

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000761.D
 Acq On : 19 Apr 2018 03:44
 Operator : JU/SJ
 Sample : J2133-09
 Misc : 1PPM MDL
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Apr 19 05:47:21 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	115009	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	476969	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	240977	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	492268	20.00	ng	0.00
75) Chrysene-d12	21.21	240	452858	20.00	ng	-0.01
86) Perylene-d12	23.40	264	461474	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1057403	136.58	ng	0.00
7) Phenol-d6	6.81	99	1381256	130.92	ng	0.00
23) Nitrobenzene-d5	8.78	82	747631	81.71	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	351460	144.88	ng	0.00
44) 2-Fluorobiphenyl	12.88	172	1492573	85.50	ng	0.00
78) Terphenyl-d14	19.66	244	1729149	82.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	4239	1.194	ng	# 75
3) Pyridine	3.66	79	6115	0.654	ng	# 80
4) n-Nitrosodimethylamine	3.56	42	1572	0.611	ng	# 92
6) Aniline	6.97	93	12153	0.868	ng	96
8) 2-Chlorophenol	7.20	128	8287	1.035	ng	90
9) Benzaldehyde	6.79	77	5383	Below Cal		97
10) Phenol	6.83	94	11075	0.996	ng	93
11) bis(2-Chloroethyl)ether	7.07	93	8508	0.935	ng	83
12) 1,3-Dichlorobenzene	7.52	146	9317	1.002	ng	100
13) 1,4-Dichlorobenzene	7.66	146	9586	1.015	ng	94
14) 1,2-Dichlorobenzene	7.98	146	9176	1.018	ng	93
15) Benzyl Alcohol	7.86	79	5246	0.723	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.16	45	9247	0.957	ng	75
17) 2-Methylphenol	8.06	107	6077	0.813	ng	90
18) Hexachloroethane	8.69	117	3053	0.877	ng	# 78
19) n-Nitroso-di-n-propylamine	8.43	70	4710	0.718	ng	# 85
20) 3+4-Methylphenols	8.39	107	7949	0.774	ng	95
22) Acetophenone	8.44	105	11818	0.865	ng	# 87
24) Nitrobenzene	8.81	77	9779	0.997	ng	93
25) Isophorone	9.33	82	12257	0.739	ng	98
26) 2-Nitrophenol	9.52	139	2505	0.623	ng	91
27) 2,4-Dimethylphenol	9.58	122	4930	0.751	ng	91
28) bis(2-Chloroethoxy)methane	9.82	93	9162	0.848	ng	96
29) 2,4-Dichlorophenol	10.05	162	4593	0.711	ng	87
30) 1,2,4-Trichlorobenzene	10.26	180	7861	1.009	ng	89
31) Naphthalene	10.45	128	26051	1.016	ng	96
32) Benzoic acid	9.63	122	243	4.630	ng	# 75
33) 4-Chloroaniline	10.56	127	7681	0.734	ng	96
34) Hexachlorobutadiene	10.73	225	4130	0.976	ng	91
35) Caprolactam	11.30	113	114	0.051	ng	# 87
36) 4-Chloro-3-methylphenol	11.68	107	4465	0.585	ng	98
37) 2-Methylnaphthalene	12.06	142	16015	0.953	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	7450	0.997	ng	# 96
40) Hexachlorocyclopentadiene	12.42	237	3387	0.773	ng	99

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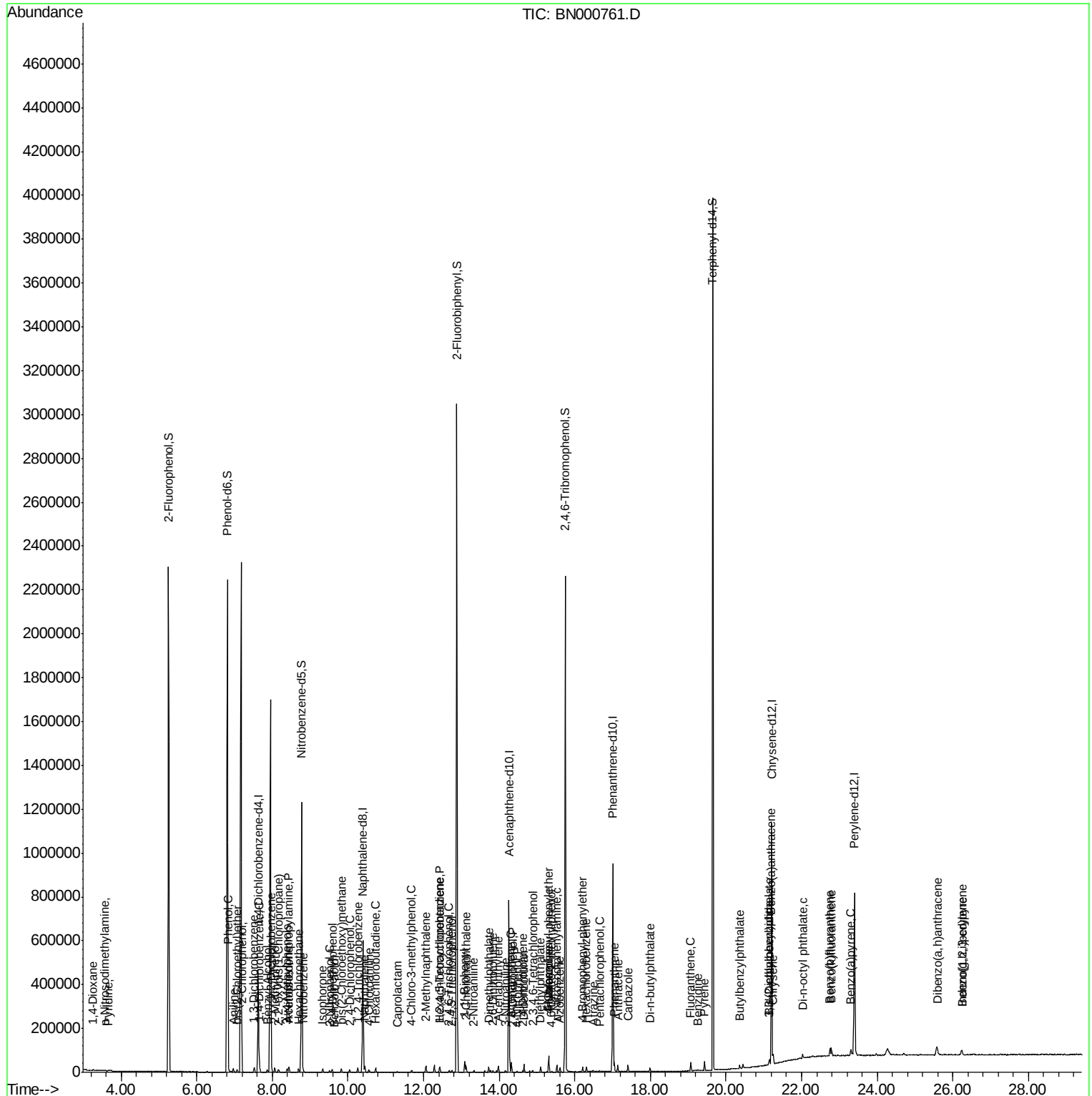
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	2797	0.617	nq	97
43) 2,4,5-Trichlorophenol	12.75	196	2836	0.542	nq	# 94
45) 1,1'-Biphenyl	13.09	154	25851	1.198	nq	96
46) 2-Chloronaphthalene	13.12	162	16534	1.022	nq	97
47) 2-Nitroaniline	13.33	65	2306	0.492	nq	99
48) Acenaphthylene	13.97	152	20527	0.801	nq	98
49) Dimethylphthalate	13.72	163	15745	0.818	nq	99
50) 2,6-Dinitrotoluene	13.83	165	1927	0.472	nq	# 85
51) Acenaphthene	14.32	154	15498	0.992	nq	97
52) 3-Nitroaniline	14.16	138	2025	0.436	nq	# 90
53) 2,4-Dinitrophenol	14.37	184	225	5.792	nq	# 17
54) Dibenzofuran	14.66	168	23182	1.019	nq	97
55) 4-Nitrophenol	14.47	139	731	0.212	nq	# 79
56) 2,4-Dinitrotoluene	14.62	165	2322	0.435	nq	# 89
57) Fluorene	15.31	166	16717	0.930	nq	94
58) 2,3,4,6-Tetrachlorophenol	14.89	232	1950	0.485	nq	# 85
59) Diethylphthalate	15.10	149	13854	0.726	nq	99
60) 4-Chlorophenyl-phenylether	15.31	204	8491	1.010	nq	93
61) 4-Nitroaniline	15.32	138	1648	0.361	nq	89
62) Azobenzene	15.60	77	13855	0.678	nq	88
64) 4,6-Dinitro-2-methylphenol	15.39	198	767	0.252	nq	90
65) n-Nitrosodiphenylamine	15.53	169	12319	0.745	nq	98
66) 4-Bromophenyl-phenylether	16.20	248	4328	0.865	nq	# 85
67) Hexachlorobenzene	16.31	284	5586	0.965	nq	# 87
68) Atrazine	16.48	200	1824	0.407	nq	82
69) Pentachlorophenol	16.66	266	1434	0.383	nq	95
70) Phenanthrene	17.05	178	28169	0.988	nq	100
71) Anthracene	17.14	178	22108	0.792	nq	97
72) Carbazole	17.41	167	19355	0.738	nq	97
73) Di-n-butylphthalate	17.99	149	15792	0.528	nq	# 99
74) Fluoranthene	19.07	202	24196	0.842	nq	93
76) Benzidine	19.26	184	3565	0.291	nq	96
77) Pyrene	19.43	202	25205	0.773	nq	98
79) Butylbenzylphthalate	20.36	149	5148	0.375	nq	96
80) Benzo(a)anthracene	21.19	228	24906	0.873	nq	97
81) 3,3'-Dichlorobenzidine	21.13	252	4474	0.498	nq	# 92
82) Chrysene	21.25	228	27967	1.012	nq	95
83) Bis(2-ethylhexyl)phthalate	21.15	149	7371	0.351	nq	# 91
84) Di-n-octyl phthalate	22.03	149	10909	0.363	nq	# 99
85) Indeno(1,2,3-cd)pyrene	26.23	276	21512	0.905	nq	# 91
87) Benzo(b)fluoranthene	22.75	252	22884	0.816	nq	# 91
88) Benzo(k)fluoranthene	22.79	252	23980	0.859	nq	# 97
89) Benzo(a)pyrene	23.30	252	19309	0.755	nq	# 91
90) Dibenzo(a,h)anthracene	25.59	278	21948	0.871	nq	# 93
91) Benzo(g,h,i)perylene	26.23	276	21512	0.874	nq	# 88

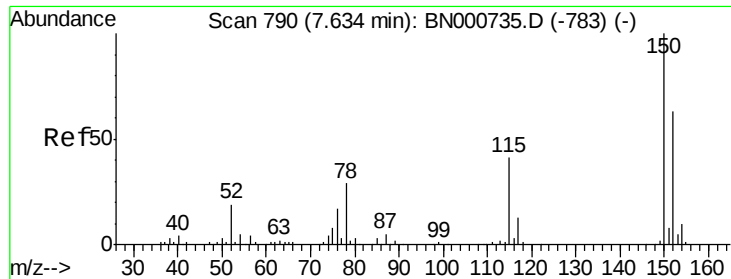
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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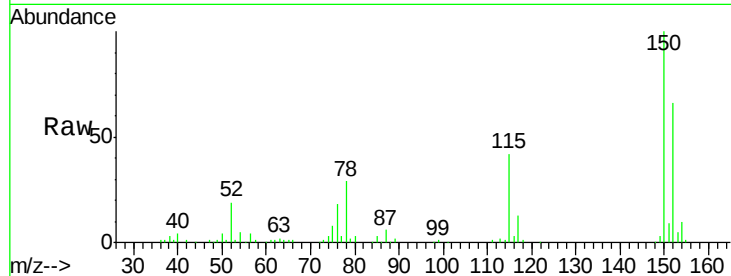


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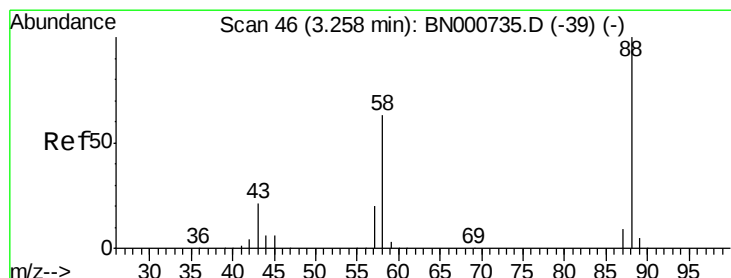
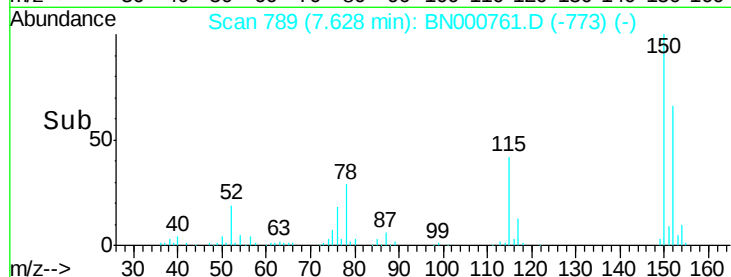
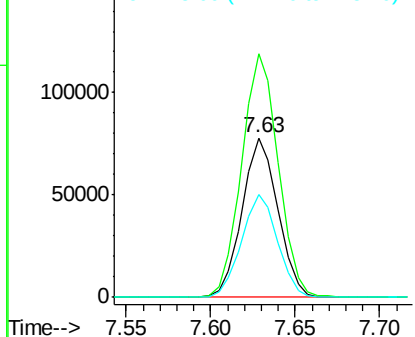
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

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

Tot Ion:152 Resp: 115009
 Ion Ratio Lower Upper
 152 100
 150 152.4 126.6 189.8
 115 64.3 53.0 79.4



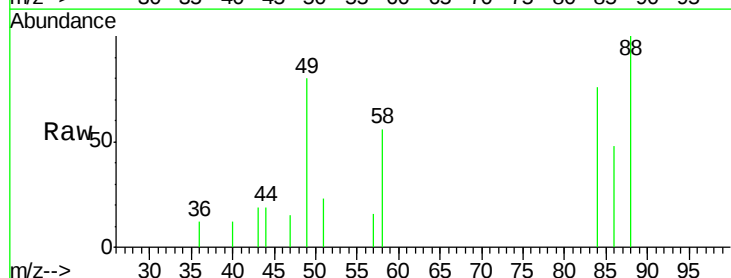
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



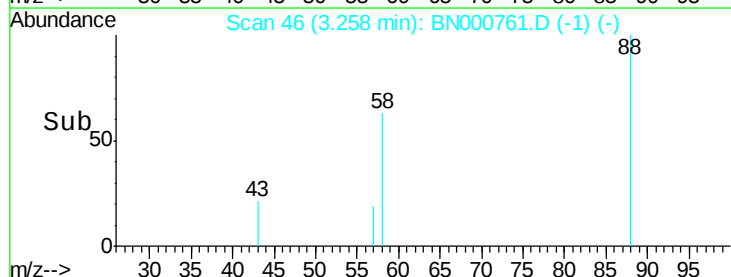
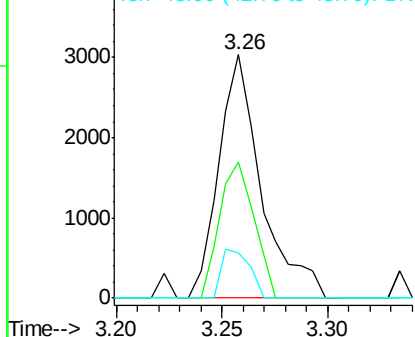
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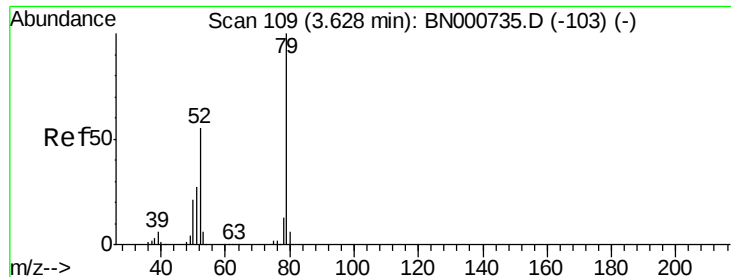
1,4-Dioxane
 Concen: 1.194 ng
 RT: 3.26 min Scan# 46
 Delta R.T. 0.00 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion: 88 Resp: 4239
 Ion Ratio Lower Upper
 88 100
 58 45.3 52.0 78.0#
 43 13.0 20.0 30.0#



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





#3

Pvridine

Concen: 0.654 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.04 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

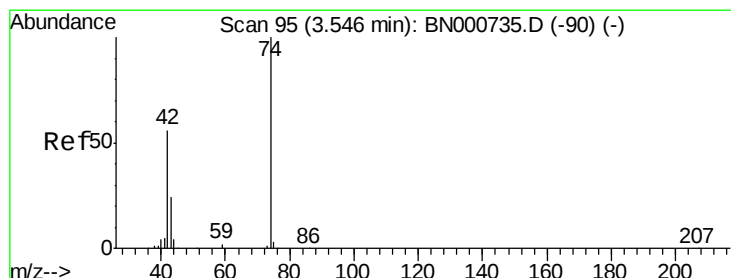
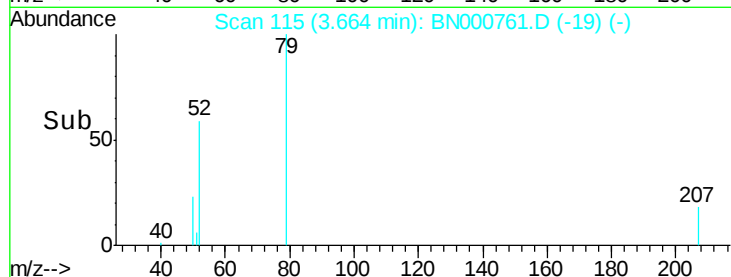
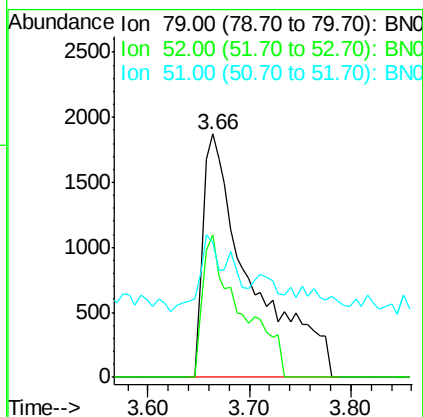
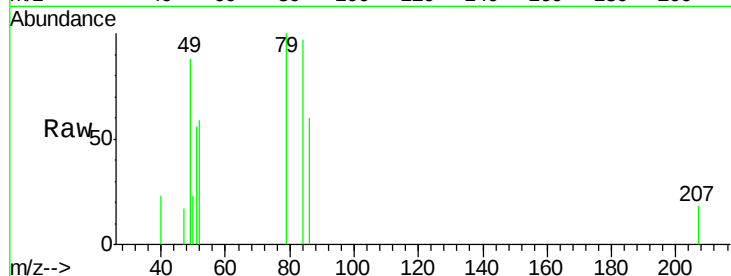
Tot Ion: 79 Resp: 6115

Ion Ratio Lower Upper

79 100

52 58.7 44.0 66.0

51 55.5 24.0 36.0#



#4

n-Nitrosodimethylamine

Concen: 0.611 ng

RT: 3.56 min Scan# 97

Delta R.T. 0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

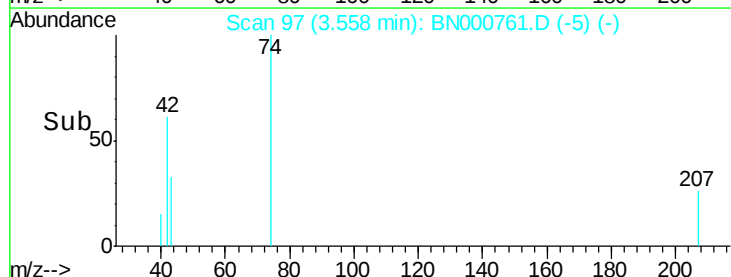
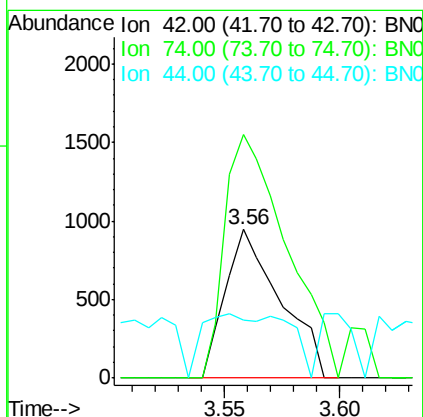
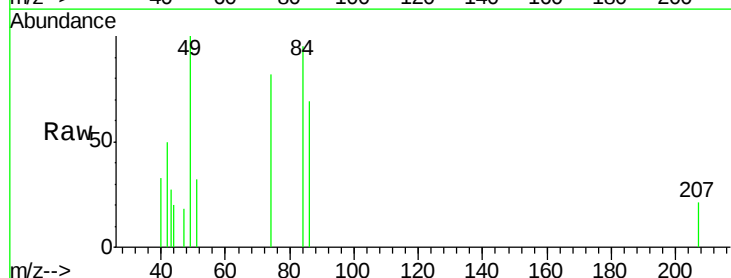
Tgt Ion: 42 Resp: 1572

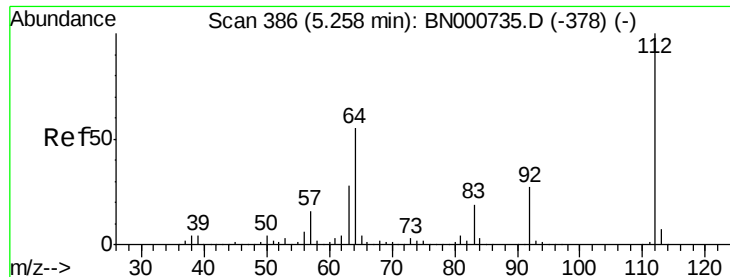
Ion Ratio Lower Upper

42 100

74 164.2 128.0 192.0

44 39.3 12.0 18.0#





#5

2-Fluorophenol

Concen: 136.577 ng

RT: 5.26 min Scan# 386

Delta R.T. 0.00 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

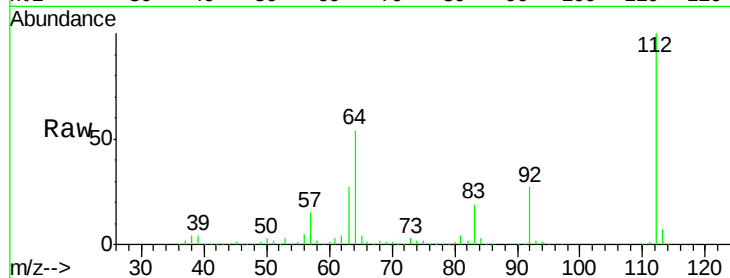
Tot Ion:112 Resp: 1057403

Ion Ratio Lower Upper

112 100

64 53.9 56.3 84.5#

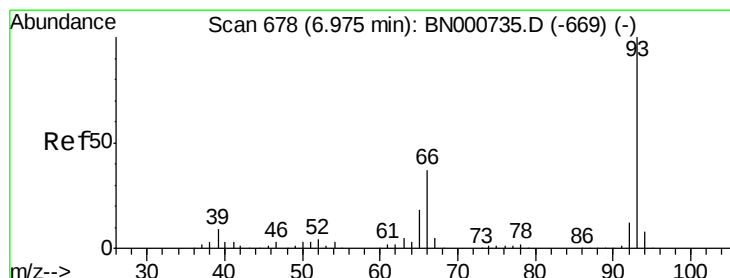
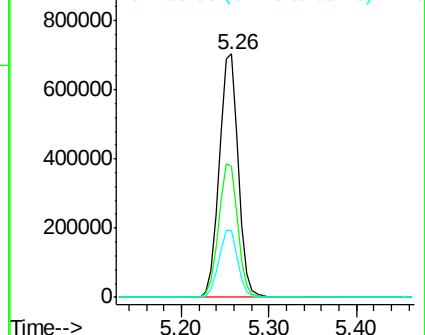
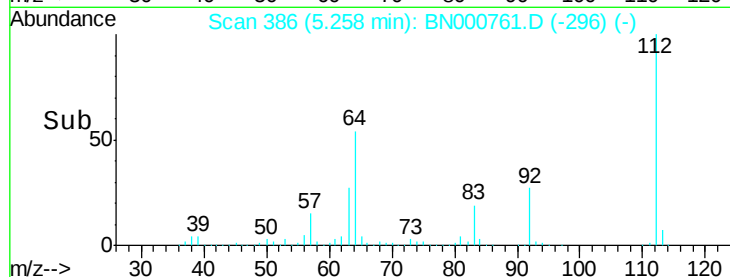
63 27.3 30.1 45.1#



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: 0.868 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

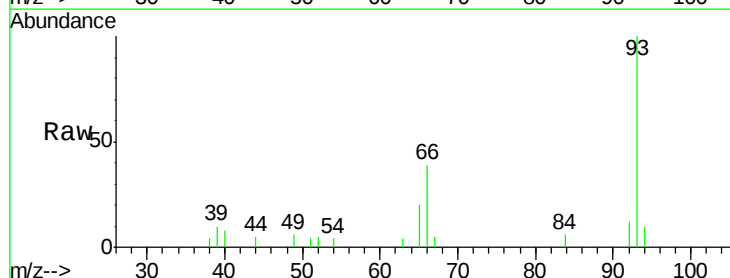
Tgt Ion: 93 Resp: 12153

Ion Ratio Lower Upper

93 100

66 38.8 33.7 50.5

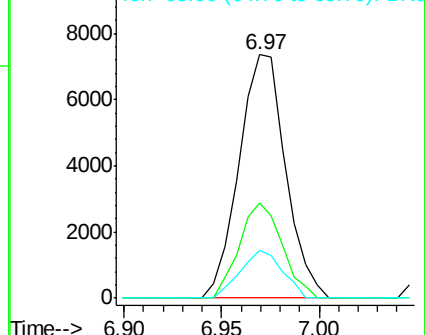
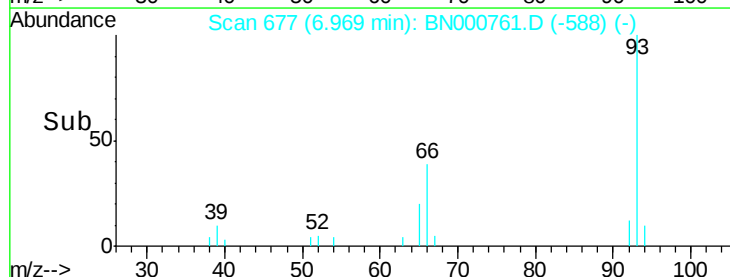
65 19.6 16.1 24.1

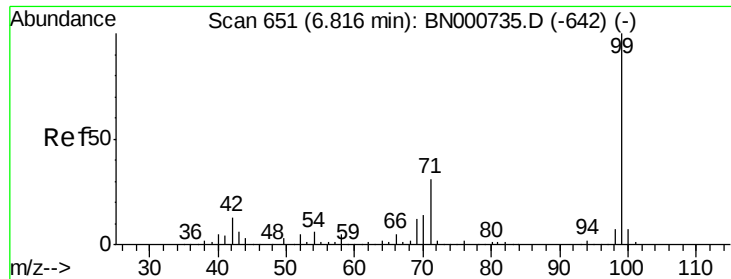


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 130.918 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000761.D

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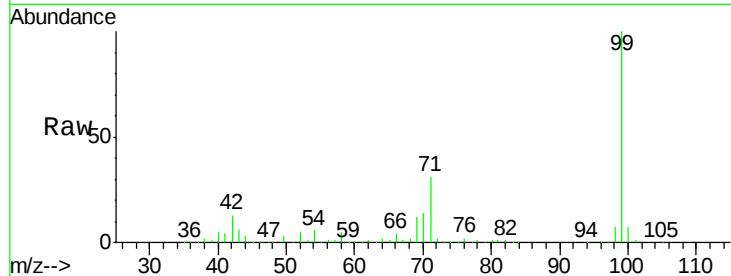
Tot Ion: 99 Resp: 1381256

Ion Ratio Lower Upper

99 100

42 12.9 14.1 21.1#

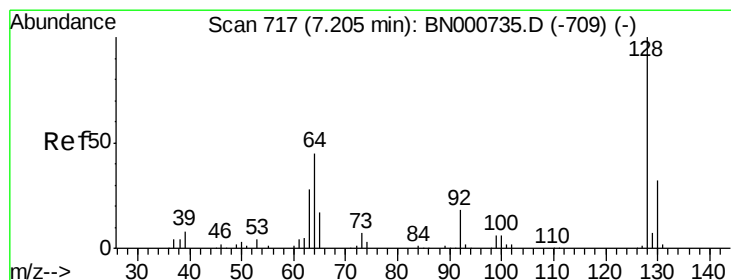
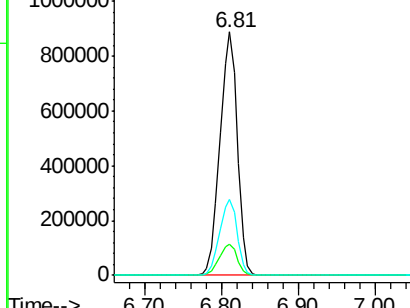
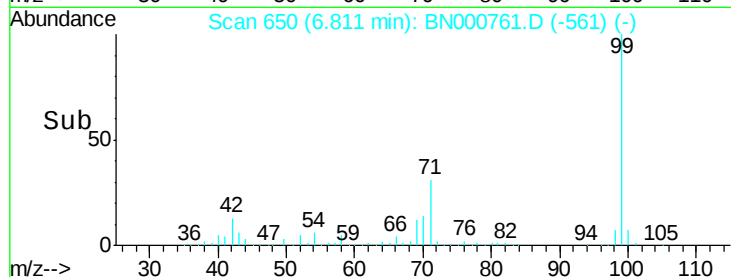
71 31.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000735.D (-642) (-)

Ion 42.00 (41.70 to 42.70): BN000735.D (-642) (-)

Ion 71.00 (70.70 to 71.70): BN000735.D (-642) (-)



#8

2-Chlorophenol

Concen: 1.035 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

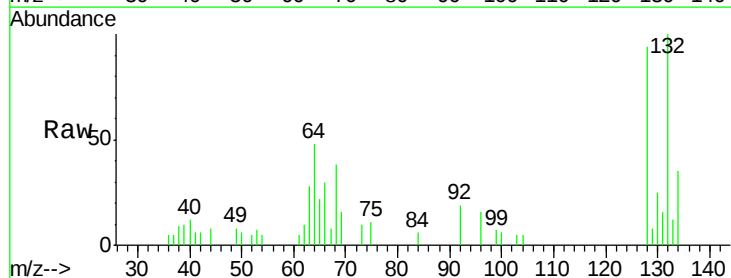
Tgt Ion:128 Resp: 8287

Ion Ratio Lower Upper

128 100

130 26.8 14.0 54.0

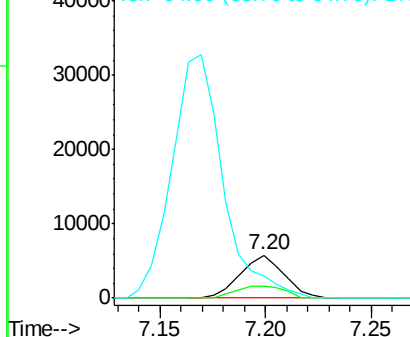
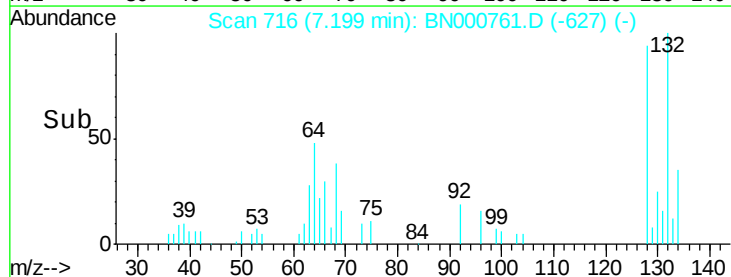
64 51.0 37.7 77.7

