

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000107.D
 Acq On : 15 Feb 2018 21:00
 Operator : JU/SJ
 Sample : J1161-09
 Misc : 2 PPM MDL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 16 10:31:41 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	337204	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	1713143	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1034328	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2333858	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2568945	20.00	ng	-0.02
86) Perylene-d12	24.39	264	2760166	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	2724956	131.70	ng	-0.01
7) Phenol-d6	7.58	99	3938421	125.66	ng	-0.01
23) Nitrobenzene-d5	9.64	82	2766826	96.02	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1333798	130.28	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	7052751	96.10	ng	-0.01
78) Terphenyl-d14	20.35	244	9028033	94.89	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	17301	2.078	ng	92
3) Pyridine	4.14	79	36156	1.395	ng	# 87
4) n-Nitrosodimethylamine	4.02	42	12377	1.689	ng	# 71
6) Aniline	7.76	93	70410	1.631	ng	# 88
8) 2-Chlorophenol	8.01	128	48452	2.003	ng	95
9) Benzaldehyde	7.58	77	30778	1.579	ng	97
10) Phenol	7.61	94	63409	1.917	ng	96
11) bis(2-Chloroethyl)ether	7.86	93	51798	1.904	ng	# 79
12) 1,3-Dichlorobenzene	8.35	146	53148	1.933	ng	97
13) 1,4-Dichlorobenzene	8.50	146	55762	1.986	ng	92
14) 1,2-Dichlorobenzene	8.82	146	55140	1.995	ng	91
15) Benzyl Alcohol	8.69	79	33211	1.474	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.99	45	56158	1.950	ng	81
17) 2-Methylphenol	8.89	107	38029	1.618	ng	95
18) Hexachloroethane	9.56	117	17091	1.749	ng	# 79
19) n-Nitroso-di-n-propylamine	9.26	70	30595	1.457	ng	# 81
20) 3+4-Methylphenols	9.22	107	48130	1.464	ng	90
22) Acetophenone	9.29	105	79941	1.665	ng	# 89
24) Nitrobenzene	9.68	77	70998	2.254	ng	# 92
25) Isophorone	10.20	82	85971	1.443	ng	96
26) 2-Nitrophenol	10.40	139	14159	8.125	ng	# 88
27) 2,4-Dimethylphenol	10.43	122	35805m	1.387	ng	
28) bis(2-Chloroethoxy)methane	10.68	93	67206	1.759	ng	99
29) 2,4-Dichlorophenol	10.93	162	29544	1.236	ng	94
30) 1,2,4-Trichlorobenzene	11.16	180	52220	1.898	ng	95
31) Naphthalene	11.35	128	181110	1.928	ng	97
32) Benzoic acid	10.47	122	7302m	10.840	ng	
33) 4-Chloroaniline	11.45	127	61801	1.498	ng	94
34) Hexachlorobutadiene	11.63	225	26759	1.875	ng	91
35) Caprolactam	12.16	113	8609	4.774	ng	95
36) 4-Chloro-3-methylphenol	12.53	107	35102	1.157	ng	99
37) 2-Methylnaphthalene	12.93	142	118748	1.817	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	56960	1.866	ng	# 96
40) Hexachlorocyclopentadiene	13.26	237	17998	1.414	ng	85

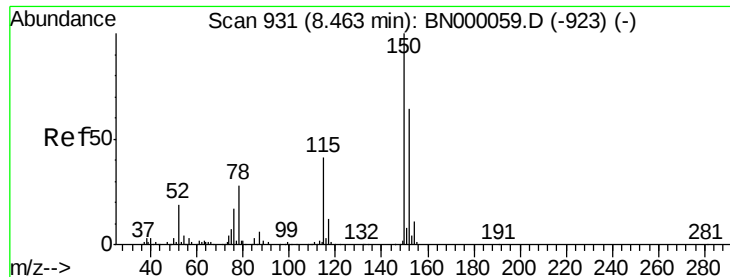
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	19989	1.092	nq	95
43) 2,4,5-Trichlorophenol	13.57	196	23866	1.085	nq #	89
45) 1,1'-Biphenyl	13.91	154	188948	2.074	nq	97
46) 2-Chloronaphthalene	13.96	162	128562	1.881	nq	97
47) 2-Nitroaniline	14.15	65	18974	5.729	nq	93
48) Acenaphthylene	14.80	152	166906	1.516	nq	98
49) Dimethylphthalate	14.50	163	136816	1.582	nq	98
50) 2,6-Dinitrotoluene	14.63	165	16592	0.930	nq #	87
51) Acenaphthene	15.13	154	134702	1.879	nq	97
52) 3-Nitroaniline	14.96	138	20210	0.931	nq	96
53) 2,4-Dinitrophenol	15.16	184	3568	9.726	nq #	37
54) Dibenzofuran	15.46	168	196074	1.931	nq	94
55) 4-Nitrophenol	15.23	139	12407	5.631	nq #	87
56) 2,4-Dinitrotoluene	15.40	165	20196	4.904	nq #	85
57) Fluorene	16.10	166	147983	1.785	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.67	232	18858	1.086	nq #	81
59) Diethylphthalate	15.85	149	130285	1.483	nq	97
60) 4-Chlorophenyl-phenylether	16.09	204	71002	1.880	nq	93
61) 4-Nitroaniline	16.10	138	21832	0.979	nq	87
62) Azobenzene	16.38	77	121505	1.389	nq	92
64) 4,6-Dinitro-2-methylphenol	16.16	198	6954	9.222	nq #	83
65) n-Nitrosodiphenylamine	16.30	169	113517	1.495	nq	97
66) 4-Bromophenyl-phenylether	16.97	248	37218	1.677	nq #	74
67) Hexachlorobenzene	17.09	284	47876	1.847	nq #	86
68) Atrazine	17.22	200	27164	1.099	nq	91
69) Pentachlorophenol	17.43	266	15098	6.615	nq	97
70) Phenanthrene	17.83	178	269314	1.954	nq	99
71) Anthracene	17.92	178	214073	1.604	nq	98
72) Carbazole	18.18	167	211630	1.574	nq	97
73) Di-n-butylphthalate	18.71	149	159079	1.072	nq #	97
74) Fluoranthene	19.80	202	240300	1.662	nq	95
76) Benzidine	19.97	184	43457	0.531	nq	97
77) Pyrene	20.16	202	273000	1.672	nq	98
79) Butylbenzylphthalate	21.02	149	58641	6.048	nq	95
80) Benzo(a)anthracene	21.89	228	279025	1.767	nq	98
81) 3,3'-Dichlorobenzidine	21.80	252	59066	1.018	nq #	96
82) Chrysene	21.94	228	312568	1.986	nq	97
83) Bis(2-ethylhexyl)phthalate	21.78	149	85711	3.604	nq #	94
84) Di-n-octyl phthalate	22.73	149	124284	7.215	nq	99
85) Indeno(1,2,3-cd)pyrene	26.93	276	317264	1.641	nq #	85
87) Benzo(b)fluoranthene	23.63	252	276286	1.710	nq #	97
88) Benzo(k)fluoranthene	23.67	252	281043	1.727	nq #	95
89) Benzo(a)pyrene	24.27	252	254324	1.641	nq #	94
90) Dibenzo(a,h)anthracene	26.95	278	265943	1.641	nq #	85
91) Benzo(g,h,i)perylene	27.72	276	268963	1.642	nq #	89

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

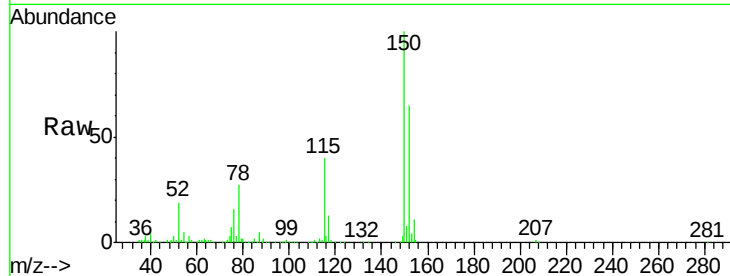


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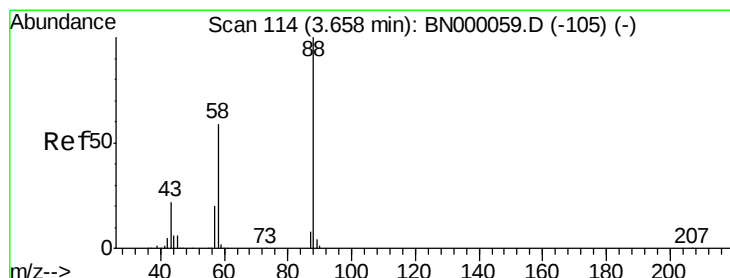
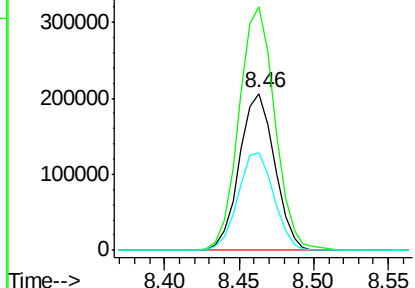
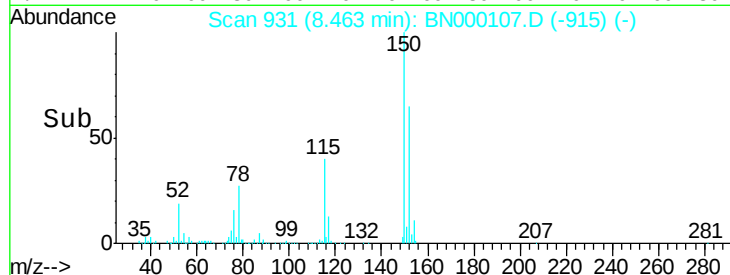
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

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

Tot Ion:152 Resp: 337204
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 61.9 53.0 79.4



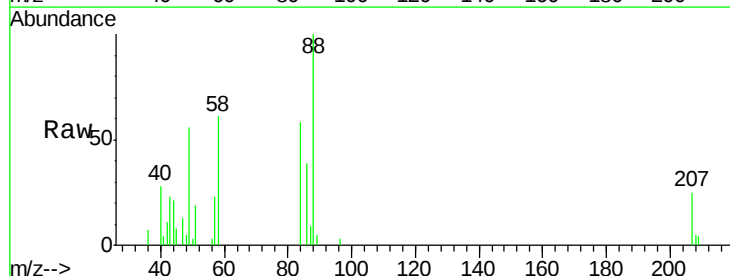
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



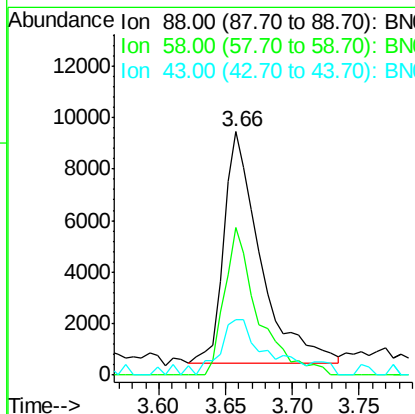
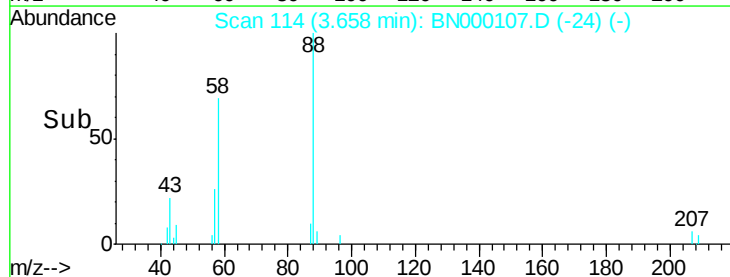
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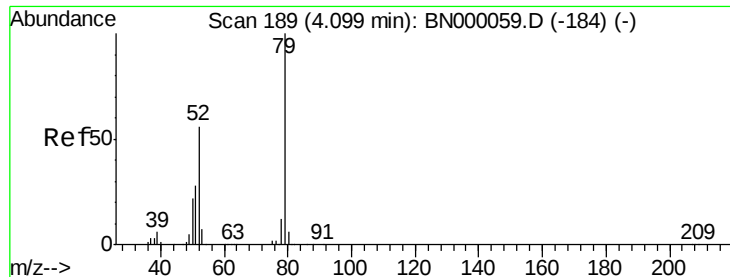
1,4-Dioxane
Concen: 2.078 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

Tgt Ion: 88 Resp: 17301
Ion Ratio Lower Upper
88 100
58 58.6 52.0 78.0
43 29.8 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: 1.395 ng

RT: 4.14 min Scan# 196

Delta R.T. 0.04 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

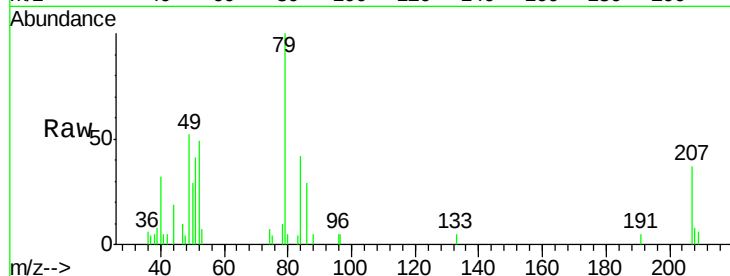
Tot Ion: 79 Resp: 36156

Ion Ratio Lower Upper

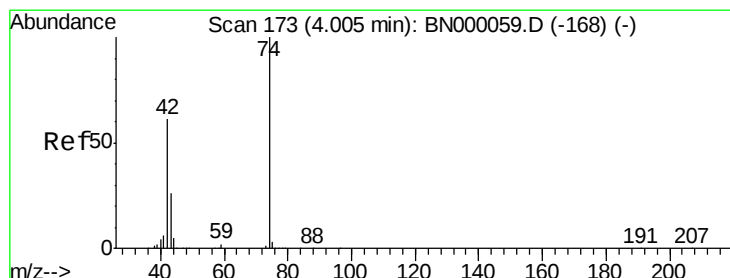
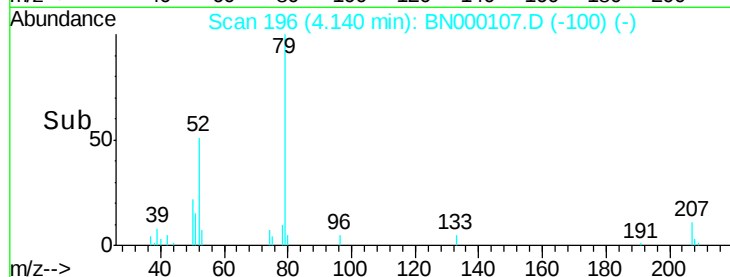
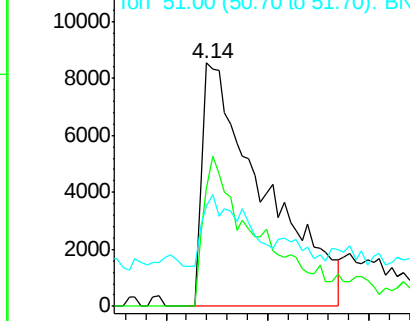
79 100

52 48.8 44.0 66.0

51 41.3 24.0 36.0#



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 52.00 (51.70 to 52.70): BNC
Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 1.689 ng

RT: 4.02 min Scan# 175

Delta R.T. 0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

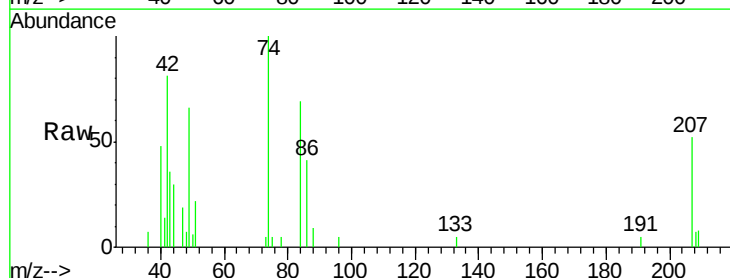
Tgt Ion: 42 Resp: 12377

Ion Ratio Lower Upper

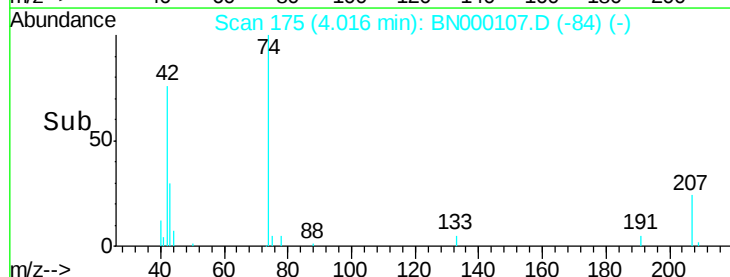
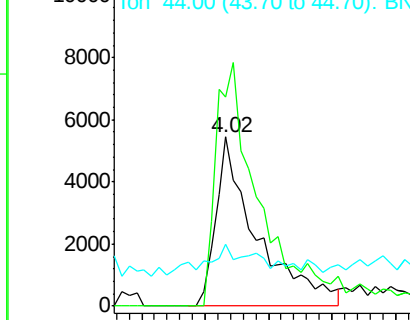
42 100

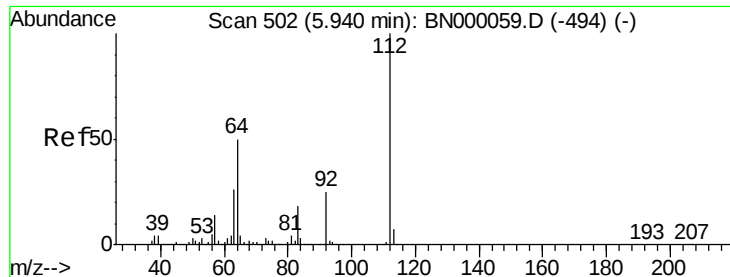
74 124.0 128.0 192.0#

44 36.9 12.0 18.0#



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





#5

2-Fluorophenol

Concen: 131.702 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

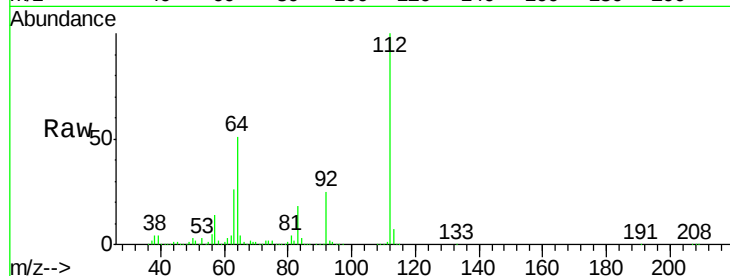
Tot Ion:112 Resp: 2724956

Ion Ratio Lower Upper

112 100

64 50.6 56.3 84.5#

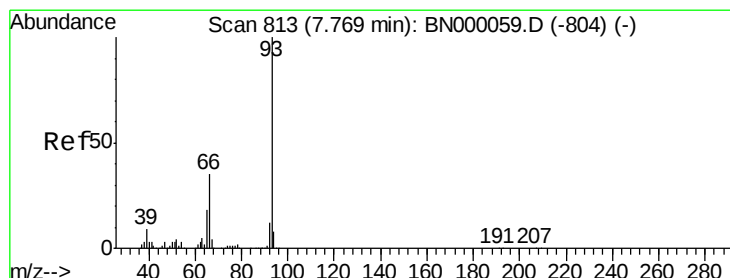
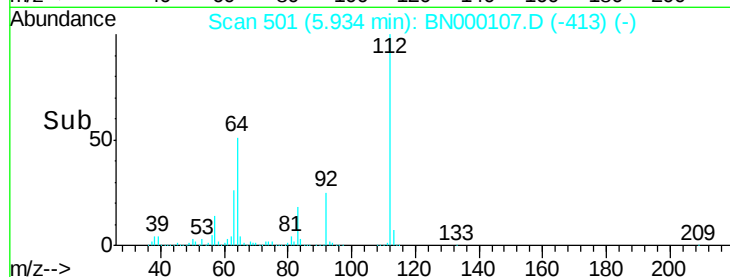
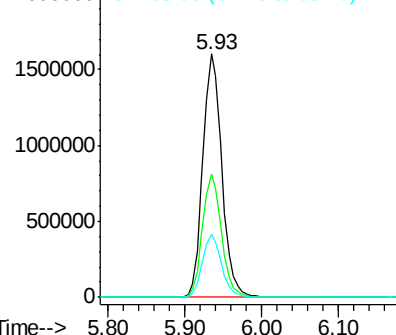
63 26.1 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 1.631 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

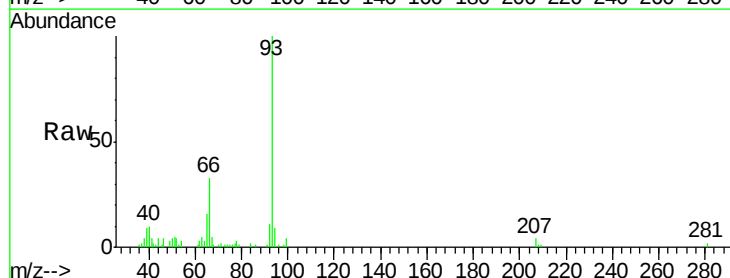
Tgt Ion: 93 Resp: 70410

Ion Ratio Lower Upper

93 100

66 33.3 33.7 50.5#

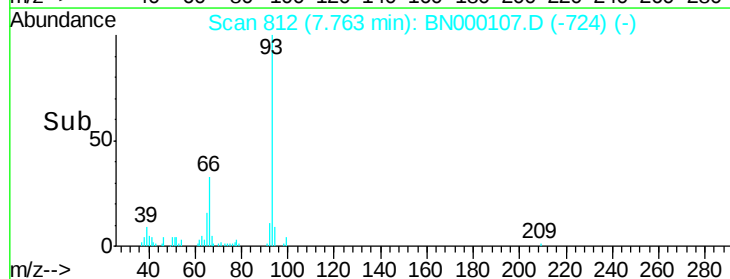
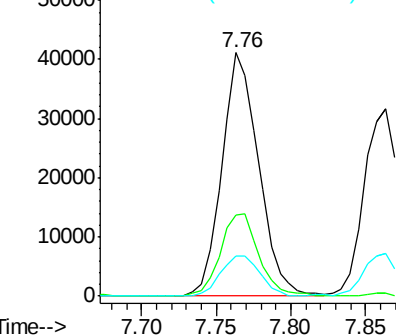
65 16.4 16.1 24.1

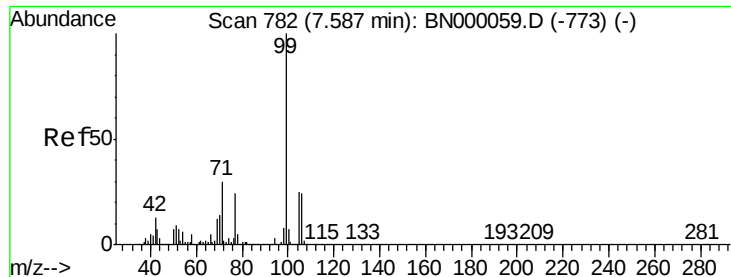


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 125.664 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

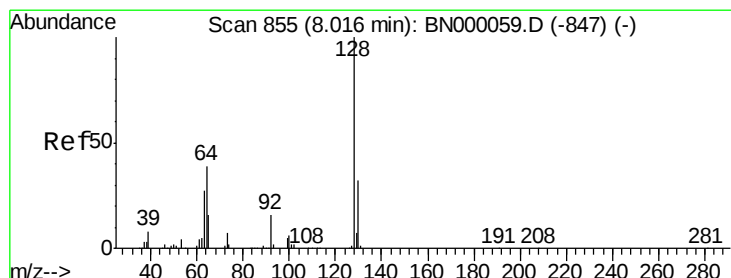
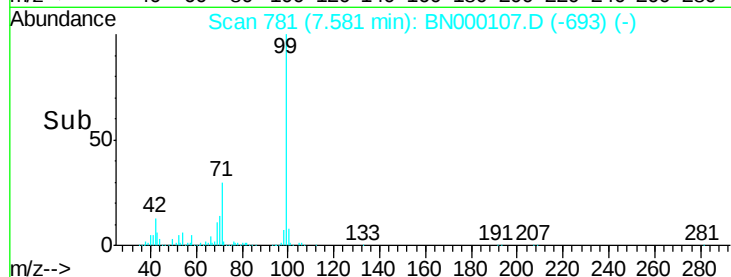
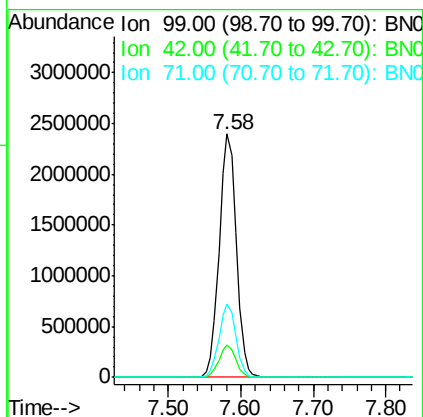
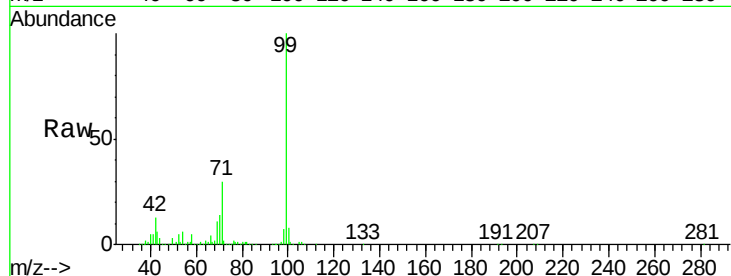
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ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion: 99 Resp: 3938421

Ion	Ratio	Lower	Upper
99	100		
42	13.2	14.1	21.1#
71	30.1	26.1	39.1



#8

2-Chlorophenol

Concen: 2.003 ng

RT: 8.01 min Scan# 854

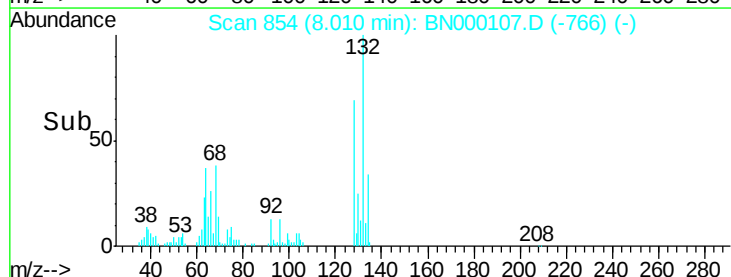
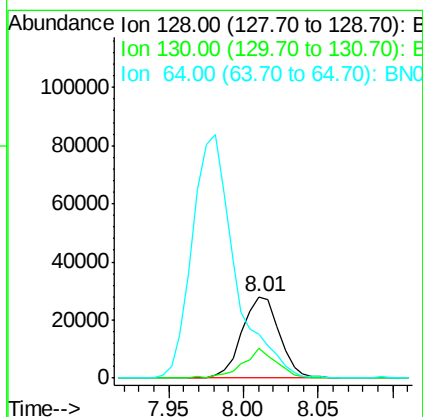
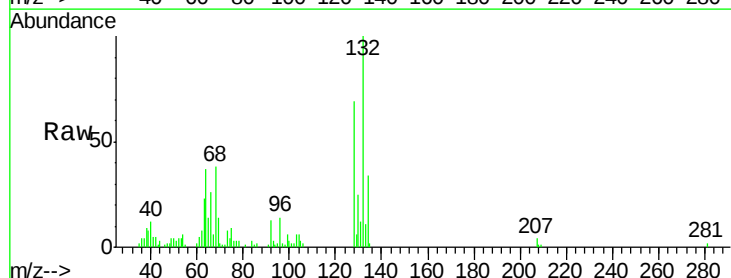
Delta R.T. -0.01 min

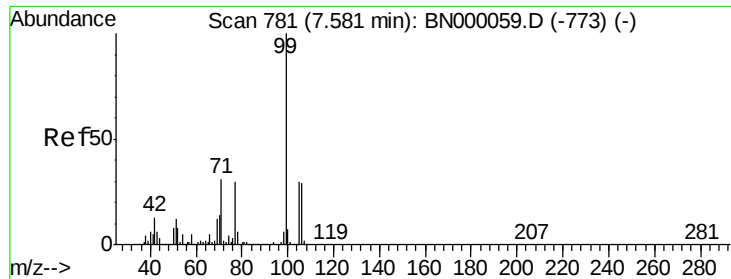
Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Tgt Ion: 128 Resp: 48452

Ion	Ratio	Lower	Upper
128	100		
130	37.1	14.0	54.0
64	54.0	37.7	77.7





#9

Benzaldehyde

Concen: 1.579 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

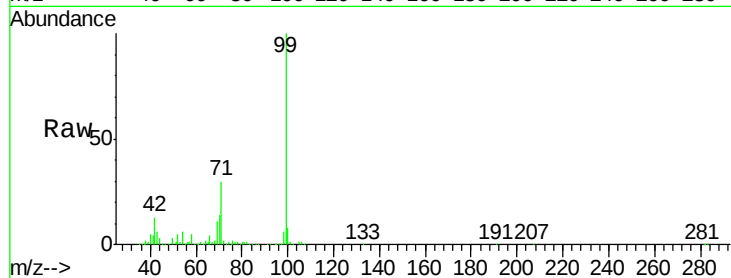
Tot Ion: 77 Resp: 30778

Ion Ratio Lower Upper

77 100

105 88.3 71.3 111.3

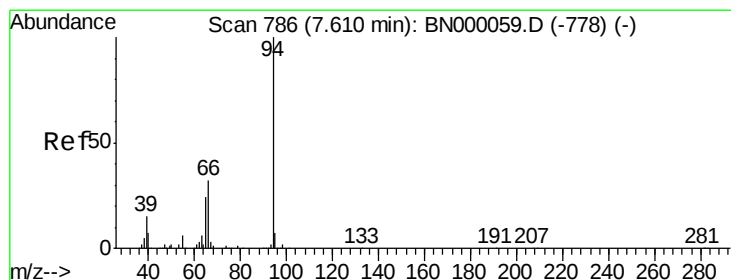
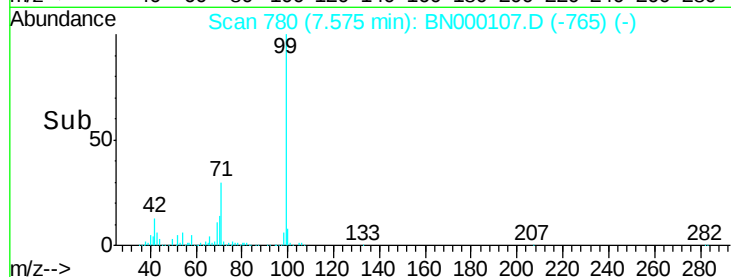
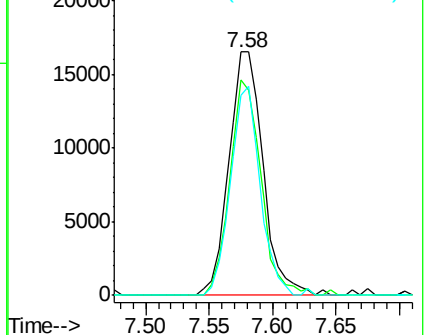
106 81.9 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



