

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
 Data File : BM017181.D
 Acq On : 18 Oct 2018 06:45
 Operator : MJ/SJ
 Sample : J5164-09
 Misc : MDL 5 PPM
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 18 13:03:47 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	184743	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	760096	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	435923	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1039164	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1240625	20.00	ng	-0.01
87) Perylene-d12	23.47	264	1266761	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1603167	146.77	ng	0.00
7) Phenol-d6	6.85	99	2079594	139.79	ng	0.00
23) Nitrobenzene-d5	8.82	82	1210104	93.11	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	908880	154.17	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2905996	88.70	ng	0.00
79) Terphenyl-d14	19.70	244	4633991	84.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	24250	4.348	ng	# 87
3) Pyridine	3.66	79	64747	5.045	ng	# 78
4) n-Nitrosodimethylamine	3.57	42	26912	5.224	ng	# 67
6) Aniline	7.01	93	67654	3.636	ng	94
8) 2-Chlorophenol	7.24	128	65069	5.149	ng	94
9) Benzaldehyde	6.83	77	51058	5.383	ng	93
10) Phenol	6.88	94	82649	5.162	ng	94
11) bis(2-Chloroethyl)ether	7.11	93	61246	4.799	ng	95
12) 1,3-Dichlorobenzene	7.56	146	72598	4.928	ng	96
13) 1,4-Dichlorobenzene	7.70	146	75092	4.989	ng	96
14) 1,2-Dichlorobenzene	8.02	146	74721	5.153	ng	98
15) Benzyl Alcohol	7.92	79	53329	4.904	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	84389	4.733	ng	98
17) 2-Methylphenol	8.11	107	50528	4.917	ng	97
18) Hexachloroethane	8.73	117	25264	4.905	ng	94
19) n-Nitroso-di-n-propylamine	8.47	70	45926	4.688	ng	93
20) 3+4-Methylphenols	8.44	107	66369	4.722	ng	97
22) Acetophenone	8.49	105	96041	4.985	ng	# 99
24) Nitrobenzene	8.86	77	78390	5.702	ng	90
25) Isophorone	9.39	82	117687	5.484	ng	96
26) 2-Nitrophenol	9.57	139	26411	9.321	ng	97
27) 2,4-Dimethylphenol	9.63	122	52341	5.516	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	79759	5.280	ng	97
29) 2,4-Dichlorophenol	10.10	162	52143	4.733	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	67253	5.088	ng	96
31) Naphthalene	10.49	128	200372	5.379	ng	99
32) Benzoic acid	9.70	122	15366	2.170	ng	87
33) 4-Chloroaniline	10.62	127	54923	3.414	ng	# 94
34) Hexachlorobutadiene	10.77	225	42116	5.029	ng	94
35) Caprolactam	11.39	113	13561	3.377	ng	94
36) 4-Chloro-3-methylphenol	11.74	107	58771	4.732	ng	95
37) 2-Methylnaphthalene	12.12	142	147587	5.790	ng	96
38) 1-Methylnaphthalene	12.33	142	136809	5.515	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	76310	4.971	ng	99

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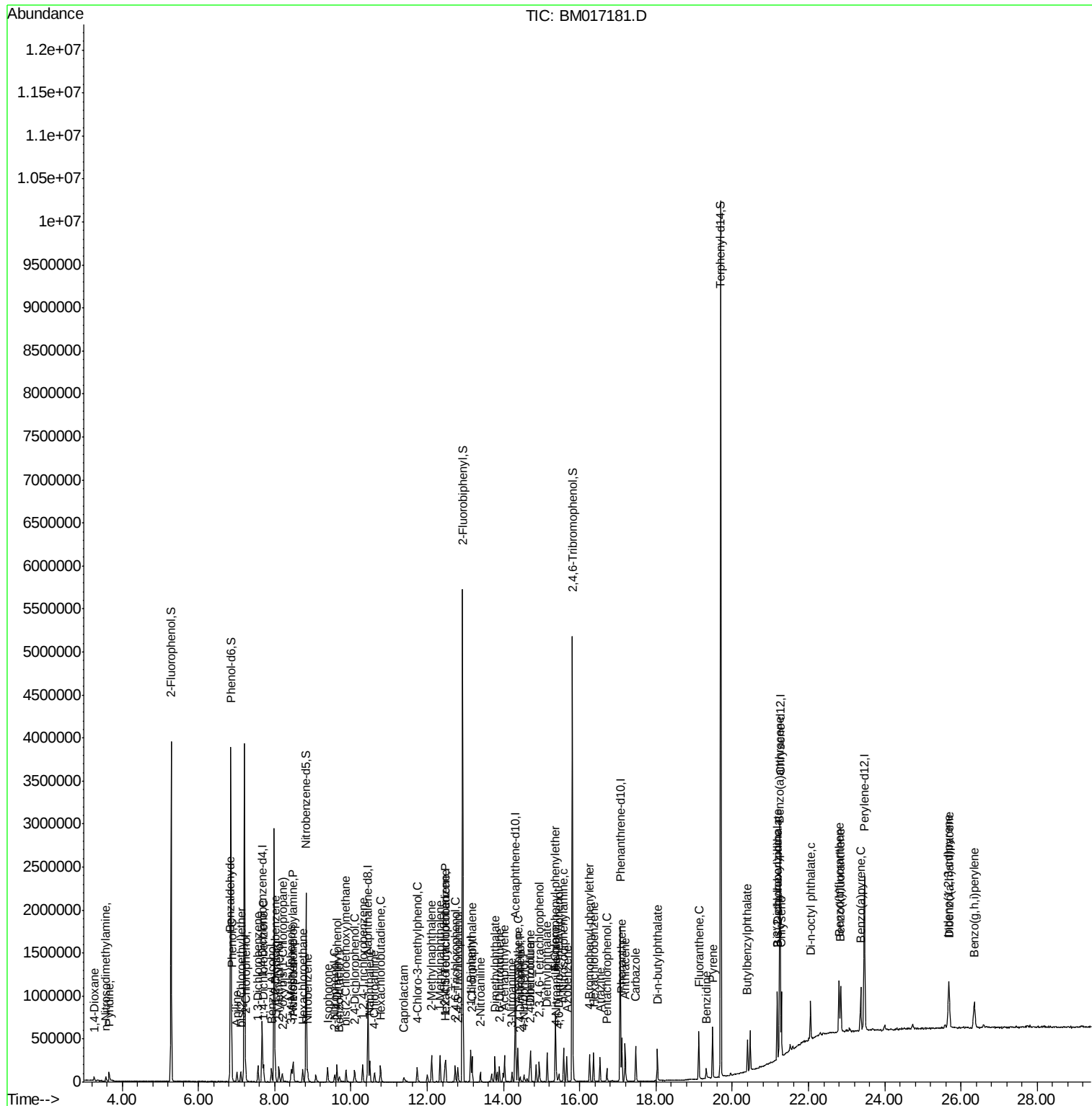
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	45857	6.179	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	42251	4.741	ng	94
44) 2,4,5-Trichlorophenol	12.80	196	47319	4.952	ng	95
46) 1,1'-Biphenyl	13.14	154	190807	4.864	ng	98
47) 2-Chloronaphthalene	13.18	162	147296	5.104	ng	99
48) 2-Nitroaniline	13.39	65	31375	9.080	ng	94
49) Acenaphthylene	14.03	152	220921	5.281	ng	100
50) Dimethylphthalate	13.77	163	180449	5.365	ng	99
51) 2,6-Dinitrotoluene	13.89	165	32358	4.371	ng	92
52) Acenaphthene	14.37	154	137215	5.224	ng	98
53) 3-Nitroaniline	14.23	138	26362	3.288	ng	94
54) 2,4-Dinitrophenol	14.43	184	13420	10.999	ng	93
55) Dibenzofuran	14.71	168	225951	5.173	ng	97
56) 4-Nitrophenol	14.54	139	23133	7.696	ng	# 74
57) 2,4-Dinitrotoluene	14.69	165	41495	4.171	ng	# 79
58) Fluorene	15.36	166	178065	5.508	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	45768	5.254	ng	97
60) Diethylphthalate	15.15	149	176849	5.302	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	95681	5.191	ng	94
62) 4-Nitroaniline	15.39	138	30441	7.820	ng	93
63) Azobenzene	15.66	77	159373	4.916	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	20622	9.642	ng	98
66) n-Nitrosodiphenylamine	15.58	169	150032	4.772	ng	97
67) 4-Bromophenyl-phenylether	16.26	248	56455	4.948	ng	89
68) Hexachlorobenzene	16.36	284	66264	5.000	ng	97
69) Atrazine	16.53	200	52709	4.684	ng	99
70) Pentachlorophenol	16.71	266	28988	3.193	ng	95
71) Phenanthrene	17.10	178	304723	5.435	ng	98
72) Anthracene	17.19	178	284425	5.339	ng	98
73) Carbazole	17.47	167	252768	4.645	ng	99
74) Di-n-butylphthalate	18.04	149	254752	4.438	ng	100
75) Fluoranthene	19.12	202	340762	5.401	ng	99
77) Benzidine	19.32	184	76625	2.436	ng	98
78) Pyrene	19.49	202	352766	5.088	ng	99
80) Butylbenzylphthalate	20.40	149	106776	10.618	ng	93
81) Benzo(a)anthracene	21.24	228	370656	5.309	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	84406	3.244	ng	96
83) Chrysene	21.29	228	371847	5.381	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	155588	8.736	ng	99
85) Di-n-octyl phthalate	22.05	149	264865	8.995	ng	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	414753	5.366	ng	99
88) Benzo(b)fluoranthene	22.80	252	387970	5.602	ng	98
89) Benzo(k)fluoranthene	22.84	252	352683	5.075	ng	98
90) Benzo(a)pyrene	23.37	252	349214	5.311	ng	98
91) Dibenzo(a,h)anthracene	25.69	278	353940	5.421	ng	98
92) Benzo(g,h,i)perylene	26.35	276	359254	5.551	ng	98

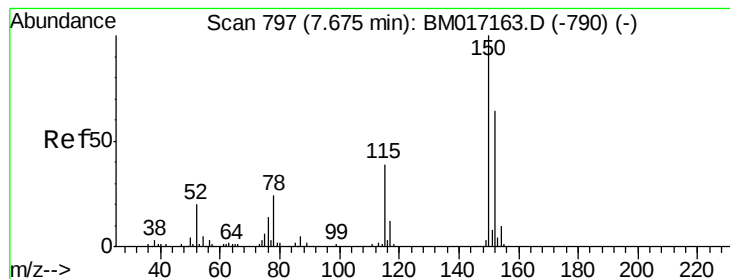
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.67 min Scan# 796

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

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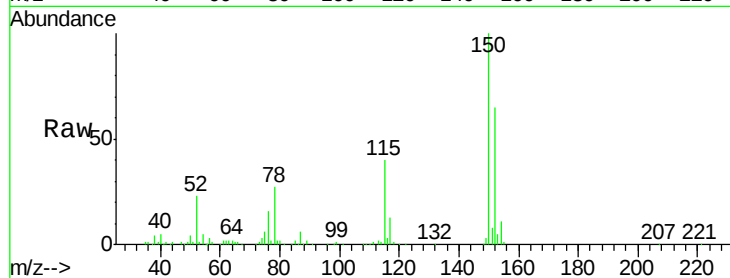
Tgt Ion:152 Resp: 184743

Ion Ratio Lower Upper

152 100

150 153.5 124.3 186.5

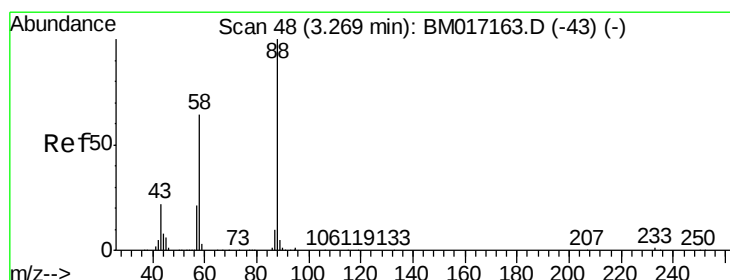
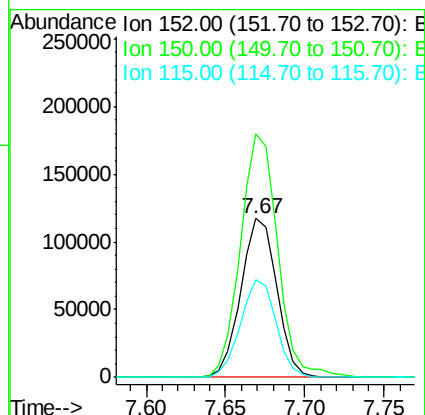
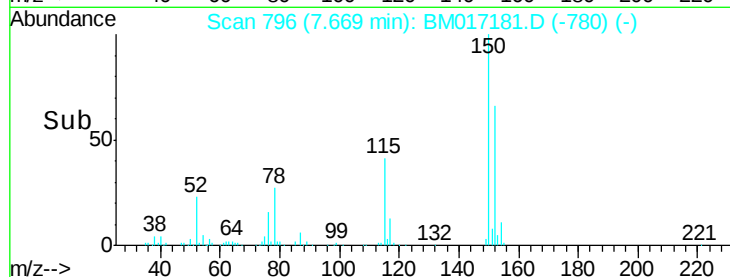
115 61.8 48.1 72.1



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: 4.348 ng

RT: 3.27 min Scan# 48

Delta R.T. 0.00 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

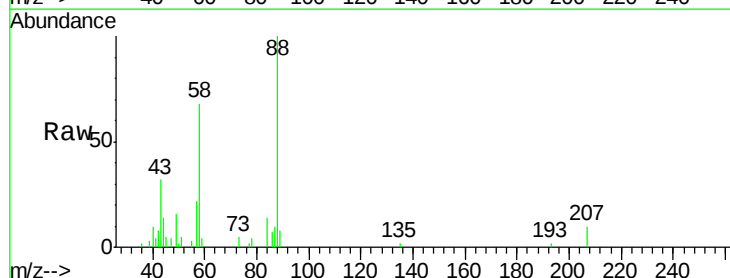
Tgt Ion: 88 Resp: 24250

Ion Ratio Lower Upper

88 100

58 72.8 50.2 75.4

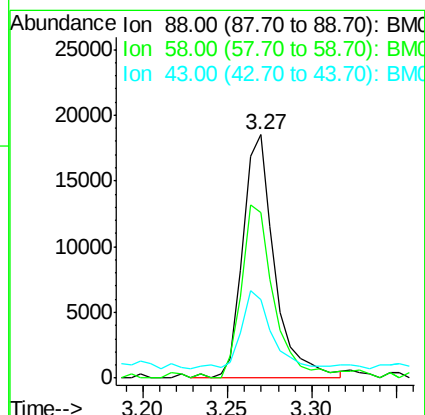
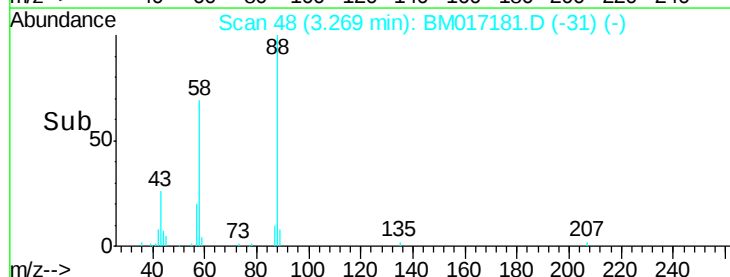
43 30.5 19.3 28.9#

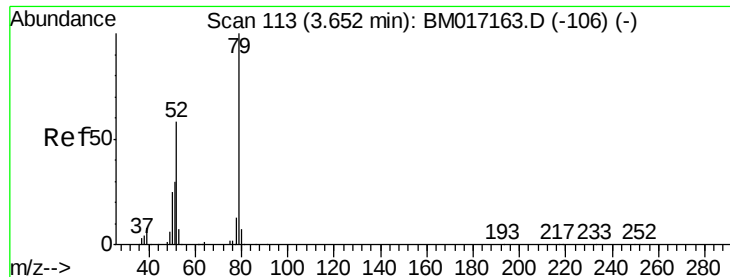


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 5.045 ng

RT: 3.66 min Scan# 114

Delta R.T. 0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

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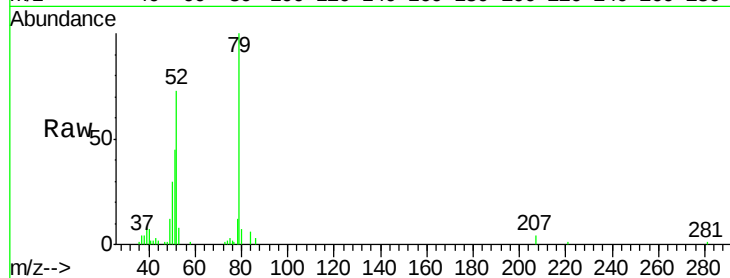
Tgt Ion: 79 Resp: 64747

Ion Ratio Lower Upper

79 100

52 73.3 46.5 69.7#

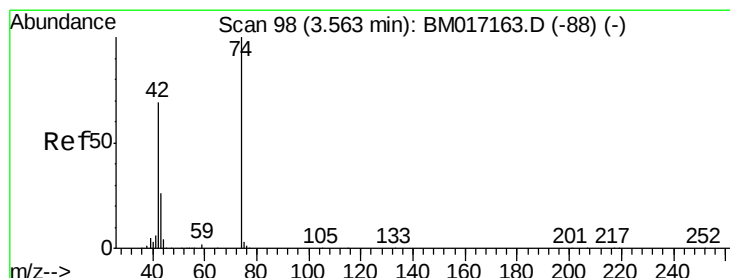
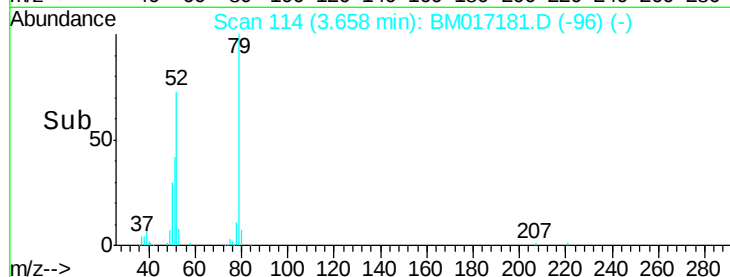
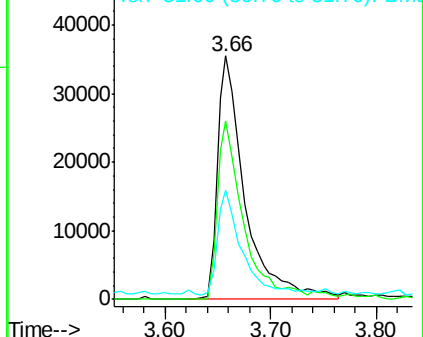
51 44.6 24.6 37.0#



Abundance Ion 79.00 (78.70 to 79.70): BM017181.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017181.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017181.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 5.224 ng

RT: 3.57 min Scan# 99

Delta R.T. 0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

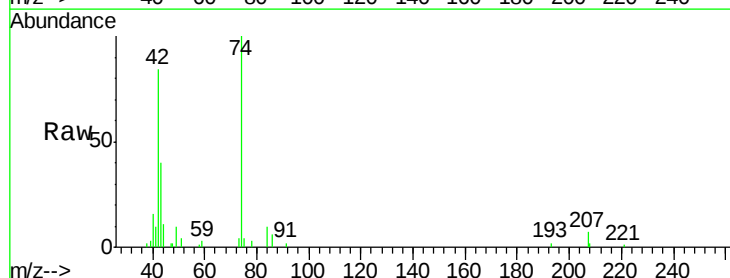
Tgt Ion: 42 Resp: 26912

Ion Ratio Lower Upper

42 100

74 118.6 114.4 171.6

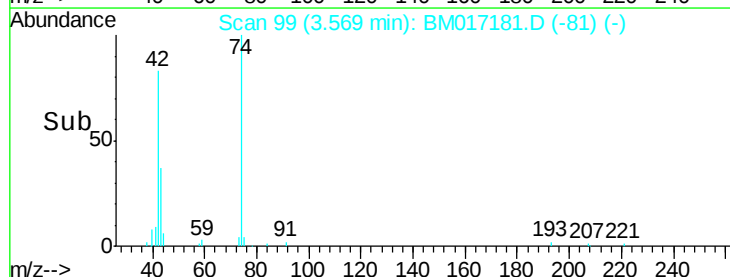
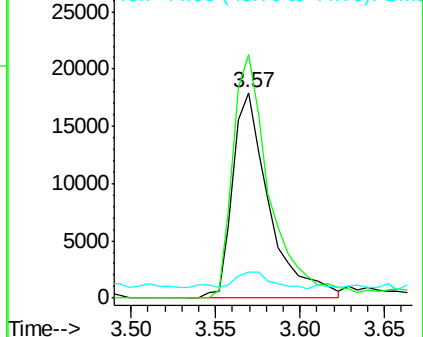
44 12.8 48.6 73.0#

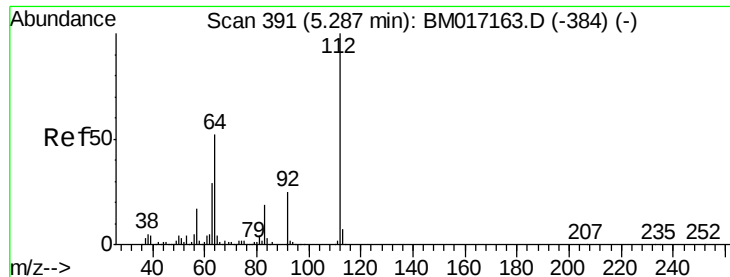


Abundance Ion 42.00 (41.70 to 42.70): BM017181.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017181.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017181.D (-88) (-)





#5

2-Fluorophenol

Concen: 146.771 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

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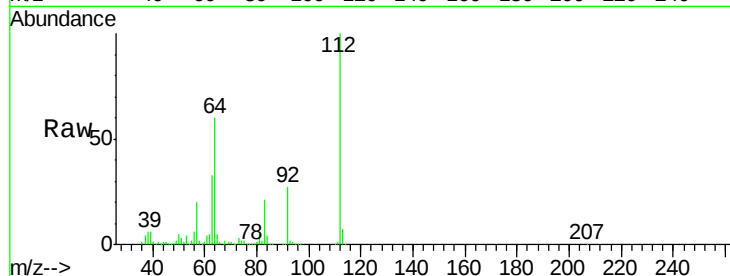
Tgt Ion: 112 Resp: 1603167

Ion Ratio Lower Upper

112 100

64 60.1 41.7 62.5

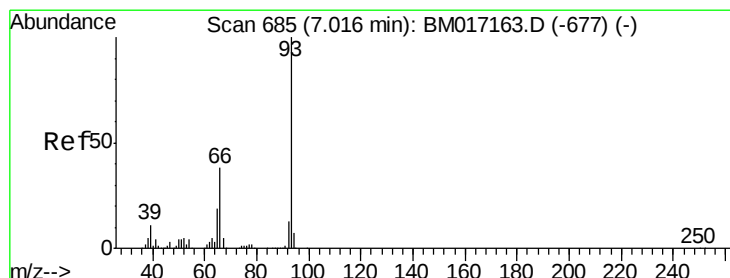
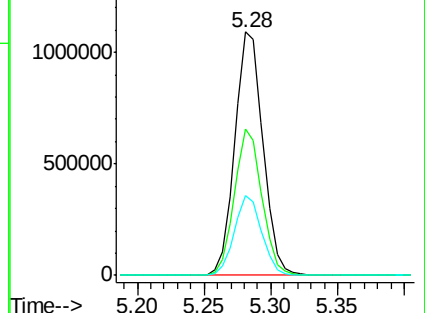
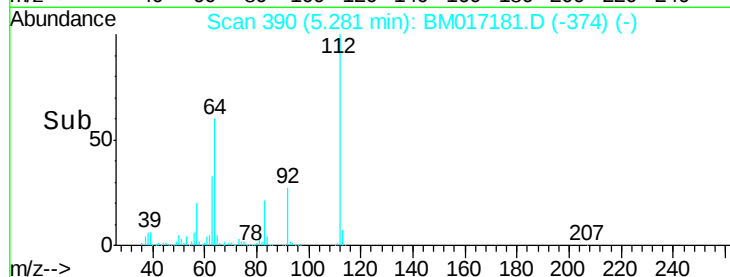
63 32.7 23.0 34.4



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: 3.636 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

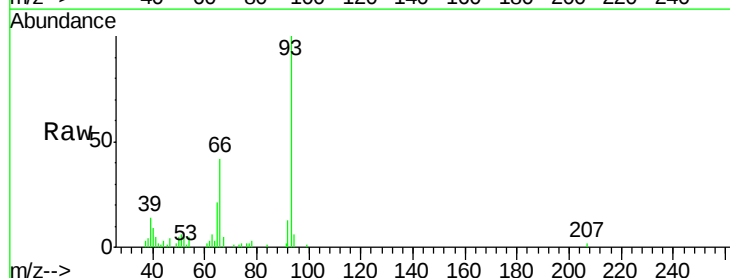
Tgt Ion: 93 Resp: 67654

Ion Ratio Lower Upper

93 100

66 41.9 30.4 45.6

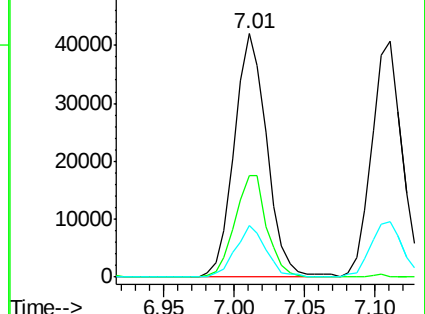
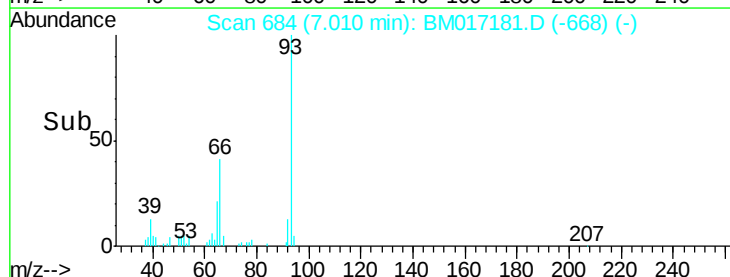
65 21.3 15.3 22.9

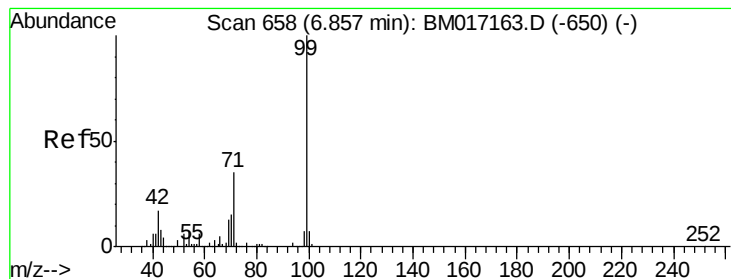


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 139.792 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

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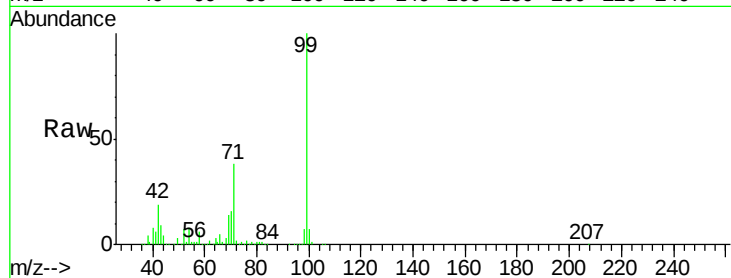
Tgt Ion: 99 Resp: 2079594

Ion Ratio Lower Upper

99 100

42 18.8 13.3 19.9

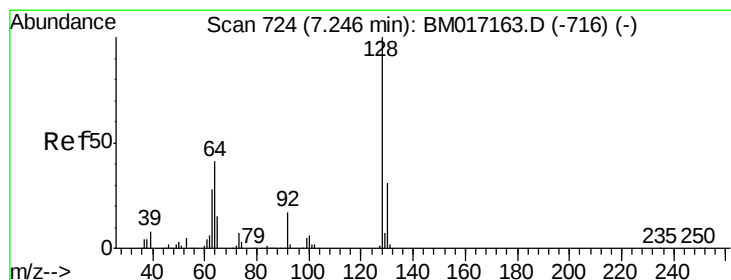
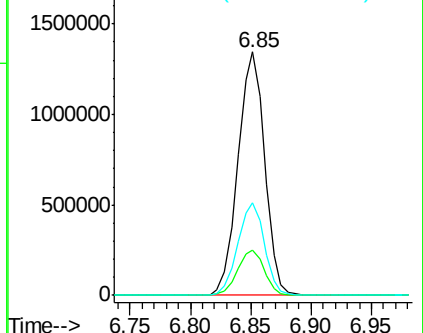
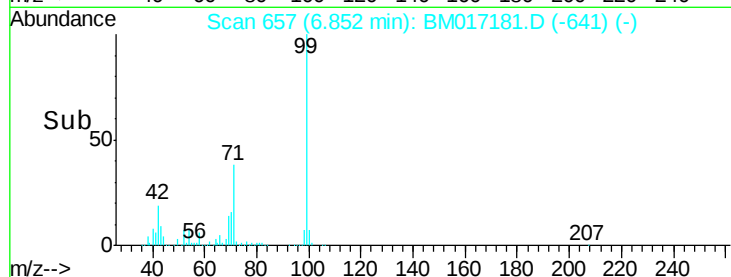
71 37.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017181.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017181.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017181.D (-641) (-)



#8

2-Chlorophenol

Concen: 5.149 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

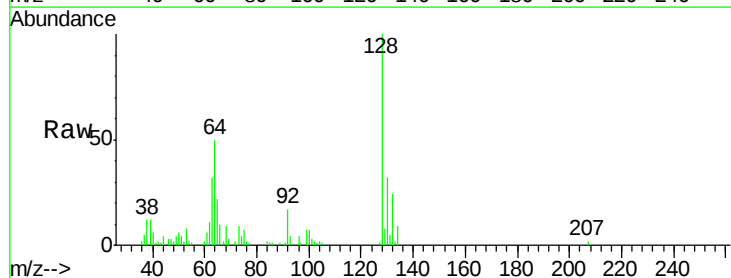
Tgt Ion: 128 Resp: 65069

Ion Ratio Lower Upper

128 100

130 32.2 11.0 51.0

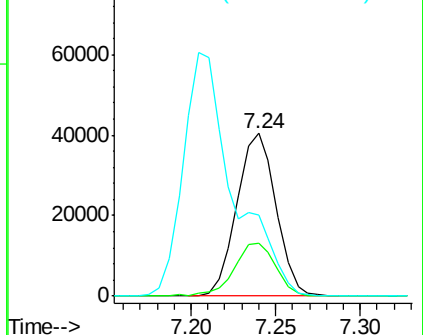
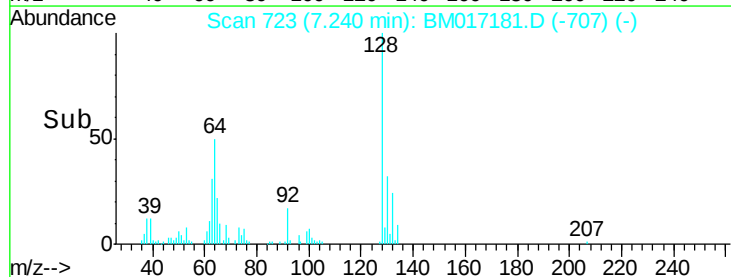
64 49.8 24.1 64.1

