

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
 Data File : BM017180.D
 Acq On : 18 Oct 2018 06:09
 Operator : MJ/SJ
 Sample : J5164-09
 Misc : MDL 2 PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Quant Time: Oct 18 13:03:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	183938	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	758211	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	435694	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1032220	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1191360	20.00	ng	-0.01
87) Perylene-d12	23.47	264	1222105	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1556844	143.15	ng	0.00
7) Phenol-d6	6.85	99	2030614	137.10	ng	0.00
23) Nitrobenzene-d5	8.82	82	1172303	90.43	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	898788	152.54	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2837327	86.65	ng	0.00
79) Terphenyl-d14	19.70	244	4487774	84.91	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	11443	2.061	ng	99
3) Pyridine	3.66	79	26885	2.104	ng	# 91
4) n-Nitrosodimethylamine	3.57	42	11680	2.277	ng	# 73
8) 2-Chlorophenol	7.24	128	26387	2.097	ng	97
9) Benzaldehyde	6.83	77	23183	2.455	ng	93
10) Phenol	6.88	94	32451	2.036	ng	84
12) 1,3-Dichlorobenzene	7.56	146	29340	2.000	ng	95
18) Hexachloroethane	8.73	117	10327	2.014	ng	88
24) Nitrobenzene	8.86	77	30174	2.200	ng	# 88
25) Isophorone	9.39	82	44891	2.097	ng	95
26) 2-Nitrophenol	9.58	139	8977	6.936	ng	91
27) 2,4-Dimethylphenol	9.63	122	20344	2.149	ng	90
28) bis(2-Chloroethoxy)methane	9.88	93	30607	2.031	ng	100
30) 1,2,4-Trichlorobenzene	10.31	180	26452	2.006	ng	94
31) Naphthalene	10.50	128	80651	2.171	ng	98
34) Hexachlorobutadiene	10.78	225	17678	2.116	ng	94
37) 2-Methylnaphthalene	12.12	142	56548	2.224	ng	98
38) 1-Methylnaphthalene	12.33	142	55551	2.245	ng	# 92
41) Hexachlorocyclopentadiene	12.46	237	17229	2.323	ng	95
47) 2-Chloronaphthalene	13.18	162	57797	2.004	ng	98
48) 2-Nitroaniline	13.40	65	11348	6.915	ng	96
50) Dimethylphthalate	13.77	163	69530	2.068	ng	# 95
52) Acenaphthene	14.37	154	54063	2.059	ng	96
54) 2,4-Dinitrophenol	14.45	184	3714	8.994	ng	92
55) Dibenzofuran	14.72	168	89272	2.045	ng	98
56) 4-Nitrophenol	14.55	139	6721	5.583	ng	89
58) Fluorene	15.36	166	68647	2.124	ng	98
60) Diethylphthalate	15.15	149	67889	2.037	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	36975	2.007	ng	98
62) 4-Nitroaniline	15.40	138	10586	5.821	ng	90
65) 4,6-Dinitro-2-methylphenol	15.46	198	6632	7.857	ng	97
71) Phenanthrene	17.10	178	120767	2.168	ng	98
72) Anthracene	17.19	178	107253	2.027	ng	99
75) Fluoranthene	19.12	202	129144	2.061	ng	100

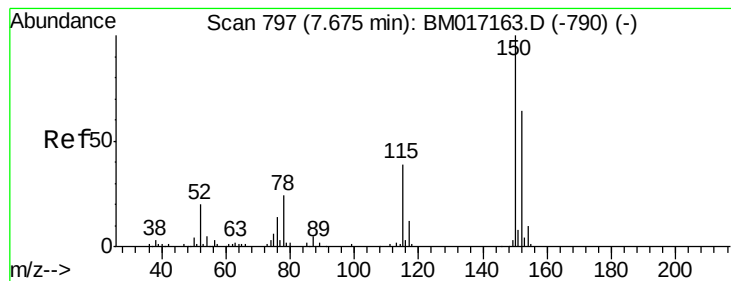
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
Data File : BM017180.D
Acq On : 18 Oct 2018 06:09
Operator : MJ/SJ
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QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	20.40	149	35340	8.362	ng	97
81) Benzo(a)anthracene	21.24	228	138877	2.071	ng	99
83) Chrysene	21.29	228	144549	2.178	ng	97
84) Bis(2-ethylhexyl)phthalate	21.18	149	52832	6.520	ng	98
85) Di-n-octyl phthalate	22.05	149	91655	6.805	ng	# 98
86) Indeno(1,2,3-cd)pyrene	25.68	276	157671	2.124	ng	97
88) Benzo(b)fluoranthene	22.80	252	140610	2.104	ng	97
90) Benzo(a)pyrene	23.37	252	131001	2.065	ng	94
91) Dibenzo(a,h)anthracene	25.69	278	132487	2.103	ng	98
92) Benzo(g,h,i)perylene	26.36	276	132887	2.128	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.67 min Scan# 796

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

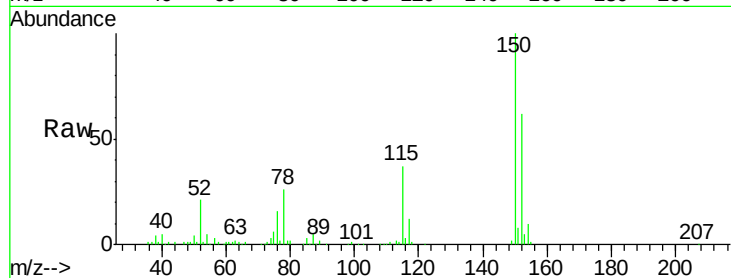
Tgt Ion:152 Resp: 183938

Ion Ratio Lower Upper

152 100

150 162.6 124.3 186.5

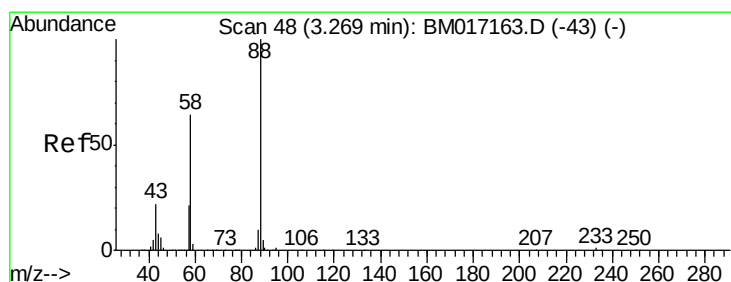
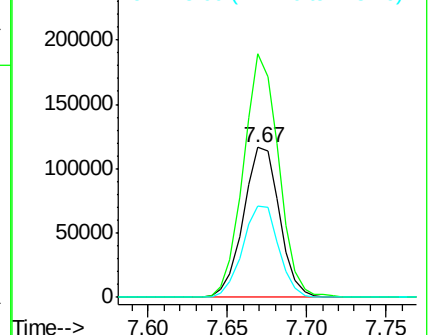
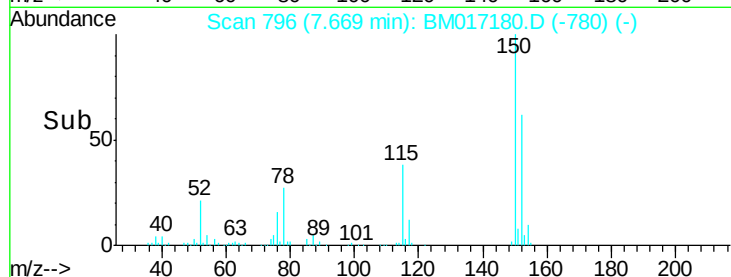
115 60.7 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.061 ng

RT: 3.27 min Scan# 48

Delta R.T. 0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

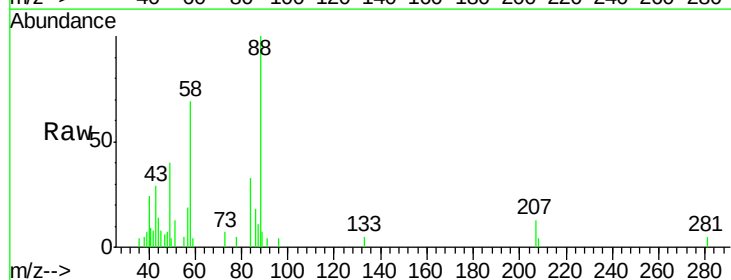
Tgt Ion: 88 Resp: 11443

Ion Ratio Lower Upper

88 100

58 61.9 50.2 75.4

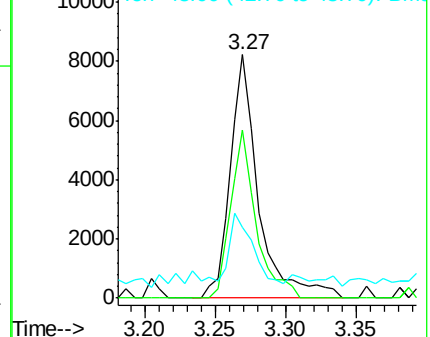
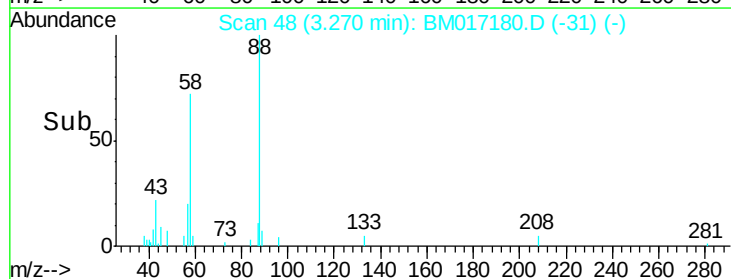
43 23.1 19.3 28.9

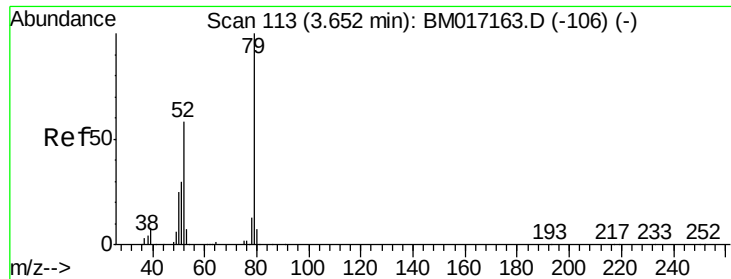


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 2.104 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

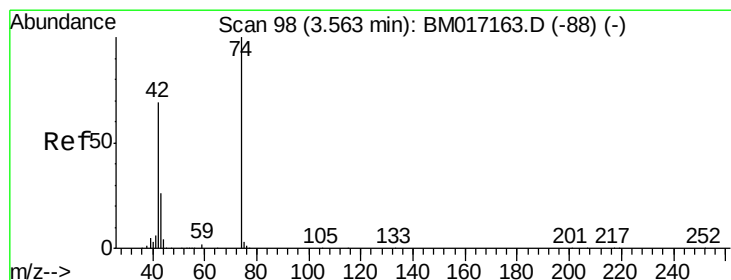
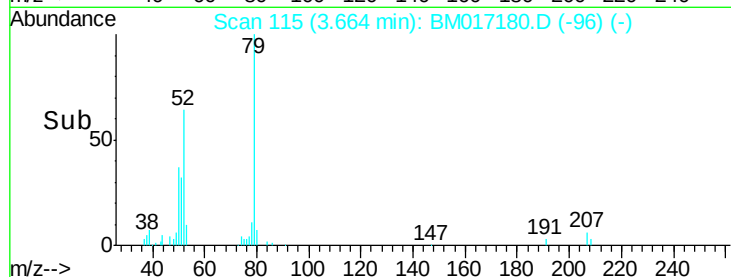
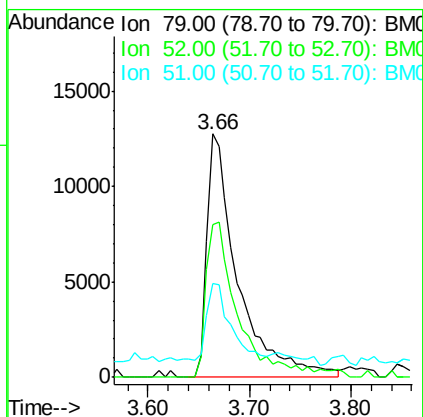
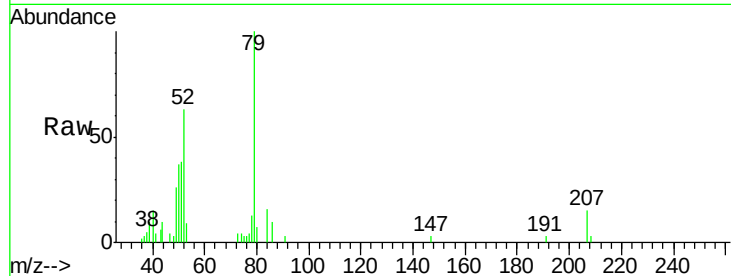
Tgt Ion: 79 Resp: 26885

Ion Ratio Lower Upper

79 100

52 62.7 46.5 69.7

51 38.4 24.6 37.0#



#4

n-Nitrosodimethylamine

Concen: 2.277 ng

RT: 3.57 min Scan# 99

Delta R.T. 0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

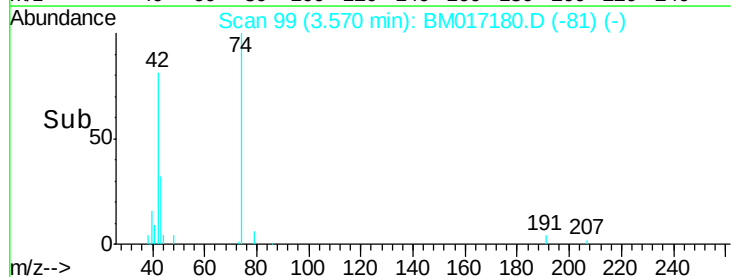
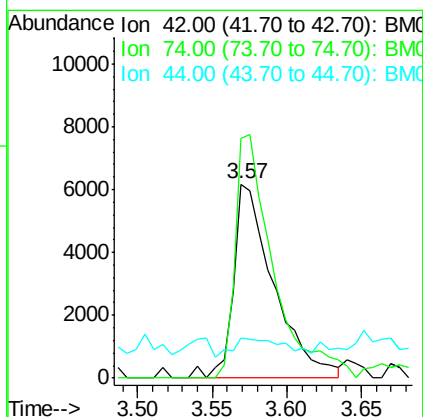
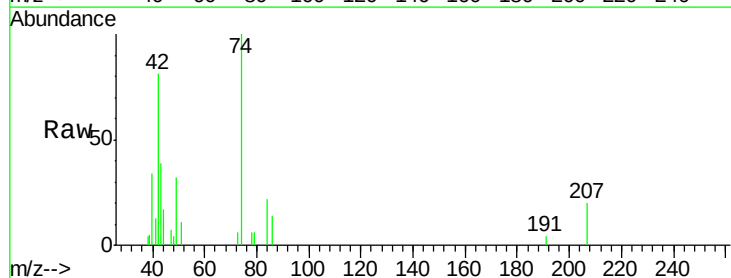
Tgt Ion: 42 Resp: 11680

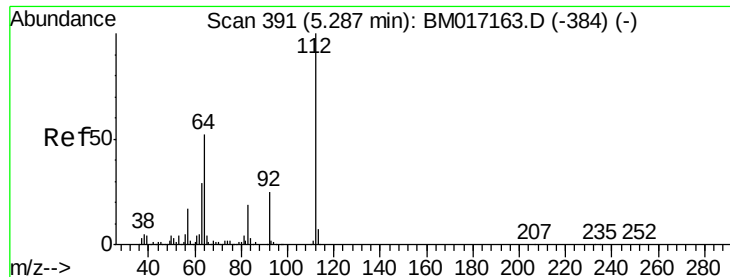
Ion Ratio Lower Upper

42 100

74 123.6 114.4 171.6

44 20.5 48.6 73.0#





#5

2-Fluorophenol

Concen: 143.154 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

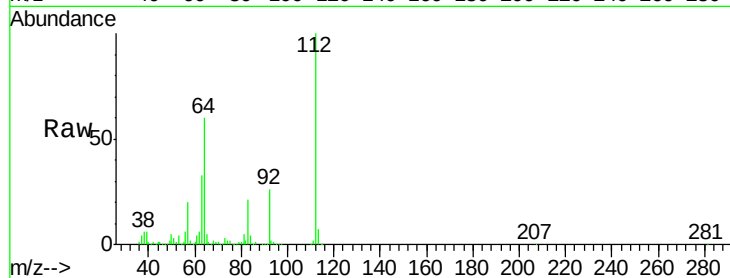
Tgt Ion: 112 Resp: 1556844

Ion Ratio Lower Upper

112 100

64 60.4 41.7 62.5

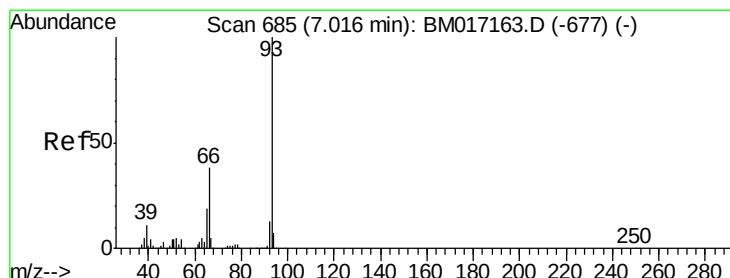
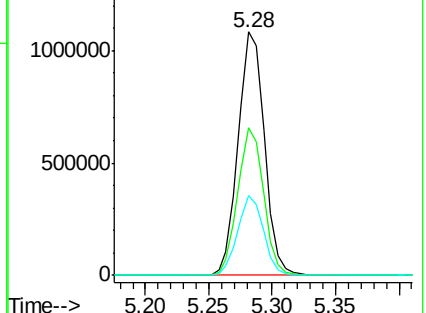
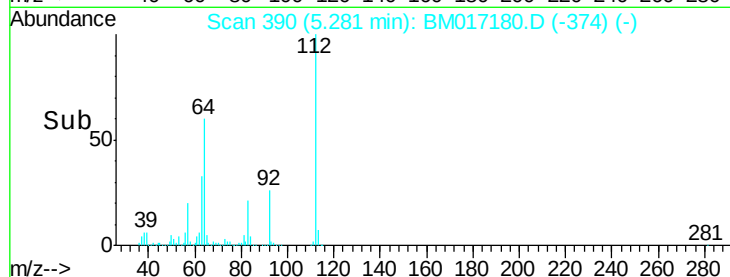
63 32.8 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 1.323 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

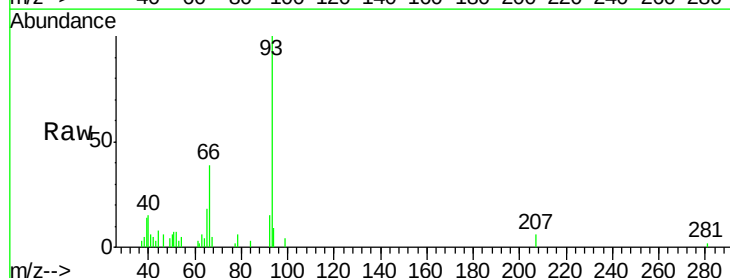
Tgt Ion: 93 Resp: 24510

Ion Ratio Lower Upper

93 100

66 39.2 30.4 45.6

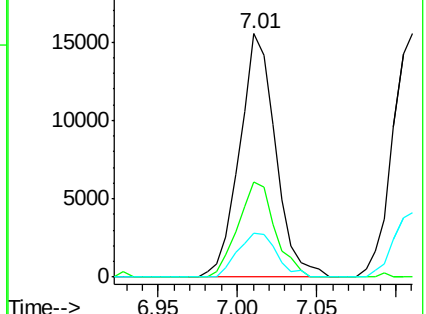
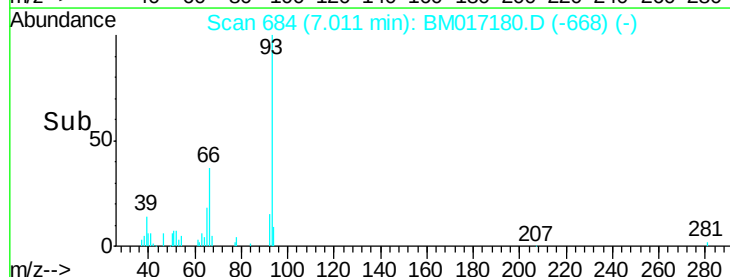
65 18.2 15.3 22.9

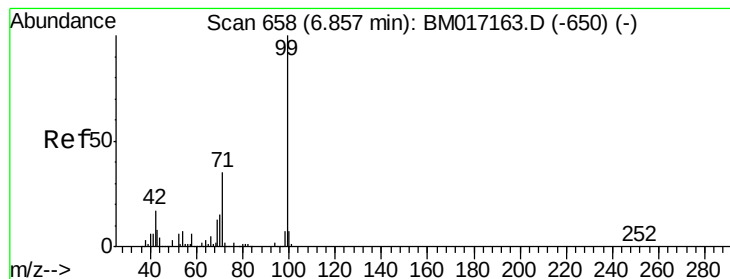


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 137.097 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

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ClientSampleId :

MDL-WATER-03-QT4-2018

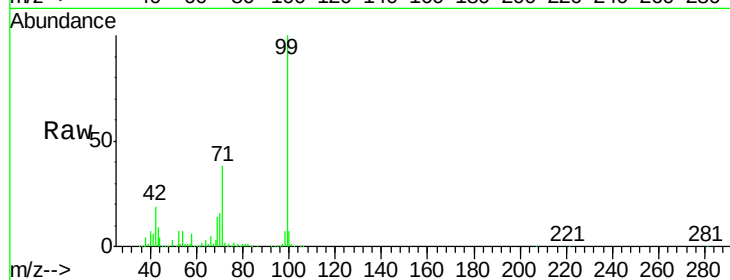
Tgt Ion: 99 Resp: 2030614

Ion Ratio Lower Upper

99 100

42 18.7 13.3 19.9

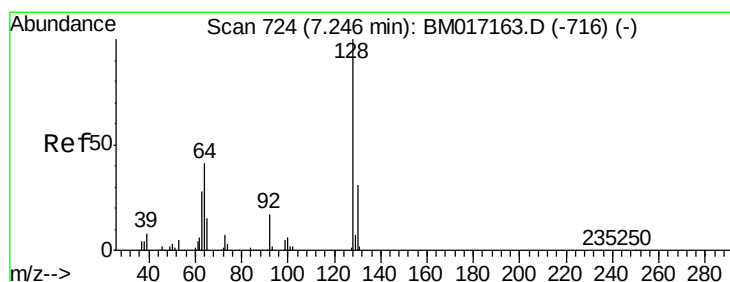
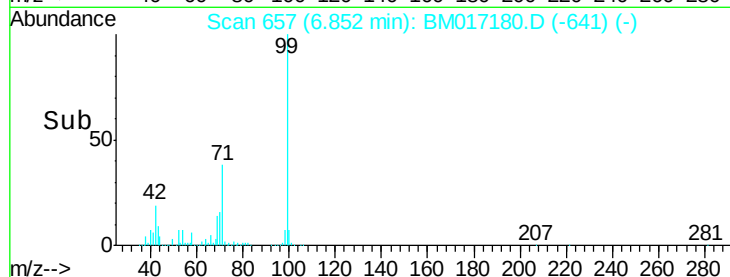
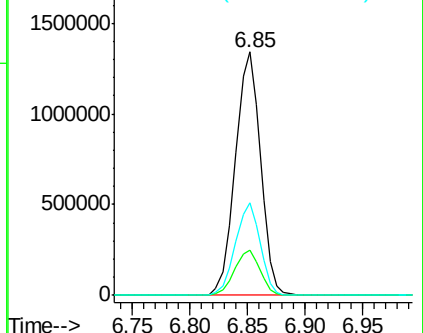
71 38.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017180.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017180.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017180.D (-641) (-)



#8

2-Chlorophenol

Concen: 2.097 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

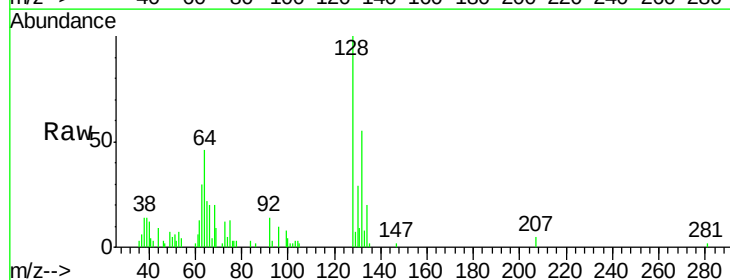
Tgt Ion: 128 Resp: 26387

Ion Ratio Lower Upper

128 100

130 29.3 11.0 51.0

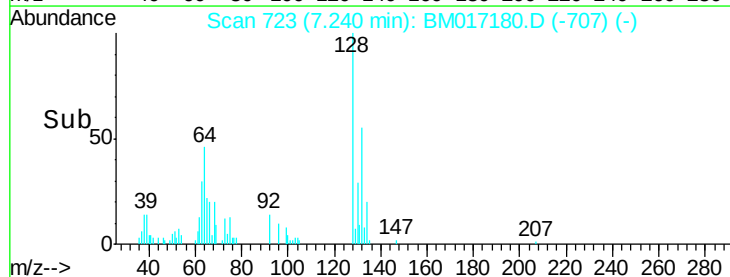
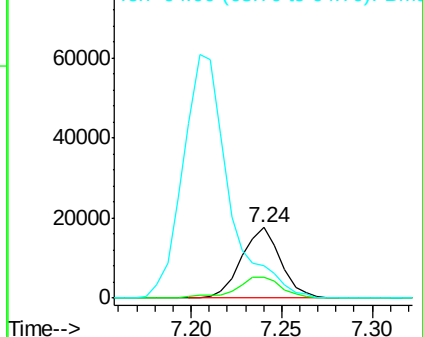
64 46.5 24.1 64.1

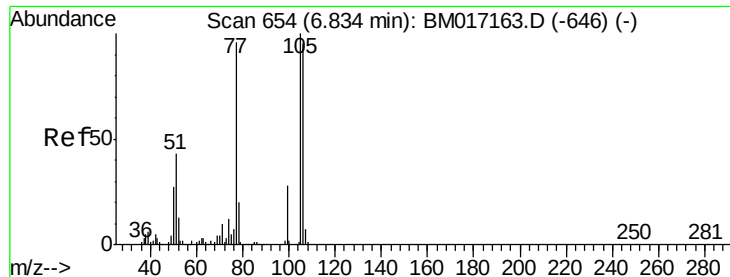


Abundance Ion 128.00 (127.70 to 128.70): BM017180.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM017180.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM017180.D (-707) (-)





#9

Benzaldehyde

Concen: 2.455 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

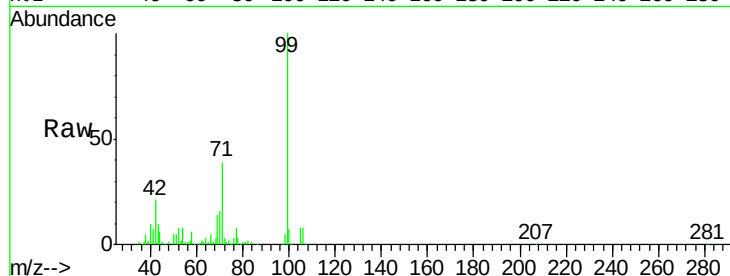
Tgt Ion: 77 Resp: 23183

Ion Ratio Lower Upper

77 100

105 96.8 83.9 123.9

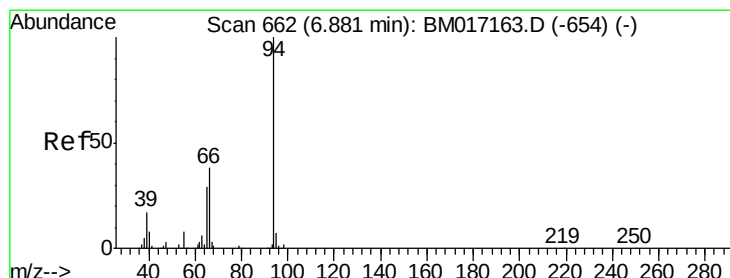
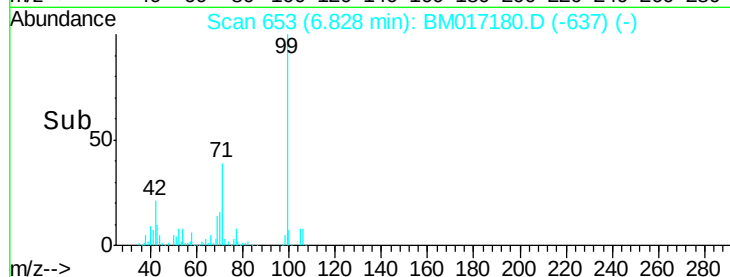
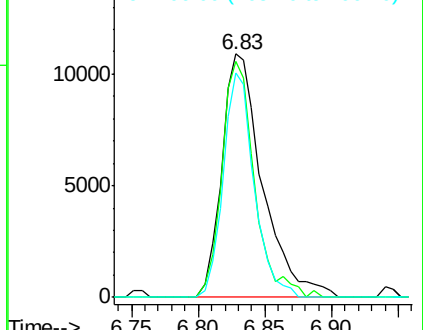
106 92.0 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-646) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-646) (-)

Ion 106.00 (105.70 to 106.70): BM017163.D (-646) (-)



#10

Phenol

Concen: 2.036 ng

RT: 6.88 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

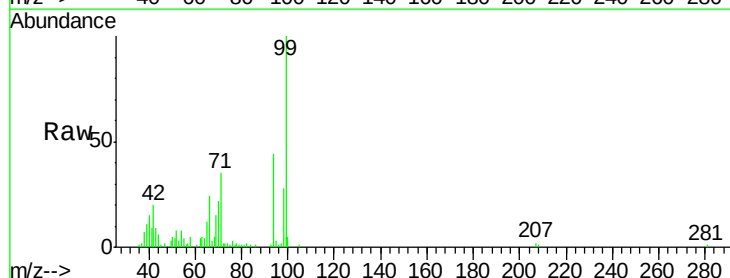
Tgt Ion: 94 Resp: 32451

Ion Ratio Lower Upper

94 100

65 27.2 9.4 49.4

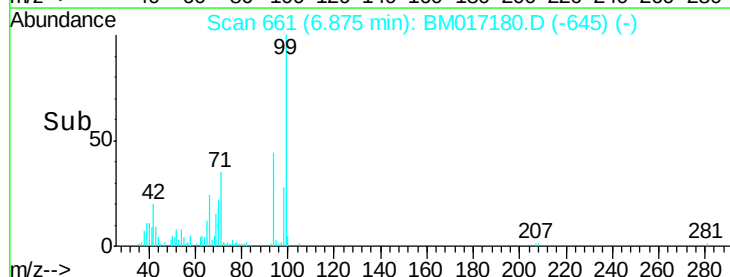
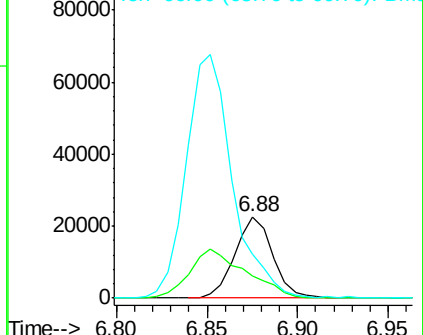
66 54.1 19.0 59.0

