

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000762.D
 Acq On : 19 Apr 2018 04:19
 Operator : JU/SJ
 Sample : J2133-09
 Misc : 2PPM MDL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Quant Time: Apr 19 05:47:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 16:58:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	110489	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	462503	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	238651	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	493783	20.00	ng	0.00
75) Chrysene-d12	21.21	240	475974	20.00	ng	-0.01
86) Perylene-d12	23.40	264	480157	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1020573	137.21	ng	0.00
7) Phenol-d6	6.81	99	1333136	131.53	ng	0.00
23) Nitrobenzene-d5	8.78	82	728131	82.07	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	354793	147.68	ng	0.00
44) 2-Fluorobiphenyl	12.88	172	1474365	85.28	ng	0.00
78) Terphenyl-d14	19.65	244	1798177	81.46	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	7311	2.143	ng	# 84
3) Pyridine	3.65	79	12447	1.385	ng	95
4) n-Nitrosodimethylamine	3.55	42	3782	1.530	ng	# 93
6) Aniline	6.97	93	23248	1.729	ng	93
8) 2-Chlorophenol	7.20	128	15245	1.982	ng	92
9) Benzaldehyde	6.78	77	8550	0.164	ng	97
10) Phenol	6.83	94	20386	1.908	ng	95
11) bis(2-Chloroethyl)ether	7.07	93	16209	1.854	ng	# 82
12) 1,3-Dichlorobenzene	7.52	146	17799	1.992	ng	97
13) 1,4-Dichlorobenzene	7.66	146	17908	1.974	ng	97
14) 1,2-Dichlorobenzene	7.98	146	17134	1.979	ng	97
15) Benzyl Alcohol	7.86	79	10472	1.502	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.16	45	17527	1.888	ng	76
17) 2-Methylphenol	8.06	107	11458	1.595	ng	95
18) Hexachloroethane	8.69	117	6239	1.867	ng	# 80
19) n-Nitroso-di-n-propylamine	8.43	70	9705	1.539	ng	# 85
20) 3+4-Methylphenols	8.39	107	15089	1.529	ng	95
22) Acetophenone	8.44	105	23549	1.777	ng	# 89
24) Nitrobenzene	8.81	77	19089	2.007	ng	# 97
25) Isophorone	9.33	82	23601	1.468	ng	99
26) 2-Nitrophenol	9.52	139	4843	1.243	ng	94
27) 2,4-Dimethylphenol	9.58	122	9630	1.514	ng	92
28) bis(2-Chloroethoxy)methane	9.82	93	18012	1.719	ng	95
29) 2,4-Dichlorophenol	10.05	162	8612	1.375	ng	95
30) 1,2,4-Trichlorobenzene	10.26	180	15071	1.996	ng	# 96
31) Naphthalene	10.44	128	49723	2.000	ng	97
32) Benzoic acid	9.63	122	2644	4.997	ng	93
33) 4-Chloroaniline	10.55	127	16104	1.586	ng	96
34) Hexachlorobutadiene	10.73	225	7966	1.942	ng	95
35) Caprolactam	11.29	113	1422	0.656	ng	# 80
36) 4-Chloro-3-methylphenol	11.68	107	9511	1.286	ng	100
37) 2-Methylnaphthalene	12.06	142	31144	1.912	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	15066	2.036	ng	# 96
40) Hexachlorocyclopentadiene	12.42	237	6665	1.536	ng	90

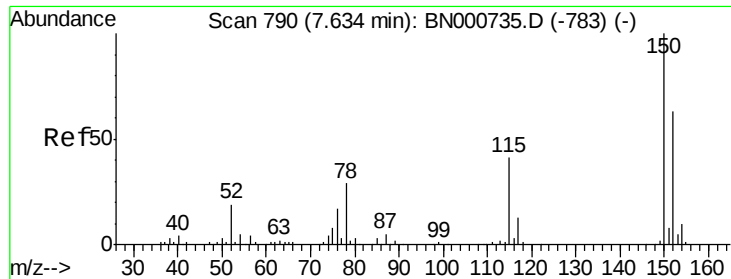
Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	5597	1.247	ng	97
43) 2,4,5-Trichlorophenol	12.75	196	6824	1.316	ng	93
45) 1,1'-Biphenyl	13.09	154	46280	2.167	ng	97
46) 2-Chloronaphthalene	13.12	162	31599	1.973	ng	96
47) 2-Nitroaniline	13.33	65	4921	1.059	ng	89
48) Acenaphthylene	13.98	152	43115	1.698	ng	97
49) Dimethylphthalate	13.72	163	32600	1.709	ng	100
50) 2,6-Dinitrotoluene	13.83	165	4697	1.163	ng	92
51) Acenaphthene	14.32	154	30497	1.971	ng	96
52) 3-Nitroaniline	14.16	138	4617	1.004	ng	# 96
53) 2,4-Dinitrophenol	14.37	184	1168	6.210	ng	# 91
54) Dibenzofuran	14.66	168	45237	2.008	ng	97
55) 4-Nitrophenol	14.46	139	2345	0.687	ng	# 73
56) 2,4-Dinitrotoluene	14.62	165	5296	1.001	ng	# 93
57) Fluorene	15.31	166	33536	1.883	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.88	232	4974	1.248	ng	# 89
59) Diethylphthalate	15.10	149	30121	1.594	ng	95
60) 4-Chlorophenyl-phenylether	15.31	204	16737	2.010	ng	92
61) 4-Nitroaniline	15.32	138	4244	0.938	ng	97
62) Azobenzene	15.60	77	30422	1.503	ng	90
64) 4,6-Dinitro-2-methylphenol	15.38	198	2214	0.726	ng	85
65) n-Nitrosodiphenylamine	15.53	169	26146	1.577	ng	97
66) 4-Bromophenyl-phenylether	16.20	248	8681	1.730	ng	# 84
67) Hexachlorobenzene	16.31	284	11264	1.939	ng	94
68) Atrazine	16.48	200	3992	0.889	ng	94
69) Pentachlorophenol	16.66	266	3373	0.899	ng	96
70) Phenanthrene	17.05	178	56439	1.974	ng	99
71) Anthracene	17.13	178	48020	1.715	ng	99
72) Carbazole	17.41	167	41878	1.591	ng	98
73) Di-n-butylphthalate	17.99	149	34194	1.140	ng	# 97
74) Fluoranthene	19.07	202	50744	1.760	ng	92
76) Benzidine	19.26	184	7128	0.553	ng	95
77) Pyrene	19.43	202	56414	1.645	ng	99
79) Butylbenzylphthalate	20.36	149	11627	0.805	ng	96
80) Benzo(a)anthracene	21.19	228	52811	1.761	ng	98
81) 3,3'-Dichlorobenzidine	21.13	252	10080	1.068	ng	# 96
82) Chrysene	21.25	228	57244	1.971	ng	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	18379	0.833	ng	# 96
84) Di-n-octyl phthalate	22.03	149	24455	0.775	ng	# 99
85) Indeno(1,2,3-cd)pyrene	26.23	276	45619	1.826	ng	# 91
87) Benzo(b)fluoranthene	22.75	252	49675	1.703	ng	# 94
88) Benzo(k)fluoranthene	22.79	252	51604	1.776	ng	# 96
89) Benzo(a)pyrene	23.30	252	43004	1.615	ng	# 94
90) Dibenzo(a,h)anthracene	25.59	278	46972	1.791	ng	# 90
91) Benzo(g,h,i)perylene	26.23	276	45619	1.781	ng	# 88

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

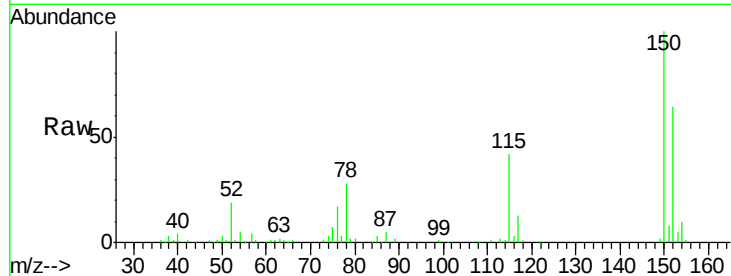


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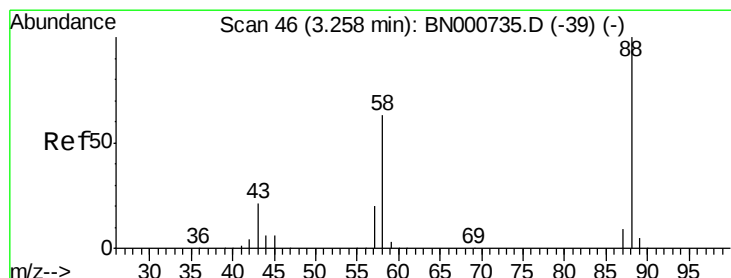
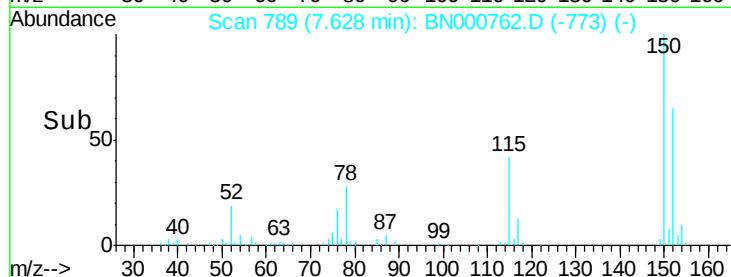
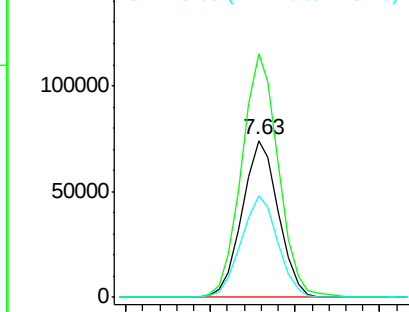
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion:152 Resp: 110489
Ion Ratio Lower Upper
152 100
150 155.1 126.6 189.8
115 64.7 53.0 79.4



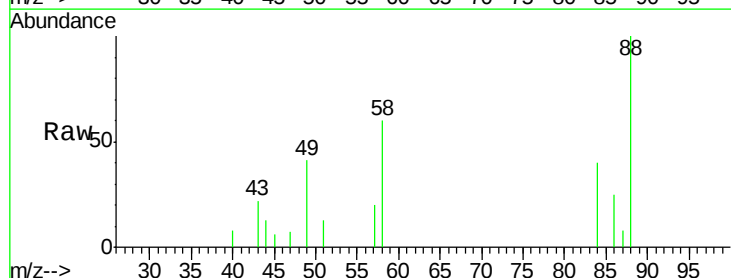
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



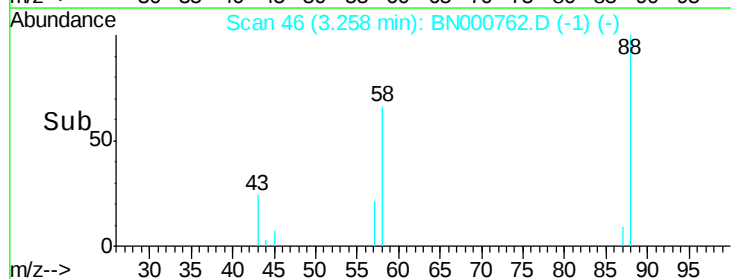
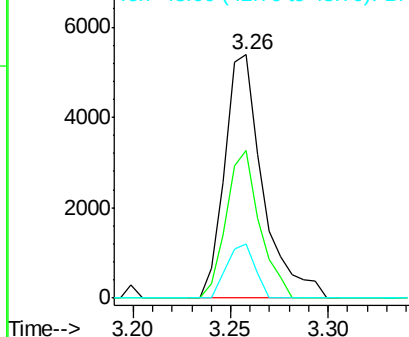
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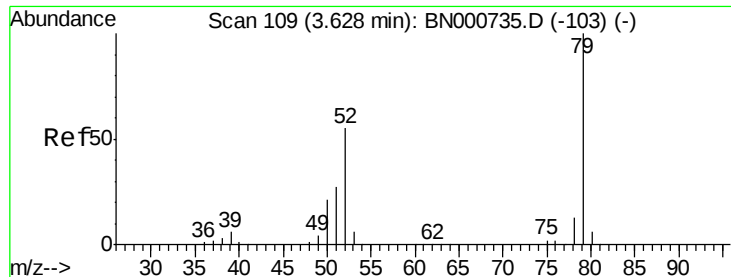
1,4-Dioxane
Concen: 2.143 ng
RT: 3.26 min Scan# 46
Delta R.T. 0.00 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion: 88 Resp: 7311
Ion Ratio Lower Upper
88 100
58 53.1 52.0 78.0
43 16.4 20.0 30.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 1.385 ng

RT: 3.65 min Scan# 112

Delta R.T. 0.02 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

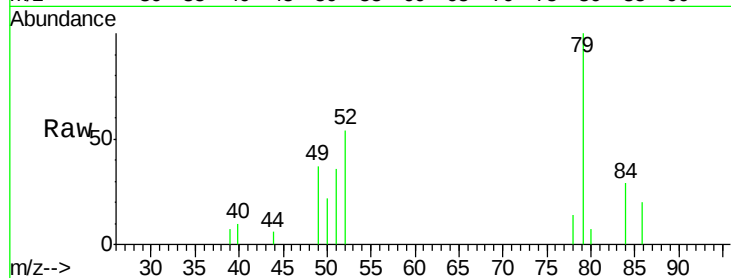
Tot Ion: 79 Resp: 12447

Ion Ratio Lower Upper

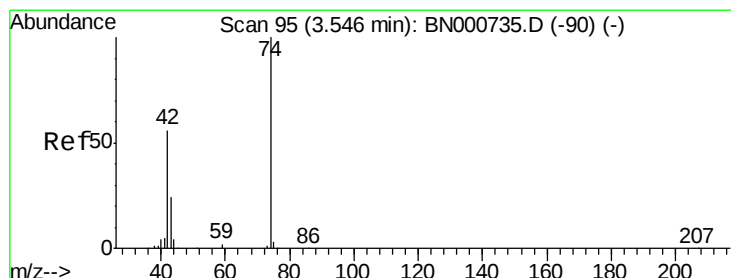
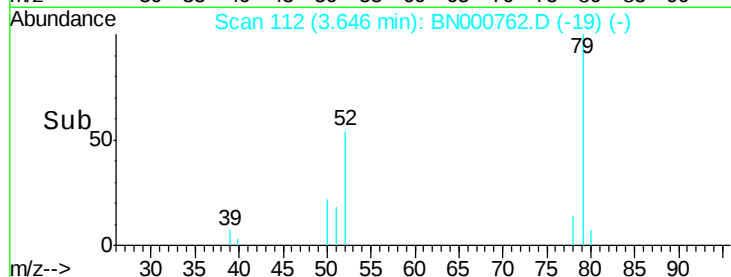
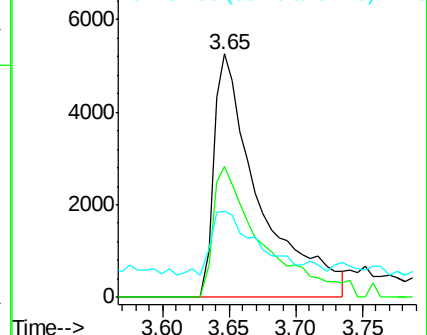
79 100

52 53.8 44.0 66.0

51 35.5 24.0 36.0



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 52.00 (51.70 to 52.70): BN0
Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 1.530 ng

RT: 3.55 min Scan# 96

Delta R.T. 0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

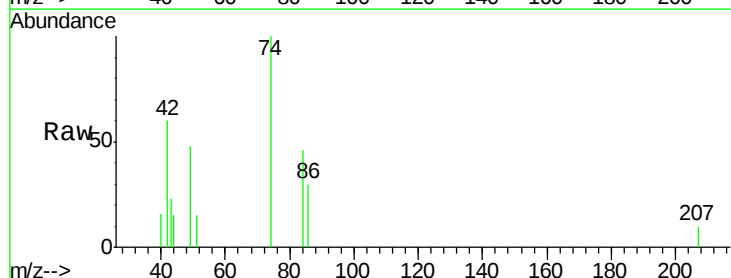
Tgt Ion: 42 Resp: 3782

Ion Ratio Lower Upper

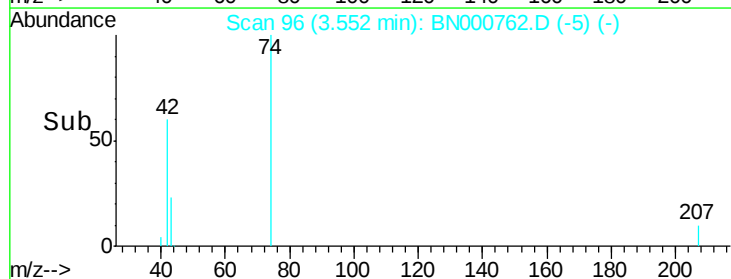
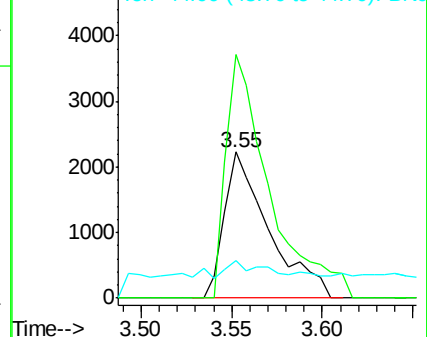
42 100

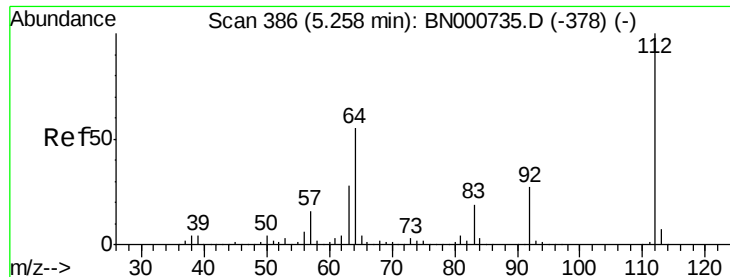
74 167.0 128.0 192.0

44 25.7 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 137.213 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

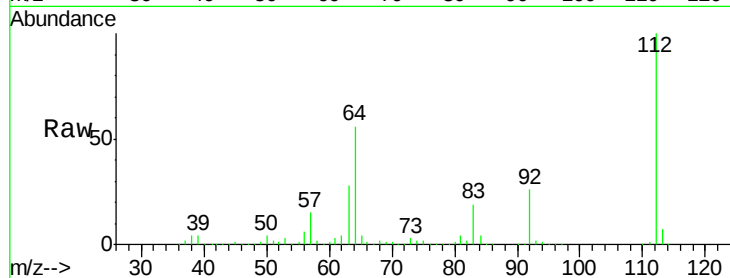
Tot Ion:112 Resp: 1020573

Ion Ratio Lower Upper

112 100

64 55.6 56.3 84.5#

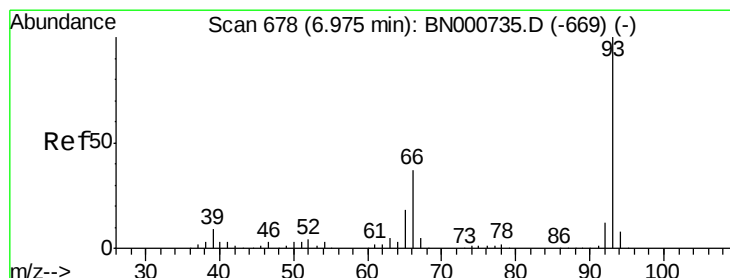
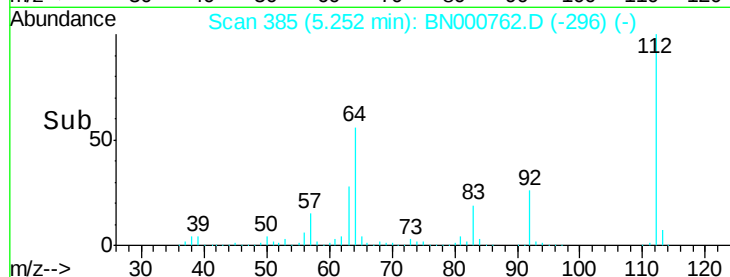
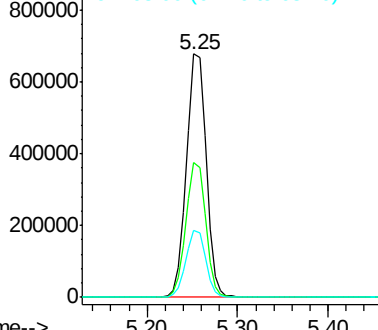
63 27.7 30.1 45.1#



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: 1.729 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

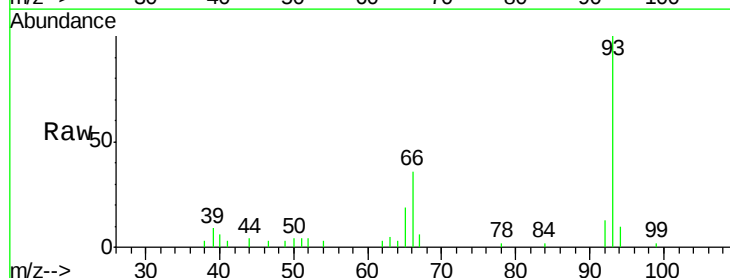
Tgt Ion: 93 Resp: 23248

Ion Ratio Lower Upper

93 100

66 36.4 33.7 50.5

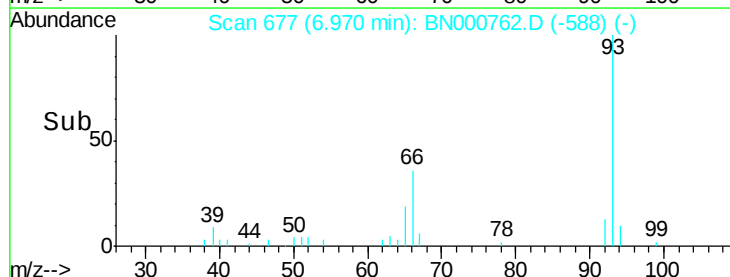
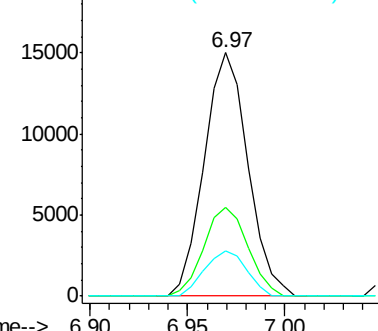
65 18.8 16.1 24.1

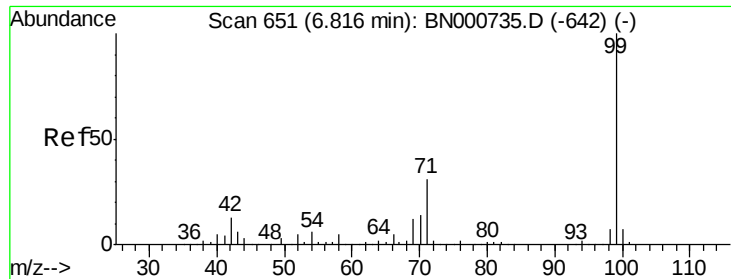


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 131.526 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

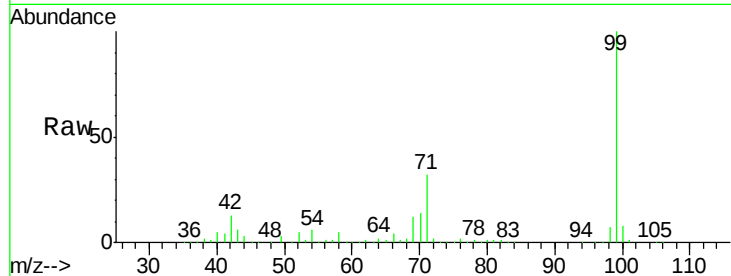
BNA_N

ClientSampleId :

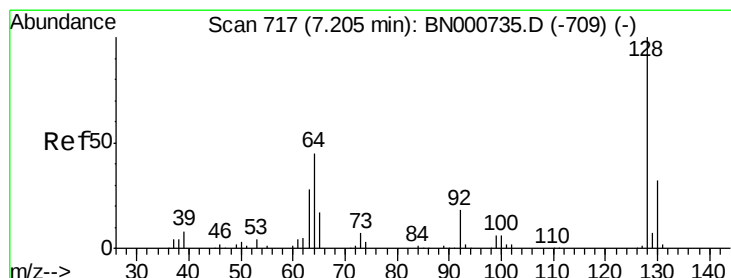
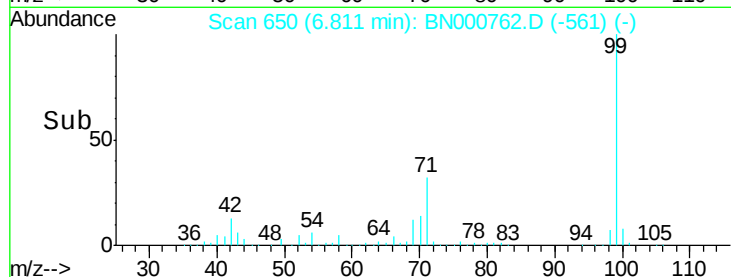
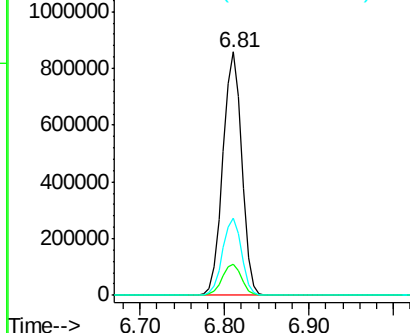
MDL-WATER-03-QT2-2018

Tot Ion: 99 Resp: 1333136

Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.1	21.1#
71	31.7	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#8

2-Chlorophenol

Concen: 1.982 ng

RT: 7.20 min Scan# 716

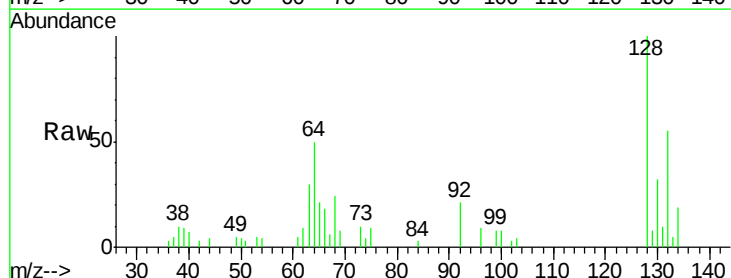
Delta R.T. -0.01 min

Lab File: BN000762.D

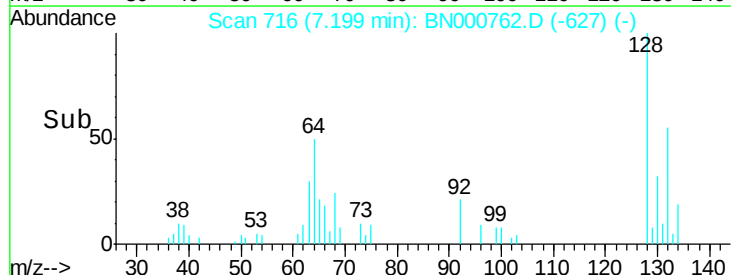
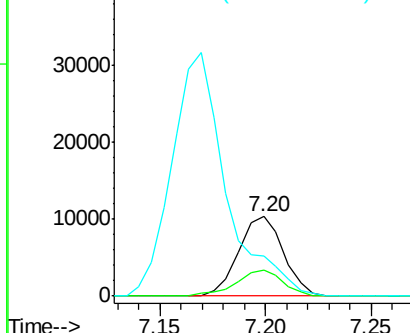
Acq: 19 Apr 2018 04:19

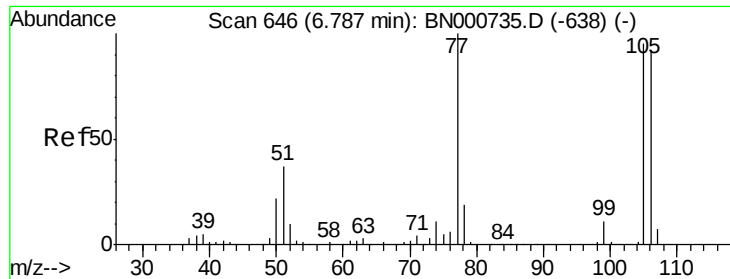
Tgt Ion:128 Resp: 15245

Ion	Ratio	Lower	Upper
128	100		
130	32.3	14.0	54.0
64	49.8	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): BNC
Ion 130.00 (129.70 to 130.70): BNC
Ion 64.00 (63.70 to 64.70): BNC

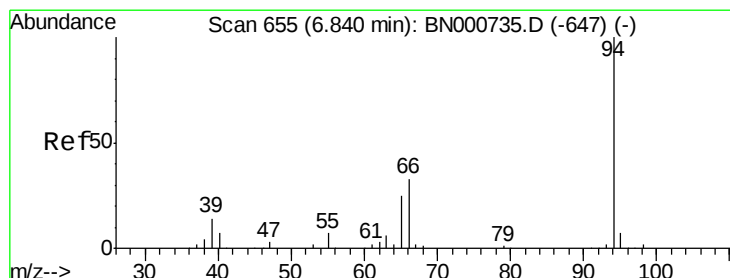
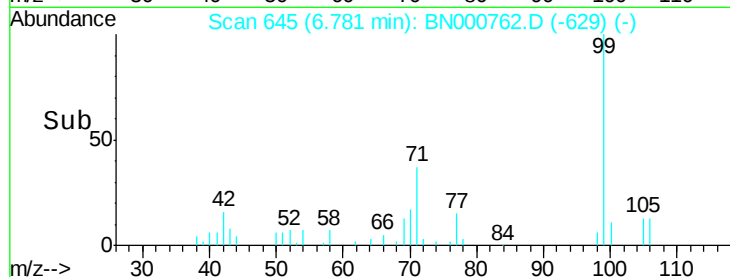
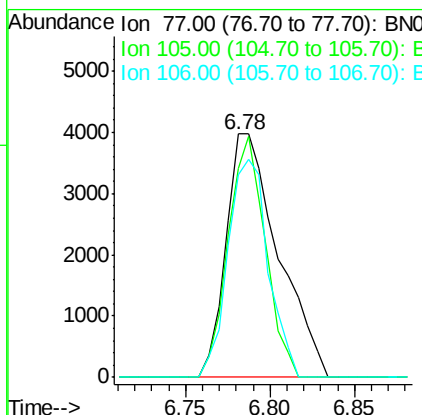
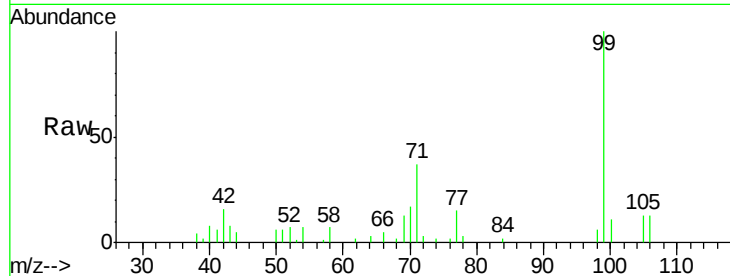