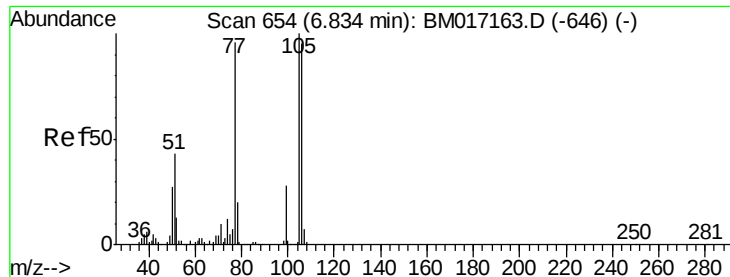


Abundance Ion 128.00 (127.70 to 128.70): BM017181.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM017181.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM017181.D (-707) (-)





#9

Benzaldehyde

Concen: 5.383 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.00 min

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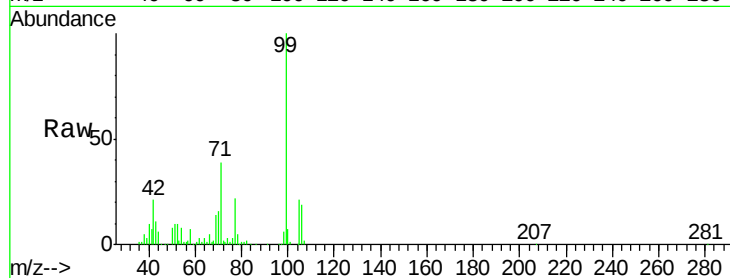
Tgt Ion: 77 Resp: 51058

Ion Ratio Lower Upper

77 100

105 99.6 83.9 123.9

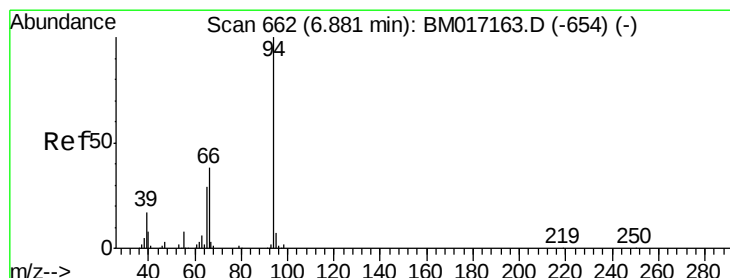
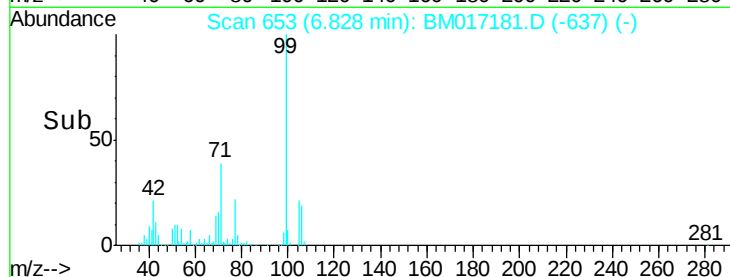
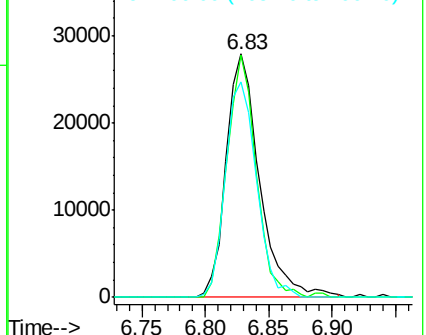
106 88.7 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017181.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM017181.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM017181.D (-637) (-)



#10

Phenol

Concen: 5.162 ng

RT: 6.88 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

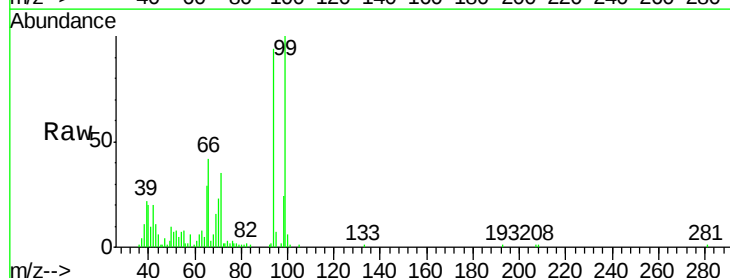
Tgt Ion: 94 Resp: 82649

Ion Ratio Lower Upper

94 100

65 30.5 9.4 49.4

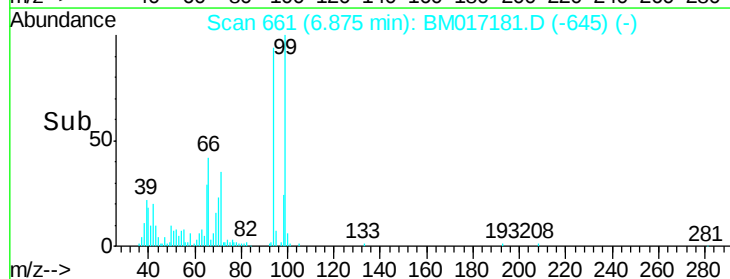
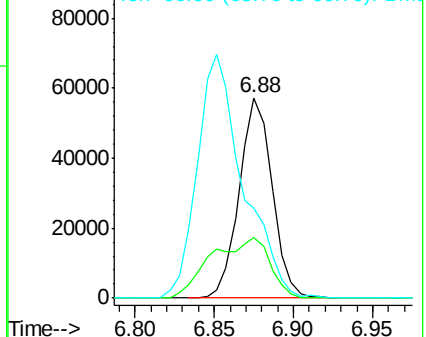
66 44.8 19.0 59.0

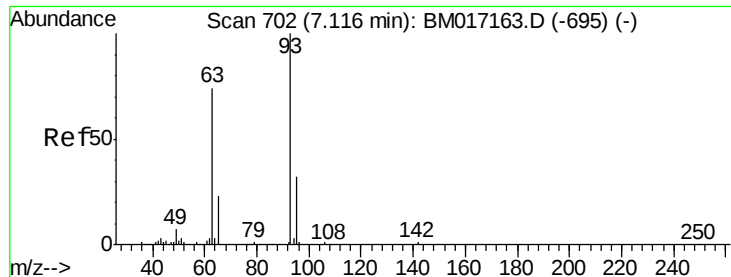


Abundance Ion 94.00 (93.70 to 94.70): BM017181.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017181.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017181.D (-645) (-)





#11

bis(2-Chloroethyl)ether

Concen: 4.799 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

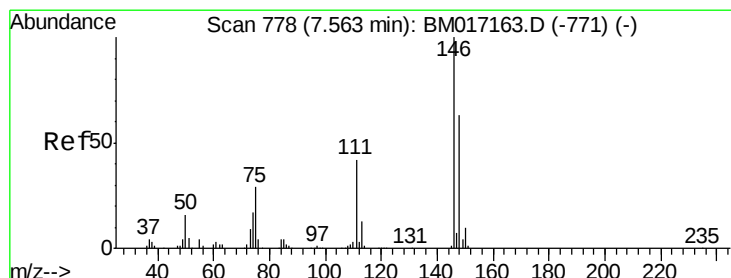
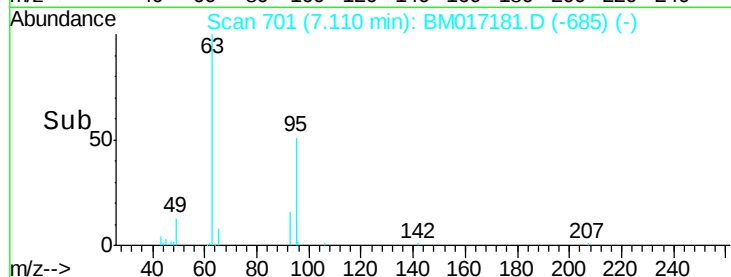
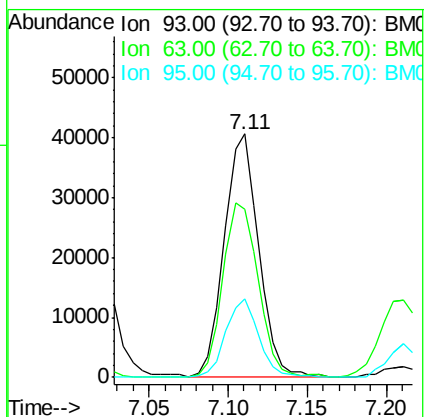
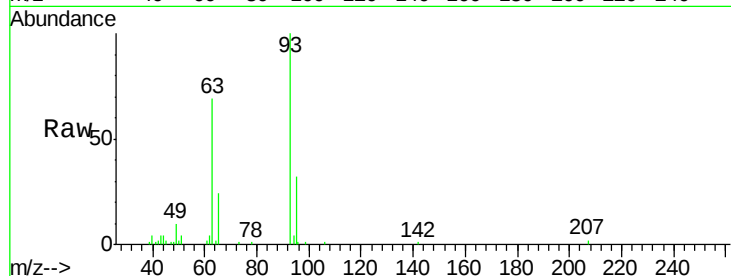
Tgt Ion: 93 Resp: 61246

Ion Ratio Lower Upper

93 100

63 68.8 54.0 94.0

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 4.928 ng

RT: 7.56 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

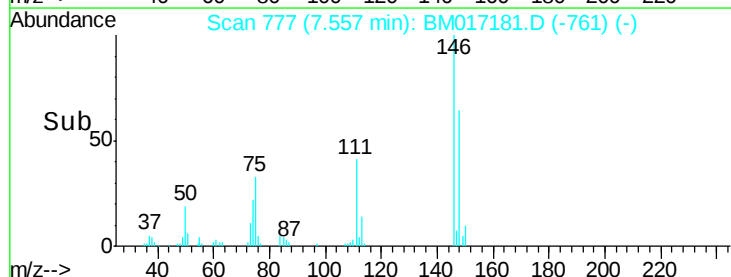
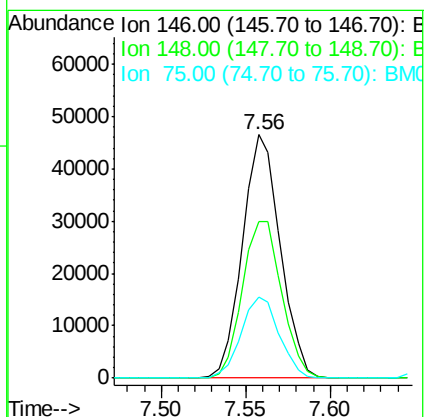
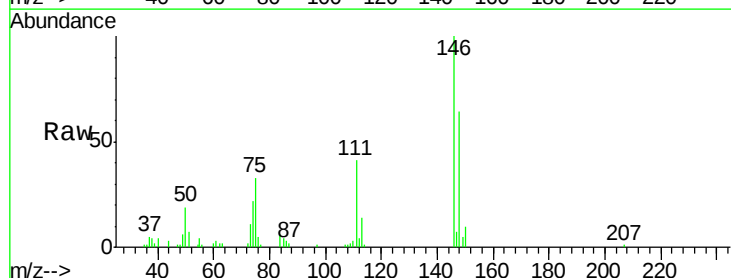
Tgt Ion: 146 Resp: 72598

Ion Ratio Lower Upper

146 100

148 64.5 50.2 75.4

75 33.0 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 4.989 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

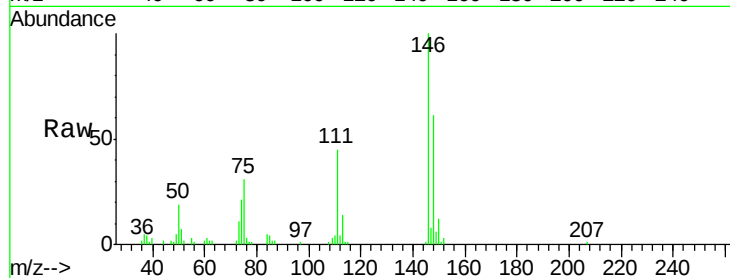
Tgt Ion:146 Resp: 75092

Ion Ratio Lower Upper

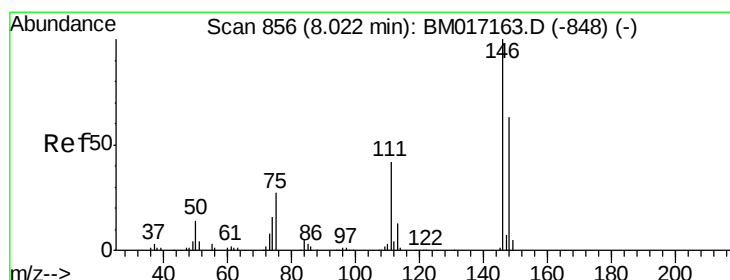
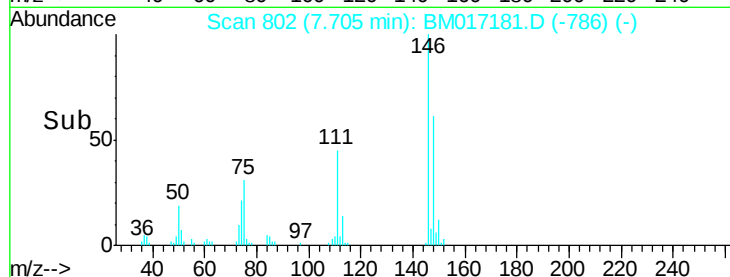
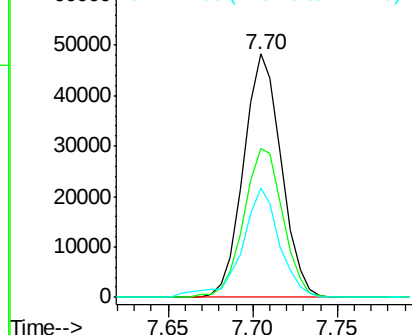
146 100

148 61.3 49.8 74.6

111 44.8 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: 5.153 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

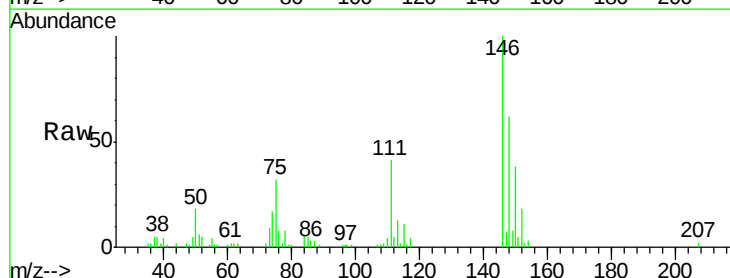
Tgt Ion:146 Resp: 74721

Ion Ratio Lower Upper

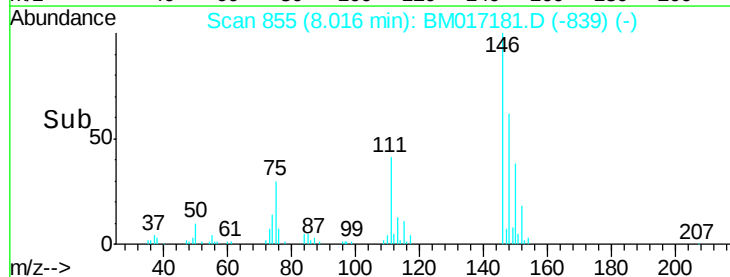
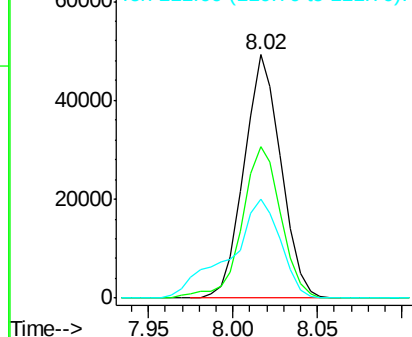
146 100

148 62.2 50.8 76.2

111 40.9 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: 4.904 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

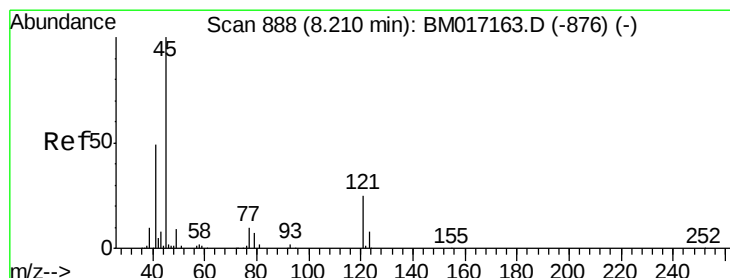
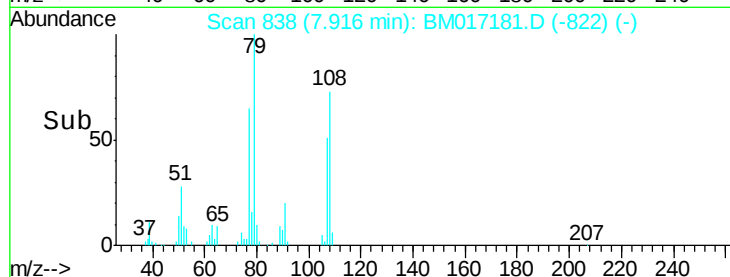
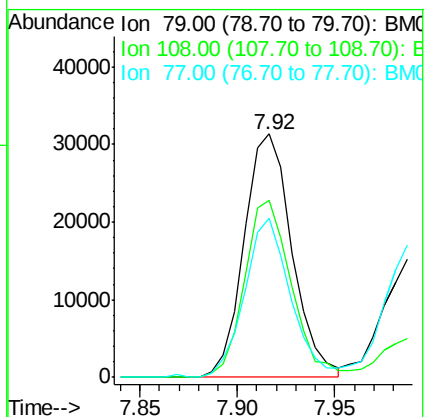
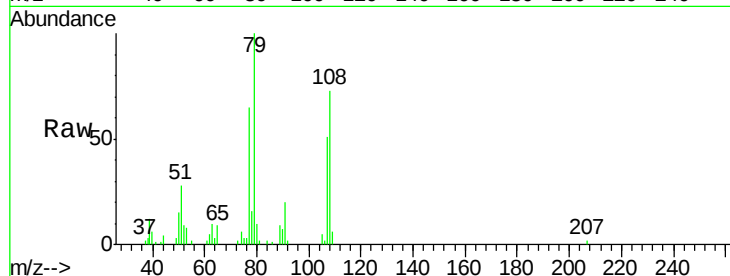
Tgt Ion: 79 Resp: 53329

Ion Ratio Lower Upper

79 100

108 72.6 60.3 90.5

77 65.2 54.8 82.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.733 ng

RT: 8.20 min Scan# 887

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

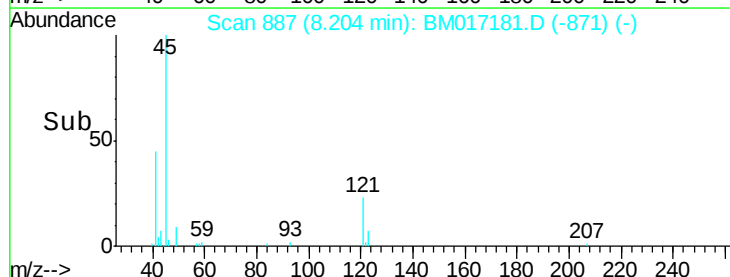
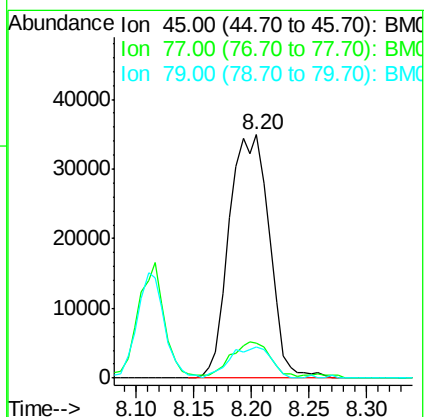
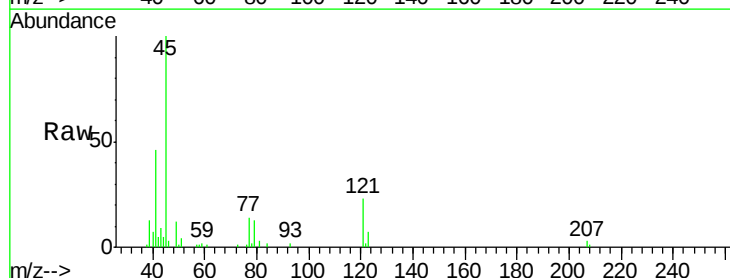
Tgt Ion: 45 Resp: 84389

Ion Ratio Lower Upper

45 100

77 14.1 0.0 35.5

79 12.5 0.0 32.1

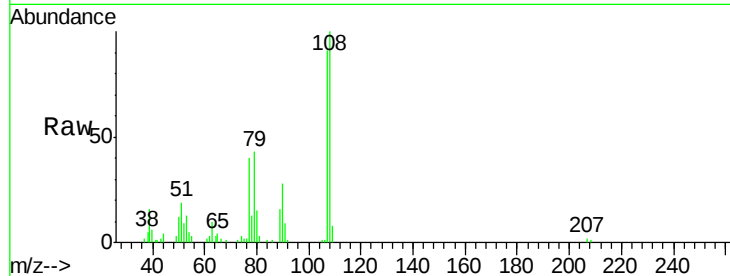




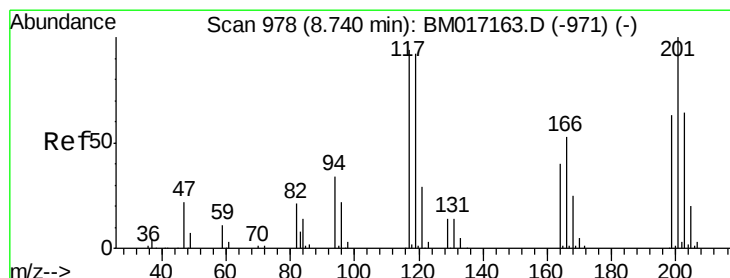
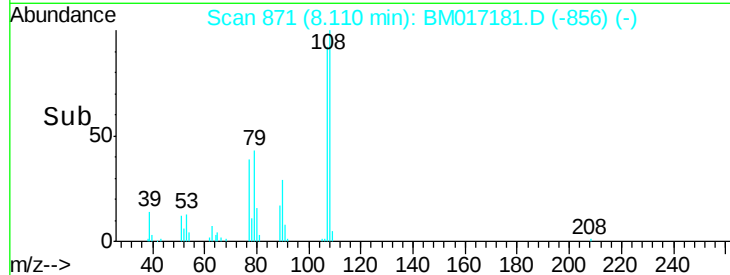
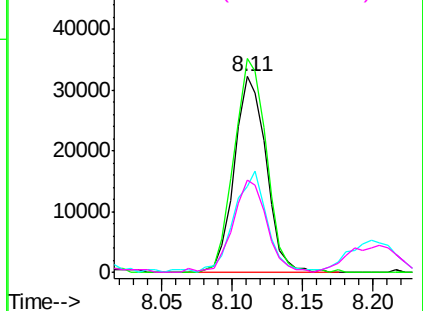
#17
2-Methylphenol
Concen: 4.917 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tgt Ion:107 Resp: 50528
Ion Ratio Lower Upper
107 100
108 109.4 90.3 135.5
77 43.6 37.0 55.4
79 46.9 35.8 53.6

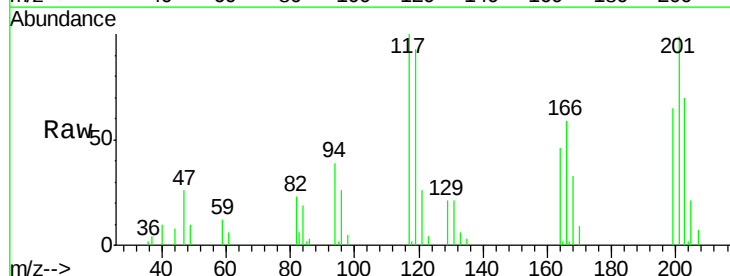


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

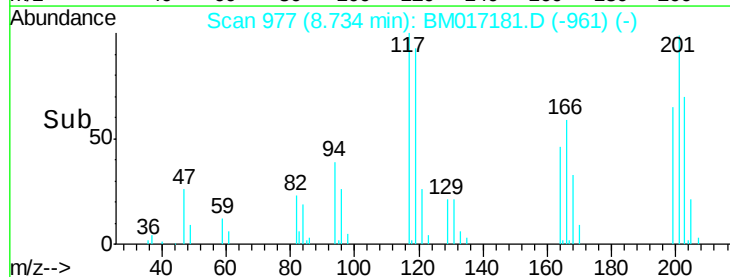
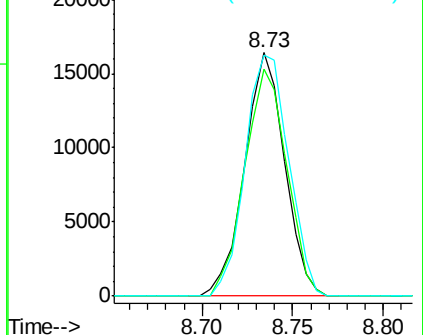


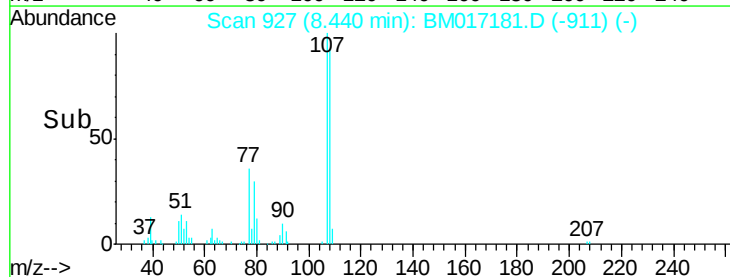
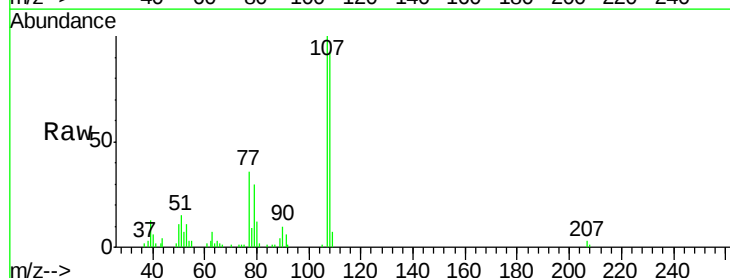
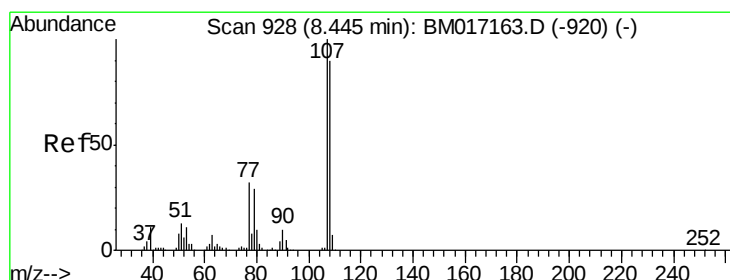
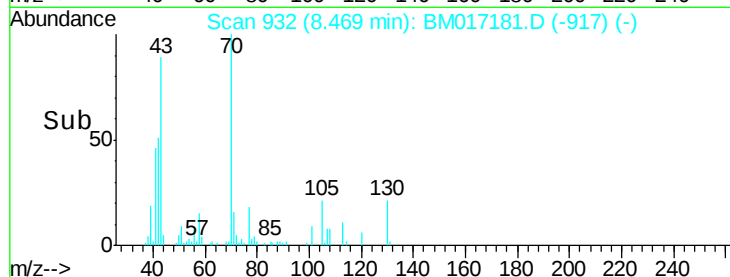
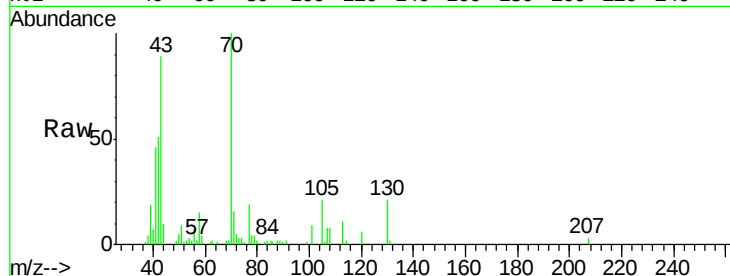
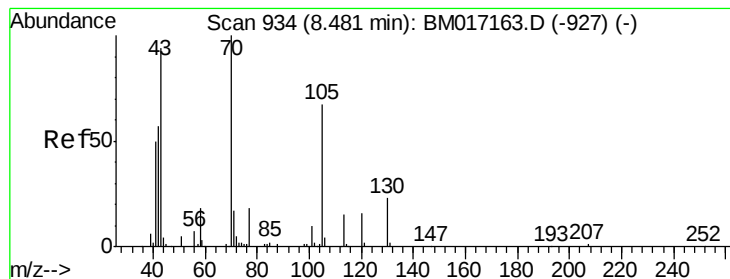
#18
Hexachloroethane
Concen: 4.905 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion:117 Resp: 25264
Ion Ratio Lower Upper
117 100
119 93.2 78.2 117.2
201 99.0 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: 4.688 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 70 Resp: 45926

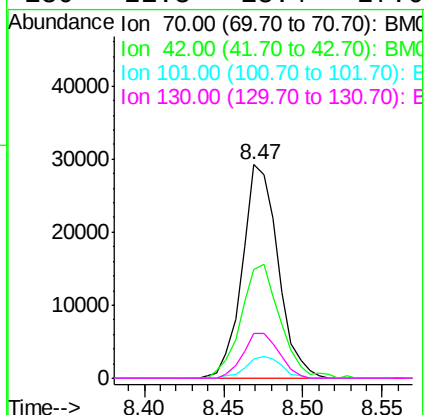
Ion Ratio Lower Upper

70 100

42 50.8 46.1 69.1

101 9.1 8.2 12.4

130 21.3 18.4 27.6



#20

3+4-Methylphenols

Concen: 4.722 ng

RT: 8.44 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion: 107 Resp: 66369