#10

Phenol

Concen: 1.917 ng

RT: 7.61 min Scan# 786

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

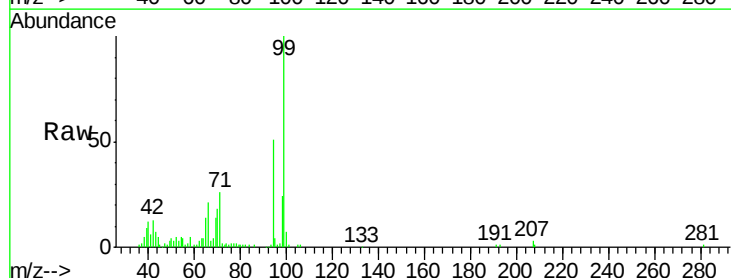
Tgt Ion: 94 Resp: 63409

Ion Ratio Lower Upper

94 100

65 28.2 11.9 51.9

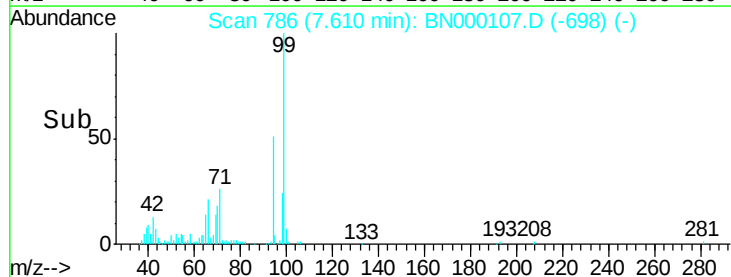
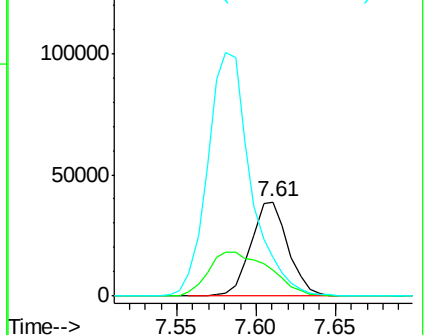
66 40.9 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

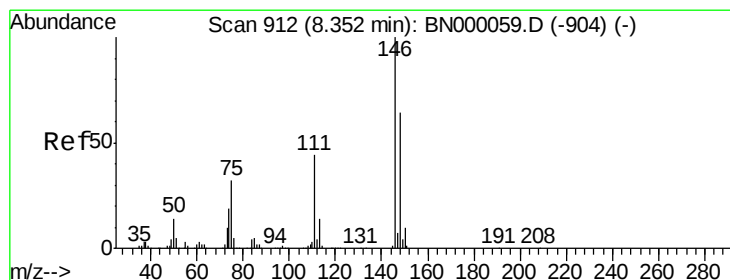
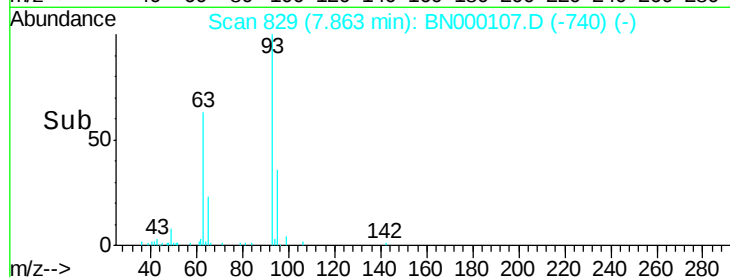
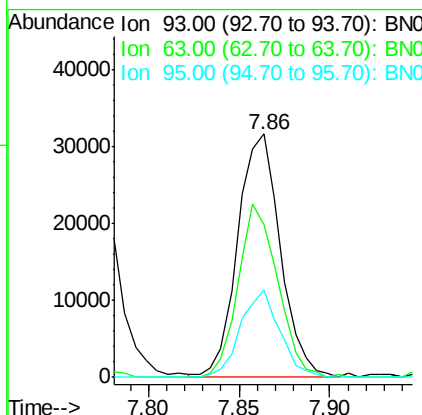
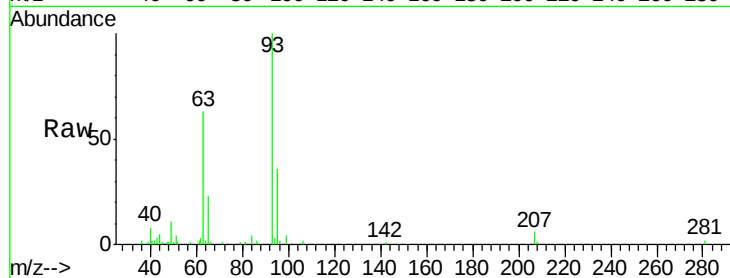




#11
 bis(2-Chloroethyl)ether
 Concen: 1.904 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

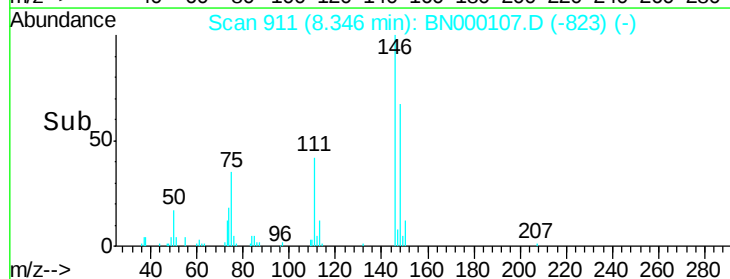
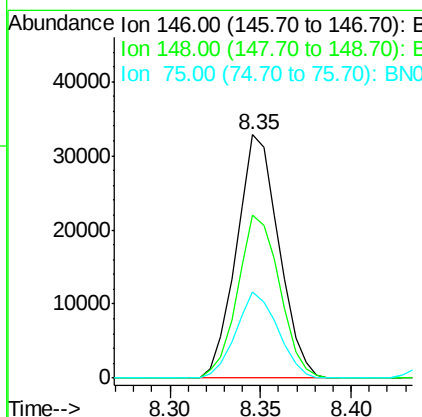
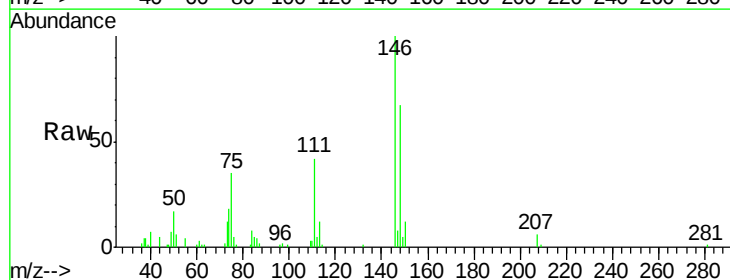
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

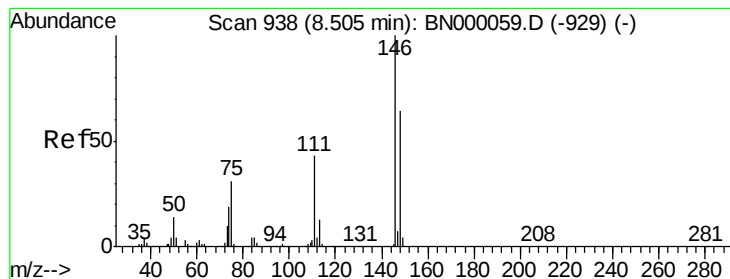
Tot Ion	93	Resp	51798
Ion Ratio	Lower	Upper	
93	100		
63	62.8	67.1	107.1#
95	35.7	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 1.933 ng
 RT: 8.35 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

Tgt Ion	146	Resp	53148
Ion Ratio	Lower	Upper	
146	100		
148	66.8	51.4	77.2
75	35.5	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 1.986 ng

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

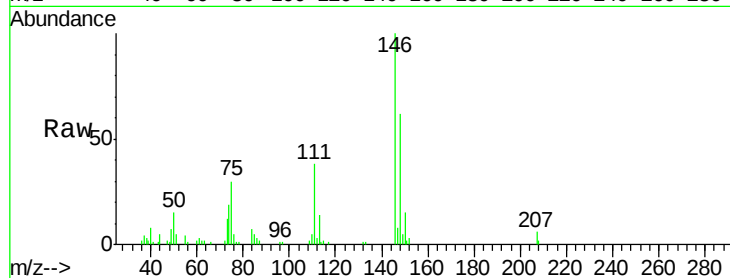
Tot Ion:146 Resp: 55762

Ion Ratio Lower Upper

146 100

148 61.5 53.7 80.5

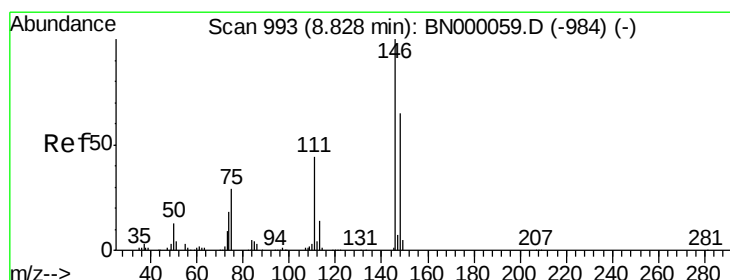
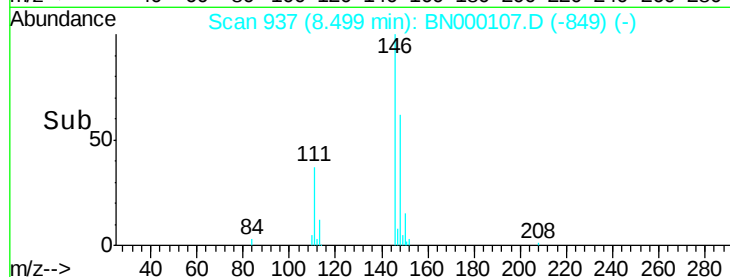
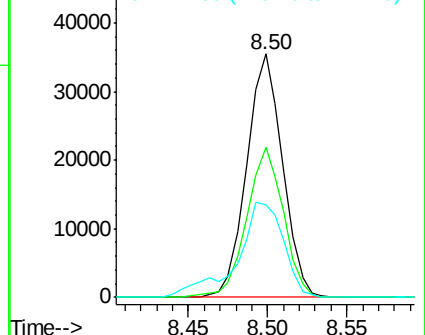
111 38.1 35.2 52.8



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: 1.995 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

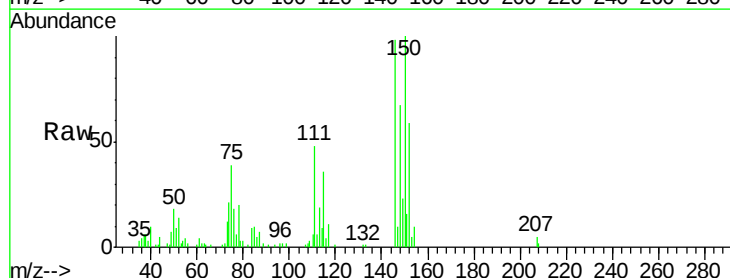
Tgt Ion:146 Resp: 55140

Ion Ratio Lower Upper

146 100

148 68.3 49.3 73.9

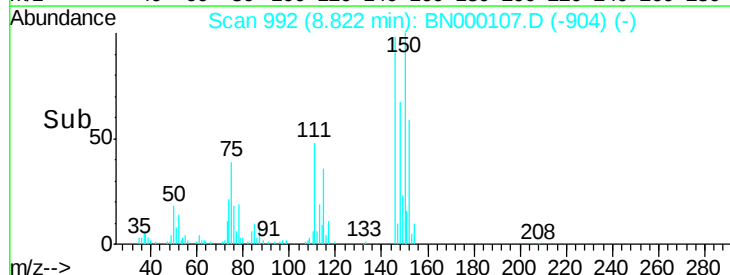
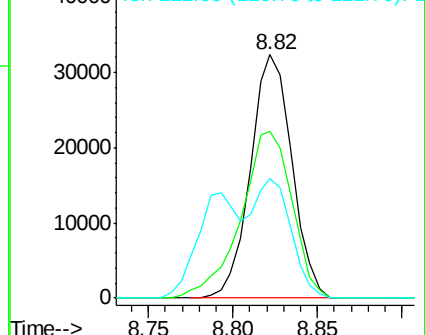
111 49.1 34.3 51.5

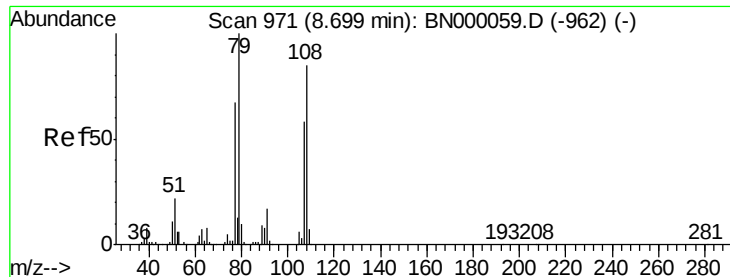


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.474 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

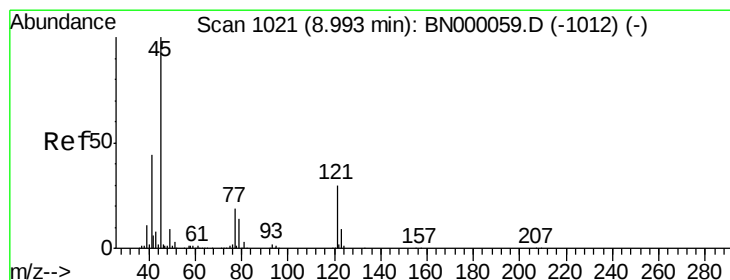
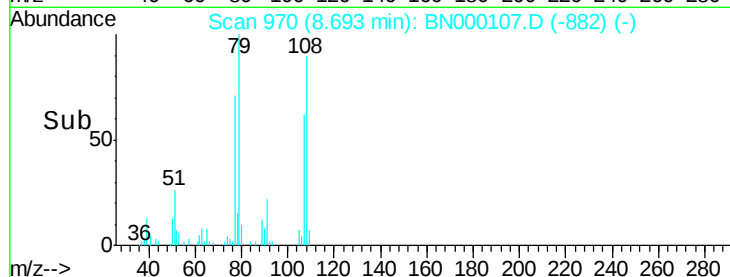
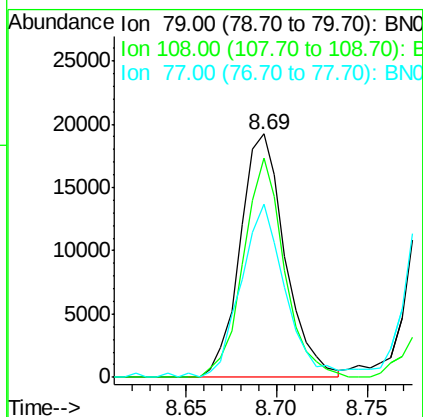
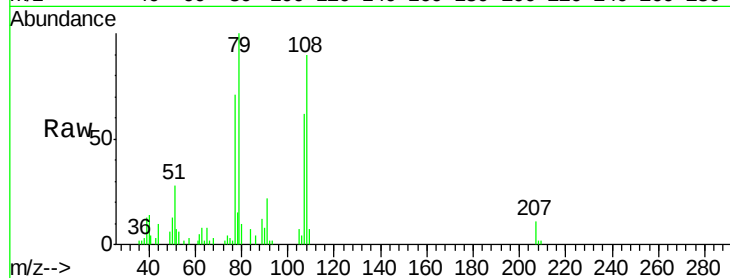
Tot Ion: 79 Resp: 33211

Ion Ratio Lower Upper

79 100

108 89.9 57.2 85.8#

77 71.1 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.950 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

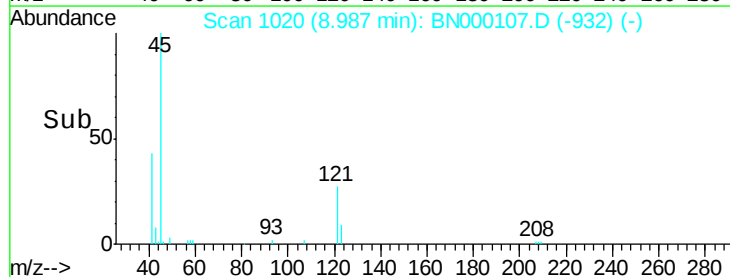
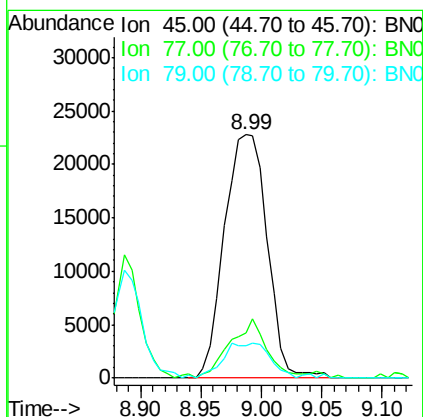
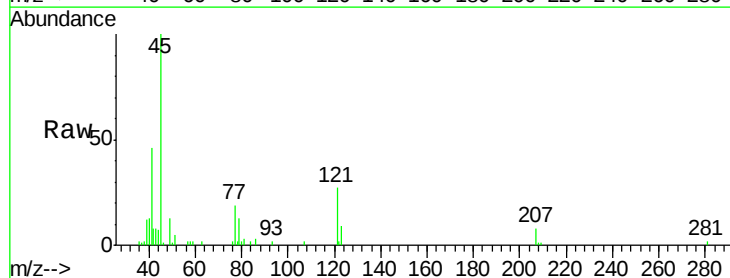
Tgt Ion: 45 Resp: 56158

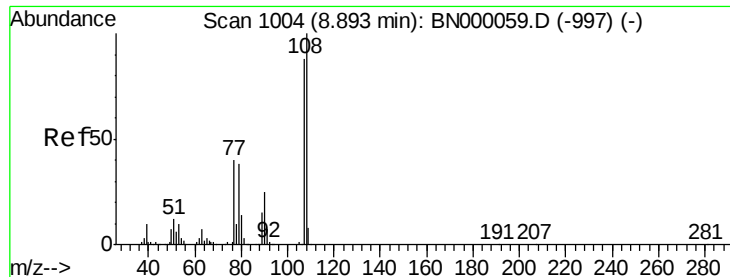
Ion Ratio Lower Upper

45 100

77 18.6 0.0 30.2

79 13.2 0.0 27.9





#17

2-Methylphenol

Concen: 1.618 ng

RT: 8.89 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:107 Resp: 38029

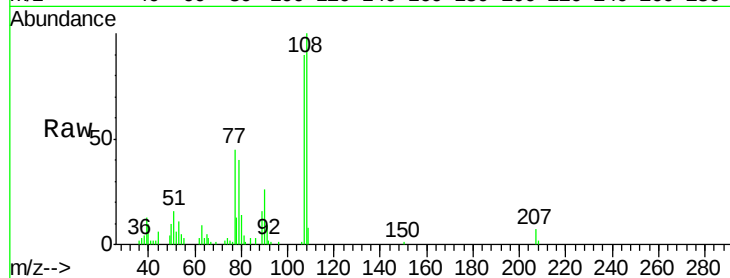
Ion Ratio Lower Upper

107 100

108 111.1 83.9 125.9

77 50.4 37.2 55.8

79 44.2 36.2 54.2

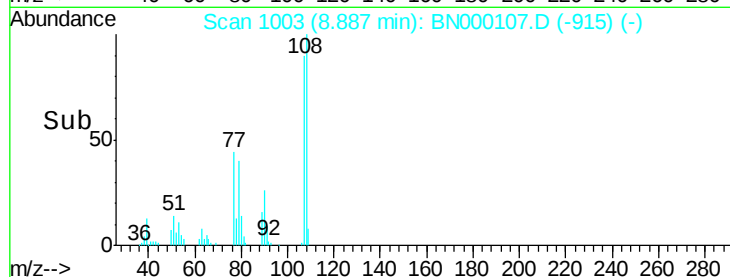


Abundance Ion 107.00 (106.70 to 107.70): E

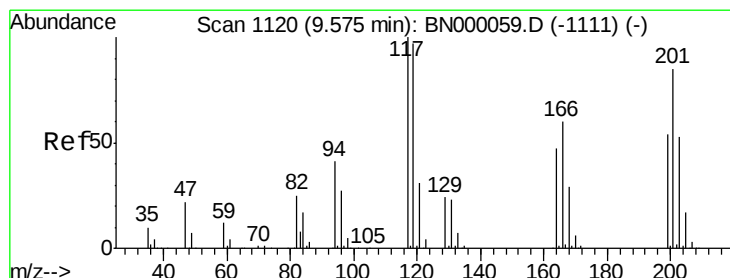
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



Time-->



#18

Hexachloroethane

Concen: 1.749 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

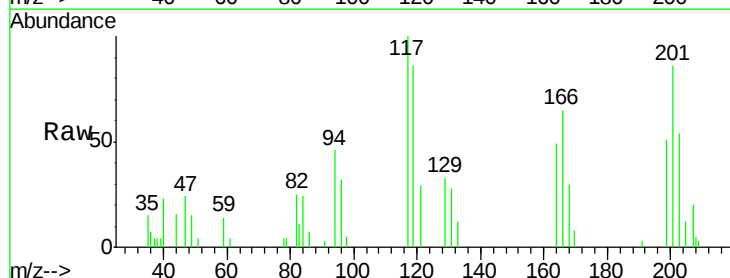
Tgt Ion:117 Resp: 17091

Ion Ratio Lower Upper

117 100

119 86.5 76.7 115.1

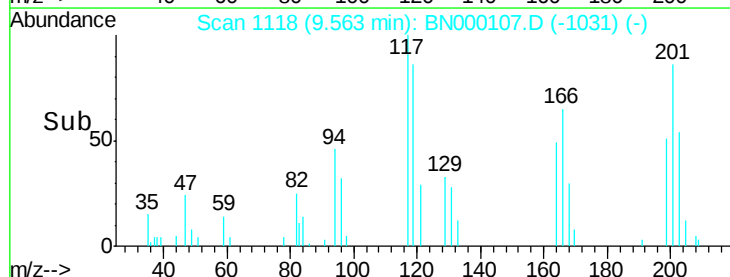
201 86.2 95.7 143.5#



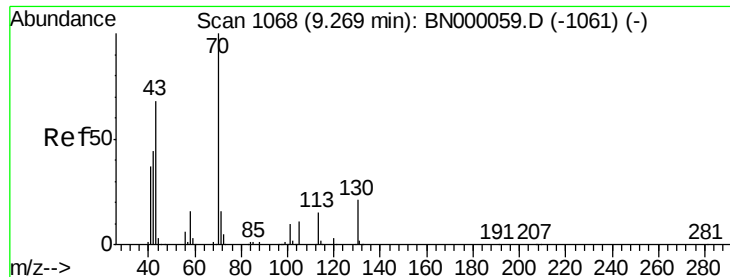
Abundance Ion 117.00 (116.70 to 117.70): E

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: 1.457 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion: 70 Resp: 30595

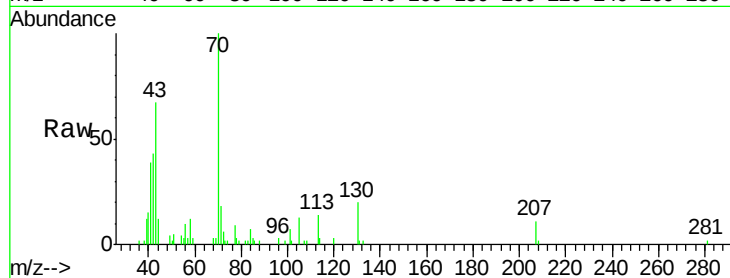
Ion Ratio Lower Upper

70 100

42 43.2 49.1 73.7#

101 7.4 8.5 12.7#

130 19.6 13.4 20.0

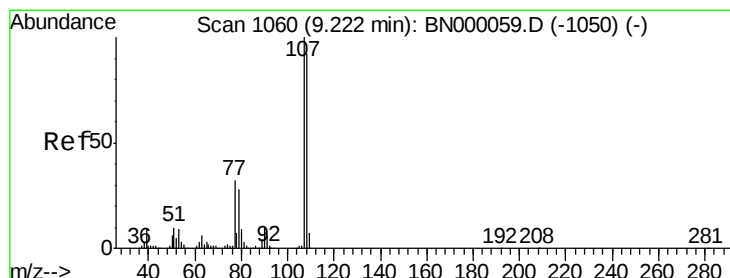
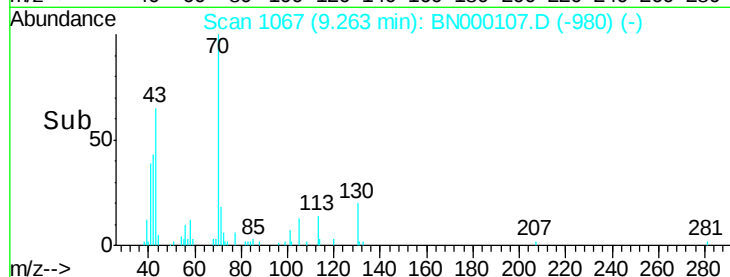
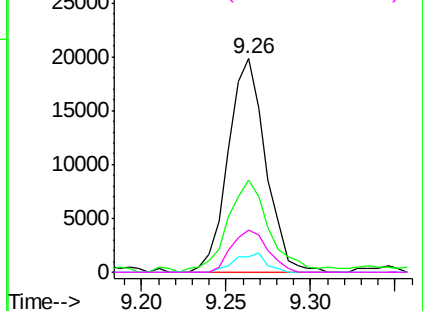


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 1.464 ng

RT: 9.22 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Tgt Ion:107 Resp: 48130

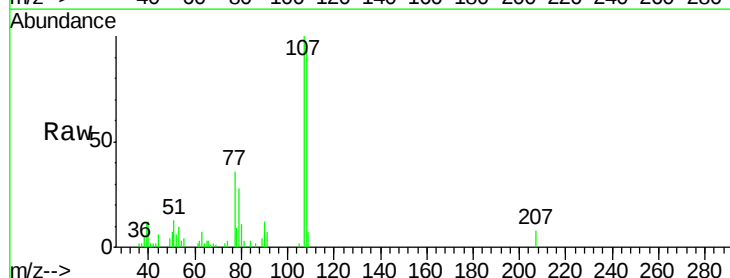
Ion Ratio Lower Upper

107 100

108 96.2 61.6 101.6

77 35.5 13.9 53.9

79 27.7 8.8 48.8

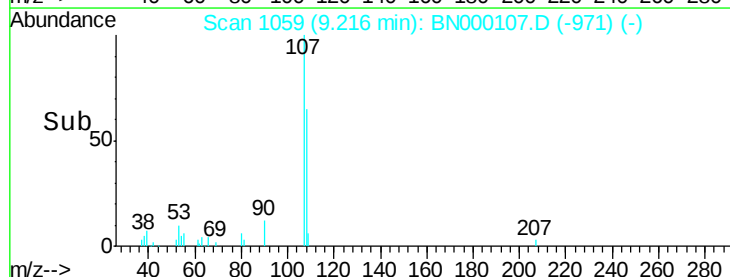
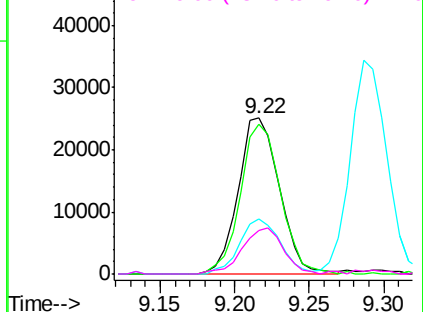


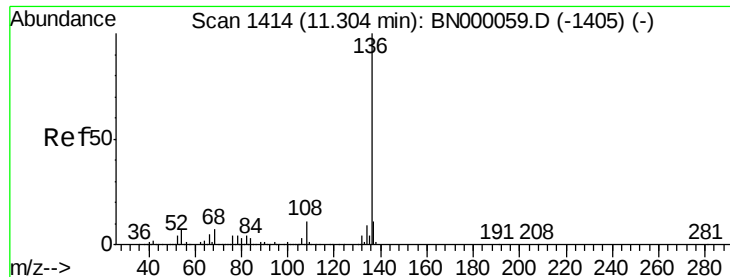
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

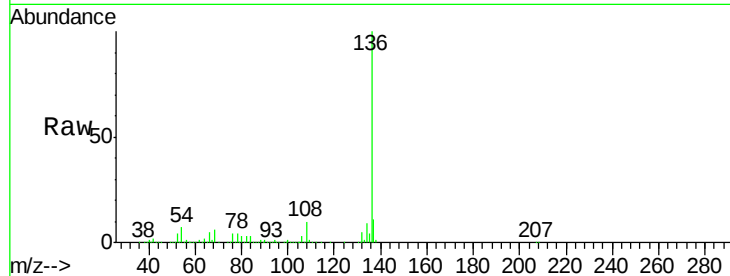




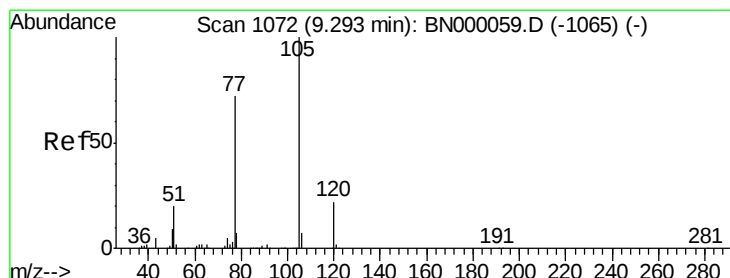
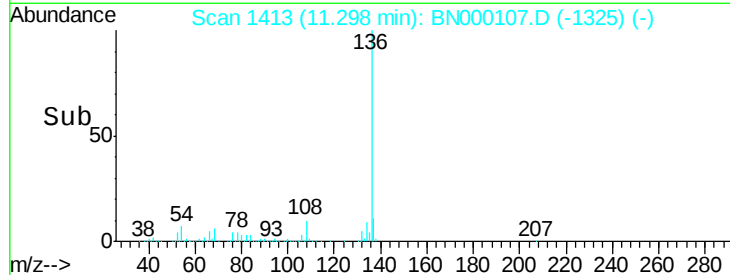
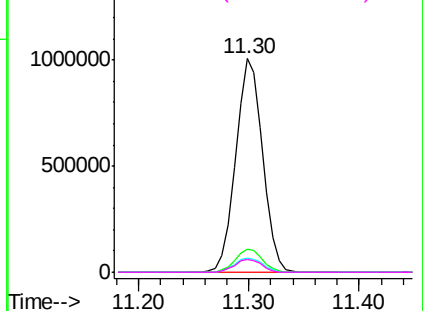
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.30 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

