

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000763.D
 Acq On : 19 Apr 2018 04:53
 Operator : JU/SJ
 Sample : J2133-09
 Misc : 5PPM MDL
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Apr 19 05:48:34 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	105237	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	436528	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	226734	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	469522	20.00	ng	0.00
75) Chrysene-d12	21.21	240	470016	20.00	ng	-0.01
86) Perylene-d12	23.40	264	476519	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	978917	138.18	ng	0.00
7) Phenol-d6	6.81	99	1273102	131.87	ng	0.00
23) Nitrobenzene-d5	8.78	82	703678	84.03	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	336534	147.44	ng	0.00
44) 2-Fluorobiphenyl	12.88	172	1414917	86.15	ng	0.00
78) Terphenyl-d14	19.65	244	1764494	80.94	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	17556	5.403	ng	# 89
3) Pyridine	3.63	79	40921	4.781	ng	99
4) n-Nitrosodimethylamine	3.55	42	10101	4.291	ng	91
6) Aniline	6.97	93	59259	4.627	ng	93
8) 2-Chlorophenol	7.20	128	36527	4.985	ng	90
9) Benzaldehyde	6.79	77	18104	1.985	ng	95
10) Phenol	6.83	94	49528	4.867	ng	92
11) bis(2-Chloroethyl)ether	7.07	93	39950	4.799	ng	86
12) 1,3-Dichlorobenzene	7.52	146	43755	5.142	ng	95
13) 1,4-Dichlorobenzene	7.66	146	44266	5.124	ng	96
14) 1,2-Dichlorobenzene	7.98	146	42394	5.141	ng	95
15) Benzyl Alcohol	7.86	79	26759	4.030	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.16	45	43722	4.945	ng	78
17) 2-Methylphenol	8.06	107	31188	4.559	ng	95
18) Hexachloroethane	8.69	117	15546	4.883	ng	# 79
19) n-Nitroso-di-n-propylamine	8.43	70	25612	4.265	ng	# 83
20) 3+4-Methylphenols	8.39	107	41100	4.372	ng	95
22) Acetophenone	8.44	105	60666	4.850	ng	# 88
24) Nitrobenzene	8.81	77	46609	5.191	ng	# 96
25) Isophorone	9.33	82	60898	4.014	ng	97
26) 2-Nitrophenol	9.52	139	13420	3.648	ng	95
27) 2,4-Dimethylphenol	9.58	122	26728	4.451	ng	95
28) bis(2-Chloroethoxy)methane	9.82	93	46765	4.728	ng	98
29) 2,4-Dichlorophenol	10.05	162	25239	4.268	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	35965	5.046	ng	96
31) Naphthalene	10.45	128	121124	5.161	ng	98
32) Benzoic acid	9.64	122	11666	6.474	ng	94
33) 4-Chloroaniline	10.55	127	42524	4.437	ng	97
34) Hexachlorobutadiene	10.73	225	19632	5.071	ng	94
35) Caprolactam	11.29	113	5358	2.619	ng	# 85
36) 4-Chloro-3-methylphenol	11.68	107	27894	3.995	ng	99
37) 2-Methylnaphthalene	12.06	142	76765	4.993	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	35145	4.998	ng	# 95
40) Hexachlorocyclopentadiene	12.42	237	17436	4.228	ng	95

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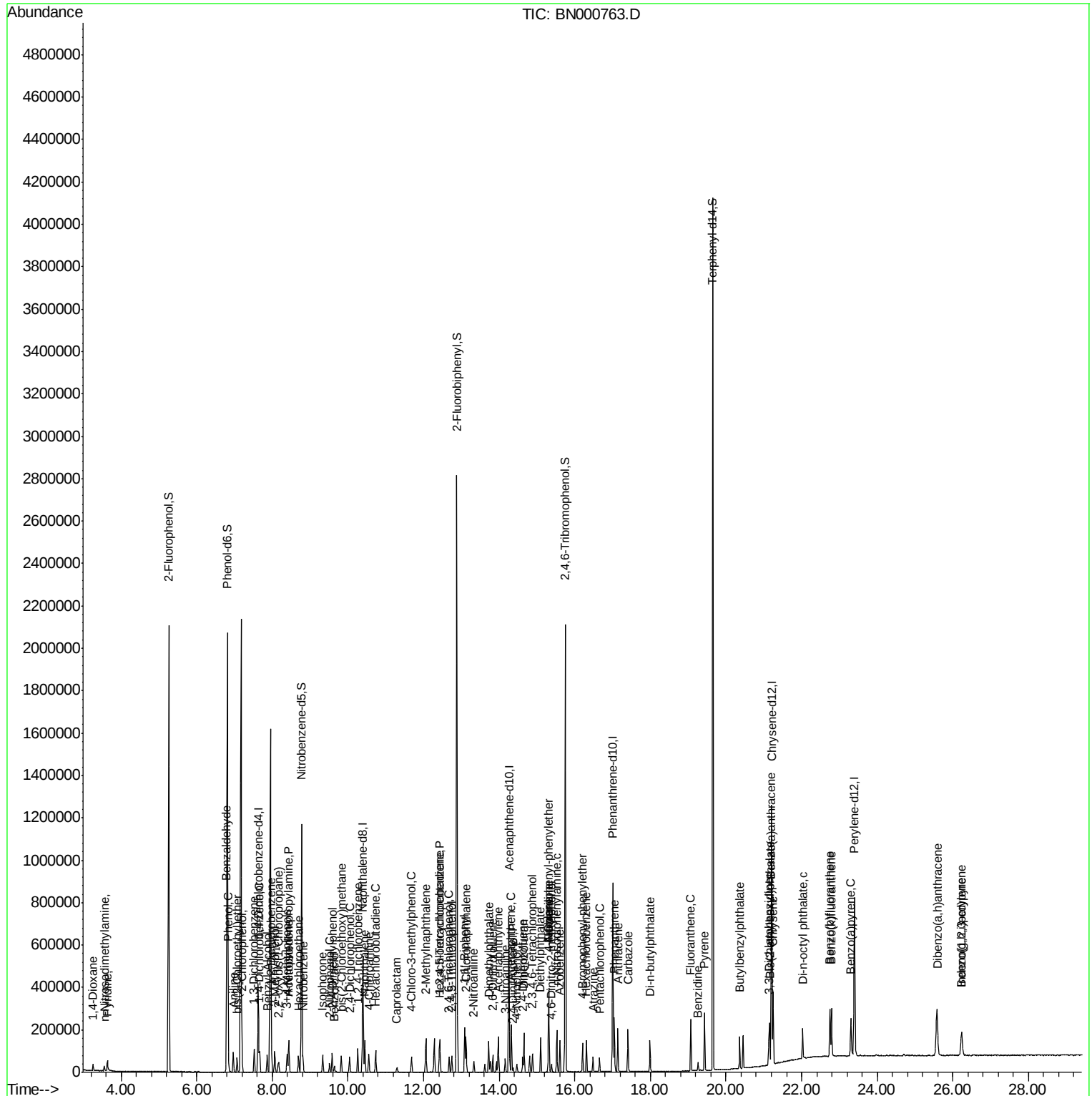
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42) 2,4,6-Trichlorophenol	12.68	196	16184	3.795	nq	98
43) 2,4,5-Trichlorophenol	12.75	196	20184	4.098	nq	# 94
45) 1,1'-Biphenyl	13.09	154	106145	5.230	nq	97
46) 2-Chloronaphthalene	13.12	162	76846	5.050	nq	97
47) 2-Nitroaniline	13.33	65	14424	3.268	nq	95
48) Acenaphthylene	13.97	152	114880	4.763	nq	98
49) Dimethylphthalate	13.72	163	86318	4.764	nq	99
50) 2,6-Dinitrotoluene	13.83	165	14821	3.862	nq	91
51) Acenaphthene	14.32	154	74794	5.087	nq	98
52) 3-Nitroaniline	14.16	138	15500	3.549	nq	# 91
53) 2,4-Dinitrophenol	14.37	184	4371	7.728	nq	97
54) Dibenzofuran	14.66	168	110021	5.141	nq	97
55) 4-Nitrophenol	14.47	139	10326	3.184	nq	84
56) 2,4-Dinitrotoluene	14.62	165	17876	3.558	nq	93
57) Fluorene	15.31	166	86979	5.140	nq	97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	15568	4.111	nq	# 86
59) Diethylphthalate	15.10	149	81383	4.532	nq	99
60) 4-Chlorophenyl-phenylether	15.31	204	41398	5.234	nq	91
61) 4-Nitroaniline	15.32	138	14773	3.438	nq	96
62) Azobenzene	15.60	77	86580	4.503	nq	89
64) 4,6-Dinitro-2-methylphenol	15.39	198	8064	2.781	nq	90
65) n-Nitrosodiphenylamine	15.53	169	71851	4.558	nq	96
66) 4-Bromophenyl-phenylether	16.20	248	21965	4.605	nq	# 84
67) Hexachlorobenzene	16.31	284	27503	4.980	nq	# 90
68) Atrazine	16.48	200	11476	2.687	nq	97
69) Pentachlorophenol	16.66	266	10880	3.049	nq	96
70) Phenanthrene	17.05	178	139664	5.136	nq	99
71) Anthracene	17.14	178	125629	4.717	nq	97
72) Carbazole	17.41	167	118909	4.751	nq	96
73) Di-n-butylphthalate	17.99	149	104760	3.674	nq	98
74) Fluoranthene	19.07	202	133597	4.874	nq	93
76) Benzidine	19.26	184	24314	1.910	nq	95
77) Pyrene	19.43	202	148610	4.389	nq	100
79) Butylbenzylphthalate	20.36	149	37446	2.625	nq	# 94
80) Benzo(a)anthracene	21.19	228	144217	4.869	nq	97
81) 3,3'-Dichlorobenzidine	21.13	252	31137	3.339	nq	# 95
82) Chrysene	21.24	228	145391	5.070	nq	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	62383	2.863	nq	95
84) Di-n-octyl phthalate	22.03	149	81032	2.599	nq	96
85) Indeno(1,2,3-cd)pyrene	26.23	276	122477	4.966	nq	# 92
87) Benzo(b)fluoranthene	22.74	252	133479	4.610	nq	# 96
88) Benzo(k)fluoranthene	22.79	252	136933	4.749	nq	# 96
89) Benzo(a)pyrene	23.30	252	119304	4.516	nq	# 94
90) Dibenzo(a,h)anthracene	25.59	278	126509	4.859	nq	# 93
91) Benzo(g,h,i)perylene	26.23	276	122477	4.819	nq	# 89

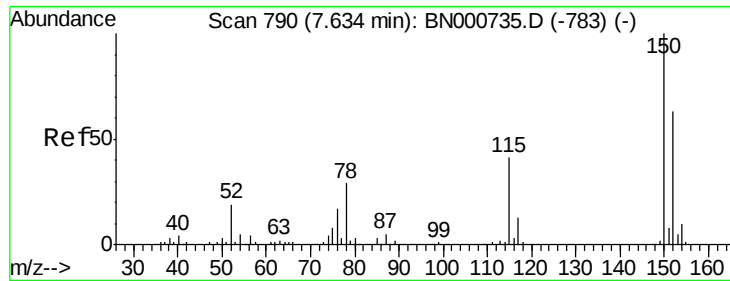
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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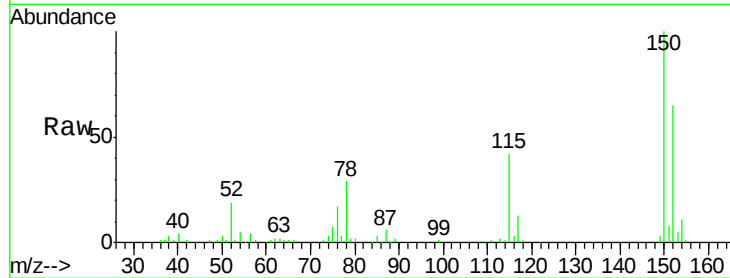


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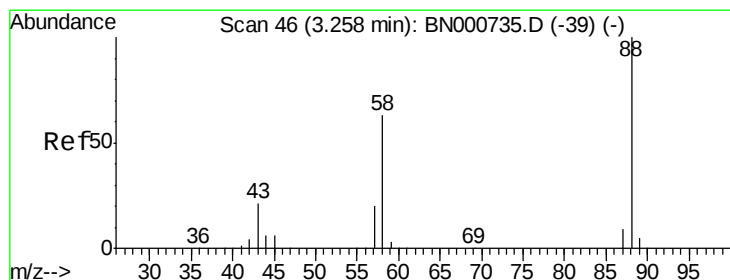
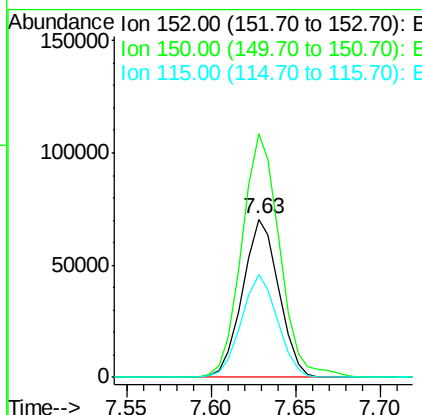
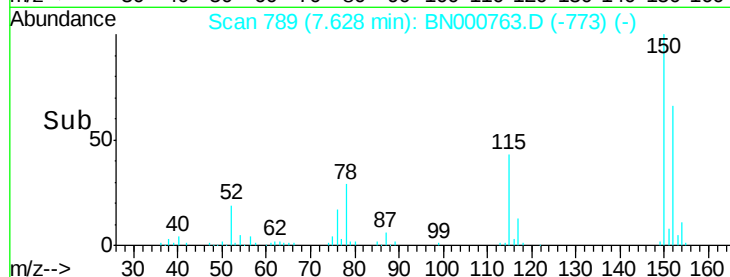
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.6	189.8
115	65.2	53.0	79.4



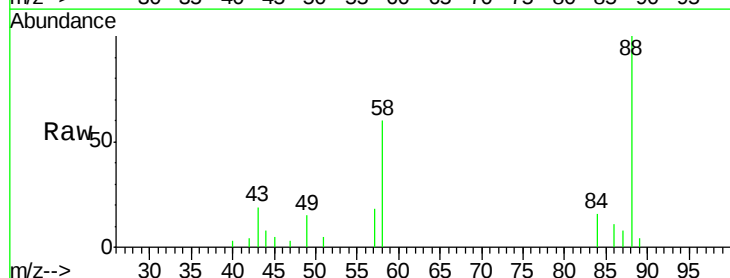
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



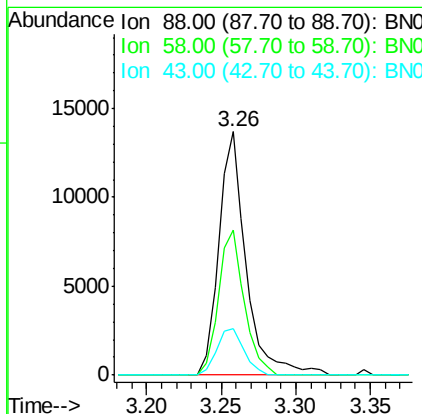
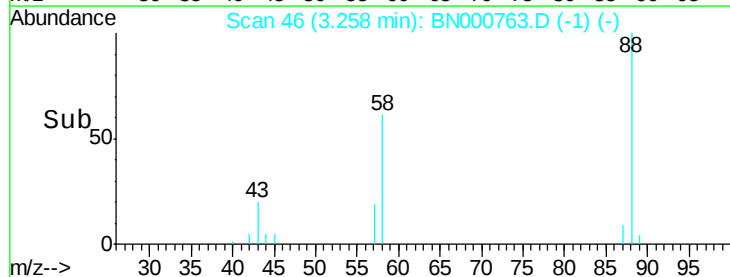
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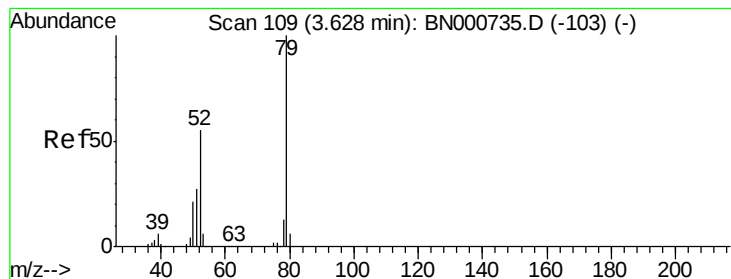
1,4-Dioxane
Concen: 5.403 ng
RT: 3.26 min Scan# 46
Delta R.T. -0.00 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.3	52.0	78.0
43	19.1	20.0	30.0



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





#3

Pvridine

Concen: 4.781 ng

RT: 3.63 min Scan# 110

Delta R.T. 0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

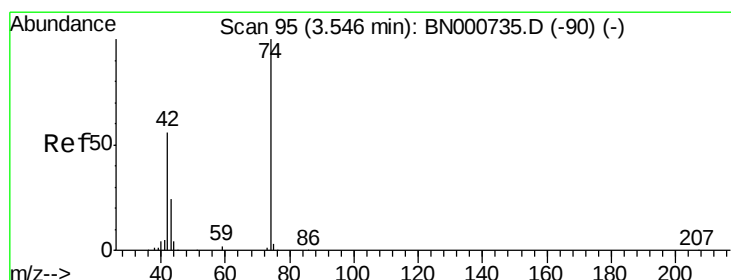
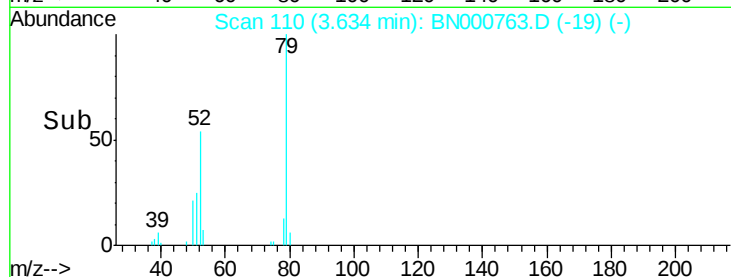
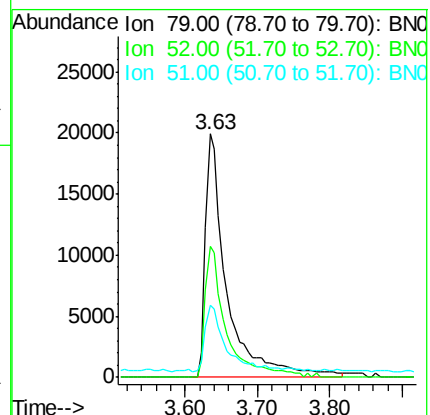
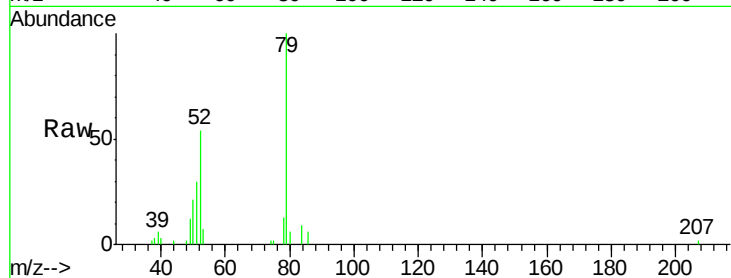
Tot Ion: 79 Resp: 40921

Ion Ratio Lower Upper

79 100

52 53.9 44.0 66.0

51 29.6 24.0 36.0



#4

n-Nitrosodimethylamine

Concen: 4.291 ng

RT: 3.55 min Scan# 96

Delta R.T. 0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

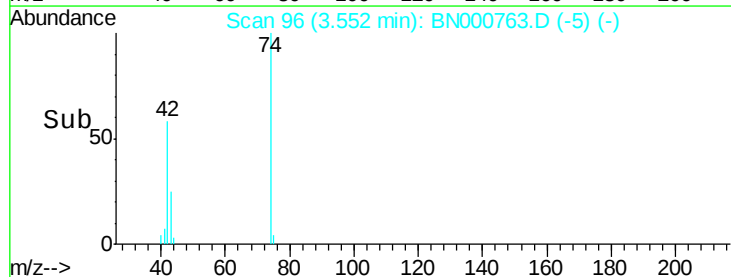
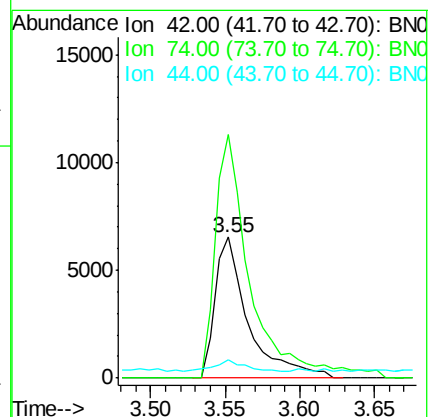
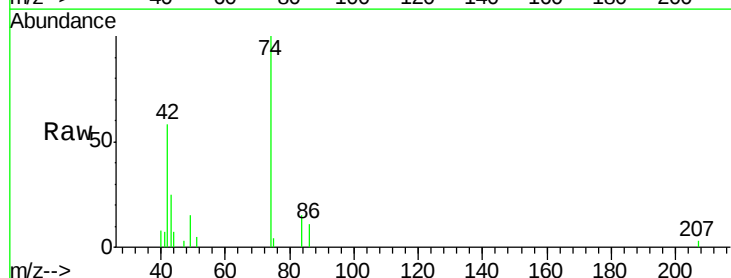
Tgt Ion: 42 Resp: 10101

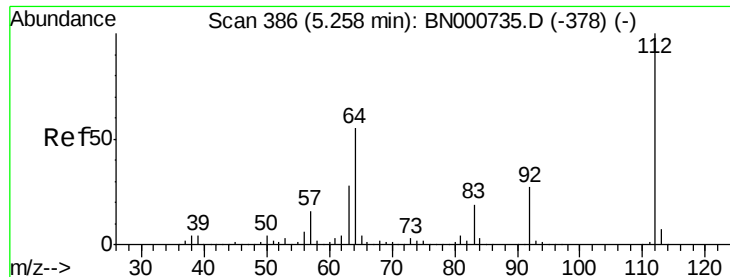
Ion Ratio Lower Upper

42 100

74 172.6 128.0 192.0

44 12.5 12.0 18.0





#5

2-Fluorophenol

Concen: 138.180 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

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MDL-WATER-03-QT2-2018

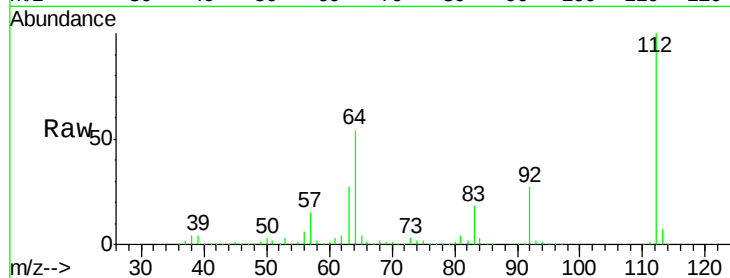
Tot Ion:112 Resp: 978917

Ion Ratio Lower Upper

112 100

64 54.2 56.3 84.5#

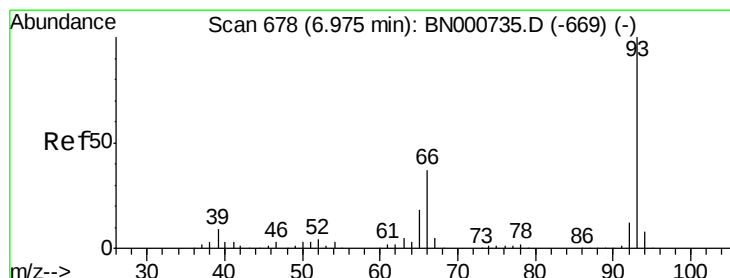
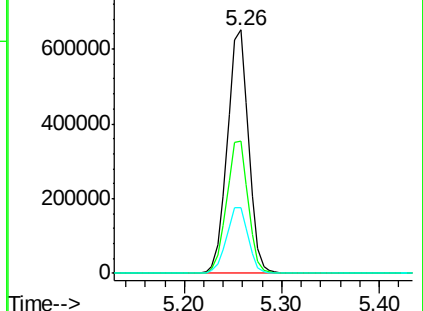
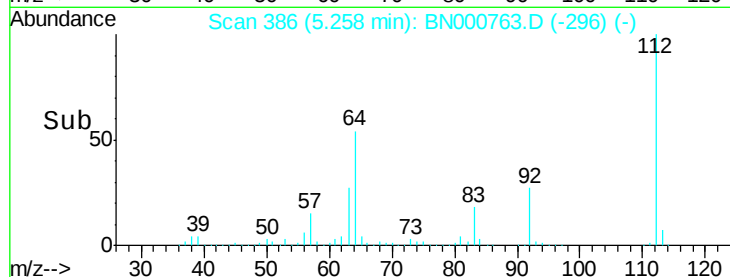
63 26.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 4.627 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

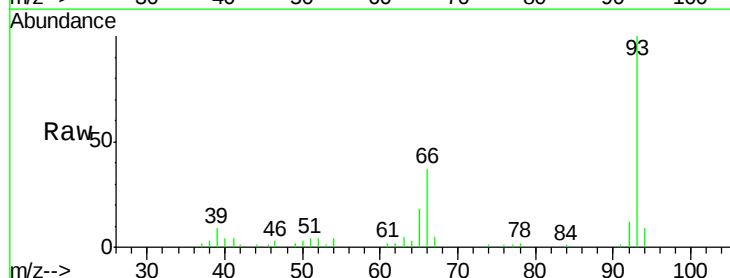
Tgt Ion: 93 Resp: 59259

Ion Ratio Lower Upper

93 100

66 37.1 33.7 50.5

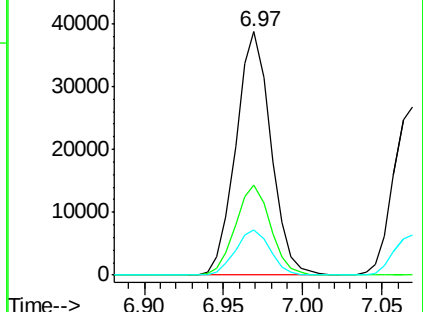
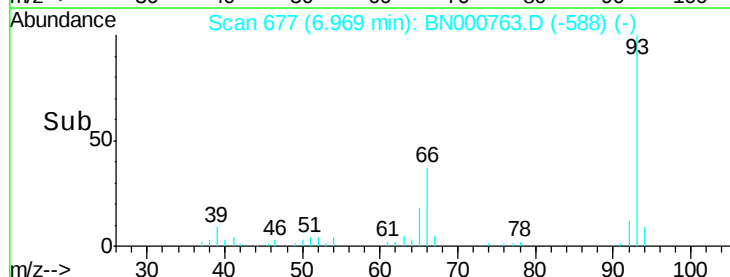
65 18.5 16.1 24.1

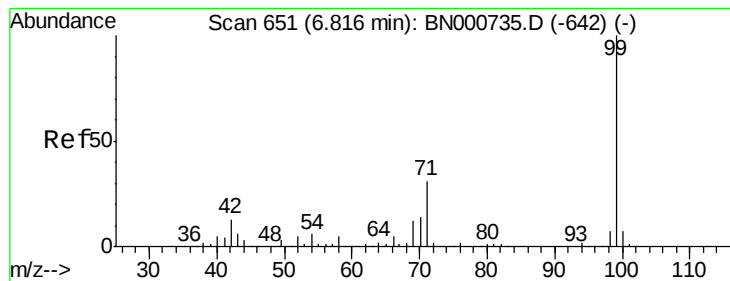


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 131.872 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

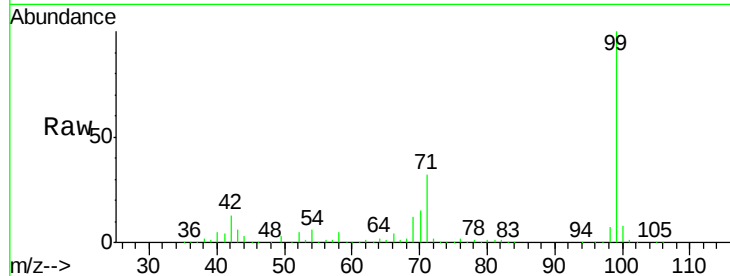
BNA_N

ClientSampleId :

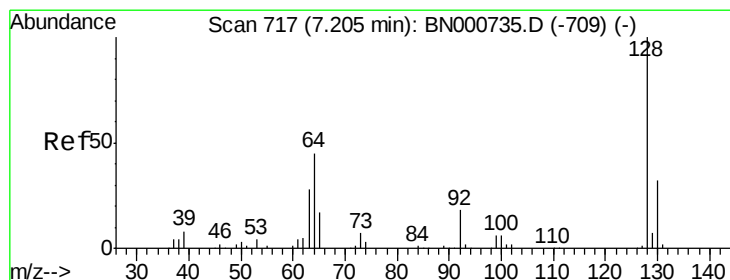
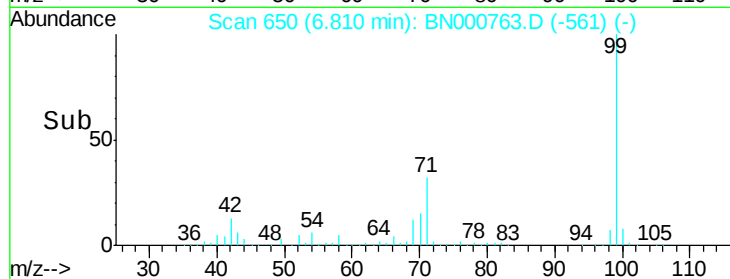
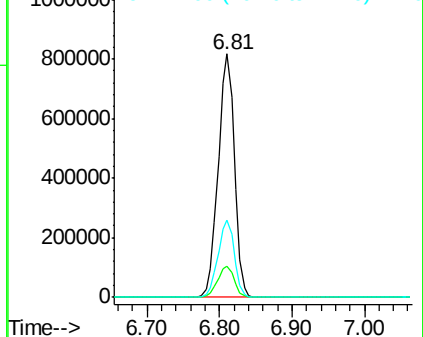
MDL-WATER-03-QT2-2018

Tot Ion: 99 Resp: 1273102

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



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



#8

2-Chlorophenol

Concen: 4.985 ng

RT: 7.20 min Scan# 716

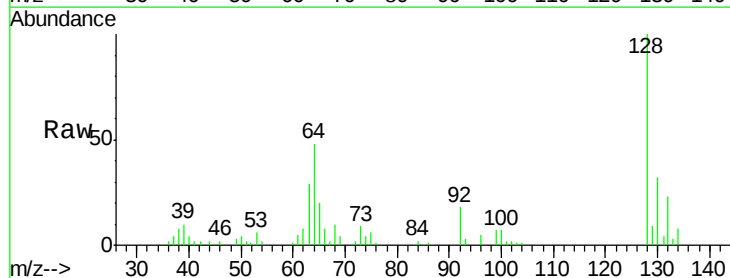
Delta R.T. -0.01 min

Lab File: BN000763.D

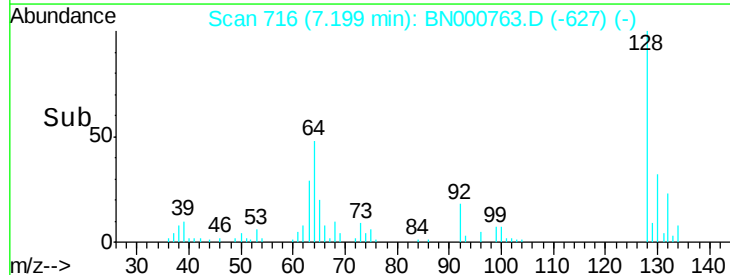
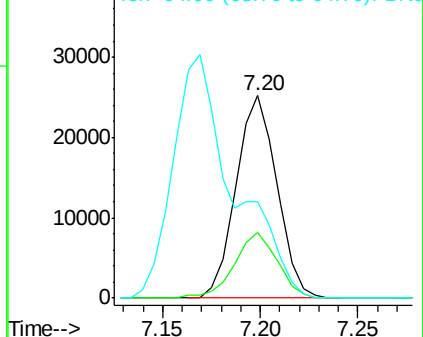
Acq: 19 Apr 2018 04:53