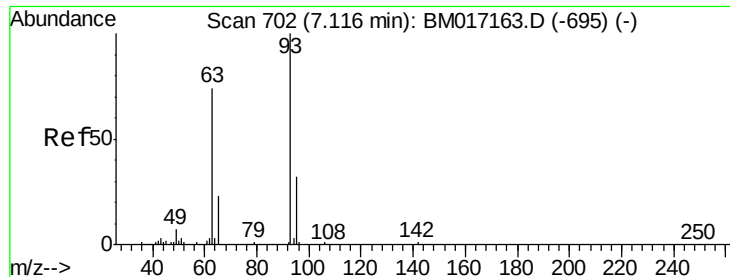


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)

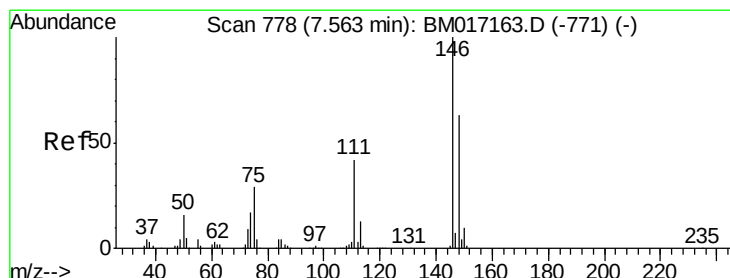
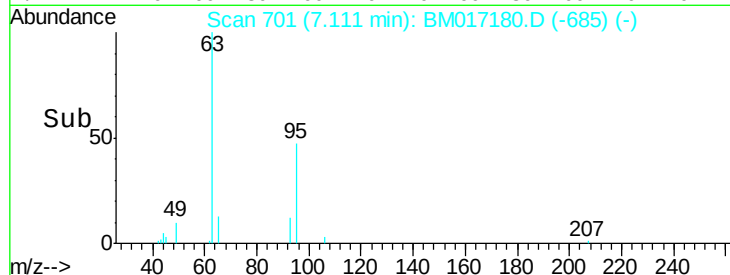
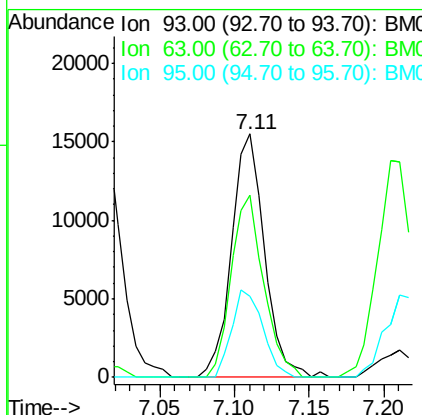
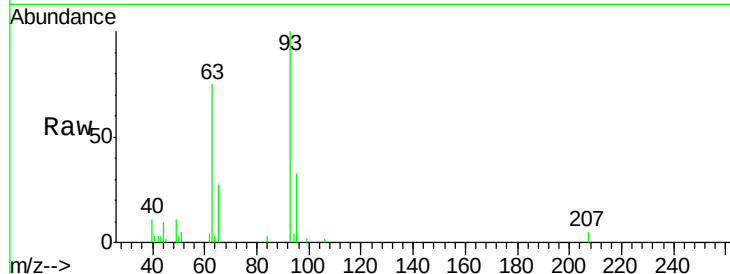




#11
bis(2-Chloroethyl)ether
Concen: 1.890 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

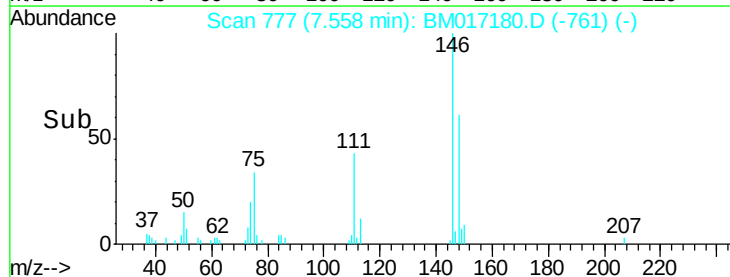
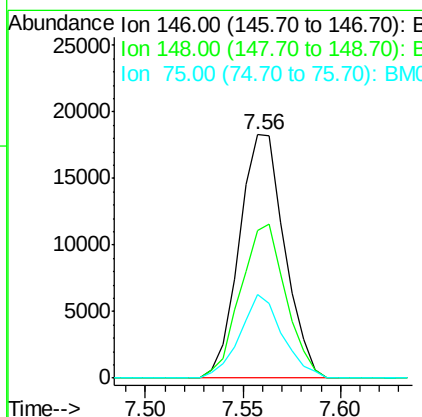
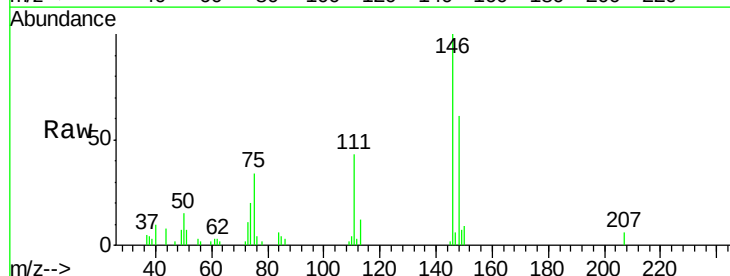
Instrument :
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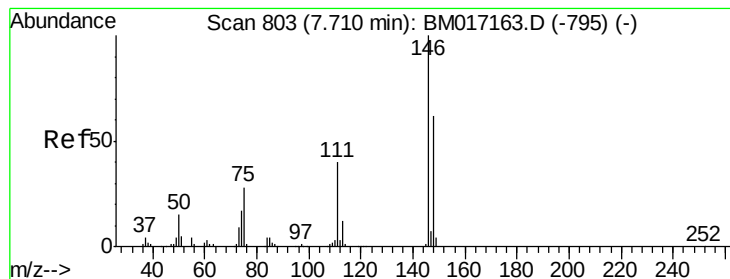
Tgt Ion: 93 Resp: 24014
Ion Ratio Lower Upper
93 100
63 75.0 54.0 94.0
95 33.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 2.000 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion: 146 Resp: 29340
Ion Ratio Lower Upper
146 100
148 60.9 50.2 75.4
75 34.5 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 1.880 ng

RT: 7.71 min Scan# 803

Delta R.T. 0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

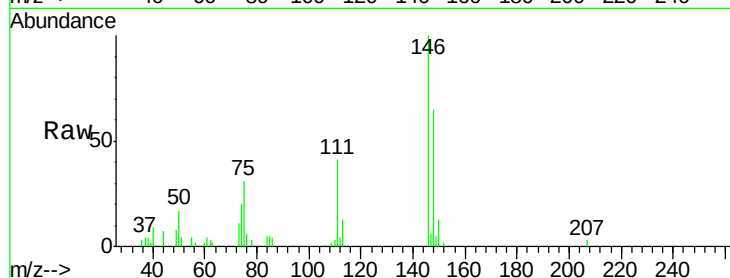
Tgt Ion:146 Resp: 28167

Ion Ratio Lower Upper

146 100

148 65.0 49.8 74.6

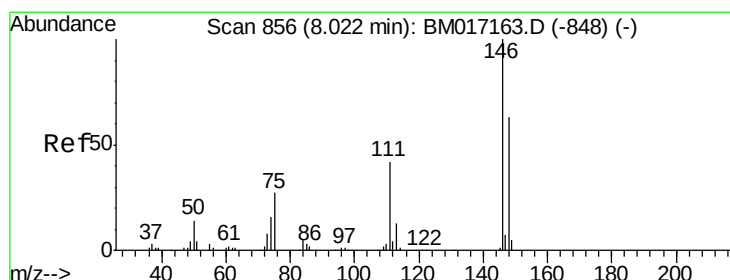
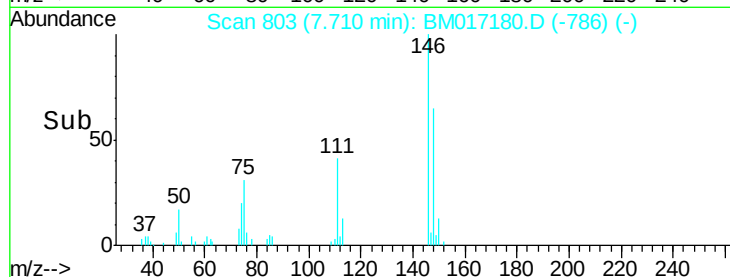
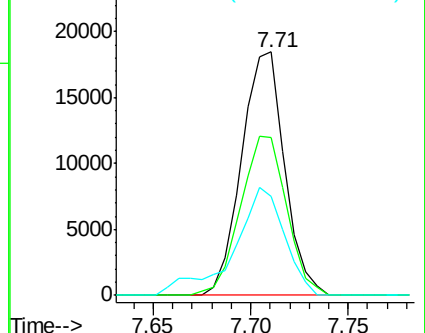
111 40.9 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 1.951 ng

RT: 8.02 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

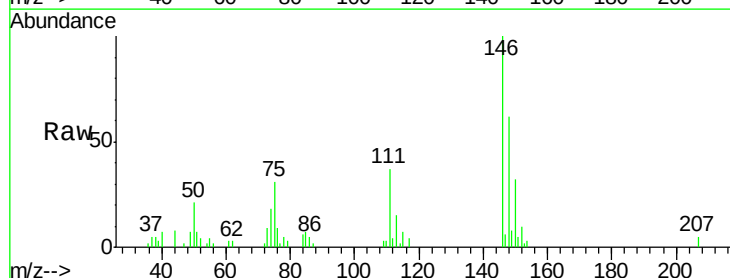
Tgt Ion:146 Resp: 28168

Ion Ratio Lower Upper

146 100

148 62.2 50.8 76.2

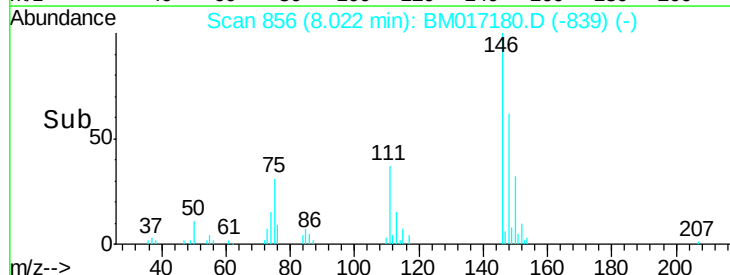
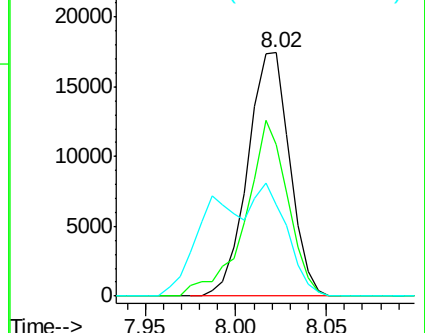
111 37.3 33.8 50.6

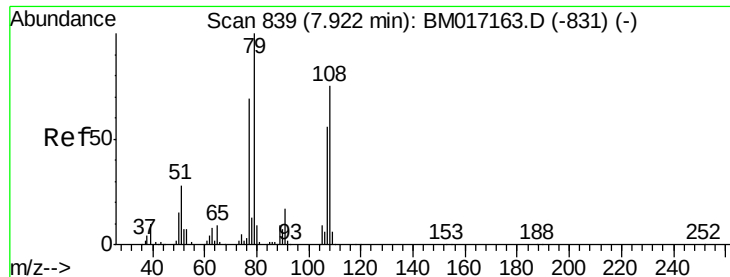


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.775 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

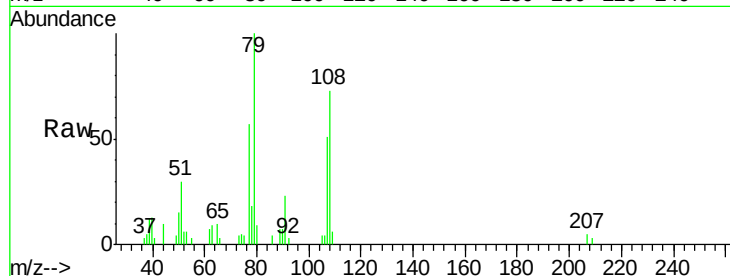
Tgt Ion: 79 Resp: 19218

Ion Ratio Lower Upper

79 100

108 73.3 60.3 90.5

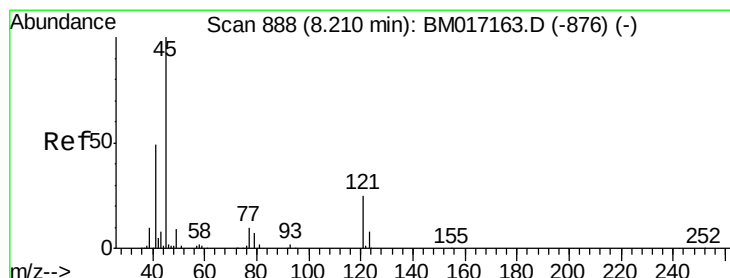
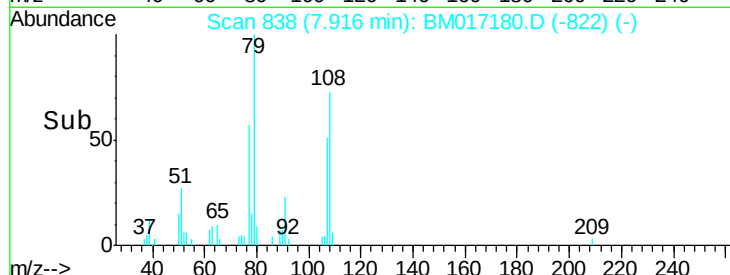
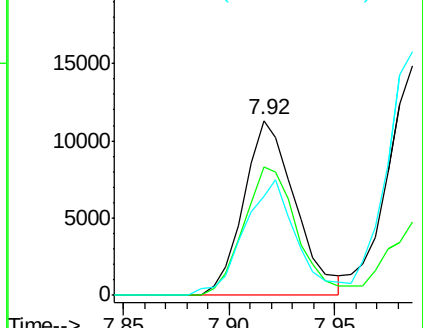
77 56.7 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-831) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 1.809 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

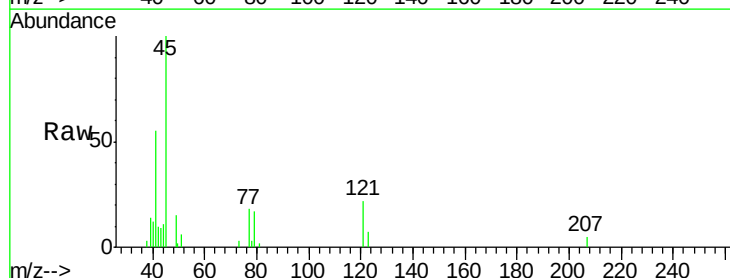
Tgt Ion: 45 Resp: 32116

Ion Ratio Lower Upper

45 100

77 17.6 0.0 35.5

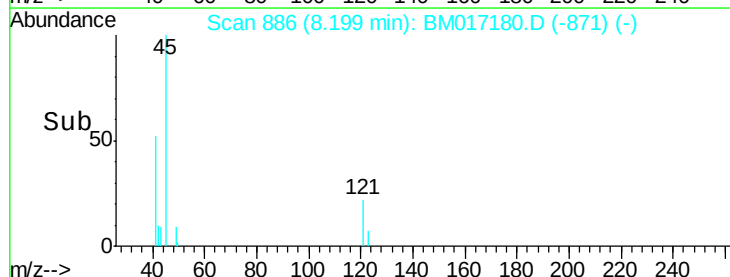
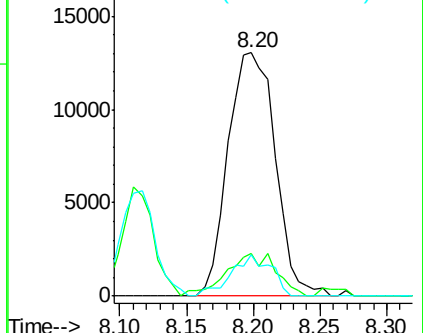
79 17.2 0.0 32.1

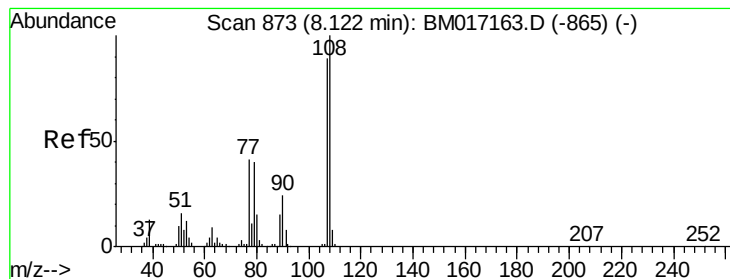


Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017163.D (-876) (-)





#17

2-Methylphenol

Concen: 1.801 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:107 Resp: 18430

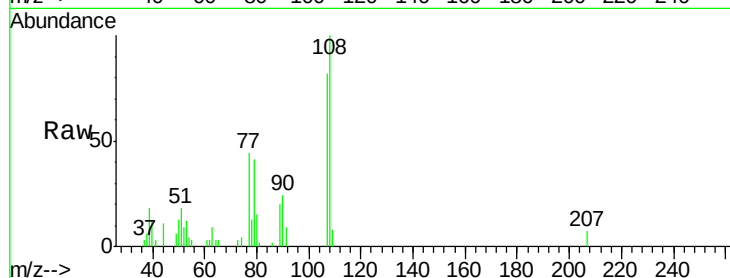
Ion Ratio Lower Upper

107 100

108 122.2 90.3 135.5

77 53.7 37.0 55.4

79 50.1 35.8 53.6

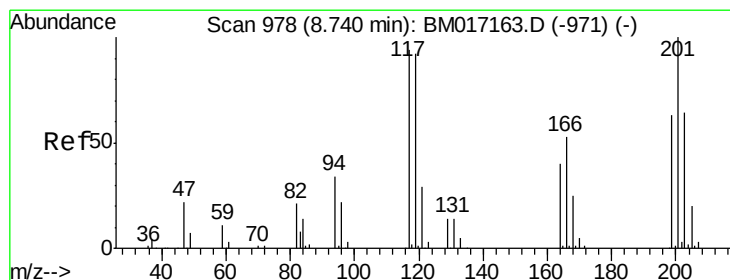
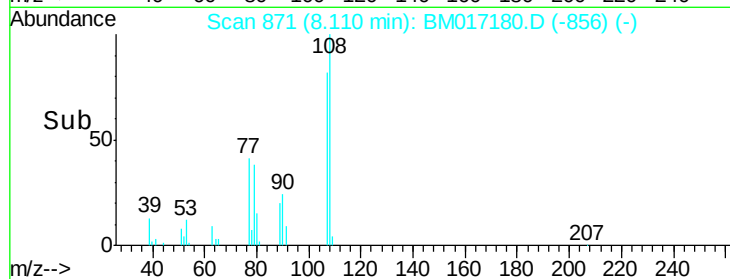
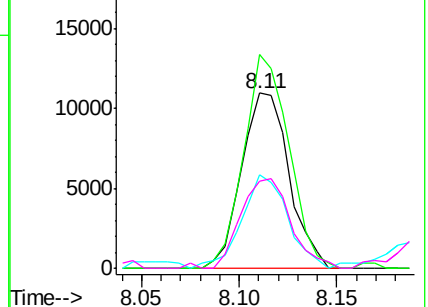


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 2.014 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

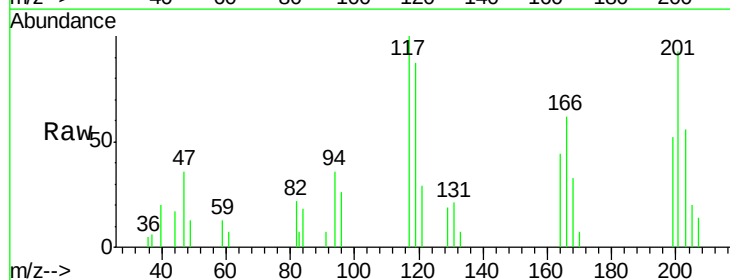
Tgt Ion:117 Resp: 10327

Ion Ratio Lower Upper

117 100

119 87.0 78.2 117.2

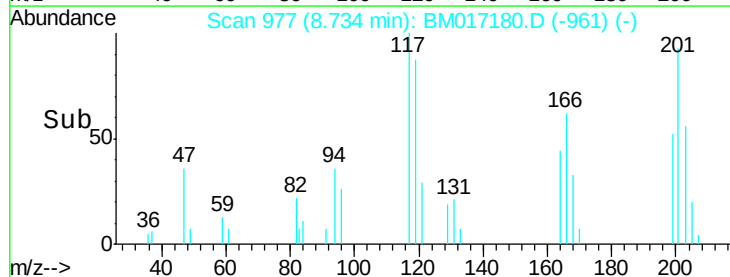
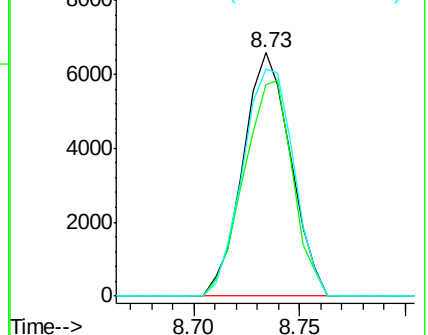
201 93.2 85.3 127.9

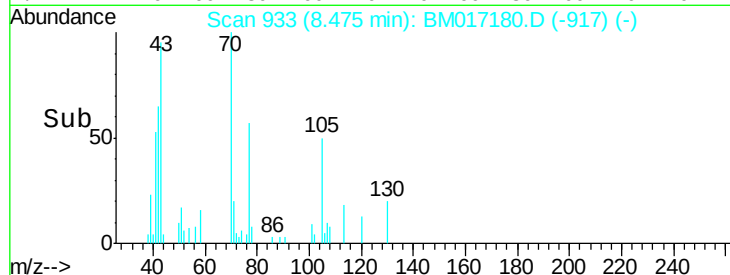
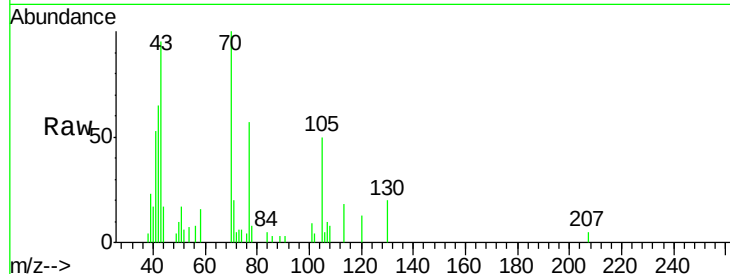
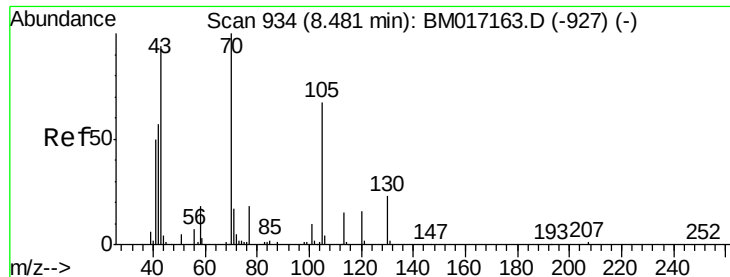


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

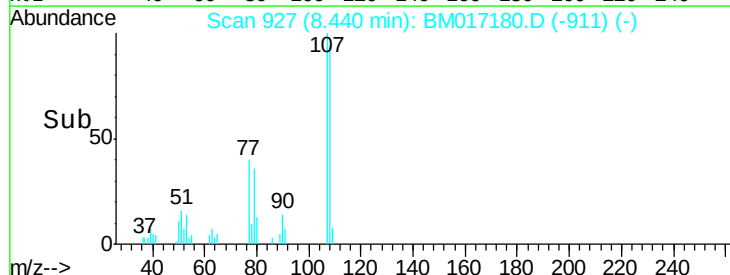
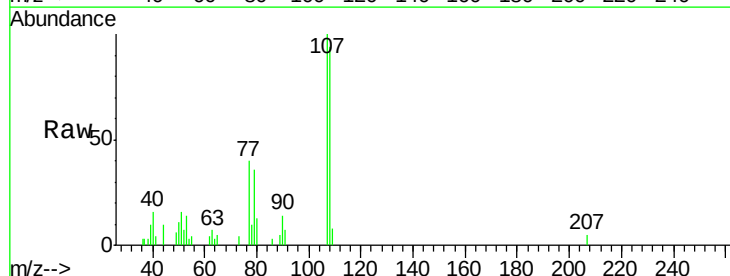
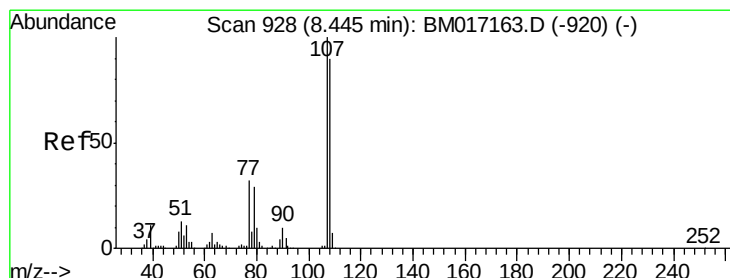
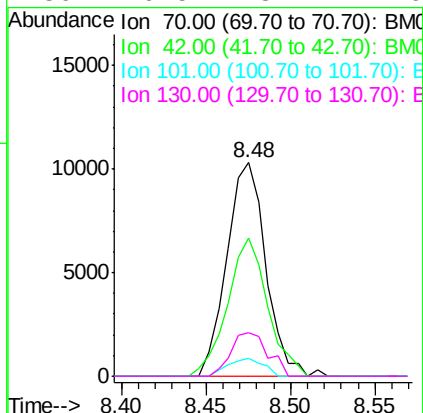




#19
n-Nitroso-di-n-propylamine
Concen: 1.702 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

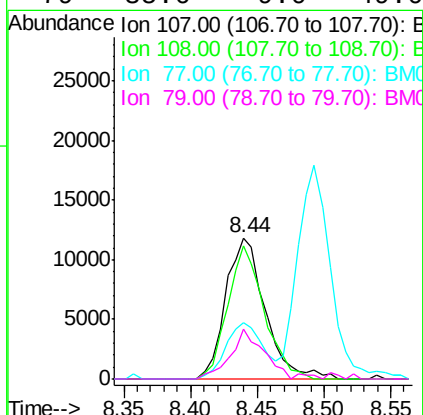
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

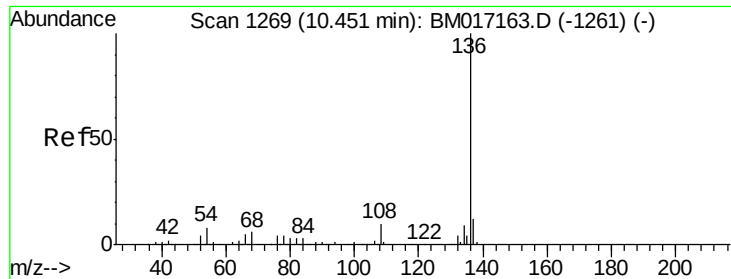
Tgt Ion:	70	Resp:	16597
Ion	Ratio	Lower	Upper
70	100		
42	64.9	46.1	69.1
101	8.6	8.2	12.4
130	20.5	18.4	27.6



#20
3+4-Methylphenols
Concen: 1.739 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion:	107	Resp:	24340
Ion	Ratio	Lower	Upper
107	100		
108	94.2	69.9	109.9
77	40.0	12.2	52.2
79	35.6	9.0	49.0

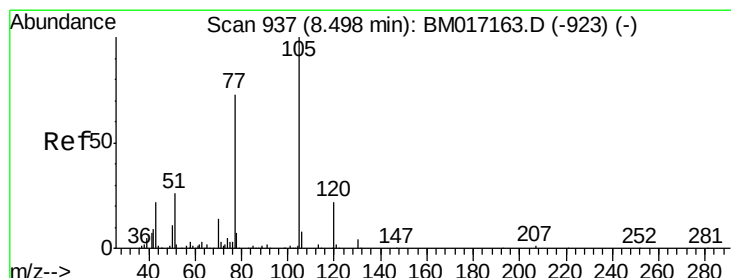
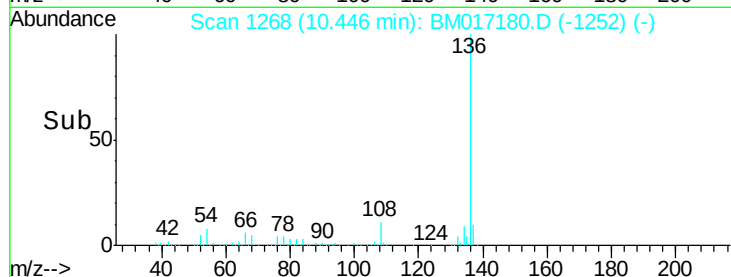
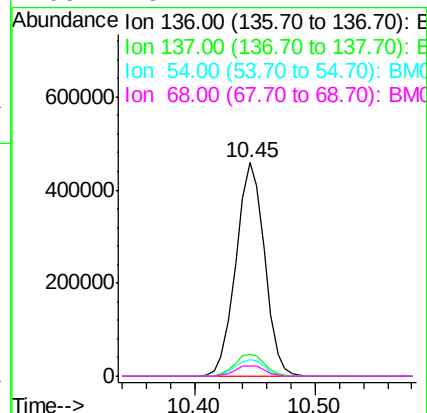
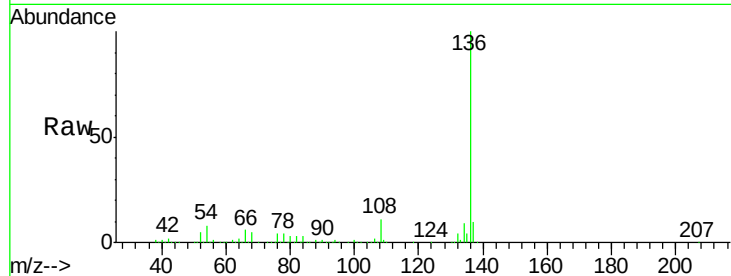




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

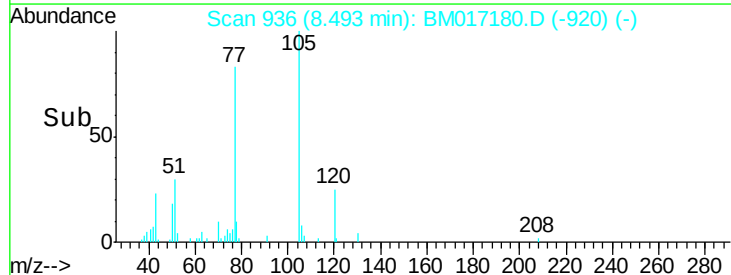
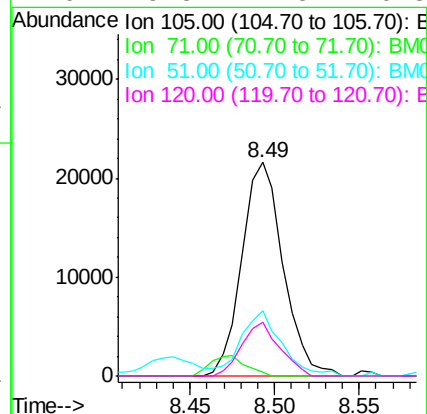
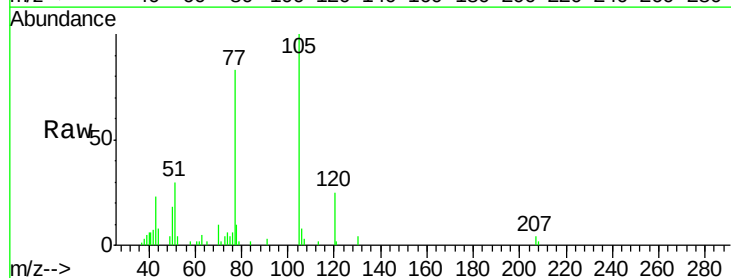
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