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

Tot Ion:136	Resp: 1713143
Ion Ratio	Lower Upper
136 100	
137 10.7	9.2 13.8
54 6.9	10.3 15.5#
68 6.0	4.5 6.7

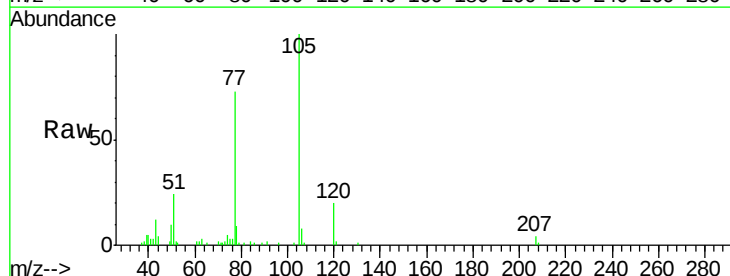


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

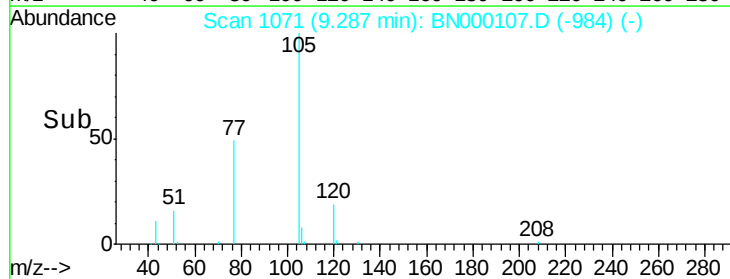
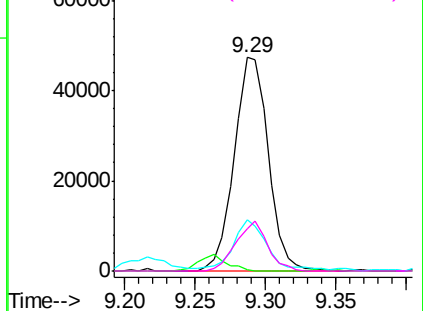


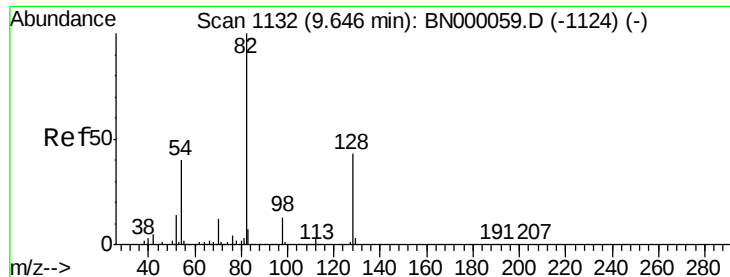
#22
Acetophenone
Concen: 1.665 ng
RT: 9.29 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

Tgt	Ion:105	Resp:	79941
Ion	Ratio	Lower	Upper
105	100		
71	0.9	3.0	4.4#
51	23.9	26.1	39.1#
120	20.1	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

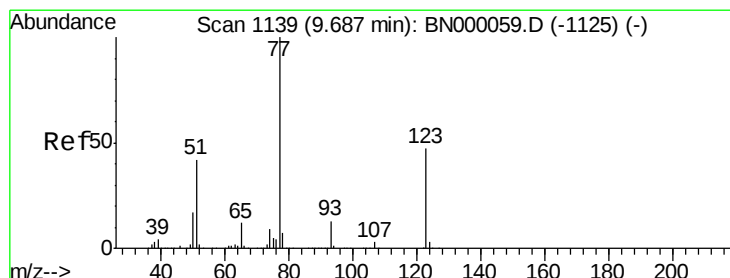
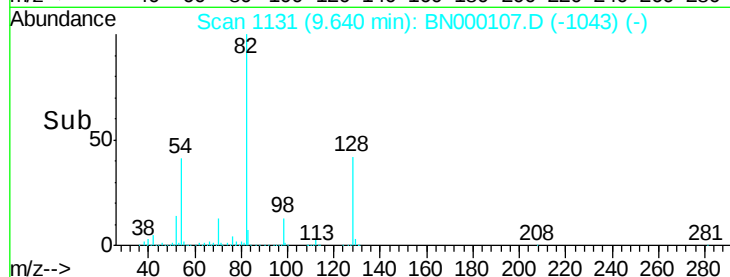
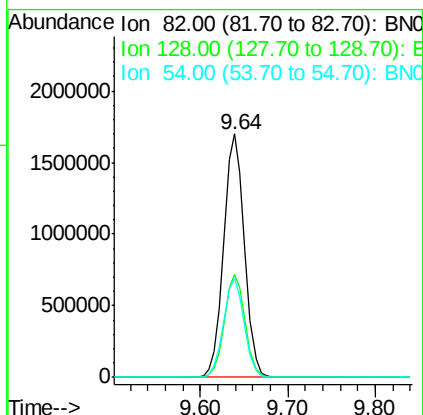
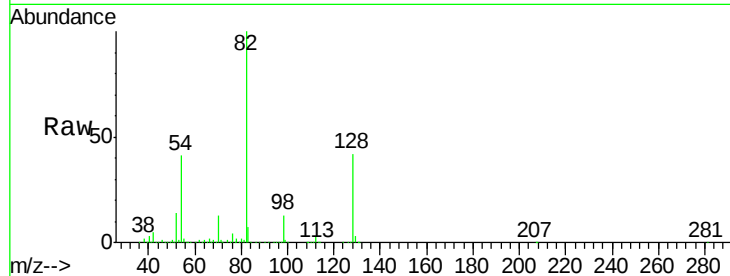




#23
 Nitrobenzene-d5
 Concen: 96.024 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

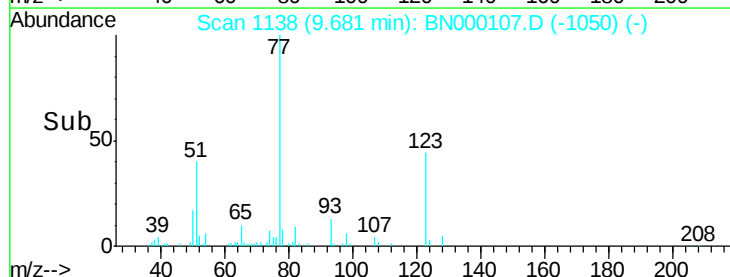
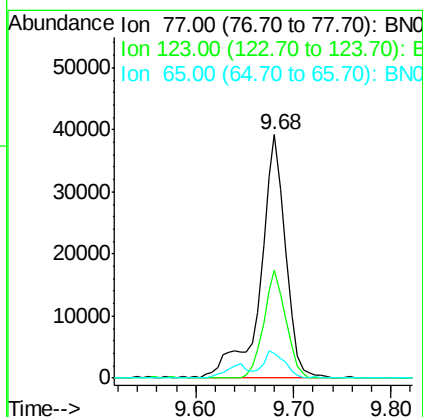
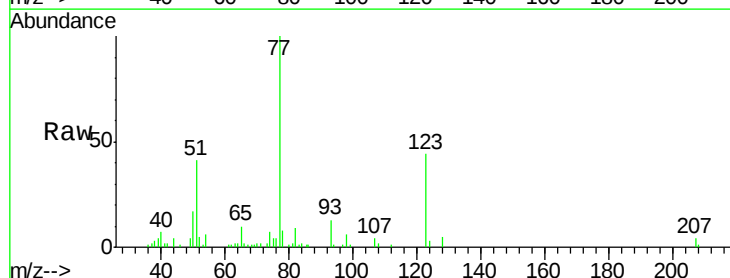
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

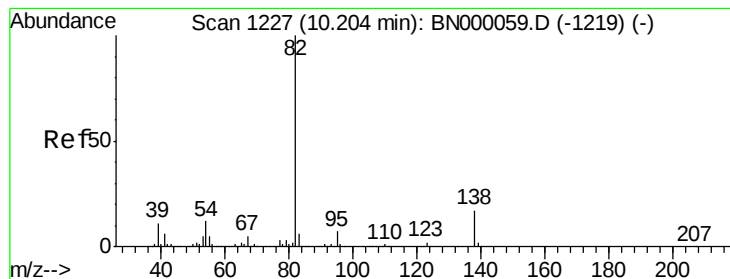
Tot Ion: 82 Resp: 2766826
 Ion Ratio Lower Upper
 82 100
 128 42.5 29.7 44.5
 54 40.5 43.1 64.7#



#24
 Nitrobenzene
 Concen: 2.254 ng
 RT: 9.68 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

Tgt Ion: 77 Resp: 70998
 Ion Ratio Lower Upper
 77 100
 123 44.3 33.0 49.6
 65 10.0 13.0 19.6#





#25

Isophorone

Concen: 1.443 ng

RT: 10.20 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

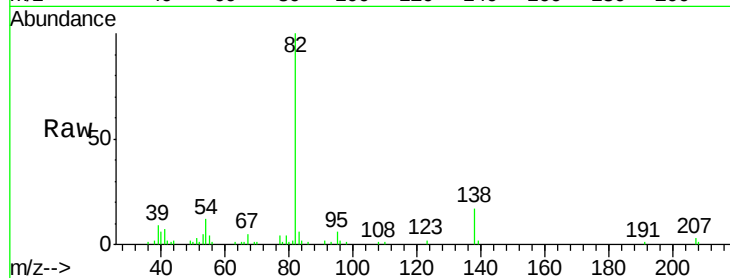
Tot Ion: 82 Resp: 85971

Ion Ratio Lower Upper

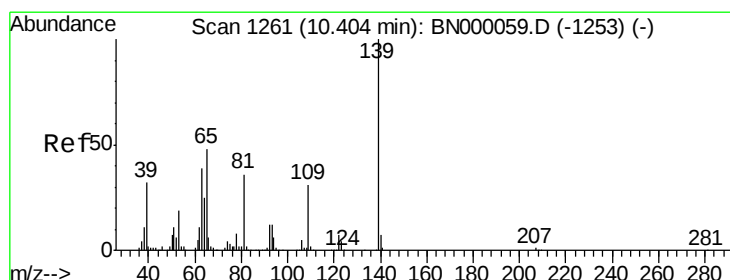
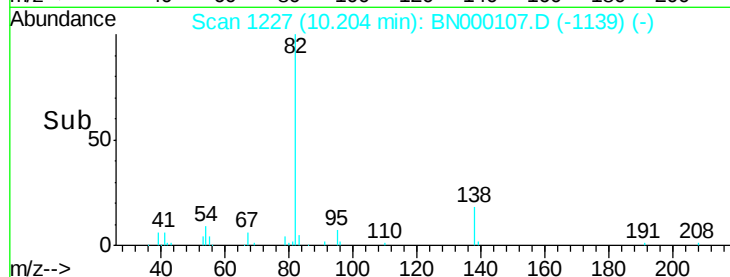
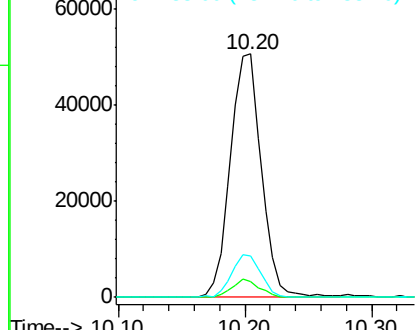
82 100

95 6.4 6.2 9.2

138 16.9 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: 8.125 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

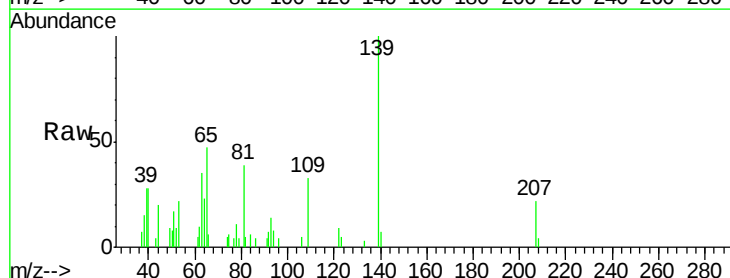
Tgt Ion: 139 Resp: 14159

Ion Ratio Lower Upper

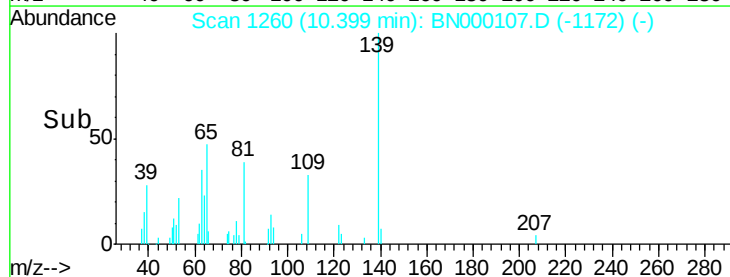
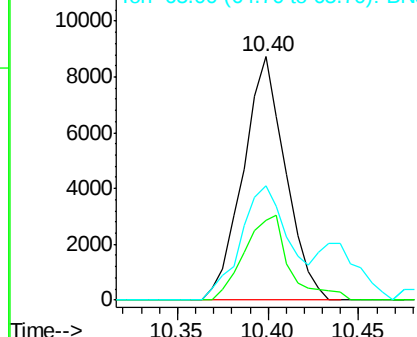
139 100

109 32.5 24.2 36.2

65 47.2 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

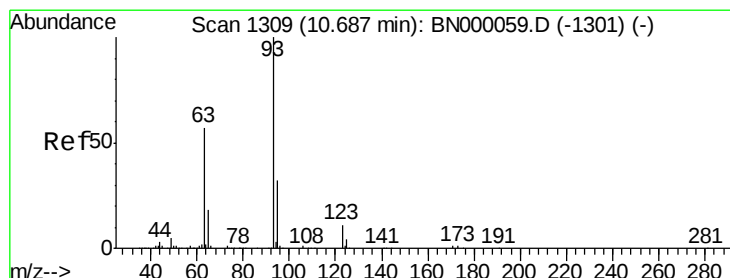
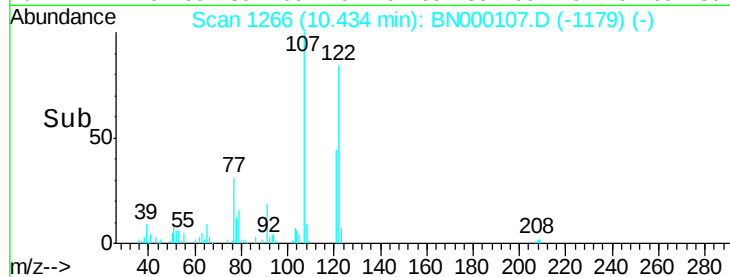
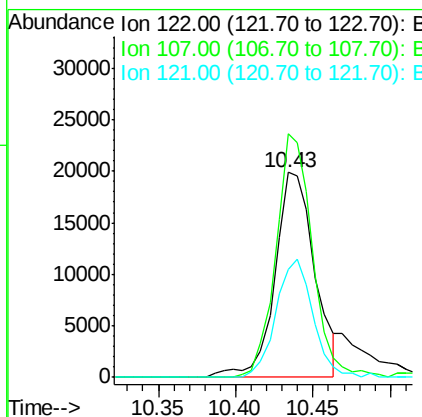
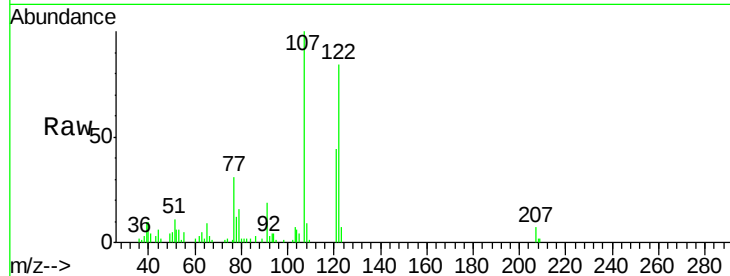




#27
2,4-Dimethylphenol
Concen: 1.387 ng m
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

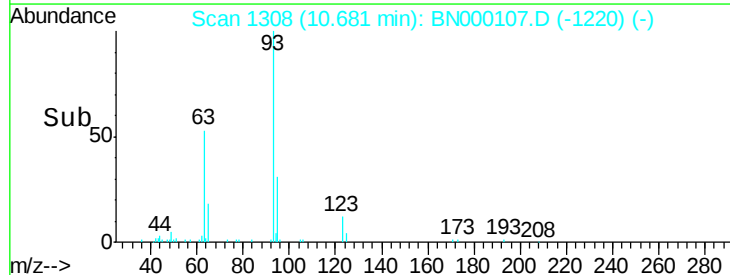
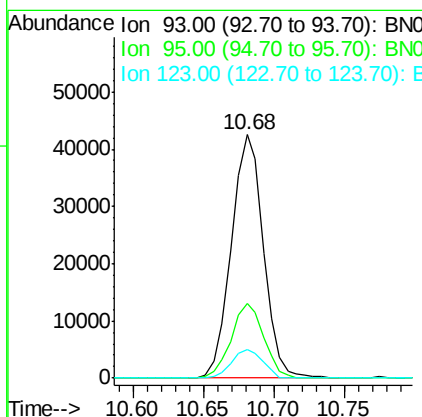
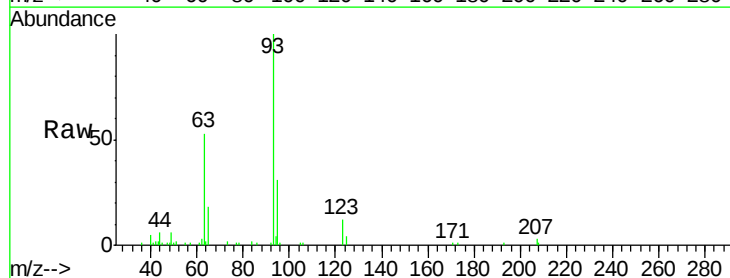
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

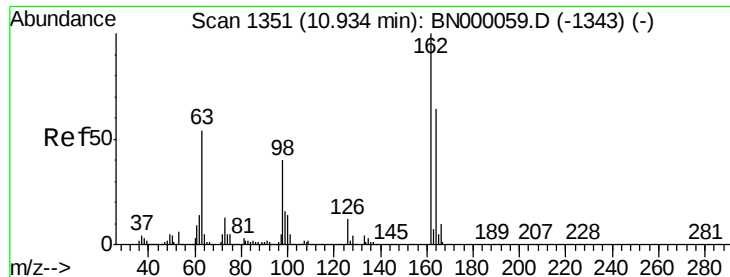
Tot Ion:122 Resp: 35805
Ion Ratio Lower Upper
122 100
107 118.8 100.2 150.2
121 52.7 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 1.759 ng
RT: 10.68 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

Tgt Ion: 93 Resp: 67206
Ion Ratio Lower Upper
93 100
95 30.8 24.3 36.5
123 11.8 8.4 12.6

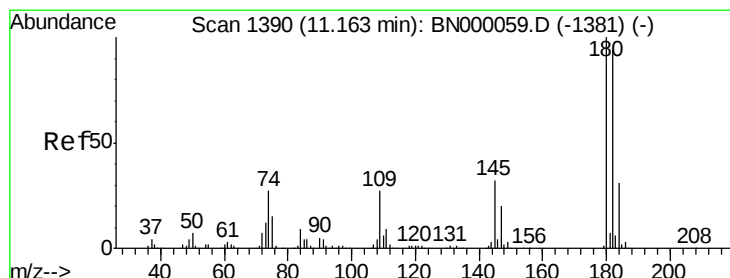
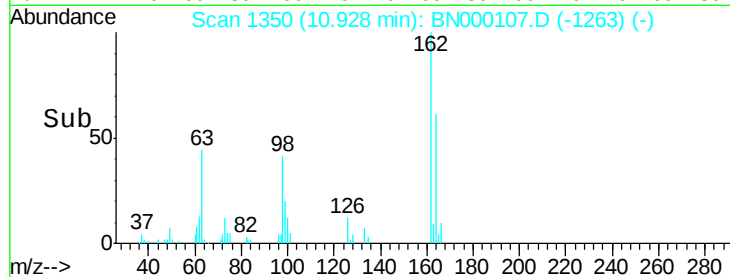
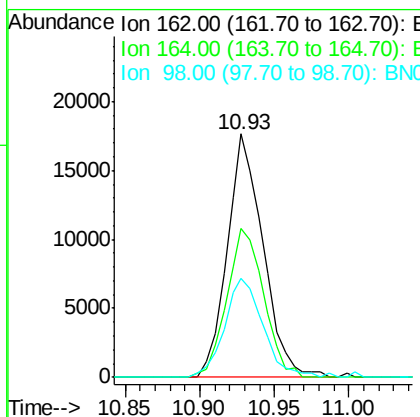
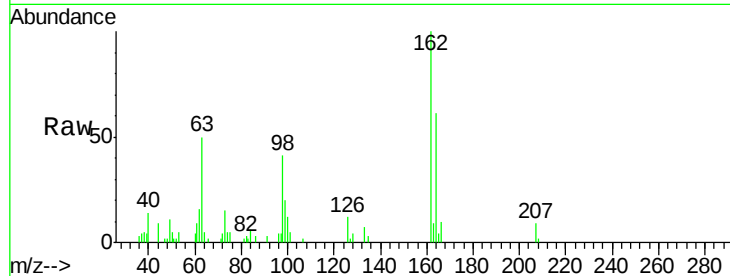




#29
 2,4-Dichlorophenol
 Concen: 1.236 ng
 RT: 10.93 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

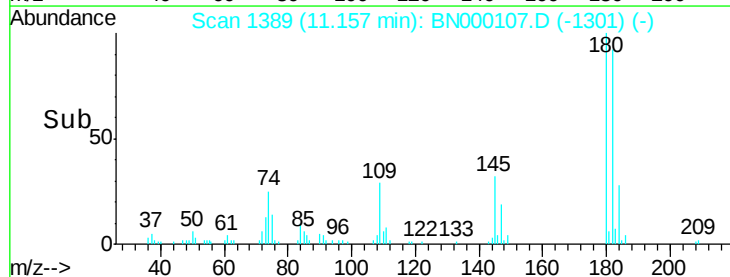
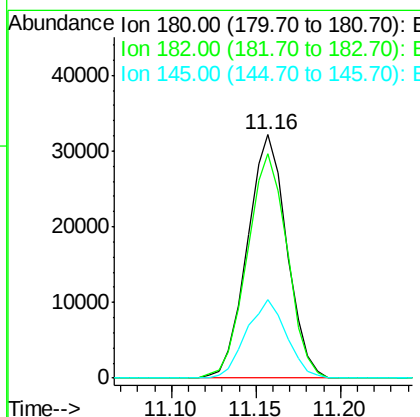
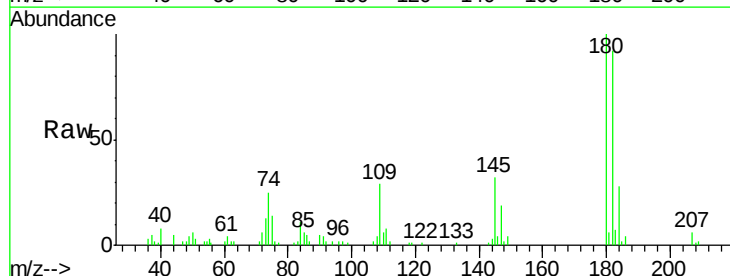
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion:162 Resp: 29544
 Ion Ratio Lower Upper
 162 100
 164 60.9 48.0 88.0
 98 40.6 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 1.898 ng
 RT: 11.16 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

Tgt Ion:180 Resp: 52220
 Ion Ratio Lower Upper
 180 100
 182 92.1 77.5 116.3
 145 32.4 23.4 35.2

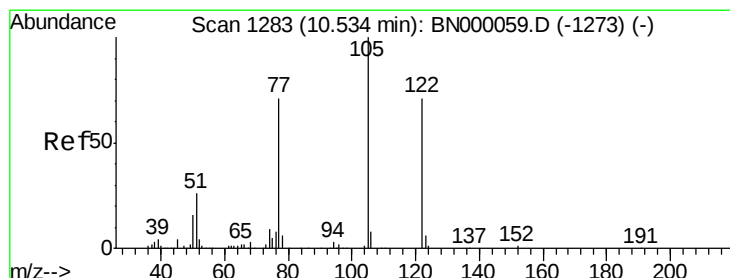
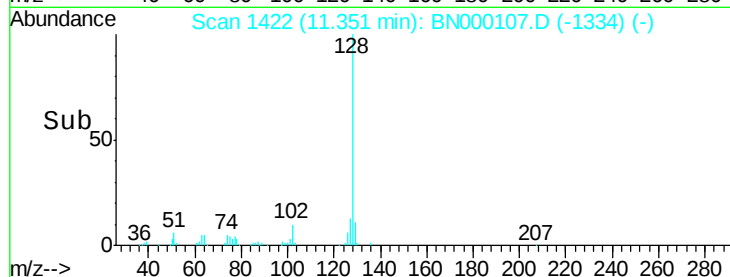
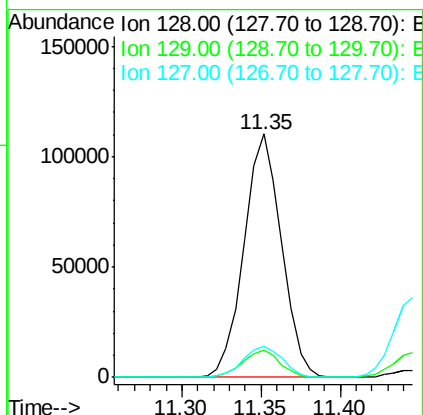
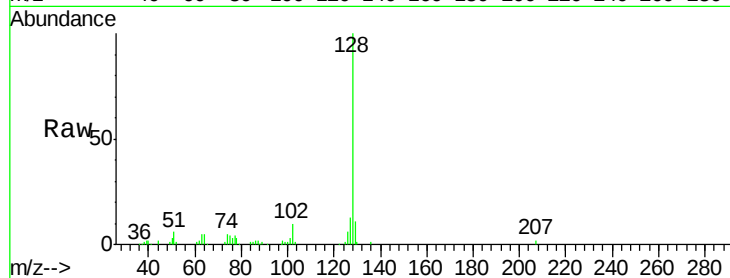




#31
Naphthalene
Concen: 1.928 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

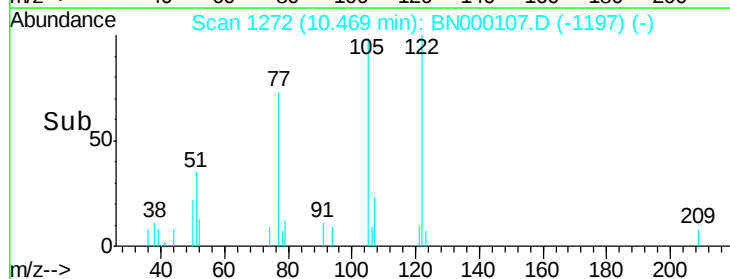
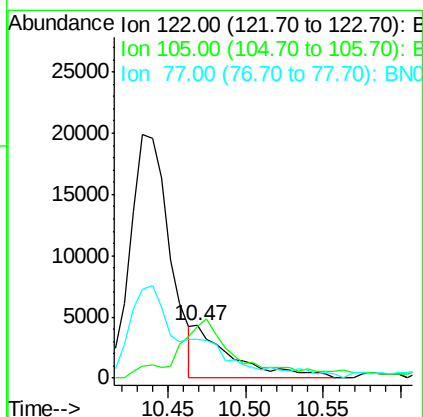
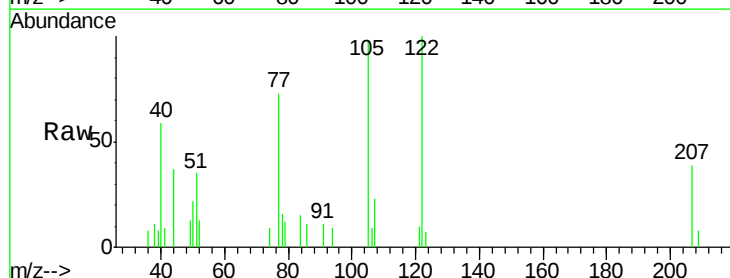
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion:128 Resp: 181110
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.0 11.6 17.4



#32
Benzoic acid
Concen: 10.840 ng m
RT: 10.47 min Scan# 1272
Delta R.T. -0.09 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

Tgt Ion:122 Resp: 7302
Ion Ratio Lower Upper
122 100
105 98.4 123.5 163.5#
77 73.1 85.7 125.7#

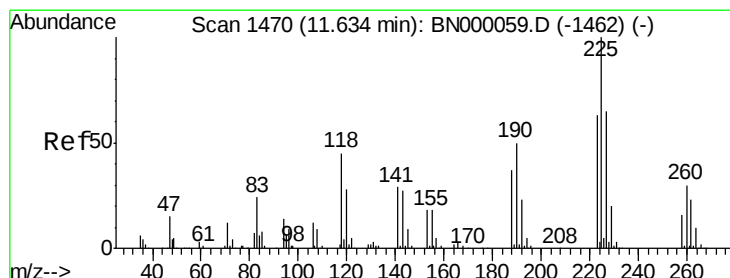
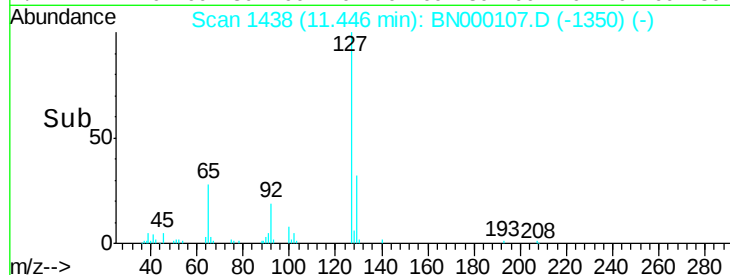
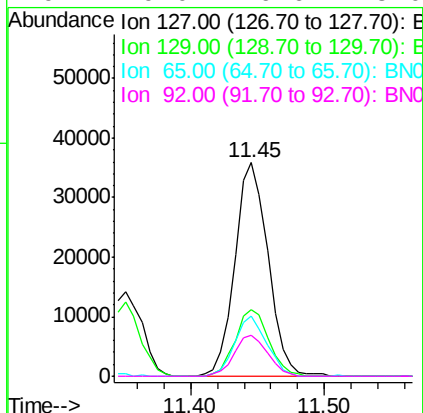
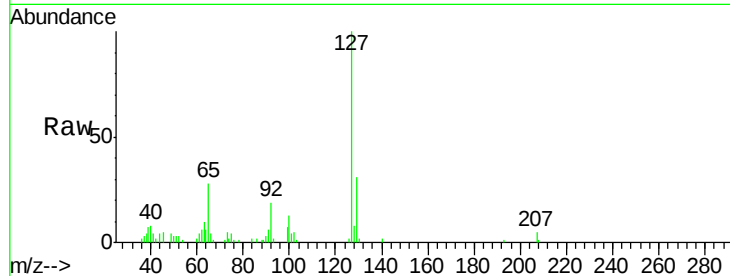