#9
Benzaldehyde
Concen: 0.164 ng
RT: 6.78 min Scan# 645
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

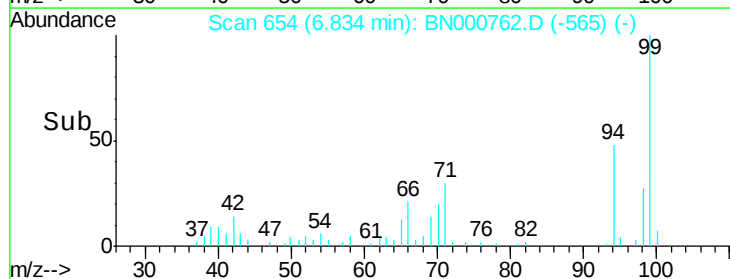
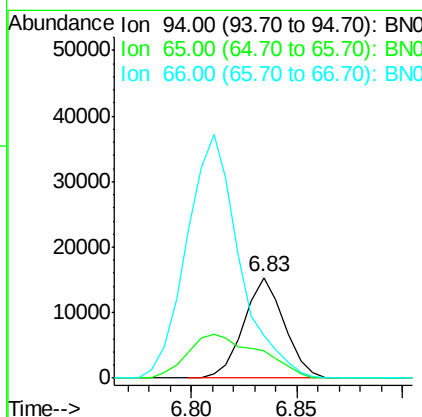
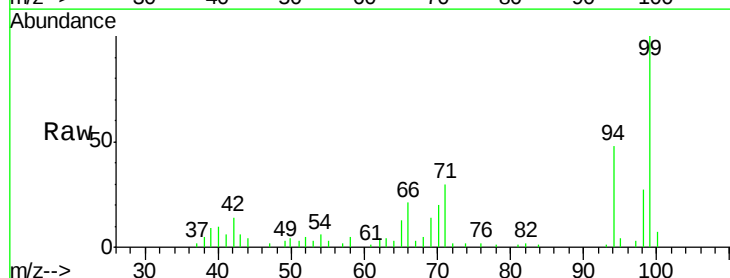
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

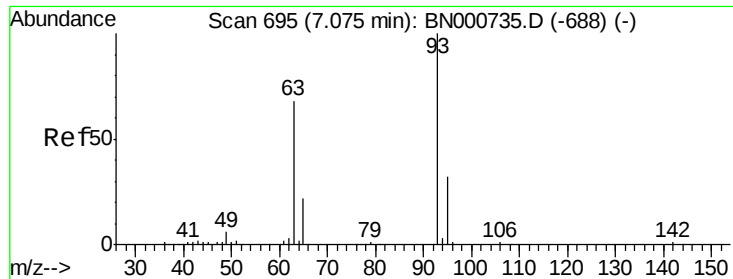
Tot Ion: 77 Resp: 8550
Ion Ratio Lower Upper
77 100
105 86.0 71.3 111.3
106 83.2 64.2 104.2



#10
Phenol
Concen: 1.908 ng
RT: 6.83 min Scan# 654
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion: 94 Resp: 20386
Ion Ratio Lower Upper
94 100
65 26.5 11.9 51.9
66 42.7 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 1.854 ng

RT: 7.07 min Scan# 694

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

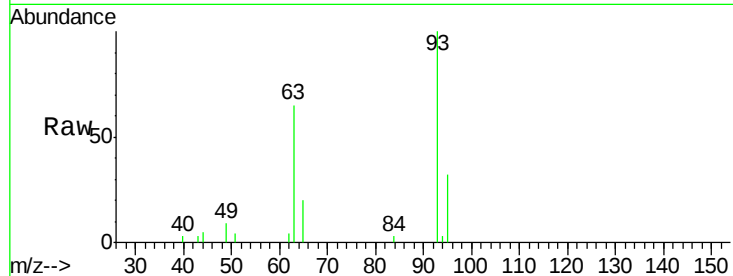
Tot Ion: 93 Resp: 16209

Ion Ratio Lower Upper

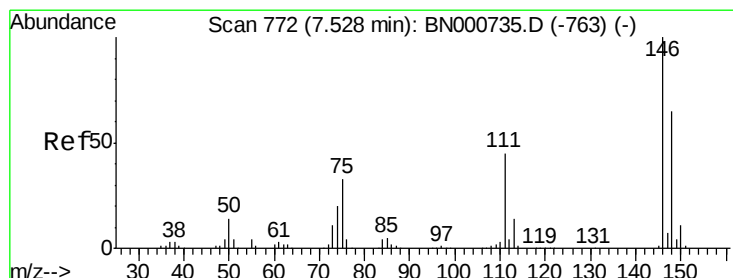
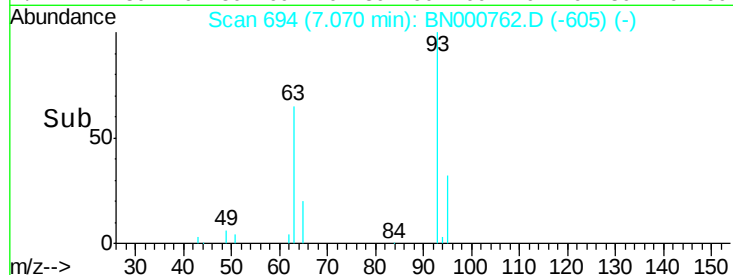
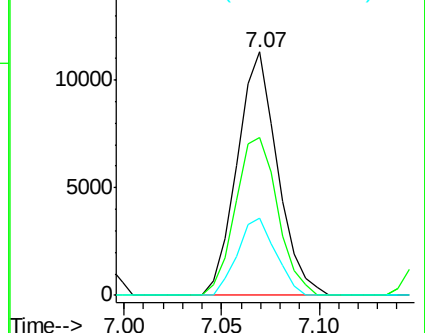
93 100

63 64.8 67.1 107.1#

95 31.9 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 1.992 ng

RT: 7.52 min Scan# 771

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

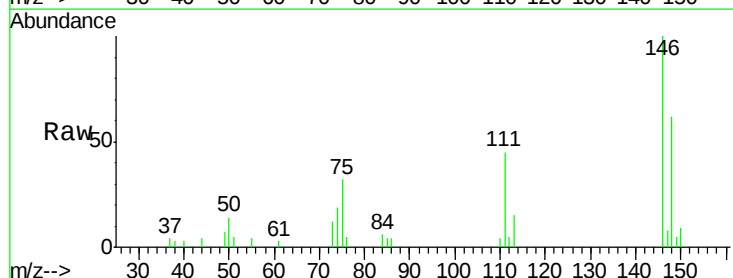
Tgt Ion: 146 Resp: 17799

Ion Ratio Lower Upper

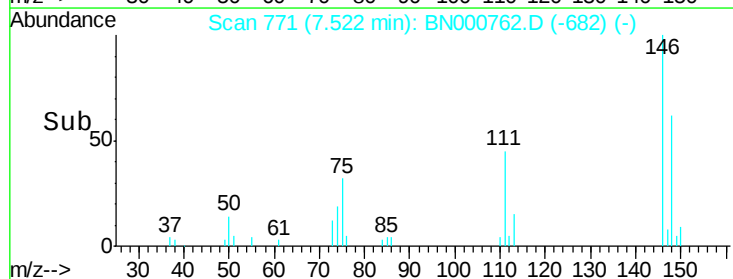
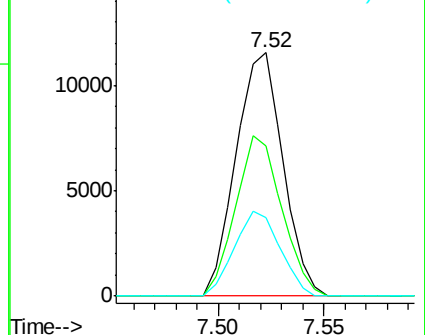
146 100

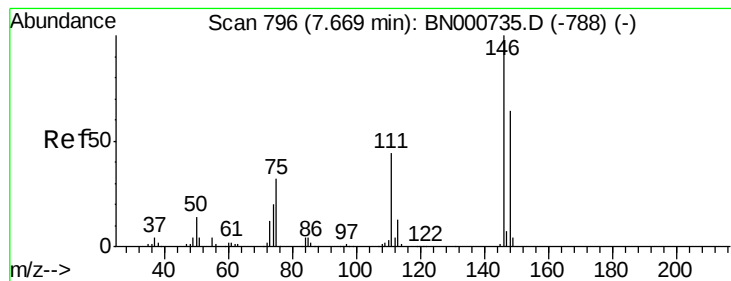
148 61.6 51.4 77.2

75 32.0 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BNC
Ion 148.00 (147.70 to 148.70): BNC
Ion 75.00 (74.70 to 75.70): BNC





#13

1,4-Dichlorobenzene

Concen: 1.974 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

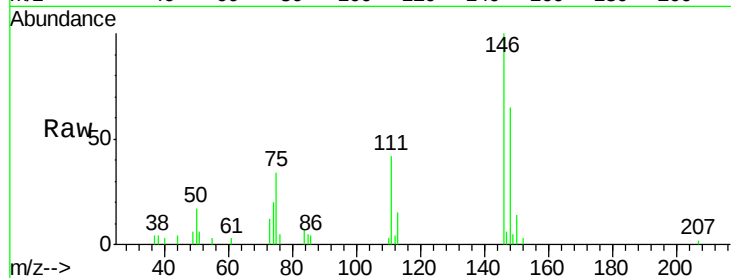
Tot Ion:146 Resp: 17908

Ion Ratio Lower Upper

146 100

148 64.8 53.7 80.5

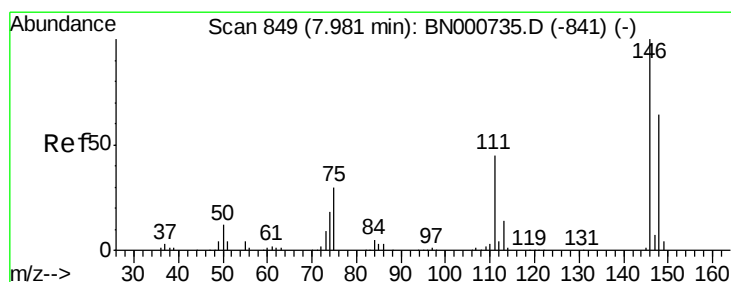
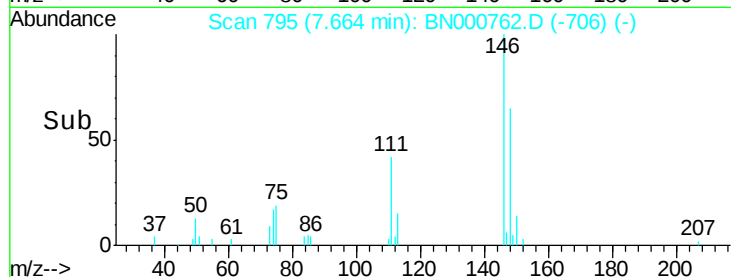
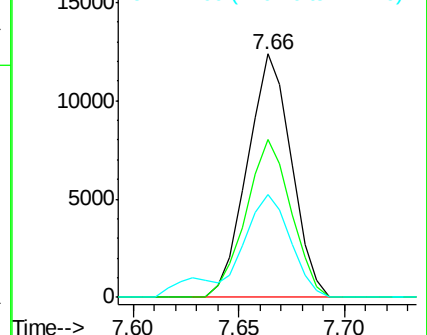
111 42.4 35.2 52.8



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: 1.979 ng

RT: 7.98 min Scan# 848

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

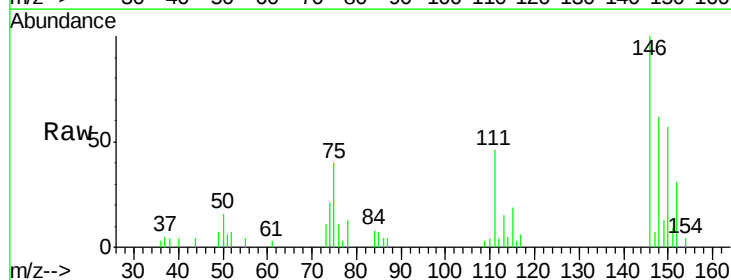
Tgt Ion:146 Resp: 17134

Ion Ratio Lower Upper

146 100

148 62.1 49.3 73.9

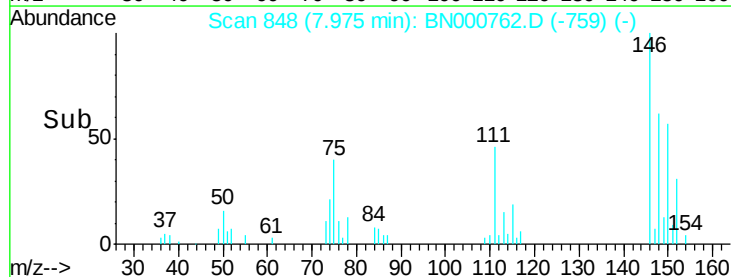
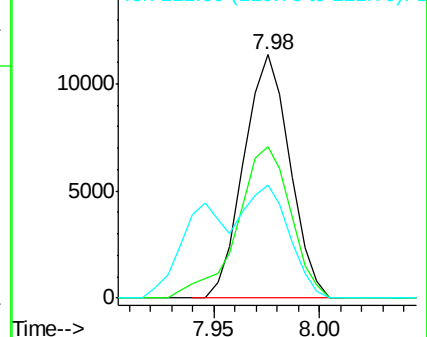
111 46.3 34.3 51.5

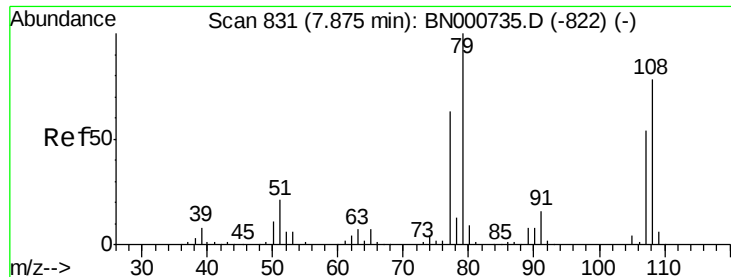


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.502 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

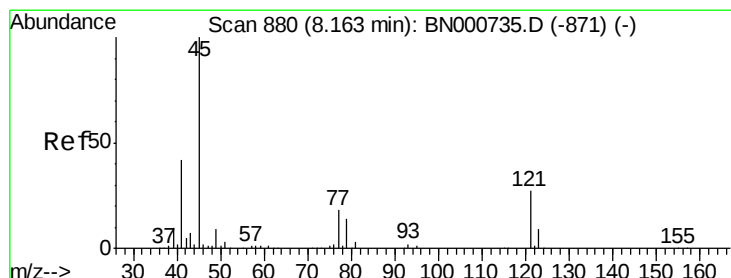
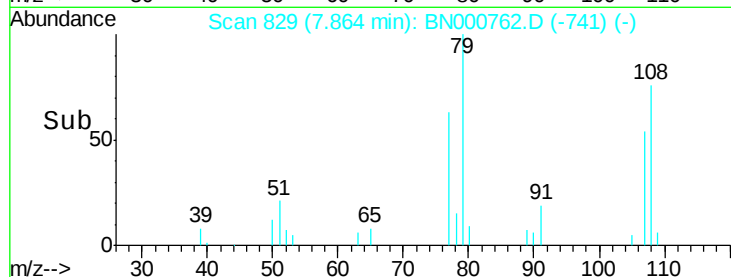
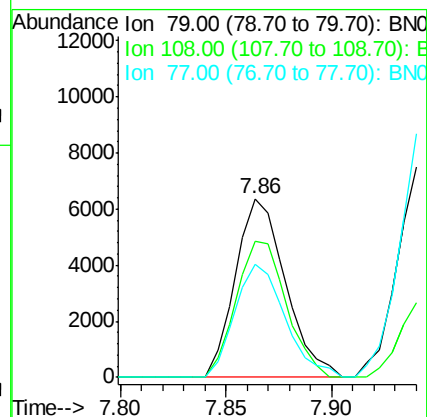
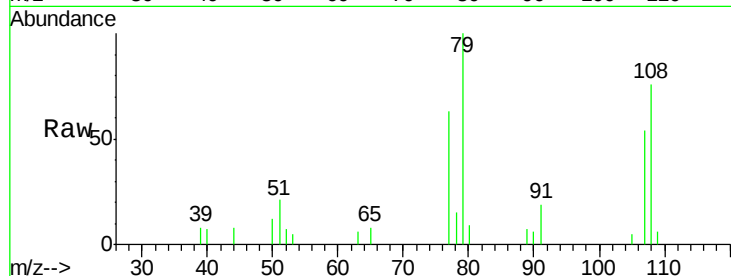
Tot Ion: 79 Resp: 10472

Ion Ratio Lower Upper

79 100

108 76.1 57.2 85.8

77 62.9 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 1.888 ng

RT: 8.16 min Scan# 879

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

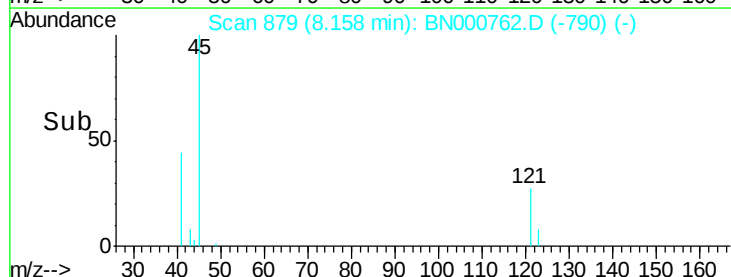
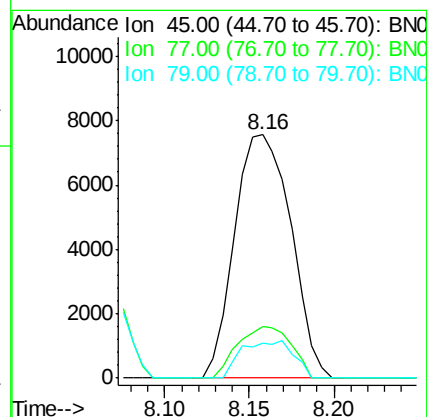
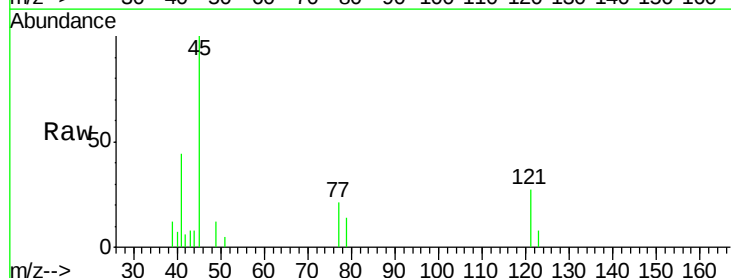
Tgt Ion: 45 Resp: 17527

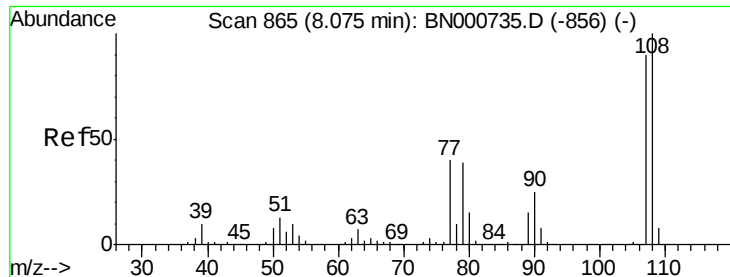
Ion Ratio Lower Upper

45 100

77 21.1 0.0 30.2

79 14.3 0.0 27.9

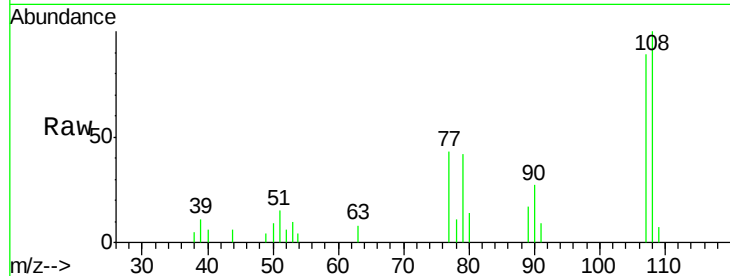




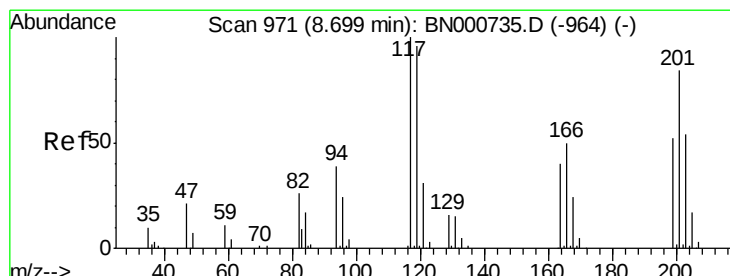
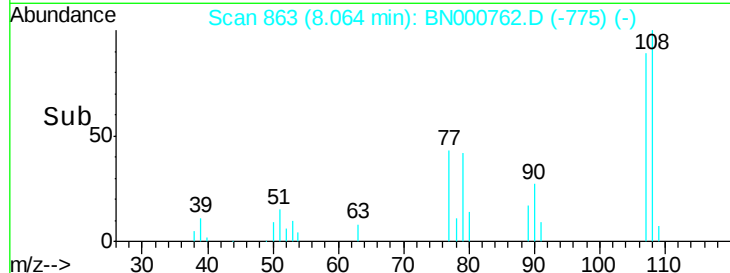
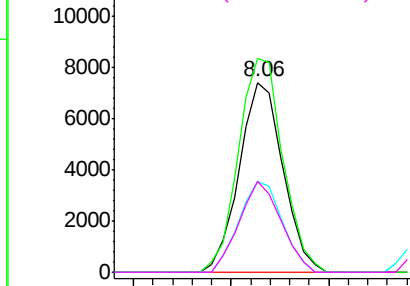
#17
2-Methylphenol
Concen: 1.595 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion:	107	Resp:	11458
Ion	Ratio	Lower	Upper
107	100		
108	112.4	83.9	125.9
77	47.9	37.2	55.8
79	47.7	36.2	54.2

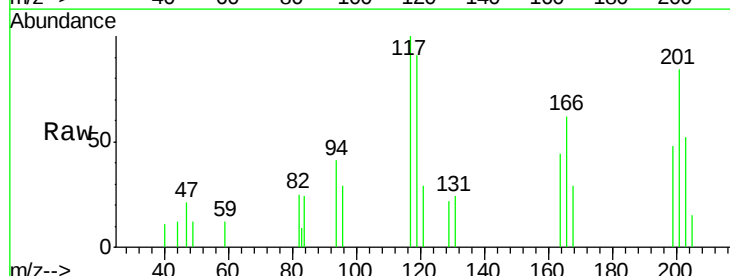


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

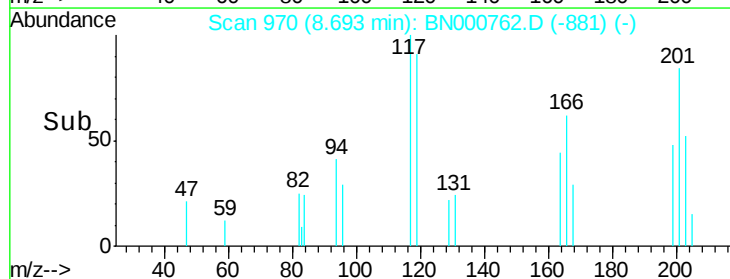
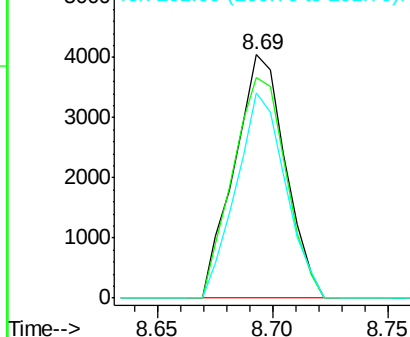


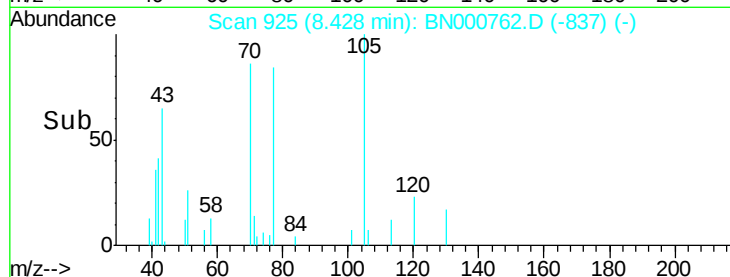
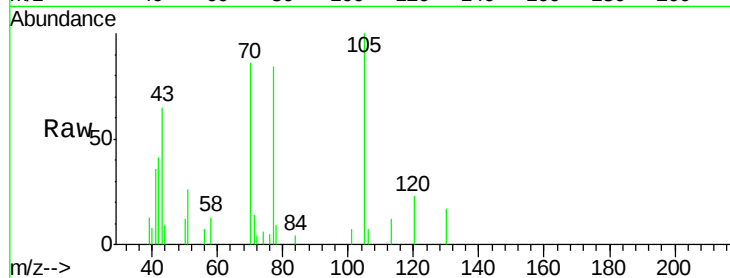
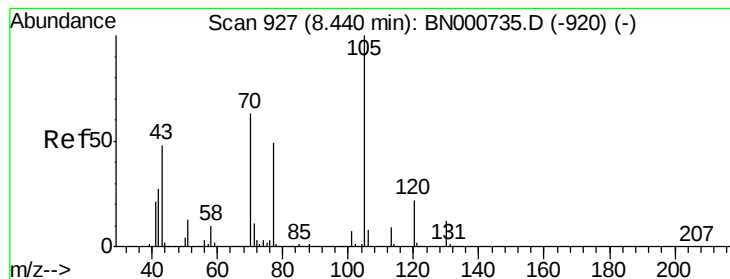
#18
Hexachloroethane
Concen: 1.867 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion:	117	Resp:	6239
Ion	Ratio	Lower	Upper
117	100		
119	90.6	76.7	115.1
201	84.0	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





#19

n-Nitroso-di-n-propylamine

Concen: 1.539 ng

RT: 8.43 min Scan# 925

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion: 70 Resp: 9705

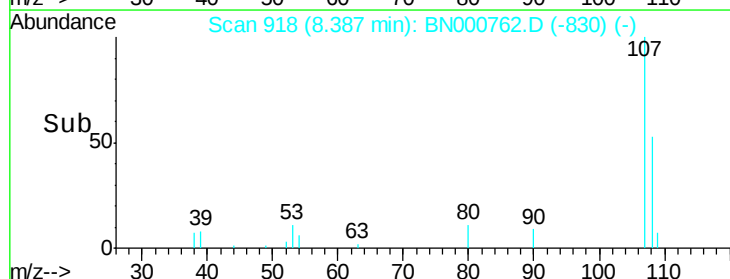
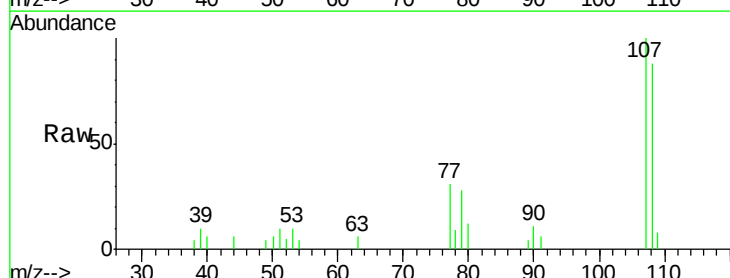
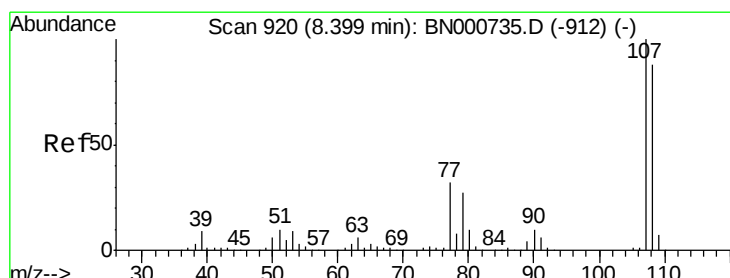
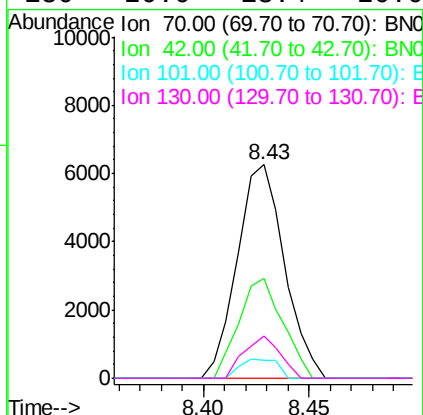
Ion Ratio Lower Upper

70 100

42 47.0 49.1 73.7#

101 8.4 8.5 12.7#

130 20.0 13.4 20.0



#20

3+4-Methylphenols

Concen: 1.529 ng

RT: 8.39 min Scan# 918

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Tgt Ion:107 Resp: 15089

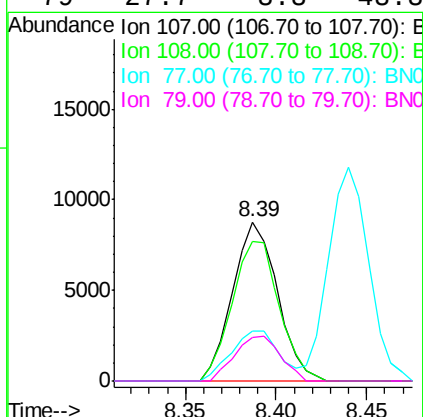
Ion Ratio Lower Upper

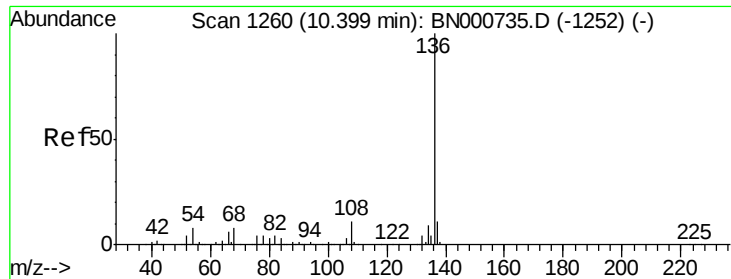
107 100

108 87.8 61.6 101.6

77 31.4 13.9 53.9

79 27.7 8.8 48.8

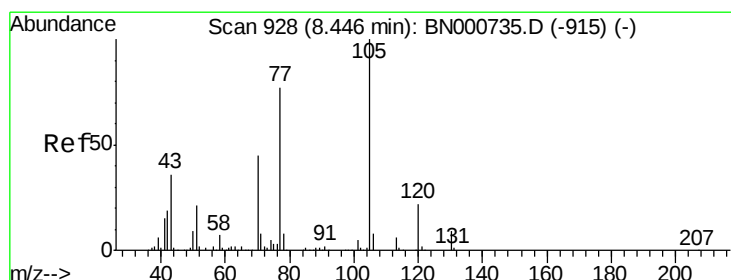
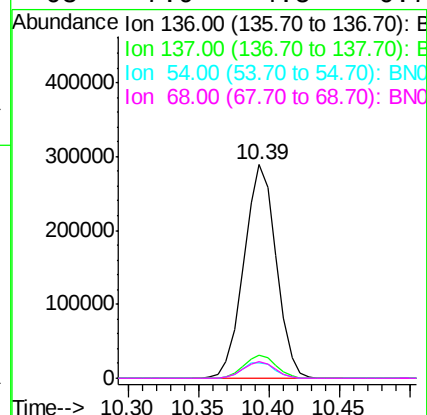
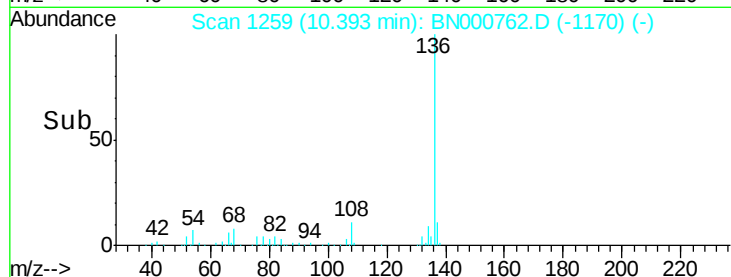
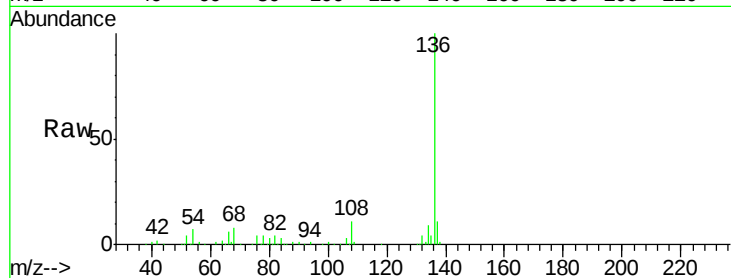