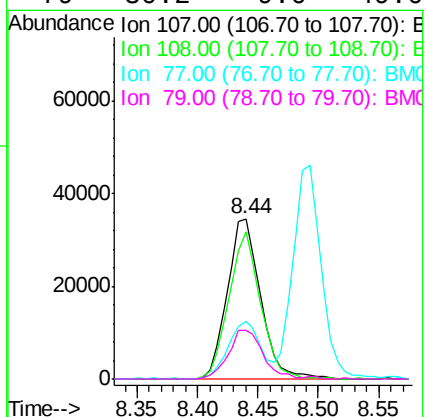
Ion Ratio Lower Upper

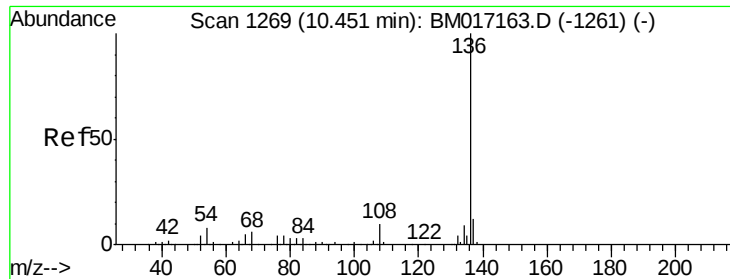
107 100

108 91.9 69.9 109.9

77 36.0 12.2 52.2

79 30.2 9.0 49.0

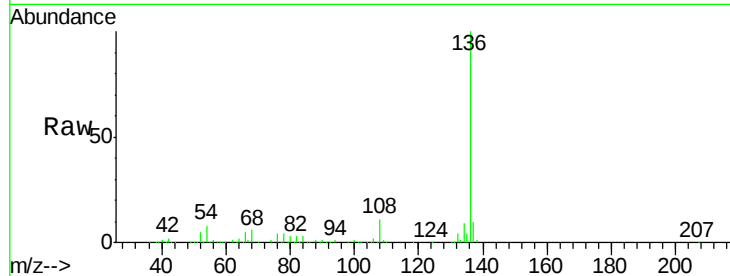




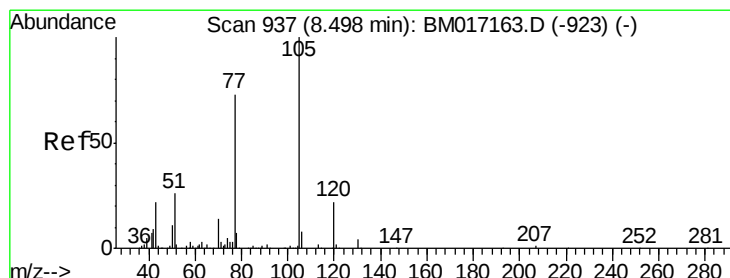
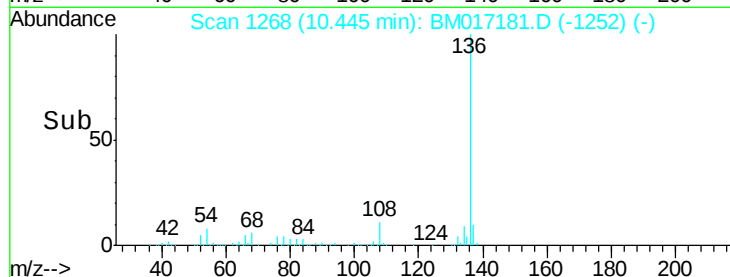
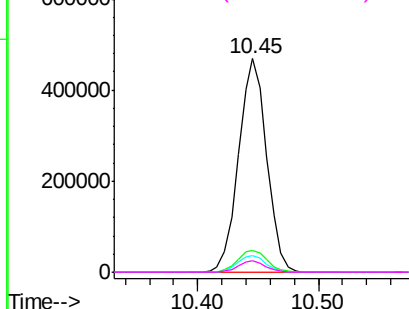
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tgt Ion:	136	Resp:	760096
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	7.9	6.7	10.1
68	5.6	4.7	7.1

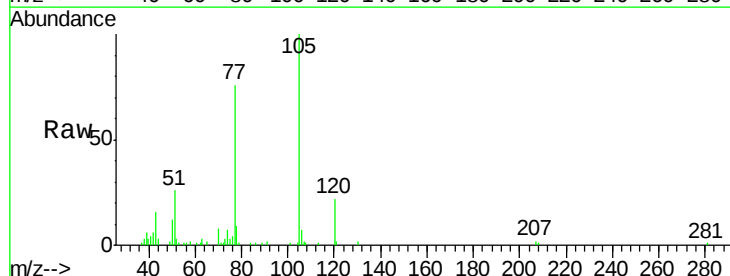


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

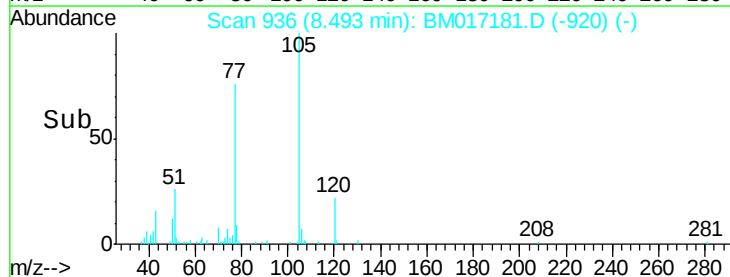
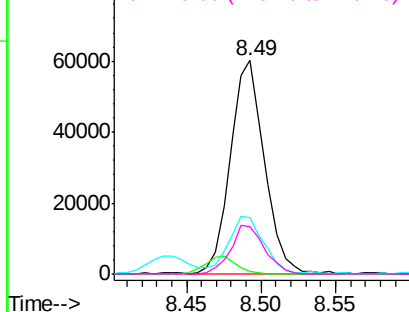


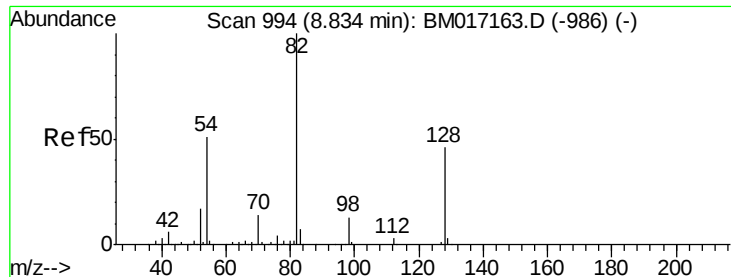
#22
Acetophenone
Concen: 4.985 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion:	105	Resp:	96041
Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.0	3.0#
51	26.4	20.6	31.0
120	22.3	17.5	26.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

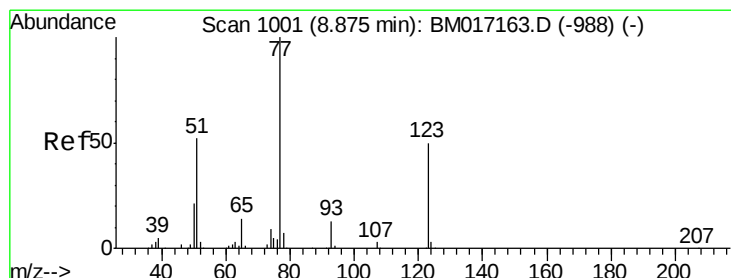
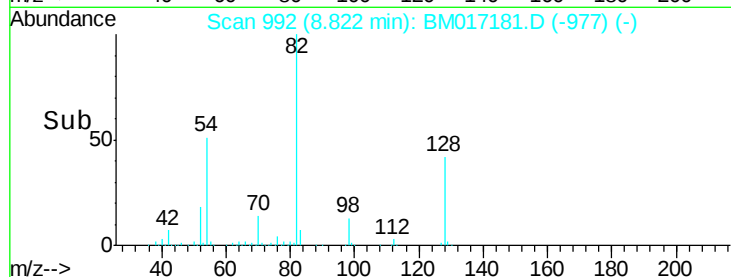
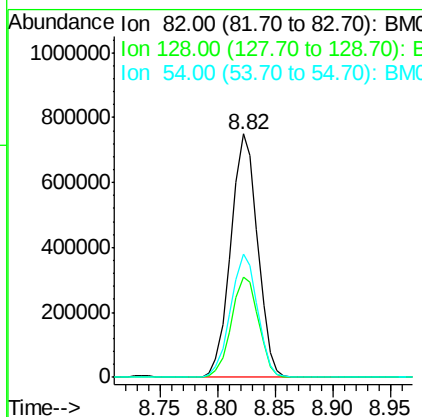
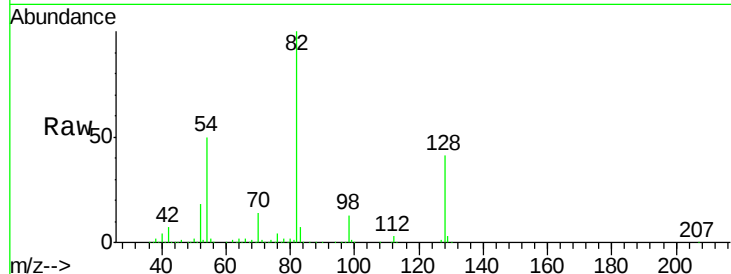




#23
 Nitrobenzene-d5
 Concen: 93.112 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

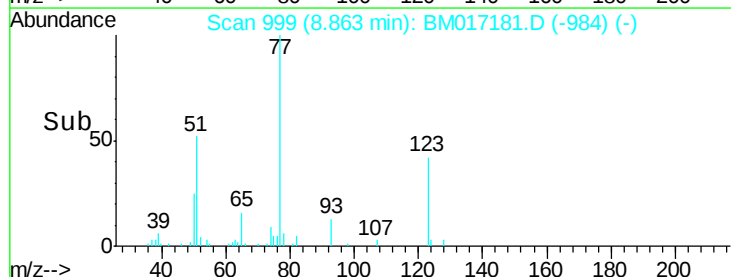
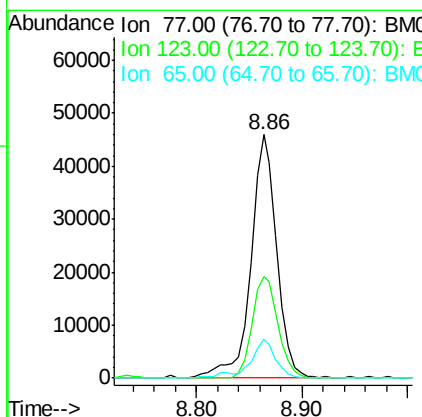
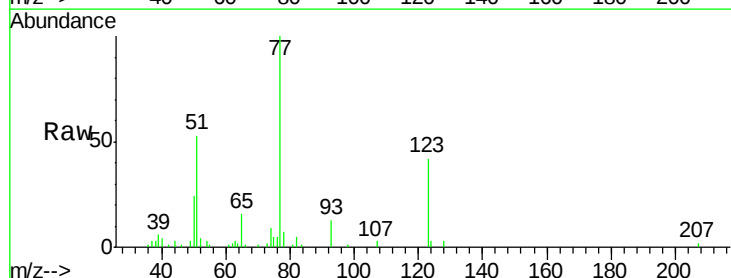
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

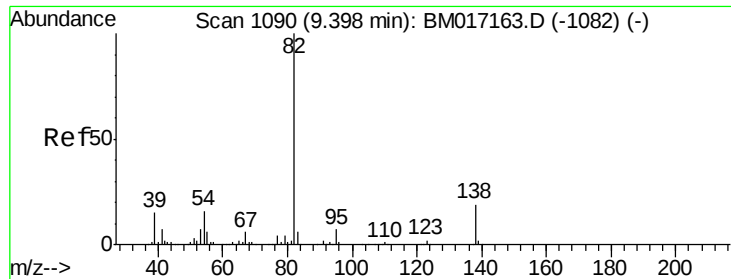
Tgt Ion: 82 Resp: 1210104
 Ion Ratio Lower Upper
 82 100
 128 41.3 37.0 55.6
 54 50.4 40.7 61.1



#24
 Nitrobenzene
 Concen: 5.702 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion: 77 Resp: 78390
 Ion Ratio Lower Upper
 77 100
 123 41.8 40.2 60.4
 65 15.9 11.4 17.0

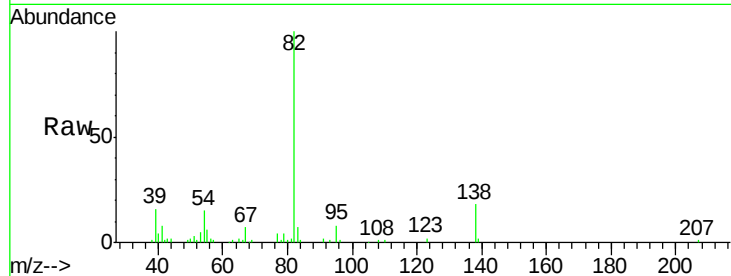




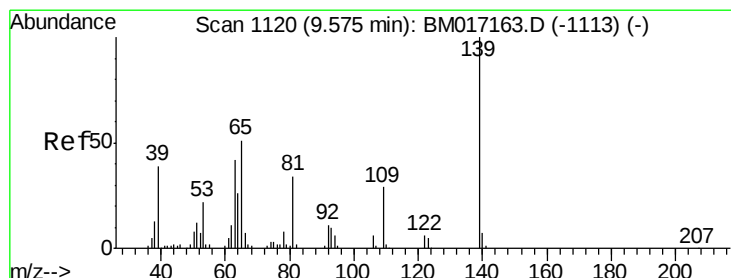
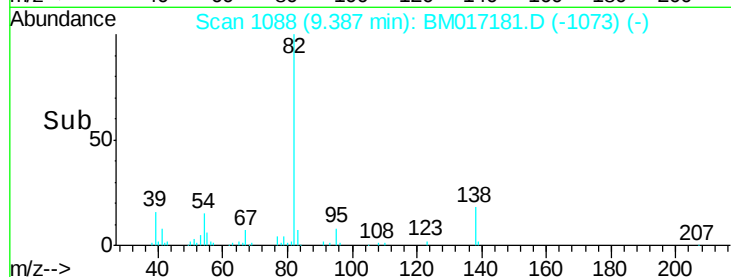
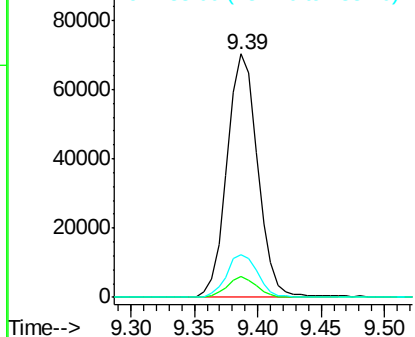
#25
Isophorone
Concen: 5.484 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tgt Ion: 82 Resp: 117687
Ion Ratio Lower Upper
82 100
95 8.3 6.0 9.0
138 17.5 15.4 23.2

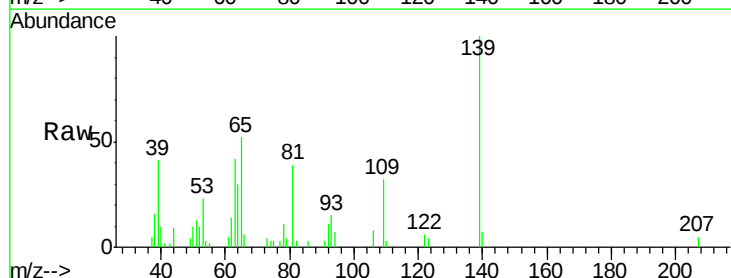


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

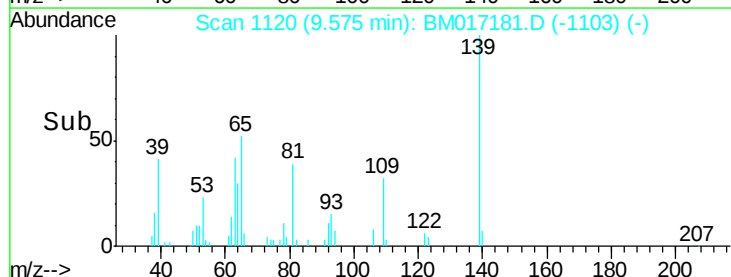
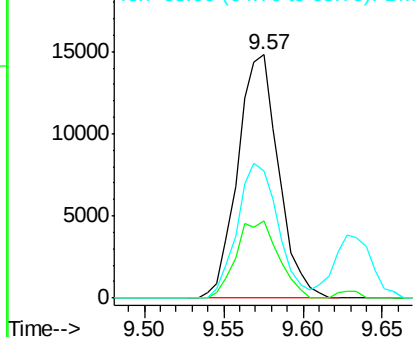


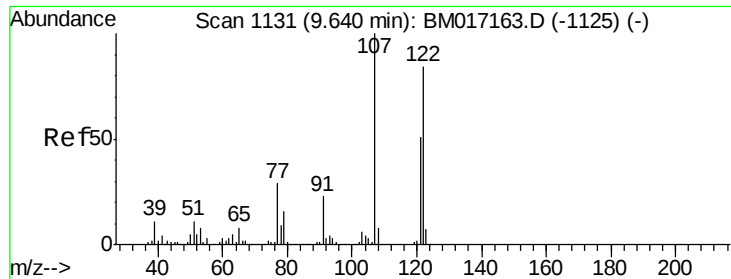
#26
2-Nitrophenol
Concen: 9.321 ng
RT: 9.57 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion: 139 Resp: 26411
Ion Ratio Lower Upper
139 100
109 31.5 23.2 34.8
65 52.1 40.6 61.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

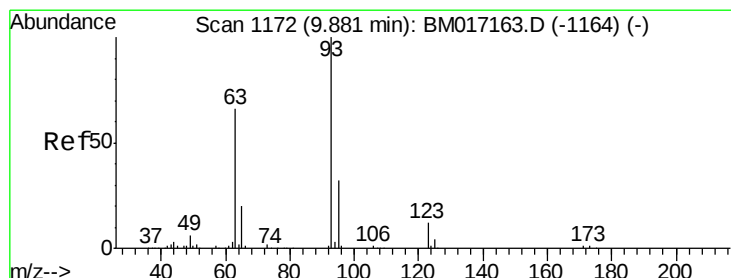
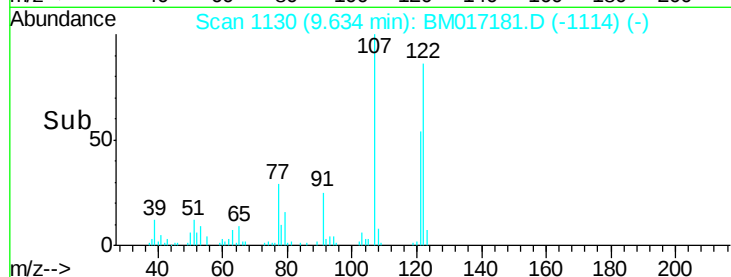
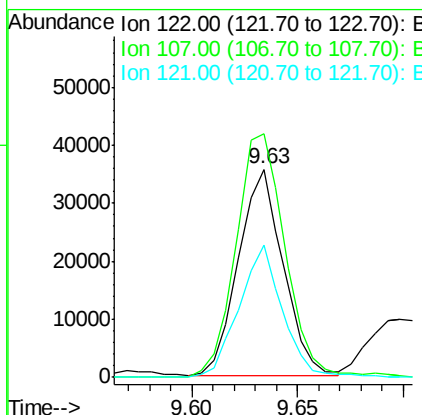
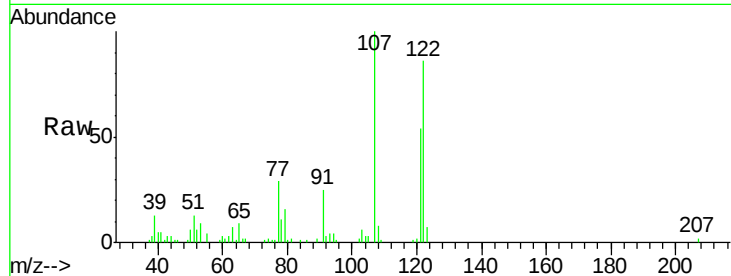




#27
 2,4-Dimethylphenol
 Concen: 5.516 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

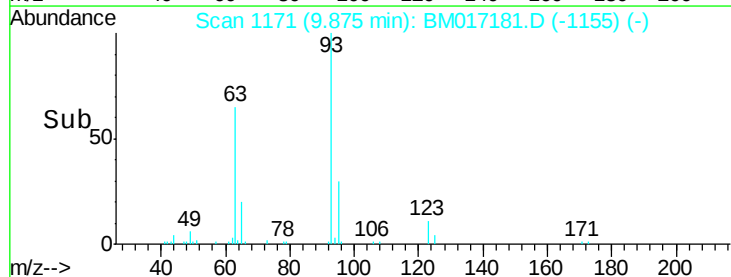
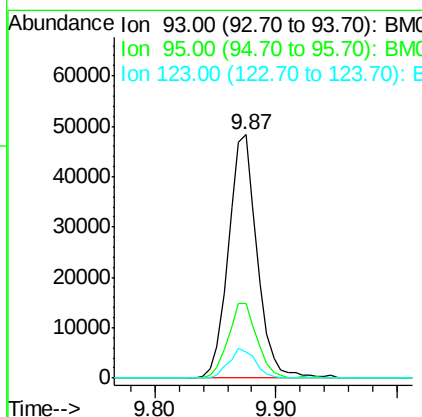
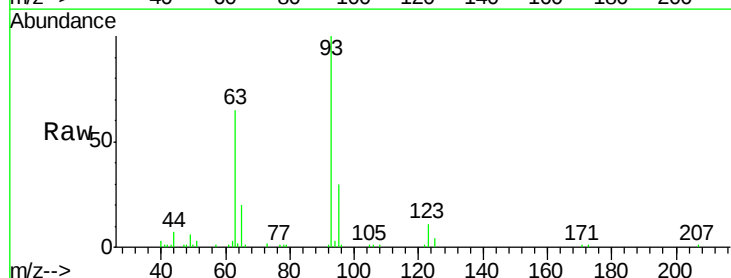
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

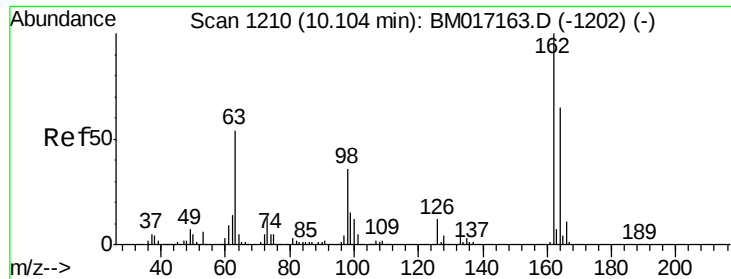
Tgt Ion: 122 Resp: 52341
 Ion Ratio Lower Upper
 122 100
 107 116.9 95.0 142.6
 121 63.7 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.280 ng
 RT: 9.87 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion: 93 Resp: 79759
 Ion Ratio Lower Upper
 93 100
 95 30.4 25.7 38.5
 123 10.8 9.4 14.0

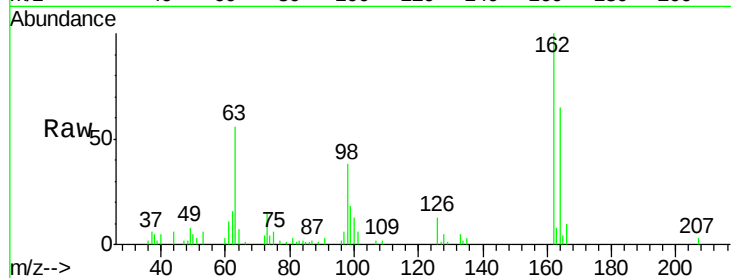




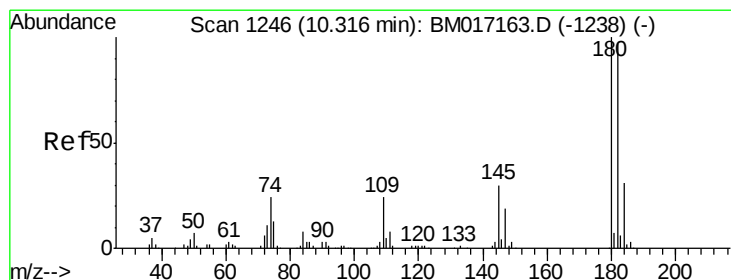
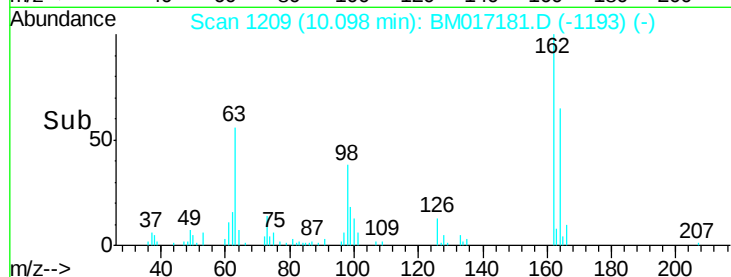
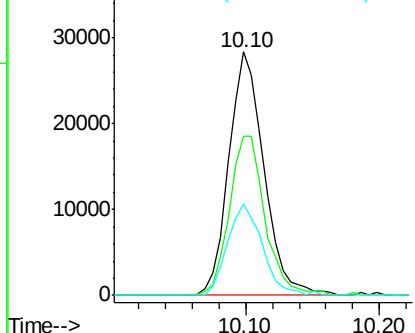
#29
 2,4-Dichlorophenol
 Concen: 4.733 ng
 RT: 10.10 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.9	84.9
98	37.6	15.8	55.8

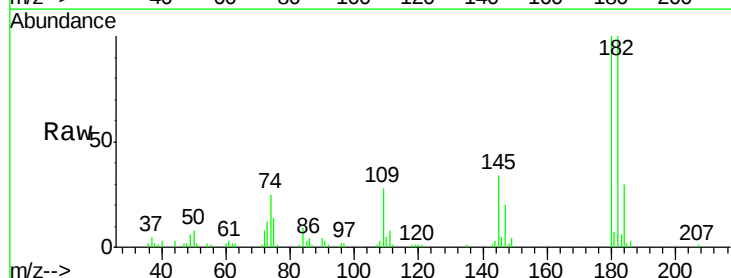


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

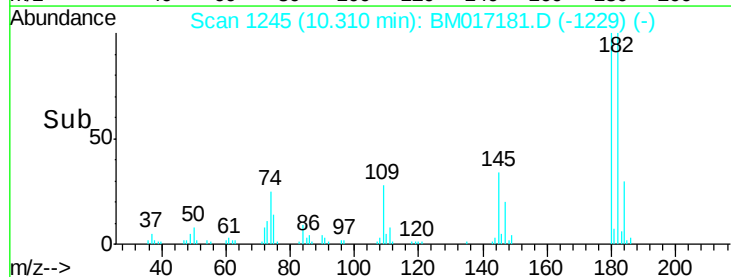
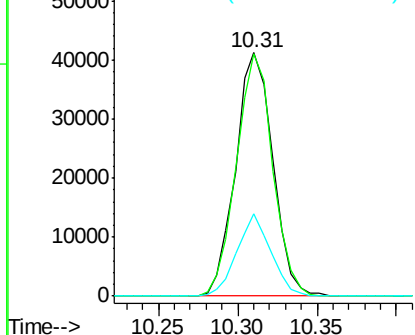


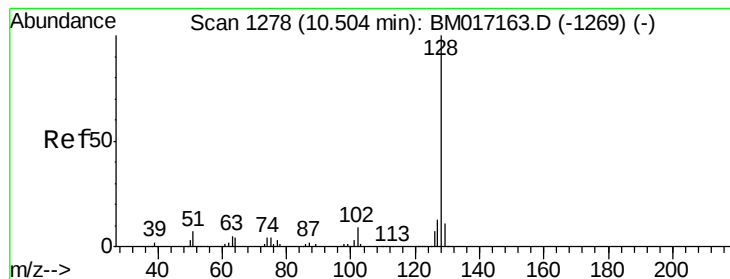
#30
 1,2,4-Trichlorobenzene
 Concen: 5.088 ng
 RT: 10.31 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	77.5	116.3
145	33.9	24.0	36.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

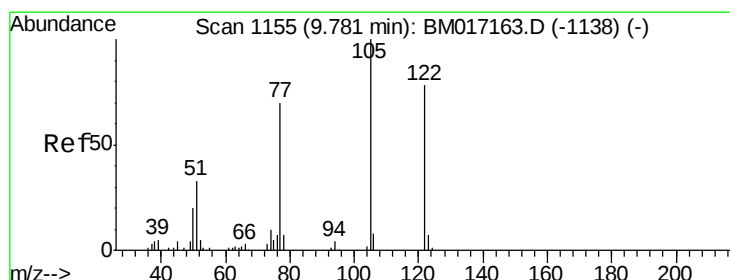
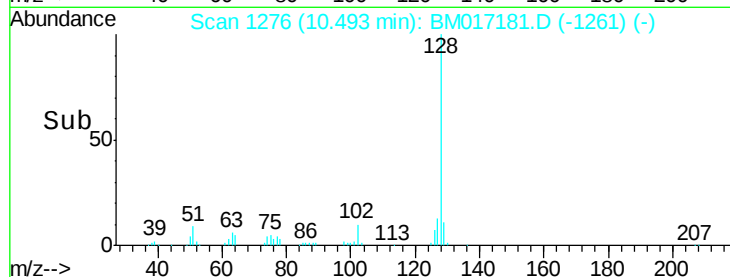
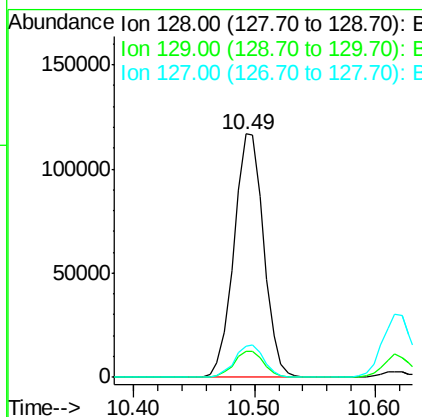
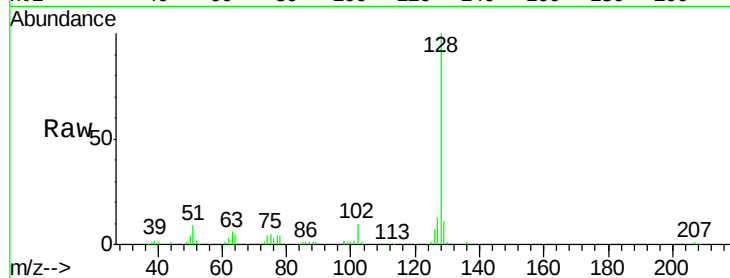




#31
Naphthalene
Concen: 5.379 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

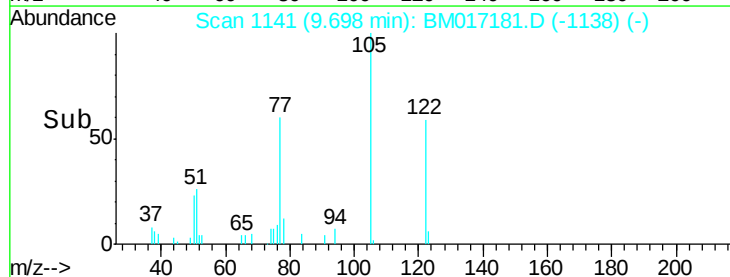
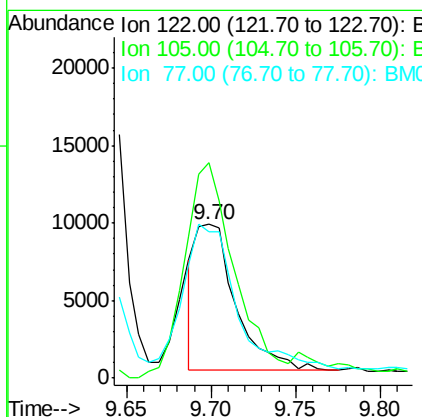
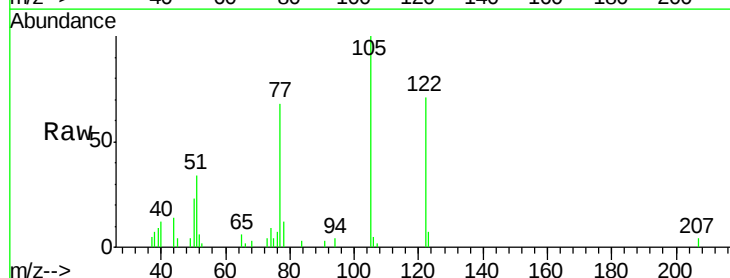
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:128 Resp: 200372
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 2.170 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion:122 Resp: 15366
Ion Ratio Lower Upper
122 100
105 140.0 102.0 142.0
77 95.0 67.7 107.7