#33
4-Chloroaniline
Concen: 1.498 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

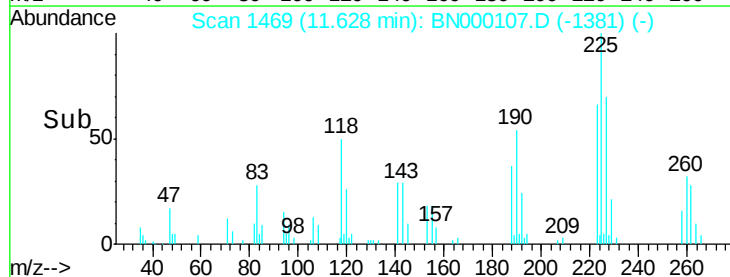
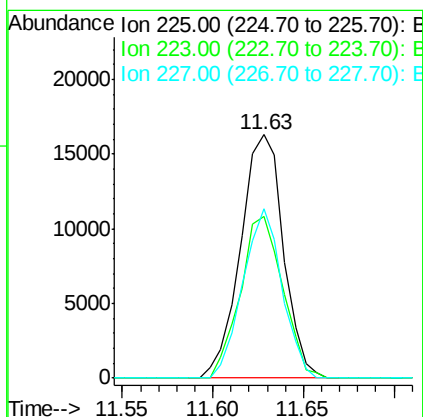
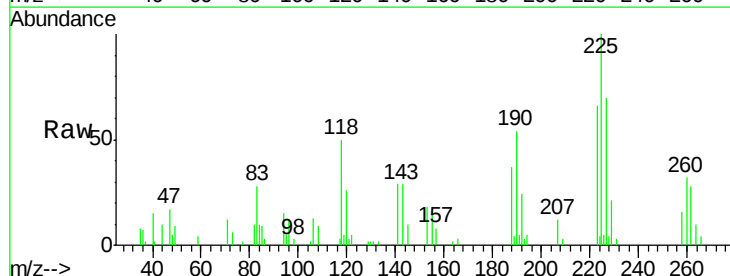
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

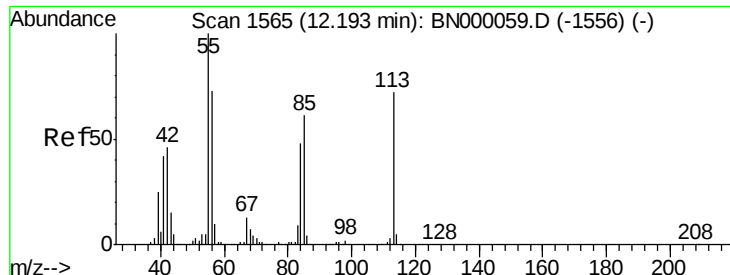
Tot Ion:	127	Resp:	61801
Ion	Ratio	Lower	Upper
127	100		
129	31.3	24.0	36.0
65	28.2	27.0	40.4
92	19.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 1.875 ng
RT: 11.63 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

Tgt Ion:	225	Resp:	26759
Ion	Ratio	Lower	Upper
225	100		
223	66.2	49.7	74.5
227	69.7	48.1	72.1

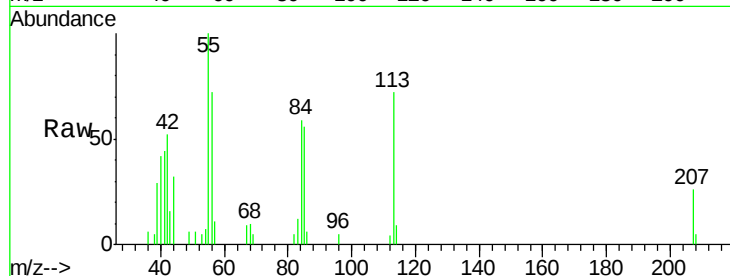




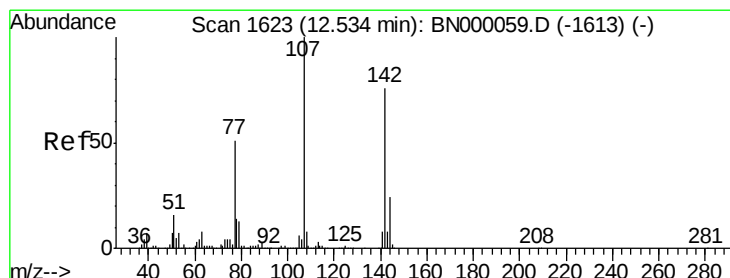
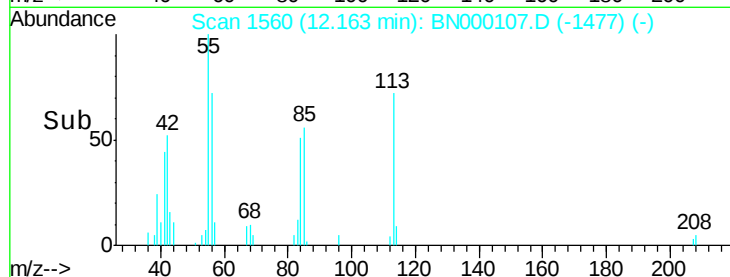
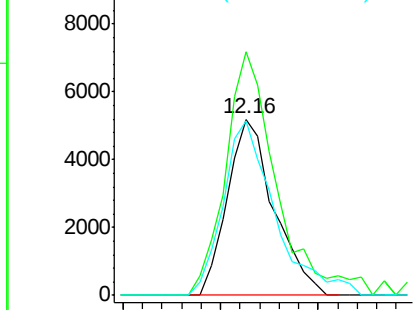
#35
 Caprolactam
 Concen: 4.774 ng
 RT: 12.16 min Scan# 1560
 Delta R.T. -0.04 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

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

Tot Ion:113 Resp: 8609
 Ion Ratio Lower Upper
 113 100
 55 138.3 120.0 160.0
 56 99.0 90.0 130.0

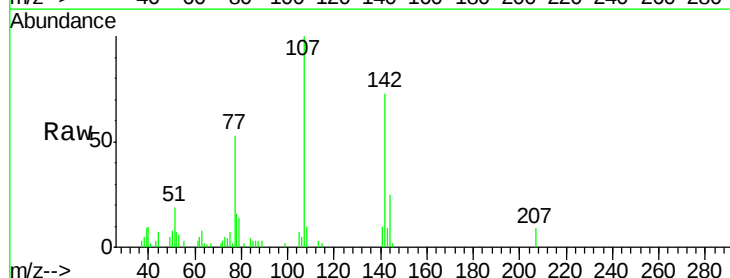


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BNC
 Ion 56.00 (55.70 to 56.70): BNC

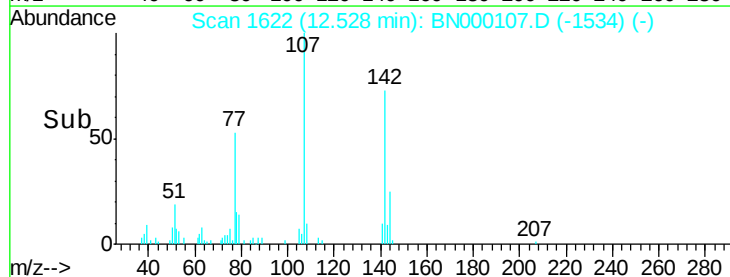
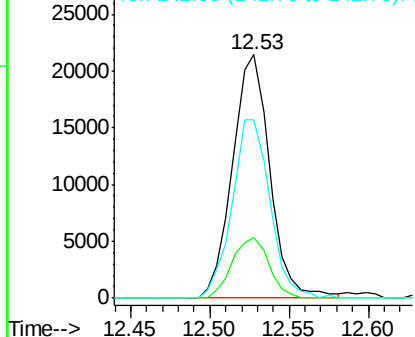


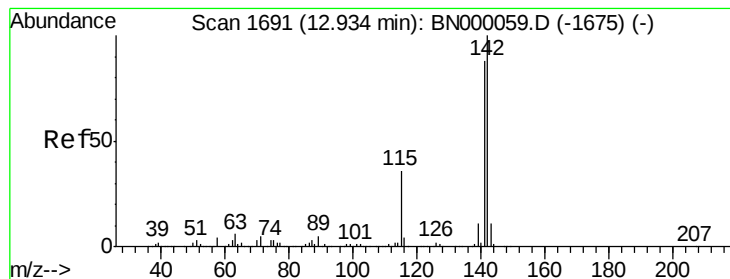
#36
 4-Chloro-3-methylphenol
 Concen: 1.157 ng
 RT: 12.53 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

Tgt Ion:107 Resp: 35102
 Ion Ratio Lower Upper
 107 100
 144 24.9 18.2 27.4
 142 73.3 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 1.817 ng

RT: 12.93 min Scan# 1690

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

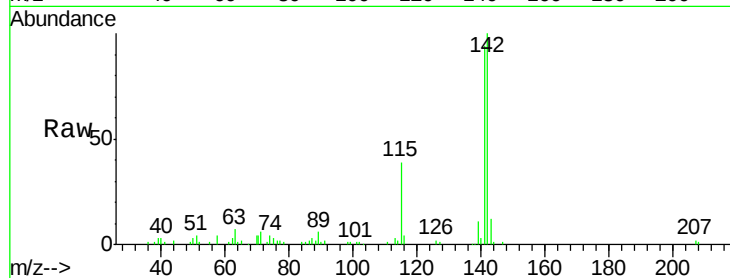
Tot Ion:142 Resp: 118748

Ion Ratio Lower Upper

142 100

141 93.8 67.1 100.7

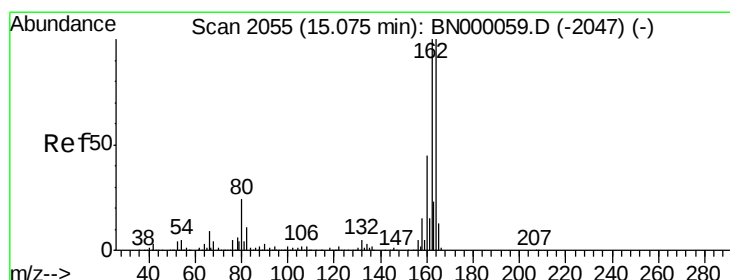
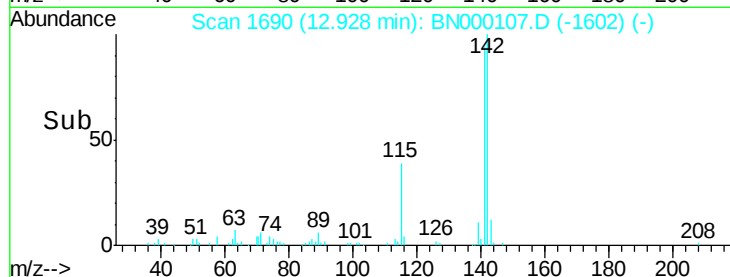
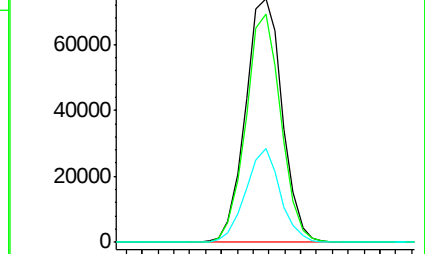
115 38.6 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

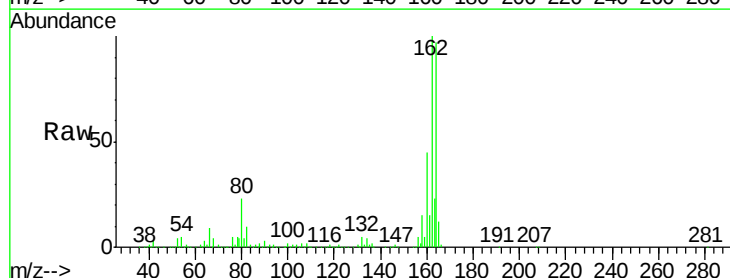
Tgt Ion:164 Resp: 1034328

Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

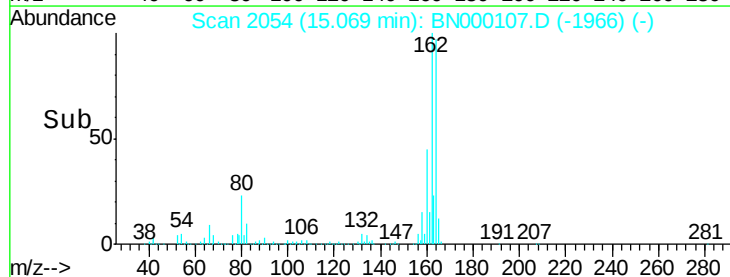
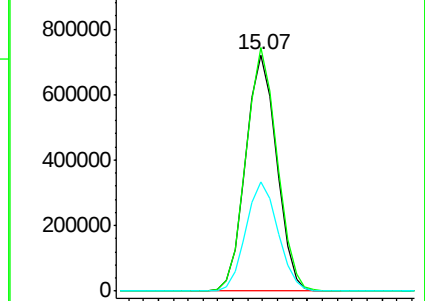
160 46.1 35.4 53.0

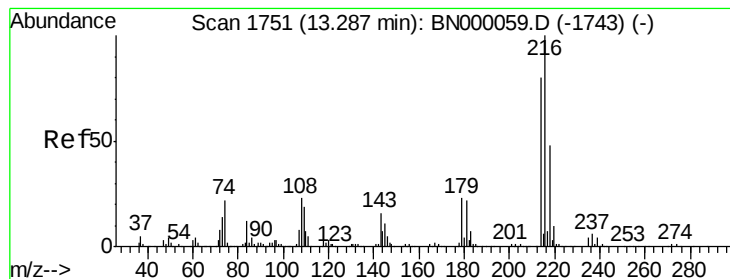


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 1.866 ng

RT: 13.28 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:216 Resp: 56960

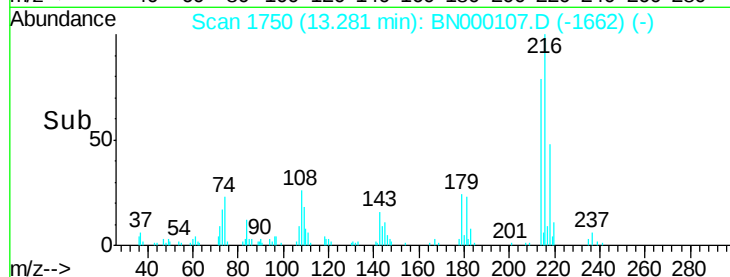
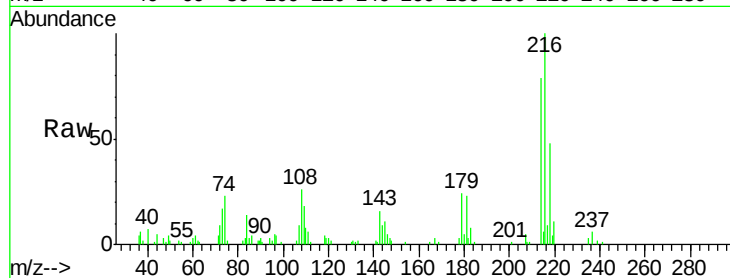
Ion Ratio Lower Upper

216 100

214 77.7 63.0 94.4

179 22.4 17.0 25.6

108 25.1 12.8 19.2#

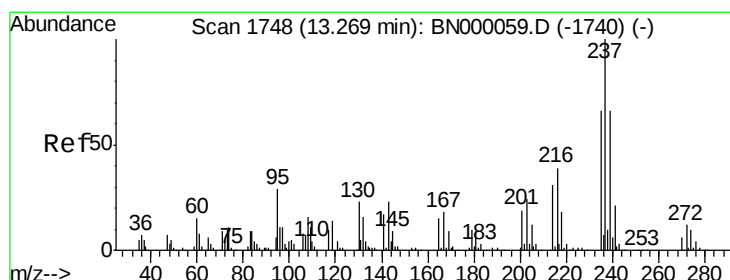
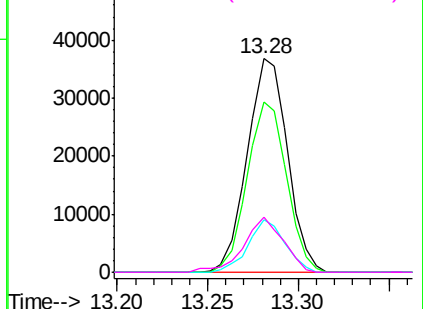


Abundance Ion 216.00 (215.70 to 216.70): E

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: 1.414 ng

RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

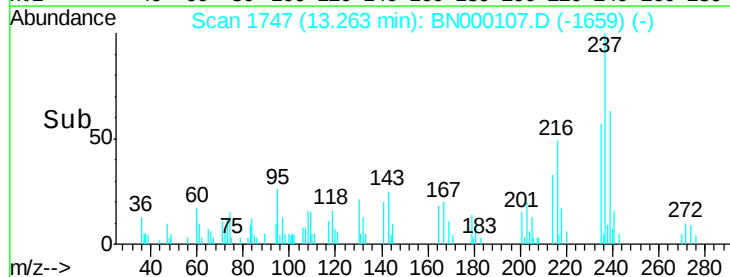
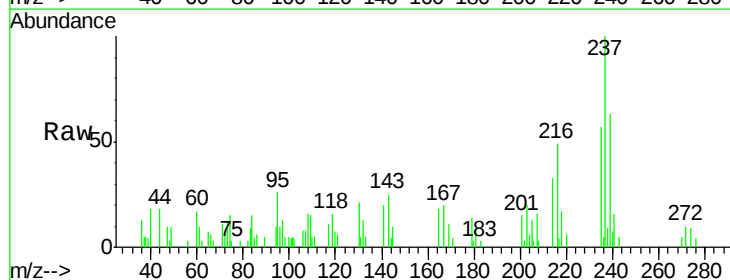
Tgt Ion:237 Resp: 17998

Ion Ratio Lower Upper

237 100

235 56.8 50.4 90.4

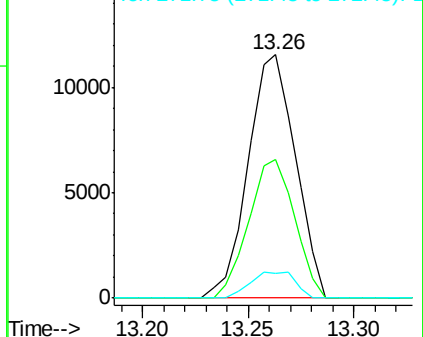
272 10.4 0.0 31.8

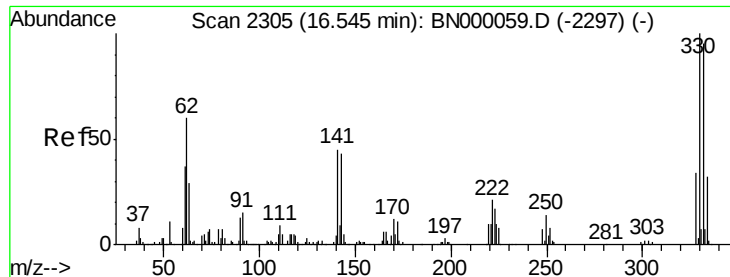


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

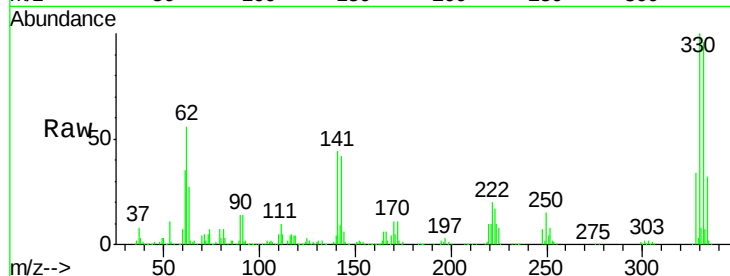




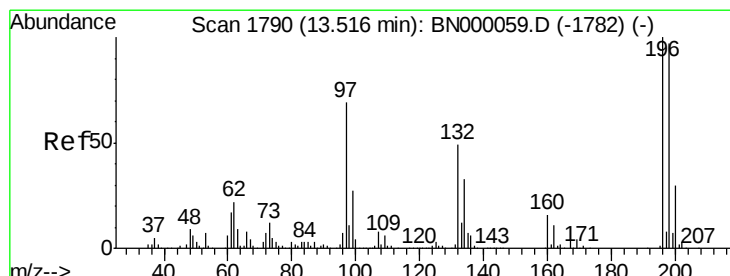
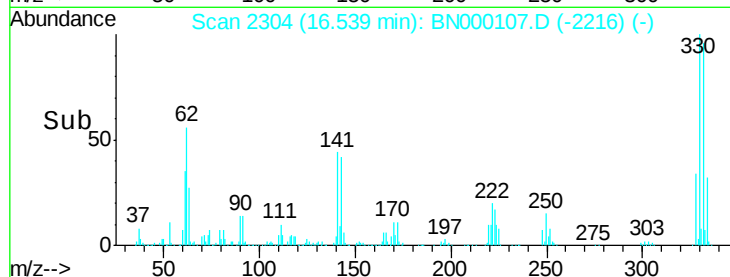
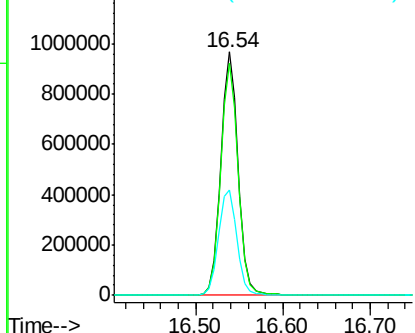
#41
 2,4,6-Tribromophenol
 Concen: 130.276 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

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

Tot Ion:330 Resp: 1333798
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 46.5 25.2 37.8#

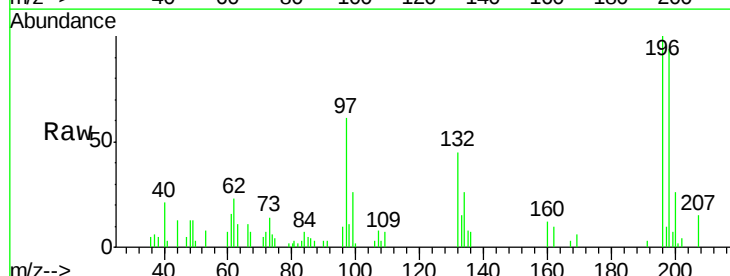


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

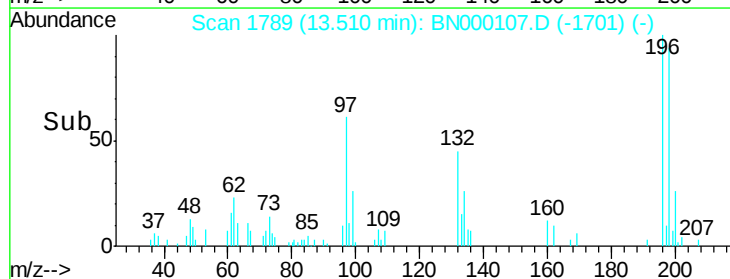
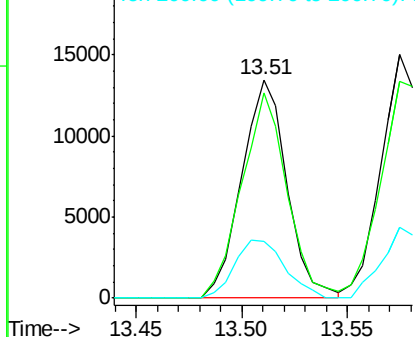


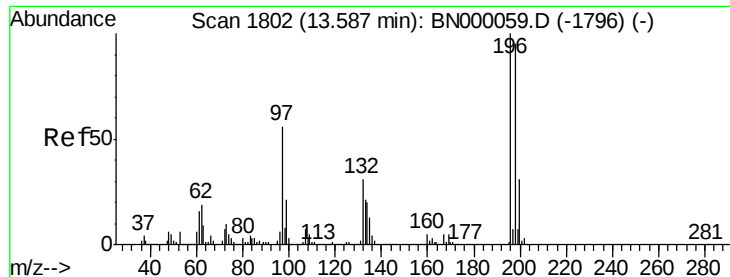
#42
 2,4,6-Trichlorophenol
 Concen: 1.092 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

Tgt Ion:196 Resp: 19989
 Ion Ratio Lower Upper
 196 100
 198 94.1 78.2 117.2
 200 25.8 24.6 36.8



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

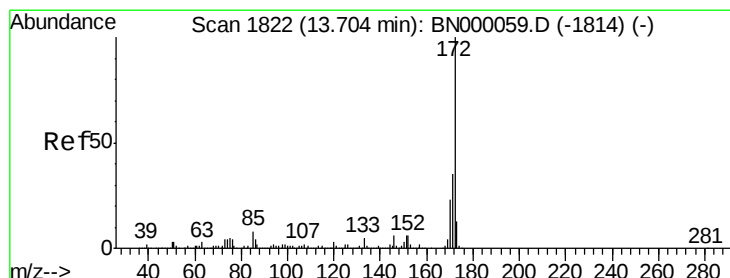
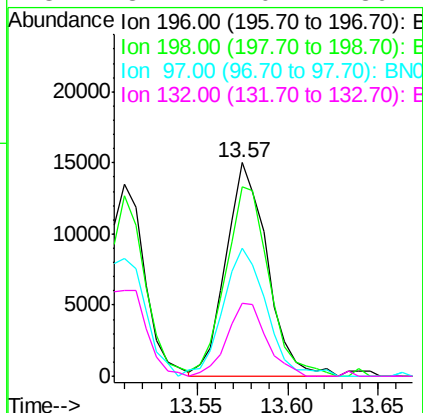
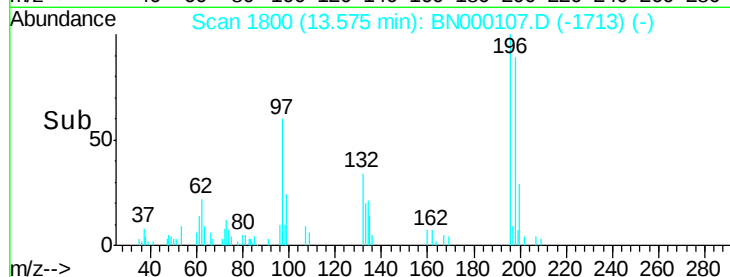
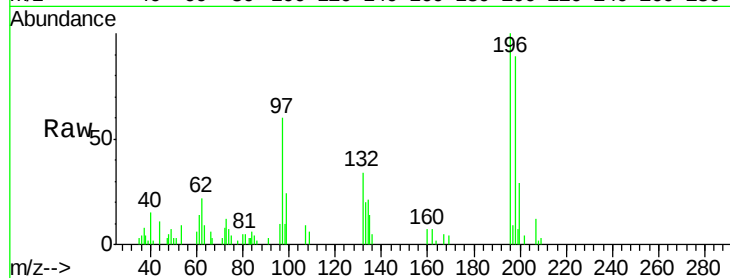




#43
2,4,5-Trichlorophenol
Concen: 1.085 ng
RT: 13.57 min Scan# 1800
Delta R.T. -0.02 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

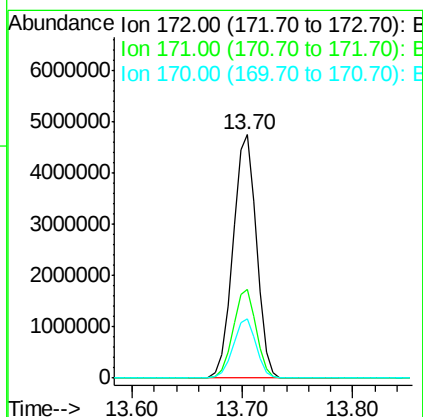
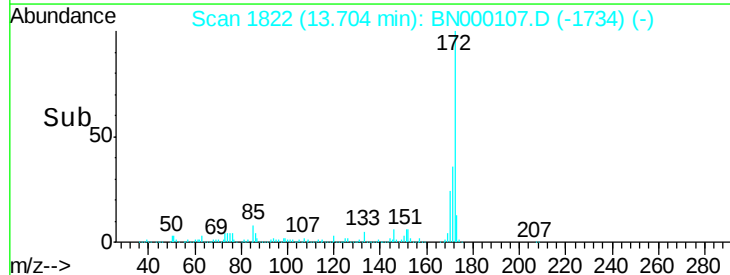
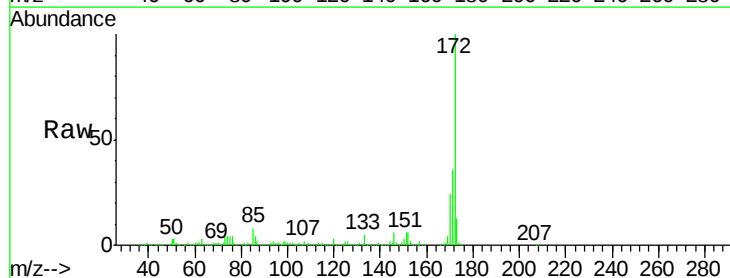
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

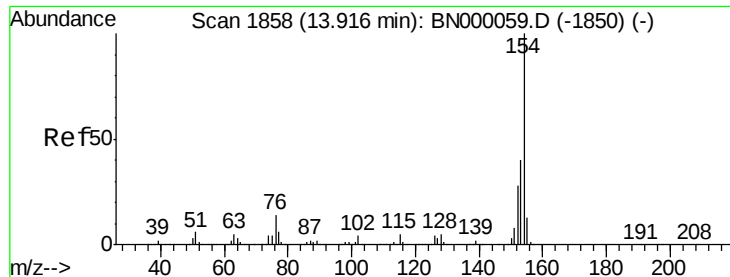
Tot Ion:196 Resp: 23866
Ion Ratio Lower Upper
196 100
198 88.8 76.2 114.4
97 60.1 38.7 58.1#
132 34.1 20.2 30.2#



#44
2-Fluorobiphenyl
Concen: 96.103 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

Tgt Ion:172 Resp: 7052751
Ion Ratio Lower Upper
172 100
171 36.3 30.0 45.0
170 24.2 19.5 29.3