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

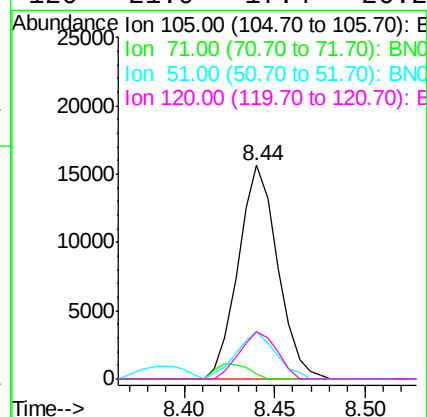
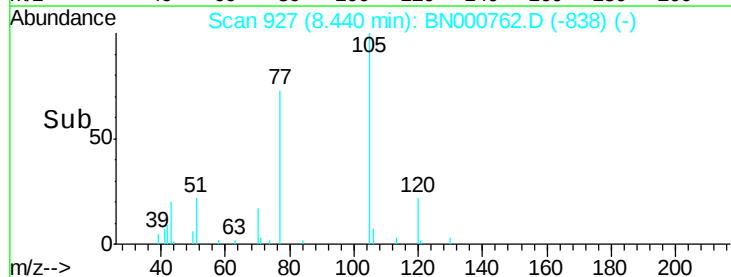
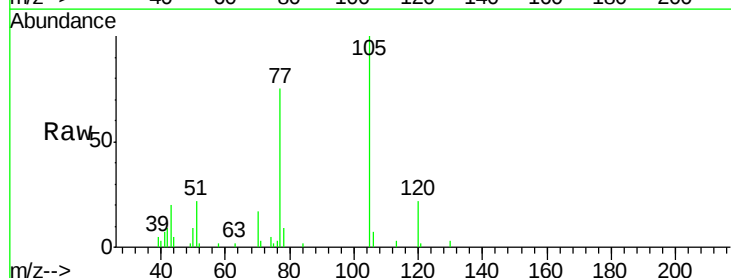
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

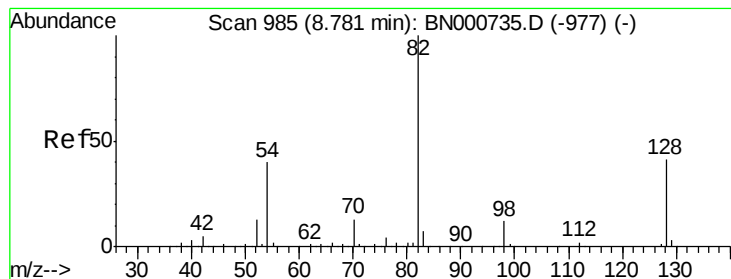
Tot Ion:136	Resp:	462503
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.2 13.8
54	7.3	10.3 15.5#
68	7.9	4.5 6.7#



#22
Acetophenone
Concen: 1.777 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion:105	Resp:	23549
Ion	Ratio	Lower Upper
105	100	
71	2.6	3.0 4.4#
51	22.2	26.1 39.1#
120	21.9	17.4 26.2





#23

Nitrobenzene-d5

Concen: 82.070 ng

RT: 8.78 min Scan# 984

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

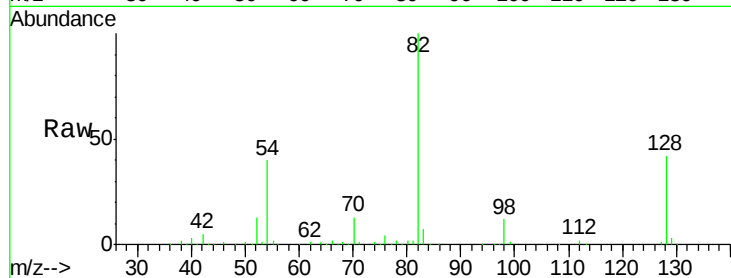
Tot Ion: 82 Resp: 728131

Ion Ratio Lower Upper

82 100

128 42.1 29.7 44.5

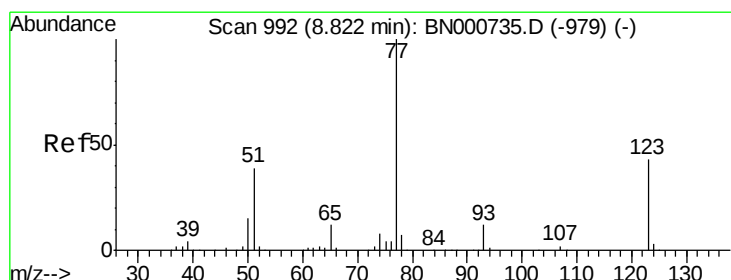
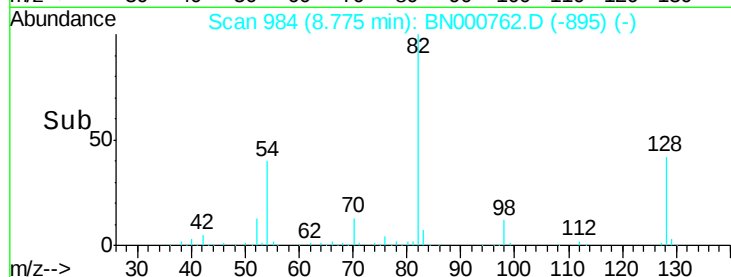
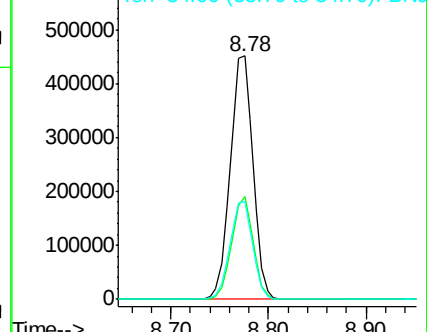
54 40.3 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#24

Nitrobenzene

Concen: 2.007 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

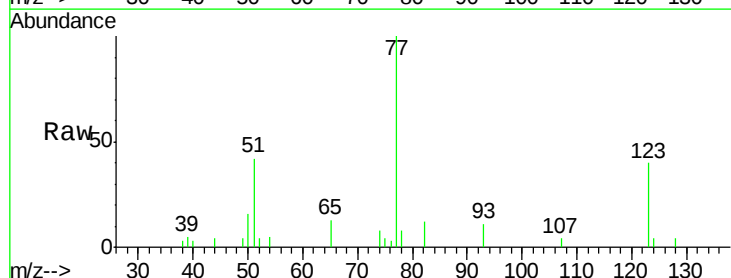
Tgt Ion: 77 Resp: 19089

Ion Ratio Lower Upper

77 100

123 40.5 33.0 49.6

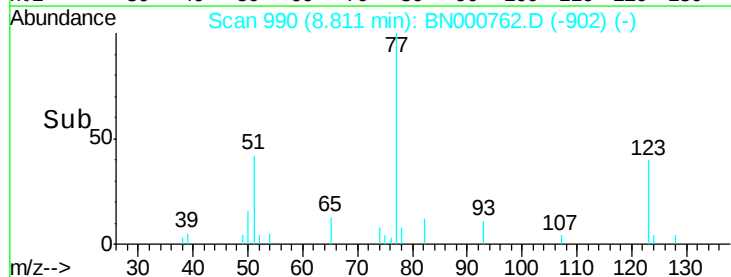
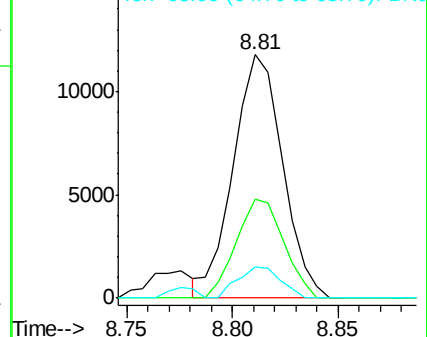
65 13.0 13.0 19.6#

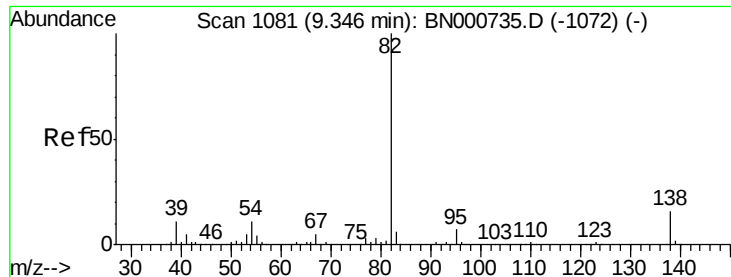


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#25

Isophorone

Concen: 1.468 ng

RT: 9.33 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

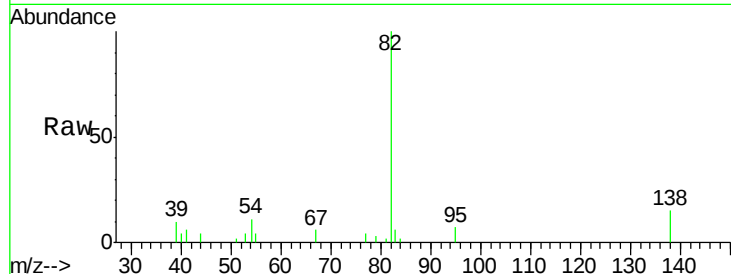
Tot Ion: 82 Resp: 23601

Ion Ratio Lower Upper

82 100

95 6.5 6.2 9.2

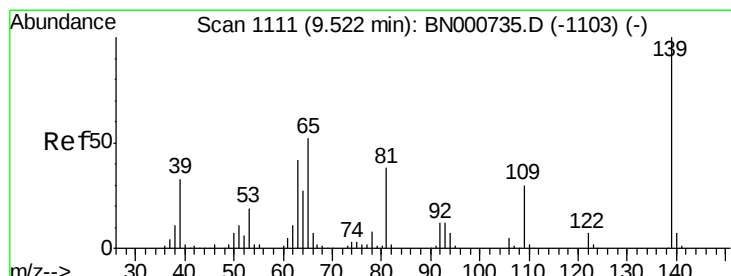
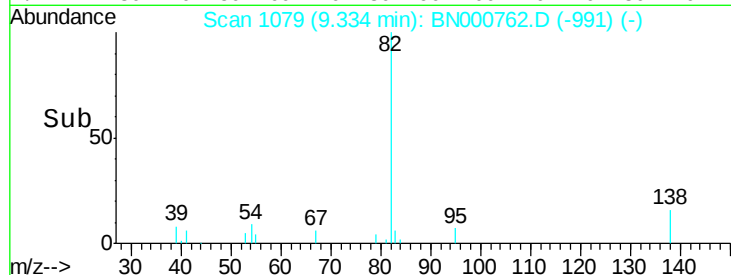
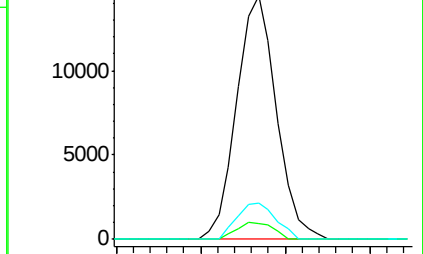
138 15.0 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN000762.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BN000762.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BN000762.D (-1072) (-)



#26

2-Nitrophenol

Concen: 1.243 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

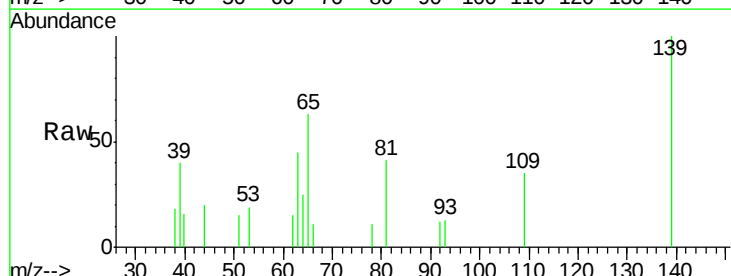
Tgt Ion: 139 Resp: 4843

Ion Ratio Lower Upper

139 100

109 34.9 24.2 36.2

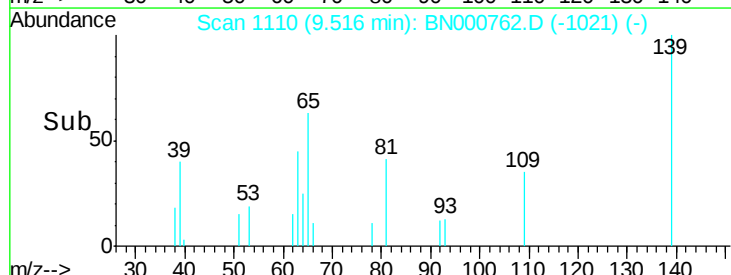
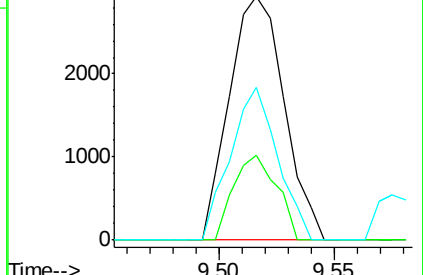
65 62.6 47.4 71.0

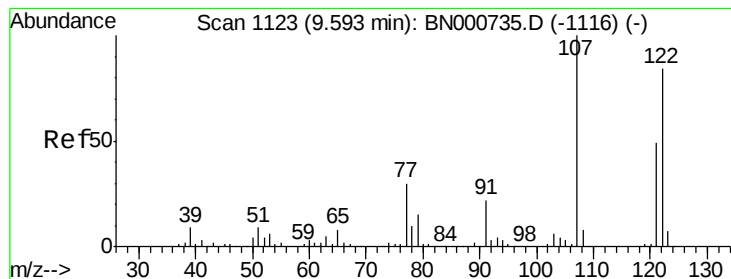


Abundance Ion 139.00 (138.70 to 139.70): BN000762.D (-1021) (-)

Ion 109.00 (108.70 to 109.70): BN000762.D (-1021) (-)

Ion 65.00 (64.70 to 65.70): BN000762.D (-1021) (-)





#27

2,4-Dimethylphenol

Concen: 1.514 ng

RT: 9.58 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

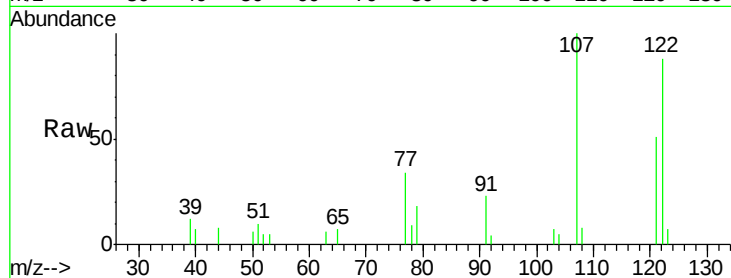
Tot Ion:122 Resp: 9630

Ion Ratio Lower Upper

122 100

107 113.5 100.2 150.2

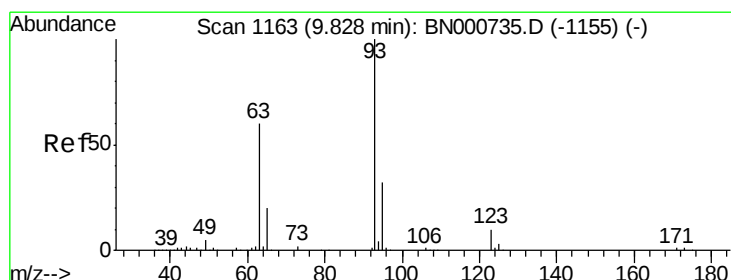
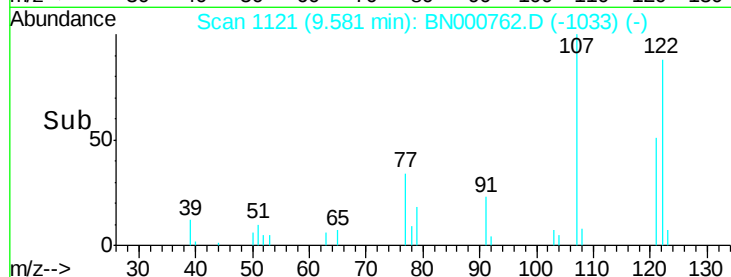
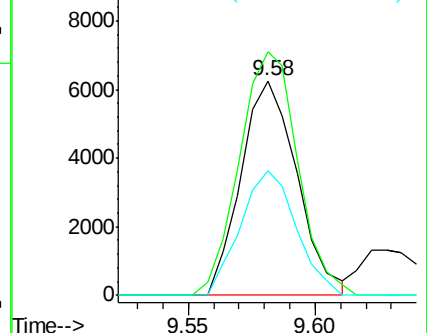
121 58.2 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 1.719 ng

RT: 9.82 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

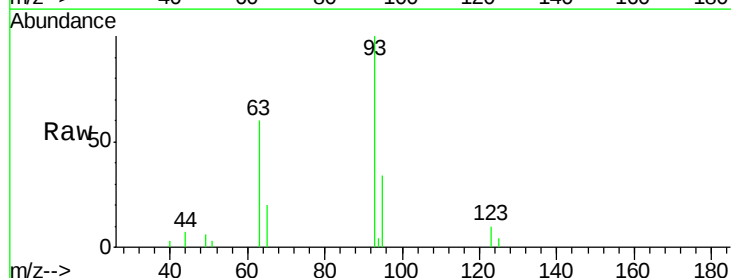
Tgt Ion: 93 Resp: 18012

Ion Ratio Lower Upper

93 100

95 33.6 24.3 36.5

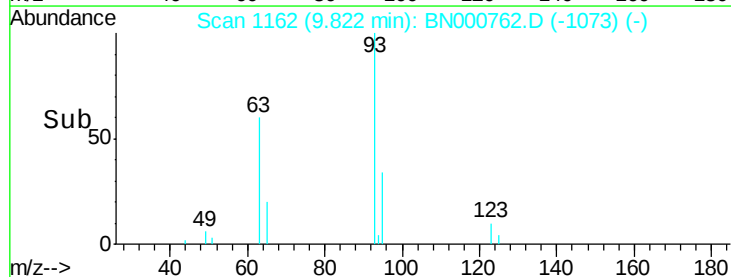
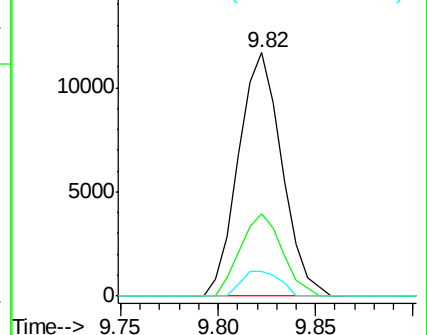
123 9.9 8.4 12.6

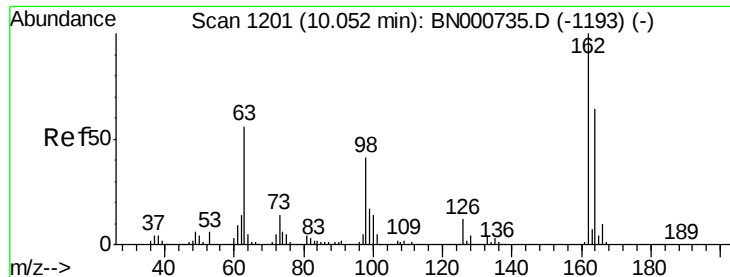


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 1.375 ng

RT: 10.05 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

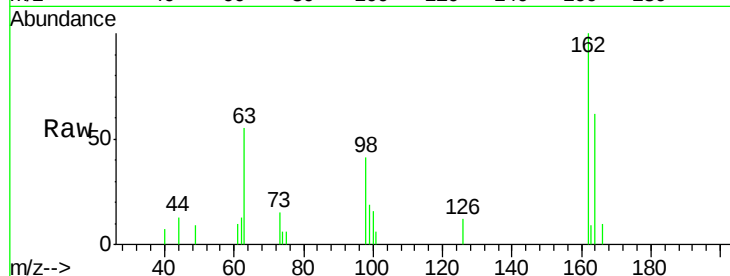
Tot Ion:162 Resp: 8612

Ion Ratio Lower Upper

162 100

164 61.8 48.0 88.0

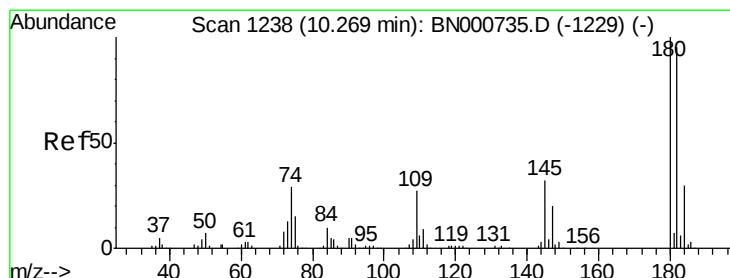
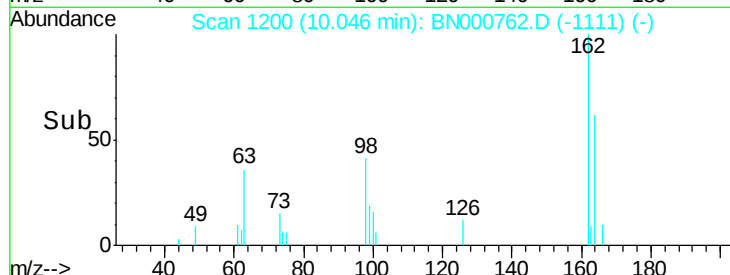
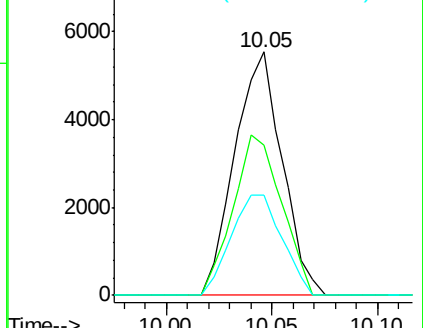
98 41.1 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30

1,2,4-Trichlorobenzene

Concen: 1.996 ng

RT: 10.26 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

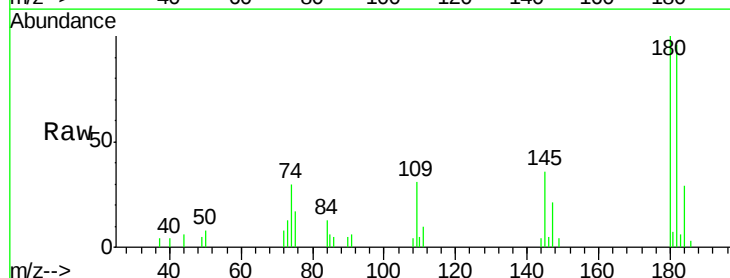
Tgt Ion:180 Resp: 15071

Ion Ratio Lower Upper

180 100

182 95.6 77.5 116.3

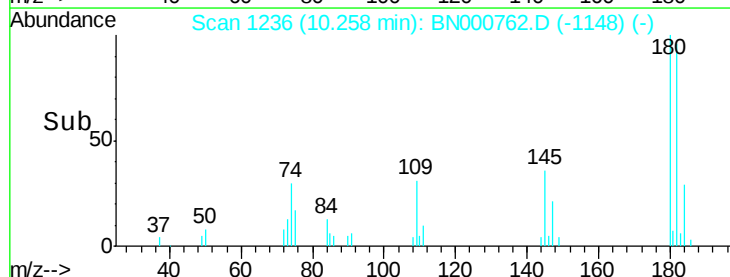
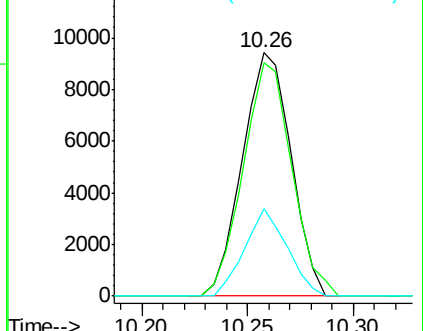
145 35.8 23.4 35.2#

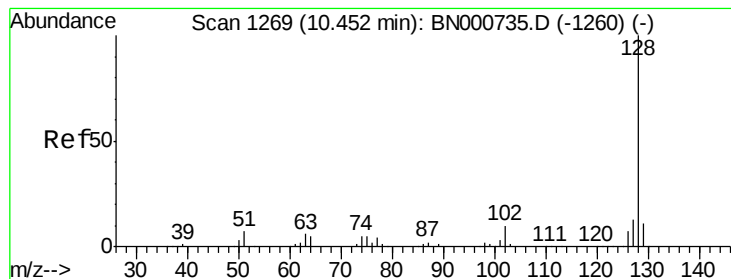


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 2.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument:

BNA_N

ClientSampleId:

MDL-WATER-03-QT2-2018

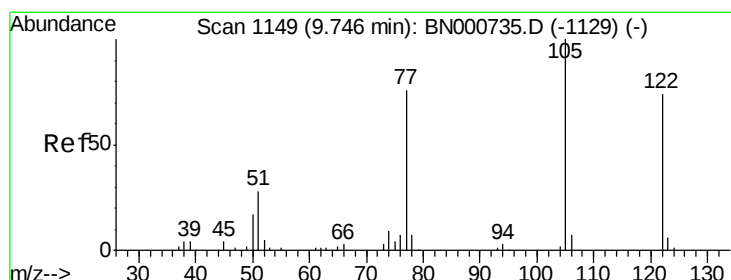
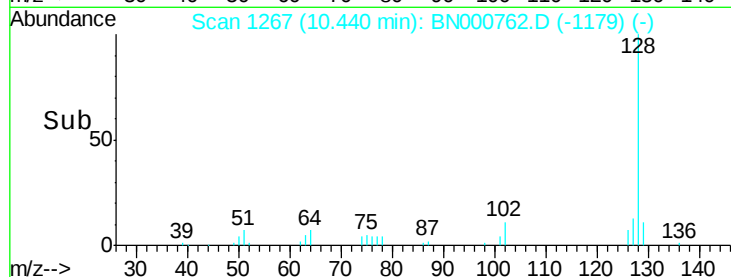
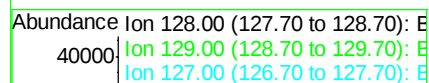
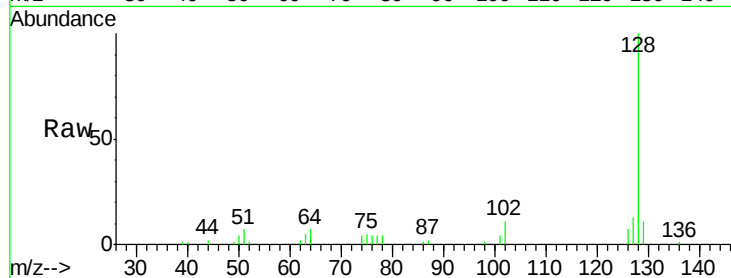
Tot Ion:128 Resp: 49723

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

127 12.7 11.6 17.4



#32

Benzoic acid

Concen: 4.997 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.12 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

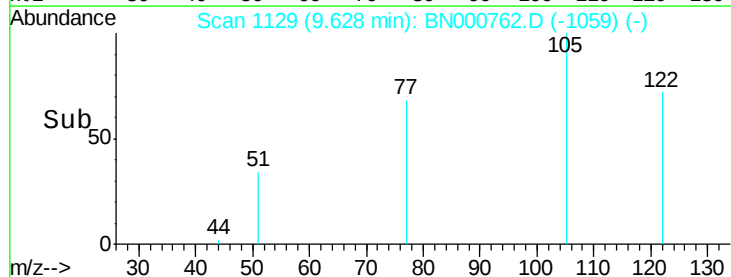
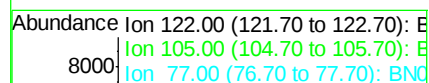
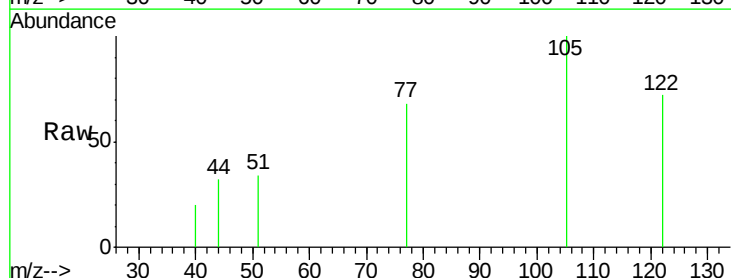
Tgt Ion:122 Resp: 2644