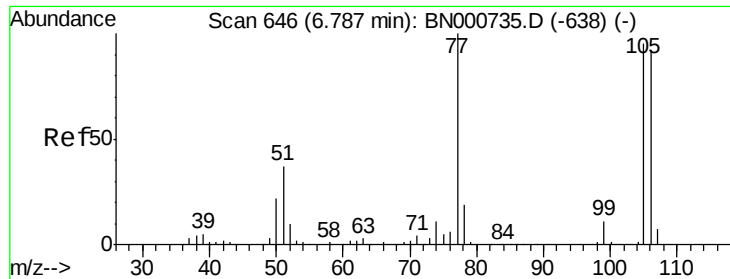


Abundance Ion 128.00 (127.70 to 128.70): BN000735.D (-709) (-)

Ion 130.00 (129.70 to 130.70): BN000735.D (-709) (-)

Ion 64.00 (63.70 to 64.70): BN000735.D (-709) (-)

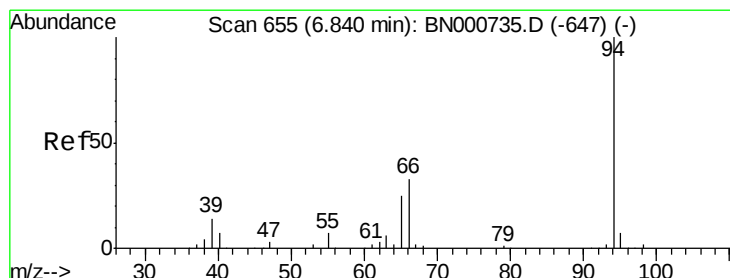
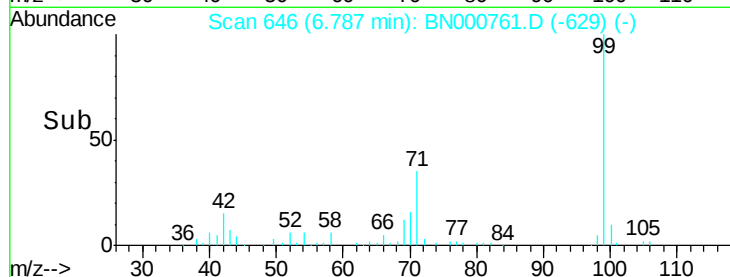
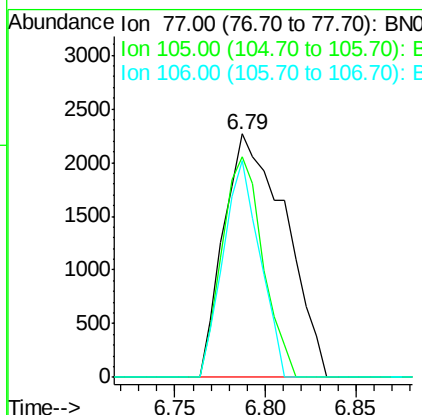
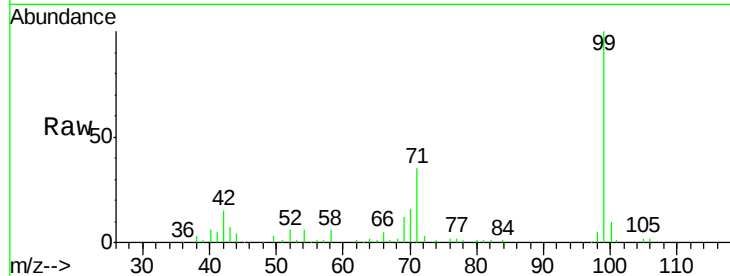




#9
Benzaldehyde
Concen: Below Cal
RT: 6.79 min Scan# 646
Delta R.T. 0.00 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

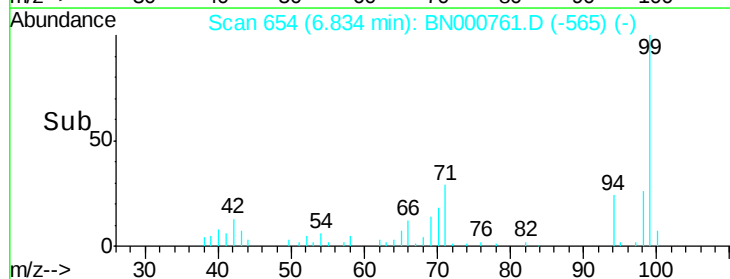
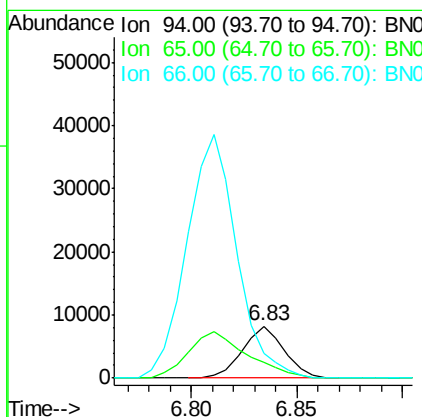
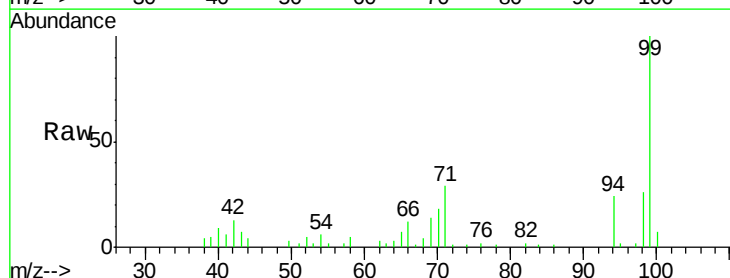
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

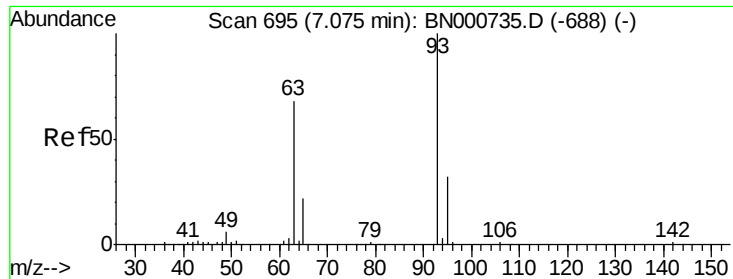
Tot Ion: 77 Resp: 5383
Ion Ratio Lower Upper
77 100
105 90.5 71.3 111.3
106 88.9 64.2 104.2



#10
Phenol
Concen: 0.996 ng
RT: 6.83 min Scan# 654
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion: 94 Resp: 11075
Ion Ratio Lower Upper
94 100
65 30.3 11.9 51.9
66 48.7 22.2 62.2

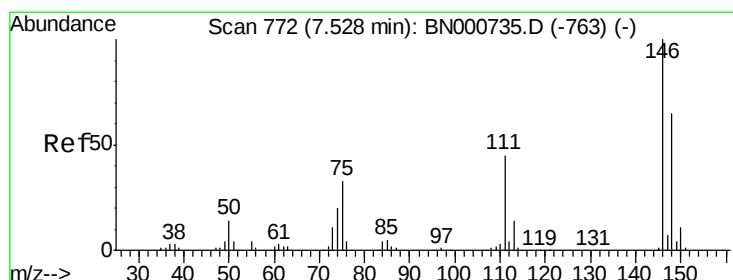
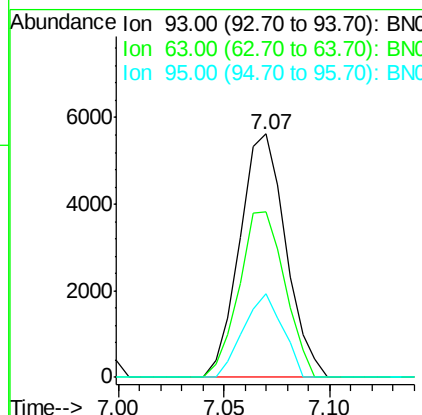
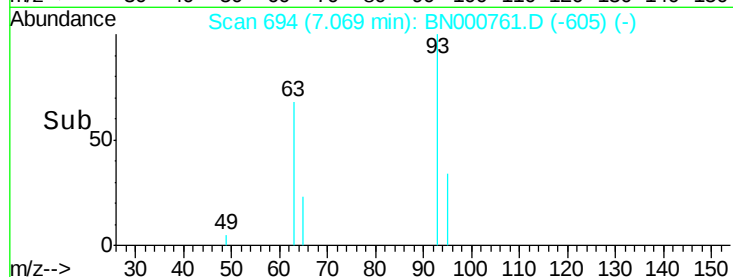
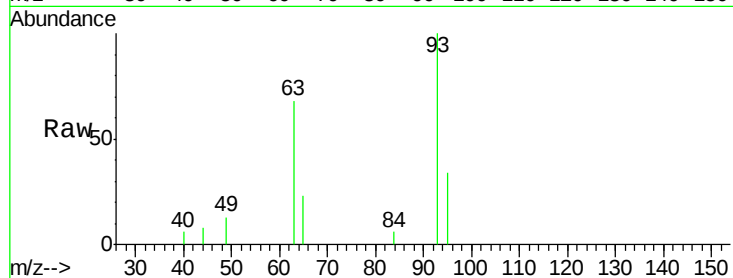




#11
bis(2-Chloroethyl)ether
Concen: 0.935 ng
RT: 7.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

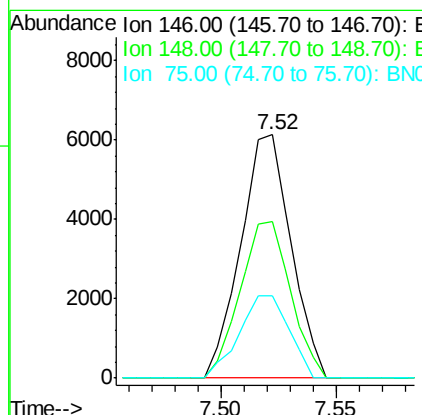
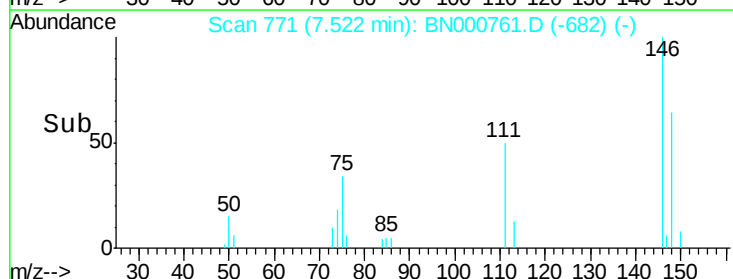
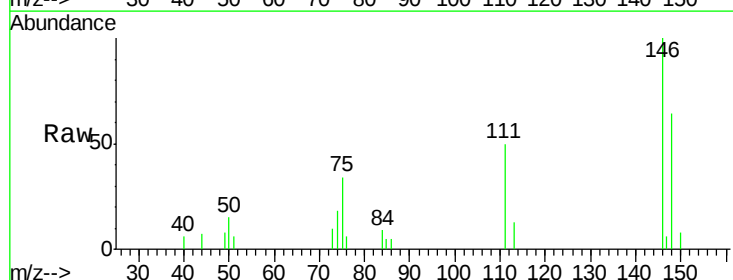
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

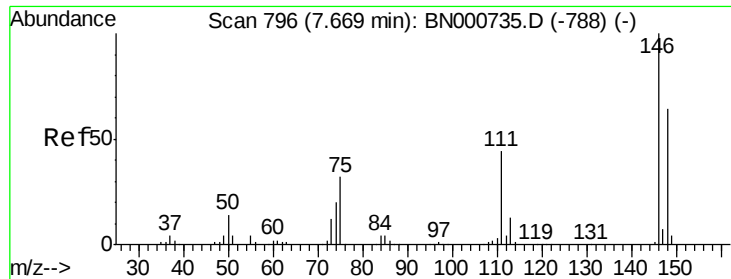
Tot Ion: 93 Resp: 8508
Ion Ratio Lower Upper
93 100
63 68.0 67.1 107.1
95 34.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 1.002 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion: 146 Resp: 9317
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
75 33.8 26.6 39.8

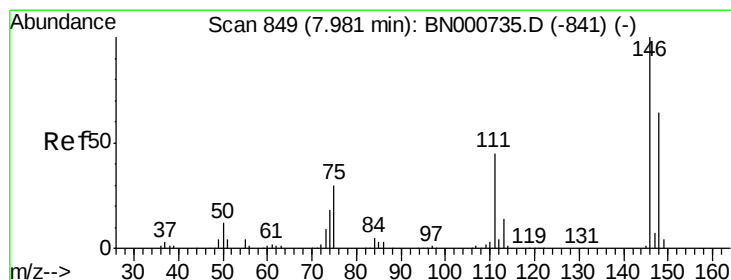
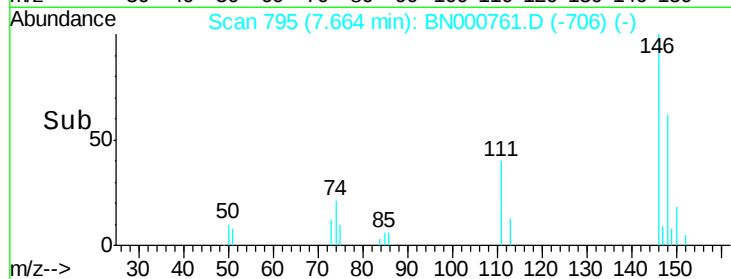
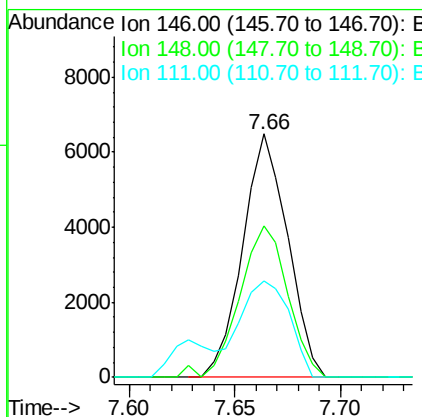
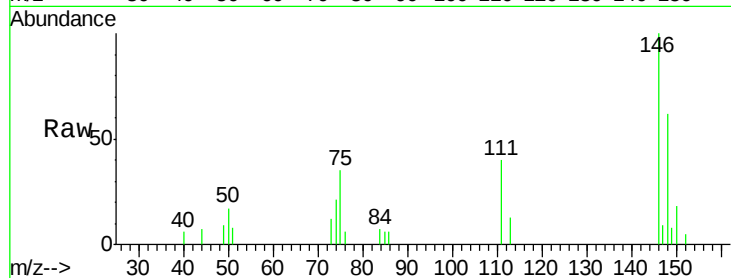




#13
 1,4-Dichlorobenzene
 Concen: 1.015 ng
 RT: 7.66 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

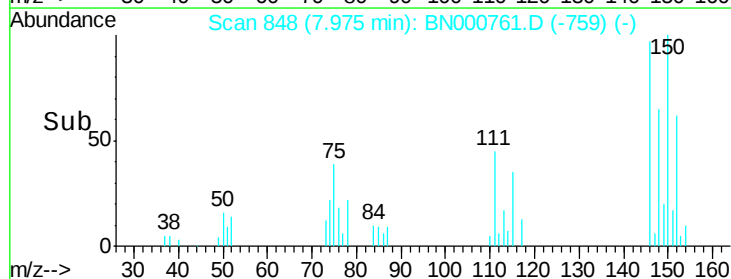
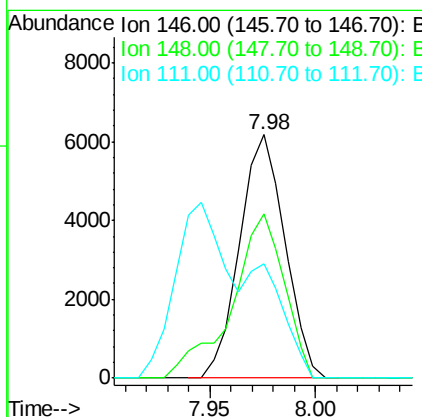
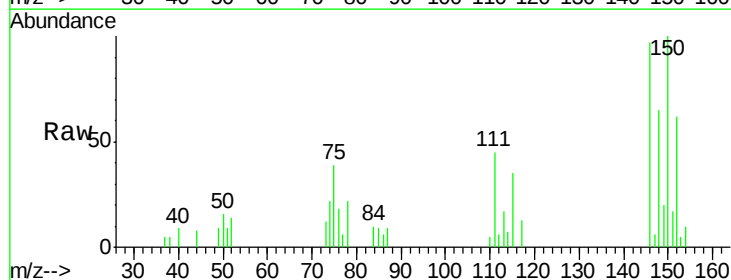
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

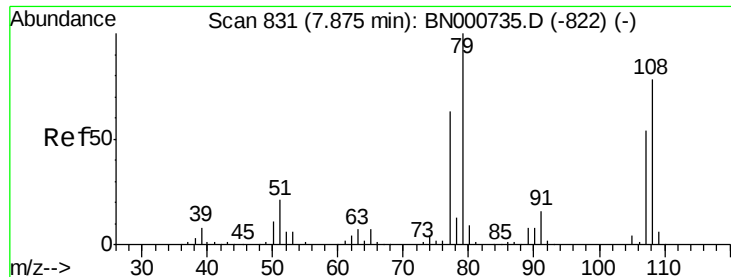
Tot Ion:146 Resp: 9586
 Ion Ratio Lower Upper
 146 100
 148 62.2 53.7 80.5
 111 39.8 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 1.018 ng
 RT: 7.98 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion:146 Resp: 9176
 Ion Ratio Lower Upper
 146 100
 148 67.5 49.3 73.9
 111 46.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 0.723 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

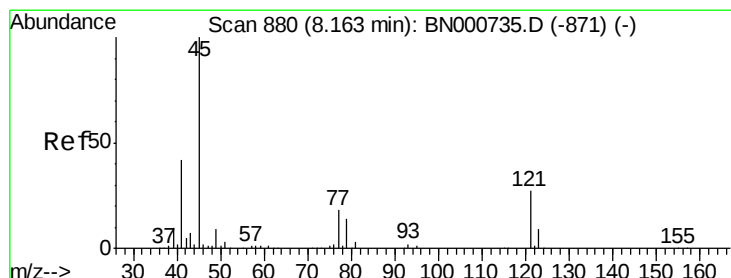
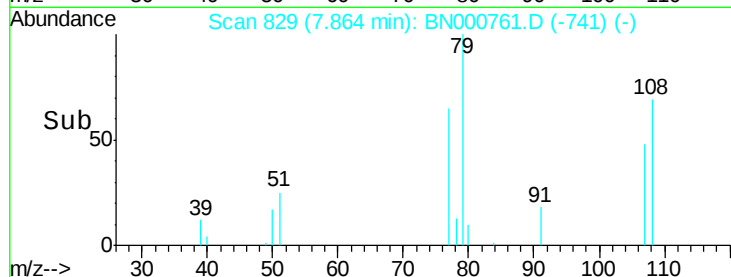
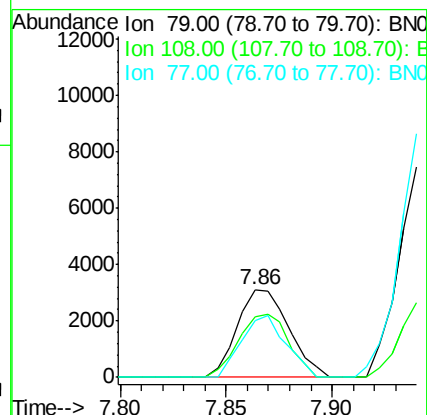
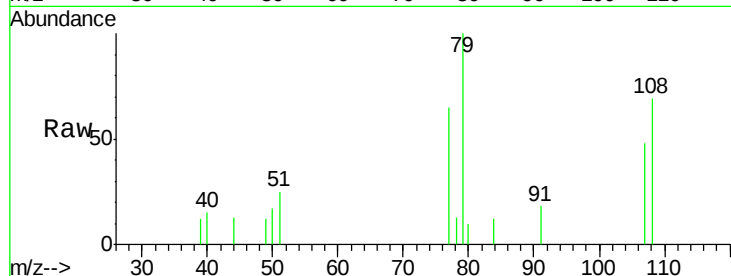
Tot Ion: 79 Resp: 5246

Ion Ratio Lower Upper

79 100

108 69.4 57.2 85.8

77 65.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.957 ng

RT: 8.16 min Scan# 879

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

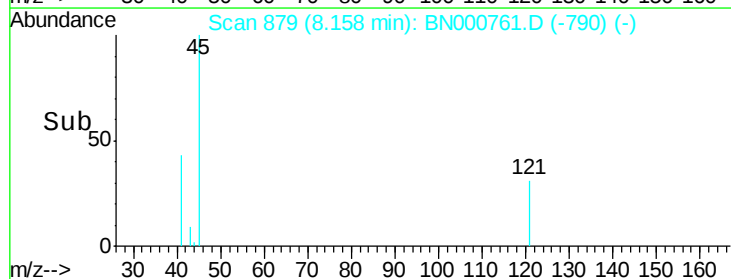
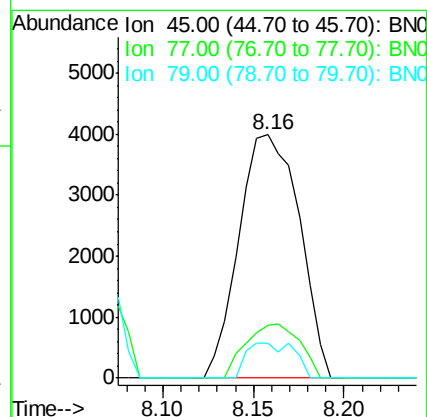
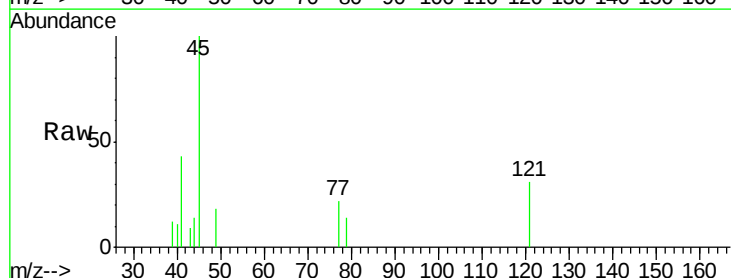
Tgt Ion: 45 Resp: 9247

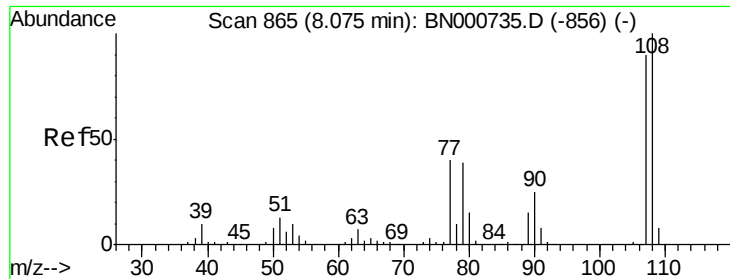
Ion Ratio Lower Upper

45 100

77 21.6 0.0 30.2

79 14.2 0.0 27.9

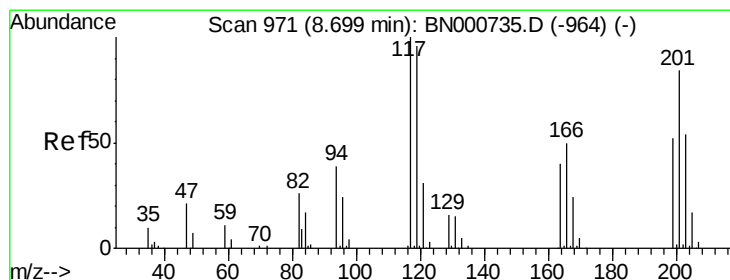
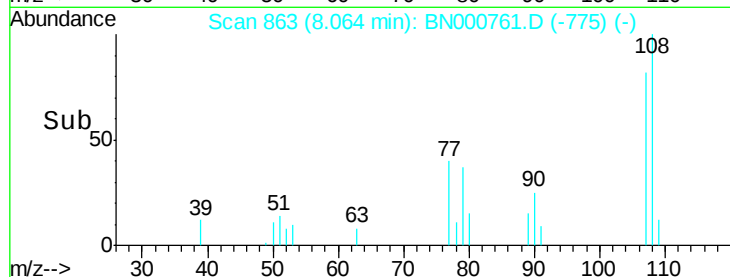
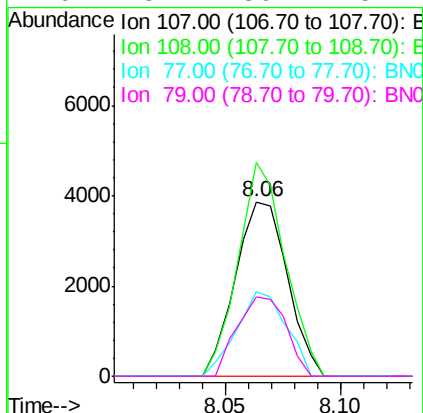
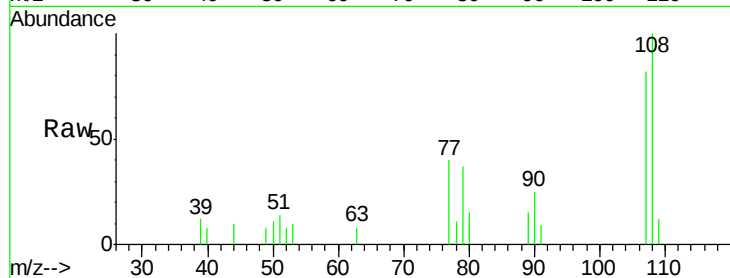




#17
2-Methylphenol
Concen: 0.813 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

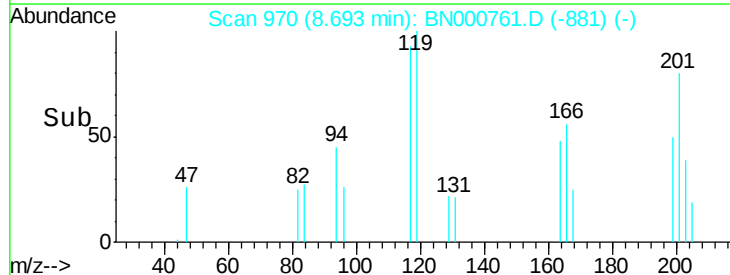
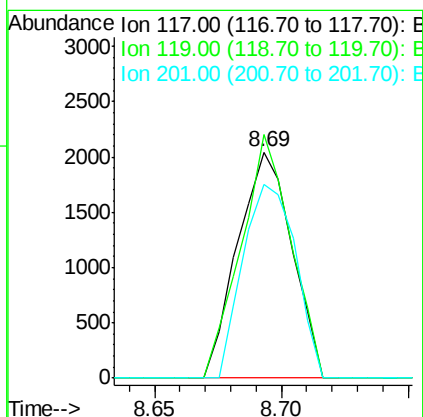
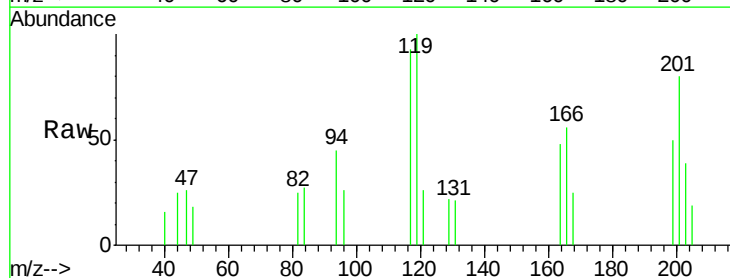
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

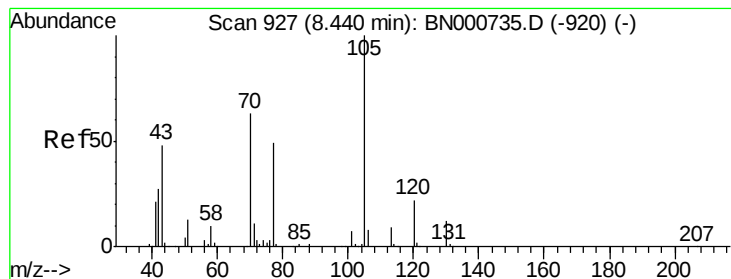
Tot Ion:	107	Resp:	6077
Ion	Ratio	Lower	Upper
107	100		
108	122.3	83.9	125.9
77	48.7	37.2	55.8
79	45.4	36.2	54.2



#18
Hexachloroethane
Concen: 0.877 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion:	117	Resp:	3053
Ion	Ratio	Lower	Upper
117	100		
119	107.6	76.7	115.1
201	85.9	95.7	143.5#





#19

n-Nitroso-di-n-propylamine

Concen: 0.718 ng

RT: 8.43 min Scan# 925

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion: 70 Resp: 4710

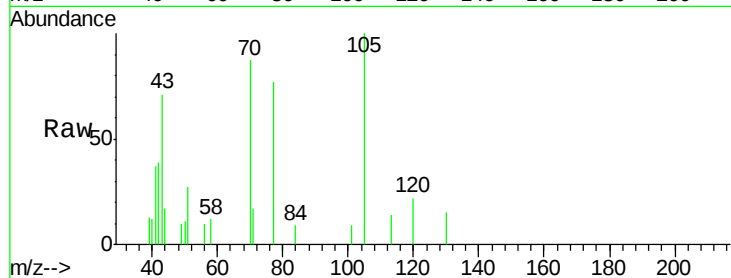
Ion Ratio Lower Upper

70 100

42 45.2 49.1 73.7#

101 10.6 8.5 12.7

130 16.7 13.4 20.0

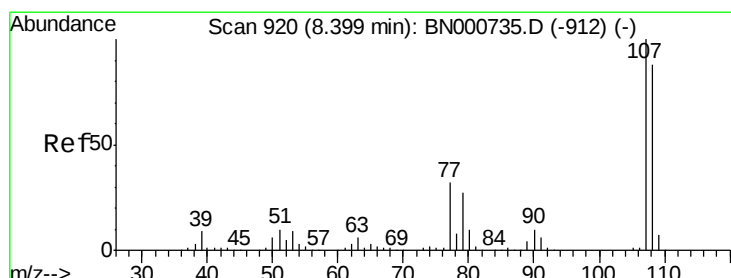
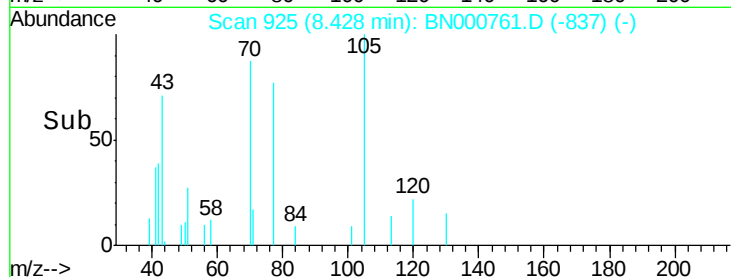
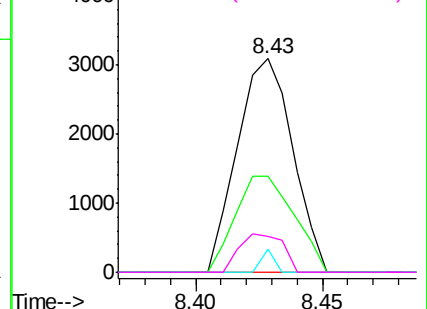


