

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000106.D
 Acq On : 15 Feb 2018 20:26
 Operator : JU/SJ
 Sample : J1161-09
 Misc : 1 PPM MDL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 16 10:26:29 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	306606	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	1548197	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	929058	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2135910	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2411623	20.00	ng	-0.02
86) Perylene-d12	24.39	264	2630660	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.93	112	2556899	135.91	ng	-0.01
7) Phenol-d6	7.58	99	3677366	129.04	ng	-0.01
23) Nitrobenzene-d5	9.64	82	2520076	96.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1234212	134.21	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	6495300	98.54	ng	-0.01
78) Terphenyl-d14	20.35	244	8653107	96.88	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	8319	1.099	ng	# 91
3) Pyridine	4.19	79	15013m	0.637	ng	
4) n-Nitrosodimethylamine	4.02	42	6341	0.952	ng	# 56
6) Aniline	7.76	93	32007	0.815	ng	92
8) 2-Chlorophenol	8.01	128	21634	0.983	ng	93
9) Benzaldehyde	7.58	77	16962	0.957	ng	91
10) Phenol	7.61	94	30020	0.998	ng	93
11) bis(2-Chloroethyl)ether	7.86	93	24080	0.973	ng	89
12) 1,3-Dichlorobenzene	8.35	146	24991	1.000	ng	99
13) 1,4-Dichlorobenzene	8.50	146	26315	1.031	ng	96
14) 1,2-Dichlorobenzene	8.82	146	24761	0.985	ng	91
15) Benzyl Alcohol	8.69	79	16426	0.802	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.98	45	24912	0.951	ng	77
17) 2-Methylphenol	8.89	107	16362	0.765	ng	93
18) Hexachloroethane	9.57	117	7874	0.886	ng	# 80
19) n-Nitroso-di-n-propylamine	9.26	70	13671	0.716	ng	# 83
20) 3+4-Methylphenols	9.22	107	21232	0.710	ng	90
22) Acetophenone	9.29	105	34324	0.791	ng	# 87
24) Nitrobenzene	9.68	77	28382	0.997	ng	# 93
25) Isophorone	10.20	82	38995	0.724	ng	98
26) 2-Nitrophenol	10.39	139	6165	7.642	ng	90
27) 2,4-Dimethylphenol	10.44	122	16394	0.703	ng	97
28) bis(2-Chloroethoxy)methane	10.68	93	29231	0.847	ng	# 92
29) 2,4-Dichlorophenol	10.93	162	12241	0.567	ng	97
30) 1,2,4-Trichlorobenzene	11.16	180	25158	1.012	ng	97
31) Naphthalene	11.35	128	82955	0.977	ng	# 92
32) Benzoic acid	10.46	122	1915m	10.629	ng	
33) 4-Chloroaniline	11.45	127	26413	0.708	ng	96
34) Hexachlorobutadiene	11.63	225	11836	0.918	ng	90
35) Caprolactam	12.17	113	3939	4.401	ng	96
36) 4-Chloro-3-methylphenol	12.53	107	14852	0.542	ng	99
37) 2-Methylnaphthalene	12.93	142	52109	0.882	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	26124	0.953	ng	# 96
40) Hexachlorocyclopentadiene	13.26	237	7457	0.652	ng	80

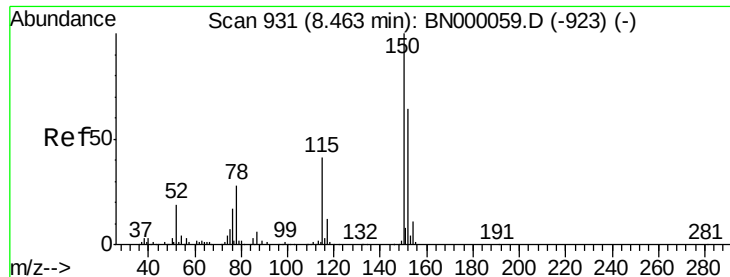
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	8132	0.495	ng	# 94
43) 2,4,5-Trichlorophenol	13.58	196	9024	0.457	ng	# 92
45) 1,1'-Biphenyl	13.91	154	88092	1.077	ng	98
46) 2-Chloronaphthalene	13.96	162	58283	0.949	ng	95
47) 2-Nitroaniline	14.15	65	7774	5.266	ng	84
48) Acenaphthylene	14.80	152	66123	0.668	ng	98
49) Dimethylphthalate	14.50	163	60278	0.776	ng	99
50) 2,6-Dinitrotoluene	14.63	165	6418	0.400	ng	# 87
51) Acenaphthene	15.13	154	59632	0.926	ng	93
52) 3-Nitroaniline	14.95	138	8074	0.414	ng	# 87
53) 2,4-Dinitrophenol	15.16	184	1707	9.493	ng	# 1
54) Dibenzofuran	15.46	168	86657	0.950	ng	94
55) 4-Nitrophenol	15.23	139	4836	5.261	ng	87
56) 2,4-Dinitrotoluene	15.40	165	7932	4.498	ng	# 91
57) Fluorene	16.10	166	64915	0.872	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.67	232	7008	0.449	ng	# 80
59) Diethylphthalate	15.85	149	55049	0.698	ng	# 95
60) 4-Chlorophenyl-phenylether	16.09	204	31378	0.925	ng	# 87
61) 4-Nitroaniline	16.10	138	8118	0.405	ng	89
62) Azobenzene	16.37	77	47607	0.606	ng	91
64) 4,6-Dinitro-2-methylphenol	16.16	198	3226	8.968	ng	87
65) n-Nitrosodiphenylamine	16.30	169	47065	0.677	ng	98
66) 4-Bromophenyl-phenylether	16.97	248	16642	0.819	ng	# 81
67) Hexachlorobenzene	17.09	284	22423	0.945	ng	# 77
68) Atrazine	17.22	200	11806	0.522	ng	96
69) Pentachlorophenol	17.43	266	6692	6.211	ng	96
70) Phenanthrene	17.83	178	122474	0.971	ng	98
71) Anthracene	17.92	178	95503	0.782	ng	97
72) Carbazole	18.18	167	87586	0.712	ng	98
73) Di-n-butylphthalate	18.71	149	65926	0.485	ng	99
74) Fluoranthene	19.80	202	105337	0.796	ng	94
76) Benzidine	19.97	184	20336	0.265	ng	97
77) Pyrene	20.16	202	120790	0.788	ng	97
79) Butylbenzylphthalate	21.02	149	26081	5.694	ng	96
80) Benzo(a)anthracene	21.89	228	129777	0.876	ng	95
81) 3,3'-Dichlorobenzidine	21.80	252	24548	0.451	ng	# 95
82) Chrysene	21.94	228	146834	0.994	ng	99
83) Bis(2-ethylhexyl)phthalate	21.78	149	36650	3.222	ng	# 95
84) Di-n-octyl phthalate	22.73	149	51871	6.946	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.93	276	143932	0.793	ng	# 84
87) Benzo(b)fluoranthene	23.63	252	129132	0.839	ng	# 95
88) Benzo(k)fluoranthene	23.67	252	122046	0.787	ng	# 94
89) Benzo(a)pyrene	24.27	252	115270	0.781	ng	# 92
90) Dibenzo(a,h)anthracene	26.94	278	120437	0.780	ng	# 90
91) Benzo(g,h,i)perylene	27.72	276	128312	0.822	ng	# 87

(#) = 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: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

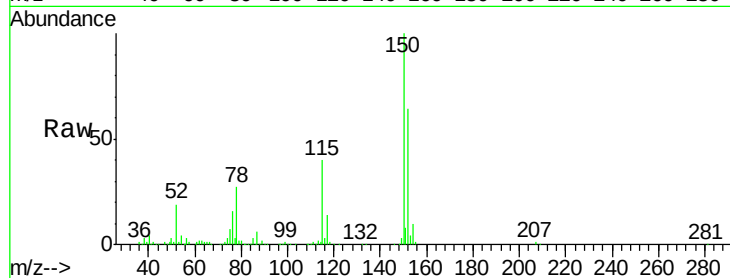
Tot Ion:152 Resp: 306606

Ion Ratio Lower Upper

152 100

150 156.2 126.6 189.8

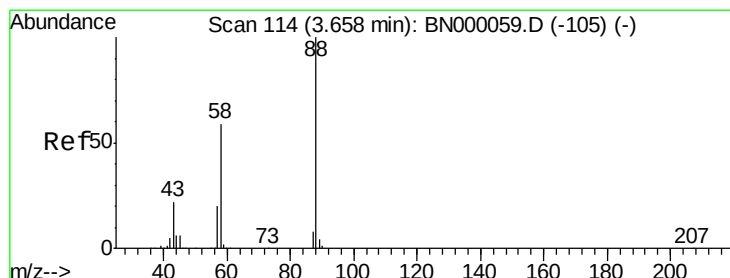
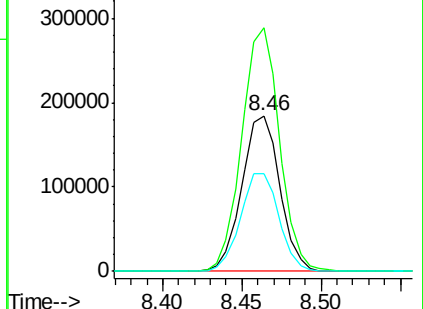
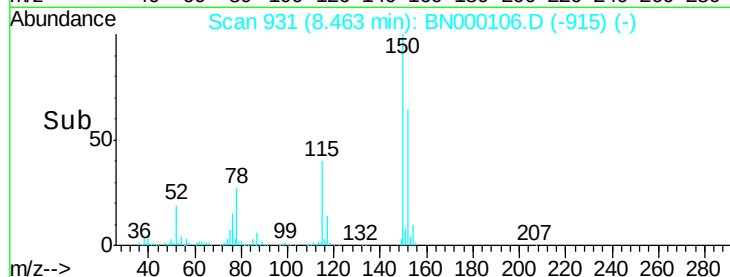
115 62.5 53.0 79.4



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: 1.099 ng

RT: 3.66 min Scan# 114

Delta R.T. 0.00 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

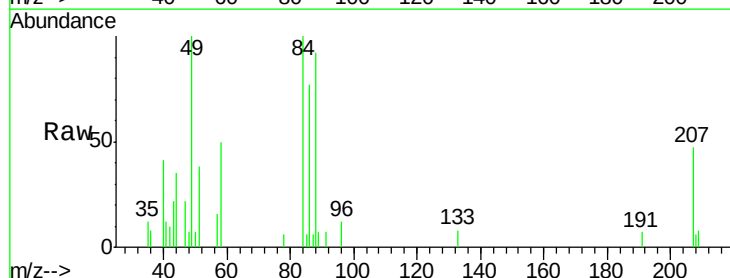
Tgt Ion: 88 Resp: 8319

Ion Ratio Lower Upper

88 100

58 58.3 52.0 78.0

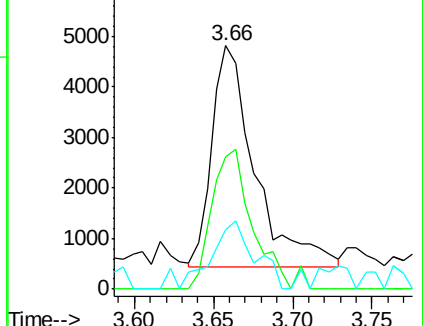
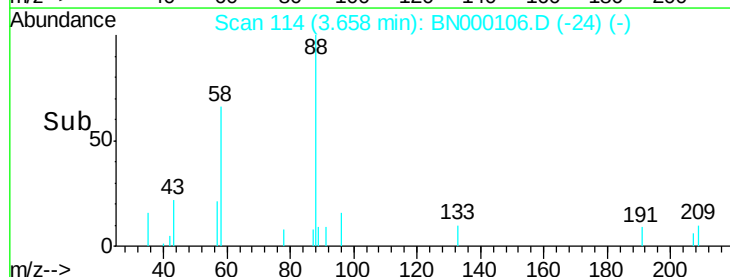
43 30.4 20.0 30.0#

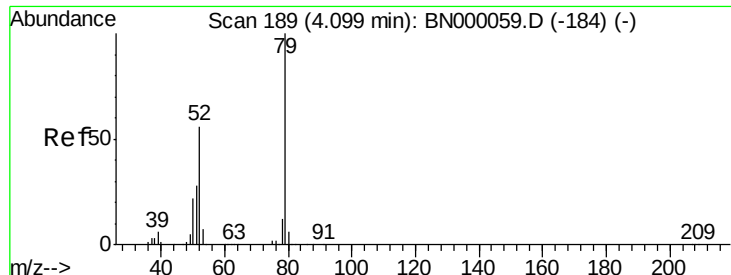


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 0.637 ng/ml

RT: 4.19 min Scan# 205

Delta R.T. 0.09 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

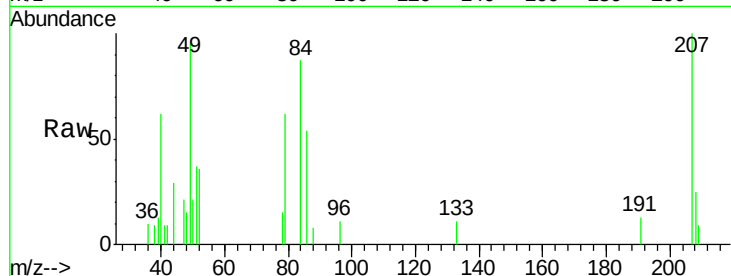
Tot Ion: 79 Resp: 15013

Ion Ratio Lower Upper

79 100

52 58.3 44.0 66.0

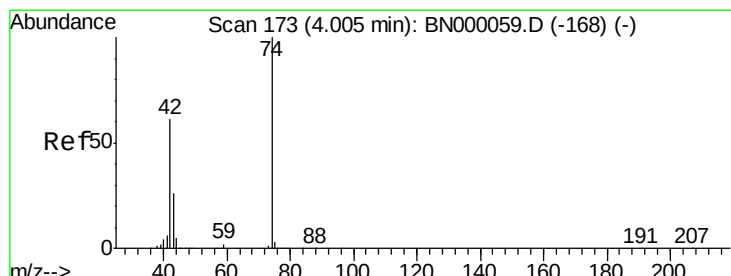
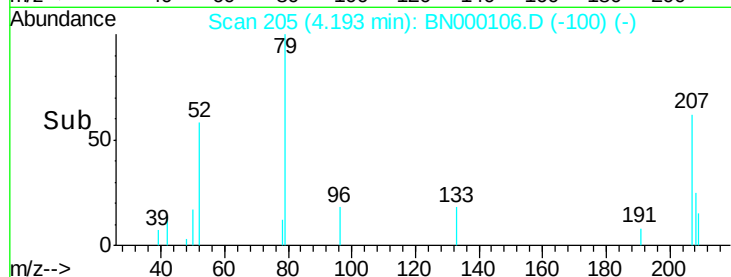
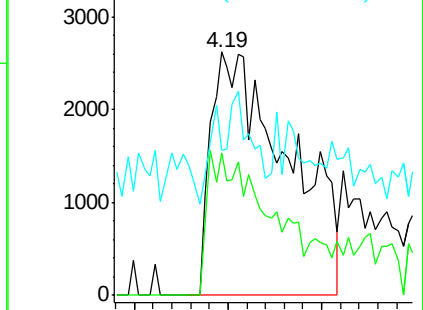
51 59.3 24.0 36.0#



Abundance Ion 79.00 (78.70 to 79.70): BN000059.D (-184) (-)

Ion 52.00 (51.70 to 52.70): BN000059.D (-184) (-)

Ion 51.00 (50.70 to 51.70): BN000059.D (-184) (-)



#4

n-Nitrosodimethylamine

Concen: 0.952 ng/ml

RT: 4.02 min Scan# 175

Delta R.T. 0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

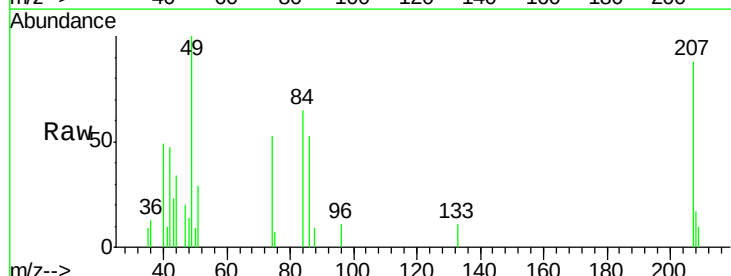
Tgt Ion: 42 Resp: 6341

Ion Ratio Lower Upper

42 100

74 112.9 128.0 192.0#

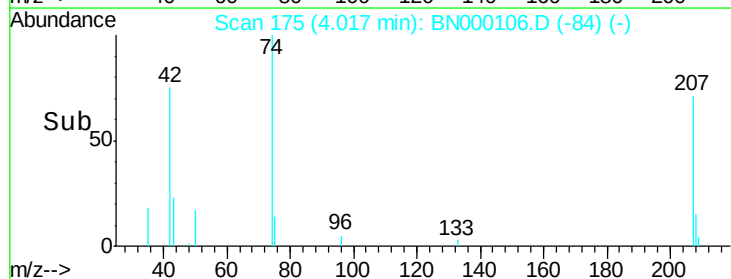
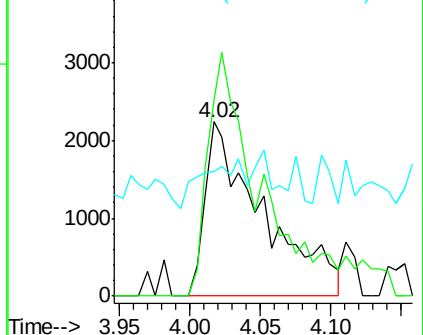
44 71.5 12.0 18.0#

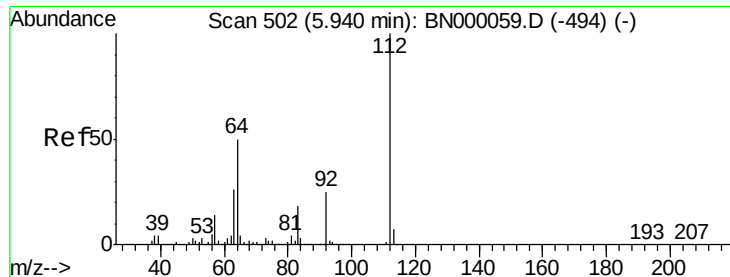


Abundance Ion 42.00 (41.70 to 42.70): BN000059.D (-168) (-)

Ion 74.00 (73.70 to 74.70): BN000059.D (-168) (-)

Ion 44.00 (43.70 to 44.70): BN000059.D (-168) (-)





#5

2-Fluorophenol

Concen: 135.912 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

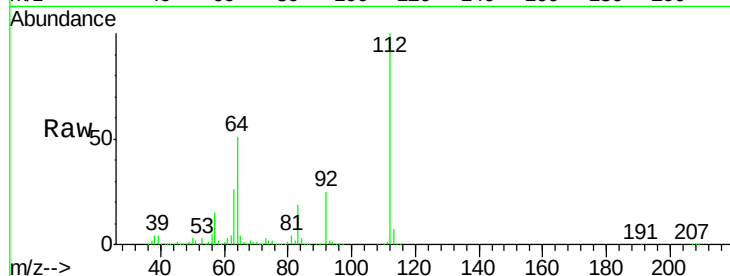
Tot Ion:112 Resp: 2556899

Ion Ratio Lower Upper

112 100

64 51.2 56.3 84.5#

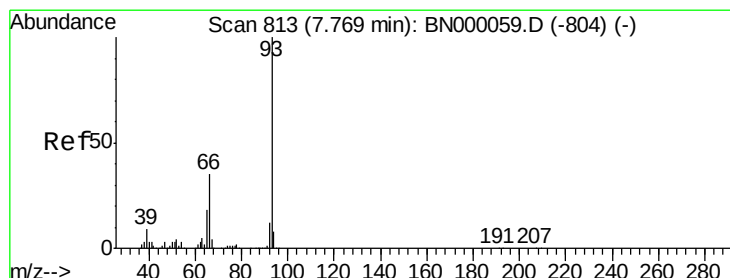
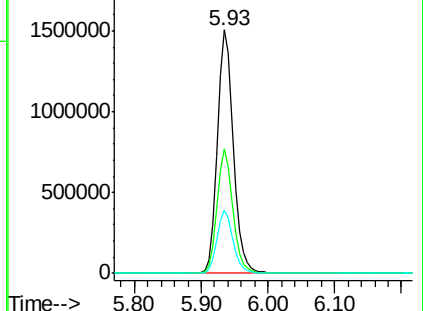
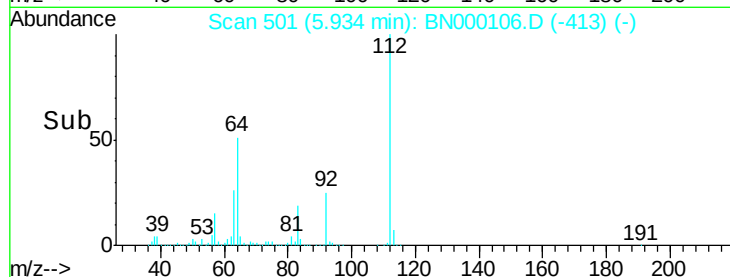
63 25.9 30.1 45.1#



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: 0.815 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

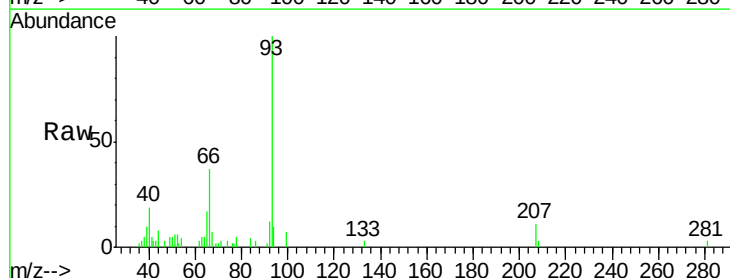
Tgt Ion: 93 Resp: 32007

Ion Ratio Lower Upper

93 100

66 37.1 33.7 50.5

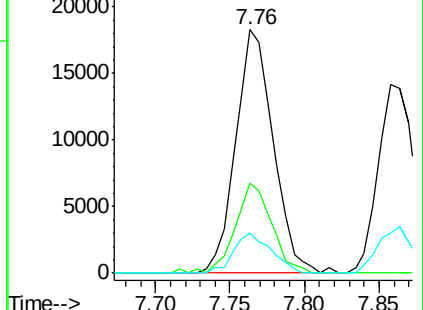
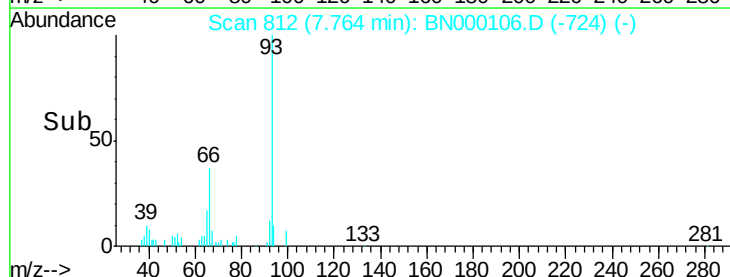
65 16.6 16.1 24.1

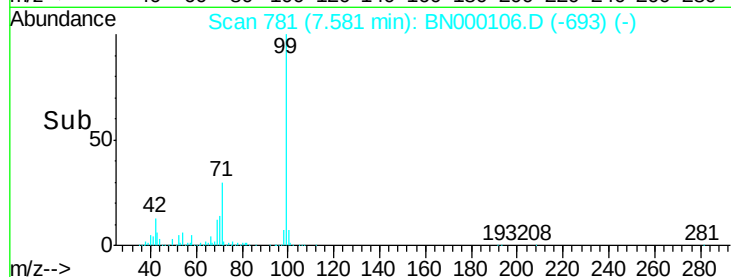
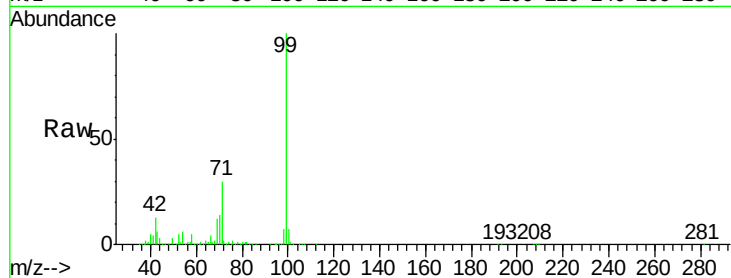
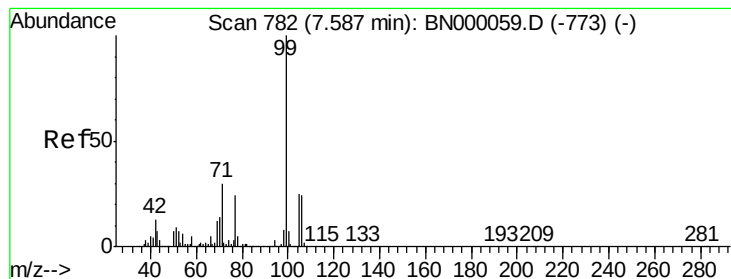


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 129.044 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

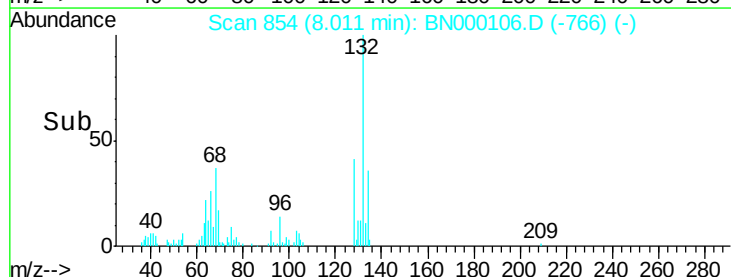
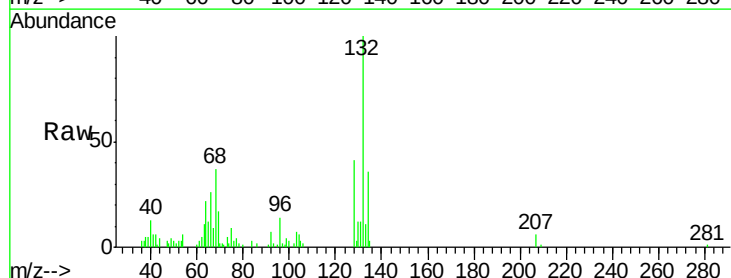
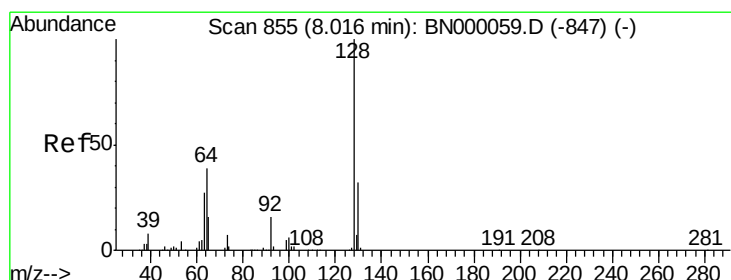
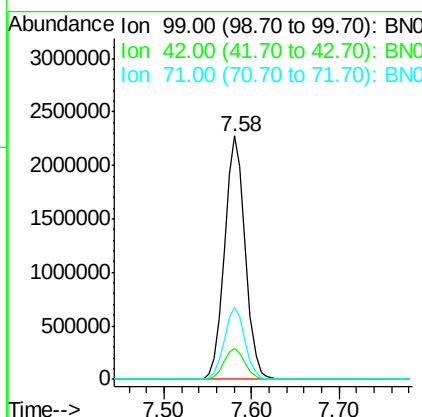
BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion: 99 Resp: 3677366

Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.1	21.1#
71	29.7	26.1	39.1



#8

2-Chlorophenol

Concen: 0.983 ng

RT: 8.01 min Scan# 854

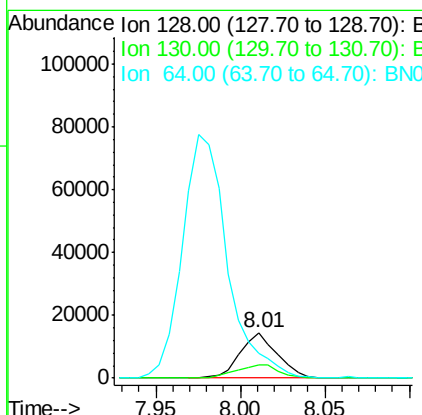
Delta R.T. -0.01 min

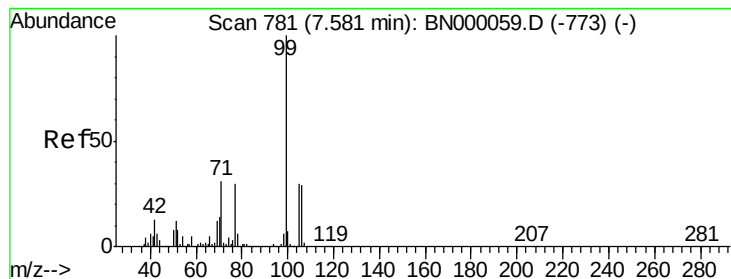
Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Tgt Ion: 128 Resp: 21634

Ion	Ratio	Lower	Upper
128	100		
130	28.8	14.0	54.0
64	53.2	37.7	77.7





#9

Benzaldehyde

Concen: 0.957 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

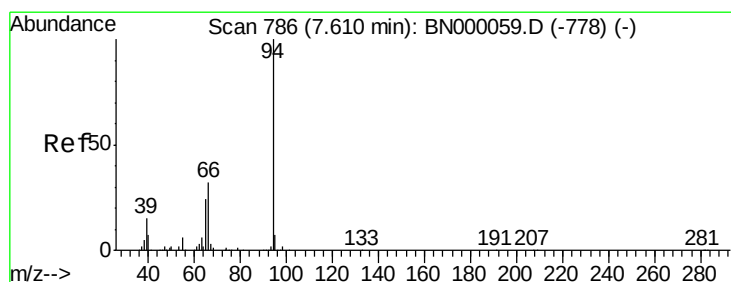
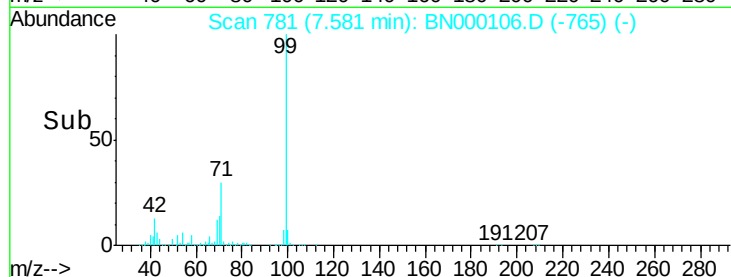
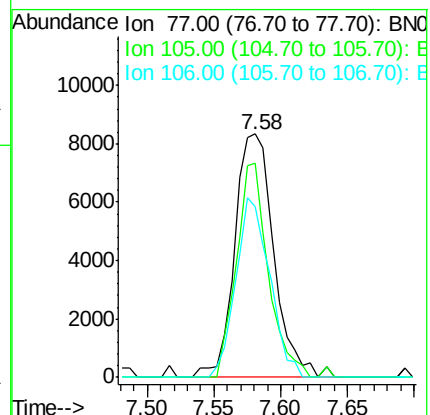
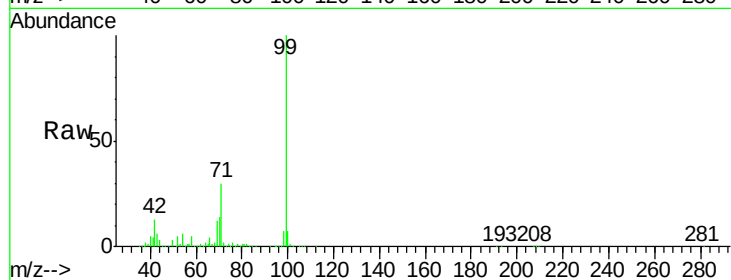
Tot Ion: 77 Resp: 16962