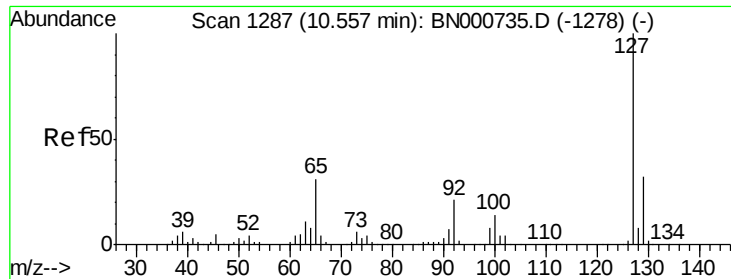
Ion Ratio Lower Upper

122 100

105 138.3 123.5 163.5

77 93.8 85.7 125.7

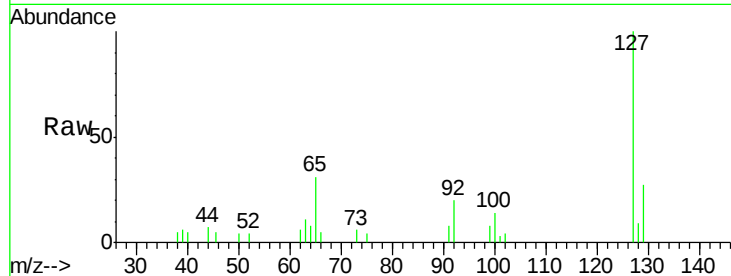




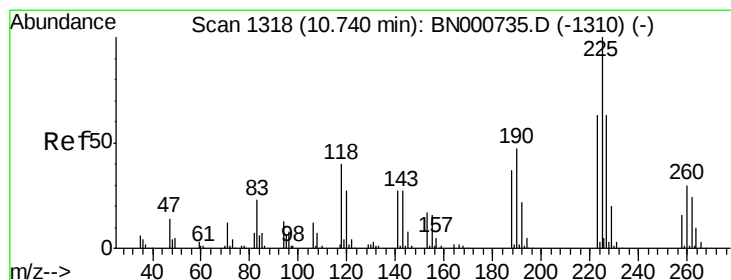
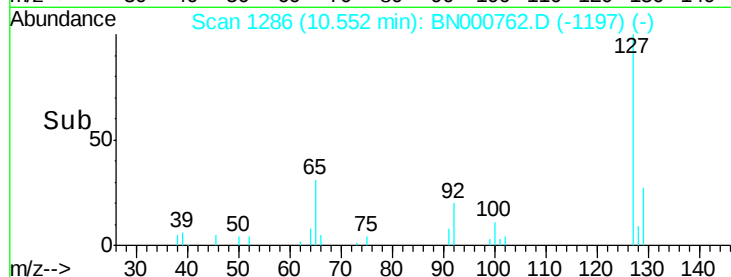
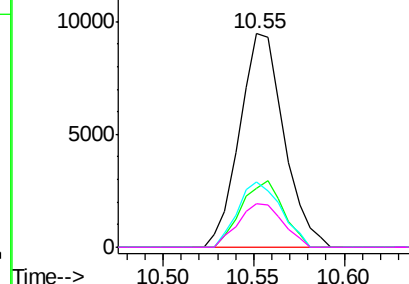
#33
4-Chloroaniline
Concen: 1.586 ng
RT: 10.55 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion:127	Resp:	16104
Ion Ratio	Lower	Upper
127	100	
129	27.4	24.0 36.0
65	30.8	27.0 40.4
92	20.4	16.6 25.0

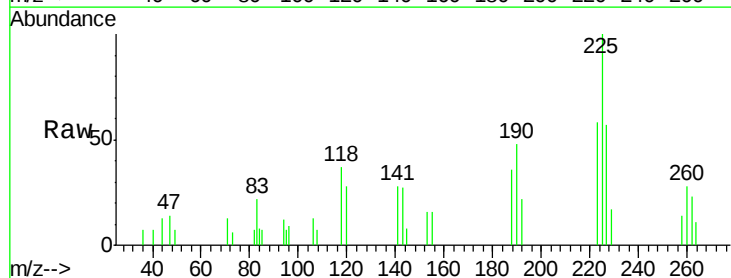


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

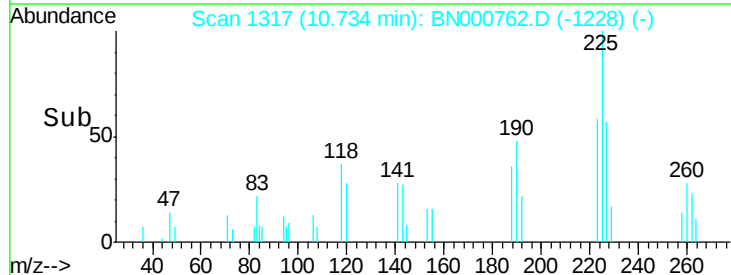
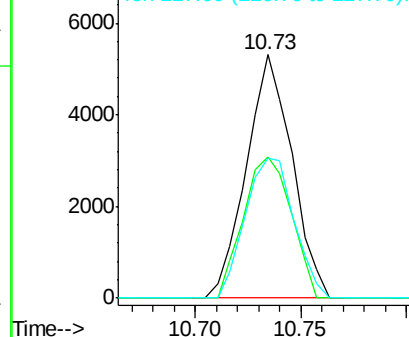


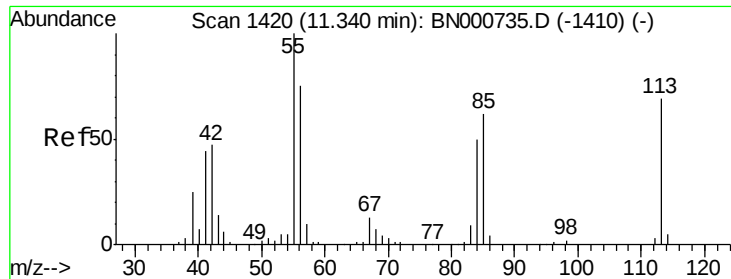
#34
Hexachlorobutadiene
Concen: 1.942 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion:225	Resp:	7966
Ion Ratio	Lower	Upper
225	100	
223	57.9	49.7 74.5
227	57.4	48.1 72.1



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

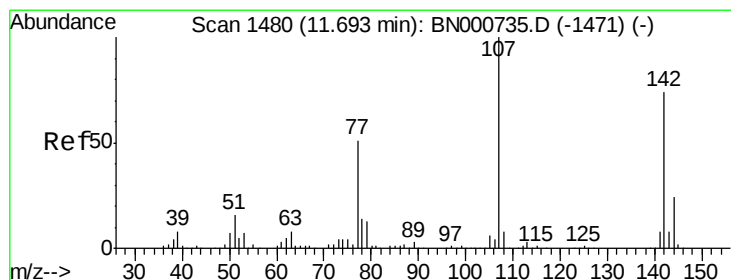
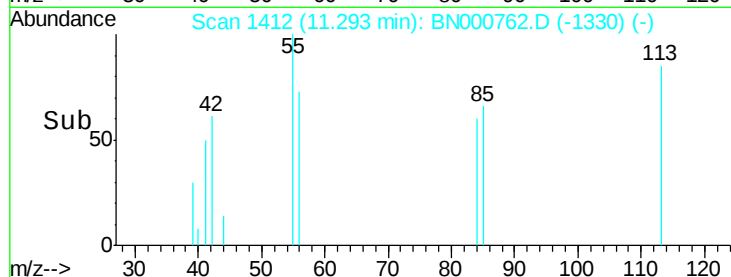
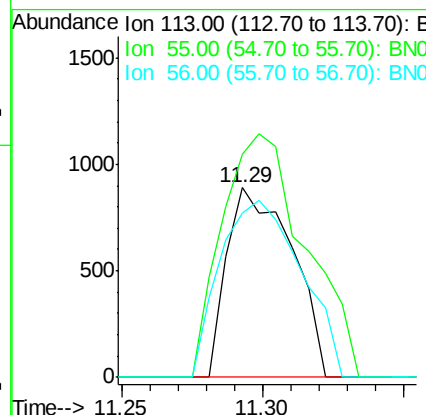
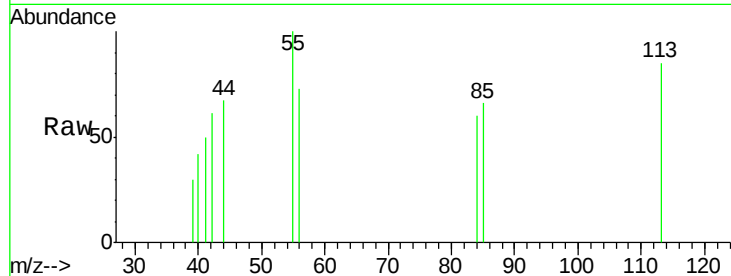




#35
 Caprolactam
 Concen: 0.656 ng
 RT: 11.29 min Scan# 1412
 Delta R.T. -0.05 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

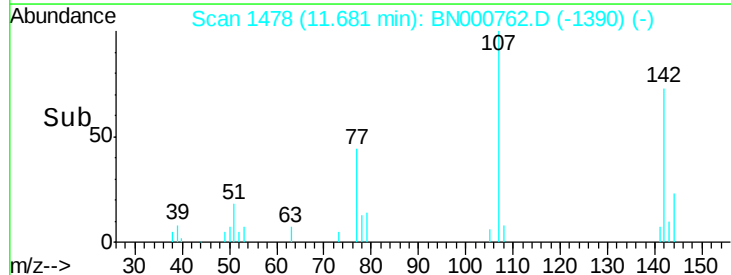
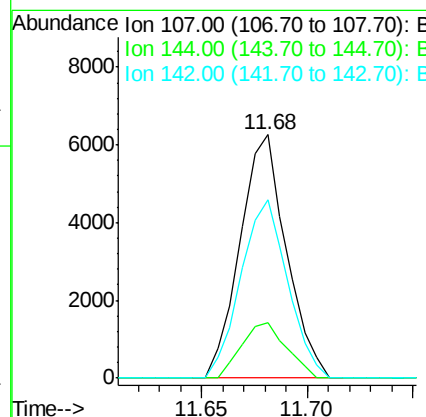
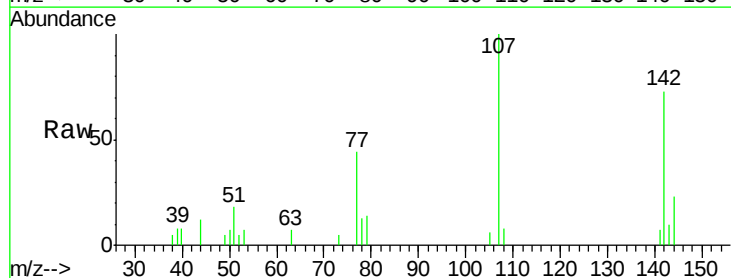
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

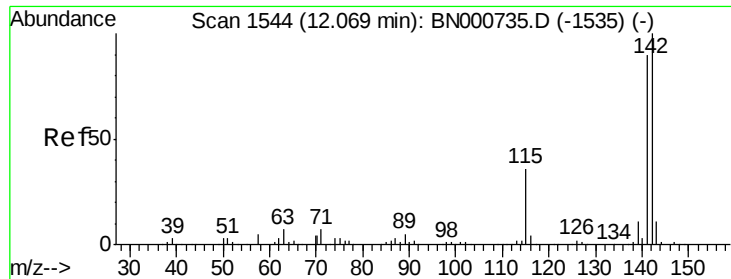
Tot Ion:113 Resp: 1422
 Ion Ratio Lower Upper
 113 100
 55 118.1 120.0 160.0#
 56 86.5 90.0 130.0#



#36
 4-Chloro-3-methylphenol
 Concen: 1.286 ng
 RT: 11.68 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Tgt Ion:107 Resp: 9511
 Ion Ratio Lower Upper
 107 100
 144 22.9 18.2 27.4
 142 73.3 59.0 88.4

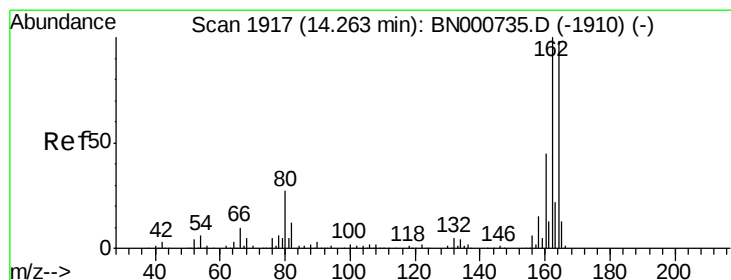
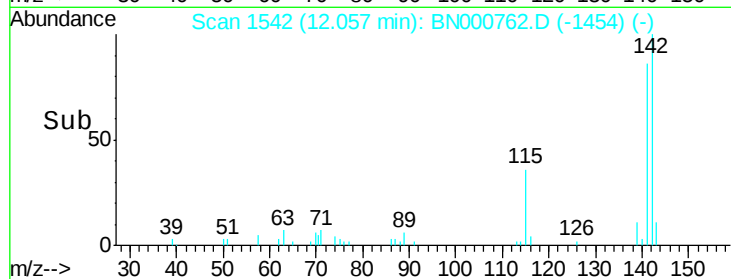
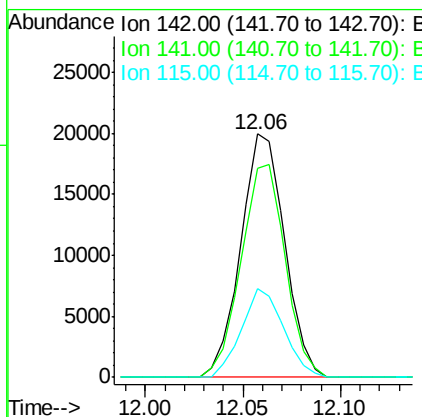
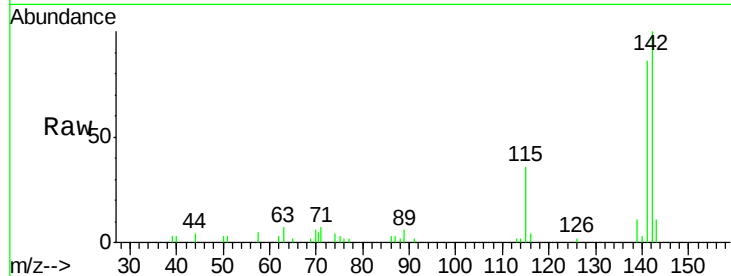




#37
 2-Methylnaphthalene
 Concen: 1.912 ng
 RT: 12.06 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

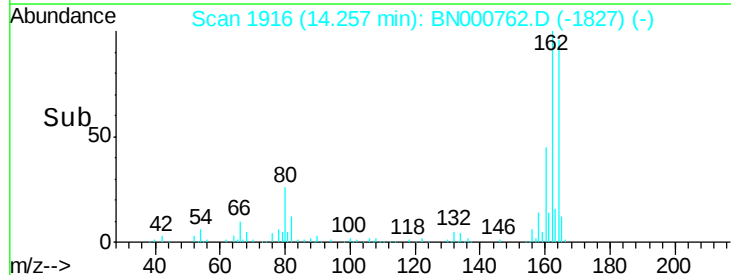
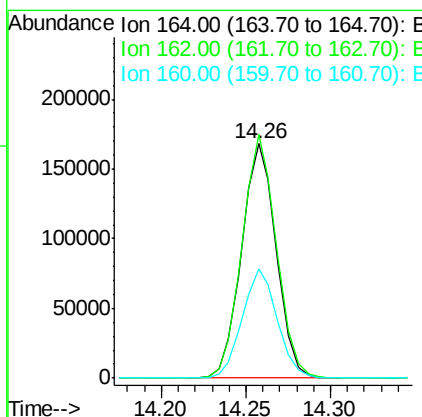
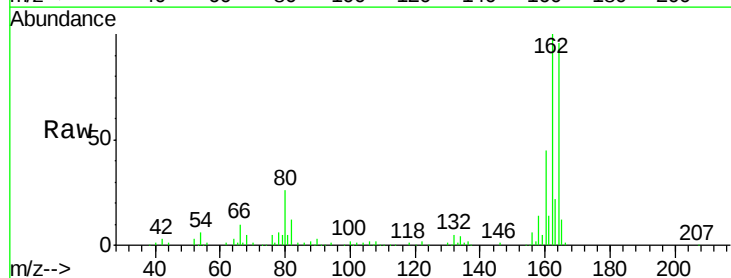
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

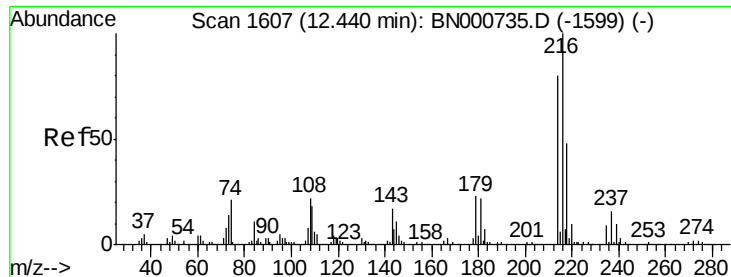
Tot Ion:142 Resp: 31144
 Ion Ratio Lower Upper
 142 100
 141 86.0 67.1 100.7
 115 36.5 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Tgt Ion:164 Resp: 238651
 Ion Ratio Lower Upper
 164 100
 162 103.8 78.8 118.2
 160 46.4 35.4 53.0

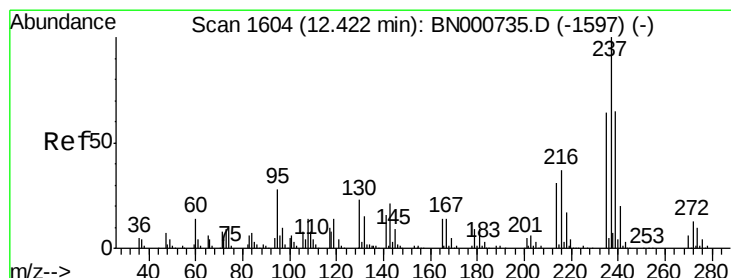
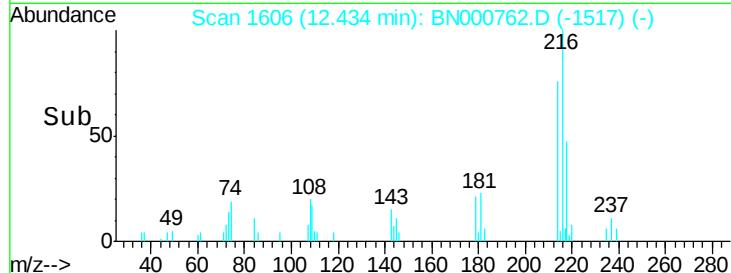
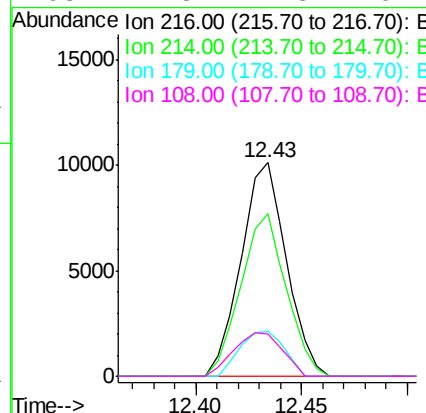
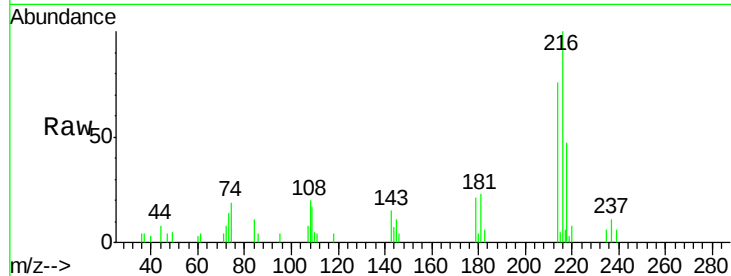




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.036 ng
 RT: 12.43 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

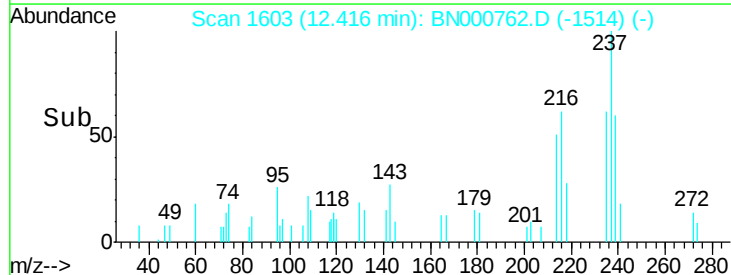
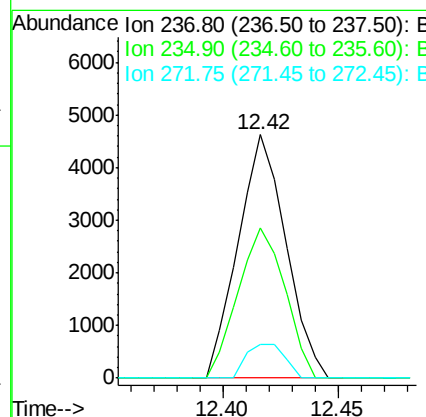
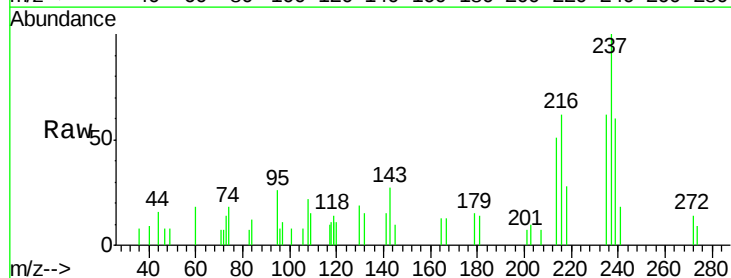
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

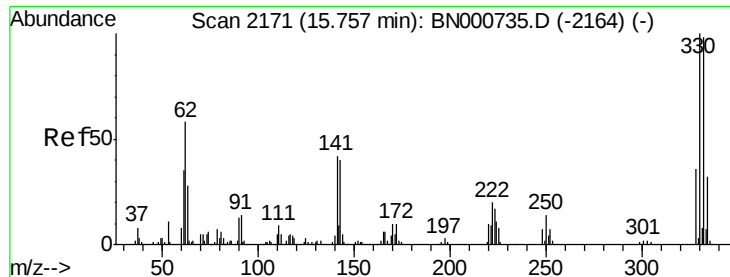
Tot Ion:216	Resp:	15066
Ion Ratio	Lower	Upper
216	100	
214	76.0	63.0 94.4
179	20.7	17.0 25.6
108	21.8	12.8 19.2#



#40
 Hexachlorocyclopentadiene
 Concen: 1.536 ng
 RT: 12.42 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Tgt Ion:237	Resp:	6665
Ion Ratio	Lower	Upper
237	100	
235	61.5	50.4 90.4
272	13.6	0.0 31.8

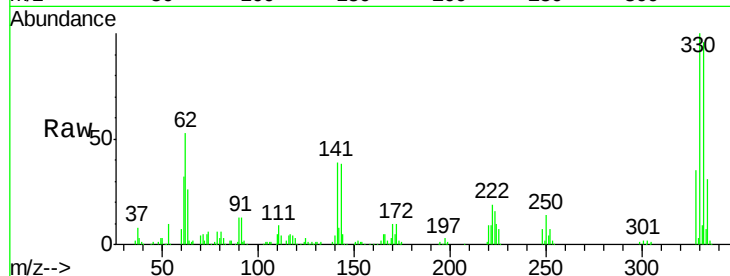




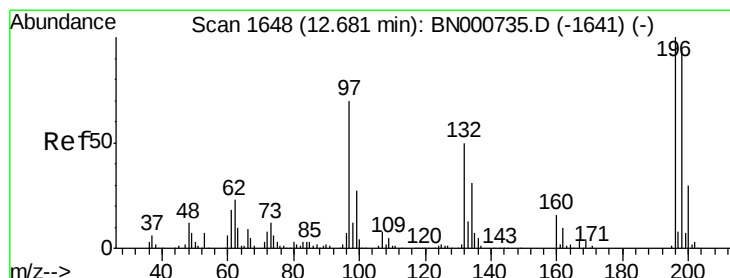
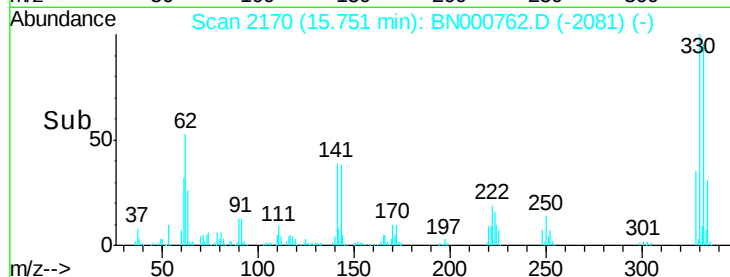
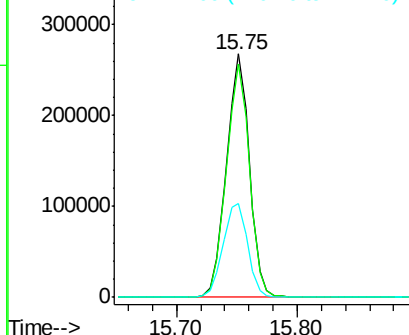
#41
 2,4,6-Tribromophenol
 Concen: 147.675 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion:330 Resp: 354793
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 40.9 25.2 37.8#

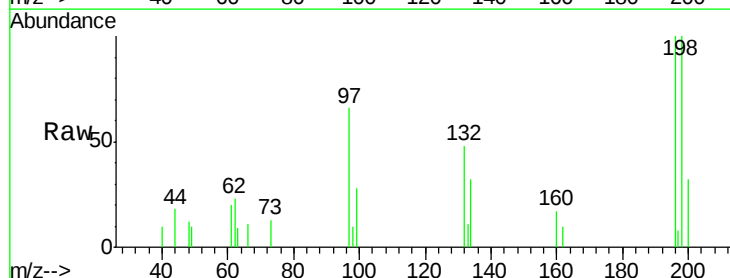


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

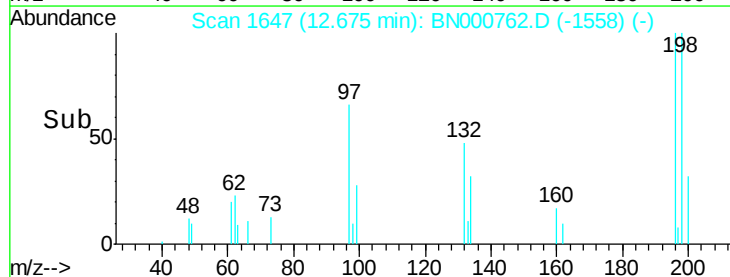
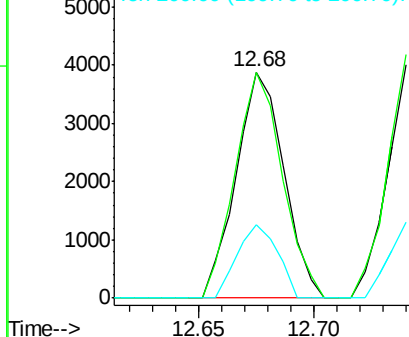


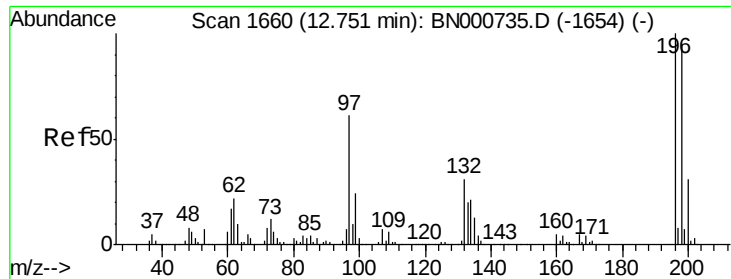
#42
 2,4,6-Trichlorophenol
 Concen: 1.247 ng
 RT: 12.68 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Tgt Ion:196 Resp: 5597
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.2 117.2
 200 32.2 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

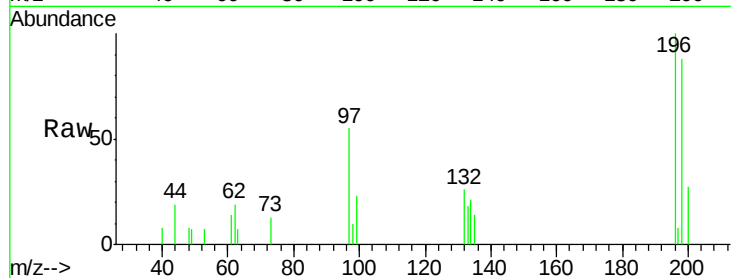




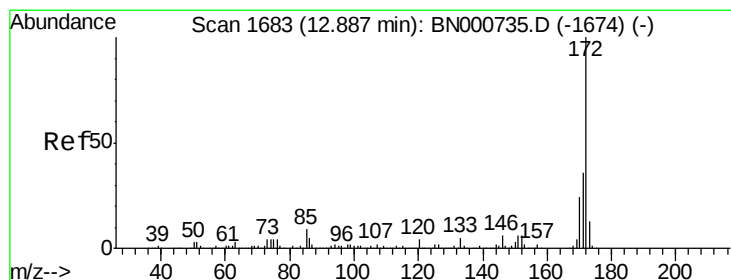
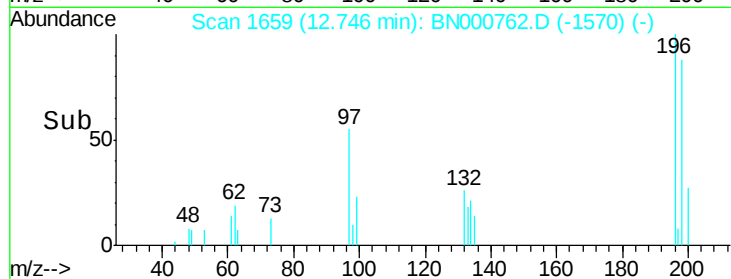
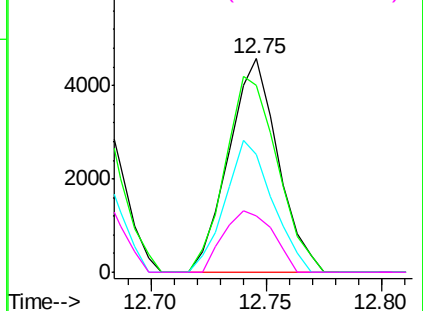
#43
 2,4,5-Trichlorophenol
 Concen: 1.316 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion:196 Resp: 6824
 Ion Ratio Lower Upper
 196 100
 198 87.8 76.2 114.4
 97 55.0 38.7 58.1
 132 26.4 20.2 30.2

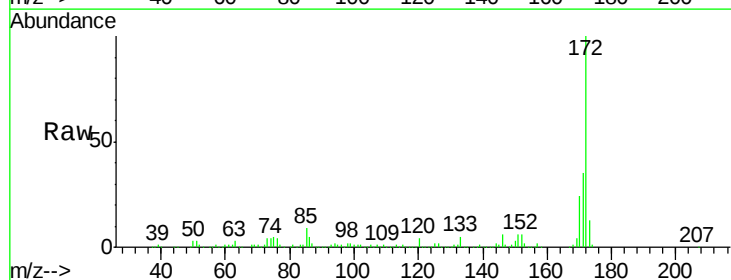


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

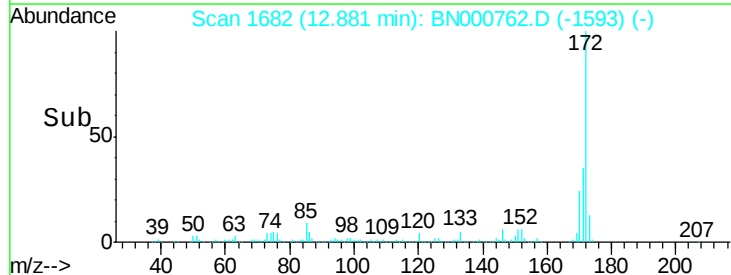
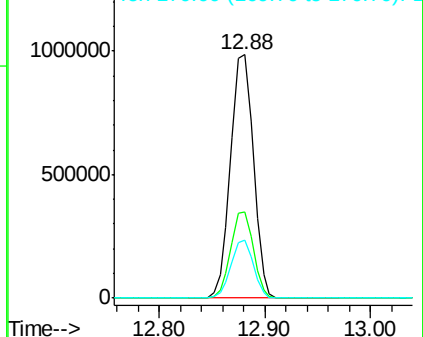