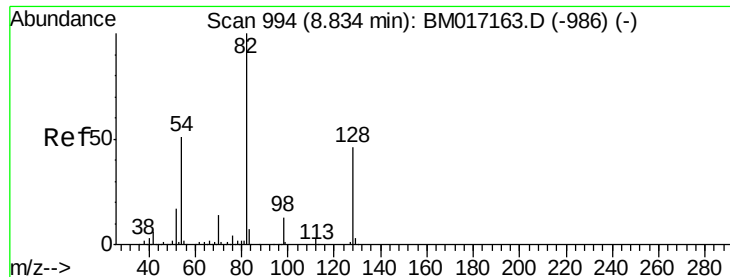
Tgt Ion:	136	Resp:	758211
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	7.6	6.7	10.1
68	5.1	4.7	7.1



#22
Acetophenone
Concen: 1.915 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion:	105	Resp:	36807
Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.0	3.0#
51	30.4	20.6	31.0
120	25.3	17.5	26.3





#23

Nitrobenzene-d5

Concen: 90.427 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

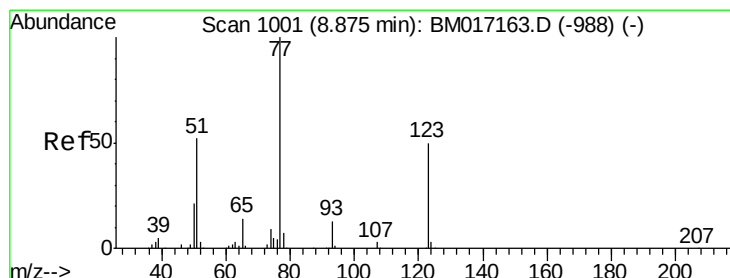
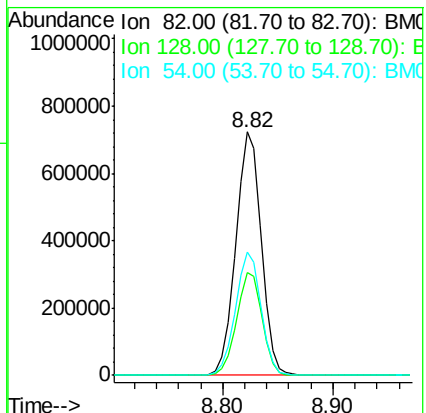
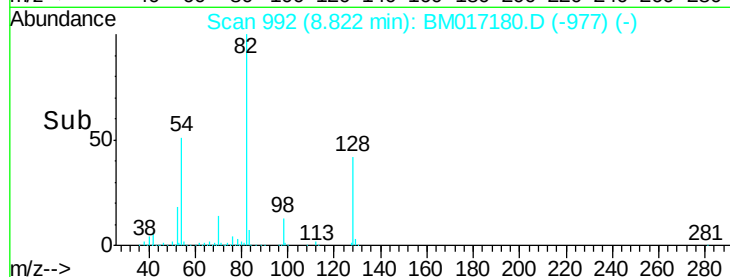
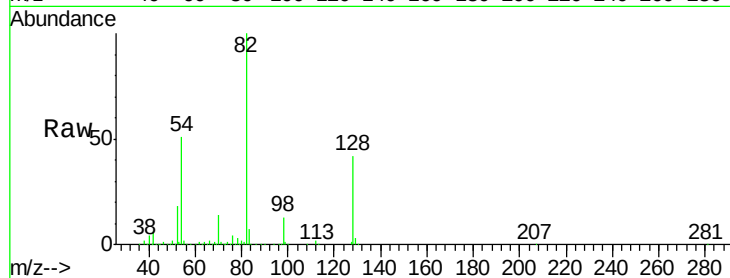
Tgt Ion: 82 Resp: 1172303

Ion Ratio Lower Upper

82 100

128 42.1 37.0 55.6

54 50.6 40.7 61.1



#24

Nitrobenzene

Concen: 2.200 ng

RT: 8.86 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

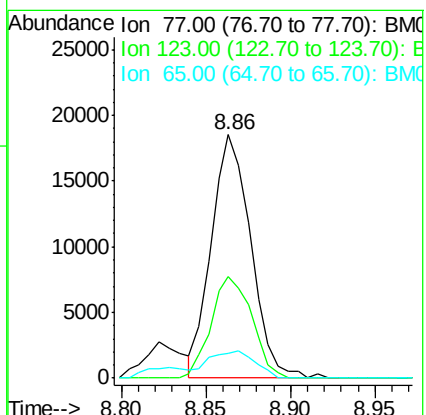
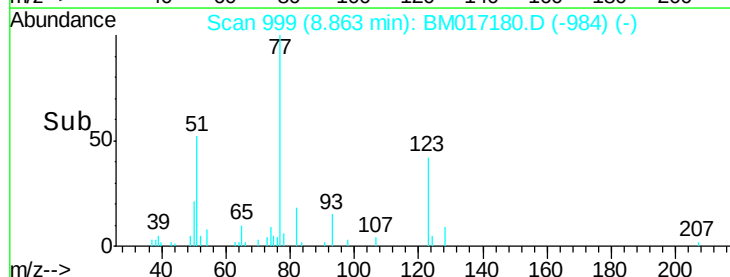
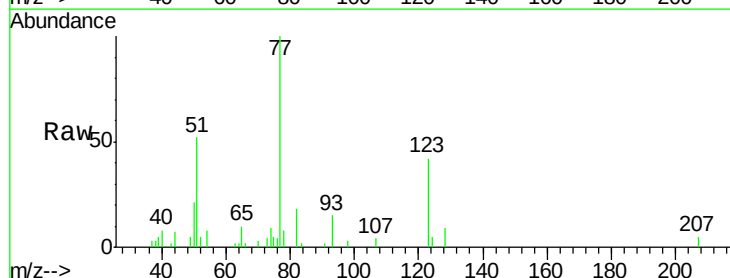
Tgt Ion: 77 Resp: 30174

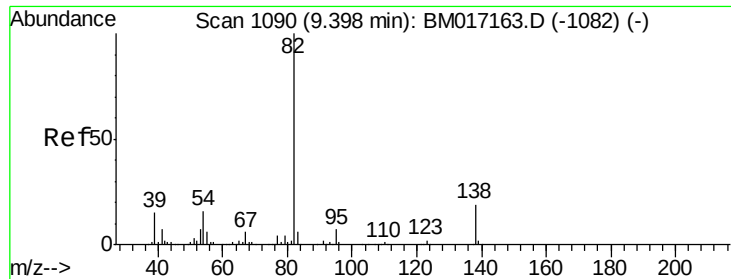
Ion Ratio Lower Upper

77 100

123 41.7 40.2 60.4

65 10.2 11.4 17.0#





#25

Isophorone

Concen: 2.097 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

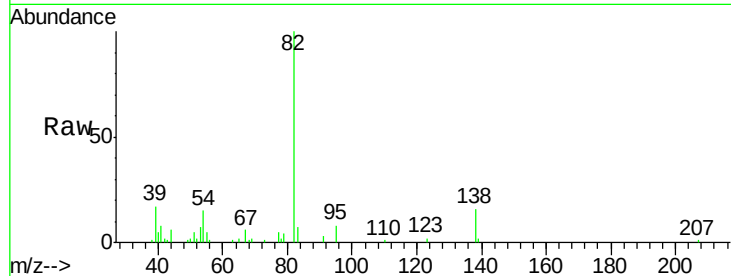
Tgt Ion: 82 Resp: 44891

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

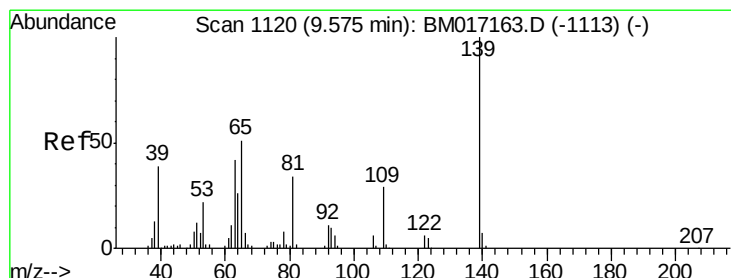
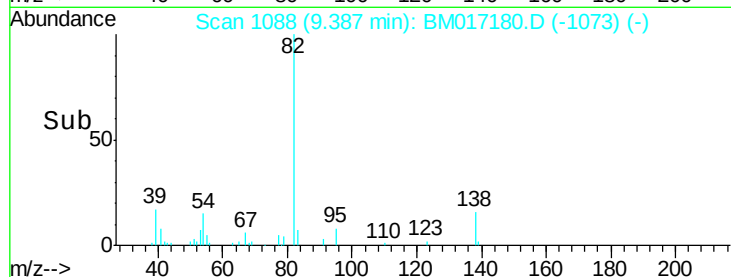
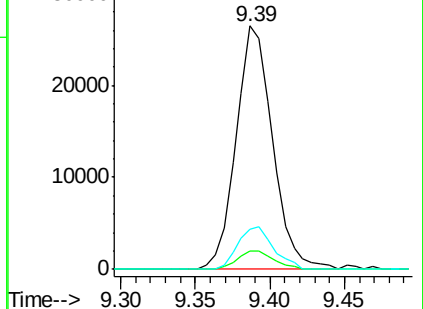
138 16.2 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)



#26

2-Nitrophenol

Concen: 6.936 ng

RT: 9.58 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

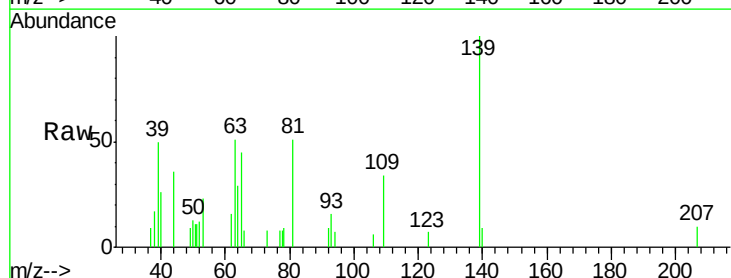
Tgt Ion: 139 Resp: 8977

Ion Ratio Lower Upper

139 100

109 34.3 23.2 34.8

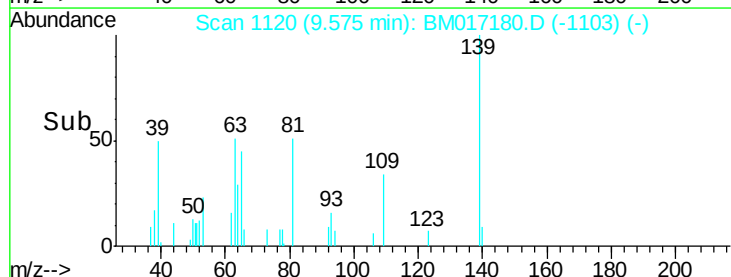
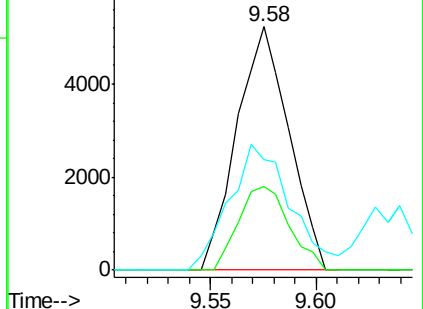
65 45.1 40.6 61.0

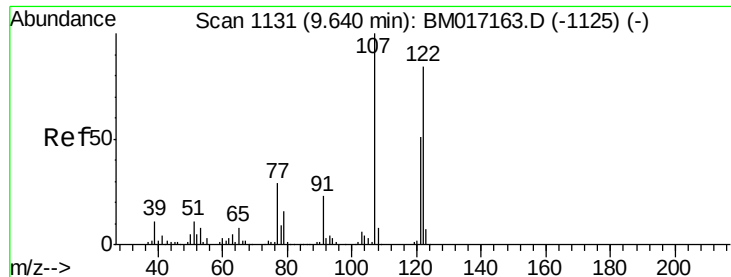


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

Ion 109.00 (108.70 to 109.70): BM017163.D (-1113) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-1113) (-)

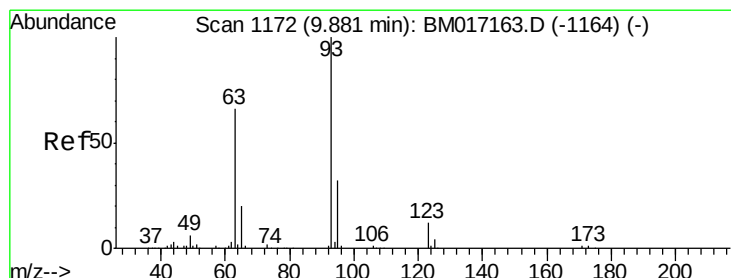
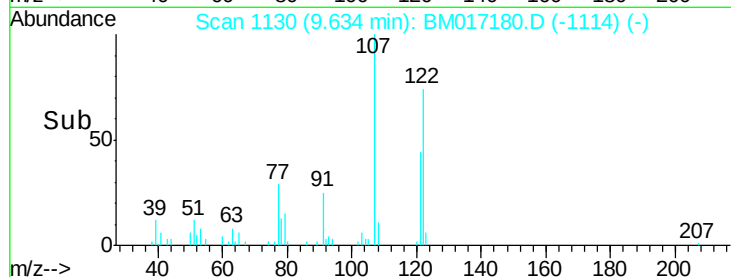
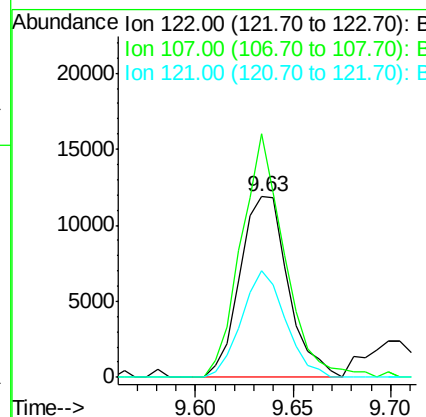
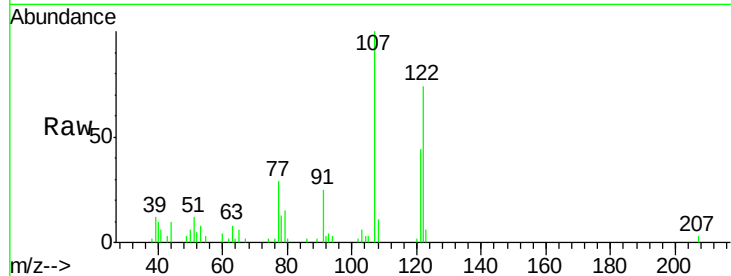




#27
2,4-Dimethylphenol
Concen: 2.149 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

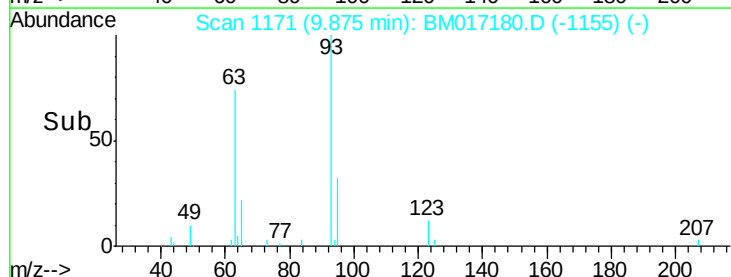
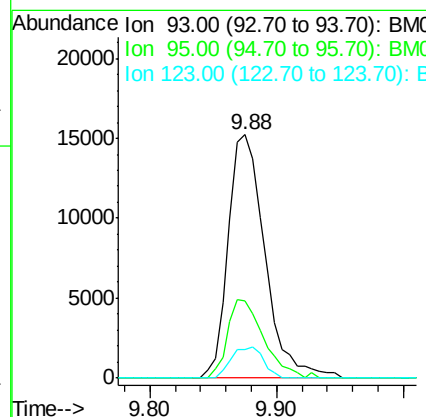
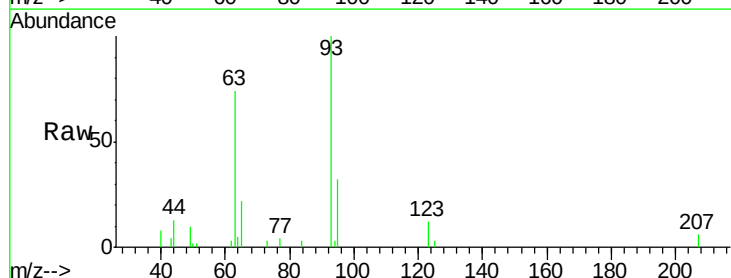
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

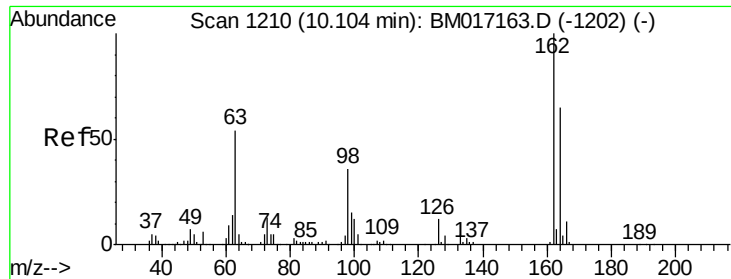
Tgt Ion:122 Resp: 20344
Ion Ratio Lower Upper
122 100
107 135.0 95.0 142.6
121 58.9 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 2.031 ng
RT: 9.88 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion: 93 Resp: 30607
Ion Ratio Lower Upper
93 100
95 31.9 25.7 38.5
123 11.7 9.4 14.0

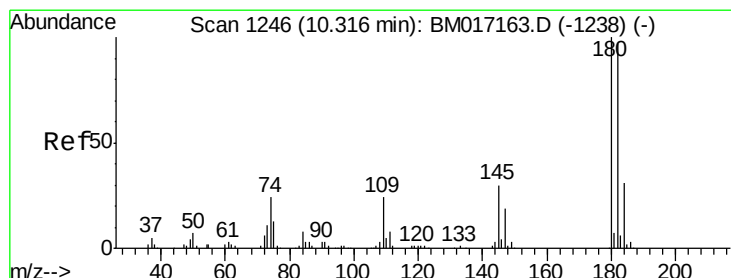
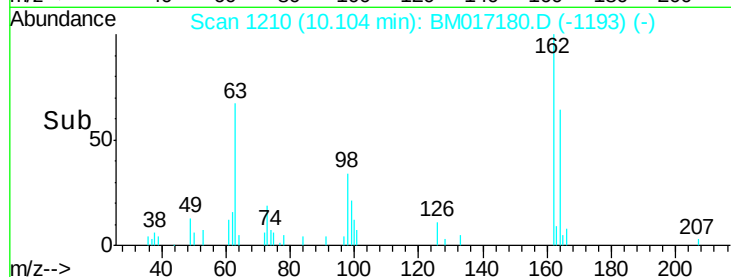
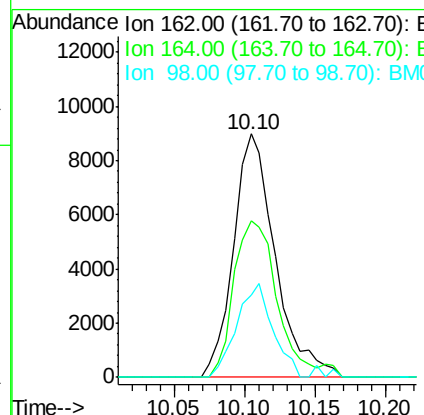
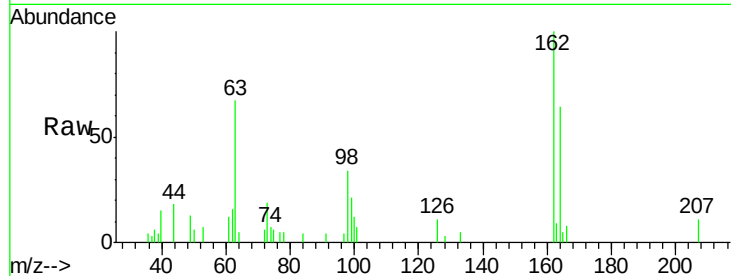




#29
 2,4-Dichlorophenol
 Concen: 1.687 ng
 RT: 10.10 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

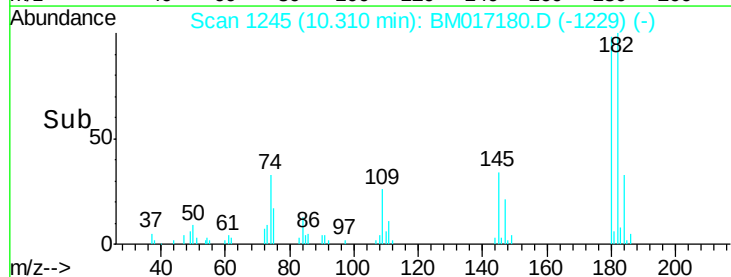
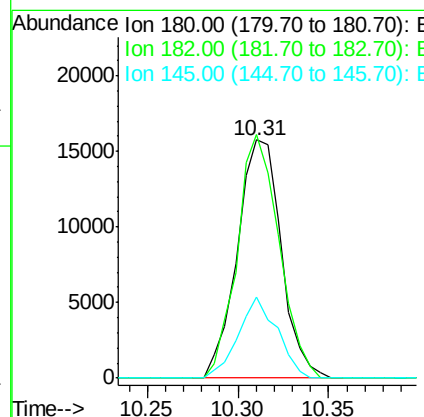
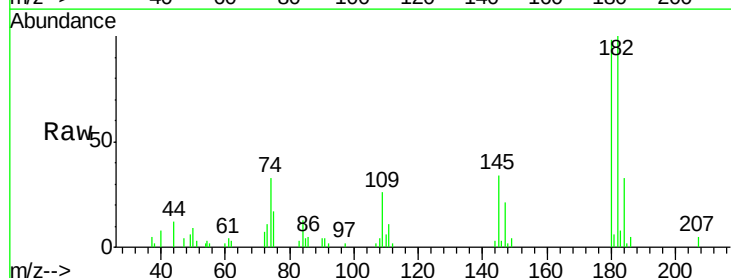
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

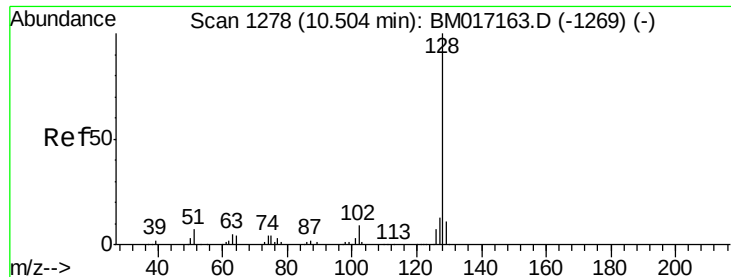
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.9	84.9
98	33.7	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 2.006 ng
 RT: 10.31 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.2	77.5	116.3
145	34.3	24.0	36.0

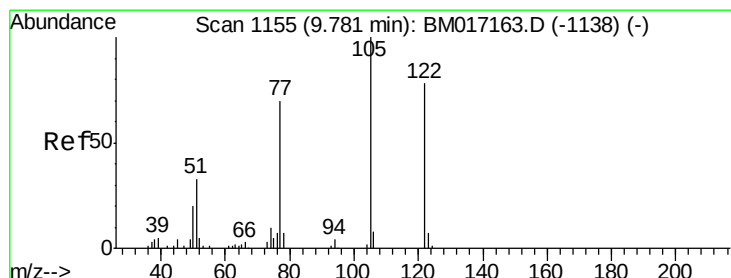
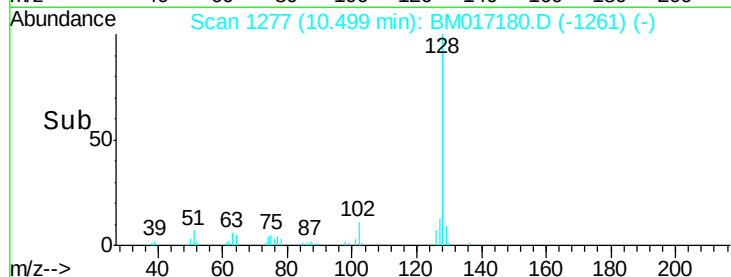
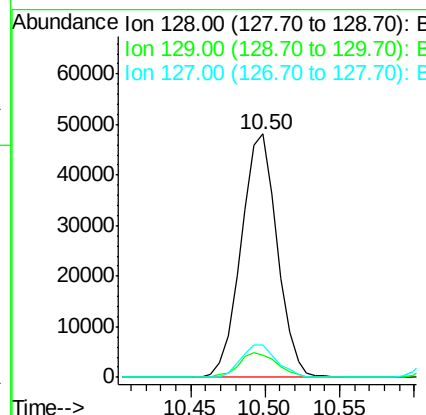
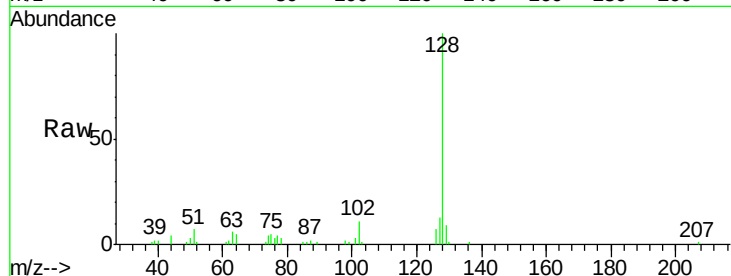




#31
Naphthalene
Concen: 2.171 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

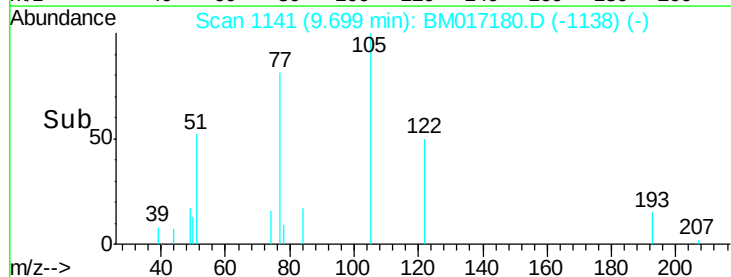
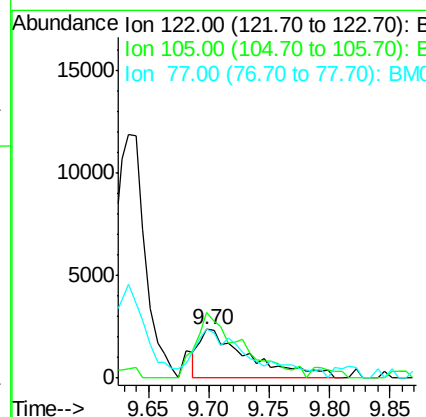
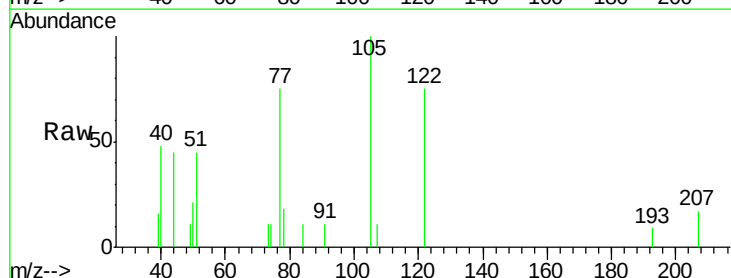
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

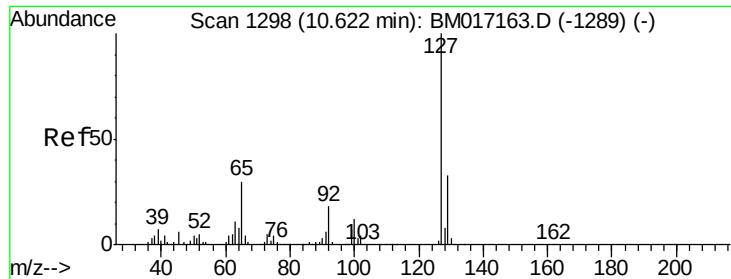
Tgt Ion:128 Resp: 80651
Ion Ratio Lower Upper
128 100
129 9.3 8.5 12.7
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 0.956 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion:122 Resp: 6749
Ion Ratio Lower Upper
122 100
105 133.2 102.0 142.0
77 99.4 67.7 107.7

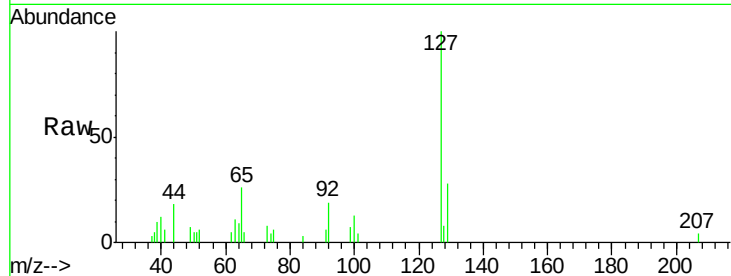




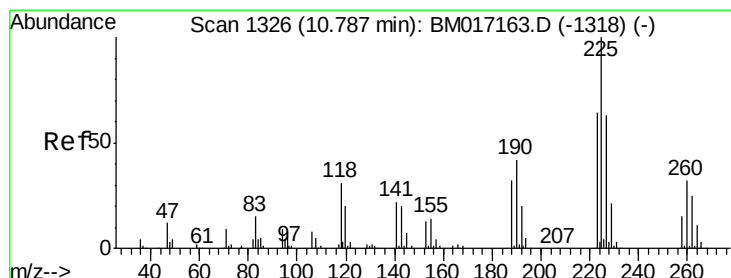
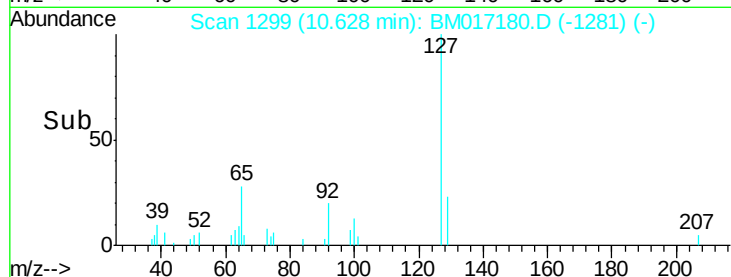
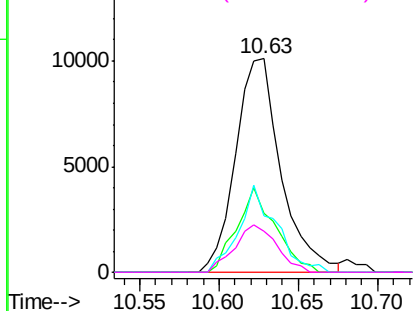
#33
4-Chloroaniline
Concen: 1.254 ng
RT: 10.63 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:	127	Resp:	20122
Ion	Ratio	Lower	Upper
127	100		
129	27.8	26.2	39.4
65	26.3	23.7	35.5
92	19.1	14.3	21.5