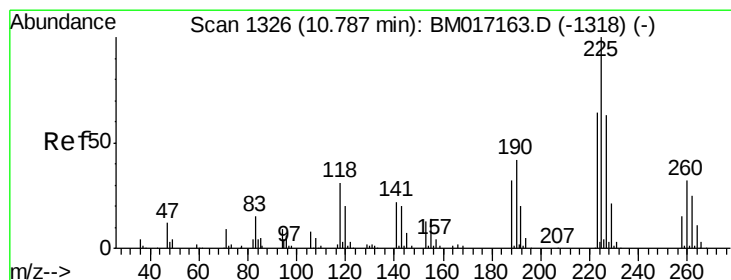
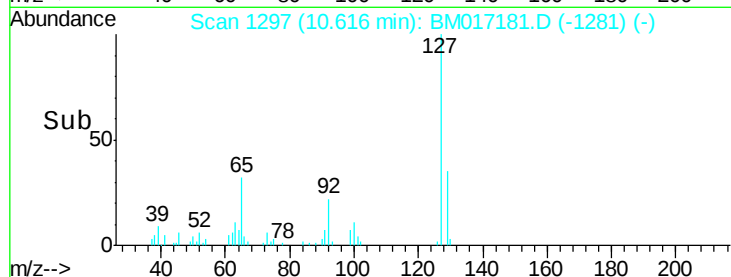
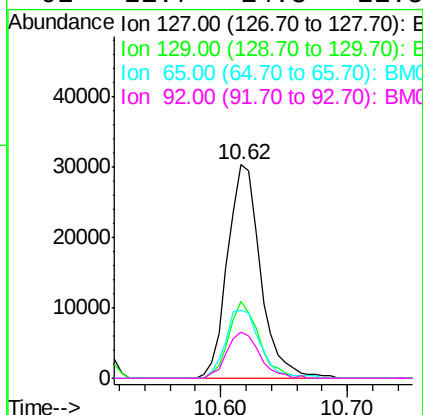
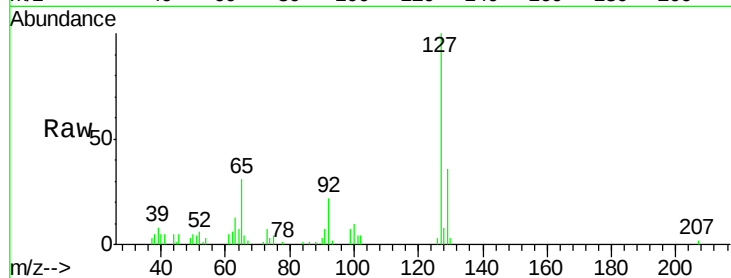




#33
4-Chloroaniline
Concen: 3.414 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

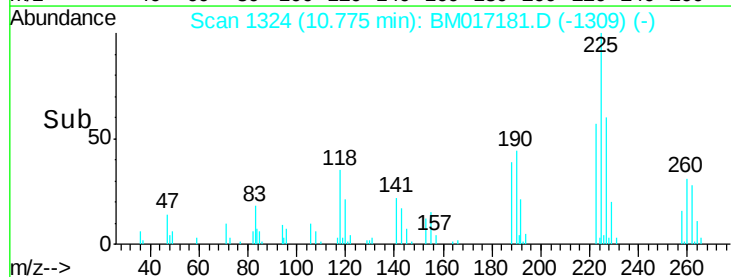
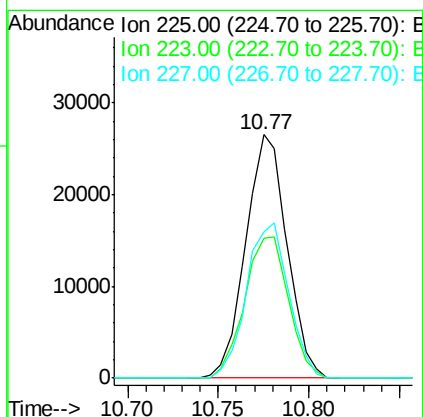
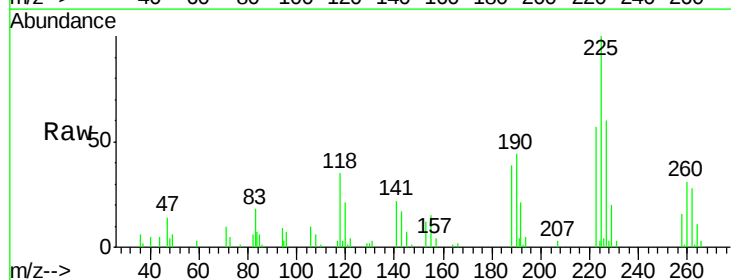
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

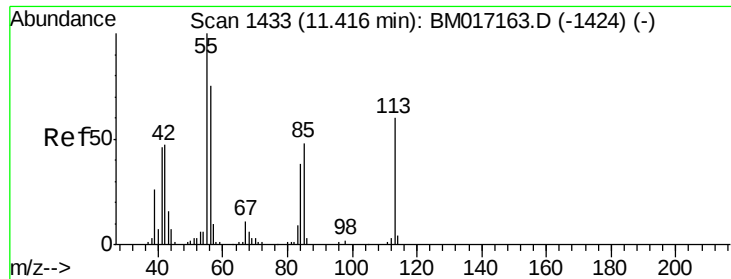
Tgt Ion:	127	Resp:	54923
Ion	Ratio	Lower	Upper
127	100		
129	36.2	26.2	39.4
65	31.5	23.7	35.5
92	21.7	14.3	21.5#



#34
Hexachlorobutadiene
Concen: 5.029 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion:	225	Resp:	42116
Ion	Ratio	Lower	Upper
225	100		
223	57.4	51.0	76.6
227	59.9	50.8	76.2





#35

Caprolactam

Concen: 3.377 ng

RT: 11.39 min Scan# 1428

Delta R.T. -0.03 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

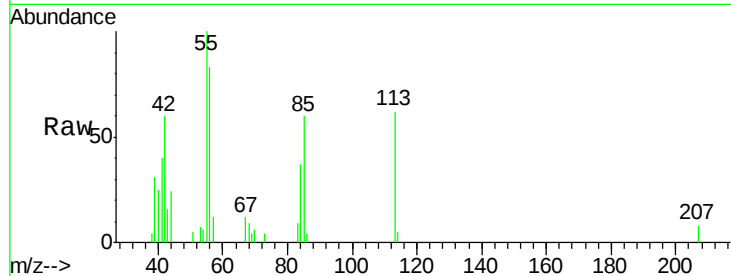
Tgt Ion:113 Resp: 13561

Ion Ratio Lower Upper

113 100

55 161.3 147.0 187.0

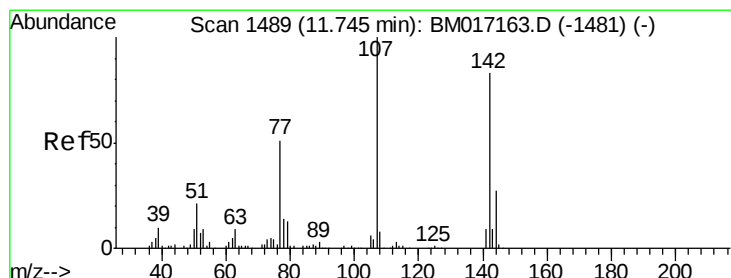
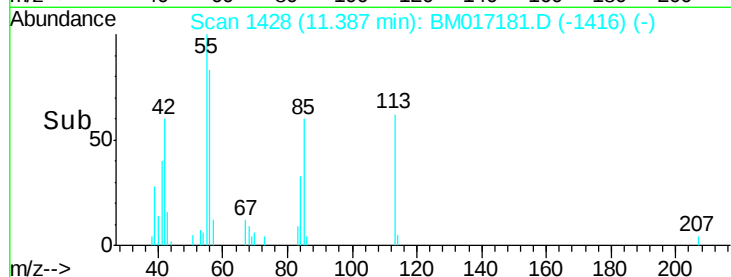
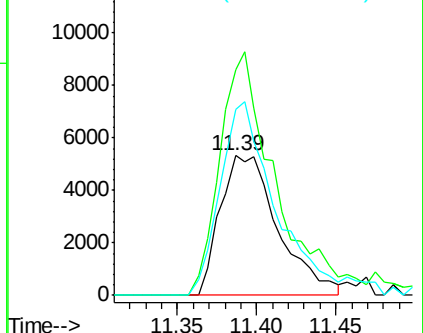
56 133.1 104.5 144.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 4.732 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

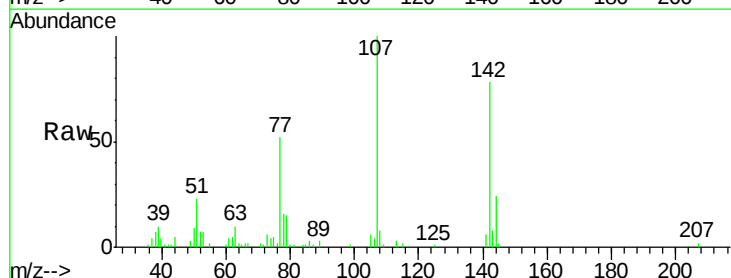
Tgt Ion:107 Resp: 58771

Ion Ratio Lower Upper

107 100

144 24.2 21.6 32.4

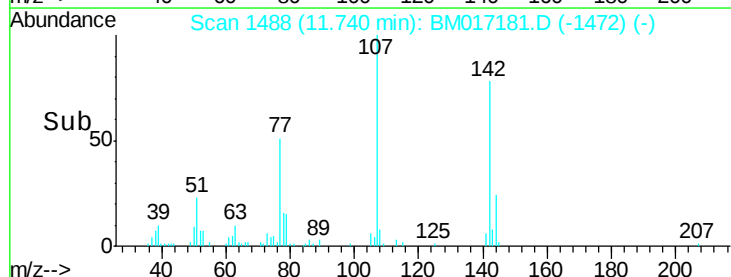
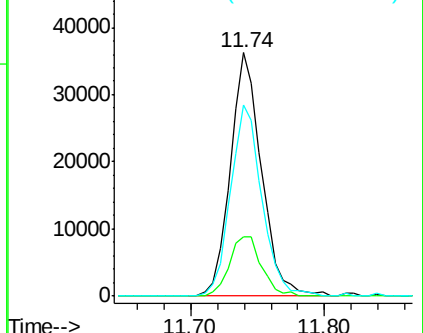
142 78.3 66.0 99.0

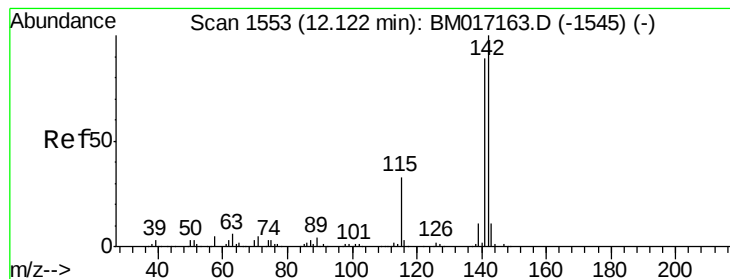


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 5.790 ng

RT: 12.12 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

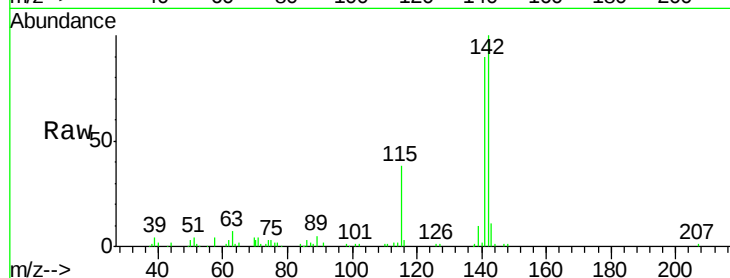
Tgt Ion:142 Resp: 147587

Ion Ratio Lower Upper

142 100

141 90.3 70.9 106.3

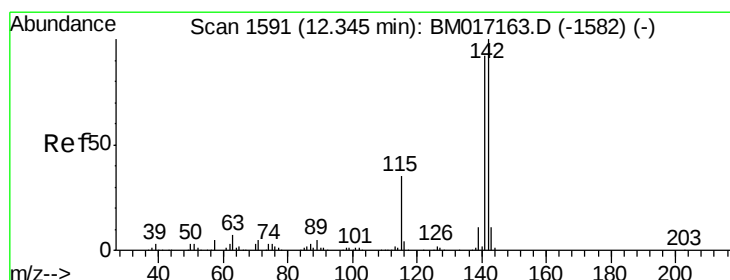
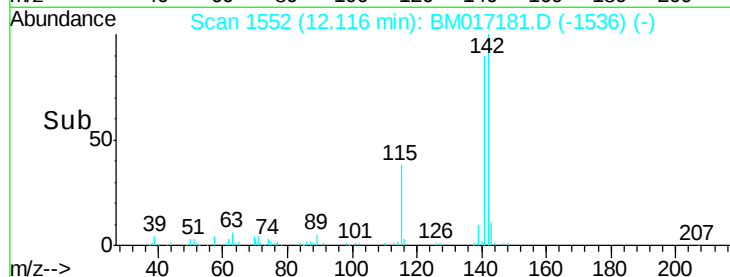
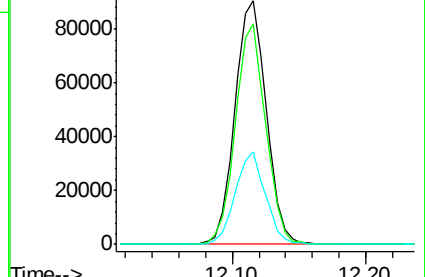
115 37.8 26.4 39.6



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: 5.515 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

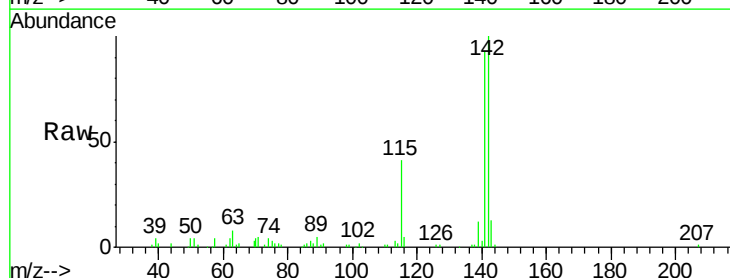
Tgt Ion:142 Resp: 136809

Ion Ratio Lower Upper

142 100

141 93.3 73.8 110.6

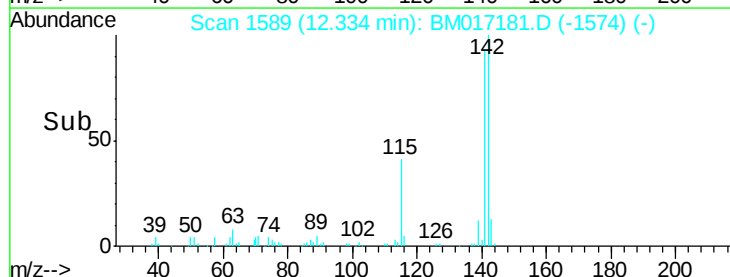
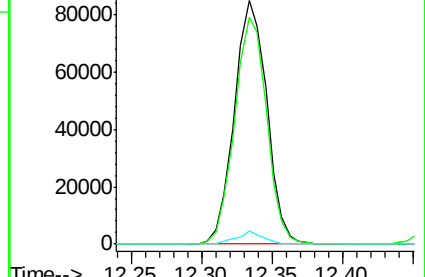
116 5.3 2.9 4.3#

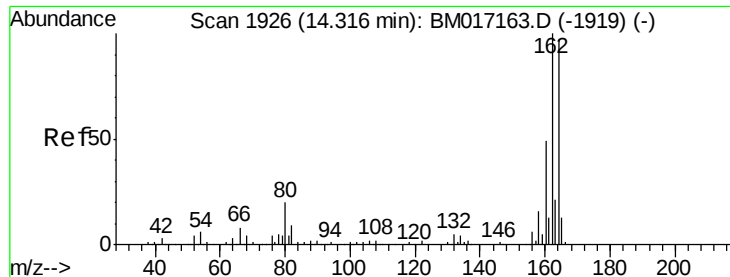


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

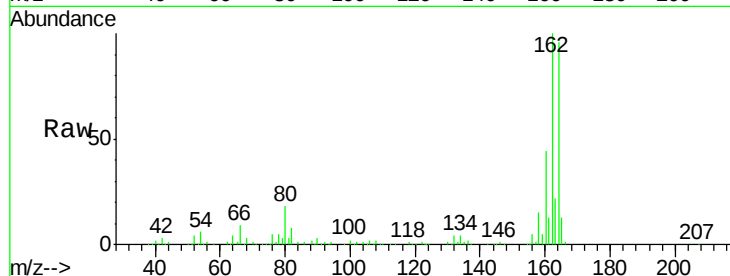
Tgt Ion:164 Resp: 435923

Ion Ratio Lower Upper

164 100

162 103.8 82.1 123.1

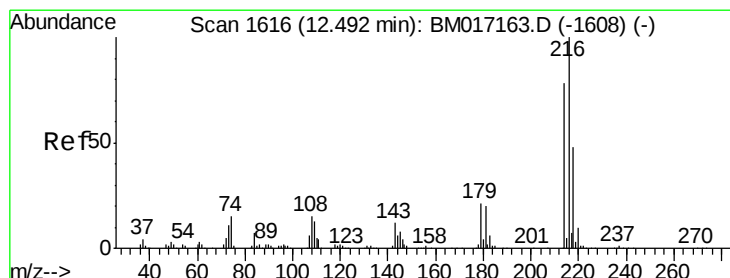
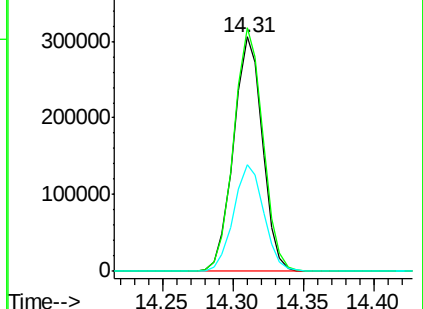
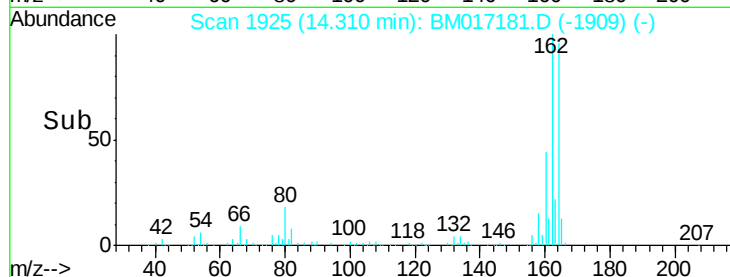
160 45.7 40.2 60.2



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: 4.971 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:216 Resp: 76310

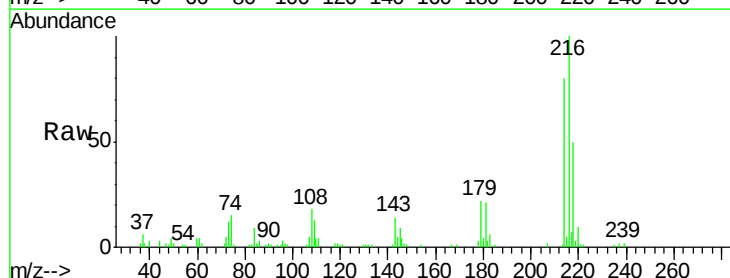
Ion Ratio Lower Upper

216 100

214 78.7 62.6 93.8

179 20.4 16.6 24.8

108 18.5 13.5 20.3

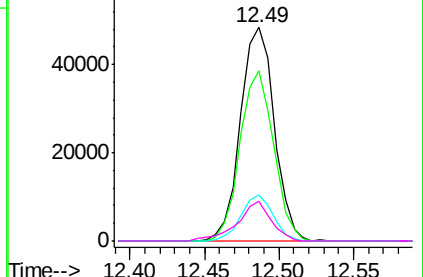
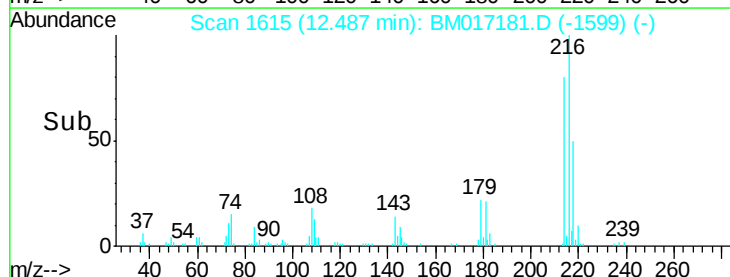


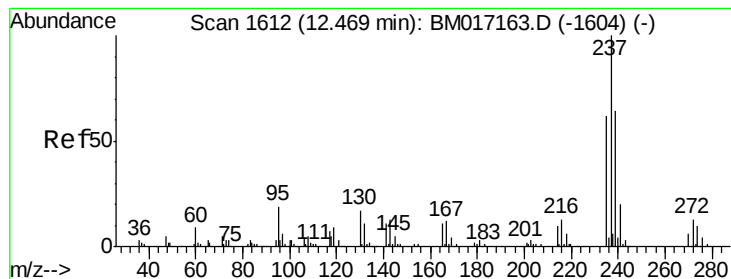
Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.179 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

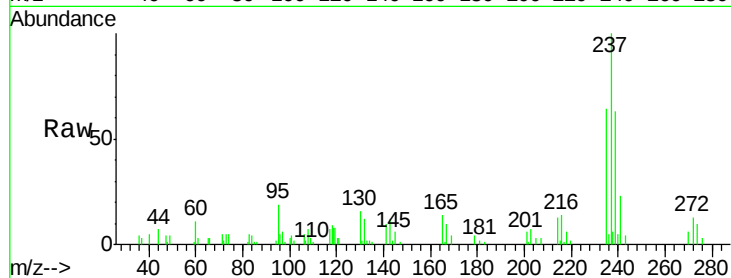
Tgt Ion: 237 Resp: 45857

Ion Ratio Lower Upper

237 100

235 63.8 42.4 82.4

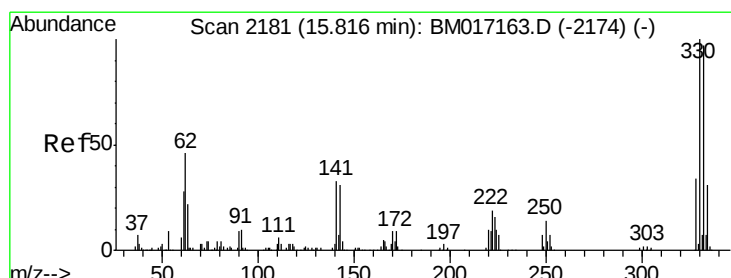
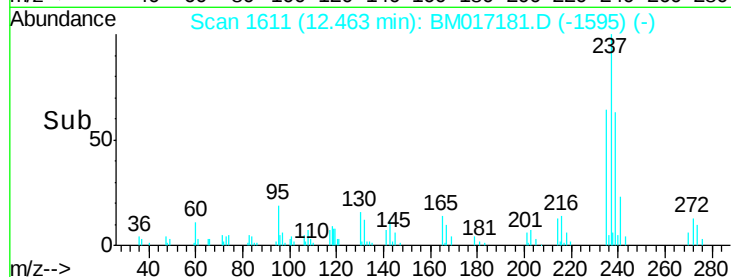
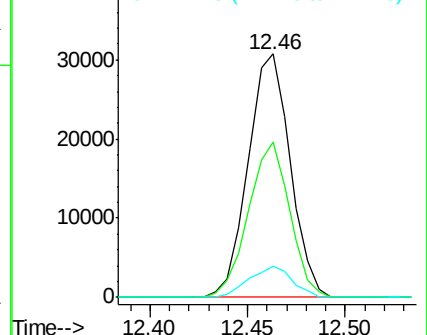
272 12.6 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 154.172 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

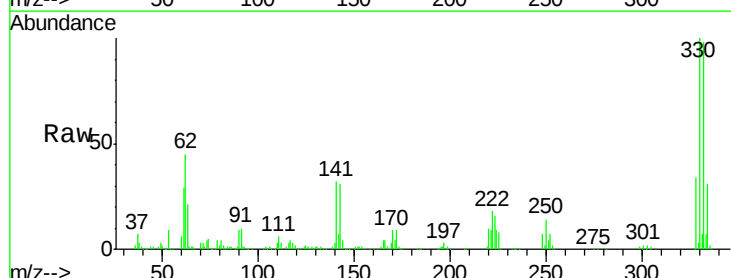
Tgt Ion: 330 Resp: 908880

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

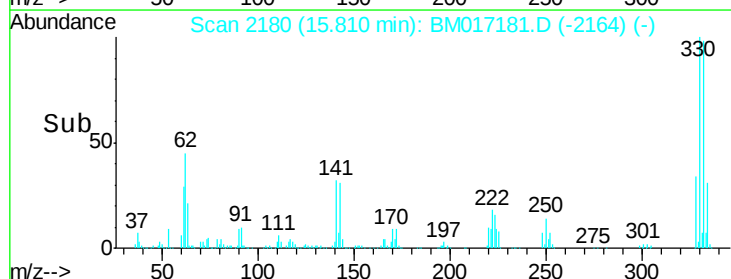
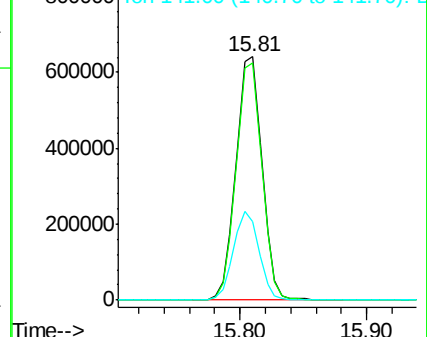
141 35.8 27.4 41.0

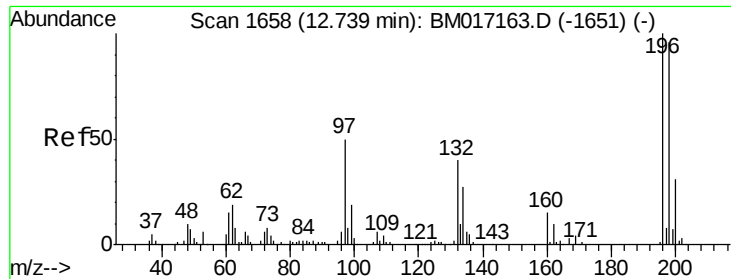


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

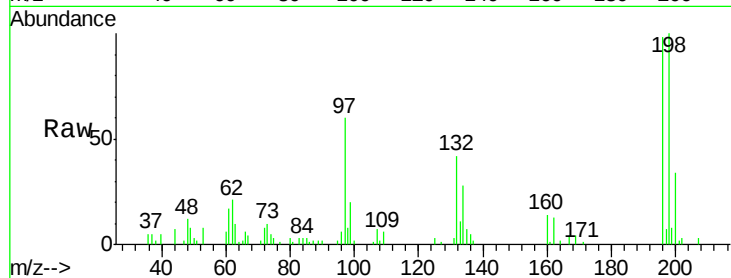




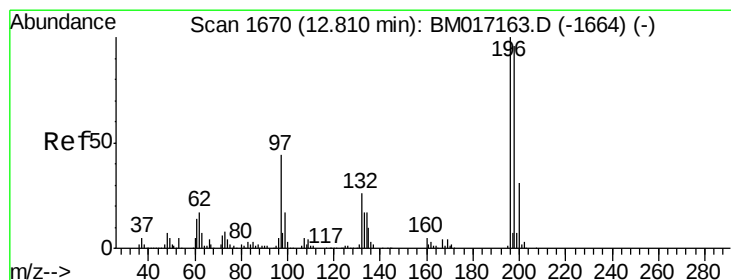
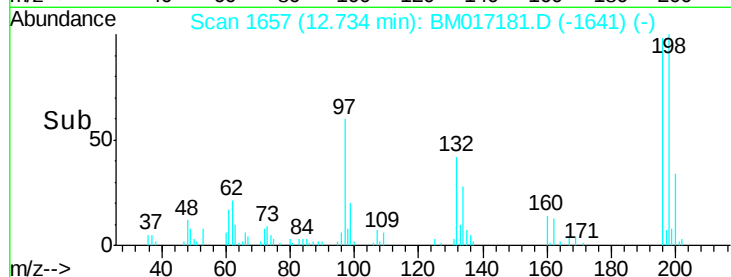
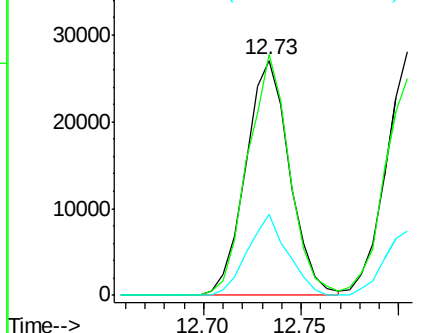
#43
 2,4,6-Trichlorophenol
 Concen: 4.741 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

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

Tgt Ion:196 Resp: 42251
 Ion Ratio Lower Upper
 196 100
 198 102.5 77.1 115.7
 200 34.7 25.0 37.4

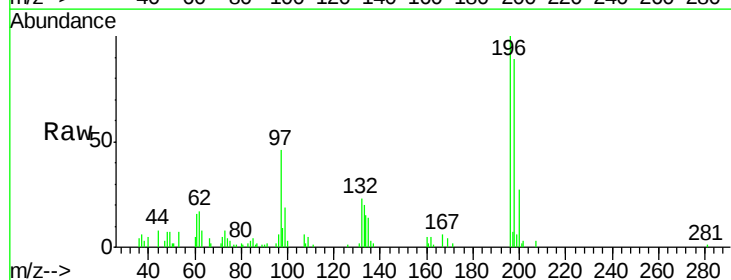


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

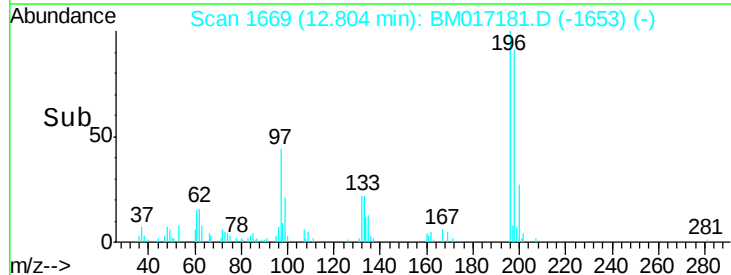
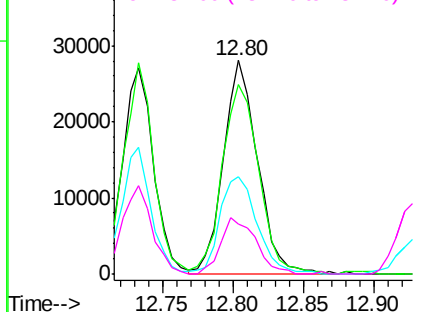


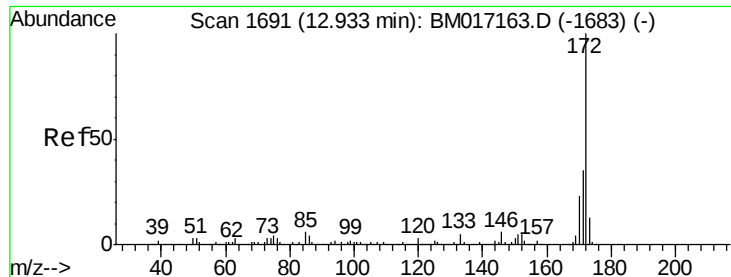
#44
 2,4,5-Trichlorophenol
 Concen: 4.952 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion:196 Resp: 47319
 Ion Ratio Lower Upper
 196 100
 198 88.9 76.6 115.0
 97 45.6 35.5 53.3
 132 23.3 20.7 31.1