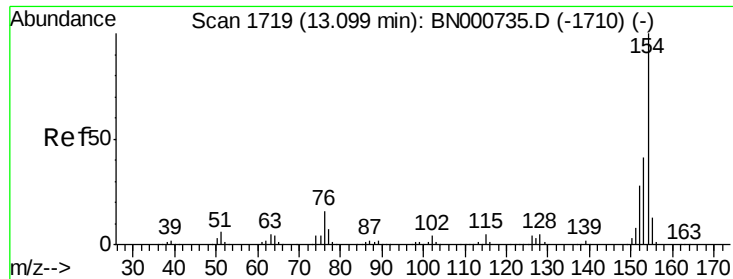
#44
 2-Fluorobiphenyl
 Concen: 85.284 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Tgt Ion:172 Resp: 1474365
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.0 45.0
 170 23.6 19.5 29.3



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

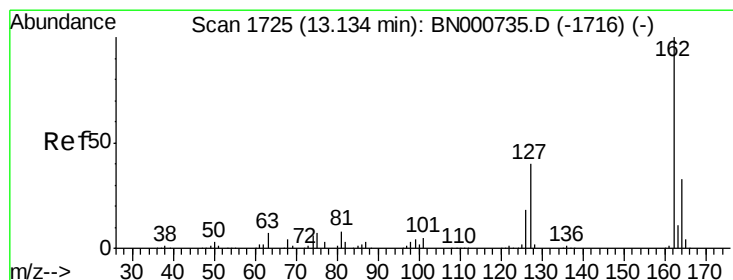
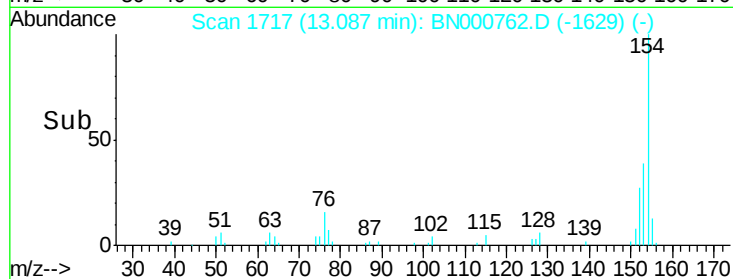
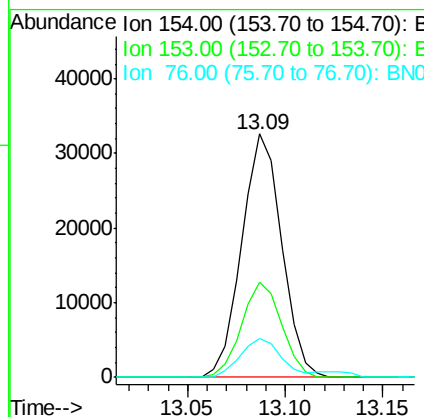
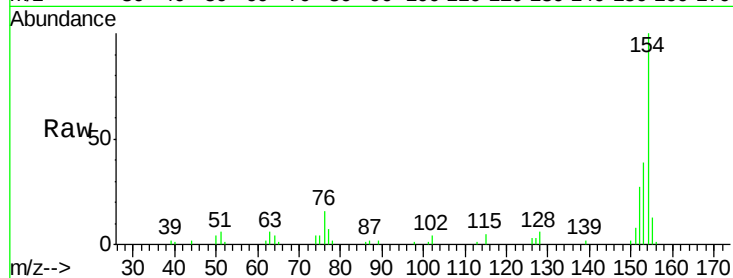




#45
 1,1'-Biphenyl
 Concen: 2.167 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

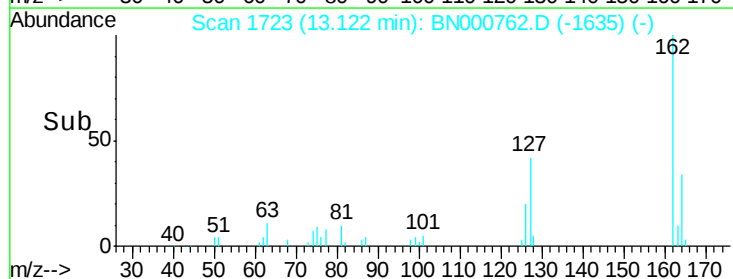
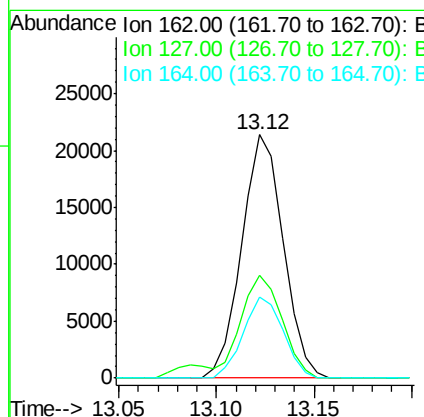
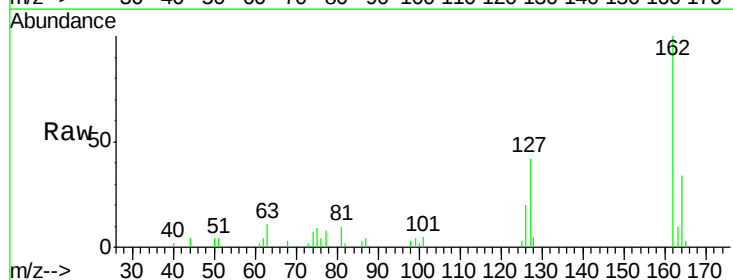
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

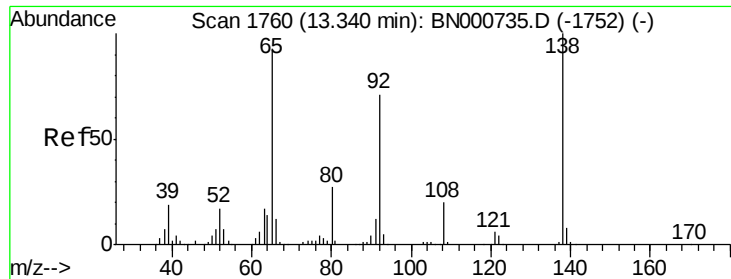
Tot Ion:154 Resp: 46280
 Ion Ratio Lower Upper
 154 100
 153 39.3 19.8 59.8
 76 16.2 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 1.973 ng
 RT: 13.12 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Tgt Ion:162 Resp: 31599
 Ion Ratio Lower Upper
 162 100
 127 42.5 30.7 46.1
 164 33.5 26.0 39.0

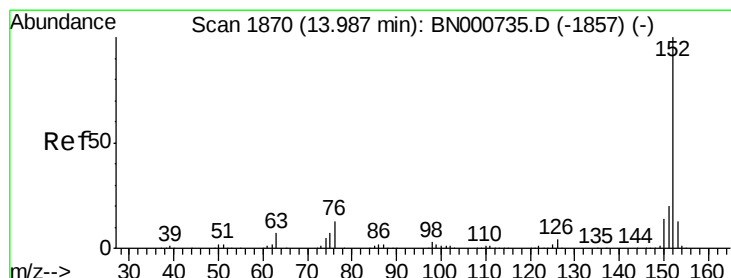
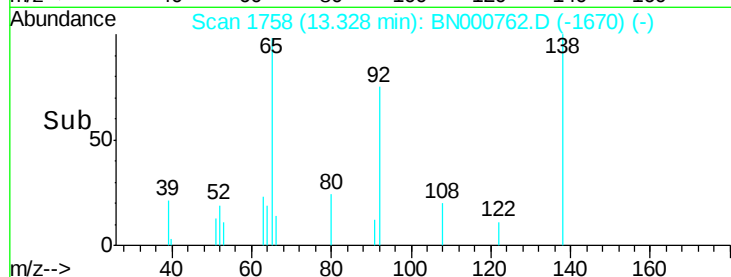
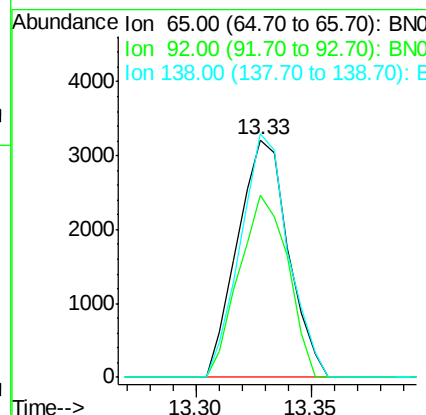
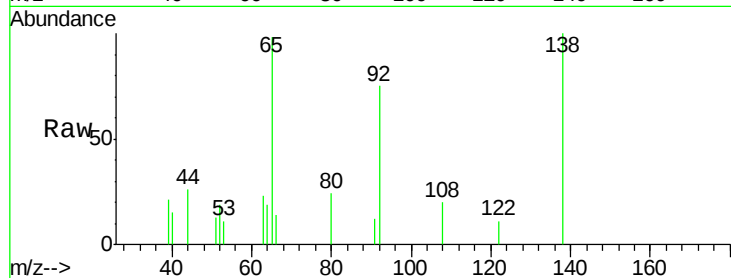




#47
2-Nitroaniline
Concen: 1.059 ng
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

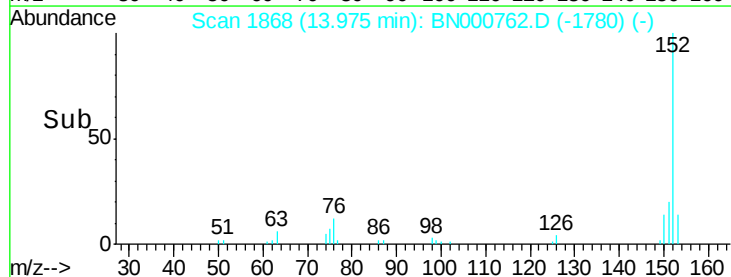
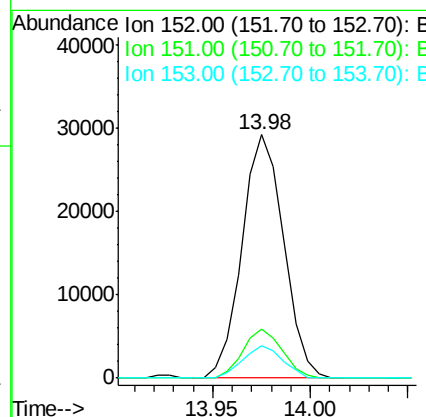
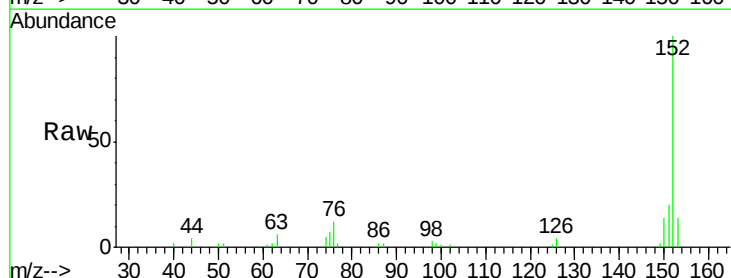
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

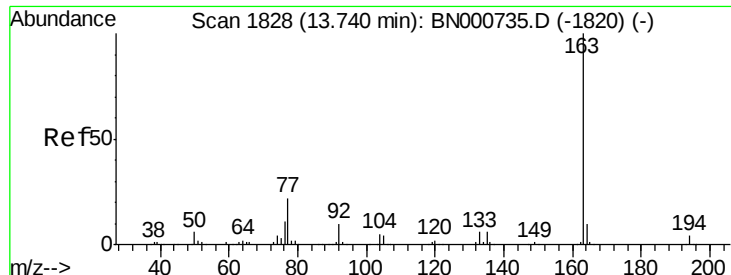
Tot Ion: 65 Resp: 4921
Ion Ratio Lower Upper
65 100
92 76.5 54.6 82.0
138 102.4 72.9 109.3



#48
Acenaphthylene
Concen: 1.698 ng
RT: 13.98 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion: 152 Resp: 43115
Ion Ratio Lower Upper
152 100
151 20.1 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 1.709 ng

RT: 13.72 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

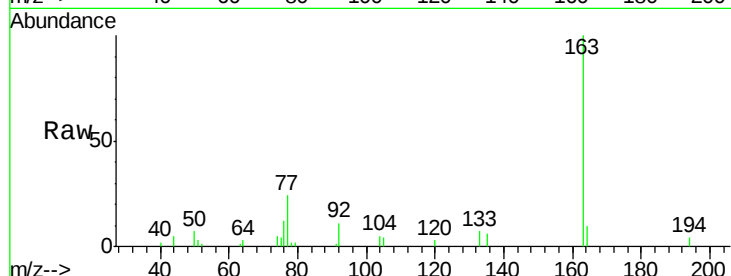
Tot Ion:163 Resp: 32600

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

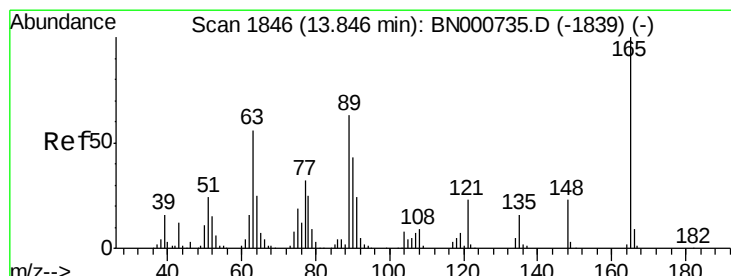
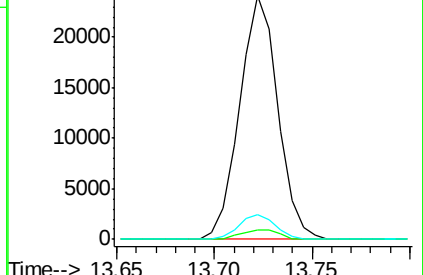
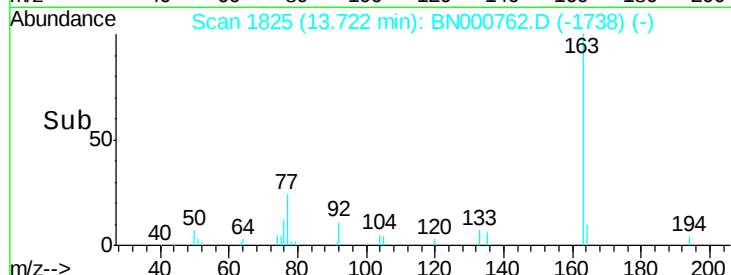
164 10.4 8.2 12.4



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: 1.163 ng

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

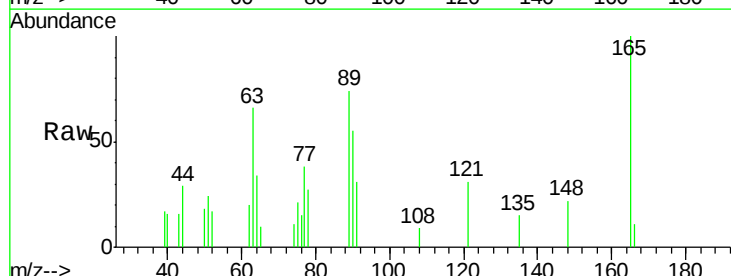
Tgt Ion:165 Resp: 4697

Ion Ratio Lower Upper

165 100

63 66.0 52.7 79.1

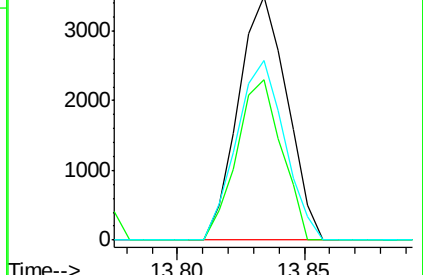
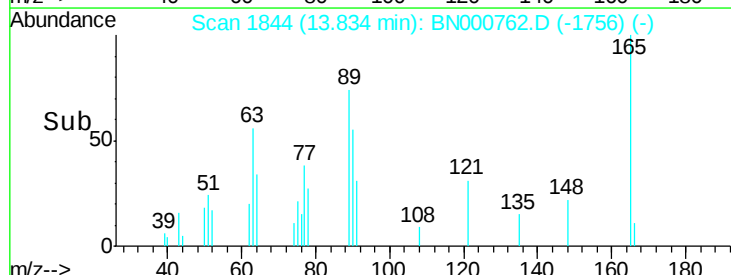
89 73.7 49.2 73.8

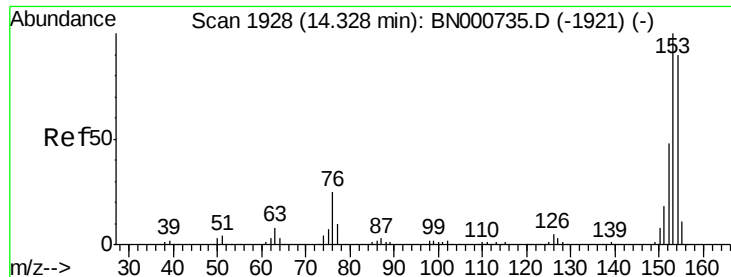


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 1.971 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

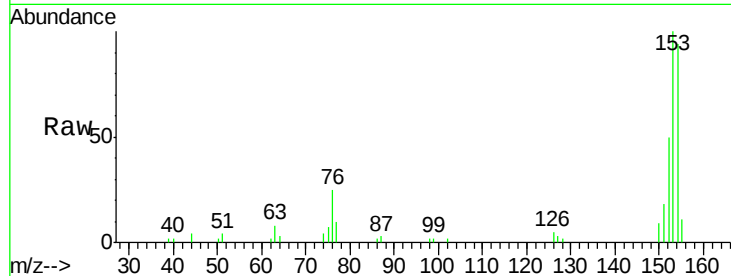
Tot Ion:154 Resp: 30497

Ion Ratio Lower Upper

154 100

153 106.9 90.4 135.6

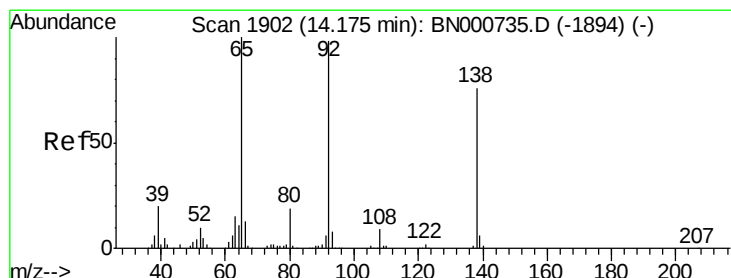
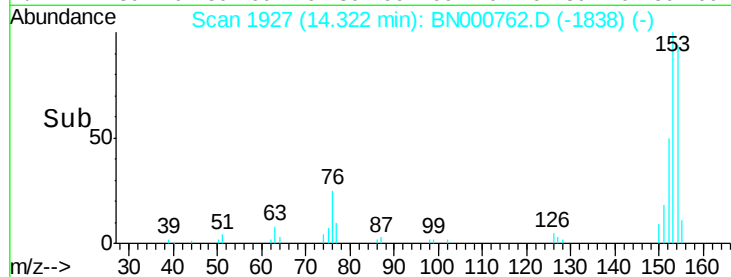
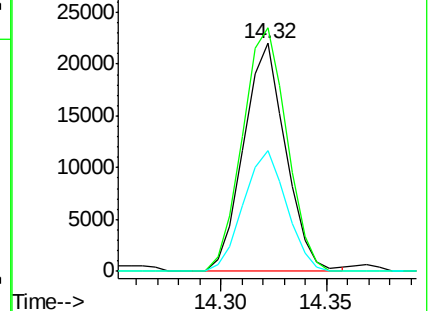
152 53.0 41.6 62.4



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: 1.004 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

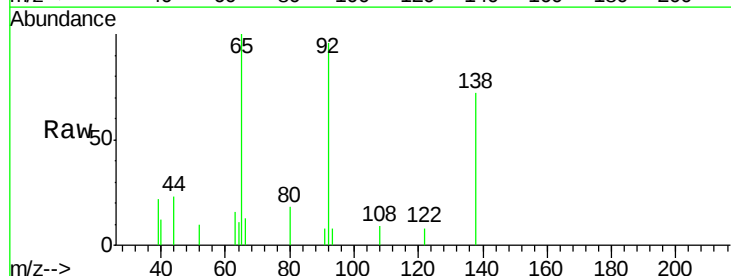
Tgt Ion:138 Resp: 4617

Ion Ratio Lower Upper

138 100

108 12.3 17.5 26.3#

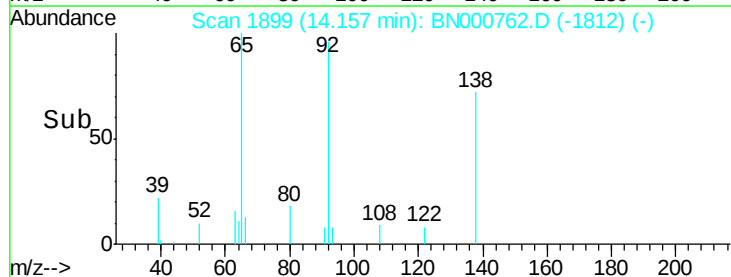
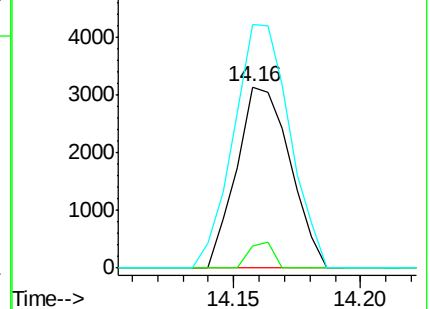
92 134.1 105.8 158.8

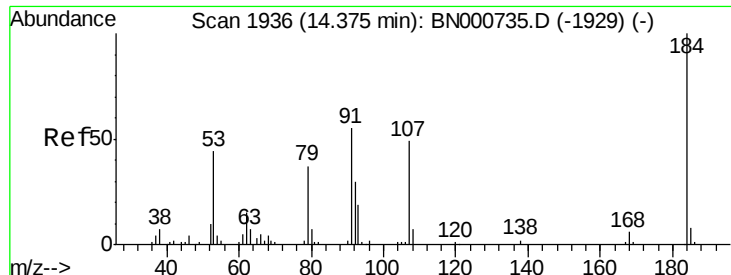


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

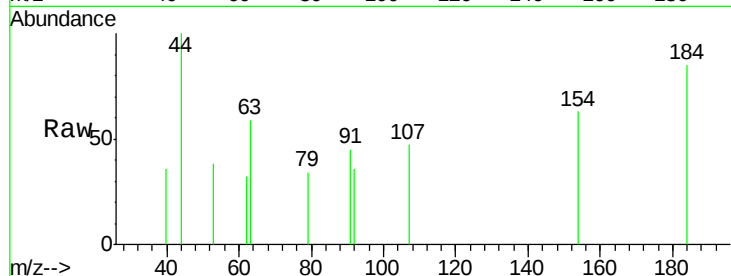




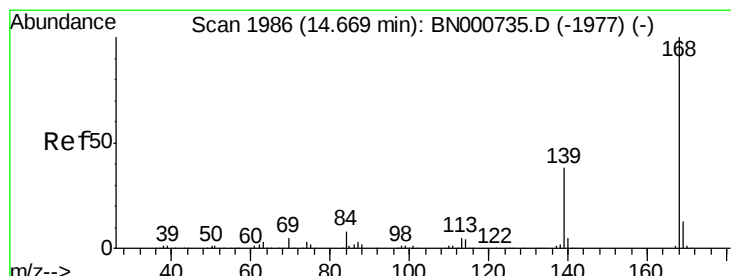
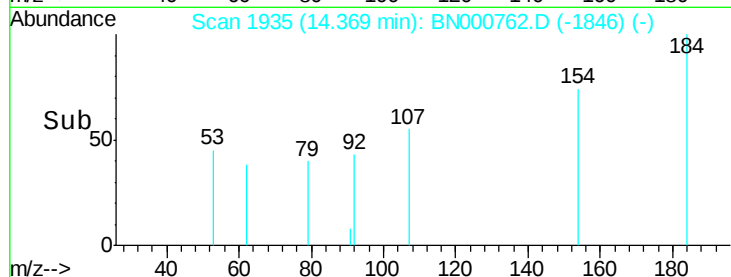
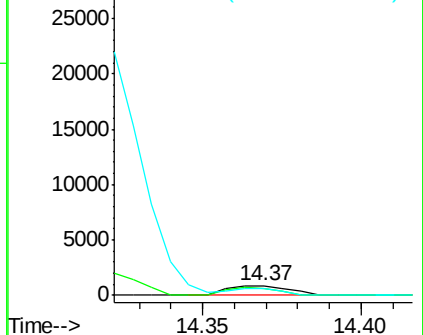
#53
 2,4-Dinitrophenol
 Concen: 6.210 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion:184 Resp: 1168
 Ion Ratio Lower Upper
 184 100
 63 68.9 56.0 84.0
 154 73.7 48.0 72.0#

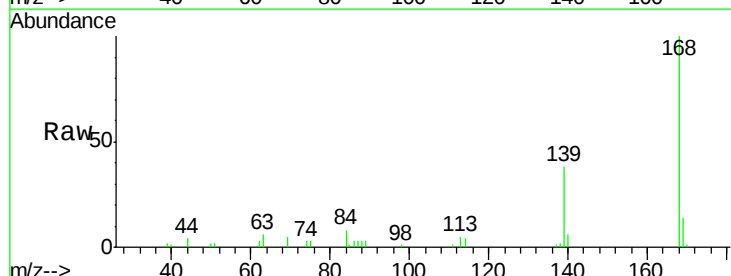


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

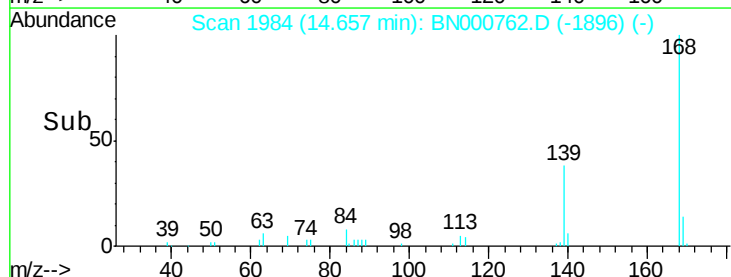
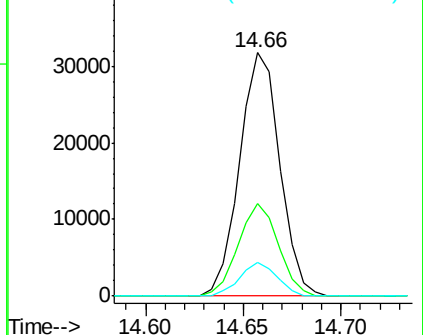


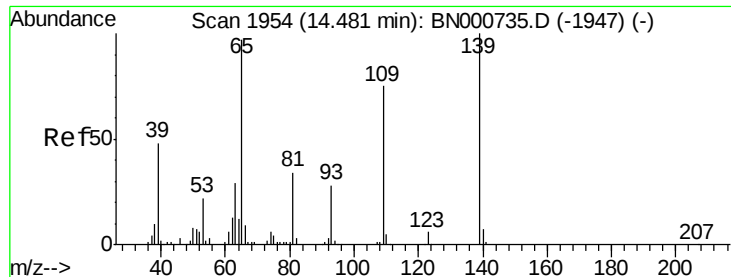
#54
 Dibenzofuran
 Concen: 2.008 ng
 RT: 14.66 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Tgt Ion:168 Resp: 45237
 Ion Ratio Lower Upper
 168 100
 139 38.2 28.6 43.0
 169 13.9 11.2 16.8



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





#55

4-Nitrophenol

Concen: 0.687 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

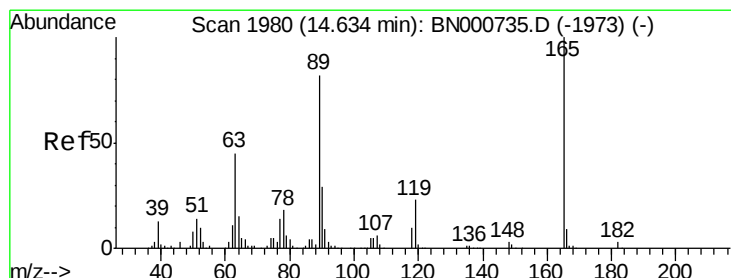
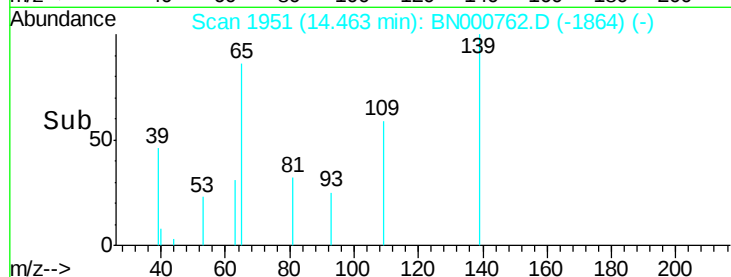
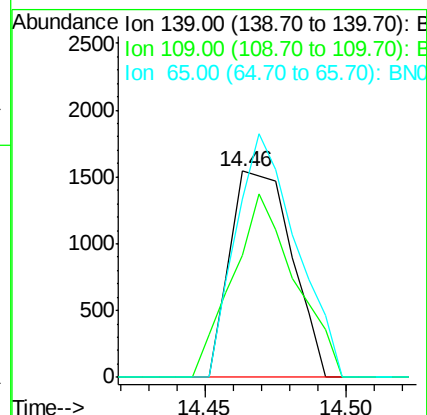
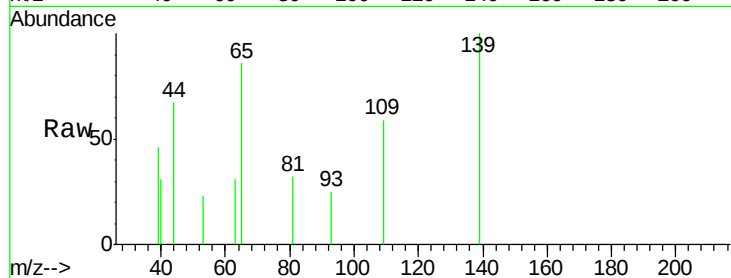
Tot Ion:139 Resp: 2345