#45

1,1'-Biphenyl

Concen: 2.074 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

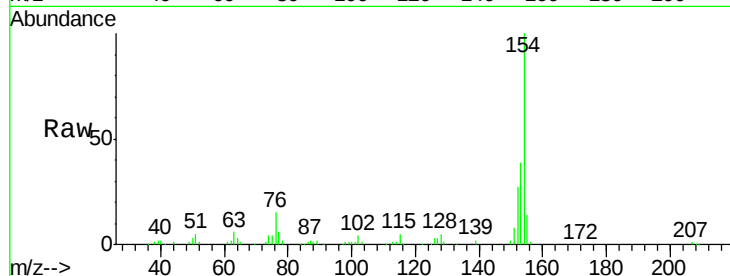
Tot Ion:154 Resp: 188948

Ion Ratio Lower Upper

154 100

153 38.9 19.8 59.8

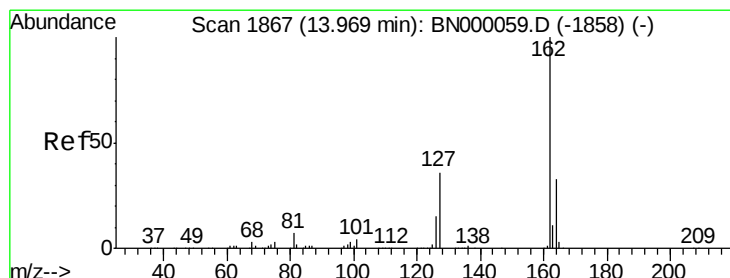
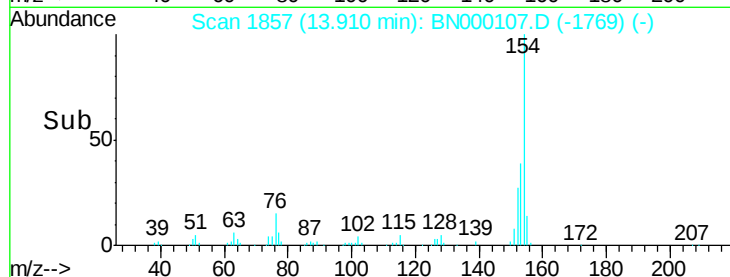
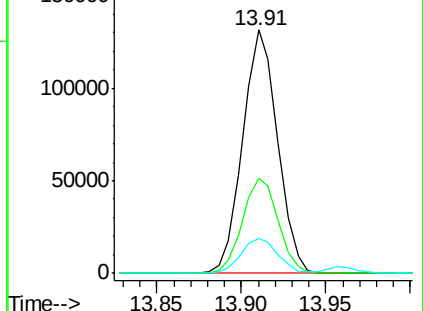
76 14.6 0.0 31.9



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: 1.881 ng

RT: 13.96 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

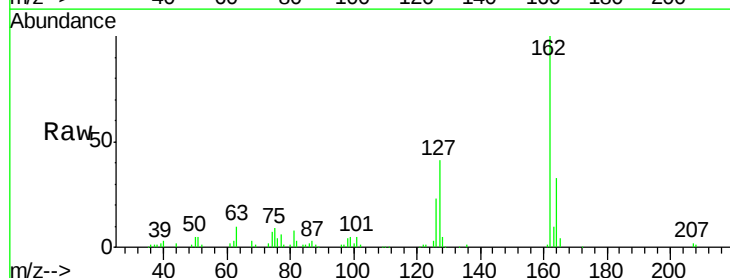
Tgt Ion:162 Resp: 128562

Ion Ratio Lower Upper

162 100

127 41.2 30.7 46.1

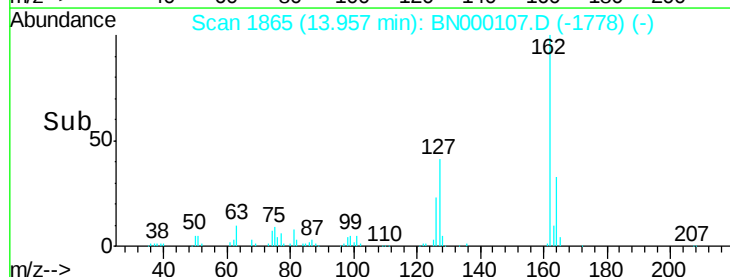
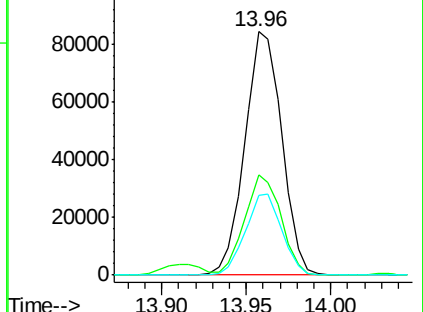
164 32.9 26.0 39.0

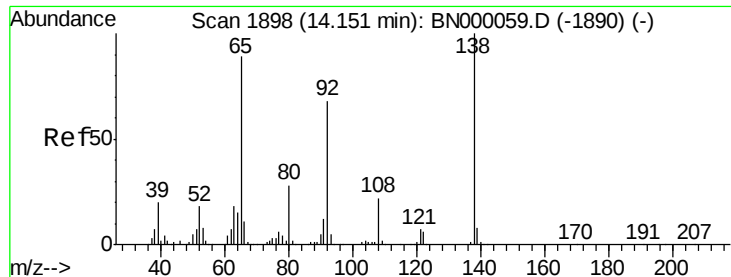


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 5.729 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

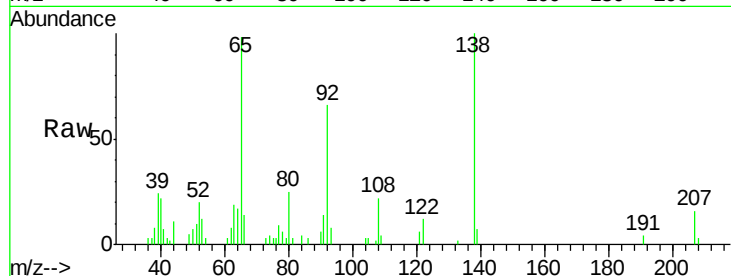
Tot Ion: 65 Resp: 18974

Ion Ratio Lower Upper

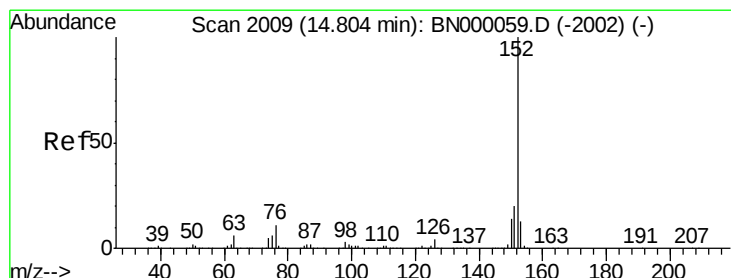
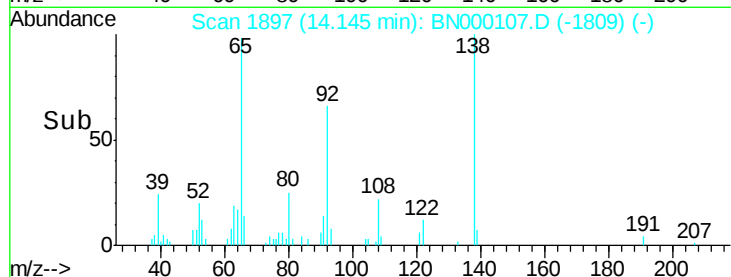
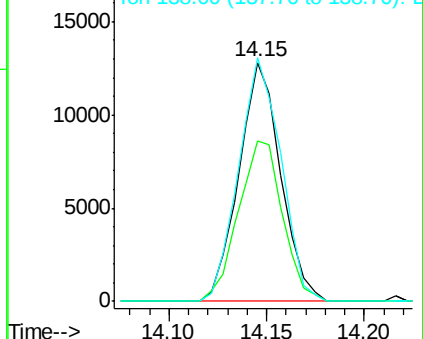
65 100

92 67.2 54.6 82.0

138 101.9 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): BNO



#48

Acenaphthylene

Concen: 1.516 ng

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

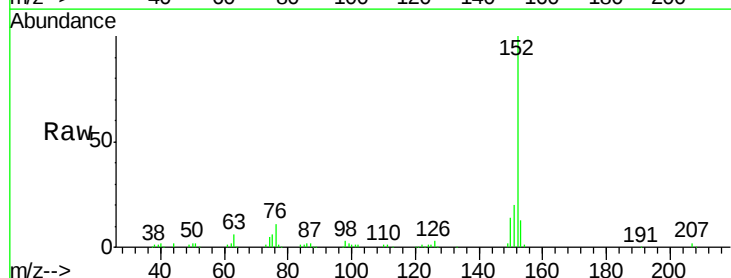
Tgt Ion: 152 Resp: 166906

Ion Ratio Lower Upper

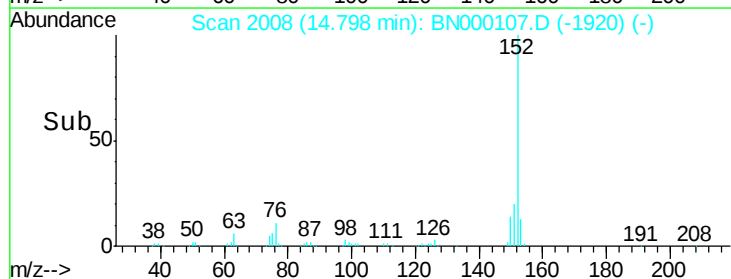
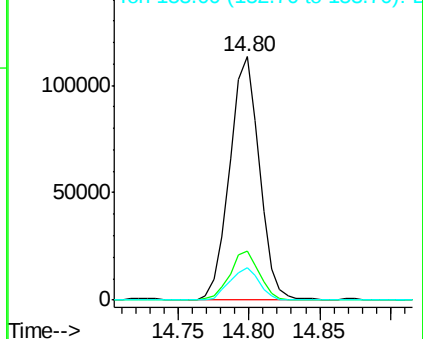
152 100

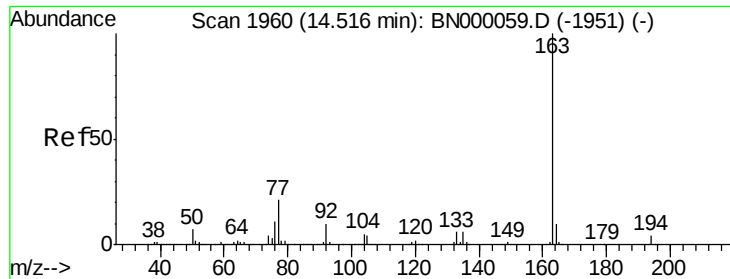
151 20.2 17.2 25.8

153 13.3 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: 1.582 ng

RT: 14.50 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

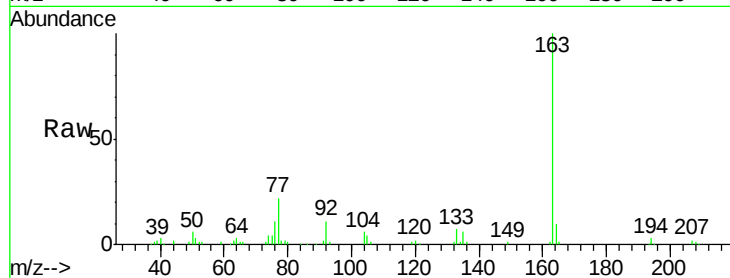
Tot Ion:163 Resp: 136816

Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.2

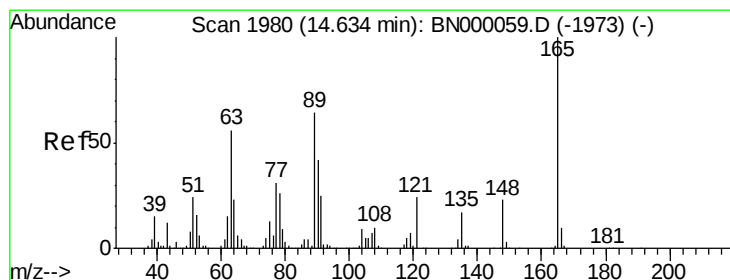
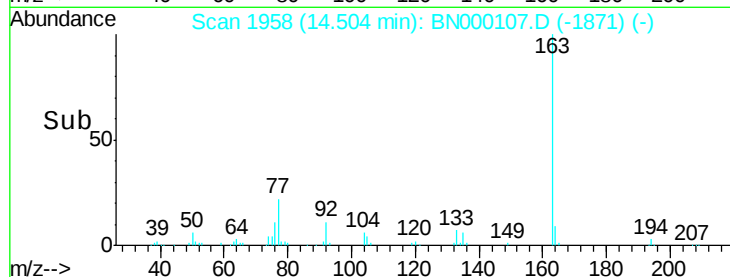
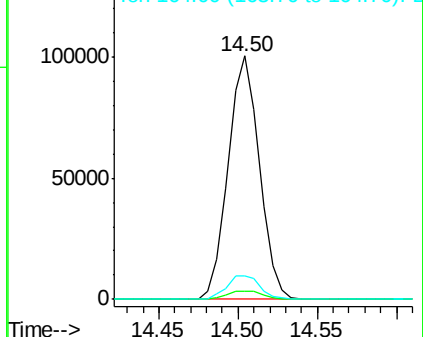
164 9.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.930 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

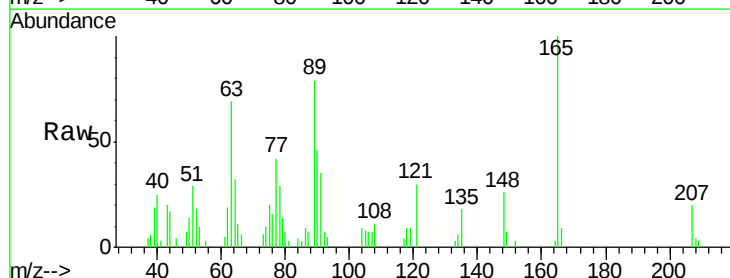
Tgt Ion:165 Resp: 16592

Ion Ratio Lower Upper

165 100

63 68.6 52.7 79.1

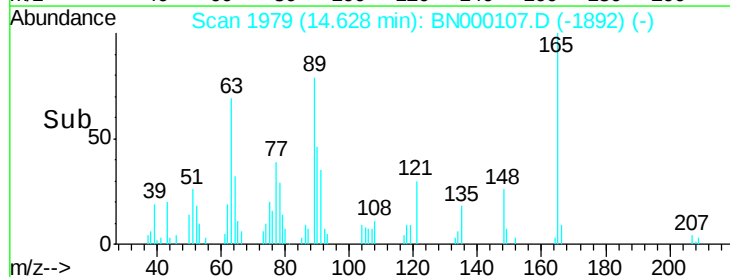
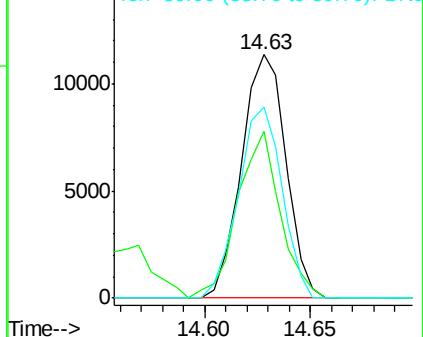
89 78.6 49.2 73.8#

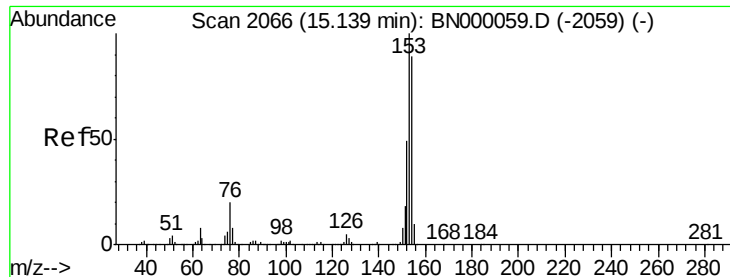


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 1.879 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

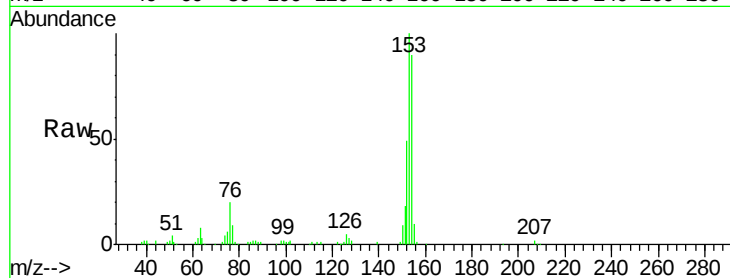
Tot Ion:154 Resp: 134702

Ion Ratio Lower Upper

154 100

153 110.6 90.4 135.6

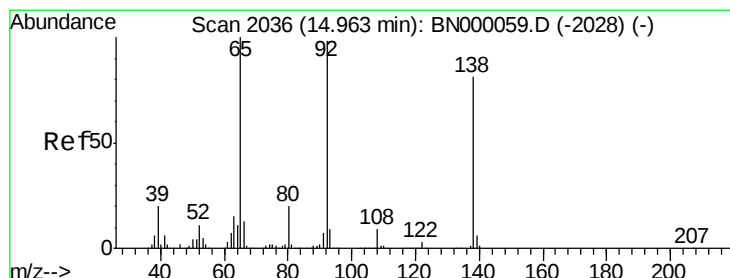
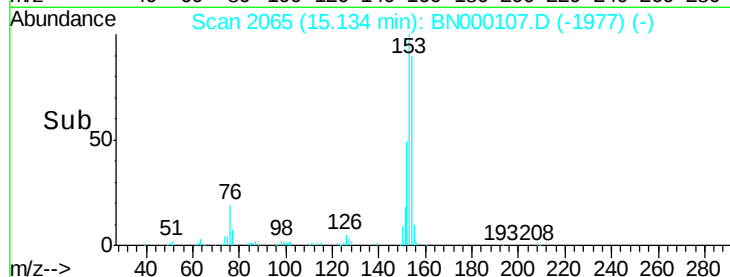
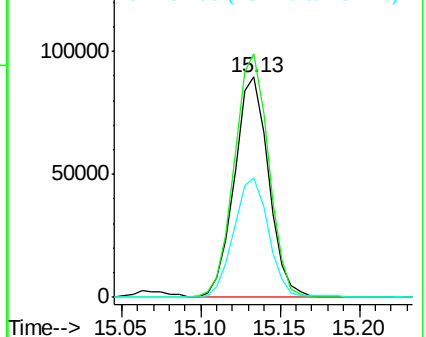
152 54.3 41.6 62.4



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: 0.931 ng

RT: 14.96 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

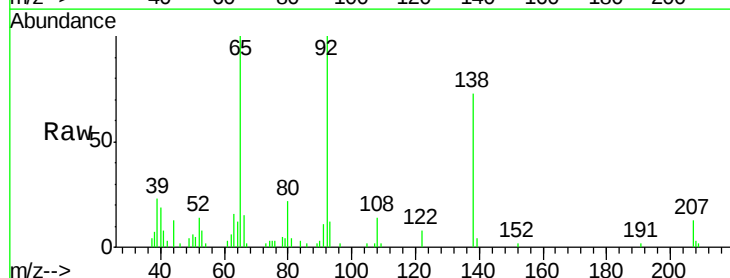
Tgt Ion:138 Resp: 20210

Ion Ratio Lower Upper

138 100

108 19.2 17.5 26.3

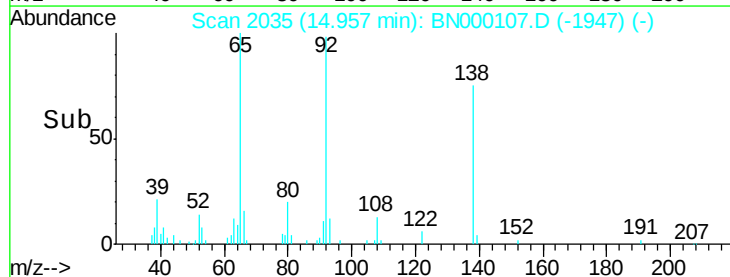
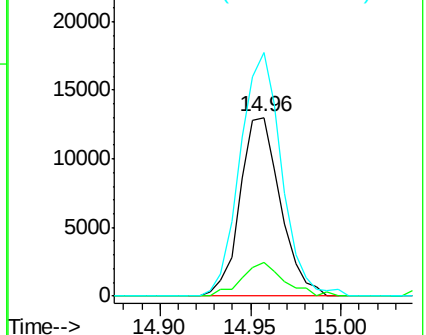
92 136.4 105.8 158.8

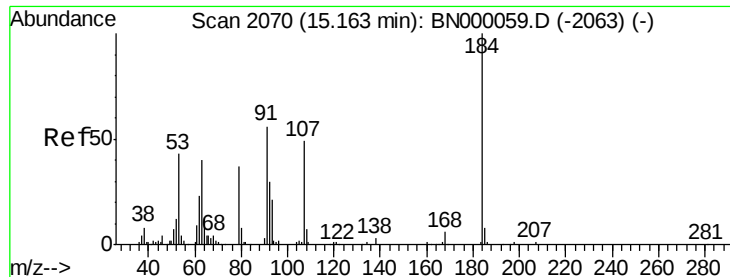


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

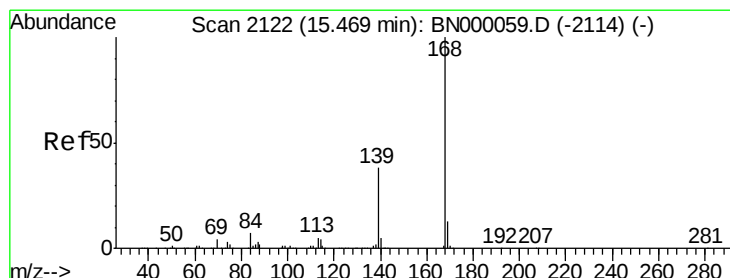
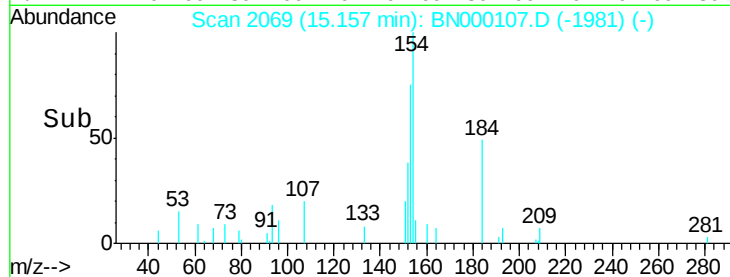
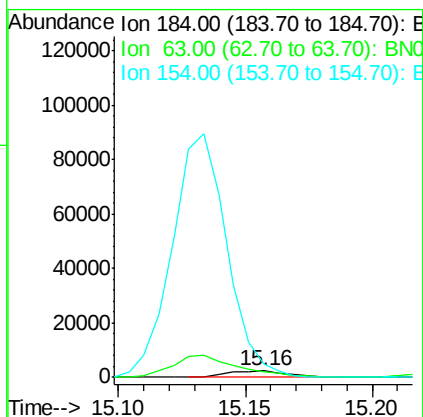
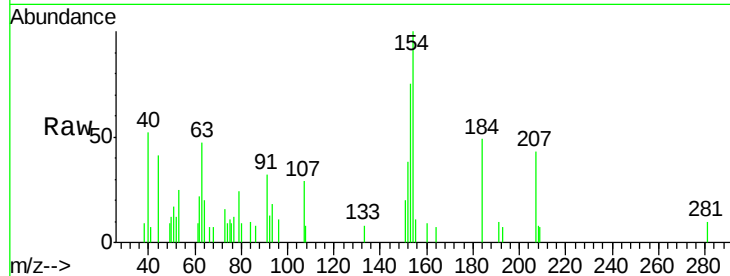




#53
 2,4-Dinitrophenol
 Concen: 9.726 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

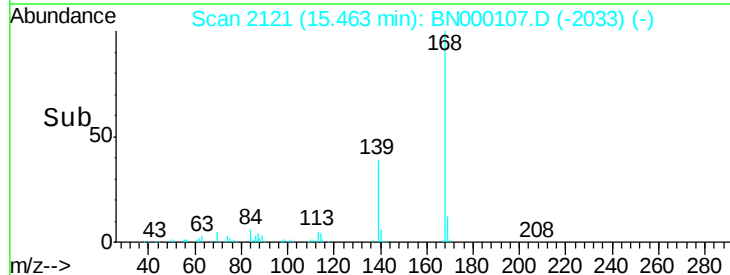
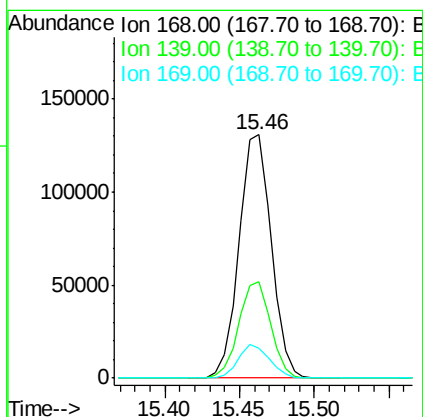
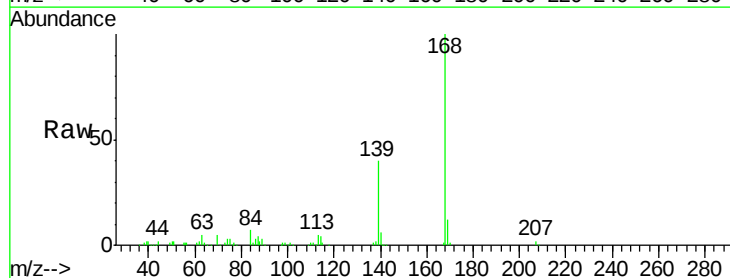
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

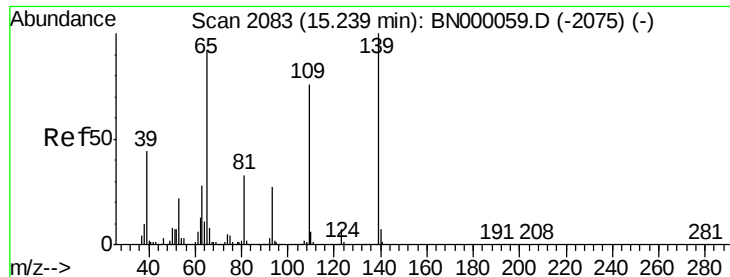
Tot Ion:184 Resp: 3568
 Ion Ratio Lower Upper
 184 100
 63 96.0 80.0 120.0
 154 204.7 308.0 462.0#



#54
 Dibenzofuran
 Concen: 1.931 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

Tgt Ion:168 Resp: 196074
 Ion Ratio Lower Upper
 168 100
 139 39.5 28.6 43.0
 169 12.1 11.2 16.8

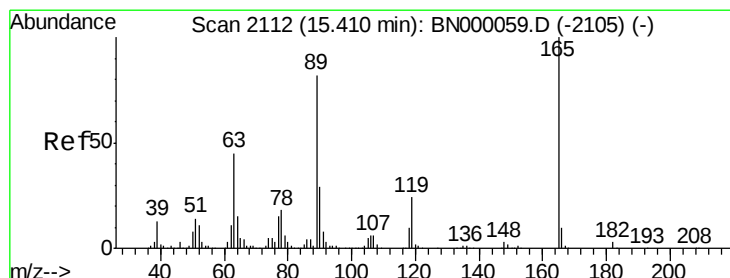
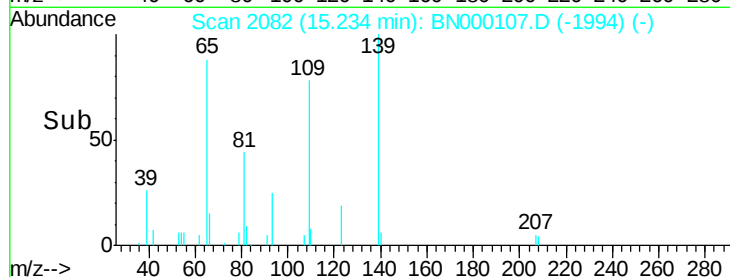
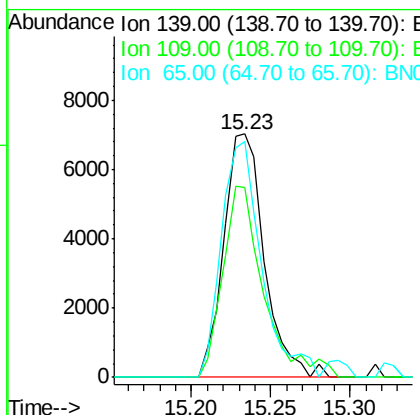
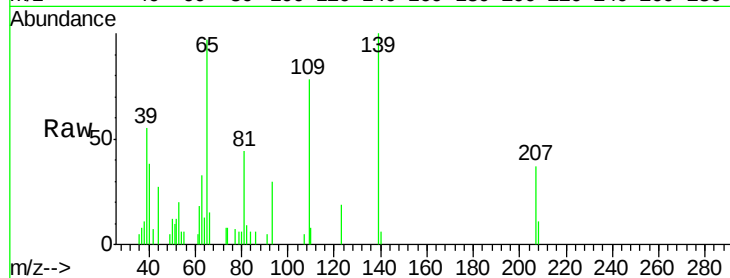




#55
4-Nitrophenol
Concen: 5.631 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

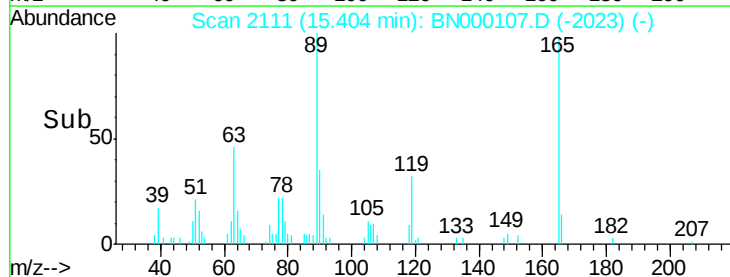
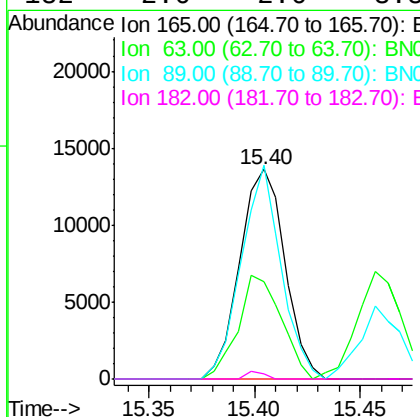
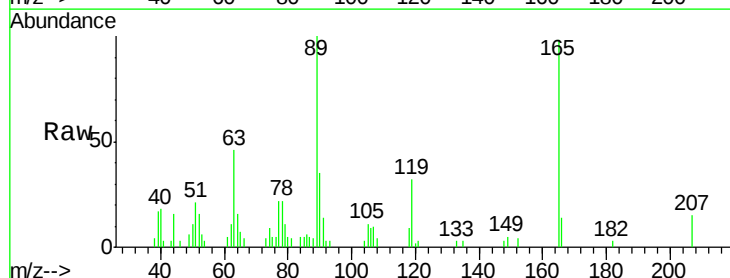
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