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

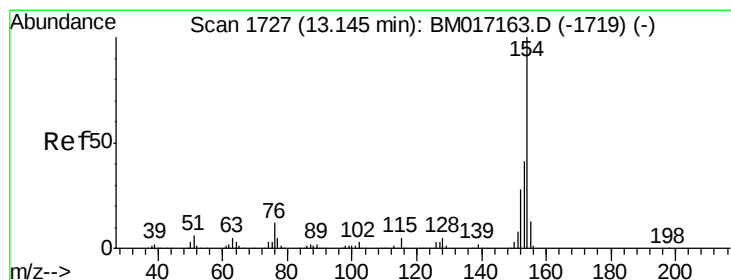
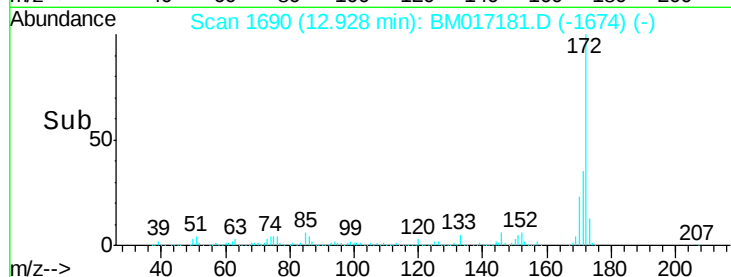
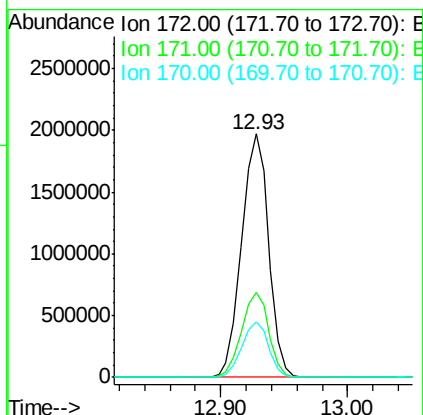
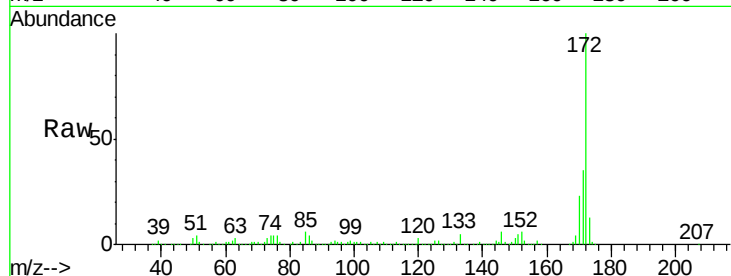




#45
 2-Fluorobiphenyl
 Concen: 88.698 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

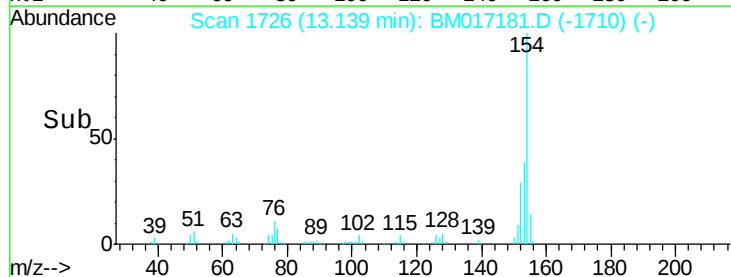
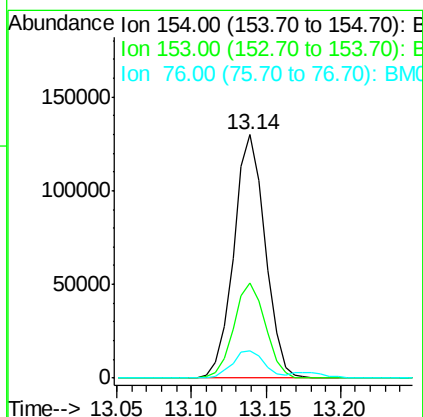
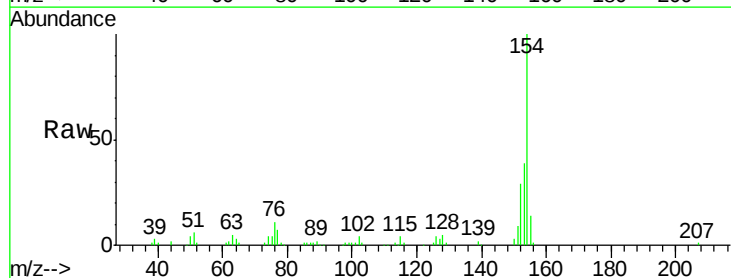
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

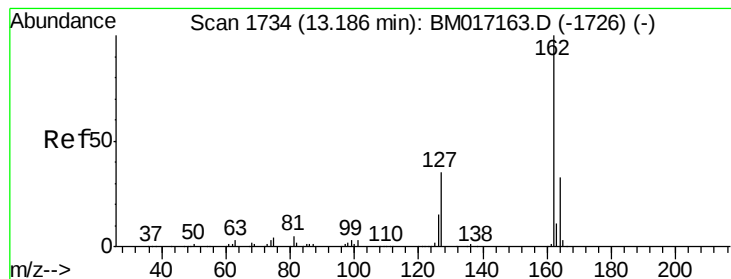
Tgt Ion:172 Resp: 2905996
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.3 42.5
 170 22.7 18.3 27.5



#46
 1,1'-Biphenyl
 Concen: 4.864 ng
 RT: 13.14 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion:154 Resp: 190807
 Ion Ratio Lower Upper
 154 100
 153 39.1 20.5 60.5
 76 11.1 0.0 31.8





#47

2-Chloronaphthalene

Concen: 5.104 ng

RT: 13.18 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

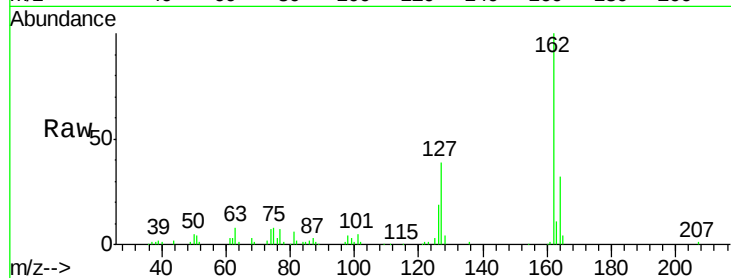
Tgt Ion: 162 Resp: 147296

Ion Ratio Lower Upper

162 100

127 38.9 31.0 46.4

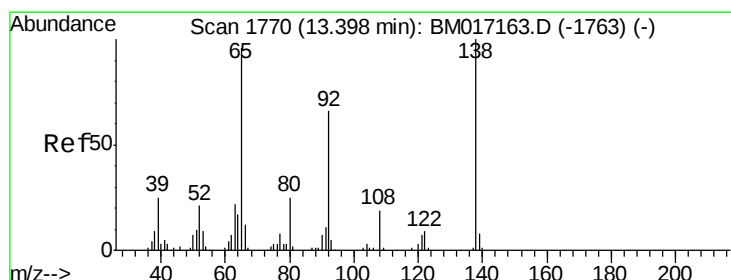
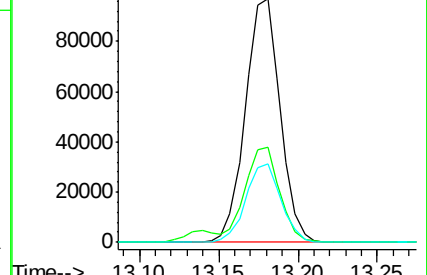
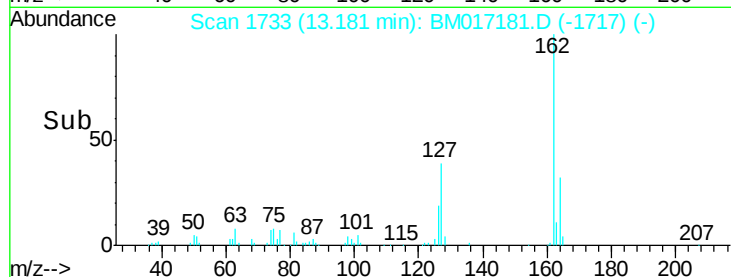
164 32.2 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 9.080 ng

RT: 13.39 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

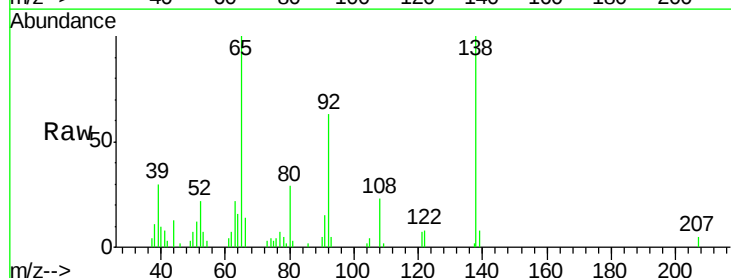
Tgt Ion: 65 Resp: 31375

Ion Ratio Lower Upper

65 100

92 62.7 54.9 82.3

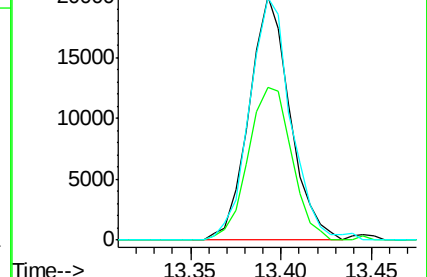
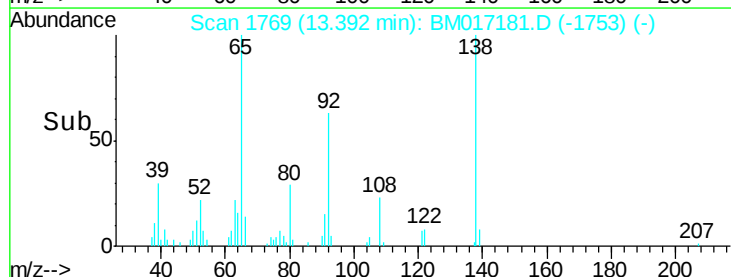
138 99.8 83.7 125.5

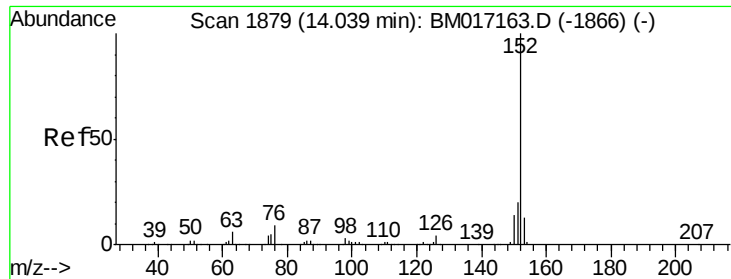


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 5.281 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

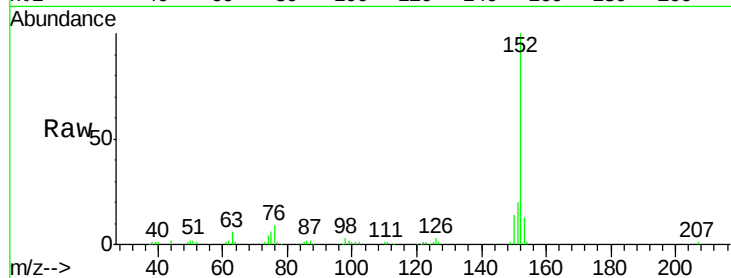
Tgt Ion:152 Resp: 220921

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

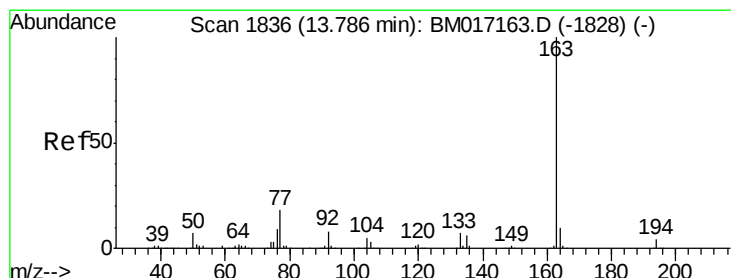
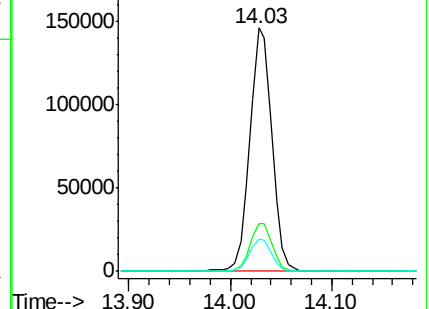
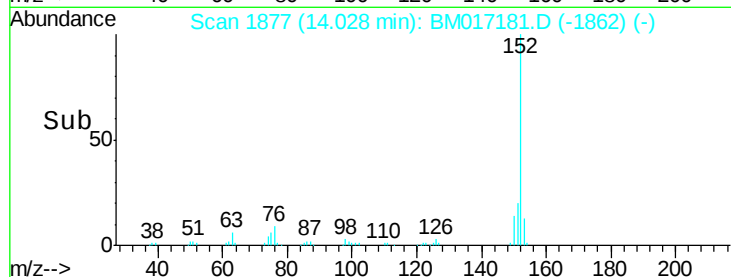
153 13.1 10.4 15.6



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: 5.365 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

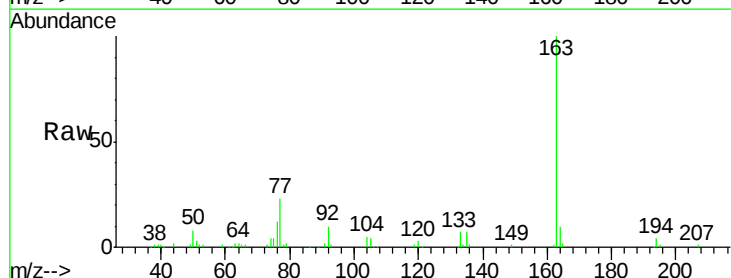
Tgt Ion:163 Resp: 180449

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

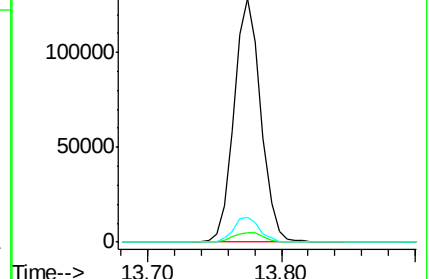
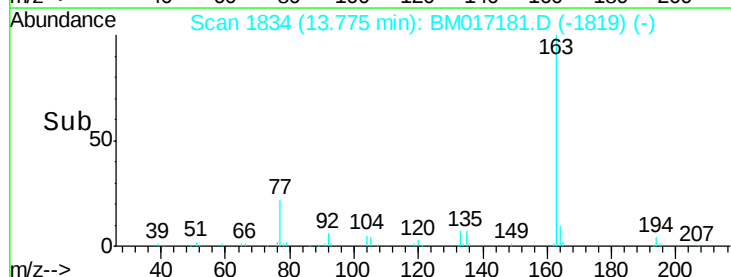
164 10.2 7.8 11.8

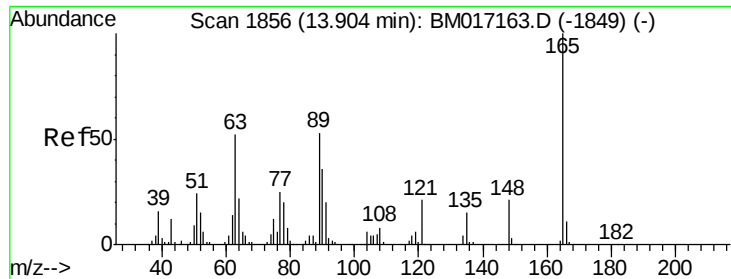


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

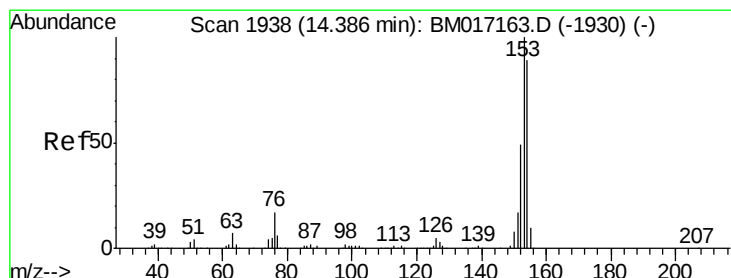
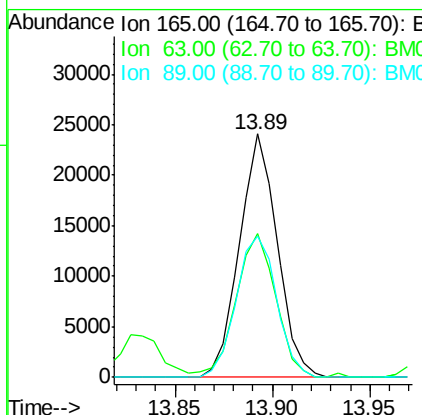
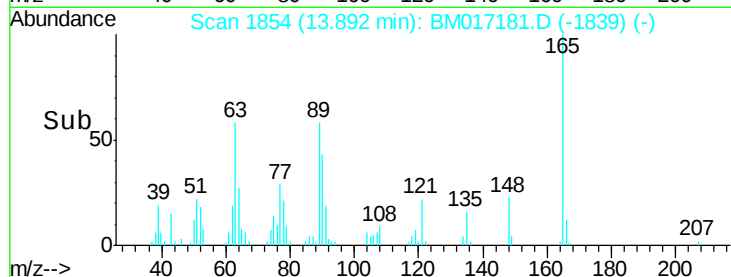
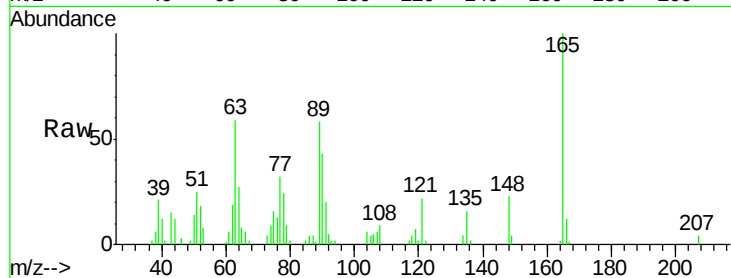




#51
2,6-Dinitrotoluene
Concen: 4.371 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

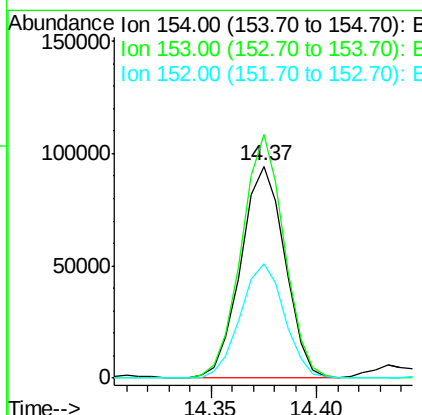
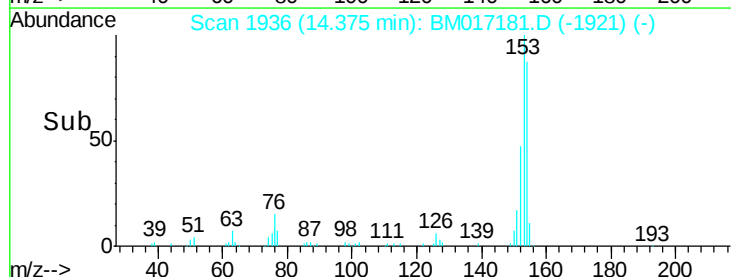
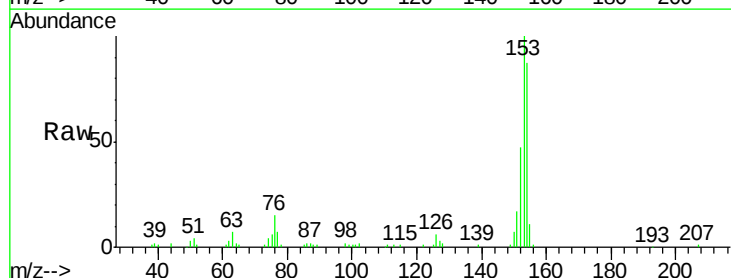
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

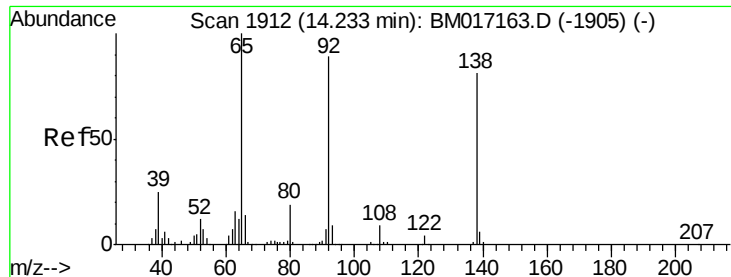
Tgt Ion:165 Resp: 32358
Ion Ratio Lower Upper
165 100
63 59.3 42.7 64.1
89 58.2 42.1 63.1



#52
Acenaphthene
Concen: 5.224 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion:154 Resp: 137215
Ion Ratio Lower Upper
154 100
153 114.7 90.2 135.2
152 53.8 44.2 66.4

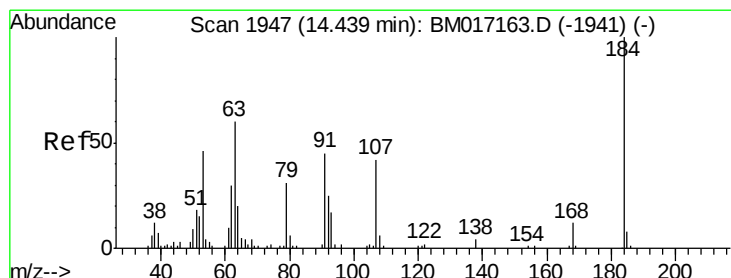
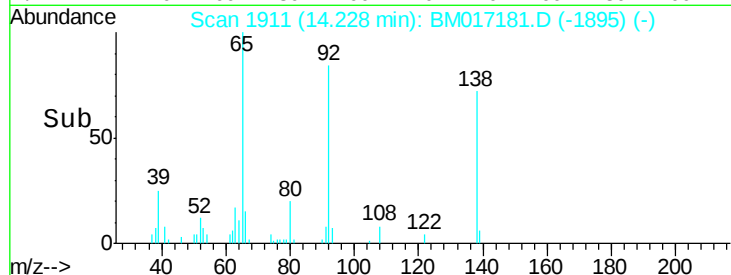
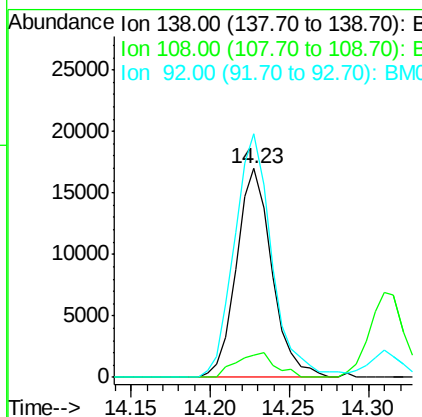
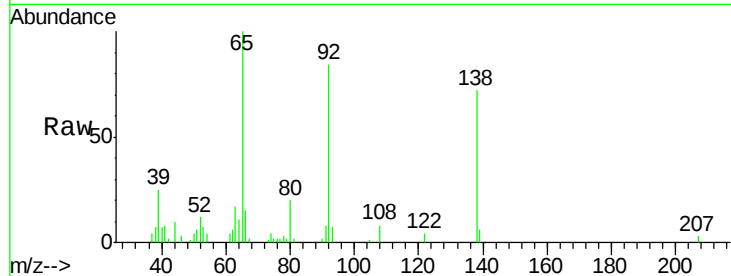




#53
3-Nitroaniline
Concen: 3.288 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

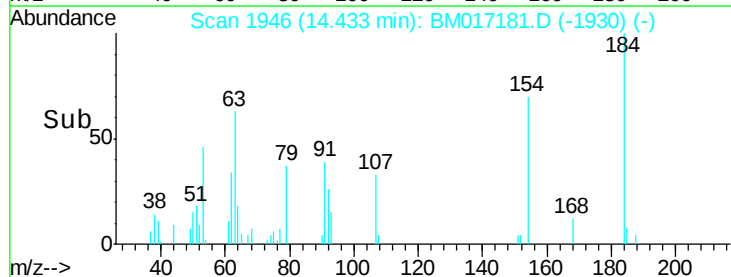
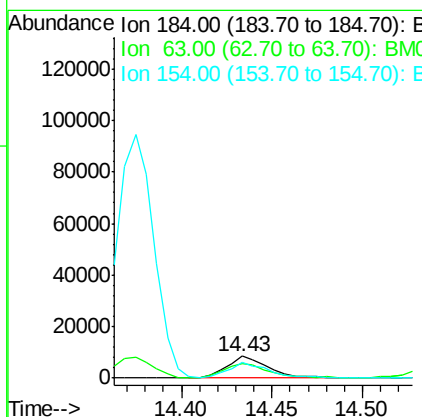
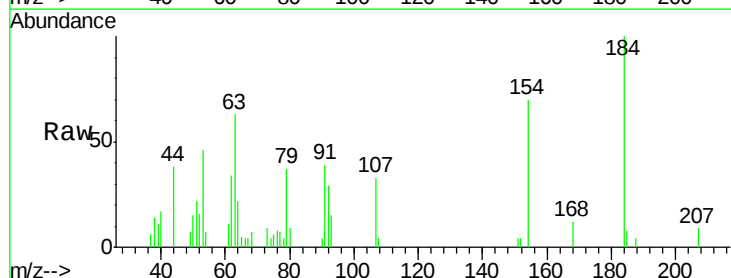
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

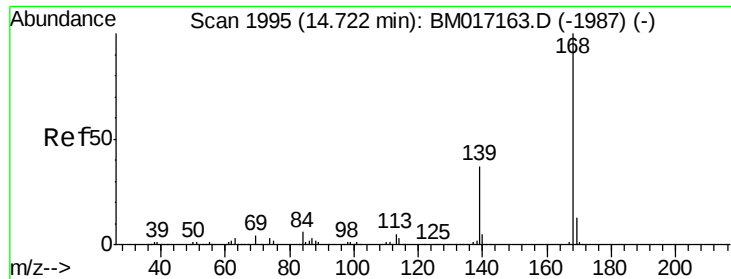
Tgt Ion:138 Resp: 26362
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 116.5 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 10.999 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion:184 Resp: 13420
Ion Ratio Lower Upper
184 100
63 63.1 51.2 76.8
154 69.9 47.8 71.8

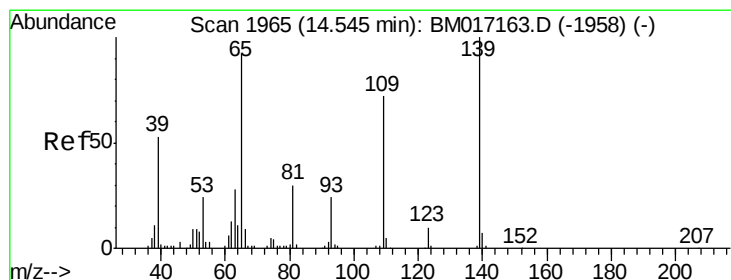
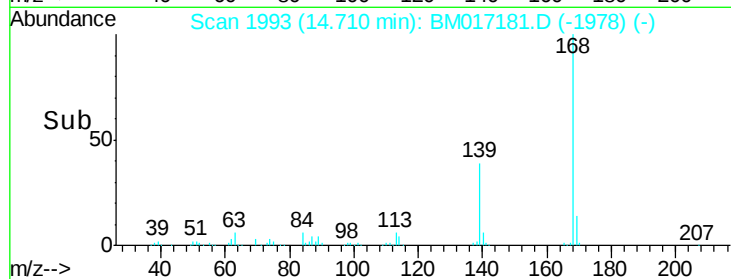
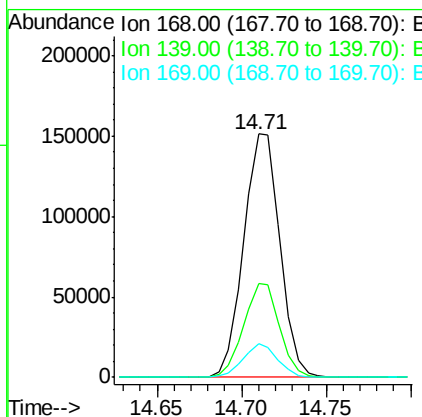
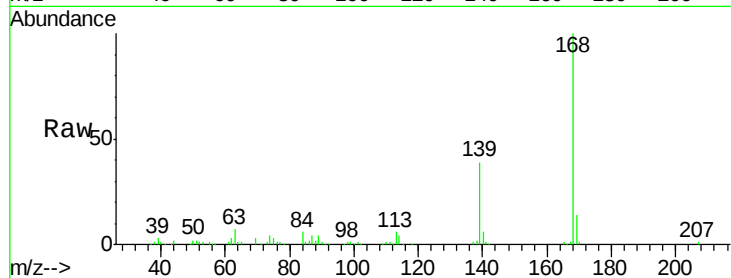




#55
Dibenzenofuran
Concen: 5.173 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

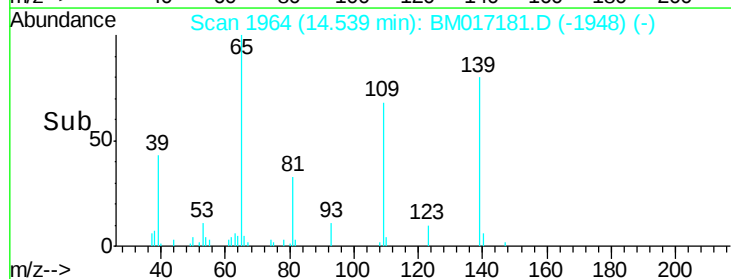
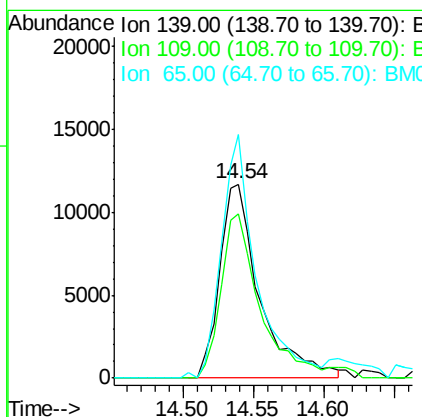
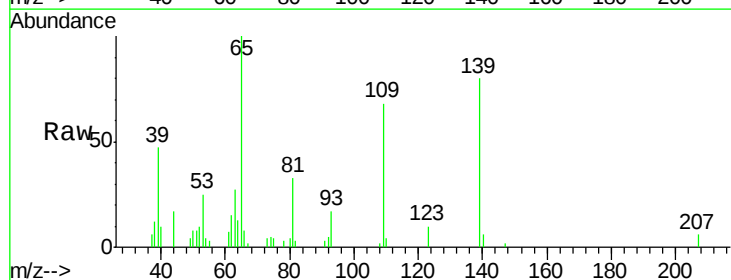
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

