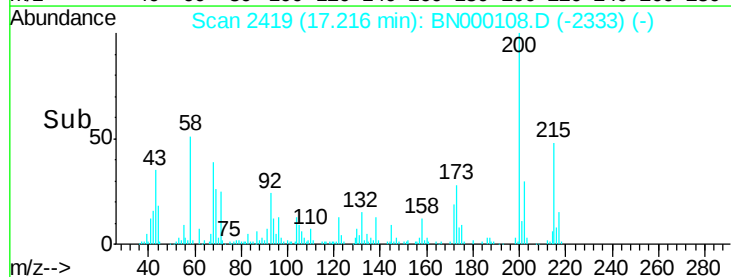
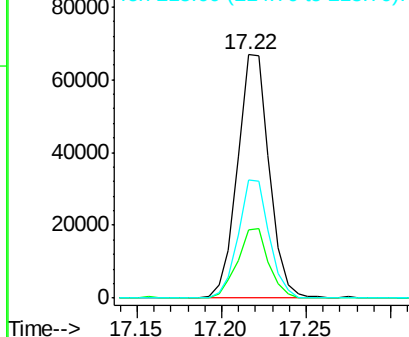


#68
Atrazine
Concen: 3.149 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:200 Resp: 87543
Ion Ratio Lower Upper
200 100
173 28.2 5.2 45.2
215 48.5 30.4 70.4



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

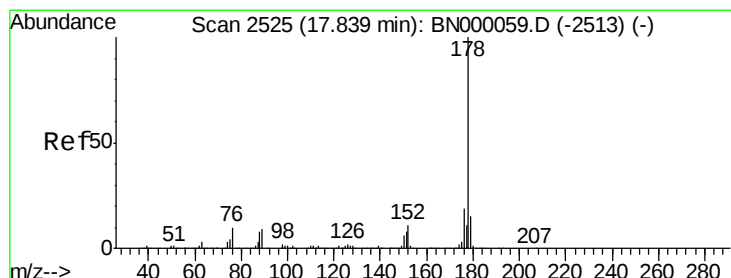
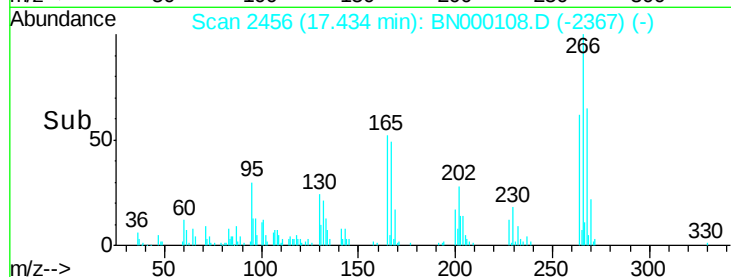
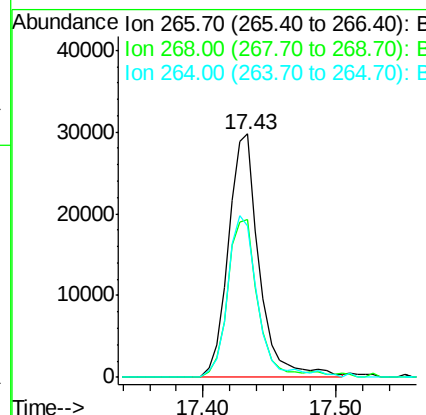
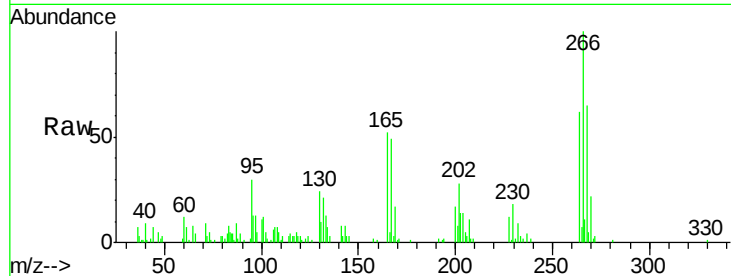




#69
 Pentachlorophenol
 Concen: 8.066 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

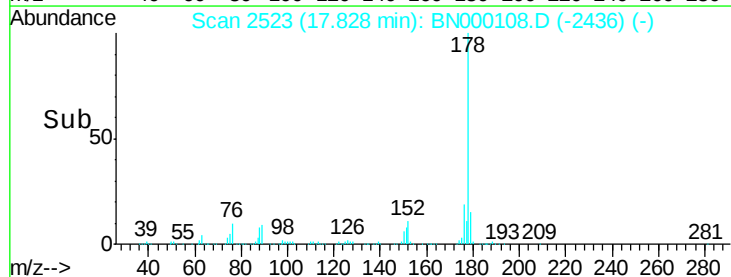
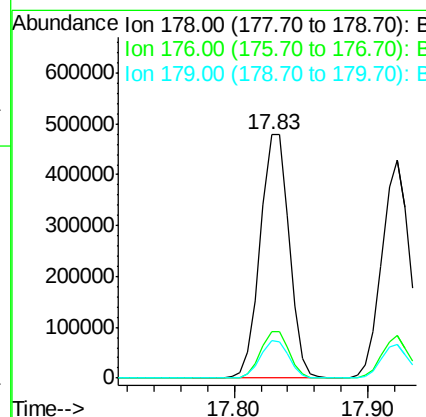
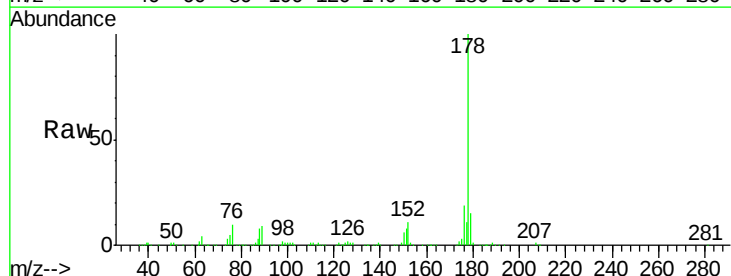
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

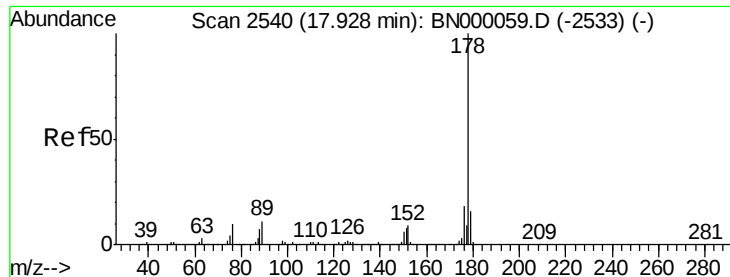
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	62.3	49.6	74.4



#70
 Phenanthrene
 Concen: 4.627 ng
 RT: 17.83 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.2	12.5	18.7