Ion Ratio Lower Upper

77 100

105 88.2 71.3 111.3

106 69.8 64.2 104.2



#10

Phenol

Concen: 0.998 ng

RT: 7.61 min Scan# 786

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

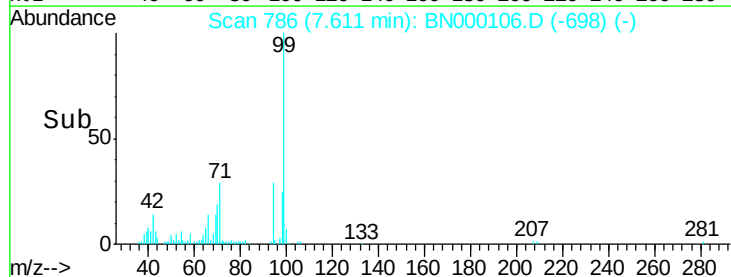
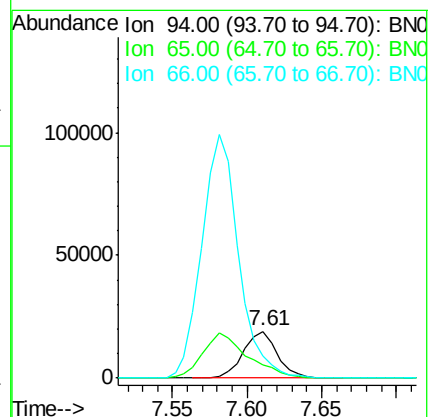
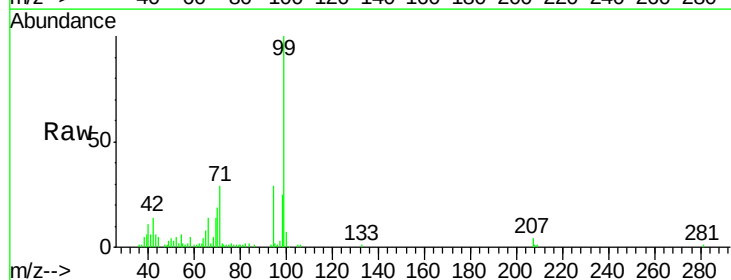
Tgt Ion: 94 Resp: 30020

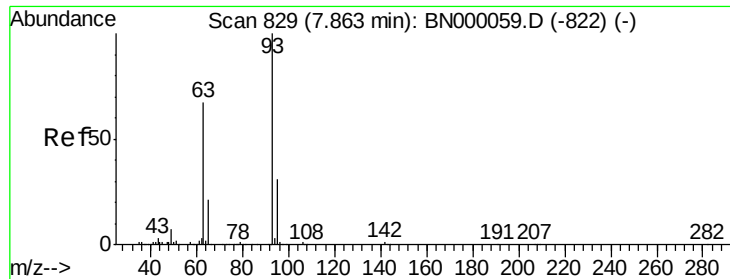
Ion Ratio Lower Upper

94 100

65 27.6 11.9 51.9

66 46.7 22.2 62.2

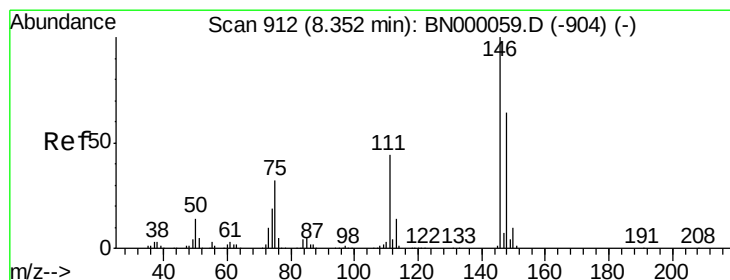
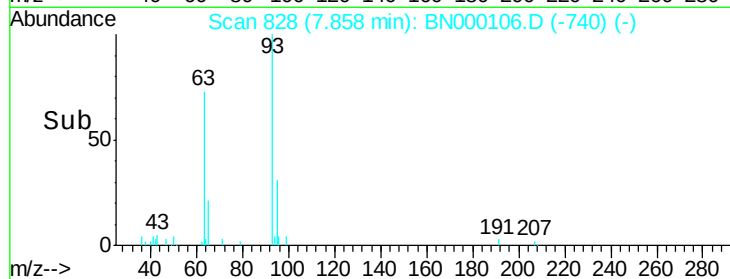
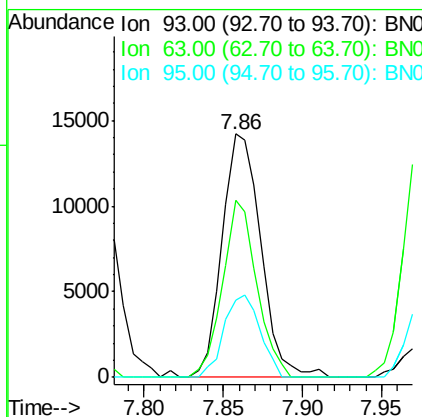
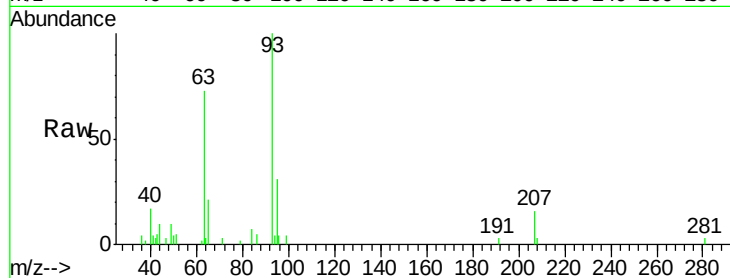




#11
bis(2-Chloroethyl)ether
Concen: 0.973 ng
RT: 7.86 min Scan# 828
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

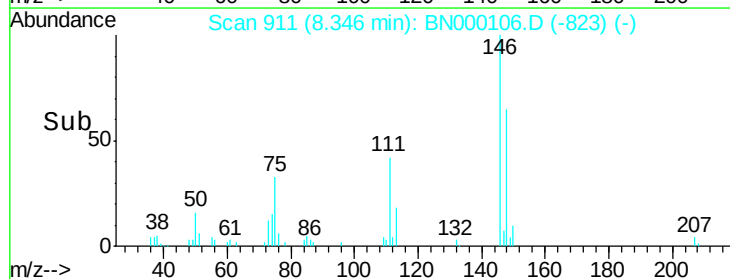
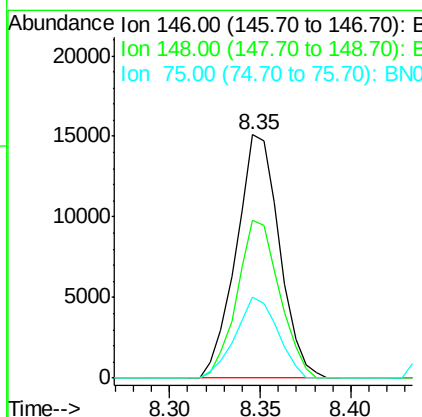
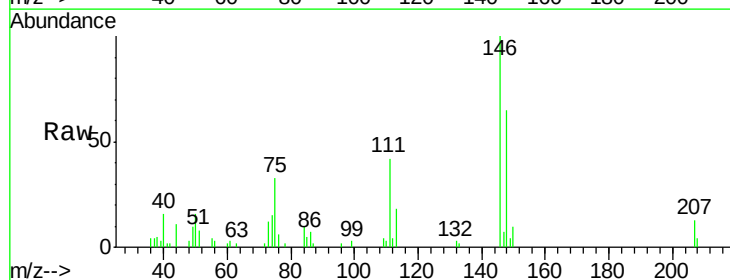
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

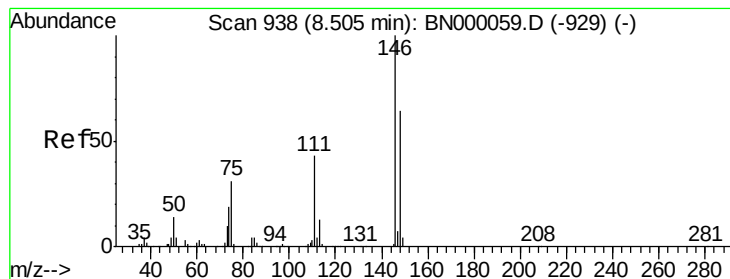
Tot Ion: 93 Resp: 24080
Ion Ratio Lower Upper
93 100
63 73.0 67.1 107.1
95 31.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 1.000 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion: 146 Resp: 24991
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 33.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 1.031 ng

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

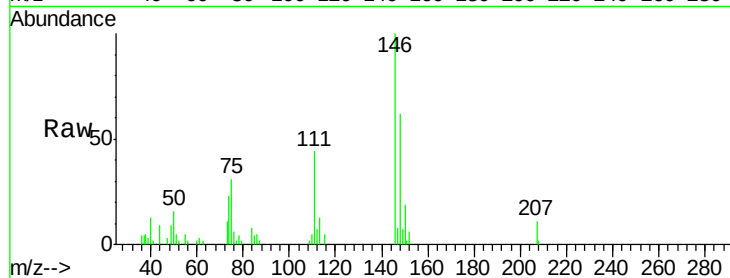
Tot Ion:146 Resp: 26315

Ion Ratio Lower Upper

146 100

148 62.1 53.7 80.5

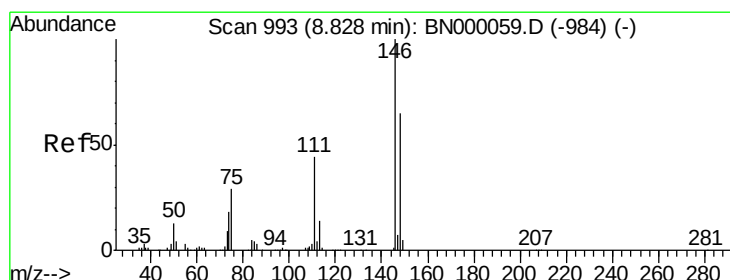
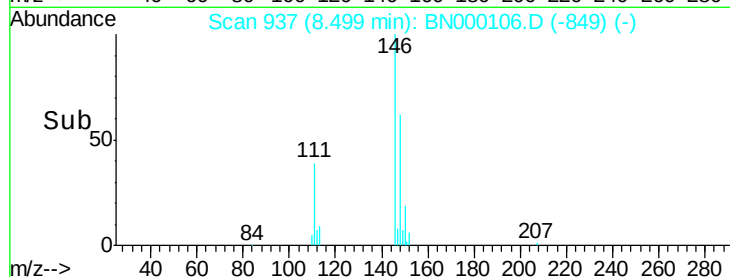
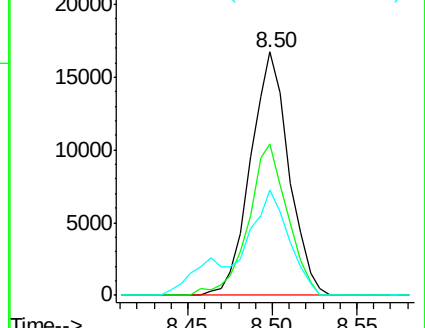
111 43.5 35.2 52.8



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: 0.985 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

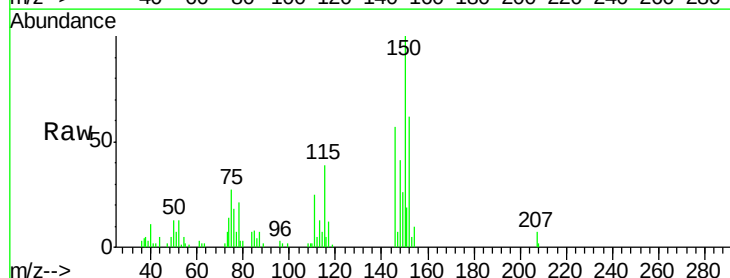
Tgt Ion:146 Resp: 24761

Ion Ratio Lower Upper

146 100

148 71.6 49.3 73.9

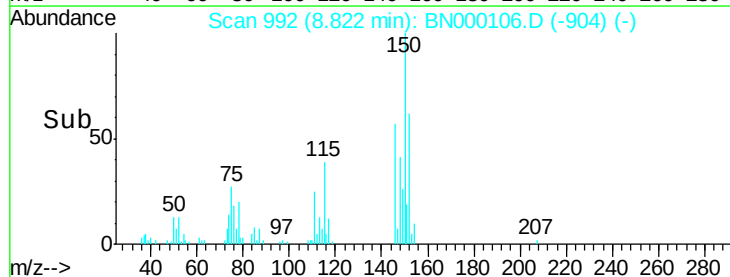
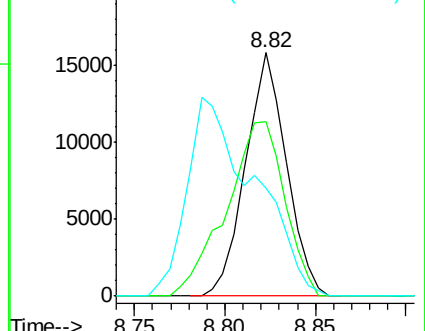
111 44.2 34.3 51.5

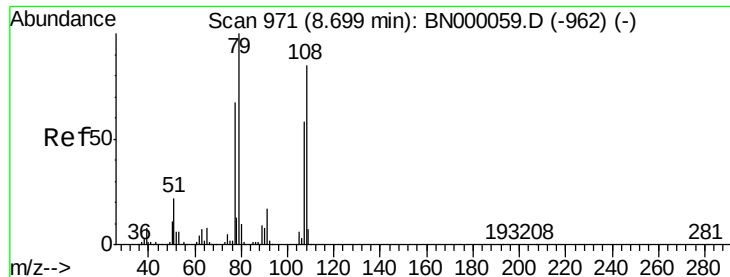


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.802 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

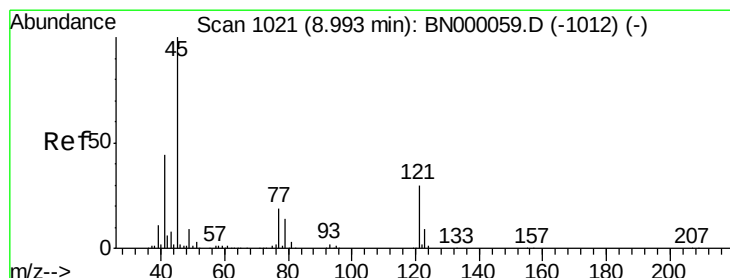
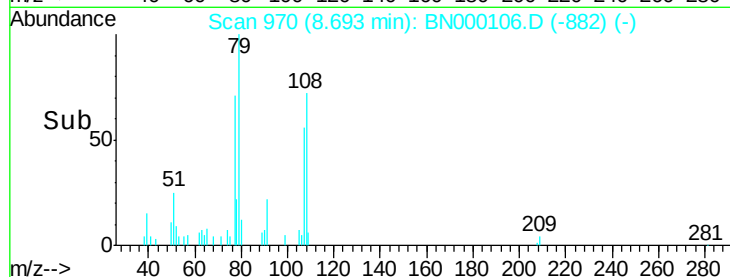
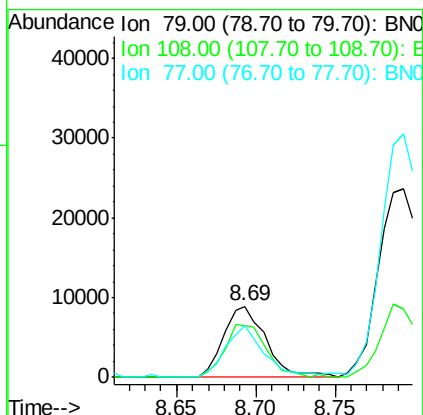
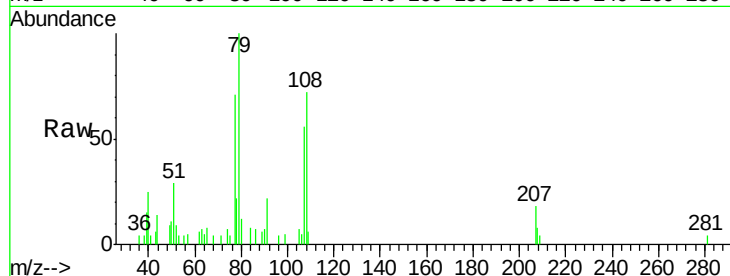
Tot Ion: 79 Resp: 16426

Ion Ratio Lower Upper

79 100

108 72.4 57.2 85.8

77 71.4 46.1 69.1#



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.951 ng

RT: 8.98 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

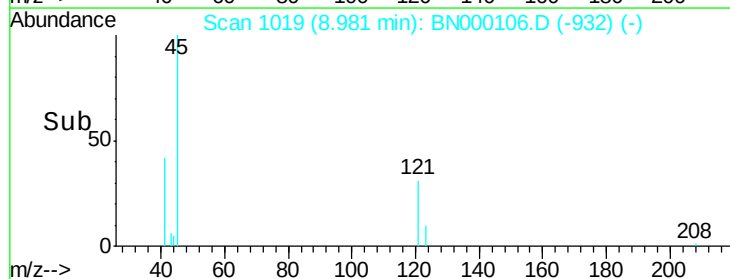
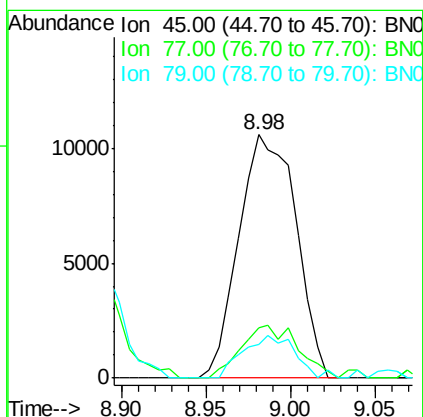
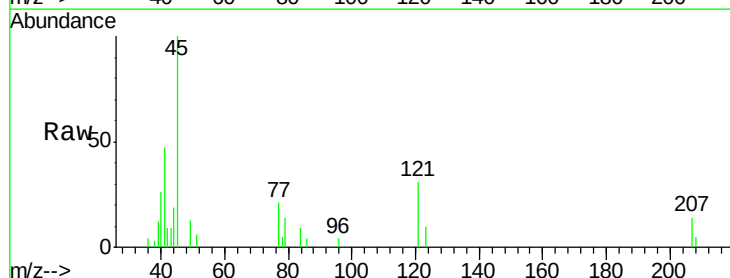
Tgt Ion: 45 Resp: 24912

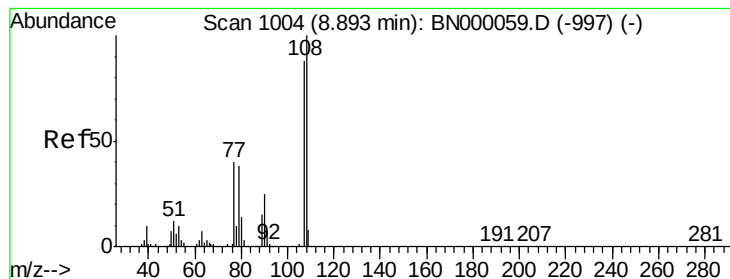
Ion Ratio Lower Upper

45 100

77 20.7 0.0 30.2

79 13.9 0.0 27.9





#17

2-Methylphenol

Concen: 0.765 ng

RT: 8.89 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:107 Resp: 16362

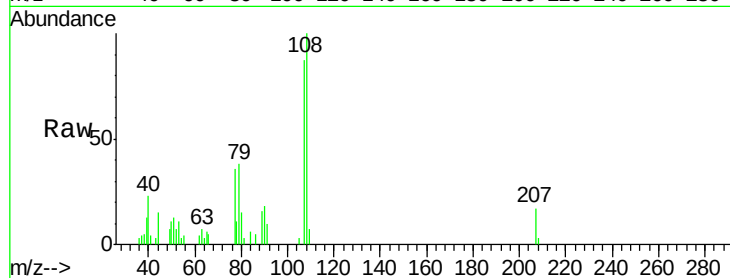
Ion Ratio Lower Upper

107 100

108 114.3 83.9 125.9

77 41.0 37.2 55.8

79 43.8 36.2 54.2

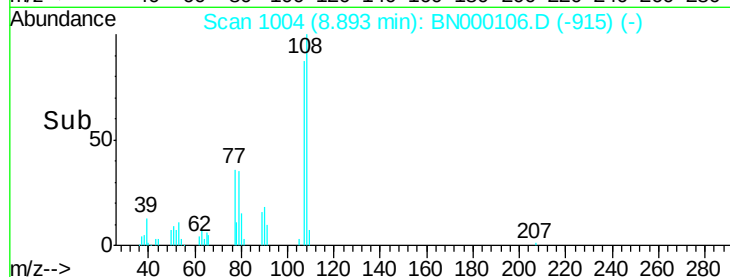


Abundance Ion 107.00 (106.70 to 107.70): E

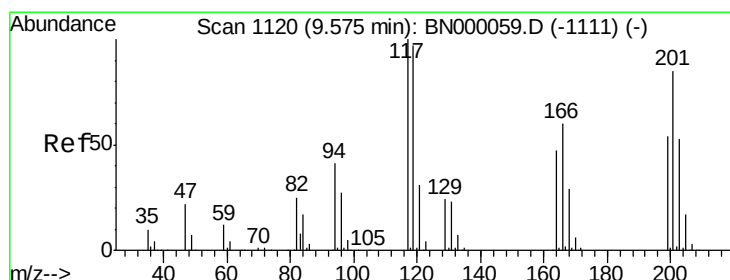
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



Time-->



#18

Hexachloroethane

Concen: 0.886 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

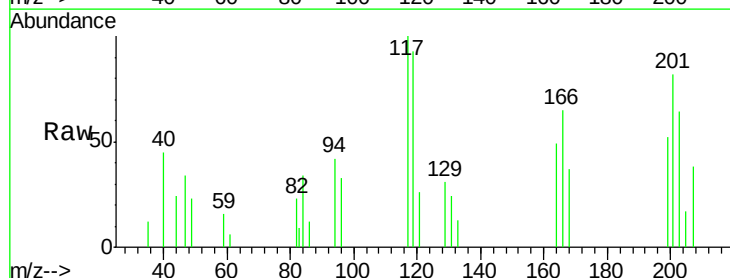
Tgt Ion:117 Resp: 7874

Ion Ratio Lower Upper

117 100

119 93.4 76.7 115.1

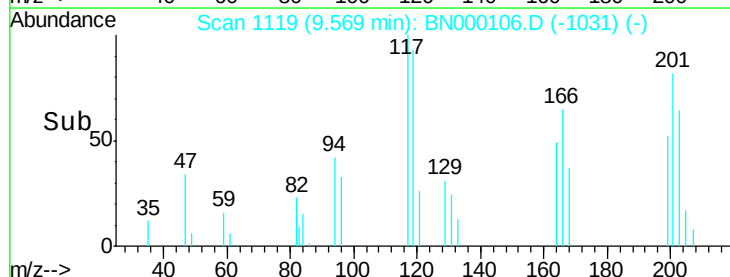
201 82.4 95.7 143.5#



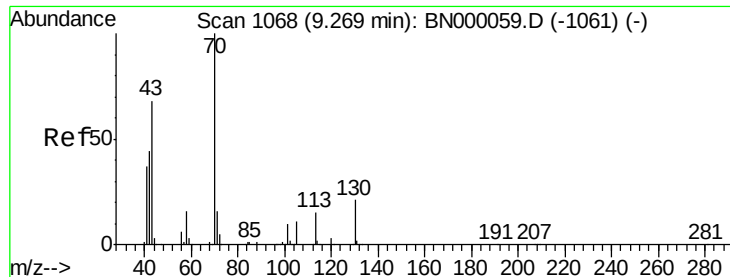
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



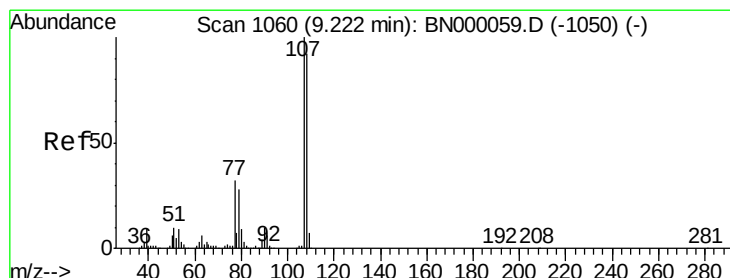
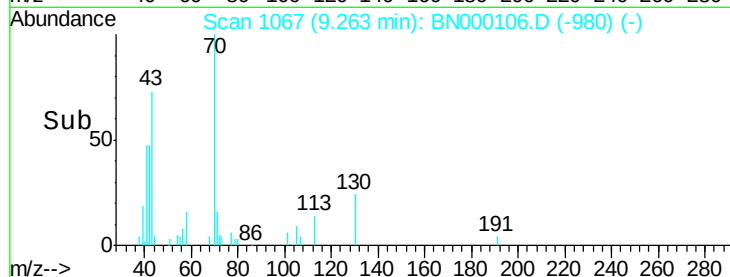
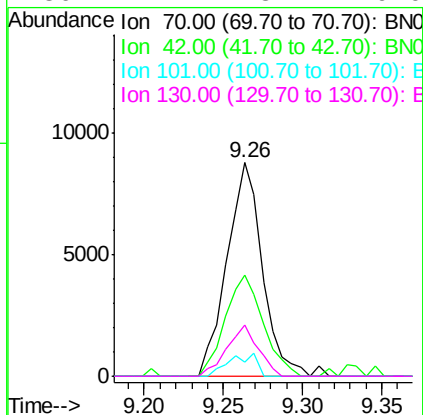
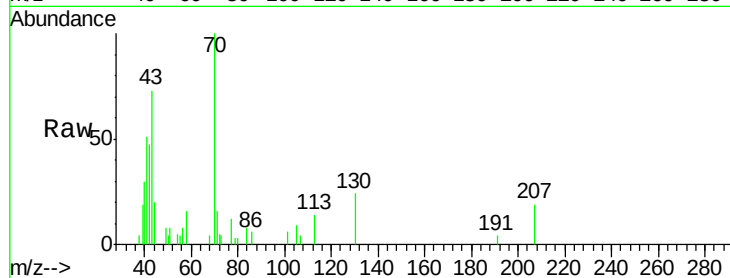
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 0.716 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

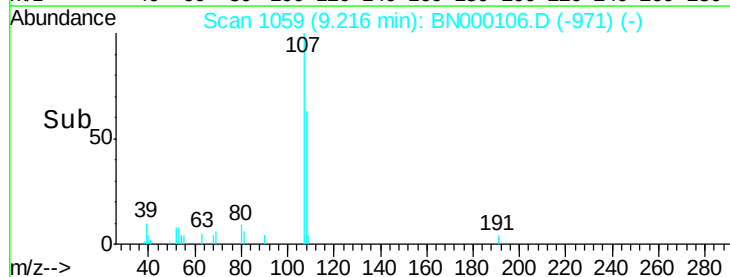
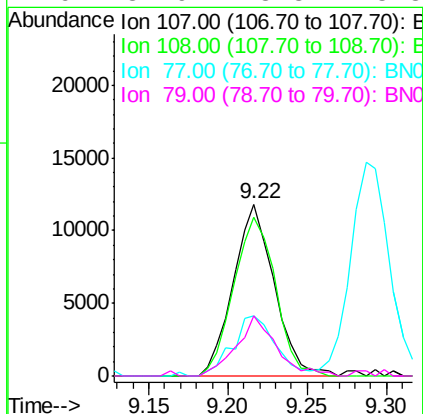
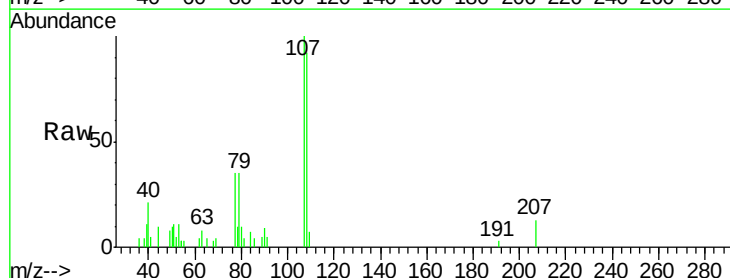
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

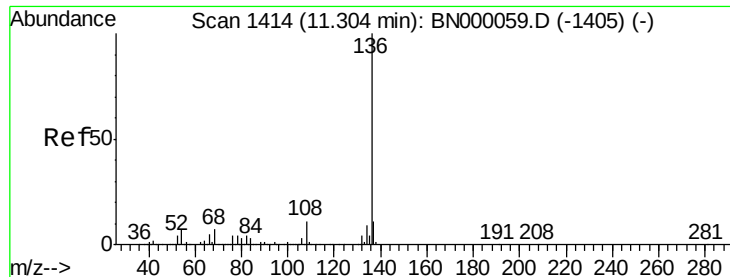
Tot Ion: 70 Resp: 13671
Ion Ratio Lower Upper
70 100
42 47.3 49.1 73.7#
101 6.3 8.5 12.7#
130 24.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 0.710 ng
RT: 9.22 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion: 107 Resp: 21232
Ion Ratio Lower Upper
107 100
108 92.1 61.6 101.6
77 35.2 13.9 53.9
79 34.9 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: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:136 Resp: 1548197

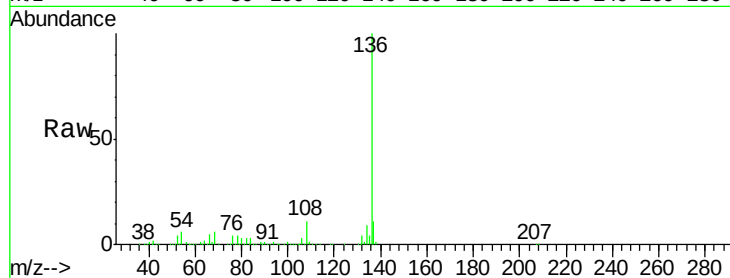
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 6.5 10.3 15.5#