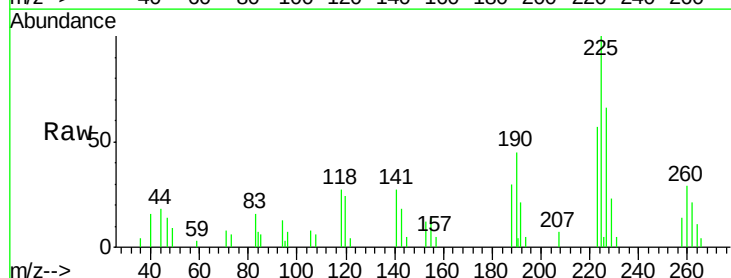


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

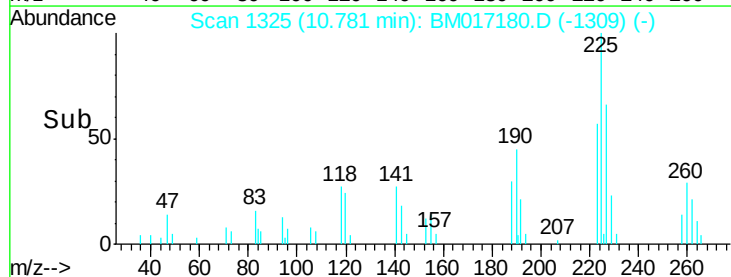
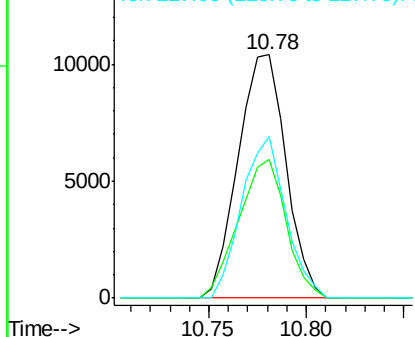


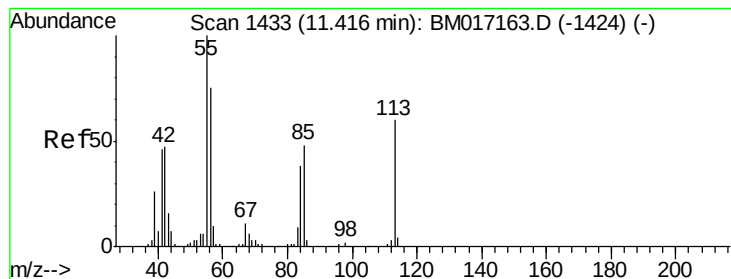
#34
Hexachlorobutadiene
Concen: 2.116 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion:	225	Resp:	17678
Ion	Ratio	Lower	Upper
225	100		
223	57.0	51.0	76.6
227	66.5	50.8	76.2



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: 1.205 ng

RT: 11.40 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BM017180.D

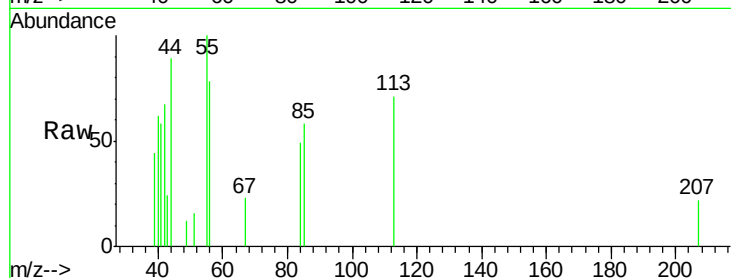
Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018



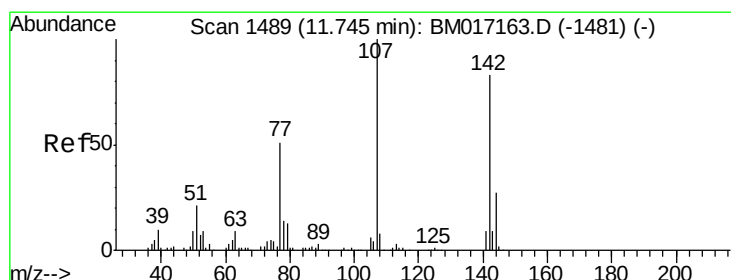
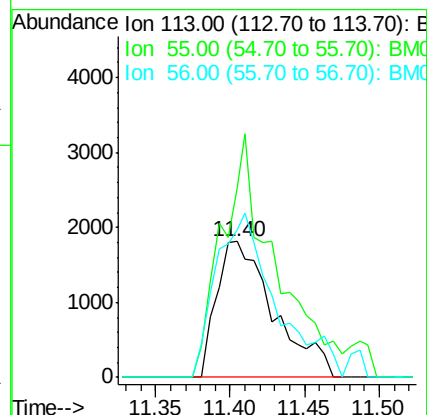
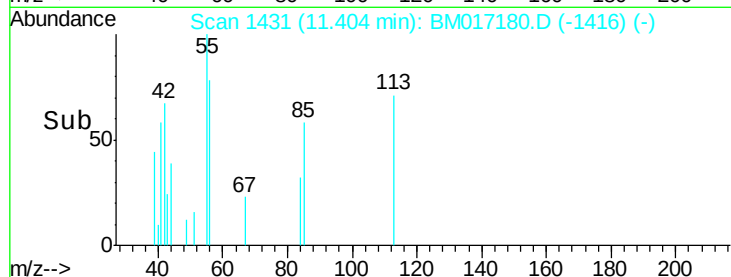
Tgt Ion:113 Resp: 4827

Ion Ratio Lower Upper

113 100

55 140.1 147.0 187.0#

56 108.9 104.5 144.5



#36

4-Chloro-3-methylphenol

Concen: 1.668 ng

RT: 11.75 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

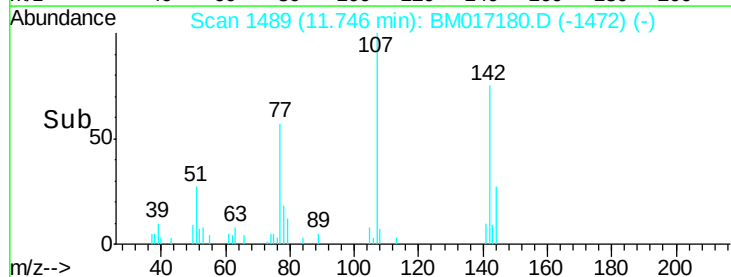
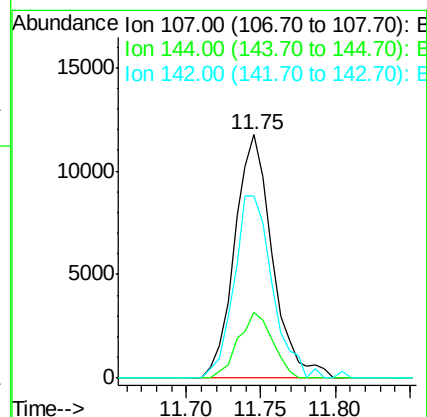
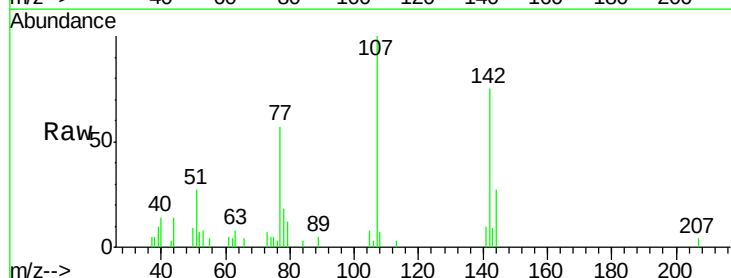
Tgt Ion:107 Resp: 20665

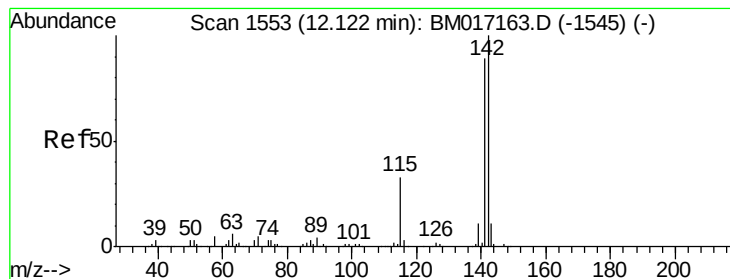
Ion Ratio Lower Upper

107 100

144 27.2 21.6 32.4

142 75.1 66.0 99.0





#37

2-Methylnaphthalene

Concen: 2.224 ng

RT: 12.12 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

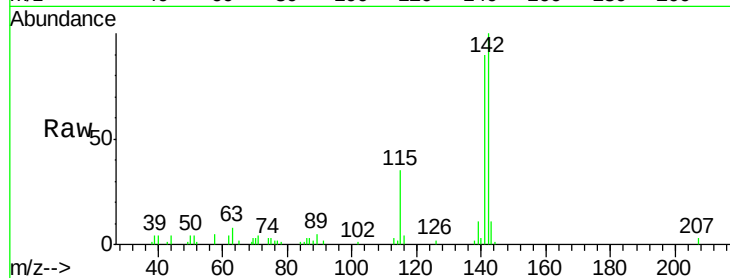
Tgt Ion:142 Resp: 56548

Ion Ratio Lower Upper

142 100

141 89.8 70.9 106.3

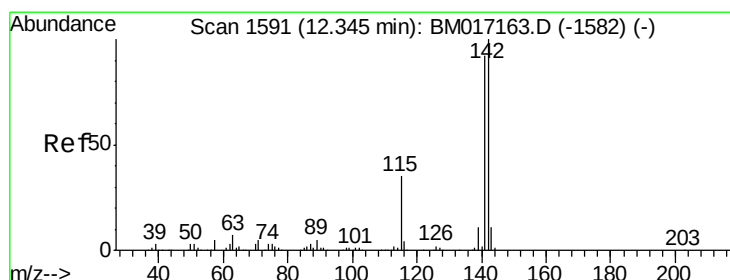
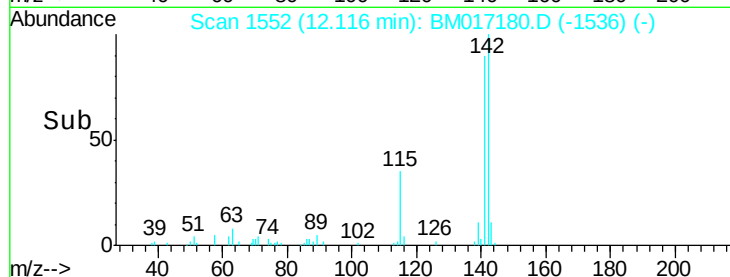
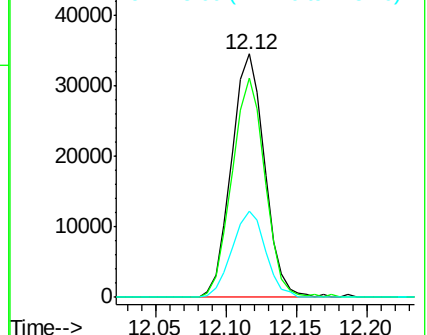
115 35.4 26.4 39.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.245 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

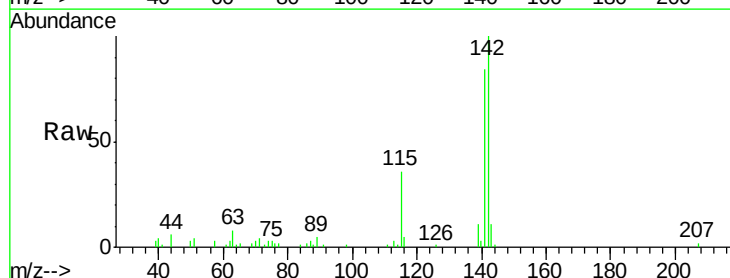
Tgt Ion:142 Resp: 55551

Ion Ratio Lower Upper

142 100

141 84.2 73.8 110.6

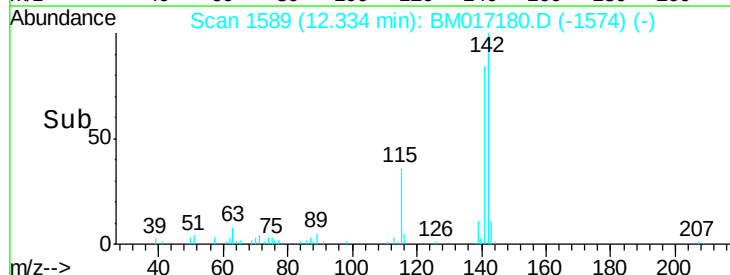
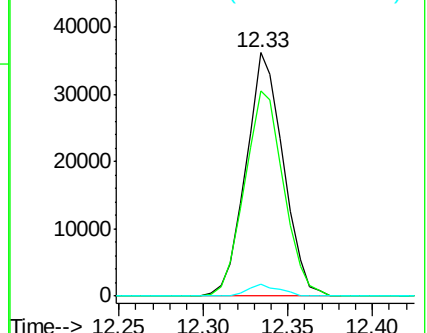
116 4.7 2.9 4.3#

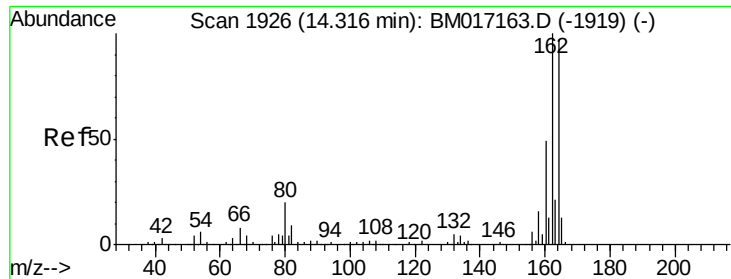


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

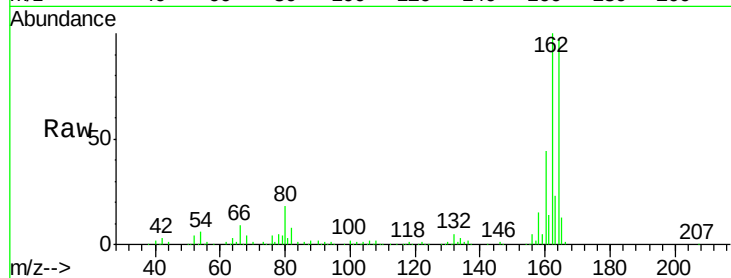
Tgt Ion:164 Resp: 435694

Ion Ratio Lower Upper

164 100

162 102.6 82.1 123.1

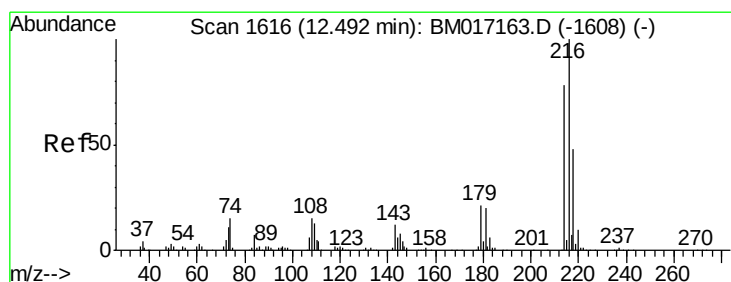
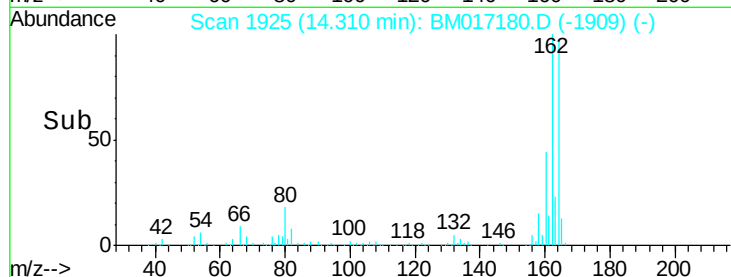
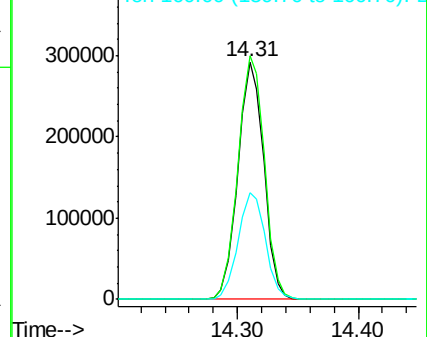
160 44.7 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 1.940 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Tgt Ion:216 Resp: 29765

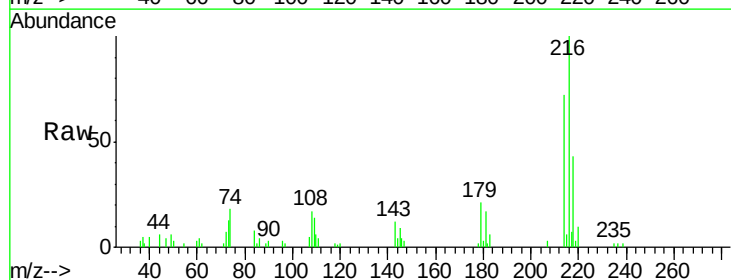
Ion Ratio Lower Upper

216 100

214 78.9 62.6 93.8

179 20.9 16.6 24.8

108 19.4 13.5 20.3

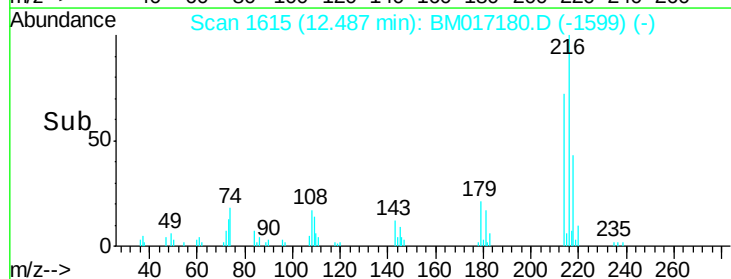
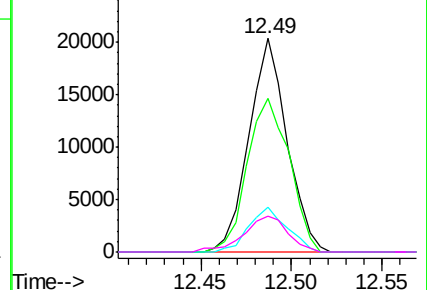


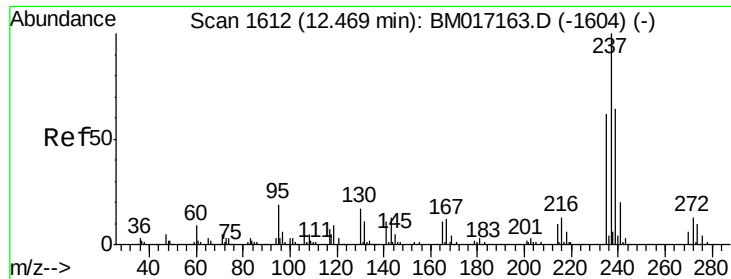
Abundance Ion 216.00 (215.70 to 216.70): E

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

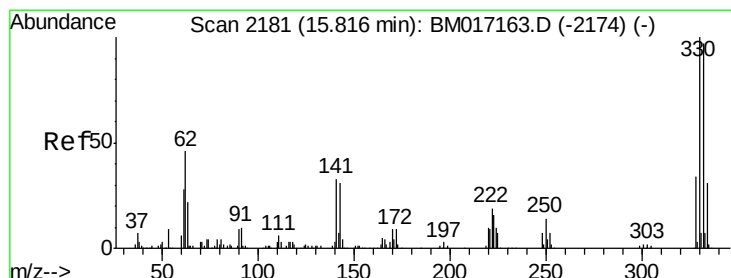
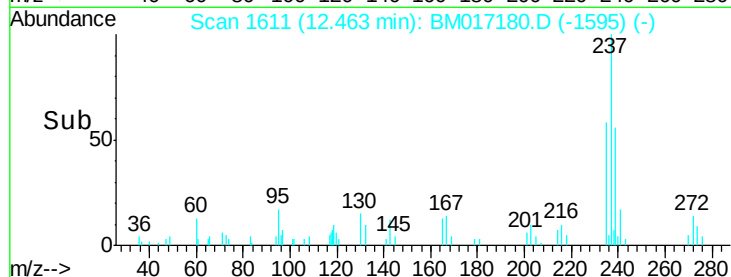
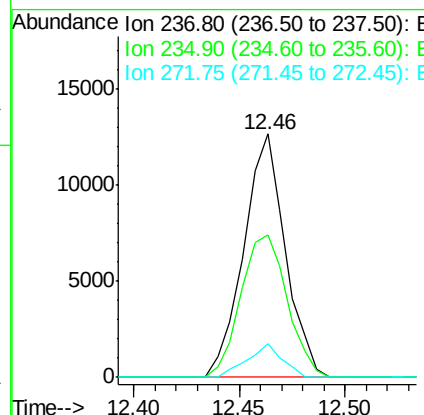
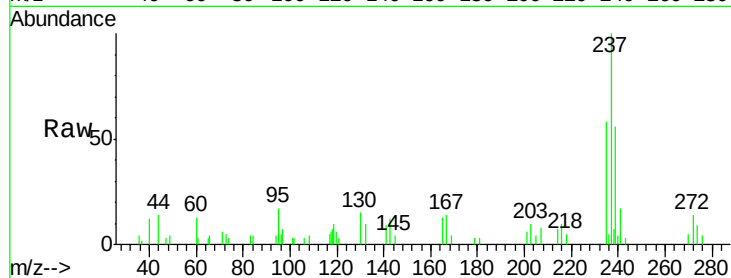




#41
Hexachlorocyclopentadiene
Concen: 2.323 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

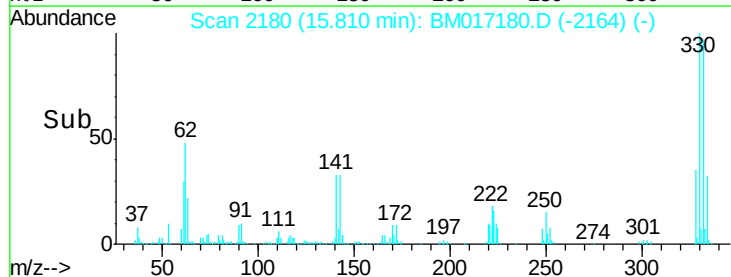
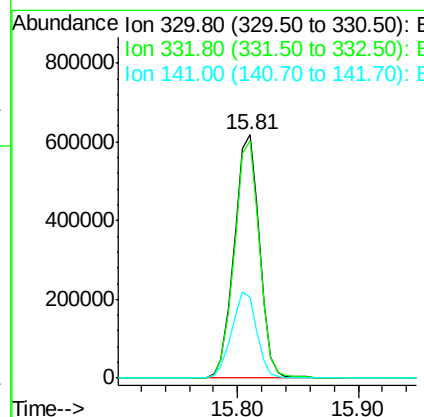
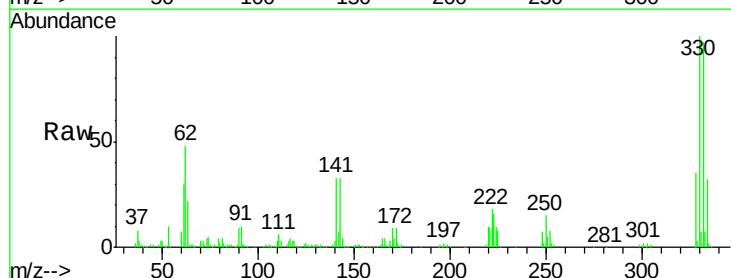
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

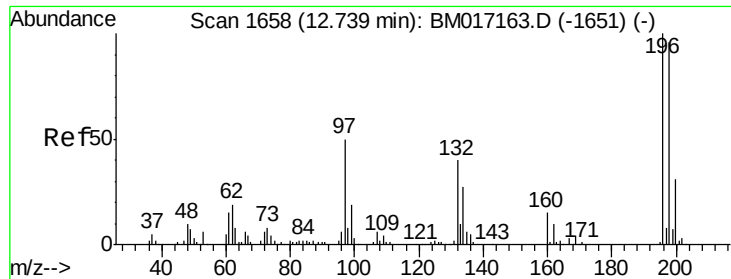
Tgt Ion: 237 Resp: 17229
Ion Ratio Lower Upper
237 100
235 58.3 42.4 82.4
272 14.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 152.541 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion: 330 Resp: 898788
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 35.4 27.4 41.0

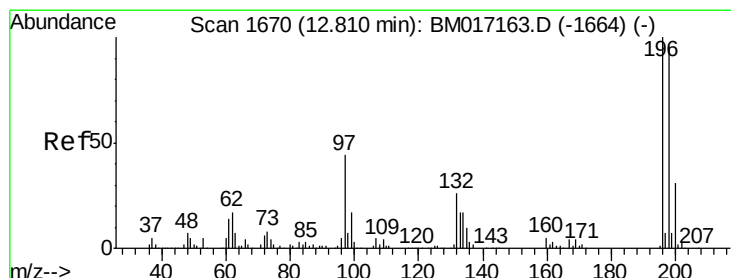
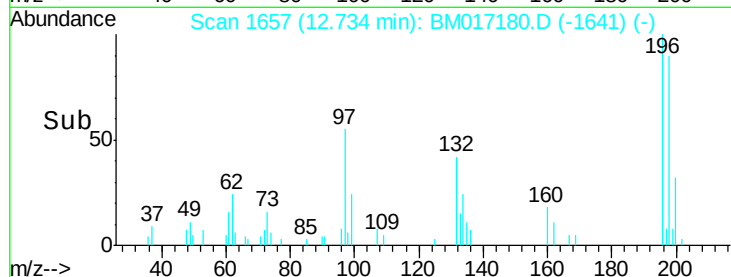
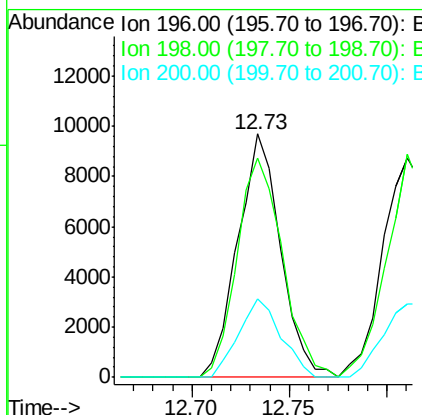
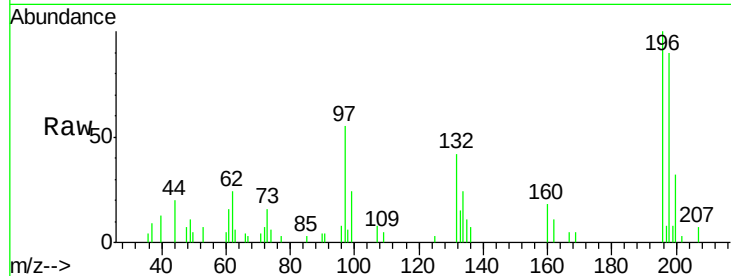




#43
 2,4,6-Trichlorophenol
 Concen: 1.653 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

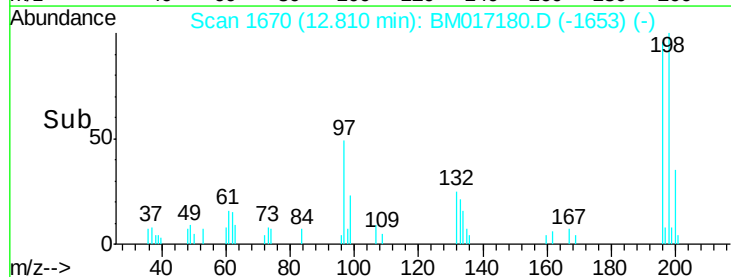
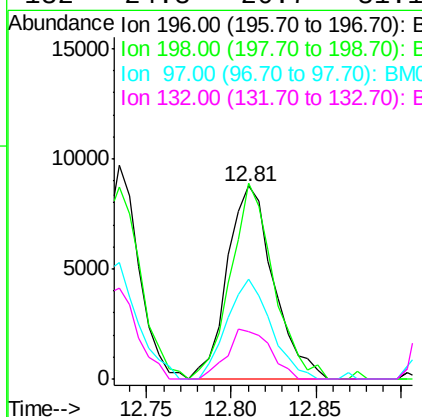
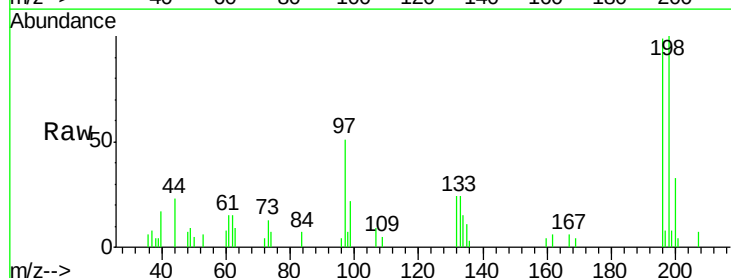
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

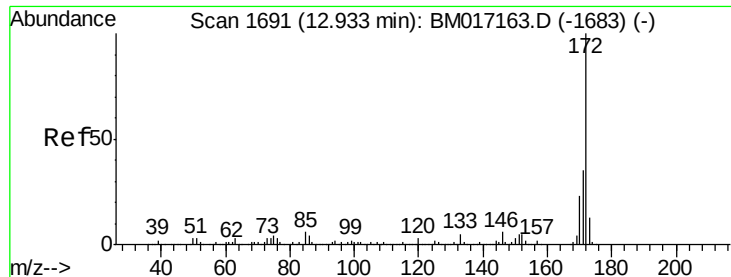
Tgt Ion:196 Resp: 14724
 Ion Ratio Lower Upper
 196 100
 198 90.1 77.1 115.7
 200 32.2 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 1.748 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

Tgt Ion:196 Resp: 16700
 Ion Ratio Lower Upper
 196 100
 198 101.5 76.6 115.0
 97 52.1 35.5 53.3
 132 24.3 20.7 31.1