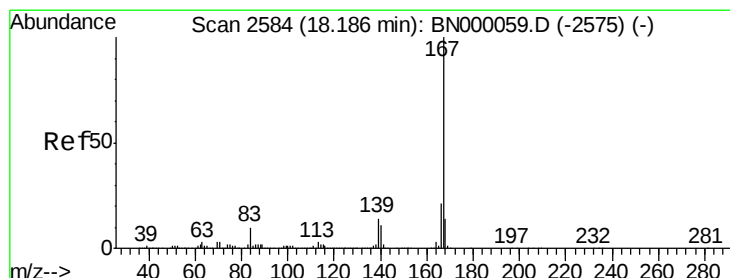
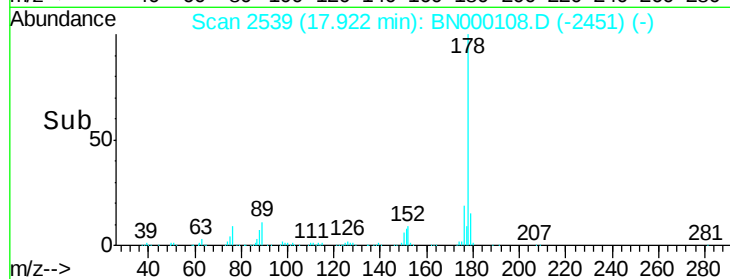
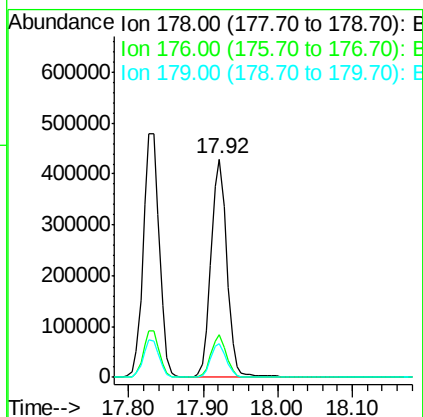
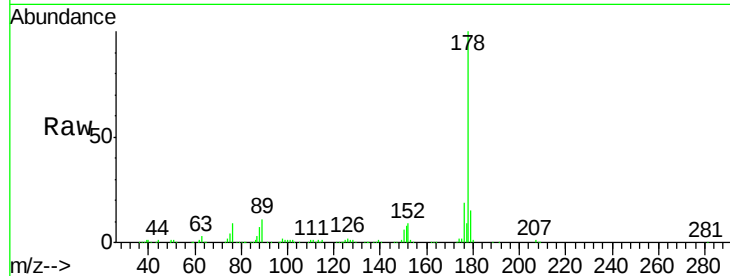




#71
 Anthracene
 Concen: 4.211 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

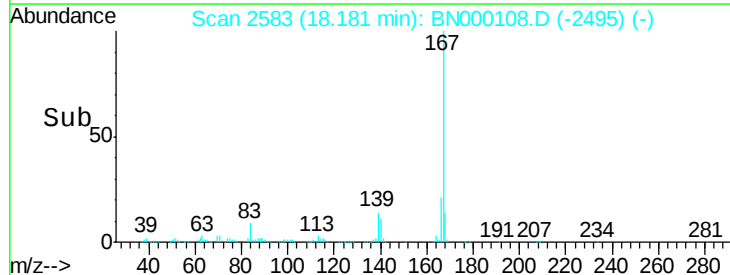
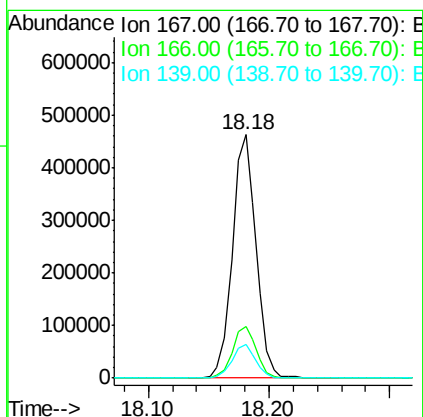
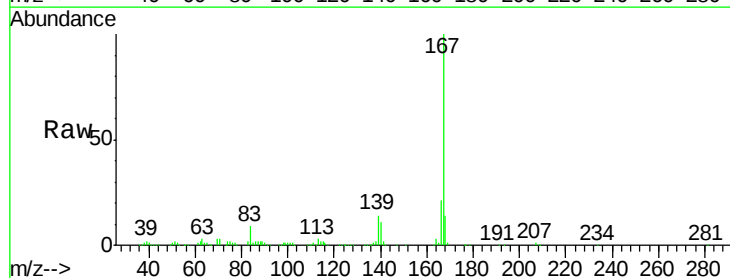
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

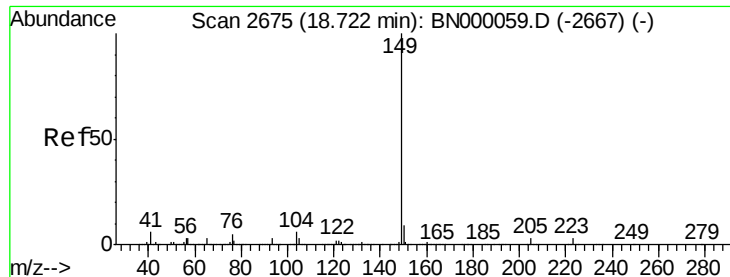
Tot Ion:178 Resp: 632233
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 4.161 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion:167 Resp: 629495
 Ion Ratio Lower Upper
 167 100
 166 21.1 18.2 27.4
 139 13.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 3.261 ng

RT: 18.71 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

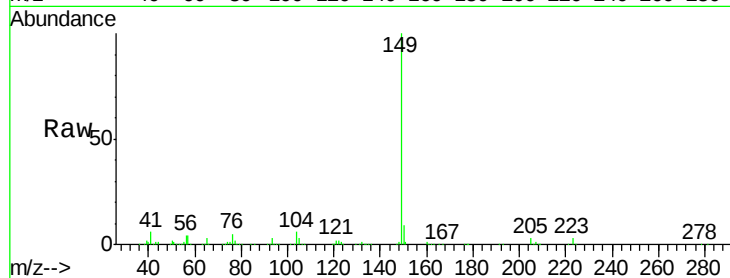
Tot Ion:149 Resp: 544509

Ion Ratio Lower Upper

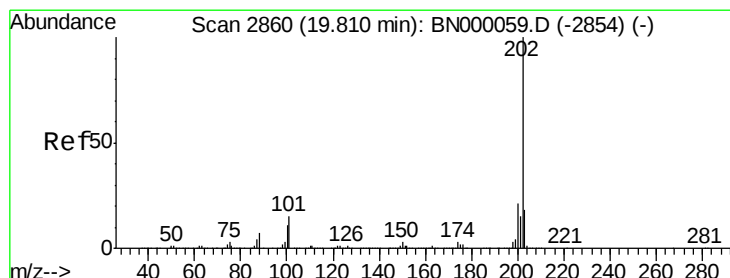
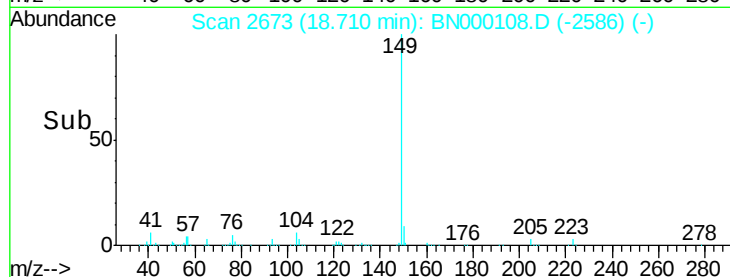
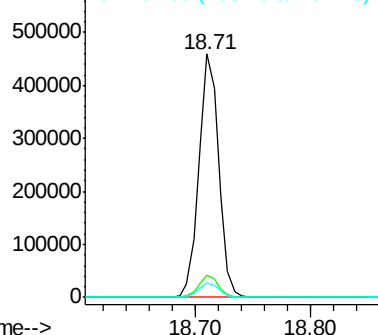
149 100

150 9.1 7.8 11.6

104 6.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 4.267 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