68 6.3 4.5 6.7

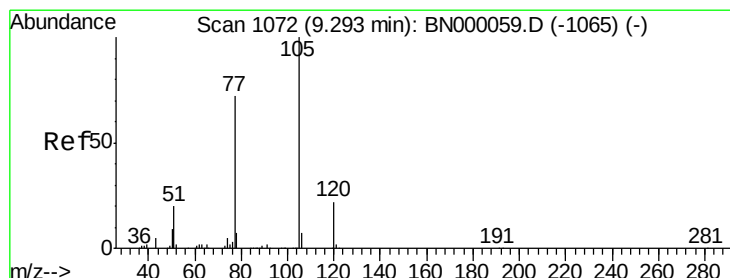
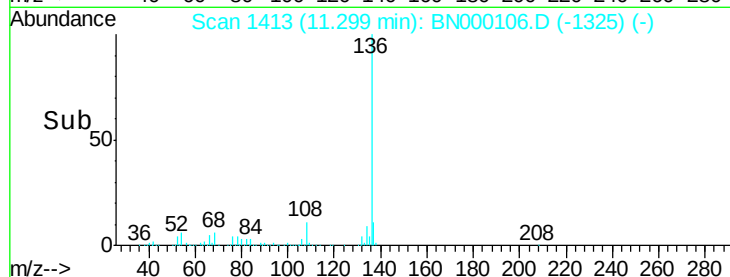
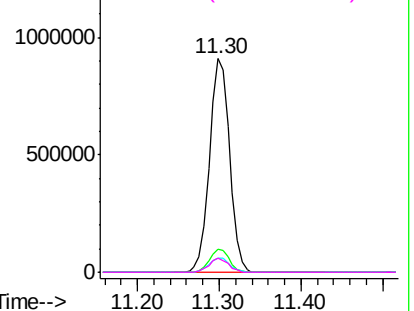


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 0.791 ng

RT: 9.29 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Tgt Ion:105 Resp: 34324

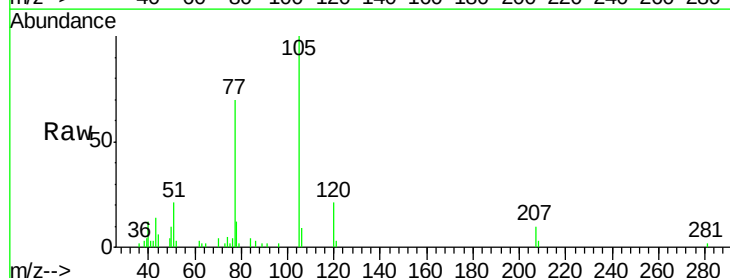
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 21.3 26.1 39.1#

120 21.0 17.4 26.2

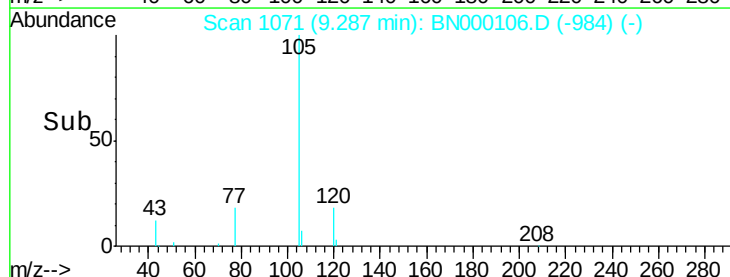
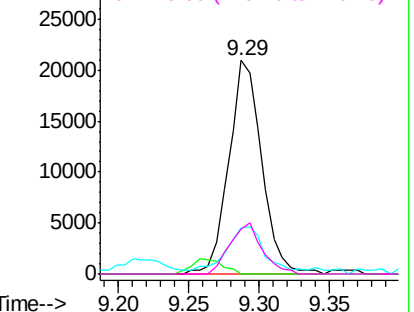


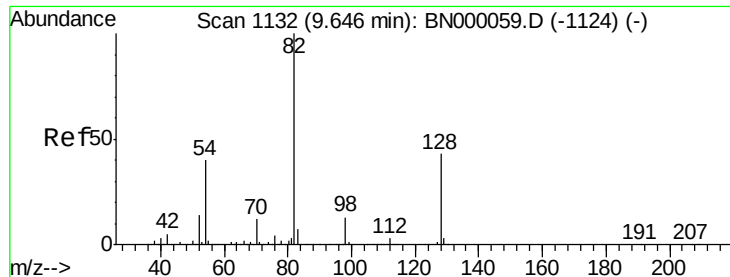
Abundance Ion 105.00 (104.70 to 105.70): E

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

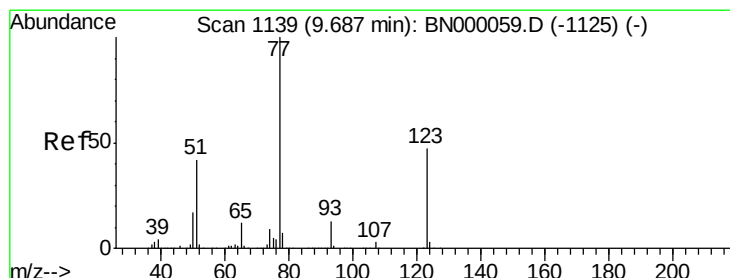
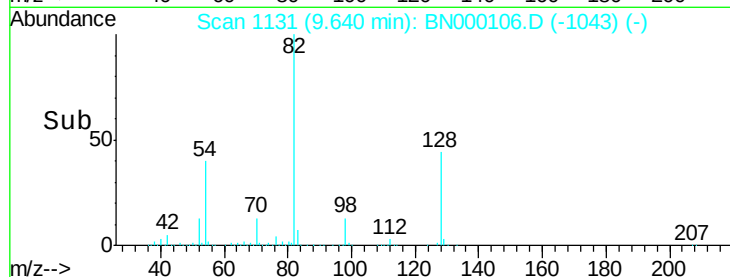
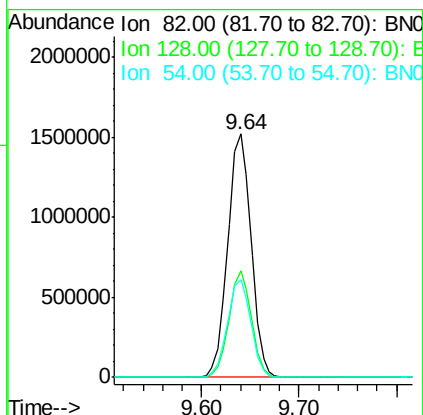
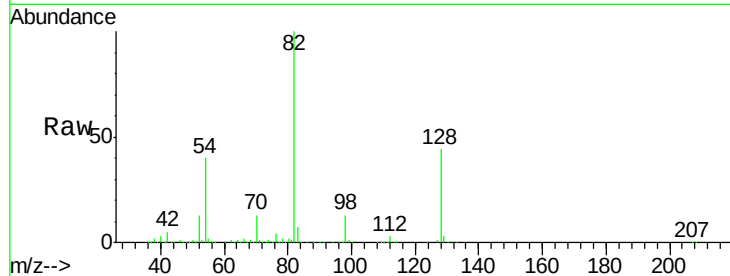




#23
 Nitrobenzene-d5
 Concen: 96.779 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

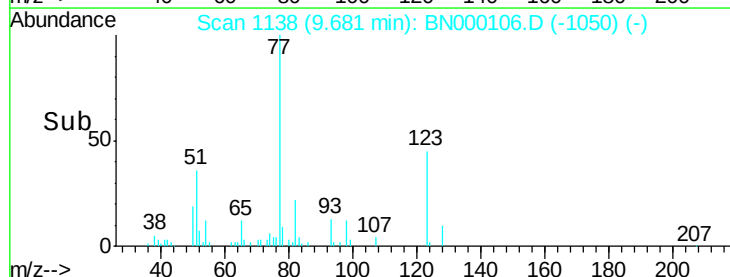
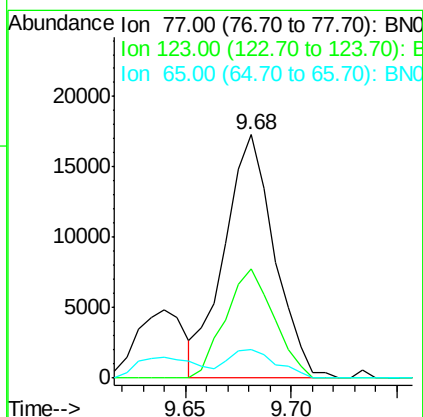
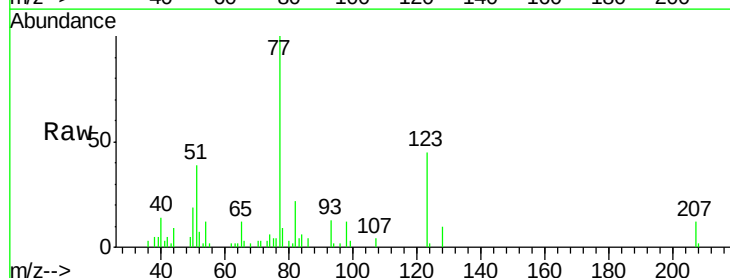
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

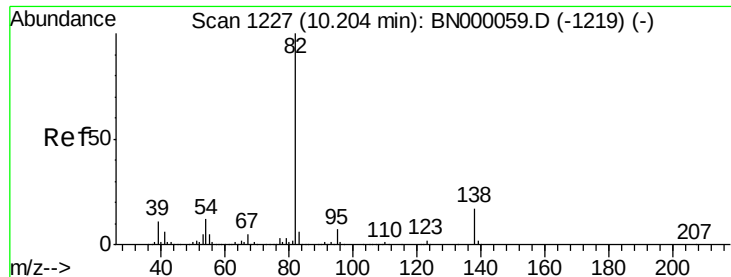
Tot Ion: 82 Resp: 2520076
 Ion Ratio Lower Upper
 82 100
 128 44.0 29.7 44.5
 54 40.2 43.1 64.7#



#24
 Nitrobenzene
 Concen: 0.997 ng
 RT: 9.68 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion: 77 Resp: 28382
 Ion Ratio Lower Upper
 77 100
 123 44.7 33.0 49.6
 65 11.9 13.0 19.6#





#25

Isophorone

Concen: 0.724 ng

RT: 10.20 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

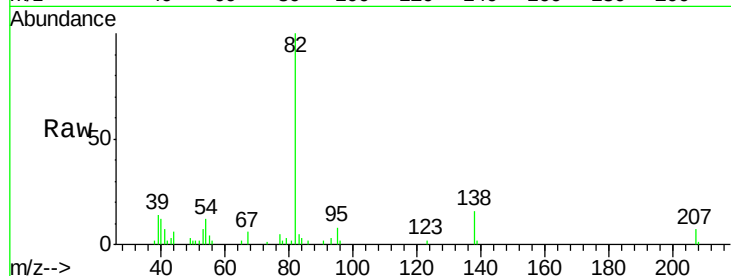
Tot Ion: 82 Resp: 38995

Ion Ratio Lower Upper

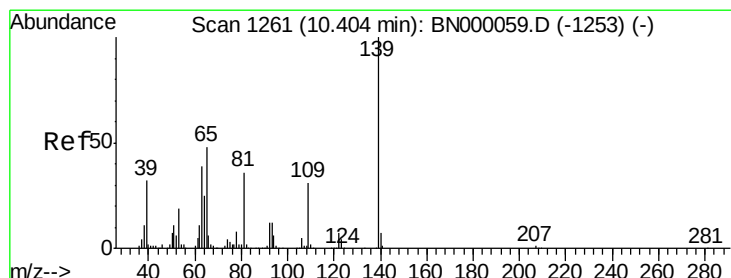
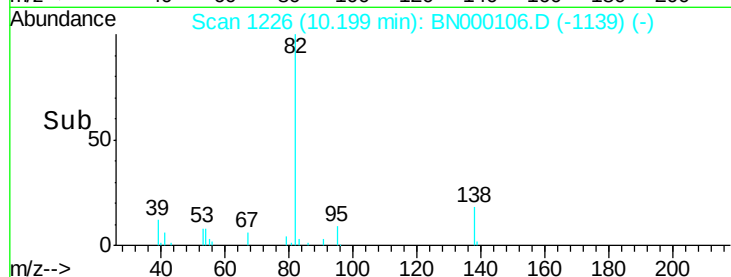
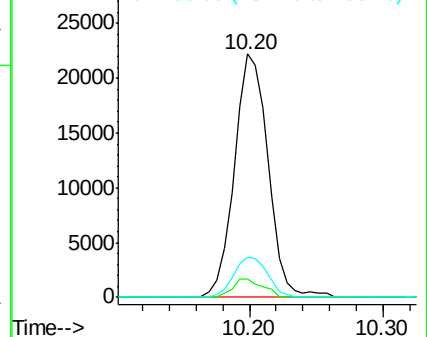
82 100

95 7.8 6.2 9.2

138 16.3 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 138.00 (137.70 to 138.70): BNC



#26

2-Nitrophenol

Concen: 7.642 ng

RT: 10.39 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

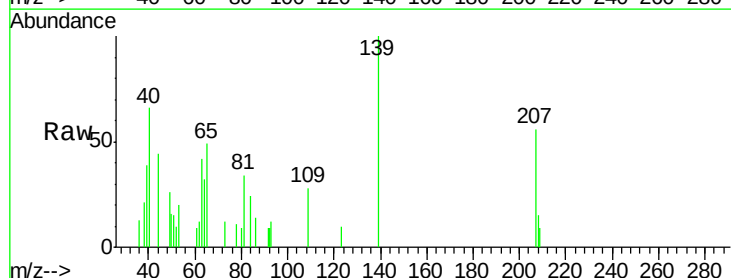
Tgt Ion: 139 Resp: 6165

Ion Ratio Lower Upper

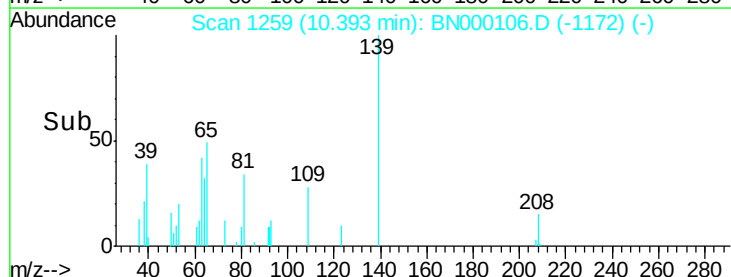
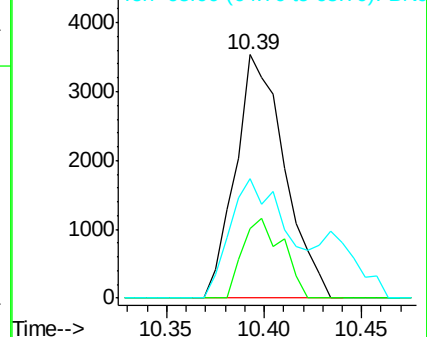
139 100

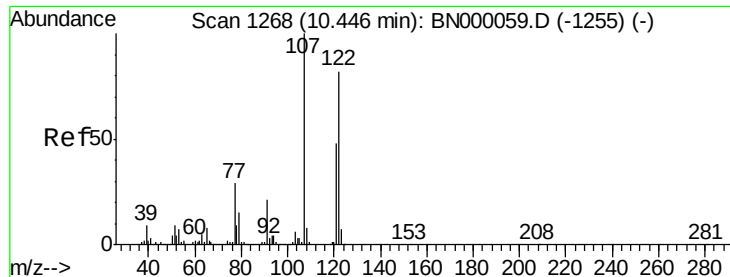
109 28.4 24.2 36.2

65 49.1 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BNC
Ion 109.00 (108.70 to 109.70): BNC
Ion 65.00 (64.70 to 65.70): BNC

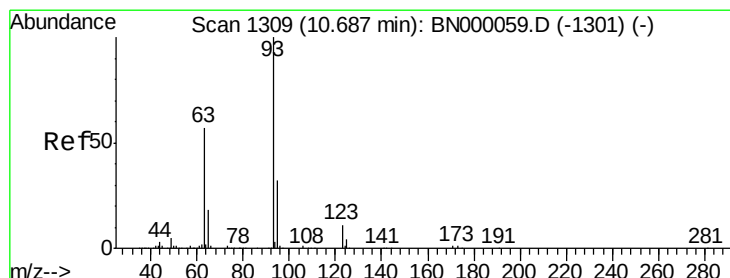
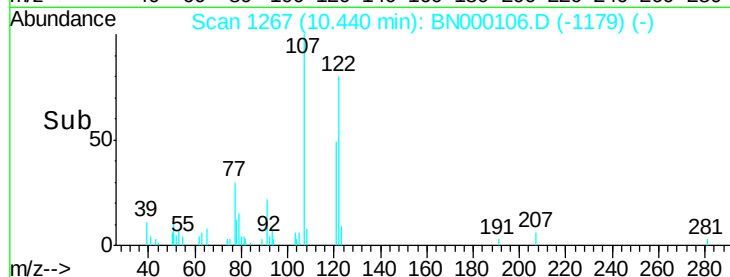
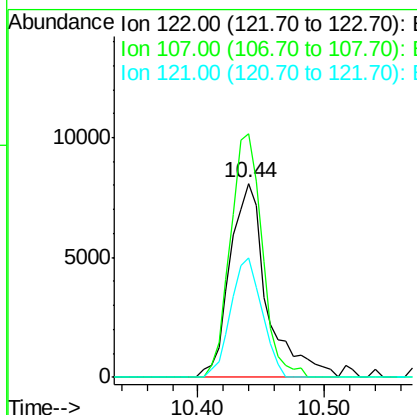
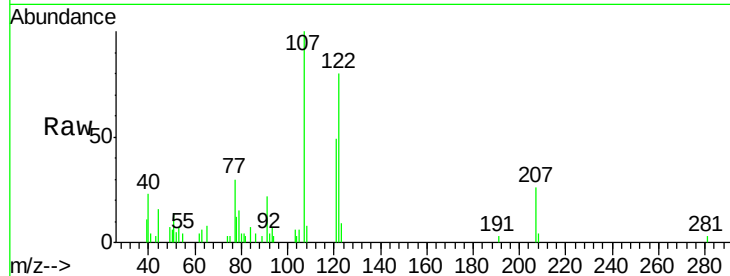




#27
 2,4-Dimethylphenol
 Concen: 0.703 ng
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

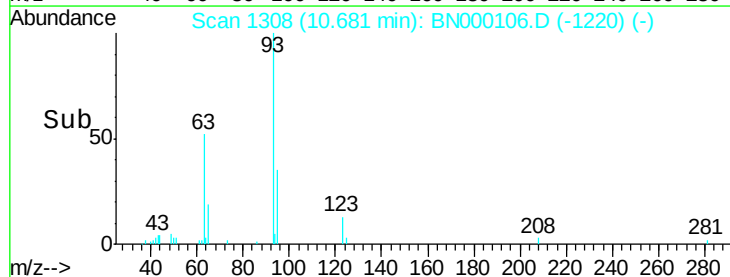
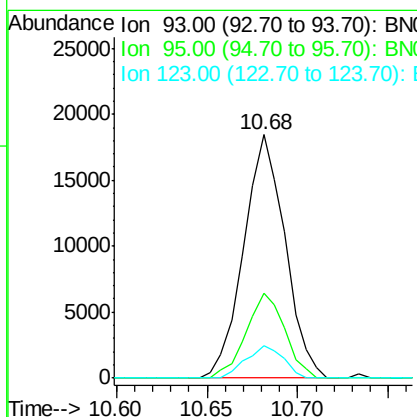
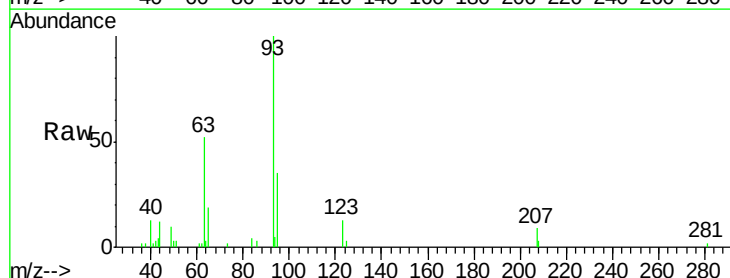
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

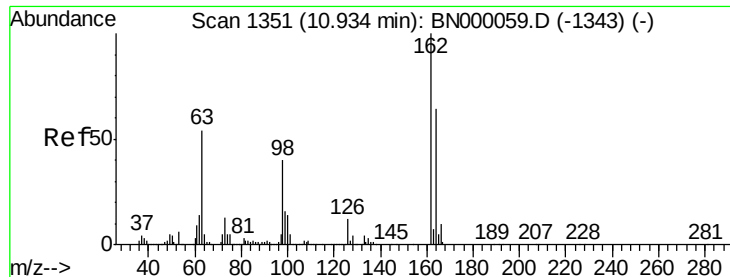
Tot Ion:122 Resp: 16394
 Ion Ratio Lower Upper
 122 100
 107 125.7 100.2 150.2
 121 61.6 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.847 ng
 RT: 10.68 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion: 93 Resp: 29231
 Ion Ratio Lower Upper
 93 100
 95 34.7 24.3 36.5
 123 13.5 8.4 12.6#

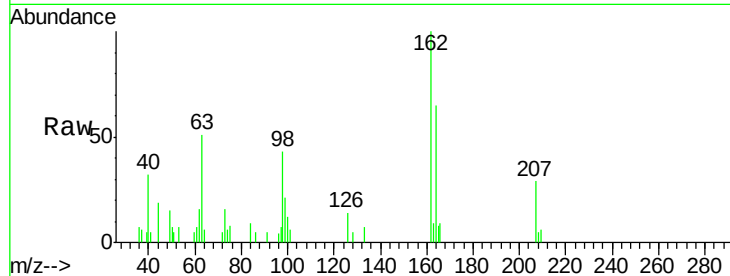




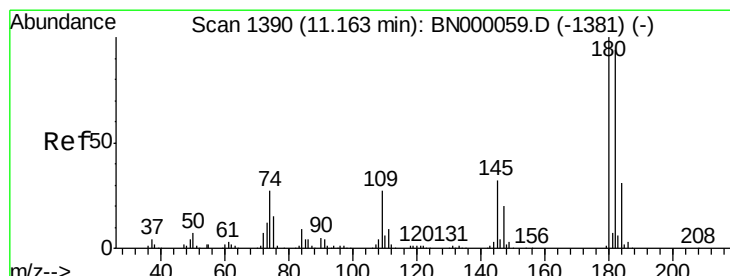
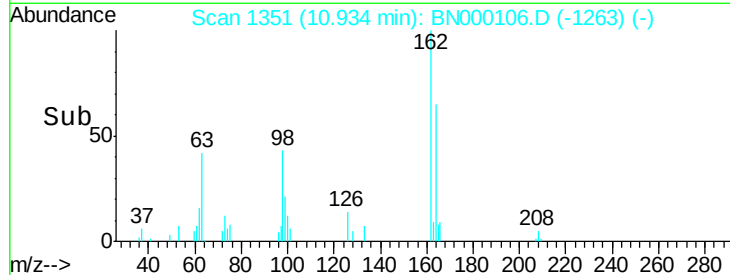
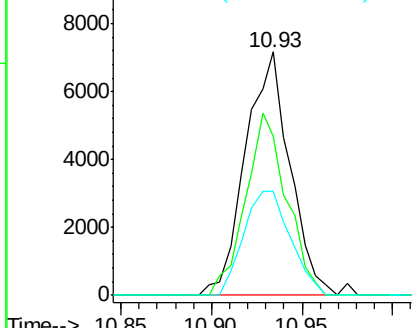
#29
 2,4-Dichlorophenol
 Concen: 0.567 ng
 RT: 10.93 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

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

Tot Ion:162 Resp: 12241
 Ion Ratio Lower Upper
 162 100
 164 65.5 48.0 88.0
 98 42.6 21.1 61.1

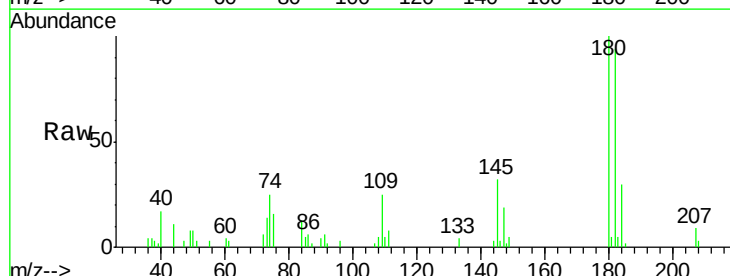


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

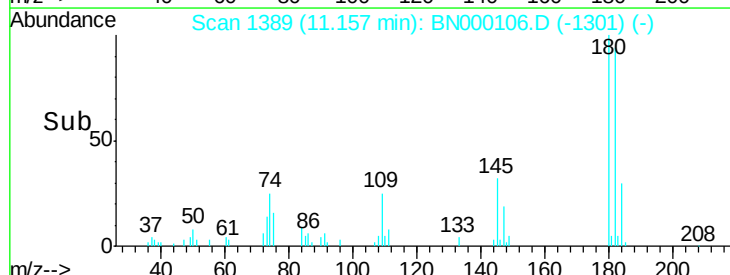
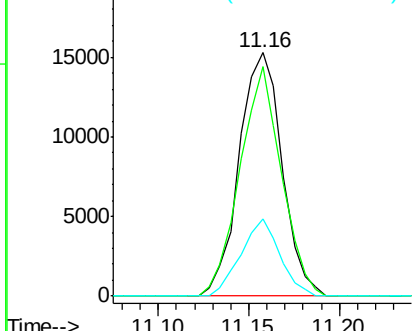


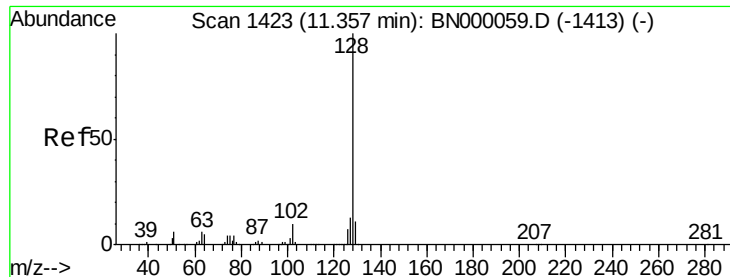
#30
 1,2,4-Trichlorobenzene
 Concen: 1.012 ng
 RT: 11.16 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:180 Resp: 25158
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.5 116.3
 145 31.6 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

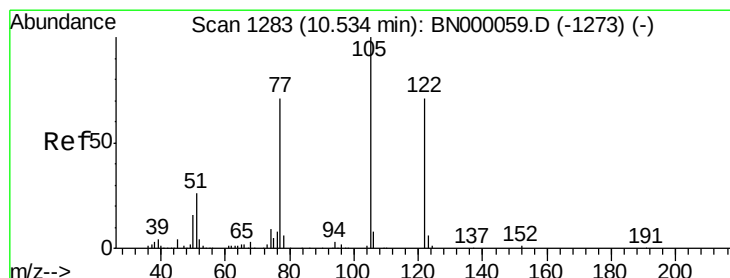
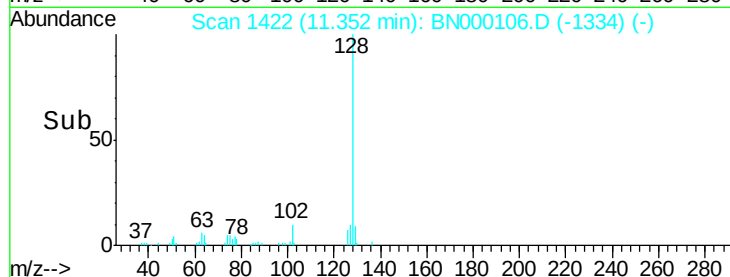
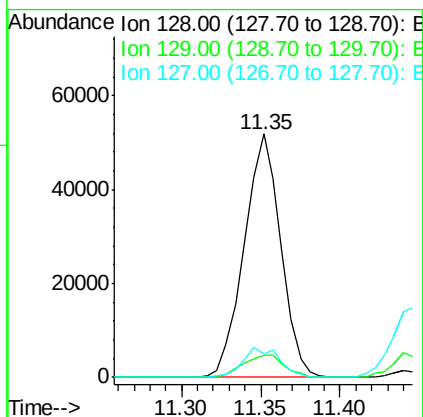
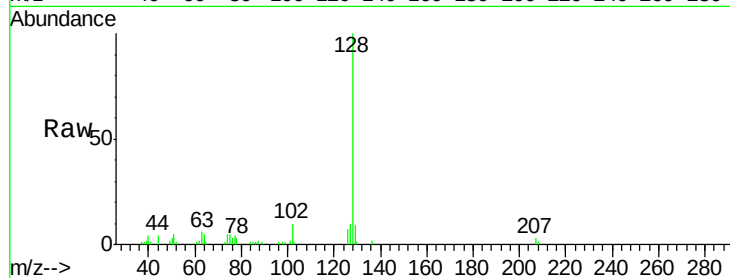




#31
Naphthalene
Concen: 0.977 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

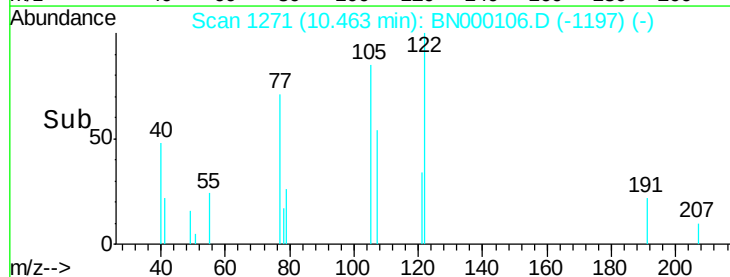
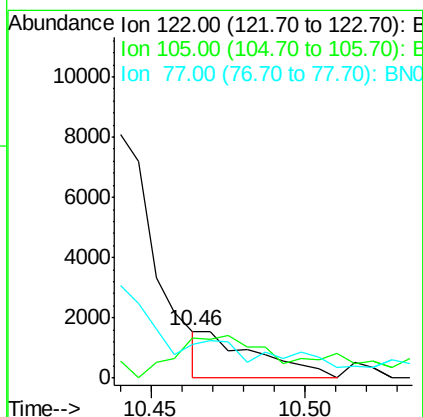
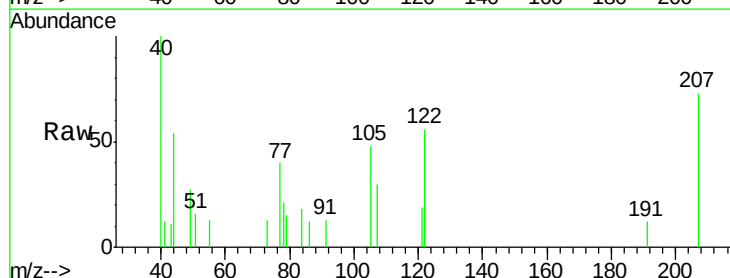
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

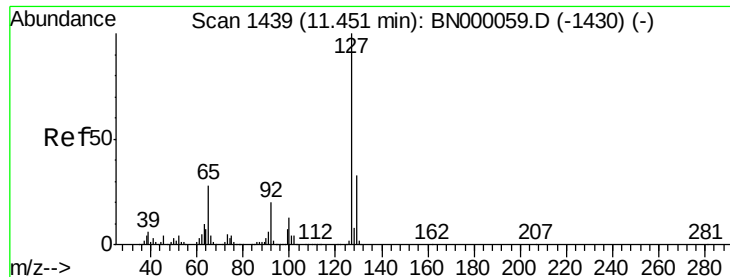
Tot Ion:128 Resp: 82955
Ion Ratio Lower Upper
128 100
129 9.3 8.6 12.8
127 9.8 11.6 17.4#



#32
Benzoic acid
Concen: 10.629 ng m
RT: 10.46 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:122 Resp: 1915
Ion Ratio Lower Upper
122 100
105 84.9 123.5 163.5#
77 70.9 85.7 125.7#