Ion Ratio Lower Upper

139 100

109 59.2 62.2 102.2#

65 86.3 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 1.001 ng

RT: 14.62 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Tgt Ion:165 Resp: 5296

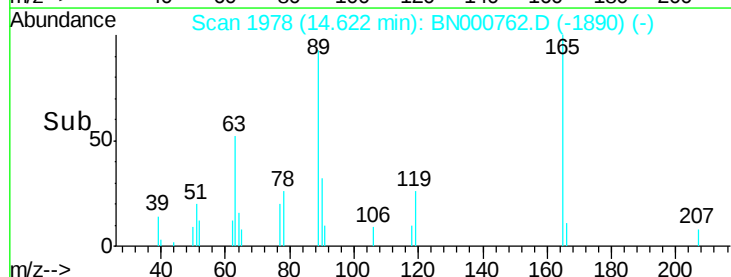
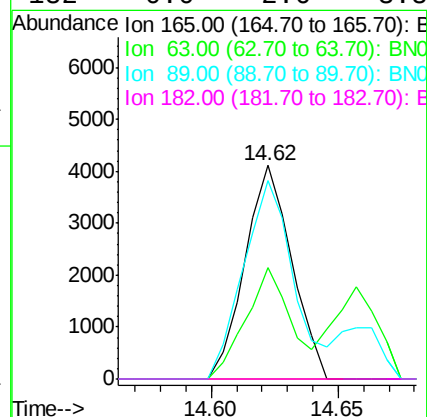
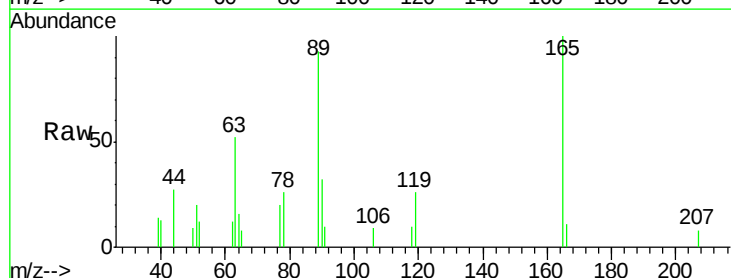
Ion Ratio Lower Upper

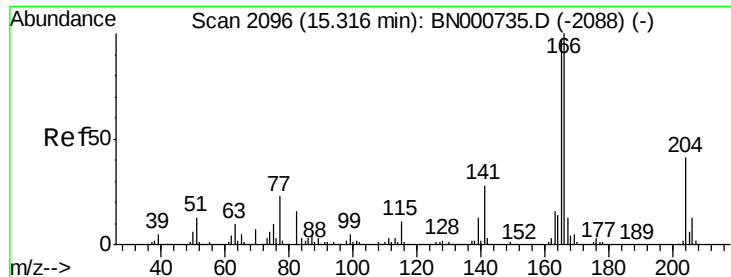
165 100

63 52.3 42.0 63.0

89 93.0 66.9 100.3

182 0.0 2.6 3.8#

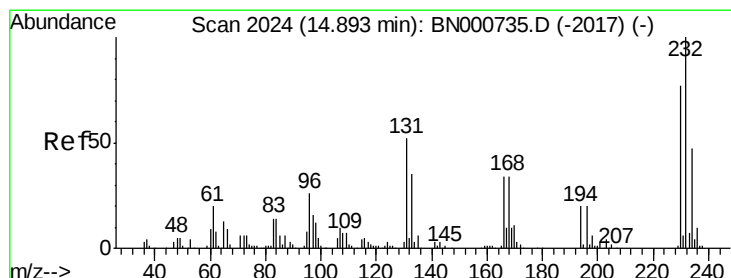
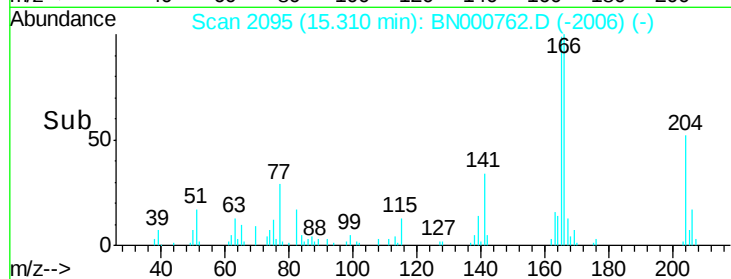
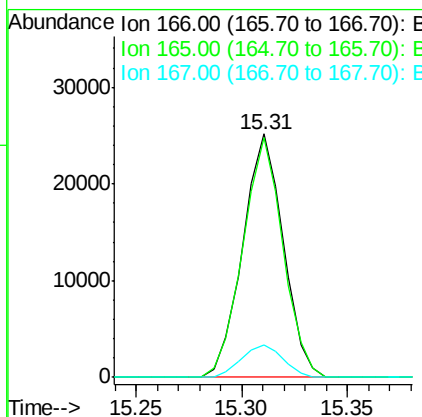
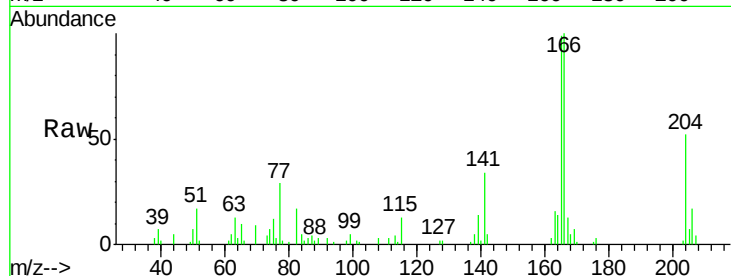




#57
Fluorene
 Concen: 1.883 ng
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

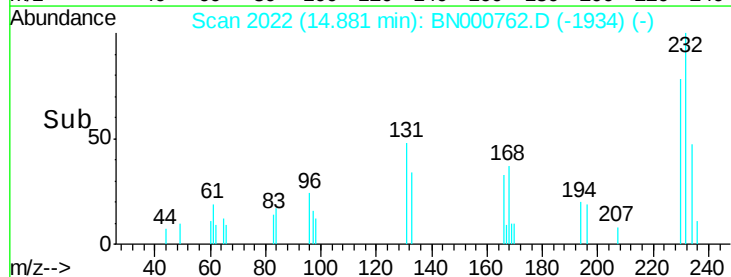
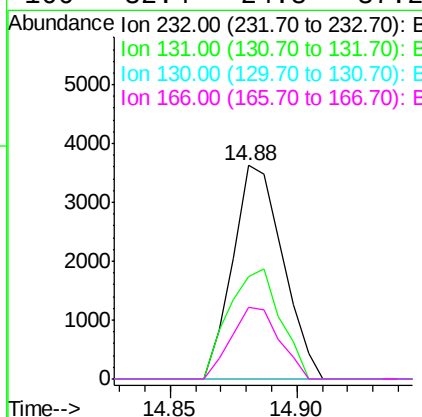
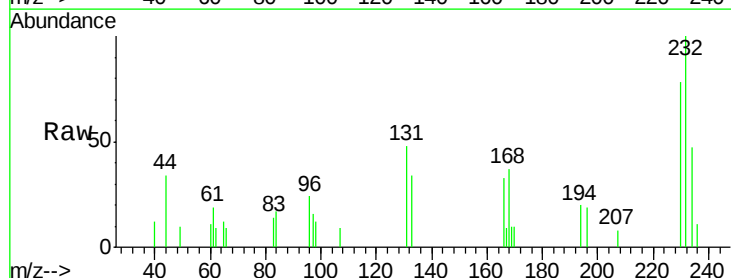
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

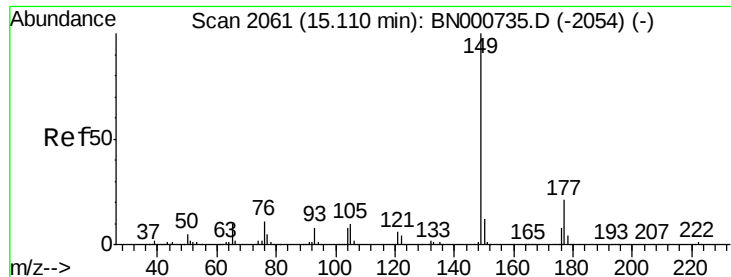
Tot Ion:166 Resp: 33536
 Ion Ratio Lower Upper
 166 100
 165 98.7 80.6 121.0
 167 13.1 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 1.248 ng
 RT: 14.88 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Tgt Ion:232 Resp: 4974
 Ion Ratio Lower Upper
 232 100
 131 52.9 33.5 50.3#
 130 0.0 2.2 3.2#
 166 32.4 24.8 37.2

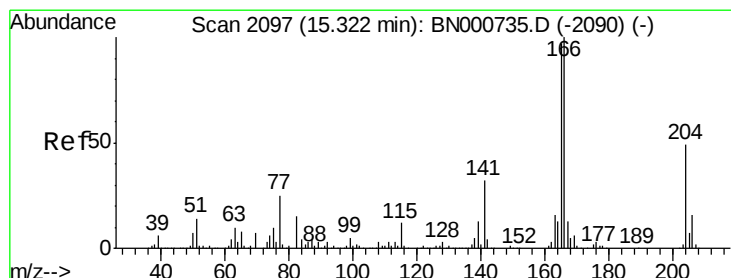
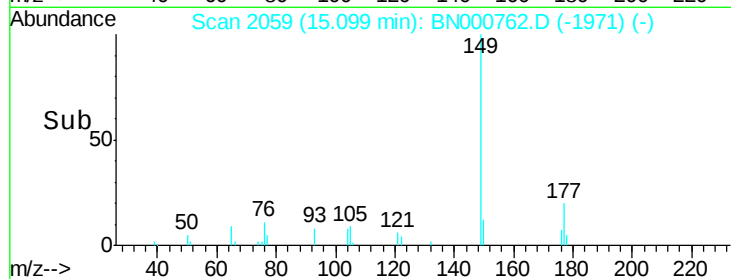
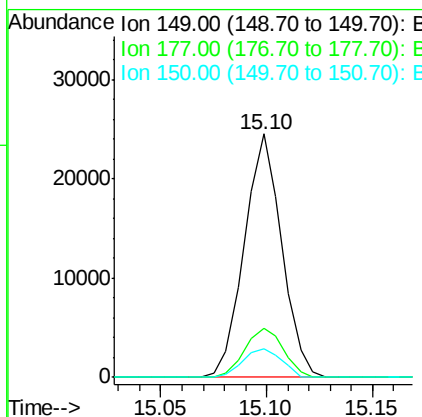
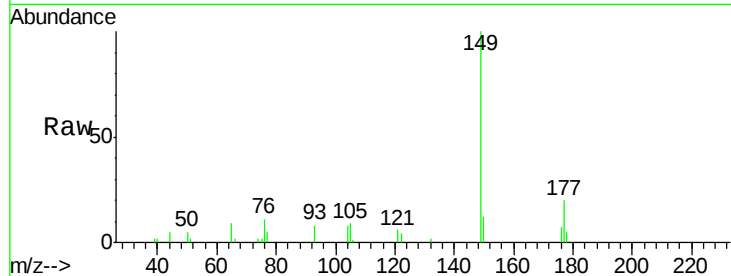




#59
Diethylphthalate
Concen: 1.594 ng
RT: 15.10 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

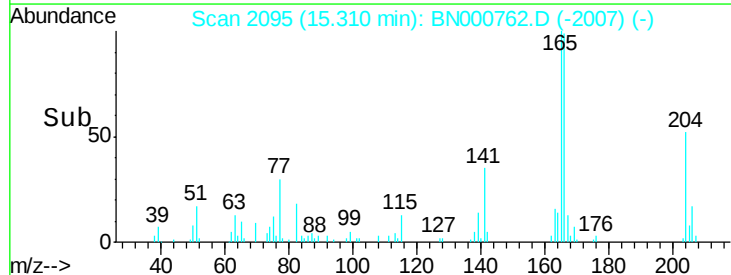
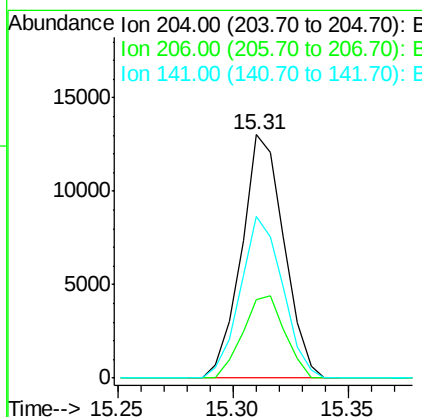
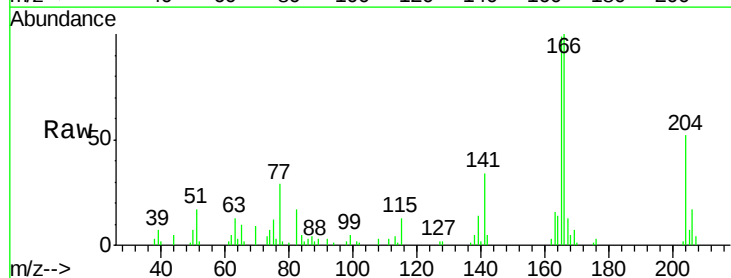
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

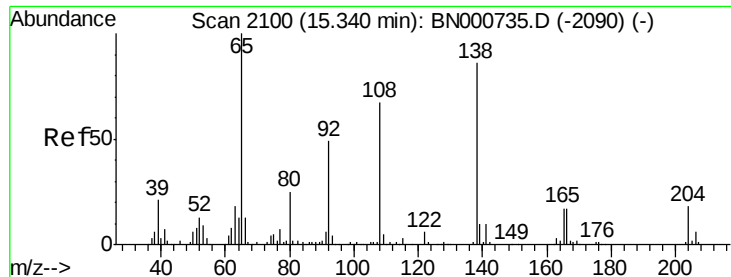
Tot Ion:149 Resp: 30121
Ion Ratio Lower Upper
149 100
177 20.0 18.5 27.7
150 11.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 2.010 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion:204 Resp: 16737
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 66.4 45.8 68.6

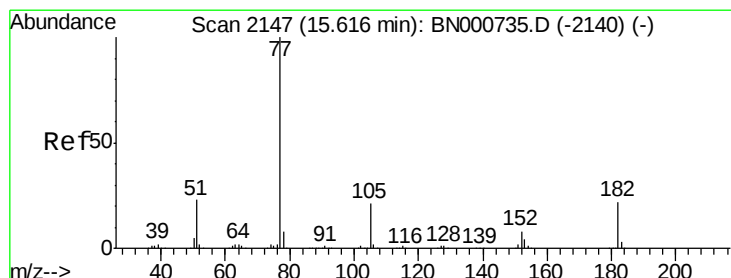
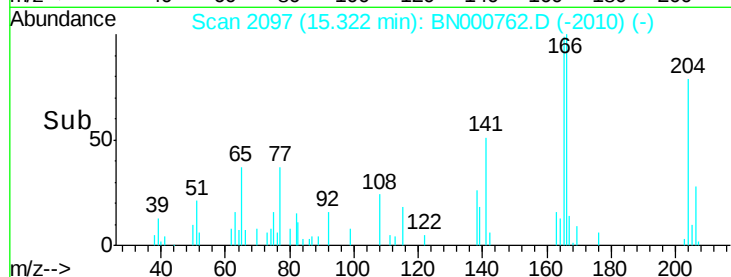
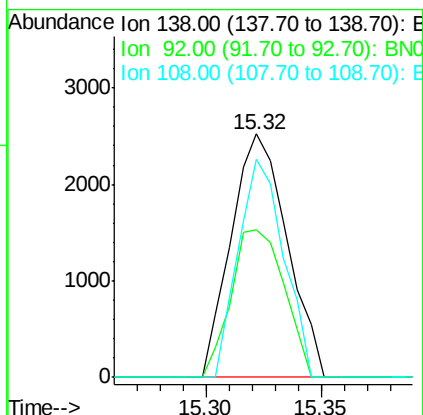
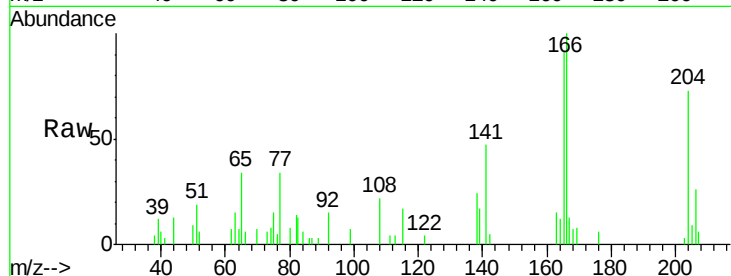




#61
4-Nitroaniline
Concen: 0.938 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

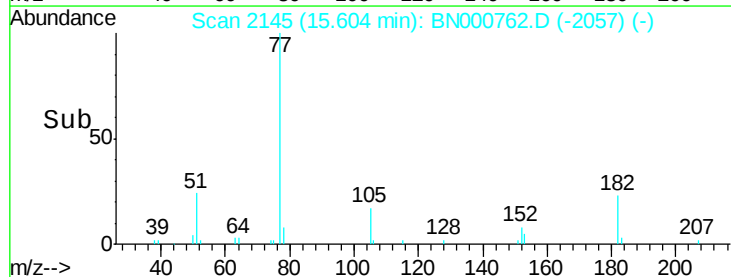
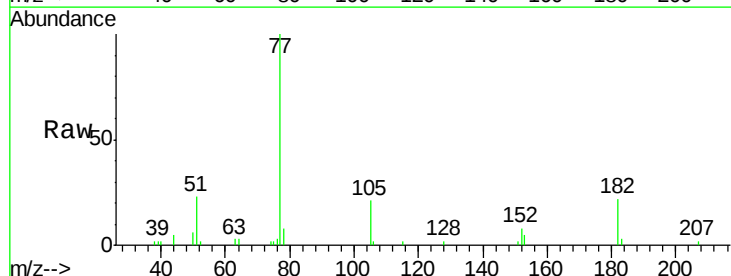
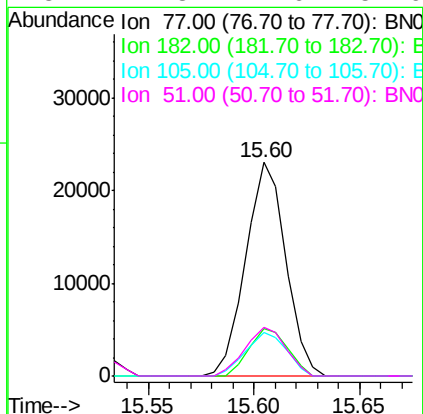
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

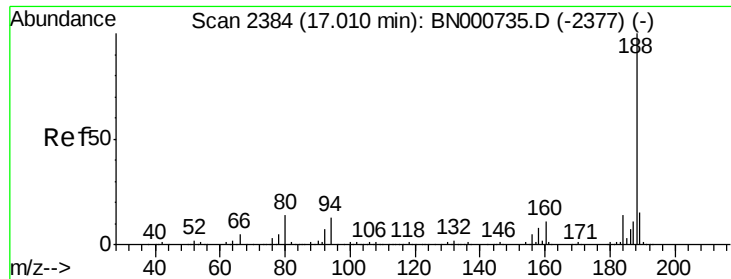
Tot Ion:138 Resp: 4244
Ion Ratio Lower Upper
138 100
92 60.7 40.1 80.1
108 89.4 65.4 105.4



#62
Azobenzene
Concen: 1.503 ng
RT: 15.60 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion: 77 Resp: 30422
Ion Ratio Lower Upper
77 100
182 22.1 7.4 47.4
105 20.6 0.3 40.3
51 22.8 11.6 51.6

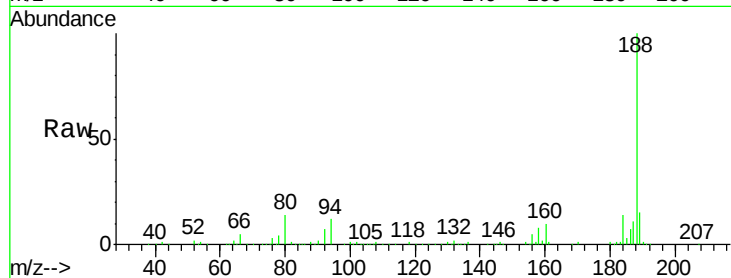




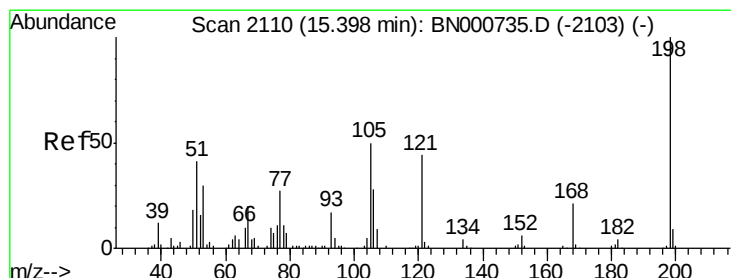
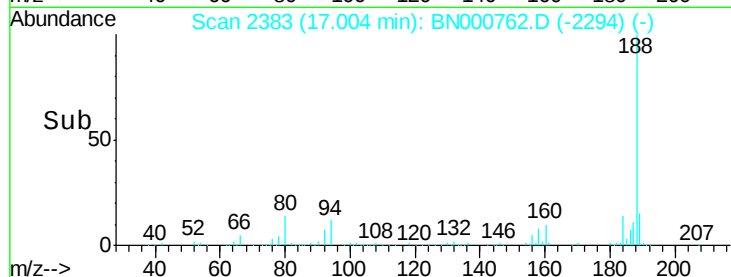
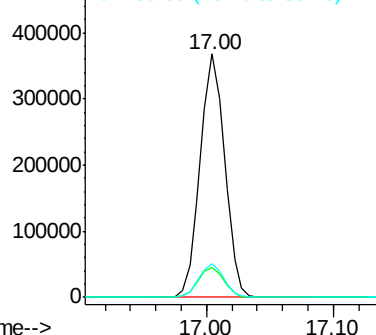
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion:188 Resp: 493783
Ion Ratio Lower Upper
188 100
94 12.5 6.9 10.3#
80 13.7 7.7 11.5#

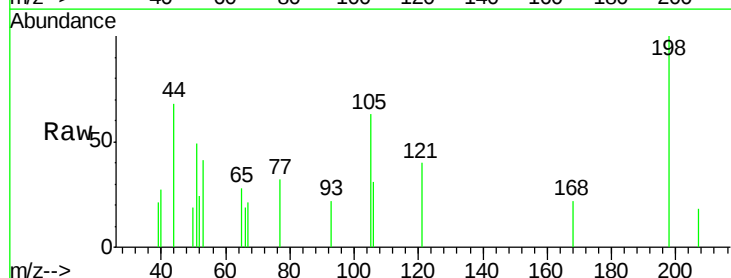


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

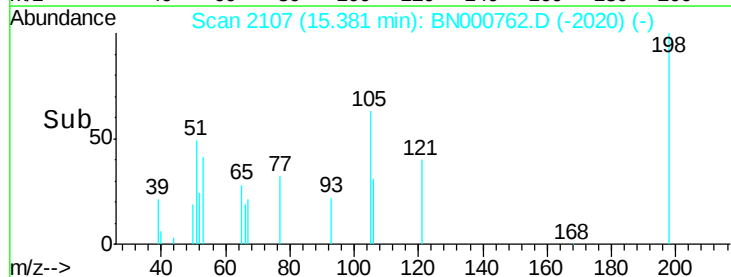
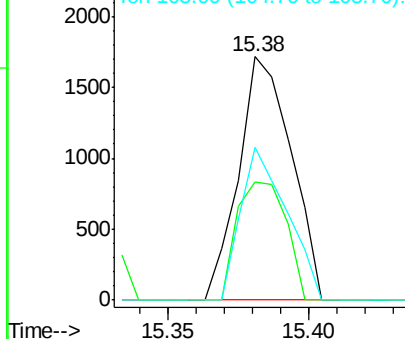


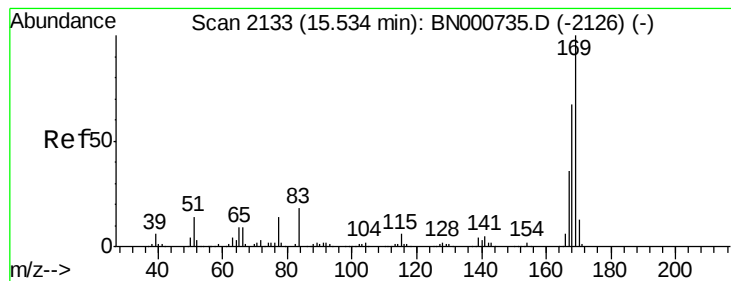
#64
4,6-Dinitro-2-methylphenol
Concen: 0.726 ng
RT: 15.38 min Scan# 2107
Delta R.T. -0.02 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion:198 Resp: 2214
Ion Ratio Lower Upper
198 100
51 48.6 30.6 70.6
105 62.9 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BNC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 1.577 ng

RT: 15.53 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

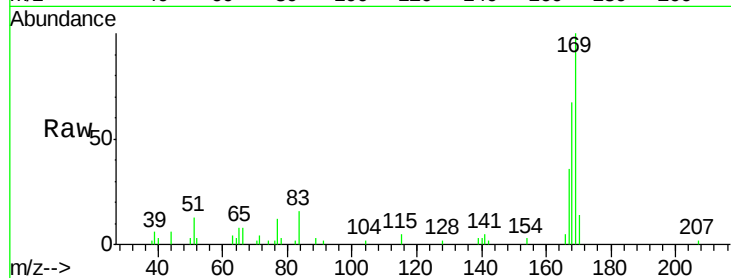
Tot Ion:169 Resp: 26146

Ion Ratio Lower Upper

169 100

168 66.9 55.7 83.5

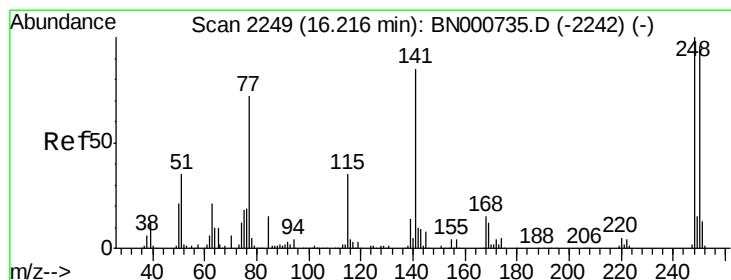
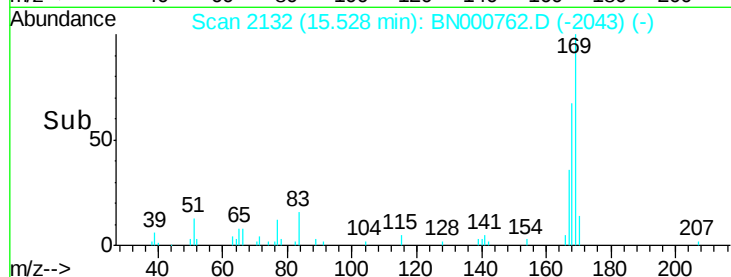
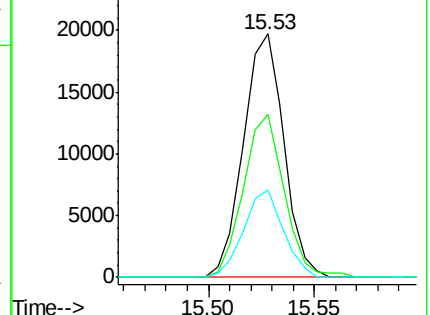
167 35.9 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 1.730 ng

RT: 16.20 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

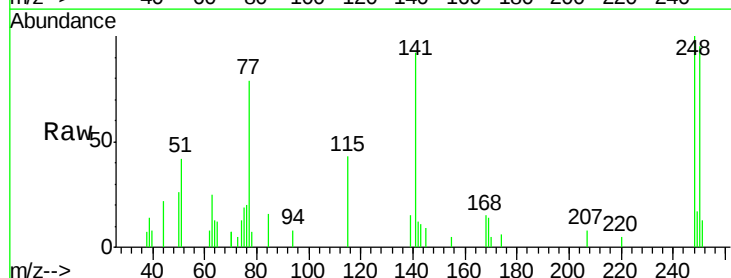
Tgt Ion:248 Resp: 8681

Ion Ratio Lower Upper

248 100

250 94.5 77.1 115.7

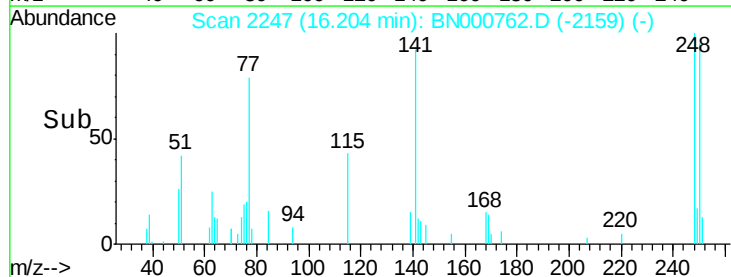
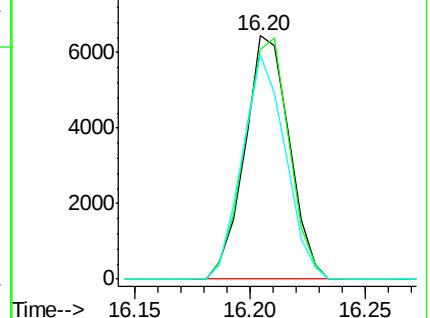
141 92.1 50.8 76.2#