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 0.774 ng

RT: 8.39 min Scan# 918

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Tgt Ion:107 Resp: 7949

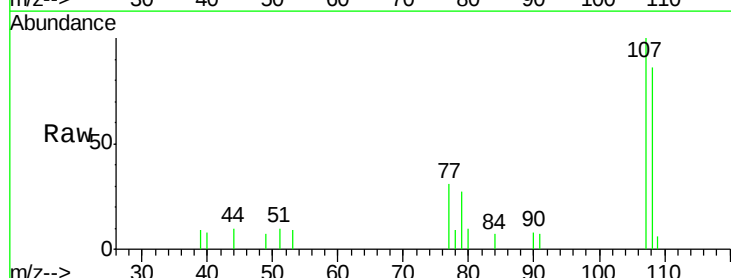
Ion Ratio Lower Upper

107 100

108 86.2 61.6 101.6

77 31.0 13.9 53.9

79 26.5 8.8 48.8

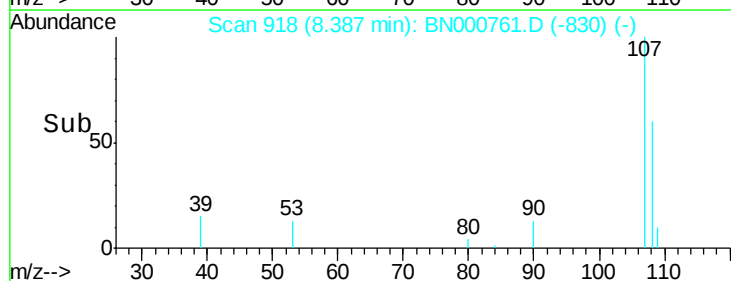
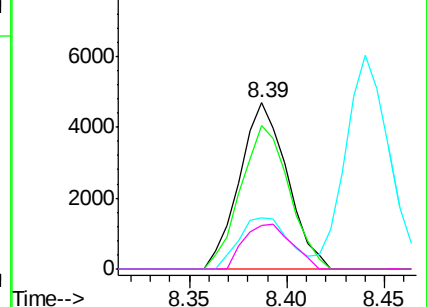


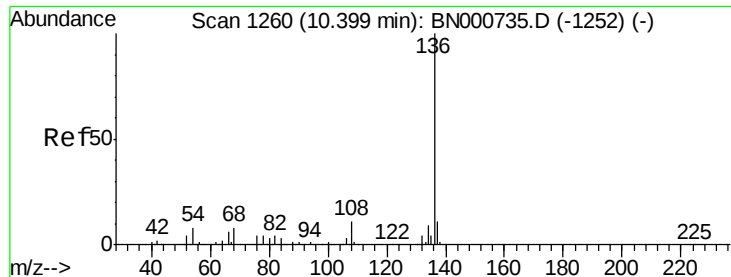
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:136 Resp: 476969

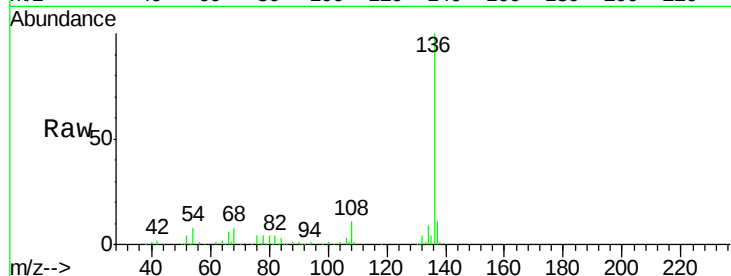
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.5 10.3 15.5#

68 7.8 4.5 6.7#

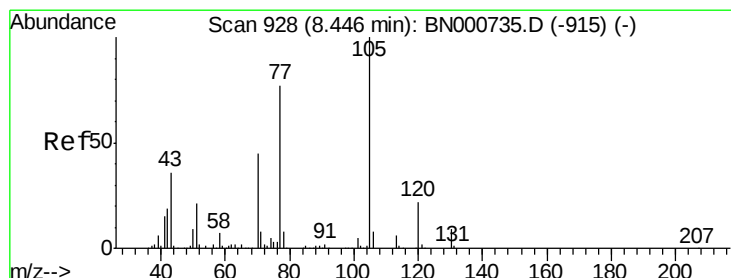
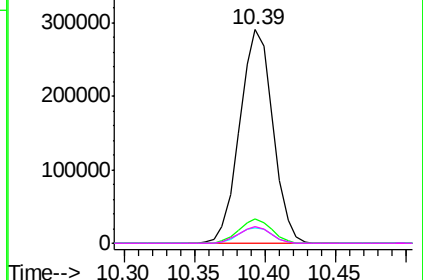
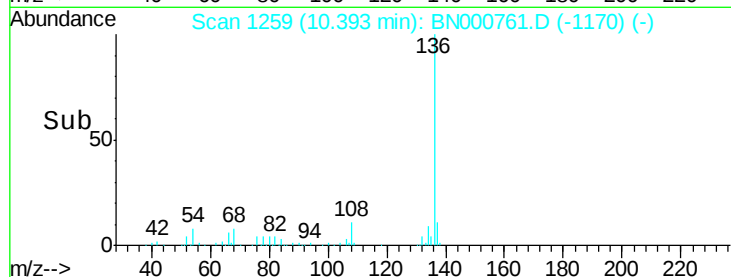


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 0.865 ng

RT: 8.44 min Scan# 927

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Tgt Ion:105 Resp: 11818

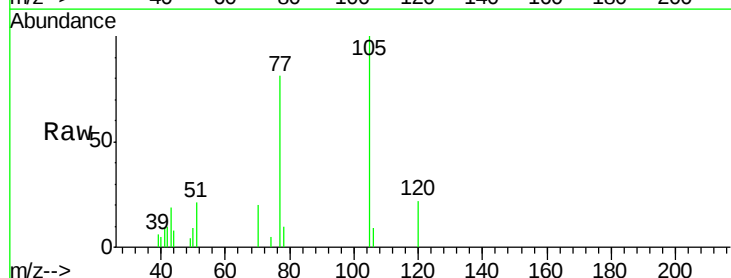
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 21.1 26.1 39.1#

120 22.4 17.4 26.2

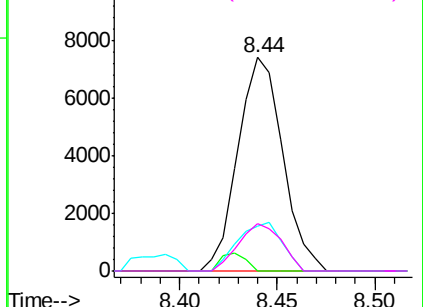
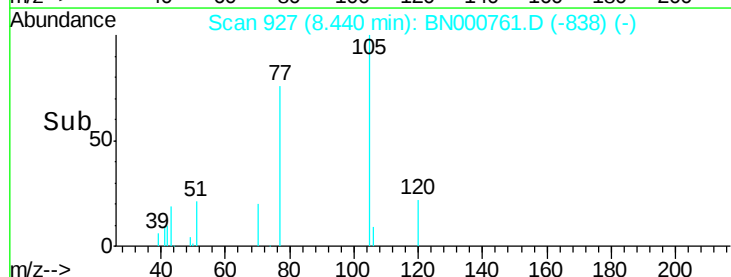


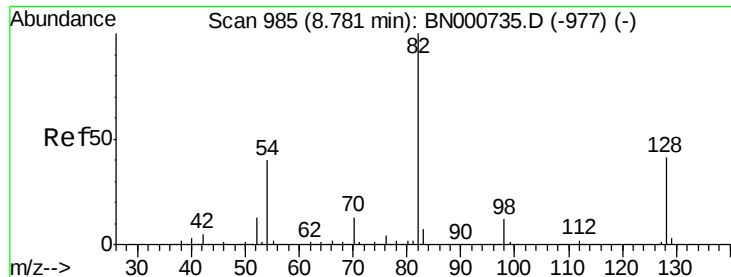
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E

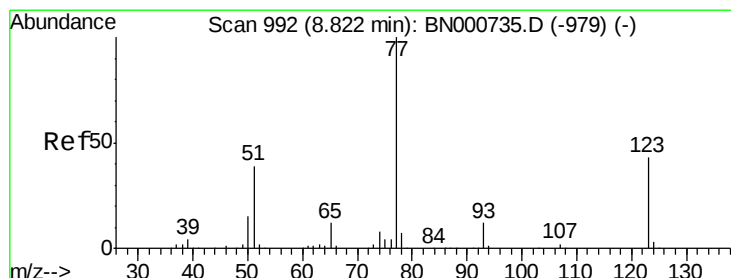
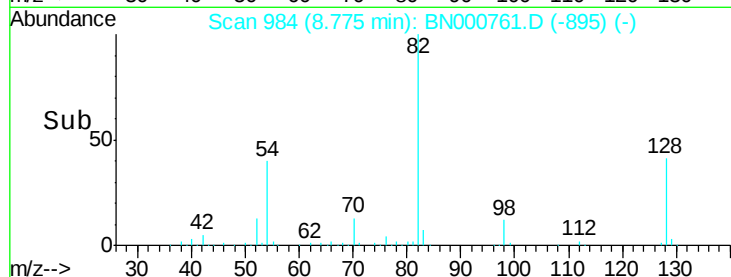
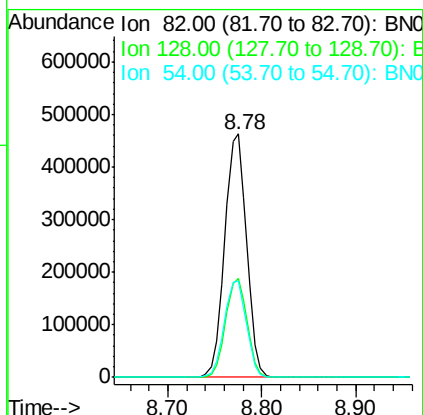
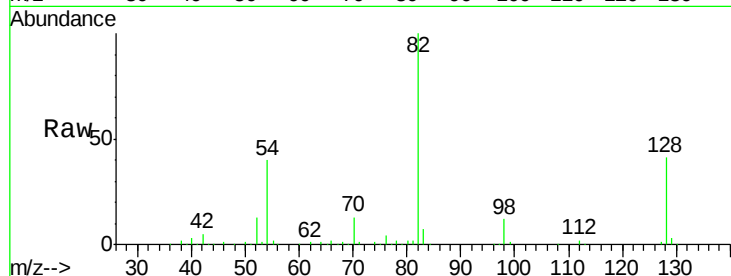




#23
 Nitrobenzene-d5
 Concen: 81.712 ng
 RT: 8.78 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

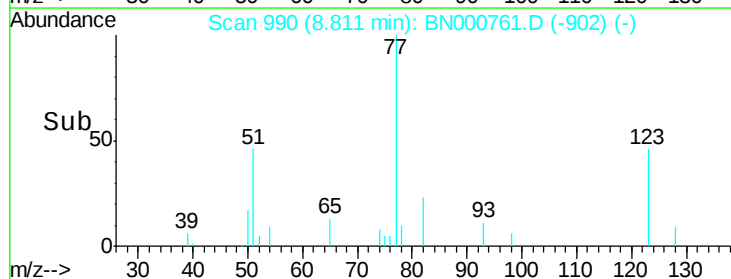
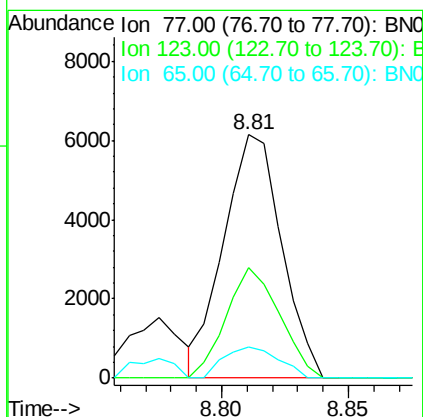
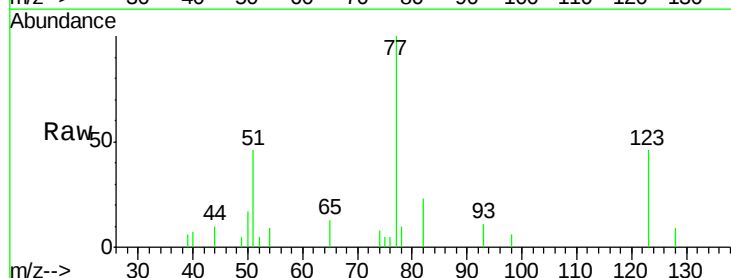
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

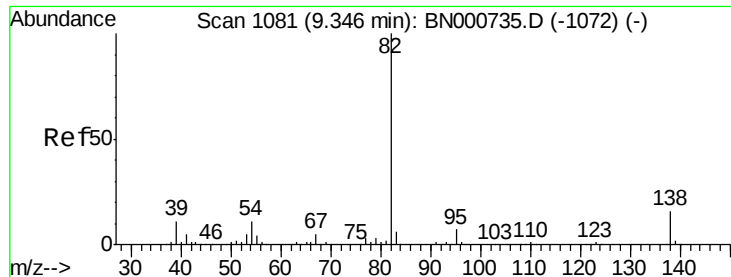
Tot Ion: 82 Resp: 747631
 Ion Ratio Lower Upper
 82 100
 128 40.8 29.7 44.5
 54 39.6 43.1 64.7#



#24
 Nitrobenzene
 Concen: 0.997 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion: 77 Resp: 9779
 Ion Ratio Lower Upper
 77 100
 123 45.6 33.0 49.6
 65 13.0 13.0 19.6





#25

Isophorone

Concen: 0.739 ng

RT: 9.33 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

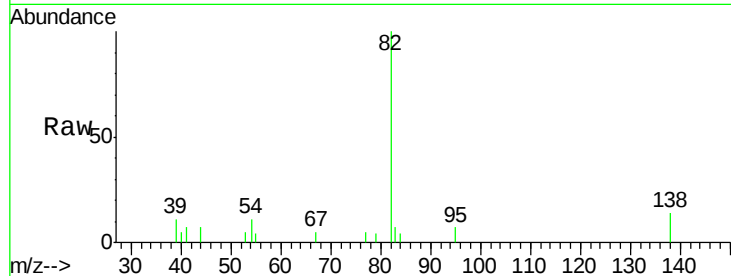
Tot Ion: 82 Resp: 12257

Ion Ratio Lower Upper

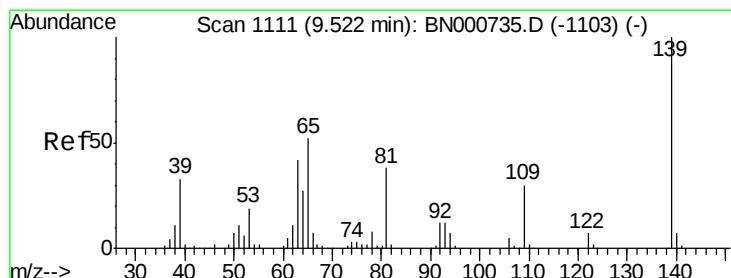
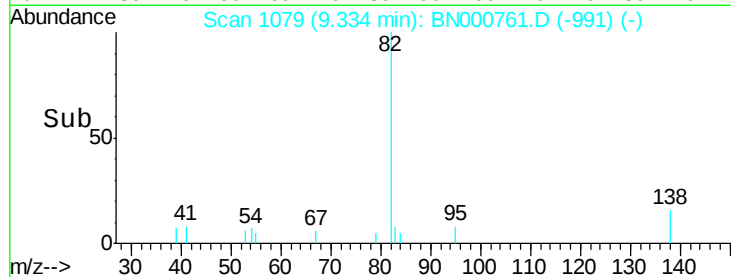
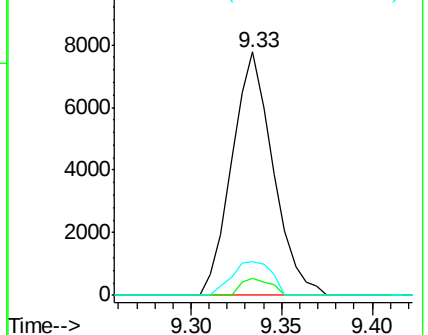
82 100

95 7.2 6.2 9.2

138 14.1 12.1 18.1



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



#26

2-Nitrophenol

Concen: 0.623 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

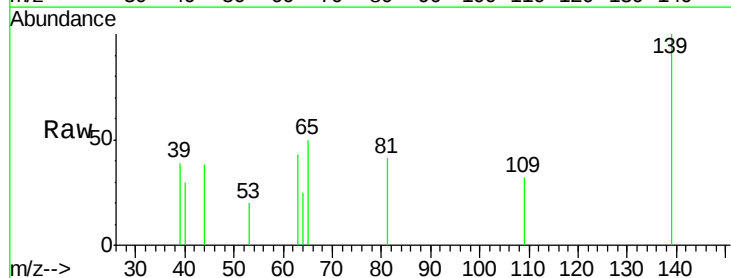
Tgt Ion: 139 Resp: 2505

Ion Ratio Lower Upper

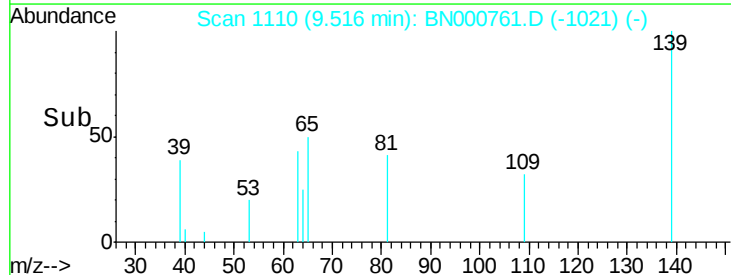
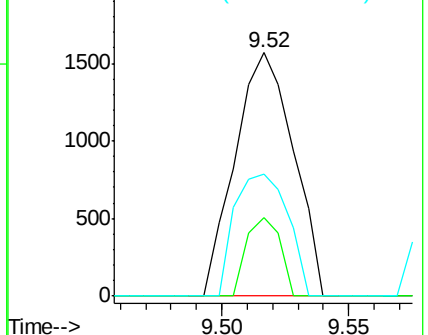
139 100

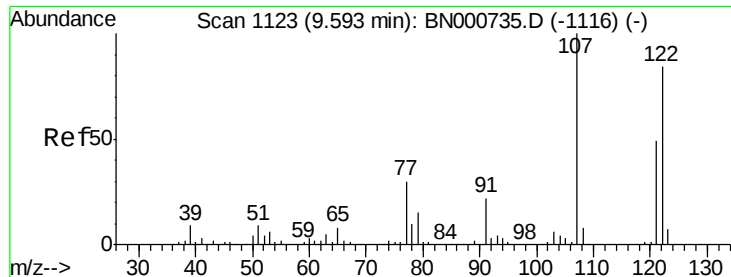
109 32.1 24.2 36.2

65 50.2 47.4 71.0



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

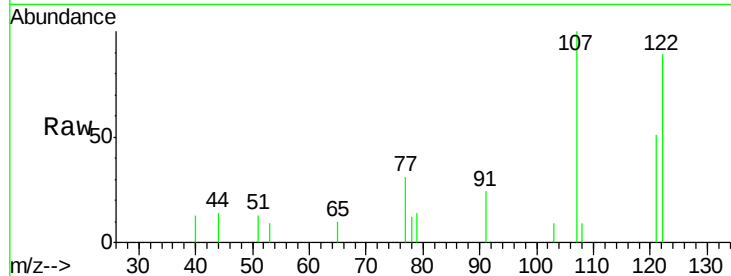




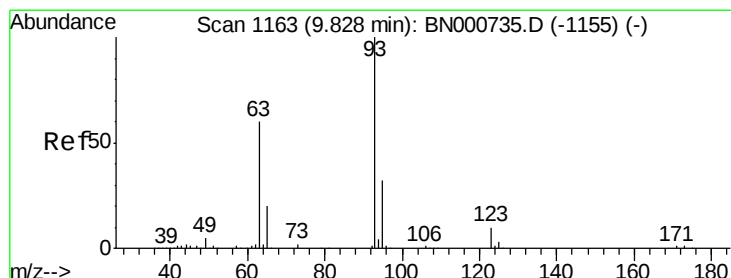
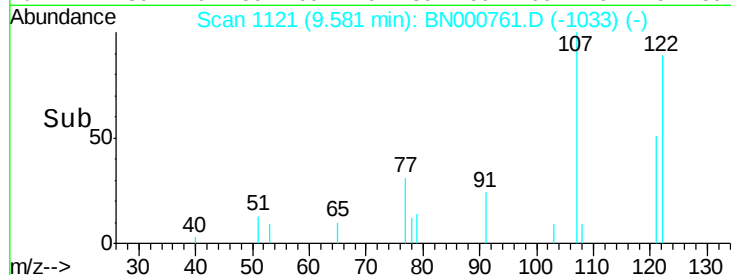
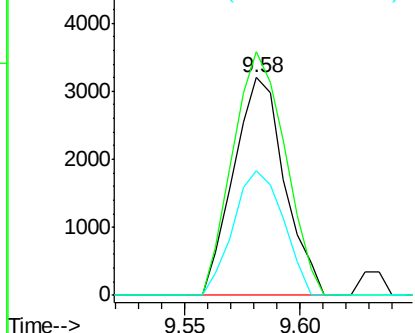
#27
 2,4-Dimethylphenol
 Concen: 0.751 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

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

Tot Ion:122 Resp: 4930
 Ion Ratio Lower Upper
 122 100
 107 111.7 100.2 150.2
 121 57.1 44.4 66.6

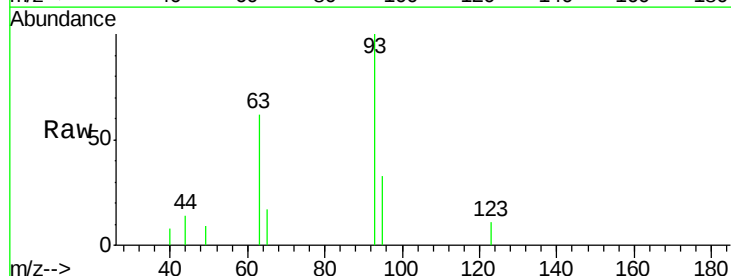


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

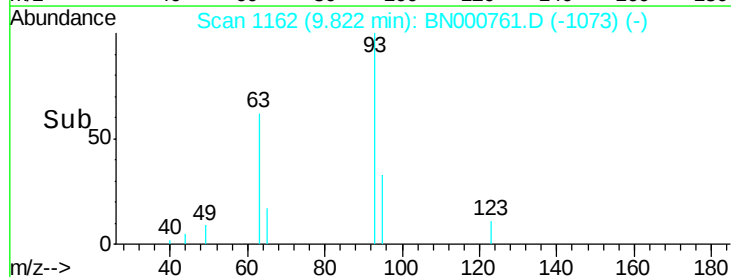
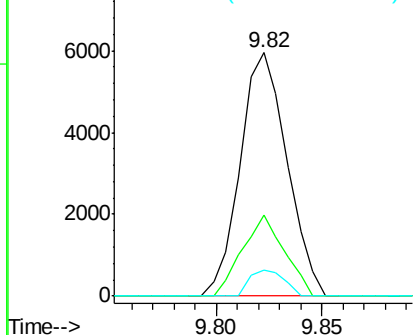


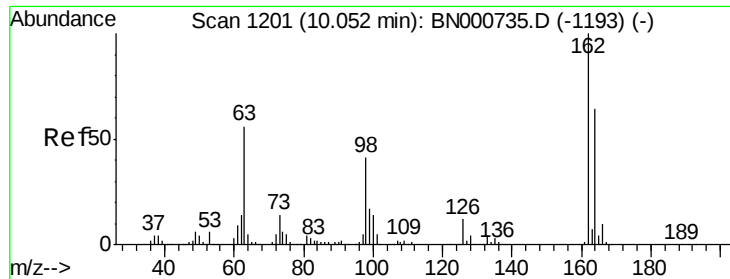
#28
 bis(2-Chloroethoxy)methane
 Concen: 0.848 ng
 RT: 9.82 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion: 93 Resp: 9162
 Ion Ratio Lower Upper
 93 100
 95 33.2 24.3 36.5
 123 10.8 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

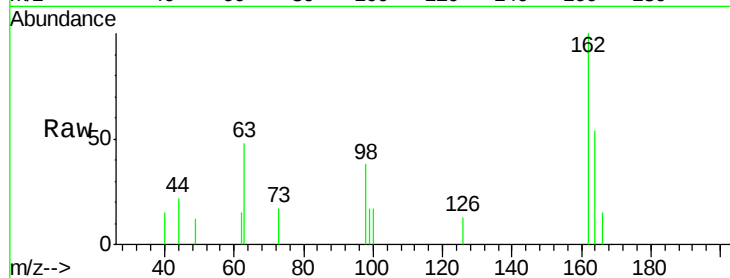




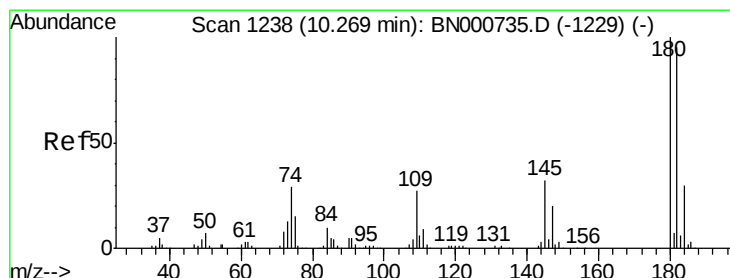
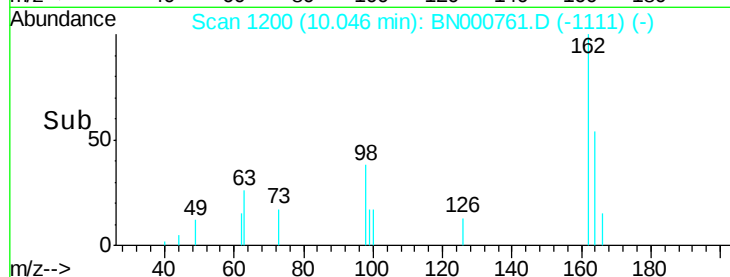
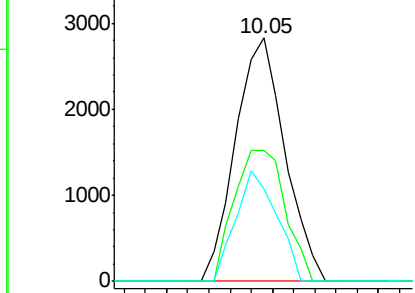
#29
2,4-Dichlorophenol
Concen: 0.711 ng
RT: 10.05 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

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

Tot Ion:162 Resp: 4593
Ion Ratio Lower Upper
162 100
164 54.0 48.0 88.0
98 37.9 21.1 61.1

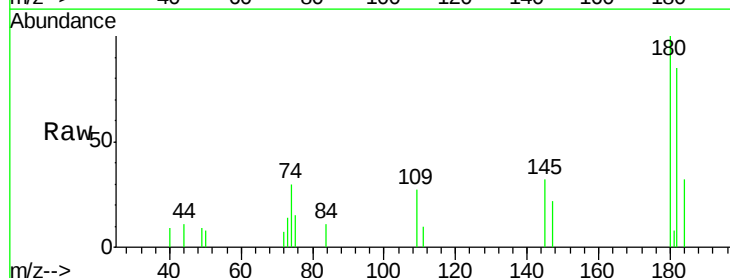


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNC

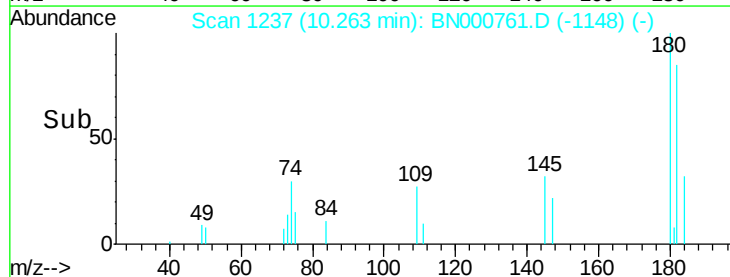
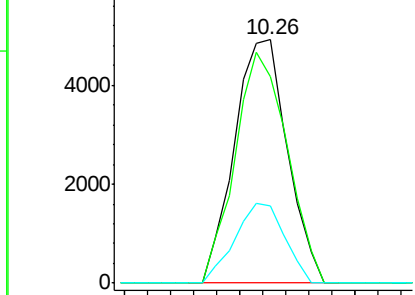


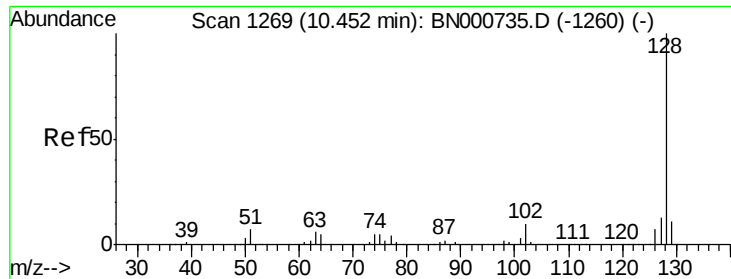
#30
1,2,4-Trichlorobenzene
Concen: 1.009 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion:180 Resp: 7861
Ion Ratio Lower Upper
180 100
182 84.6 77.5 116.3
145 31.9 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

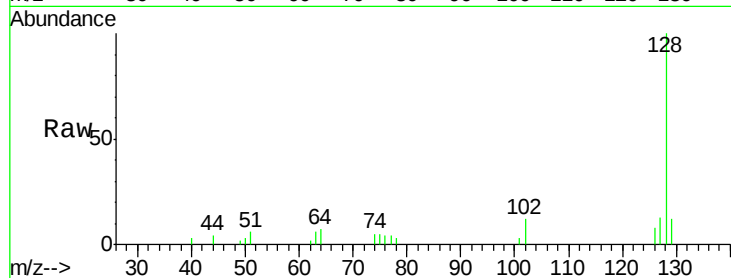




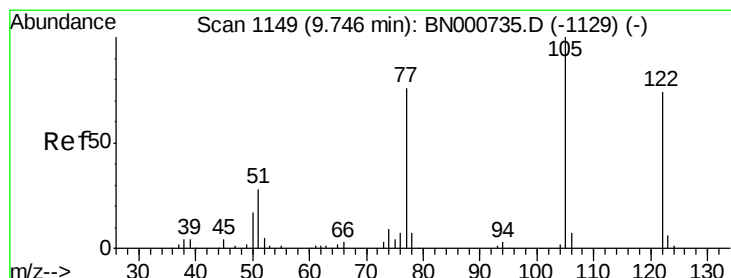
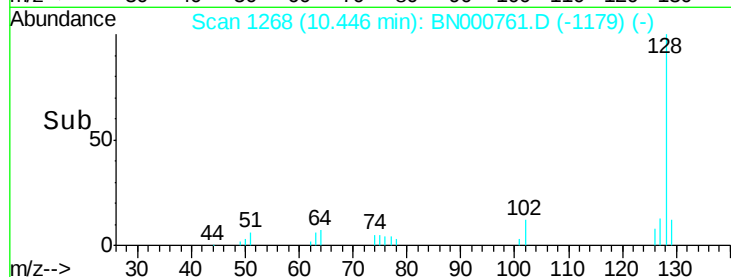
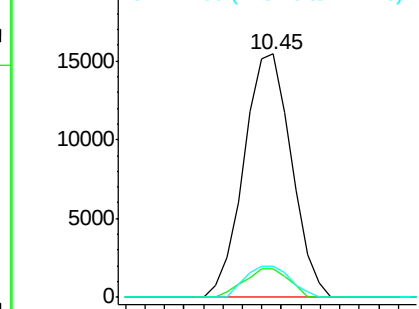
#31
Naphthalene
Concen: 1.016 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

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

Tot Ion:128 Resp: 26051
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 12.7 11.6 17.4