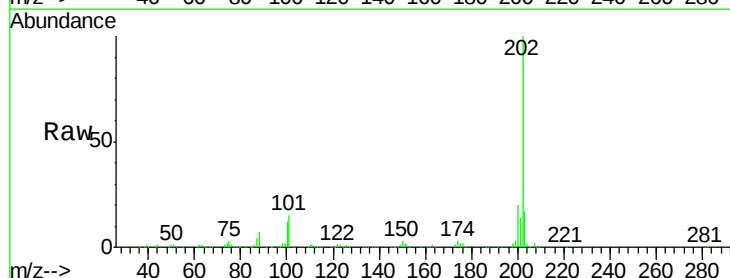
Tgt Ion:202 Resp: 694212

Ion Ratio Lower Upper

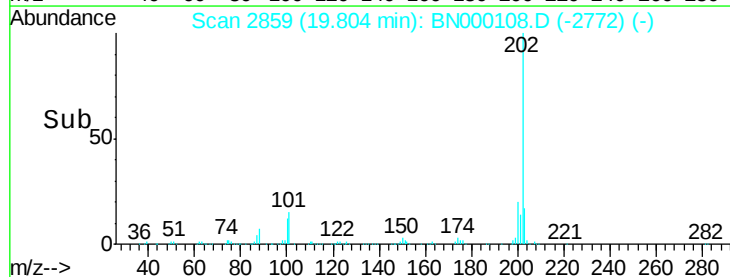
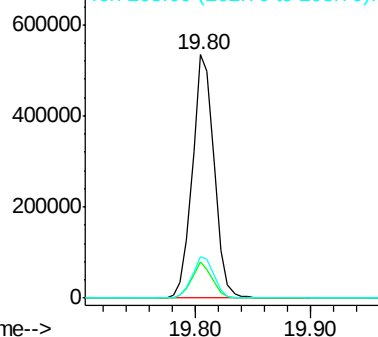
202 100

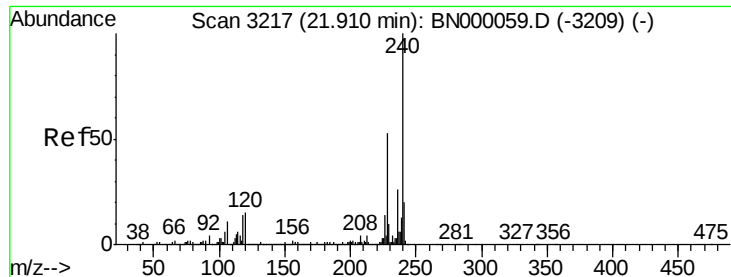
101 14.8 0.0 28.9

203 17.1 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

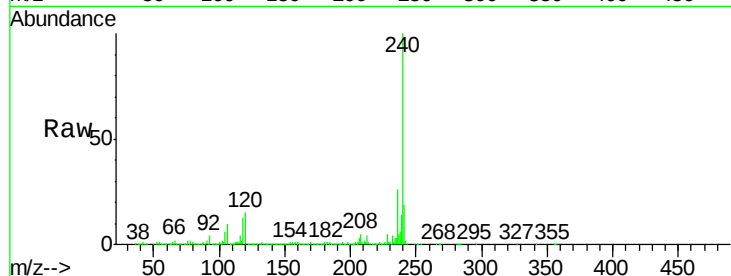
Tot Ion:240 Resp: 2774738

Ion Ratio Lower Upper

240 100

120 14.7 6.8 10.2#

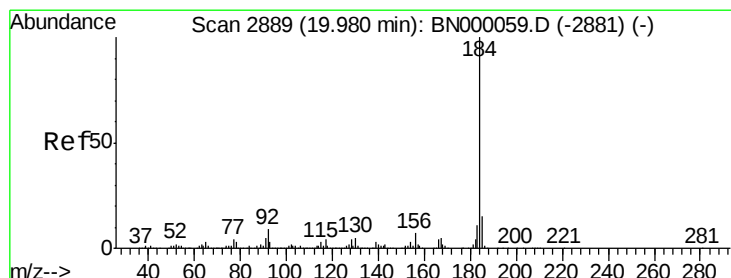
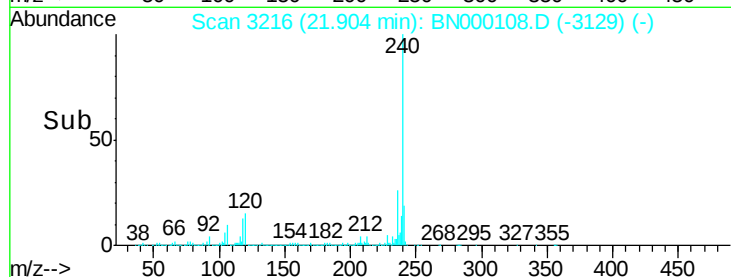
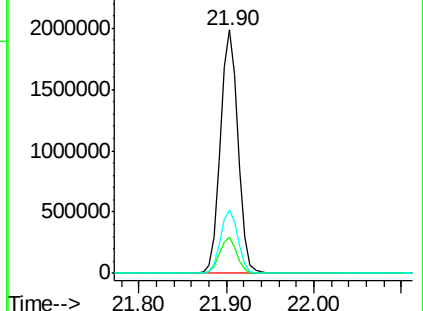
236 26.0 20.9 31.3



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



#76

Benzidine

Concen: 1.624 ng m

RT: 19.97 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

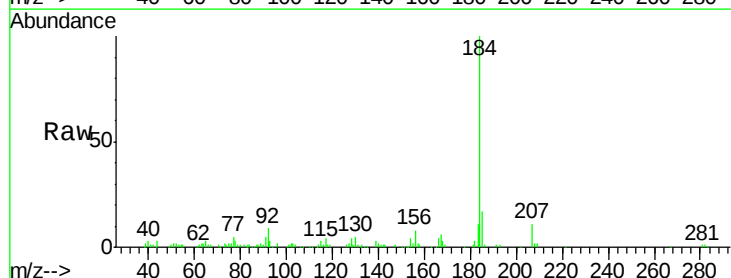
Tgt Ion:184 Resp: 143668

Ion Ratio Lower Upper

184 100

185 17.2 11.1 16.7#

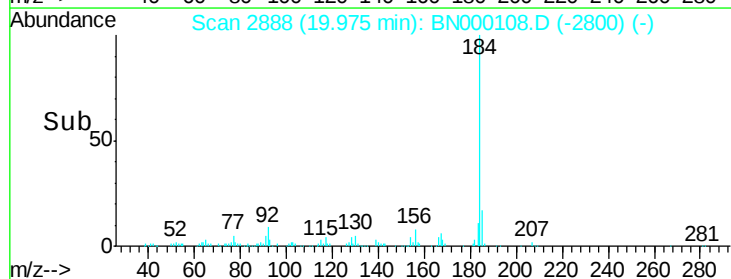
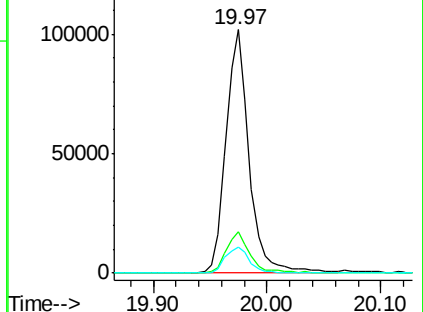
183 10.8 10.6 16.0