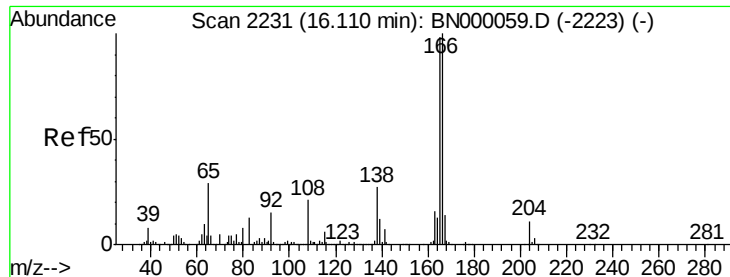
Tot Ion:139 Resp: 12407
Ion Ratio Lower Upper
139 100
109 78.2 62.2 102.2
65 96.8 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 4.904 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

Tgt Ion:165 Resp: 20196
Ion Ratio Lower Upper
165 100
63 46.5 42.0 63.0
89 102.0 66.9 100.3#
182 2.6 2.6 3.8#

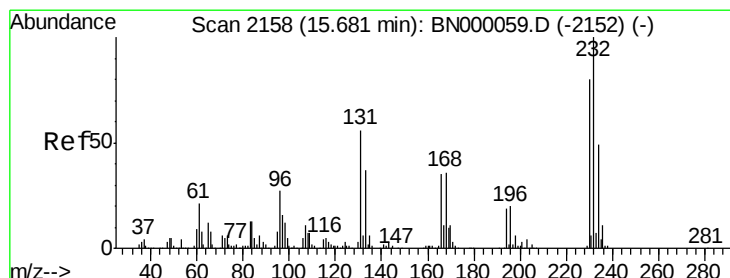
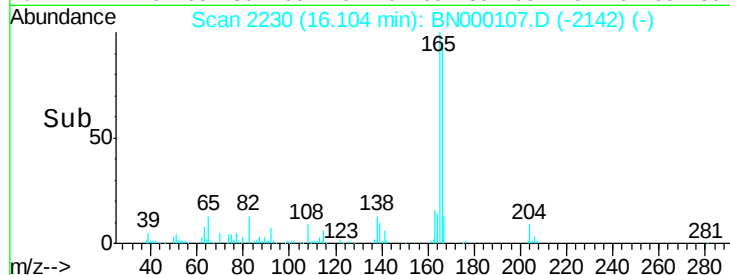
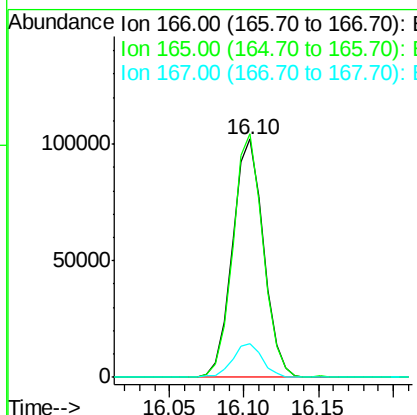
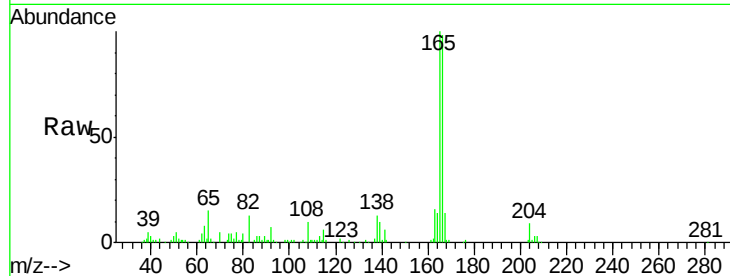




#57
 Fluorene
 Concen: 1.785 ng
 RT: 16.10 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

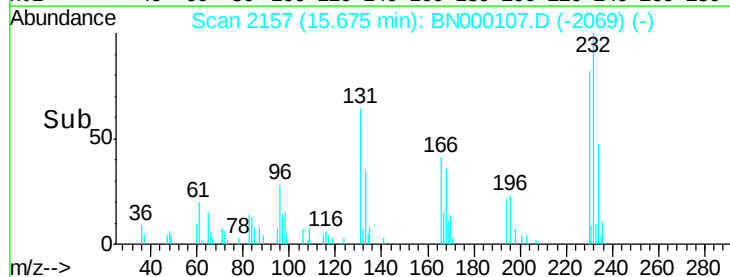
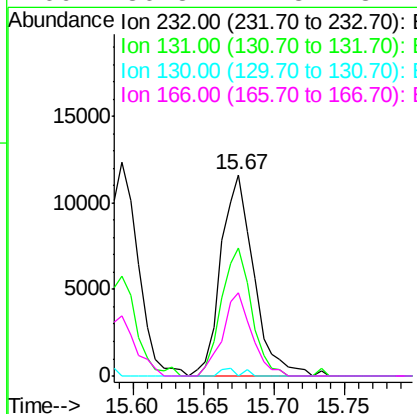
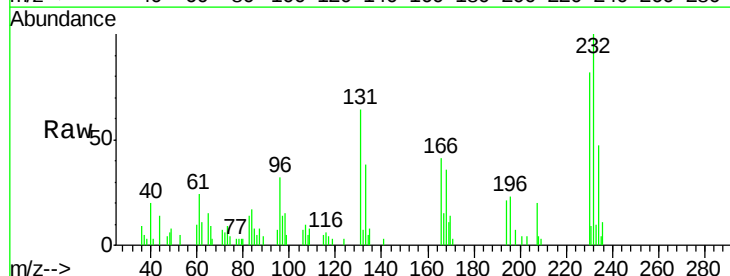
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

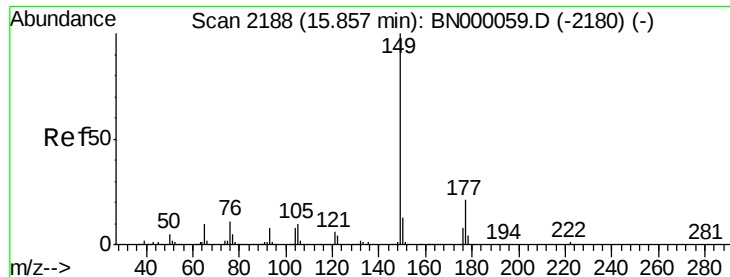
Tot Ion:166 Resp: 147983
 Ion Ratio Lower Upper
 166 100
 165 102.2 80.6 121.0
 167 14.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.086 ng
 RT: 15.67 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

Tgt Ion:232 Resp: 18858
 Ion Ratio Lower Upper
 232 100
 131 58.2 33.5 50.3#
 130 2.3 2.2 3.2
 166 36.8 24.8 37.2

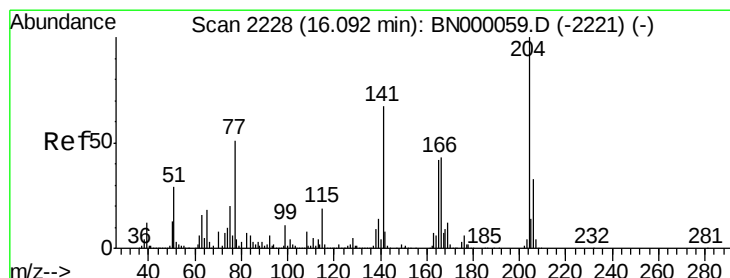
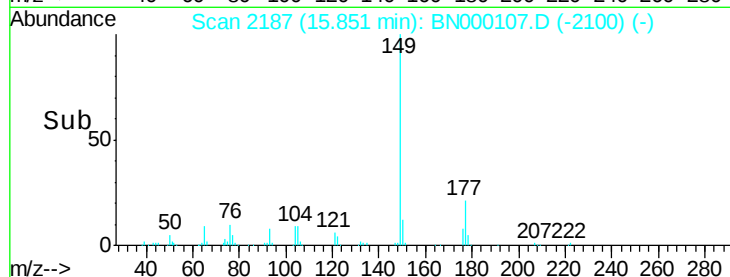
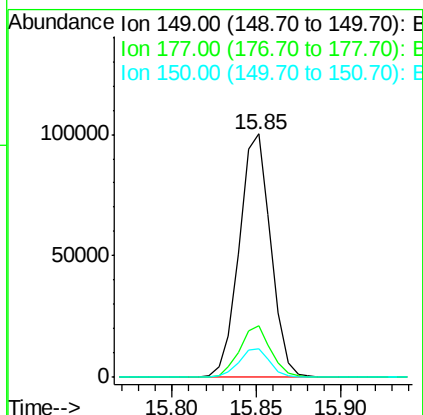
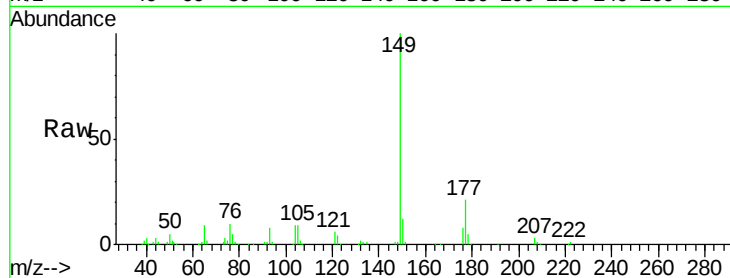




#59
Diethylphthalate
Concen: 1.483 ng
RT: 15.85 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

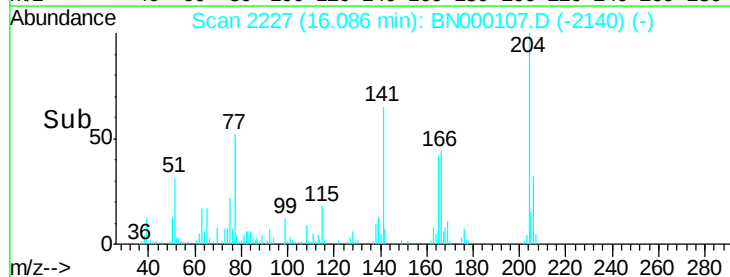
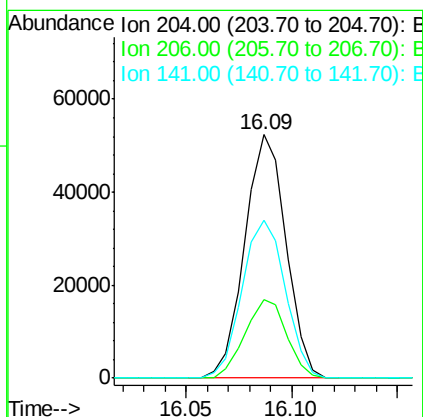
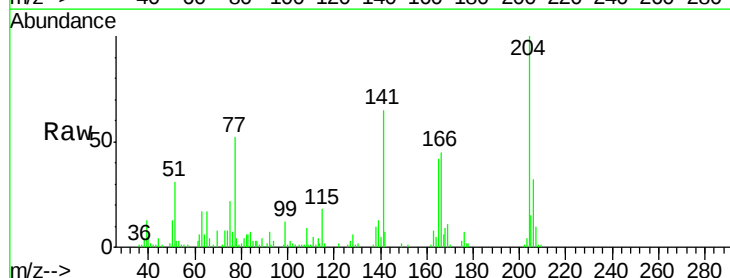
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

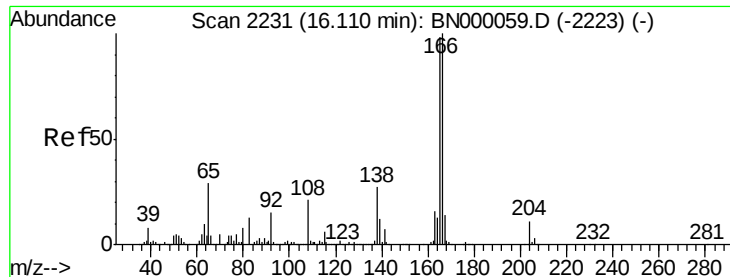
Tot Ion:149 Resp: 130285
Ion Ratio Lower Upper
149 100
177 21.4 18.5 27.7
150 11.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 1.880 ng
RT: 16.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

Tgt Ion:204 Resp: 71002
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 65.0 45.8 68.6





#61

4-Nitroaniline

Concen: 0.979 ng

RT: 16.10 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

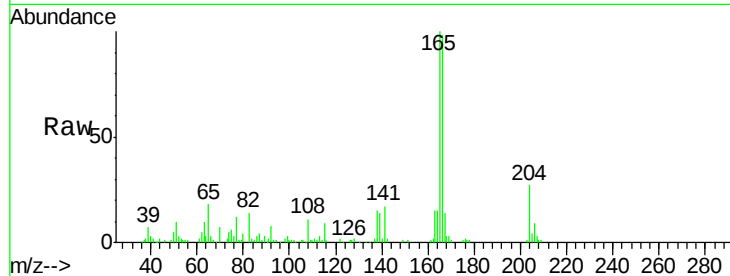
Tot Ion:138 Resp: 21832

Ion Ratio Lower Upper

138 100

92 51.6 40.1 80.1

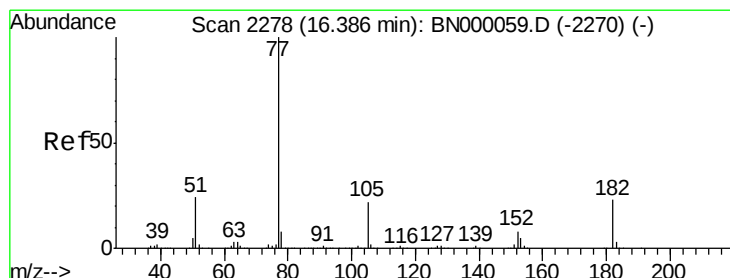
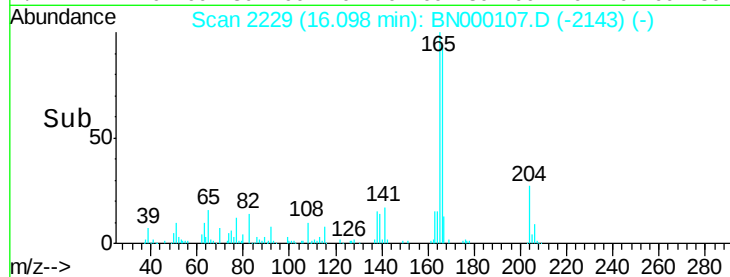
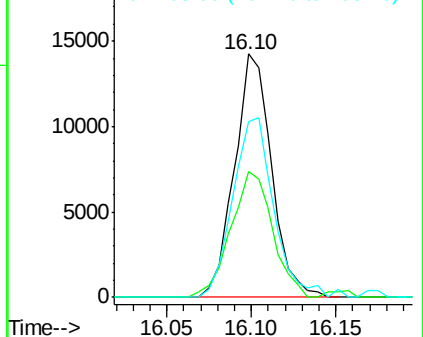
108 72.3 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 1.389 ng

RT: 16.38 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Tgt Ion: 77 Resp: 121505

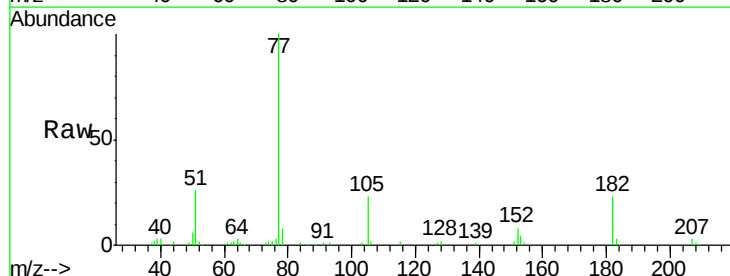
Ion Ratio Lower Upper

77 100

182 23.4 7.4 47.4

105 22.9 0.3 40.3

51 25.5 11.6 51.6

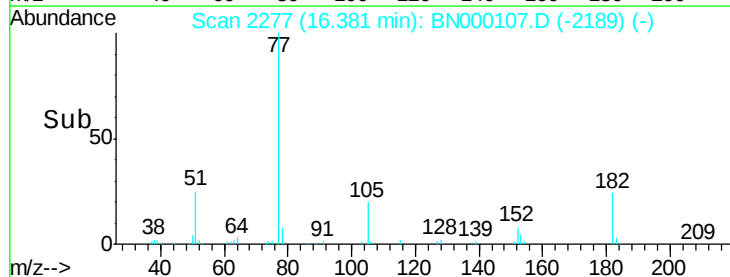
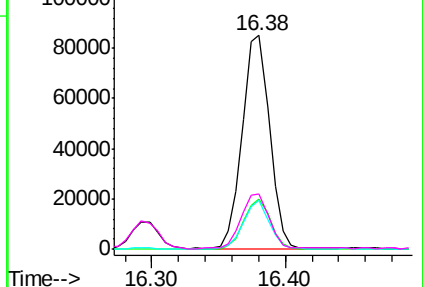


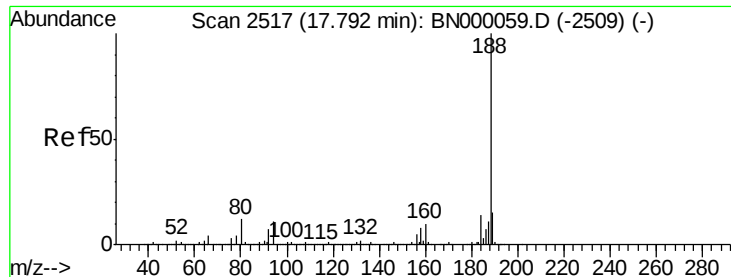
Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BNC

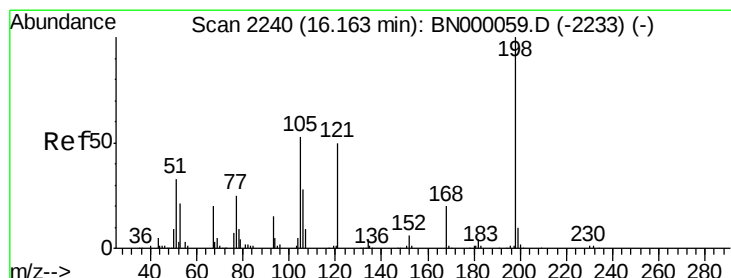
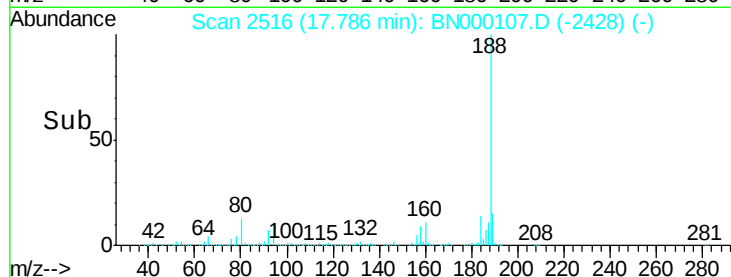
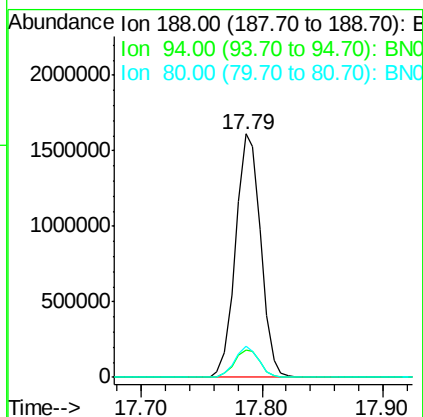
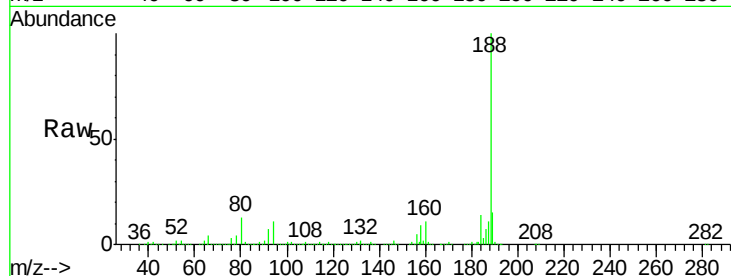




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

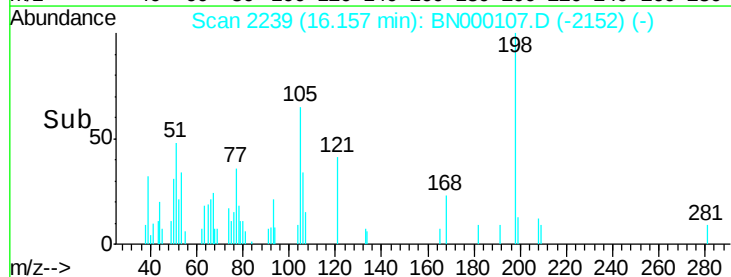
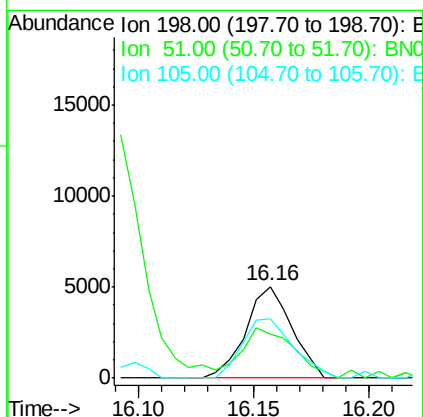
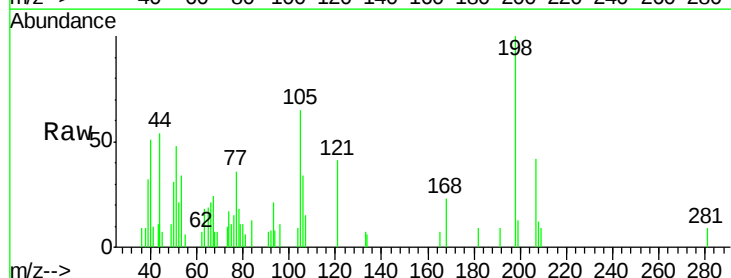
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

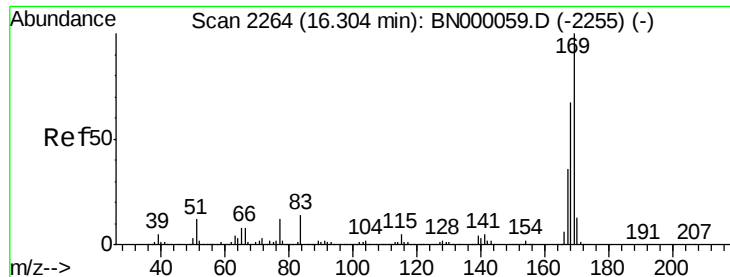
Tot Ion:188 Resp: 2333858
Ion Ratio Lower Upper
188 100
94 11.4 6.9 10.3#
80 12.8 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 9.222 ng
RT: 16.16 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

Tgt Ion:198 Resp: 6954
Ion Ratio Lower Upper
198 100
51 48.3 30.6 70.6
105 64.6 23.8 63.8#

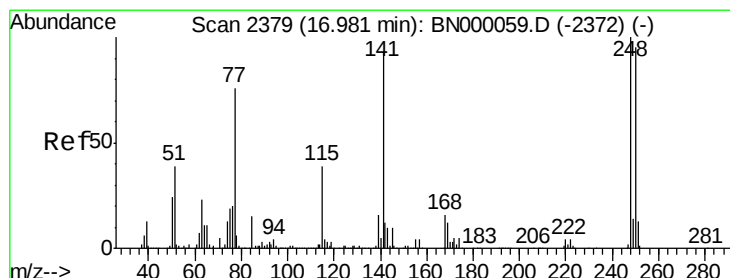
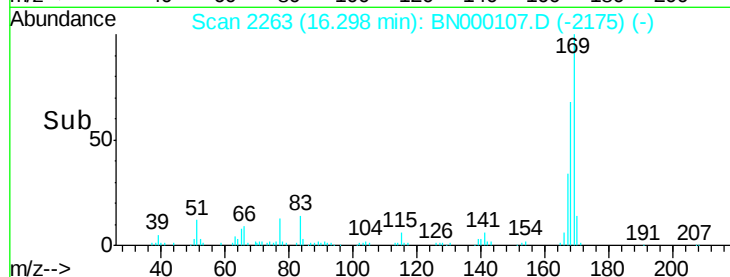
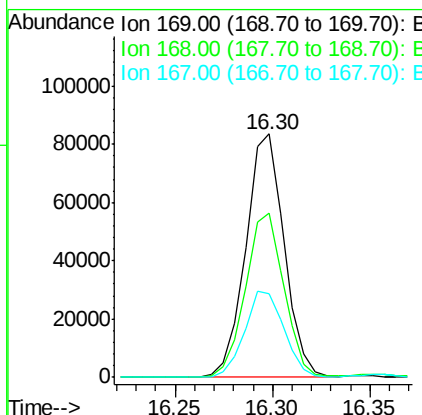
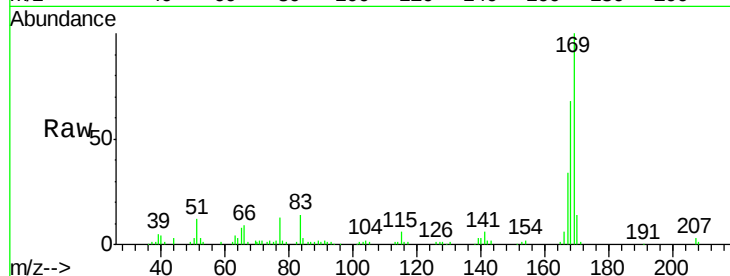




#65
 n-Nitrosodiphenylamine
 Concen: 1.495 ng
 RT: 16.30 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

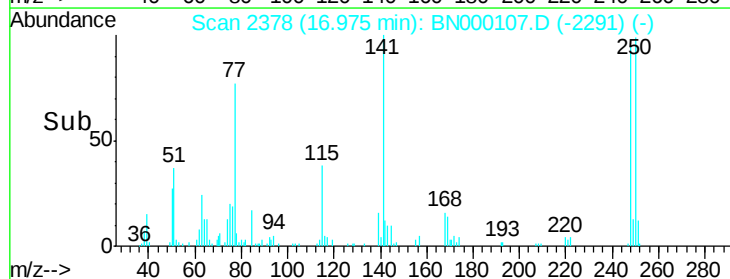
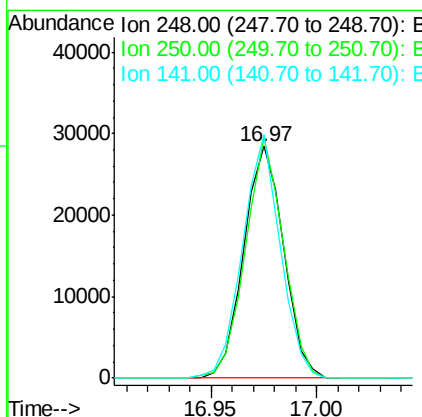
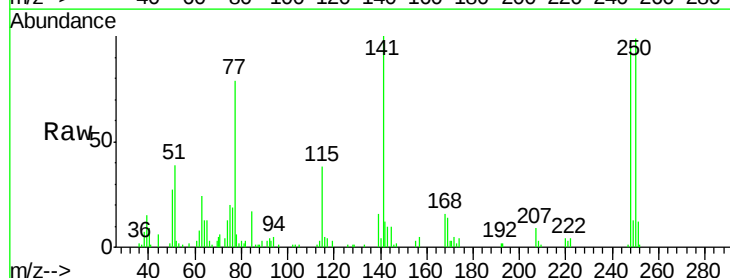
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

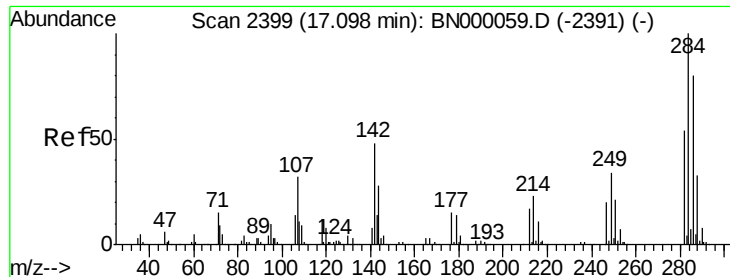
Tot Ion:169 Resp: 113517
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.7 83.5
 167 34.3 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 1.677 ng
 RT: 16.97 min Scan# 2378
 Delta R.T. -0.02 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

Tgt Ion:248 Resp: 37218
 Ion Ratio Lower Upper
 248 100
 250 103.6 77.1 115.7
 141 104.9 50.8 76.2#





#67

Hexachlorobenzene

Concen: 1.847 ng

RT: 17.09 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

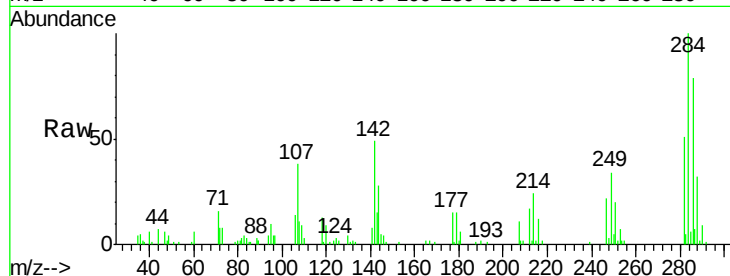
Tot Ion:284 Resp: 47876

Ion Ratio Lower Upper

284 100

142 48.7 26.8 40.2#

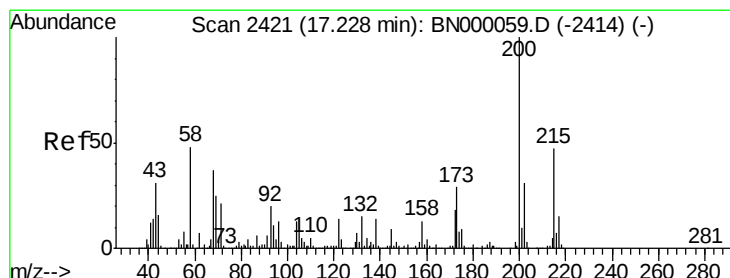
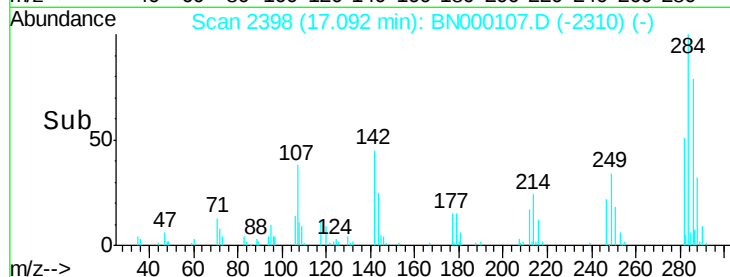
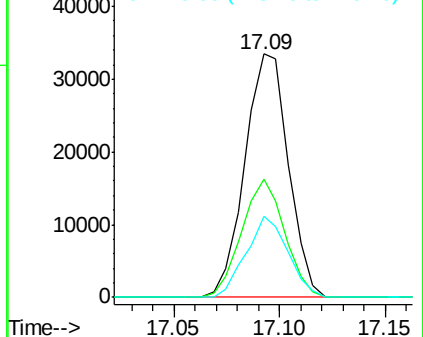
249 33.5 26.3 39.5



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: 1.099 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