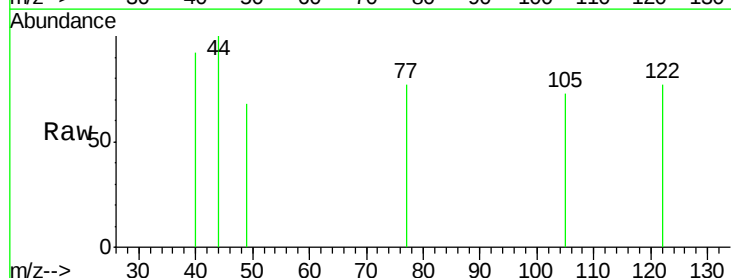


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

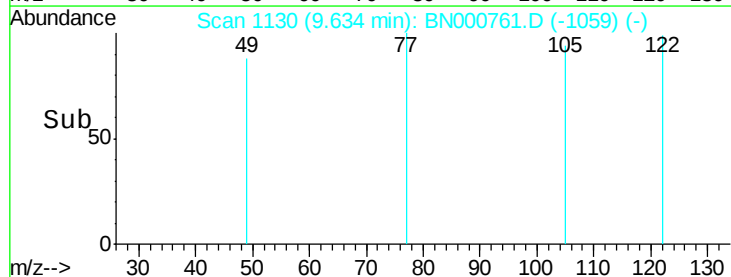
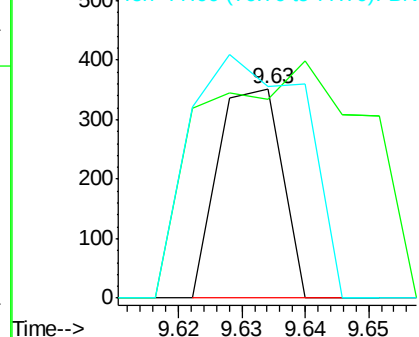


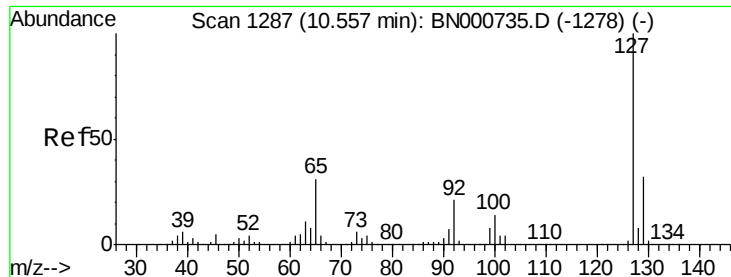
#32
Benzoic acid
Concen: 4.630 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.11 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion:122 Resp: 243
Ion Ratio Lower Upper
122 100
105 95.2 123.5 163.5#
77 100.9 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BNC

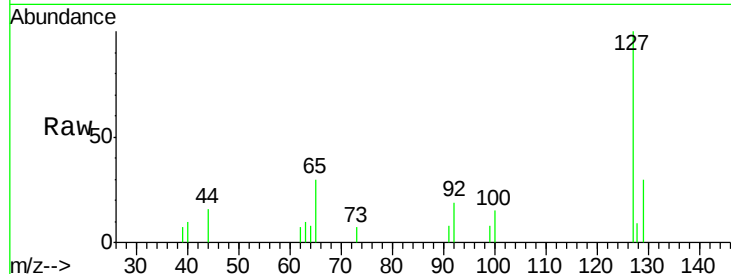




#33
4-Chloroaniline
Concen: 0.734 ng
RT: 10.56 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

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

Tot Ion:127	Resp:	7681
Ion	Ratio	Lower Upper
127	100	
129	29.8	24.0 36.0
65	30.4	27.0 40.4
92	18.7	16.6 25.0

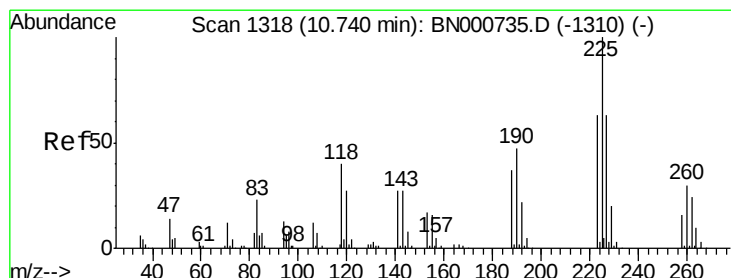
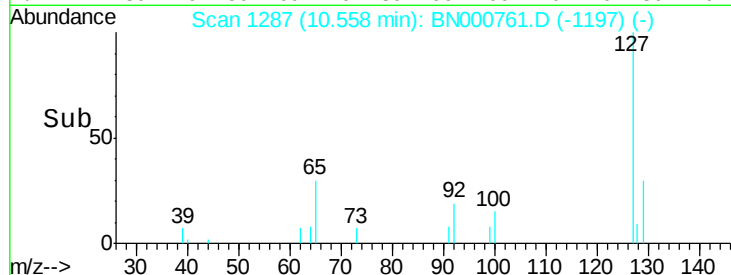
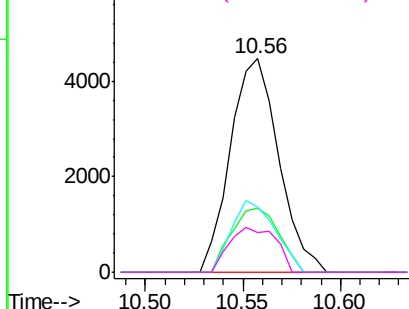


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

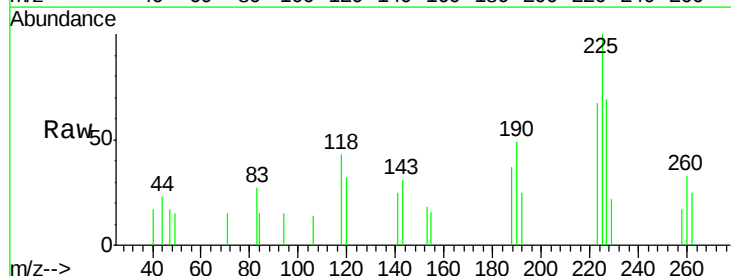
Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC



#34
Hexachlorobutadiene
Concen: 0.976 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

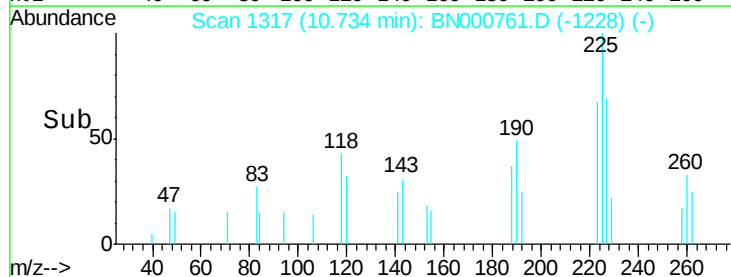
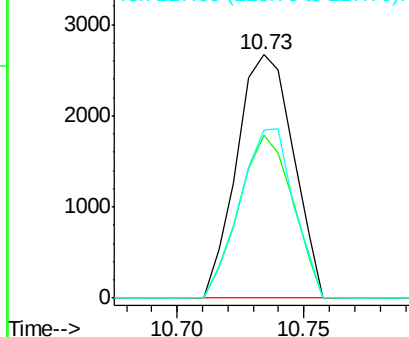
Tgt Ion:225	Resp:	4130
Ion	Ratio	Lower Upper
225	100	
223	66.8	49.7 74.5
227	69.1	48.1 72.1

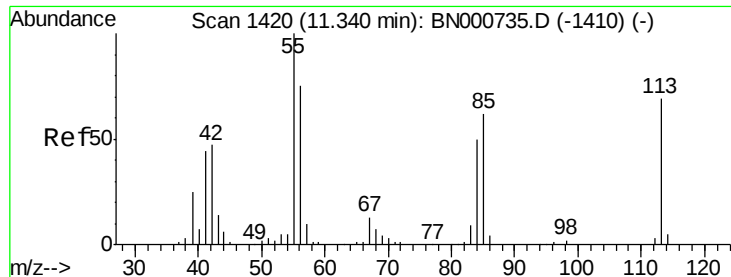


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

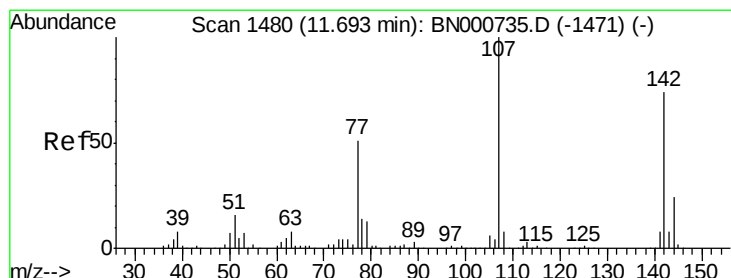
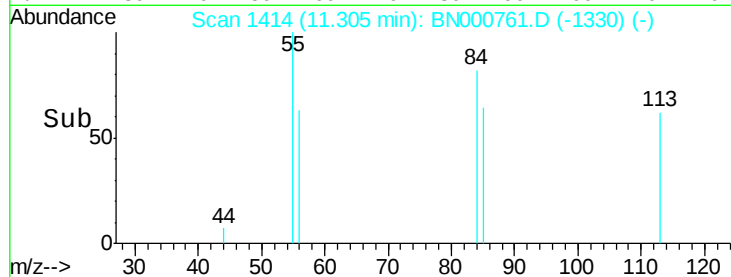
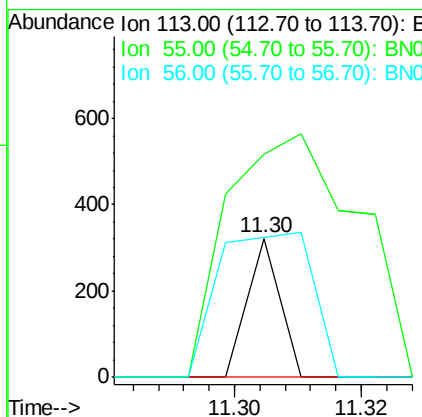
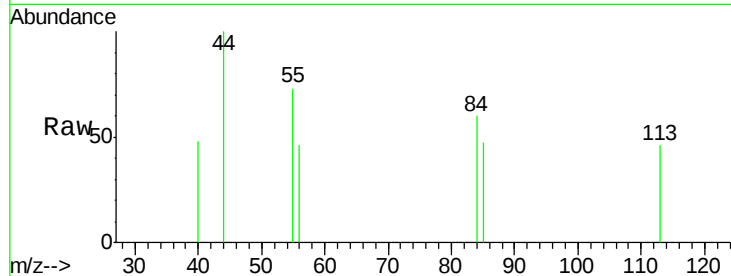




#35
 Caprolactam
 Concen: 0.051 ng
 RT: 11.30 min Scan# 1414
 Delta R.T. -0.04 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

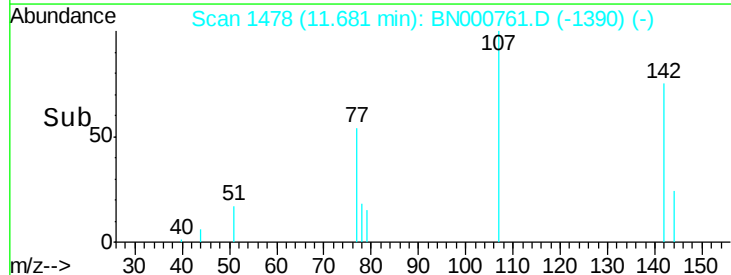
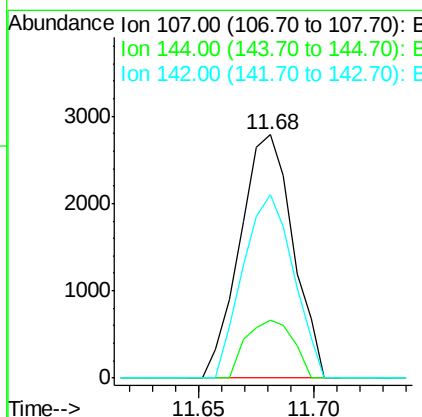
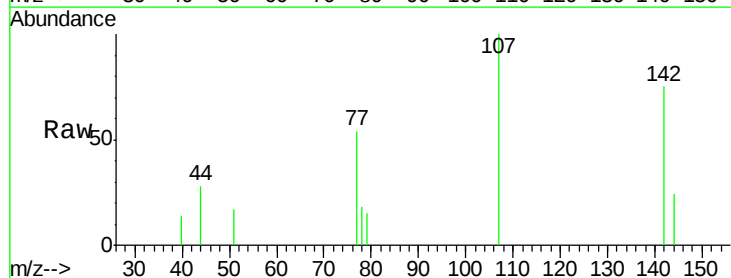
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

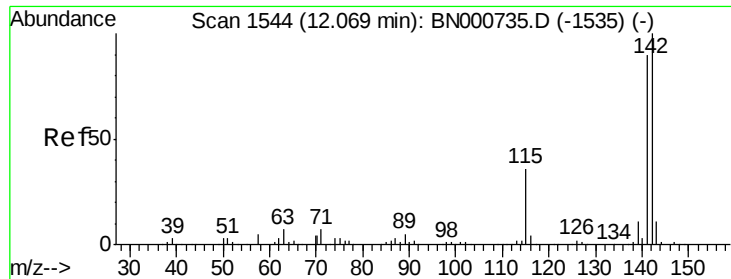
Tot Ion:113 Resp: 114
 Ion Ratio Lower Upper
 113 100
 55 160.2 120.0 160.0#
 56 100.9 90.0 130.0



#36
 4-Chloro-3-methylphenol
 Concen: 0.585 ng
 RT: 11.68 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion:107 Resp: 4465
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.2 27.4
 142 75.2 59.0 88.4

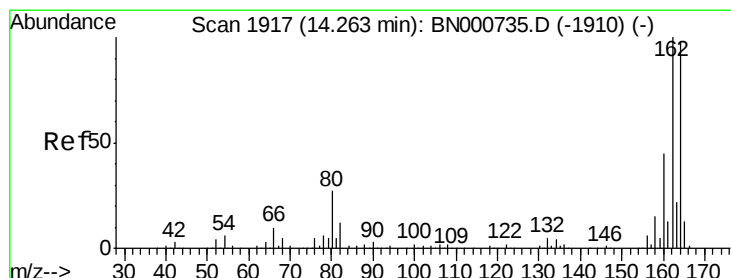
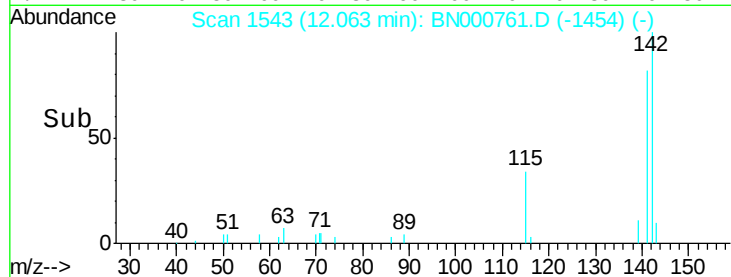
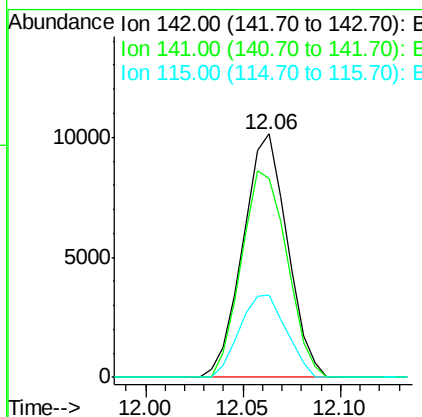
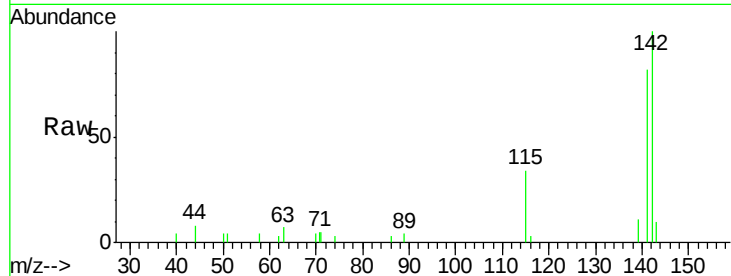




#37
2-Methylnaphthalene
Concen: 0.953 ng
RT: 12.06 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

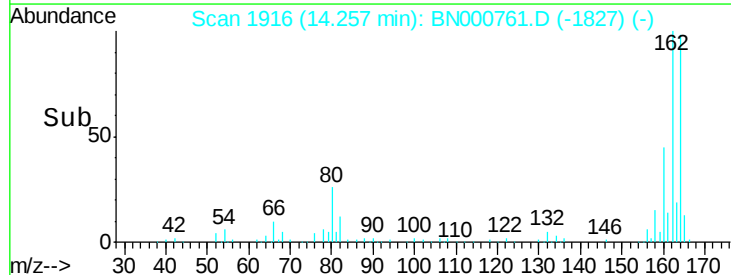
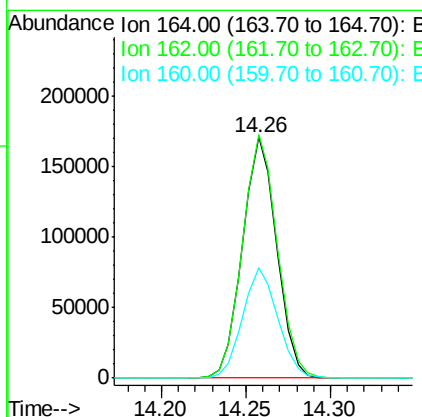
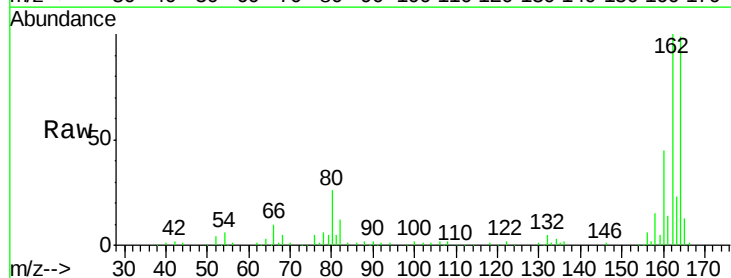
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

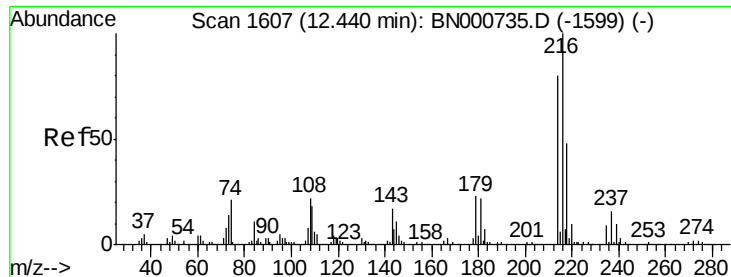
Tot Ion:142 Resp: 16015
Ion Ratio Lower Upper
142 100
141 81.9 67.1 100.7
115 33.7 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion:164 Resp: 240977
Ion Ratio Lower Upper
164 100
162 101.2 78.8 118.2
160 45.8 35.4 53.0

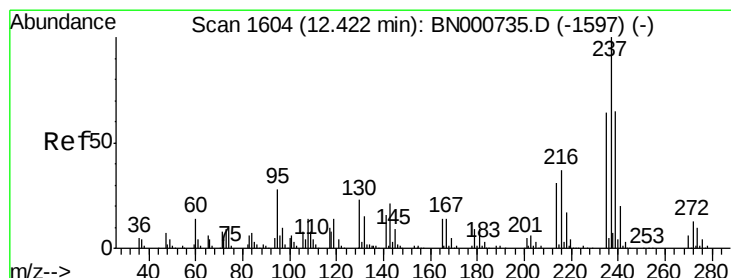
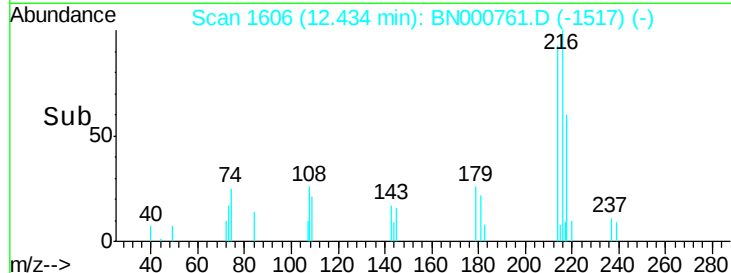
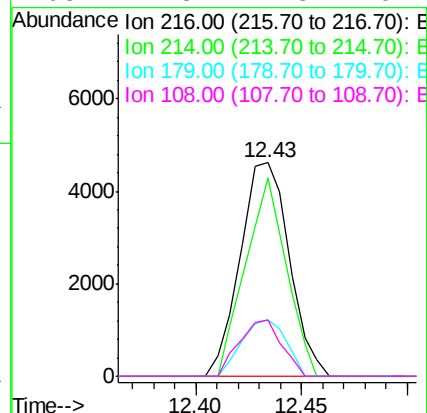
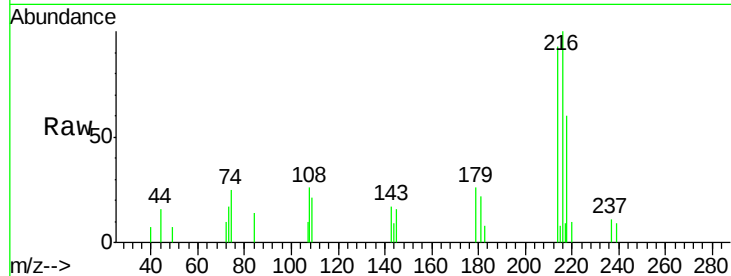




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.997 ng
 RT: 12.43 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

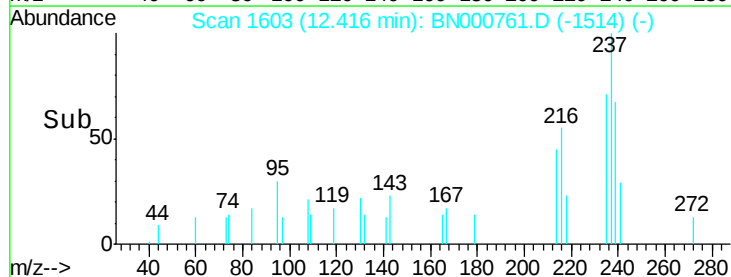
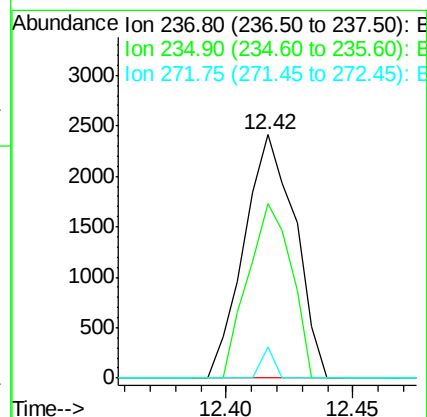
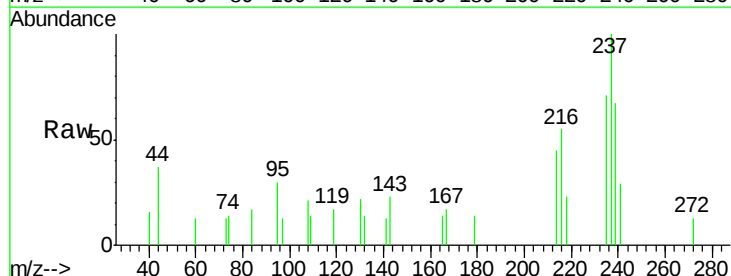
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

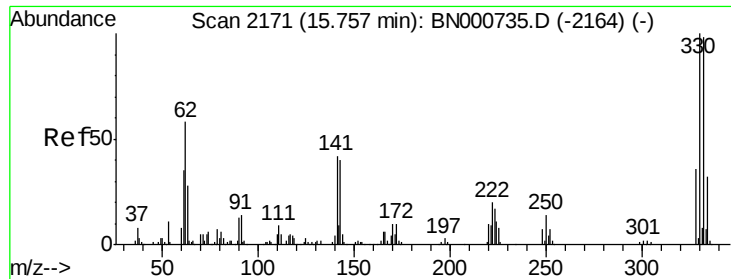
Tot Ion:216 Resp: 7450
 Ion Ratio Lower Upper
 216 100
 214 77.4 63.0 94.4
 179 23.9 17.0 25.6
 108 22.8 12.8 19.2#



#40
 Hexachlorocyclopentadiene
 Concen: 0.773 ng
 RT: 12.42 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion:237 Resp: 3387
 Ion Ratio Lower Upper
 237 100
 235 71.4 50.4 90.4
 272 12.6 0.0 31.8

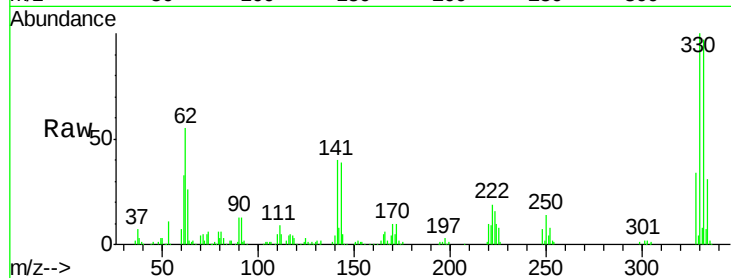




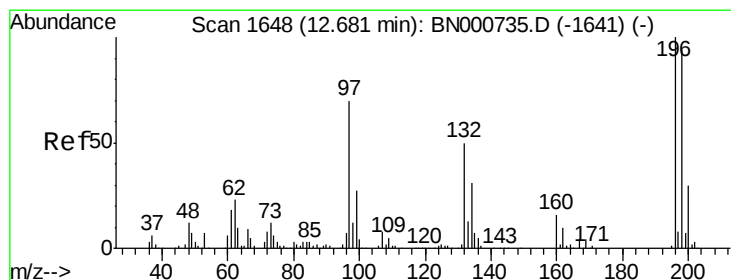
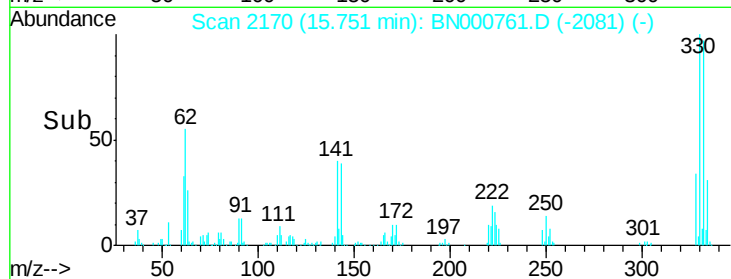
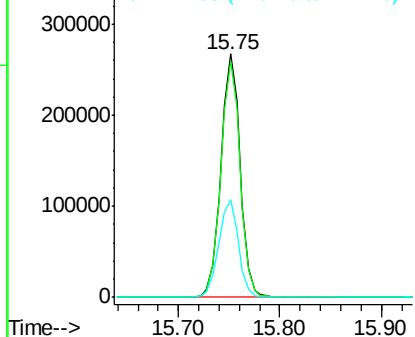
#41
 2,4,6-Tribromophenol
 Concen: 144.876 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

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

Tot Ion:330 Resp: 351460
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 40.9 25.2 37.8#

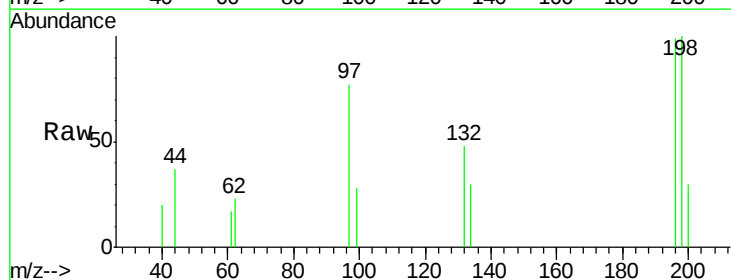


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

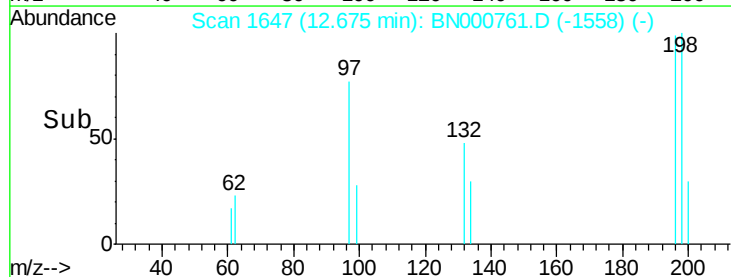
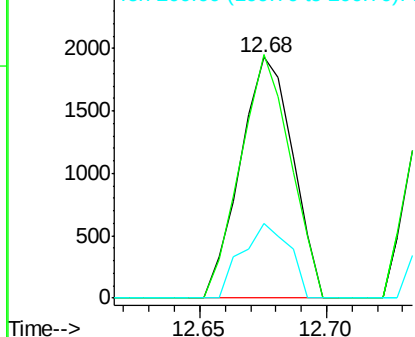


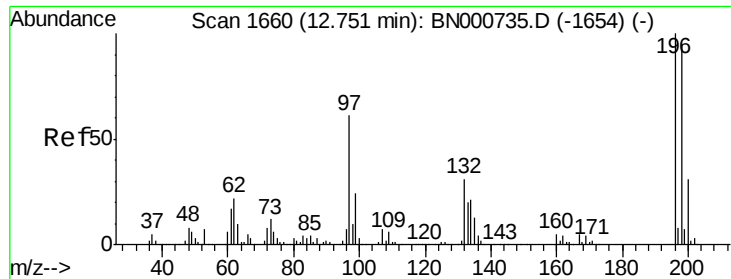
#42
 2,4,6-Trichlorophenol
 Concen: 0.617 ng
 RT: 12.68 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion:196 Resp: 2797
 Ion Ratio Lower Upper
 196 100
 198 101.2 78.2 117.2
 200 30.8 24.6 36.8



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

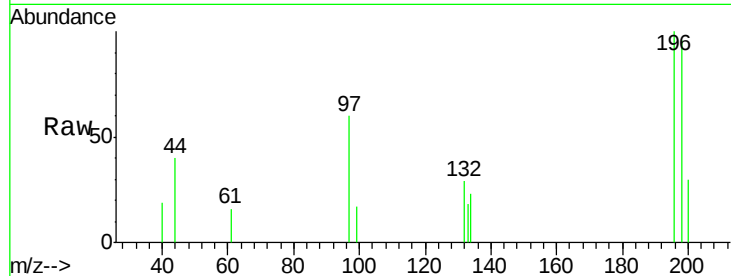




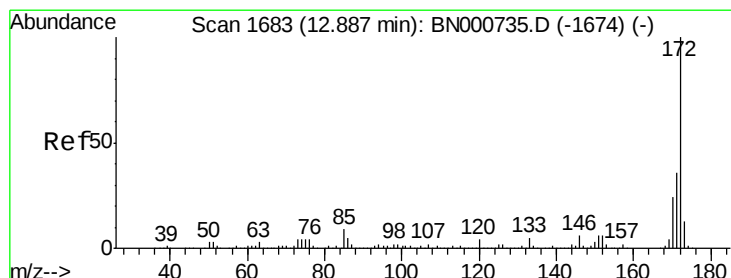
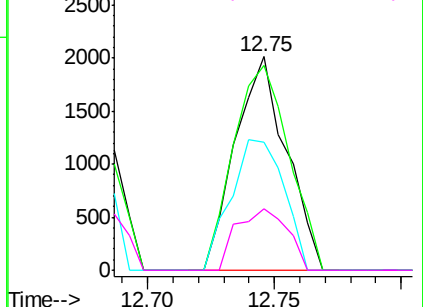
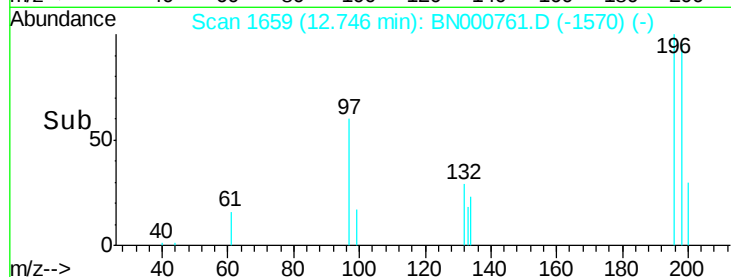
#43
2,4,5-Trichlorophenol
Concen: 0.542 ng
RT: 12.75 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