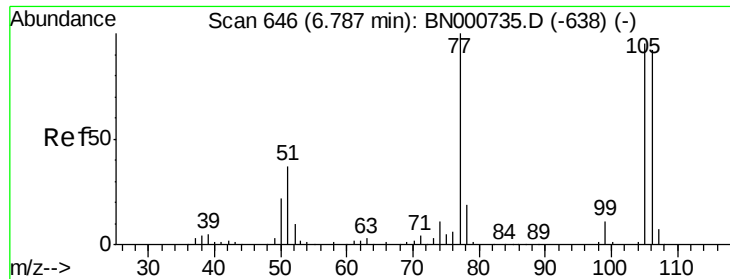
Tgt Ion: 128 Resp: 36527

Ion	Ratio	Lower	Upper
128	100		
130	32.3	14.0	54.0
64	47.7	37.7	77.7



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





#9

Benzaldehyde

Concen: 1.985 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

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MDL-WATER-03-QT2-2018

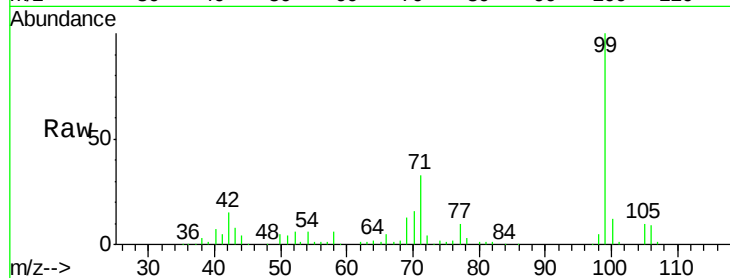
Tot Ion: 77 Resp: 18104

Ion Ratio Lower Upper

77 100

105 95.5 71.3 111.3

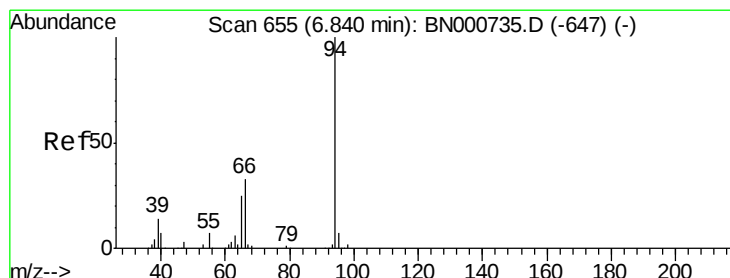
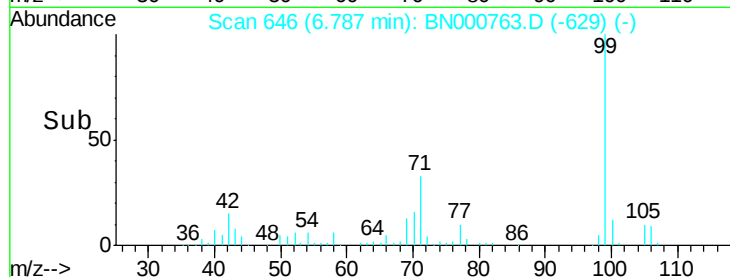
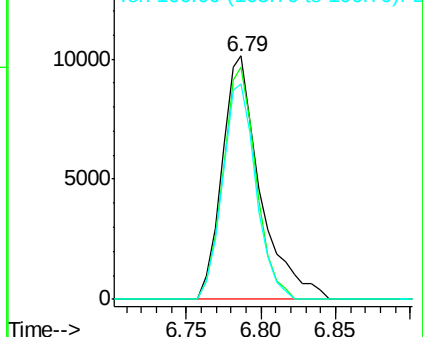
106 88.7 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



#10

Phenol

Concen: 4.867 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

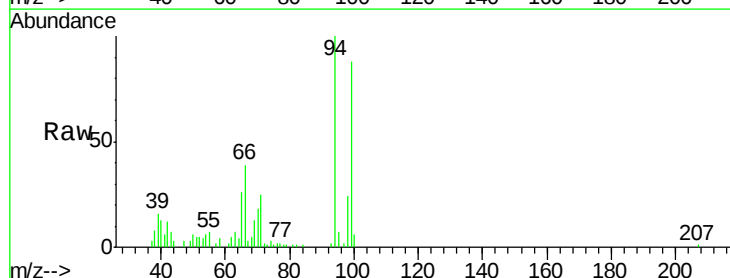
Tgt Ion: 94 Resp: 49528

Ion Ratio Lower Upper

94 100

65 25.6 11.9 51.9

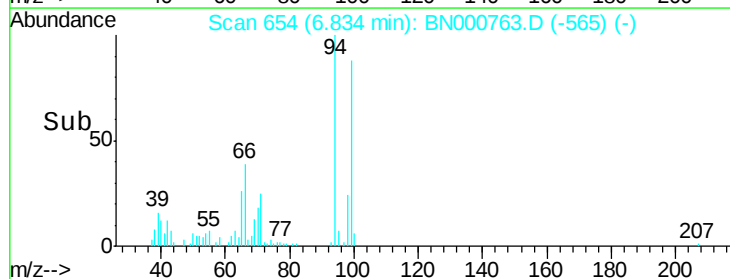
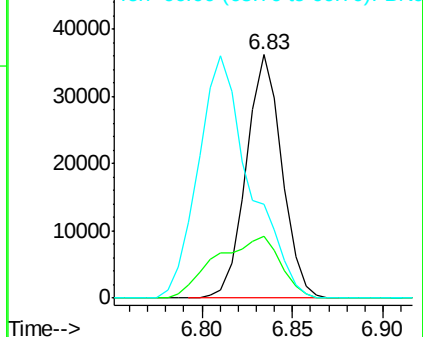
66 38.8 22.2 62.2

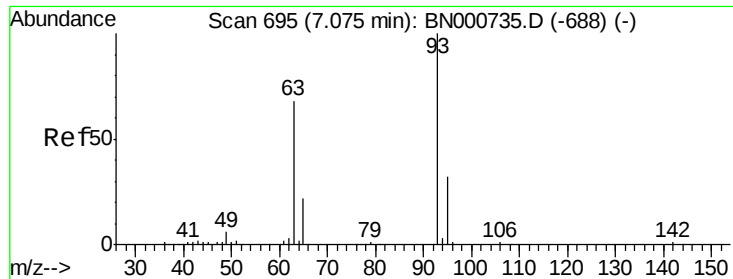


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

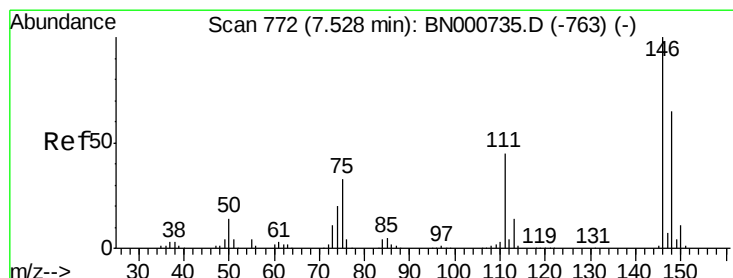
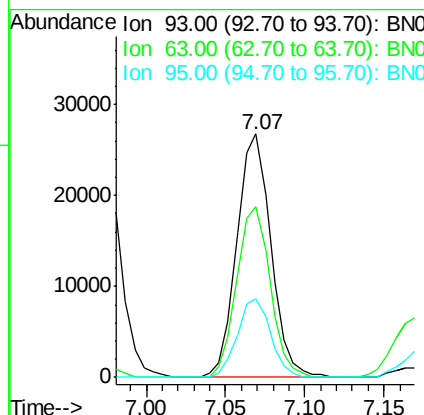
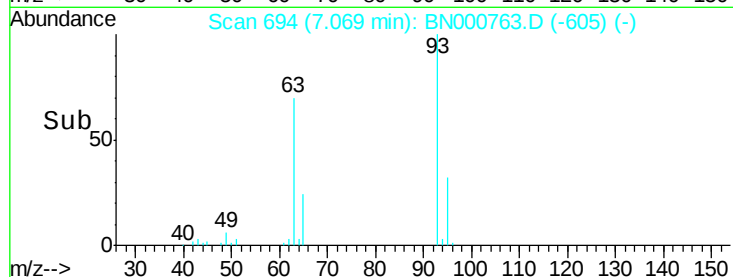
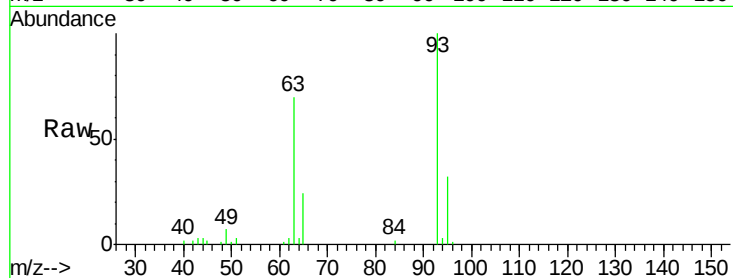




#11
bis(2-Chloroethyl)ether
Concen: 4.799 ng
RT: 7.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

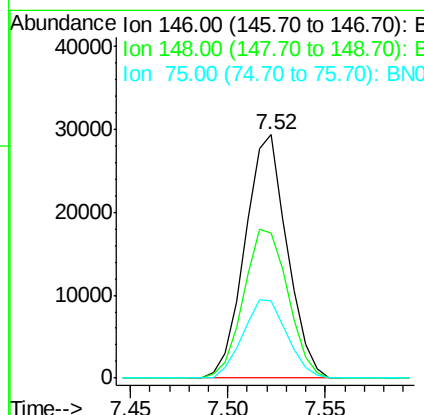
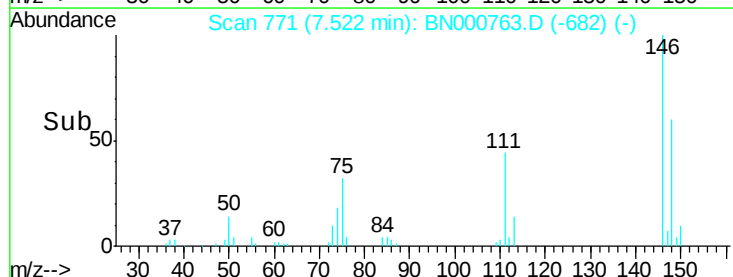
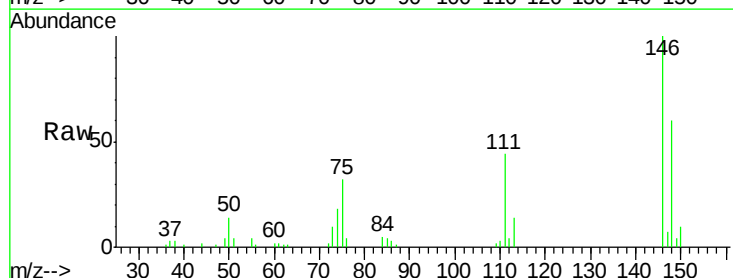
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

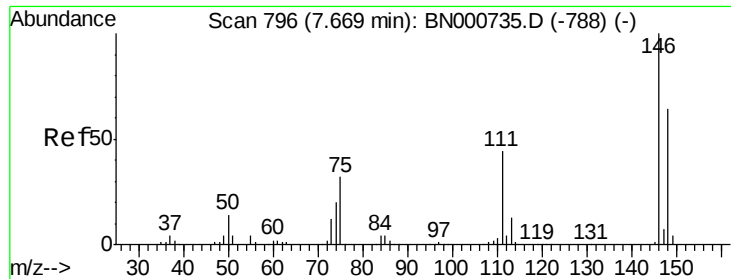
Tot Ion: 93 Resp: 39950
Ion Ratio Lower Upper
93 100
63 70.0 67.1 107.1
95 32.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 5.142 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion: 146 Resp: 43755
Ion Ratio Lower Upper
146 100
148 59.7 51.4 77.2
75 31.8 26.6 39.8

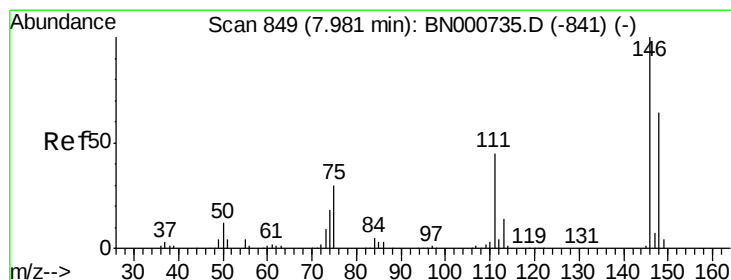
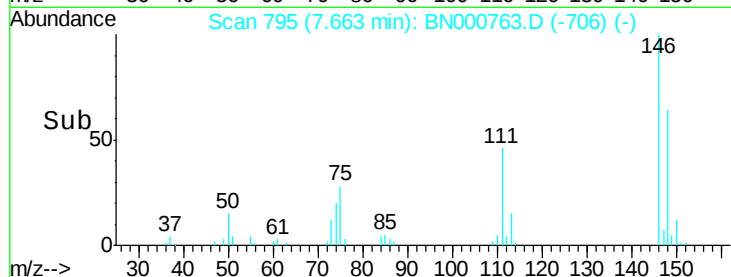
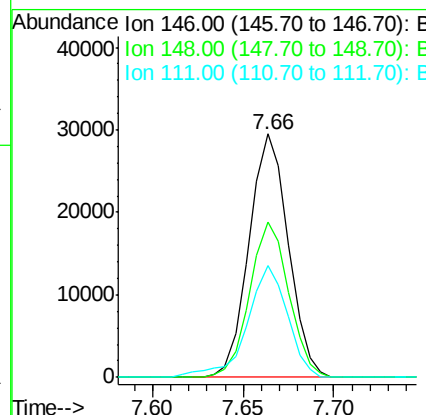
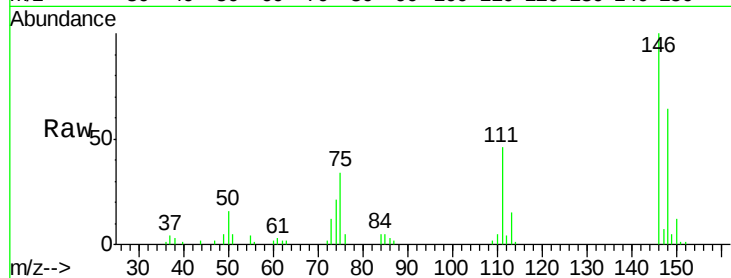




#13
 1,4-Dichlorobenzene
 Concen: 5.124 ng
 RT: 7.66 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

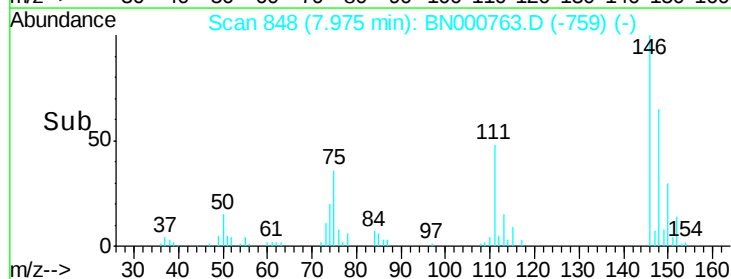
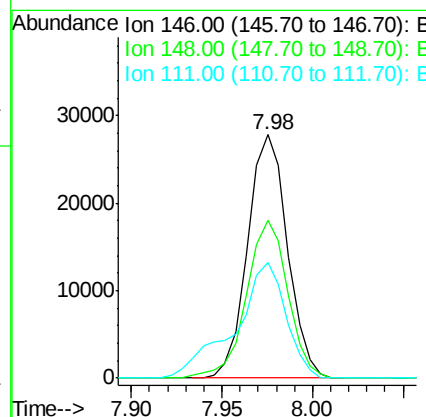
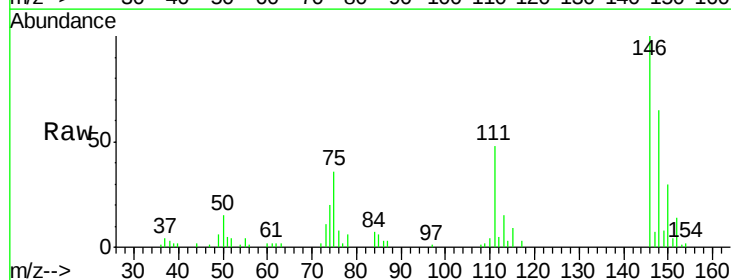
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

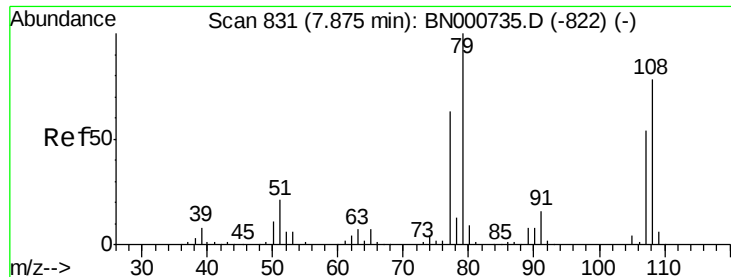
Tot Ion:146 Resp: 44266
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.7 80.5
 111 45.9 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 5.141 ng
 RT: 7.98 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

Tgt Ion:146 Resp: 42394
 Ion Ratio Lower Upper
 146 100
 148 64.7 49.3 73.9
 111 47.7 34.3 51.5





#15

Benzyl Alcohol

Concen: 4.030 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

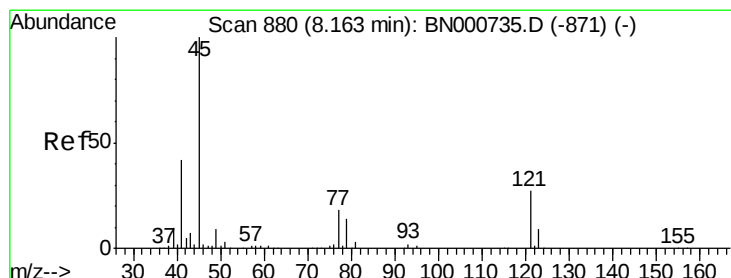
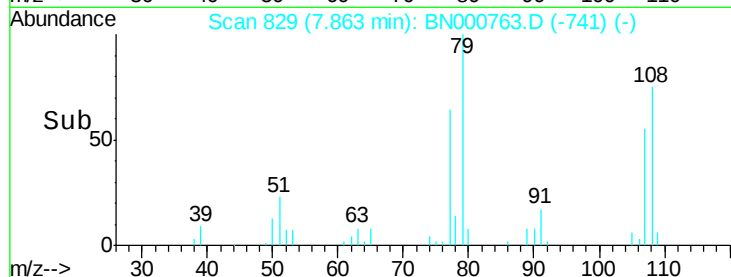
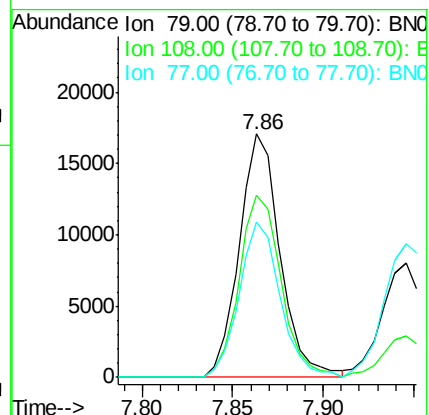
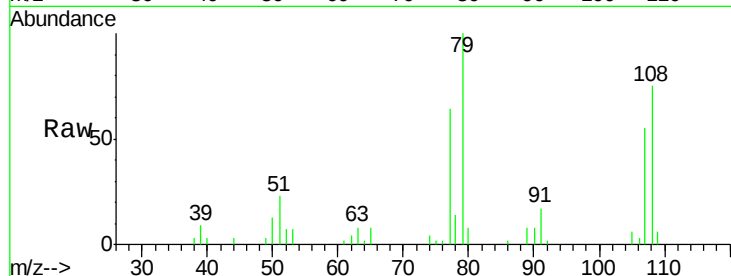
Tot Ion: 79 Resp: 26759

Ion Ratio Lower Upper

79 100

108 75.0 57.2 85.8

77 63.8 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.945 ng

RT: 8.16 min Scan# 880

Delta R.T. -0.00 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

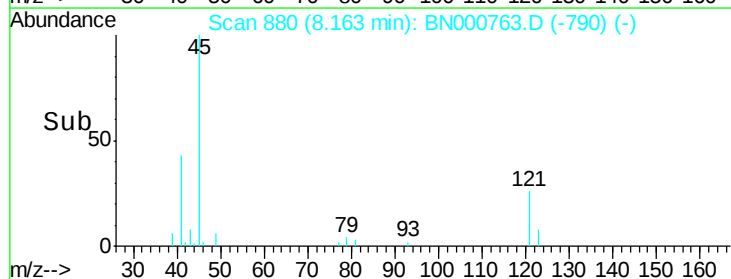
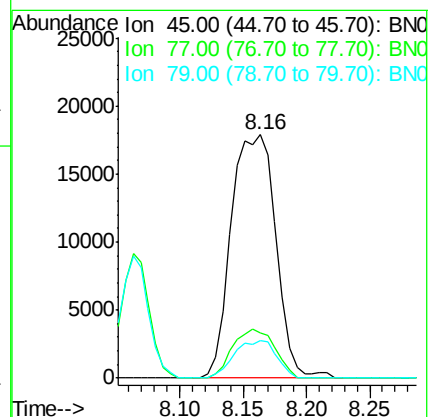
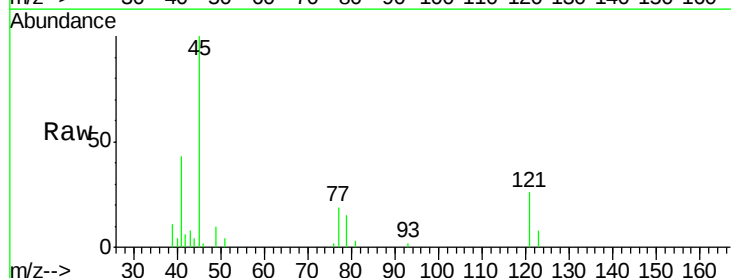
Tgt Ion: 45 Resp: 43722

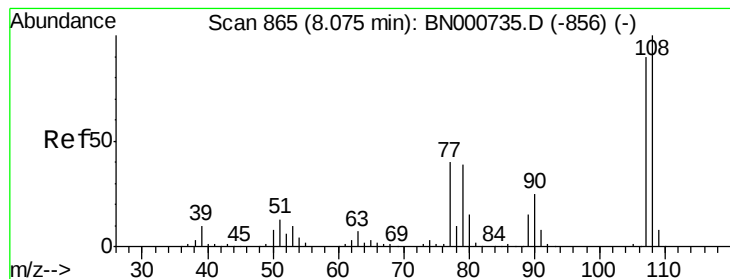
Ion Ratio Lower Upper

45 100

77 18.5 0.0 30.2

79 15.3 0.0 27.9





#17

2-Methylphenol

Concen: 4.559 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:107 Resp: 31188

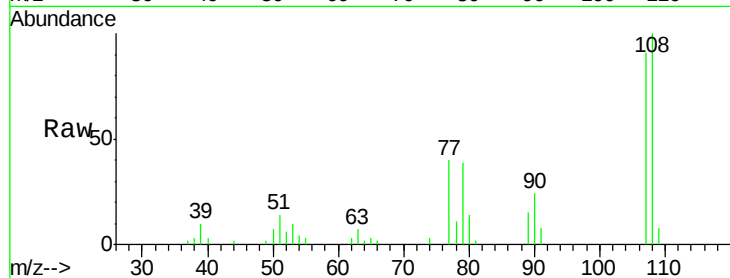
Ion Ratio Lower Upper

107 100

108 109.9 83.9 125.9

77 43.8 37.2 55.8

79 42.5 36.2 54.2

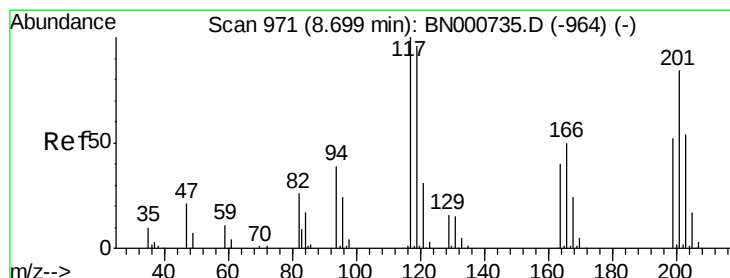
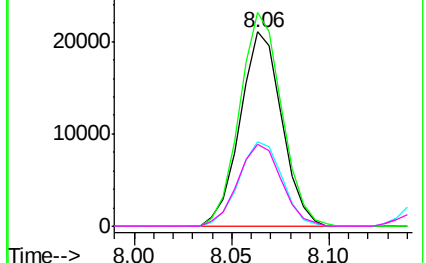
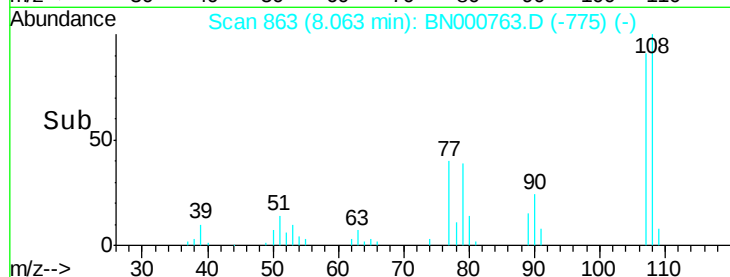


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 4.883 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

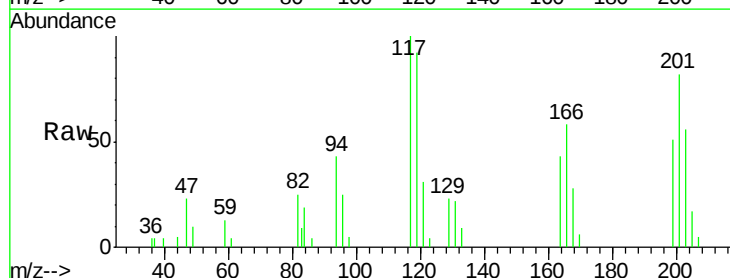
Tgt Ion:117 Resp: 15546

Ion Ratio Lower Upper

117 100

119 91.7 76.7 115.1

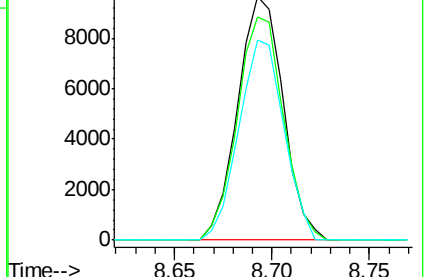
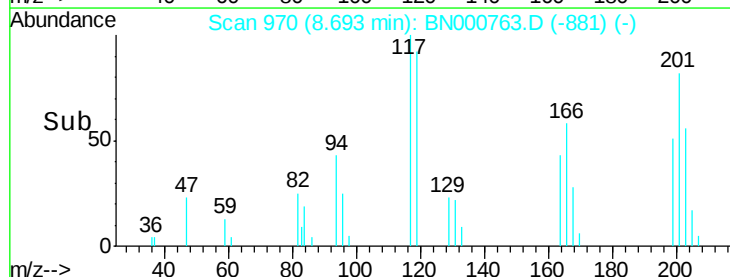
201 82.0 95.7 143.5#

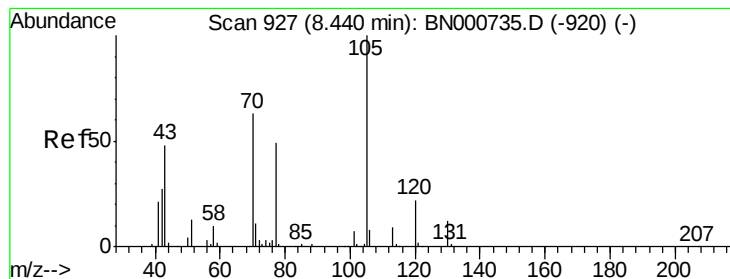


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 4.265 ng

RT: 8.43 min Scan# 925

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion: 70 Resp: 25612

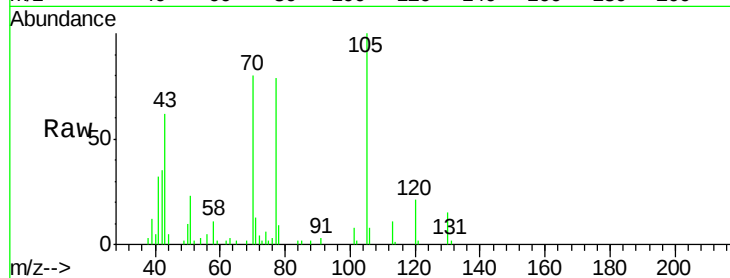
Ion Ratio Lower Upper

70 100

42 43.1 49.1 73.7#

101 10.5 8.5 12.7

130 18.1 13.4 20.0



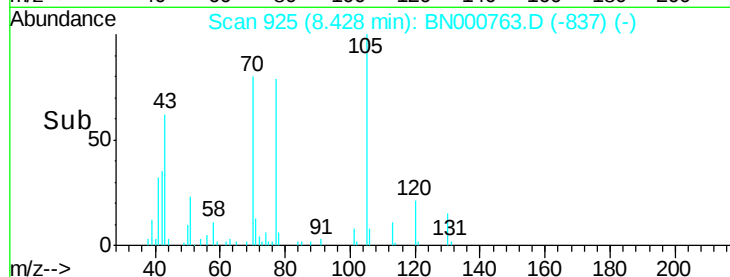
Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

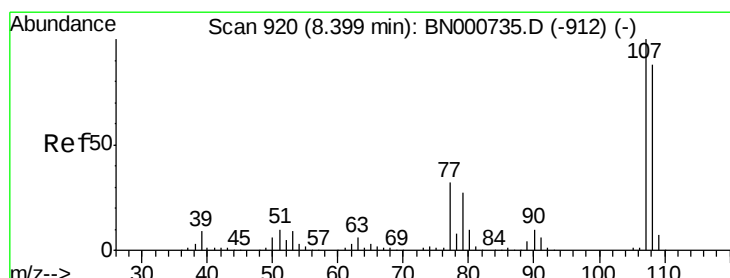
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time--> 8.35 8.40 8.45



Time--> 8.35 8.40 8.45



#20

3+4-Methylphenols

Concen: 4.372 ng

RT: 8.39 min Scan# 918

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Tgt Ion:107 Resp: 41100

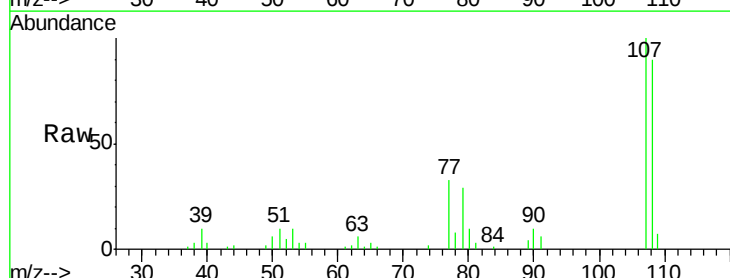
Ion Ratio Lower Upper

107 100

108 89.9 61.6 101.6

77 33.5 13.9 53.9

79 28.7 8.8 48.8



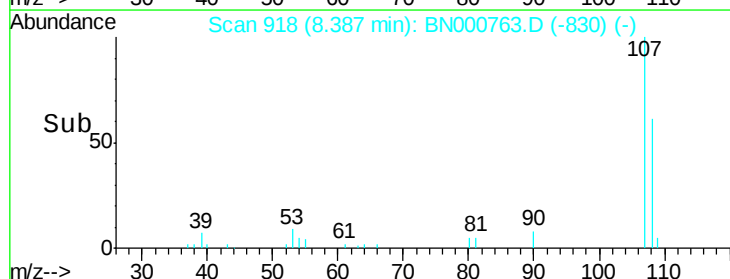
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