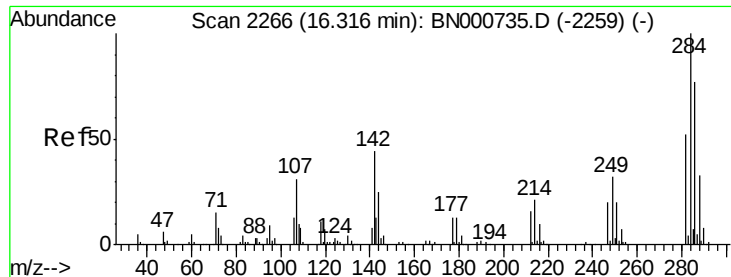


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

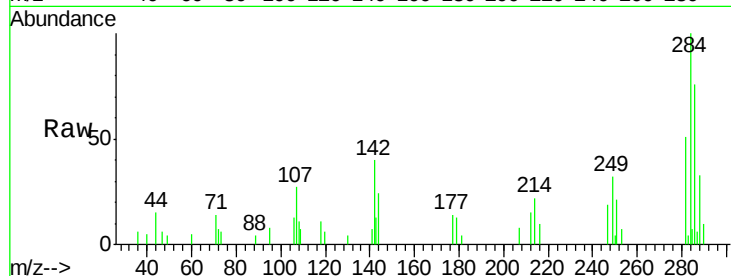




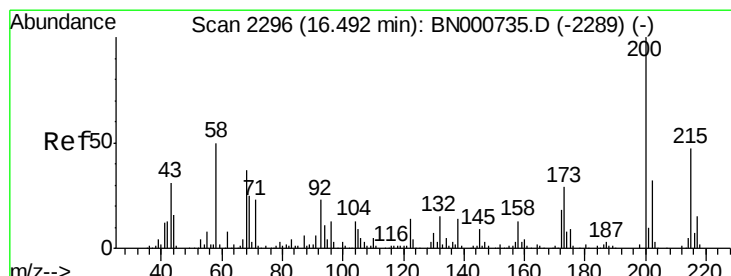
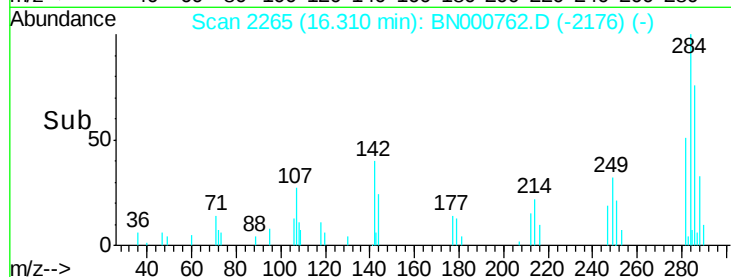
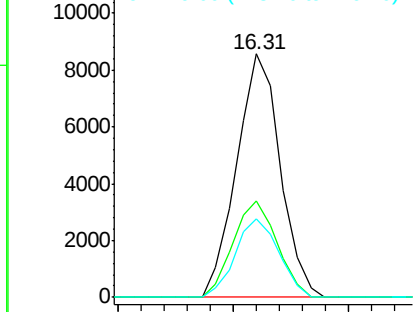
#67
Hexachlorobenzene
Concen: 1.939 ng
RT: 16.31 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion:284 Resp: 11264
Ion Ratio Lower Upper
284 100
142 39.7 26.8 40.2
249 32.2 26.3 39.5

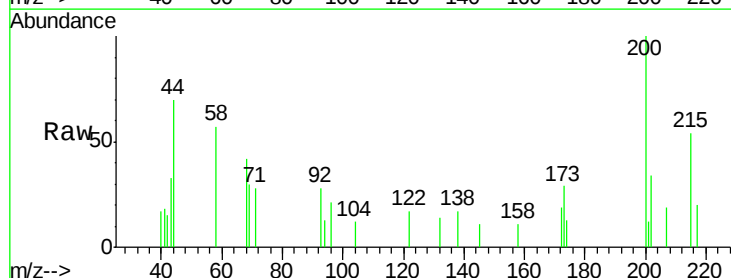


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

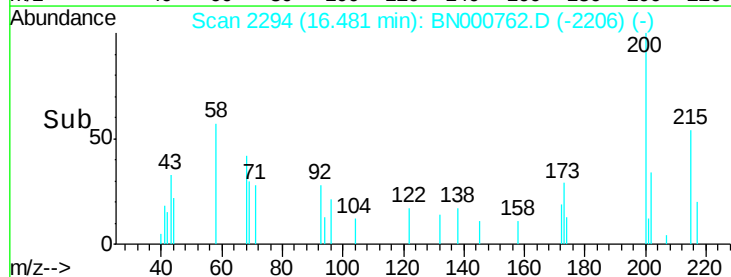
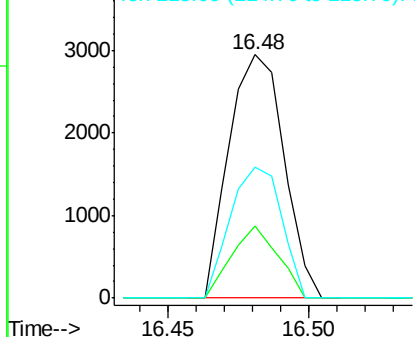


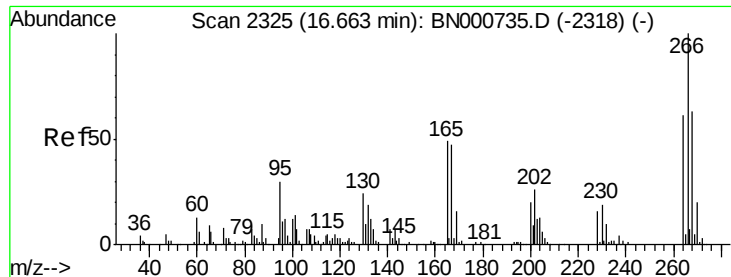
#68
Atrazine
Concen: 0.889 ng
RT: 16.48 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion:200 Resp: 3992
Ion Ratio Lower Upper
200 100
173 29.5 5.2 45.2
215 53.6 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

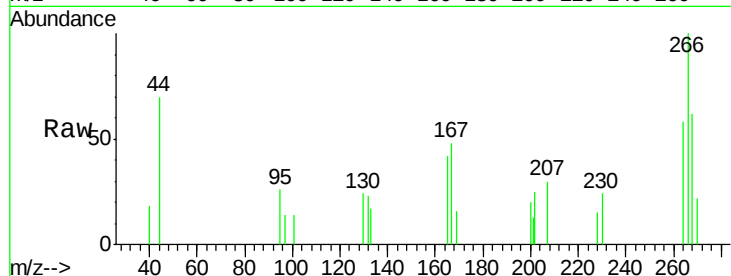




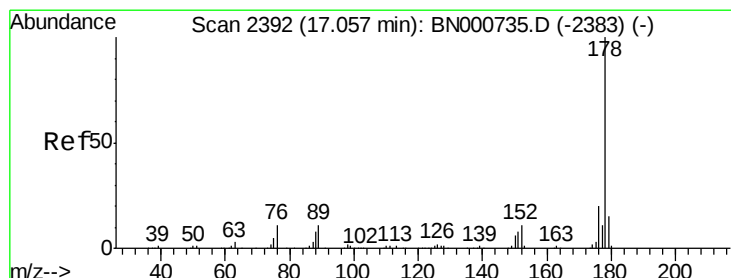
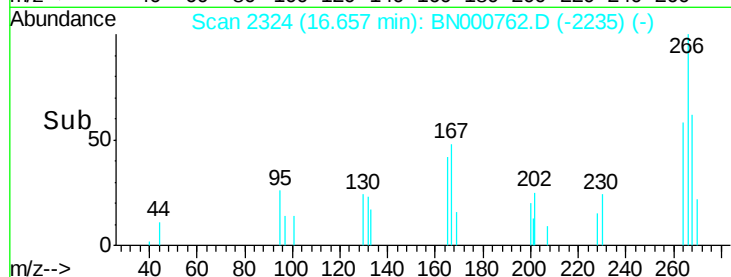
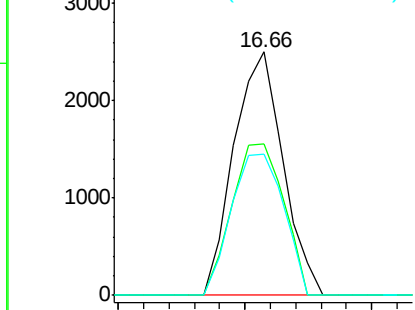
#69
 Pentachlorophenol
 Concen: 0.899 ng
 RT: 16.66 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion:266 Resp: 3373
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 57.7 49.6 74.4

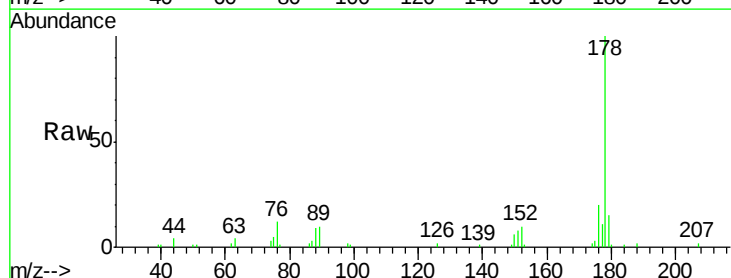


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

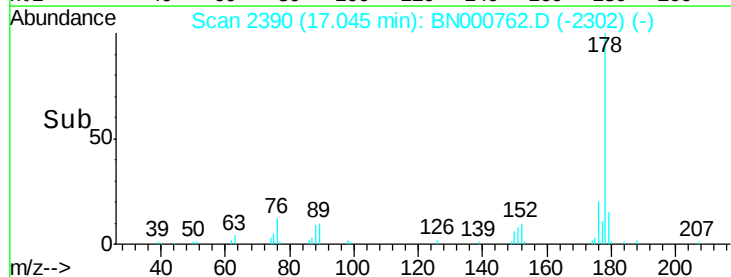
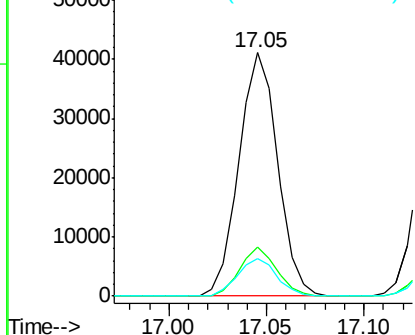


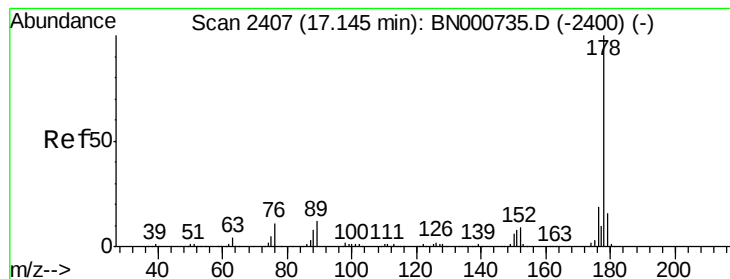
#70
 Phenanthrene
 Concen: 1.974 ng
 RT: 17.05 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Tgt Ion:178 Resp: 56439
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.7 23.5
 179 15.2 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: 1.715 ng

RT: 17.13 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

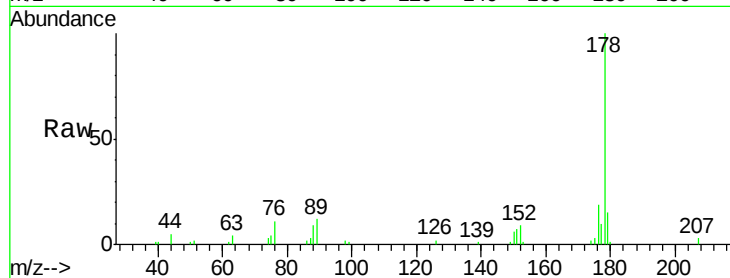
Tot Ion:178 Resp: 48020

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

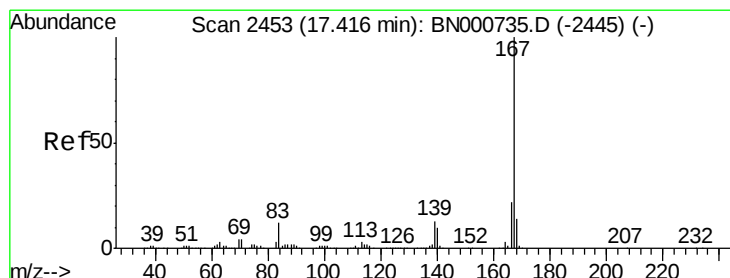
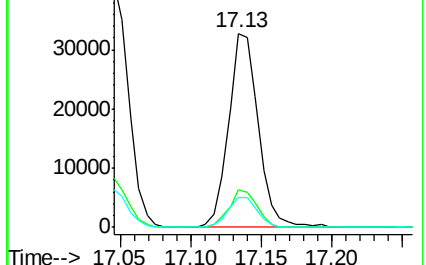
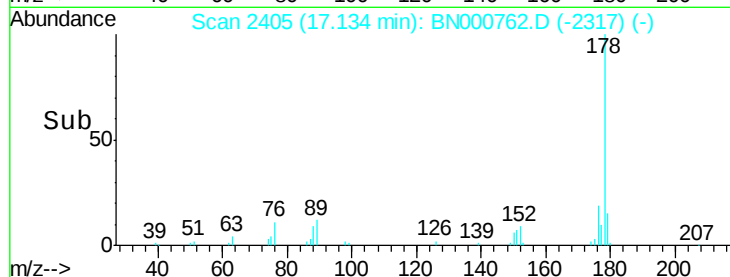
179 15.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 1.591 ng

RT: 17.41 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

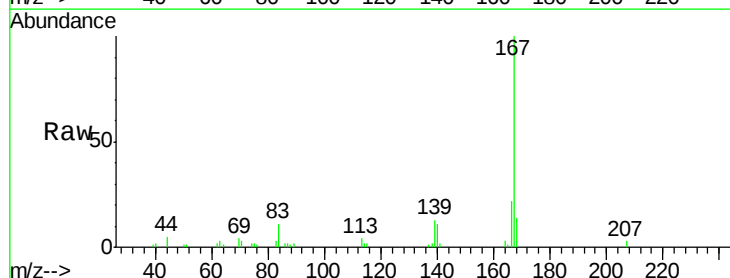
Tgt Ion:167 Resp: 41878

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.4

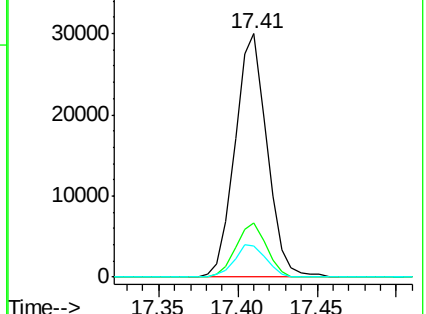
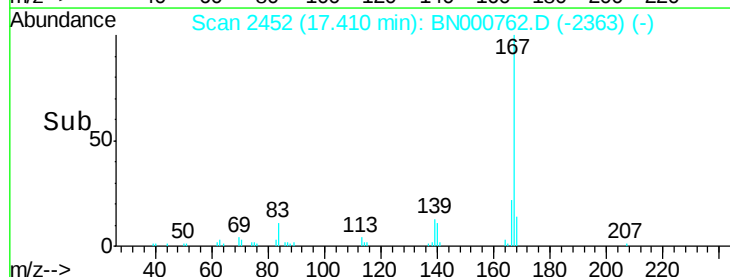
139 13.0 9.4 14.2

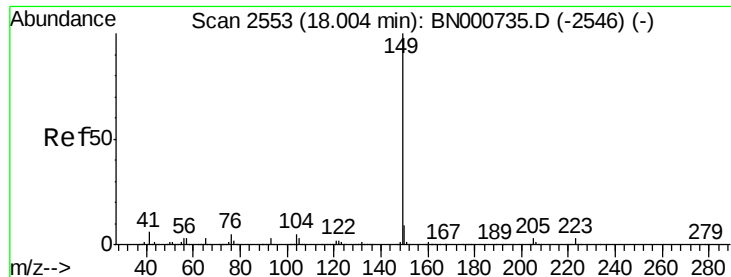


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 1.140 ng

RT: 17.99 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

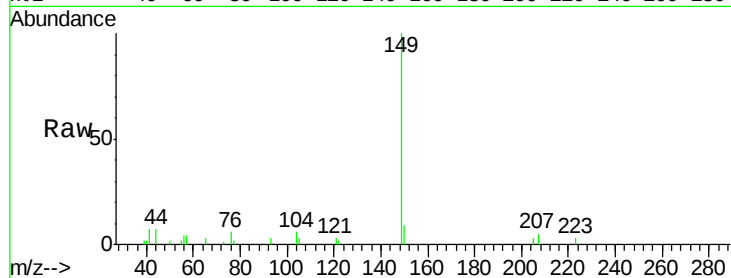
Tot Ion:149 Resp: 34194

Ion Ratio Lower Upper

149 100

150 8.6 7.8 11.6

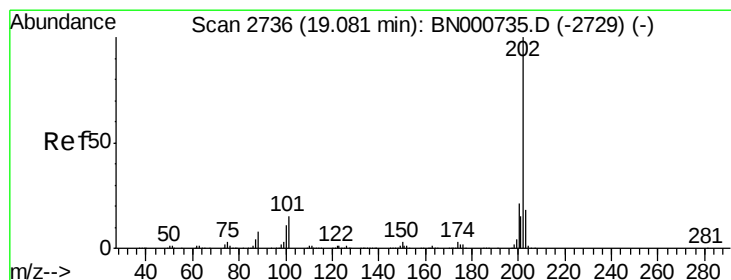
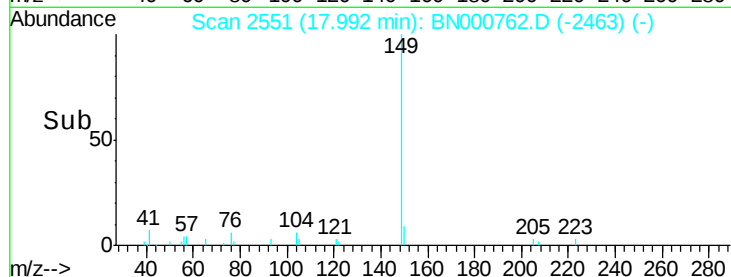
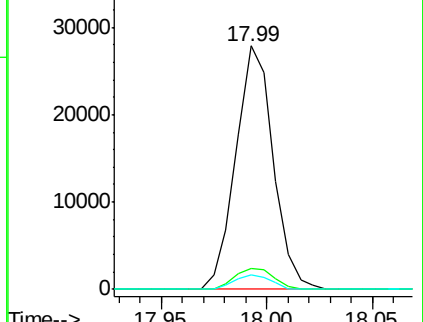
104 6.1 3.9 5.9#



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: 1.760 ng

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

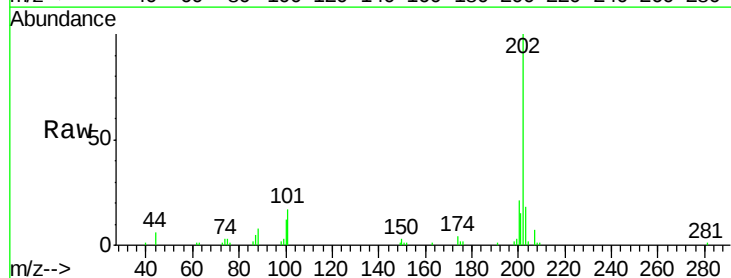
Tgt Ion:202 Resp: 50744

Ion Ratio Lower Upper

202 100

101 17.0 0.0 28.9

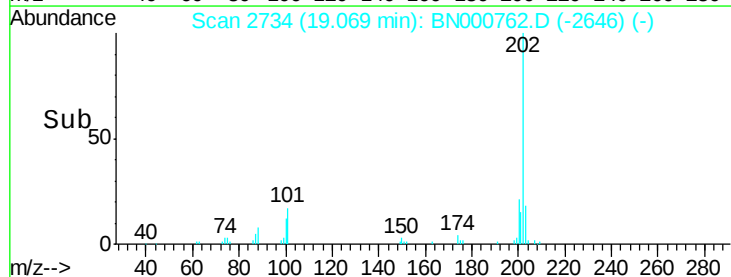
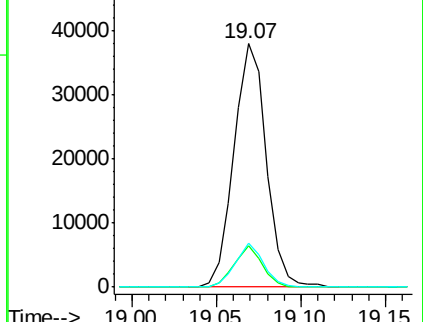
203 17.9 0.0 37.5

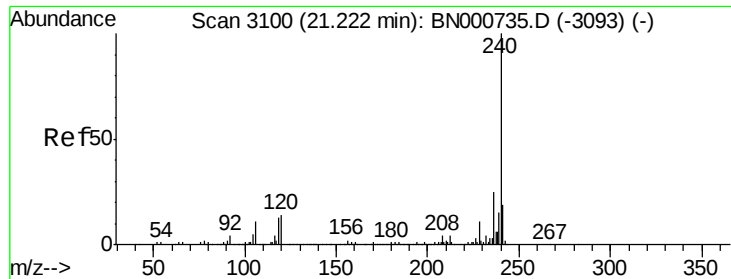


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

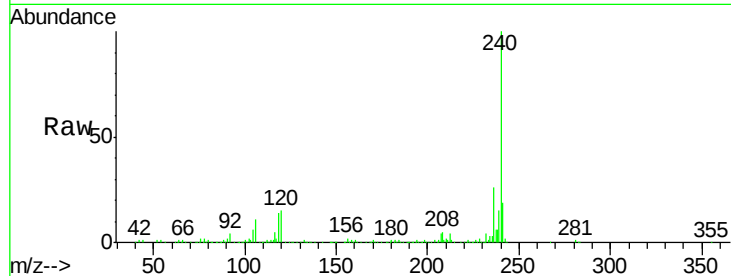
Tot Ion:240 Resp: 475974

Ion Ratio Lower Upper

240 100

120 15.0 6.8 10.2#

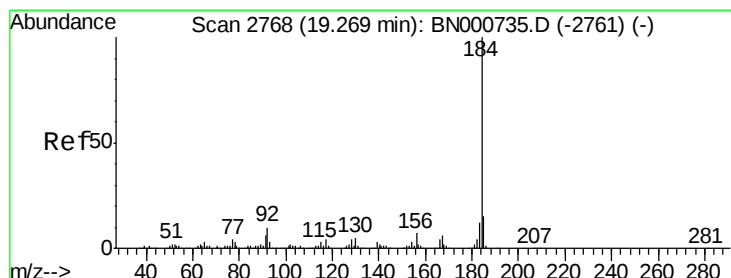
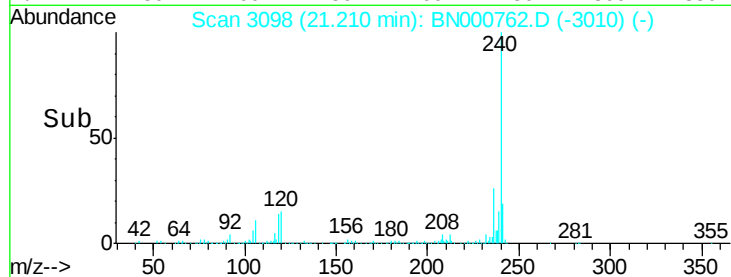
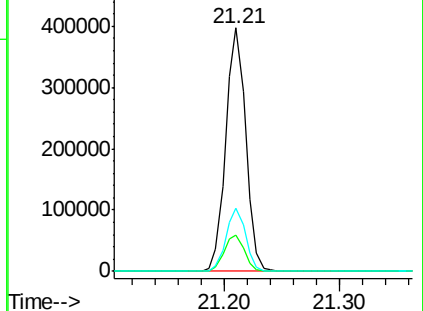
236 25.9 20.9 31.3



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: 0.553 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

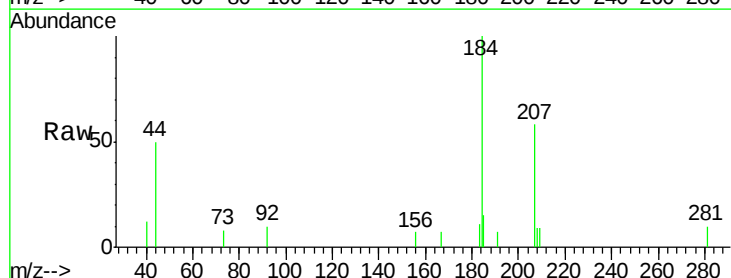
Tgt Ion:184 Resp: 7128

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

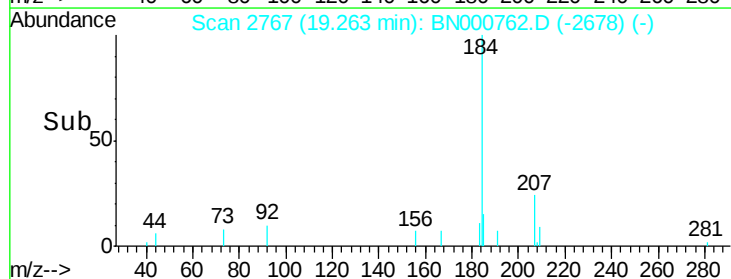
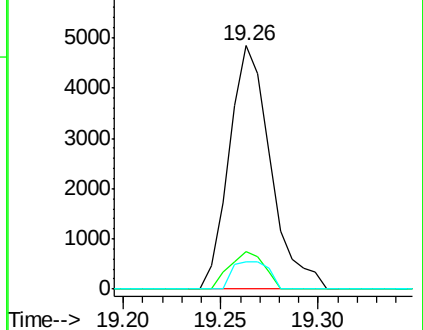
183 11.0 10.6 16.0

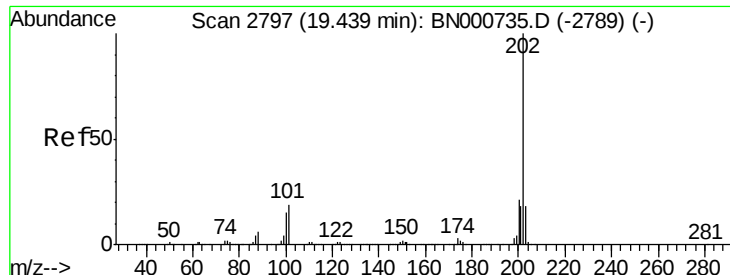


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 1.645 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

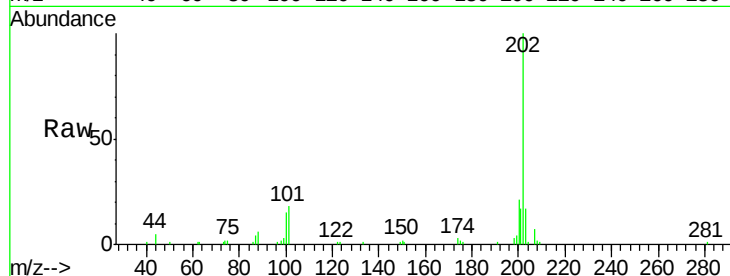
Tot Ion:202 Resp: 56414

Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

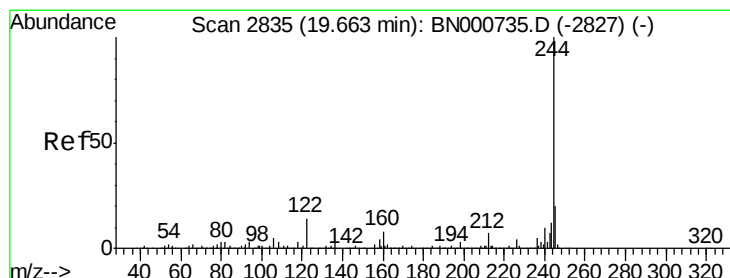
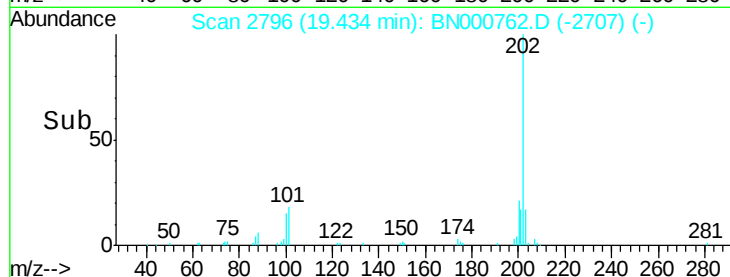
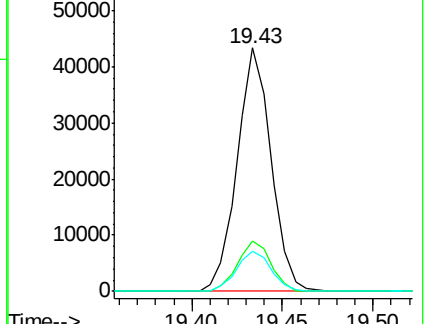
203 16.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.456 ng

RT: 19.65 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

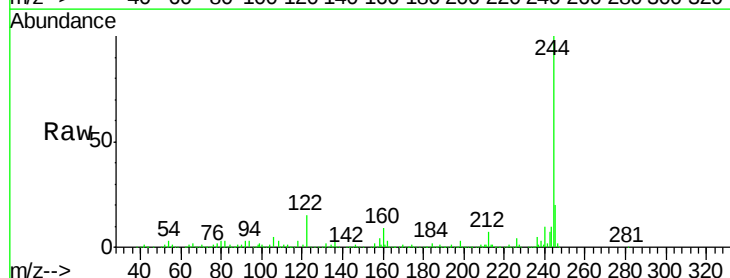
Tgt Ion:244 Resp: 1798177

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

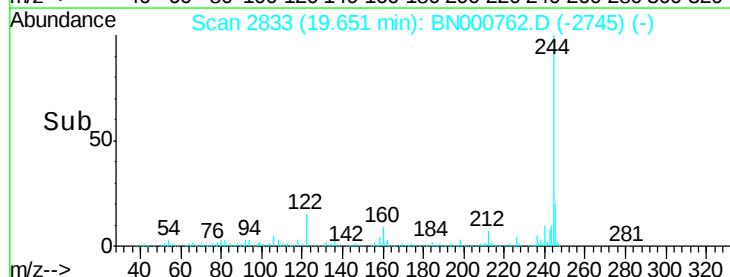
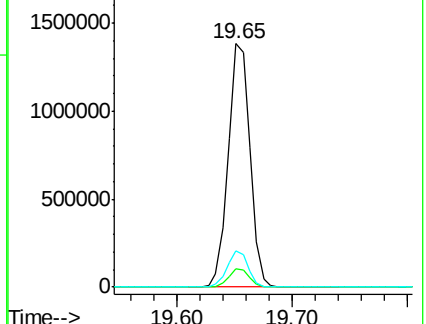
122 14.7 7.0 10.4#