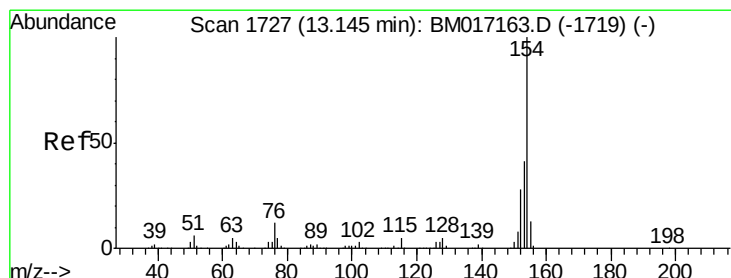
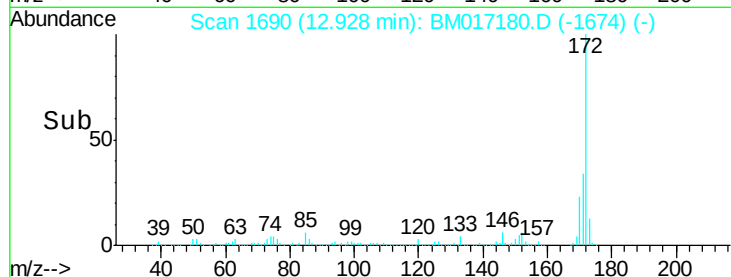
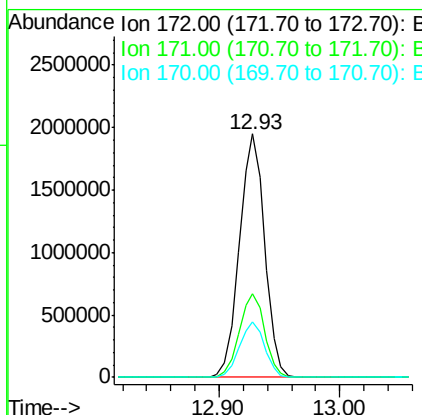
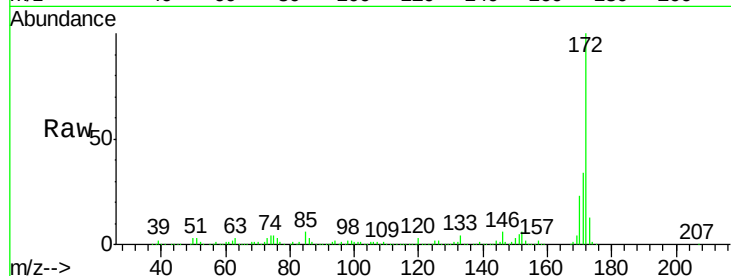




#45
2-Fluorobiphenyl
Concen: 86.648 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

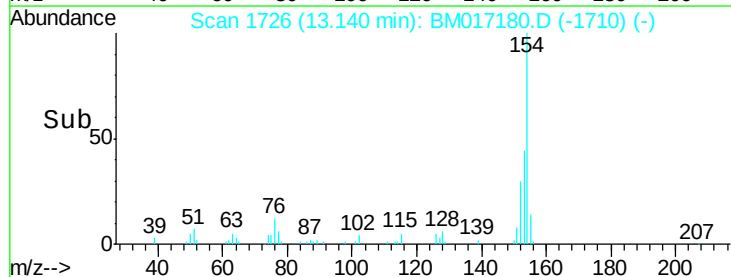
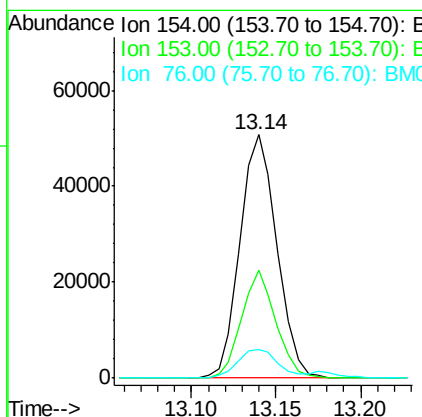
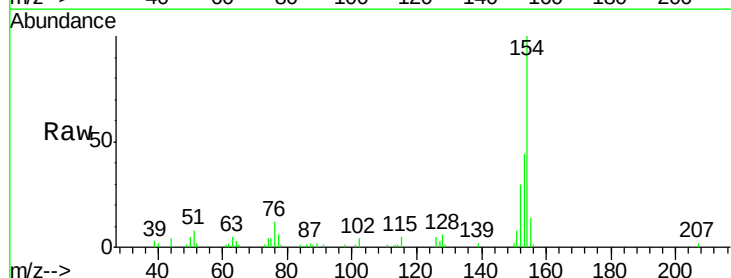
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

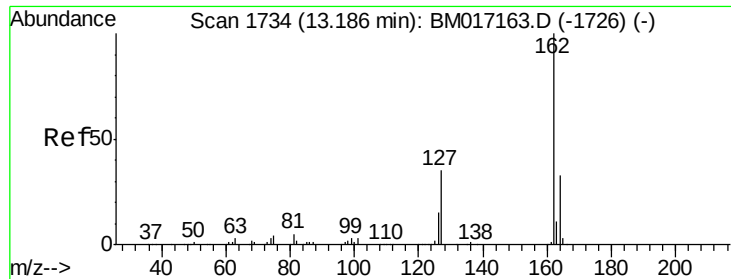
Tgt Ion:172 Resp: 2837327
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.8 18.3 27.5



#46
1,1'-Biphenyl
Concen: 1.966 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion:154 Resp: 77087
Ion Ratio Lower Upper
154 100
153 44.2 20.5 60.5
76 11.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 2.004 ng

RT: 13.18 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

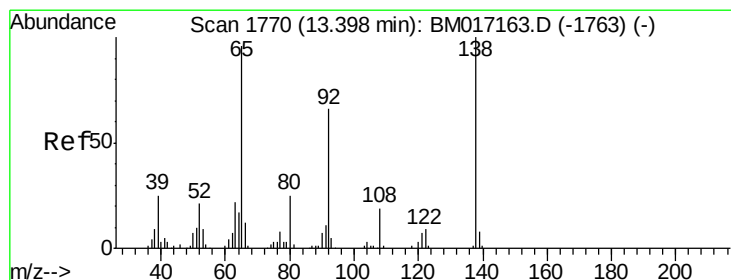
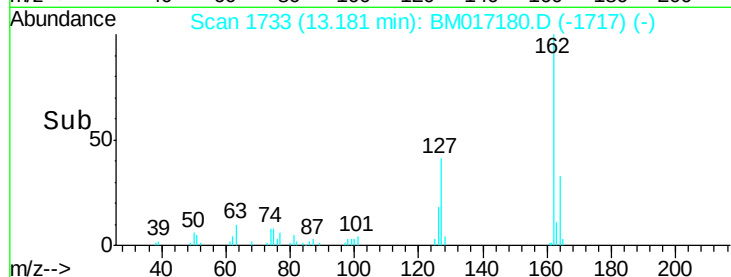
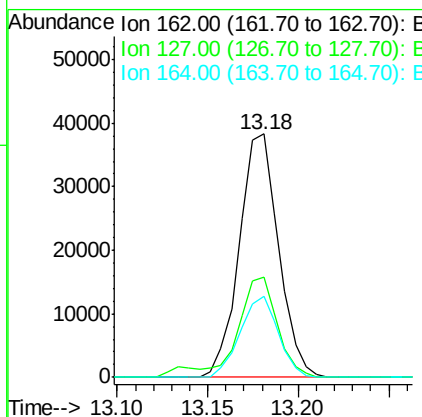
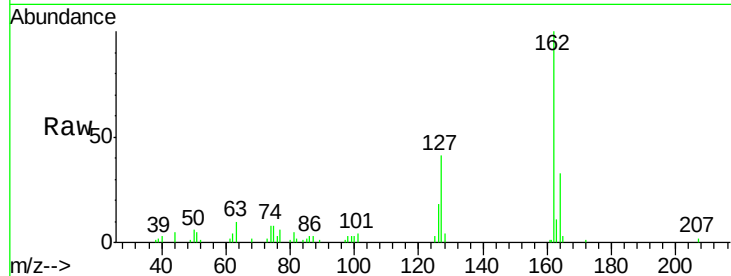
Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	162	Resp:	57797
Ion	Ratio	Lower	Upper
162	100		
127	41.1	31.0	46.4
164	33.3	26.6	39.8



#48

2-Nitroaniline

Concen: 6.915 ng

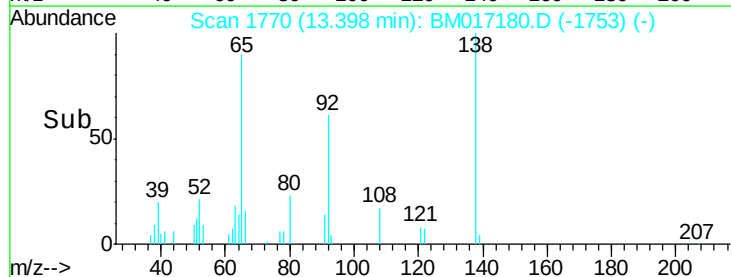
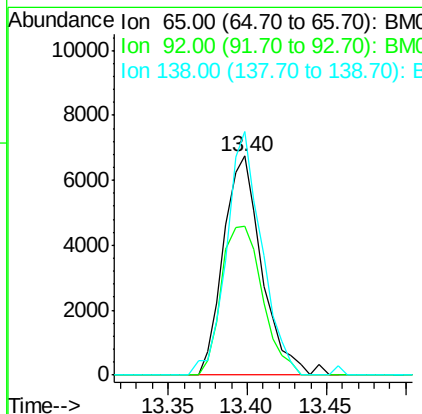
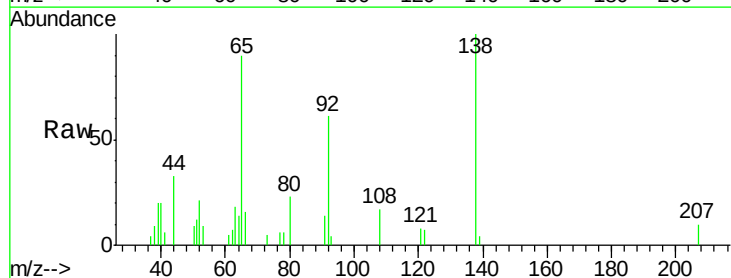
RT: 13.40 min Scan# 1770

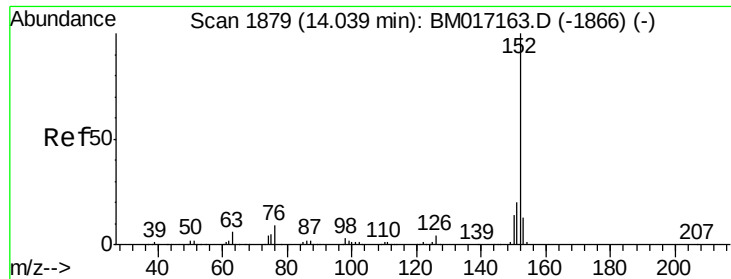
Delta R.T. 0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Tgt Ion:	65	Resp:	11348
Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.9	82.3
138	111.3	83.7	125.5





#49

Acenaphthylene

Concen: 1.967 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

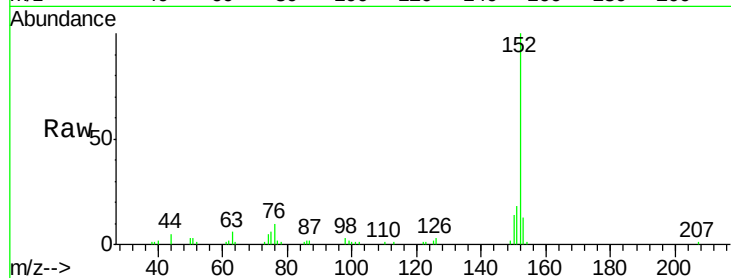
Tgt Ion:152 Resp: 82254

Ion Ratio Lower Upper

152 100

151 18.4 16.0 24.0

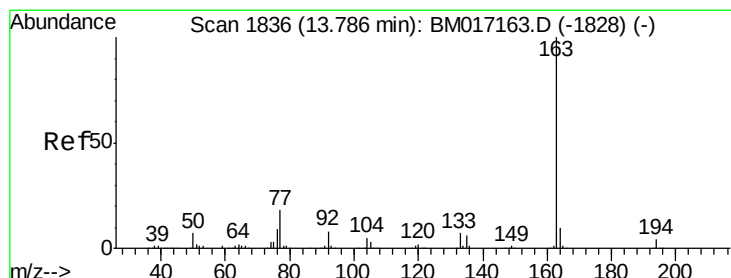
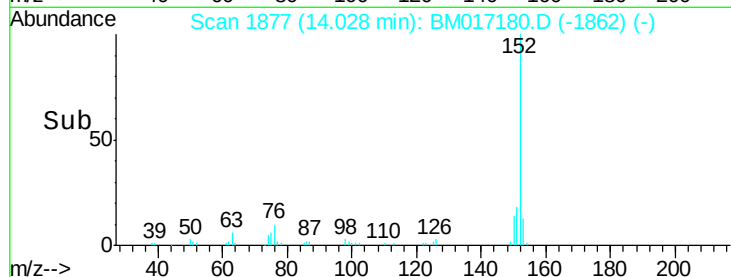
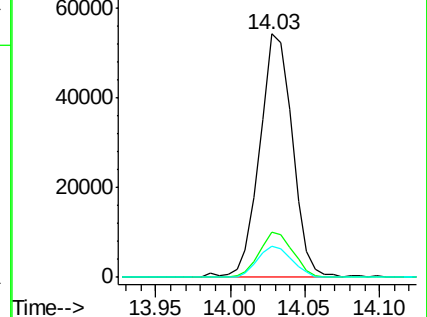
153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.068 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

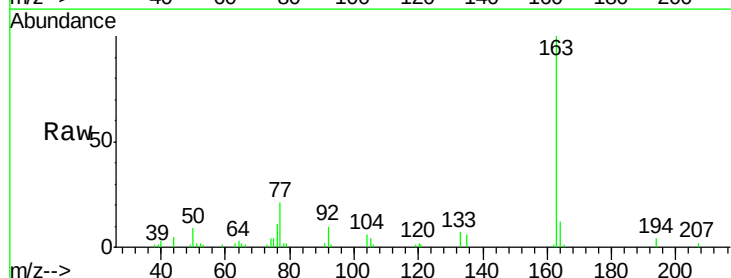
Tgt Ion:163 Resp: 69530

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

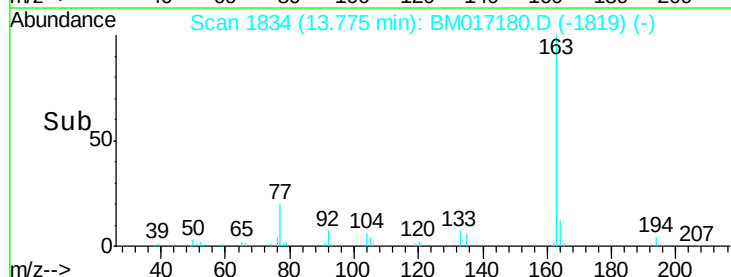
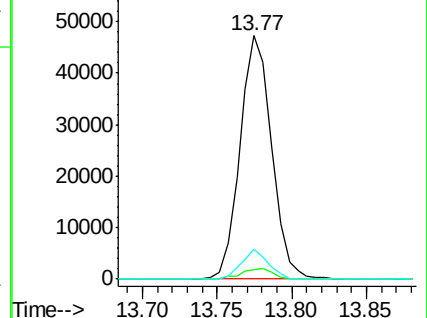
164 12.3 7.8 11.8#

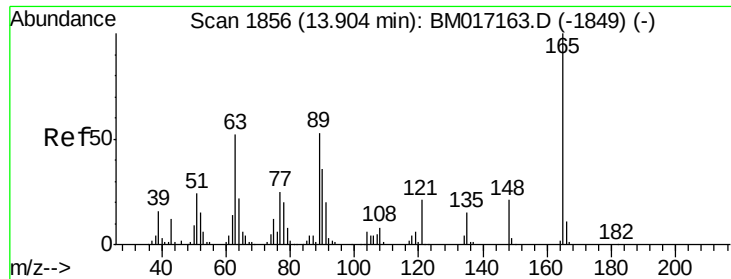


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

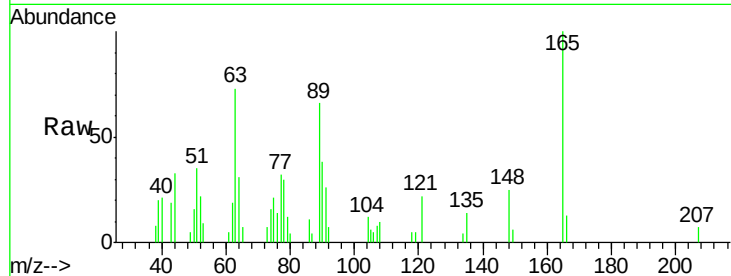




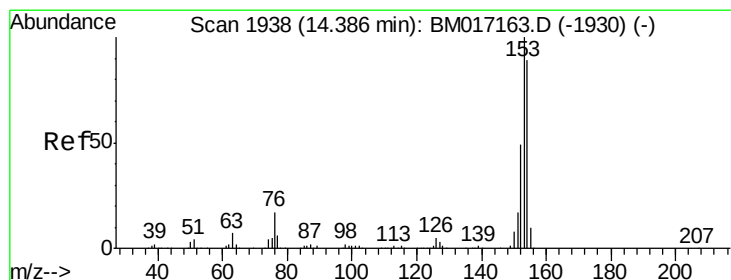
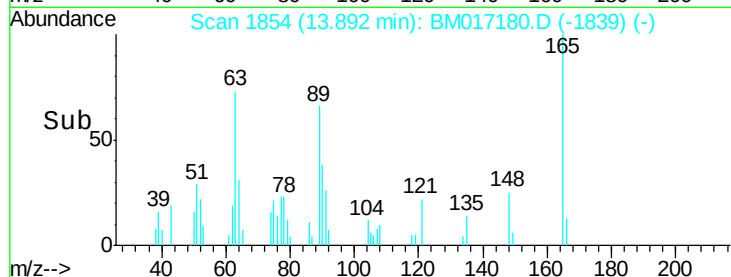
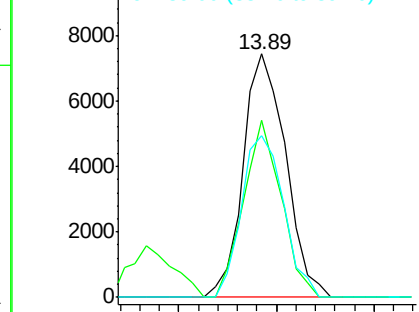
#51
2,6-Dinitrotoluene
Concen: 1.514 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:165 Resp: 11202
Ion Ratio Lower Upper
165 100
63 72.6 42.7 64.1#
89 66.2 42.1 63.1#

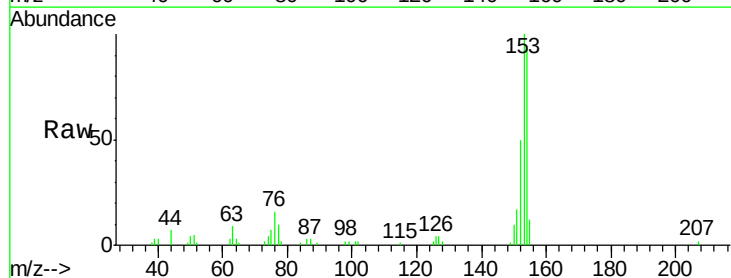


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

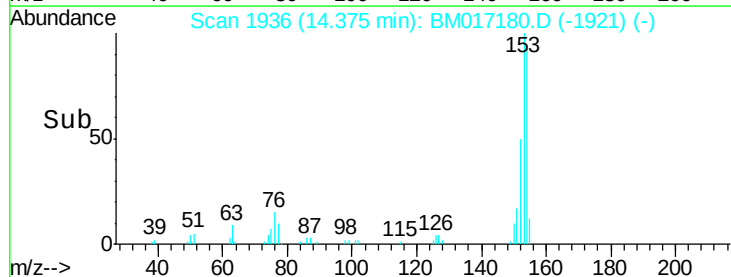
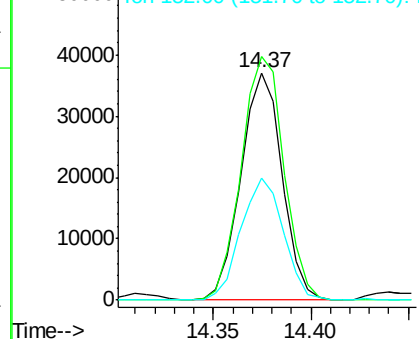


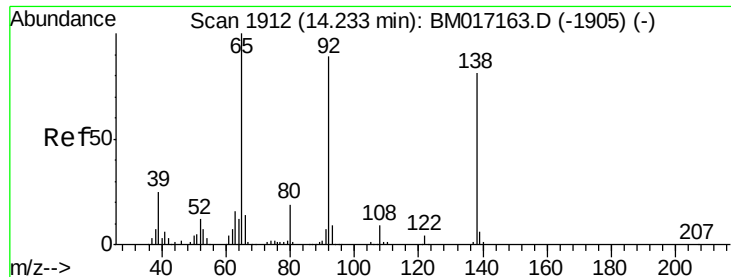
#52
Acenaphthene
Concen: 2.059 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion:154 Resp: 54063
Ion Ratio Lower Upper
154 100
153 107.0 90.2 135.2
152 53.8 44.2 66.4



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

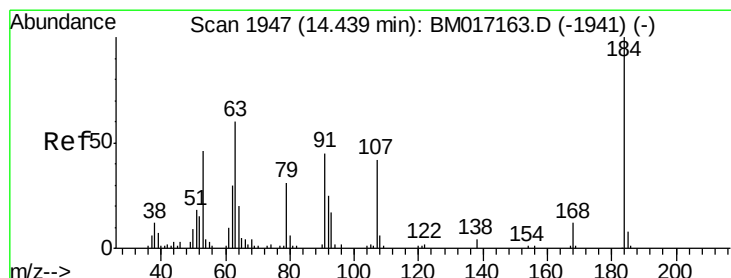
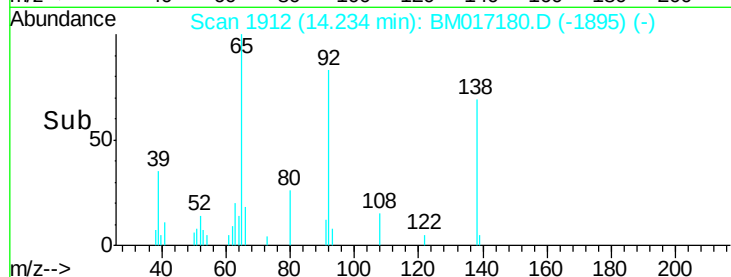
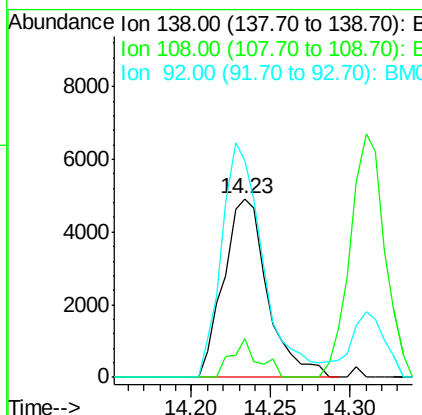
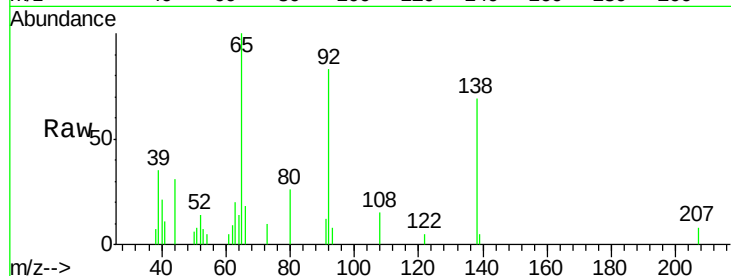




#53
3-Nitroaniline
Concen: 1.178 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

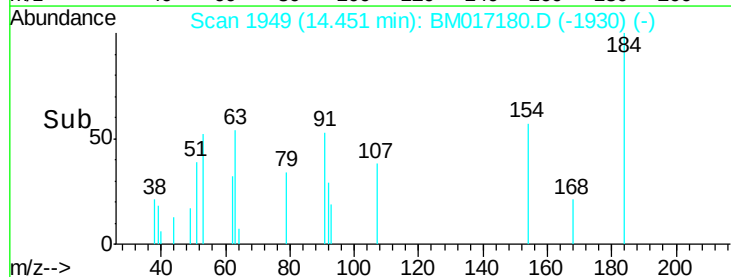
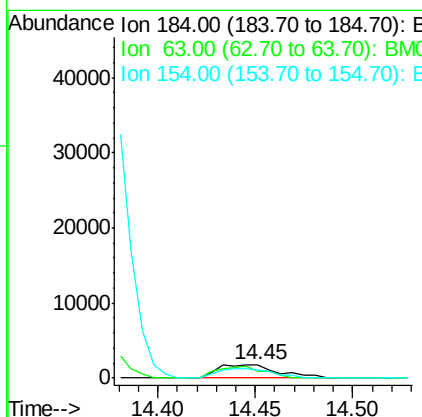
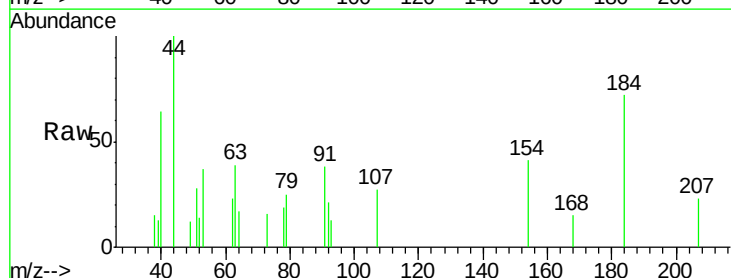
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

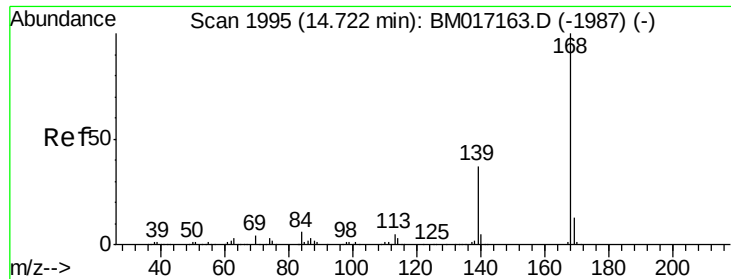
Tgt Ion:138 Resp: 9442
Ion Ratio Lower Upper
138 100
108 21.4 8.7 13.1#
92 121.1 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 8.994 ng
RT: 14.45 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion:184 Resp: 3714
Ion Ratio Lower Upper
184 100
63 54.2 51.2 76.8
154 57.0 47.8 71.8

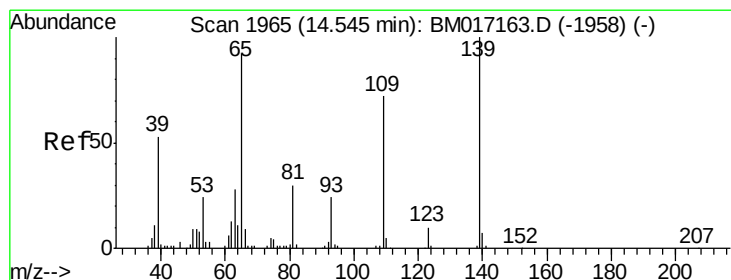
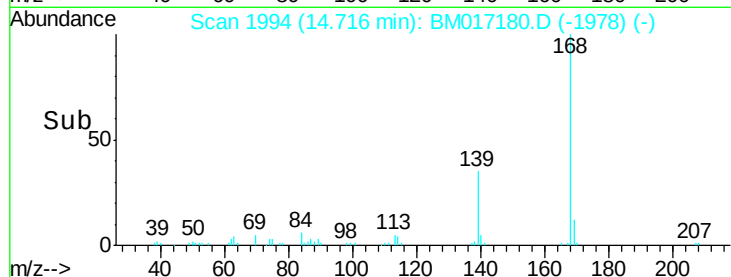
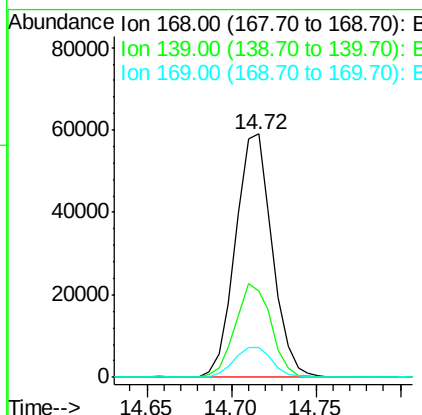
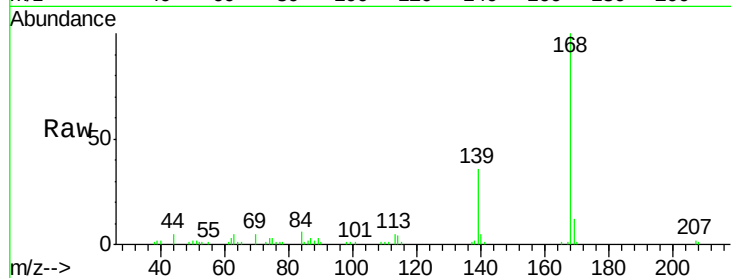




#55
Dibenzofuran
Concen: 2.045 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

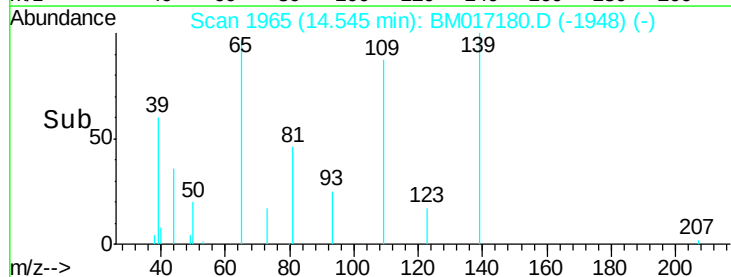
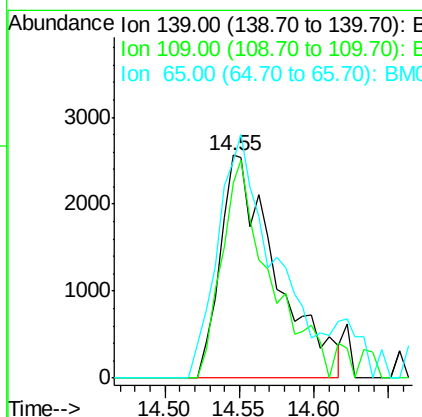
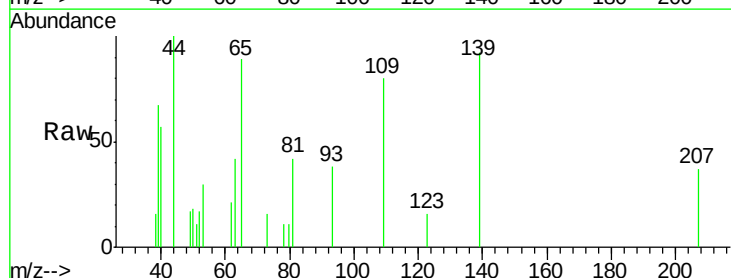
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

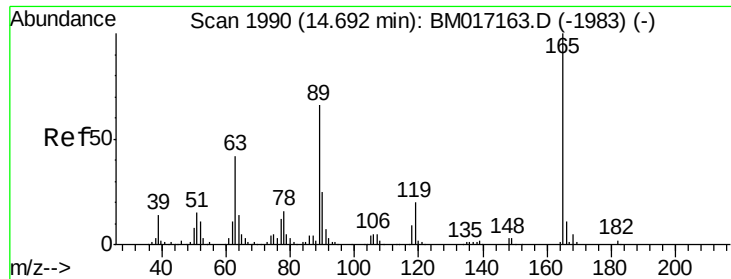
Tgt Ion:168 Resp: 89272
Ion Ratio Lower Upper
168 100
139 35.6 29.3 43.9
169 12.2 10.6 15.8