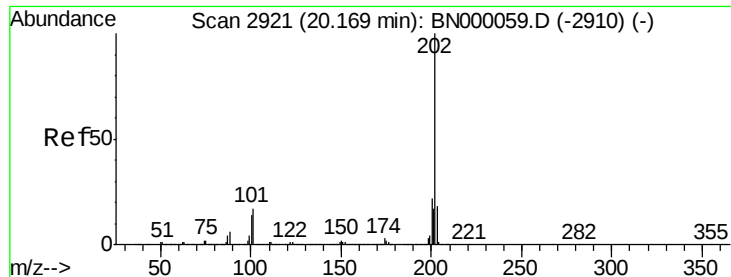


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

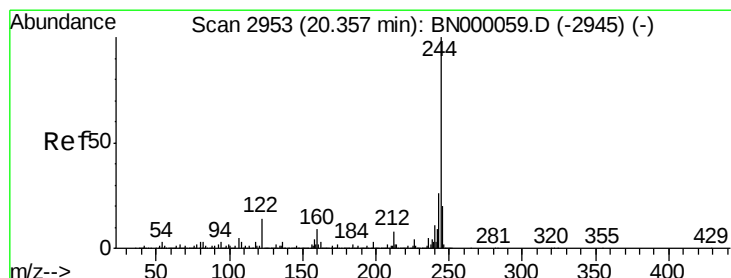
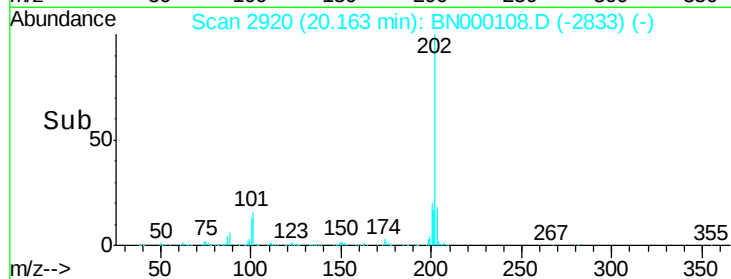
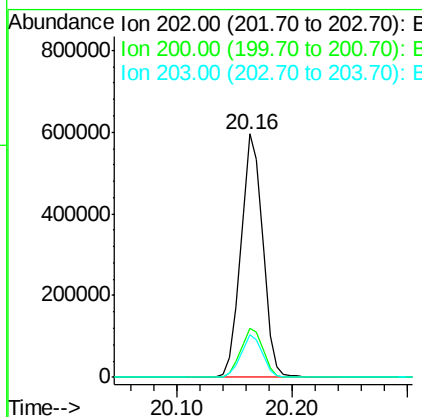
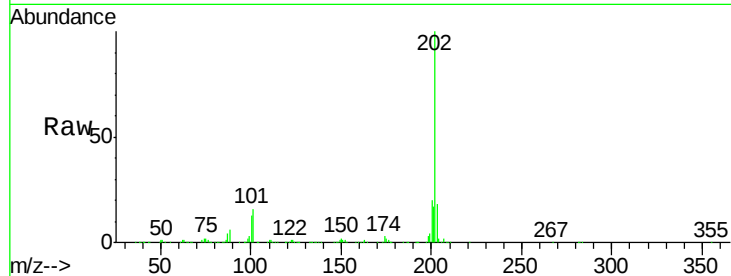




#77
Pvrene
Concen: 4.432 ng
RT: 20.16 min Scan# 2920
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

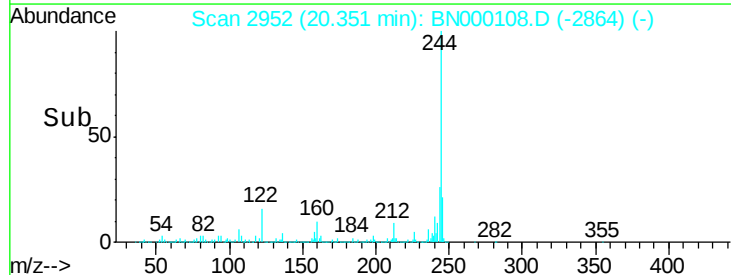
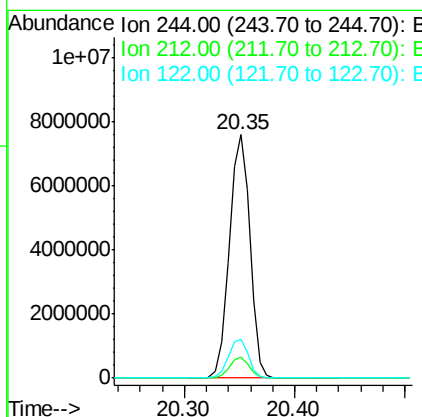
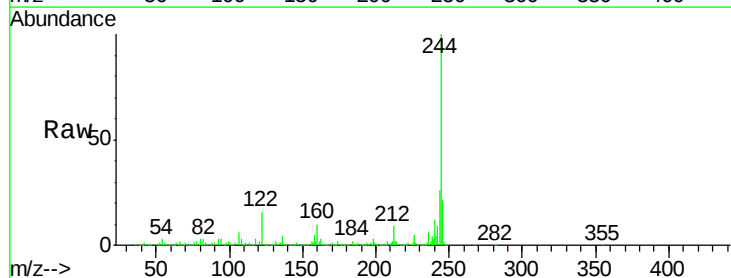
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

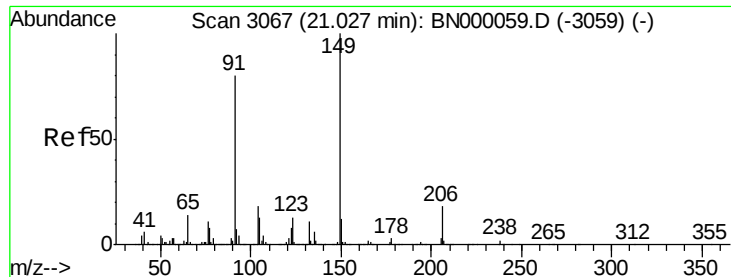
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	17.7	13.9	20.9



#78
Terphenyl-d14
Concen: 96.641 ng
RT: 20.35 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	16.0	7.0	10.4

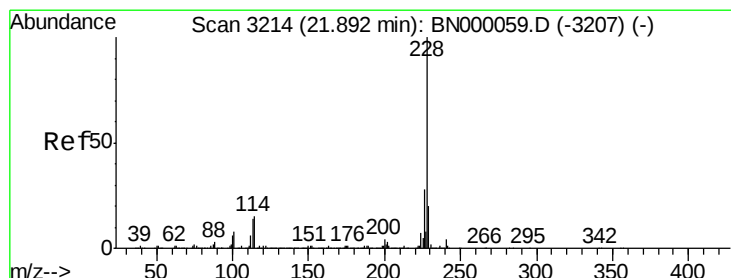
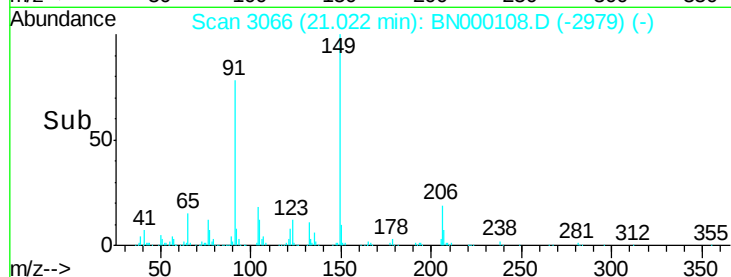
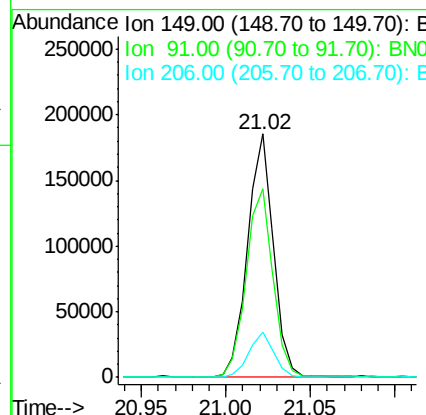
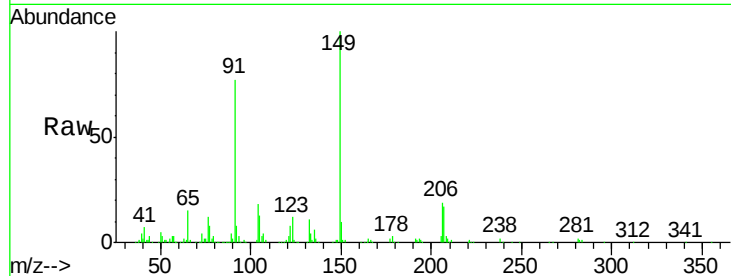