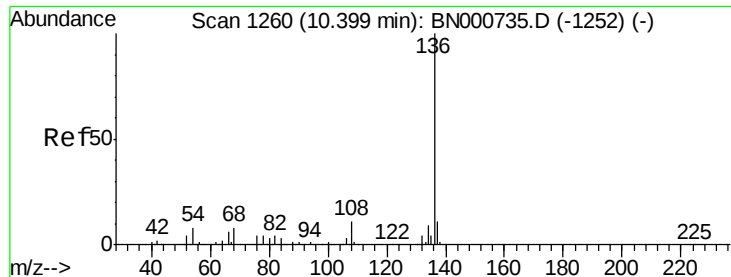
Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

Time--> 8.30 8.35 8.40 8.45



Time--> 8.30 8.35 8.40 8.45



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:136 Resp: 436528

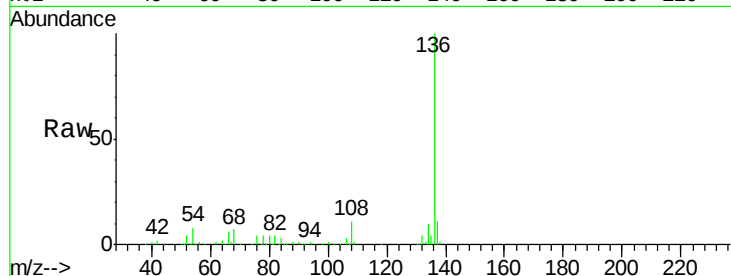
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.8 10.3 15.5#

68 7.5 4.5 6.7#

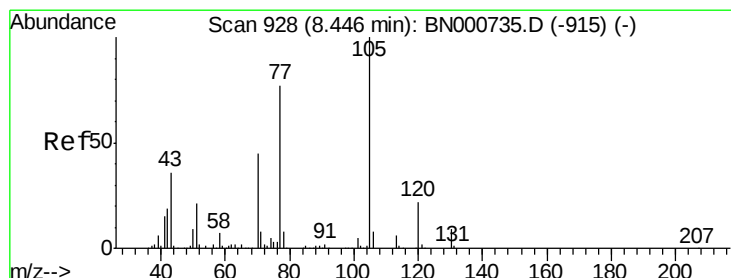
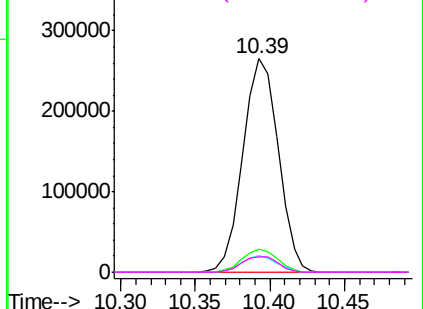
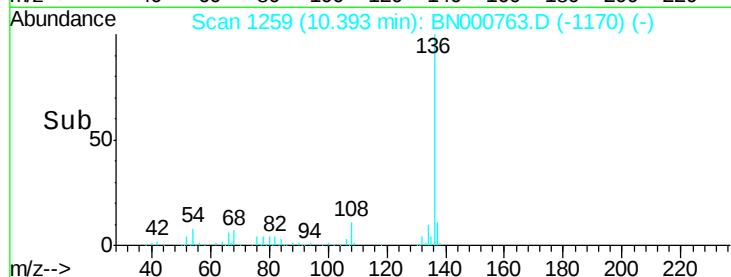


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.850 ng

RT: 8.44 min Scan# 927

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Tgt Ion:105 Resp: 60666

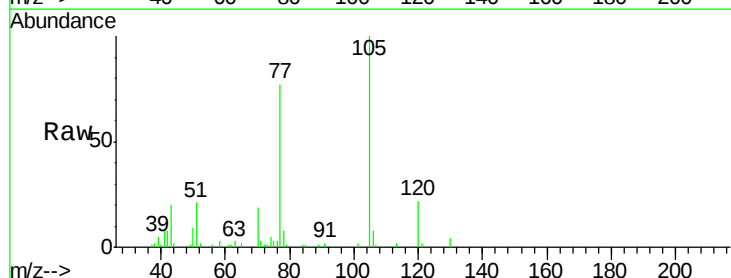
Ion Ratio Lower Upper

105 100

71 3.0 3.0 4.4

51 20.9 26.1 39.1#

120 21.6 17.4 26.2

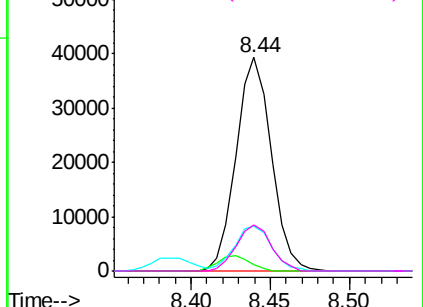
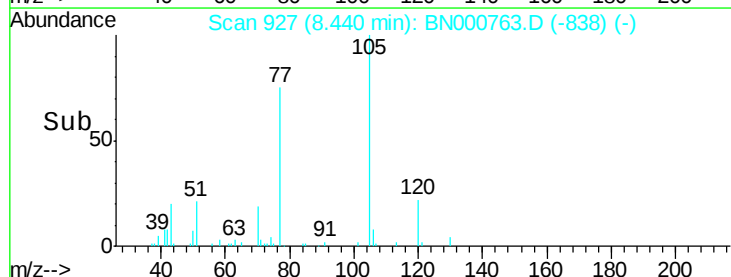


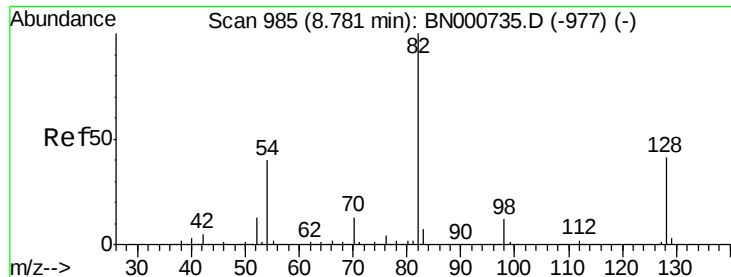
Abundance Ion 105.00 (104.70 to 105.70): E

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

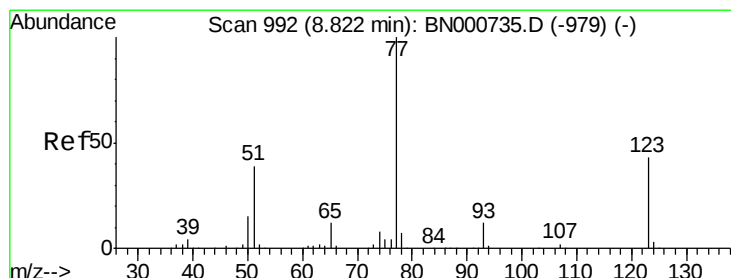
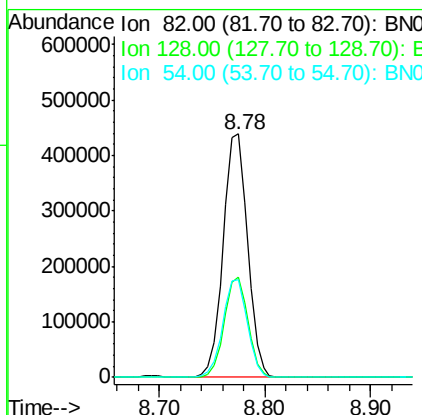
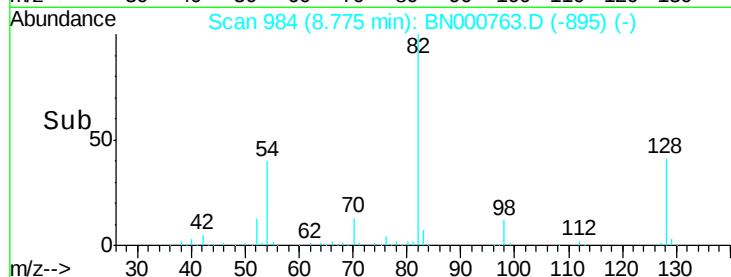
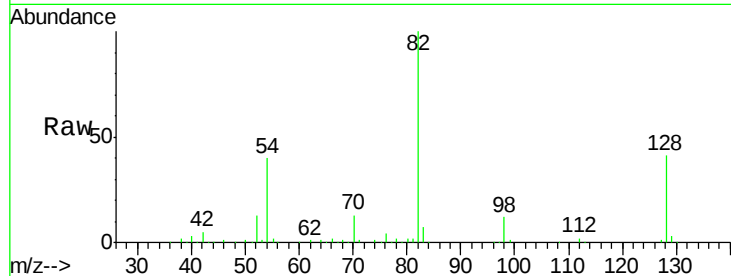




#23
Nitrobenzene-d5
Concen: 84.034 ng
RT: 8.78 min Scan# 984
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

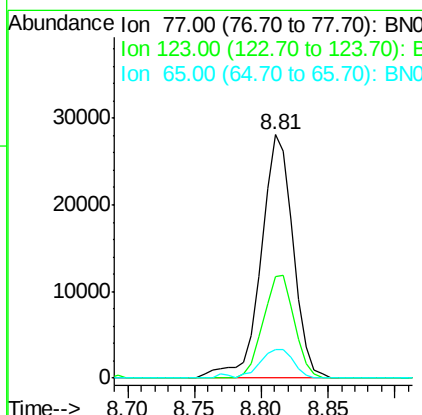
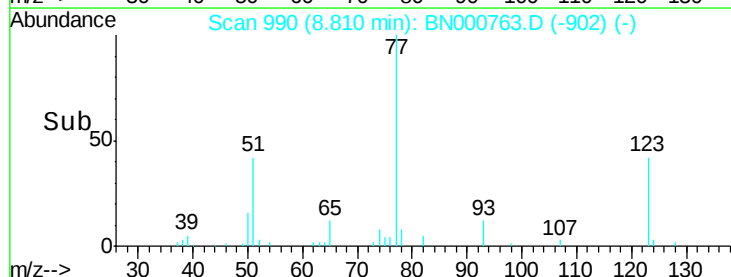
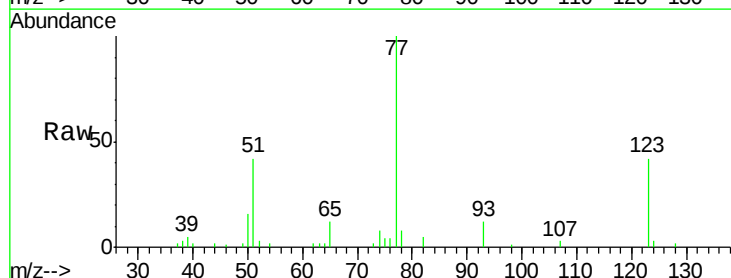
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

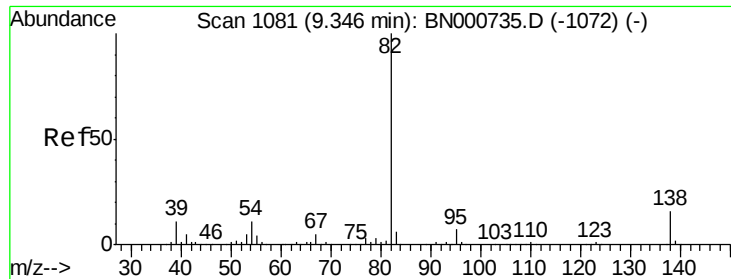
Tot Ion: 82 Resp: 703678
Ion Ratio Lower Upper
82 100
128 41.0 29.7 44.5
54 40.2 43.1 64.7#



#24
Nitrobenzene
Concen: 5.191 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion: 77 Resp: 46609
Ion Ratio Lower Upper
77 100
123 41.7 33.0 49.6
65 11.6 13.0 19.6#





#25

Isophorone

Concen: 4.014 ng

RT: 9.33 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

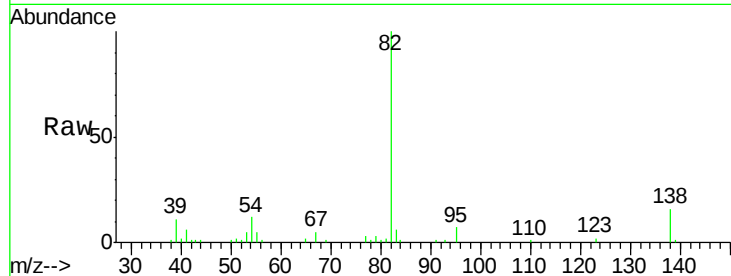
Tot Ion: 82 Resp: 60898

Ion Ratio Lower Upper

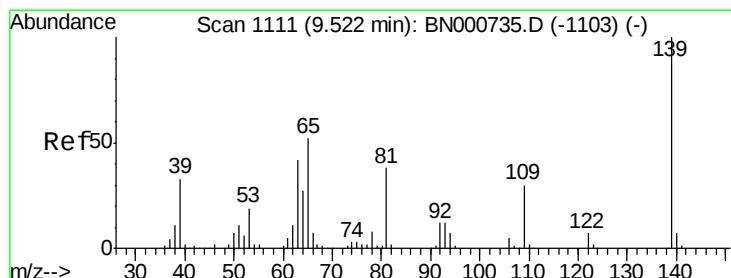
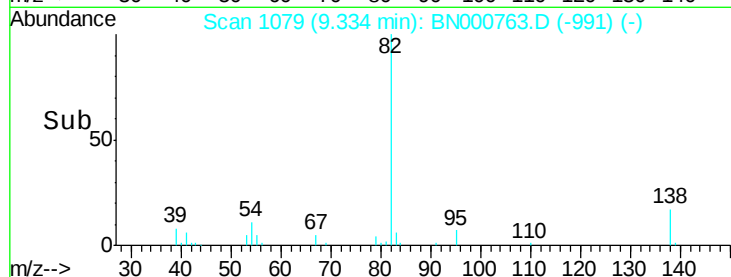
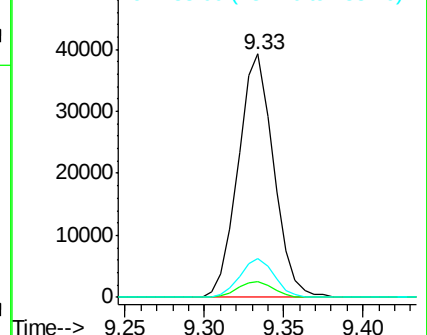
82 100

95 6.5 6.2 9.2

138 16.2 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: 3.648 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

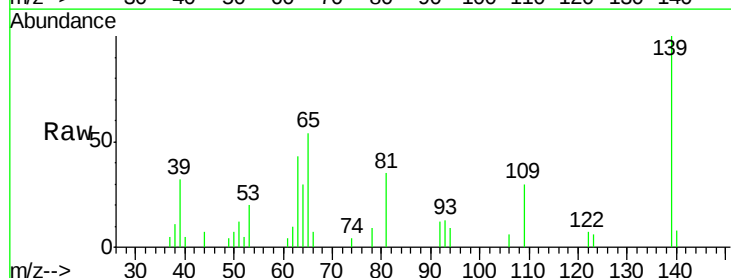
Tgt Ion: 139 Resp: 13420

Ion Ratio Lower Upper

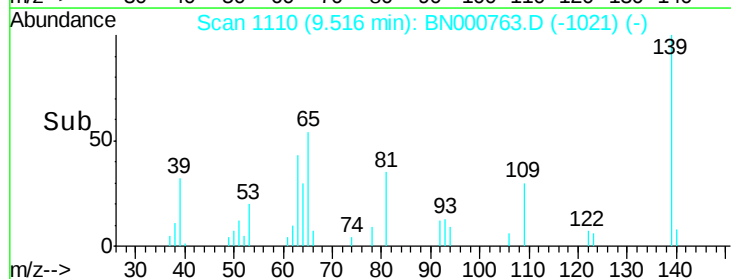
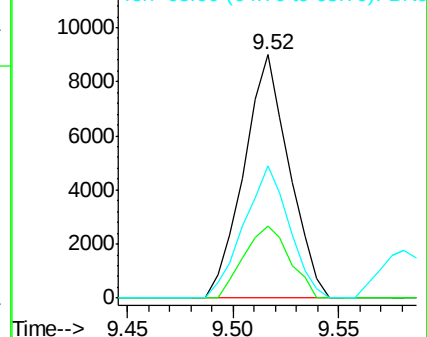
139 100

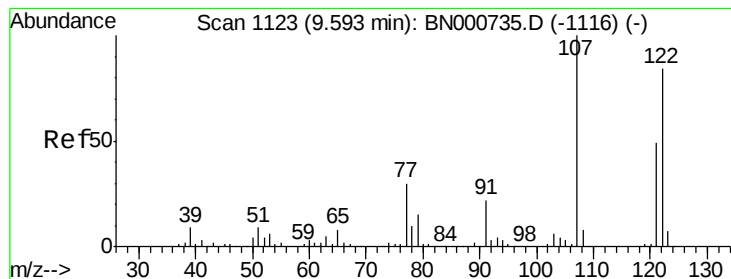
109 29.8 24.2 36.2

65 54.2 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

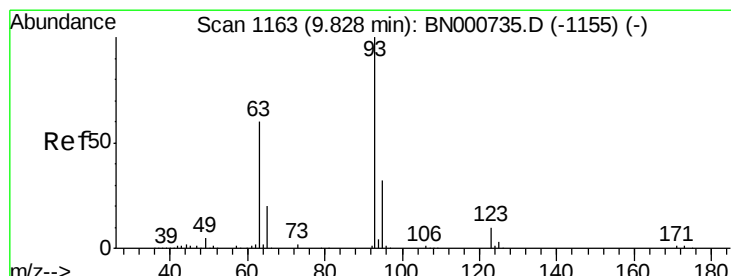
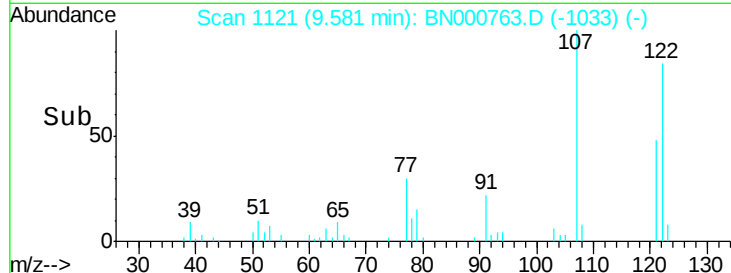
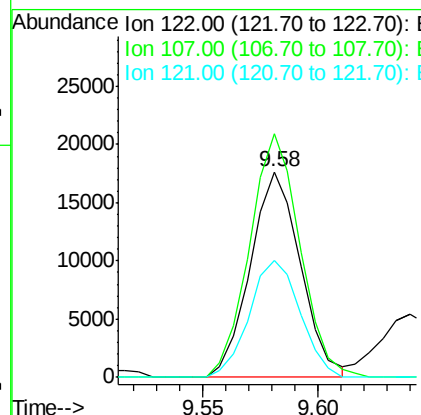
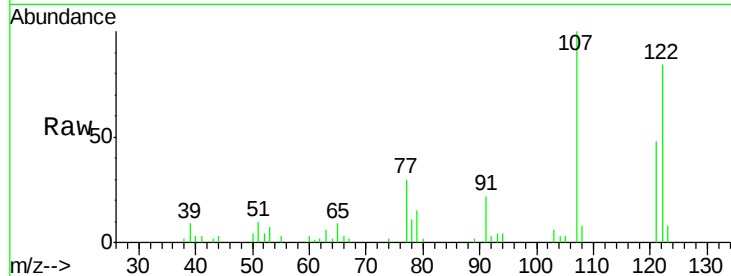




#27
 2,4-Dimethylphenol
 Concen: 4.451 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

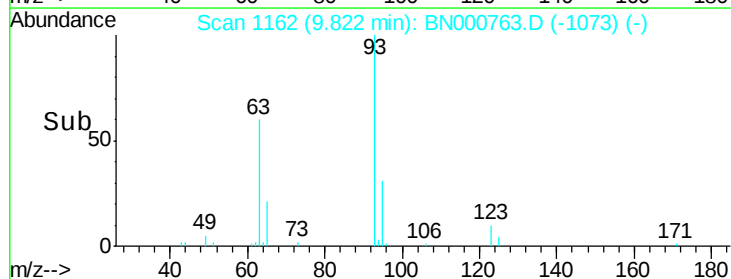
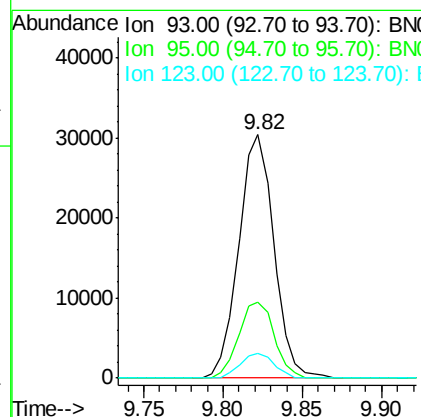
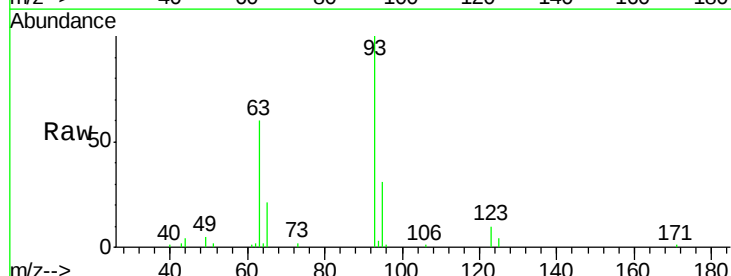
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

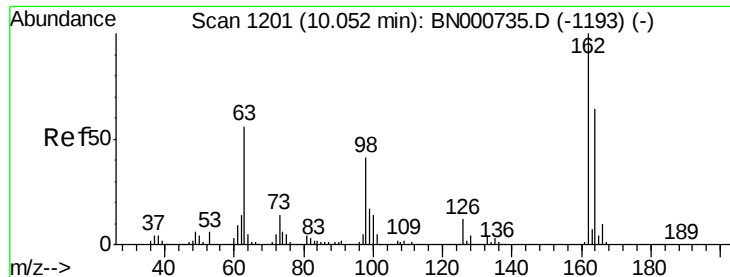
Tot Ion:122 Resp: 26728
 Ion Ratio Lower Upper
 122 100
 107 118.6 100.2 150.2
 121 56.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.728 ng
 RT: 9.82 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

Tgt Ion: 93 Resp: 46765
 Ion Ratio Lower Upper
 93 100
 95 31.3 24.3 36.5
 123 10.1 8.4 12.6

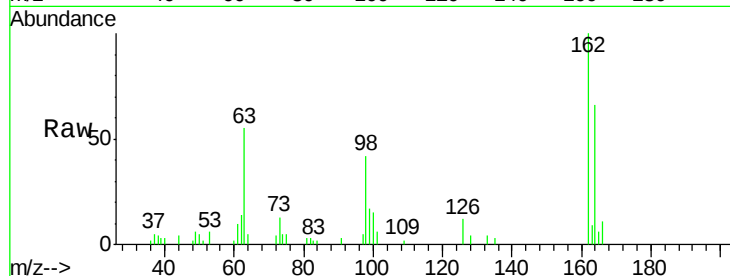




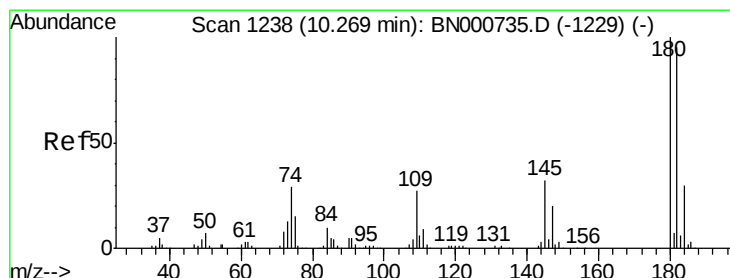
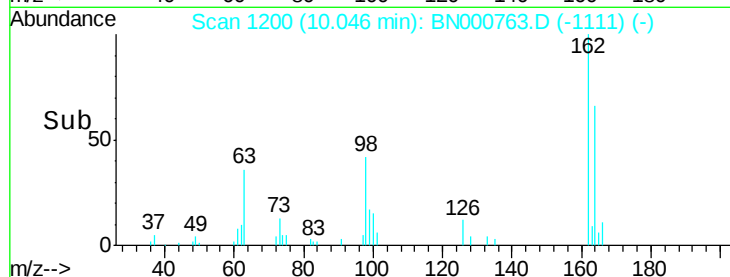
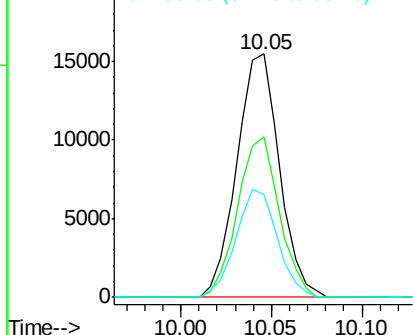
#29
 2,4-Dichlorophenol
 Concen: 4.268 ng
 RT: 10.05 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

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

Tot Ion:162 Resp: 25239
 Ion Ratio Lower Upper
 162 100
 164 66.1 48.0 88.0
 98 42.0 21.1 61.1

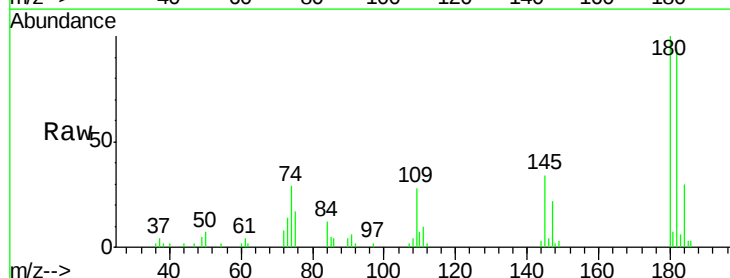


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

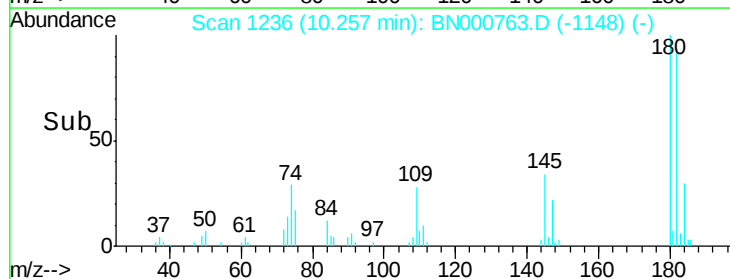
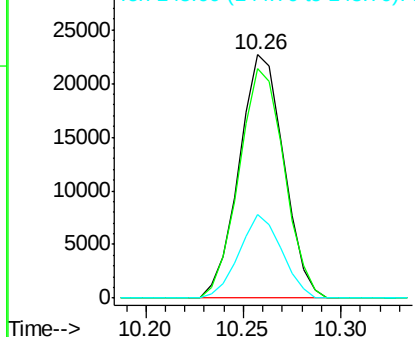


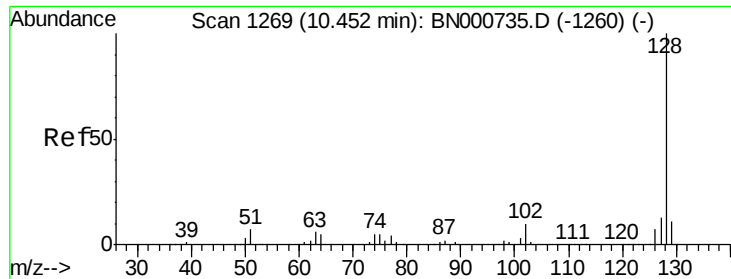
#30
 1,2,4-Trichlorobenzene
 Concen: 5.046 ng
 RT: 10.26 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

Tgt Ion:180 Resp: 35965
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.5 116.3
 145 34.1 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

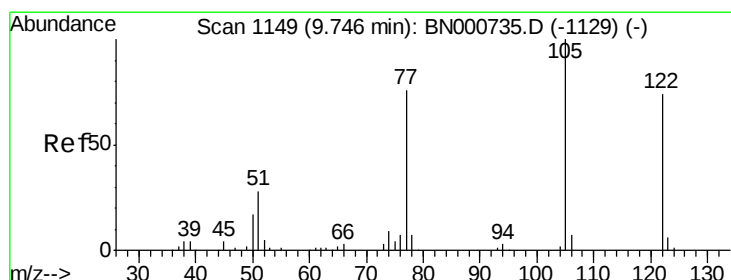
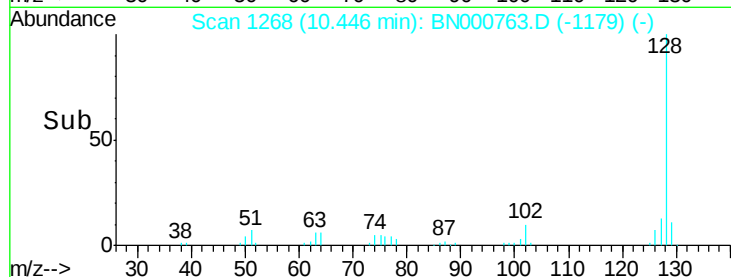
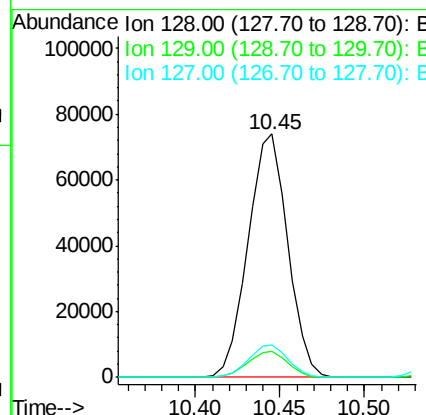
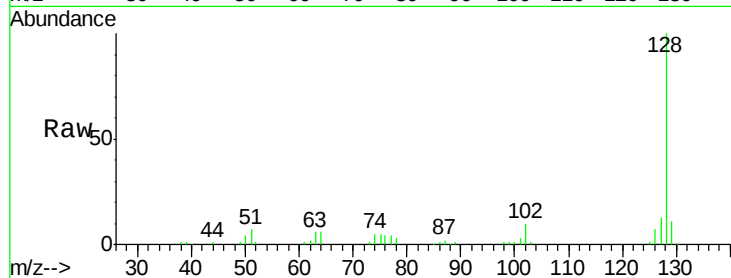




#31
Naphthalene
Concen: 5.161 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