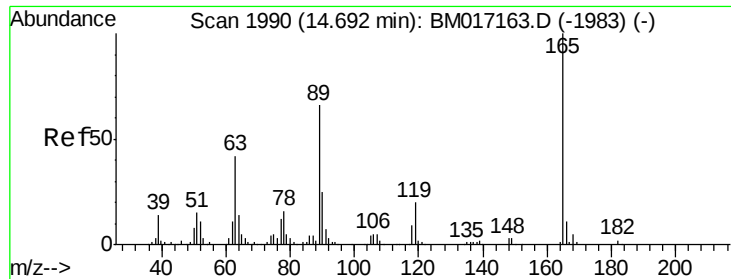
Tgt Ion:168 Resp: 225951
Ion Ratio Lower Upper
168 100
139 38.7 29.3 43.9
169 14.0 10.6 15.8



#56
4-Nitrophenol
Concen: 7.696 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion:139 Resp: 23133
Ion Ratio Lower Upper
139 100
109 84.6 51.8 91.8
65 125.3 72.1 112.1#

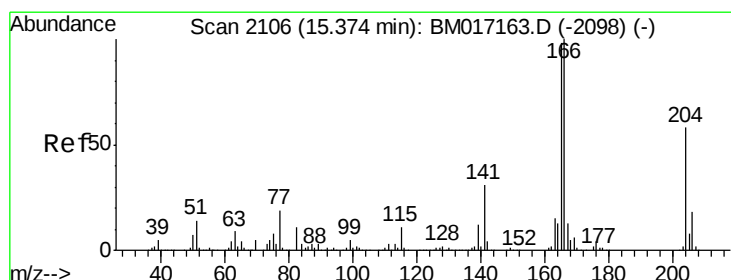
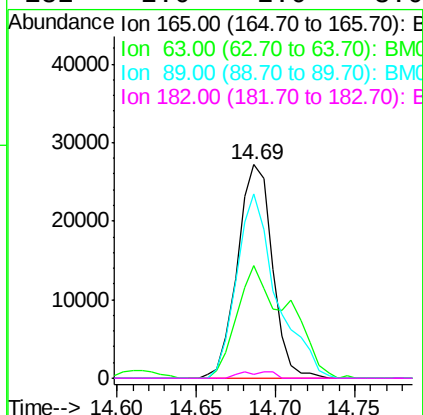
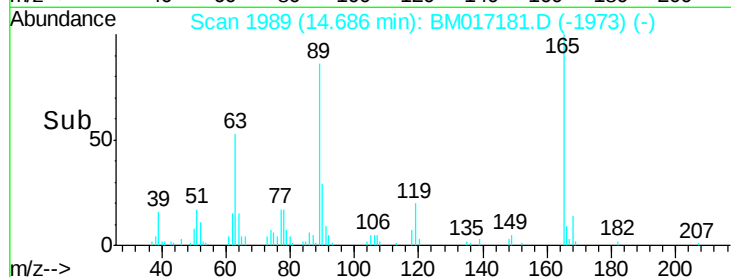
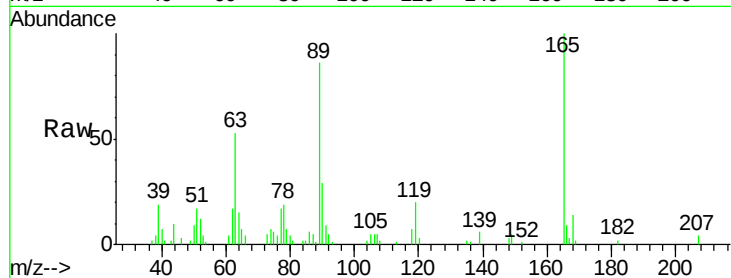




#57
2,4-Dinitrotoluene
Concen: 4.171 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

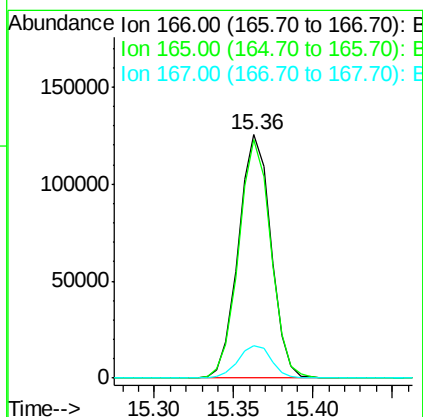
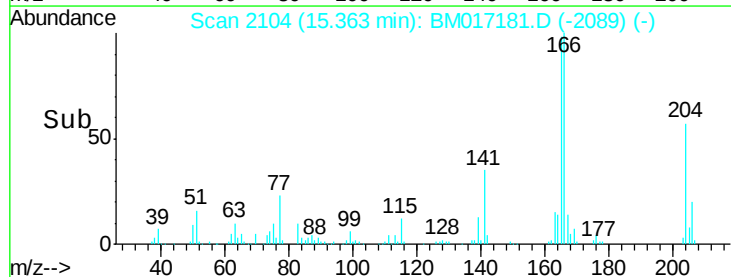
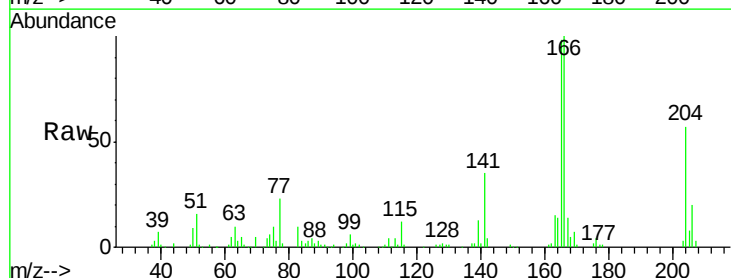
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

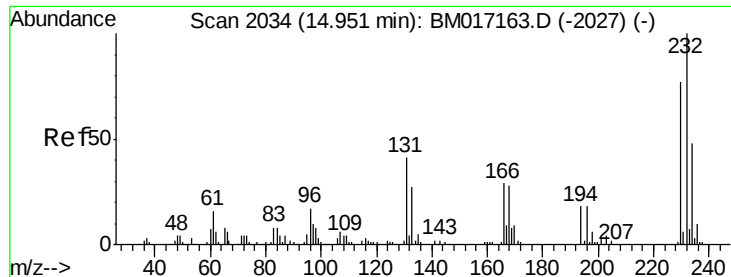
Tgt Ion:165 Resp: 41495
Ion Ratio Lower Upper
165 100
63 52.7 33.8 50.8#
89 86.4 53.1 79.7#
182 2.0 2.0 3.0



#58
Fluorene
Concen: 5.508 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion:166 Resp: 178065
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.5 10.6 16.0

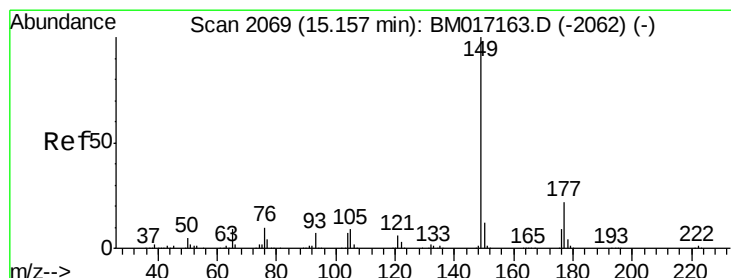
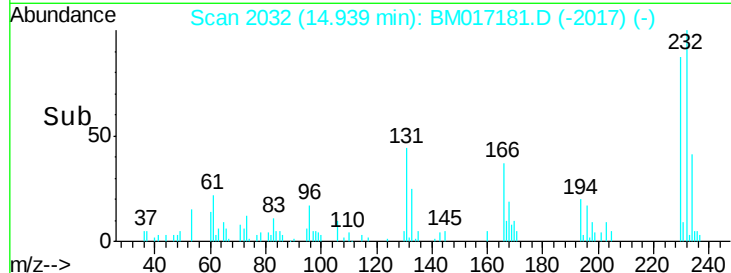
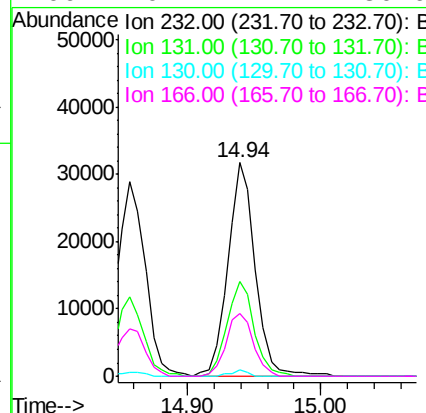
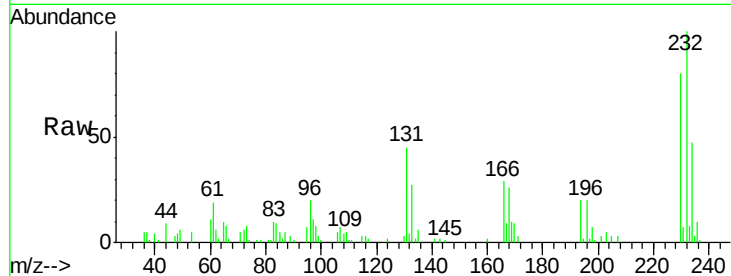




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 5.254 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

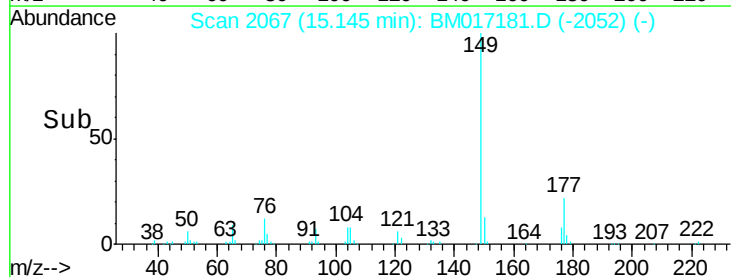
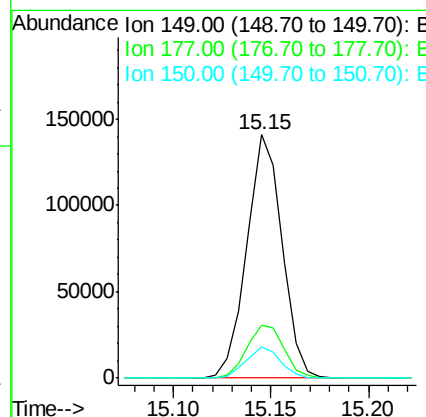
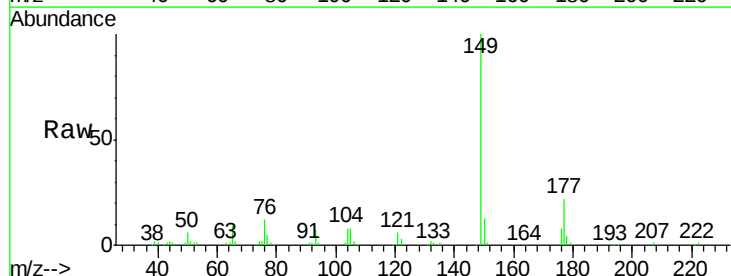
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

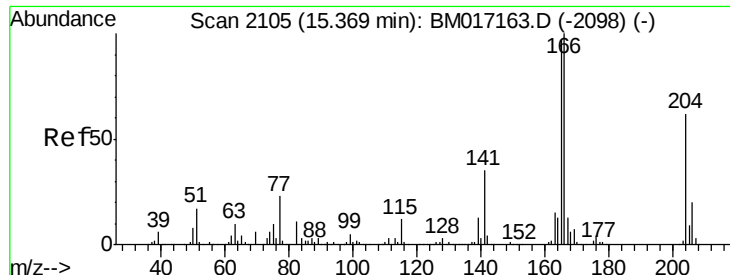
Tgt Ion: 232 Resp: 45768
 Ion Ratio Lower Upper
 232 100
 131 43.7 33.1 49.7
 130 1.9 1.7 2.5
 166 29.2 24.4 36.6



#60
 Diethylphthalate
 Concen: 5.302 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion: 149 Resp: 176849
 Ion Ratio Lower Upper
 149 100
 177 21.5 17.7 26.5
 150 12.6 10.0 15.0

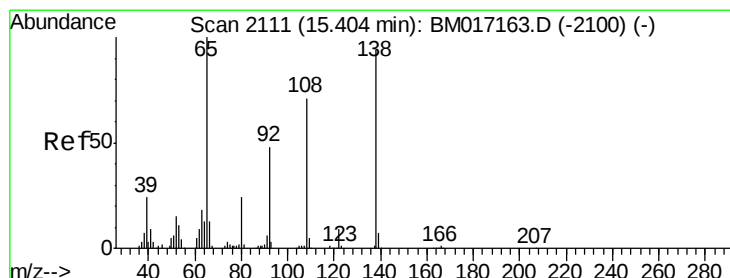
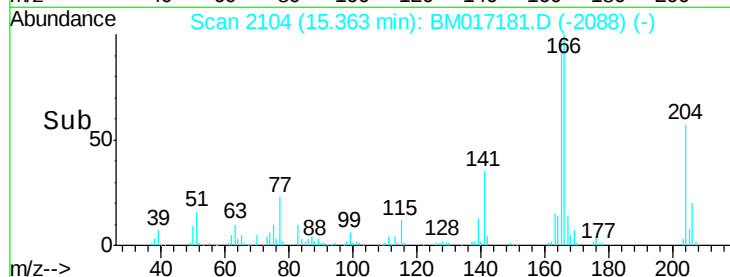
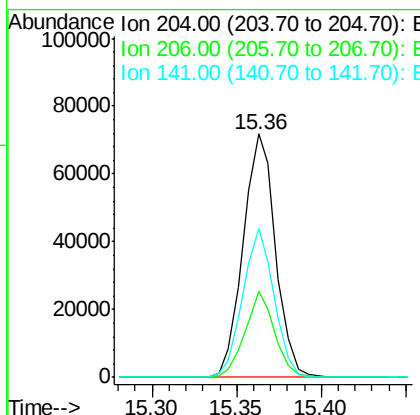
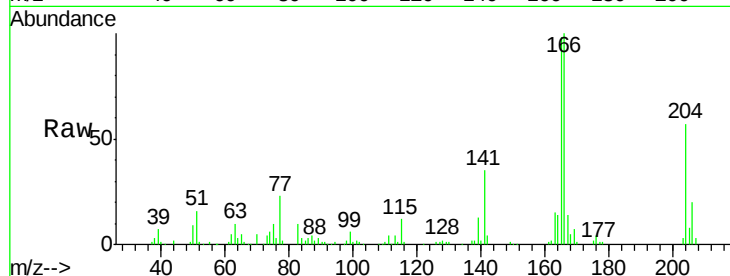




#61
 4-Chlorophenyl-phenylether
 Concen: 5.191 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

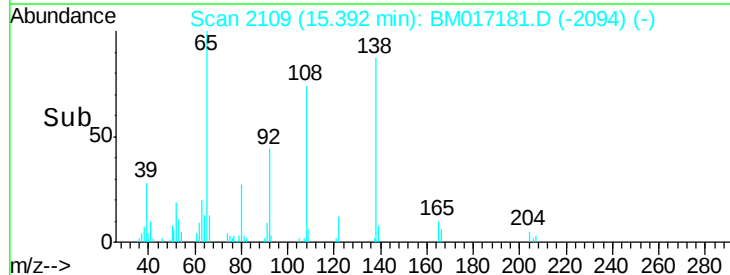
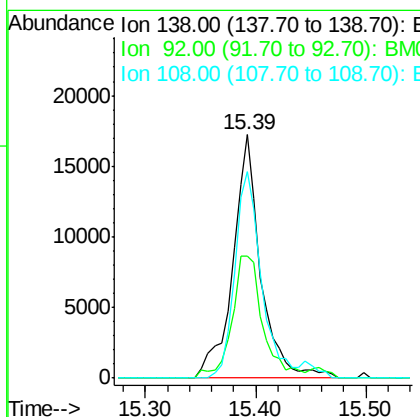
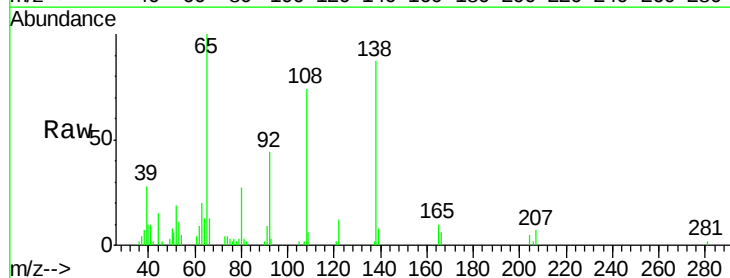
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

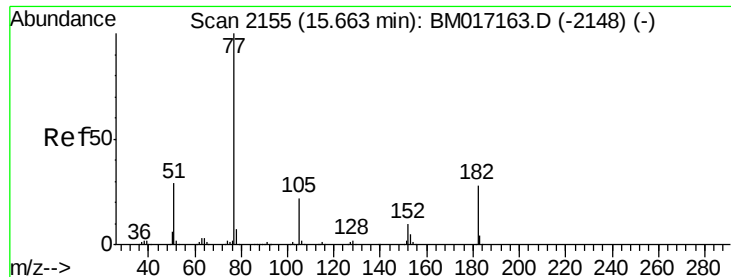
Tgt Ion:204 Resp: 95681
 Ion Ratio Lower Upper
 204 100
 206 35.5 26.1 39.1
 141 61.1 45.4 68.2



#62
 4-Nitroaniline
 Concen: 7.820 ng
 RT: 15.39 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion:138 Resp: 30441
 Ion Ratio Lower Upper
 138 100
 92 50.1 31.2 71.2
 108 84.7 55.5 95.5





#63

Azobenzene

Concen: 4.916 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 77 Resp: 159373

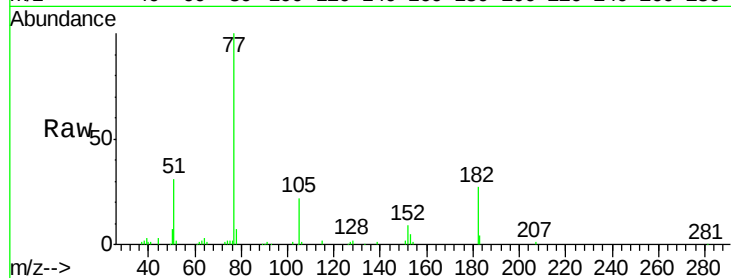
Ion Ratio Lower Upper

77 100

182 27.4 8.3 48.3

105 22.1 1.5 41.5

51 30.9 8.8 48.8

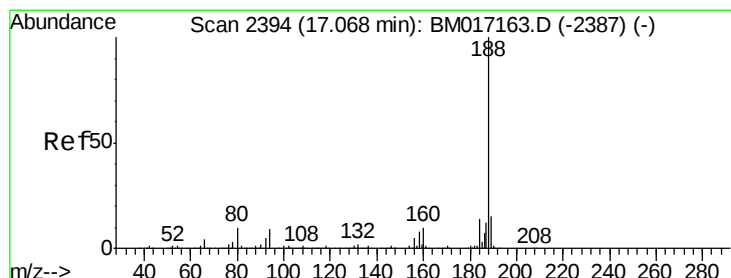
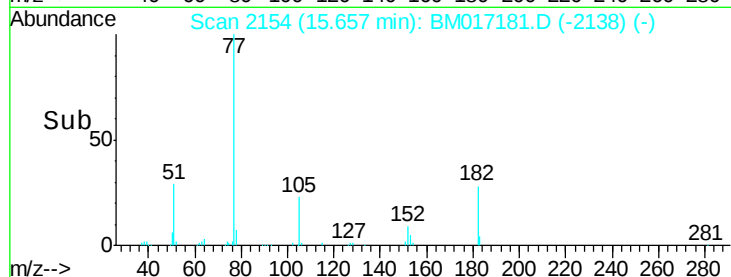
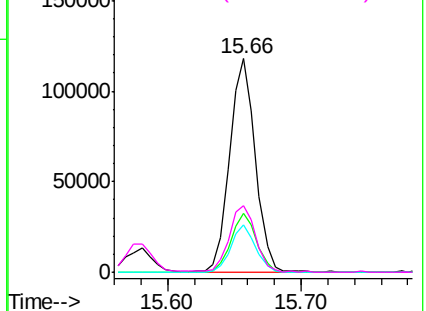


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

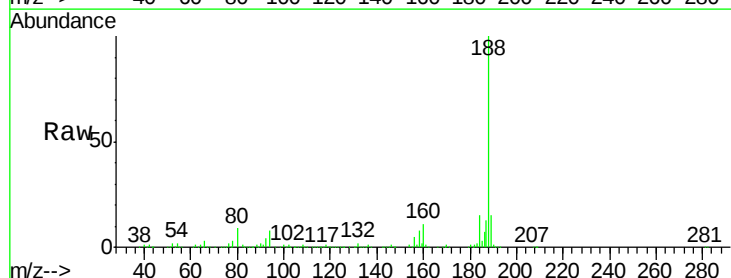
Tgt Ion: 188 Resp: 1039164

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

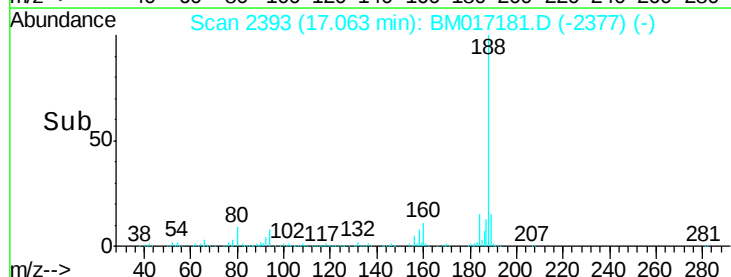
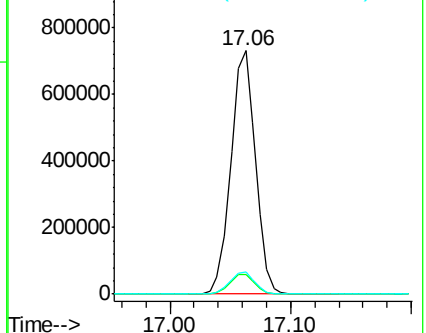
80 9.1 7.7 11.5

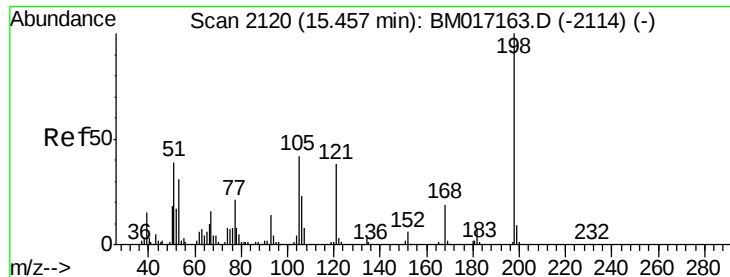


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

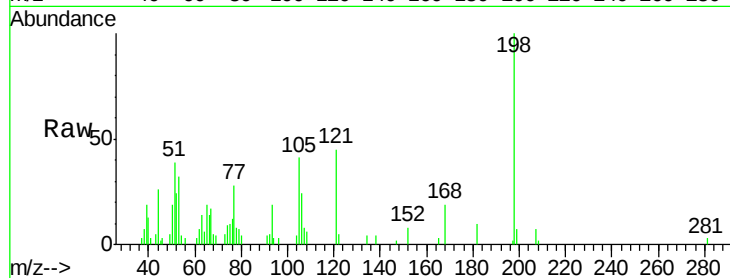




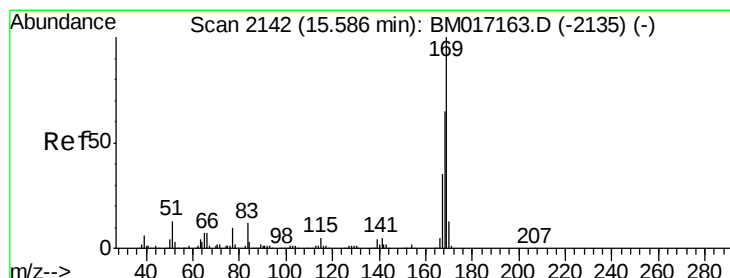
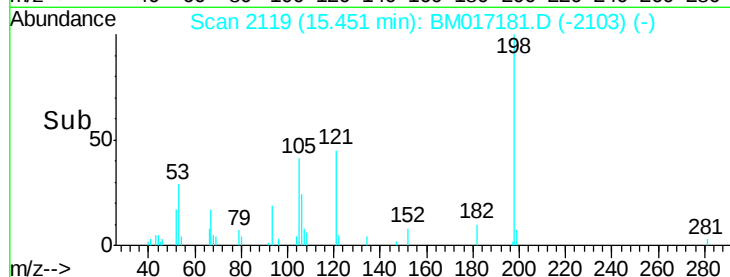
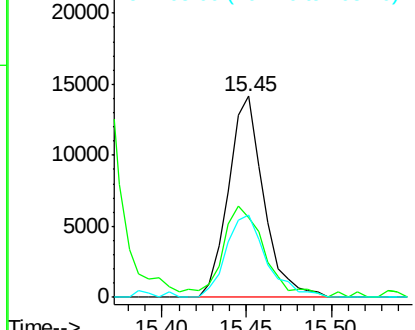
#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.642 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

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

Tgt Ion:198 Resp: 20622
 Ion Ratio Lower Upper
 198 100
 51 39.4 20.3 60.3
 105 40.8 21.9 61.9

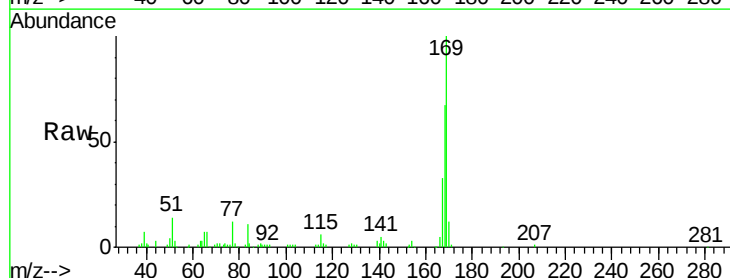


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM017181.D (-2114) (-)
 Ion 105.00 (104.70 to 105.70): E

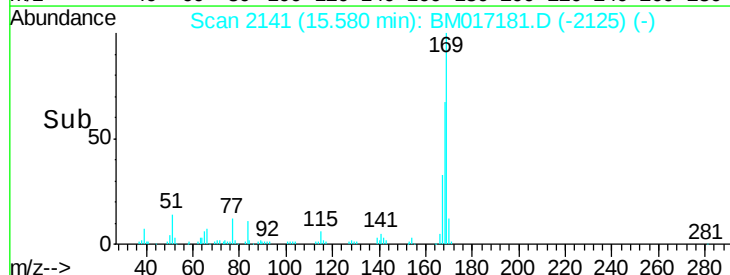
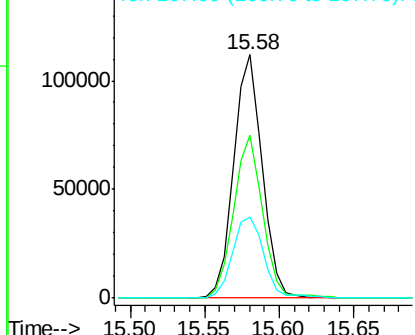


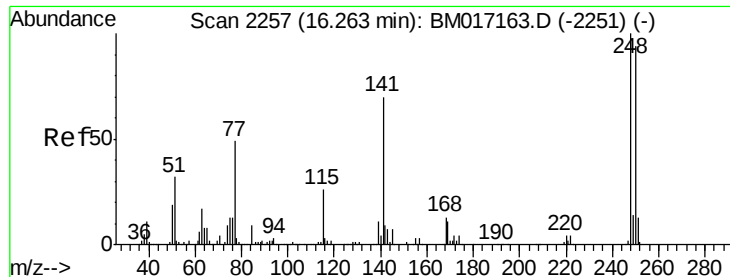
#66
 n-Nitrosodiphenylamine
 Concen: 4.772 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion:169 Resp: 150032
 Ion Ratio Lower Upper
 169 100
 168 67.1 52.2 78.4
 167 33.5 28.4 42.6



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

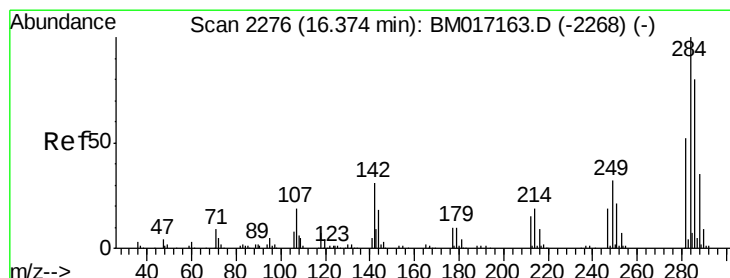
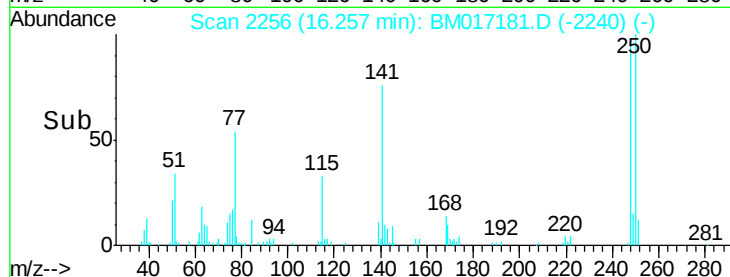
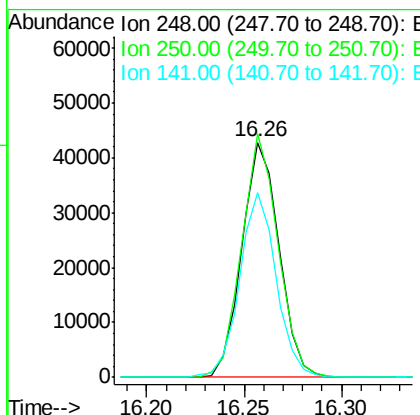
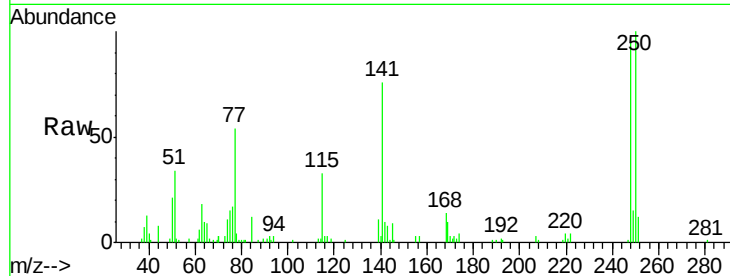




#67
 4-Bromophenyl-phenylether
 Concen: 4.948 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

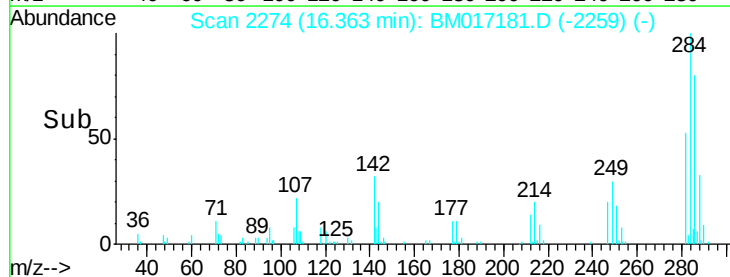
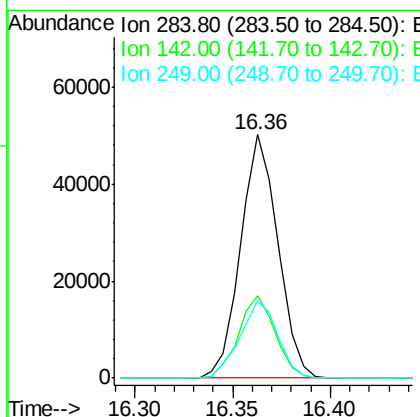
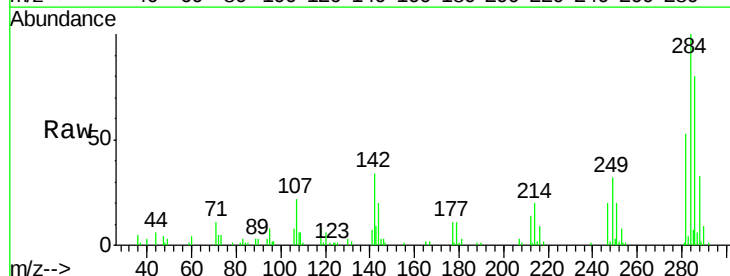
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