#79
Butylbenzylphthalate
Concen: 7.467 ng
RT: 21.02 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

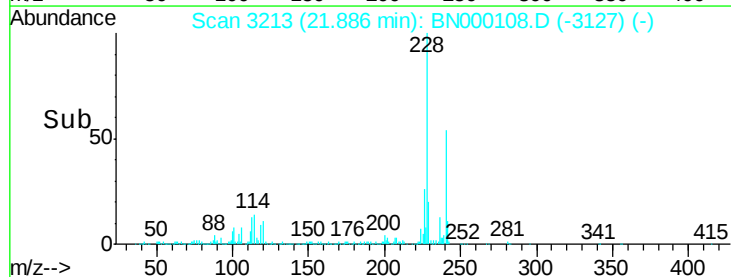
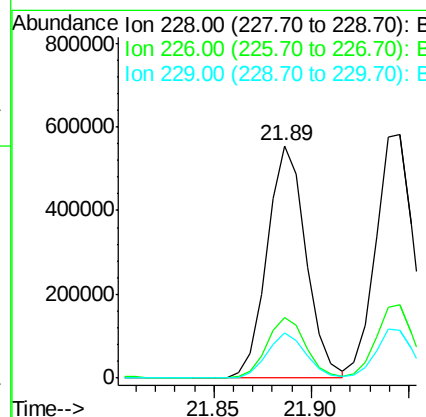
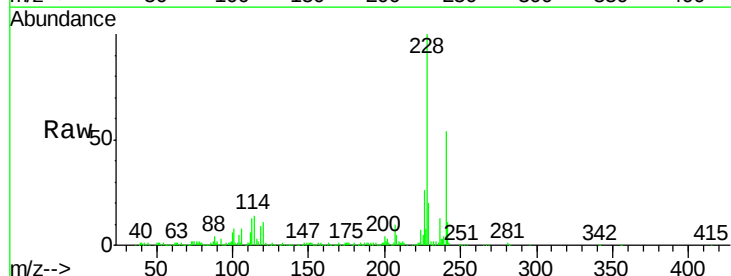
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

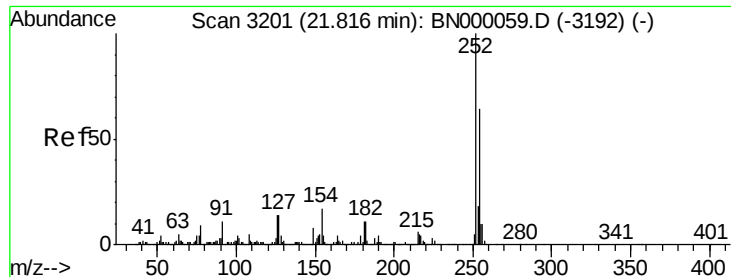
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.5	62.2	93.2
206	18.6	18.6	27.8



#80
Benzo(a)anthracene
Concen: 4.471 ng
RT: 21.89 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.7	34.1
229	19.5	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 3.247 ng

RT: 21.81 min Scan# 3200

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

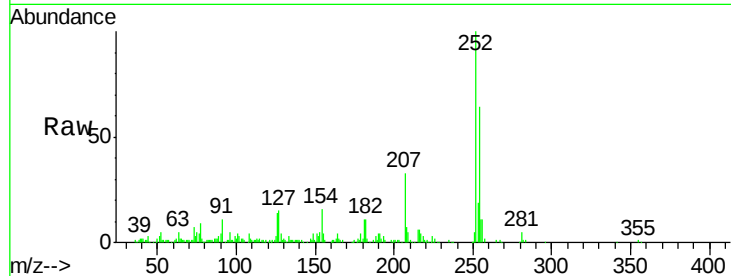
Instrument :

BNA_N

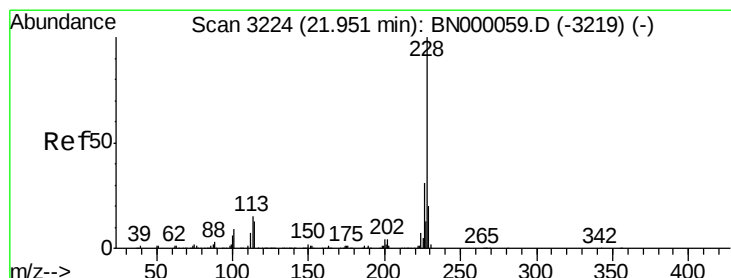
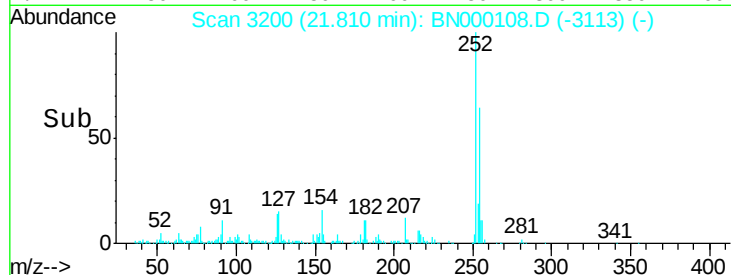
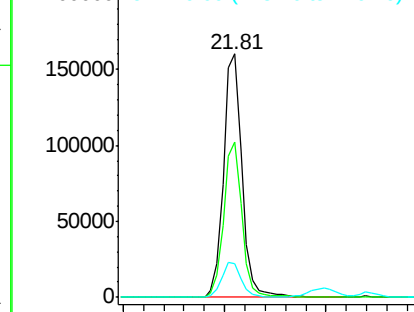
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:	252	Resp:	203393
Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.8	76.2
126	13.7	7.4	11.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 4.640 ng

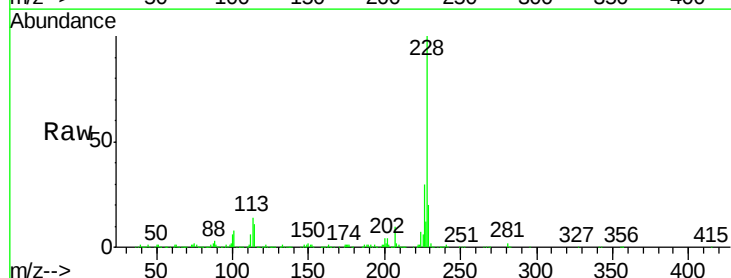
RT: 21.95 min Scan# 3223

Delta R.T. -0.02 min

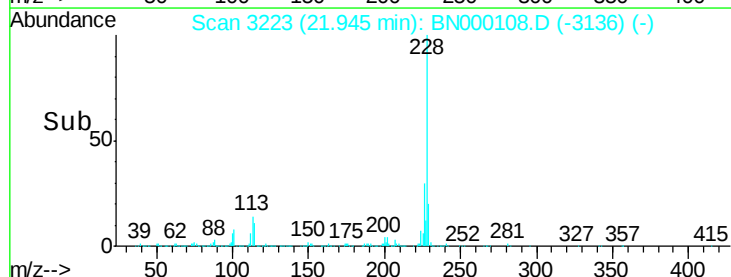
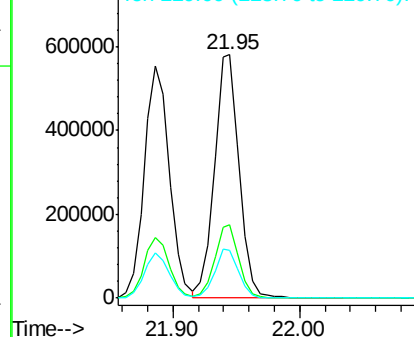
Lab File: BN000108.D