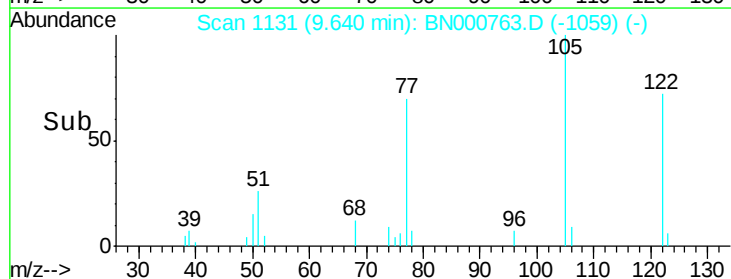
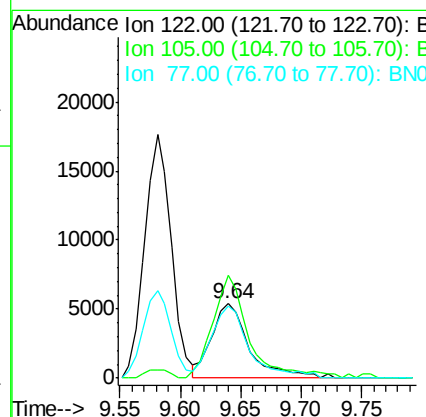
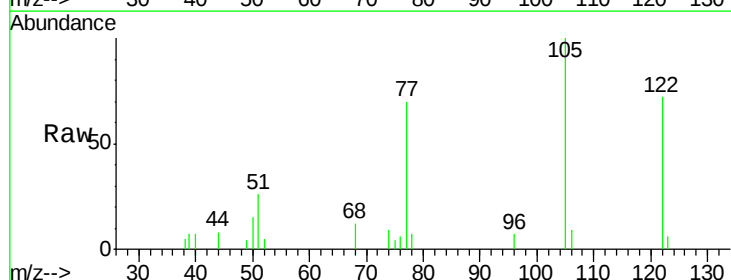
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

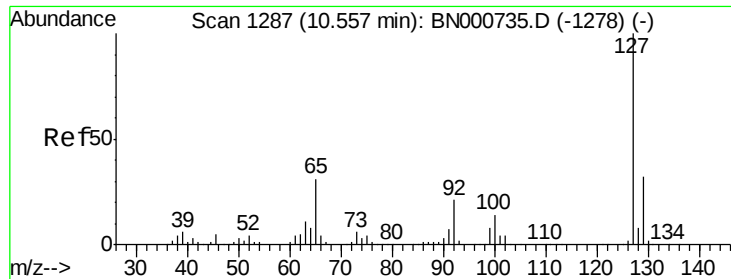
Tot Ion:128 Resp: 121124
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.2 11.6 17.4



#32
Benzoic acid
Concen: 6.474 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.11 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion:122 Resp: 11666
Ion Ratio Lower Upper
122 100
105 139.3 123.5 163.5
77 97.0 85.7 125.7

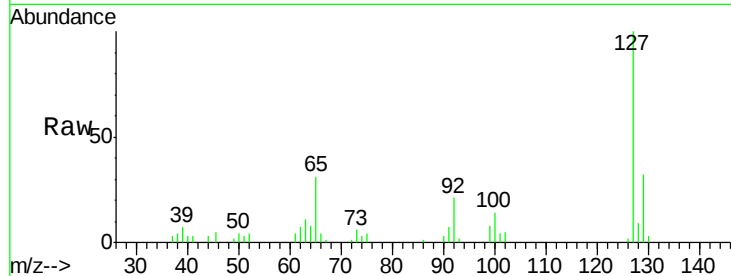




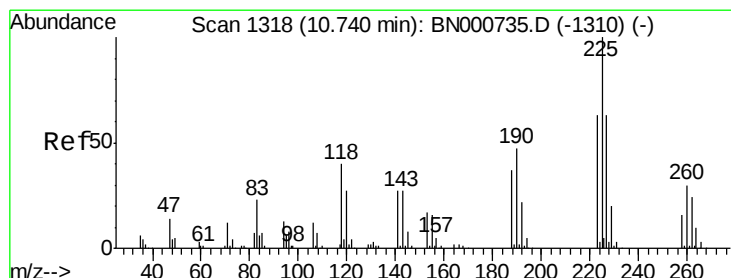
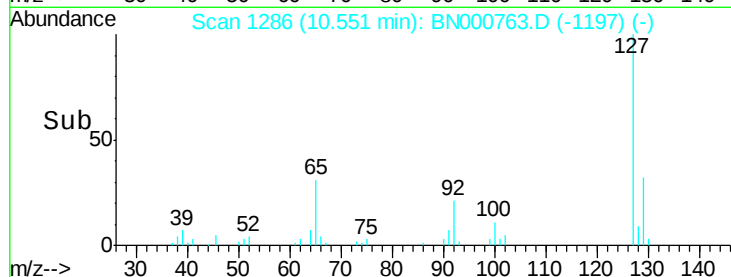
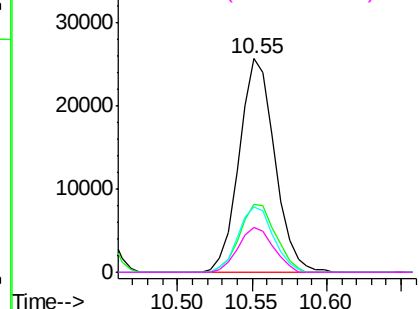
#33
4-Chloroaniline
Concen: 4.437 ng
RT: 10.55 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

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

Tot Ion:127 Resp: 42524
Ion Ratio Lower Upper
127 100
129 31.7 24.0 36.0
65 30.7 27.0 40.4
92 21.2 16.6 25.0

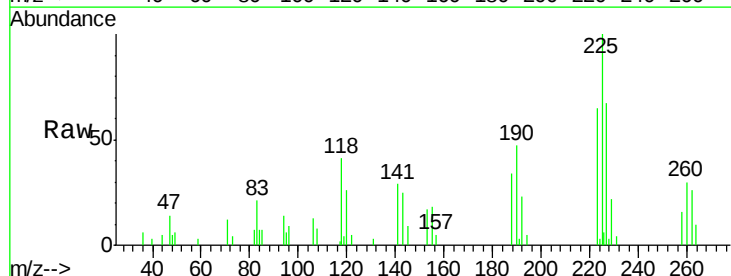


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

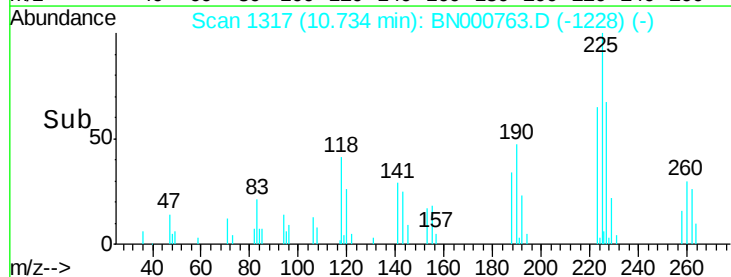
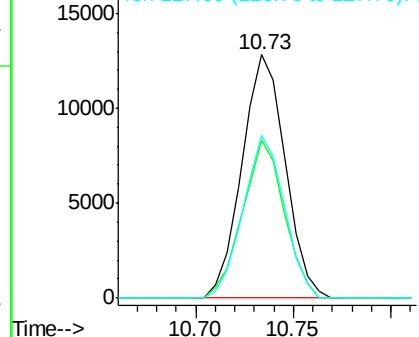


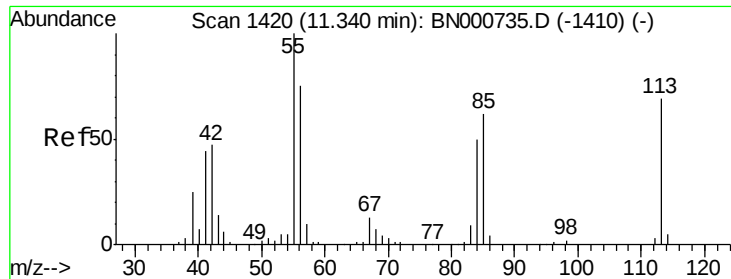
#34
Hexachlorobutadiene
Concen: 5.071 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion:225 Resp: 19632
Ion Ratio Lower Upper
225 100
223 64.7 49.7 74.5
227 67.0 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: 2.619 ng

RT: 11.29 min Scan# 1412

Delta R.T. -0.05 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

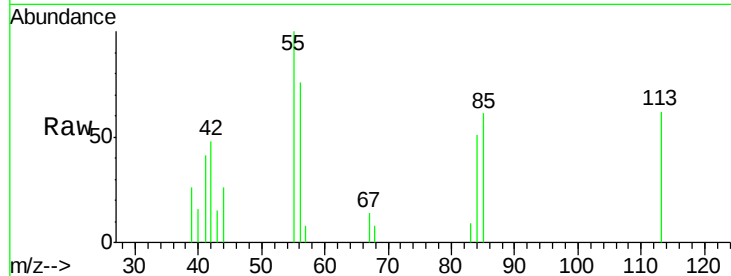
Tot Ion:113 Resp: 5358

Ion Ratio Lower Upper

113 100

55 160.6 120.0 160.0#

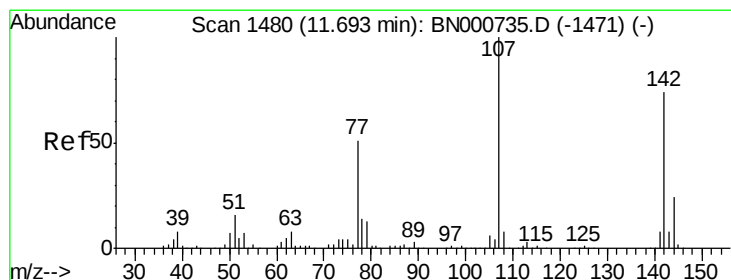
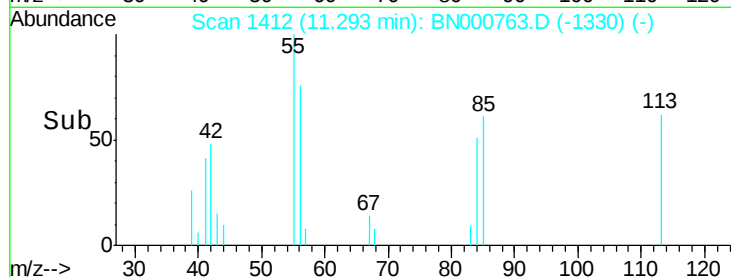
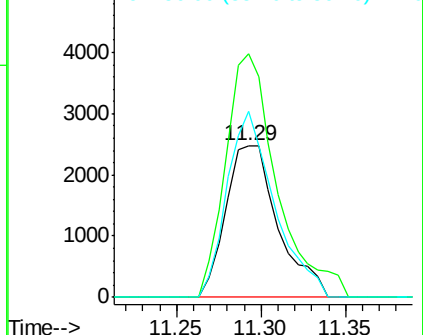
56 122.6 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 3.995 ng

RT: 11.68 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

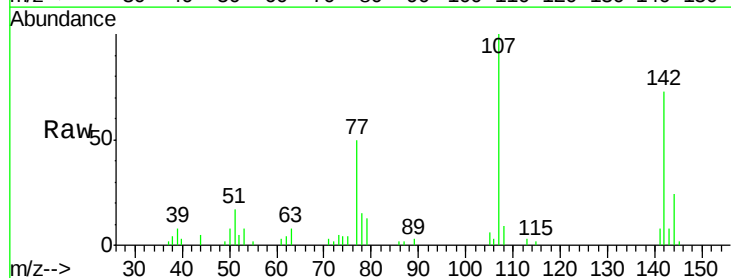
Tgt Ion:107 Resp: 27894

Ion Ratio Lower Upper

107 100

144 24.3 18.2 27.4

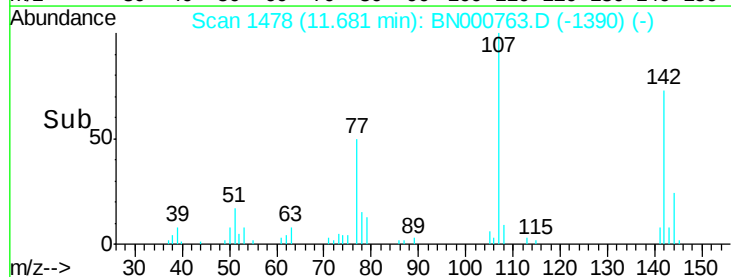
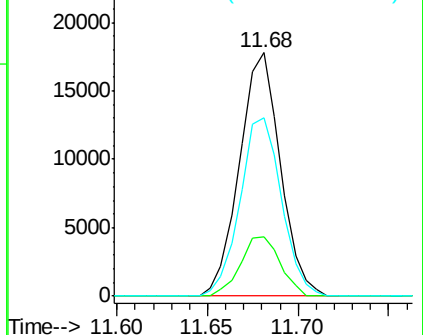
142 73.4 59.0 88.4

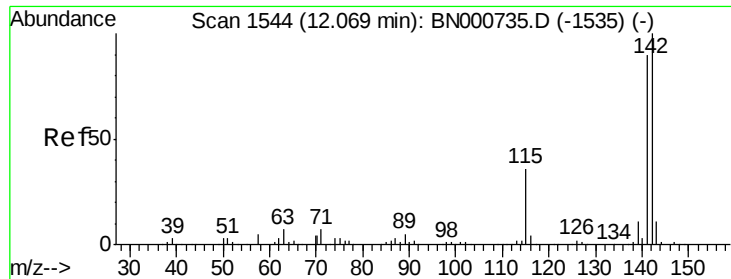


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

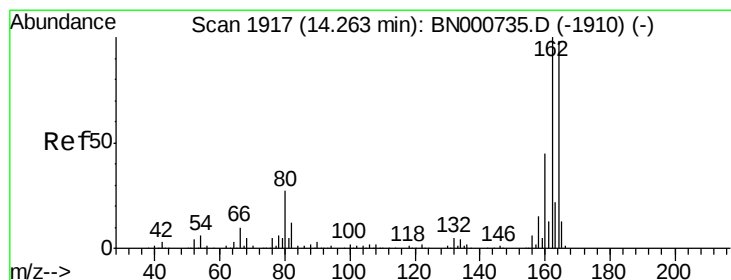
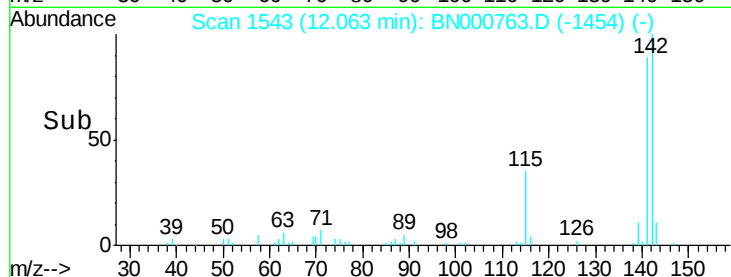
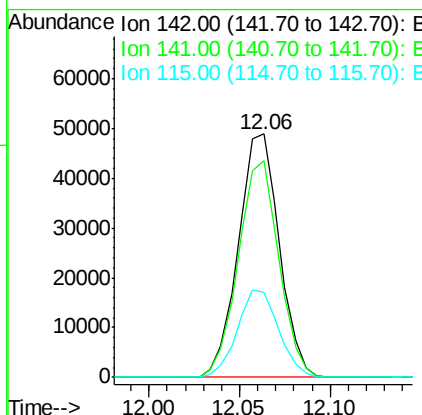
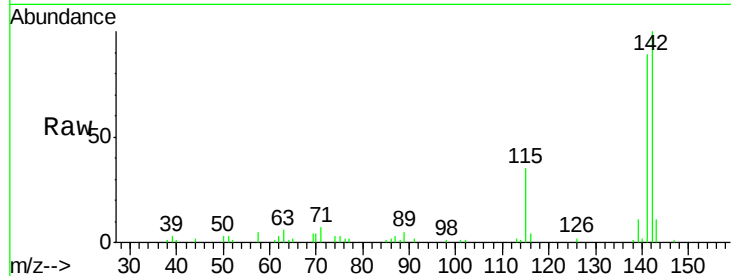




#37
 2-Methylnaphthalene
 Concen: 4.993 ng
 RT: 12.06 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

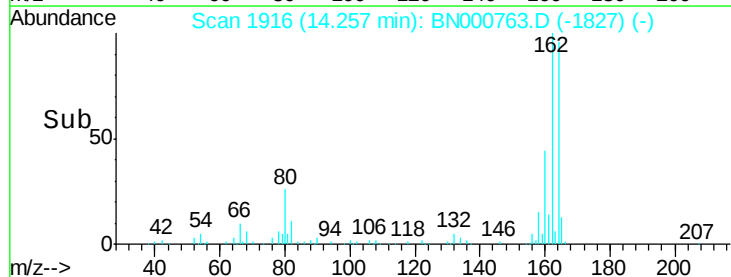
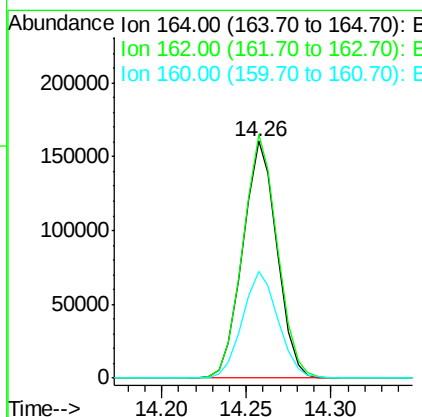
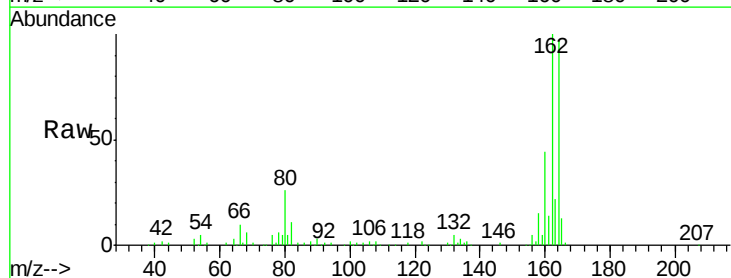
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

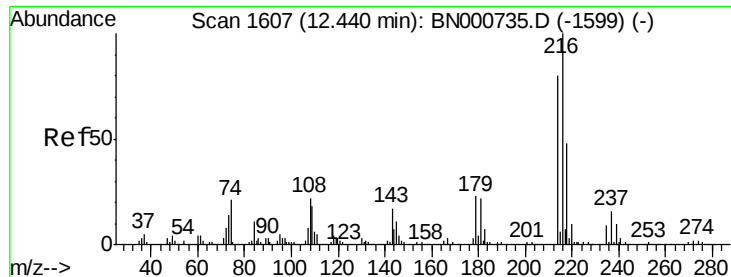
Tot Ion:142 Resp: 76765
 Ion Ratio Lower Upper
 142 100
 141 88.8 67.1 100.7
 115 34.7 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

Tgt Ion:164 Resp: 226734
 Ion Ratio Lower Upper
 164 100
 162 102.7 78.8 118.2
 160 45.3 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.998 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:216 Resp: 35145

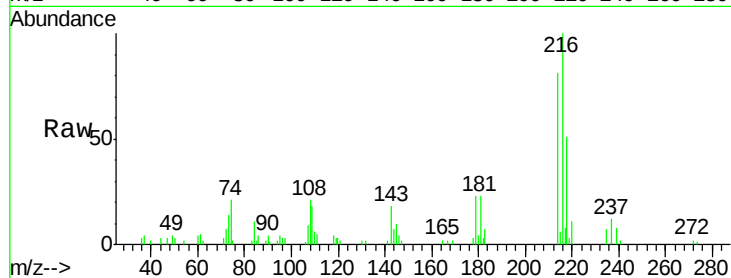
Ion	Ratio	Lower	Upper
216	100		
214	80.8	63.0	94.4
179	23.5	17.0	25.6
108	23.0	12.8	19.2

216 100

214 80.8 63.0 94.4

179 23.5 17.0 25.6

108 23.0 12.8 19.2

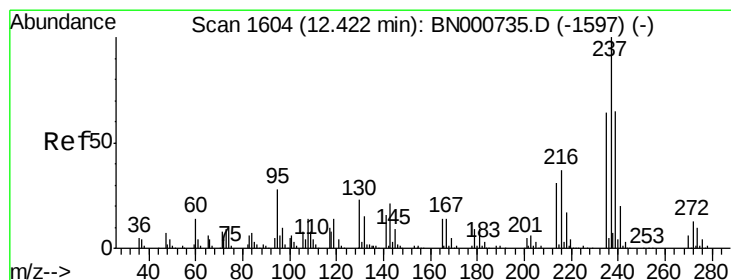
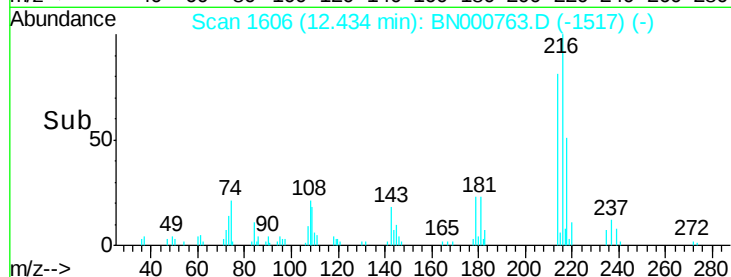
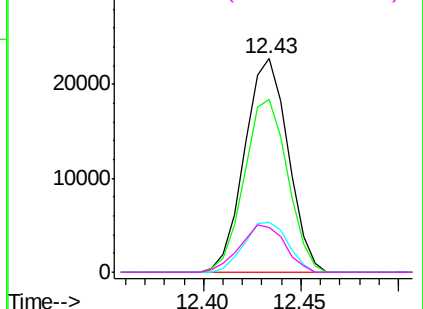


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 4.228 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

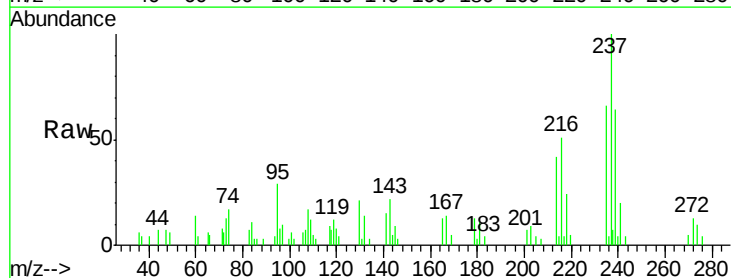
Tgt Ion:237 Resp: 17436

Ion	Ratio	Lower	Upper
237	100		
235	66.1	50.4	90.4
272	13.3	0.0	31.8

237 100

235 66.1 50.4 90.4

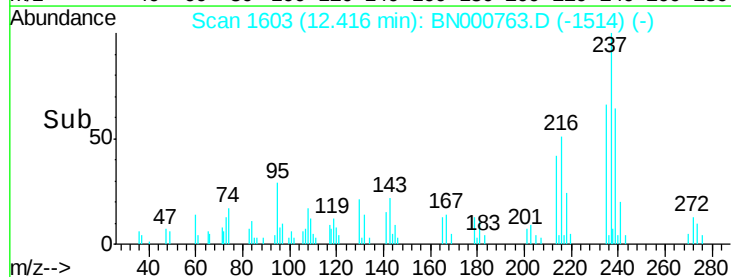
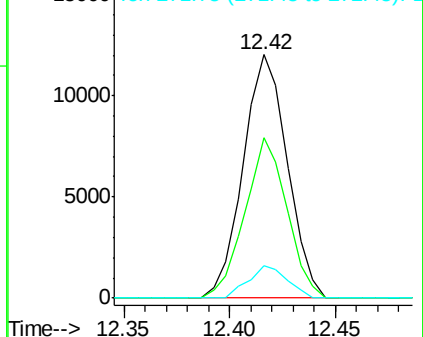
272 13.3 0.0 31.8

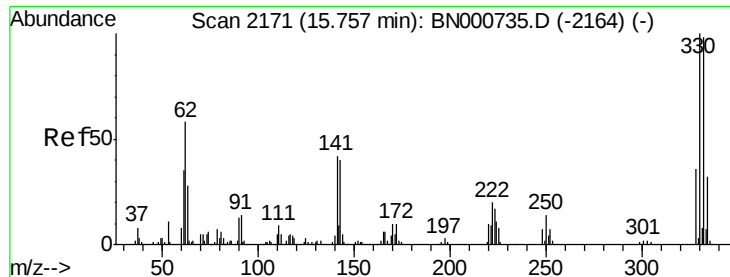


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 147.438 ng

RT: 15.75 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

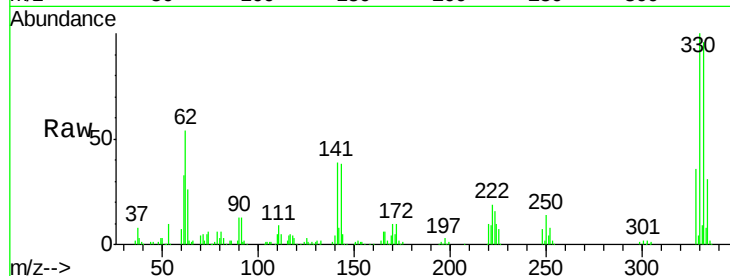
Tot Ion:330 Resp: 336534

Ion Ratio Lower Upper

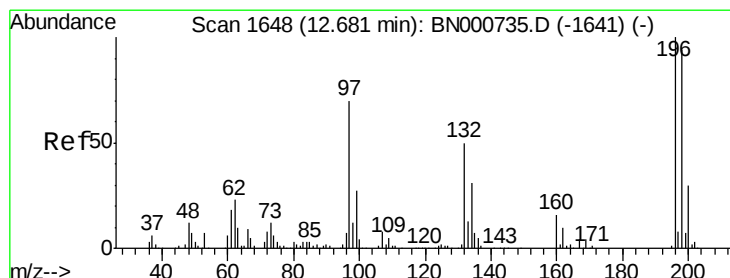
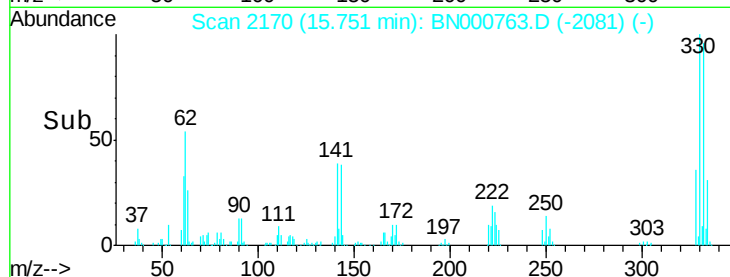
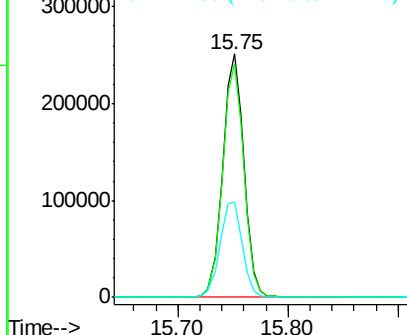
330 100

332 96.4 77.0 115.6

141 41.2 25.2 37.8#



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



#42

2,4,6-Trichlorophenol

Concen: 3.795 ng

RT: 12.68 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

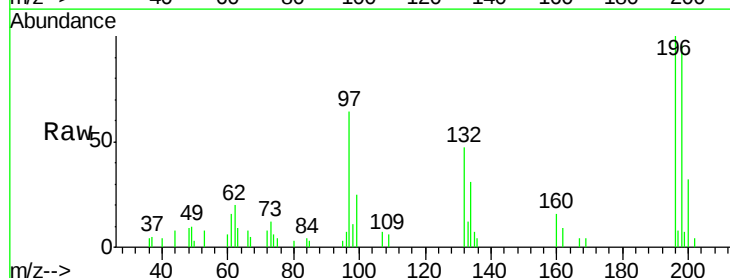
Tgt Ion:196 Resp: 16184

Ion Ratio Lower Upper

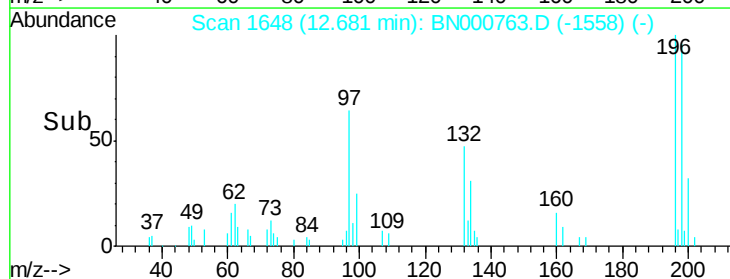
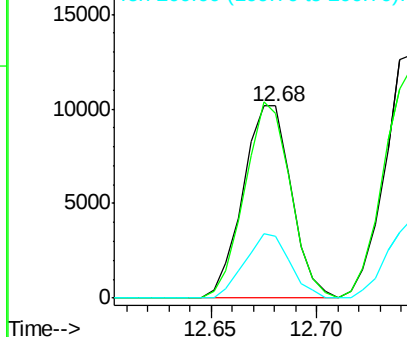
196 100

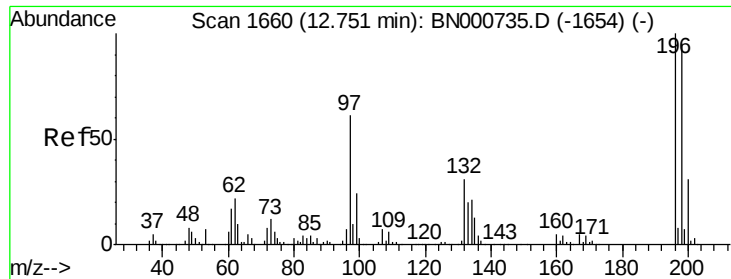
198 96.2 78.2 117.2

200 31.9 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

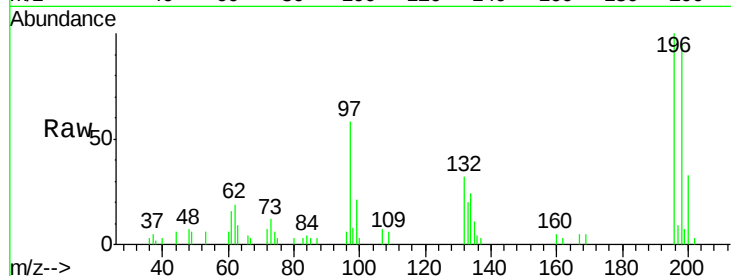




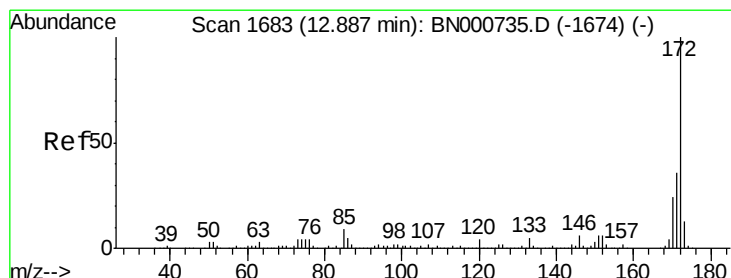
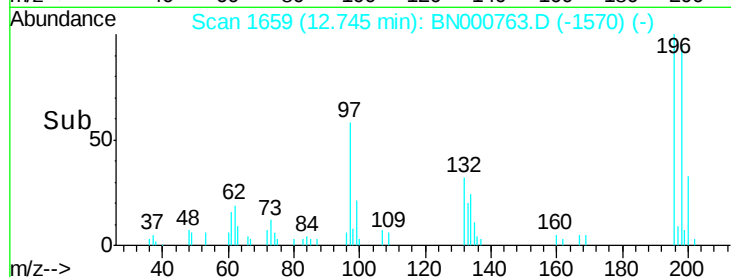
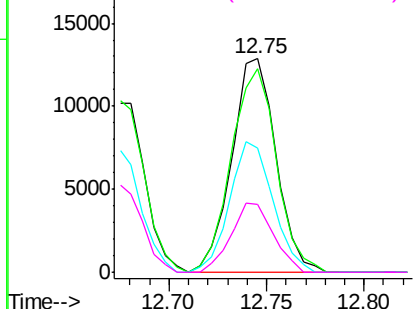
#43
 2,4,5-Trichlorophenol
 Concen: 4.098 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