#56
4-Nitrophenol
Concen: 5.583 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion:139 Resp: 6721
Ion Ratio Lower Upper
139 100
109 87.2 51.8 91.8
65 97.4 72.1 112.1

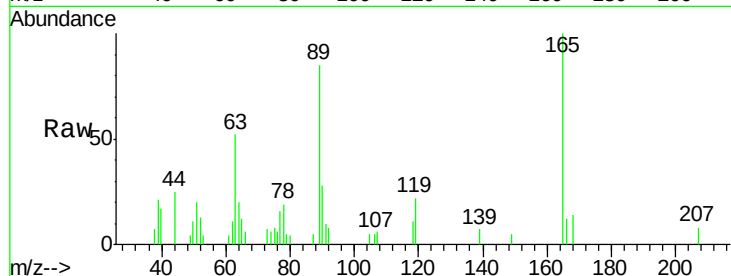




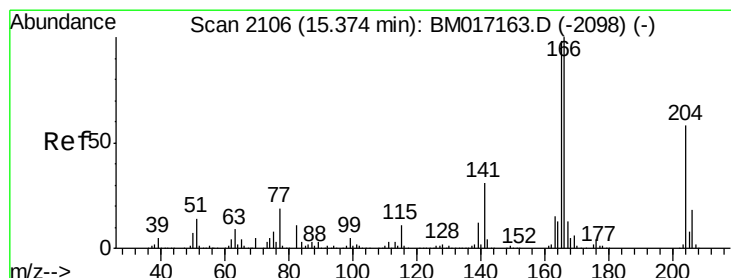
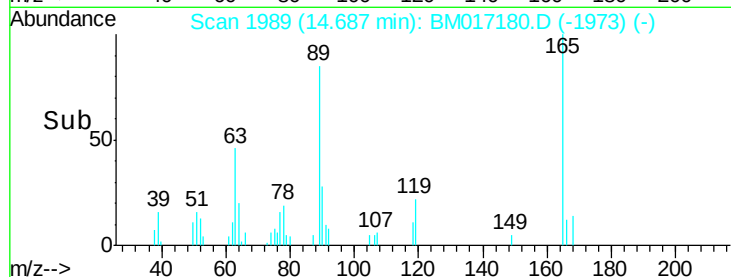
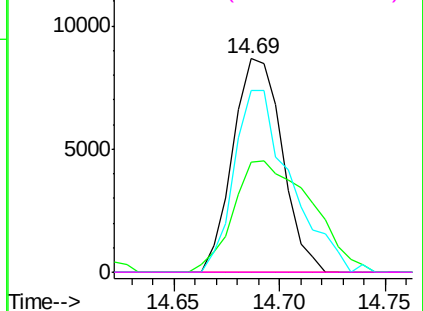
#57
2,4-Dinitrotoluene
Concen: 1.411 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:165 Resp: 14027
Ion Ratio Lower Upper
165 100
63 51.6 33.8 50.8#
89 85.2 53.1 79.7#
182 0.0 2.0 3.0#

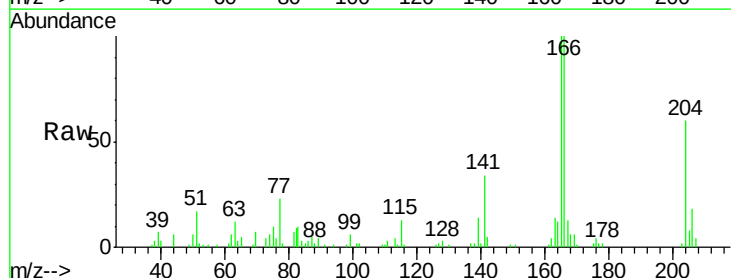


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

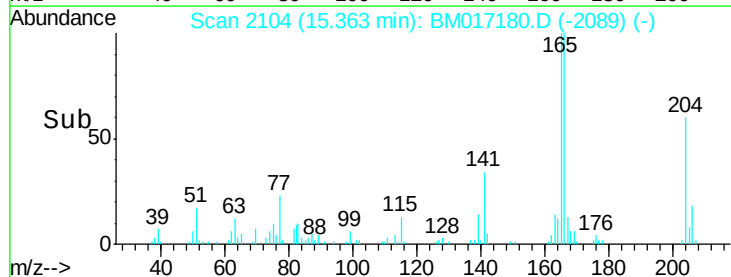
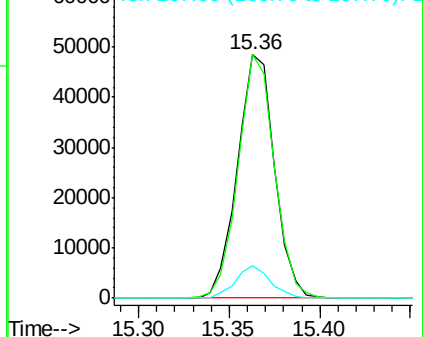


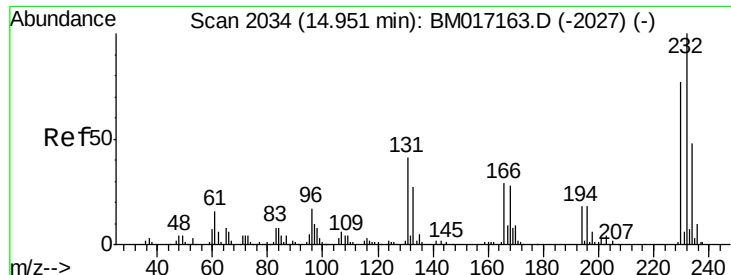
#58
Fluorene
Concen: 2.124 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion:166 Resp: 68647
Ion Ratio Lower Upper
166 100
165 99.9 78.1 117.1
167 13.2 10.6 16.0



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

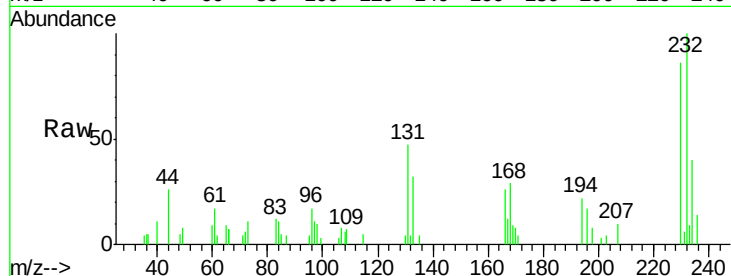




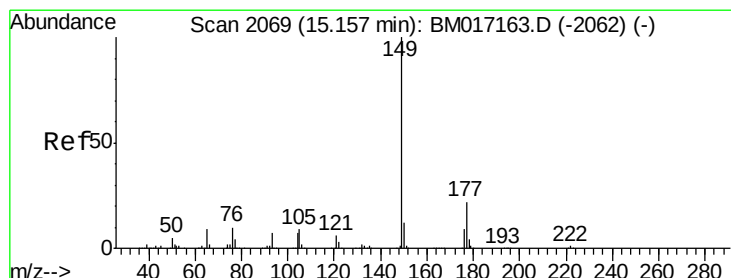
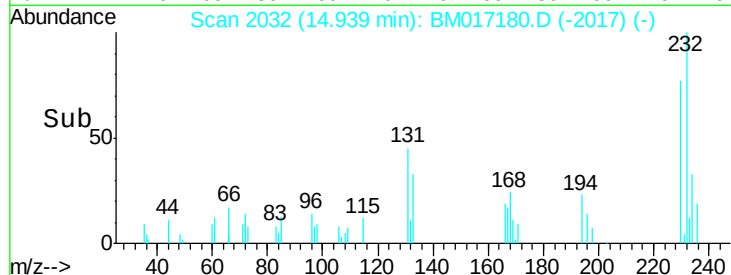
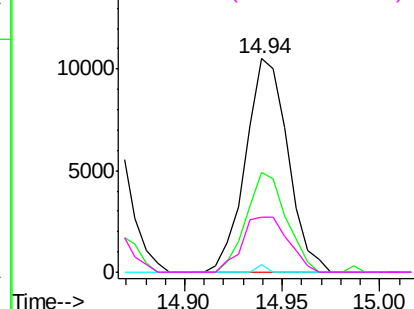
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 1.816 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion: 232 Resp: 15810
 Ion Ratio Lower Upper
 232 100
 131 44.0 33.1 49.7
 130 0.8 1.7 2.5#
 166 28.2 24.4 36.6

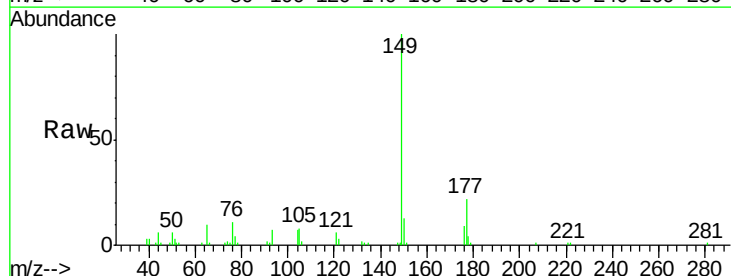


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

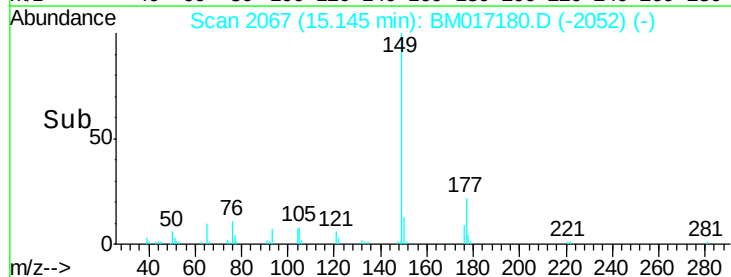
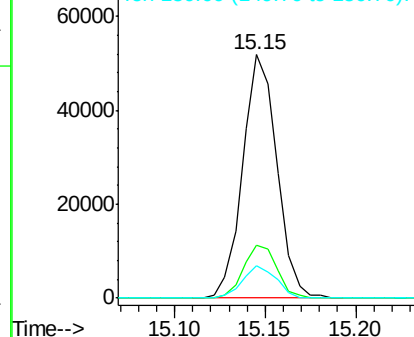


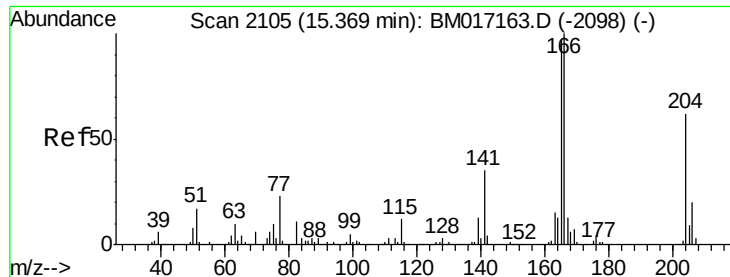
#60
 Diethylphthalate
 Concen: 2.037 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

Tgt Ion: 149 Resp: 67889
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.7 26.5
 150 13.1 10.0 15.0



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

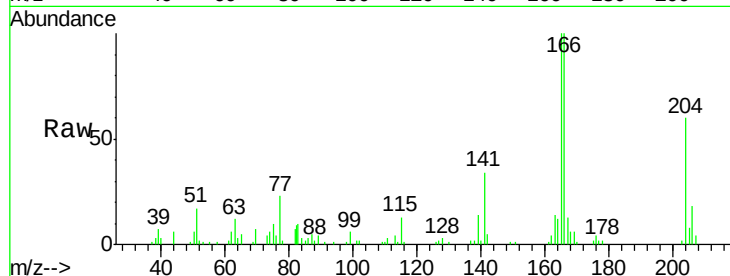




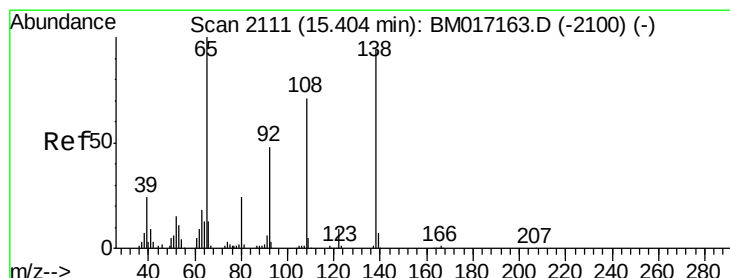
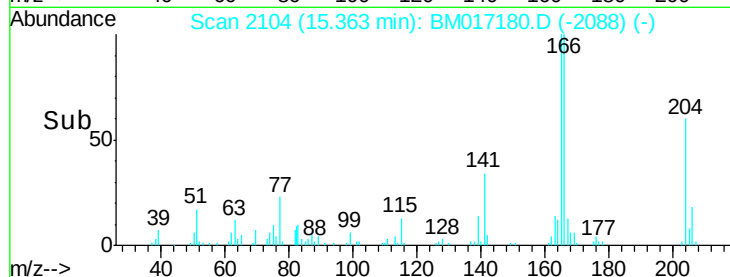
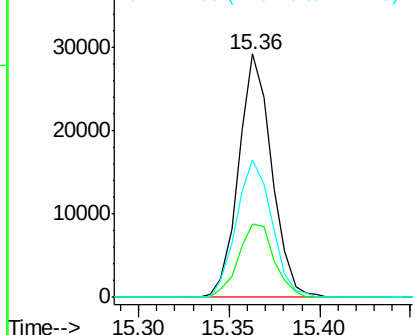
#61
 4-Chlorophenyl-phenylether
 Concen: 2.007 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion:204 Resp: 36975
 Ion Ratio Lower Upper
 204 100
 206 30.0 26.1 39.1
 141 56.2 45.4 68.2

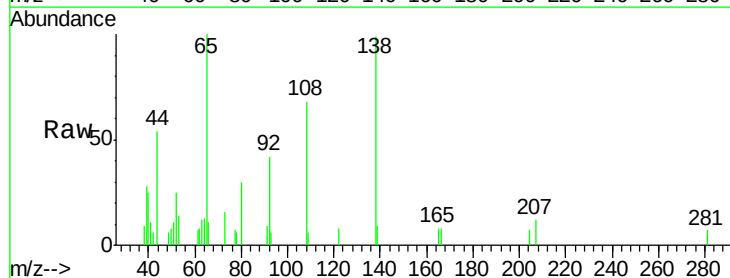


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

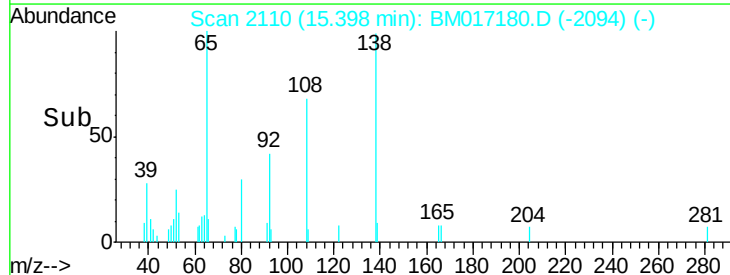
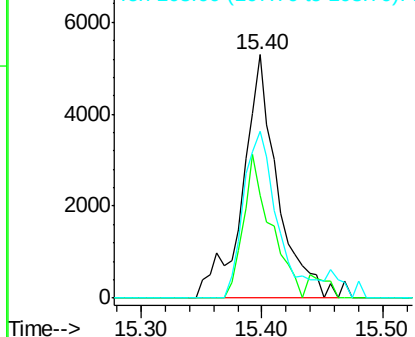


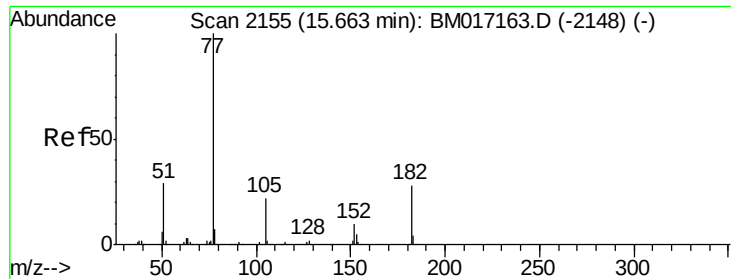
#62
 4-Nitroaniline
 Concen: 5.821 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

Tgt Ion:138 Resp: 10586
 Ion Ratio Lower Upper
 138 100
 92 42.0 31.2 71.2
 108 68.3 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E

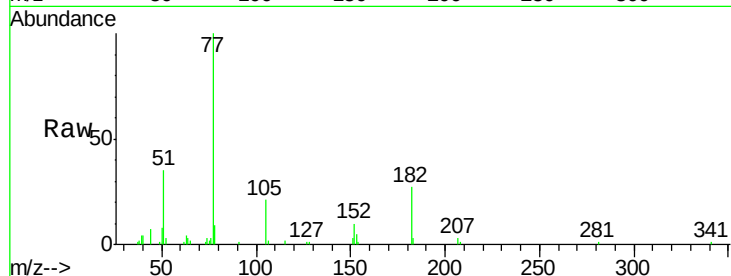




#63
Azobenzene
Concen: 1.691 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:	77	Resp:	54793
Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.3	48.3
105	21.1	1.5	41.5
51	35.3	8.8	48.8

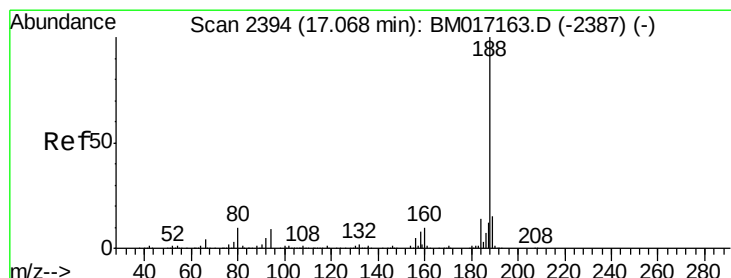
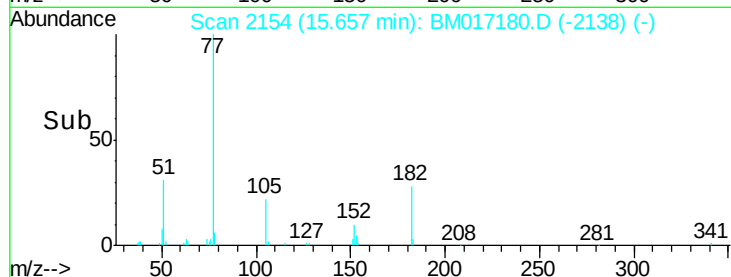
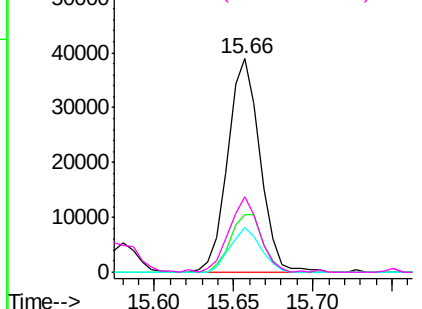


Abundance Ion 77.00 (76.70 to 77.70): BM017180.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017180.D (-2138) (-)

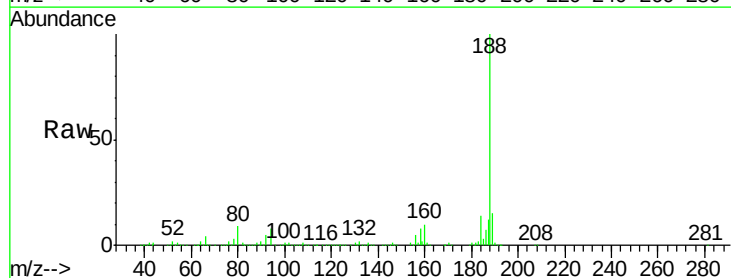
Ion 105.00 (104.70 to 105.70): BM017180.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017180.D (-2138) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

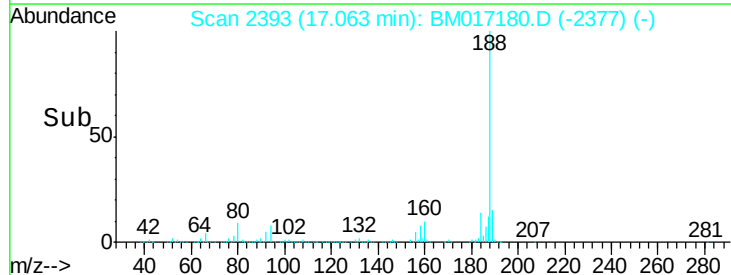
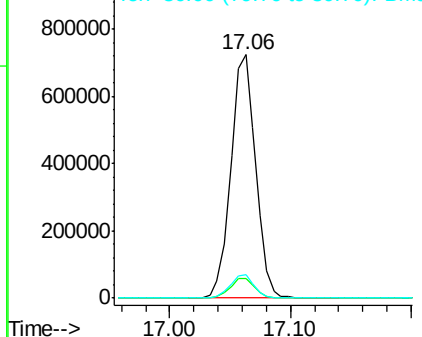
Tgt Ion:	188	Resp:	1032220
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.4
80	9.4	7.7	11.5

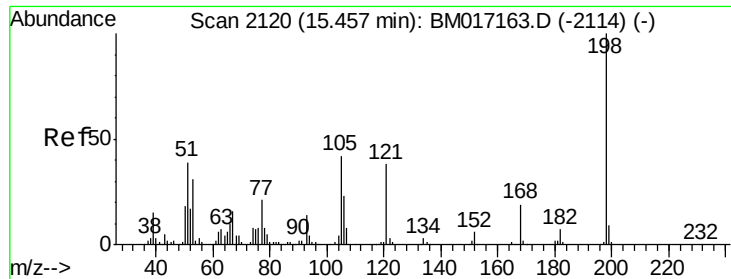


Abundance Ion 188.00 (187.70 to 188.70): BM017180.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017180.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017180.D (-2377) (-)

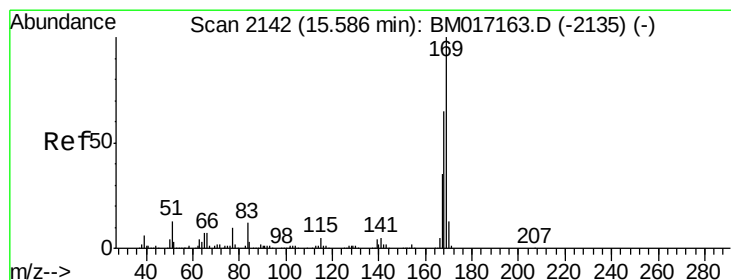
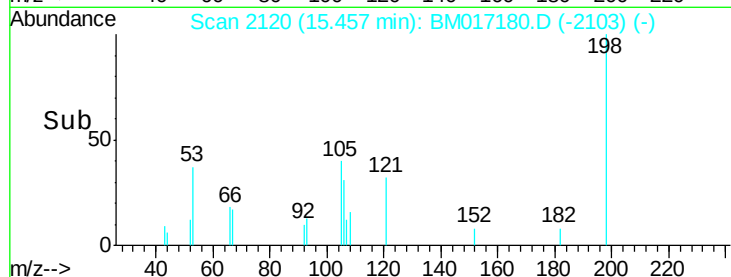
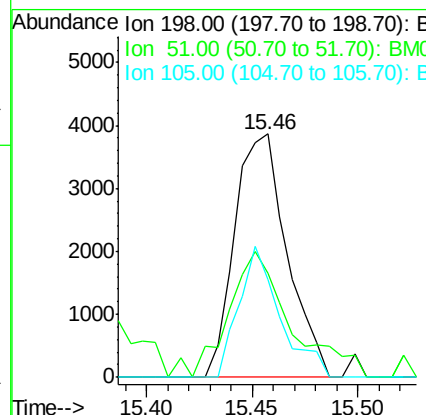
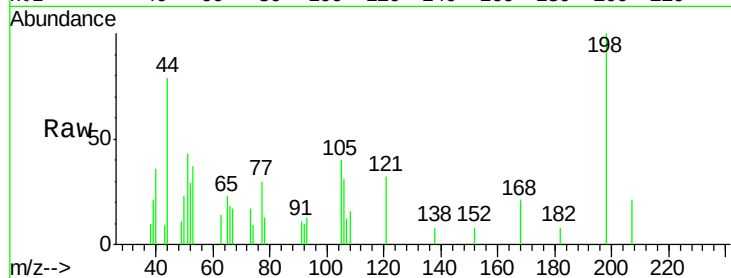




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.857 ng
 RT: 15.46 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

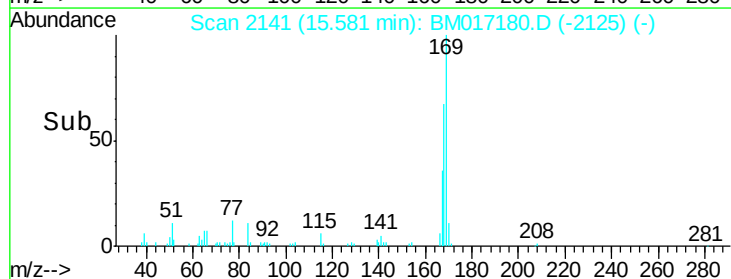
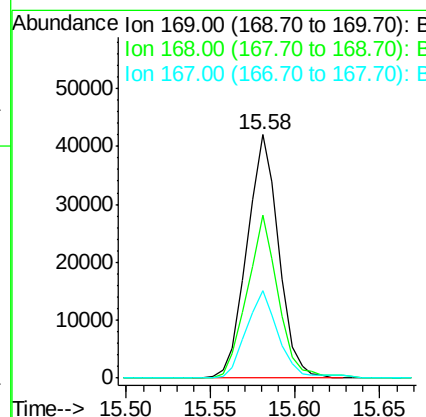
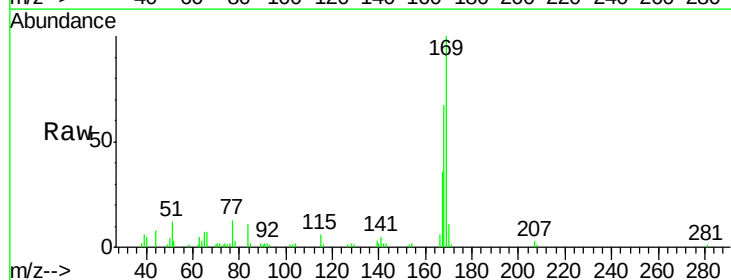
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

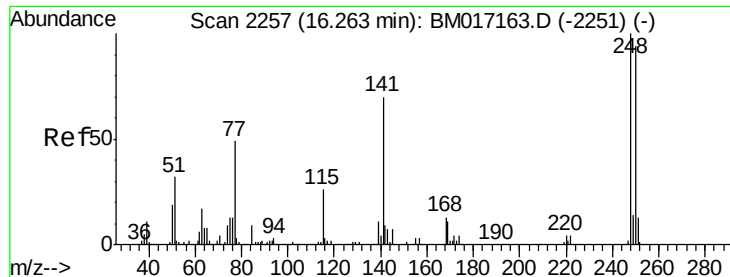
Tgt Ion:198 Resp: 6632
 Ion Ratio Lower Upper
 198 100
 51 42.7 20.3 60.3
 105 40.2 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 1.769 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

Tgt Ion:169 Resp: 55232
 Ion Ratio Lower Upper
 169 100
 168 67.2 52.2 78.4
 167 36.0 28.4 42.6

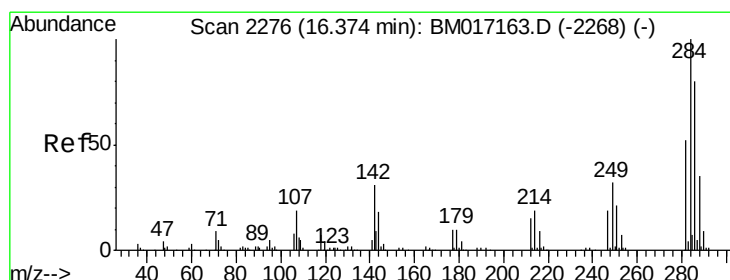
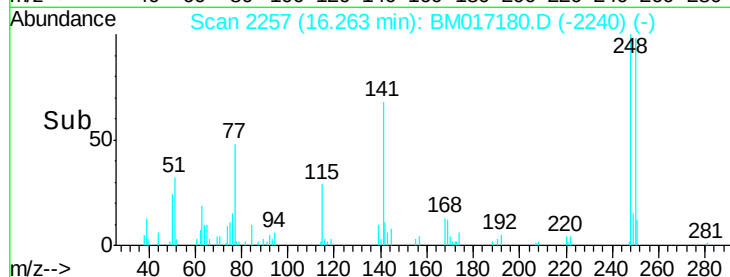
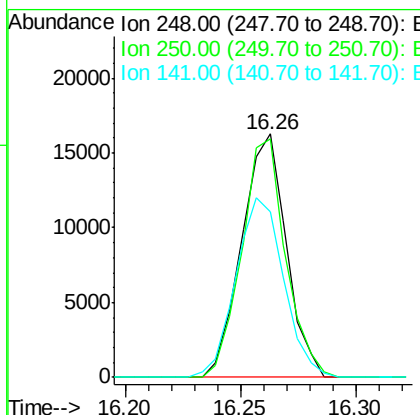
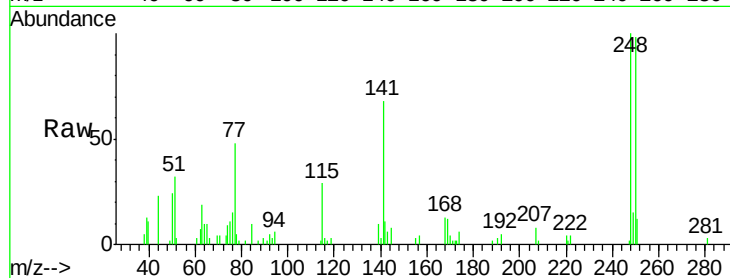




#67
4-Bromophenyl-phenylether
Concen: 1.928 ng
RT: 16.26 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

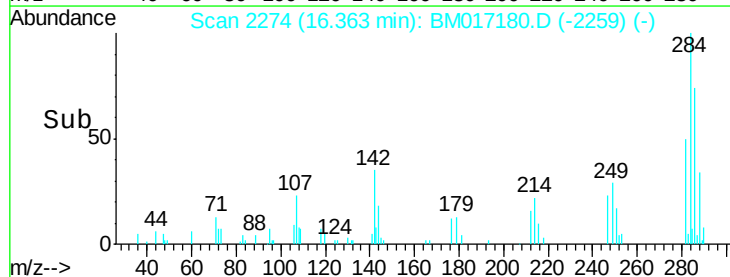
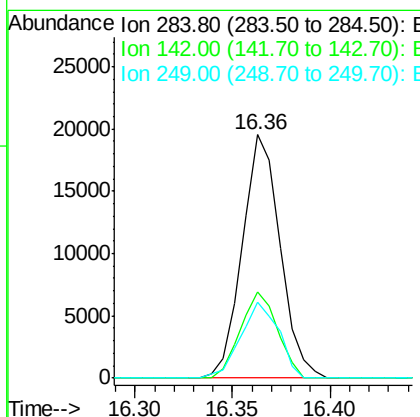
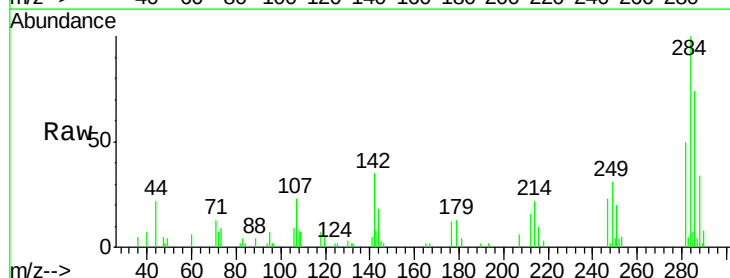
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