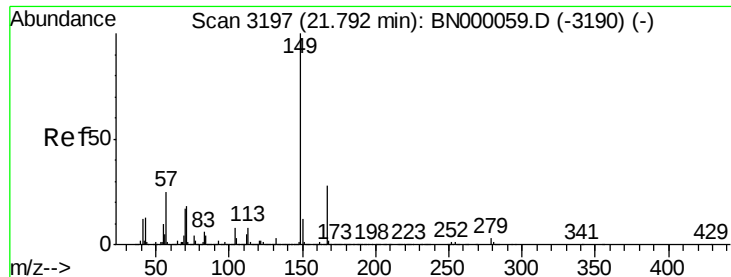
Acq: 15 Feb 2018 21:35

Tgt Ion:	228	Resp:	788603
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.7	15.0	22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.299 ng

RT: 21.78 min Scan# 3195

Delta R.T. -0.03 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

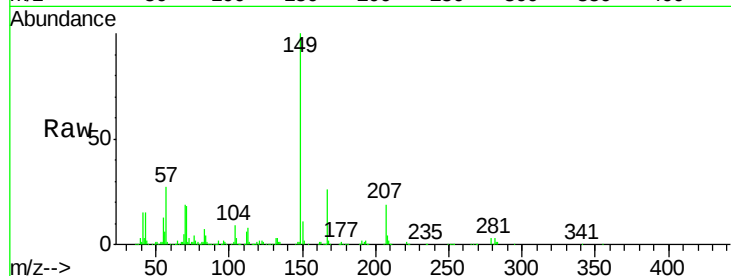
Tot Ion:149 Resp: 316550

Ion Ratio Lower Upper

149 100

167 25.9 24.3 36.5

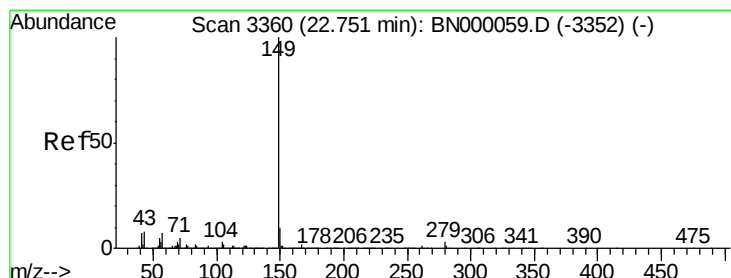
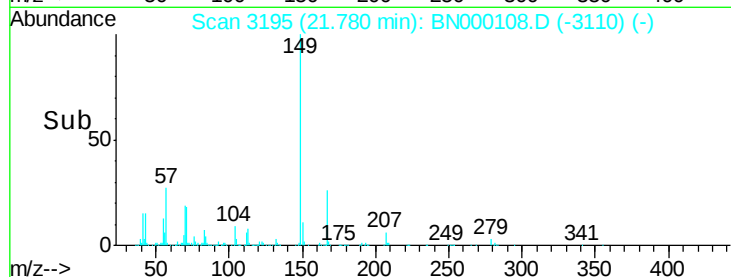
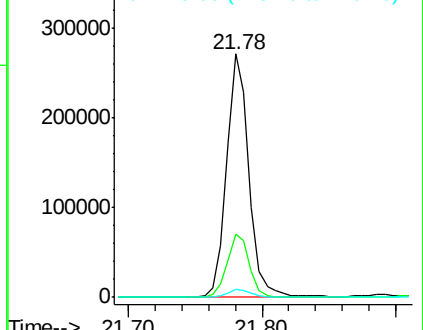
279 3.1 4.0 6.0#



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



#84

Di-n-octyl phthalate

Concen: 8.288 ng

RT: 22.74 min Scan# 3358

Delta R.T. -0.03 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

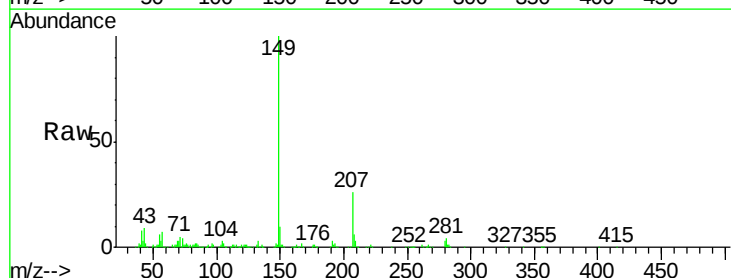
Tgt Ion:149 Resp: 429822

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

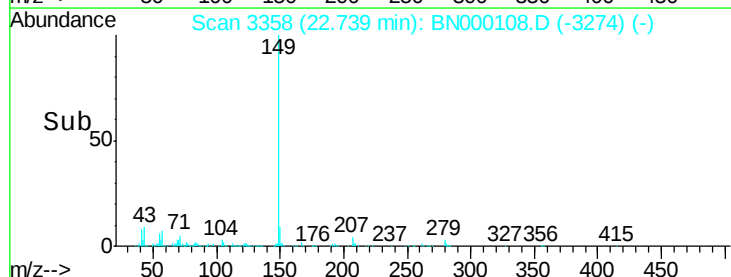
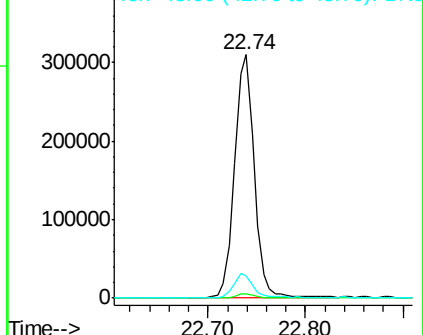
43 9.7 8.9 13.3

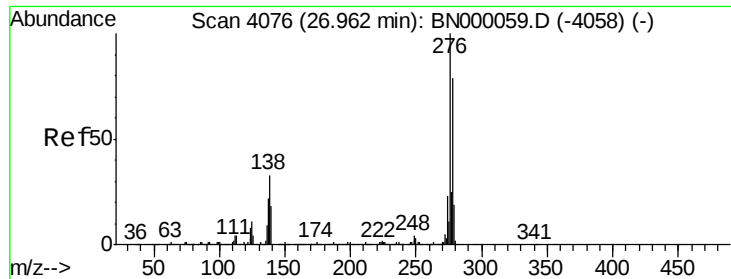


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

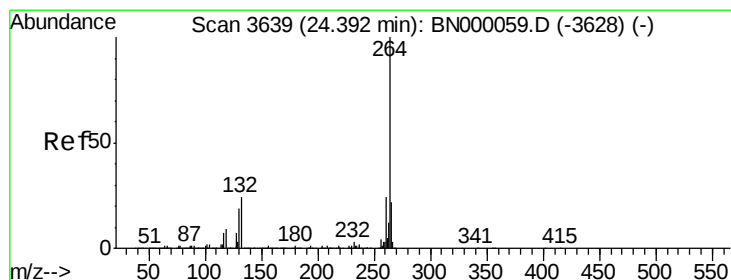
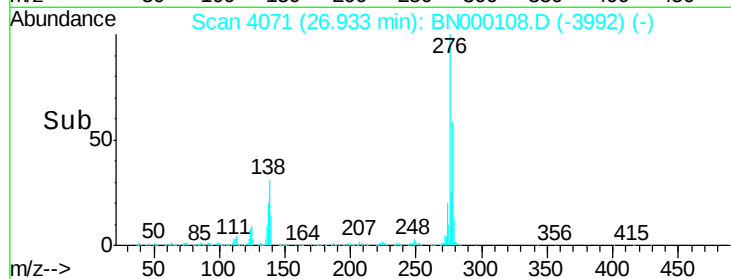
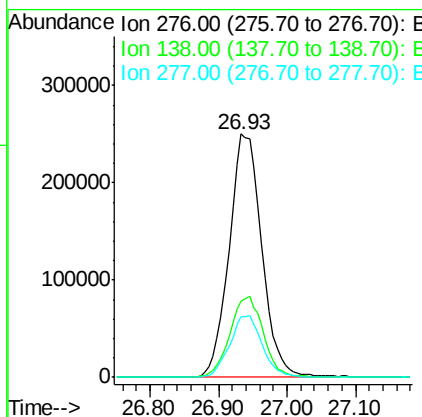
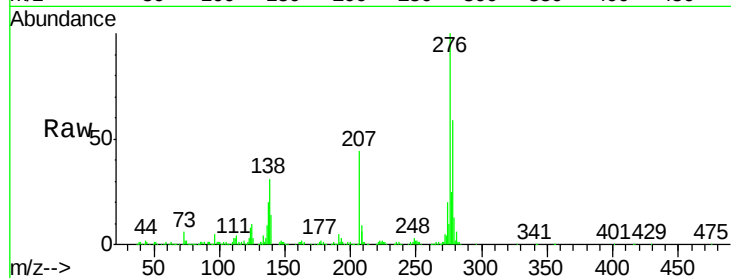