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

Tot Ion:196 Resp: 20184
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.2 114.4
 97 58.2 38.7 58.1#
 132 31.8 20.2 30.2#

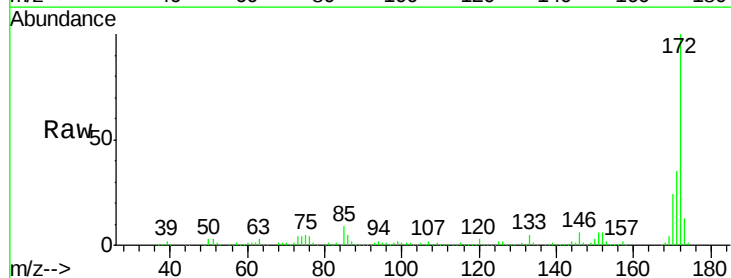


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

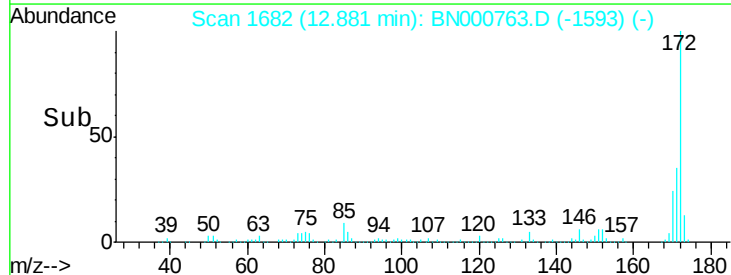
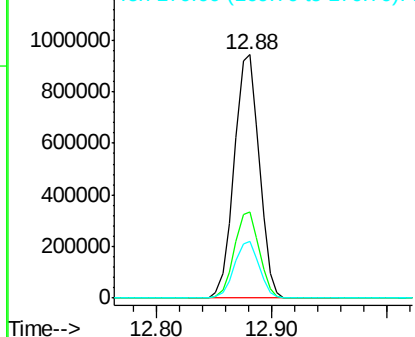


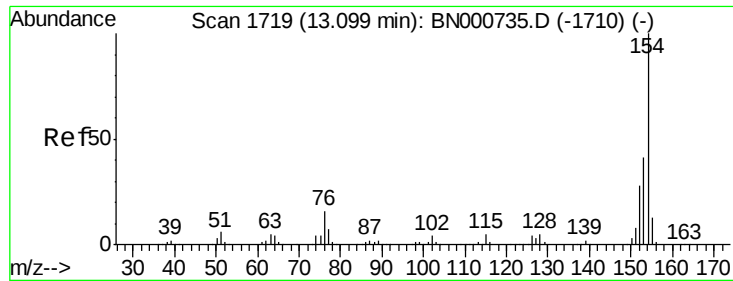
#44
 2-Fluorobiphenyl
 Concen: 86.147 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

Tgt Ion:172 Resp: 1414917
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.0 45.0
 170 23.5 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: 5.230 ng

RT: 13.09 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

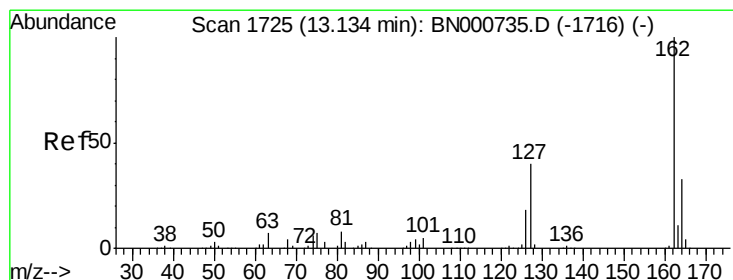
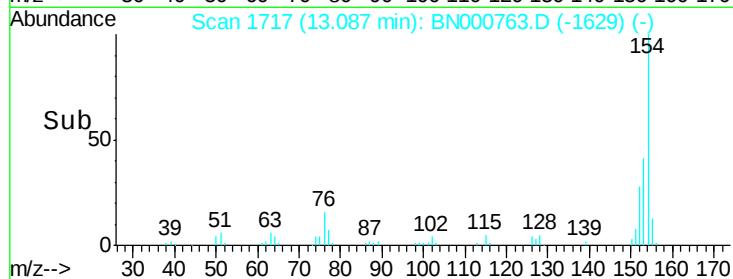
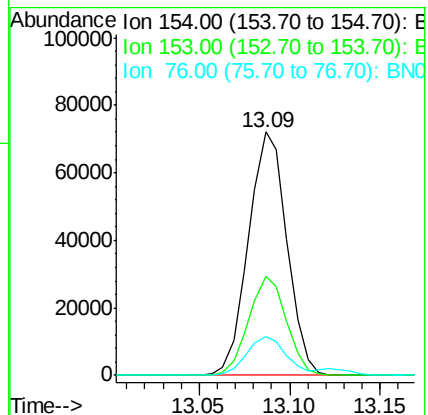
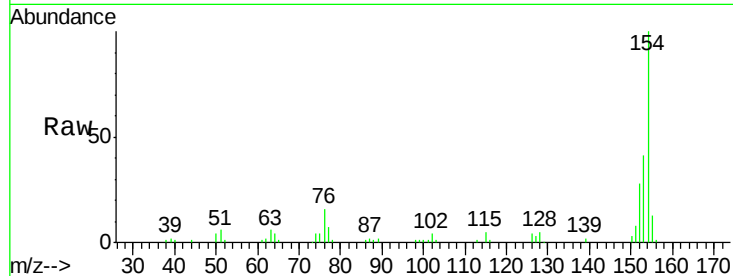
Tot Ion:154 Resp: 106145

Ion Ratio Lower Upper

154 100

153 40.6 19.8 59.8

76 16.0 0.0 31.9



#46

2-Chloronaphthalene

Concen: 5.050 ng

RT: 13.12 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

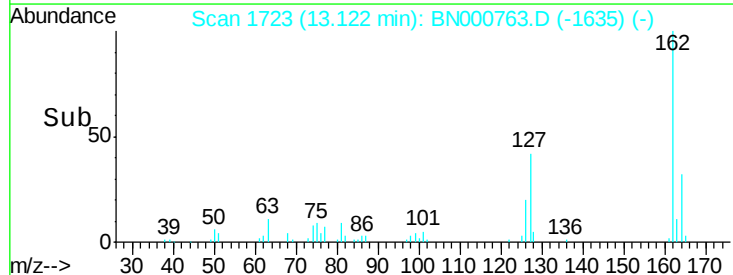
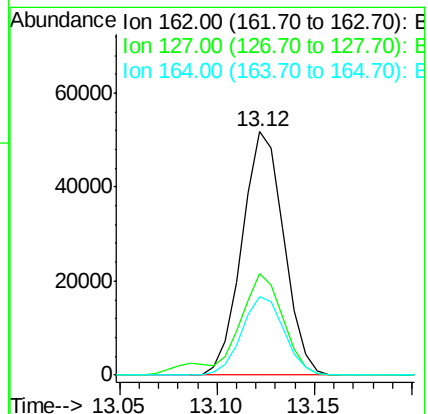
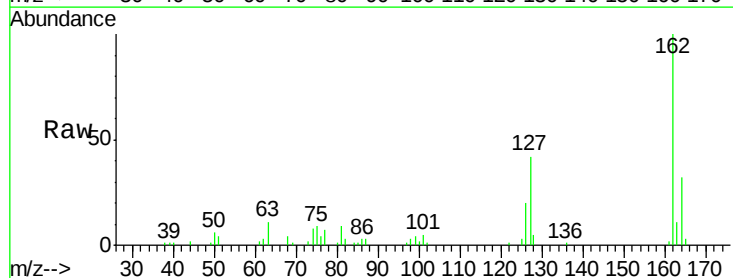
Tgt Ion:162 Resp: 76846

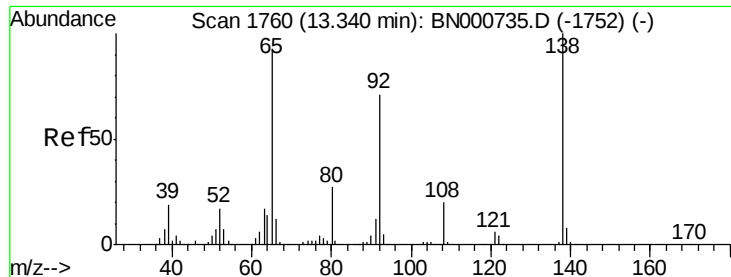
Ion Ratio Lower Upper

162 100

127 41.6 30.7 46.1

164 32.4 26.0 39.0

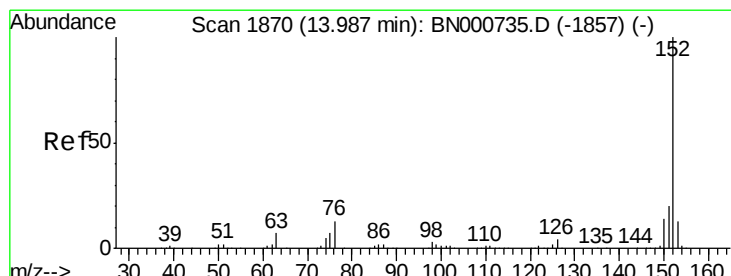
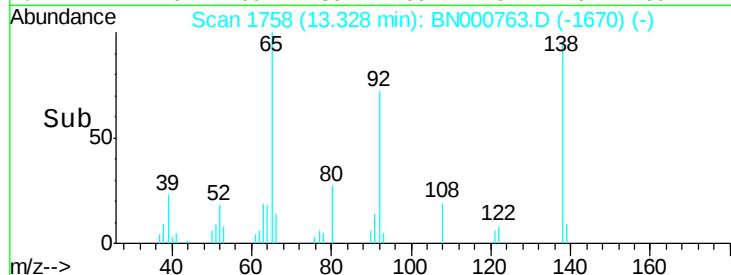
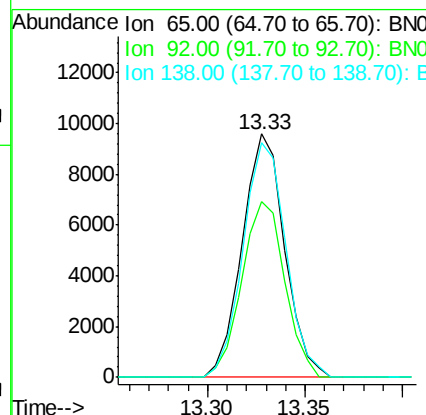
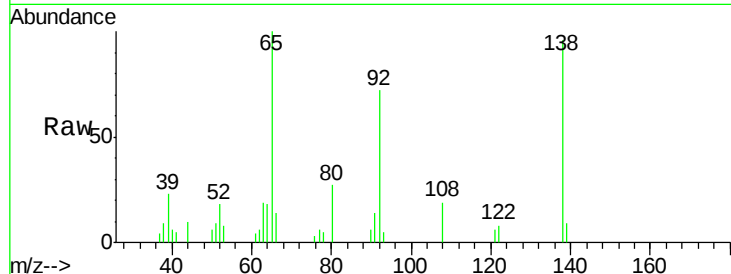




#47
2-Nitroaniline
Concen: 3.268 ng
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

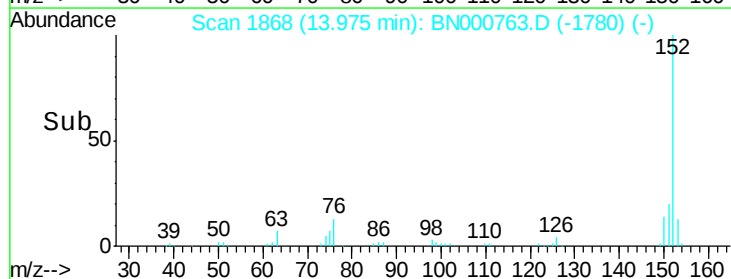
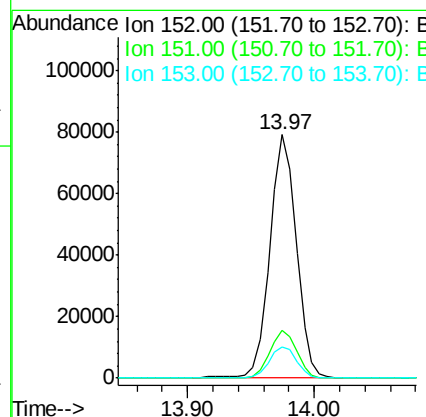
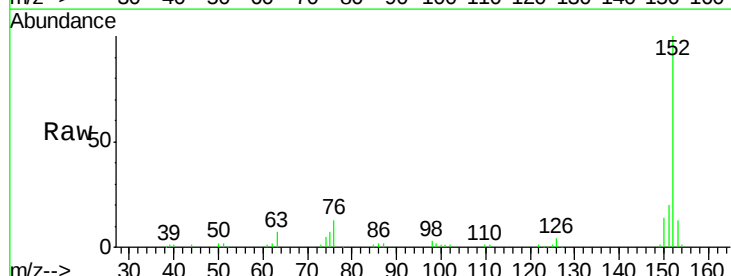
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

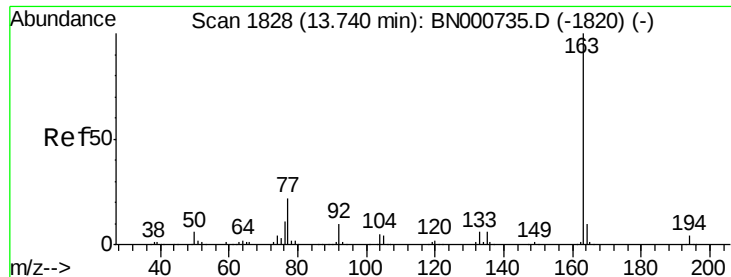
Tot Ion: 65 Resp: 14424
Ion Ratio Lower Upper
65 100
92 72.3 54.6 82.0
138 96.2 72.9 109.3



#48
Acenaphthylene
Concen: 4.763 ng
RT: 13.97 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion: 152 Resp: 114880
Ion Ratio Lower Upper
152 100
151 19.9 17.2 25.8
153 12.9 10.2 15.4





#49

Dimethylphthalate

Concen: 4.764 ng

RT: 13.72 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

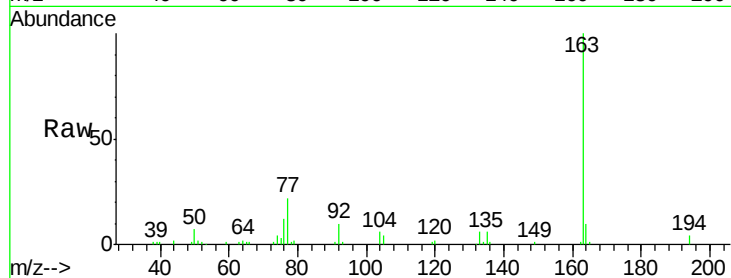
Tot Ion:163 Resp: 86318

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.2

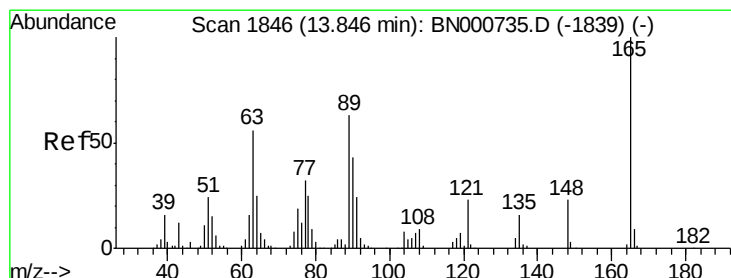
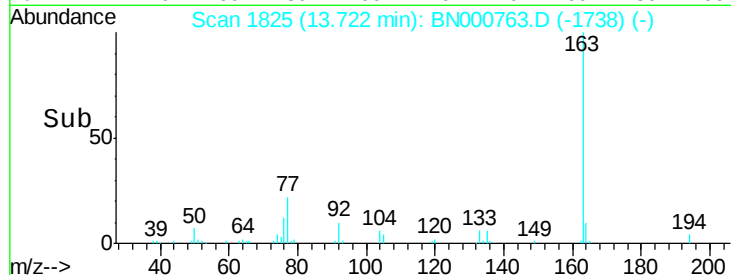
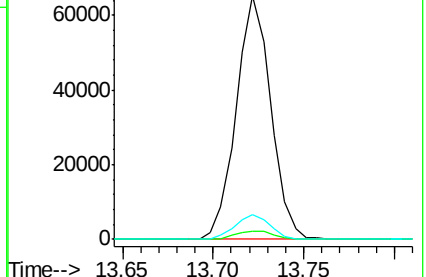
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 3.862 ng

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

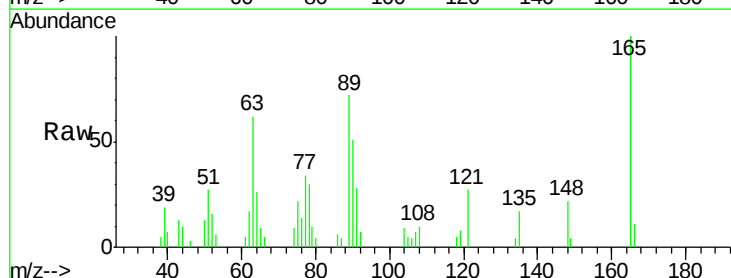
Tgt Ion:165 Resp: 14821

Ion Ratio Lower Upper

165 100

63 62.0 52.7 79.1

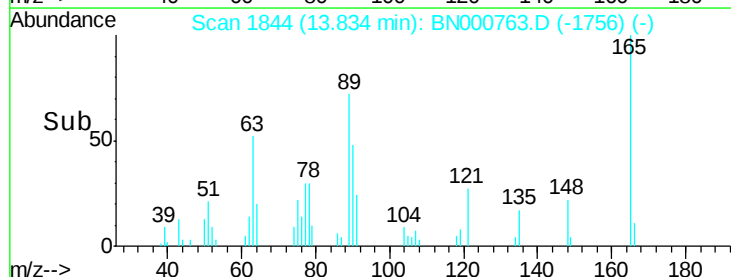
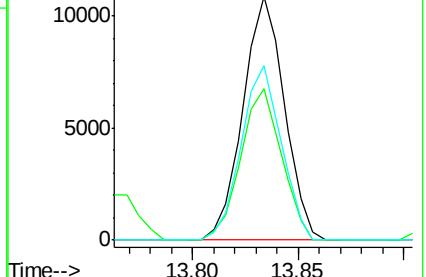
89 71.8 49.2 73.8

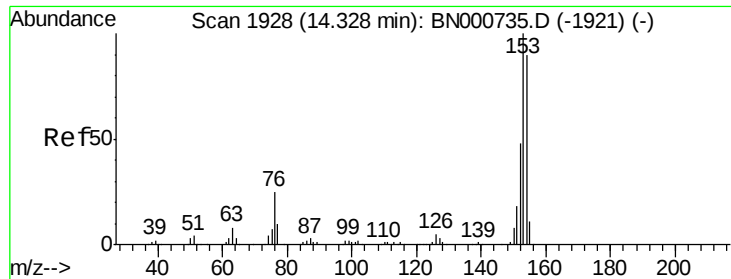


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 5.087 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

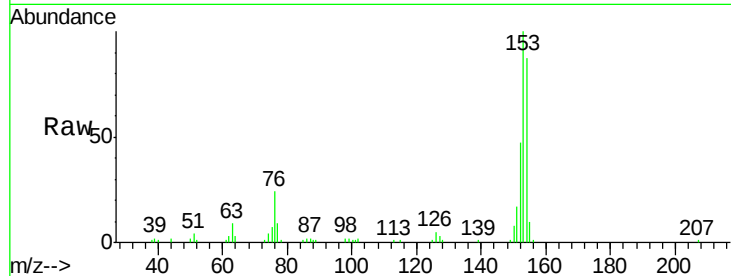
Tot Ion:154 Resp: 74794

Ion Ratio Lower Upper

154 100

153 115.3 90.4 135.6

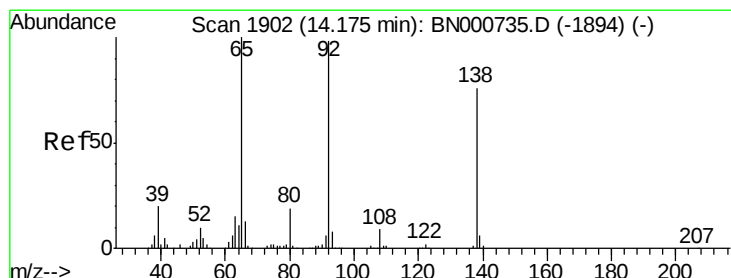
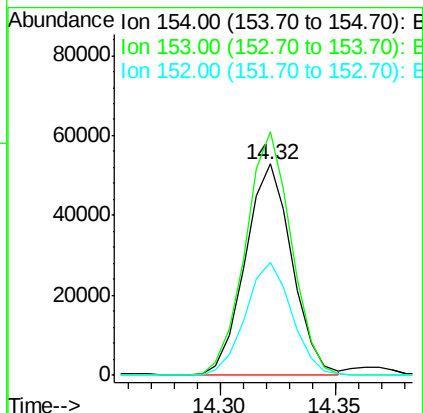
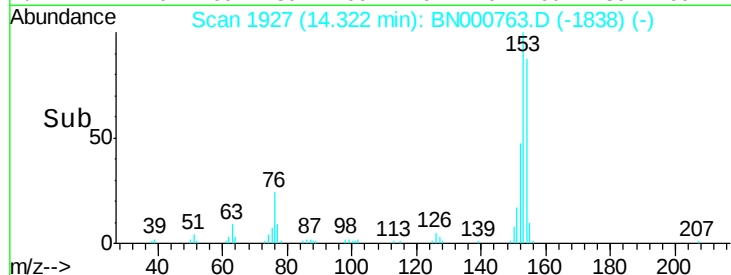
152 53.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.549 ng

RT: 14.16 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

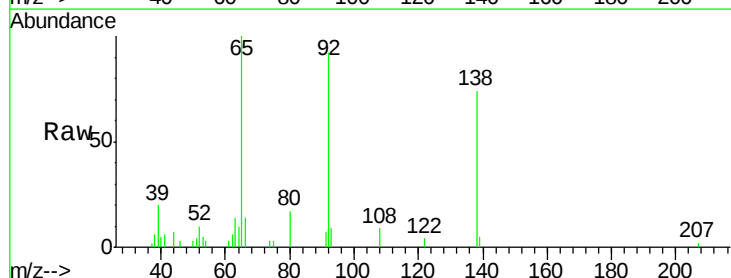
Tgt Ion:138 Resp: 15500

Ion Ratio Lower Upper

138 100

108 11.9 17.5 26.3#

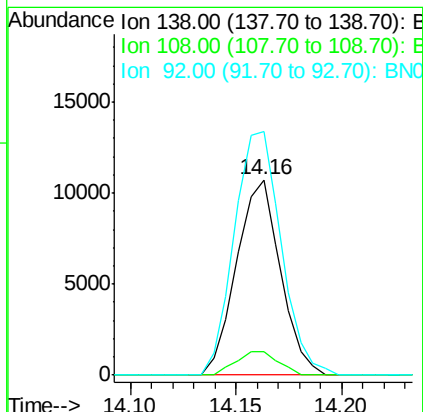
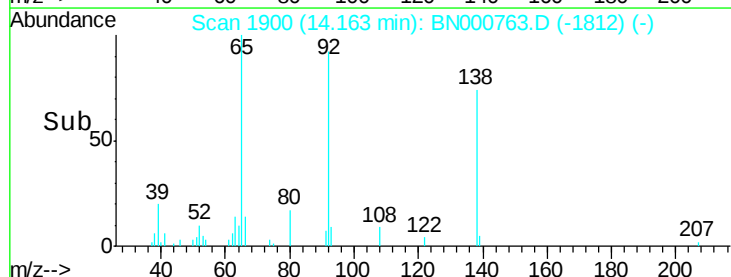
92 124.6 105.8 158.8

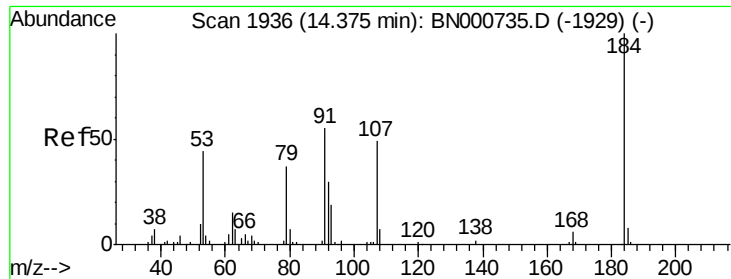


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

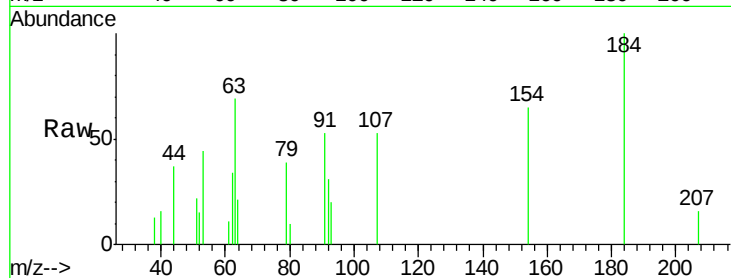




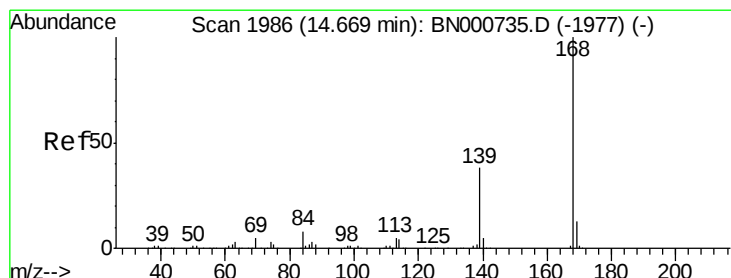
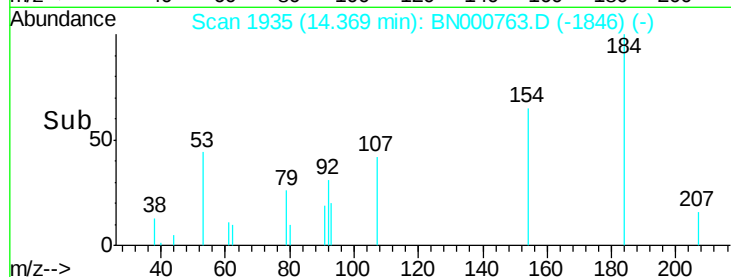
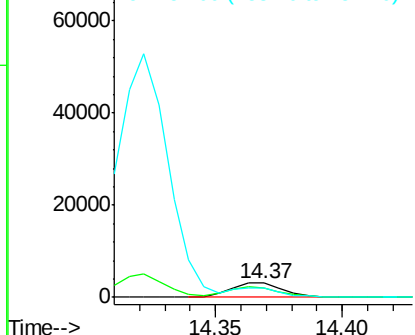
#53
 2,4-Dinitrophenol
 Concen: 7.728 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

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

Tot Ion:184 Resp: 4371
 Ion Ratio Lower Upper
 184 100
 63 69.5 56.0 84.0
 154 64.5 48.0 72.0

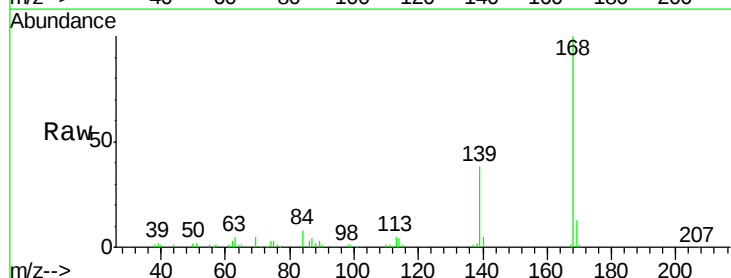


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

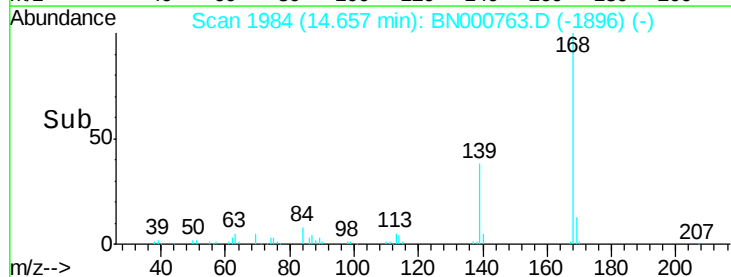
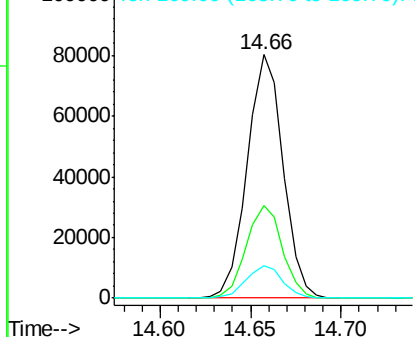


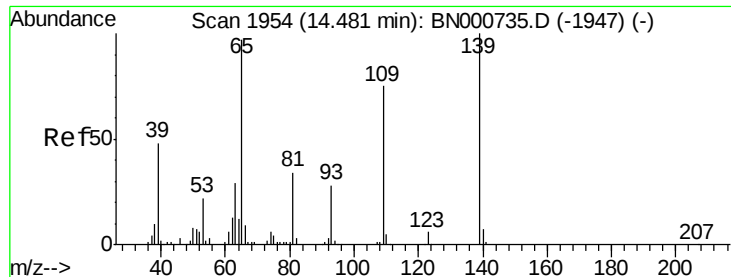
#54
 Dibenzofuran
 Concen: 5.141 ng
 RT: 14.66 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

Tgt Ion:168 Resp: 110021
 Ion Ratio Lower Upper
 168 100
 139 37.9 28.6 43.0
 169 13.2 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

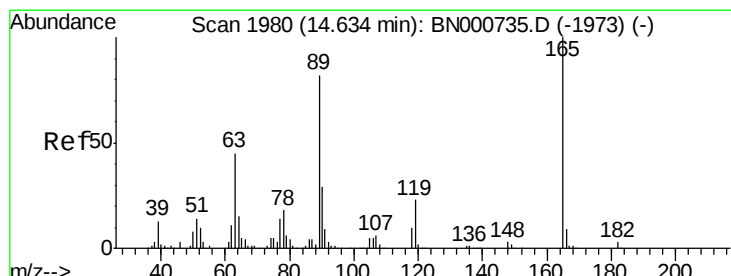
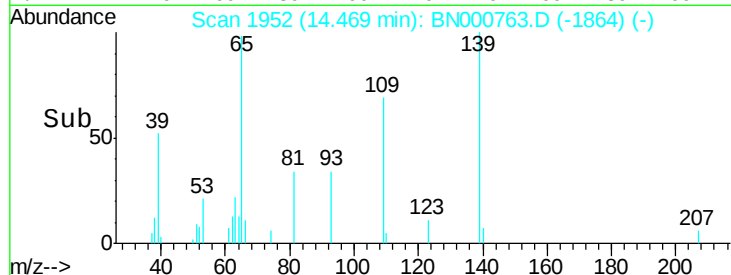
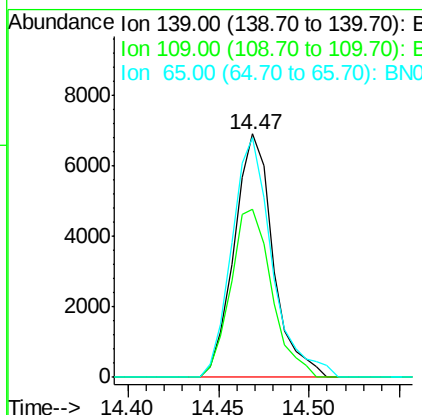
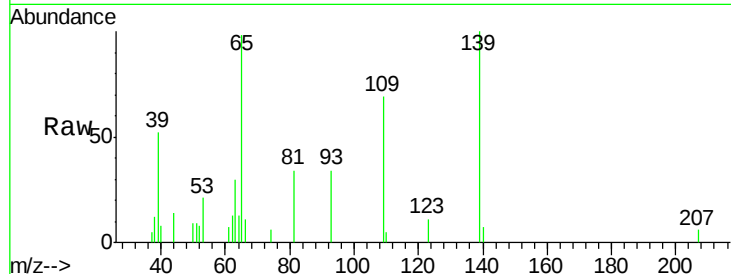