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

Tot Ion:196 Resp: 2836
Ion Ratio Lower Upper
196 100
198 95.8 76.2 114.4
97 60.2 38.7 58.1#
132 28.6 20.2 30.2

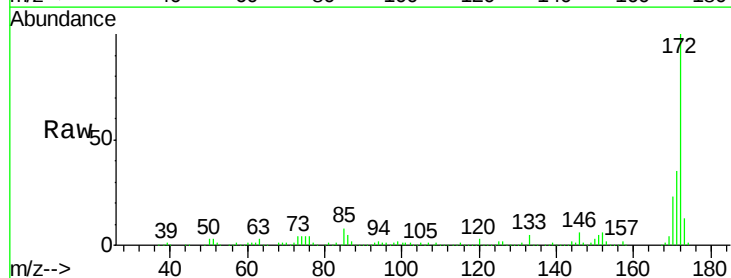


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BNC
Ion 132.00 (131.70 to 132.70): E

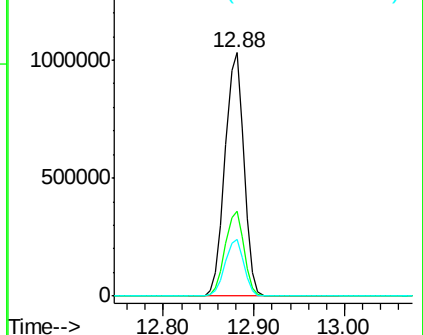
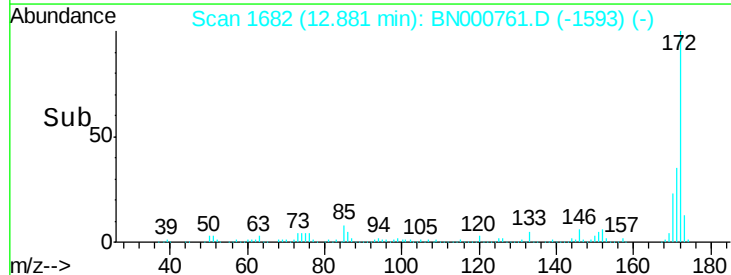


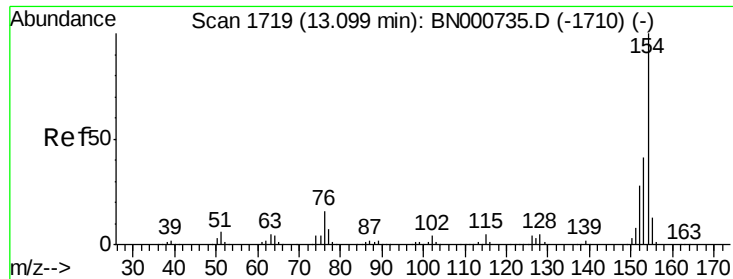
#44
2-Fluorobiphenyl
Concen: 85.504 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion:172 Resp: 1492573
Ion Ratio Lower Upper
172 100
171 34.8 30.0 45.0
170 23.1 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

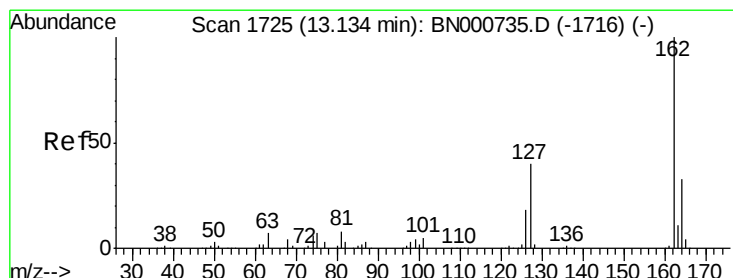
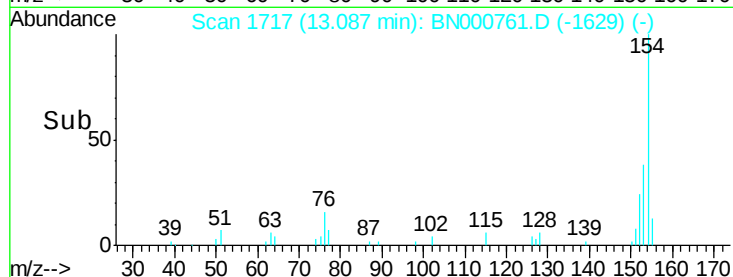
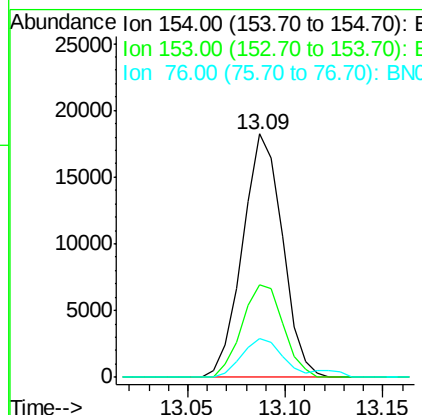
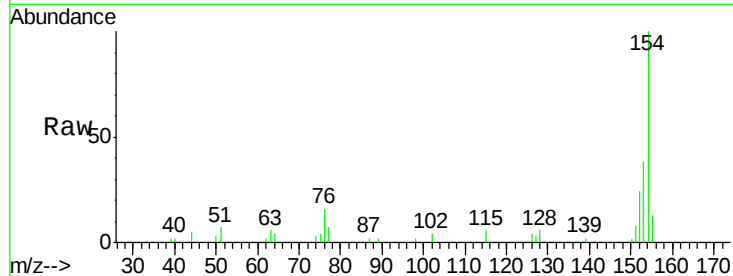




#45
 1,1'-Biphenyl
 Concen: 1.198 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

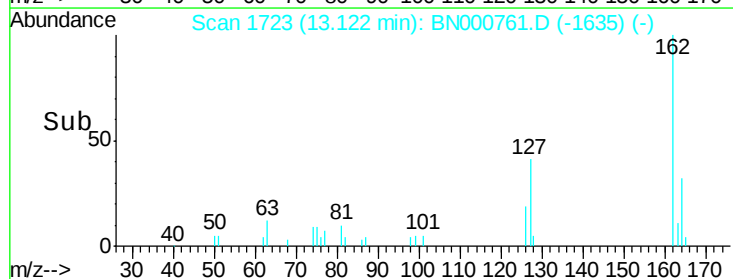
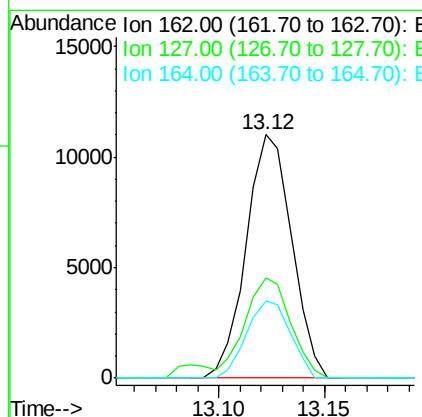
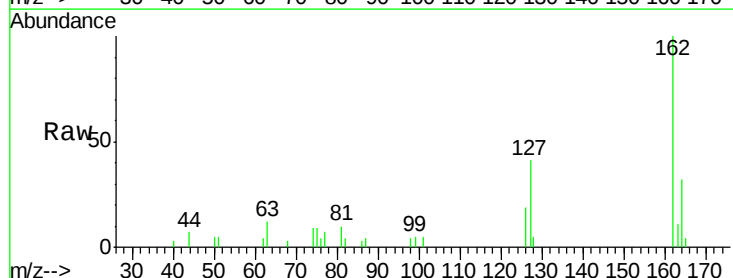
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

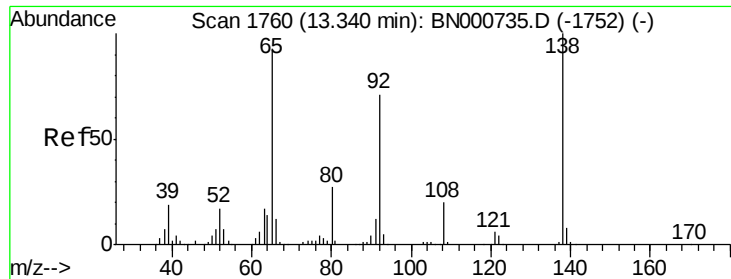
Tot Ion:154 Resp: 25851
 Ion Ratio Lower Upper
 154 100
 153 38.1 19.8 59.8
 76 15.8 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 1.022 ng
 RT: 13.12 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion:162 Resp: 16534
 Ion Ratio Lower Upper
 162 100
 127 41.4 30.7 46.1
 164 31.7 26.0 39.0

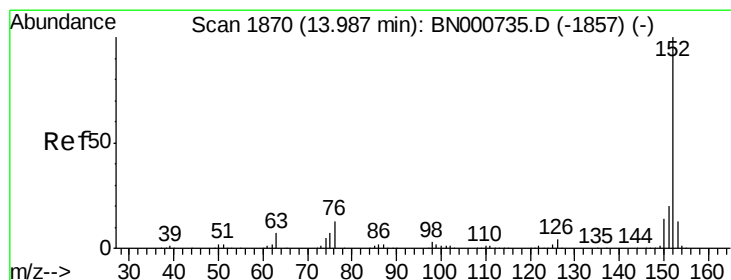
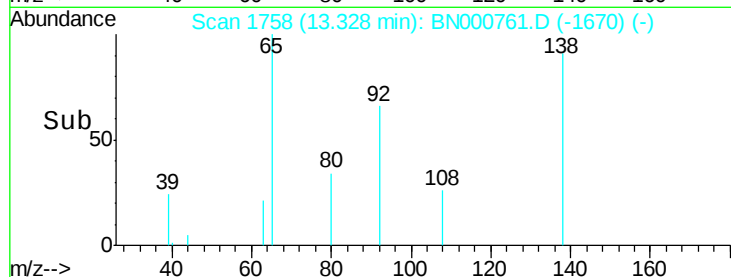
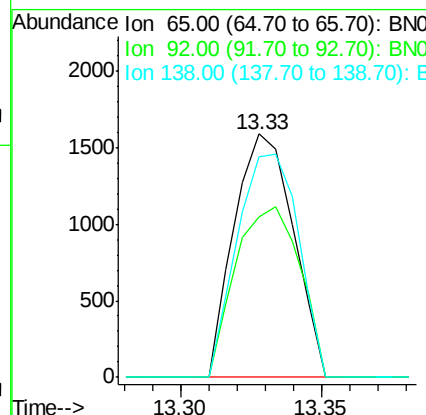
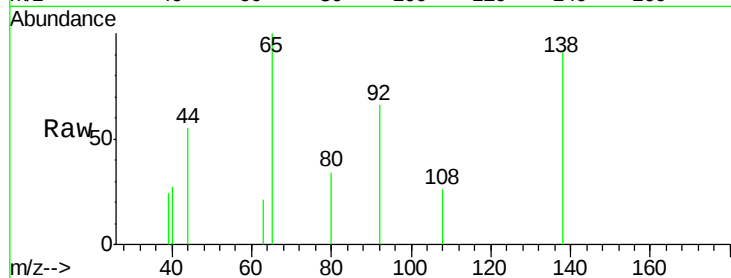




#47
2-Nitroaniline
Concen: 0.492 ng
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

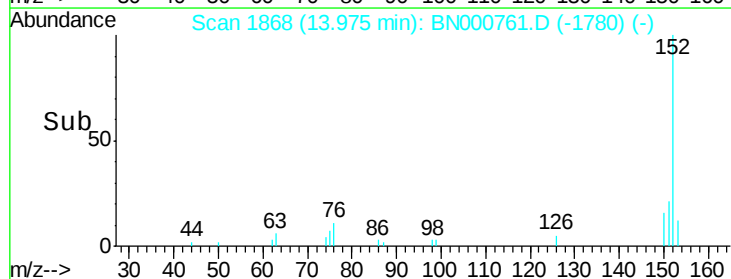
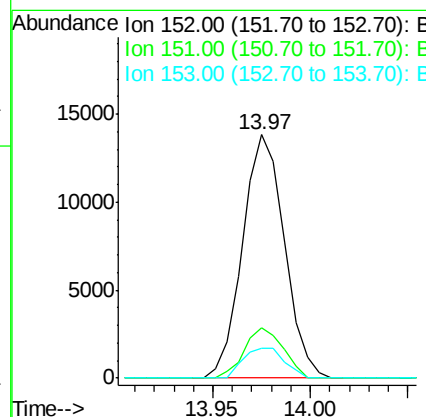
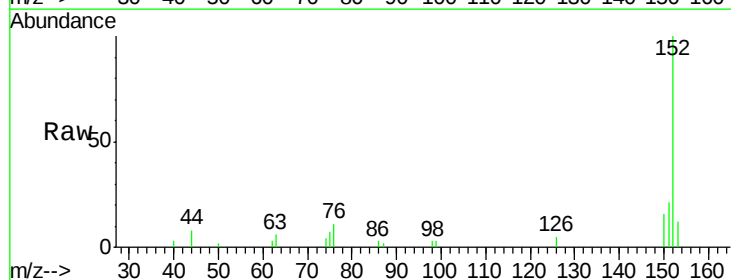
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

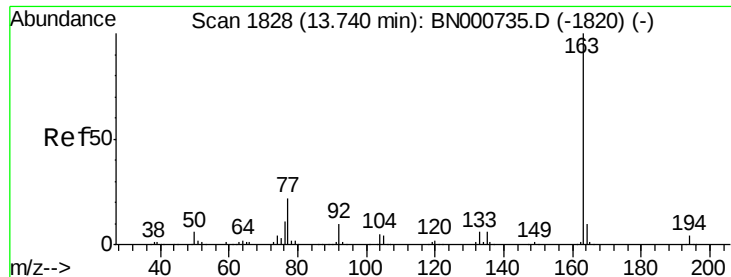
Tot Ion: 65 Resp: 2306
Ion Ratio Lower Upper
65 100
92 66.1 54.6 82.0
138 90.8 72.9 109.3



#48
Acenaphthylene
Concen: 0.801 ng
RT: 13.97 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion: 152 Resp: 20527
Ion Ratio Lower Upper
152 100
151 20.5 17.2 25.8
153 12.4 10.2 15.4





#49

Dimethylphthalate

Concen: 0.818 ng

RT: 13.72 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

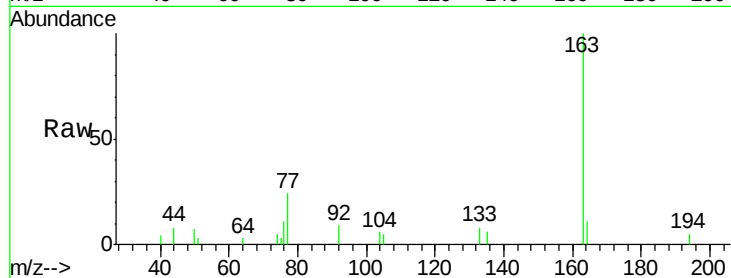
Tot Ion:163 Resp: 15745

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

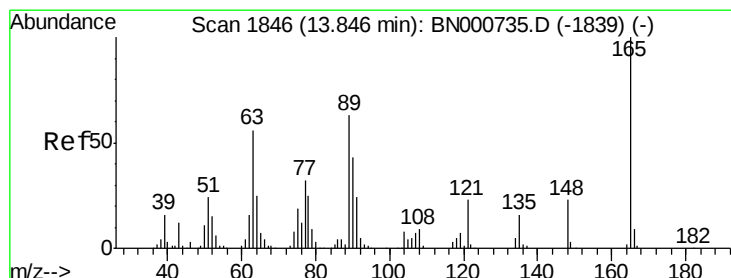
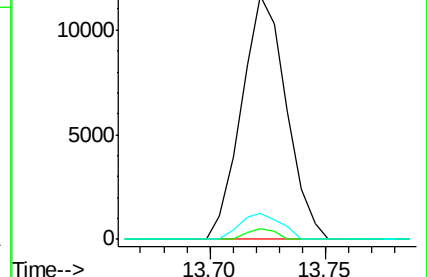
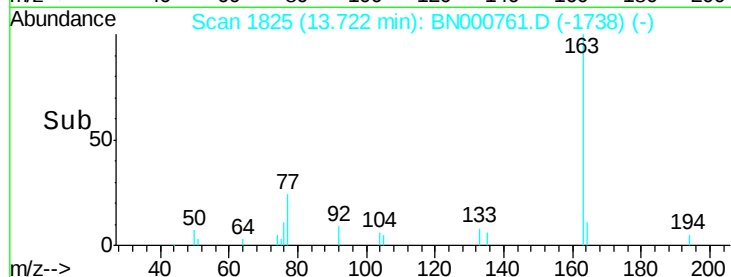
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.472 ng

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

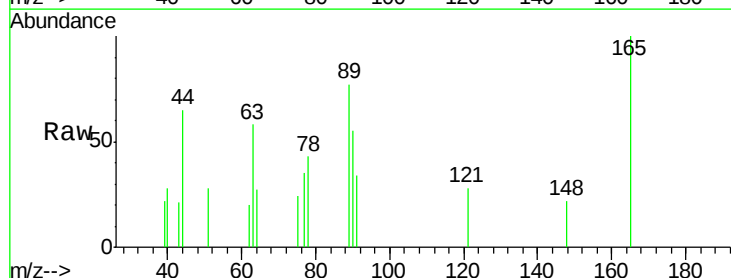
Tgt Ion:165 Resp: 1927

Ion Ratio Lower Upper

165 100

63 57.6 52.7 79.1

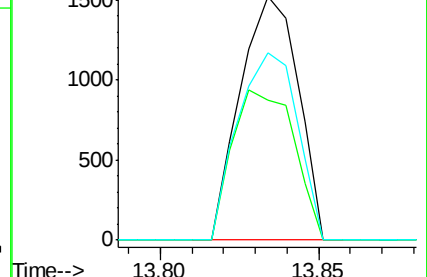
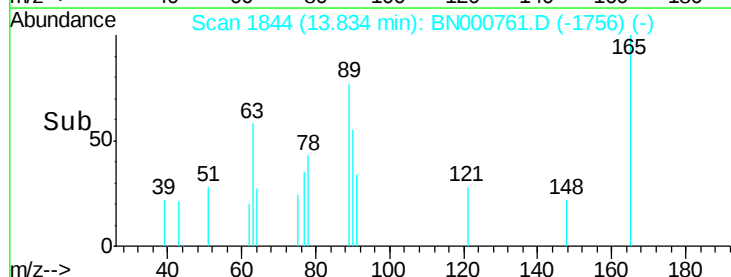
89 77.2 49.2 73.8#

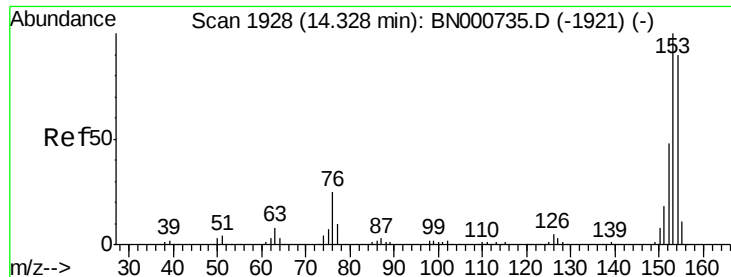


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 0.992 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

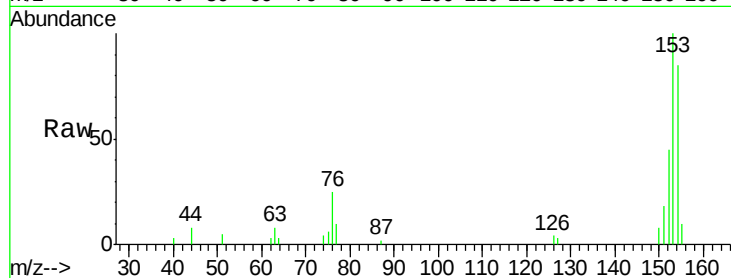
Tot Ion:154 Resp: 15498

Ion Ratio Lower Upper

154 100

153 117.3 90.4 135.6

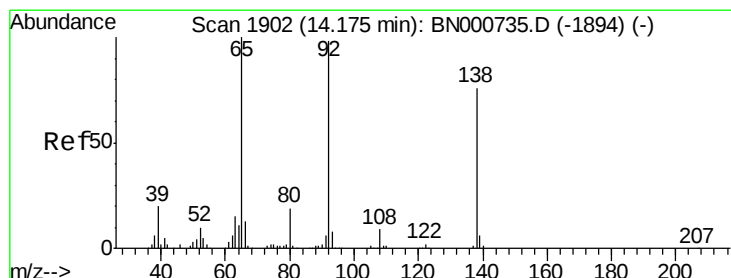
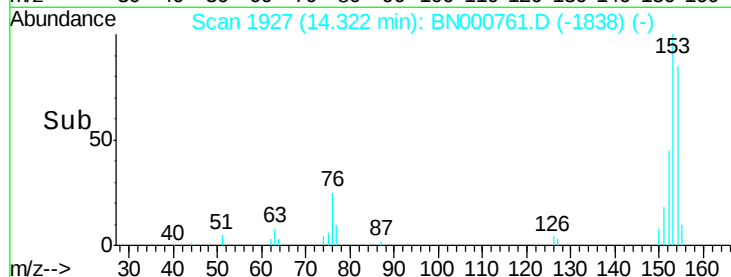
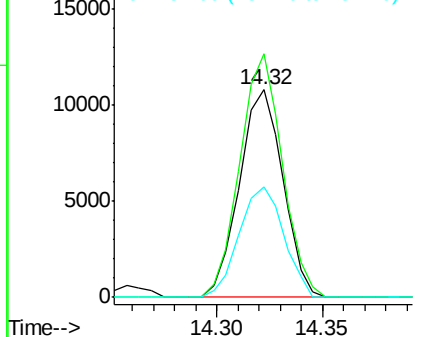
152 53.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.436 ng

RT: 14.16 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

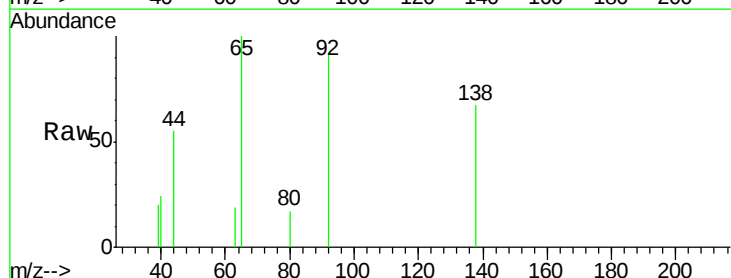
Tgt Ion:138 Resp: 2025

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

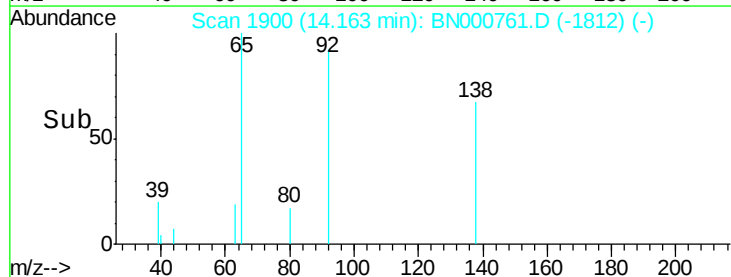
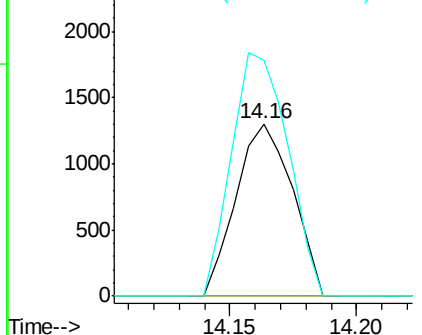
92 136.9 105.8 158.8

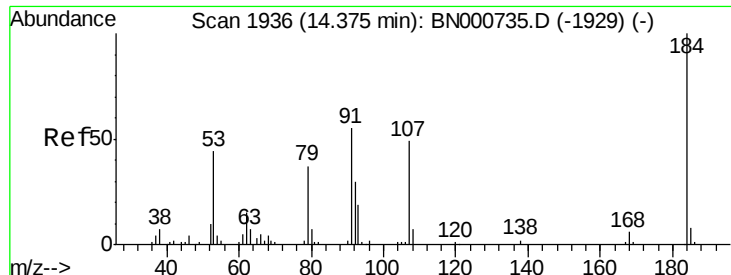


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

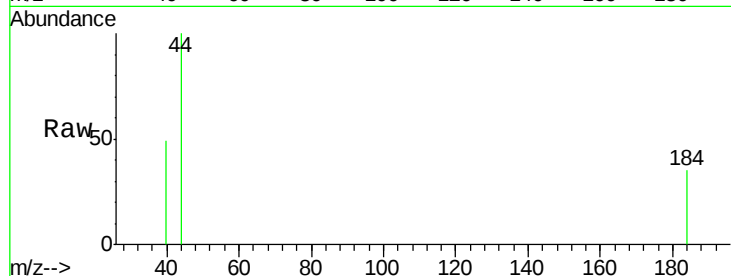




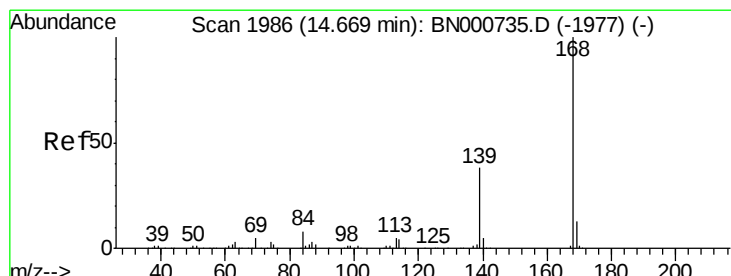
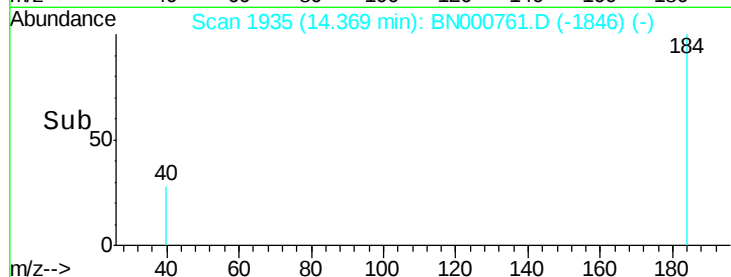
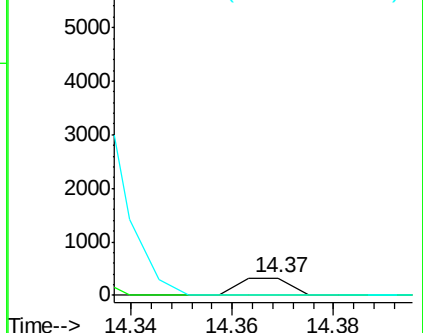
#53
 2,4-Dinitrophenol
 Concen: 5.792 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

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

Tot Ion:184 Resp: 225
 Ion Ratio Lower Upper
 184 100
 63 0.0 56.0 84.0#
 154 0.0 48.0 72.0#

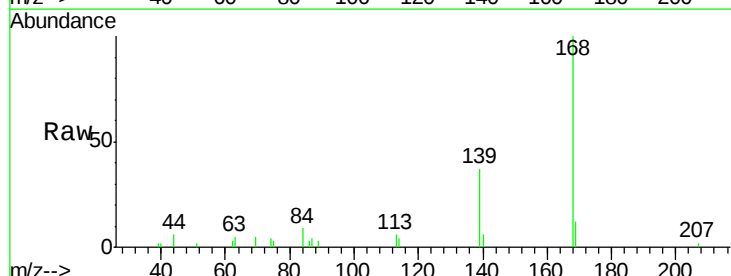


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

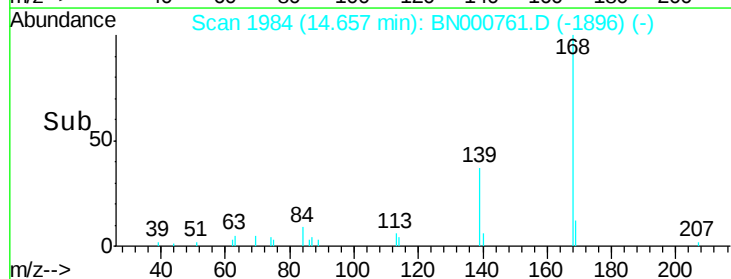
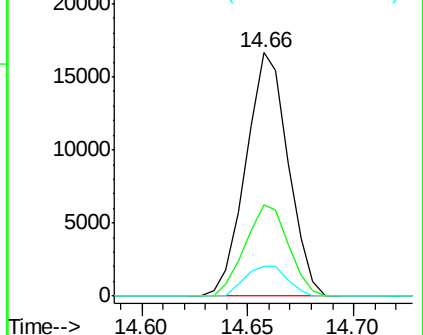


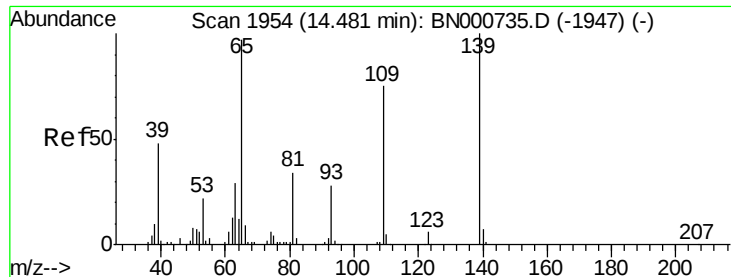
#54
 Dibenzofuran
 Concen: 1.019 ng
 RT: 14.66 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion:168 Resp: 23182
 Ion Ratio Lower Upper
 168 100
 139 37.4 28.6 43.0
 169 12.5 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

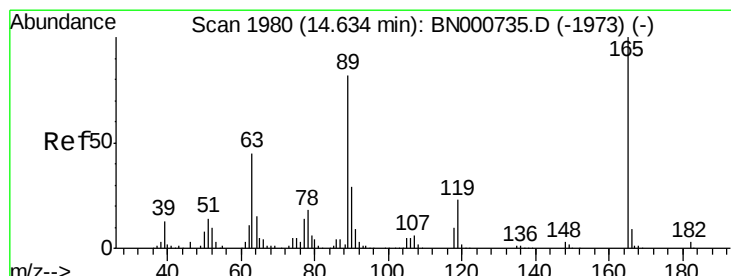
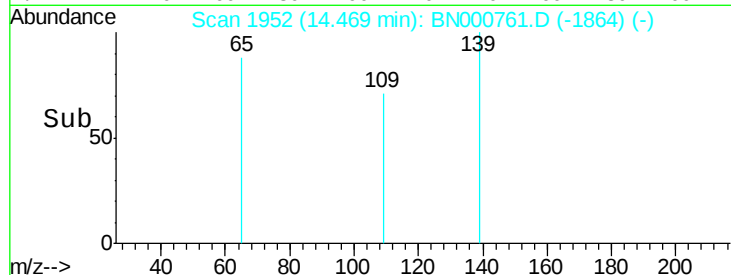
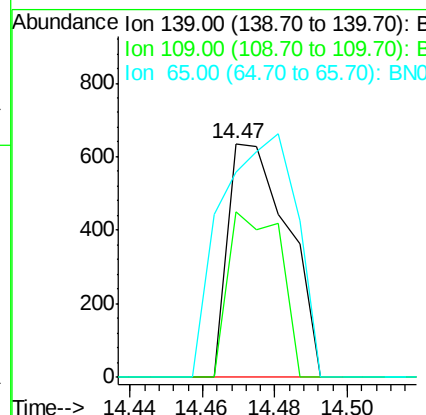
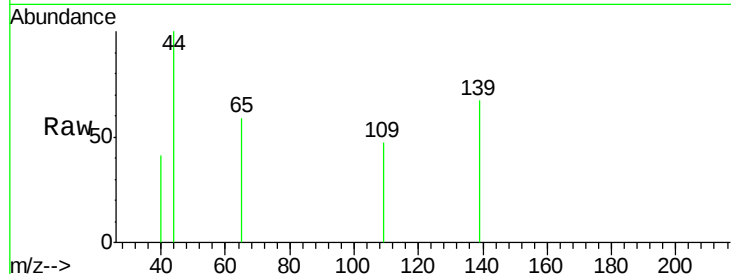