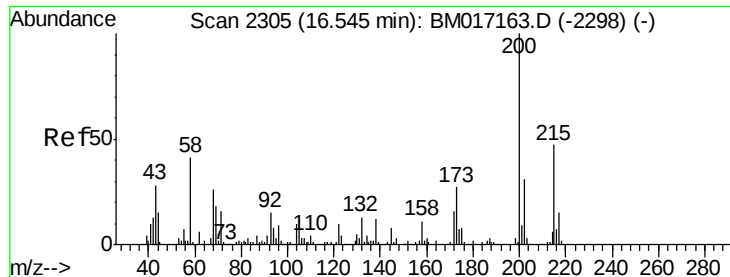
Tgt Ion:248 Resp: 56455
 Ion Ratio Lower Upper
 248 100
 250 103.7 75.1 112.7
 141 78.5 55.6 83.4



#68
 Hexachlorobenzene
 Concen: 5.000 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion:284 Resp: 66264
 Ion Ratio Lower Upper
 284 100
 142 34.0 25.0 37.6
 249 31.7 25.5 38.3





#69

Atrazine

Concen: 4.684 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

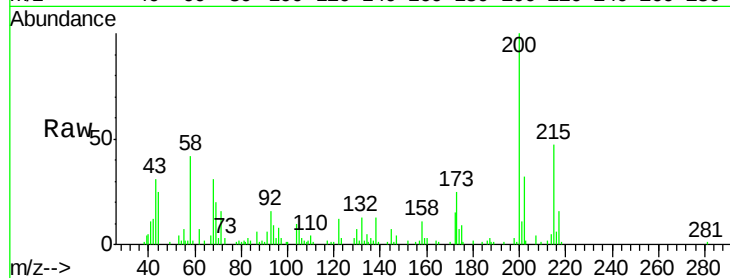
Tgt Ion:200 Resp: 52709

Ion Ratio Lower Upper

200 100

173 25.2 7.0 47.0

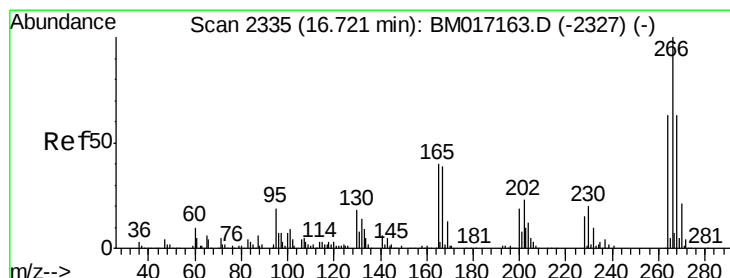
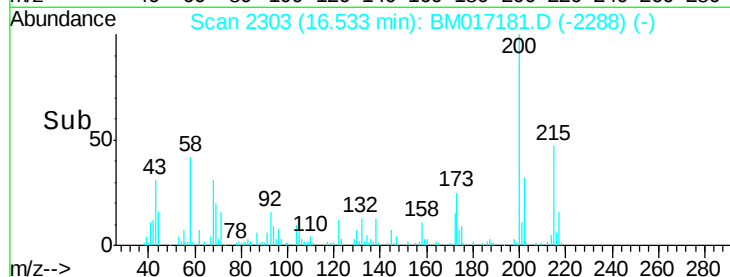
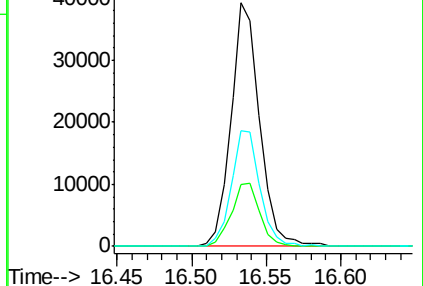
215 47.5 27.3 67.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 3.193 ng

RT: 16.71 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

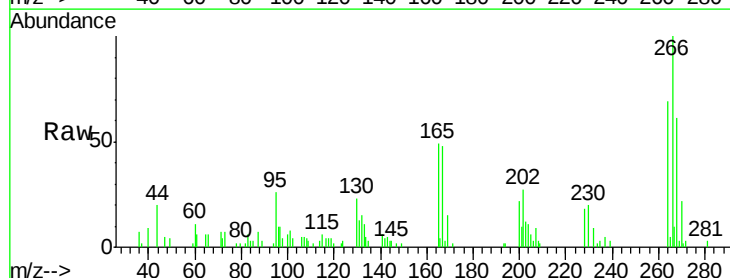
Tgt Ion:266 Resp: 28988

Ion Ratio Lower Upper

266 100

268 61.0 50.7 76.1

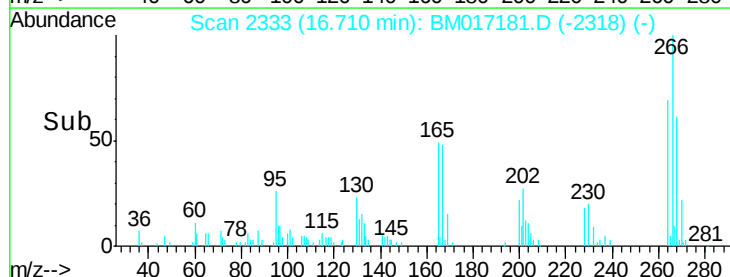
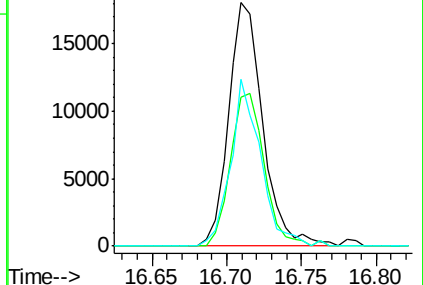
264 68.6 50.4 75.6

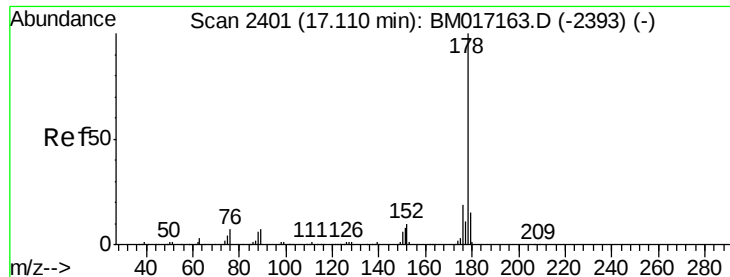


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 5.435 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

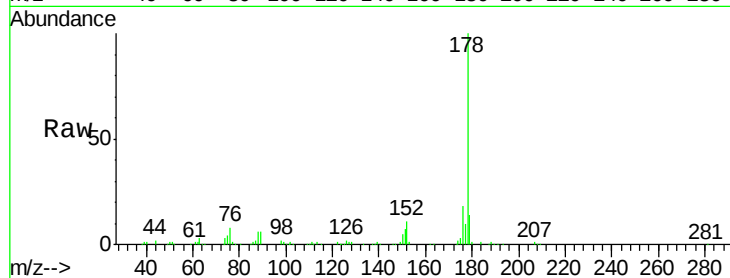
Tgt Ion:178 Resp: 304723

Ion Ratio Lower Upper

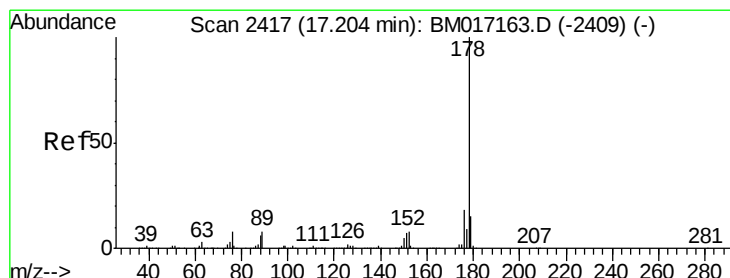
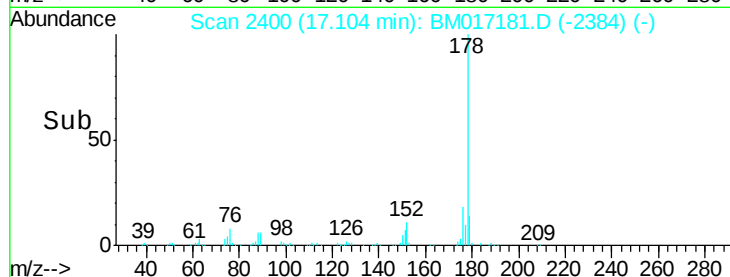
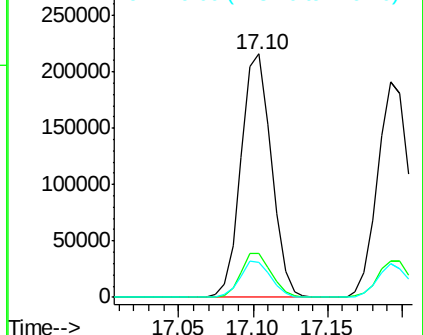
178 100

176 18.0 15.0 22.6

179 14.5 12.3 18.5



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



#72

Anthracene

Concen: 5.339 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

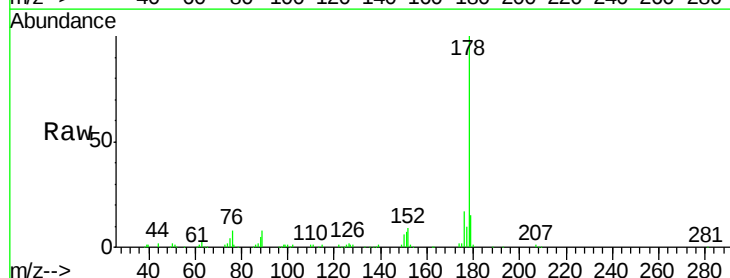
Tgt Ion:178 Resp: 284425

Ion Ratio Lower Upper

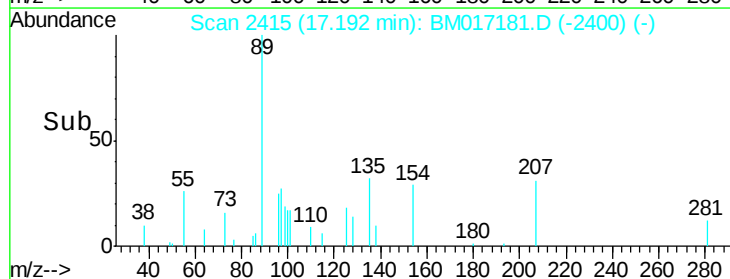
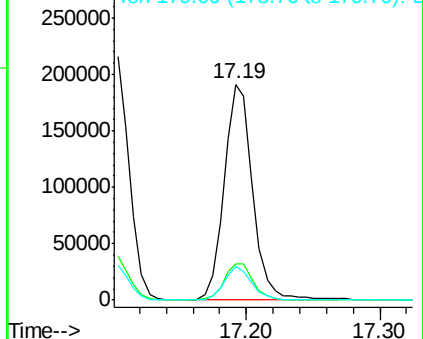
178 100

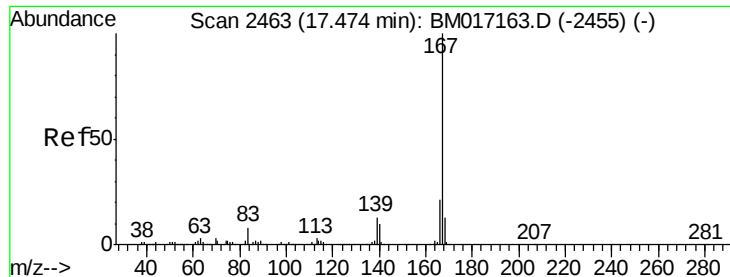
176 17.0 14.5 21.7

179 15.5 12.2 18.2



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

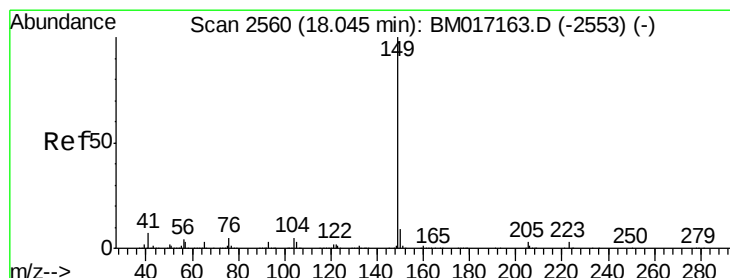
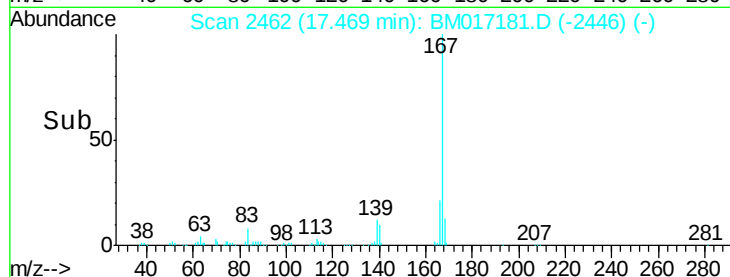
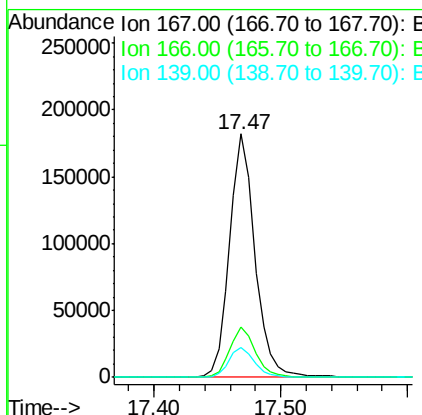
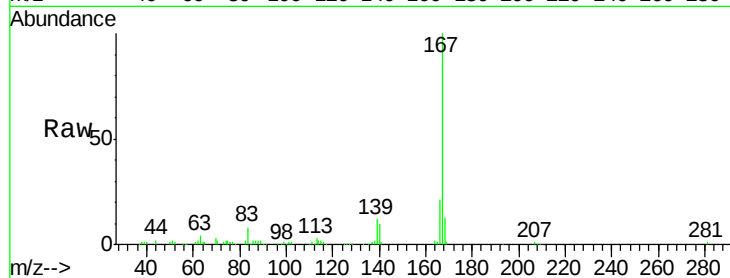




#73
 Carbazole
 Concen: 4.645 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

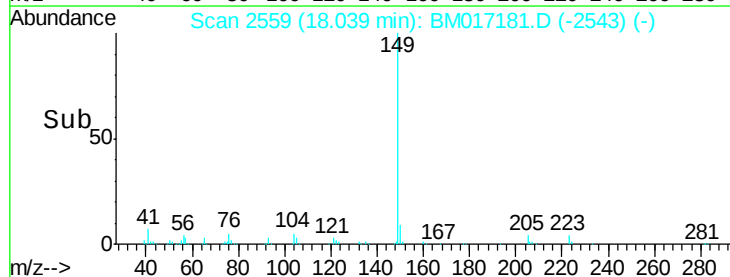
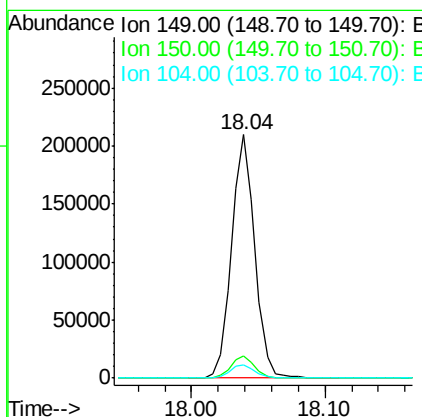
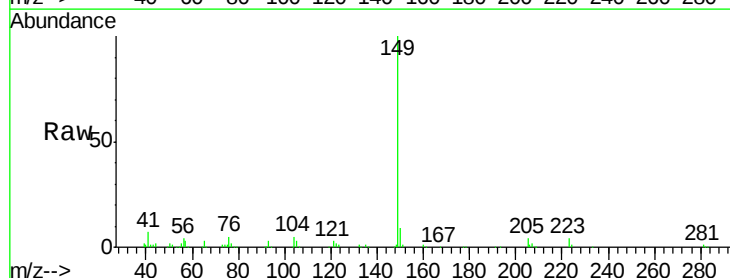
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

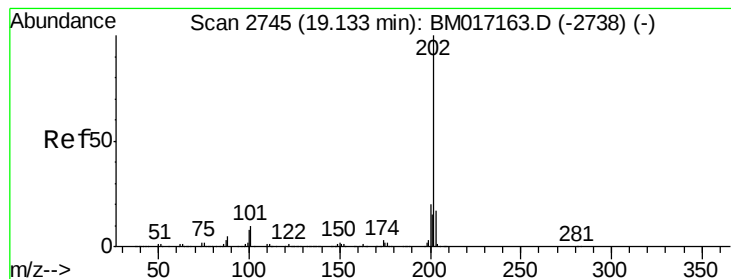
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.1	25.7
139	12.4	10.1	15.1



#74
 Di-n-butylphthalate
 Concen: 4.438 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.00 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 5.401 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

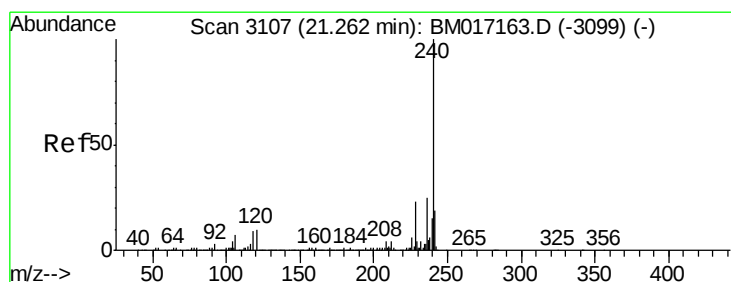
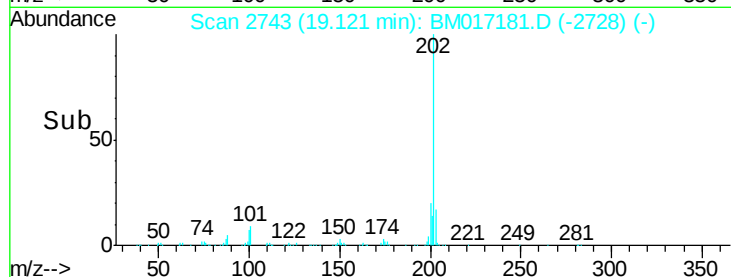
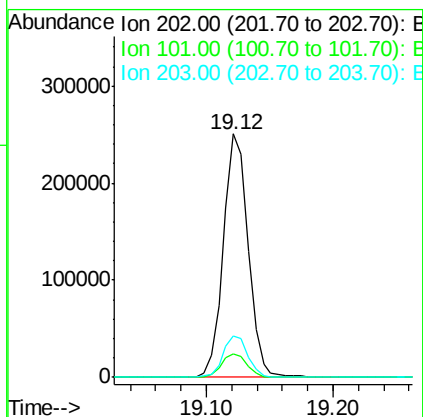
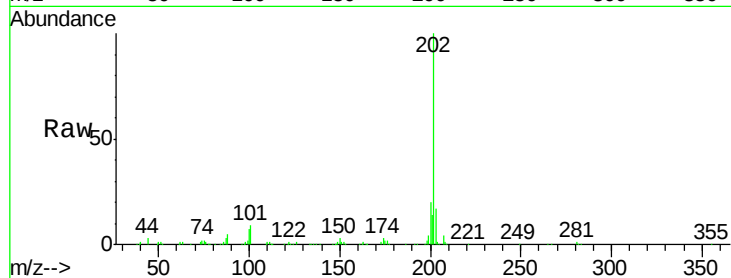
Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	202	Resp:	340762
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.0
203	16.8	0.0	37.2



#76

Chrysene-d12

Concen: 20.000 ng

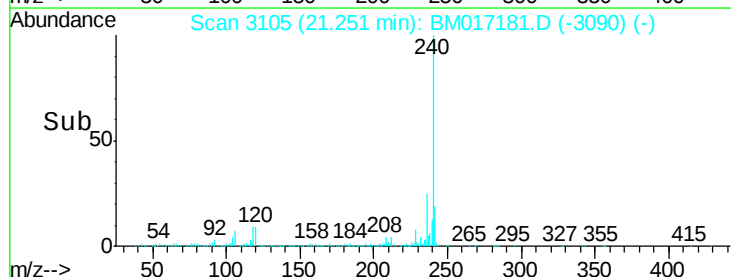
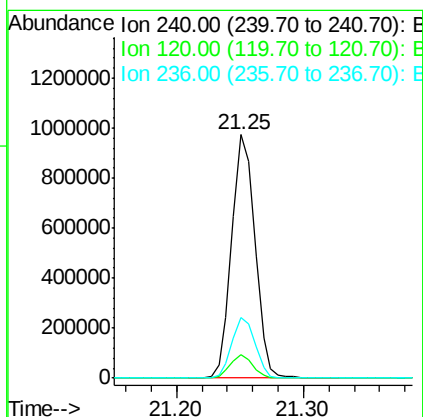
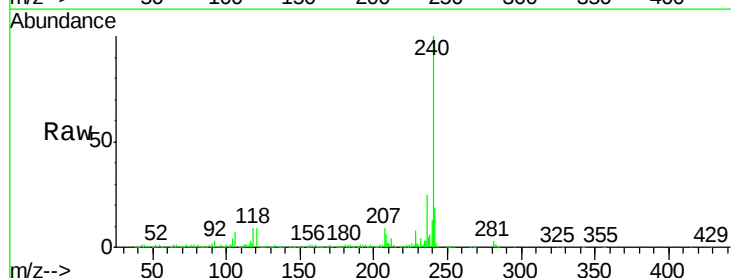
RT: 21.25 min Scan# 3105

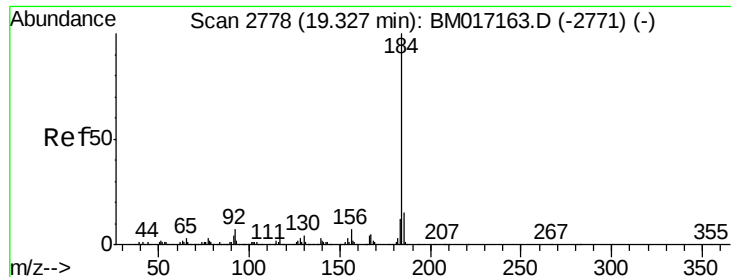
Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:	240	Resp:	1240625
Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.1	12.1
236	24.9	19.9	29.9





#77

Benzidine

Concen: 2.436 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

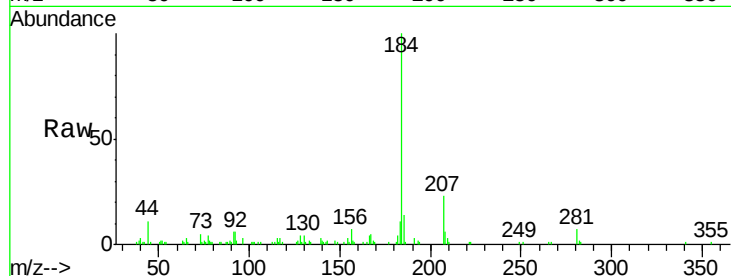
Tgt Ion:184 Resp: 76625

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.8

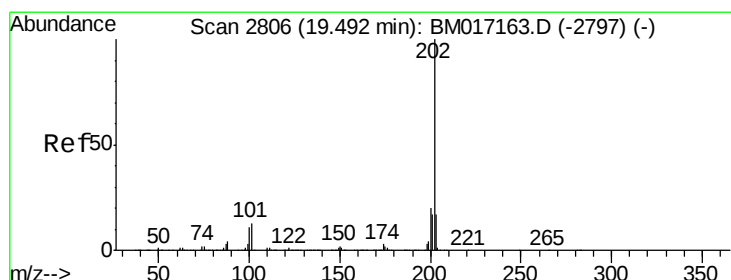
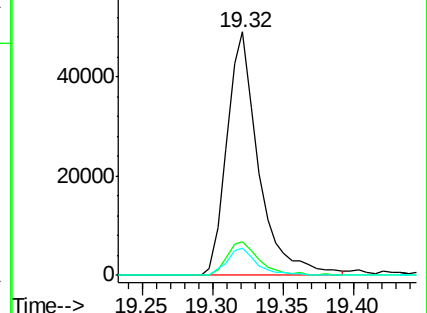
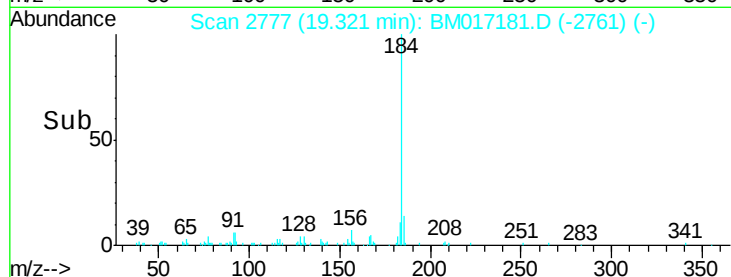
183 11.1 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 5.088 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

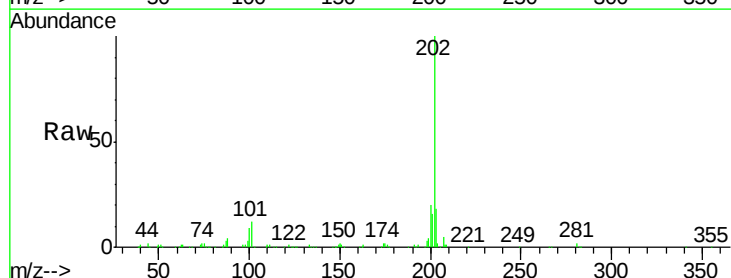
Tgt Ion:202 Resp: 352766

Ion Ratio Lower Upper

202 100

200 19.9 16.3 24.5

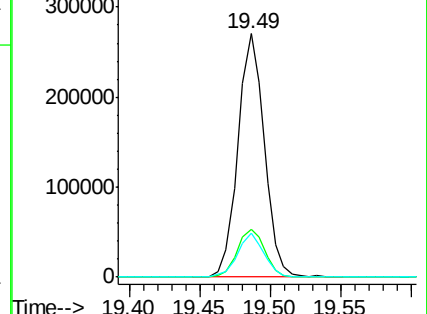
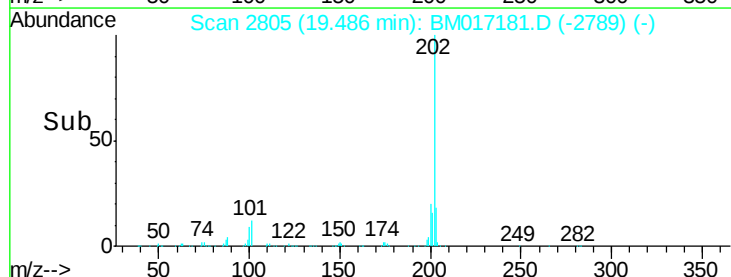
203 17.9 13.9 20.9

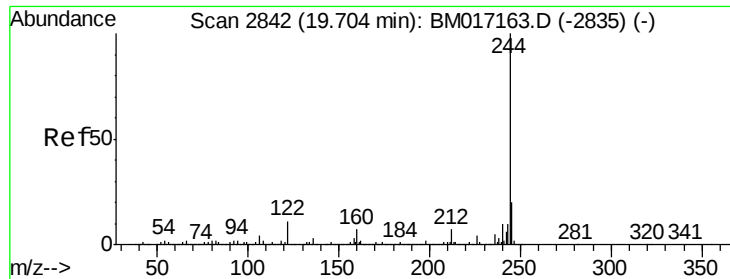


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

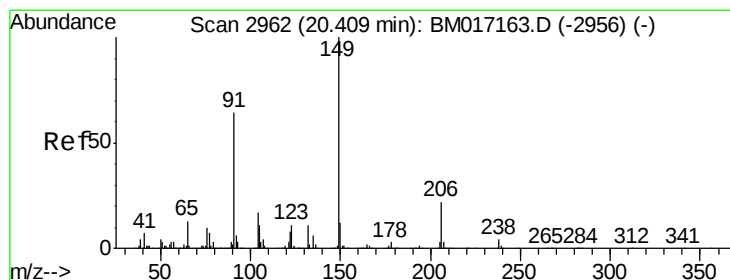
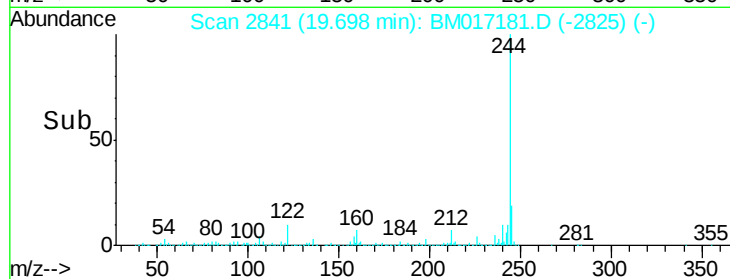
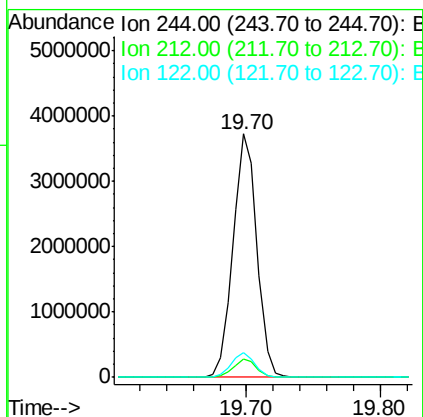
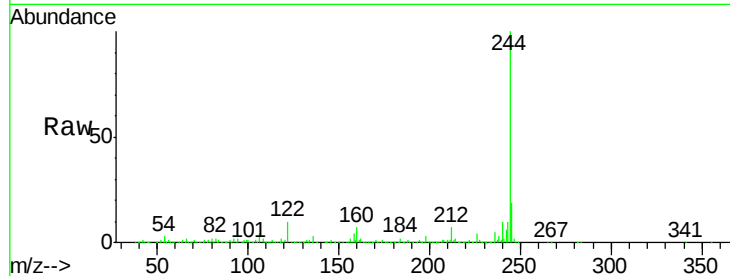




#79
 Terphenyl-d14
 Concen: 84.192 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