#55
4-Nitrophenol
Concen: 3.184 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

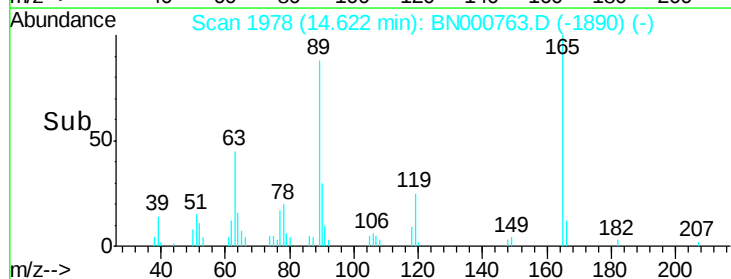
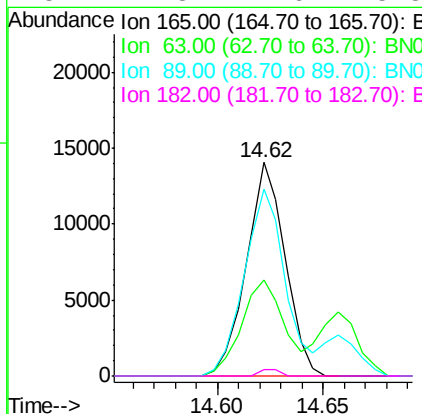
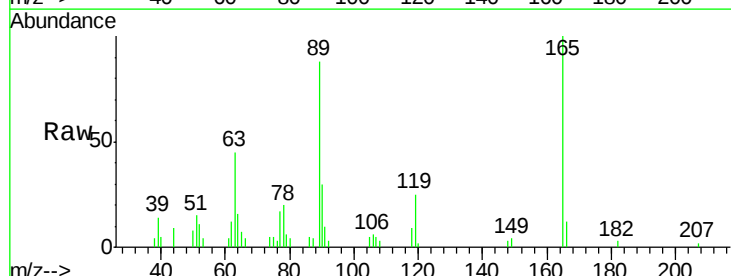
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

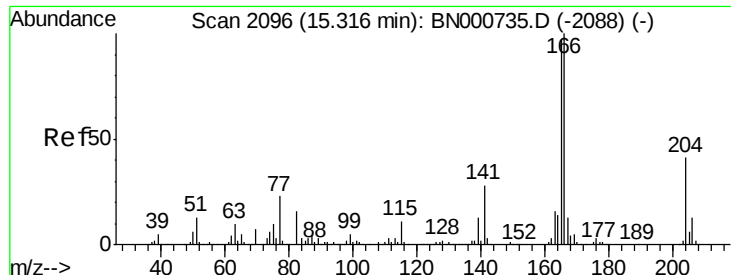
Tot Ion:139 Resp: 10326
Ion Ratio Lower Upper
139 100
109 69.3 62.2 102.2
65 98.4 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 3.558 ng
RT: 14.62 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion:165 Resp: 17876
Ion Ratio Lower Upper
165 100
63 45.0 42.0 63.0
89 87.6 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 5.140 ng

RT: 15.31 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

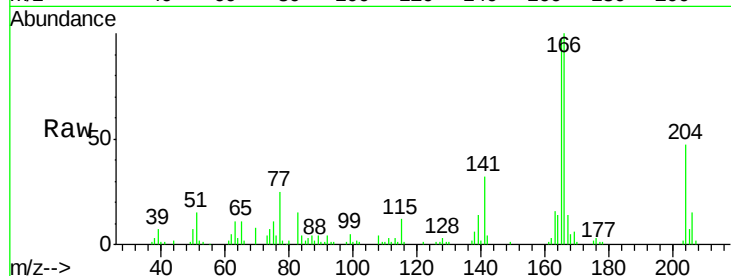
Tot Ion:166 Resp: 86979

Ion Ratio Lower Upper

166 100

165 97.3 80.6 121.0

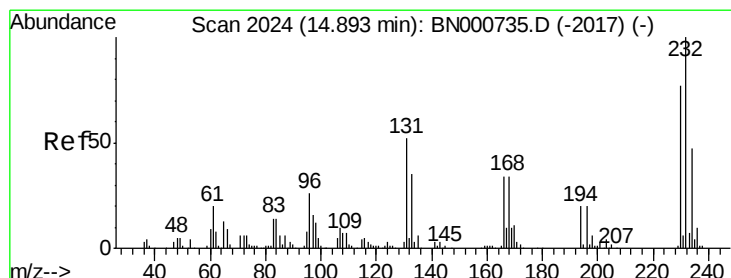
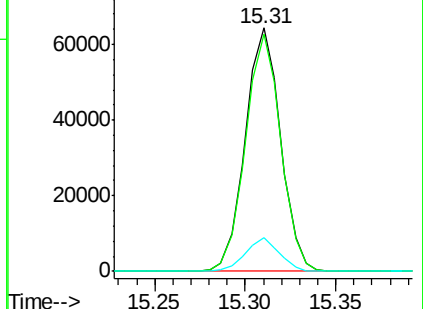
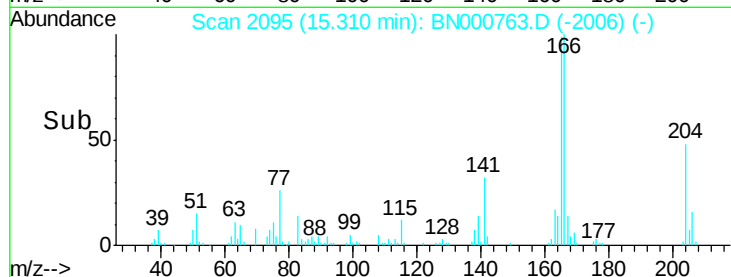
167 13.9 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 4.111 ng

RT: 14.89 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Tgt Ion:232 Resp: 15568

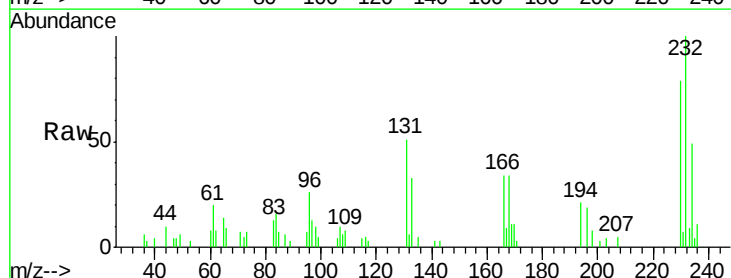
Ion Ratio Lower Upper

232 100

131 53.6 33.5 50.3#

130 0.0 2.2 3.2#

166 35.7 24.8 37.2

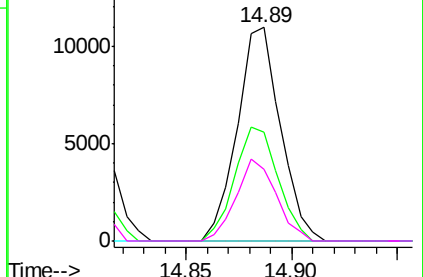
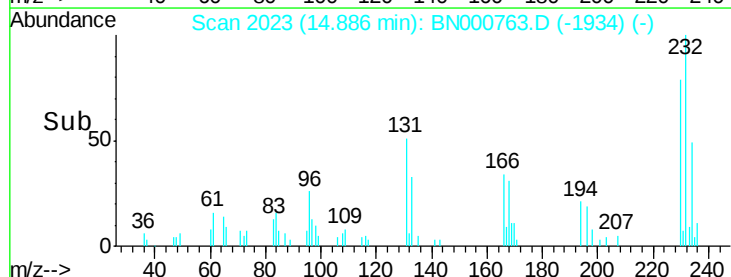


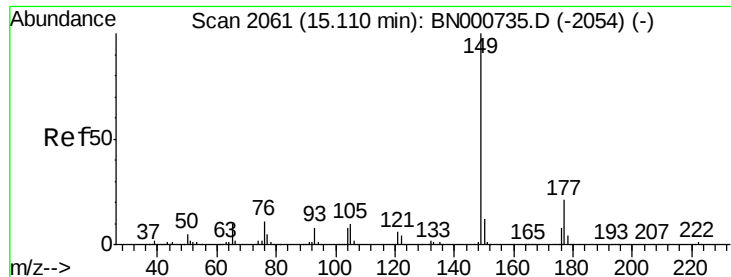
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

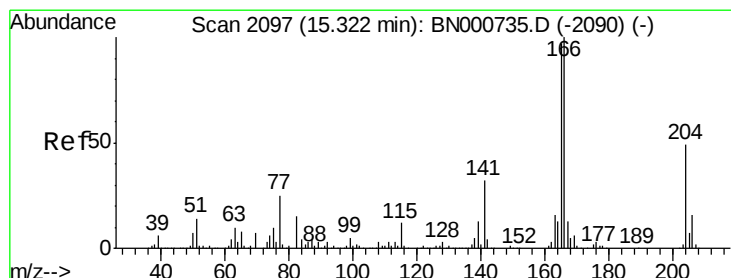
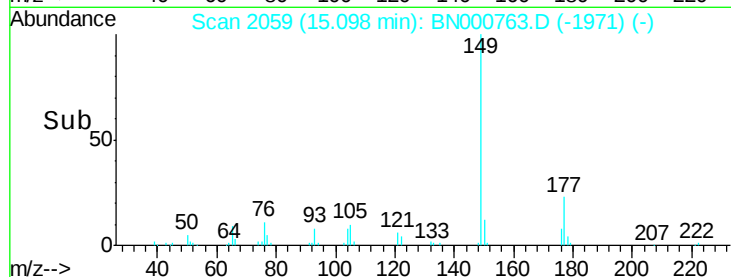
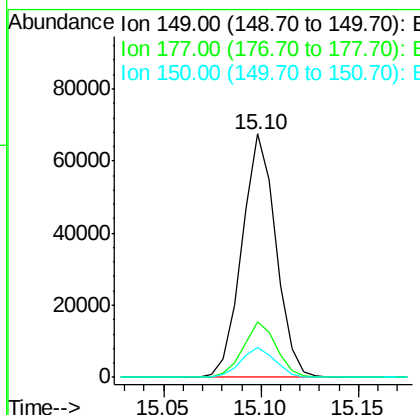
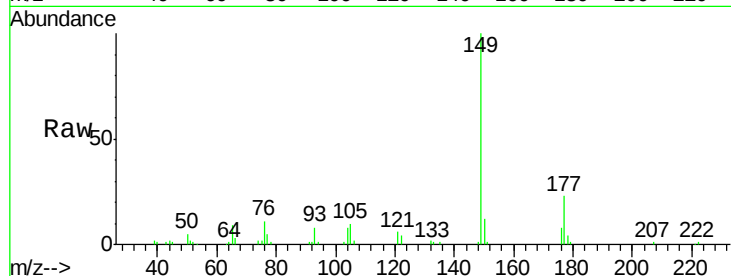




#59
Diethylphthalate
Concen: 4.532 ng
RT: 15.10 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

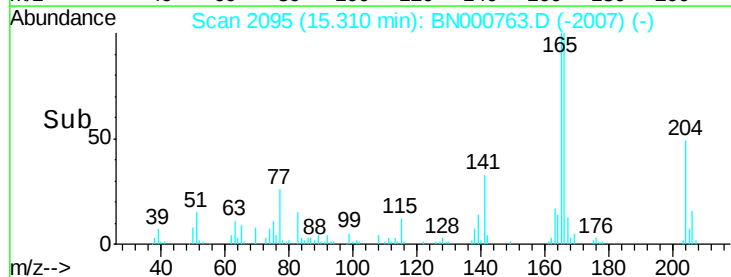
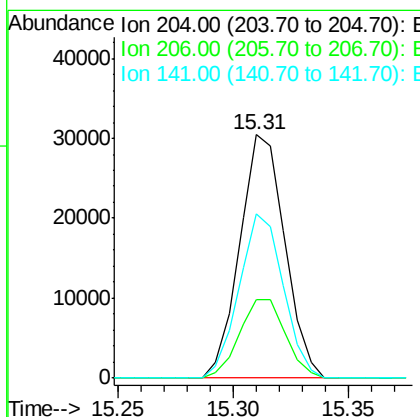
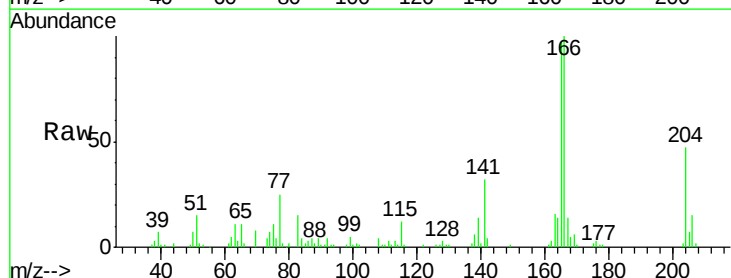
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

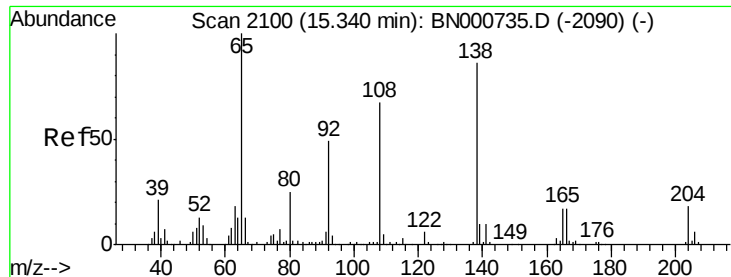
Tot Ion:149 Resp: 81383
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 5.234 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion:204 Resp: 41398
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 67.5 45.8 68.6

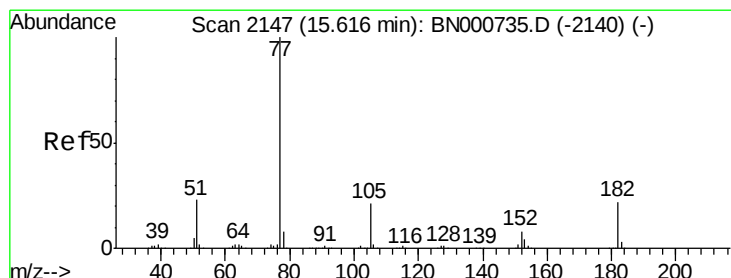
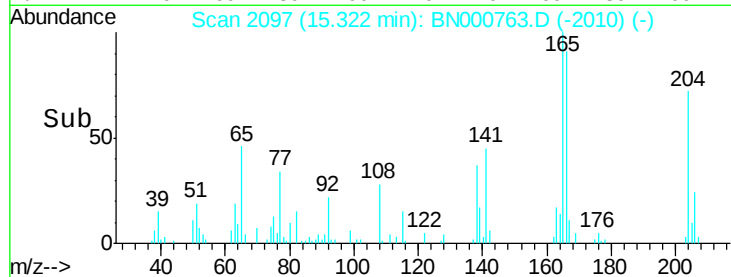
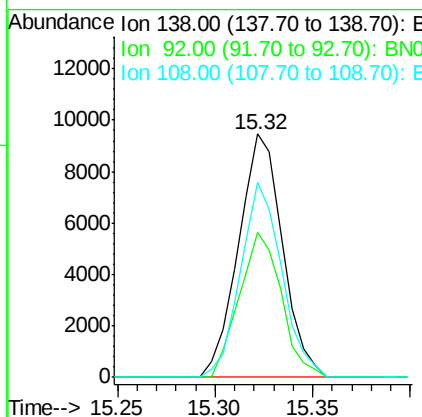
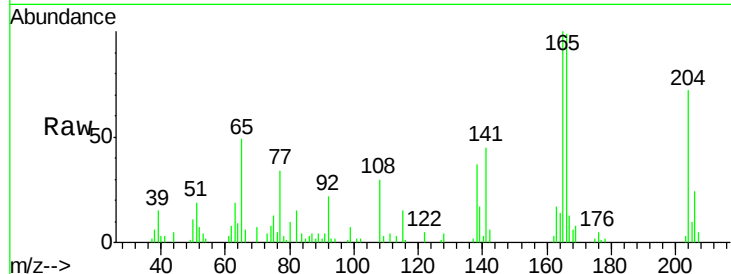




#61
4-Nitroaniline
Concen: 3.438 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

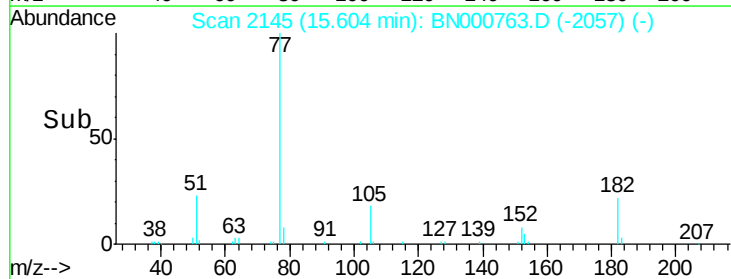
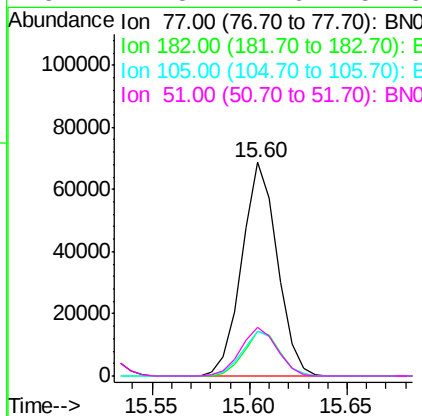
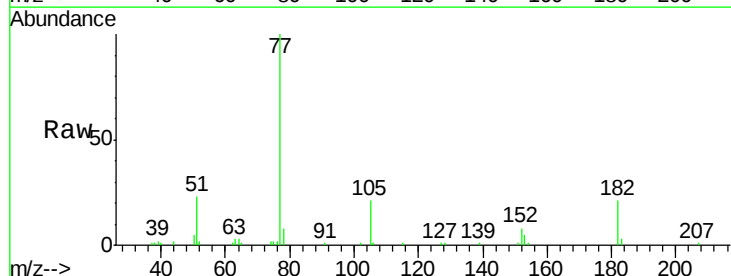
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

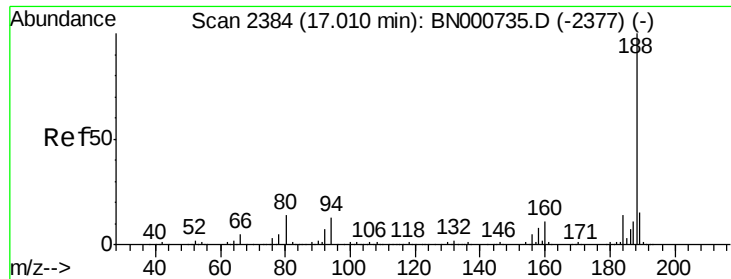
Tot Ion:138 Resp: 14773
Ion Ratio Lower Upper
138 100
92 59.5 40.1 80.1
108 80.1 65.4 105.4



#62
Azobenzene
Concen: 4.503 ng
RT: 15.60 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion: 77 Resp: 86580
Ion Ratio Lower Upper
77 100
182 21.1 7.4 47.4
105 20.9 0.3 40.3
51 22.8 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

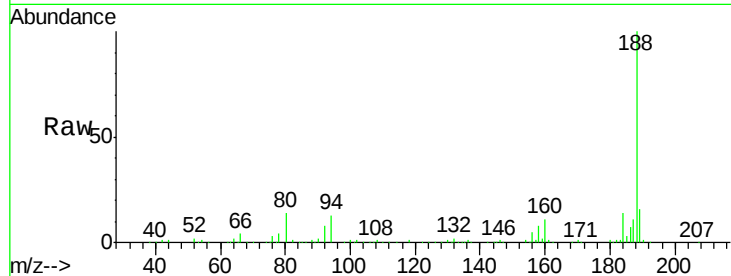
Tot Ion:188 Resp: 469522

Ion Ratio Lower Upper

188 100

94 12.7 6.9 10.3#

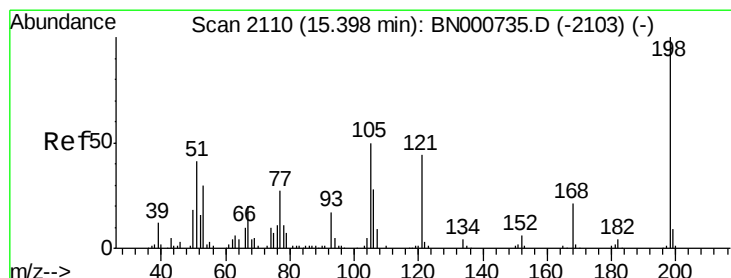
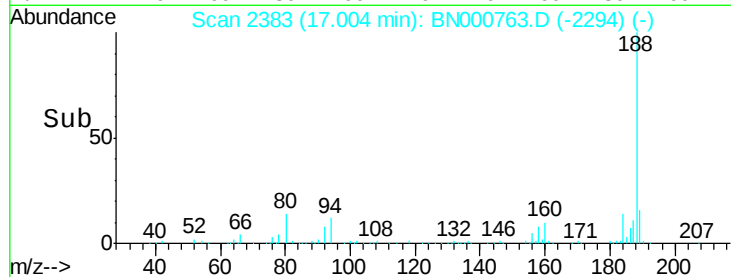
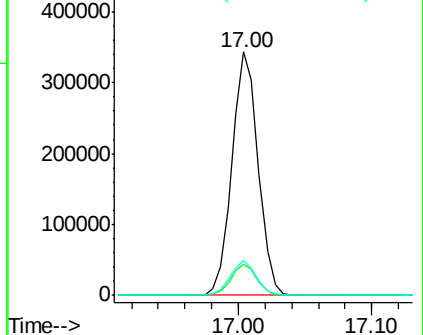
80 14.4 7.7 11.5#



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: 2.781 ng

RT: 15.39 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

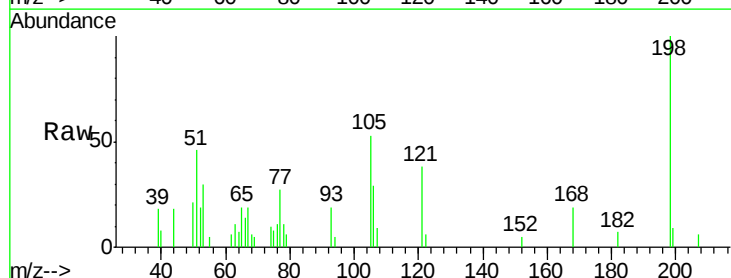
Tgt Ion:198 Resp: 8064

Ion Ratio Lower Upper

198 100

51 45.7 30.6 70.6

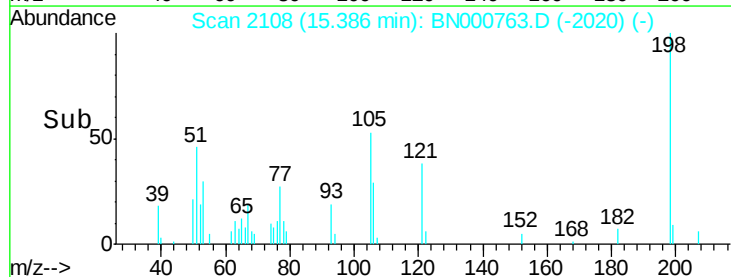
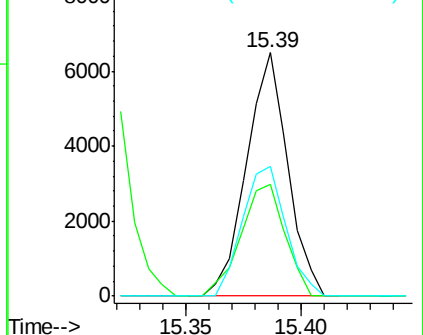
105 53.0 23.8 63.8

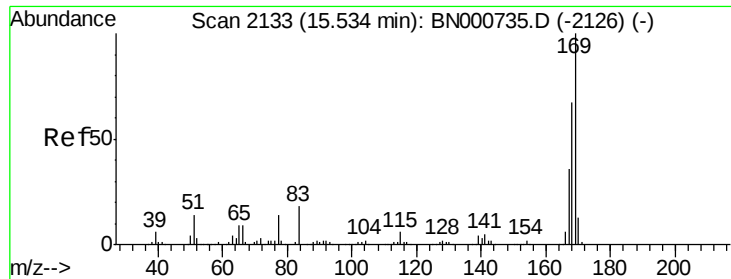


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

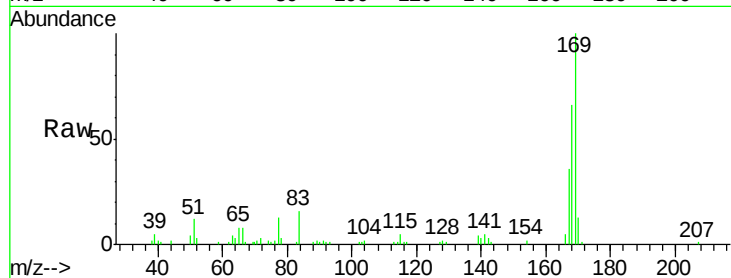




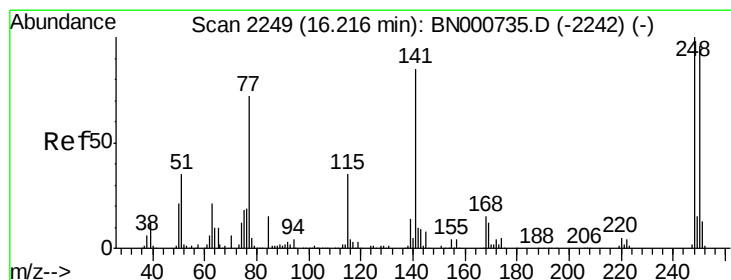
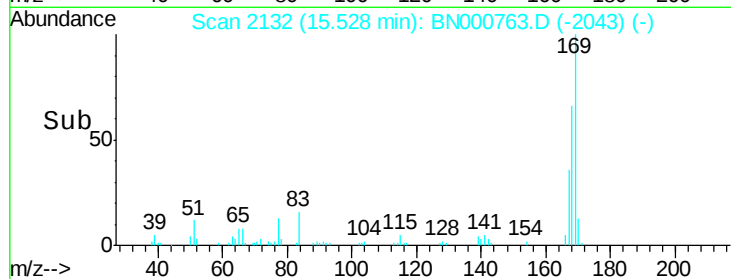
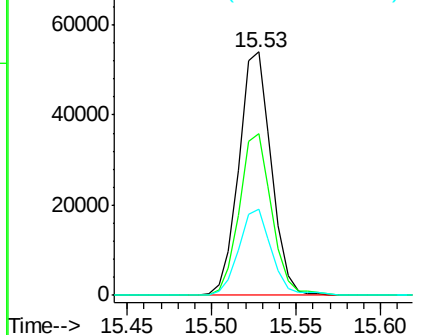
#65
 n-Nitrosodiphenylamine
 Concen: 4.558 ng
 RT: 15.53 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

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

Tot Ion:169 Resp: 71851
 Ion Ratio Lower Upper
 169 100
 168 66.2 55.7 83.5
 167 35.6 30.1 45.1

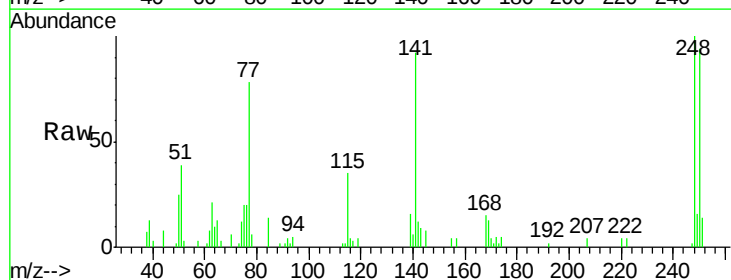


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

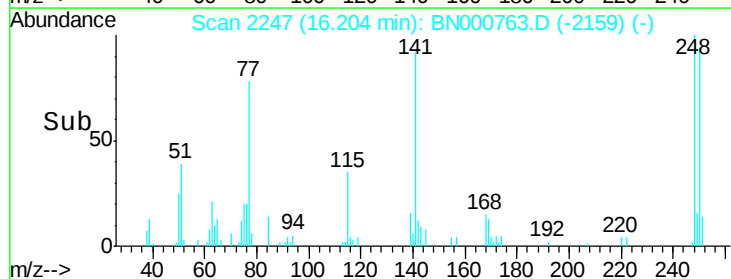
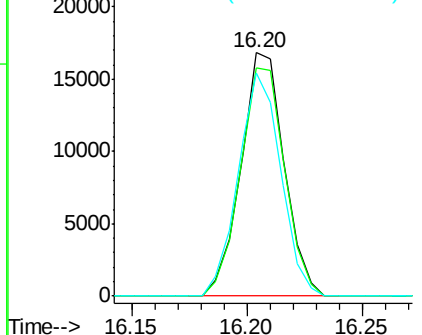


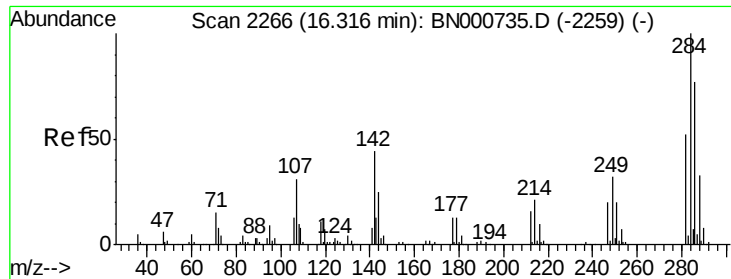
#66
 4-Bromophenyl-phenylether
 Concen: 4.605 ng
 RT: 16.20 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

Tgt Ion:248 Resp: 21965
 Ion Ratio Lower Upper
 248 100
 250 93.6 77.1 115.7
 141 91.6 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