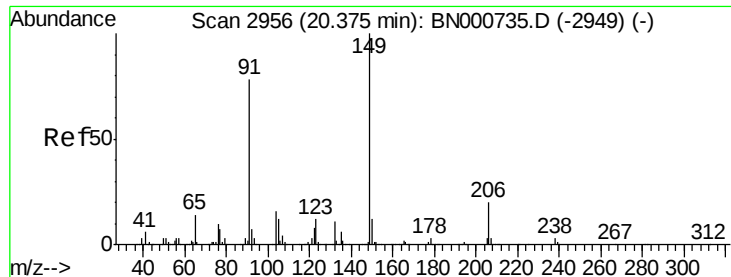


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

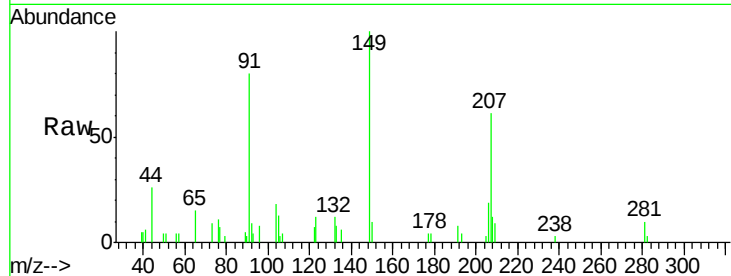




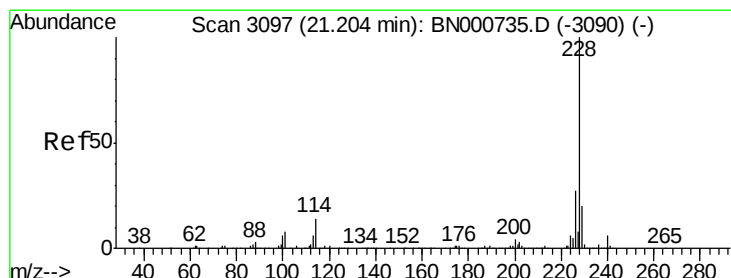
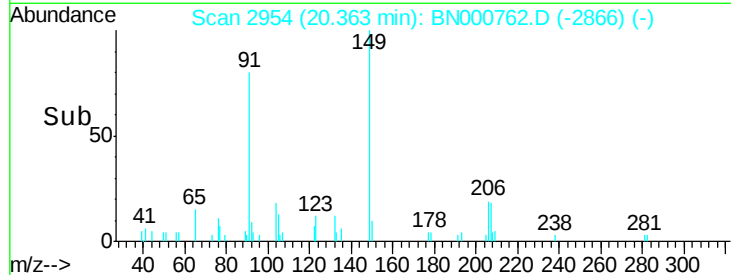
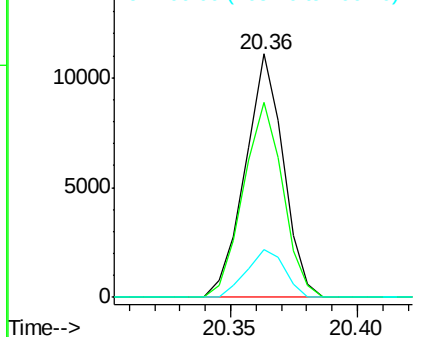
#79
Butylbenzylphthalate
Concen: 0.805 ng
RT: 20.36 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion:149 Resp: 11627
Ion Ratio Lower Upper
149 100
91 80.0 62.2 93.2
206 19.4 18.6 27.8

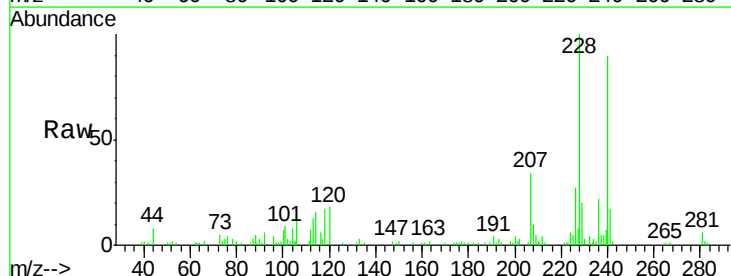


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNO
Ion 206.00 (205.70 to 206.70): E

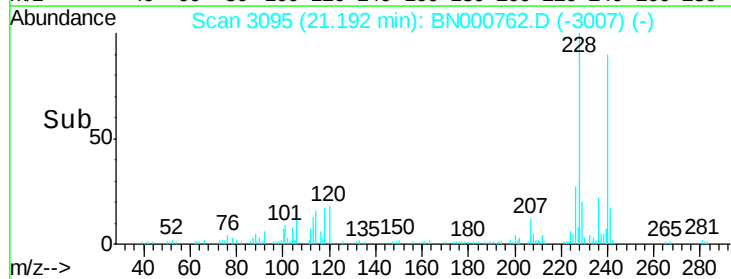
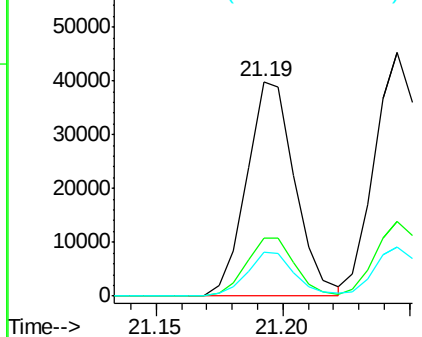


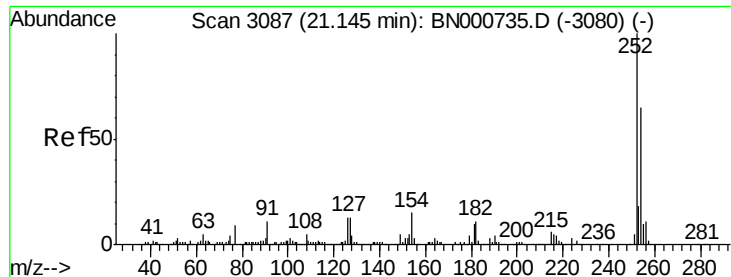
#80
Benzo(a)anthracene
Concen: 1.761 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion:228 Resp: 52811
Ion Ratio Lower Upper
228 100
226 27.1 22.7 34.1
229 20.3 16.2 24.2



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





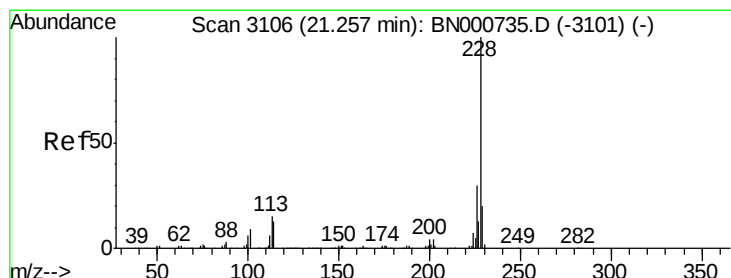
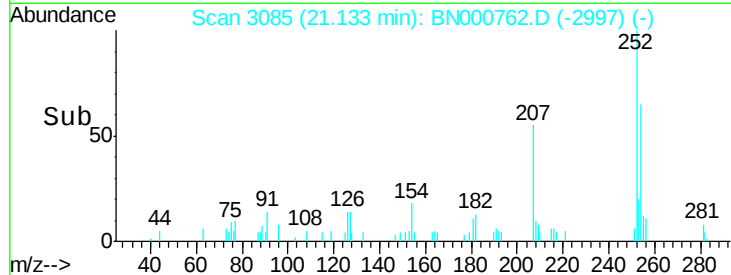
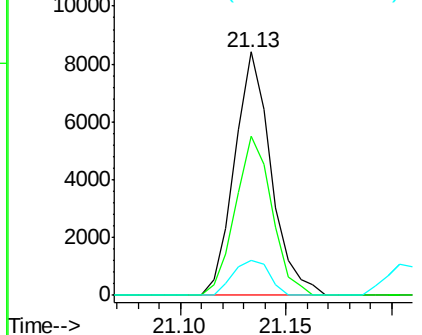
#81
 3,3'-Dichlorobenzidine
 Concen: 1.068 ng
 RT: 21.13 min Scan# 3085
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion:252 Resp: 10080
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.8 76.2
 126 14.3 7.4 11.2#

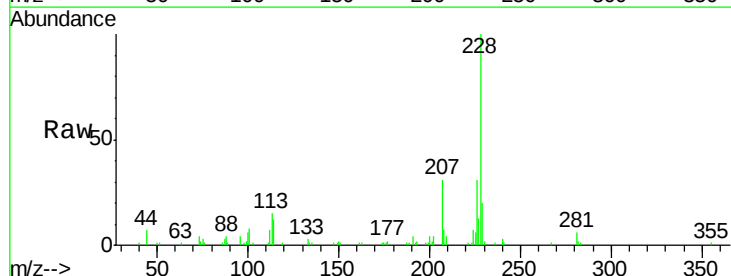


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

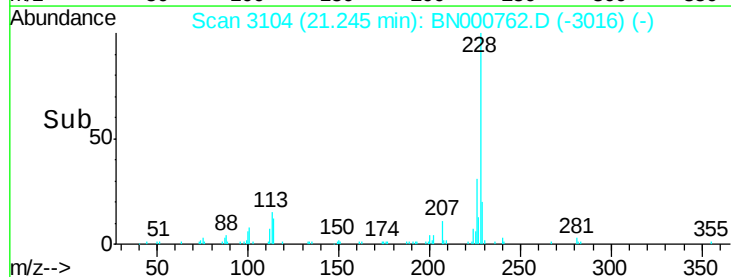
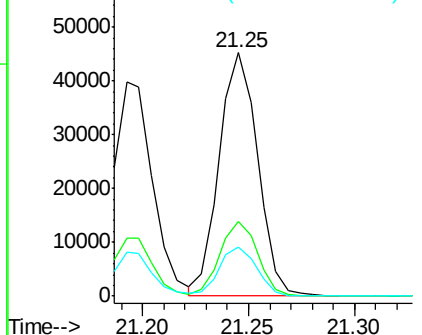


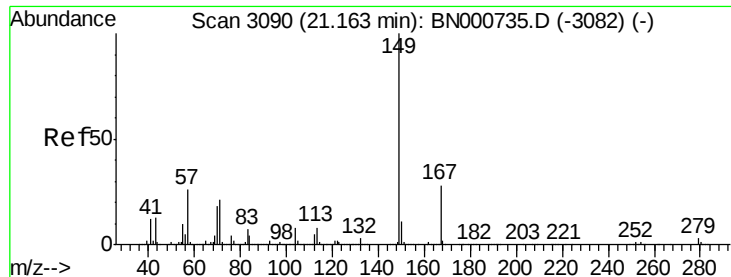
#82
 Chrysene
 Concen: 1.971 ng
 RT: 21.25 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BN000762.D
 Acq: 19 Apr 2018 04:19

Tgt Ion:228 Resp: 57244
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 20.0 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: 0.833 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

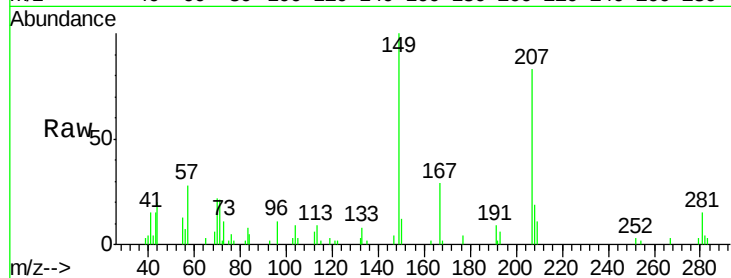
Tot Ion:149 Resp: 18379

Ion Ratio Lower Upper

149 100

167 28.6 24.3 36.5

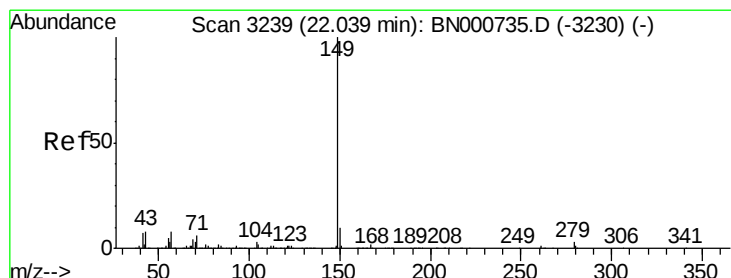
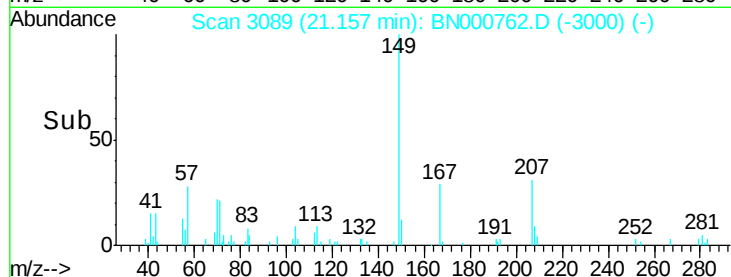
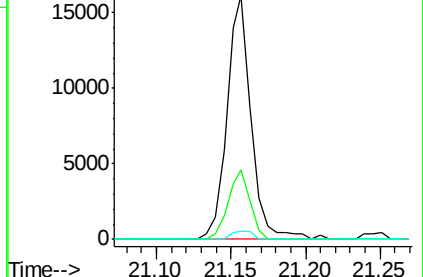
279 3.4 4.0 6.0#



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: 0.775 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BN000762.D

Acq: 19 Apr 2018 04:19

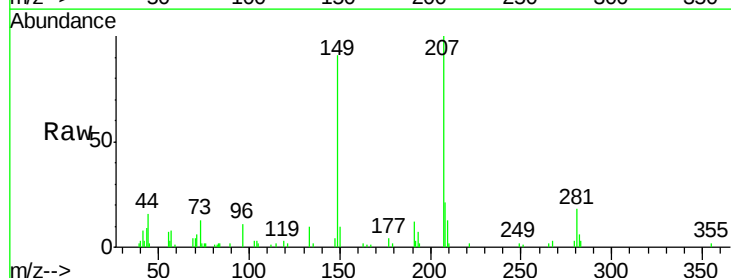
Tgt Ion:149 Resp: 24455

Ion Ratio Lower Upper

149 100

167 0.5 1.4 2.0#

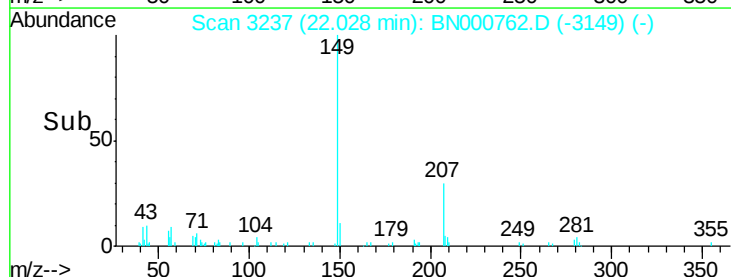
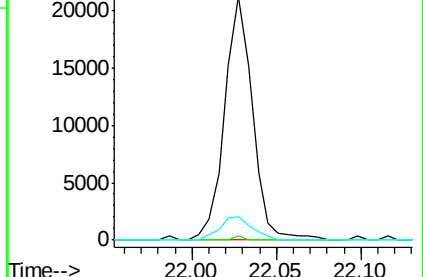
43 11.0 8.9 13.3

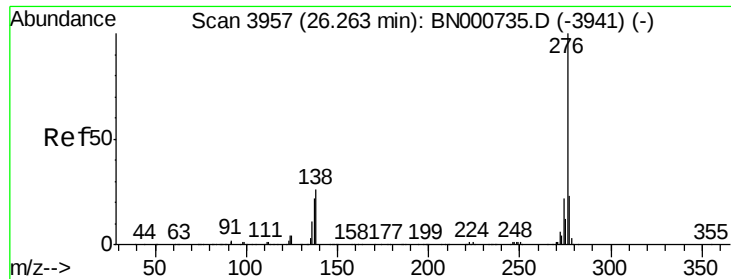


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

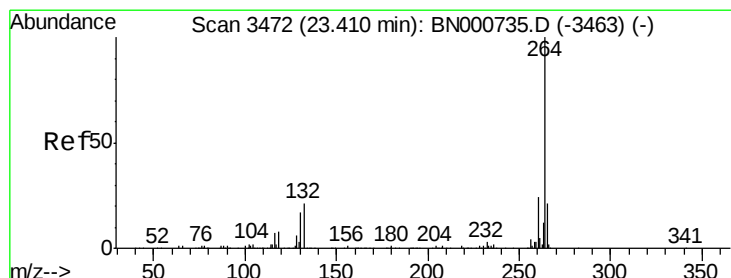
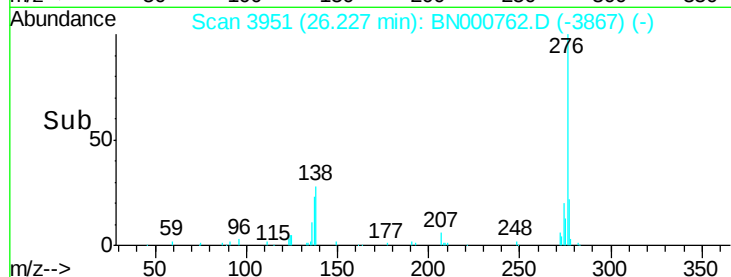
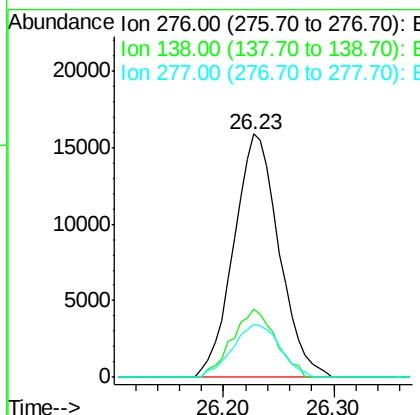
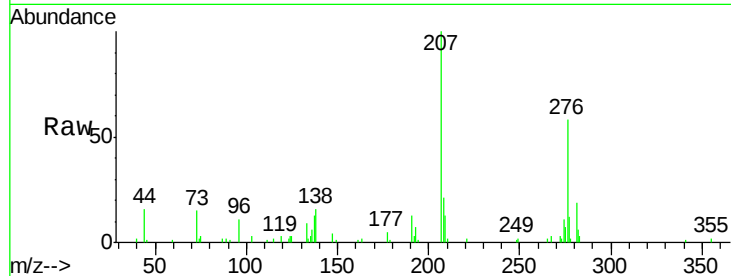




#85
Indeno(1,2,3-cd)pyrene
Concen: 1.826 ng
RT: 26.23 min Scan# 3951
Delta R.T. -0.04 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

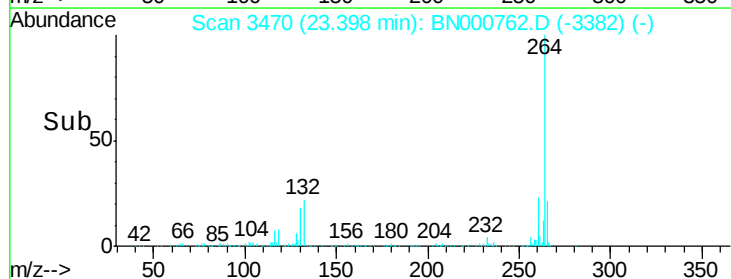
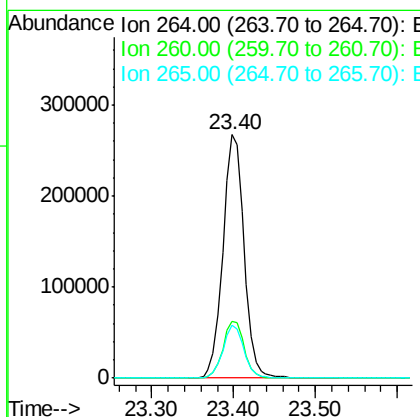
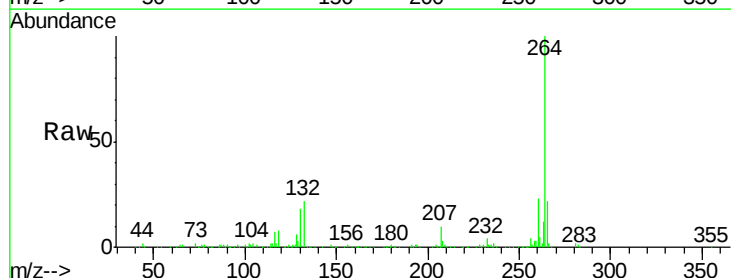
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

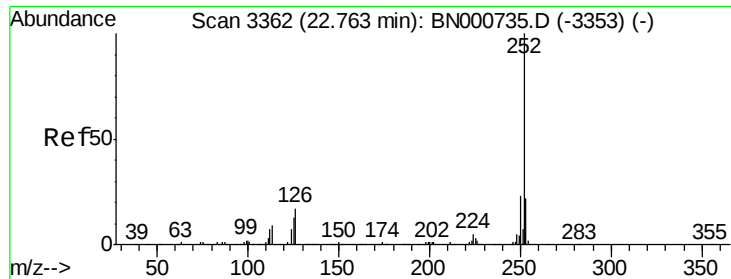
Tot Ion:276 Resp: 45619
Ion Ratio Lower Upper
276 100
138 27.0 16.0 24.0#
277 22.8 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion:264 Resp: 480157
Ion Ratio Lower Upper
264 100
260 23.2 17.4 26.0
265 21.7 17.7 26.5

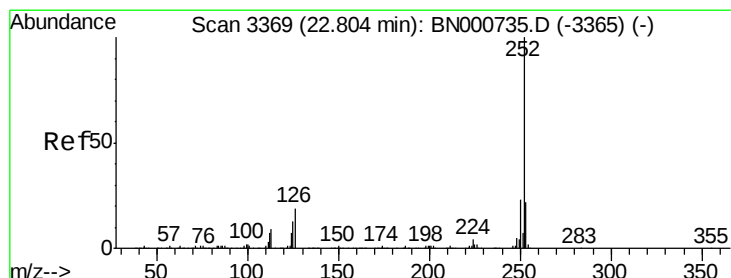
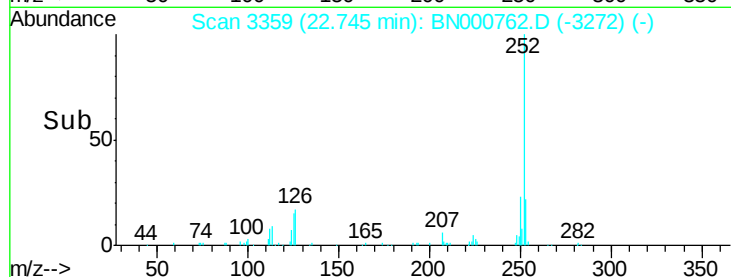
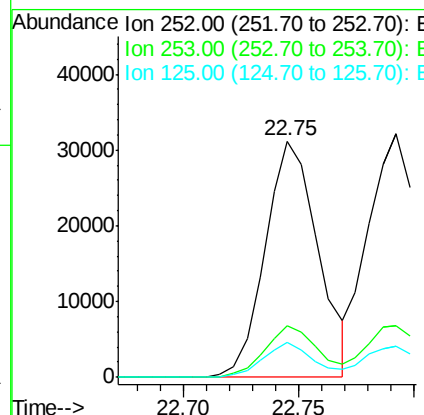
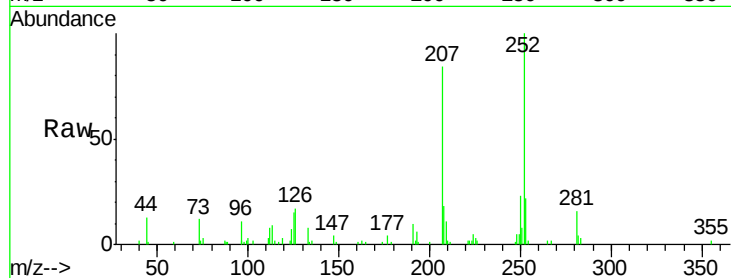




#87
Benzo(b)fluoranthene
Concen: 1.703 ng
RT: 22.75 min Scan# 3359
Delta R.T. -0.02 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

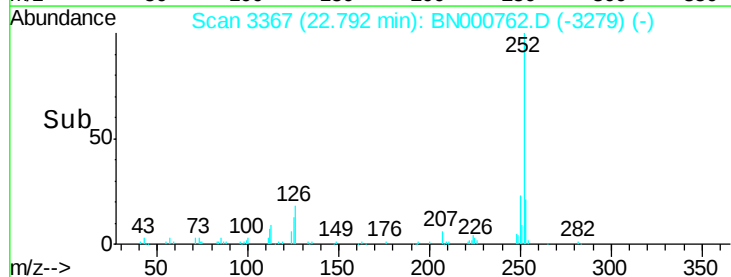
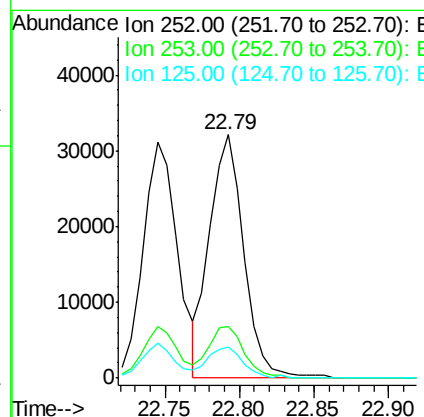
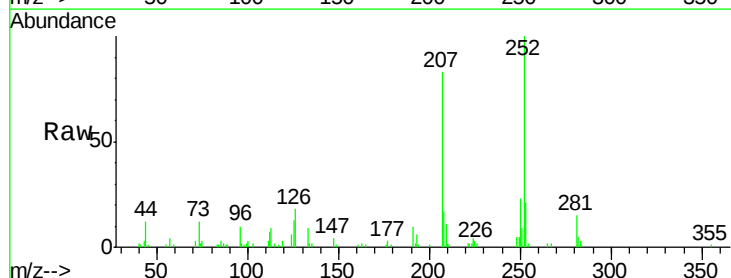
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

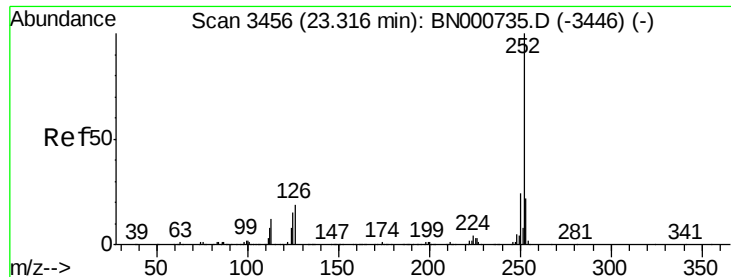
Tot Ion:252 Resp: 49675
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 14.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 1.776 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion:252 Resp: 51604
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 13.0 6.6 9.8#

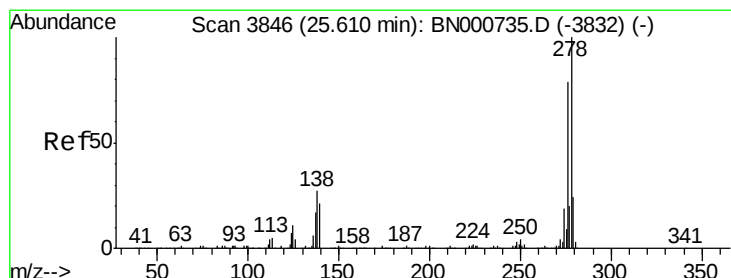
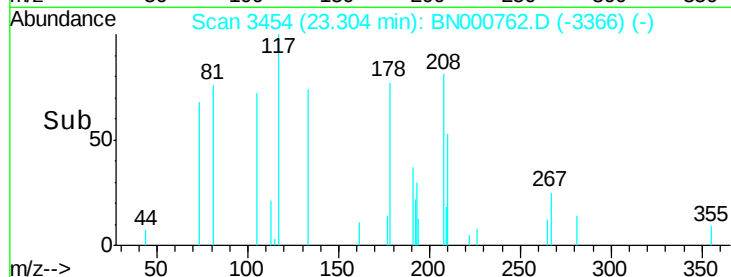
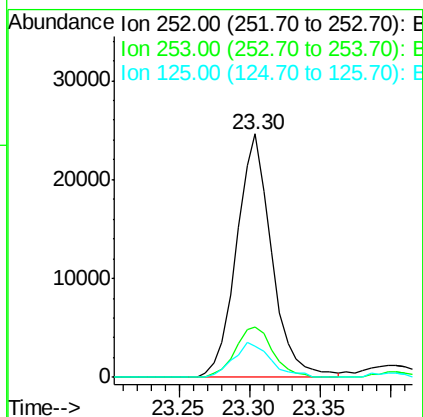
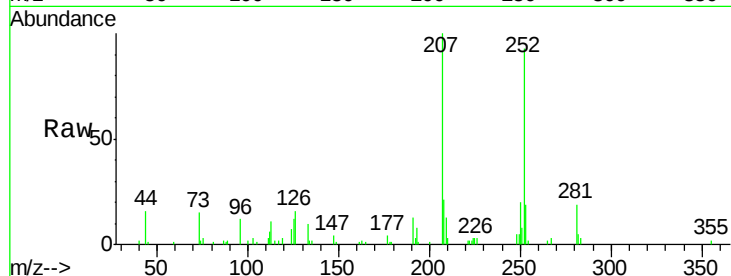




#89
Benzo(a)pyrene
Concen: 1.615 ng
RT: 23.30 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

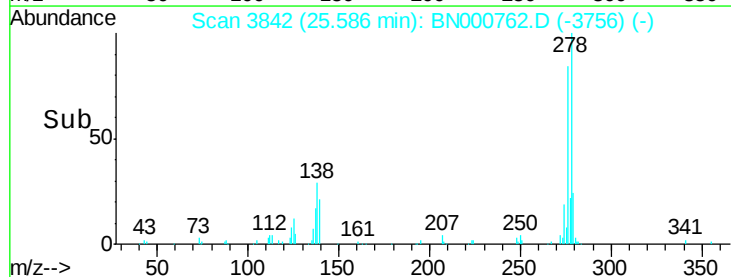
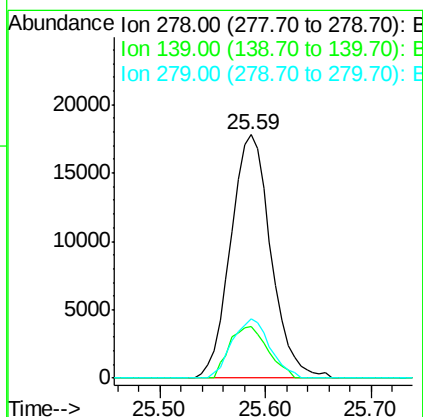
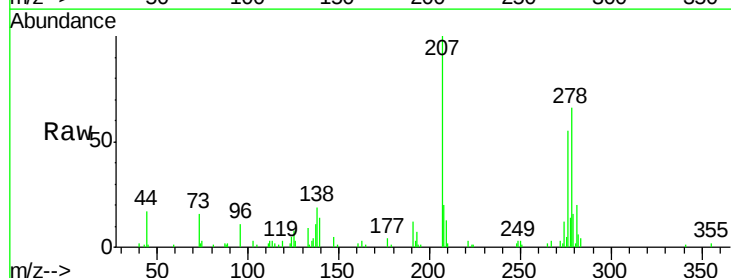
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

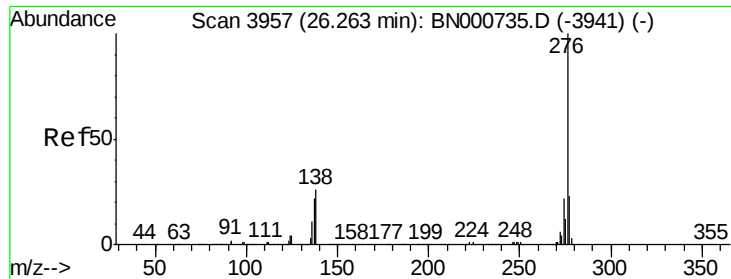
Tot Ion:252 Resp: 43004
Ion Ratio Lower Upper
252 100
253 20.4 18.3 27.5
125 12.5 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 1.791 ng
RT: 25.59 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Tgt Ion:278 Resp: 46972
Ion Ratio Lower Upper
278 100
139 21.3 9.8 14.6#
279 24.5 18.4 27.6





#91
Benzo(a,h,i)perylene
Concen: 1.781 ng
RT: 26.23 min Scan# 3951
Delta R.T. -0.04 min
Lab File: BN000762.D
Acq: 19 Apr 2018 04:19

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.6	18.3	27.5
138	28.3	13.9	20.9