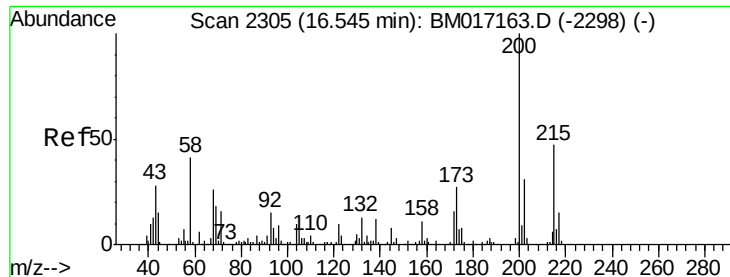
Tgt Ion: 248 Resp: 21853
Ion Ratio Lower Upper
248 100
250 98.2 75.1 112.7
141 68.0 55.6 83.4



#68
Hexachlorobenzene
Concen: 1.997 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion: 284 Resp: 26293
Ion Ratio Lower Upper
284 100
142 35.4 25.0 37.6
249 31.3 25.5 38.3

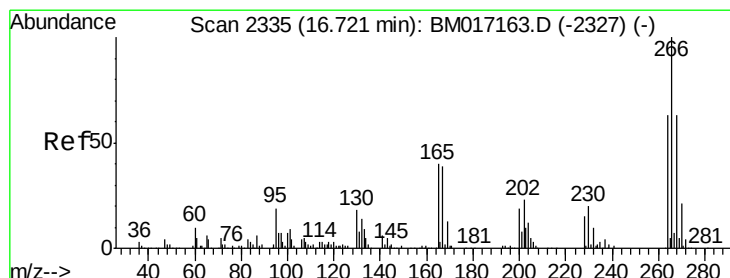
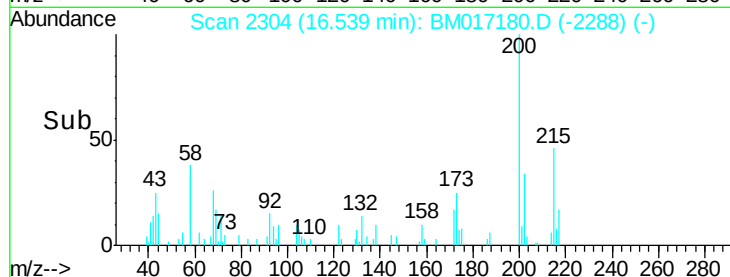
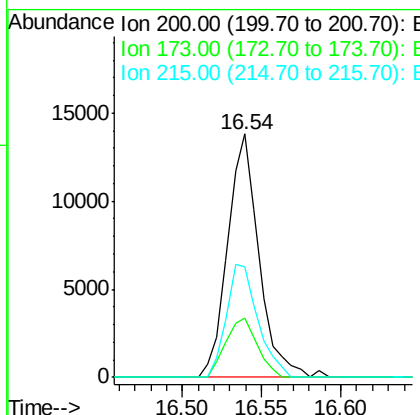
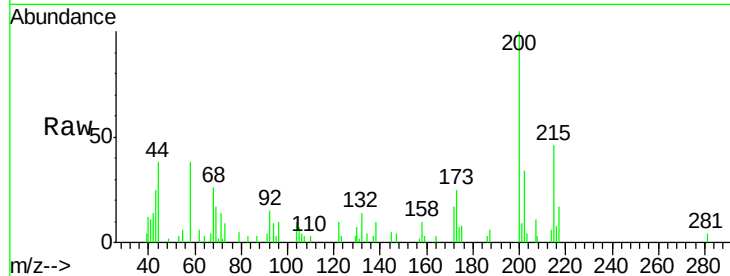




#69
Atrazine
Concen: 1.699 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

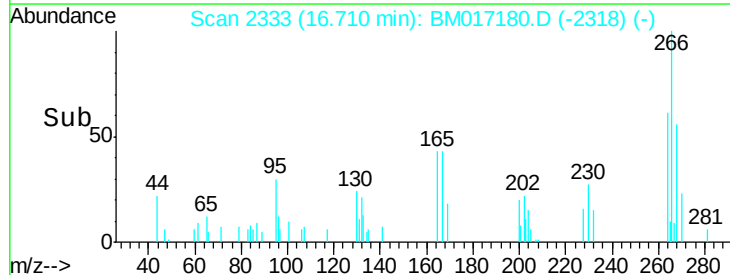
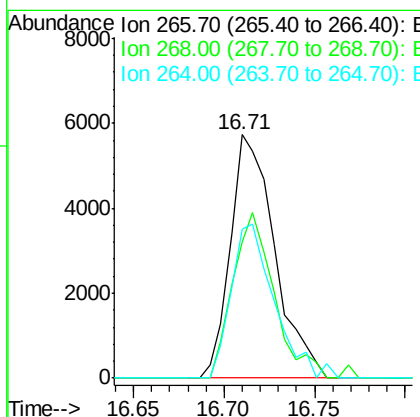
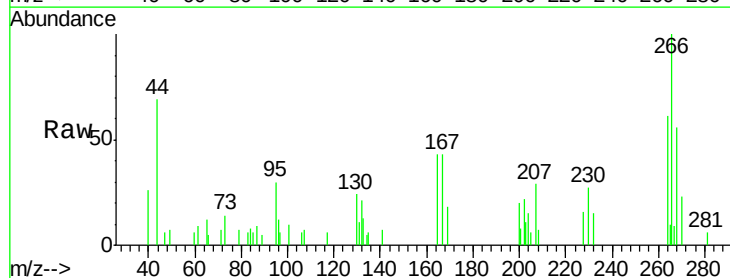
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

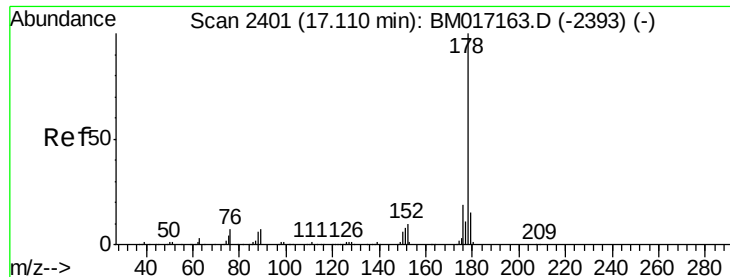
Tgt Ion:200 Resp: 18985
Ion Ratio Lower Upper
200 100
173 24.6 7.0 47.0
215 45.6 27.3 67.3



#70
Pentachlorophenol
Concen: 1.083 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion:266 Resp: 9770
Ion Ratio Lower Upper
266 100
268 56.1 50.7 76.1
264 61.3 50.4 75.6

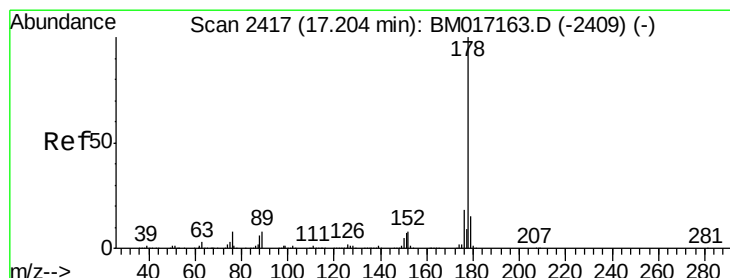
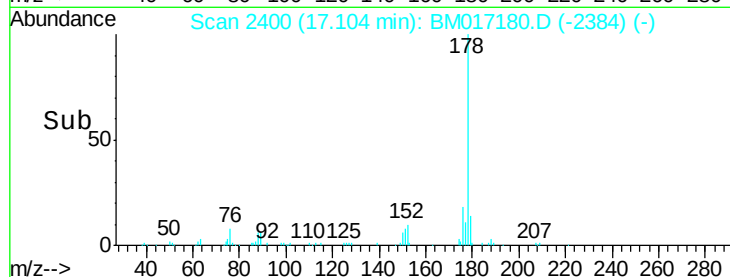
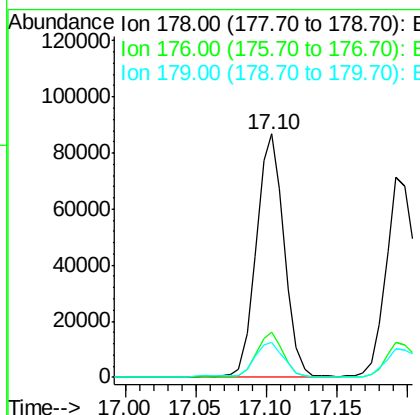
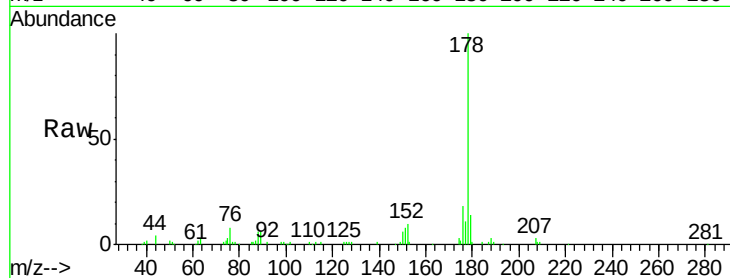




#71
 Phenanthrene
 Concen: 2.168 ng
 RT: 17.10 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

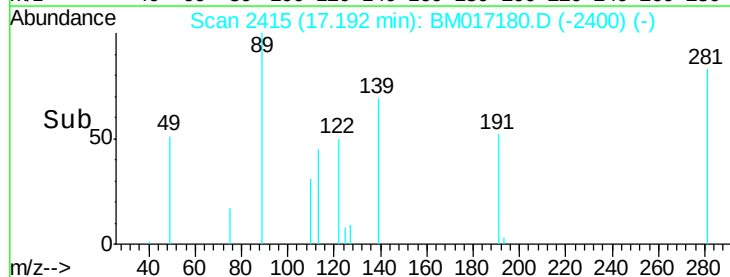
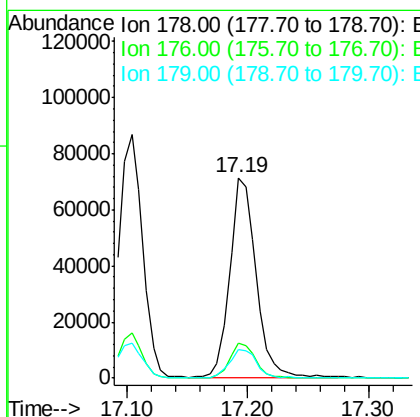
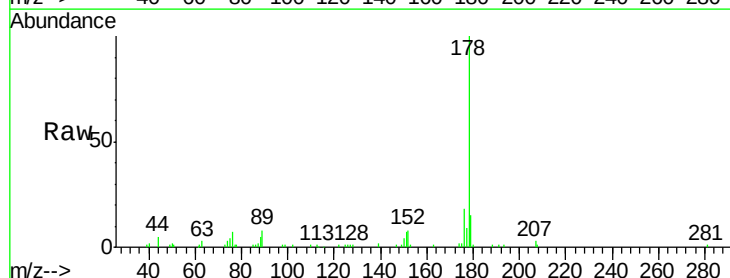
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

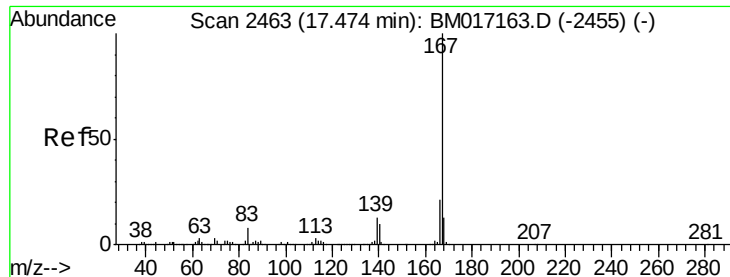
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	14.4	12.3	18.5



#72
 Anthracene
 Concen: 2.027 ng
 RT: 17.19 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.5	21.7
179	14.5	12.2	18.2





#73

Carbazole

Concen: 1.697 ng

RT: 17.47 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

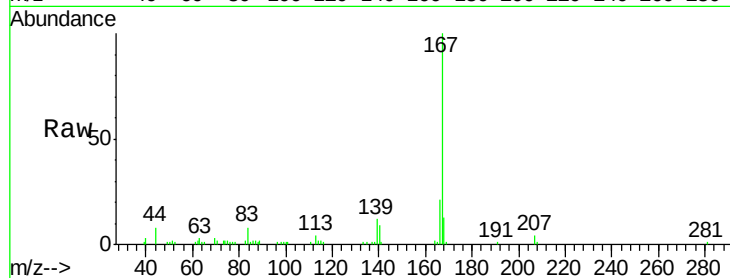
Tgt Ion:167 Resp: 91736

Ion Ratio Lower Upper

167 100

166 20.6 17.1 25.7

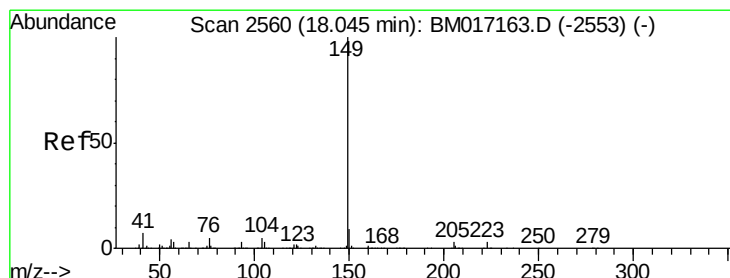
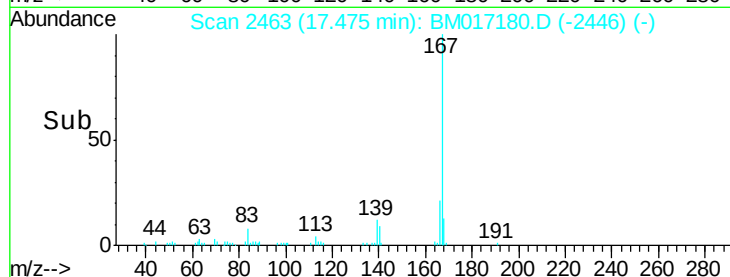
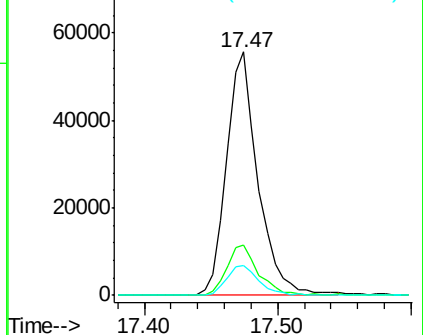
139 12.1 10.1 15.1



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



#74

Di-n-butylphthalate

Concen: 1.616 ng

RT: 18.04 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

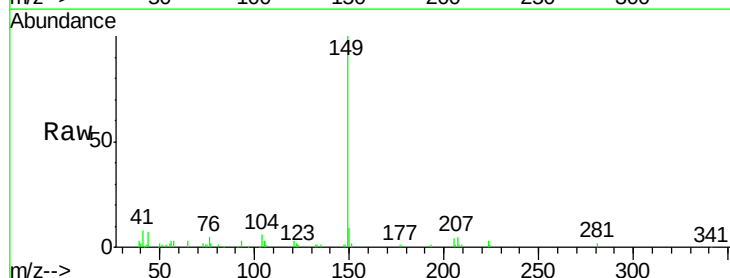
Tgt Ion:149 Resp: 92110

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

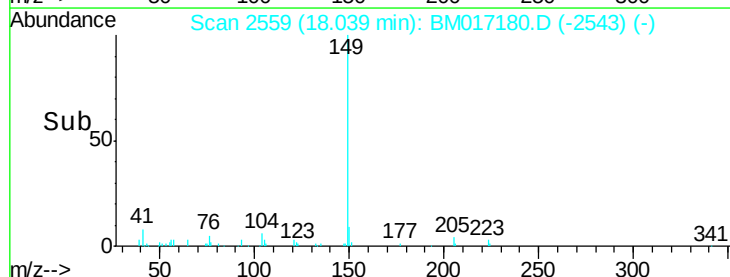
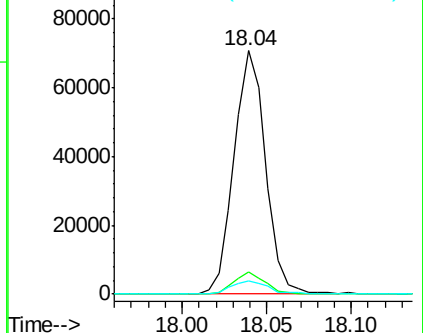
104 5.7 4.3 6.5

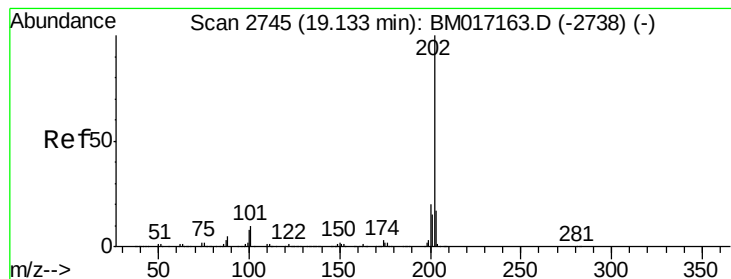


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 2.061 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

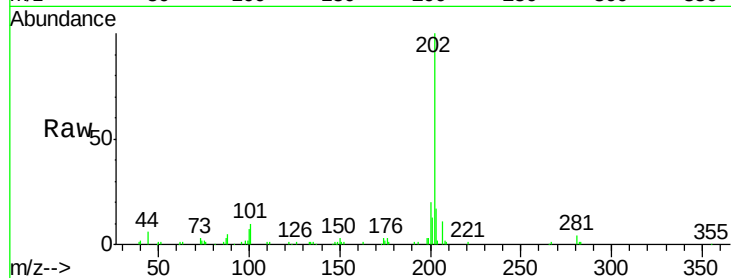
Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

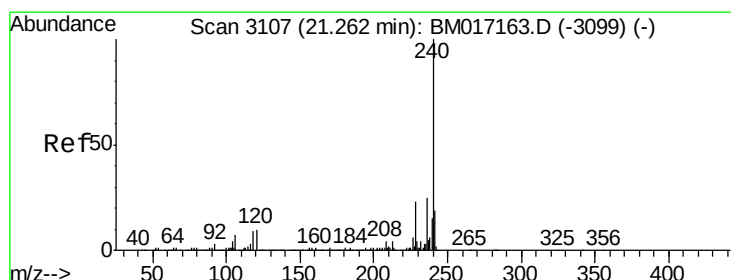
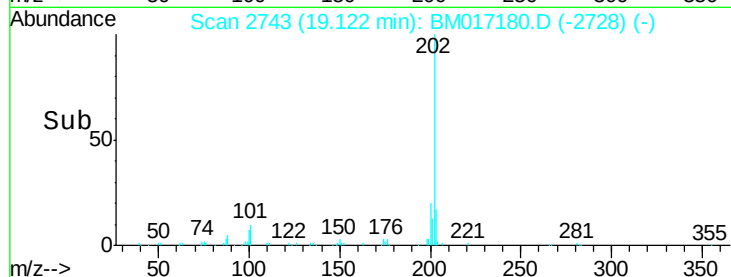
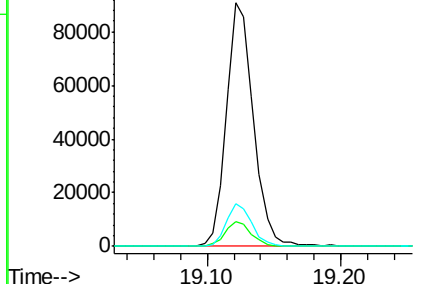
Tgt Ion:	202	Resp:	129144
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.0
203	17.5	0.0	37.2



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



#76

Chrysene-d12

Concen: 20.000 ng

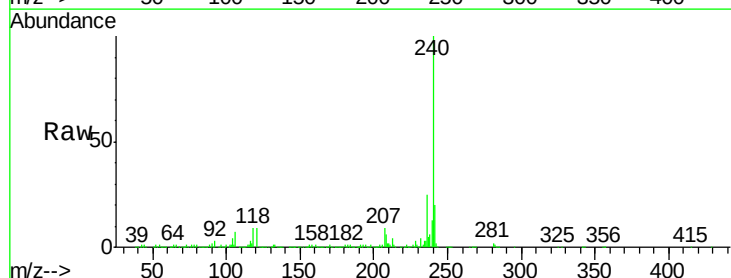
RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

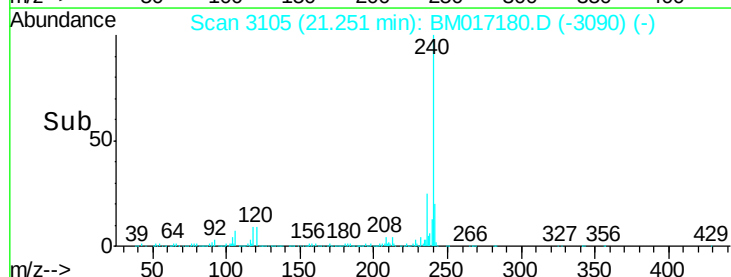
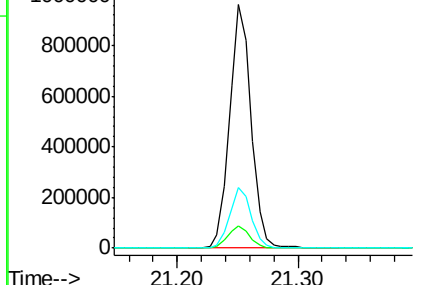
Tgt Ion:	240	Resp:	1191360
Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.1	12.1
236	25.0	19.9	29.9

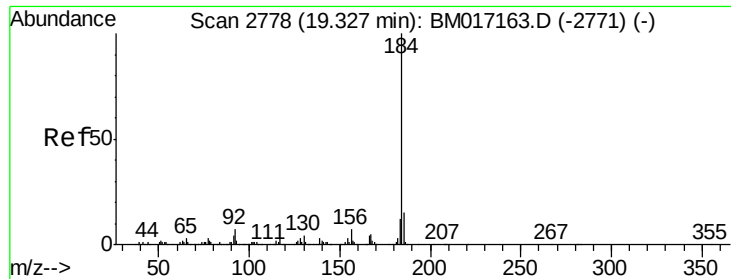


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

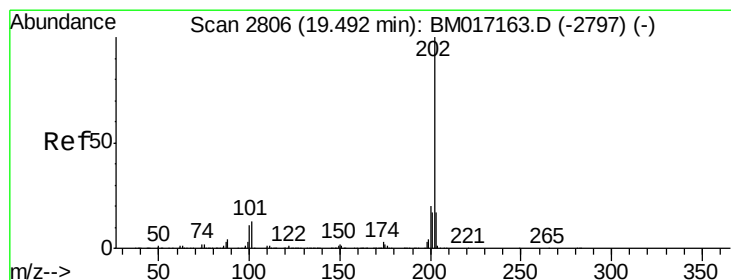
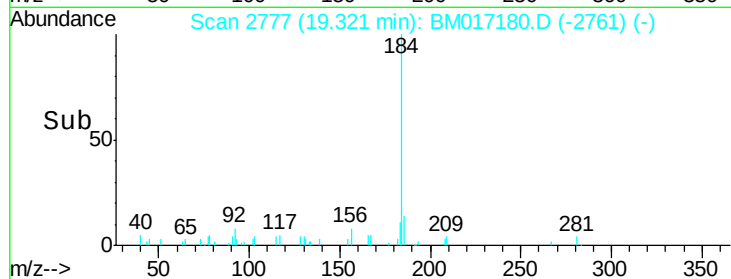
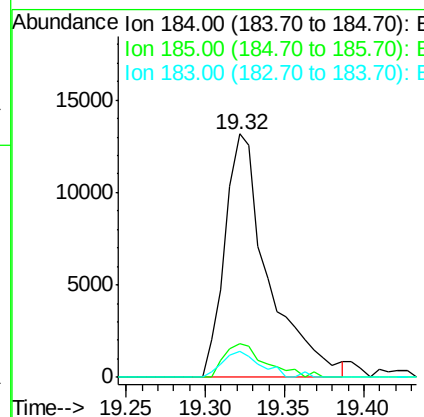
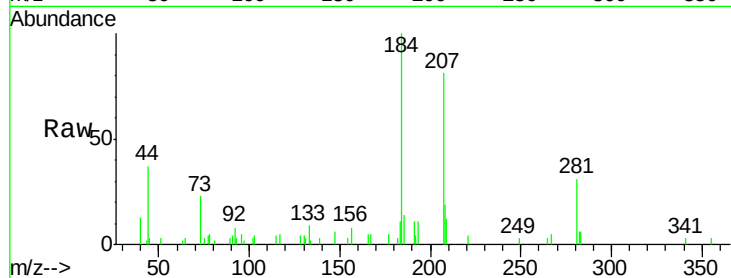




#77
Benzidine
Concen: 0.828 ng
RT: 19.32 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

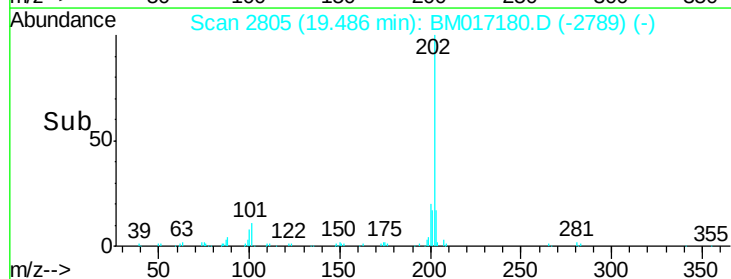
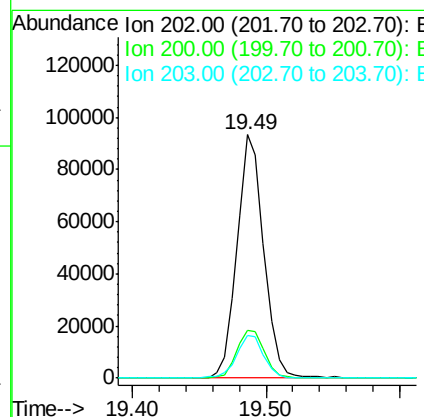
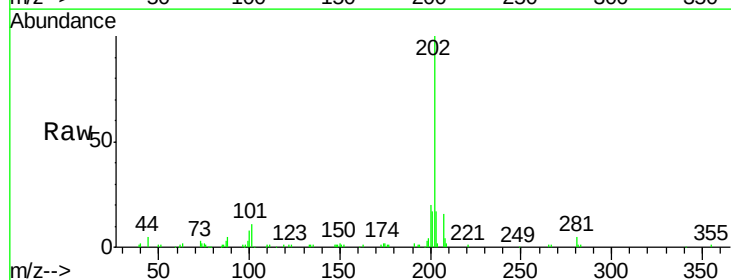
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

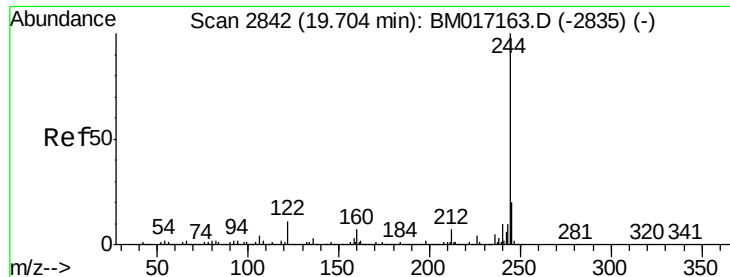
Tgt Ion:184 Resp: 25010
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.8
183 10.7 9.7 14.5



#78
Pyrene
Concen: 1.959 ng
RT: 19.49 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion:202 Resp: 130409
Ion Ratio Lower Upper
202 100
200 19.5 16.3 24.5
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 84.907 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

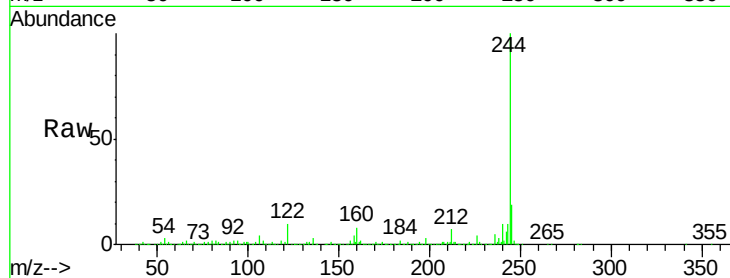
Tgt Ion:244 Resp: 4487774

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

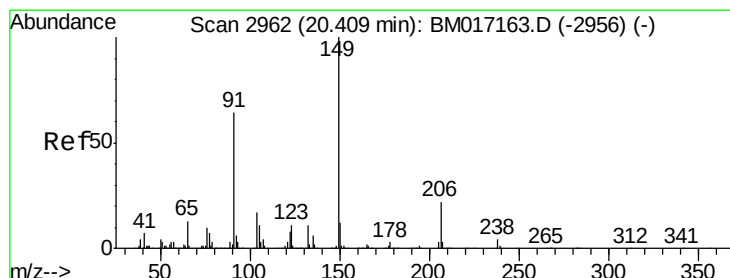
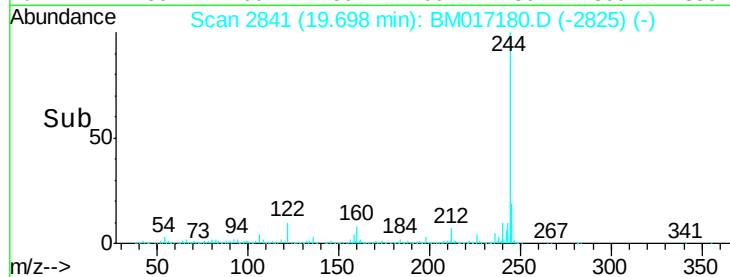
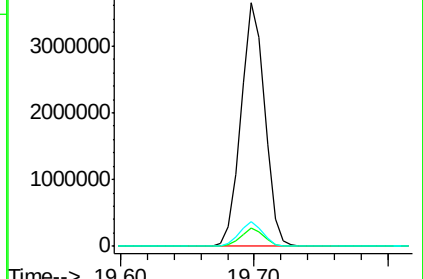
122 10.1 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 8.362 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

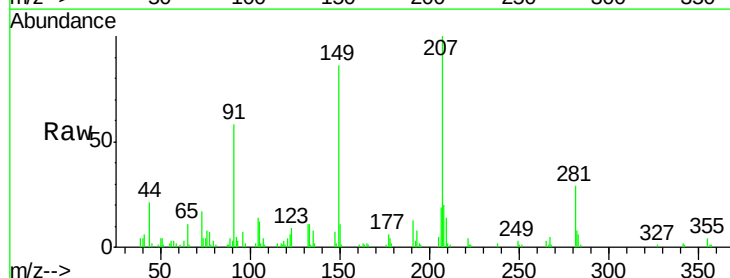
Tgt Ion:149 Resp: 35340

Ion Ratio Lower Upper

149 100

91 66.8 51.3 76.9

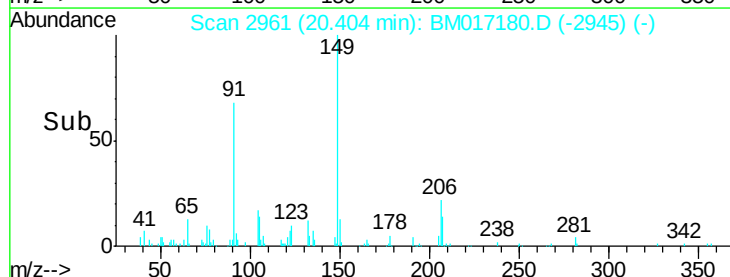
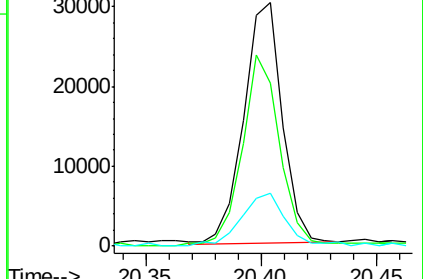
206 21.7 18.0 27.0