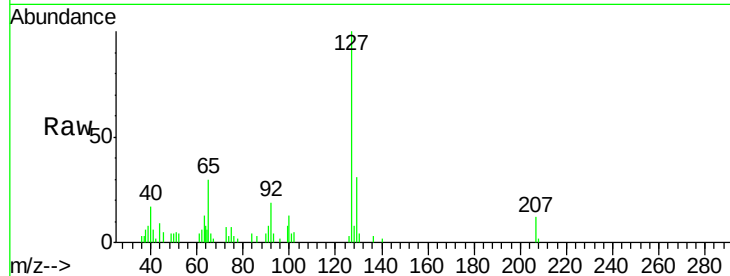




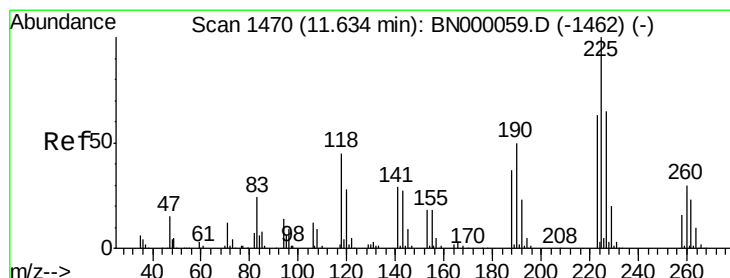
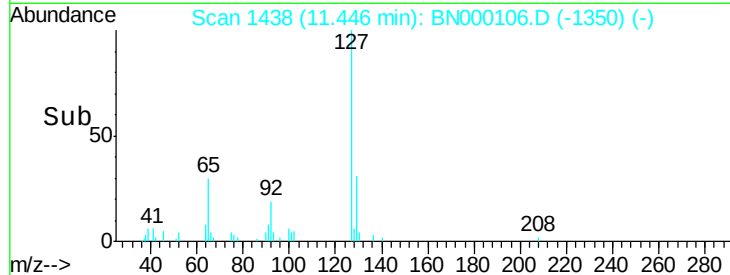
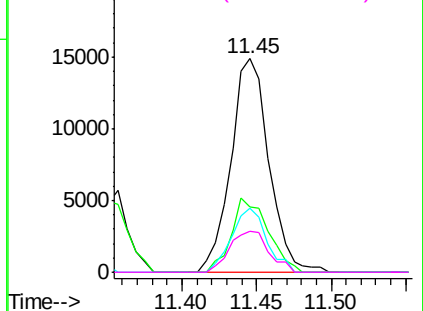
#33
4-Chloroaniline
Concen: 0.708 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

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

Tot Ion:127	Resp:	26413
Ion Ratio	Lower	Upper
127	100	
129	30.6	24.0 36.0
65	30.0	27.0 40.4
92	19.0	16.6 25.0

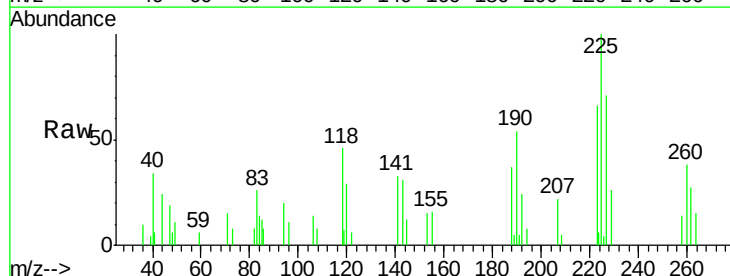


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

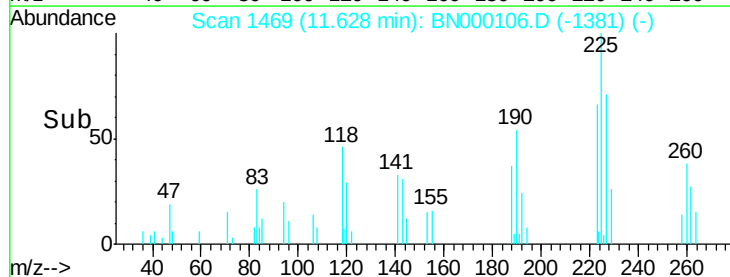
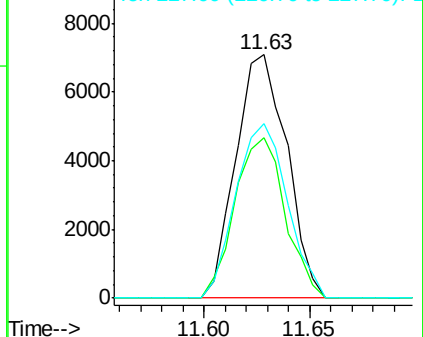


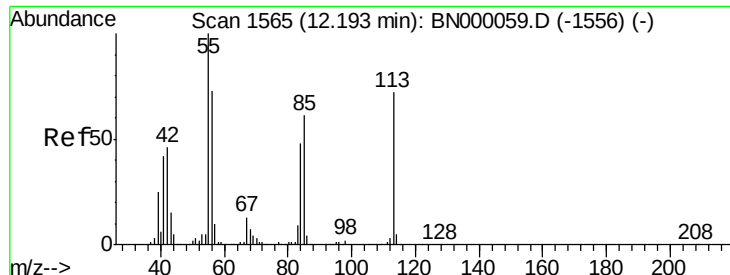
#34
Hexachlorobutadiene
Concen: 0.918 ng
RT: 11.63 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:225	Resp:	11836
Ion Ratio	Lower	Upper
225	100	
223	68.7	49.7 74.5
227	68.5	48.1 72.1



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

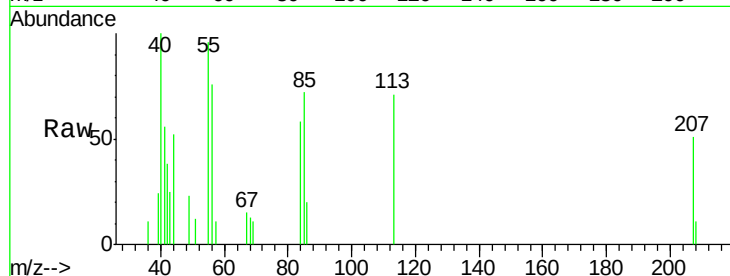




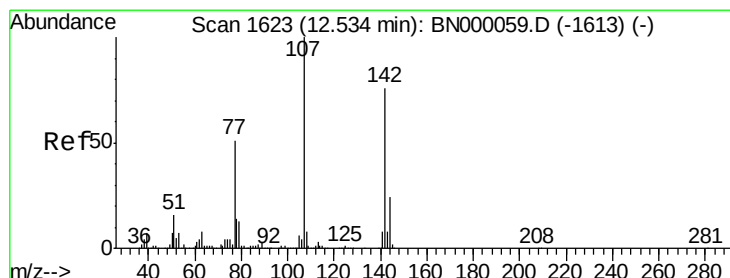
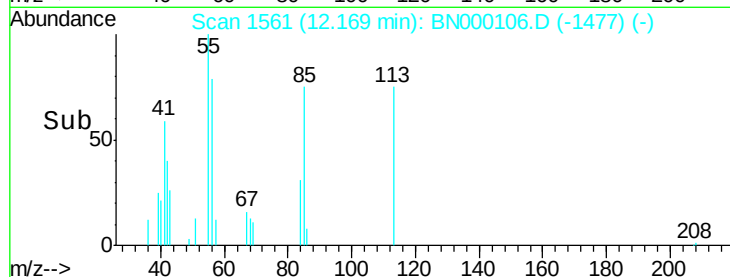
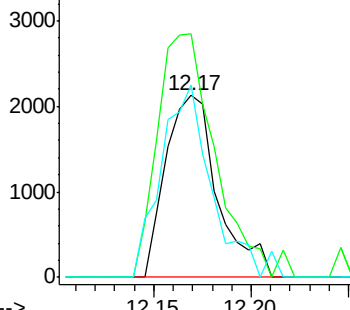
#35
 Caprolactam
 Concen: 4.401 ng
 RT: 12.17 min Scan# 1561
 Delta R.T. -0.03 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

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

Tot Ion:113 Resp: 3939
 Ion Ratio Lower Upper
 113 100
 55 133.9 120.0 160.0
 56 106.2 90.0 130.0

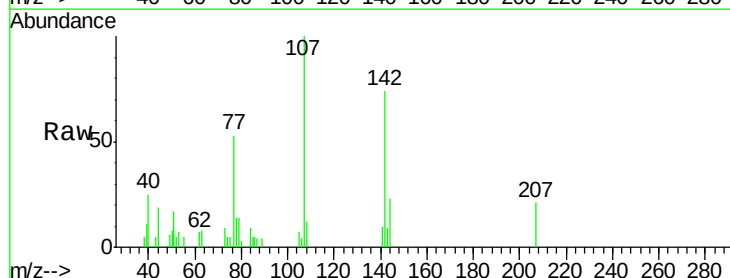


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BNO
 Ion 56.00 (55.70 to 56.70): BNO

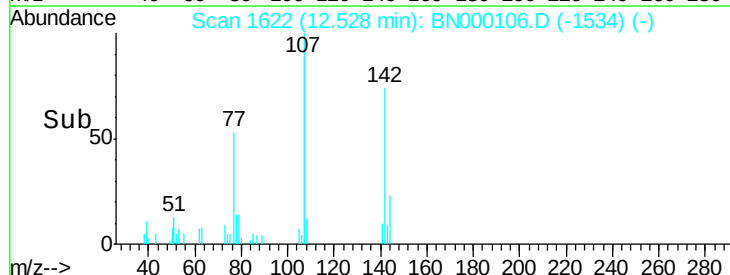
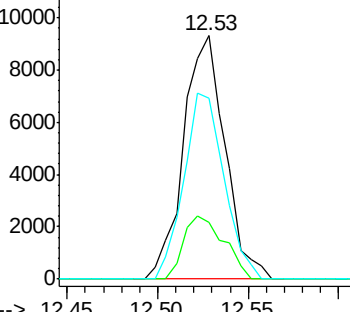


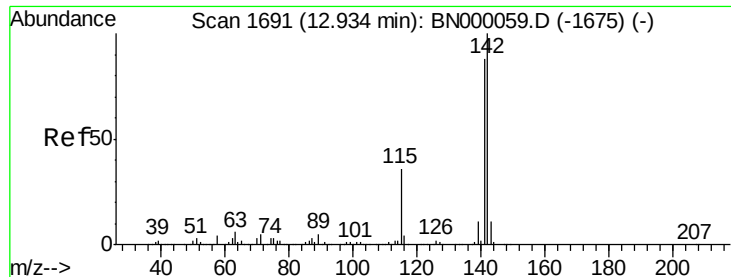
#36
 4-Chloro-3-methylphenol
 Concen: 0.542 ng
 RT: 12.53 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:107 Resp: 14852
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.2 27.4
 142 74.5 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

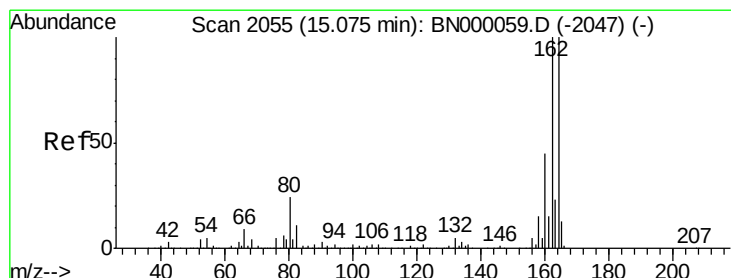
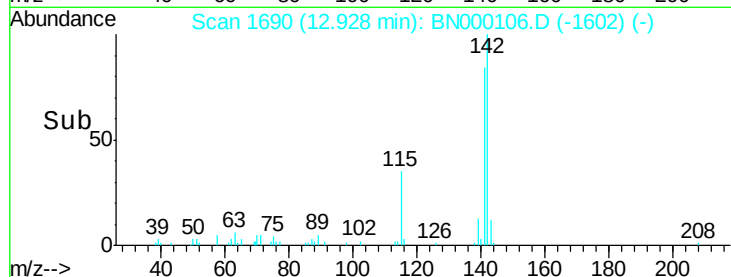
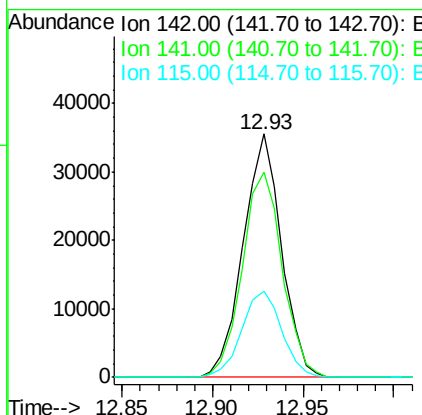
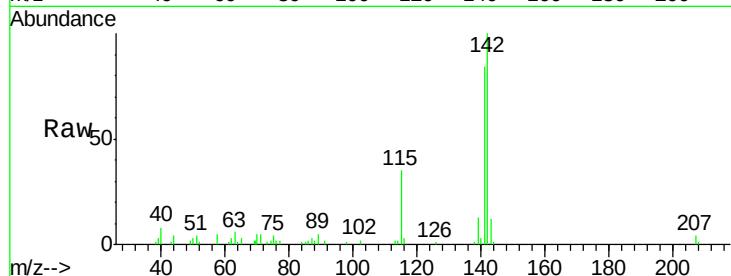




#37
2-Methylnaphthalene
Concen: 0.882 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

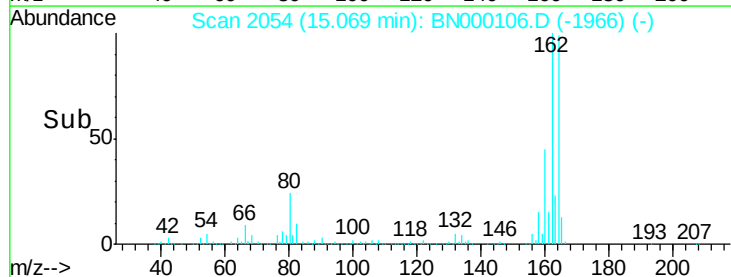
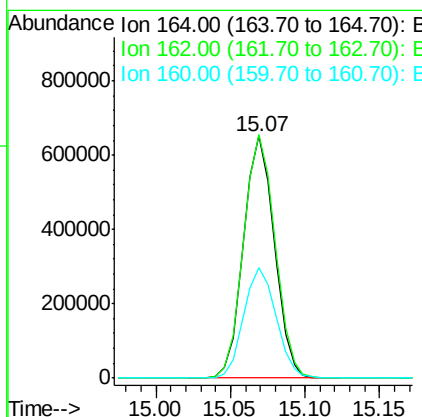
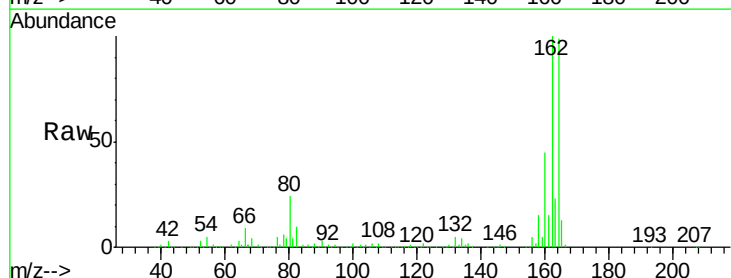
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

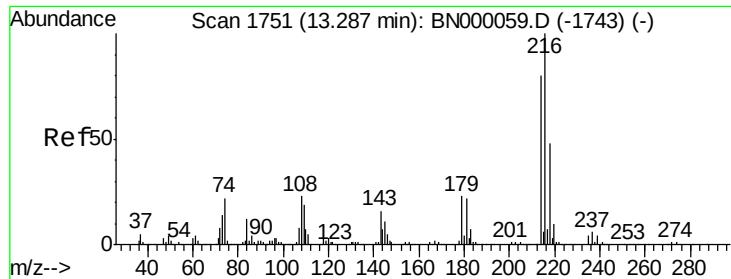
Tot Ion:142 Resp: 52109
Ion Ratio Lower Upper
142 100
141 84.2 67.1 100.7
115 35.2 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:164 Resp: 929058
Ion Ratio Lower Upper
164 100
162 100.7 78.8 118.2
160 45.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.953 ng

RT: 13.28 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:216 Resp: 26124

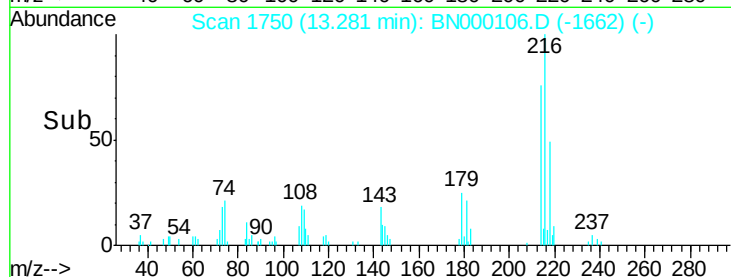
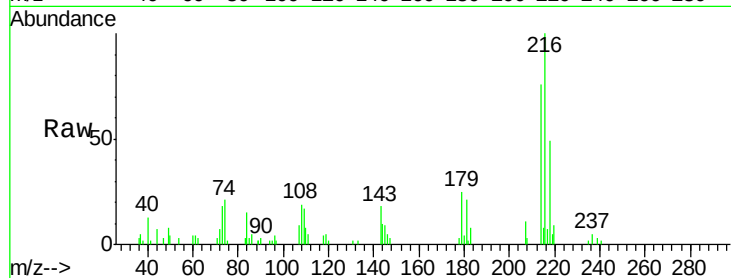
Ion Ratio Lower Upper

216 100

214 77.2 63.0 94.4

179 24.8 17.0 25.6

108 21.7 12.8 19.2#

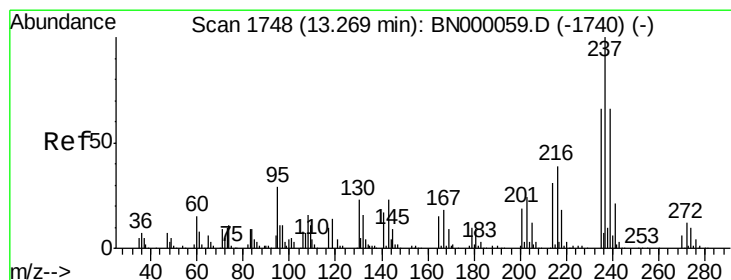
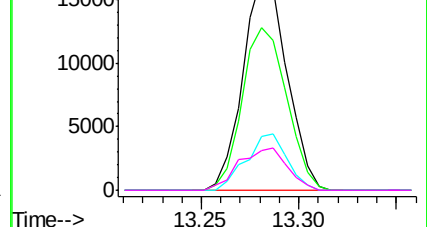


Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.652 ng

RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

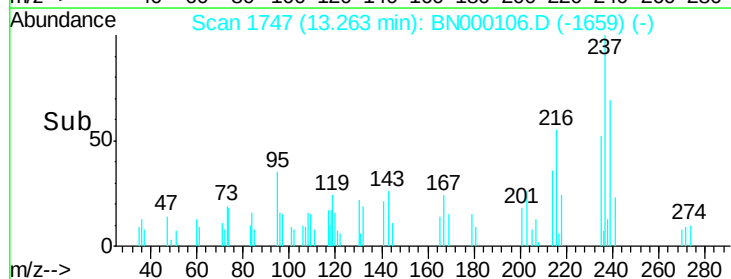
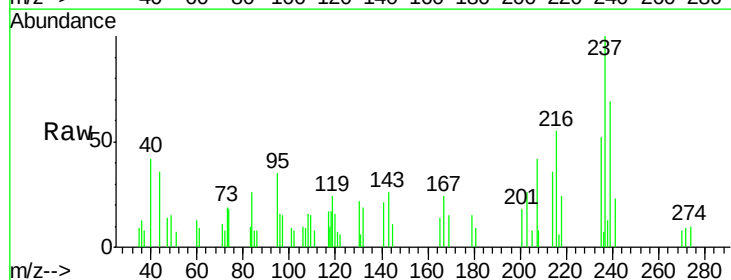
Tgt Ion:237 Resp: 7457

Ion Ratio Lower Upper

237 100

235 52.3 50.4 90.4

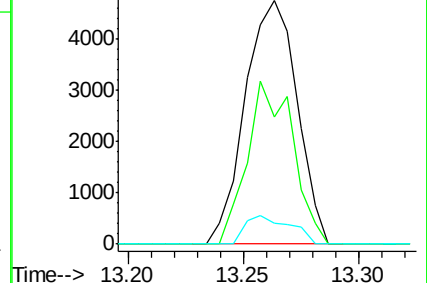
272 8.6 0.0 31.8

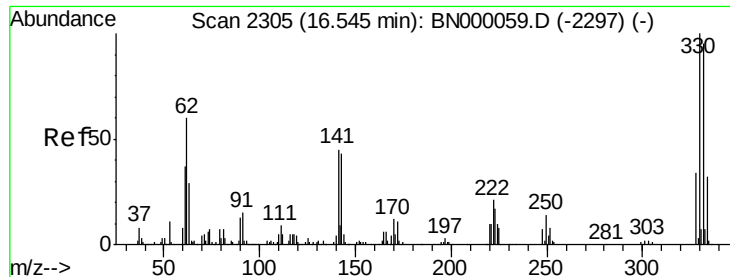


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

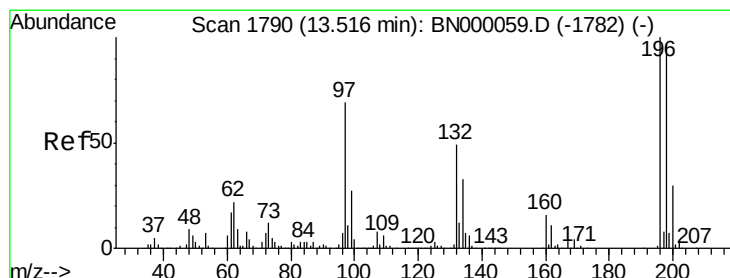
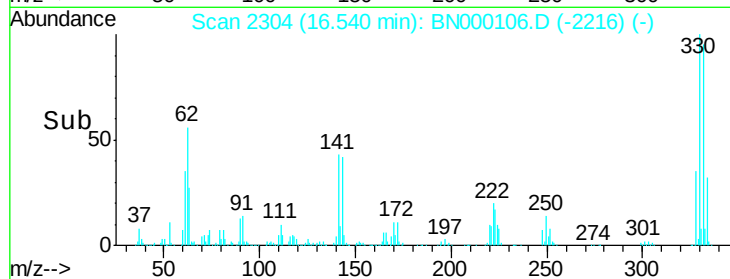
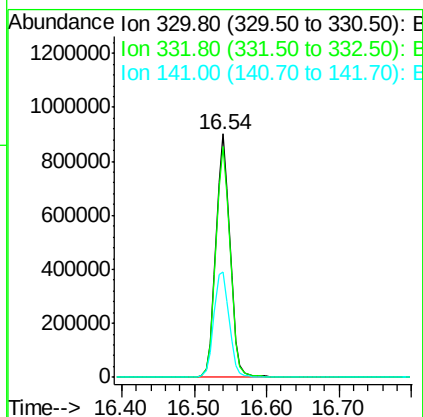
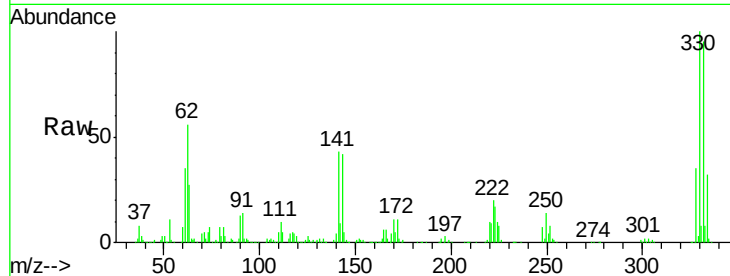




#41
 2,4,6-Tribromophenol
 Concen: 134.208 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

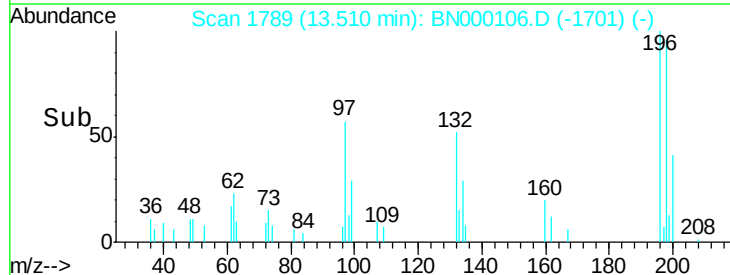
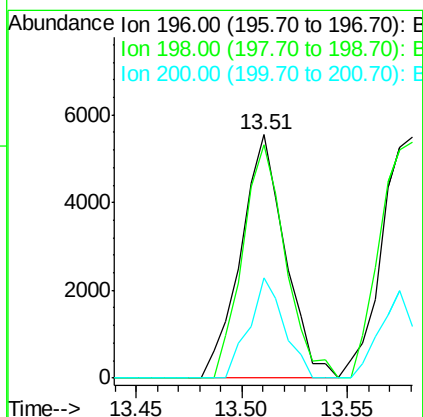
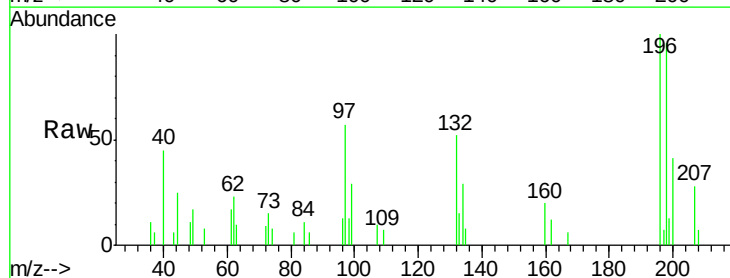
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

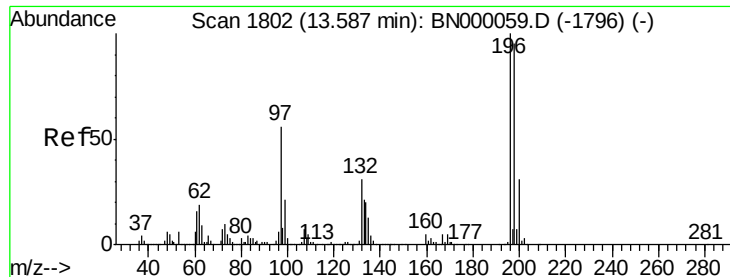
Tot Ion:330 Resp: 1234212
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 47.0 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 0.495 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:196 Resp: 8132
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.2 117.2
 200 41.1 24.6 36.8#

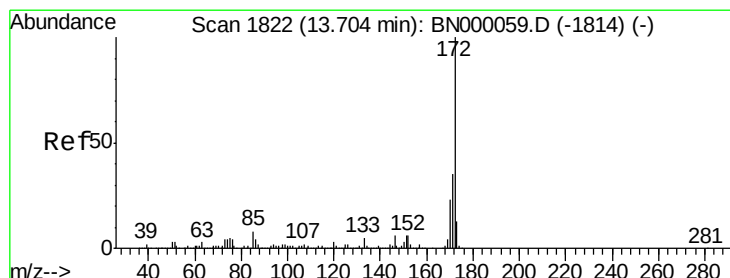
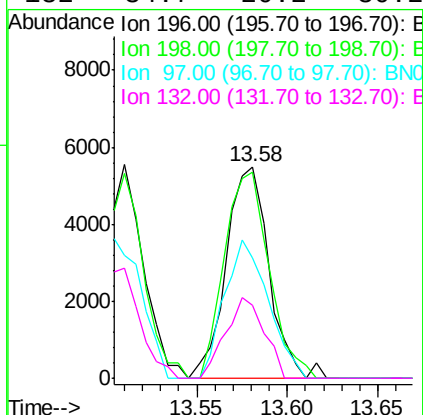
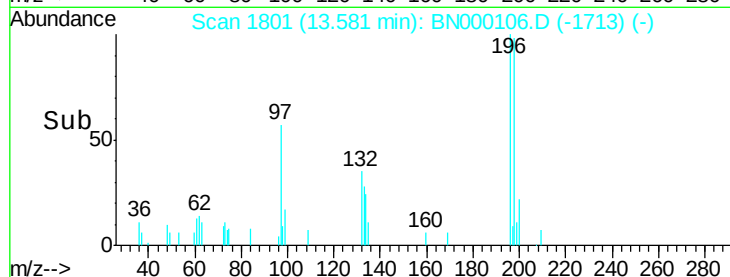
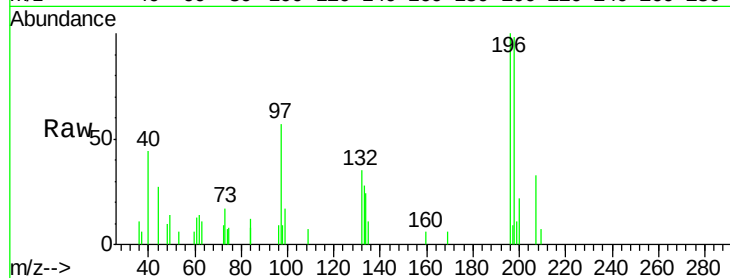




#43
2,4,5-Trichlorophenol
Concen: 0.457 ng
RT: 13.58 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

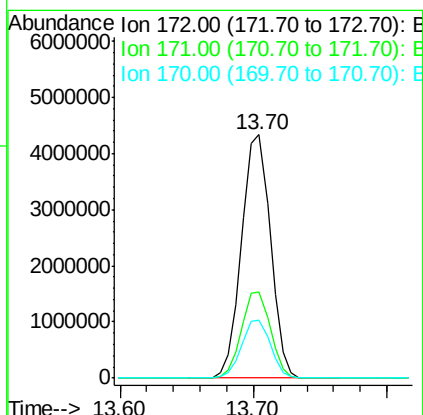
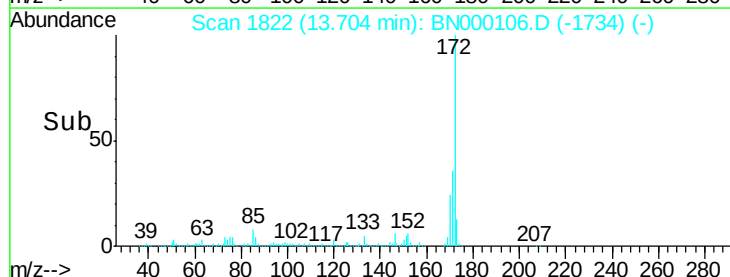
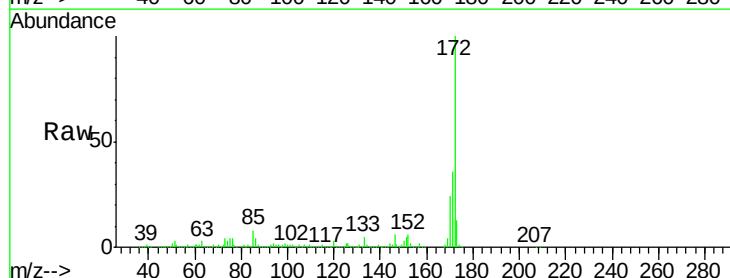
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