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.966 ng
RT: 26.93 min Scan# 4071
Delta R.T. -0.06 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

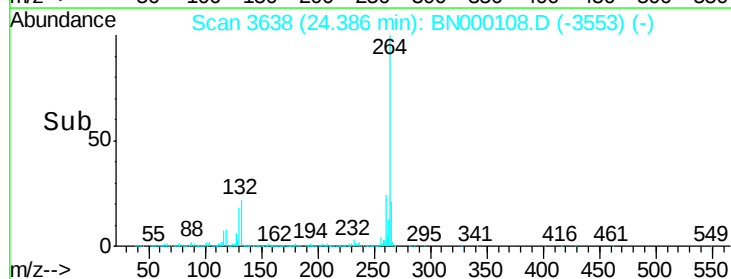
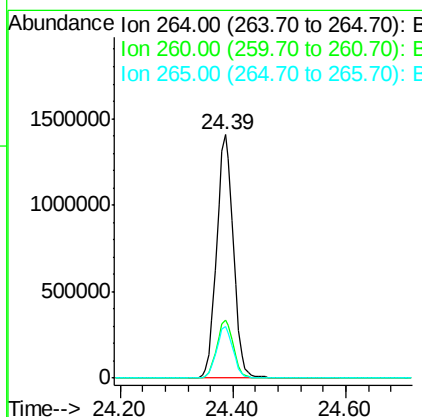
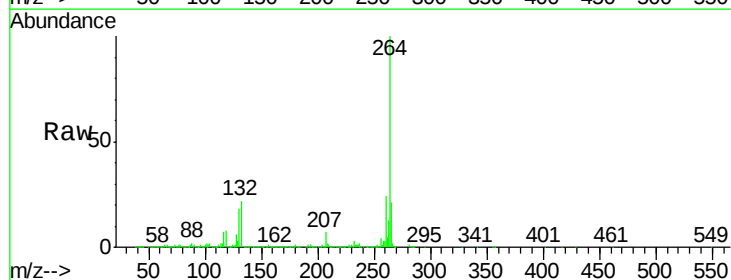
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

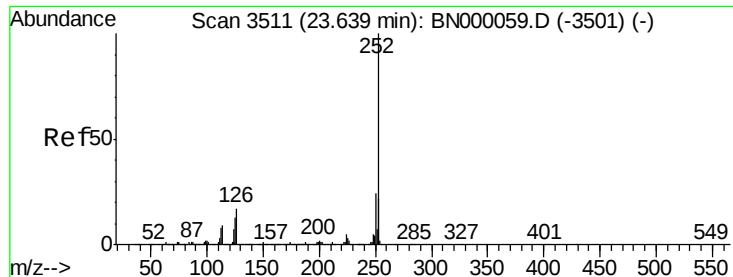
Tot Ion:276 Resp: 827995
Ion Ratio Lower Upper
276 100
138 33.9 16.0 24.0#
277 25.1 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.39 min Scan# 3638
Delta R.T. -0.03 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:264 Resp: 2895917
Ion Ratio Lower Upper
264 100
260 24.0 17.4 26.0
265 21.4 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 4.310 ng

RT: 23.63 min Scan# 3509

Delta R.T. -0.03 min

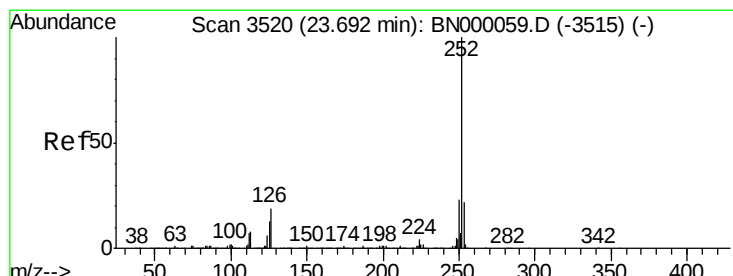
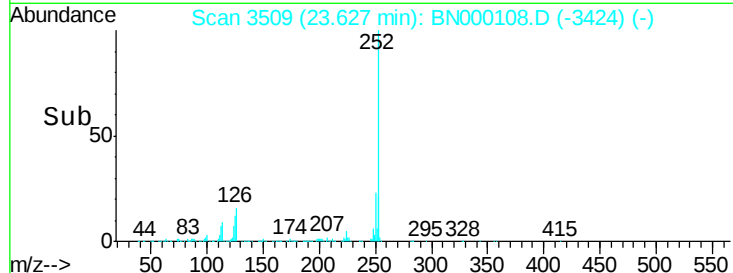
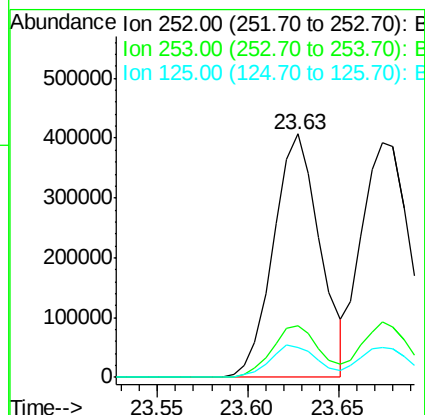
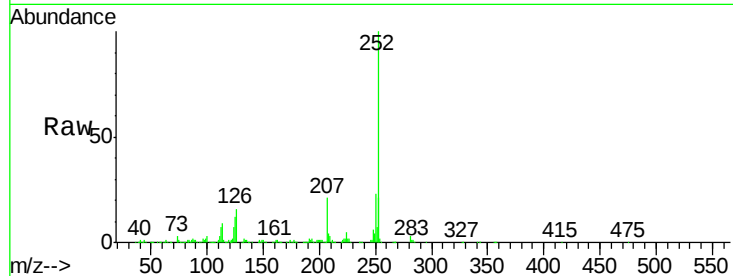
Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

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

Tot Ion:252 Resp: 730604

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	12.3	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 4.364 ng