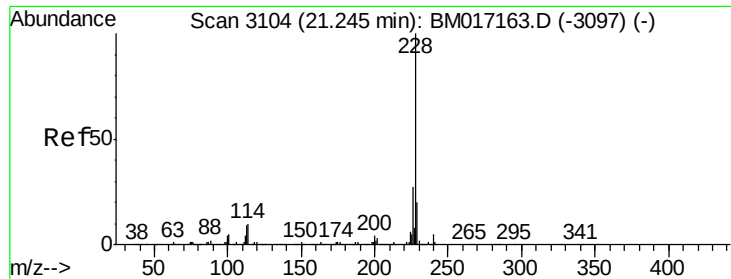


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.071 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

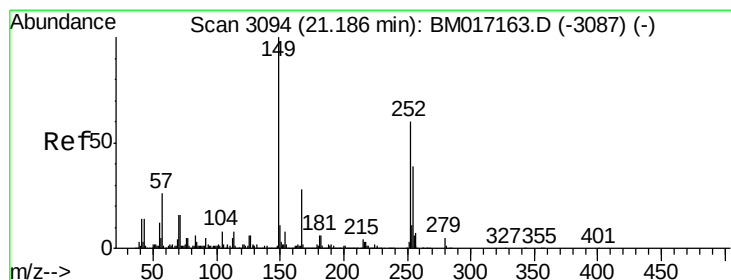
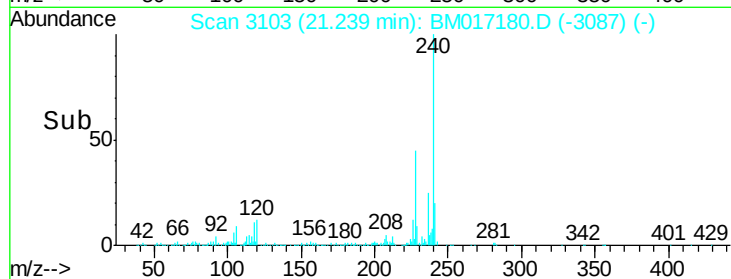
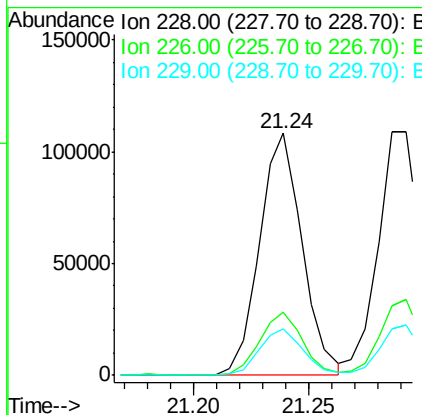
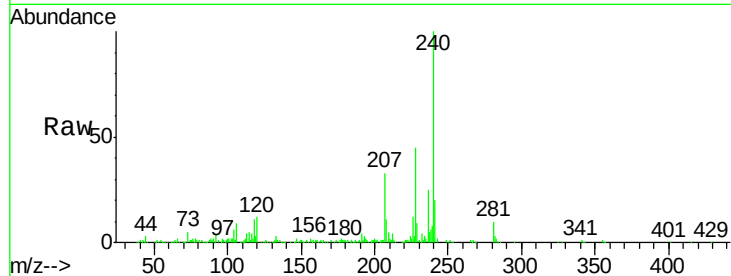
Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	228	Resp:	138877
Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.4	32.0
229	19.2	15.9	23.9



#82

3,3'-Dichlorobenzidine

Concen: 1.218 ng

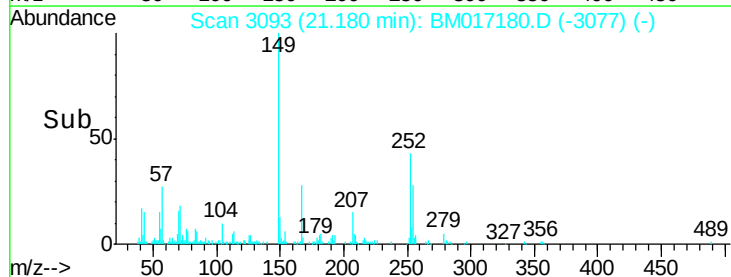
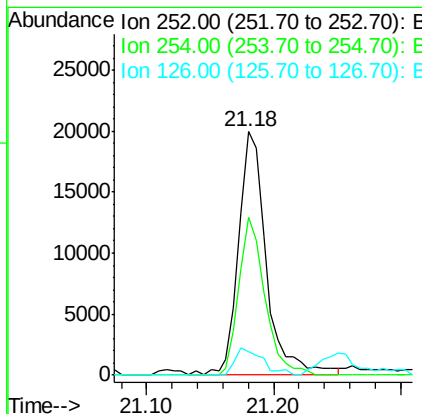
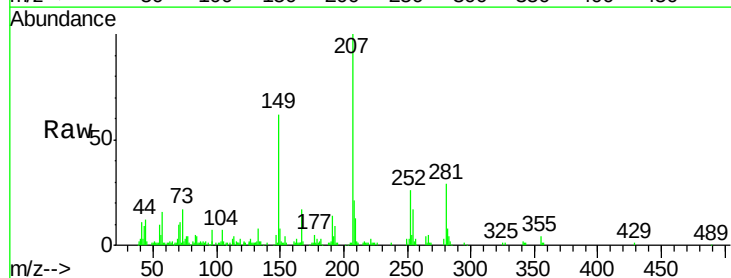
RT: 21.18 min Scan# 3093

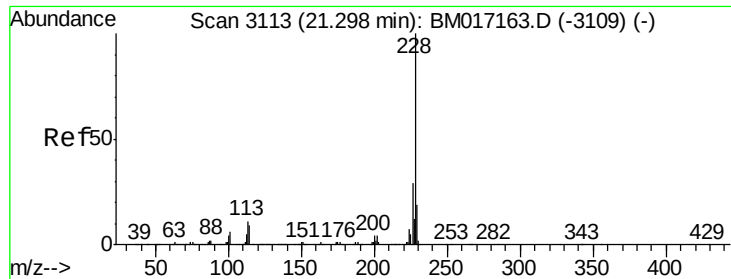
Delta R.T. -0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Tgt Ion:	252	Resp:	30428
Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	9.4	8.6	12.8





#83

Chrysene

Concen: 2.178 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

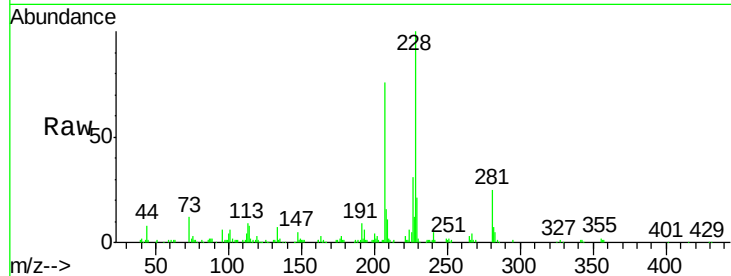
Tgt Ion:228 Resp: 144549

Ion Ratio Lower Upper

228 100

226 31.2 23.3 34.9

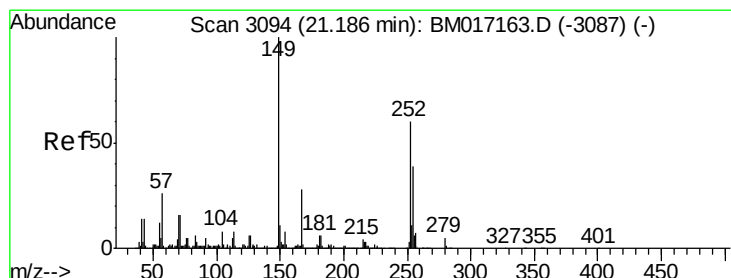
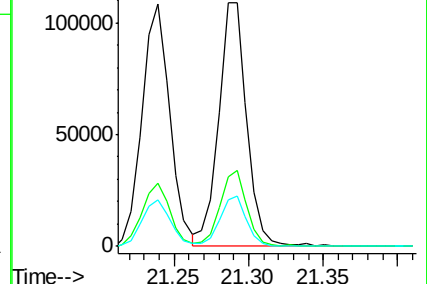
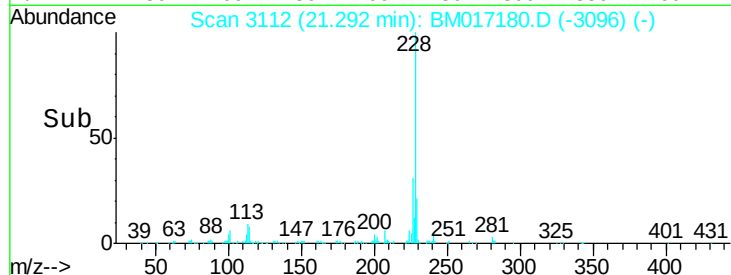
229 20.6 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.520 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

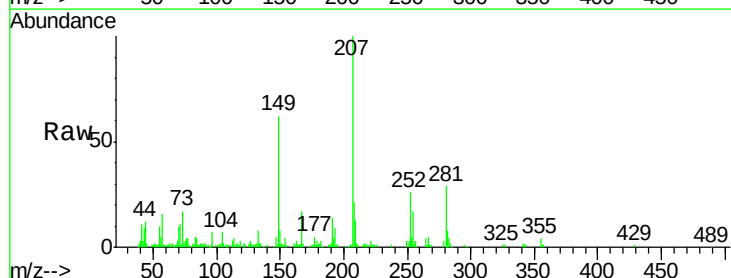
Tgt Ion:149 Resp: 52832

Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.4

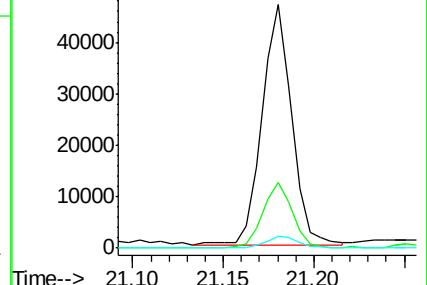
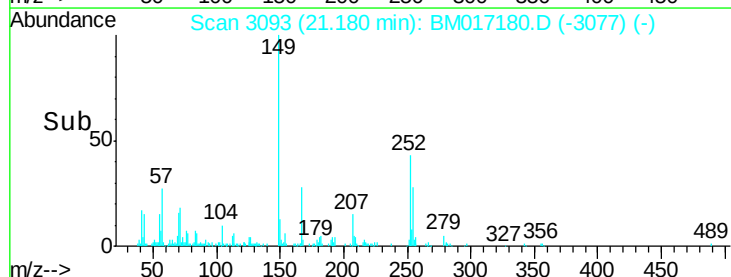
279 4.9 3.6 5.4

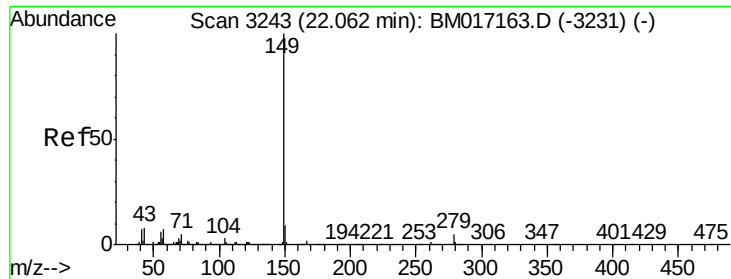


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 6.805 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

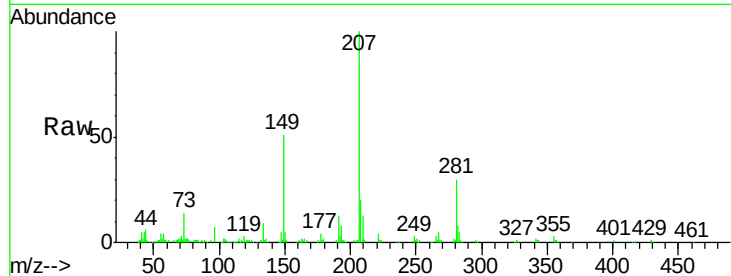
Tgt Ion:149 Resp: 91655

Ion Ratio Lower Upper

149 100

167 2.3 1.4 2.0#

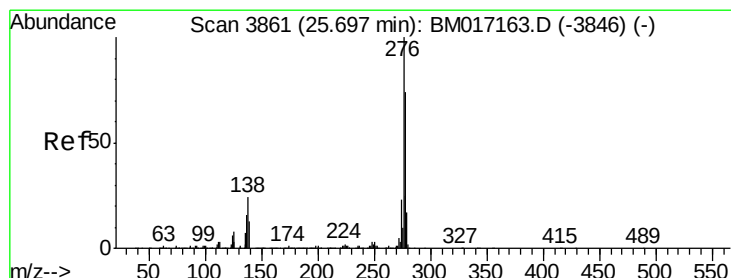
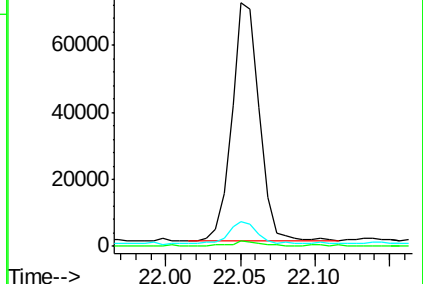
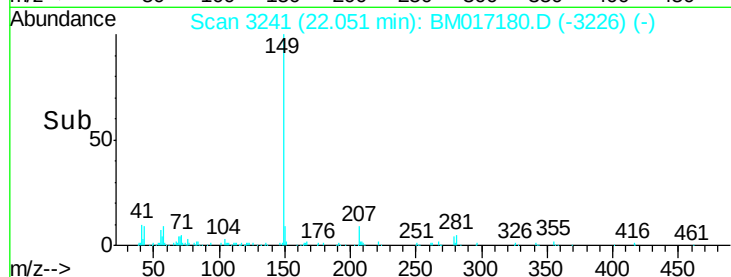
43 9.9 7.2 10.8



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.124 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.02 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

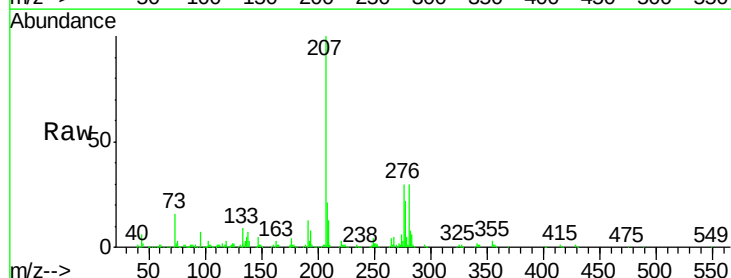
Tgt Ion:276 Resp: 157671

Ion Ratio Lower Upper

276 100

138 22.5 19.5 29.3

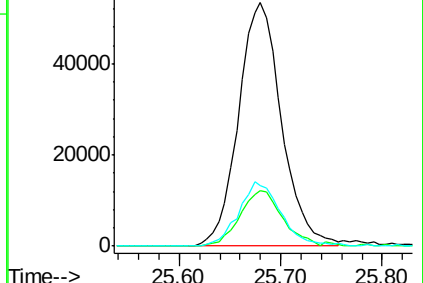
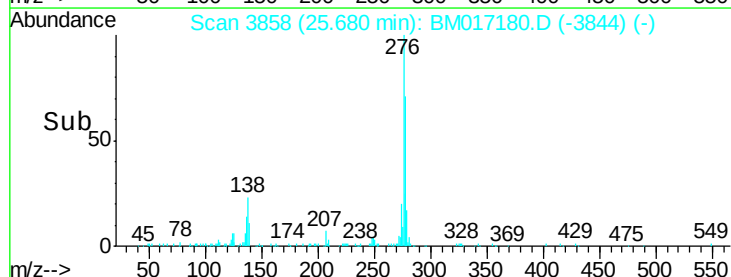
277 25.8 20.1 30.1

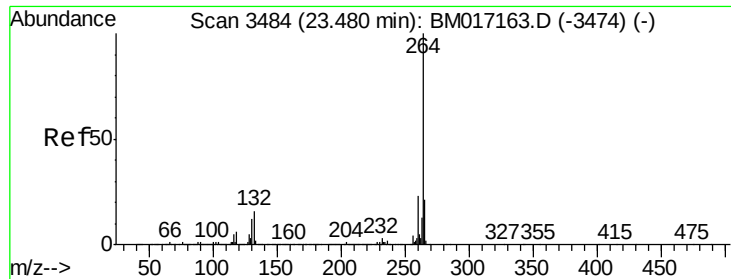


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



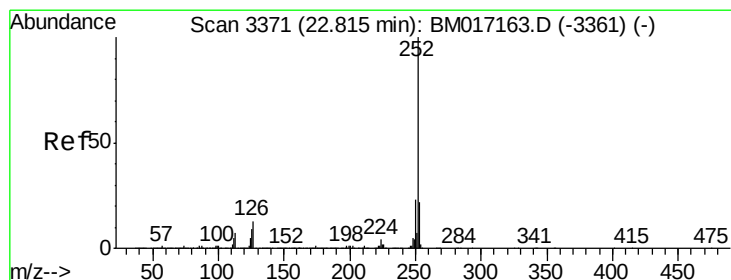
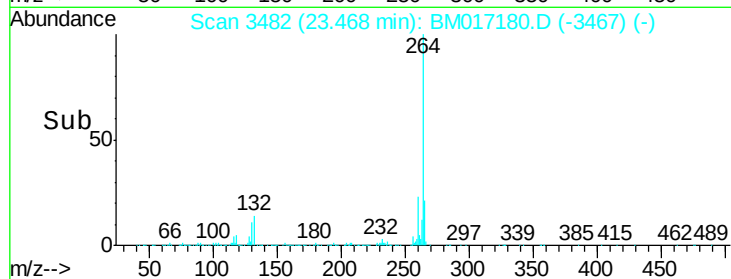
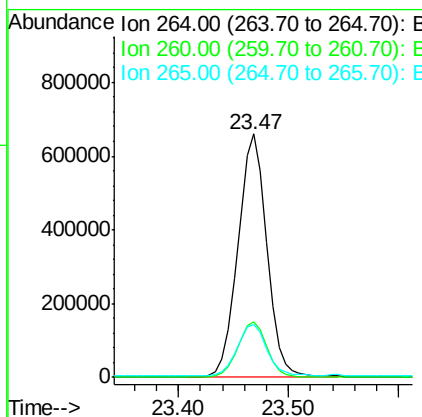
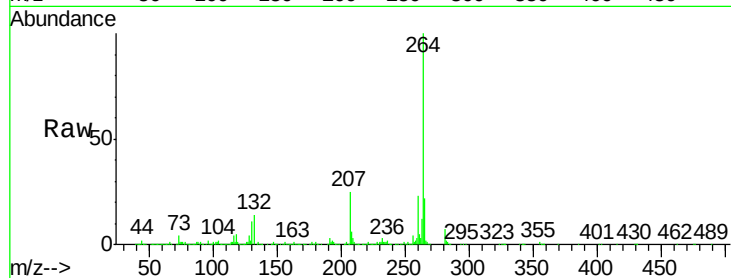


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 264 Resp: 1222105

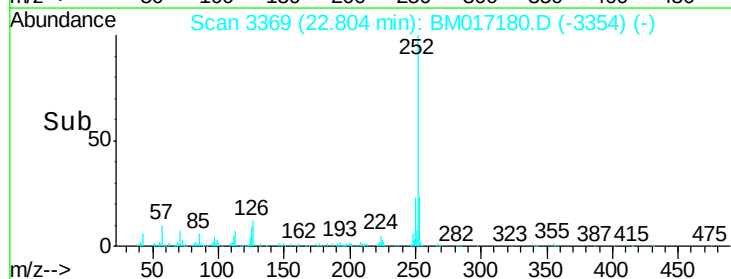
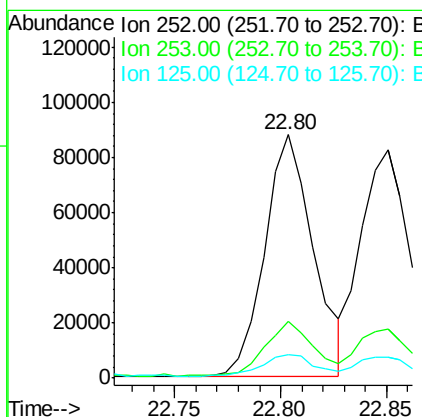
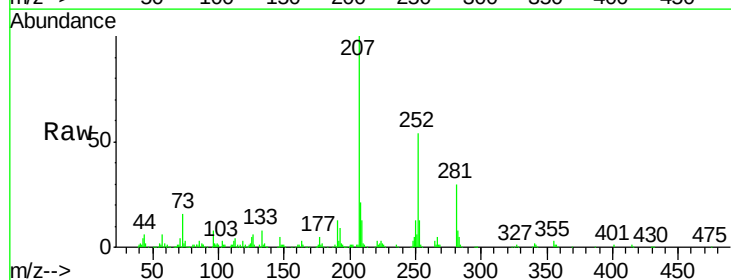
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	22.0	17.8	26.8

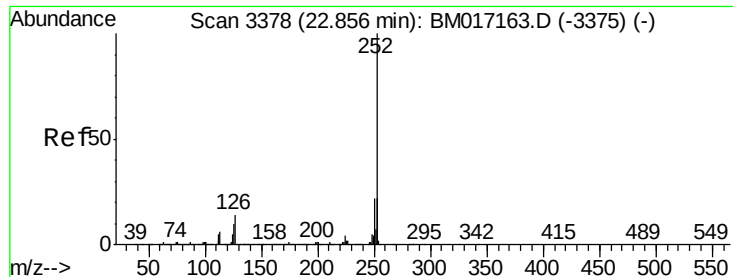


#88
Benzo(b)fluoranthene
Concen: 2.104 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion: 252 Resp: 140610

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	9.5	7.5	11.3

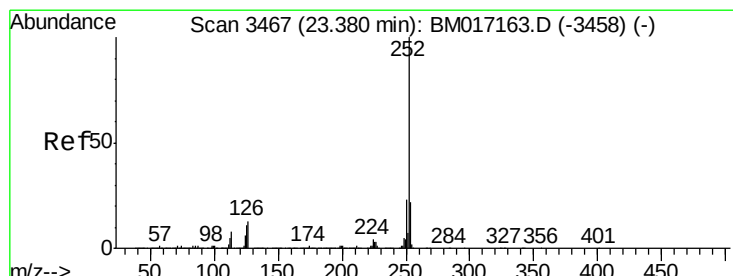
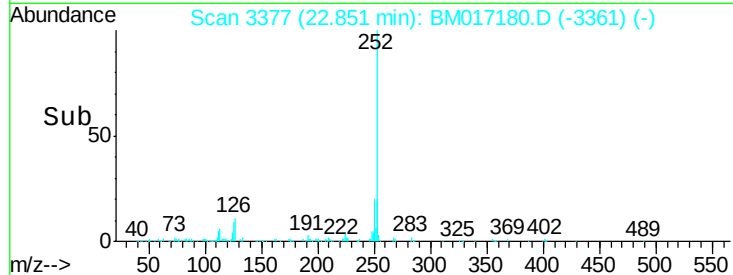
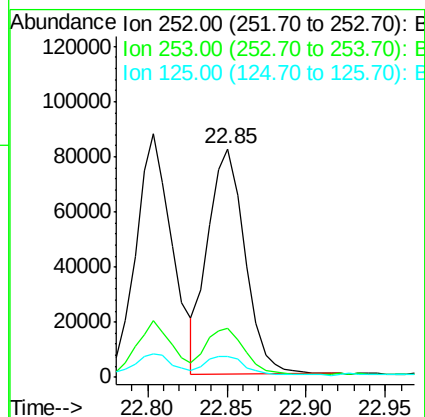
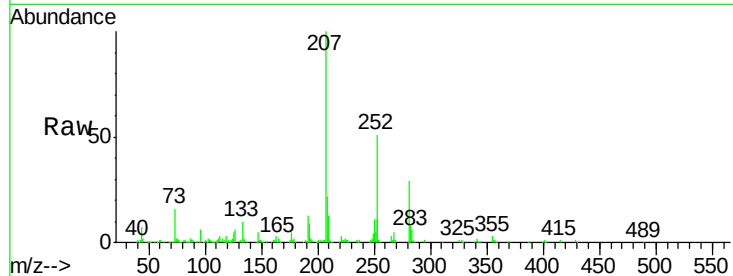




#89
Benzo(k)fluoranthene
Concen: 1.998 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

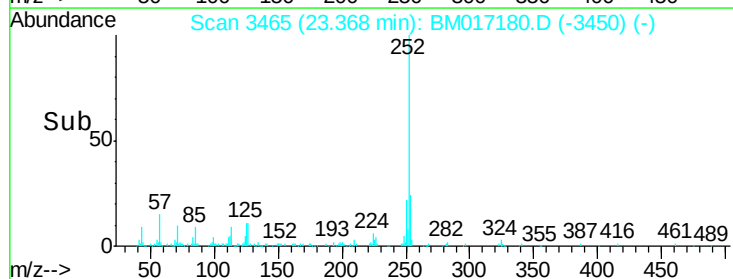
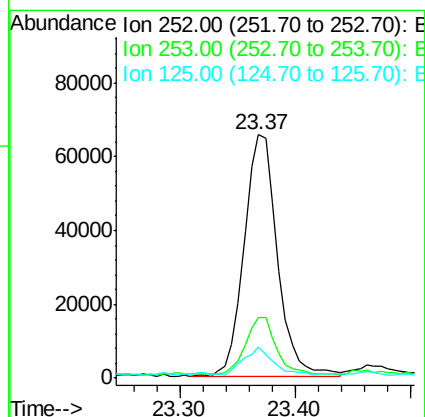
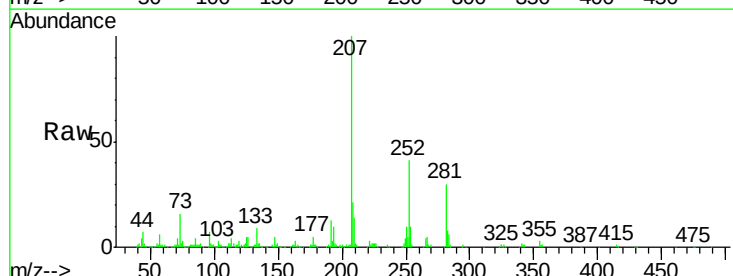
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

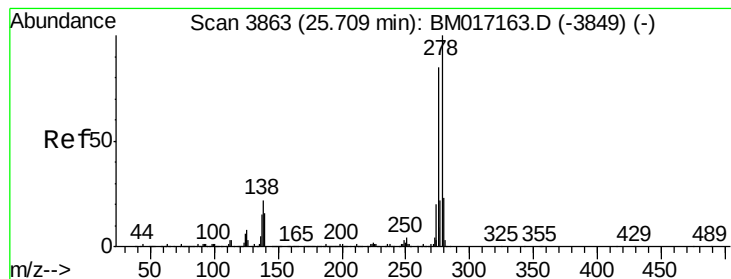
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.3	8.2	12.2



#90
Benzo(a)pyrene
Concen: 2.065 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.0
125	12.7	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 2.103 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

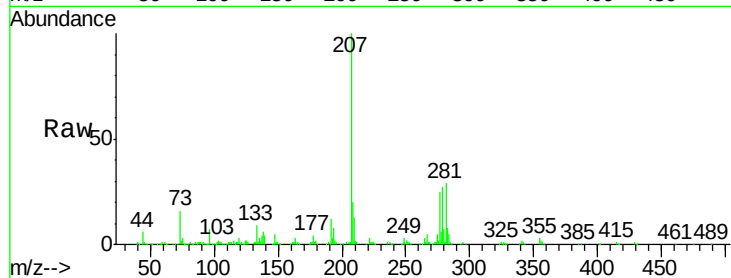
Tgt Ion:278 Resp: 132487

Ion Ratio Lower Upper

278 100

139 15.7 12.7 19.1

279 24.9 18.7 28.1

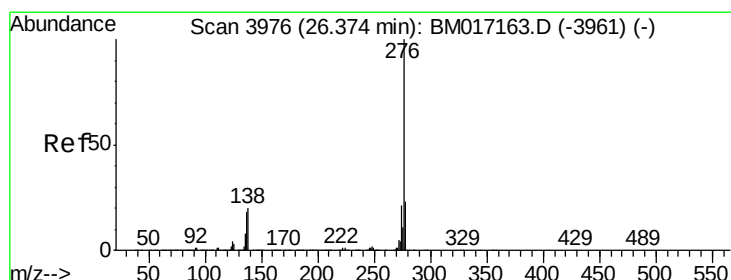
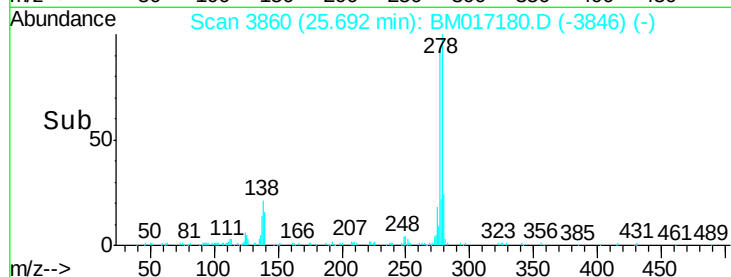
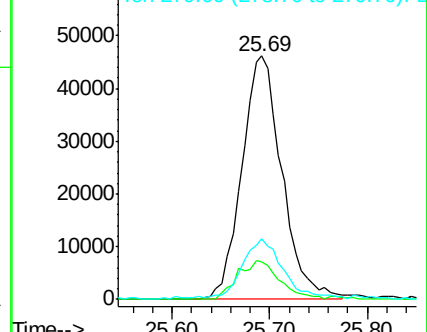


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 2.128 ng

RT: 26.36 min Scan# 3973

Delta R.T. -0.02 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

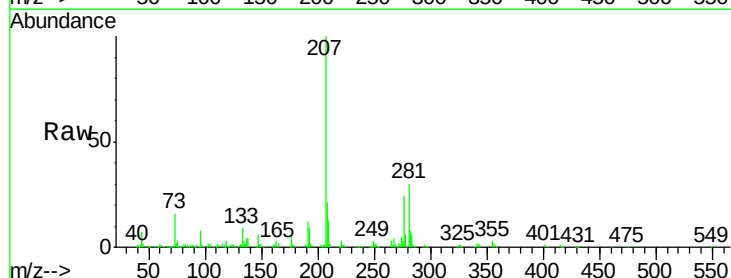
Tgt Ion:276 Resp: 132887

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 17.3 16.4 24.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