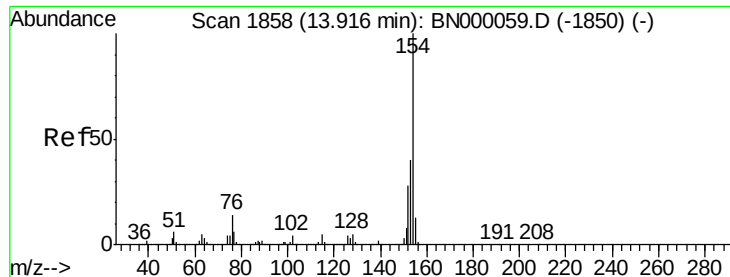
Tot Ion:196 Resp: 9024
Ion Ratio Lower Upper
196 100
198 97.7 76.2 114.4
97 56.6 38.7 58.1
132 34.7 20.2 30.2#



#44
2-Fluorobiphenyl
Concen: 98.536 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:172 Resp: 6495300
Ion Ratio Lower Upper
172 100
171 35.5 30.0 45.0
170 24.1 19.5 29.3





#45

1,1'-Biphenyl

Concen: 1.077 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

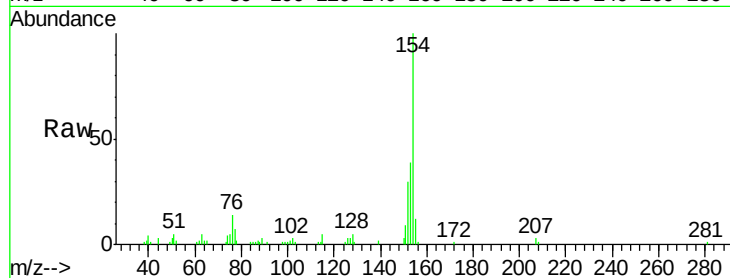
Tot Ion:154 Resp: 88092

Ion Ratio Lower Upper

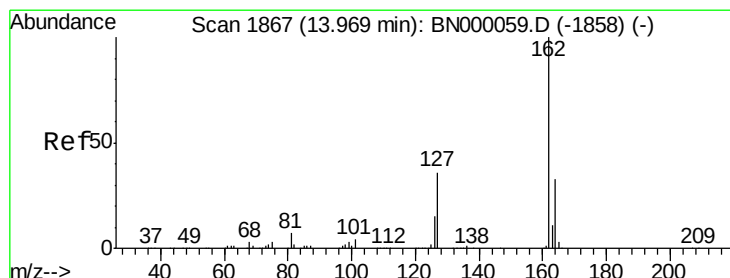
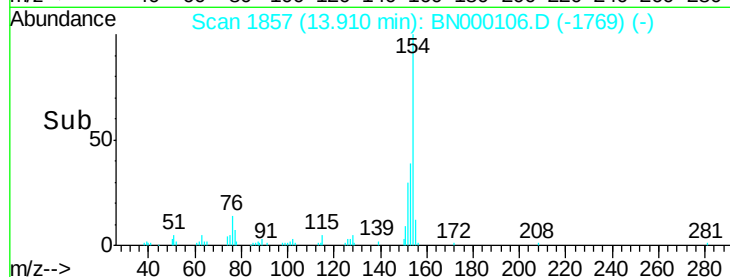
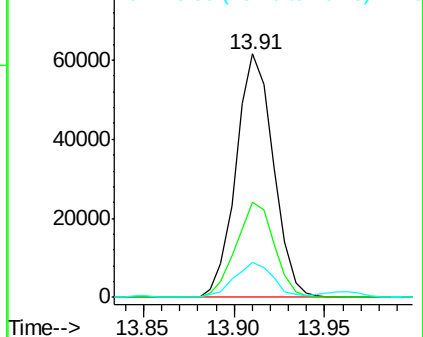
154 100

153 39.1 19.8 59.8

76 14.2 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: 0.949 ng

RT: 13.96 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

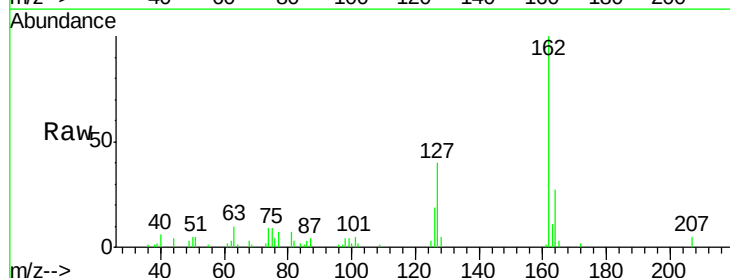
Tgt Ion:162 Resp: 58283

Ion Ratio Lower Upper

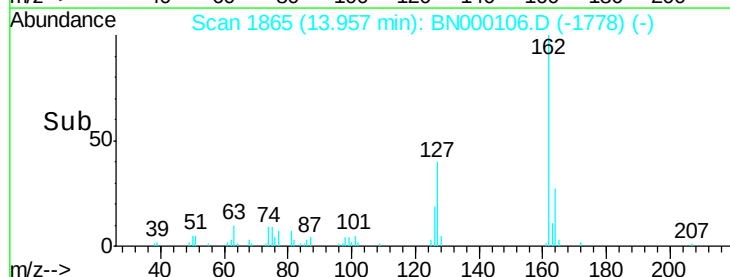
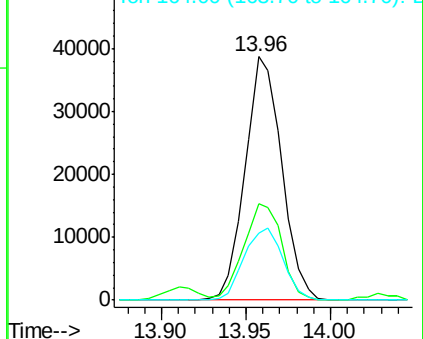
162 100

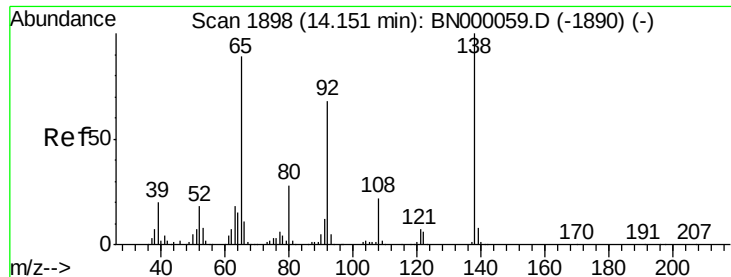
127 39.6 30.7 46.1

164 27.4 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: 5.266 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

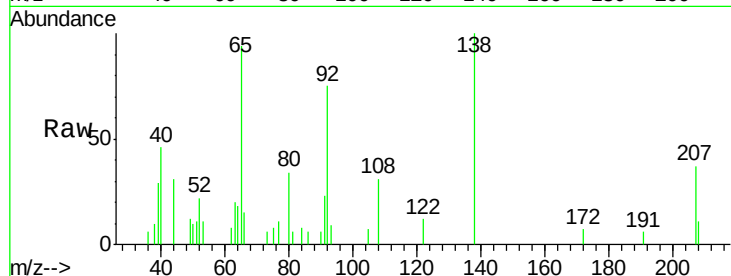
Tot Ion: 65 Resp: 7774

Ion Ratio Lower Upper

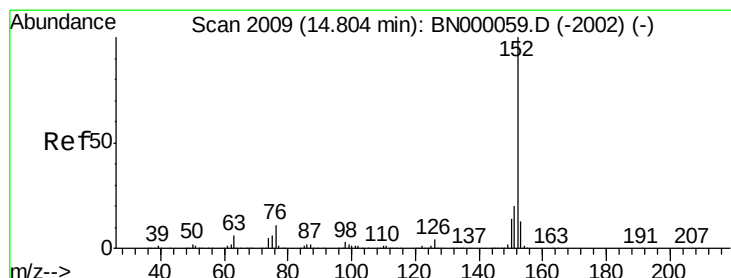
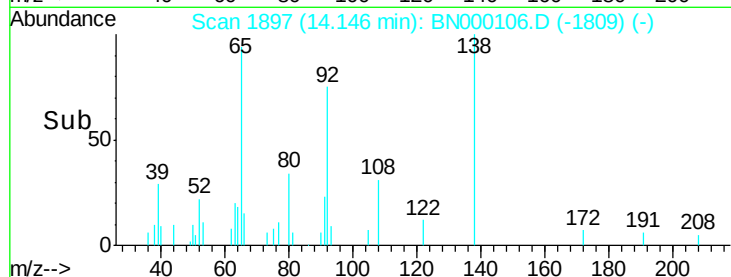
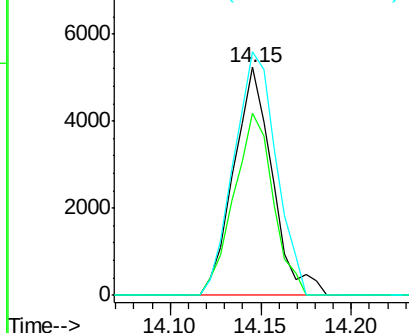
65 100

92 80.0 54.6 82.0

138 106.8 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BNO
Ion 92.00 (91.70 to 92.70): BNO
Ion 138.00 (137.70 to 138.70): B



#48

Acenaphthylene

Concen: 0.668 ng

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

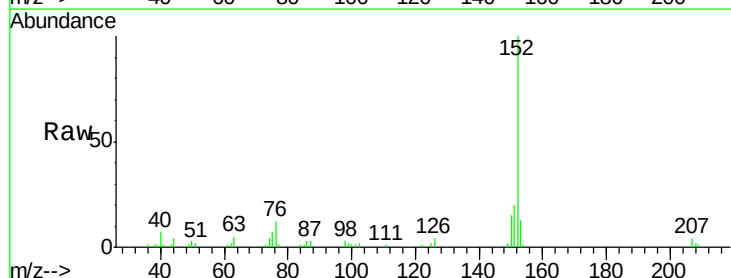
Tgt Ion: 152 Resp: 66123

Ion Ratio Lower Upper

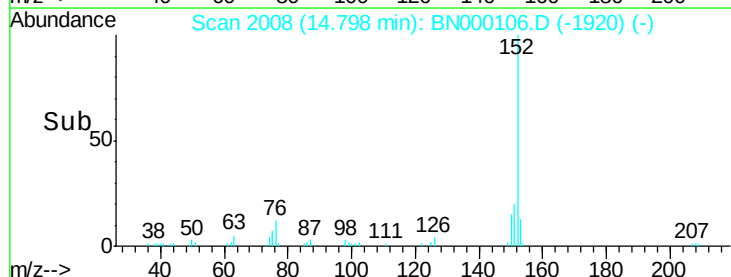
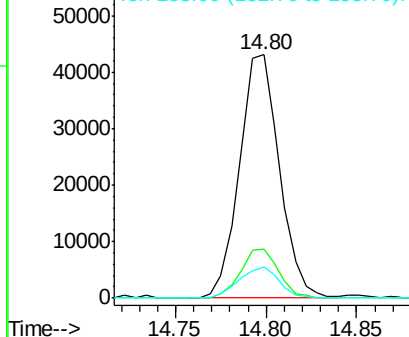
152 100

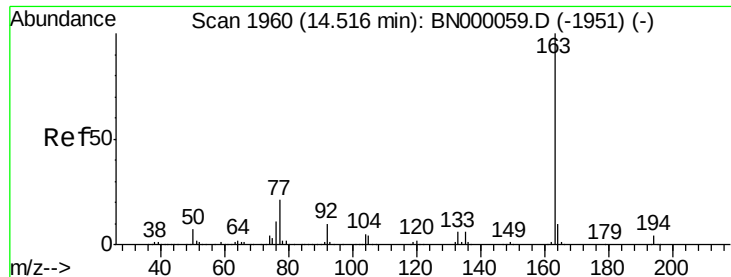
151 20.1 17.2 25.8

153 12.7 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

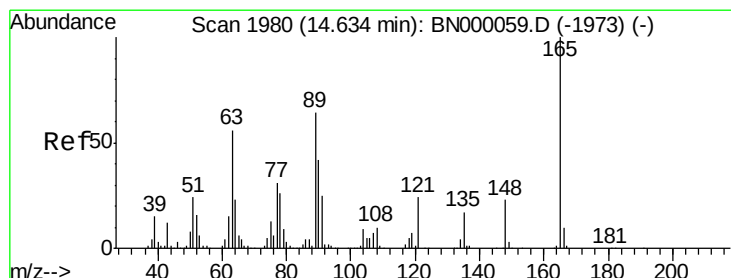
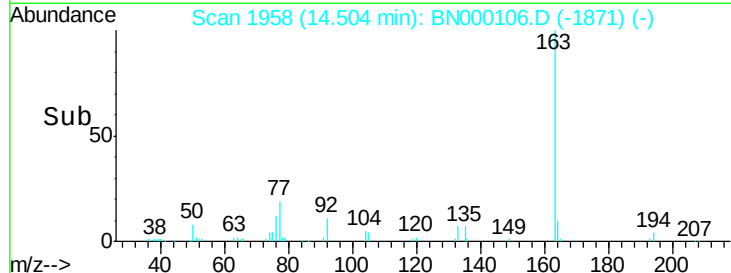
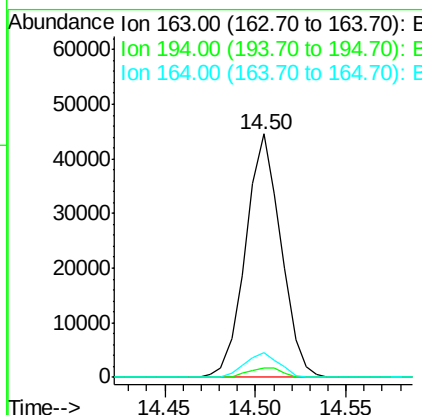
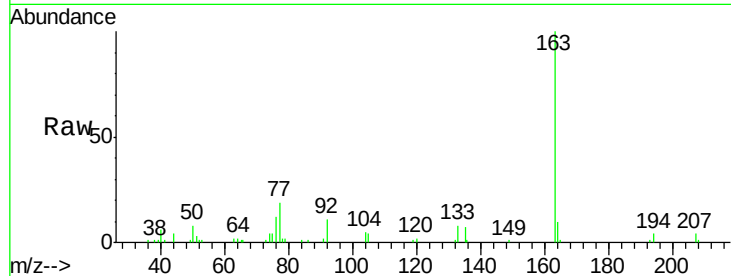




#49
Dimethylphthalate
Concen: 0.776 ng
RT: 14.50 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

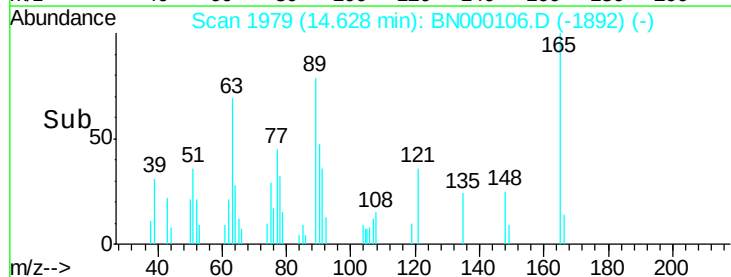
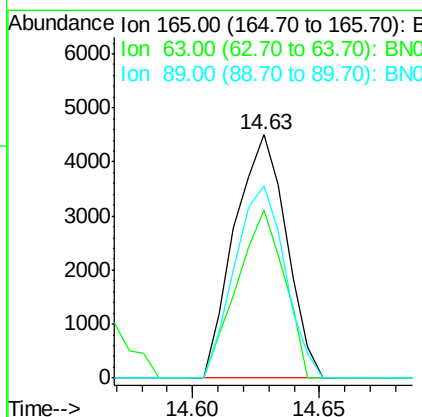
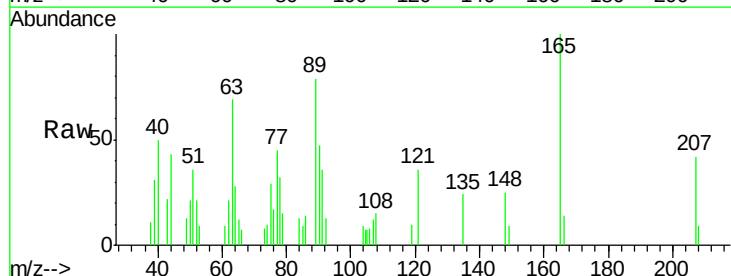
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

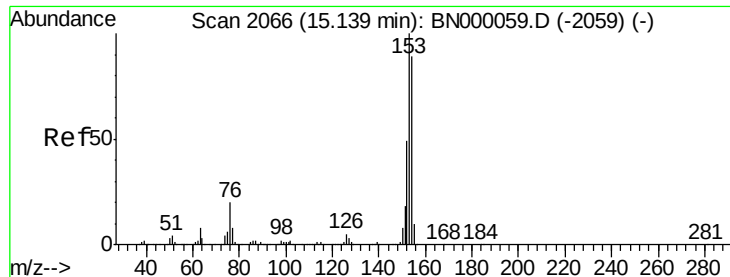
Tot Ion:163 Resp: 60278
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.9 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 0.400 ng
RT: 14.63 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:165 Resp: 6418
Ion Ratio Lower Upper
165 100
63 69.2 52.7 79.1
89 79.0 49.2 73.8#





#51

Acenaphthene

Concen: 0.926 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

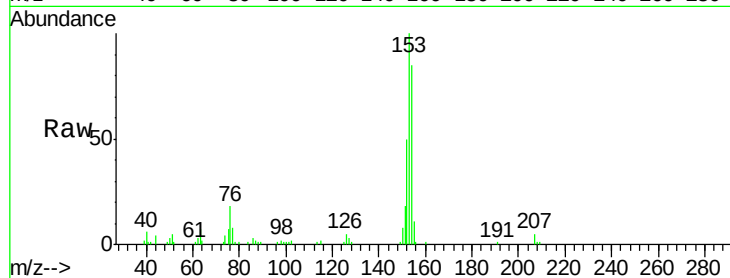
Tot Ion:154 Resp: 59632

Ion Ratio Lower Upper

154 100

153 118.3 90.4 135.6

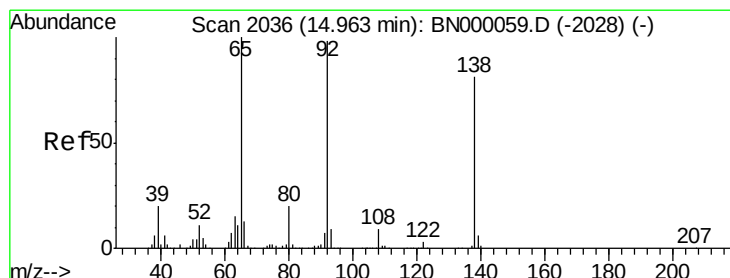
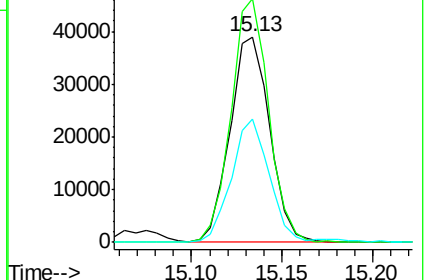
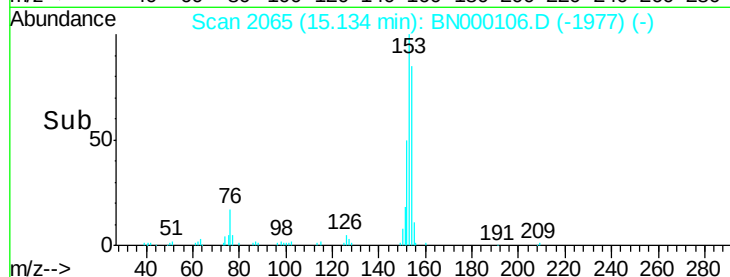
152 59.7 41.6 62.4



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: 0.414 ng

RT: 14.95 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

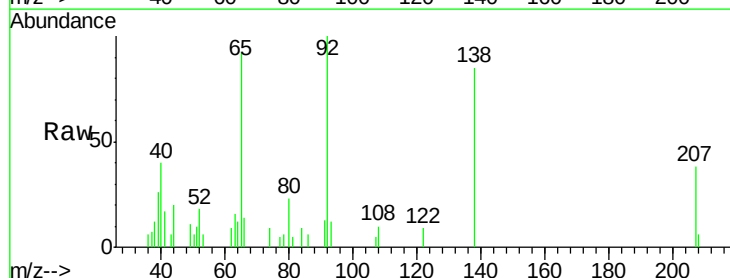
Tgt Ion:138 Resp: 8074

Ion Ratio Lower Upper

138 100

108 12.4 17.5 26.3#

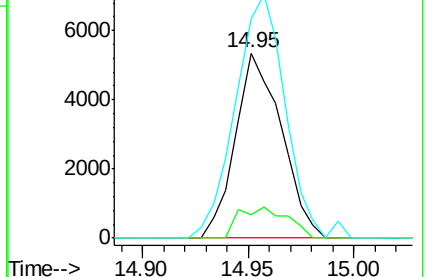
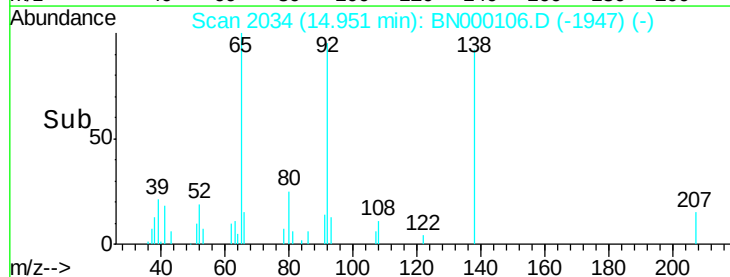
92 118.0 105.8 158.8

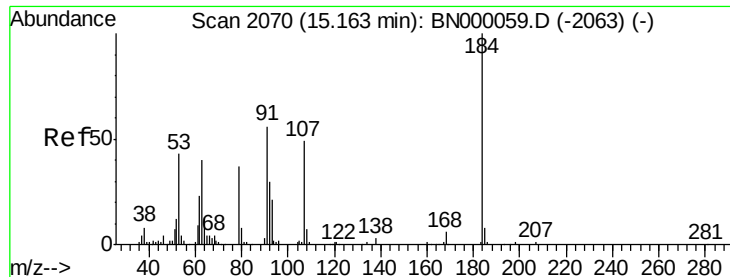


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

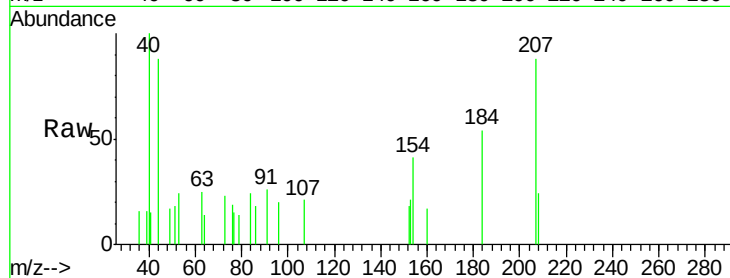




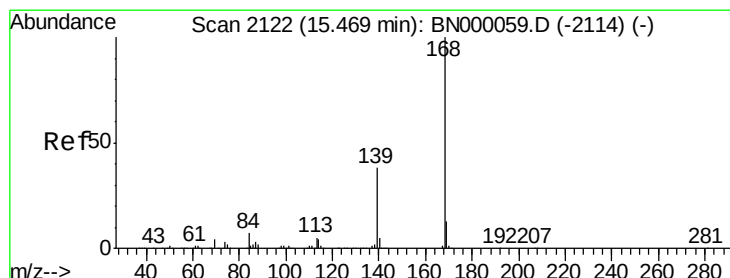
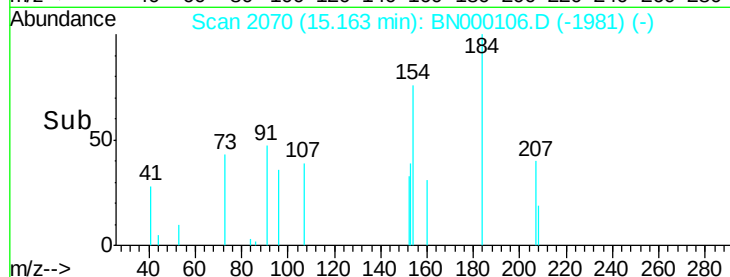
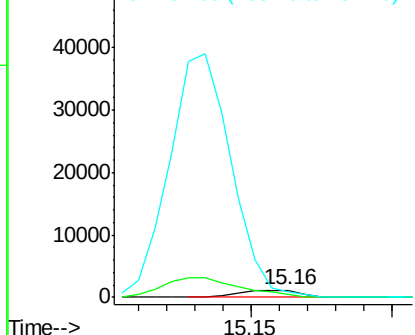
#53
2,4-Dinitrophenol
Concen: 9.493 ng
RT: 15.16 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

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

Tot Ion:184 Resp: 1707
Ion Ratio Lower Upper
184 100
63 46.3 80.0 120.0#
154 75.8 308.0 462.0#

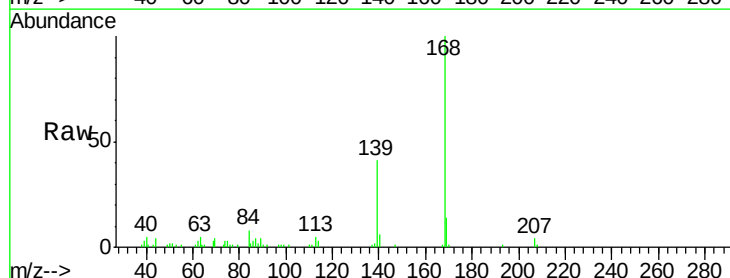


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

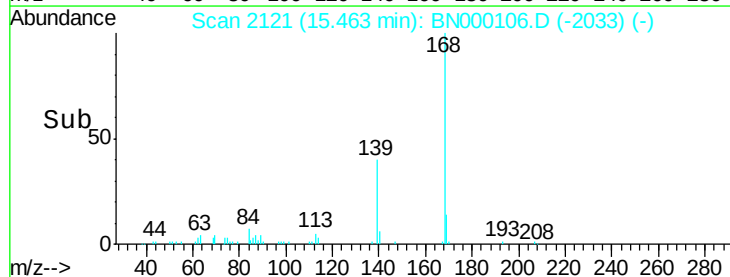
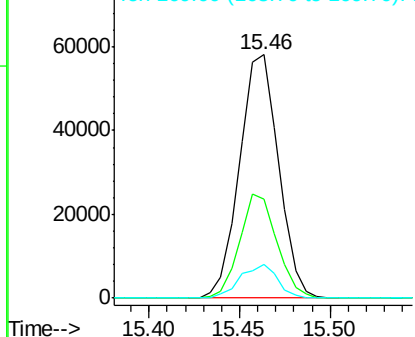


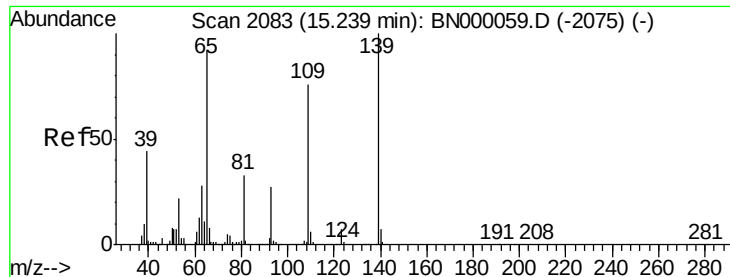
#54
Dibenzofuran
Concen: 0.950 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:168 Resp: 86657
Ion Ratio Lower Upper
168 100
139 40.7 28.6 43.0
169 13.7 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

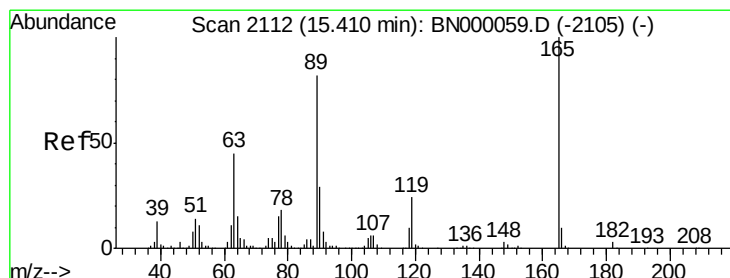
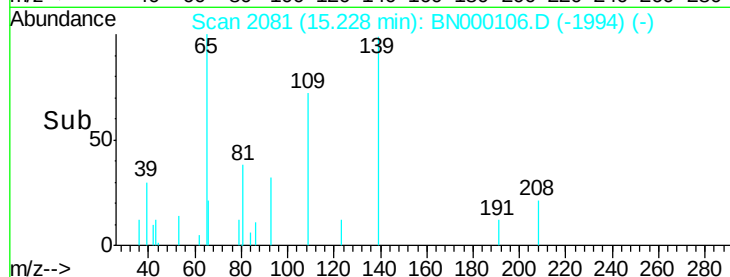
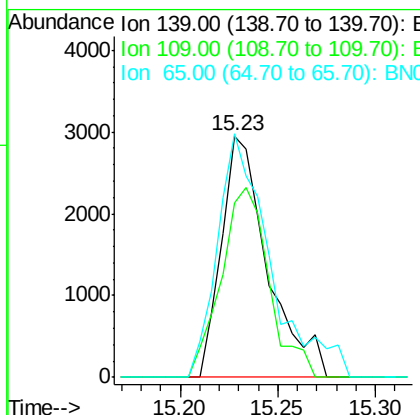
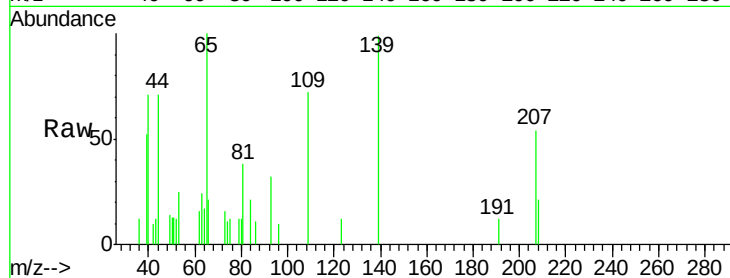




#55
4-Nitrophenol
Concen: 5.261 ng
RT: 15.23 min Scan# 2081
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

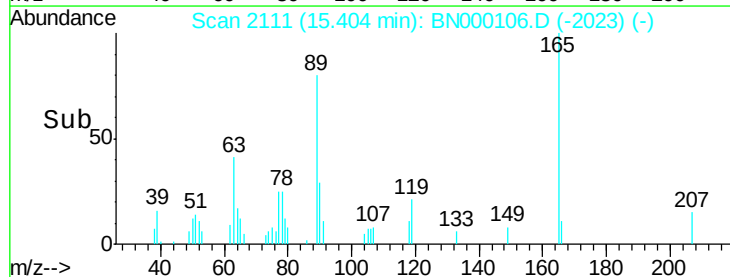
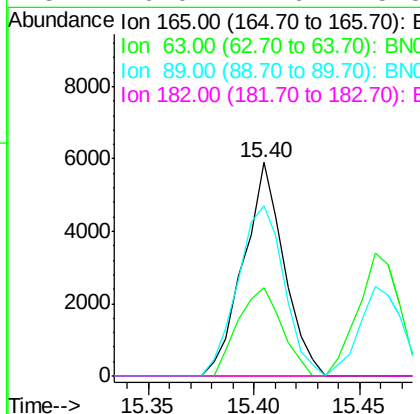
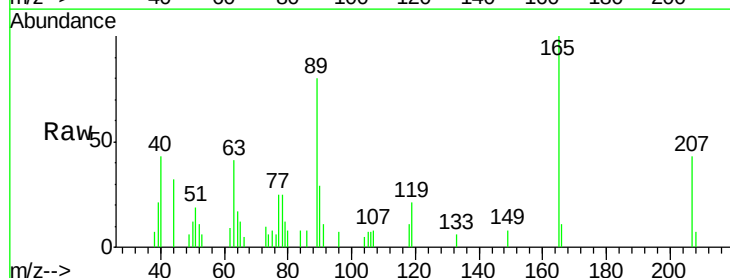
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