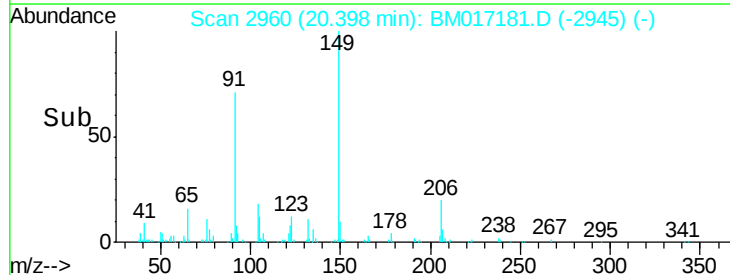
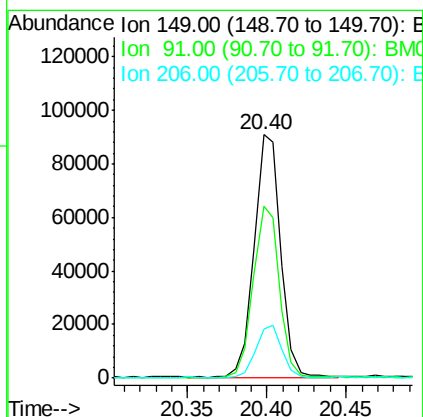
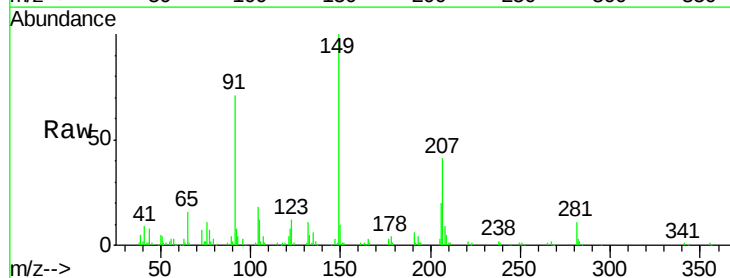
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

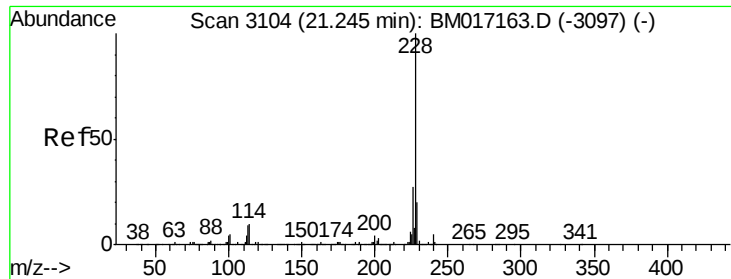
Tgt Ion:244 Resp: 4633991
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.2 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 10.618 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion:149 Resp: 106776
 Ion Ratio Lower Upper
 149 100
 91 70.6 51.3 76.9
 206 20.2 18.0 27.0





#81

Benzo(a)anthracene

Concen: 5.309 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

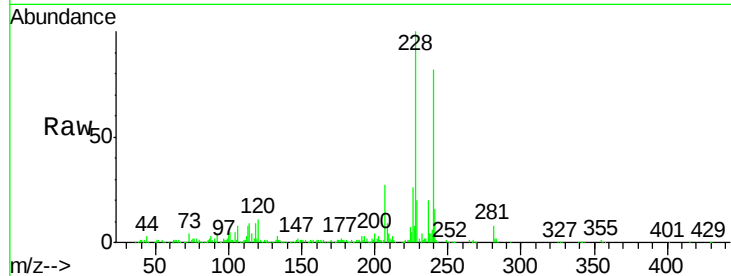
Tgt Ion:228 Resp: 370656

Ion Ratio Lower Upper

228 100

226 26.2 21.4 32.0

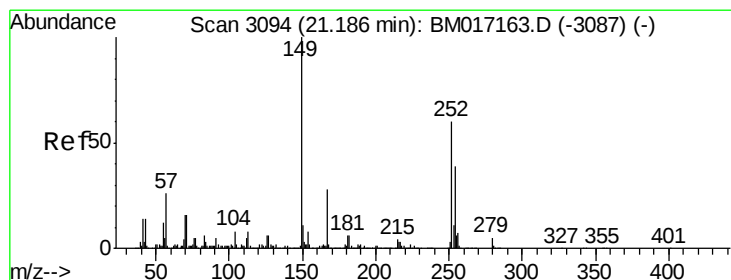
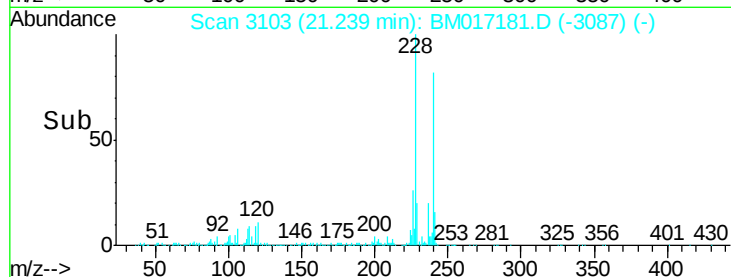
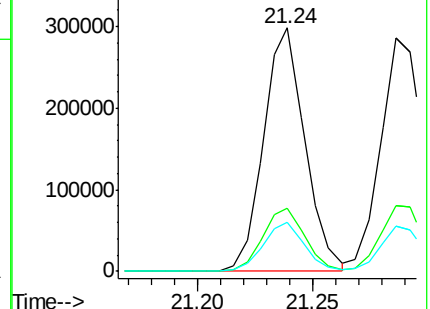
229 20.3 15.9 23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 3.244 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

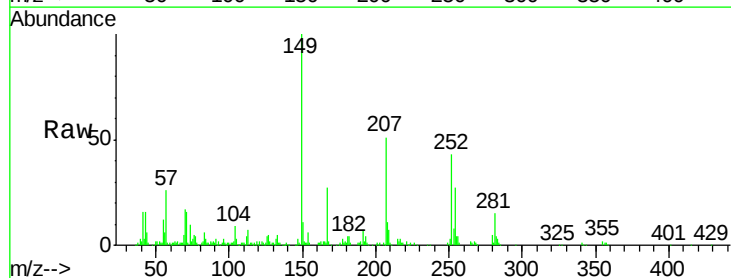
Tgt Ion:252 Resp: 84406

Ion Ratio Lower Upper

252 100

254 61.5 52.1 78.1

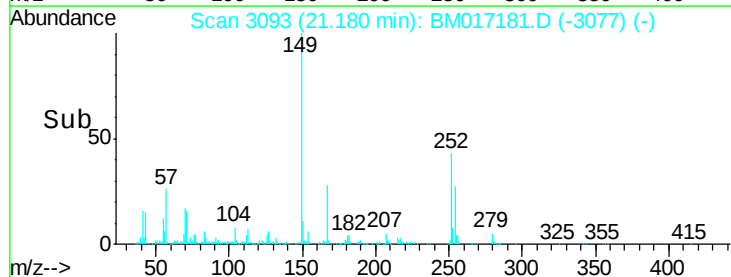
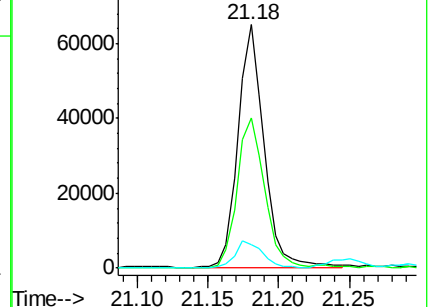
126 9.5 8.6 12.8

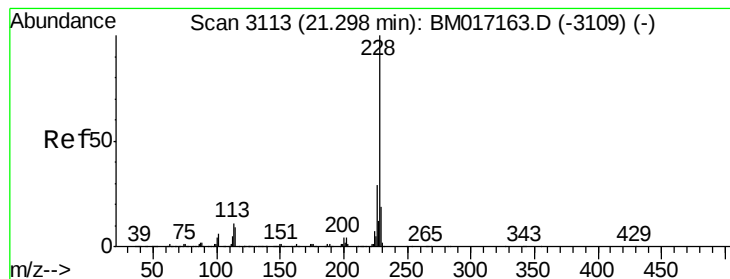


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 5.381 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

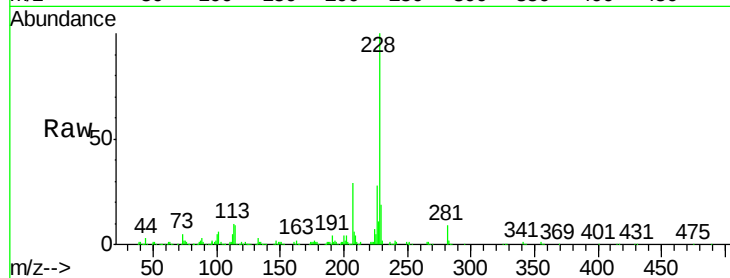
Tgt Ion:228 Resp: 371847

Ion Ratio Lower Upper

228 100

226 28.3 23.3 34.9

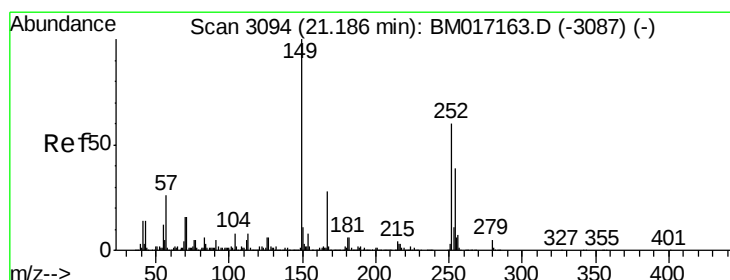
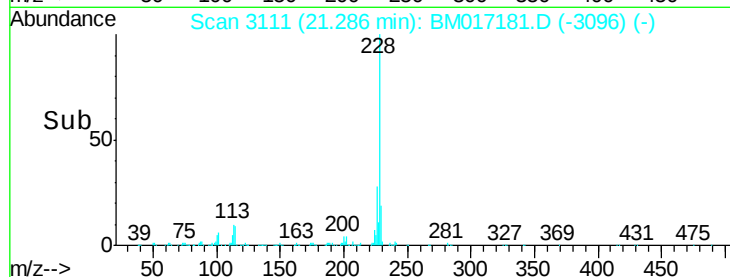
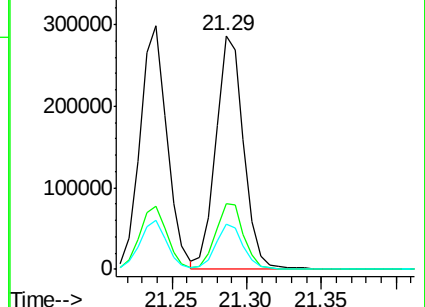
229 19.2 15.6 23.4



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: 8.736 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

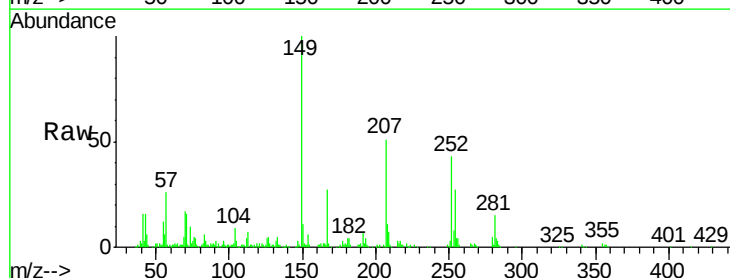
Tgt Ion:149 Resp: 155588

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

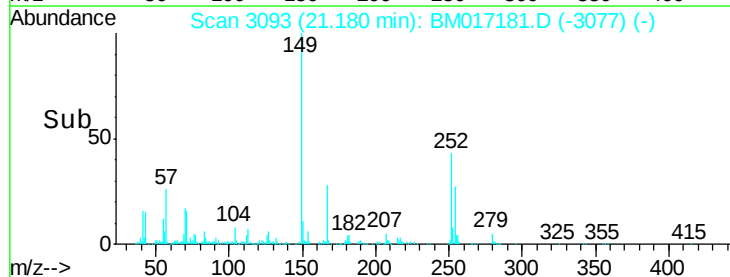
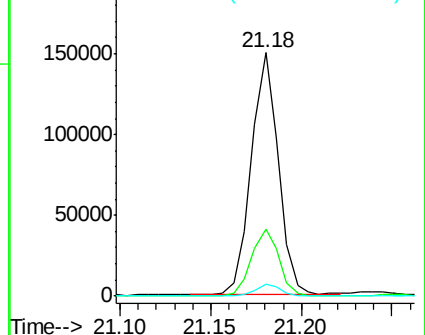
279 4.8 3.6 5.4

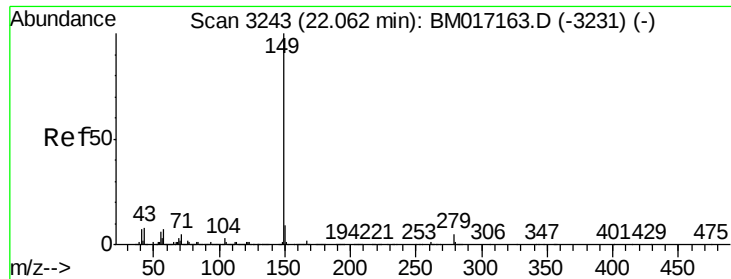


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

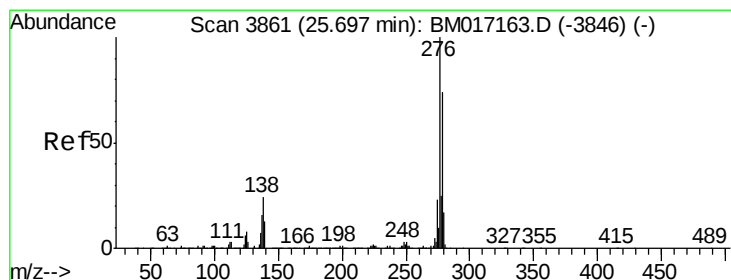
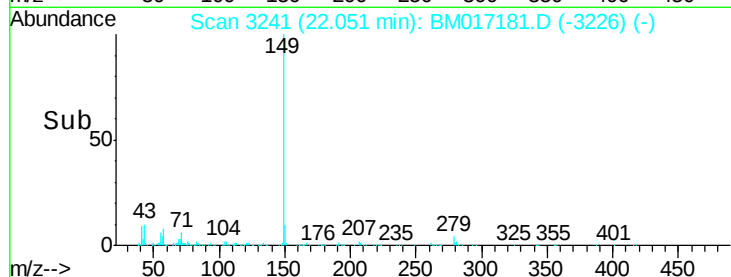
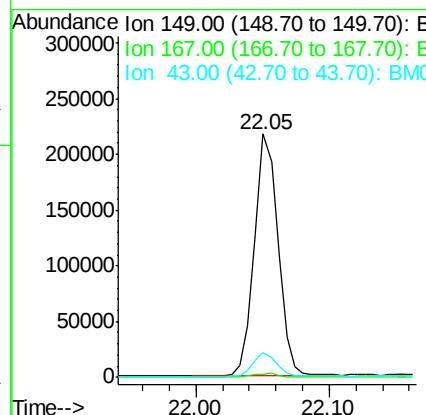
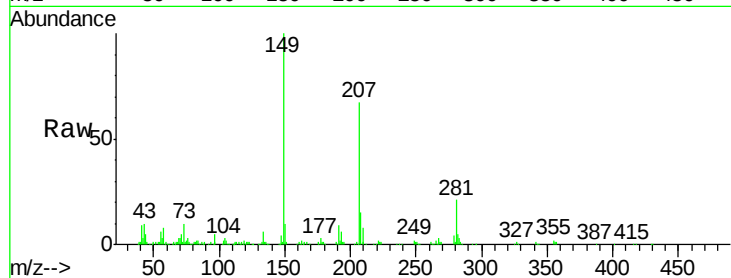




#85
 Di-n-octyl phthalate
 Concen: 8.995 ng
 RT: 22.05 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

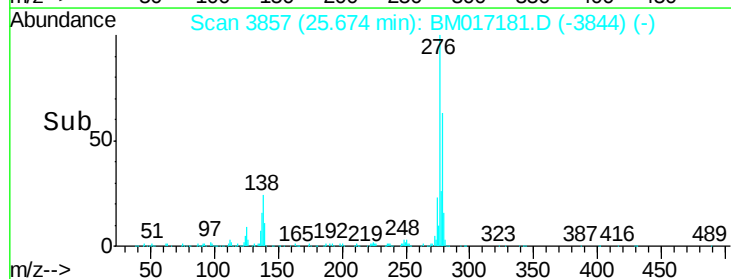
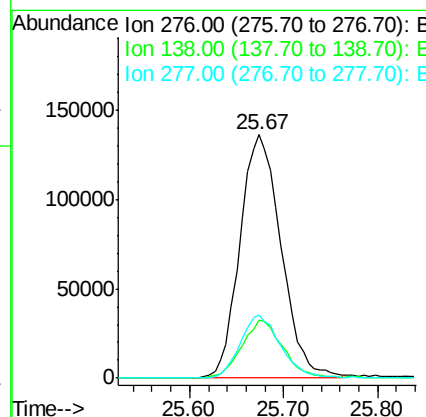
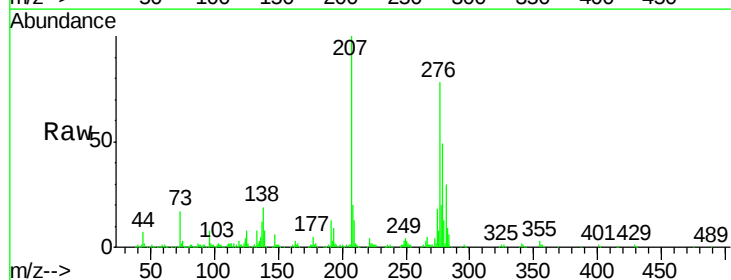
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

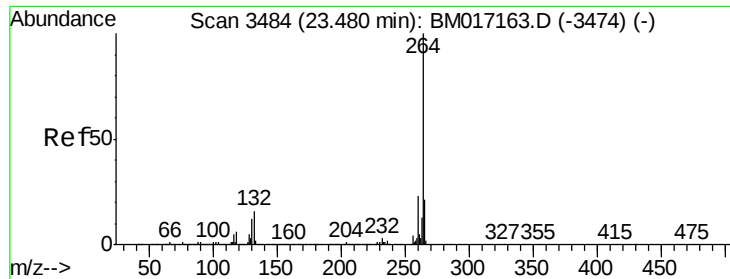
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.6	7.2	10.8



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 5.366 ng
 RT: 25.67 min Scan# 3857
 Delta R.T. -0.02 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.5	29.3
277	25.3	20.1	30.1





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

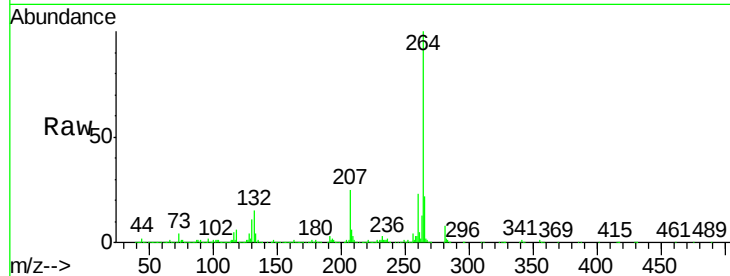
Tgt Ion:264 Resp: 1266761

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

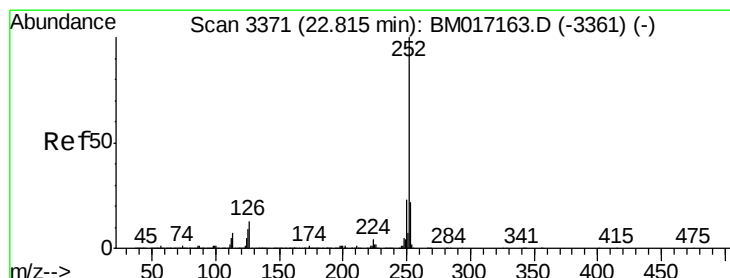
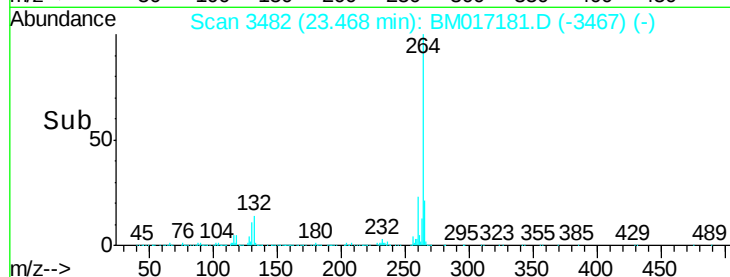
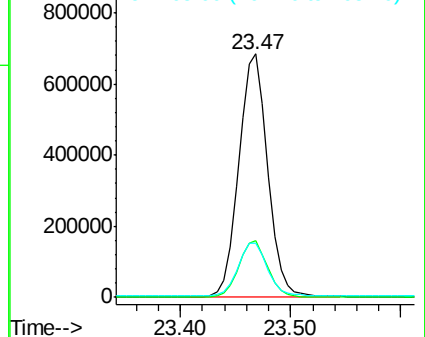
265 22.2 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 5.602 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

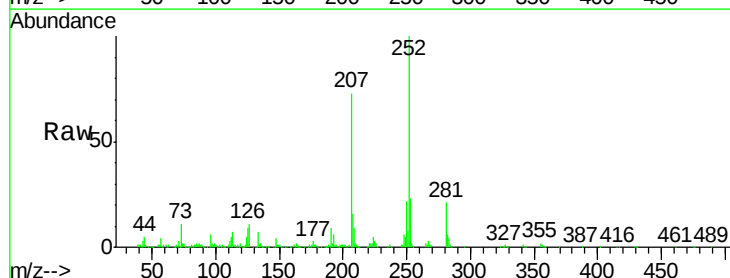
Tgt Ion:252 Resp: 387970

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

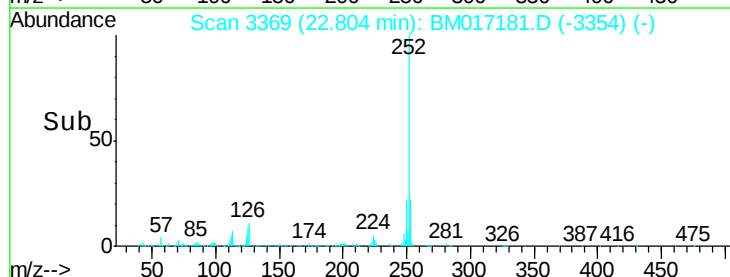
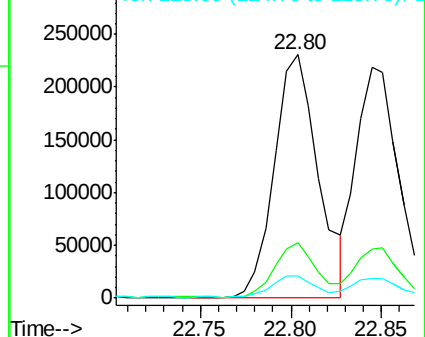
125 9.0 7.5 11.3

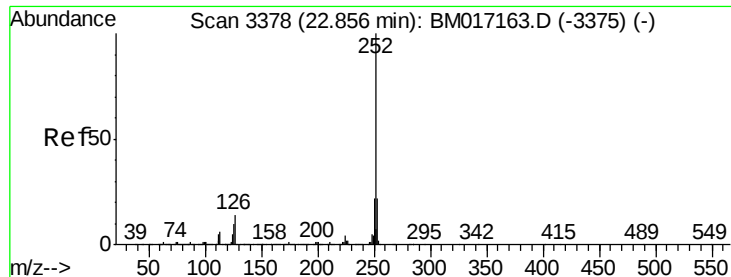


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 5.075 ng

RT: 22.84 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

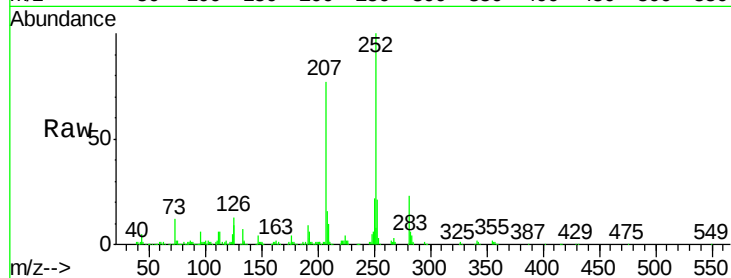
Tgt Ion:252 Resp: 352683

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

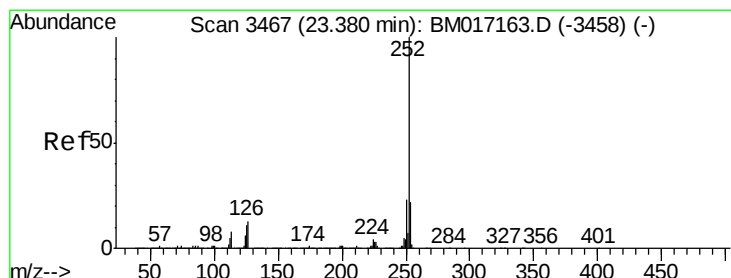
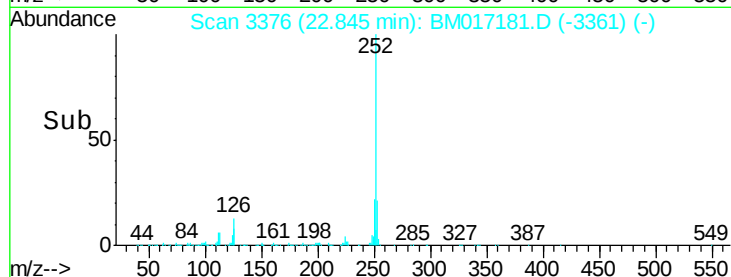
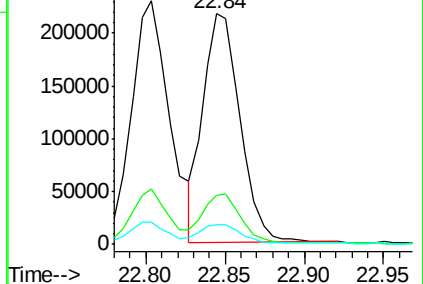
125 8.5 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 5.311 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

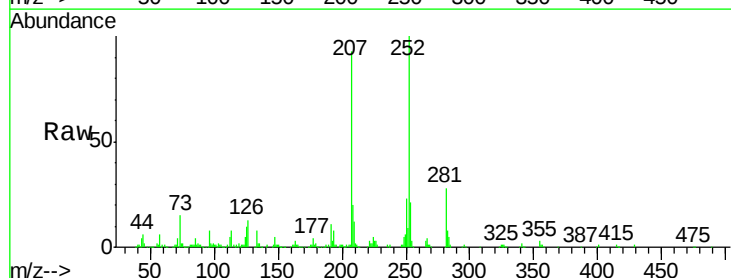
Tgt Ion:252 Resp: 349214

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.0

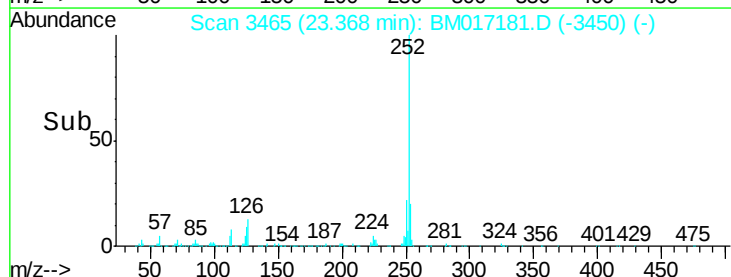
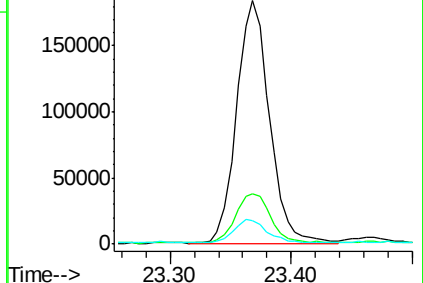
125 9.8 8.6 13.0

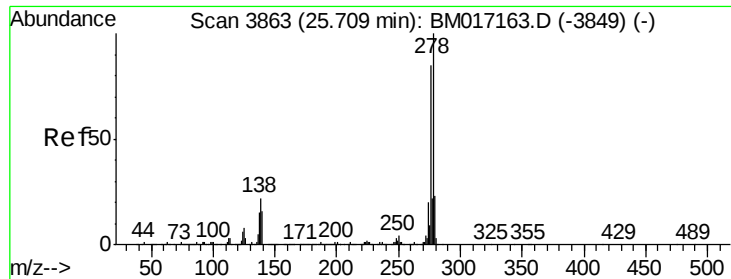


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 5.421 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

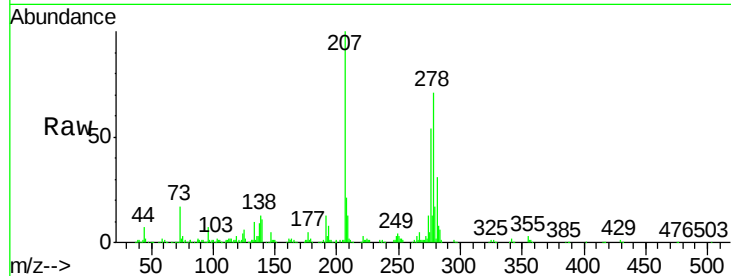
Tgt Ion: 278 Resp: 353940

Ion Ratio Lower Upper

278 100

139 15.0 12.7 19.1

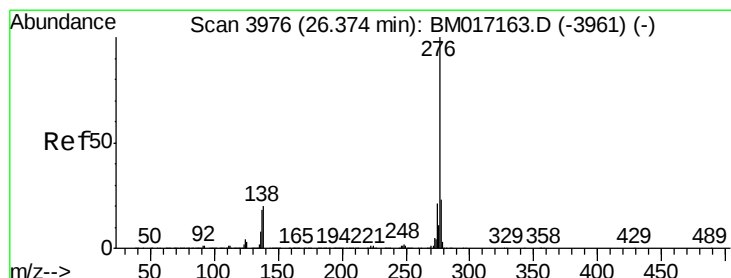
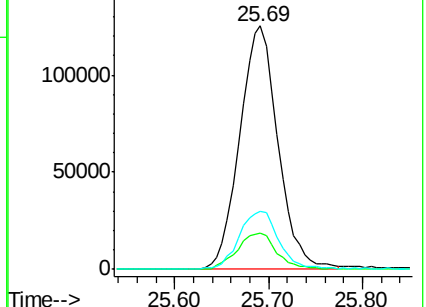
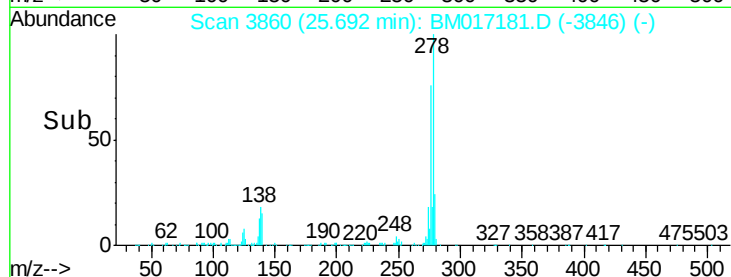
279 24.0 18.7 28.1



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: 5.551 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

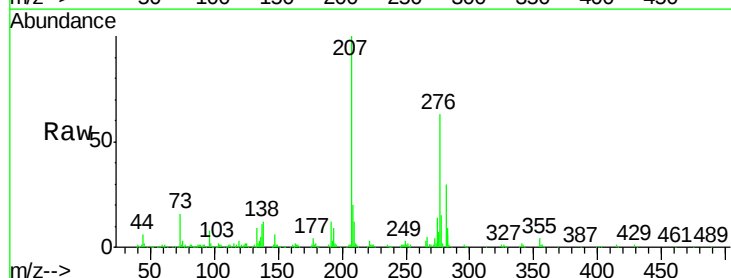
Tgt Ion: 276 Resp: 359254

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 19.4 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