#55
4-Nitrophenol
Concen: 0.212 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

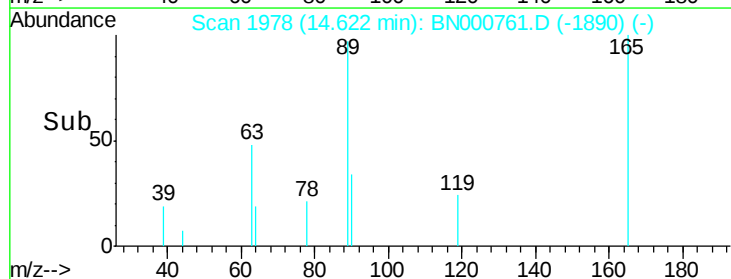
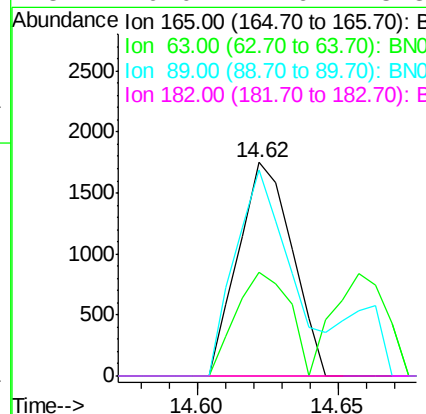
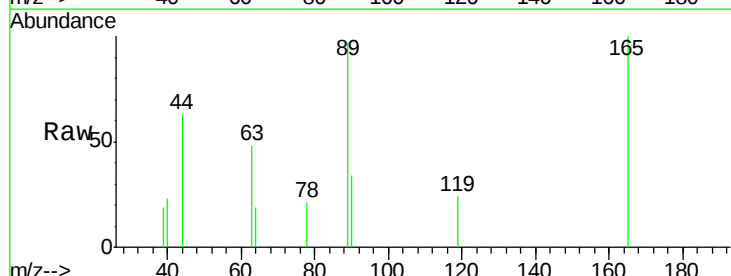
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

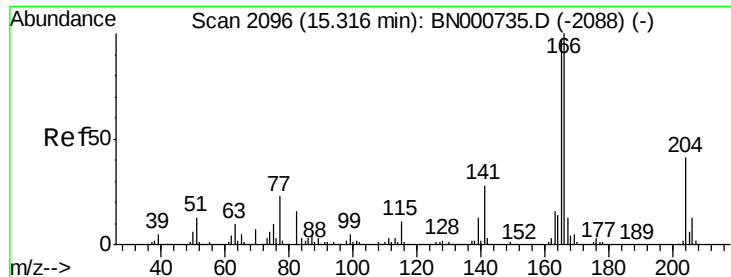
Tot Ion:139 Resp: 731
Ion Ratio Lower Upper
139 100
109 70.8 62.2 102.2
65 87.6 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 0.435 ng
RT: 14.62 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion:165 Resp: 2322
Ion Ratio Lower Upper
165 100
63 48.5 42.0 63.0
89 96.6 66.9 100.3
182 0.0 2.6 3.8#

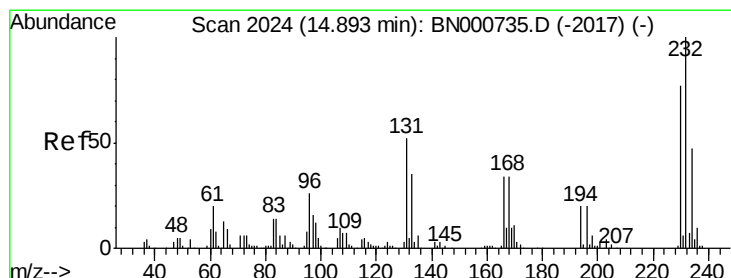
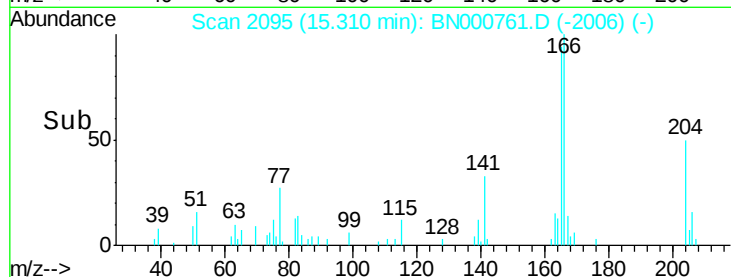
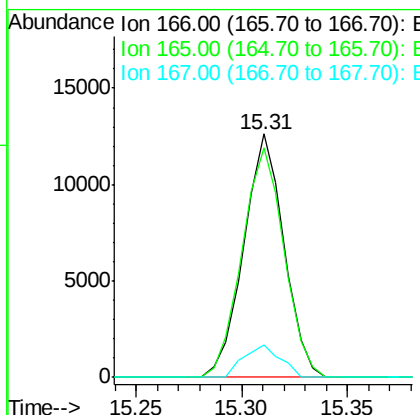
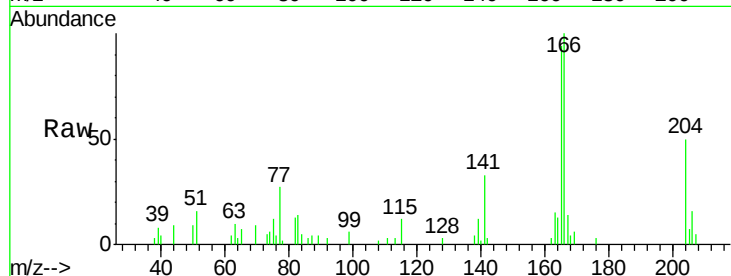




#57
 Fluorene
 Concen: 0.930 ng
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

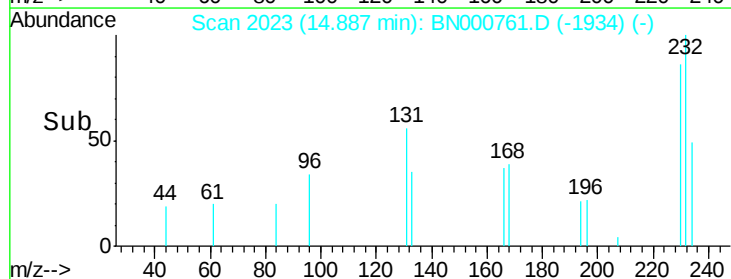
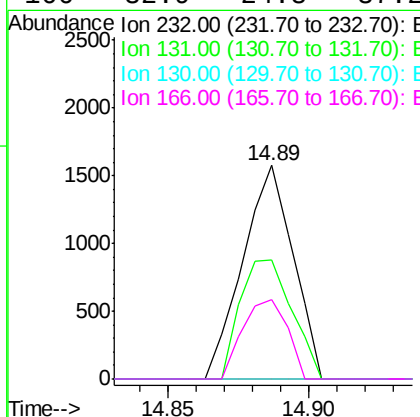
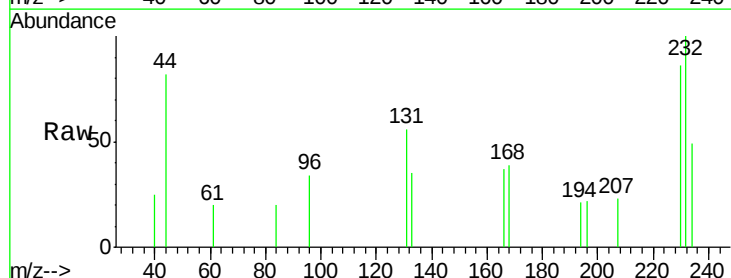
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

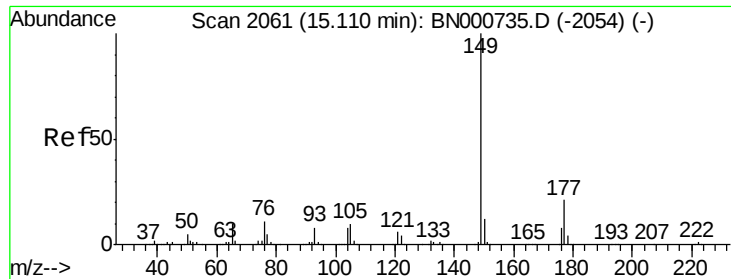
Tot Ion:166 Resp: 16717
 Ion Ratio Lower Upper
 166 100
 165 94.3 80.6 121.0
 167 13.6 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.485 ng
 RT: 14.89 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion:232 Resp: 1950
 Ion Ratio Lower Upper
 232 100
 131 57.5 33.5 50.3#
 130 0.0 2.2 3.2#
 166 32.9 24.8 37.2

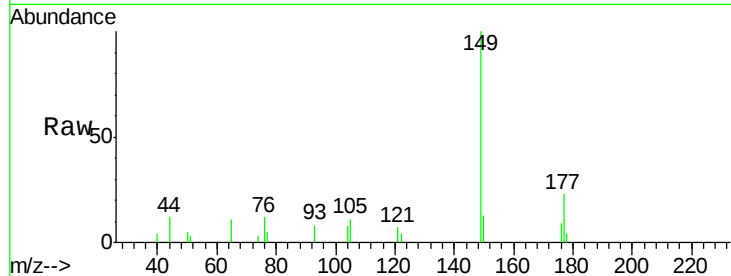




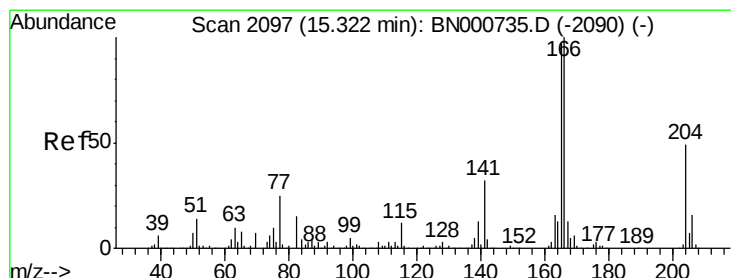
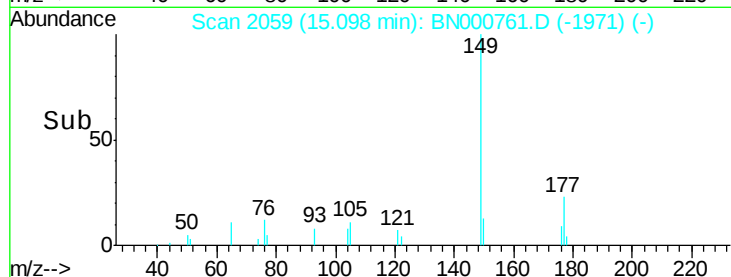
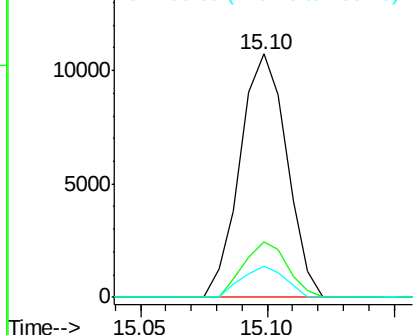
#59
Diethylphthalate
Concen: 0.726 ng
RT: 15.10 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

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

Tot Ion:149 Resp: 13854
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 12.9 10.2 15.2

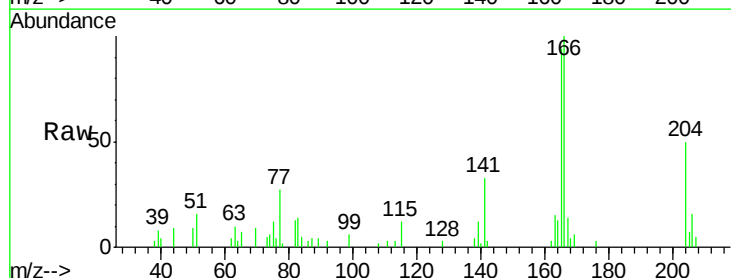


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

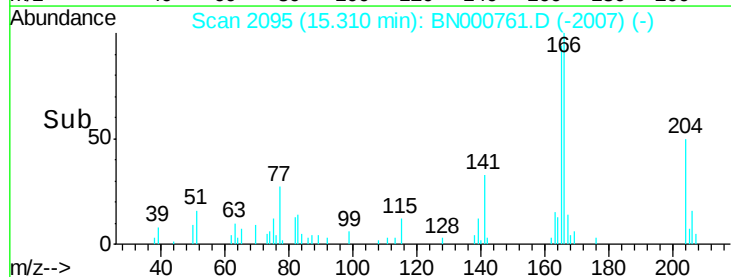
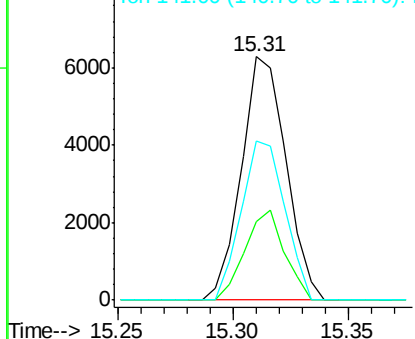


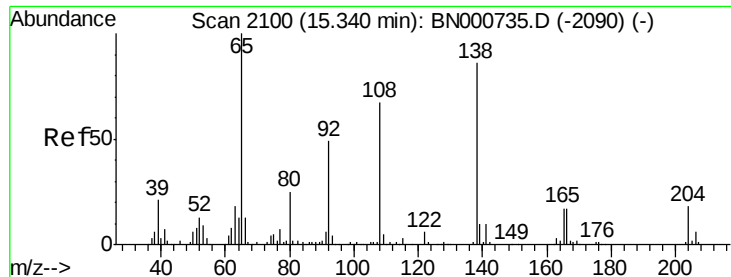
#60
4-Chlorophenyl-phenylether
Concen: 1.010 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion:204 Resp: 8491
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 65.4 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

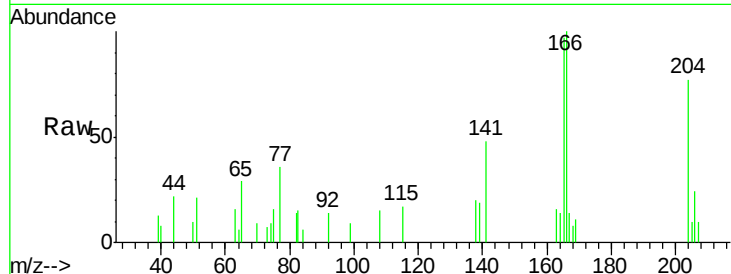




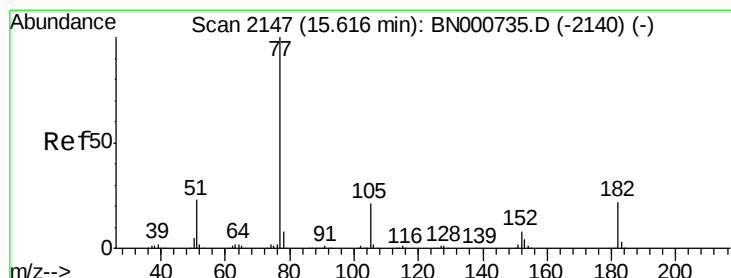
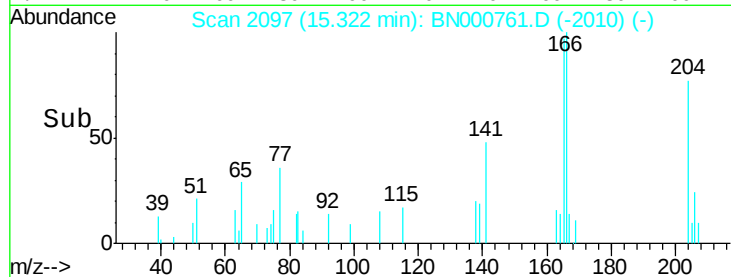
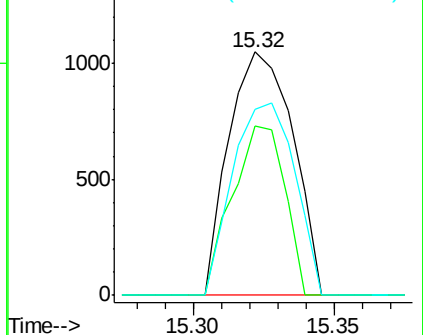
#61
4-Nitroaniline
Concen: 0.361 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

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

Tot Ion:138 Resp: 1648
Ion Ratio Lower Upper
138 100
92 69.6 40.1 80.1
108 76.6 65.4 105.4



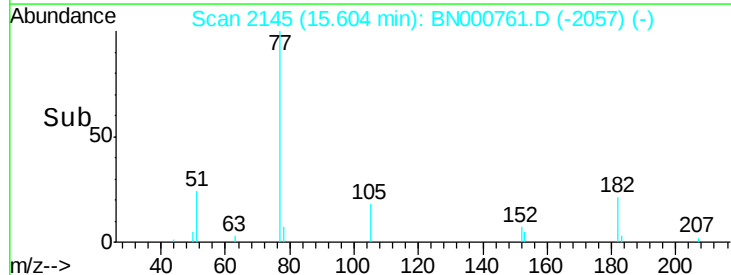
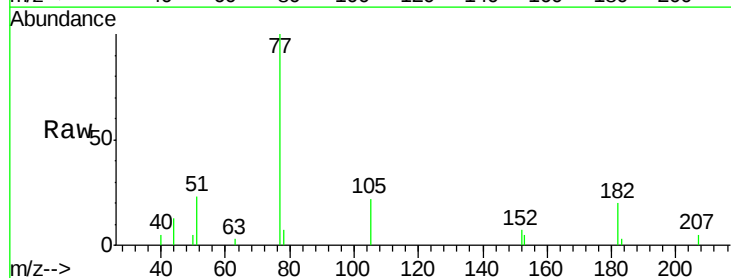
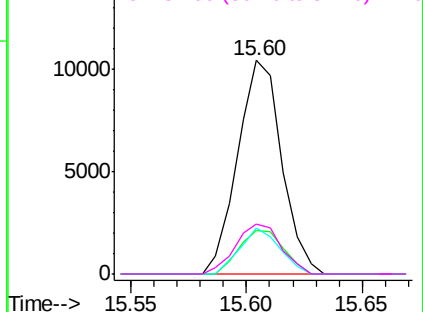
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNO
Ion 108.00 (107.70 to 108.70): E

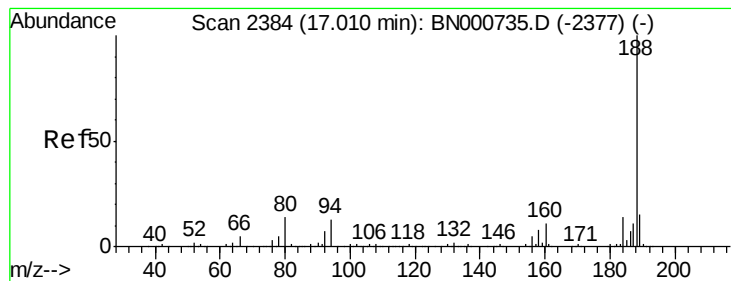


#62
Azobenzene
Concen: 0.678 ng
RT: 15.60 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion: 77 Resp: 13855
Ion Ratio Lower Upper
77 100
182 20.2 7.4 47.4
105 21.6 0.3 40.3
51 23.2 11.6 51.6

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

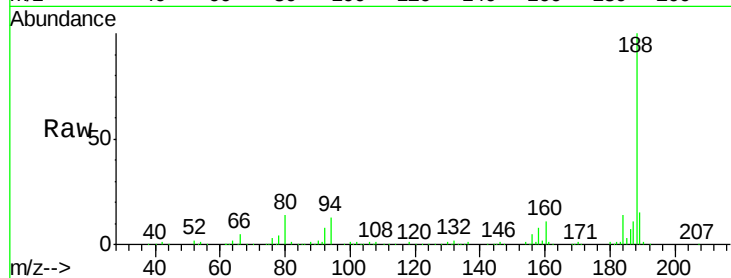
Tot Ion:188 Resp: 492268

Ion Ratio Lower Upper

188 100

94 12.6 6.9 10.3#

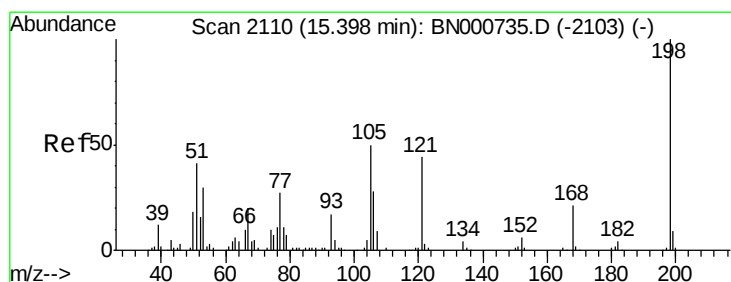
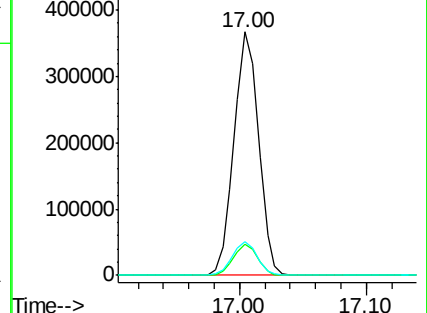
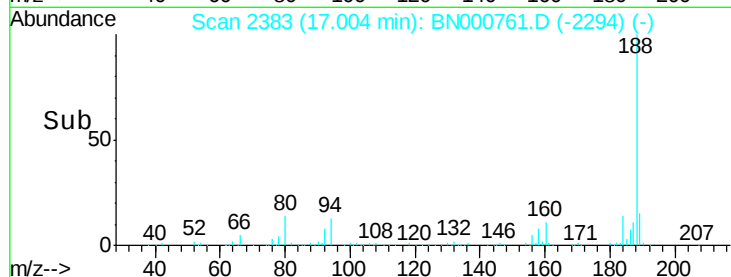
80 14.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 0.252 ng

RT: 15.39 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

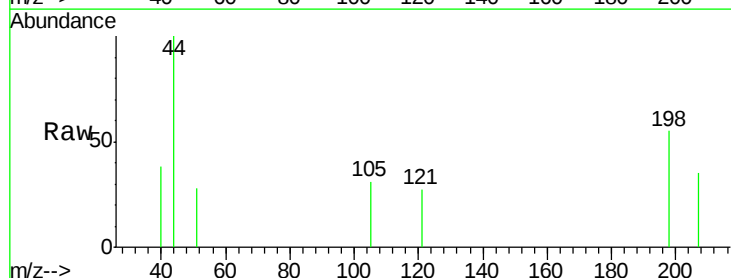
Tgt Ion:198 Resp: 767

Ion Ratio Lower Upper

198 100

51 51.7 30.6 70.6

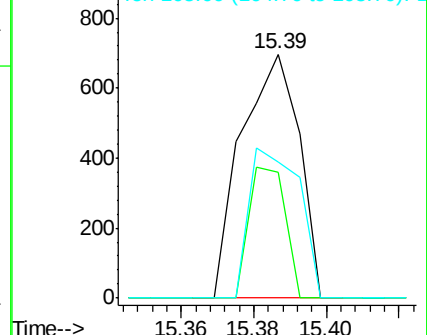
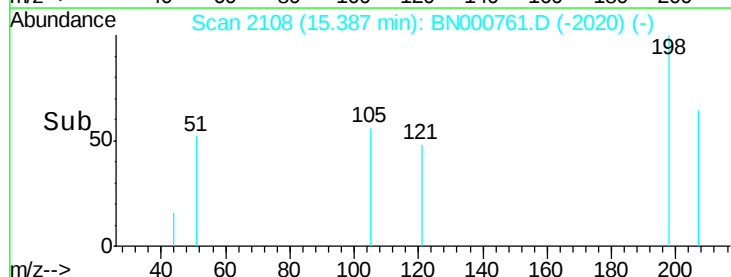
105 55.9 23.8 63.8

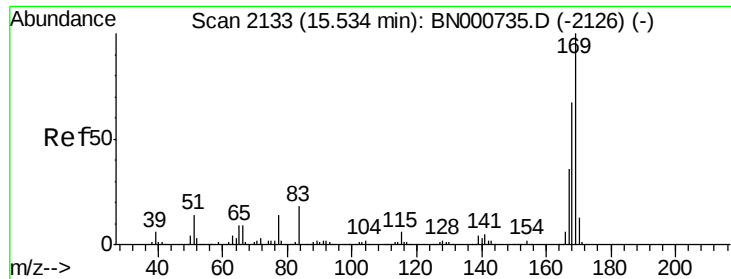


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.745 ng

RT: 15.53 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

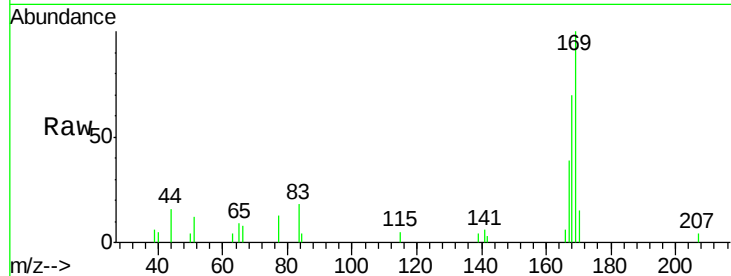
Tot Ion:169 Resp: 12319

Ion Ratio Lower Upper

169 100

168 70.4 55.7 83.5

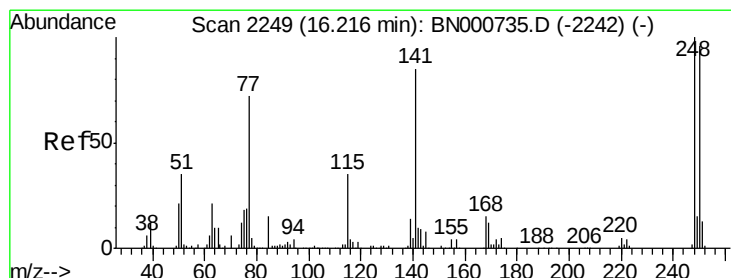
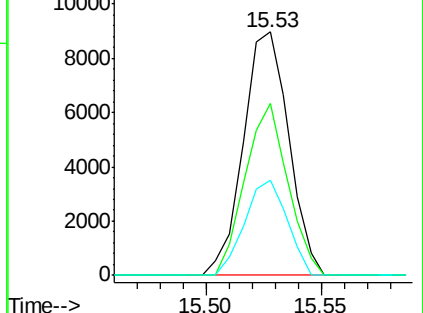
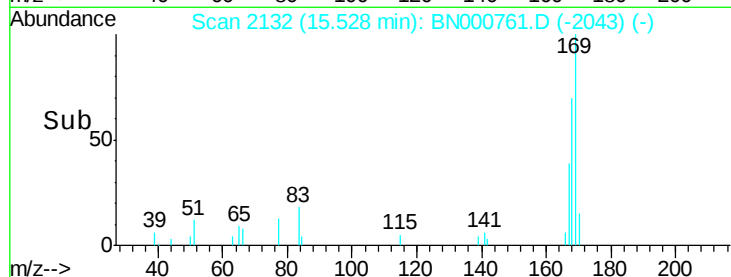
167 39.3 30.1 45.1



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: 0.865 ng

RT: 16.20 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

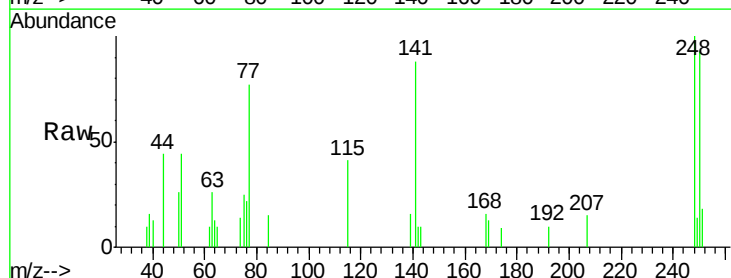
Tgt Ion:248 Resp: 4328

Ion Ratio Lower Upper

248 100

250 92.6 77.1 115.7

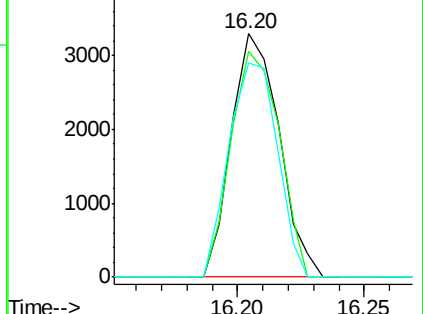
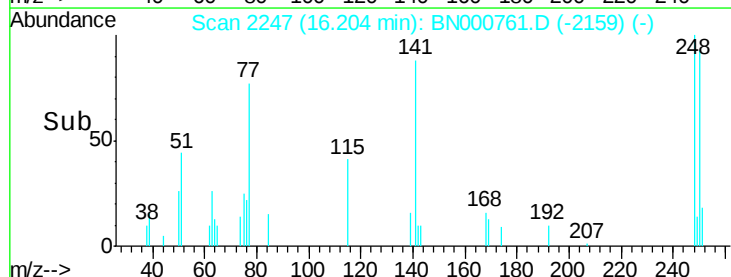
141 87.7 50.8 76.2#

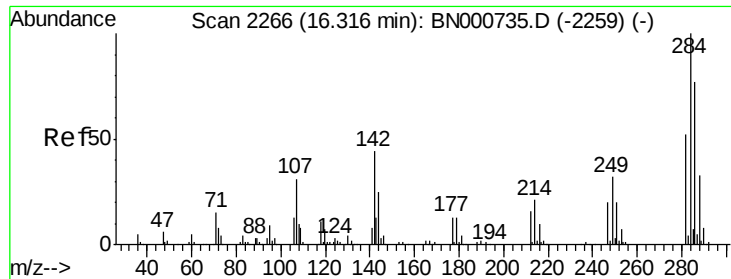


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

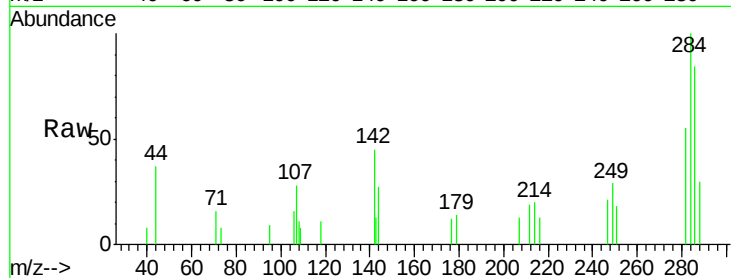




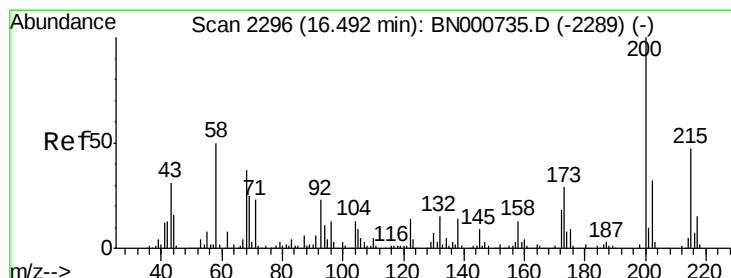
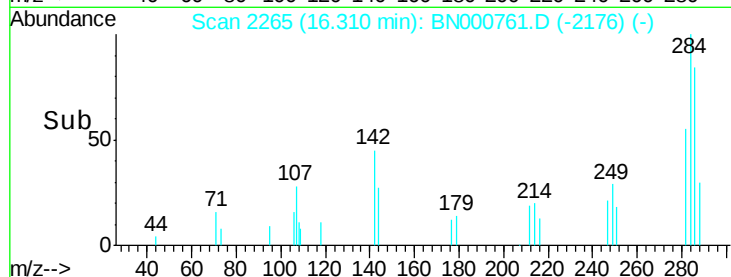
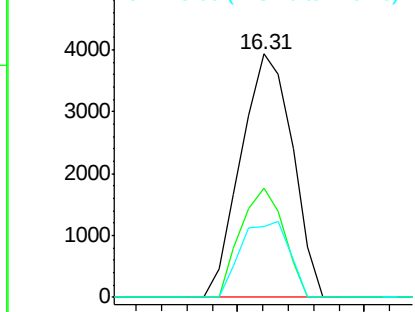
#67
Hexachlorobenzene
Concen: 0.965 ng
RT: 16.31 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