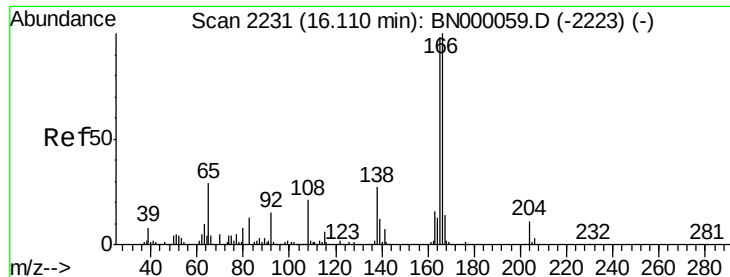
Tot Ion:139 Resp: 4836
Ion Ratio Lower Upper
139 100
109 72.2 62.2 102.2
65 100.8 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 4.498 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:165 Resp: 7932
Ion Ratio Lower Upper
165 100
63 41.4 42.0 63.0#
89 79.9 66.9 100.3
182 0.0 2.6 3.8#

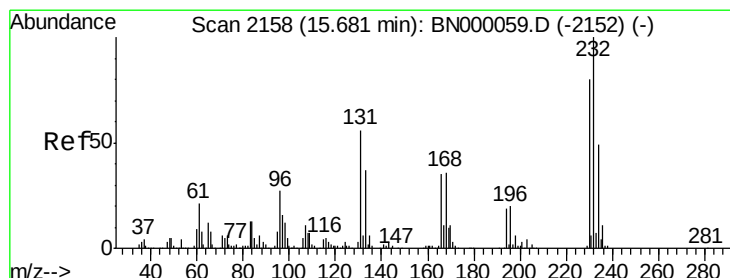
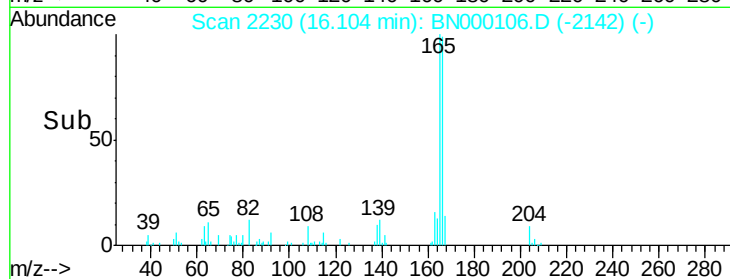
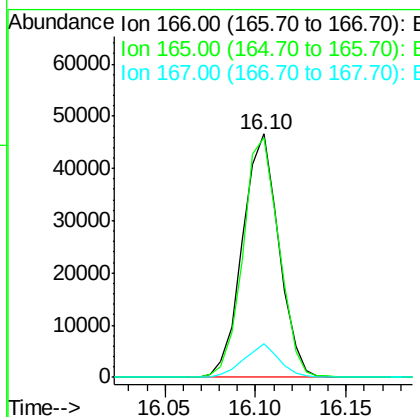
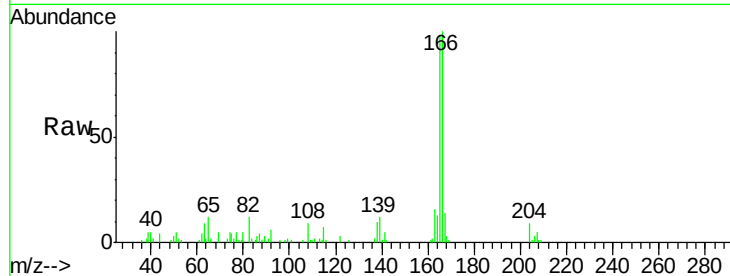




#57
 Fluorene
 Concen: 0.872 ng
 RT: 16.10 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

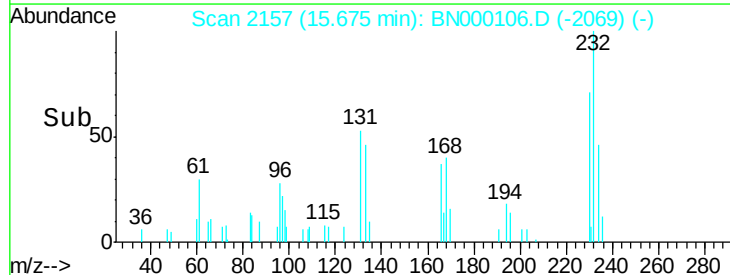
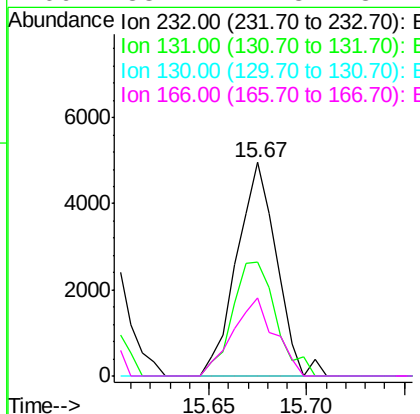
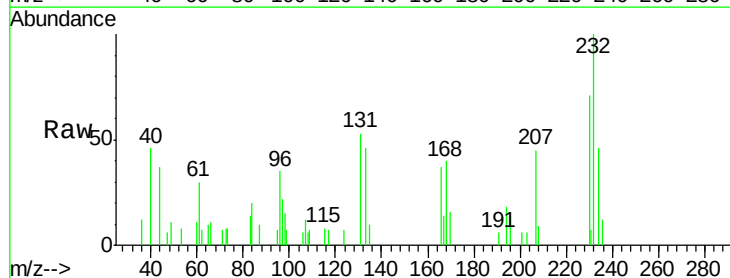
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

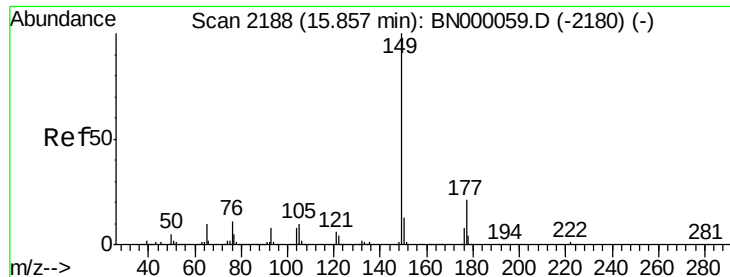
Tot Ion:166 Resp: 64915
 Ion Ratio Lower Upper
 166 100
 165 98.4 80.6 121.0
 167 13.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.449 ng
 RT: 15.67 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:232 Resp: 7008
 Ion Ratio Lower Upper
 232 100
 131 58.6 33.5 50.3#
 130 0.0 2.2 3.2#
 166 38.4 24.8 37.2#

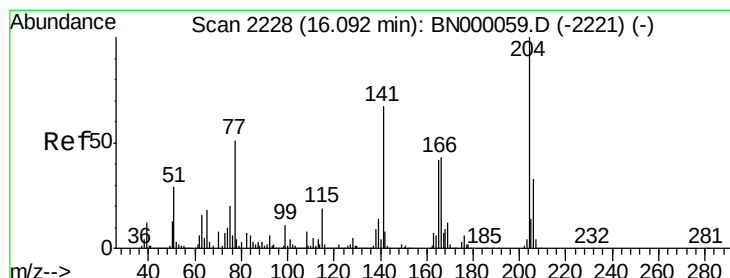
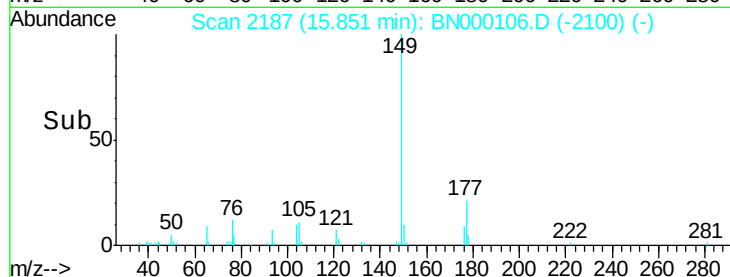
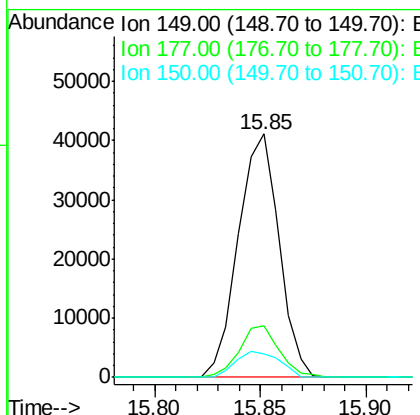
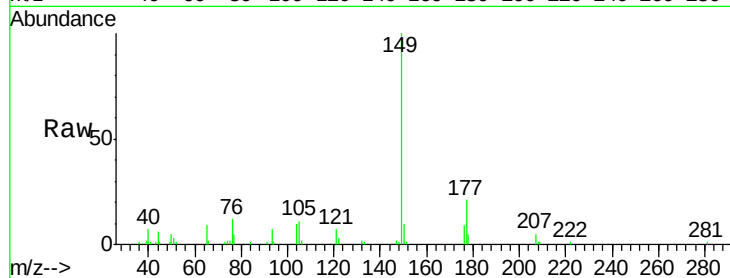




#59
Diethylphthalate
Concen: 0.698 ng
RT: 15.85 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

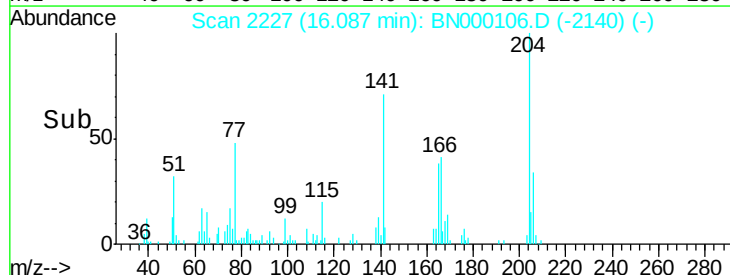
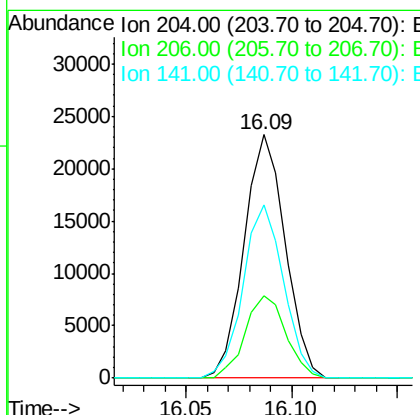
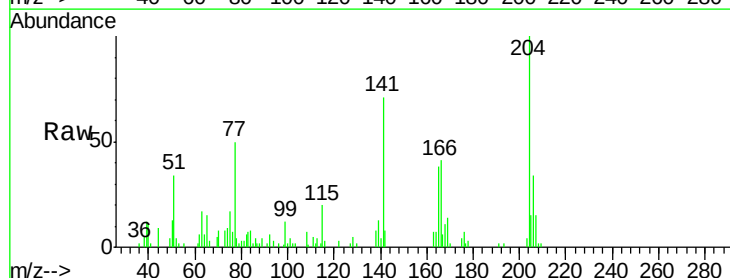
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

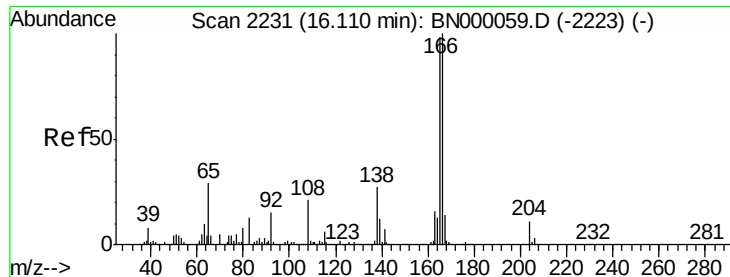
Tot Ion:149 Resp: 55049
Ion Ratio Lower Upper
149 100
177 21.2 18.5 27.7
150 9.5 10.2 15.2#



#60
4-Chlorophenyl-phenylether
Concen: 0.925 ng
RT: 16.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:204 Resp: 31378
Ion Ratio Lower Upper
204 100
206 34.0 26.2 39.2
141 71.2 45.8 68.6#

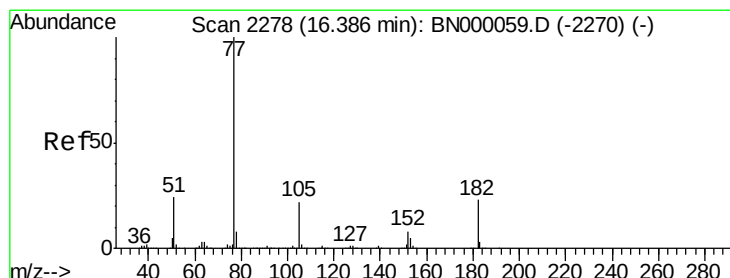
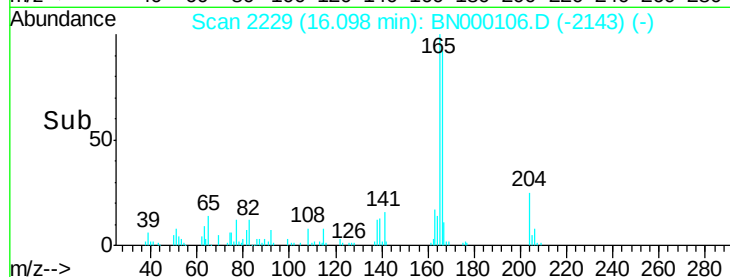
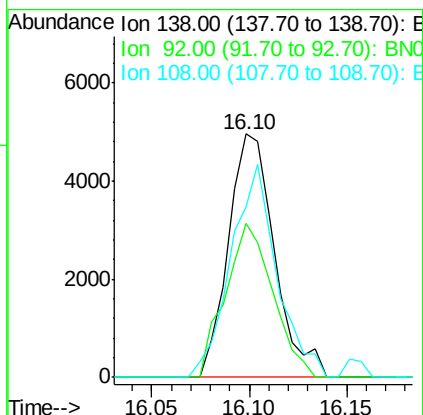
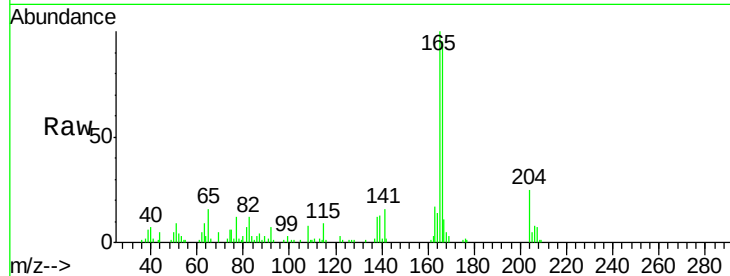




#61
4-Nitroaniline
Concen: 0.405 ng
RT: 16.10 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

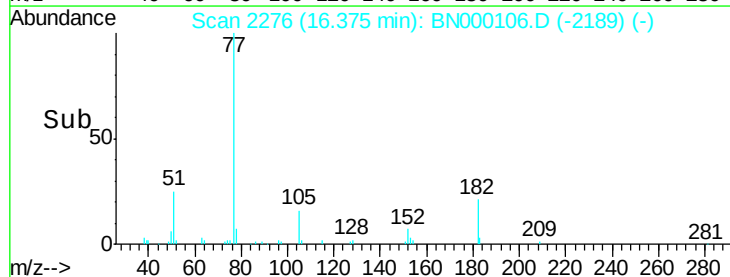
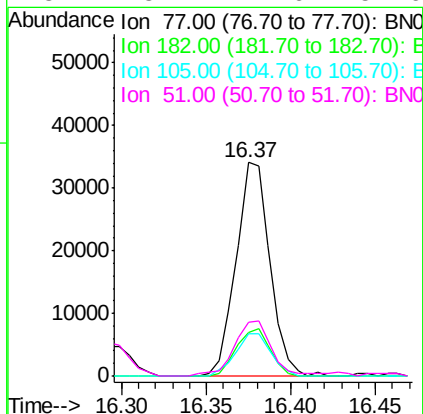
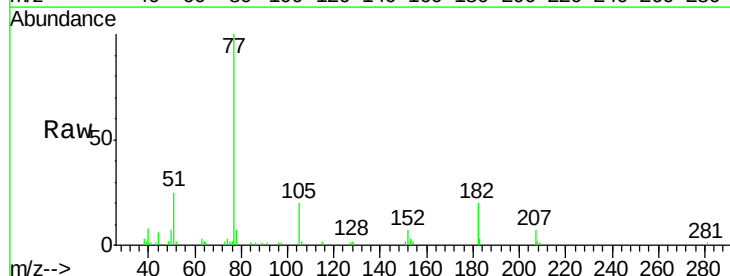
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

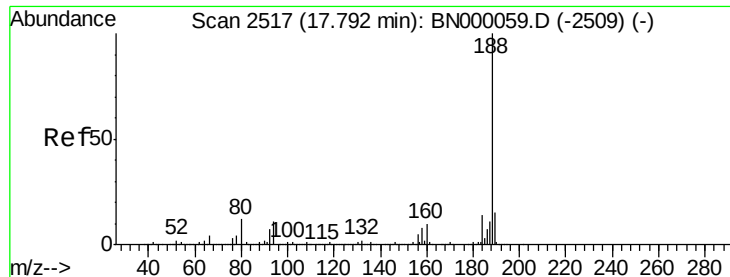
Tot Ion:138 Resp: 8118
Ion Ratio Lower Upper
138 100
92 63.3 40.1 80.1
108 70.2 65.4 105.4



#62
Azobenzene
Concen: 0.606 ng
RT: 16.37 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion: 77 Resp: 47607
Ion Ratio Lower Upper
77 100
182 20.4 7.4 47.4
105 19.8 0.3 40.3
51 25.4 11.6 51.6

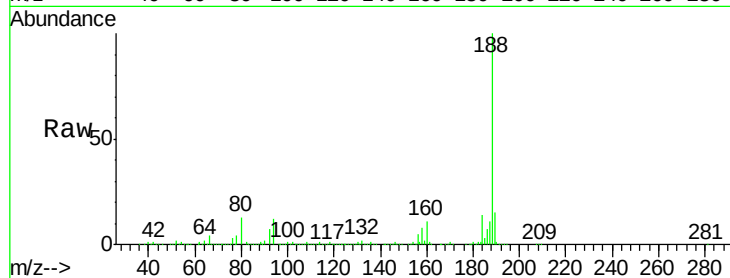




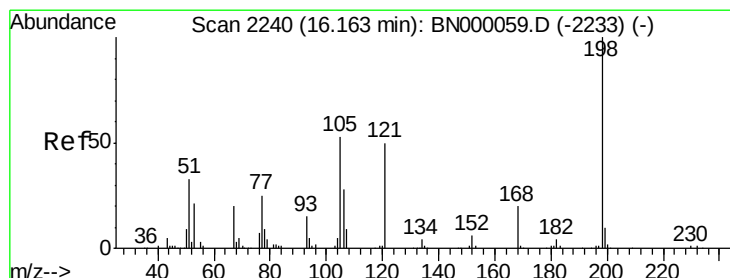
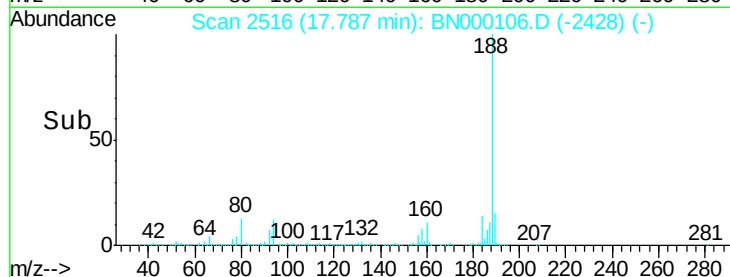
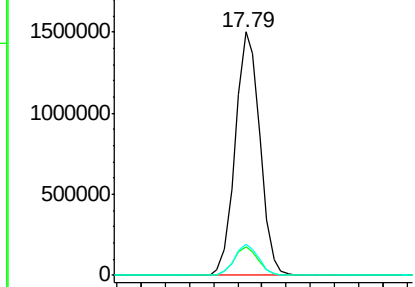
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

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

Tot Ion:188 Resp: 2135910
Ion Ratio Lower Upper
188 100
94 11.7 6.9 10.3#
80 13.0 7.7 11.5#

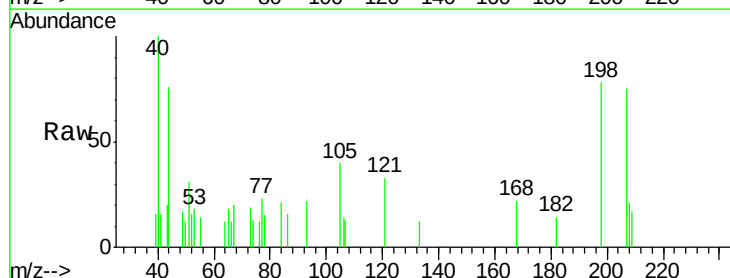


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

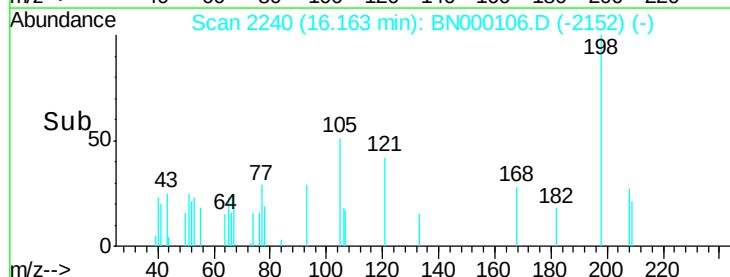
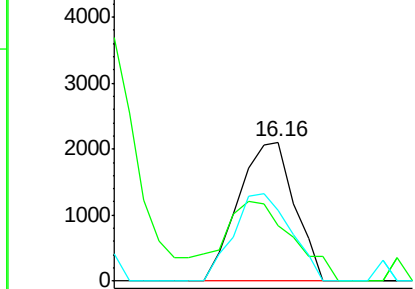


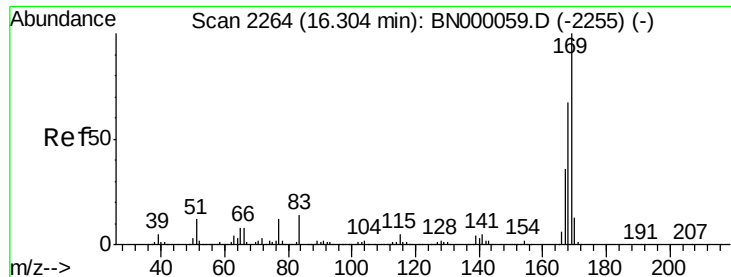
#64
4,6-Dinitro-2-methylphenol
Concen: 8.968 ng
RT: 16.16 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:198 Resp: 3226
Ion Ratio Lower Upper
198 100
51 40.1 30.6 70.6
105 51.1 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

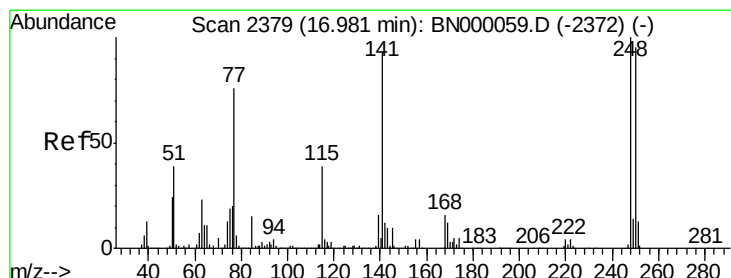
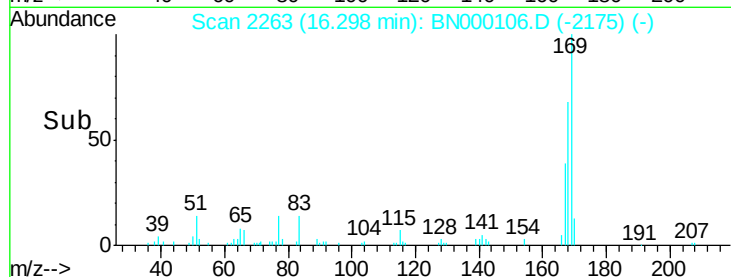
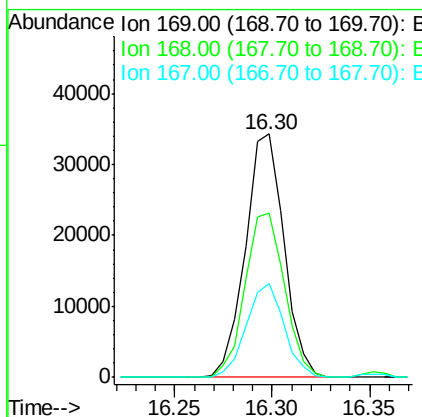
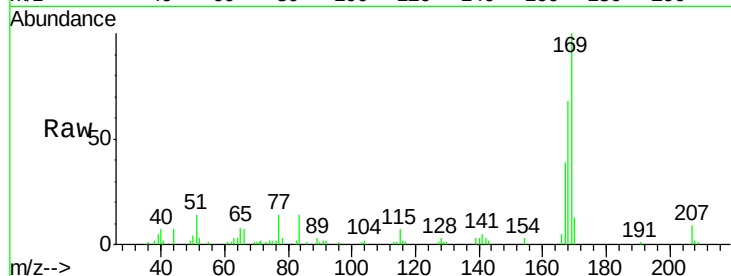




#65
 n-Nitrosodiphenylamine
 Concen: 0.677 ng
 RT: 16.30 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

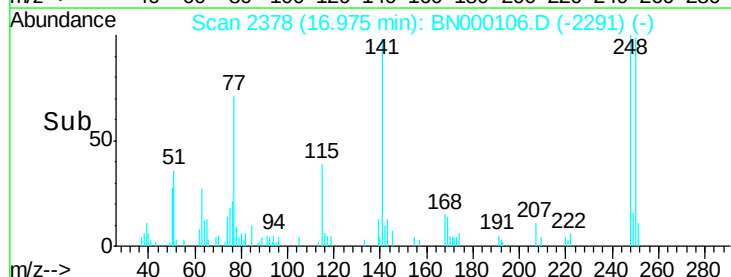
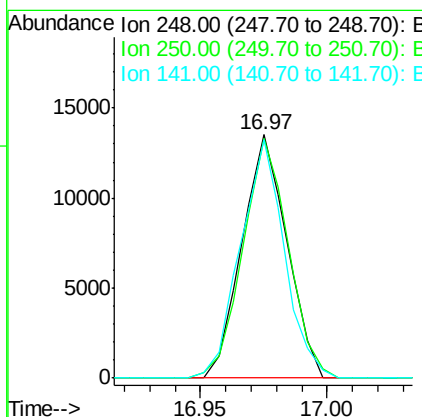
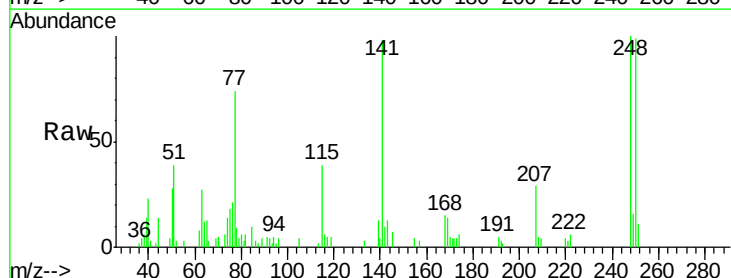
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

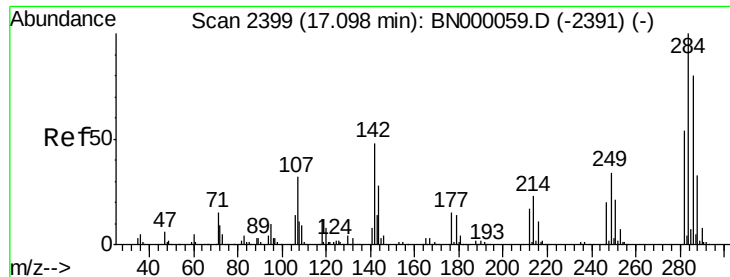
Tot Ion:169 Resp: 47065
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.7 83.5
 167 38.6 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 0.819 ng
 RT: 16.97 min Scan# 2378
 Delta R.T. -0.02 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:248 Resp: 16642
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.1 115.7
 141 98.0 50.8 76.2#





#67

Hexachlorobenzene

Concen: 0.945 ng

RT: 17.09 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

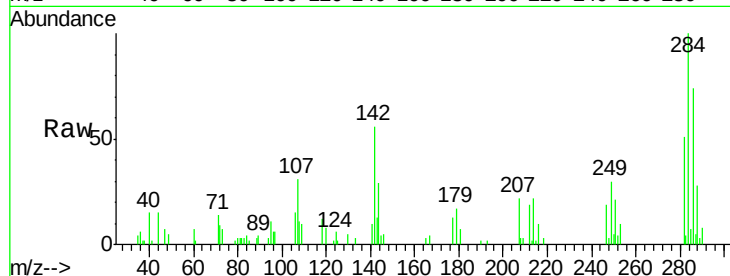
Tot Ion:284 Resp: 22423

Ion Ratio Lower Upper

284 100

142 56.5 26.8 40.2#

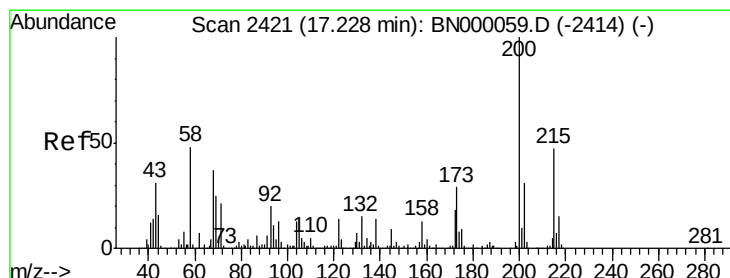
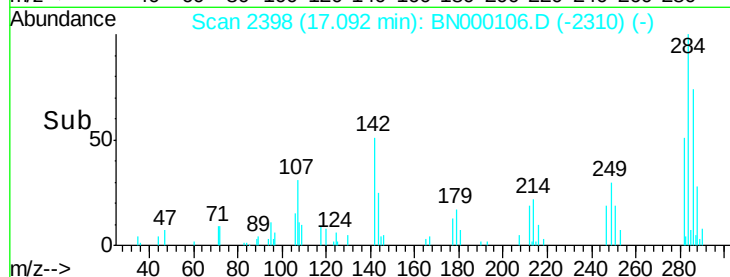
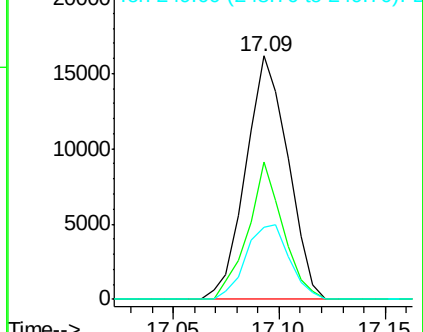
249 29.7 26.3 39.5