RT: 23.67 min Scan# 3517

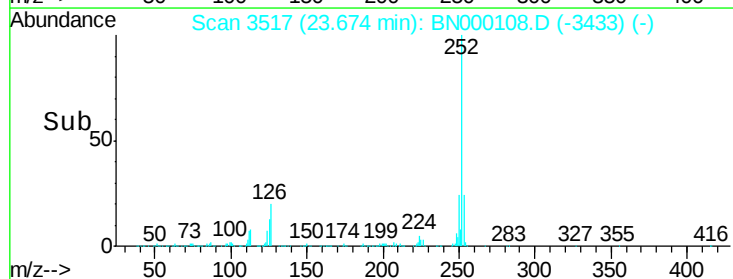
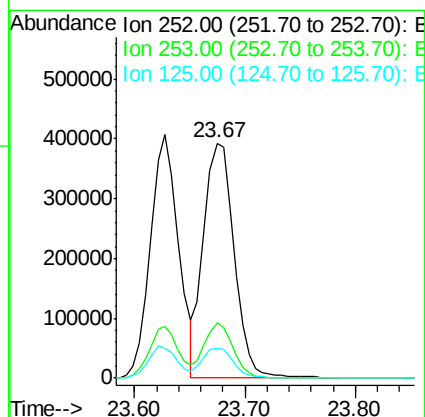
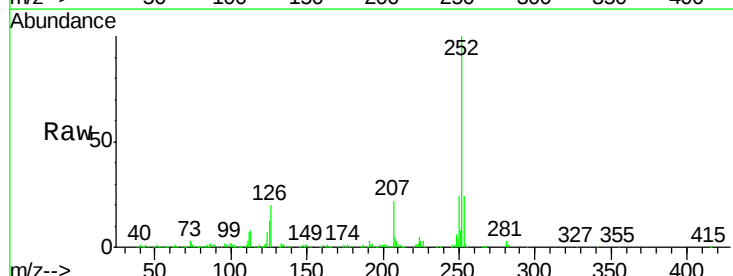
Delta R.T. -0.04 min

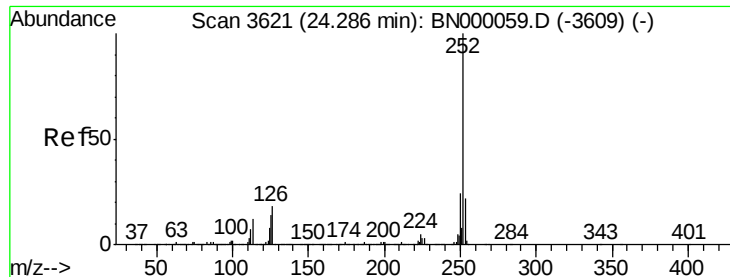
Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Tgt Ion:252 Resp: 745108

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	13.0	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 4.172 ng

RT: 24.27 min Scan# 3619

Delta R.T. -0.04 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

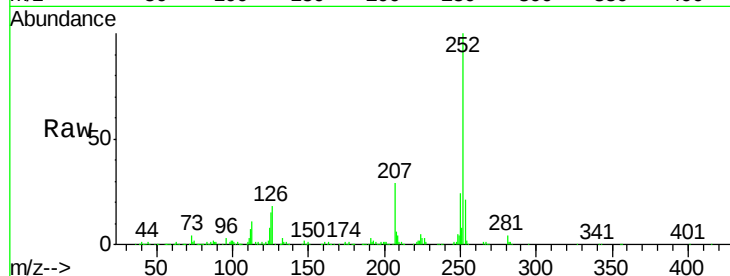
Tot Ion:252 Resp: 678185

Ion Ratio Lower Upper

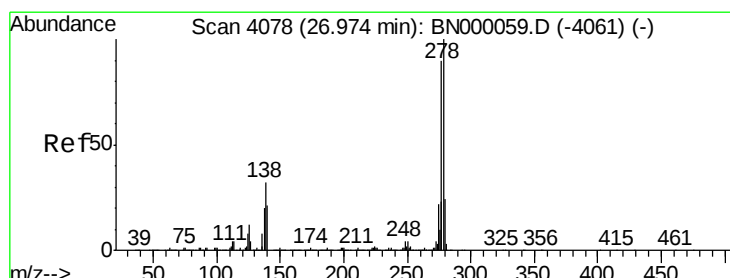
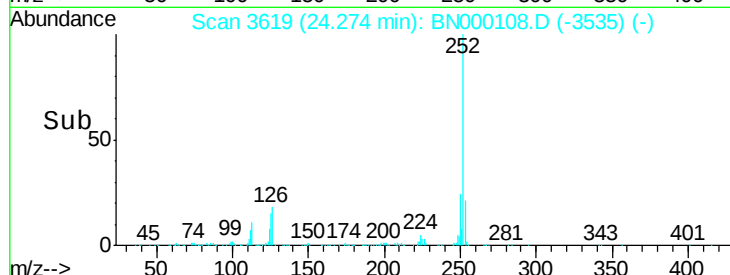
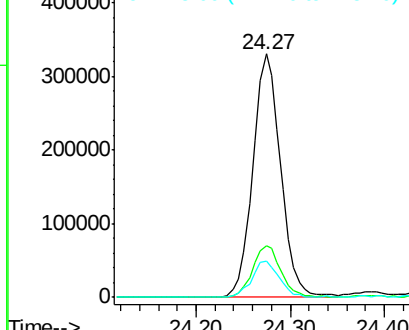
252 100

253 21.1 18.3 27.5

125 15.0 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 4.127 ng

RT: 26.95 min Scan# 4074

Delta R.T. -0.06 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

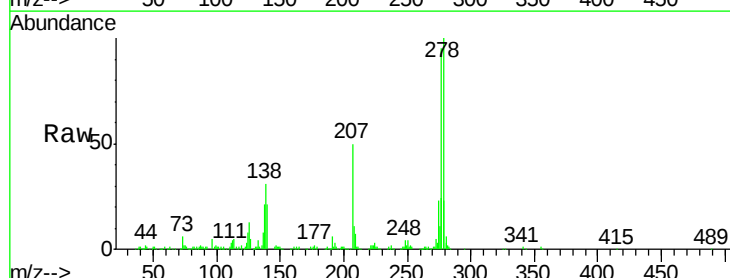
Tgt Ion:278 Resp: 701487

Ion Ratio Lower Upper

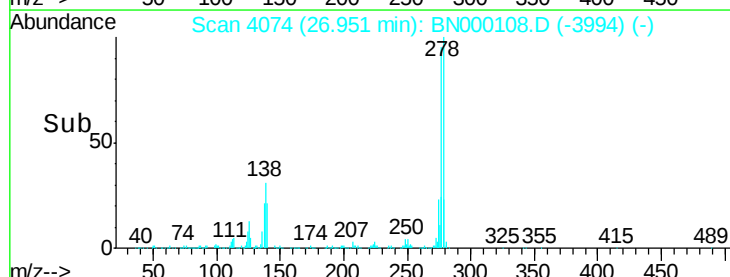
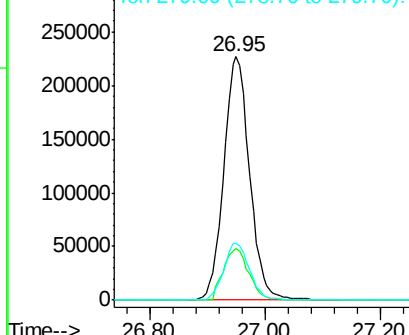
278 100

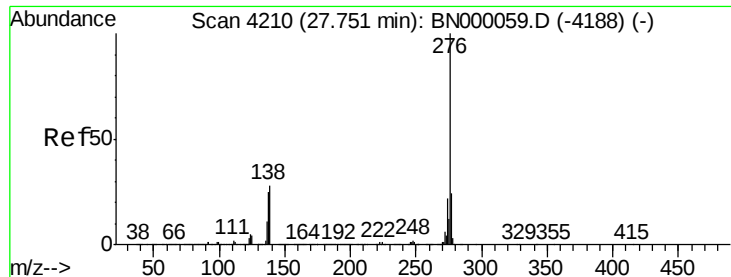
139 21.2 9.8 14.6#

279 23.4 18.4 27.6



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





#91

Benzo(a,h,i)perylene

Concen: 3.958 ng

RT: 27.72 min Scan# 4205

Delta R.T. -0.06 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:276 Resp: 680390

Ion Ratio Lower Upper

276 100

277 22.4 18.3 27.5

138 27.4 13.9 20.9#