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

Tot Ion:284 Resp: 5586
Ion Ratio Lower Upper
284 100
142 44.6 26.8 40.2#
249 29.0 26.3 39.5

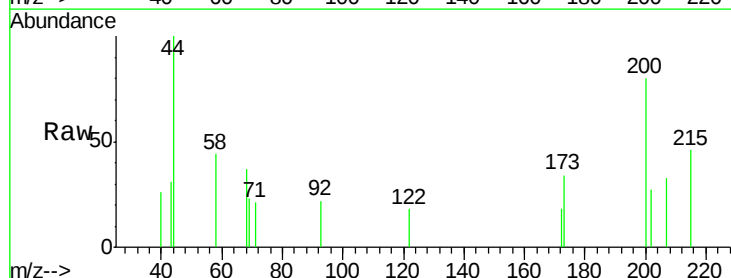


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

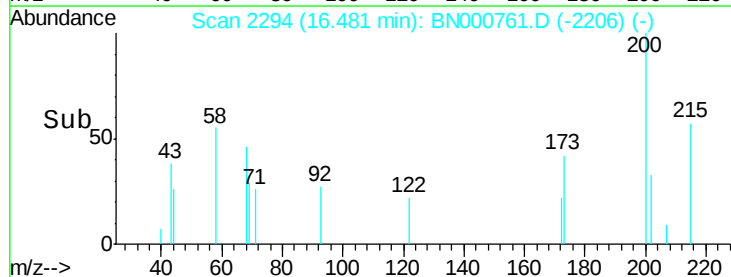
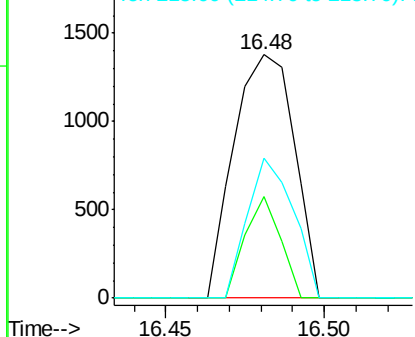


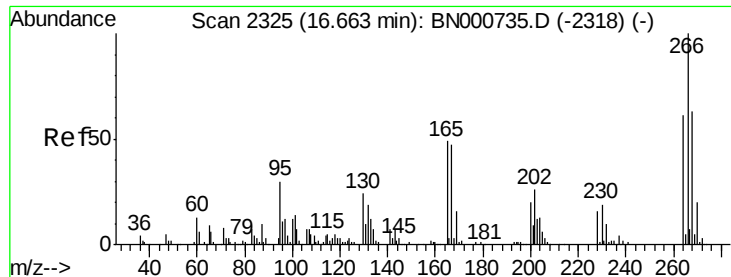
#68
Atrazine
Concen: 0.407 ng
RT: 16.48 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion:200 Resp: 1824
Ion Ratio Lower Upper
200 100
173 41.9 5.2 45.2
215 57.4 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

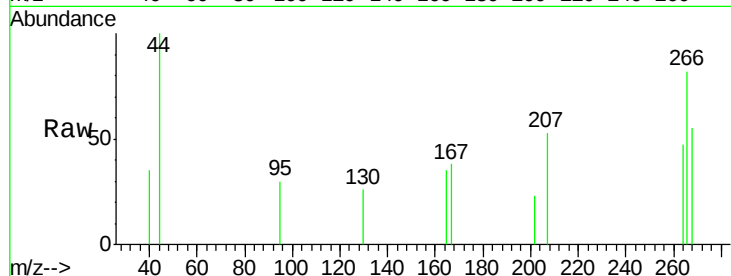




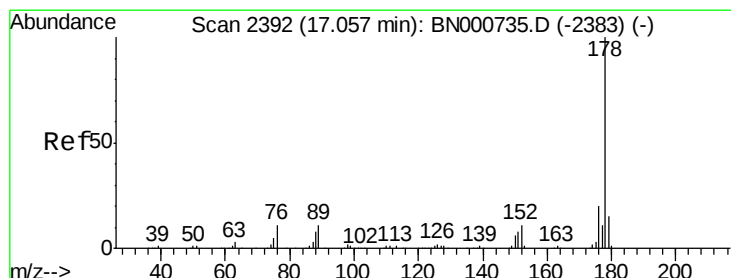
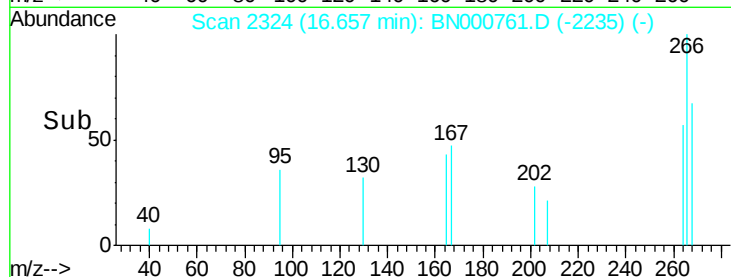
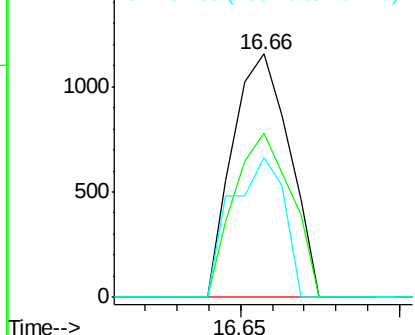
#69
 Pentachlorophenol
 Concen: 0.383 ng
 RT: 16.66 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

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

Tot Ion:266 Resp: 1434
 Ion Ratio Lower Upper
 266 100
 268 67.4 51.1 76.7
 264 57.3 49.6 74.4

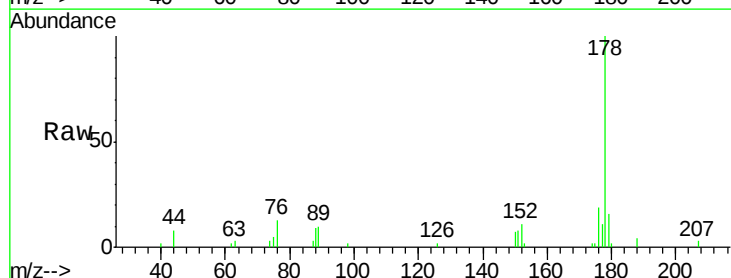


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

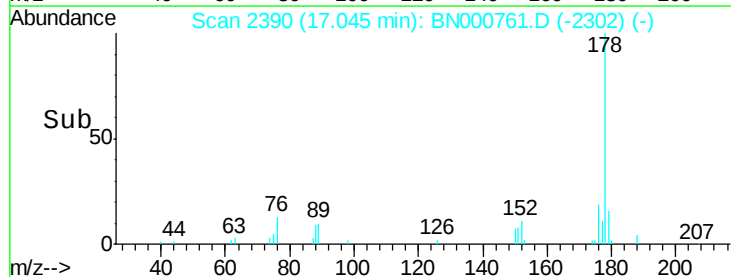
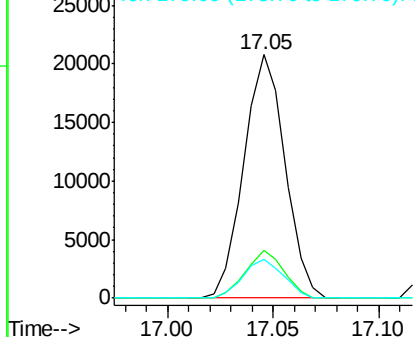


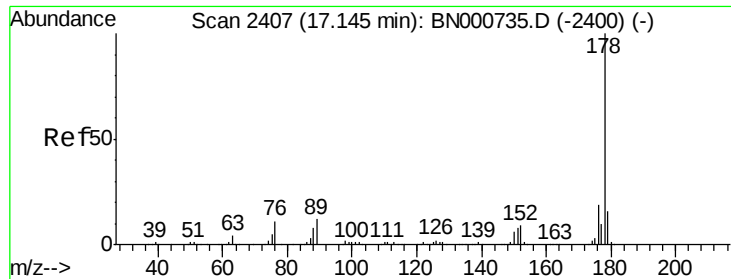
#70
 Phenanthrene
 Concen: 0.988 ng
 RT: 17.05 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion:178 Resp: 28169
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 15.7 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

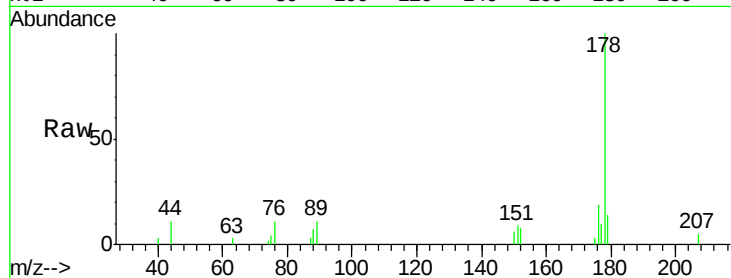




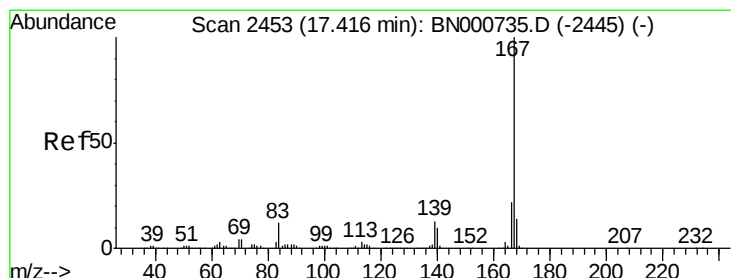
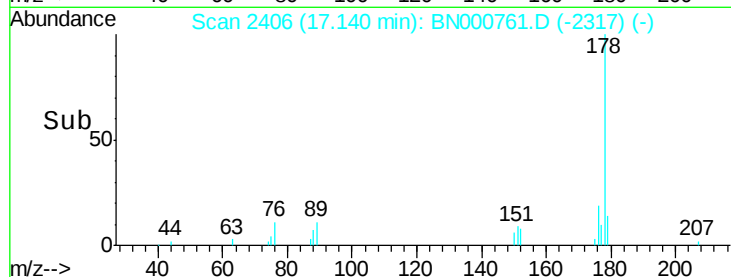
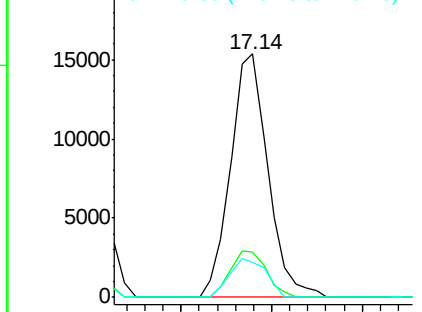
#71
 Anthracene
 Concen: 0.792 ng
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

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

Tot Ion:178 Resp: 22108
 Ion Ratio Lower Upper
 178 100
 176 18.6 16.0 24.0
 179 14.3 12.5 18.7

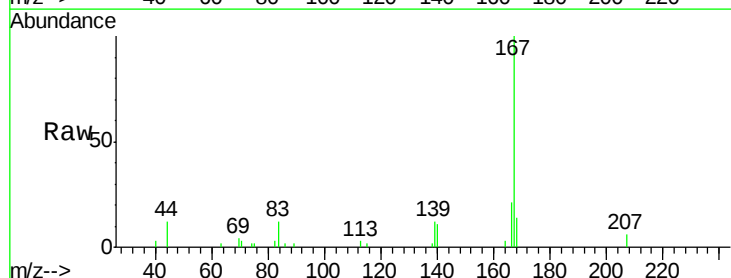


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

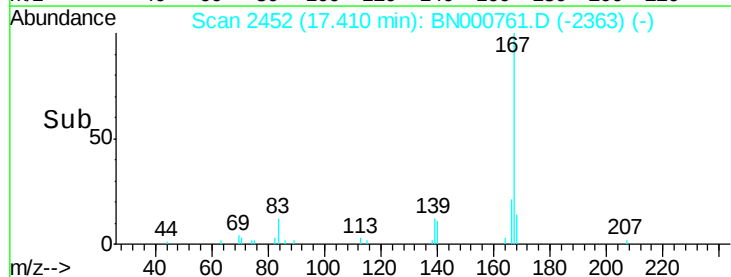
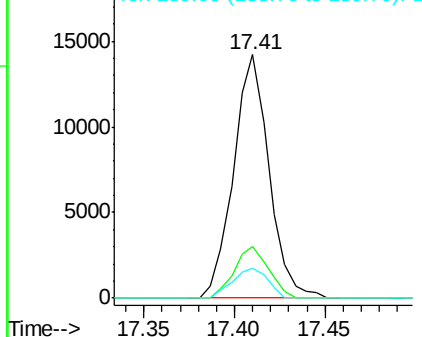


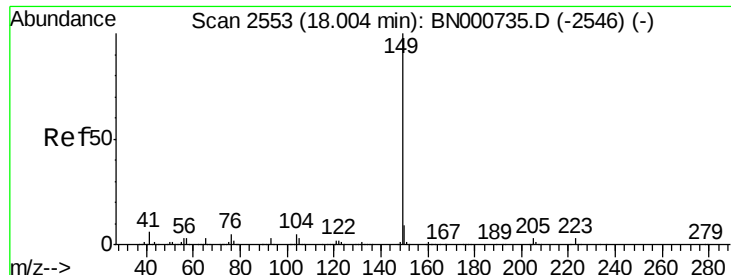
#72
 Carbazole
 Concen: 0.738 ng
 RT: 17.41 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion:167 Resp: 19355
 Ion Ratio Lower Upper
 167 100
 166 21.1 18.2 27.4
 139 12.4 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.528 ng

RT: 17.99 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

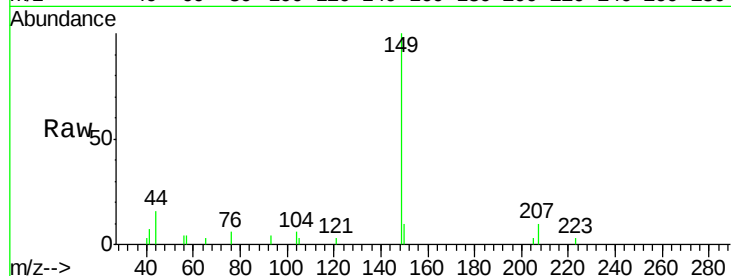
Tot Ion:149 Resp: 15792

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

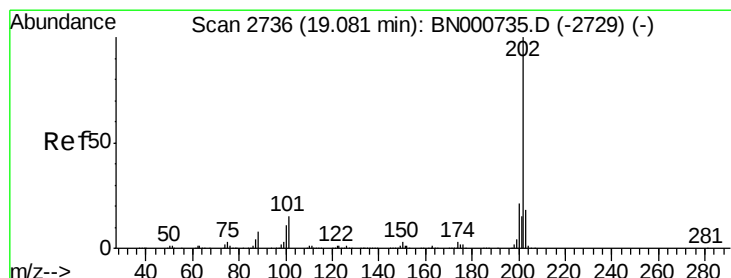
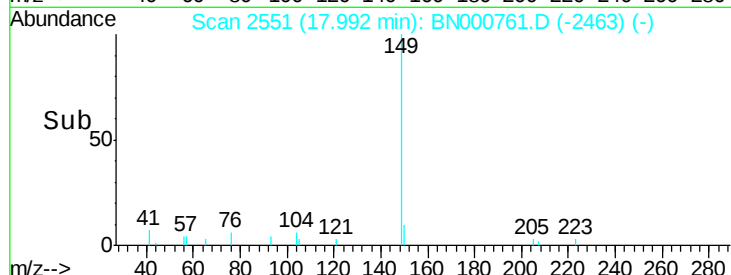
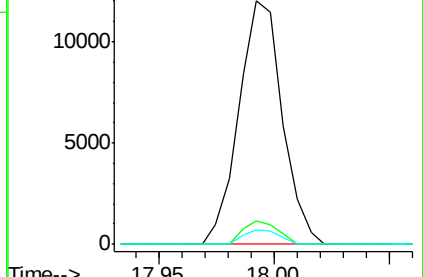
104 6.1 3.9 5.9#



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: 0.842 ng

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

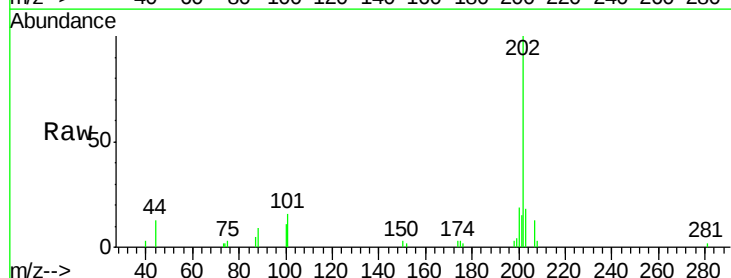
Tgt Ion:202 Resp: 24196

Ion Ratio Lower Upper

202 100

101 16.5 0.0 28.9

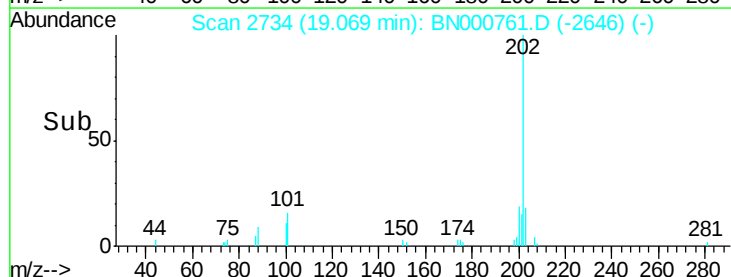
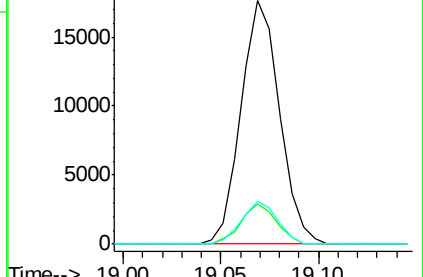
203 17.6 0.0 37.5

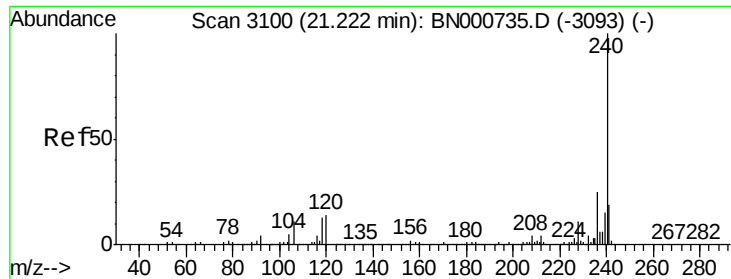


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000761.D

Acq: 19 Apr 2018 03:44

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

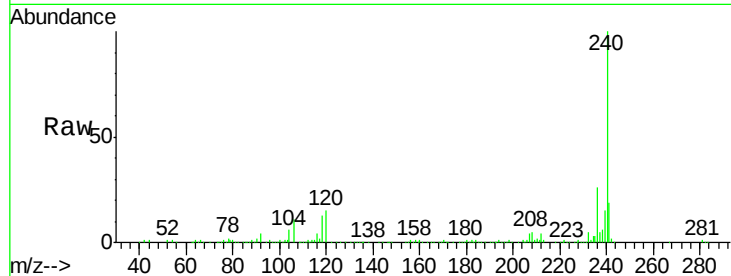
Tot Ion:240 Resp: 452858

Ion Ratio Lower Upper

240 100

120 15.0 6.8 10.2#

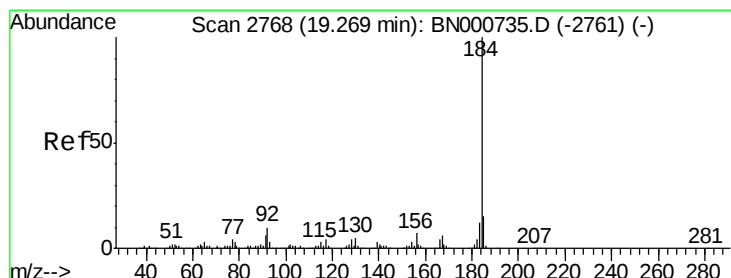
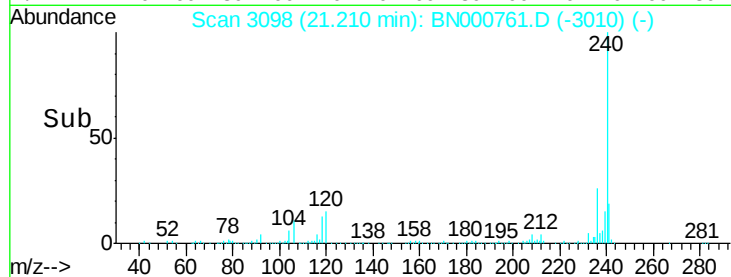
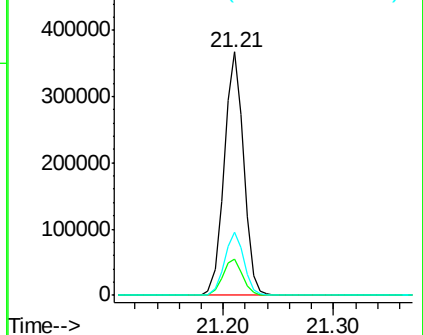
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.291 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN000761.D

Acq: 19 Apr 2018 03:44

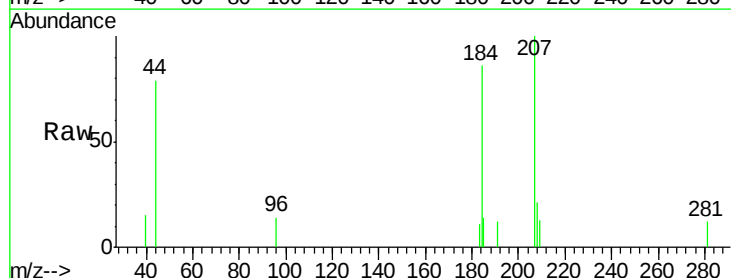
Tgt Ion:184 Resp: 3565

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

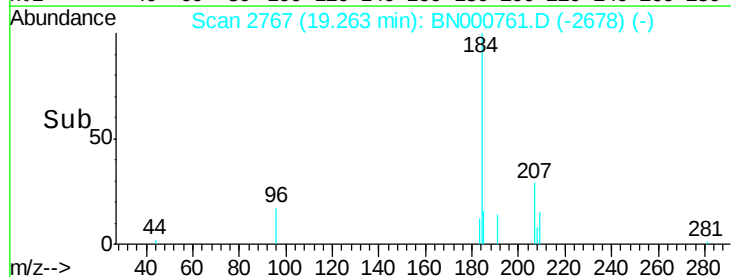
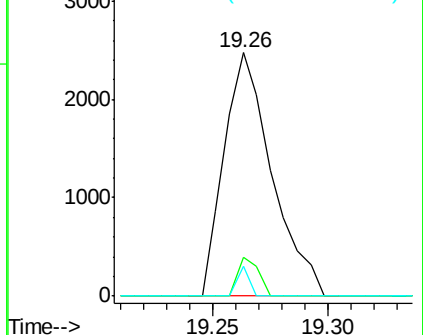
183 12.4 10.6 16.0

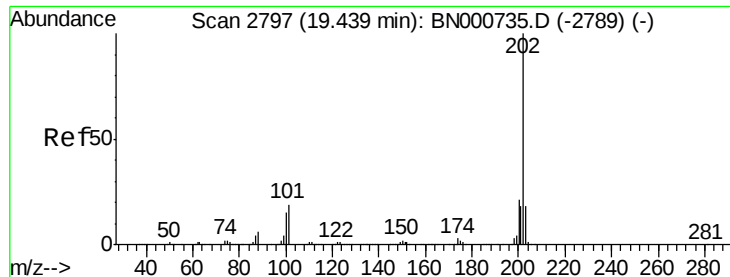


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

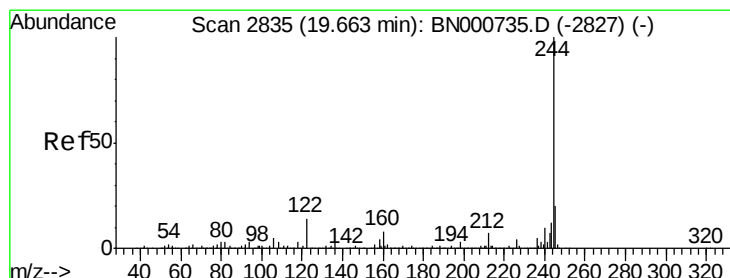
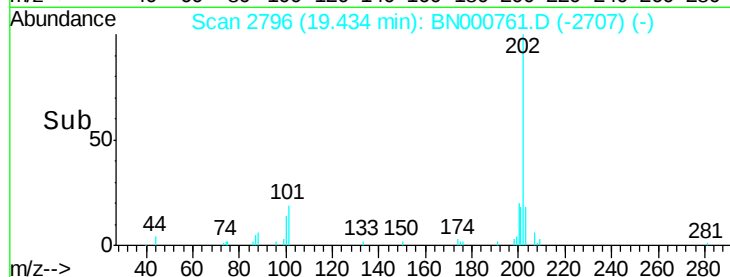
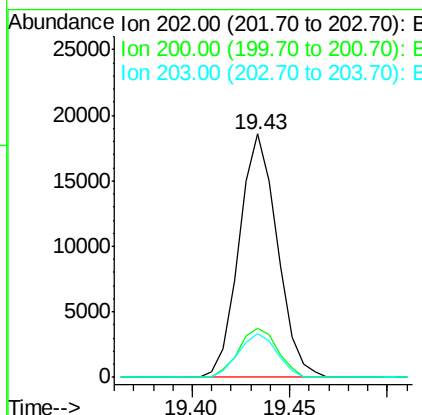
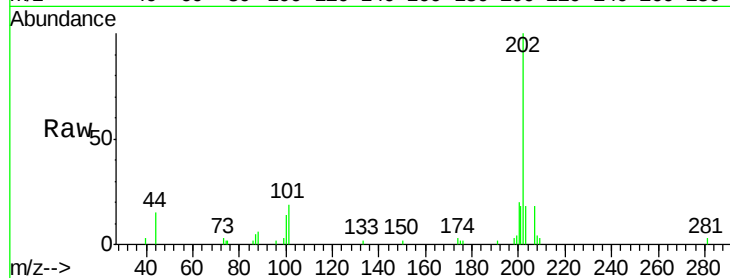




#77
Pvrene
Concen: 0.773 ng
RT: 19.43 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

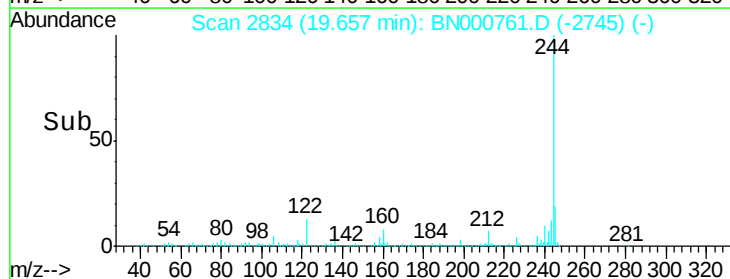
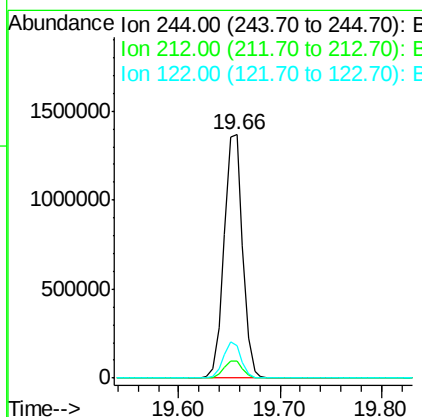
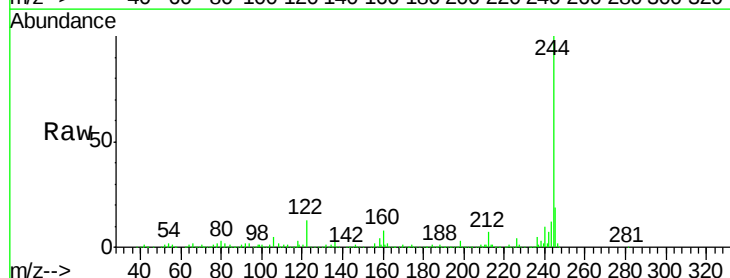
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

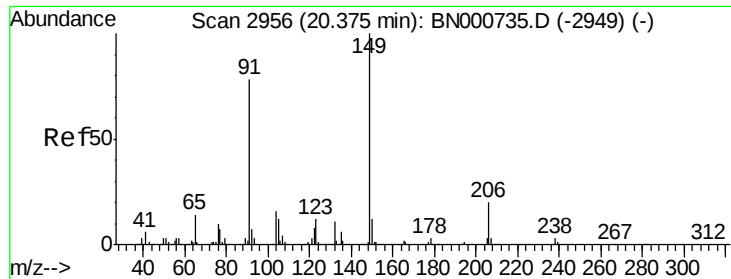
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	18.2	13.9	20.9



#78
Terphenyl-d14
Concen: 82.328 ng
RT: 19.66 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.2	7.0	10.4

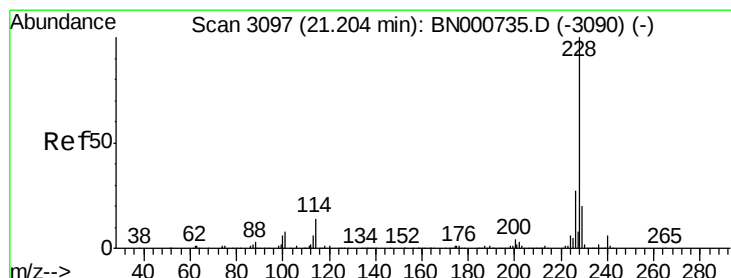
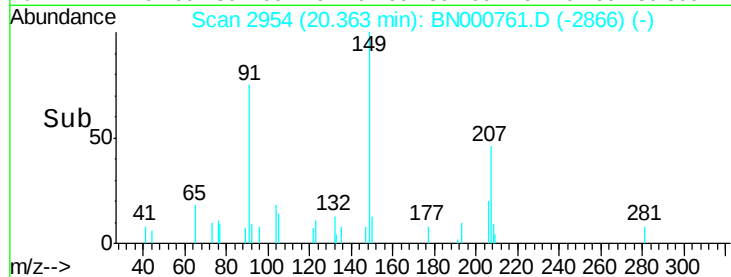
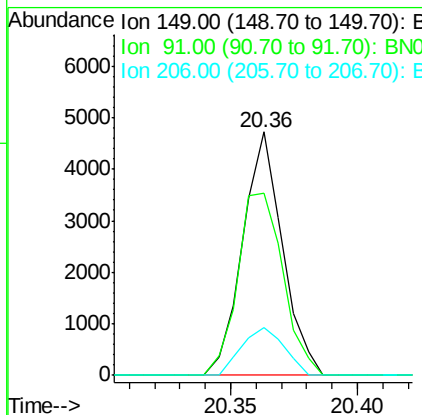
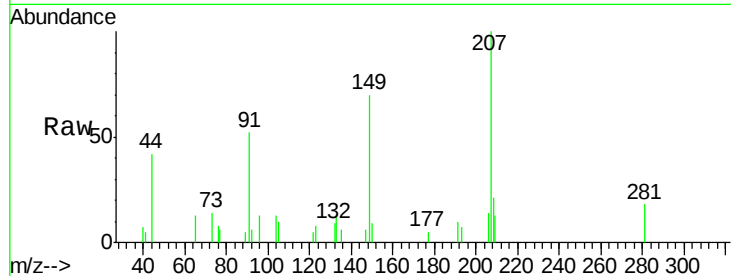