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: 0.522 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

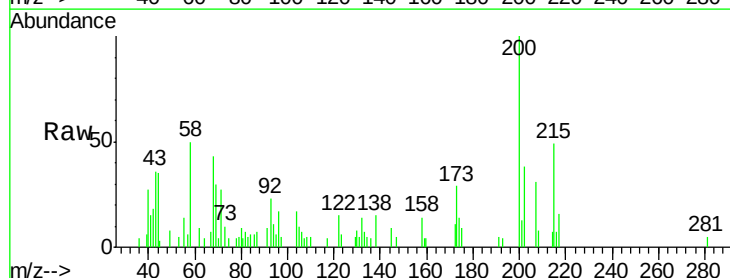
Tgt Ion:200 Resp: 11806

Ion Ratio Lower Upper

200 100

173 29.1 5.2 45.2

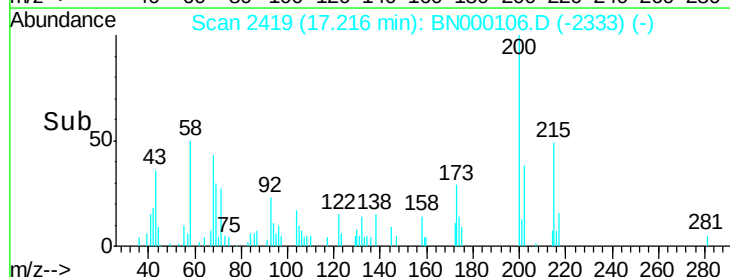
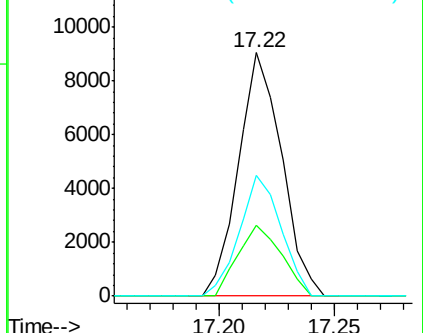
215 49.4 30.4 70.4

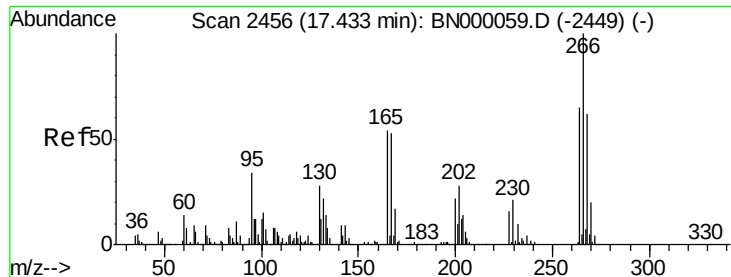


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

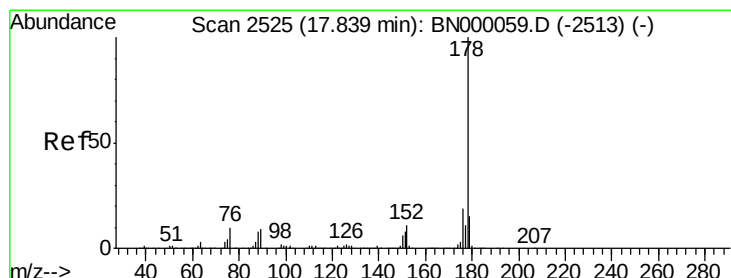
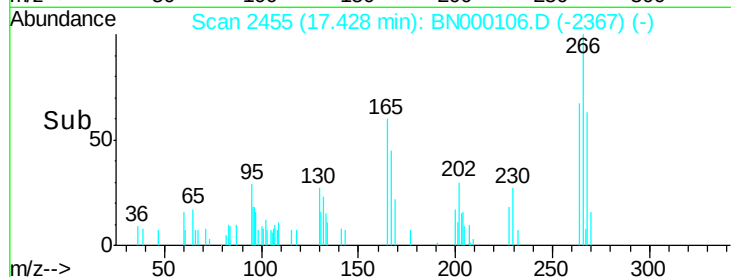
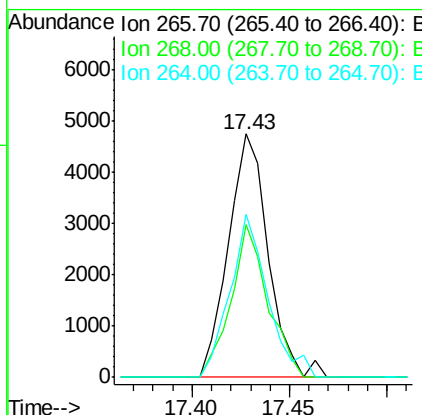
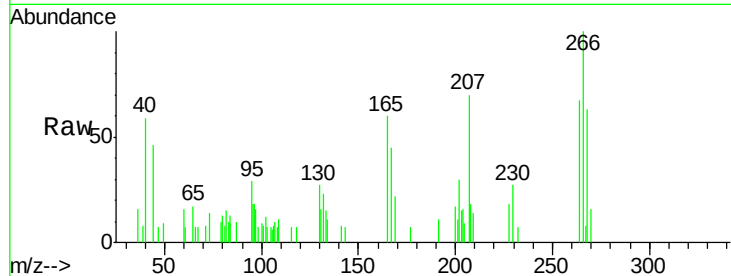




#69
 Pentachlorophenol
 Concen: 6.211 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

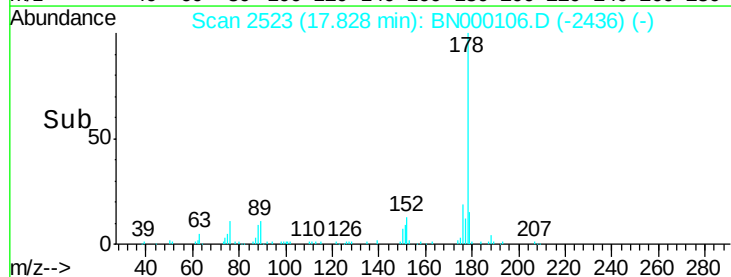
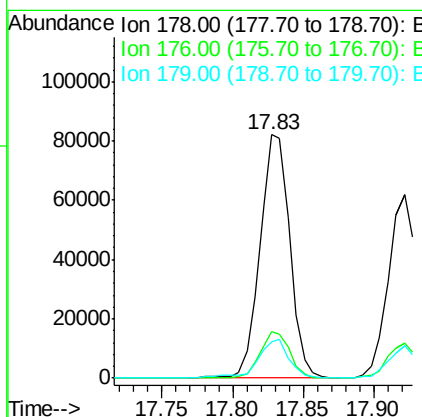
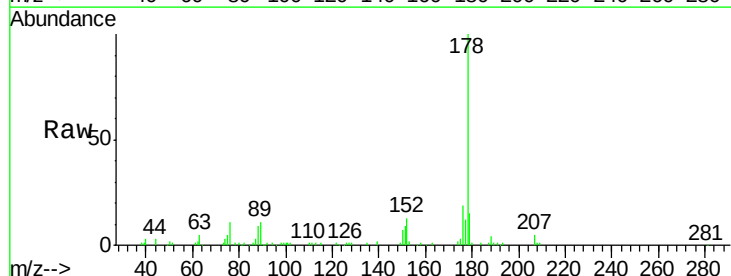
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

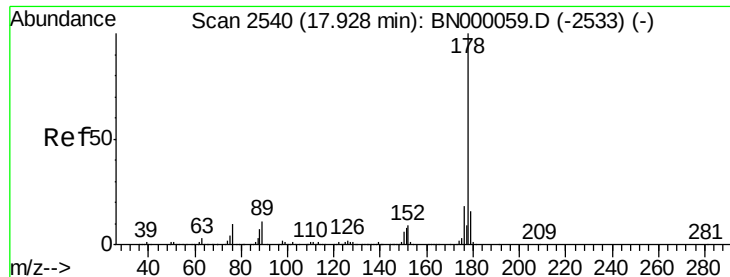
Tot Ion:266 Resp: 6692
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.1 76.7
 264 66.9 49.6 74.4



#70
 Phenanthrene
 Concen: 0.971 ng
 RT: 17.83 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:178 Resp: 122474
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.7 23.5
 179 14.7 12.5 18.7





#71

Anthracene

Concen: 0.782 ng

RT: 17.92 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

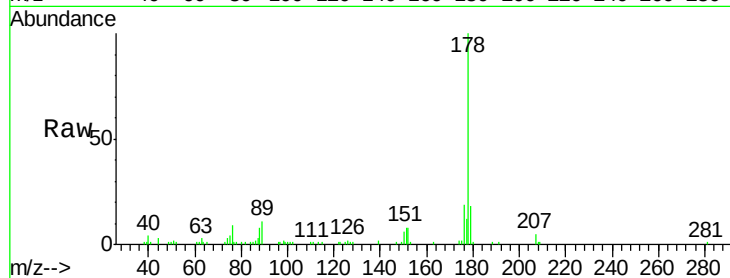
Tot Ion:178 Resp: 95503

Ion Ratio Lower Upper

178 100

176 19.0 16.0 24.0

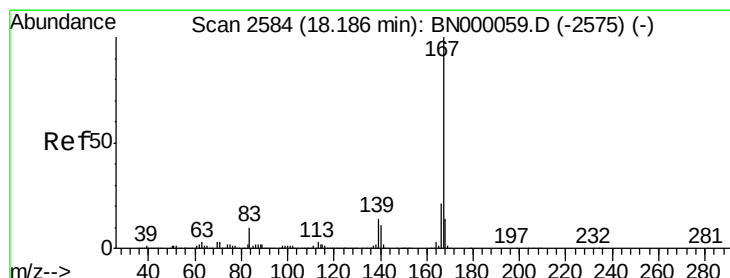
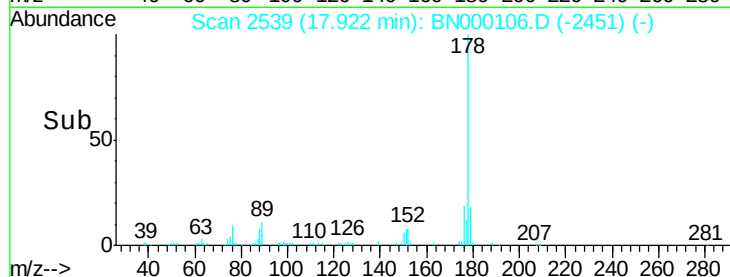
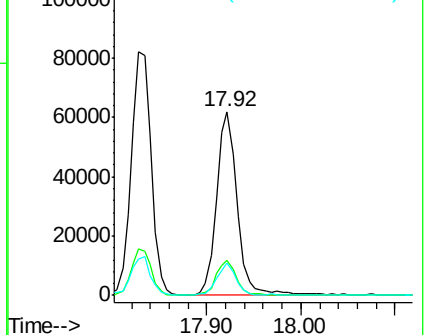
179 17.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.712 ng

RT: 18.18 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

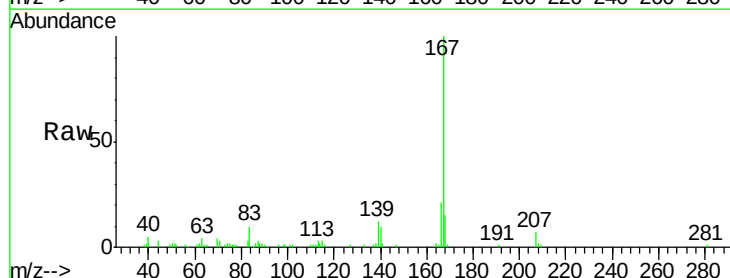
Tgt Ion:167 Resp: 87586

Ion Ratio Lower Upper

167 100

166 21.5 18.2 27.4

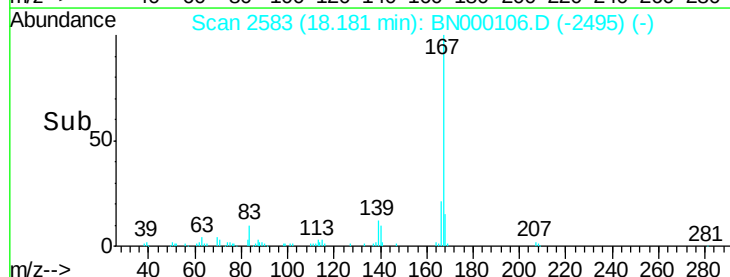
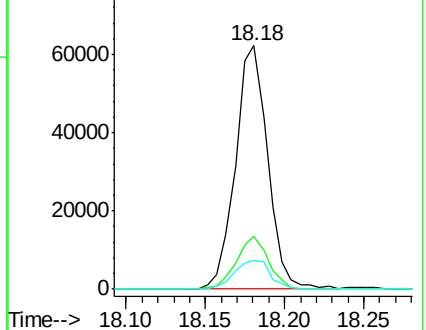
139 11.7 9.4 14.2

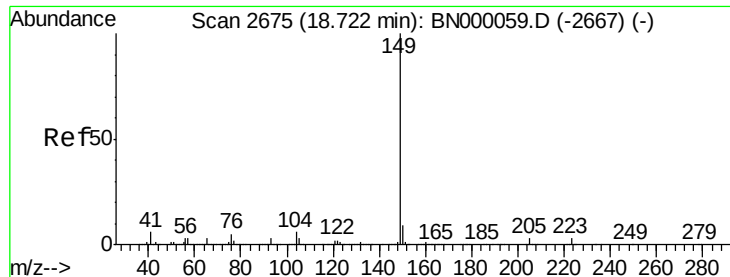


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.485 ng

RT: 18.71 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

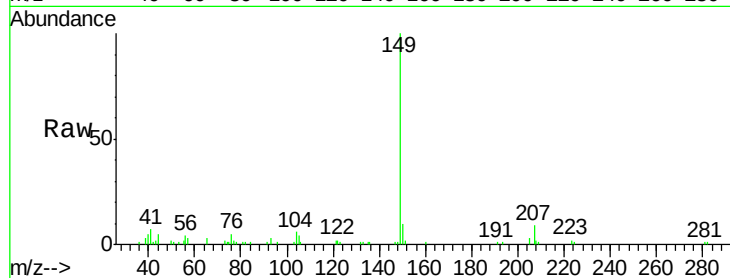
Tot Ion:149 Resp: 65926

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

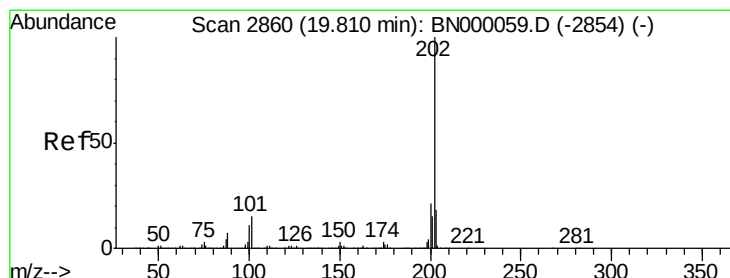
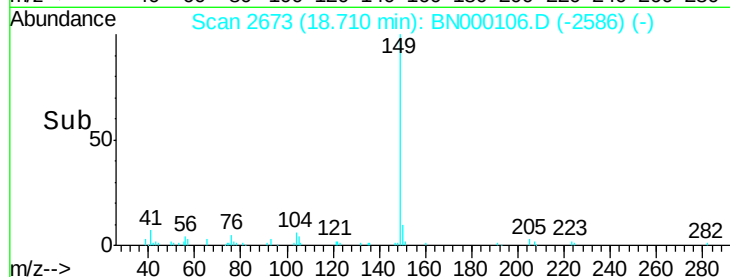
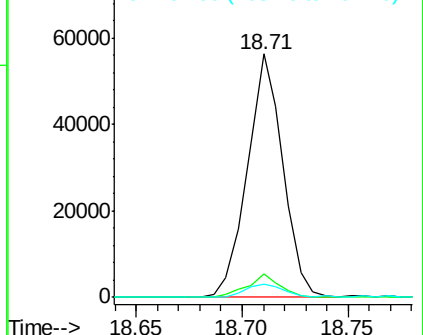
104 5.5 3.9 5.9



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: 0.796 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

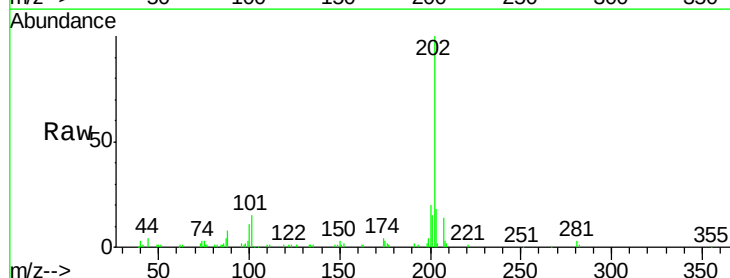
Tgt Ion:202 Resp: 105337

Ion Ratio Lower Upper

202 100

101 14.7 0.0 28.9

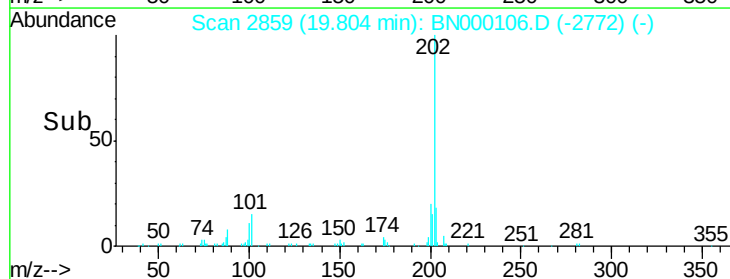
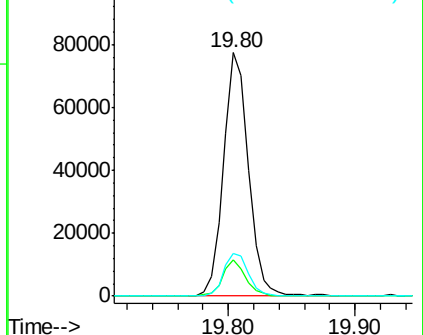
203 17.8 0.0 37.5

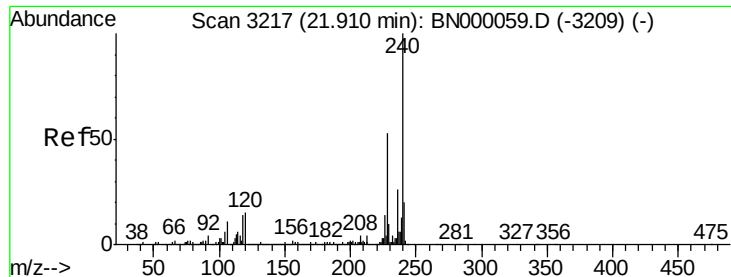


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

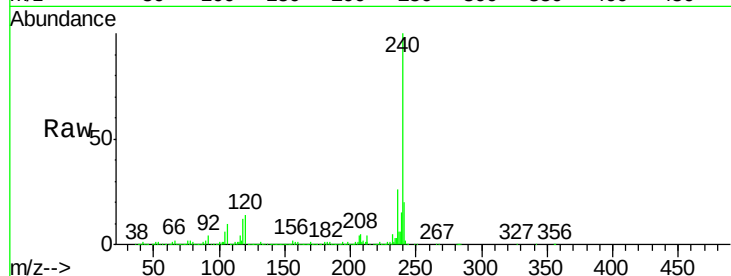
Tot Ion:240 Resp: 2411623

Ion Ratio Lower Upper

240 100

120 13.9 6.8 10.2#

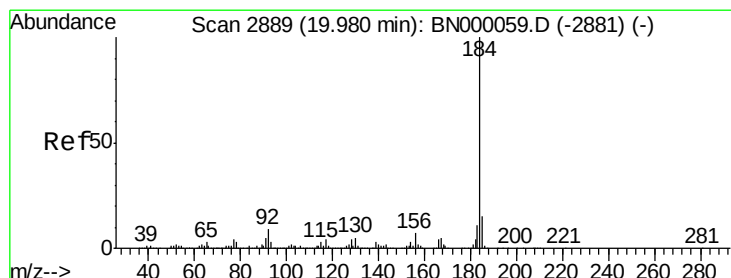
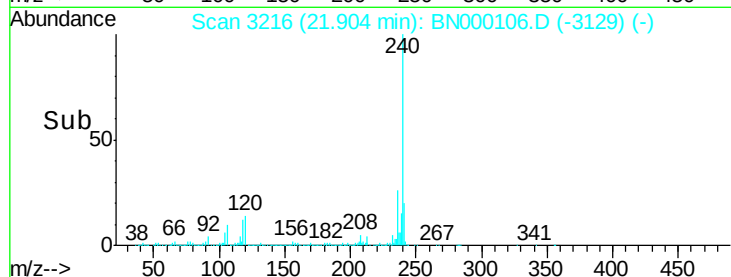
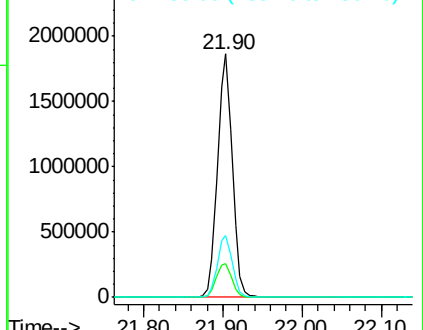
236 25.7 20.9 31.3



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: 0.265 ng

RT: 19.97 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

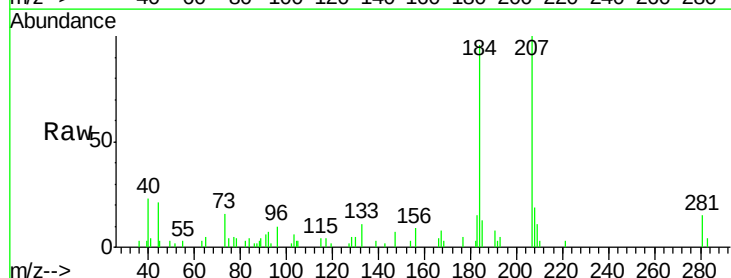
Tgt Ion:184 Resp: 20336

Ion Ratio Lower Upper

184 100

185 13.4 11.1 16.7

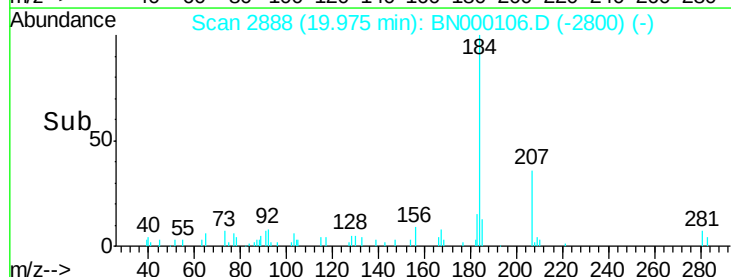
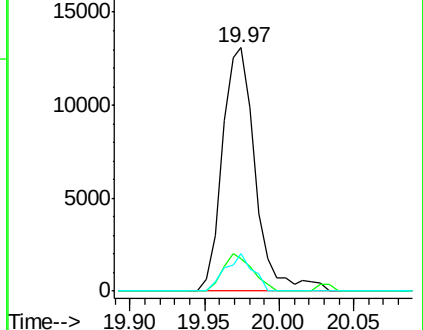
183 15.4 10.6 16.0

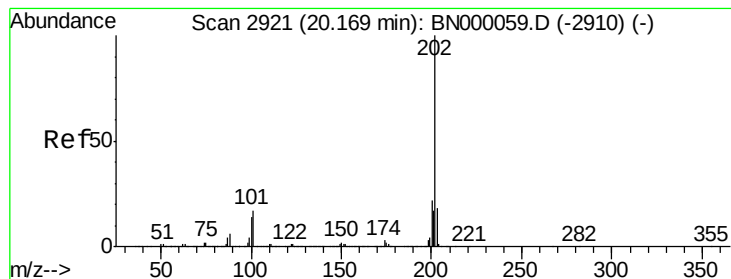


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

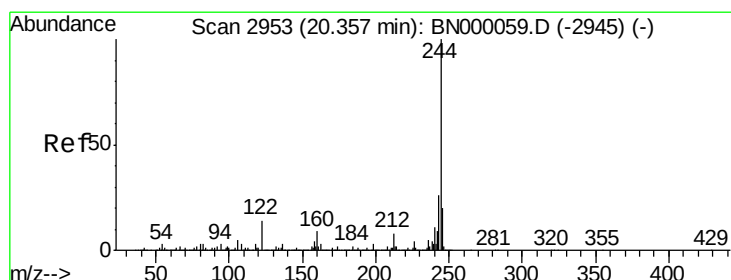
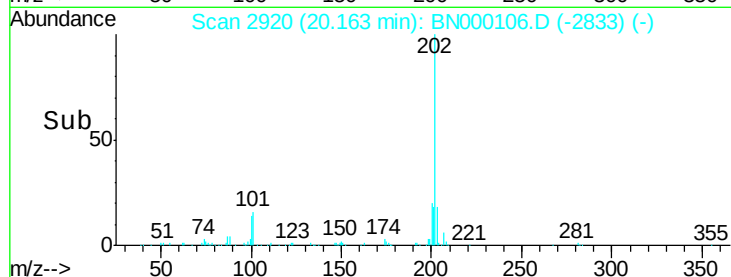
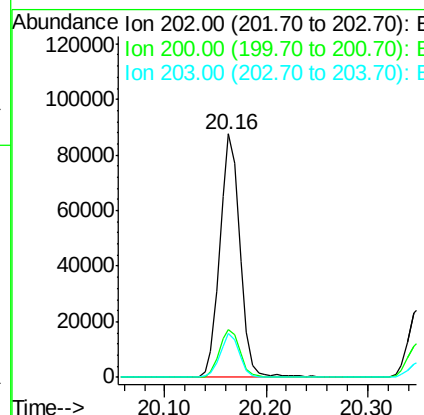
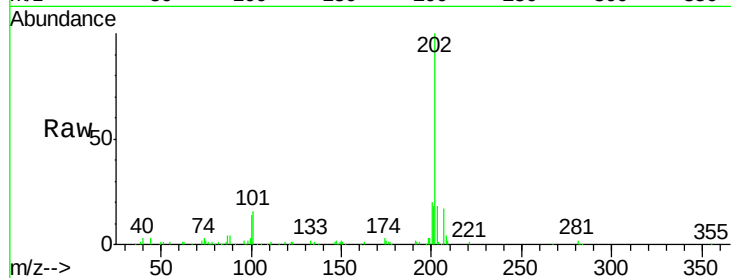




#77
Pvrene
Concen: 0.788 ng
RT: 20.16 min Scan# 2920
Delta R.T. -0.02 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

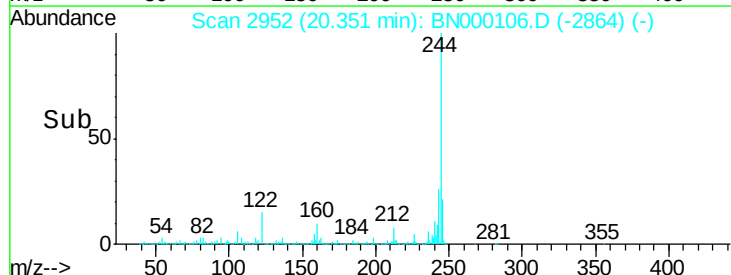
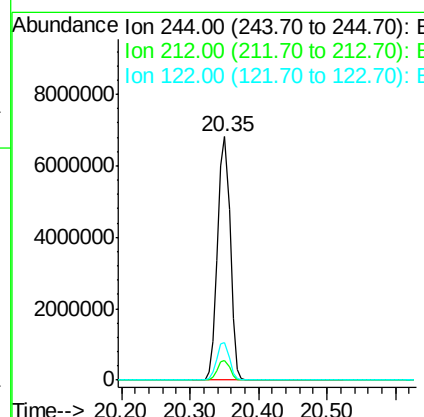
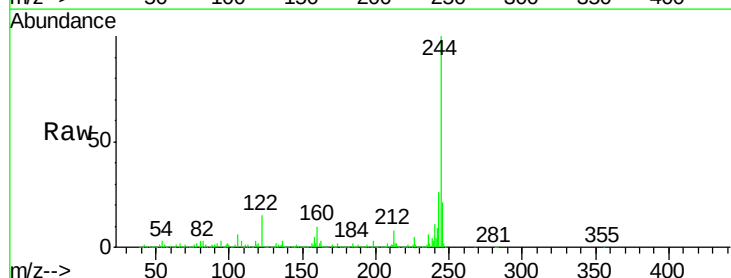
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

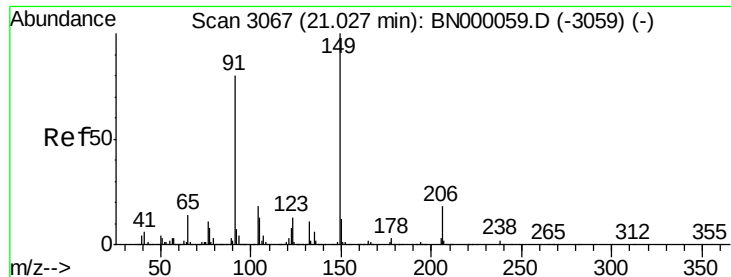
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.9	25.3
203	18.2	13.9	20.9



#78
Terphenyl-d14
Concen: 96.883 ng
RT: 20.35 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	15.3	7.0	10.4





#79

Butylbenzylphthalate

Concen: 5.694 ng

RT: 21.02 min Scan# 3066

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

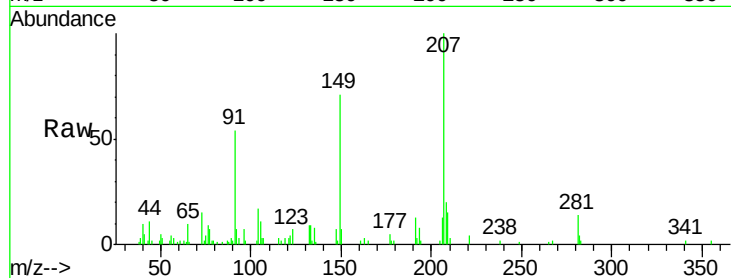
Tot Ion:149 Resp: 26081

Ion Ratio Lower Upper

149 100

91 76.0 62.2 93.2

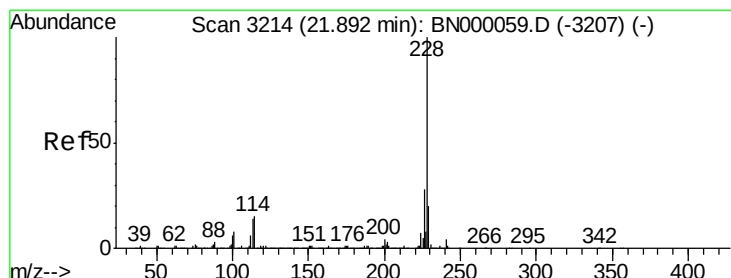
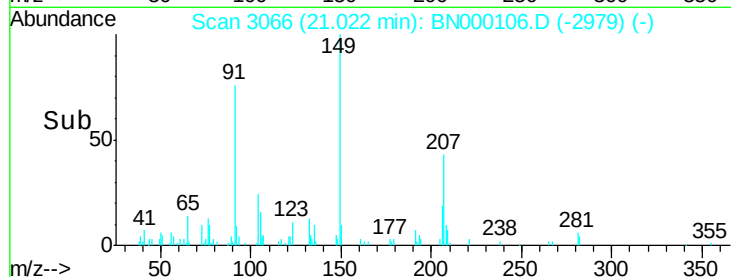
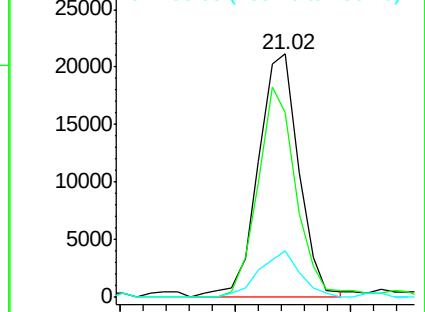
206 18.9 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNO

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.876 ng

RT: 21.89 min Scan# 3213

Delta R.T. -0.02 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

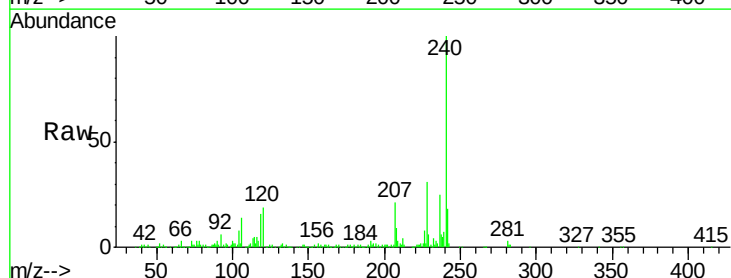
Tgt Ion:228 Resp: 129777

Ion Ratio Lower Upper

228 100

226 24.8 22.7 34.1

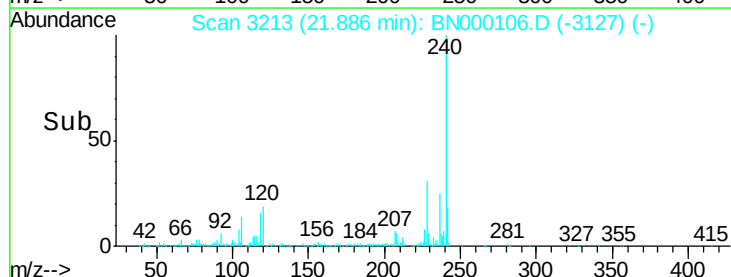
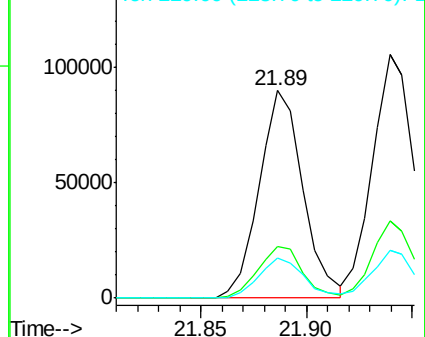
229 19.3 16.2 24.2

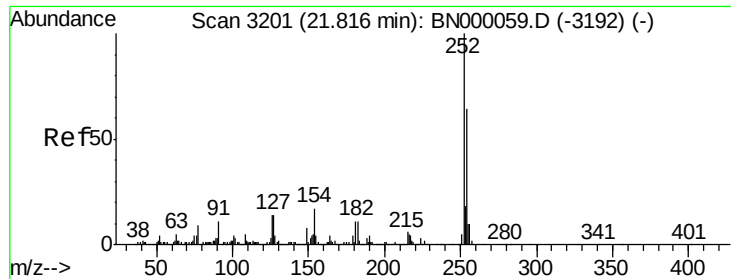


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

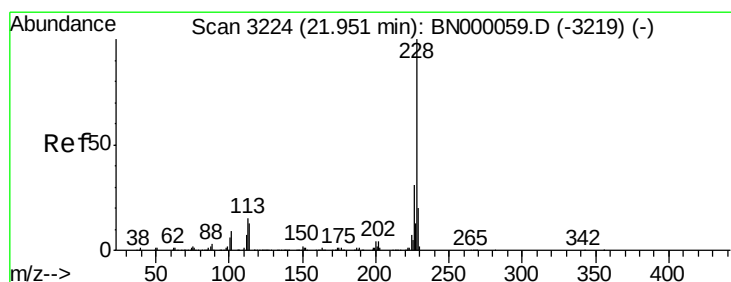
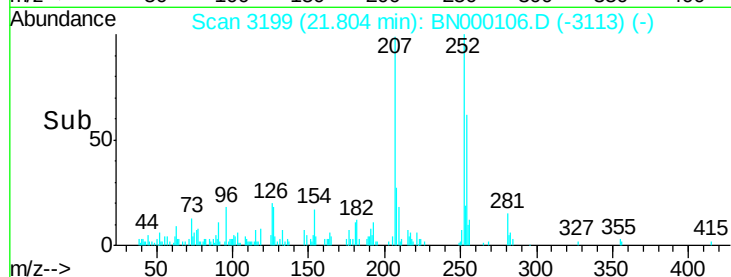
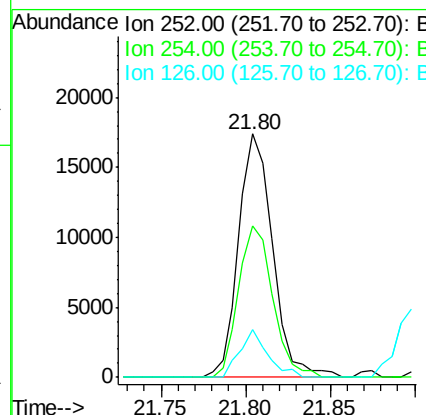
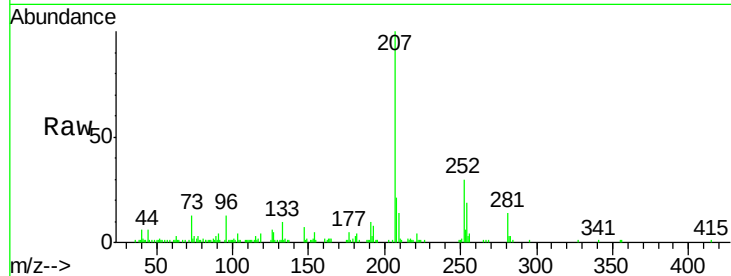




#81
 3,3'-Dichlorobenzidine
 Concen: 0.451 ng
 RT: 21.80 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

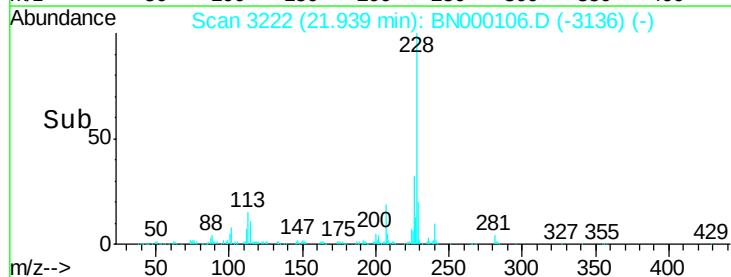
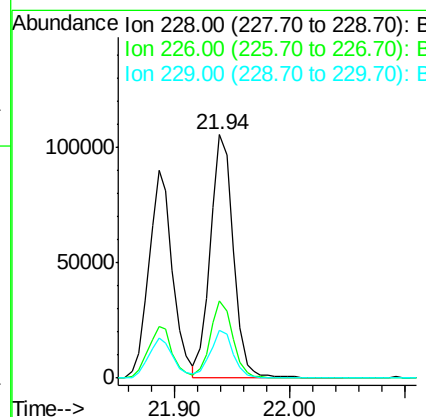
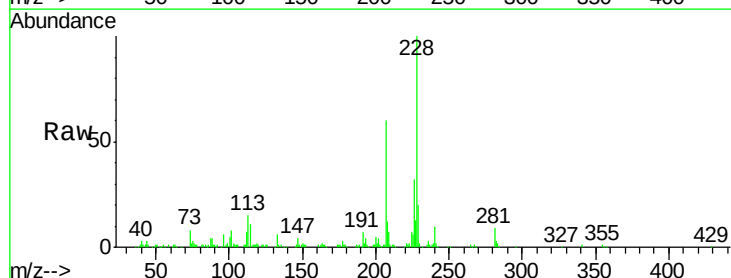
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

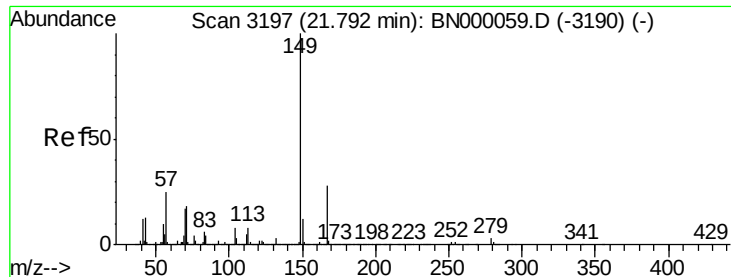
Tot Ion:252 Resp: 24548
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.8 76.2
 126 19.8 7.4 11.2#



#82
 Chrysene
 Concen: 0.994 ng
 RT: 21.94 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:228 Resp: 146834
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 19.7 15.0 22.4

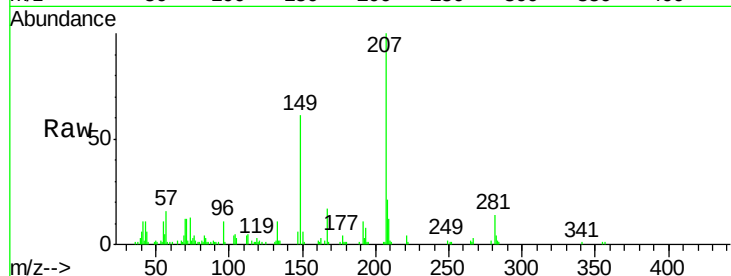




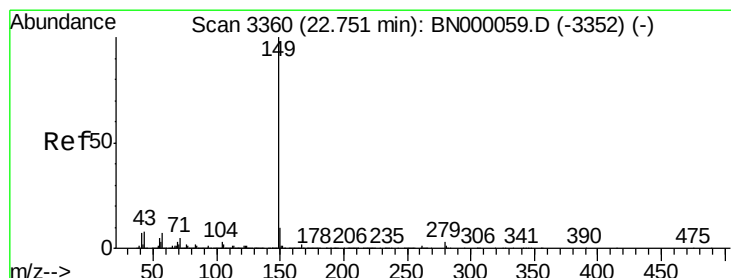
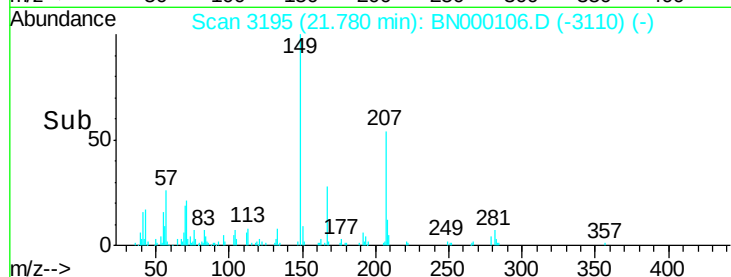
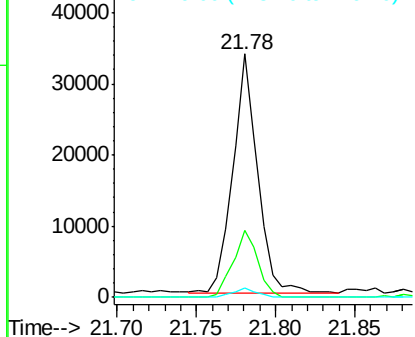
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.222 ng
 RT: 21.78 min Scan# 3195
 Delta R.T. -0.03 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

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

Tot Ion:149 Resp: 36650
 Ion Ratio Lower Upper
 149 100
 167 27.3 24.3 36.5
 279 3.7 4.0 6.0#

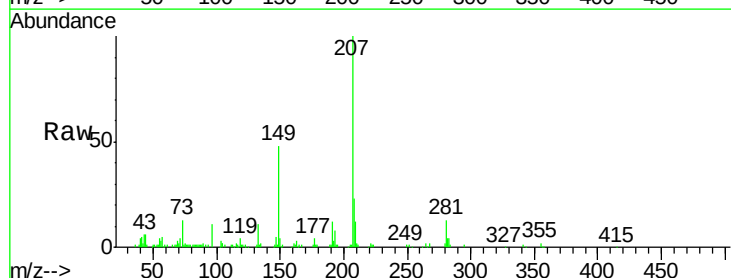


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

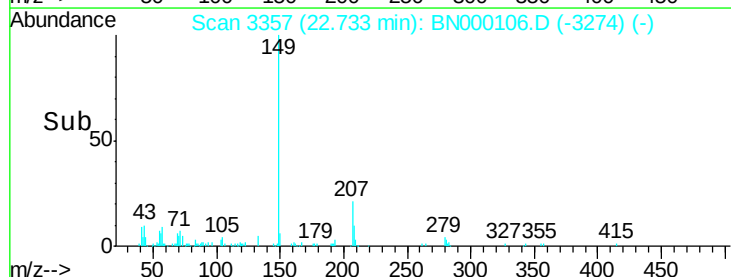
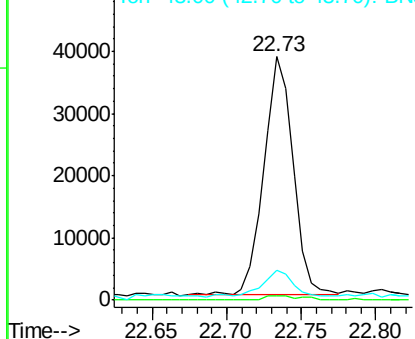


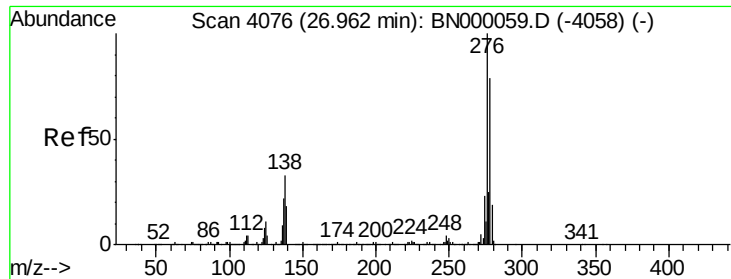
#84
 Di-n-octyl phthalate
 Concen: 6.946 ng
 RT: 22.73 min Scan# 3357
 Delta R.T. -0.04 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:149 Resp: 51871
 Ion Ratio Lower Upper
 149 100
 167 2.2 1.4 2.0#
 43 11.2 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

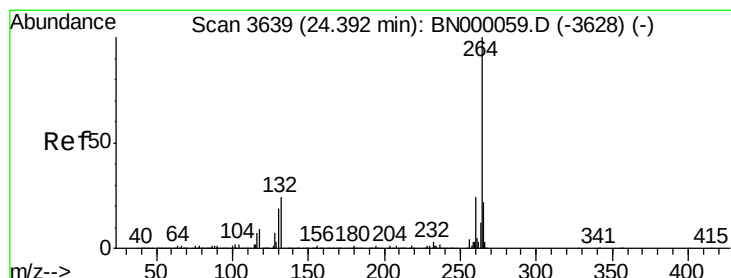
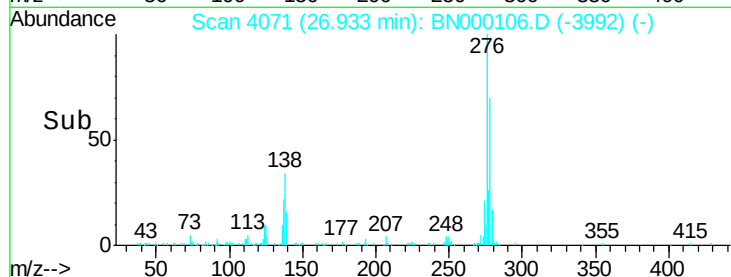
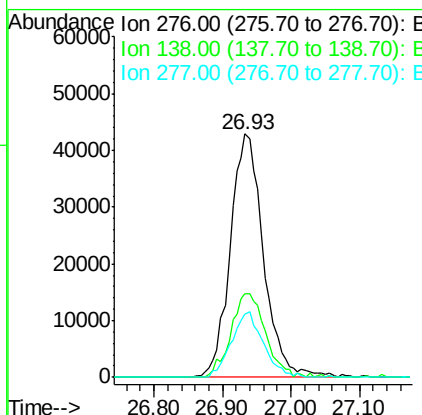
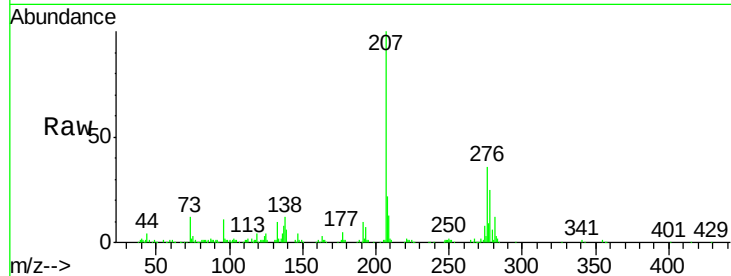




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.793 ng
 RT: 26.93 min Scan# 4071
 Delta R.T. -0.06 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

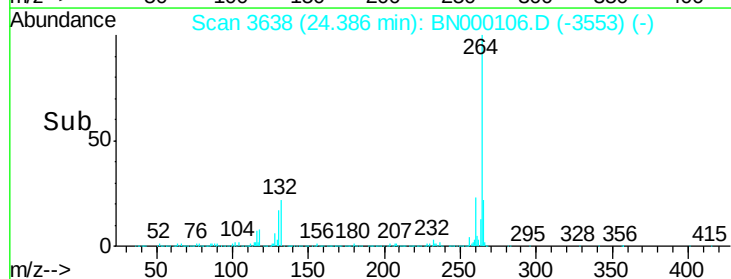
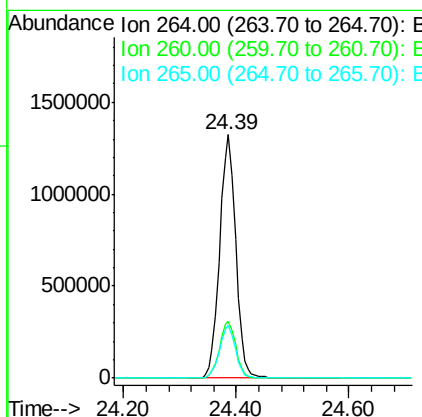
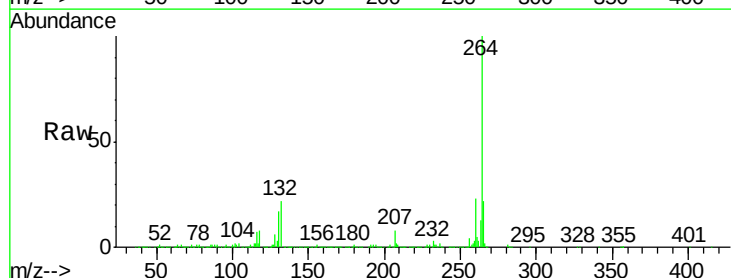
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

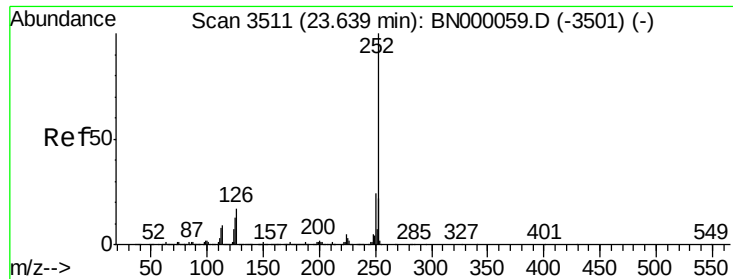
Tot Ion:276 Resp: 143932
 Ion Ratio Lower Upper
 276 100
 138 35.9 16.0 24.0#
 277 25.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.39 min Scan# 3638
 Delta R.T. -0.03 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

Tgt Ion:264 Resp: 2630660
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.4 26.0
 265 21.6 17.7 26.5

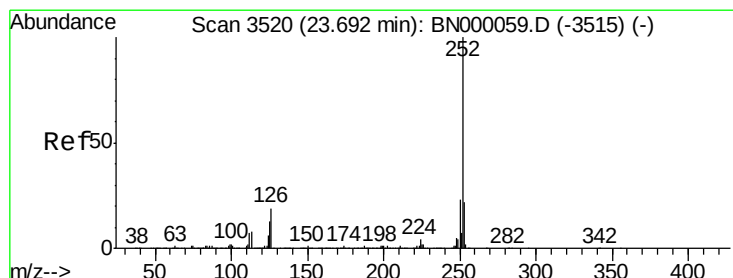
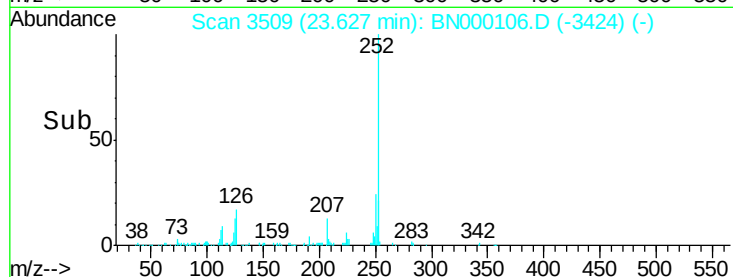
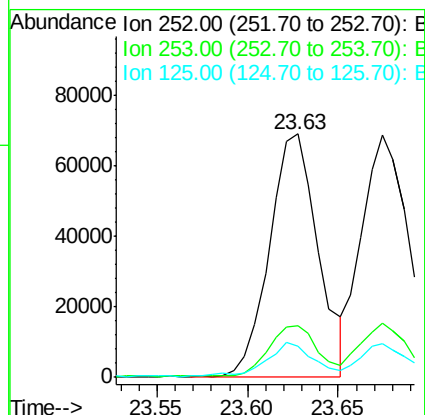
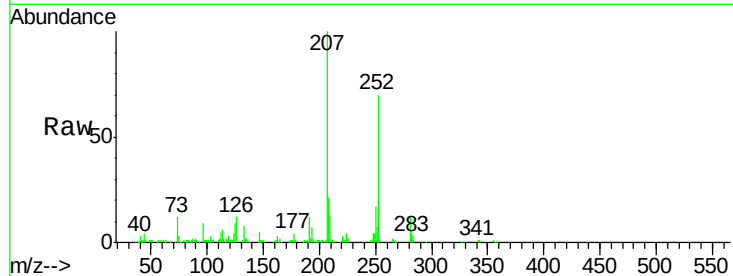




#87
Benzo(b)fluoranthene
Concen: 0.839 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

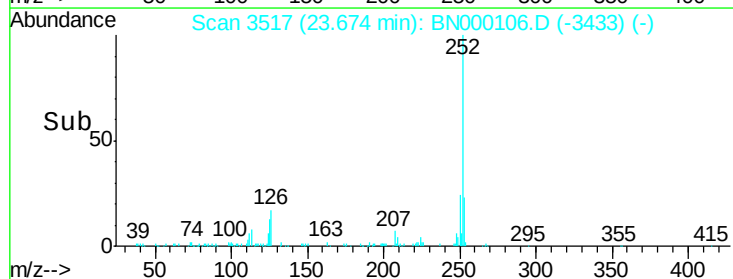
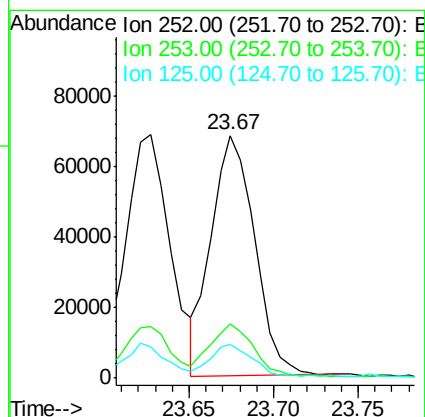
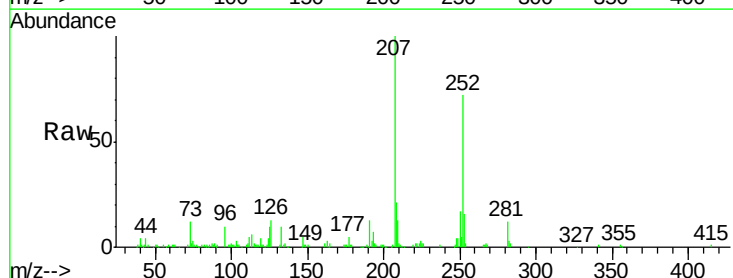
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

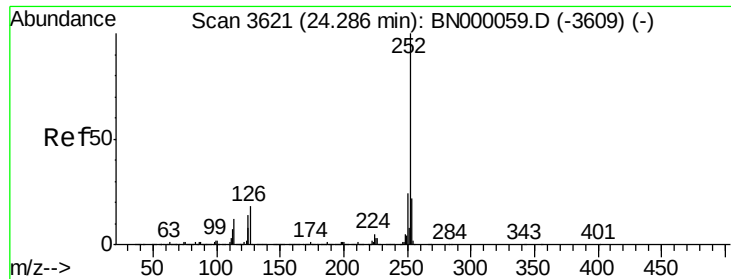
Tot Ion:252 Resp: 129132
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.4
125 13.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 0.787 ng
RT: 23.67 min Scan# 3517
Delta R.T. -0.04 min
Lab File: BN000106.D
Acq: 15 Feb 2018 20:26

Tgt Ion:252 Resp: 122046
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 14.1 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 0.781 ng

RT: 24.27 min Scan# 3619

Delta R.T. -0.04 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

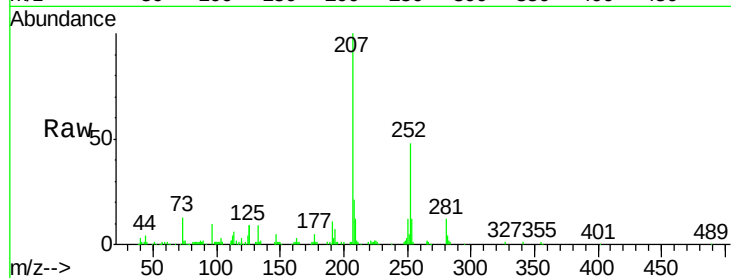
Tot Ion:252 Resp: 115270

Ion Ratio Lower Upper

252 100

253 23.9 18.3 27.5

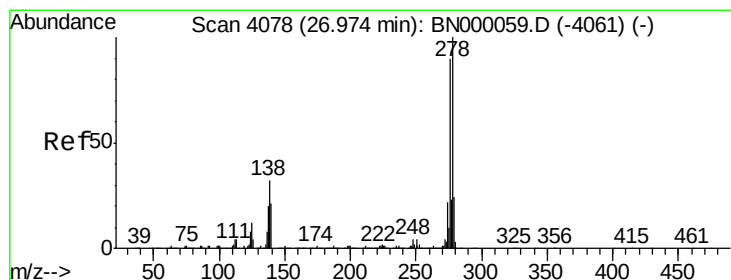
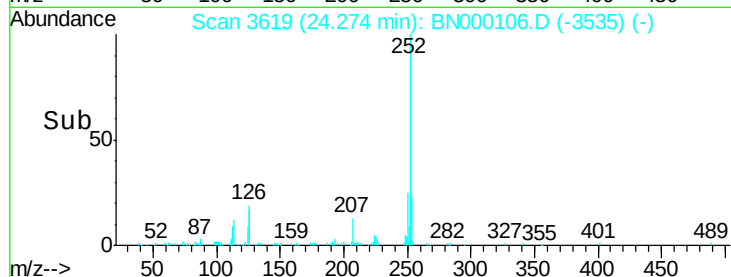
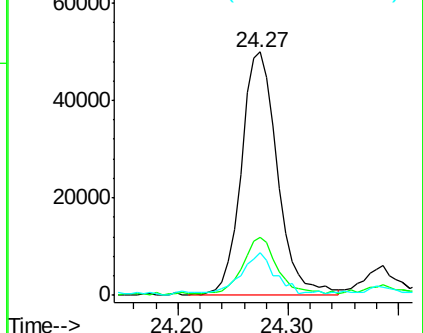
125 17.7 7.3 10.9#



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: 0.780 ng

RT: 26.94 min Scan# 4073

Delta R.T. -0.06 min

Lab File: BN000106.D

Acq: 15 Feb 2018 20:26

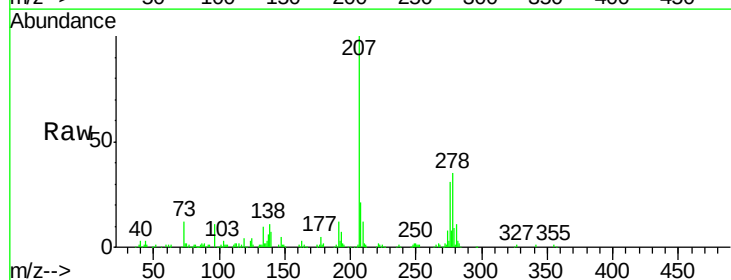
Tgt Ion:278 Resp: 120437

Ion Ratio Lower Upper

278 100

139 19.7 9.8 14.6#

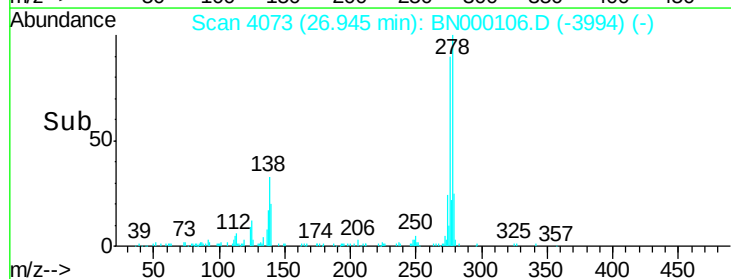
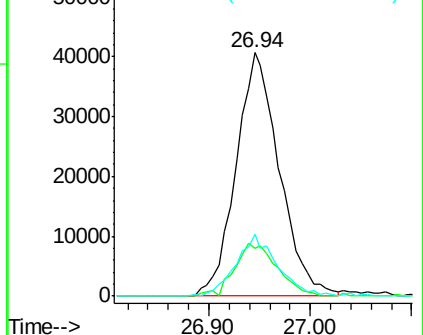
279 25.3 18.4 27.6

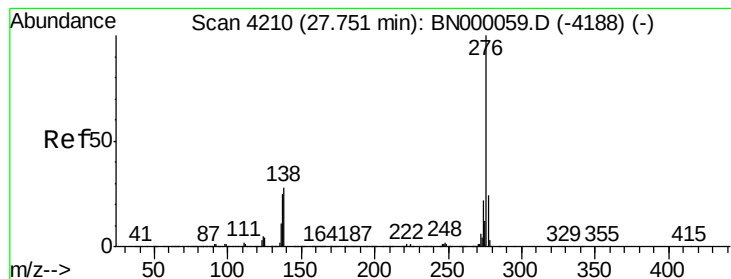


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.822 ng
 RT: 27.72 min Scan# 4204
 Delta R.T. -0.07 min
 Lab File: BN000106.D
 Acq: 15 Feb 2018 20:26

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	28.2	13.9	20.9