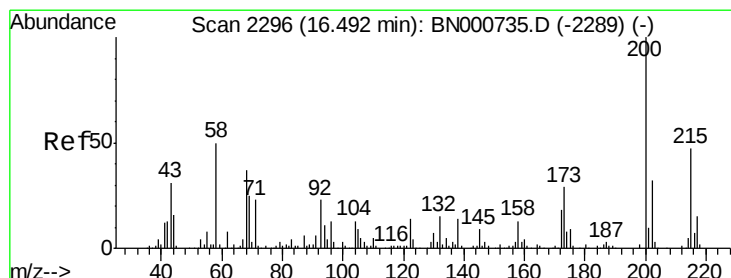
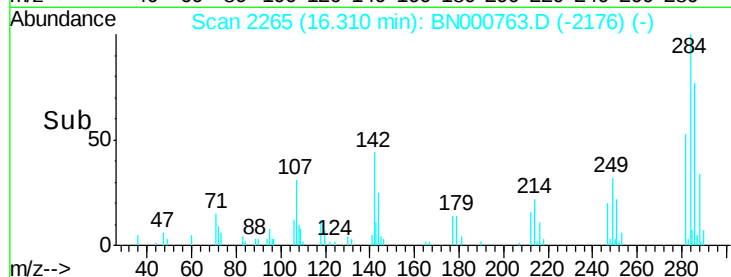
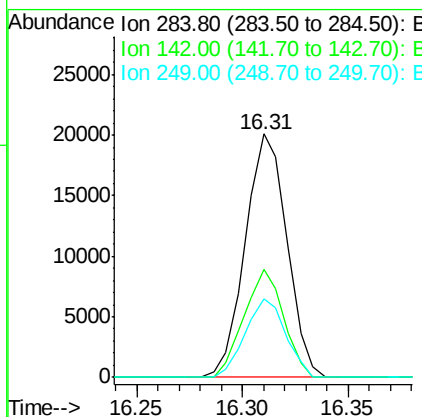
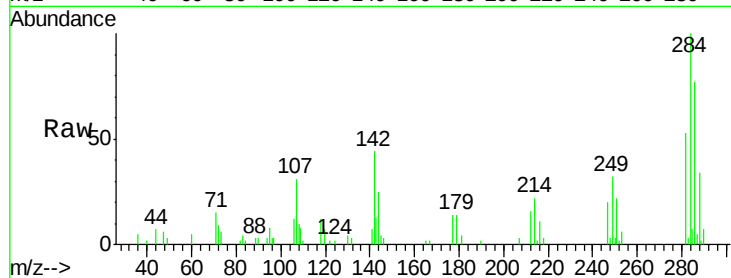




#67
Hexachlorobenzene
Concen: 4.980 ng
RT: 16.31 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

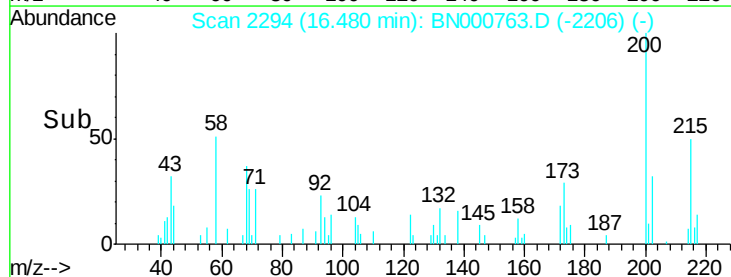
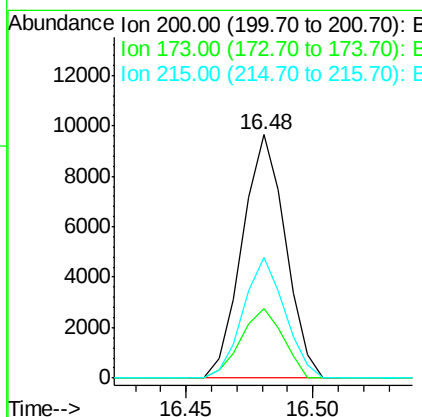
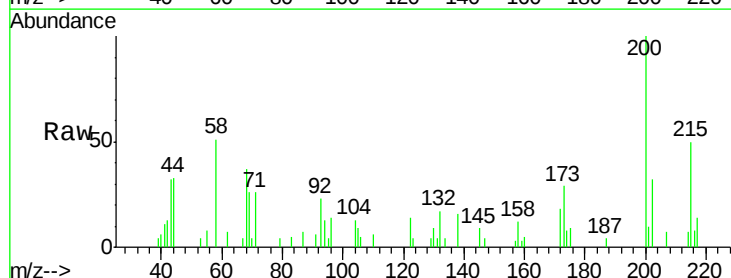
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

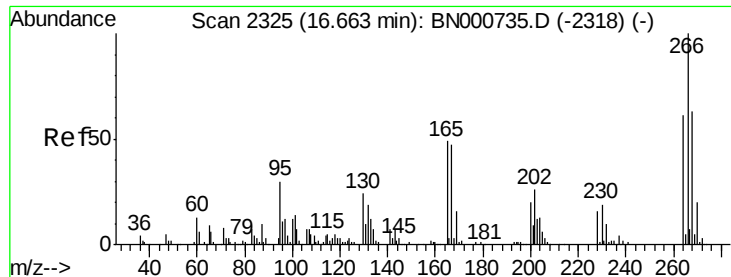
Tot Ion:284 Resp: 27503
Ion Ratio Lower Upper
284 100
142 44.3 26.8 40.2#
249 32.4 26.3 39.5



#68
Atrazine
Concen: 2.687 ng
RT: 16.48 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion:200 Resp: 11476
Ion Ratio Lower Upper
200 100
173 28.6 5.2 45.2
215 49.5 30.4 70.4

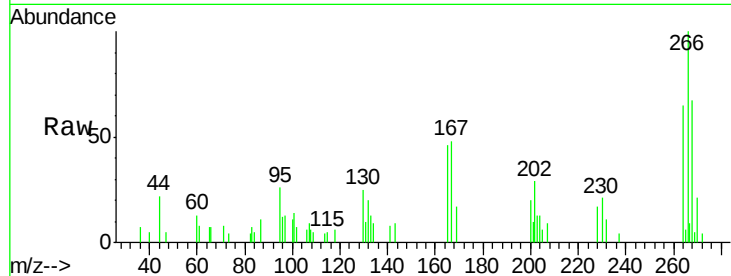




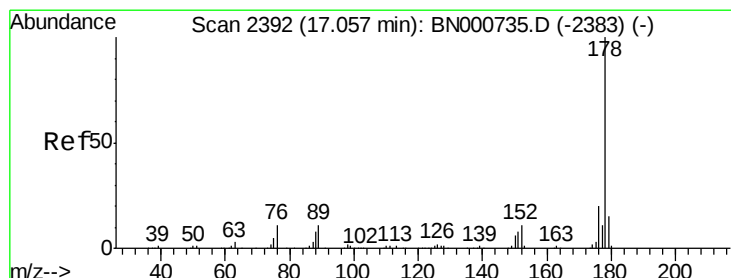
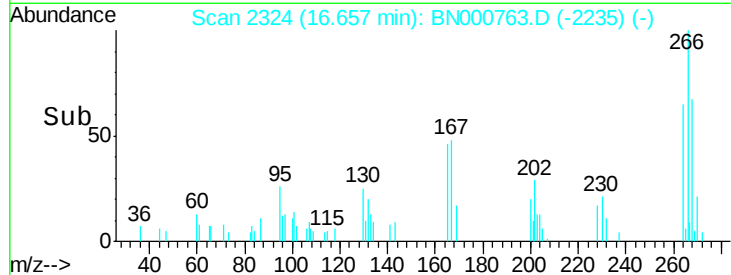
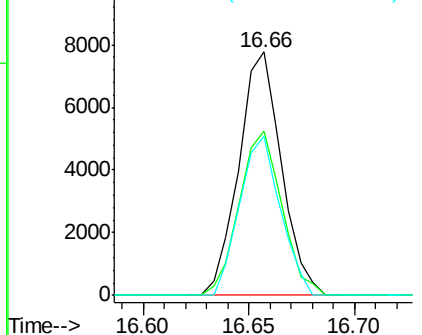
#69
 Pentachlorophenol
 Concen: 3.049 ng
 RT: 16.66 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

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

Tot Ion:266 Resp: 10880
 Ion Ratio Lower Upper
 266 100
 268 67.2 51.1 76.7
 264 65.4 49.6 74.4

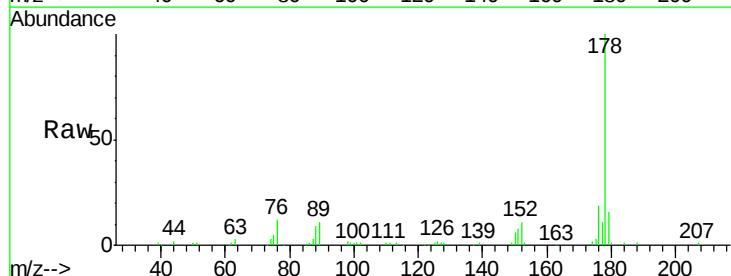


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

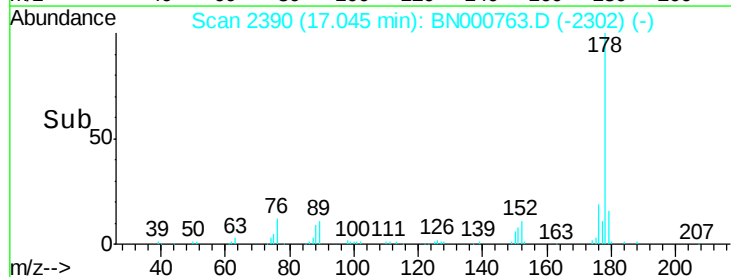
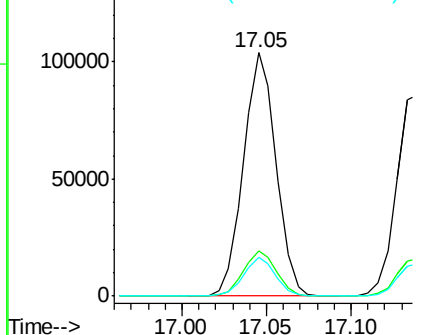


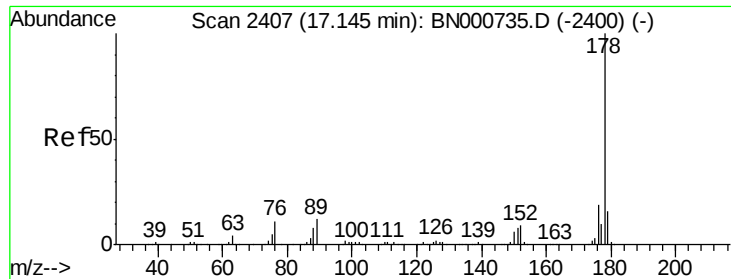
#70
 Phenanthrene
 Concen: 5.136 ng
 RT: 17.05 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

Tgt Ion:178 Resp: 139664
 Ion Ratio Lower Upper
 178 100
 176 18.7 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

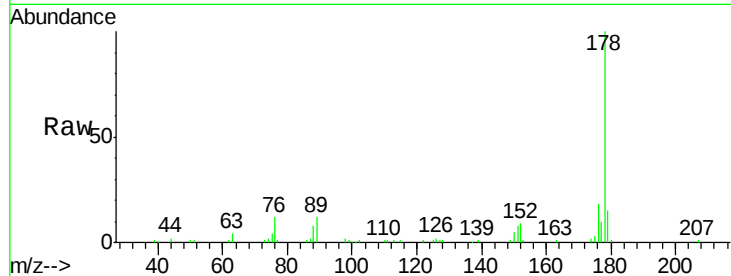




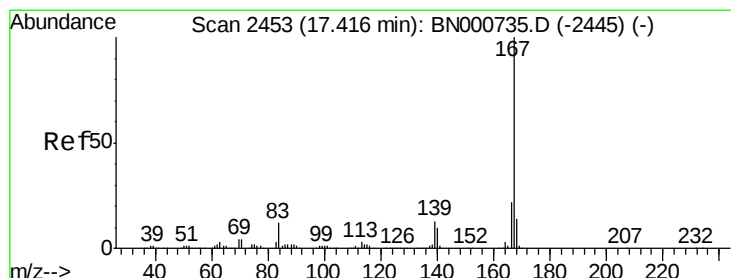
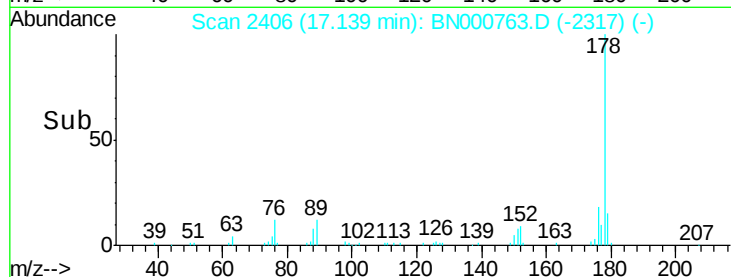
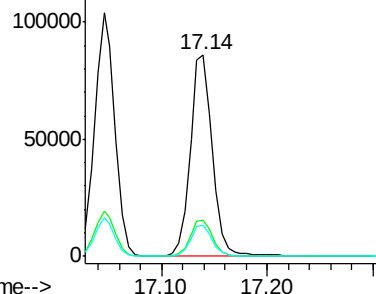
#71
 Anthracene
 Concen: 4.717 ng
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

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

Tot Ion:178 Resp: 125629
 Ion Ratio Lower Upper
 178 100
 176 18.1 16.0 24.0
 179 15.4 12.5 18.7

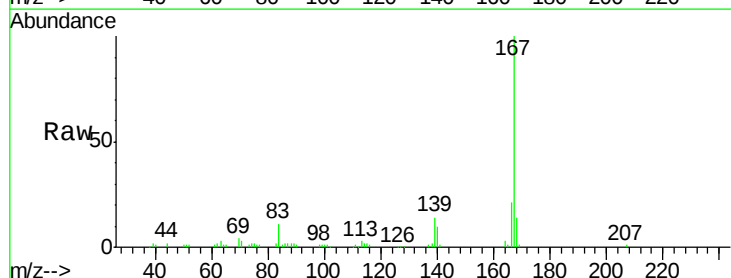


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

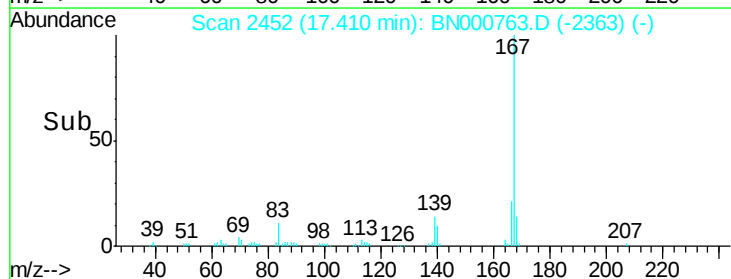
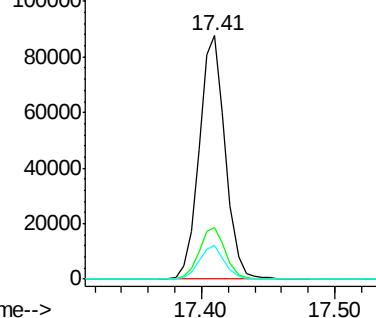


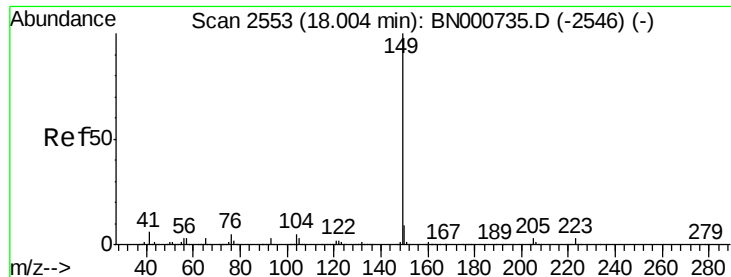
#72
 Carbazole
 Concen: 4.751 ng
 RT: 17.41 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

Tgt Ion:167 Resp: 118909
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.2 27.4
 139 13.9 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: 3.674 ng

RT: 17.99 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

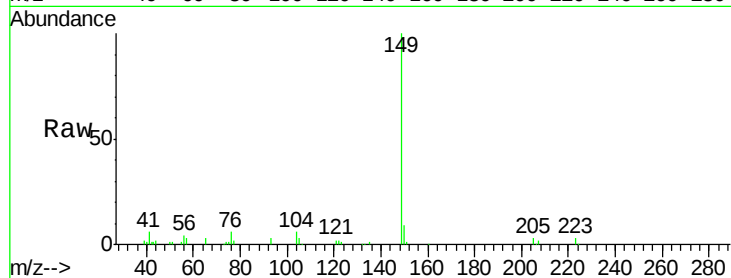
Tot Ion:149 Resp: 104760

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

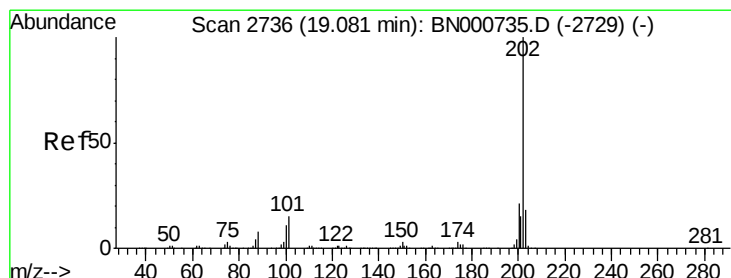
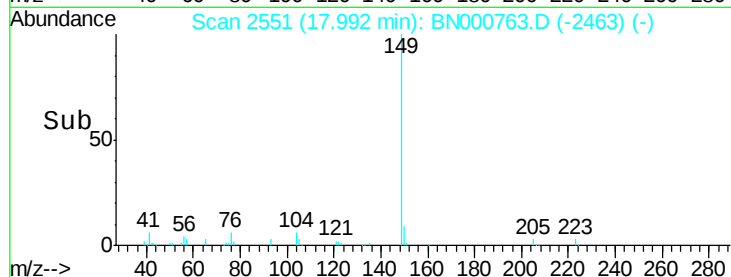
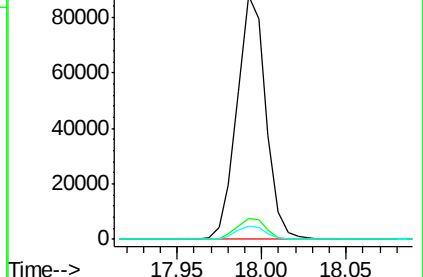
104 5.6 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 4.874 ng

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

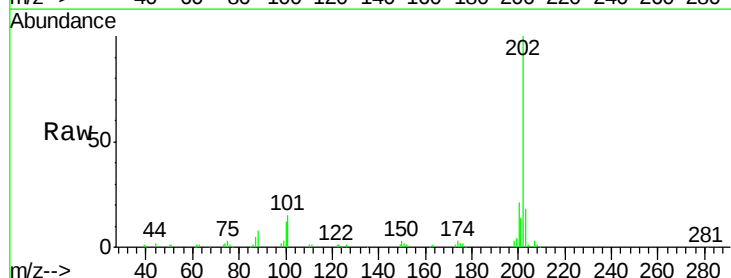
Tgt Ion:202 Resp: 133597

Ion Ratio Lower Upper

202 100

101 15.5 0.0 28.9

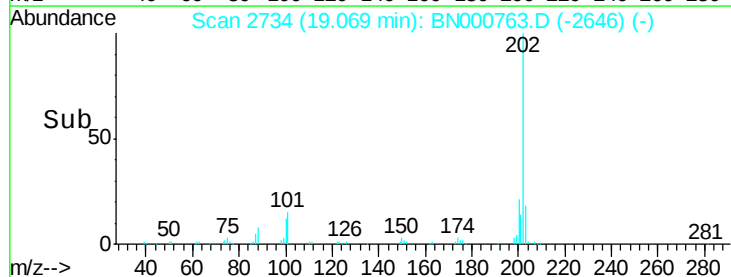
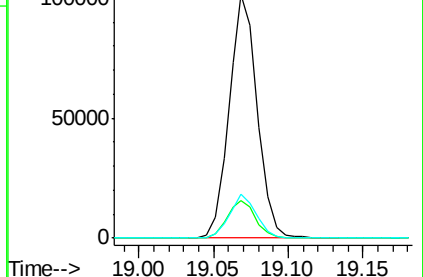
203 17.9 0.0 37.5

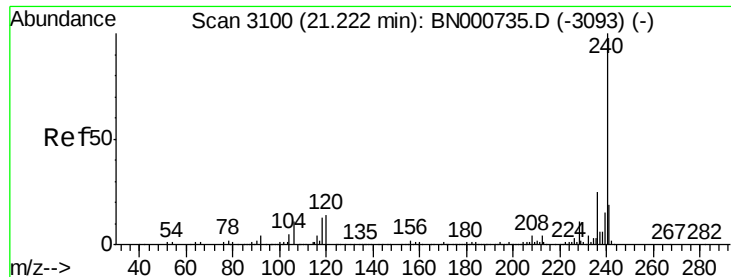


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

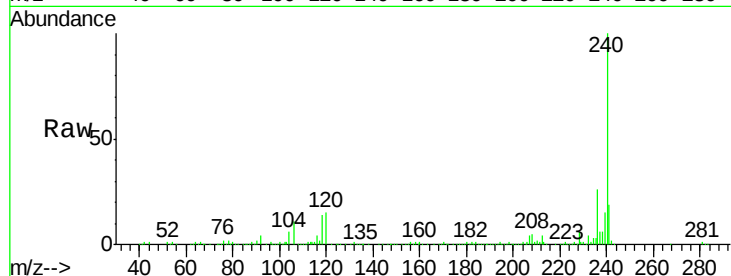
Tot Ion:240 Resp: 470016

Ion Ratio Lower Upper

240 100

120 14.9 6.8 10.2#

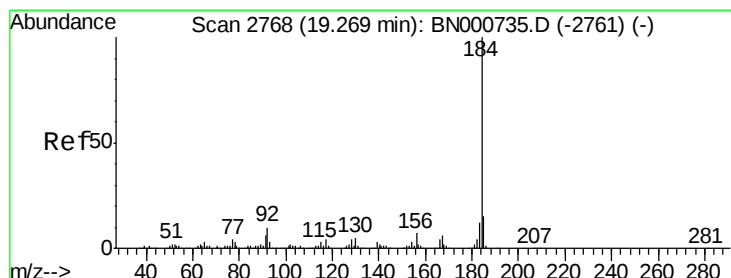
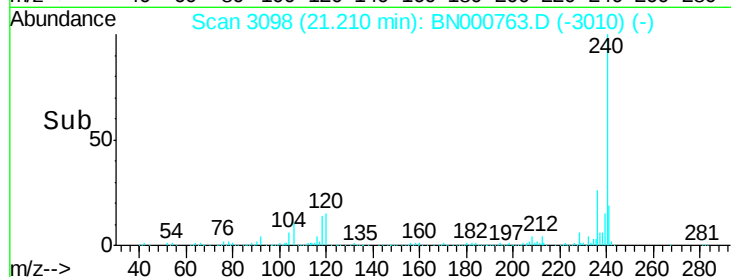
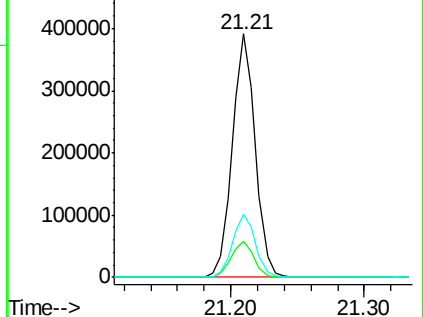
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.910 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

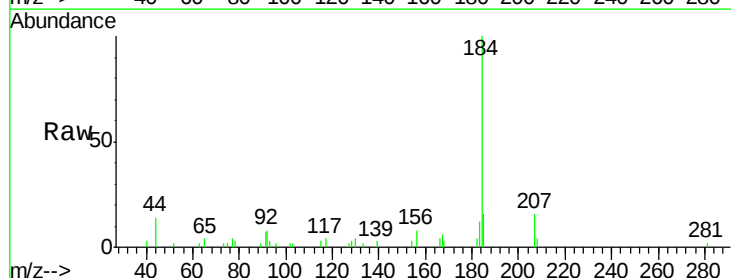
Tgt Ion:184 Resp: 24314

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

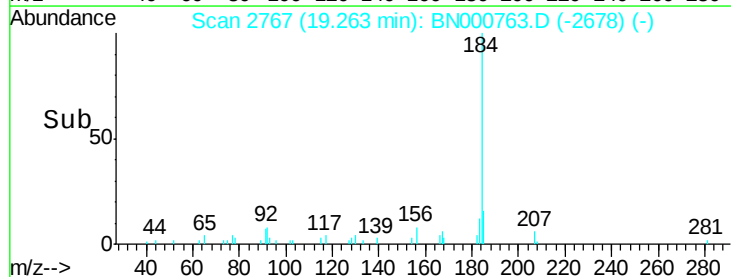
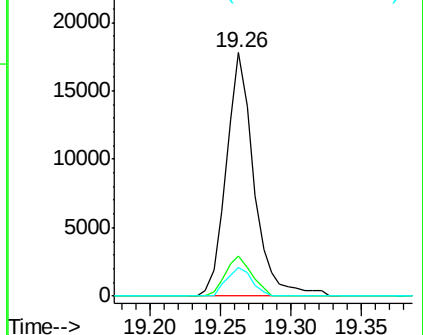
183 11.6 10.6 16.0

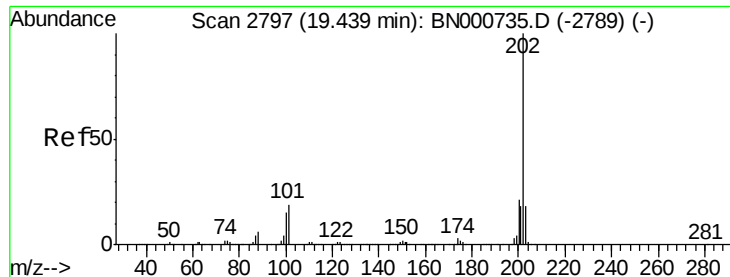


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 4.389 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

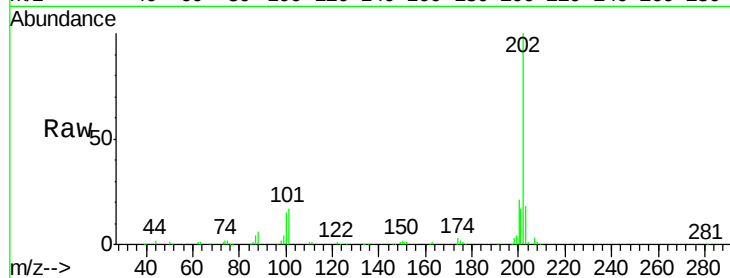
Tot Ion:202 Resp: 148610

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

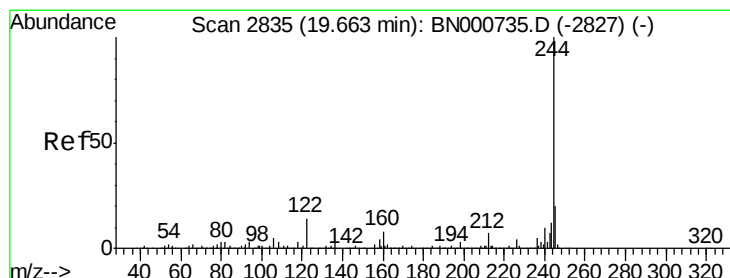
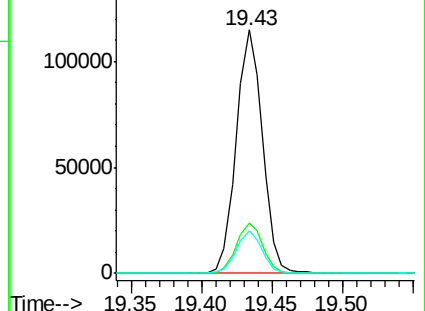
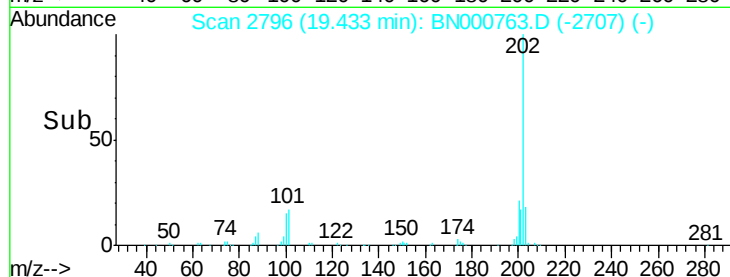
203 17.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.944 ng

RT: 19.65 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

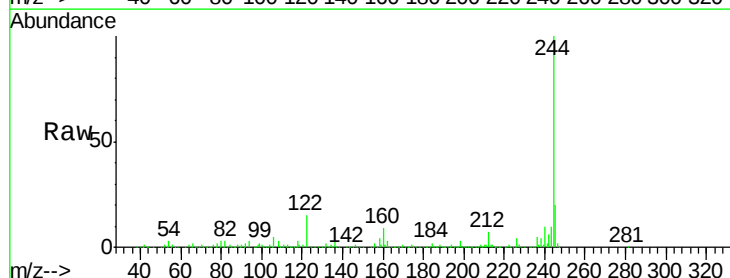
Tgt Ion:244 Resp: 1764494

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

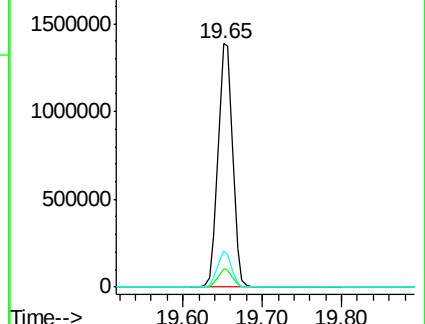
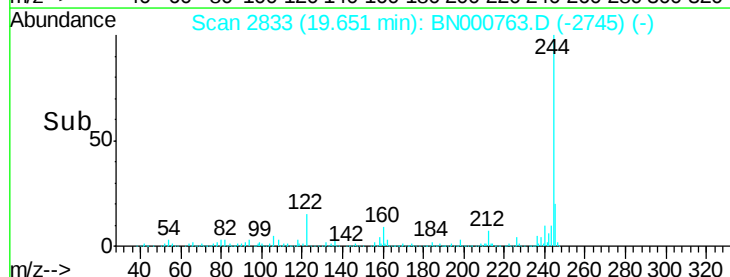
122 15.0 7.0 10.4#

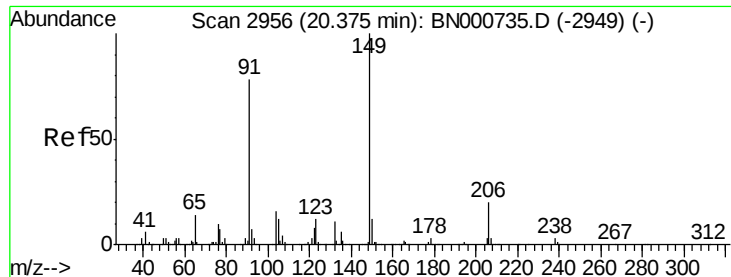


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 2.625 ng

RT: 20.36 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

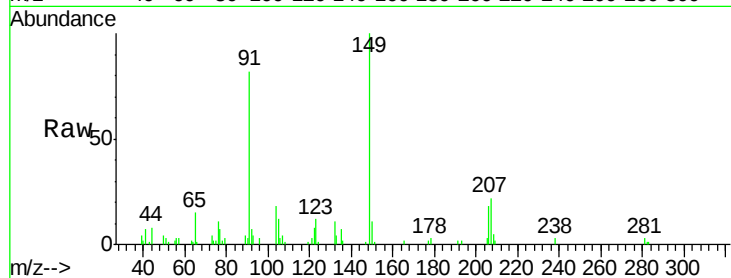
Tot Ion:149 Resp: 37446

Ion Ratio Lower Upper

149 100

91 82.2 62.2 93.2

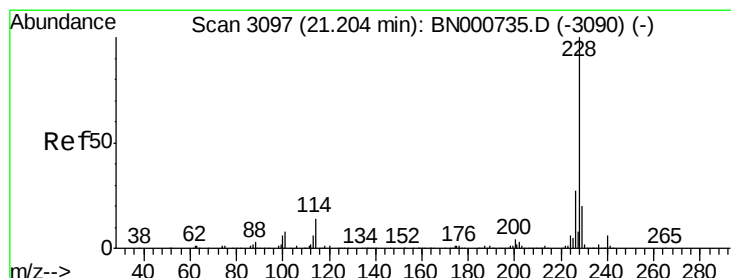
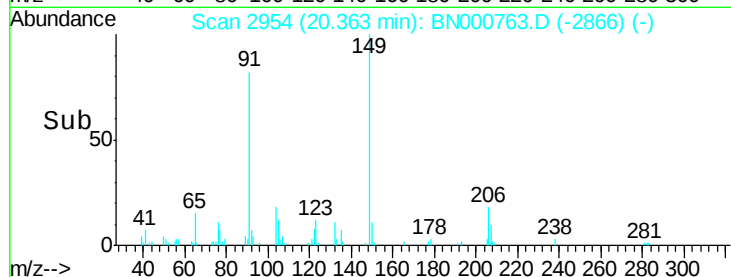
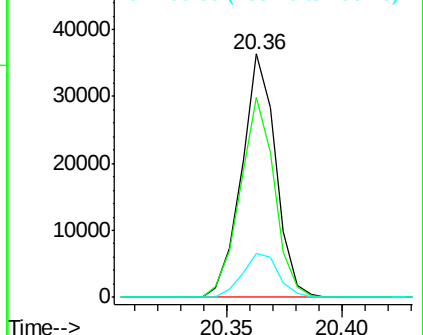
206 18.1 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNO

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 4.869 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

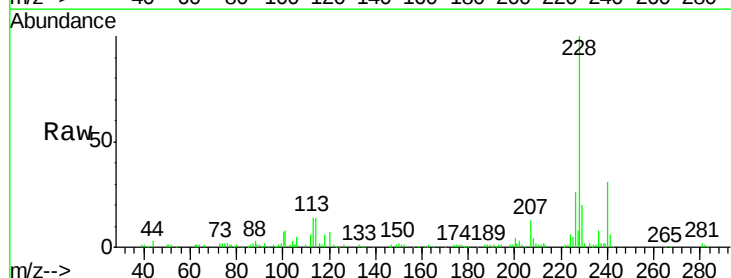
Tgt Ion:228 Resp: 144217

Ion Ratio Lower Upper

228 100

226 26.0 22.7 34.1

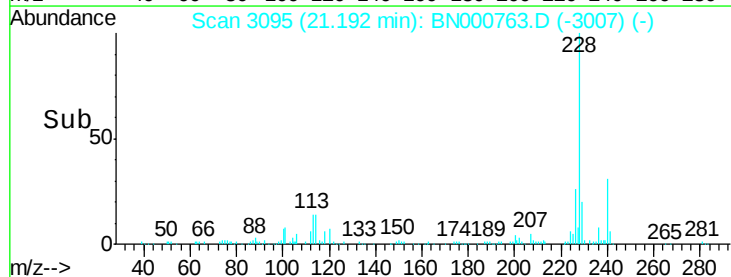
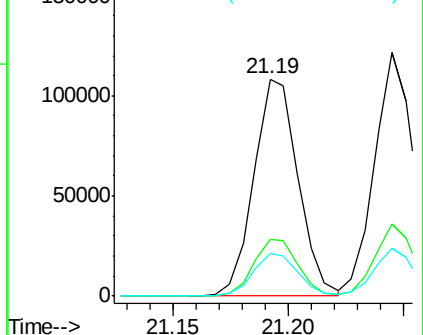
229 19.8 16.2 24.2

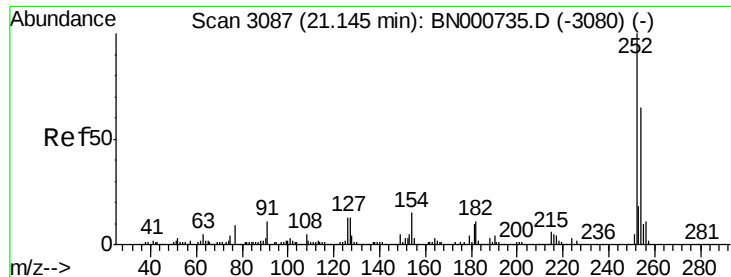


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

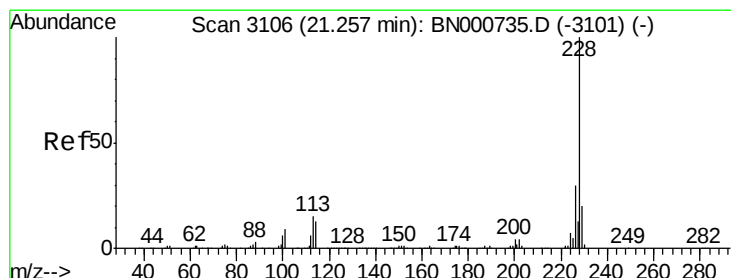
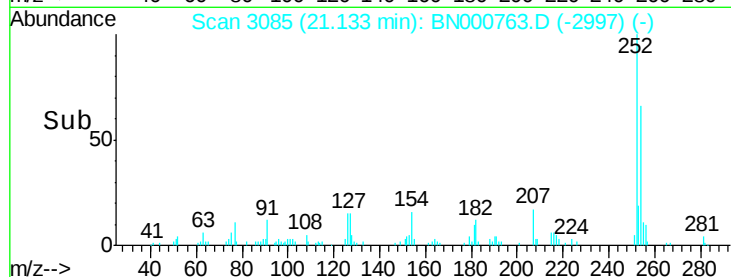
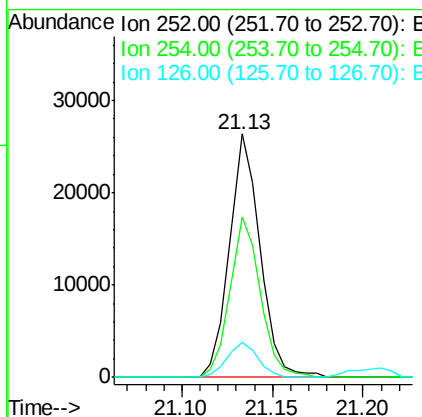
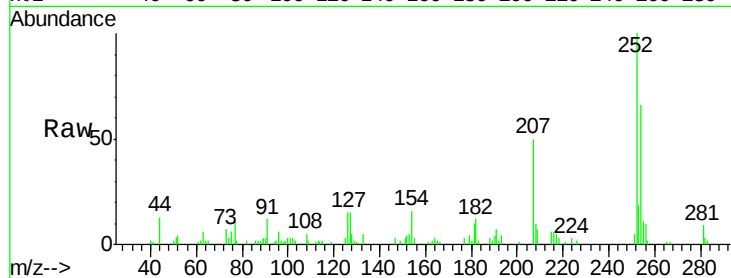




#81
 3,3'-Dichlorobenzidine
 Concen: 3.339 ng
 RT: 21.13 min Scan# 3085
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

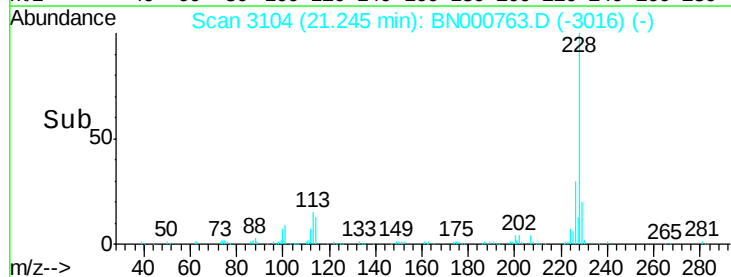
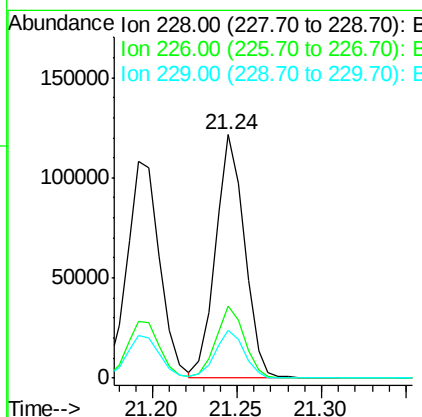
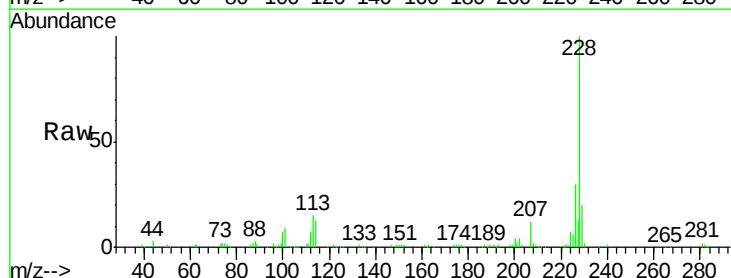
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2018

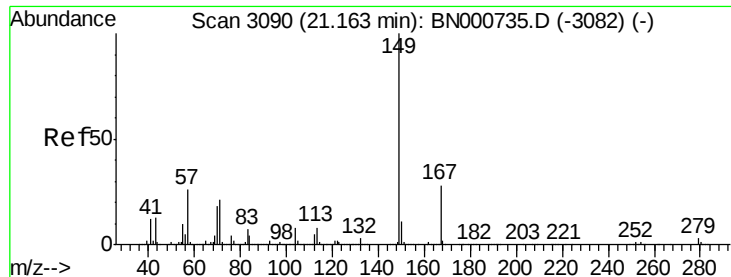
Tot Ion:252 Resp: 31137
 Ion Ratio Lower Upper
 252 100
 254 66.0 50.8 76.2
 126 14.6 7.4 11.2#



#82
 Chrysene
 Concen: 5.070 ng
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

Tgt Ion:228 Resp: 145391
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 19.5 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.863 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Instrument :

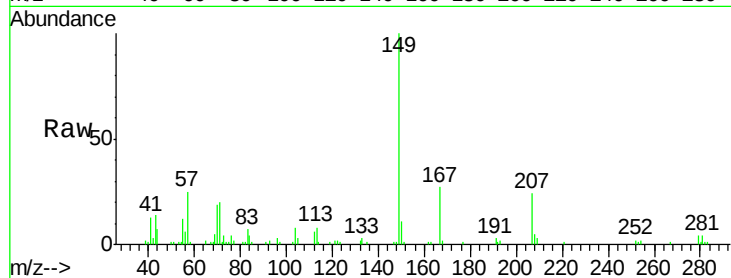
BNA_N

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:149 Resp: 62383

Ion	Ratio	Lower	Upper
149	100		
167	27.3	24.3	36.5
279	4.3	4.0	6.0

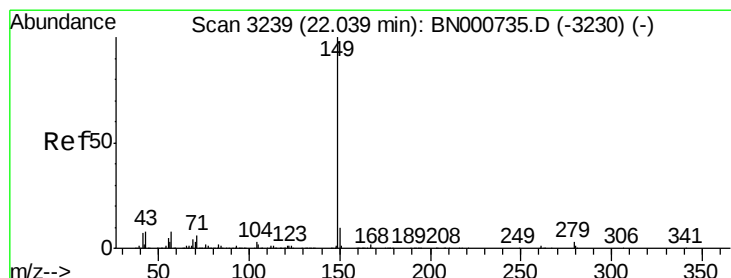
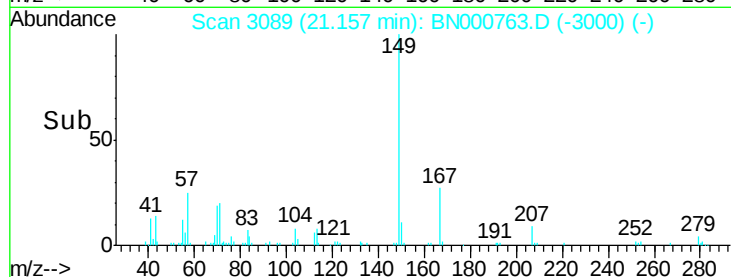
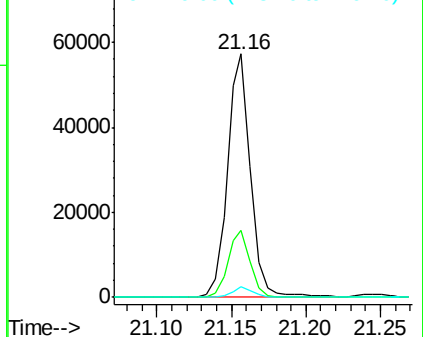


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 2.599 ng

RT: 22.03 min Scan# 3237

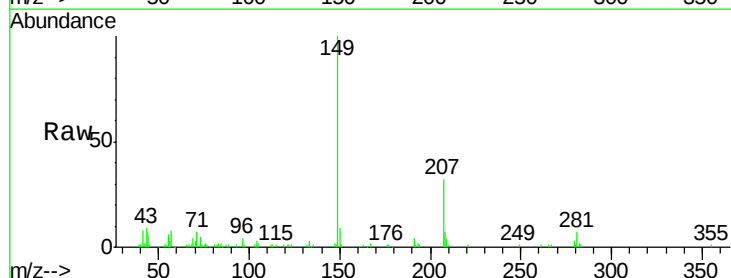
Delta R.T. -0.01 min

Lab File: BN000763.D

Acq: 19 Apr 2018 04:53

Tgt Ion:149 Resp: 81032

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.4	2.0
43	9.5	8.9	13.3

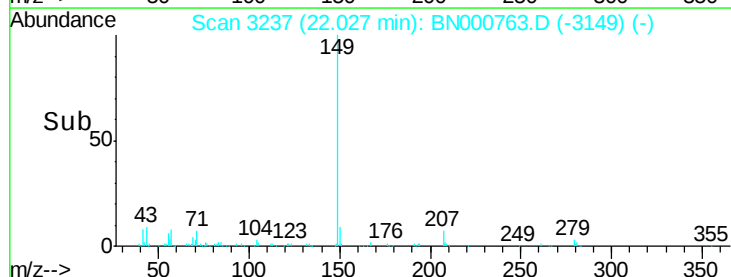
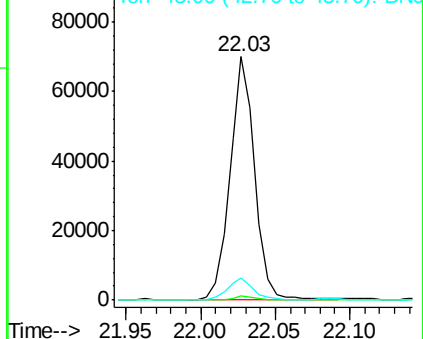


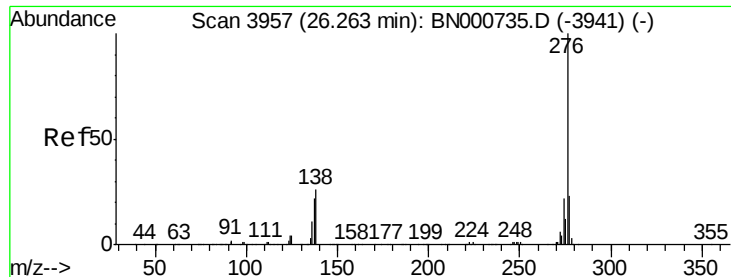
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

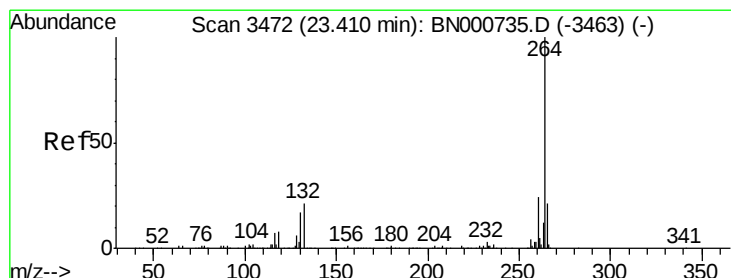
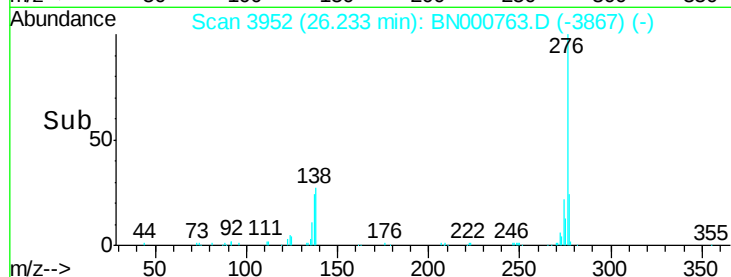
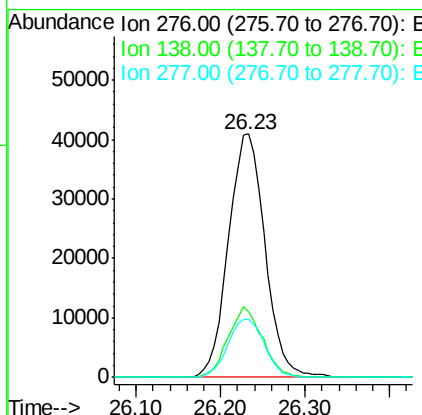
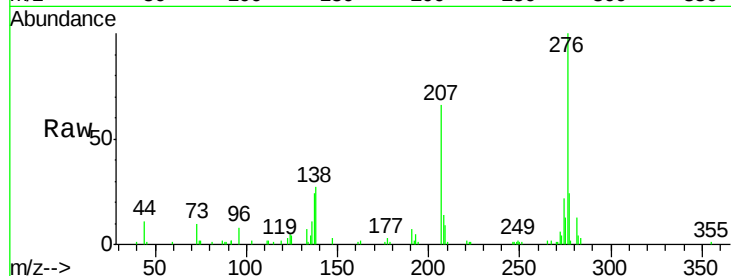




#85
Indeno(1,2,3-cd)pyrene
Concen: 4.966 ng
RT: 26.23 min Scan# 3952
Delta R.T. -0.03 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

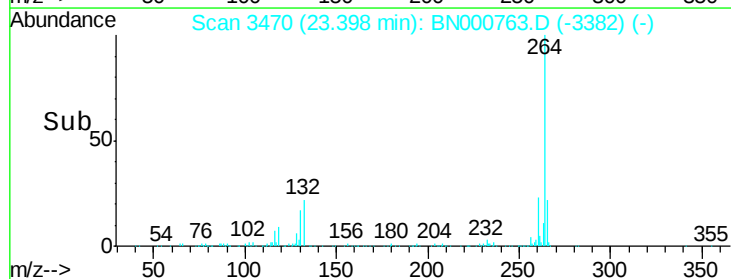
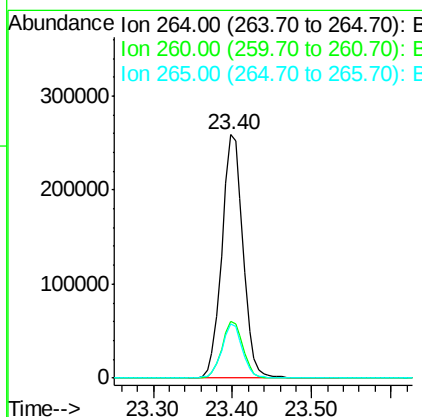
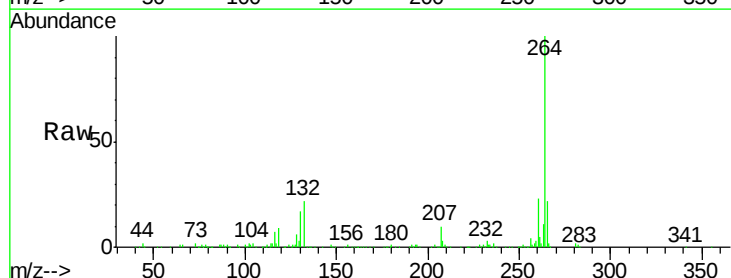
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

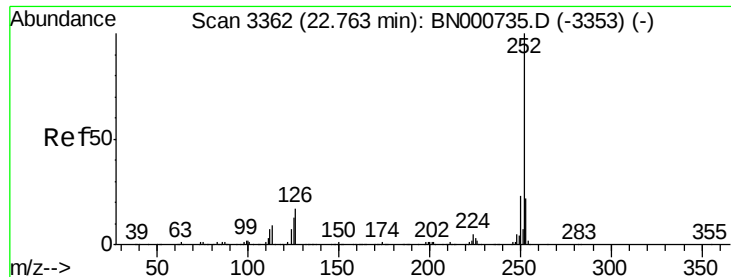
Tot Ion:276 Resp: 122477
Ion Ratio Lower Upper
276 100
138 27.1 16.0 24.0#
277 23.8 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion:264 Resp: 476519
Ion Ratio Lower Upper
264 100
260 23.2 17.4 26.0
265 22.2 17.7 26.5

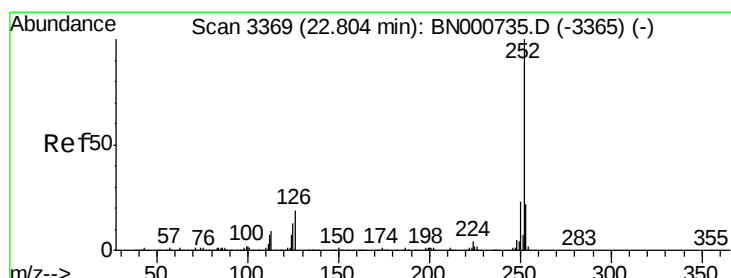
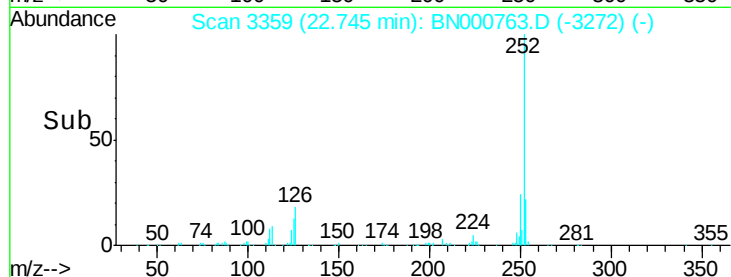
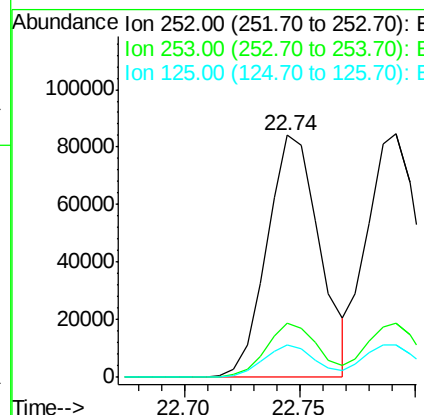
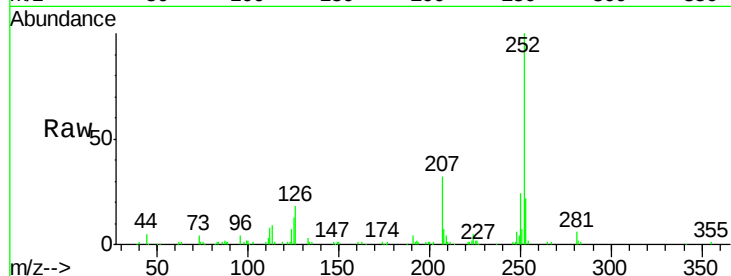




#87
Benzo(b)fluoranthene
Concen: 4.610 ng
RT: 22.74 min Scan# 3359
Delta R.T. -0.02 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

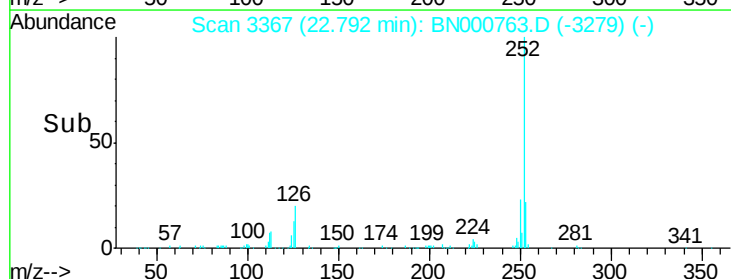
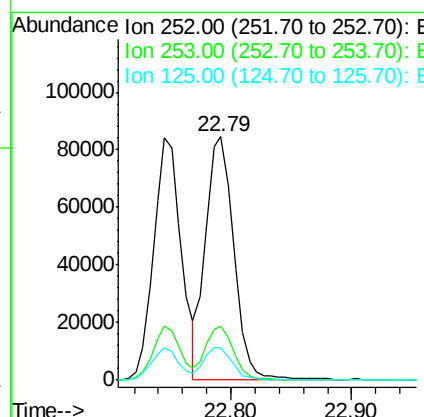
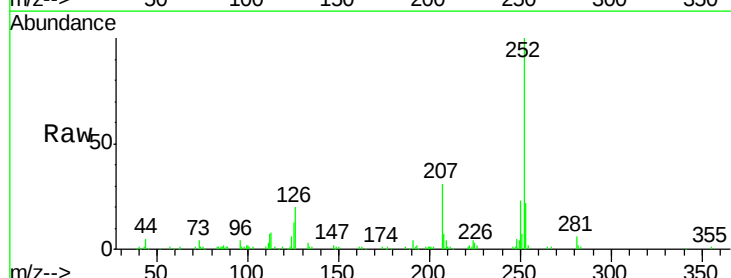
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

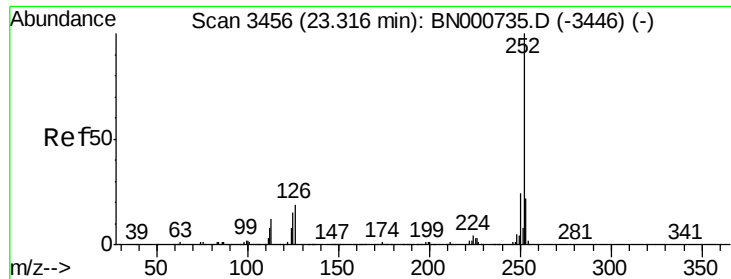
Tot Ion:252 Resp: 133479
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 13.5 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 4.749 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion:252 Resp: 136933
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 13.1 6.6 9.8#

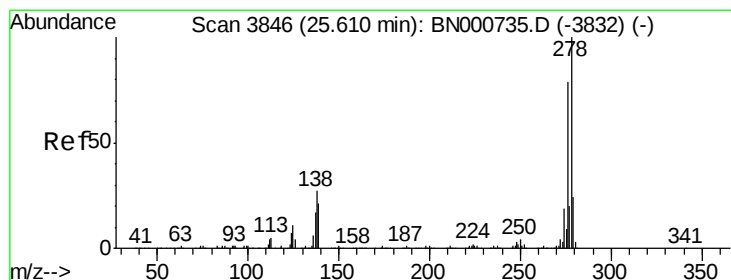
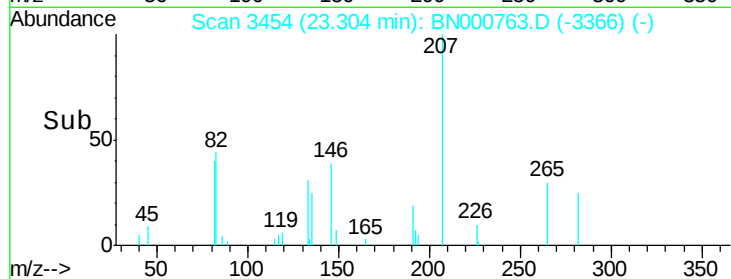
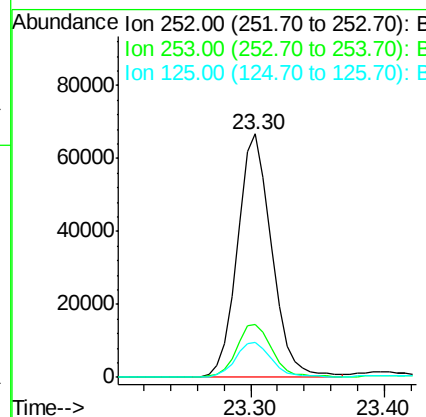
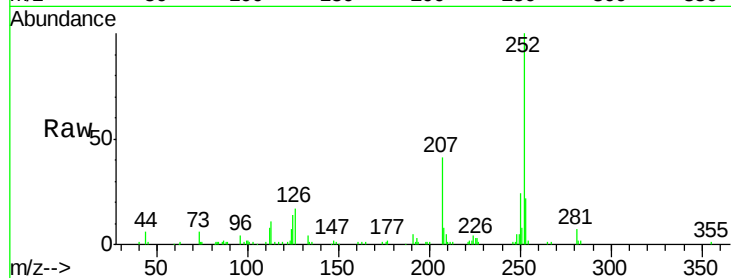




#89
Benzo(a)pyrene
Concen: 4.516 ng
RT: 23.30 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

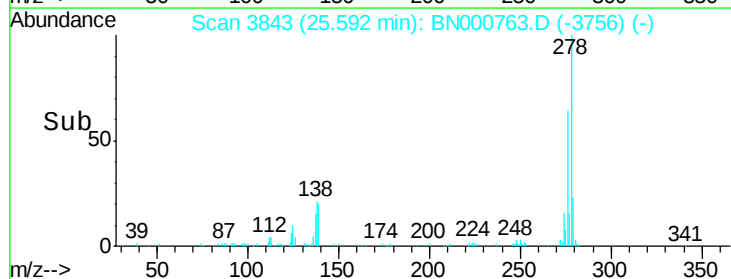
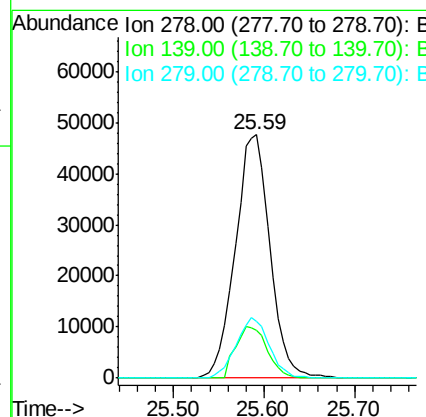
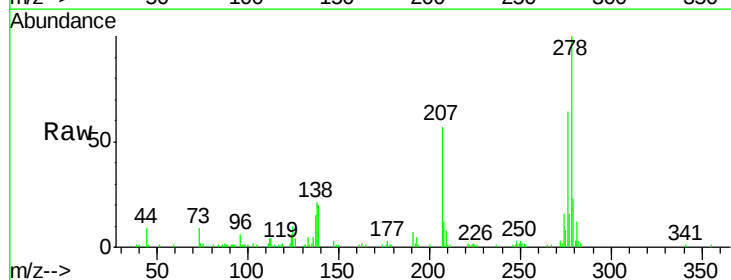
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

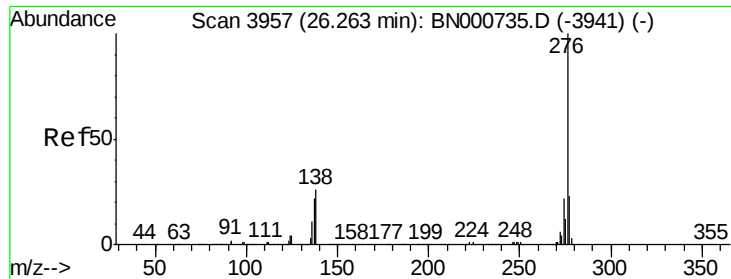
Tot Ion:252 Resp: 119304
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 14.4 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 4.859 ng
RT: 25.59 min Scan# 3843
Delta R.T. -0.02 min
Lab File: BN000763.D
Acq: 19 Apr 2018 04:53

Tgt Ion:278 Resp: 126509
Ion Ratio Lower Upper
278 100
139 19.6 9.8 14.6#
279 23.5 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.819 ng
 RT: 26.23 min Scan# 3952
 Delta R.T. -0.03 min
 Lab File: BN000763.D
 Acq: 19 Apr 2018 04:53

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.3	27.5
138	27.0	13.9	20.9