#79
 Butylbenzylphthalate
 Concen: 0.375 ng
 RT: 20.36 min Scan# 2954
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

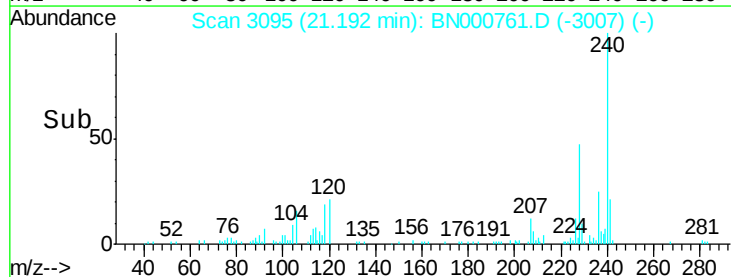
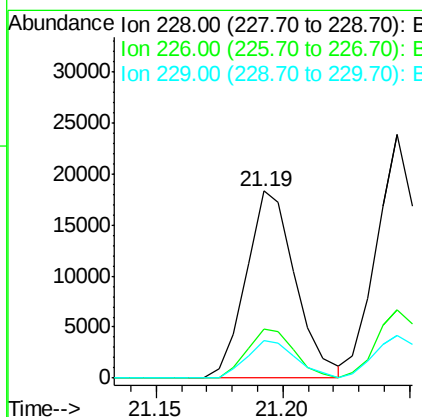
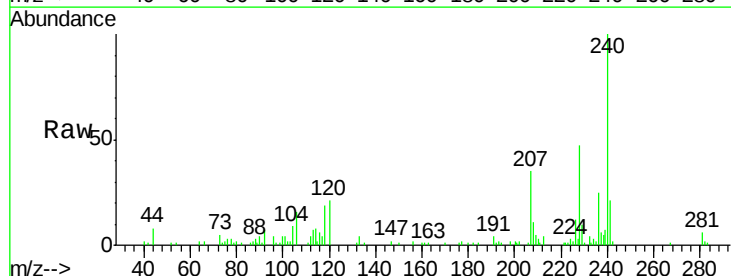
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

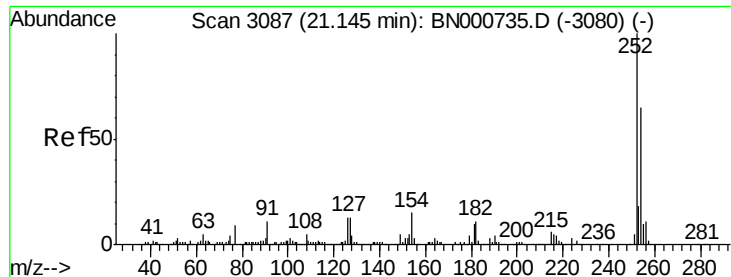
Tot Ion:	149	Resp:	5148
Ion	Ratio	Lower	Upper
149	100		
91	74.9	62.2	93.2
206	19.7	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 0.873 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion:	228	Resp:	24906
Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.7	34.1
229	20.2	16.2	24.2

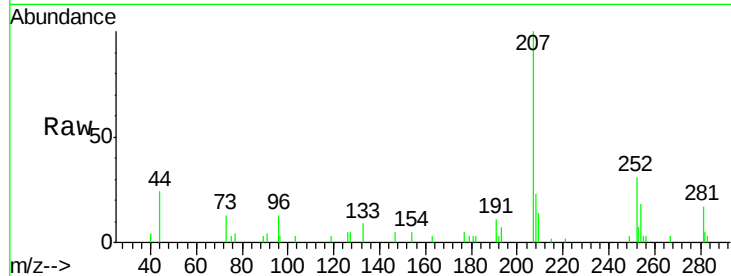




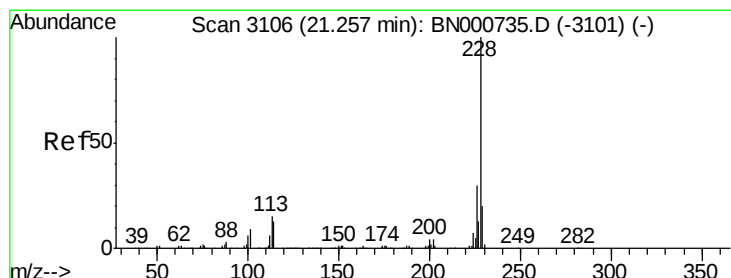
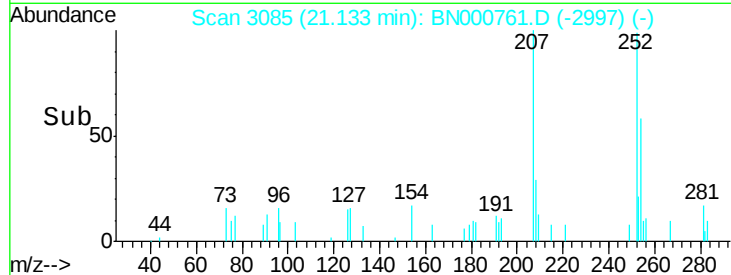
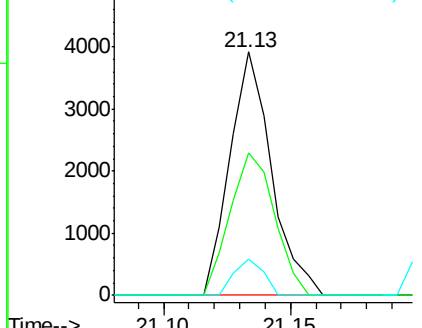
#81
 3,3'-Dichlorobenzidine
 Concen: 0.498 ng
 RT: 21.13 min Scan# 3085
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

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

Tot Ion:252 Resp: 4474
 Ion Ratio Lower Upper
 252 100
 254 58.6 50.8 76.2
 126 15.1 7.4 11.2#

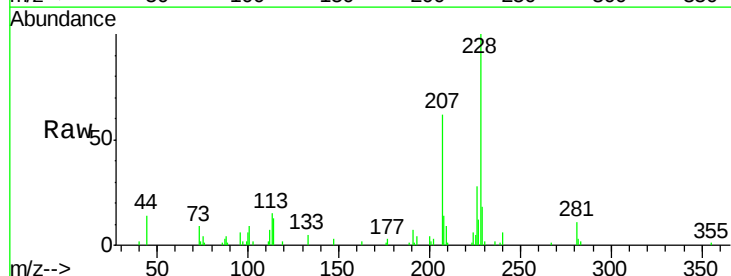


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

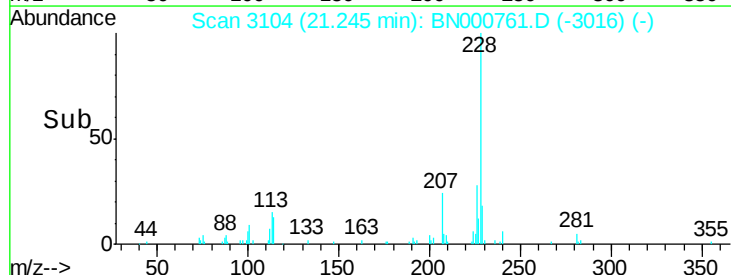
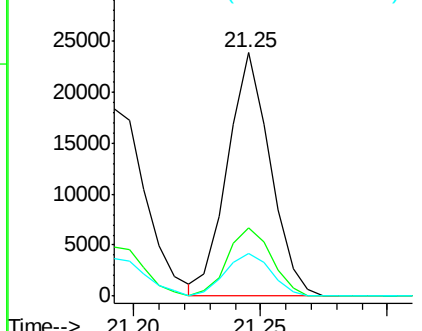


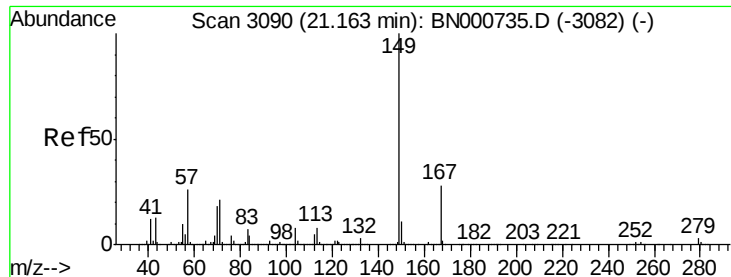
#82
 Chrysene
 Concen: 1.012 ng
 RT: 21.25 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

Tgt Ion:228 Resp: 27967
 Ion Ratio Lower Upper
 228 100
 226 28.0 24.9 37.3
 229 17.6 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

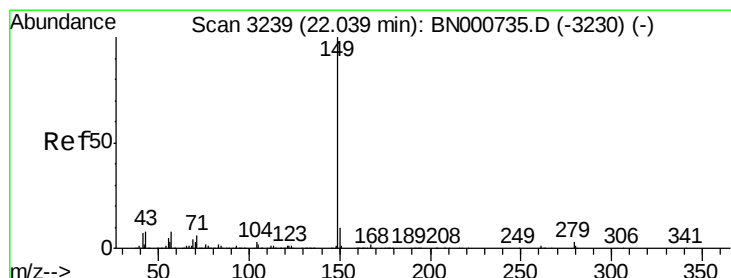
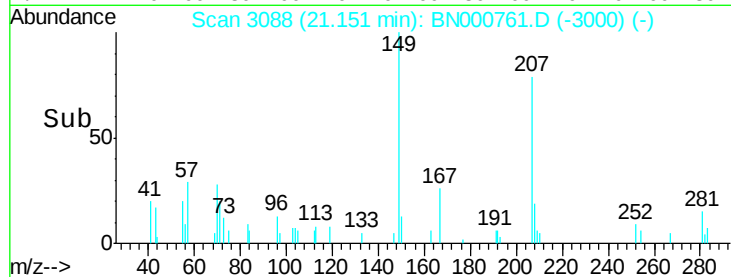
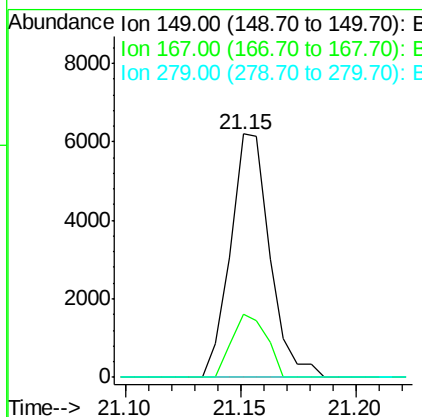
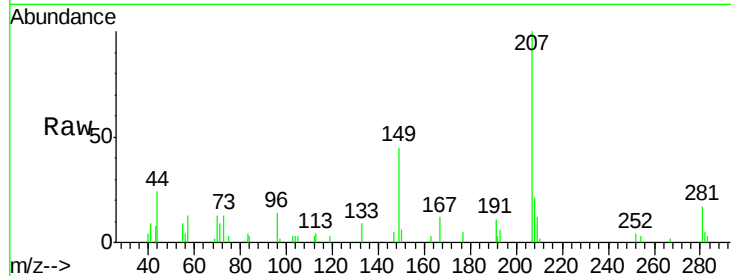




#83
Bis(2-ethylhexyl)phthalate
Concen: 0.351 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

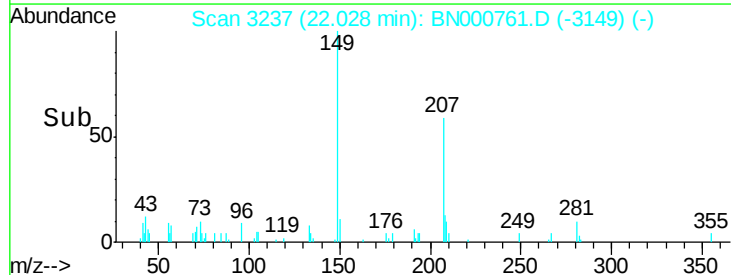
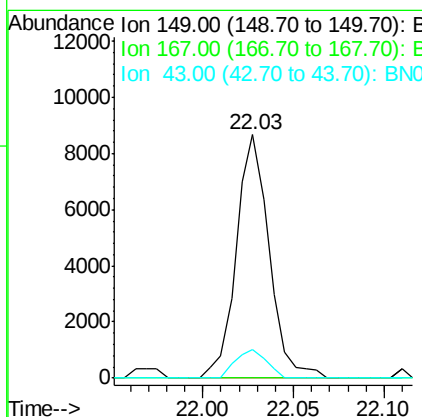
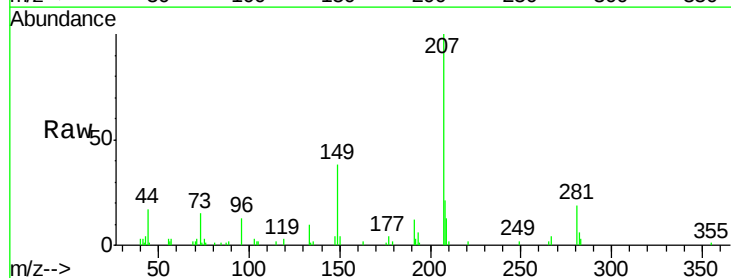
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

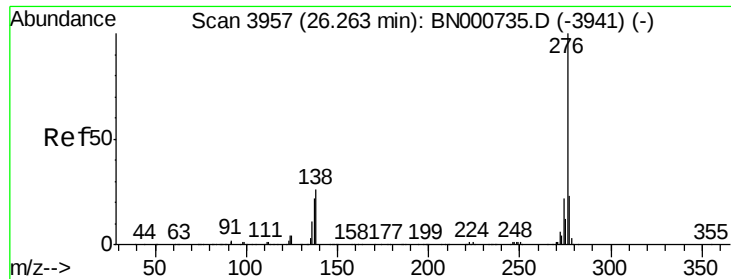
Tot Ion:149 Resp: 7371
Ion Ratio Lower Upper
149 100
167 25.8 24.3 36.5
279 0.0 4.0 6.0#



#84
Di-n-octyl phthalate
Concen: 0.363 ng
RT: 22.03 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion:149 Resp: 10909
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 11.2 8.9 13.3

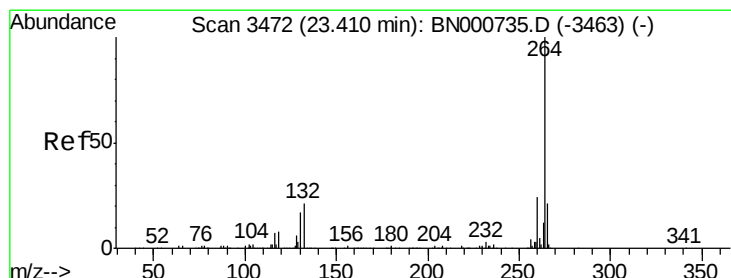
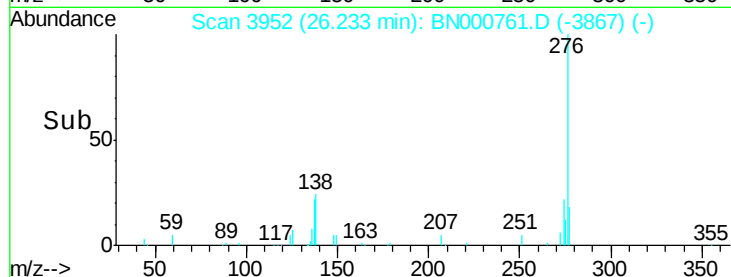
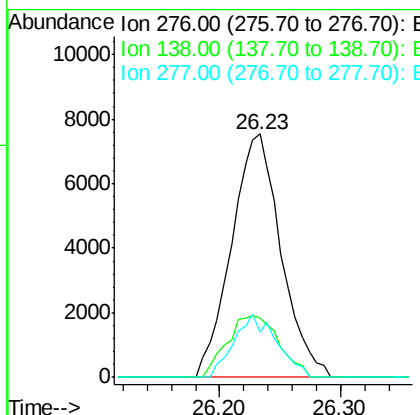
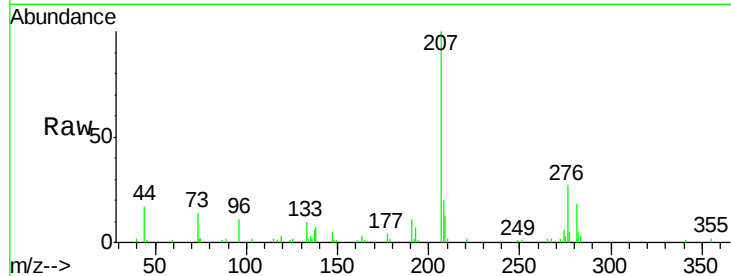




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.905 ng
RT: 26.23 min Scan# 3952
Delta R.T. -0.03 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

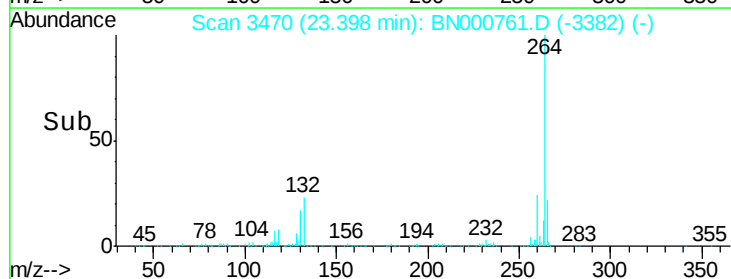
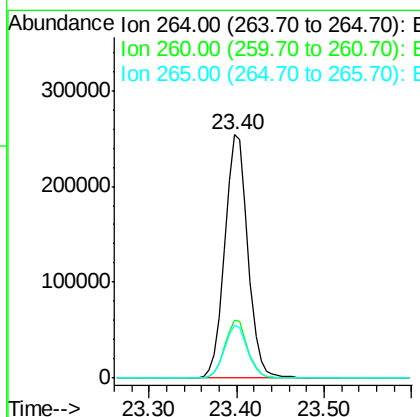
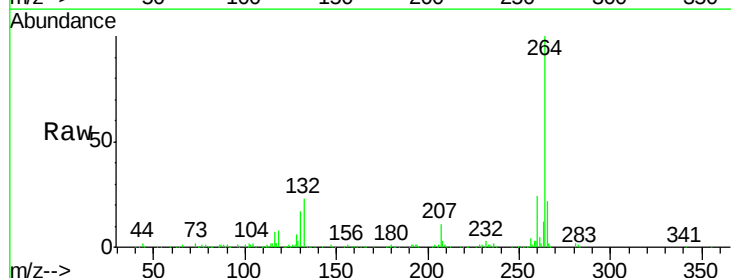
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

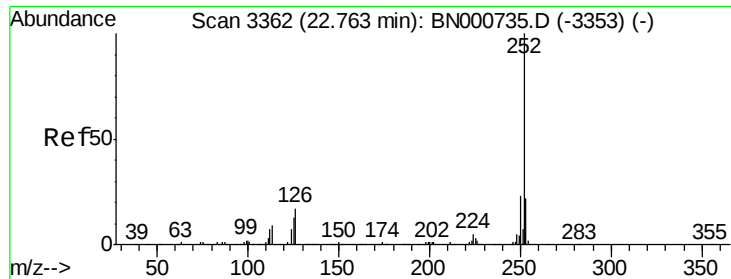
Tot Ion:276 Resp: 21512
Ion Ratio Lower Upper
276 100
138 26.4 16.0 24.0#
277 22.3 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion:264 Resp: 461474
Ion Ratio Lower Upper
264 100
260 23.8 17.4 26.0
265 21.7 17.7 26.5

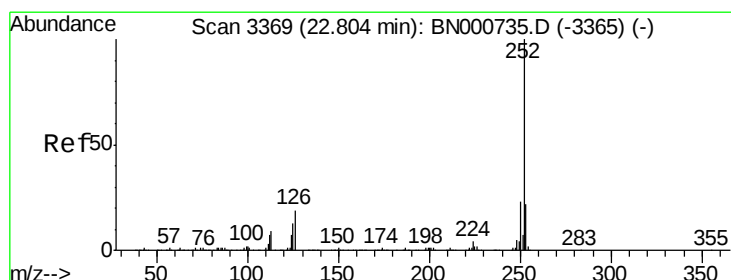
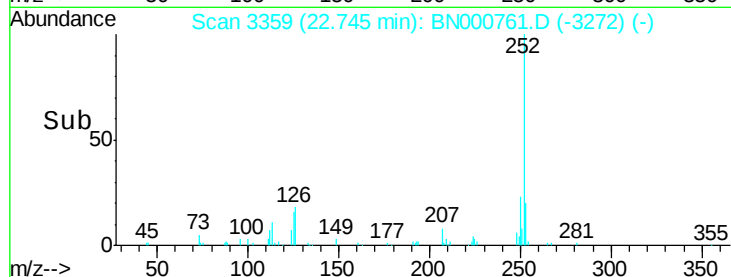
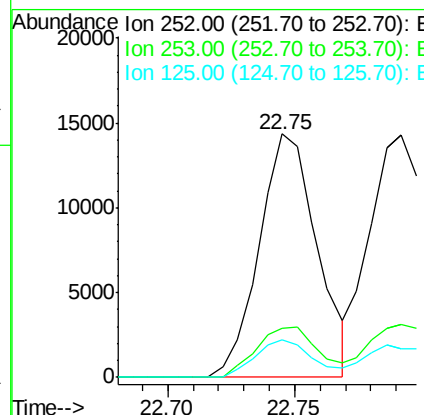
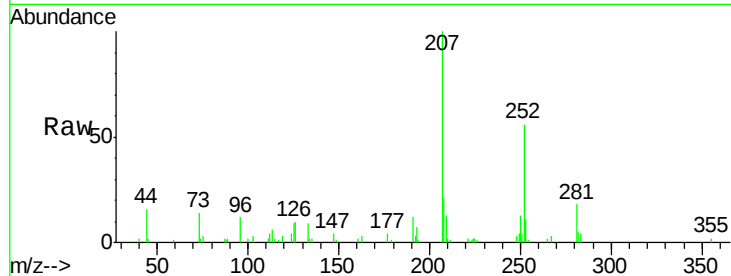




#87
Benzo(b)fluoranthene
Concen: 0.816 ng
RT: 22.75 min Scan# 3359
Delta R.T. -0.02 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

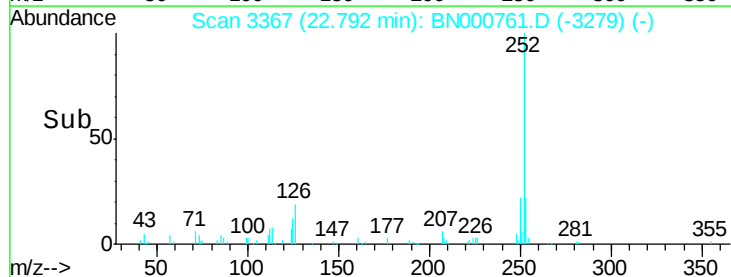
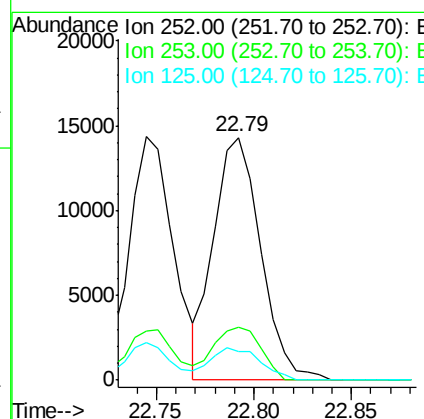
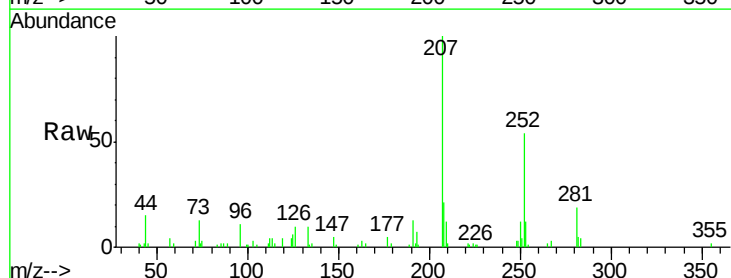
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

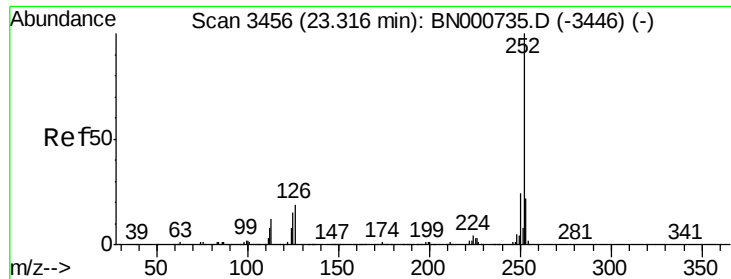
Tot Ion:252 Resp: 22884
Ion Ratio Lower Upper
252 100
253 20.2 18.2 27.4
125 15.6 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 0.859 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion:252 Resp: 23980
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.8 6.6 9.8#

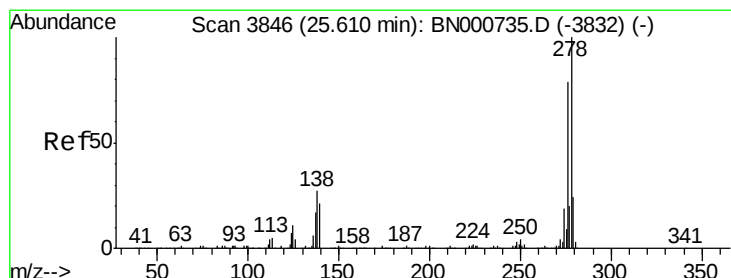
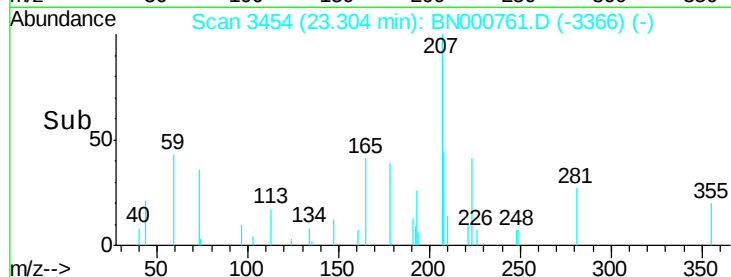
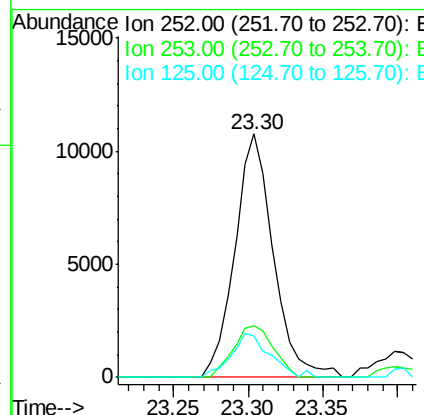
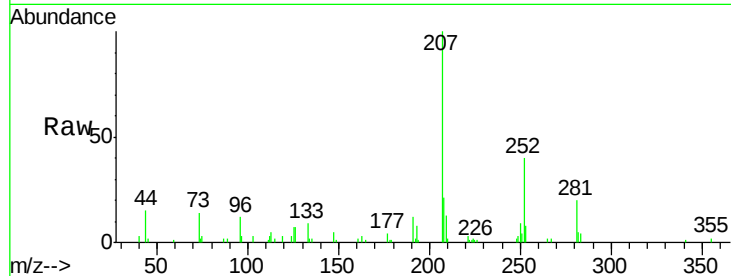




#89
Benzo(a)pyrene
Concen: 0.755 ng
RT: 23.30 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

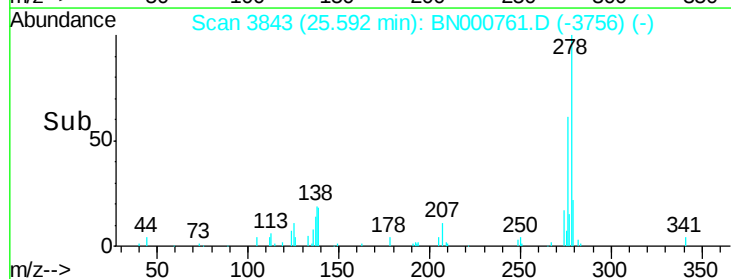
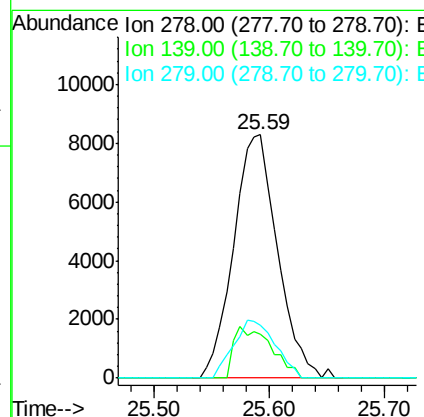
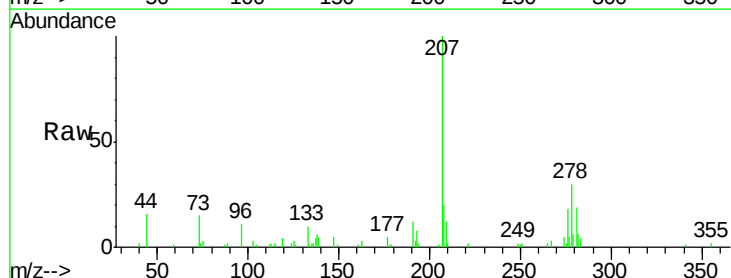
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

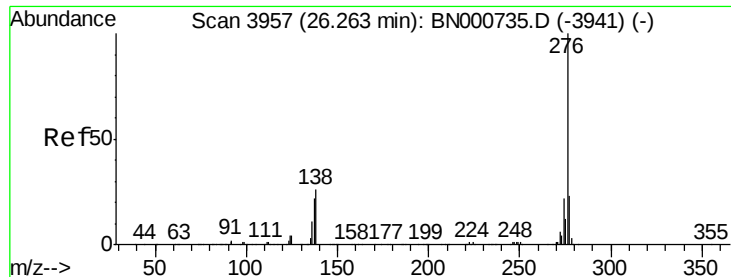
Tot Ion:252 Resp: 19309
Ion Ratio Lower Upper
252 100
253 21.3 18.3 27.5
125 17.1 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 0.871 ng
RT: 25.59 min Scan# 3843
Delta R.T. -0.02 min
Lab File: BN000761.D
Acq: 19 Apr 2018 03:44

Tgt Ion:278 Resp: 21948
Ion Ratio Lower Upper
278 100
139 18.2 9.8 14.6#
279 21.6 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 0.874 ng
 RT: 26.23 min Scan# 3952
 Delta R.T. -0.03 min
 Lab File: BN000761.D
 Acq: 19 Apr 2018 03:44

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	18.4	18.3	27.5
138	24.5	13.9	20.9