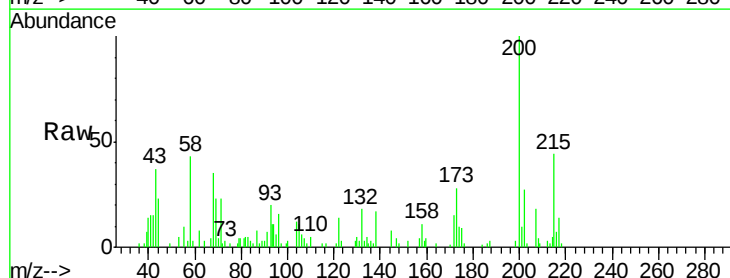
Tgt Ion:200 Resp: 27164

Ion Ratio Lower Upper

200 100

173 28.2 5.2 45.2

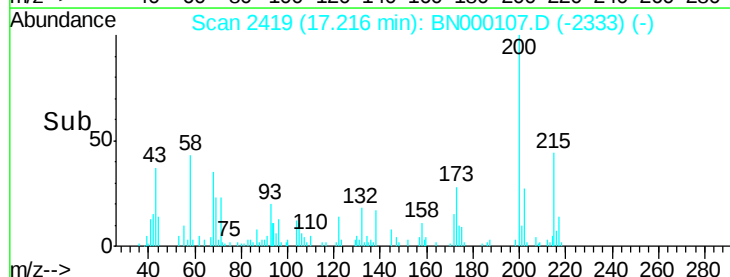
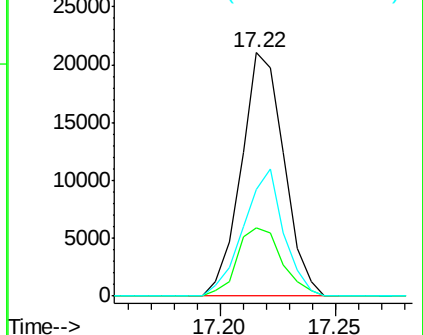
215 43.6 30.4 70.4



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: 6.615 ng

RT: 17.43 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

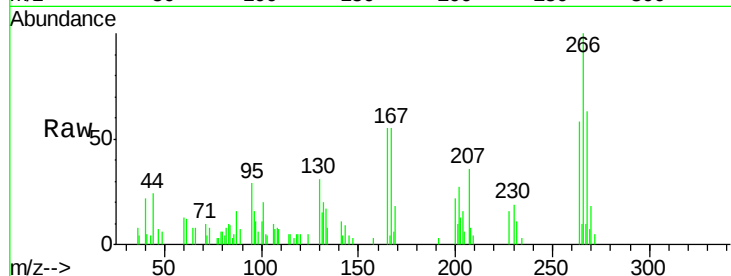
Tot Ion:266 Resp: 15098

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

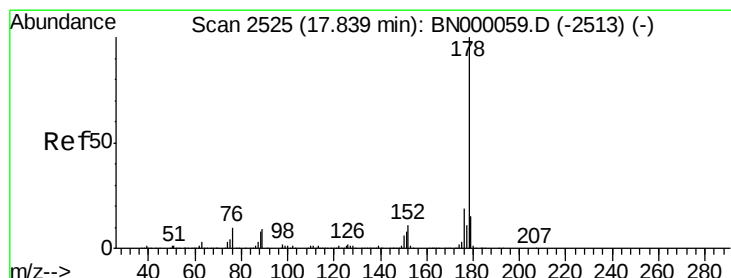
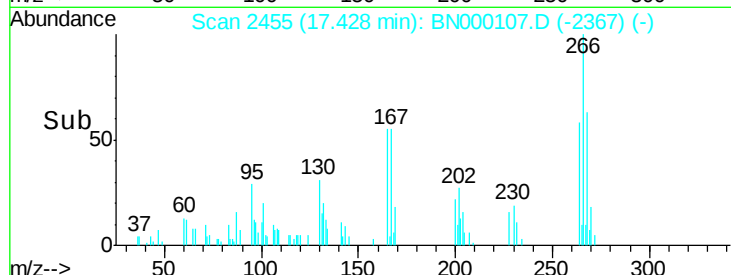
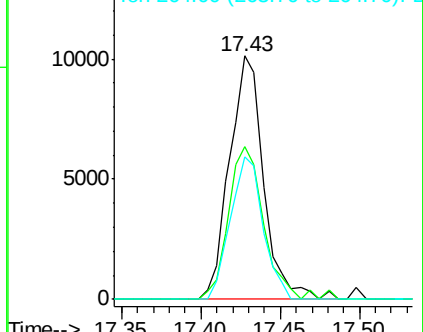
264 58.3 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 1.954 ng

RT: 17.83 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

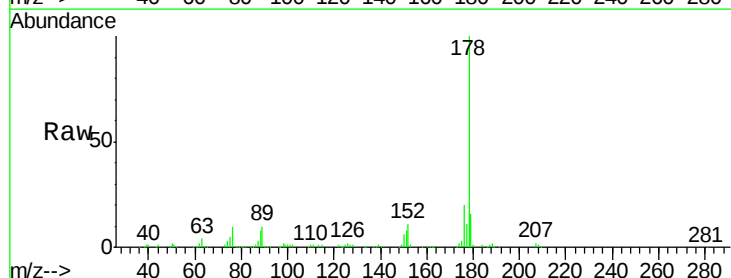
Tgt Ion:178 Resp: 269314

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

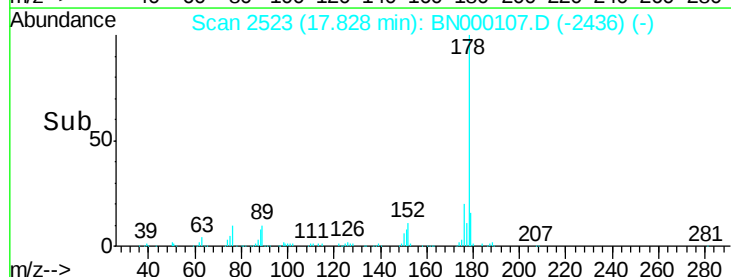
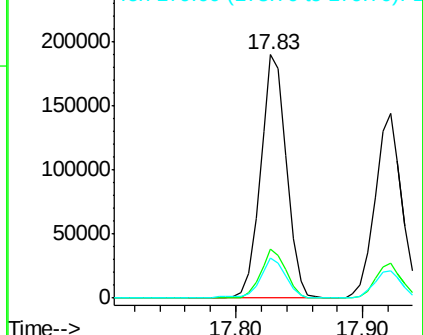
179 16.4 12.5 18.7

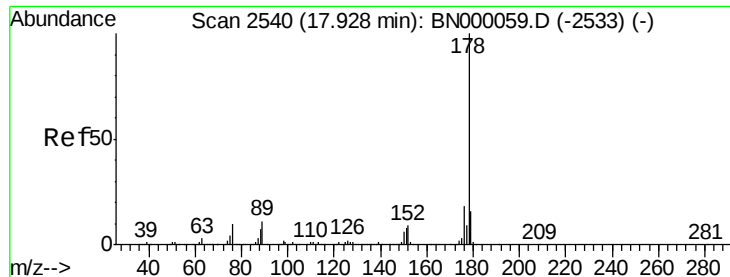


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

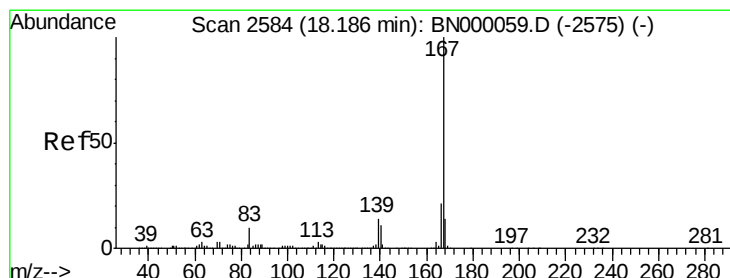
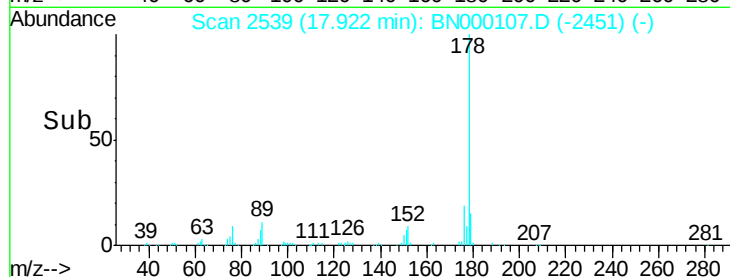
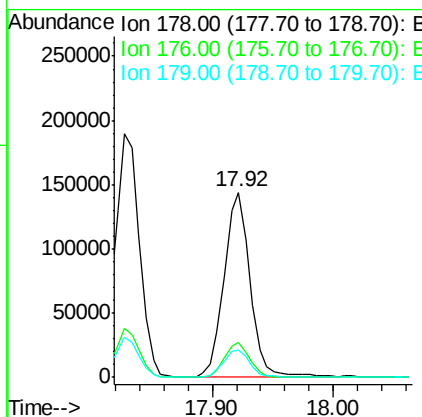
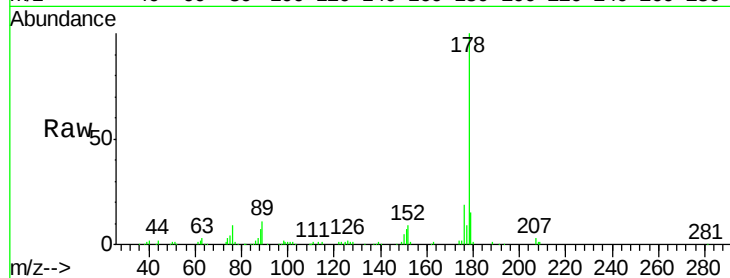




#71
 Anthracene
 Concen: 1.604 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

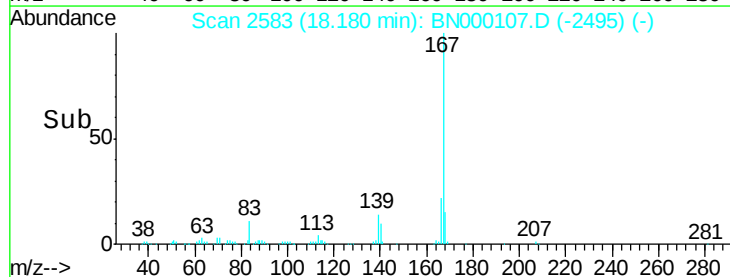
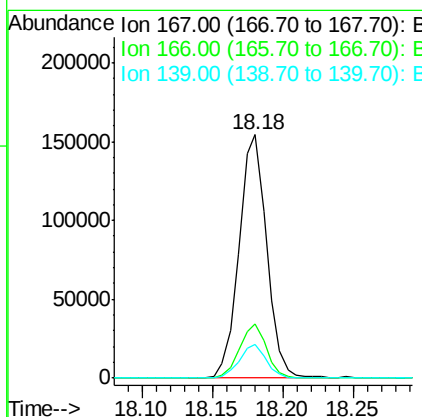
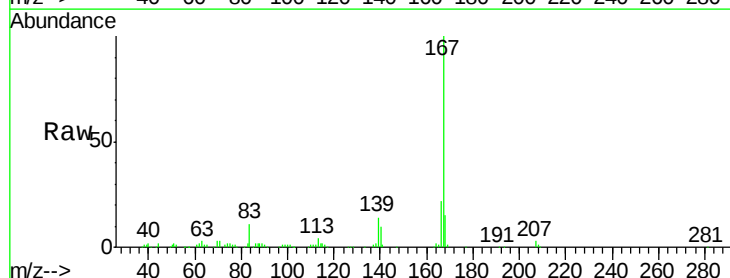
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2018

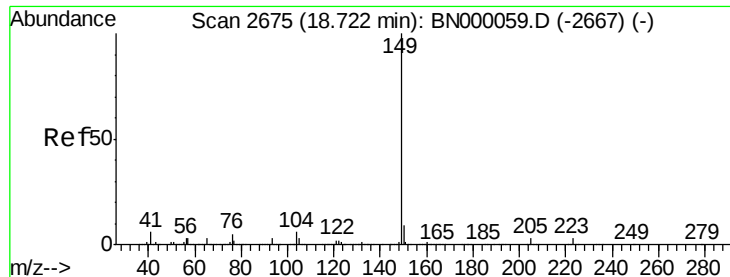
Tot Ion:178 Resp: 214073
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 15.0 12.5 18.7



#72
 Carbazole
 Concen: 1.574 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

Tgt Ion:167 Resp: 211630
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.4
 139 13.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 1.072 ng

RT: 18.71 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

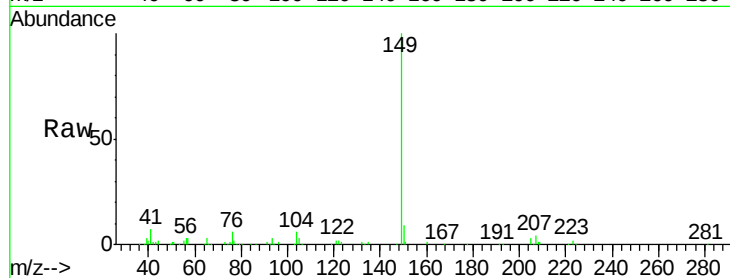
Tot Ion:149 Resp: 159079

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

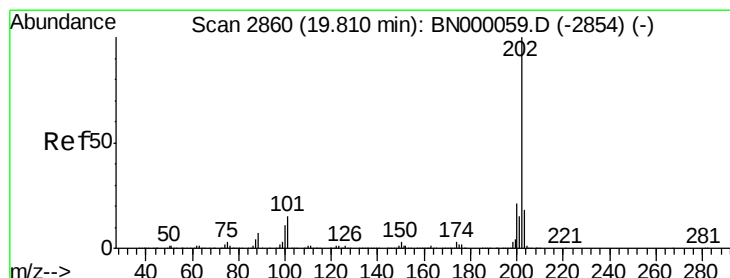
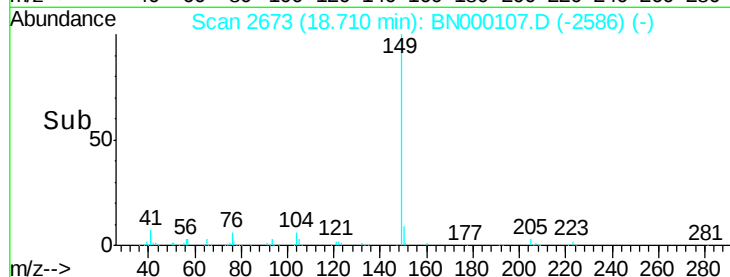
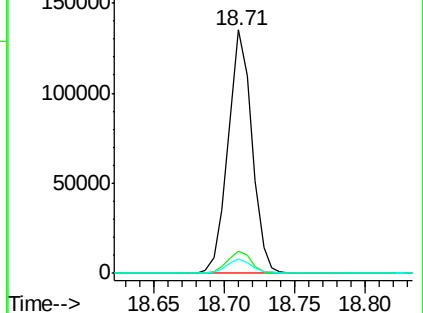
104 6.1 3.9 5.9#



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: 1.662 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

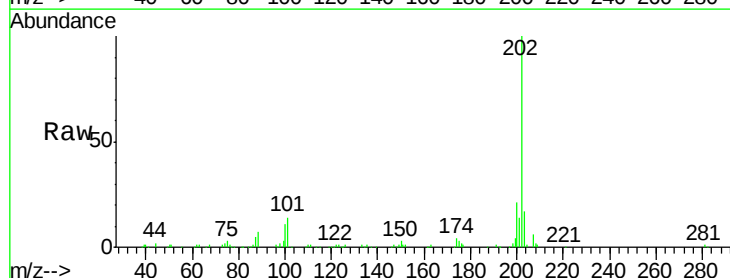
Tgt Ion:202 Resp: 240300

Ion Ratio Lower Upper

202 100

101 13.7 0.0 28.9

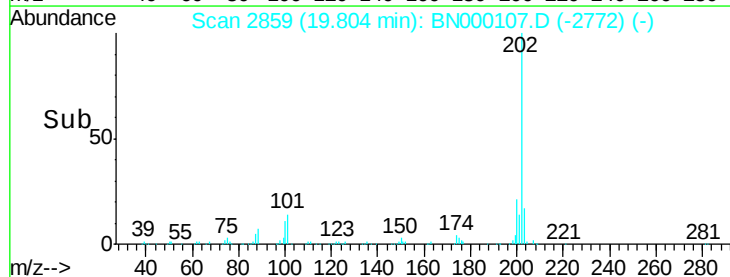
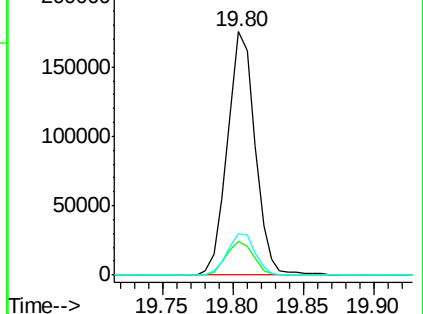
203 17.1 0.0 37.5

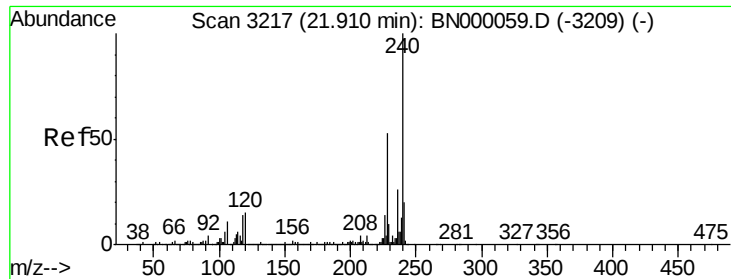


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

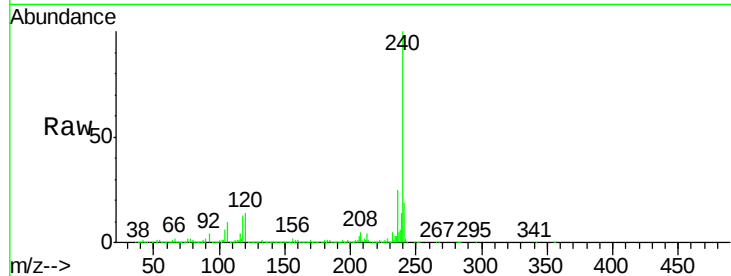
Tot Ion:240 Resp: 2568945

Ion Ratio Lower Upper

240 100

120 14.0 6.8 10.2#

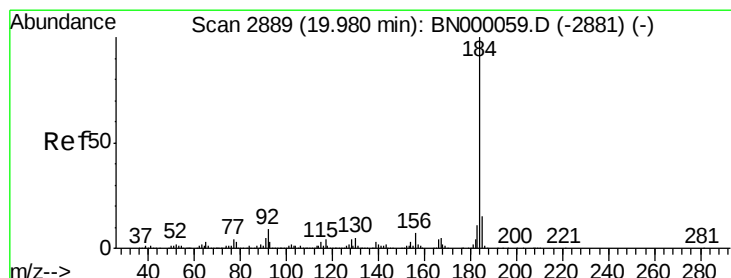
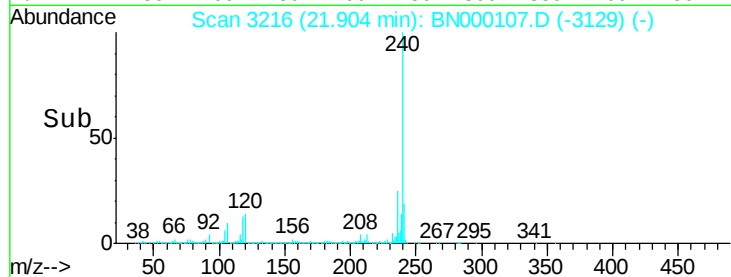
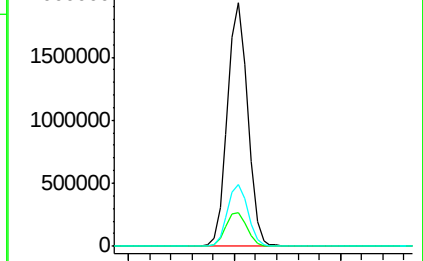
236 25.4 20.9 31.3



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: 0.531 ng

RT: 19.97 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

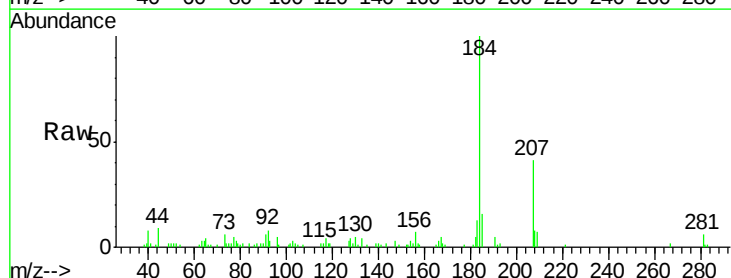
Tgt Ion:184 Resp: 43457

Ion Ratio Lower Upper

184 100

185 15.9 11.1 16.7

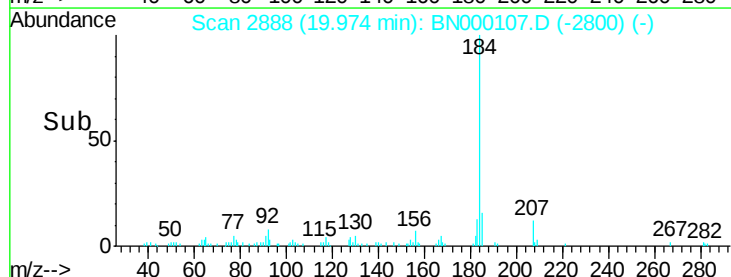
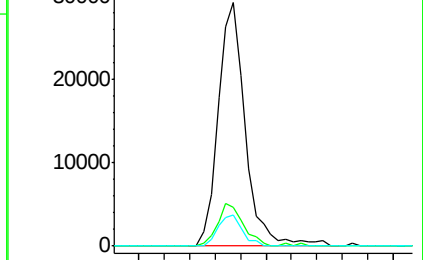
183 12.7 10.6 16.0

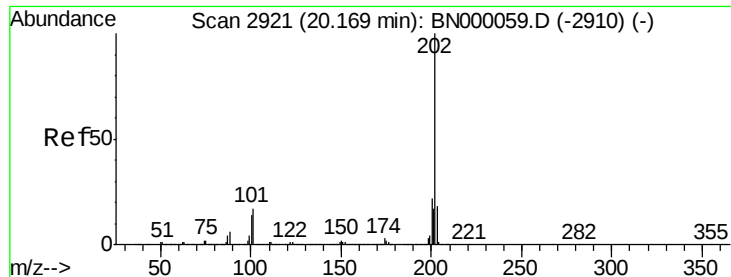


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

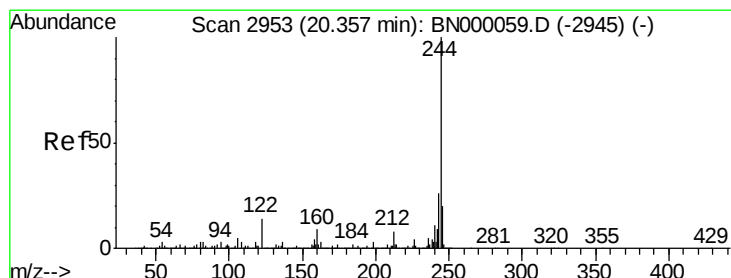
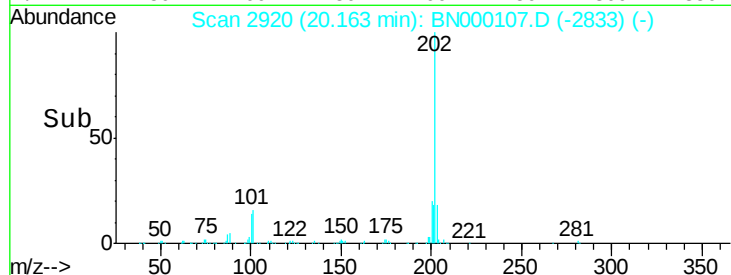
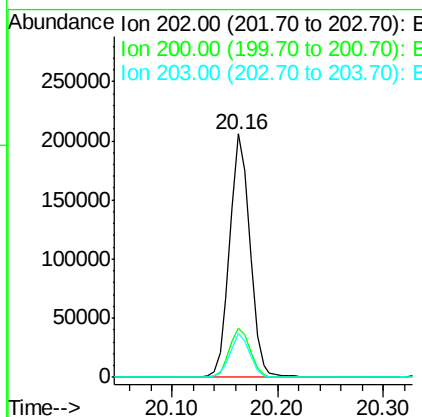
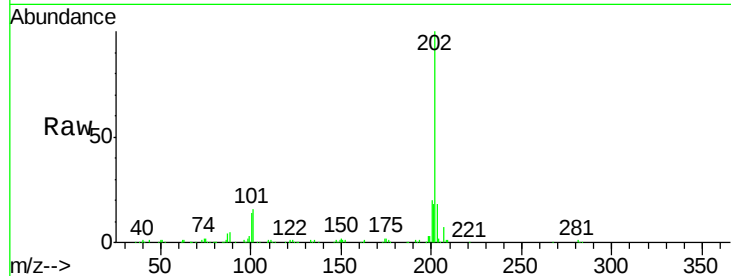




#77
Pvrene
Concen: 1.672 ng
RT: 20.16 min Scan# 2920
Delta R.T. -0.02 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

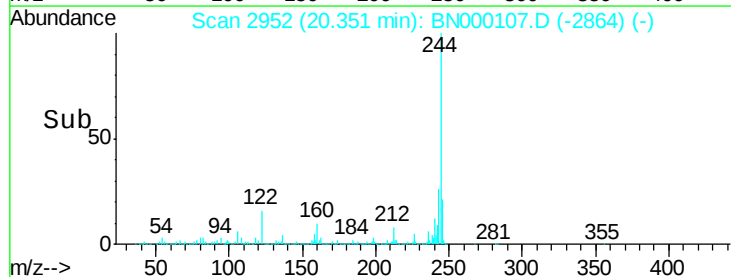
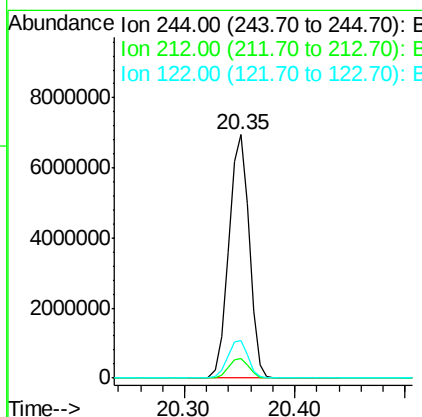
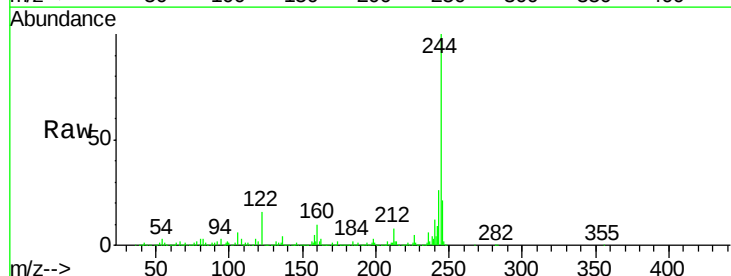
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

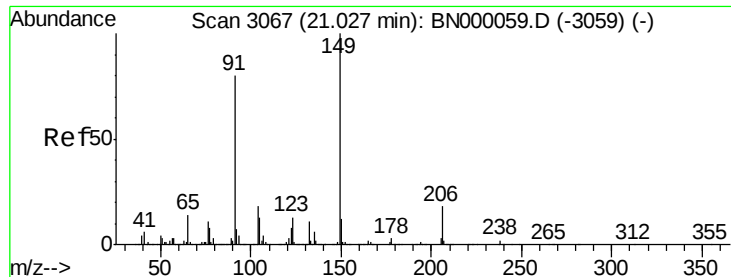
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	18.0	13.9	20.9



#78
Terphenyl-d14
Concen: 94.891 ng
RT: 20.35 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	15.5	7.0	10.4#

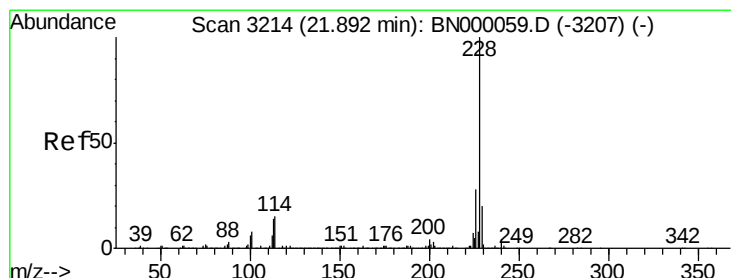
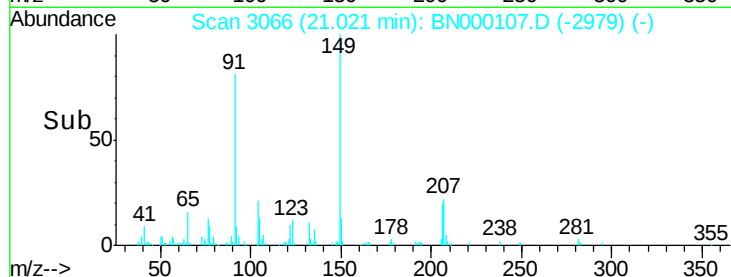
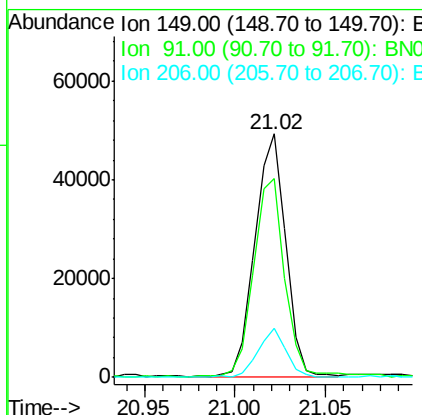
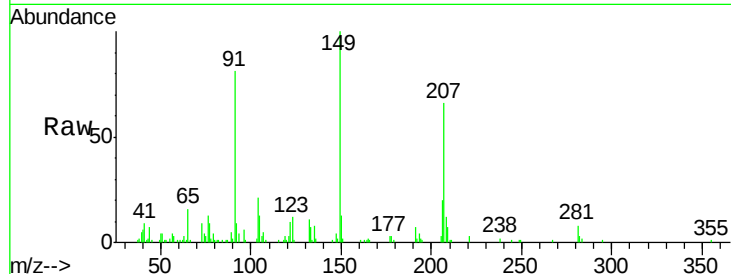




#79
Butylbenzylphthalate
Concen: 6.048 ng
RT: 21.02 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

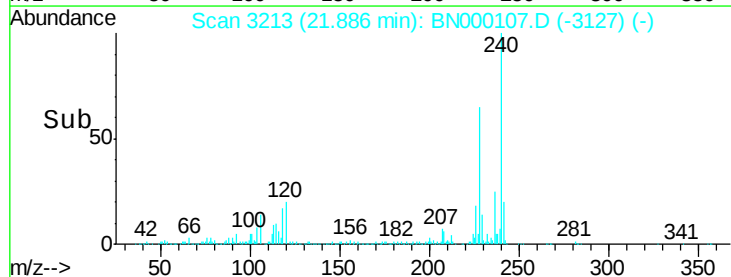
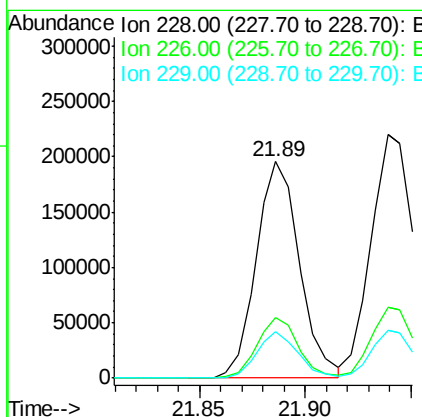
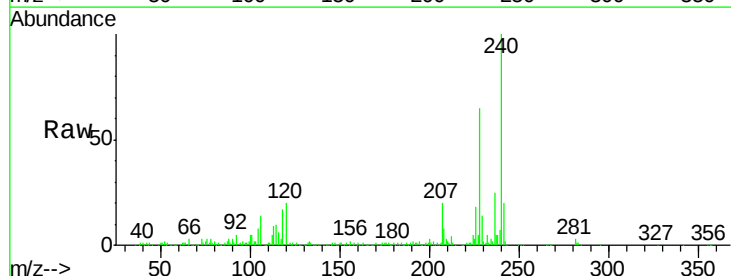
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

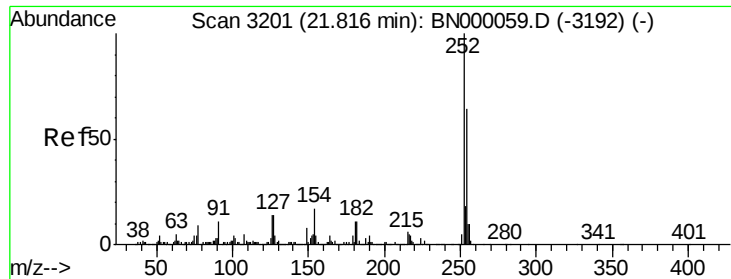
Tot Ion:149 Resp: 58641
Ion Ratio Lower Upper
149 100
91 81.5 62.2 93.2
206 20.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 1.767 ng
RT: 21.89 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

Tgt Ion:228 Resp: 279025
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 21.2 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 1.018 ng

RT: 21.80 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

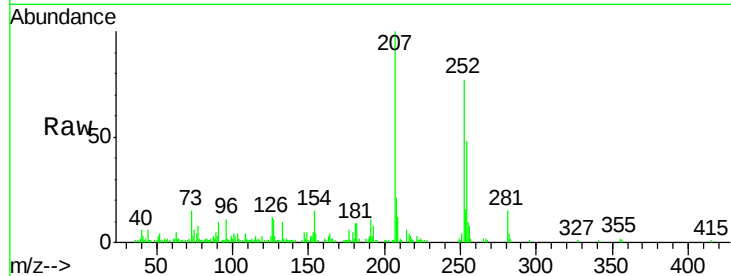
Tot Ion:252 Resp: 59066

Ion Ratio Lower Upper

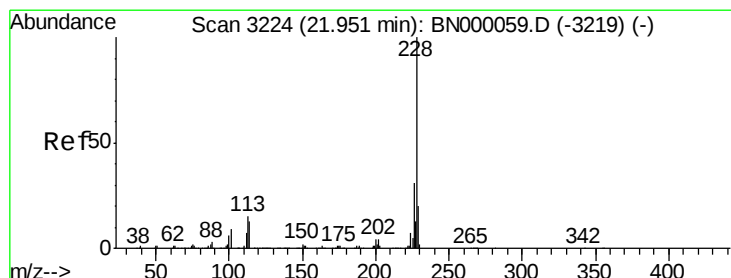
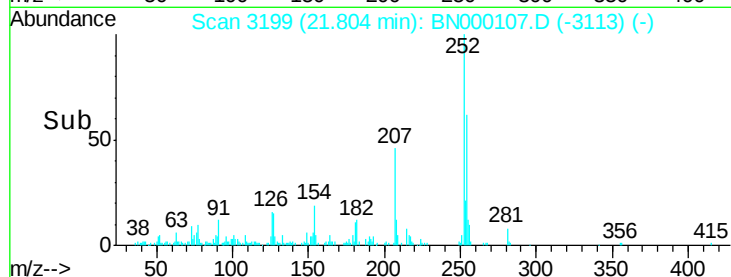
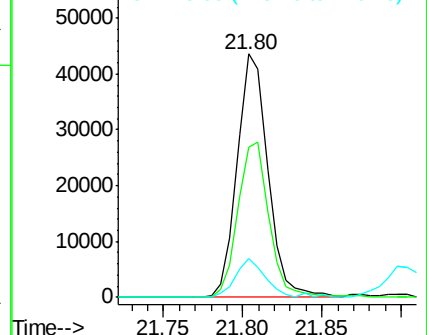
252 100

254 61.9 50.8 76.2

126 15.8 7.4 11.2#



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



#82

Chrysene

Concen: 1.986 ng

RT: 21.94 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

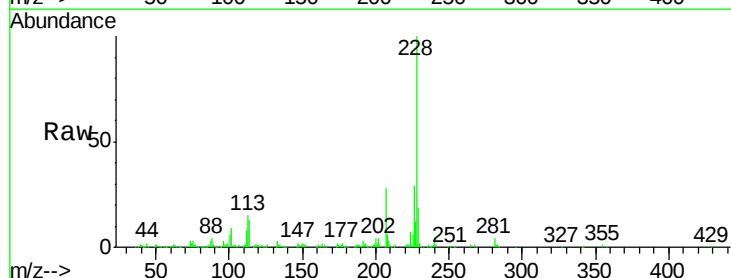
Tgt Ion:228 Resp: 312568

Ion Ratio Lower Upper

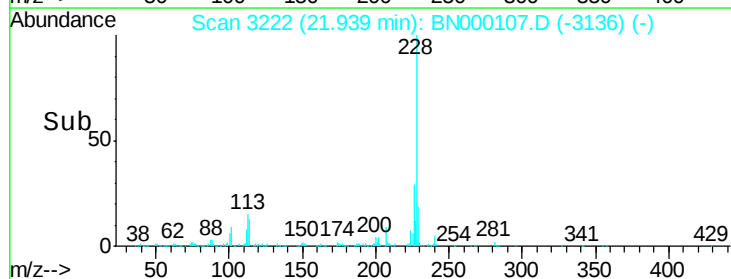
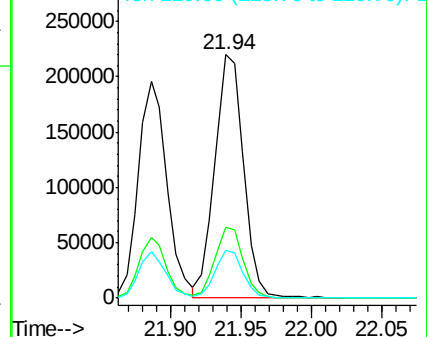
228 100

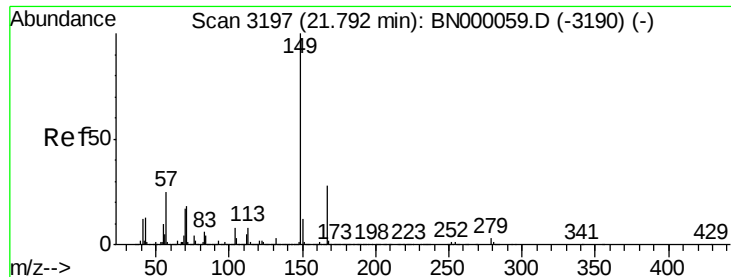
226 29.2 24.9 37.3

229 19.4 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.604 ng

RT: 21.78 min Scan# 3195

Delta R.T. -0.03 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

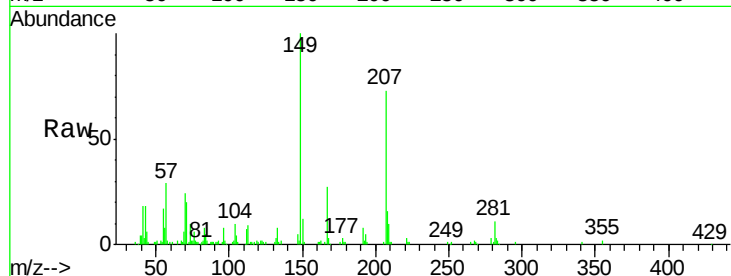
Tot Ion:149 Resp: 85711

Ion Ratio Lower Upper

149 100

167 27.0 24.3 36.5

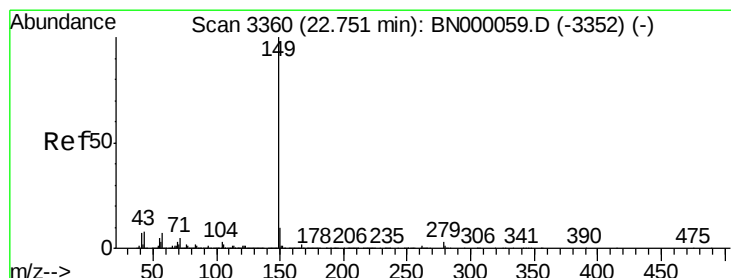
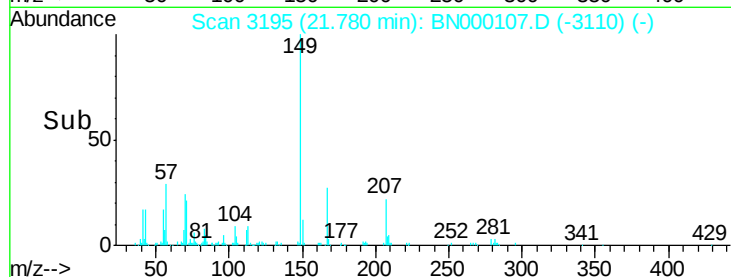
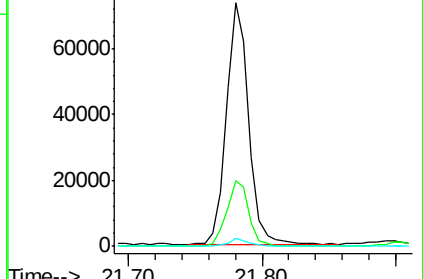
279 3.4 4.0 6.0#



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: 7.215 ng

RT: 22.73 min Scan# 3357

Delta R.T. -0.04 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

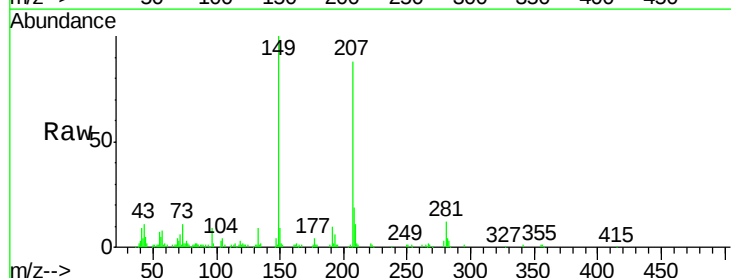
Tgt Ion:149 Resp: 124284

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

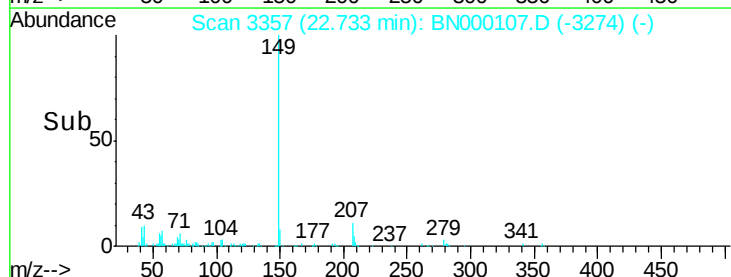
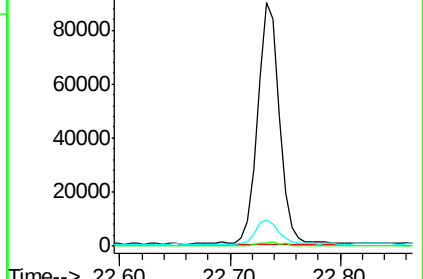
43 11.6 8.9 13.3

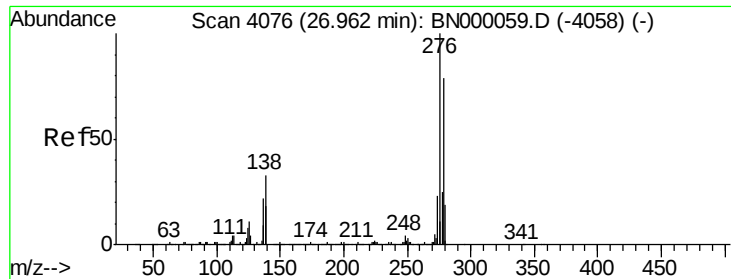


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

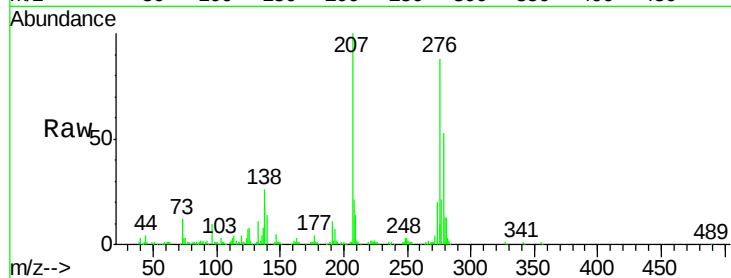




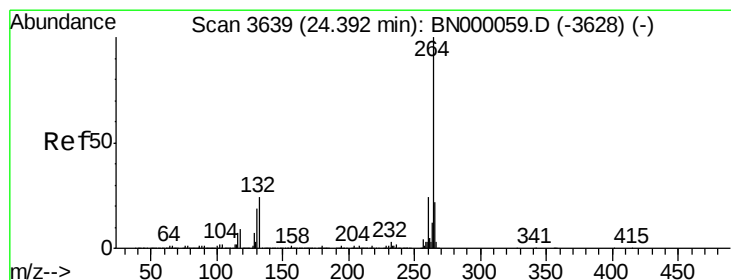
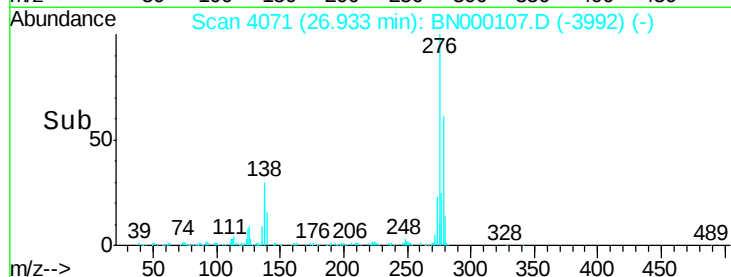
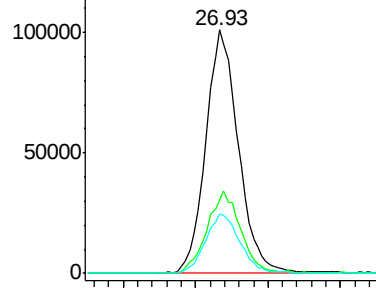
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.641 ng
 RT: 26.93 min Scan# 4071
 Delta R.T. -0.06 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

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

Tot Ion:276 Resp: 317264
 Ion Ratio Lower Upper
 276 100
 138 34.5 16.0 24.0#
 277 25.7 20.0 30.0

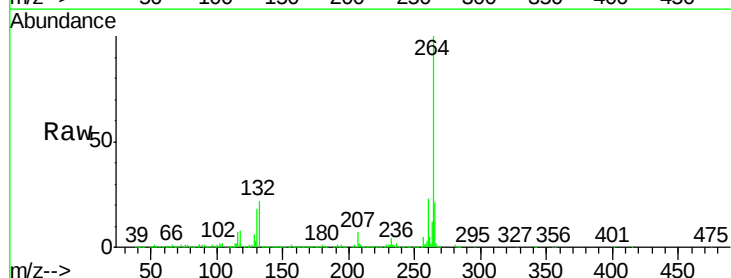


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

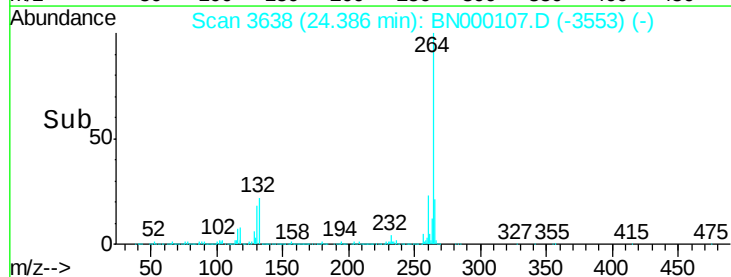
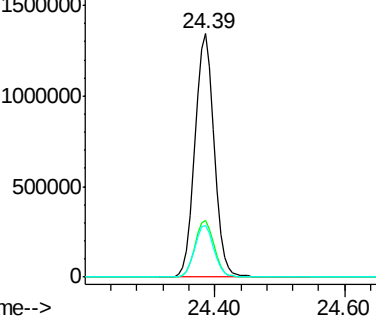


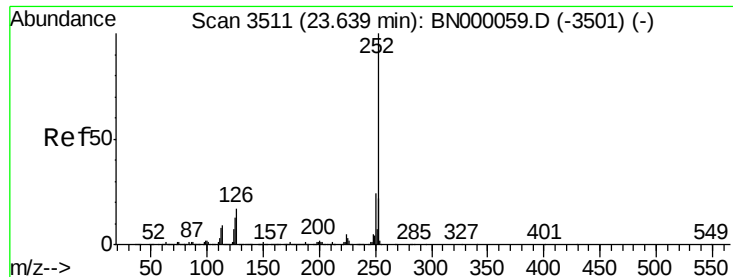
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.39 min Scan# 3638
 Delta R.T. -0.03 min
 Lab File: BN000107.D
 Acq: 15 Feb 2018 21:00

Tgt Ion:264 Resp: 2760166
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 21.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

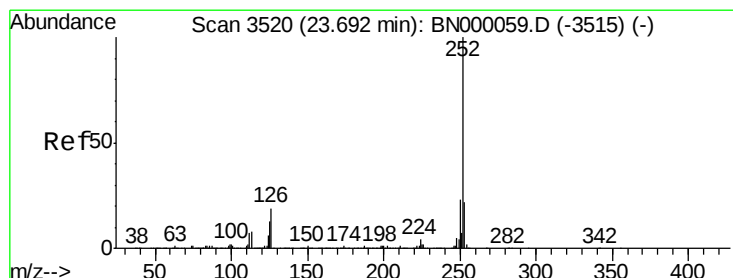
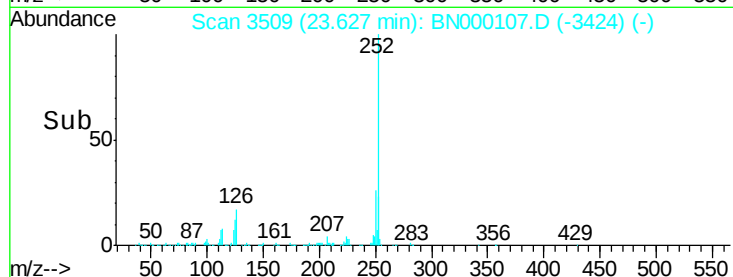
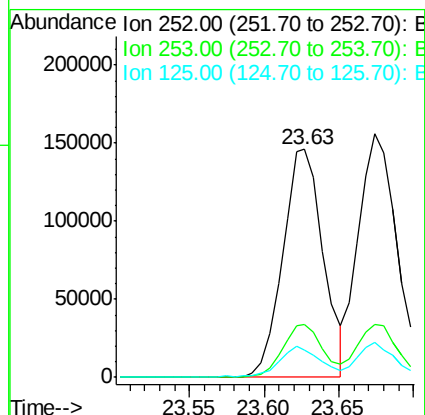
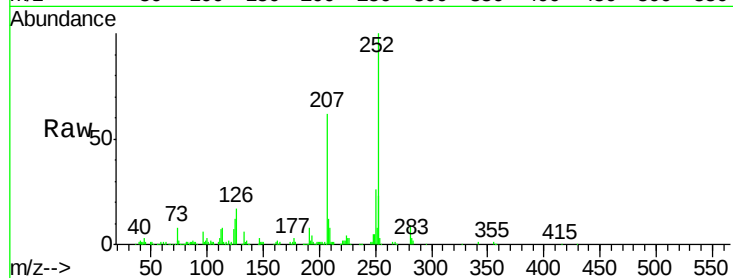




#87
Benzo(b)fluoranthene
Concen: 1.710 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

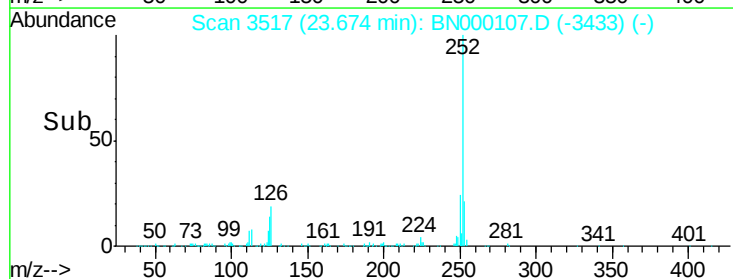
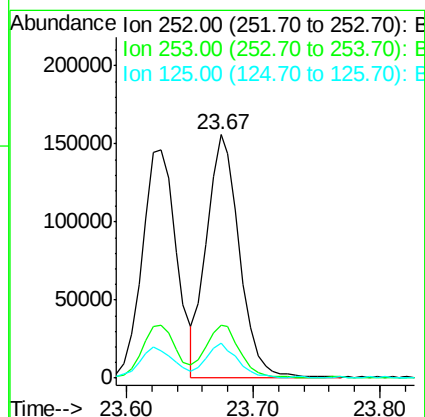
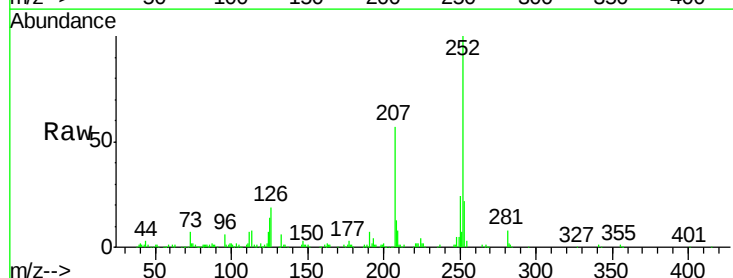
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2018

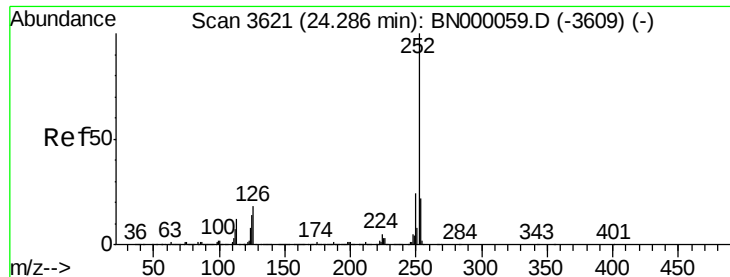
Tot Ion:252 Resp: 276286
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 12.1 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 1.727 ng
RT: 23.67 min Scan# 3517
Delta R.T. -0.04 min
Lab File: BN000107.D
Acq: 15 Feb 2018 21:00

Tgt Ion:252 Resp: 281043
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 14.2 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 1.641 ng

RT: 24.27 min Scan# 3619

Delta R.T. -0.04 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

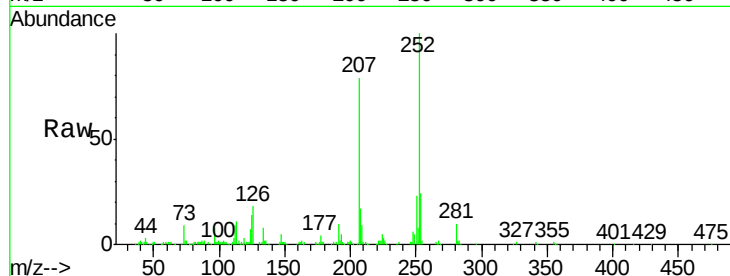
Tot Ion:252 Resp: 254324

Ion Ratio Lower Upper

252 100

253 24.2 18.3 27.5

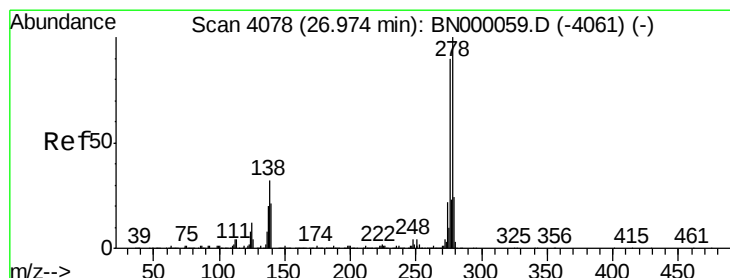
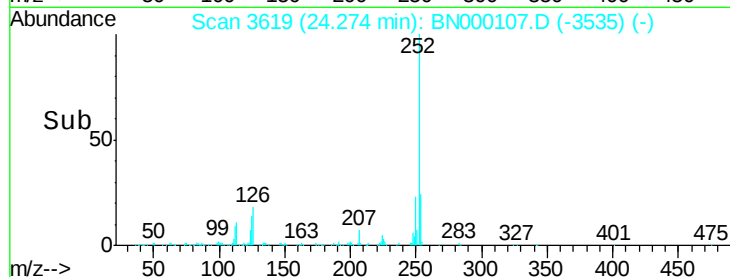
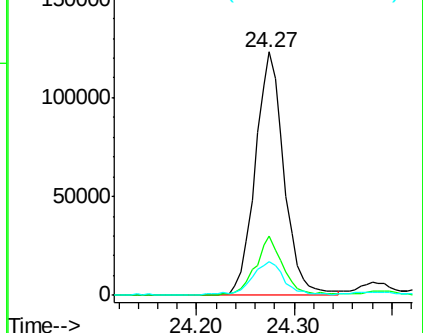
125 14.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 1.641 ng

RT: 26.95 min Scan# 4074

Delta R.T. -0.06 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

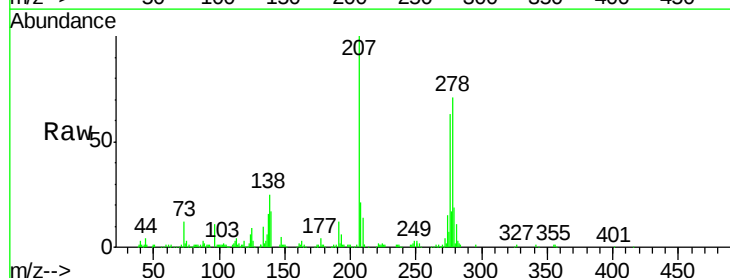
Tgt Ion:278 Resp: 265943

Ion Ratio Lower Upper

278 100

139 23.5 9.8 14.6#

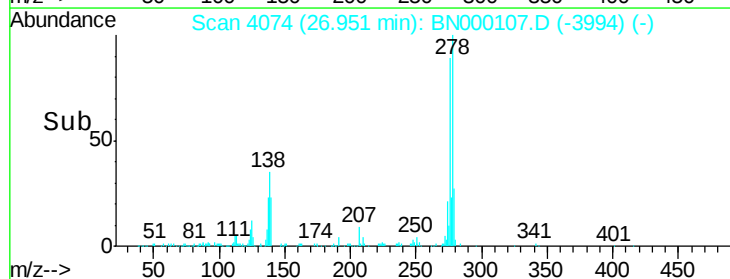
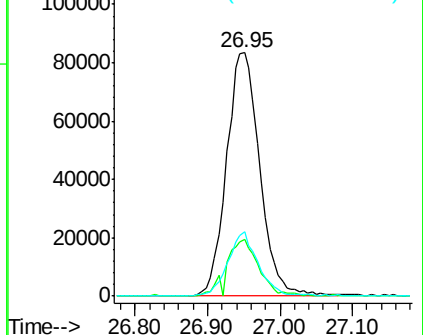
279 26.6 18.4 27.6

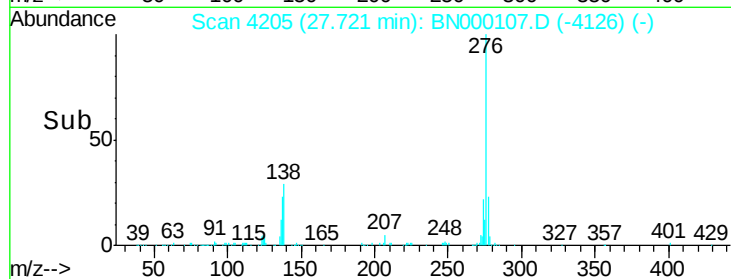
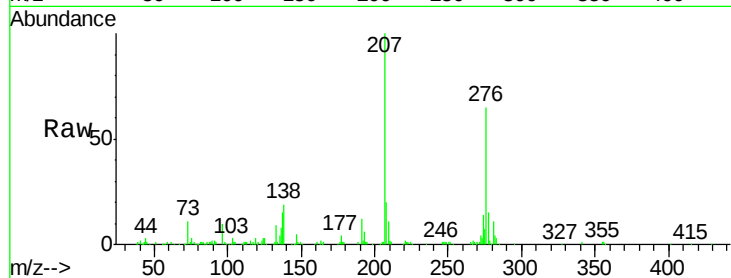
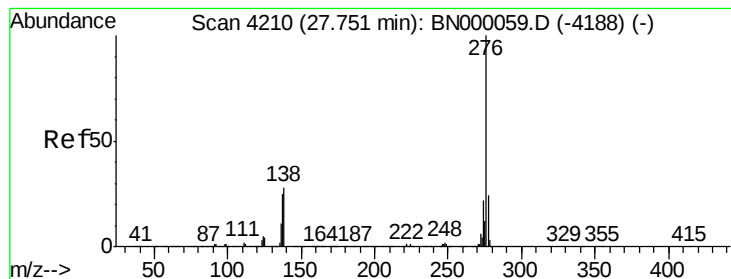


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.642 ng

RT: 27.72 min Scan# 4205

Delta R.T. -0.06 min

Lab File: BN000107.D

Acq: 15 Feb 2018 21:00

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion: 276 Resp: 268963

Ion Ratio Lower Upper

276 100

277 22.9 18.3 27.5

138 29.0 13.9 20.9#

