

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
 Data File : BM017182.D
 Acq On : 18 Oct 2018 07:21
 Operator : MJ/SJ
 Sample : J5164-09
 Misc : MDL 8 PPM
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Oct 18 13:04:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	192806	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	808009	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	464088	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1107477	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1319105	20.00	ng	-0.01
87) Perylene-d12	23.47	264	1359123	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1653781	145.07	ng	0.00
7) Phenol-d6	6.85	99	2177856	140.27	ng	0.00
23) Nitrobenzene-d5	8.82	82	1219803	88.29	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	961885	153.26	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2917834	83.65	ng	0.00
79) Terphenyl-d14	19.70	244	4650627	79.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	39901	6.855	ng	# 84
3) Pyridine	3.65	79	102286	7.637	ng	# 82
4) n-Nitrosodimethylamine	3.56	42	45207	8.408	ng	# 71
6) Aniline	7.01	93	119574	6.157	ng	95
8) 2-Chlorophenol	7.24	128	107115	8.122	ng	98
9) Benzaldehyde	6.83	77	79526	8.033	ng	93
10) Phenol	6.88	94	133096	7.965	ng	93
11) bis(2-Chloroethyl)ether	7.11	93	98401	7.387	ng	95
12) 1,3-Dichlorobenzene	7.56	146	119107	7.748	ng	98
13) 1,4-Dichlorobenzene	7.70	146	120602	7.678	ng	98
14) 1,2-Dichlorobenzene	8.02	146	115468	7.630	ng	98
15) Benzyl Alcohol	7.92	79	87005	7.667	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	133488	7.173	ng	99
17) 2-Methylphenol	8.11	107	85184	7.942	ng	95
18) Hexachloroethane	8.73	117	40566	7.547	ng	93
19) n-Nitroso-di-n-propylamine	8.47	70	77241	7.556	ng	95
20) 3+4-Methylphenols	8.43	107	111461	7.598	ng	97
22) Acetophenone	8.49	105	156700	7.651	ng	# 98
24) Nitrobenzene	8.86	77	125809	8.609	ng	93
25) Isophorone	9.39	82	197756	8.668	ng	96
26) 2-Nitrophenol	9.57	139	45076	11.511	ng	95
27) 2,4-Dimethylphenol	9.63	122	92745	9.194	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	131181	8.170	ng	98
29) 2,4-Dichlorophenol	10.10	162	89511	7.642	ng	97
30) 1,2,4-Trichlorobenzene	10.31	180	110880	7.892	ng	95
31) Naphthalene	10.49	128	332518	8.398	ng	99
32) Benzoic acid	9.71	122	35767	4.752	ng	94
33) 4-Chloroaniline	10.62	127	95492	5.584	ng	95
34) Hexachlorobutadiene	10.77	225	67563	7.589	ng	99
35) Caprolactam	11.39	113	25212	5.907	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	101983	7.725	ng	96
37) 2-Methylnaphthalene	12.11	142	243161	8.974	ng	97
38) 1-Methylnaphthalene	12.33	142	228894	8.679	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	126522	7.741	ng	99

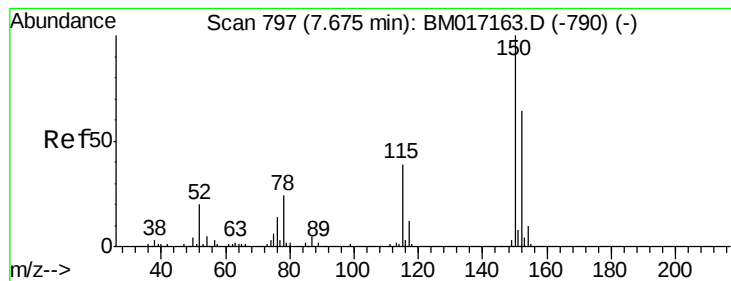
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	76146	9.637	ng	97
43) 2,4,6-Trichlorophenol	12.73	196	74681	7.872	ng	96
44) 2,4,5-Trichlorophenol	12.80	196	81142	7.976	ng	96
46) 1,1'-Biphenyl	13.14	154	312630	7.486	ng	99
47) 2-Chloronaphthalene	13.18	162	238970	7.778	ng	98
48) 2-Nitroaniline	13.39	65	56967	11.473	ng	98
49) Acenaphthylene	14.03	152	378475	8.499	ng	100
50) Dimethylphthalate	13.77	163	303204	8.468	ng	100
51) 2,6-Dinitrotoluene	13.89	165	57702	7.322	ng #	85
52) Acenaphthene	14.37	154	230671	8.249	ng	95
53) 3-Nitroaniline	14.23	138	45032	5.276	ng #	89
54) 2,4-Dinitrophenol	14.43	184	25613	13.197	ng	93
55) Dibenzofuran	14.71	168	375384	8.073	ng	98
56) 4-Nitrophenol	14.54	139	45401	10.209	ng	95
57) 2,4-Dinitrotoluene	14.69	165	75869	7.163	ng	88
58) Fluorene	15.36	166	295202	8.577	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.94	232	77403	8.346	ng	97
60) Diethylphthalate	15.15	149	297478	8.378	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	156103	7.956	ng	97
62) 4-Nitroaniline	15.39	138	58138	10.254	ng	91
63) Azobenzene	15.66	77	267786	7.759	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	39122	11.701	ng	98
66) n-Nitrosodiphenylamine	15.58	169	259673	7.750	ng	98
67) 4-Bromophenyl-phenylether	16.26	248	94677	7.786	ng	93
68) Hexachlorobenzene	16.36	284	109005	7.717	ng	97
69) Atrazine	16.53	200	90788	7.571	ng	98
70) Pentachlorophenol	16.72	266	51752	5.348	ng	98
71) Phenanthrene	17.10	178	500506	8.376	ng	98
72) Anthracene	17.19	178	484528	8.534	ng	99
73) Carbazole	17.47	167	428983	7.397	ng	98
74) Di-n-butylphthalate	18.04	149	449997	7.357	ng	99
75) Fluoranthene	19.12	202	586664	8.725	ng	99
77) Benzidine	19.32	184	141282	4.224	ng	99
78) Pyrene	19.49	202	598663	8.120	ng	99
80) Butylbenzylphthalate	20.40	149	188663	12.895	ng	91
81) Benzo(a)anthracene	21.24	228	626054	8.434	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	144753	5.232	ng	100
83) Chrysene	21.29	228	615771	8.381	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	288099	11.278	ng	99
85) Di-n-octyl phthalate	22.06	149	486778	11.489	ng	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	699250	8.509	ng	98
88) Benzo(b)fluoranthene	22.80	252	646788	8.704	ng	99
89) Benzo(k)fluoranthene	22.84	252	598778	8.031	ng	99
90) Benzo(a)pyrene	23.37	252	595587	8.442	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	592889	8.463	ng	99
92) Benzo(g,h,i)perylene	26.35	276	587632	8.463	ng	99

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

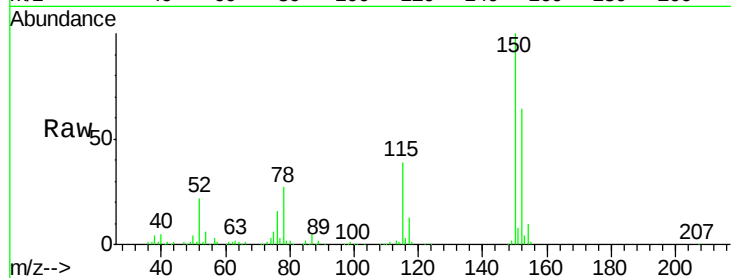


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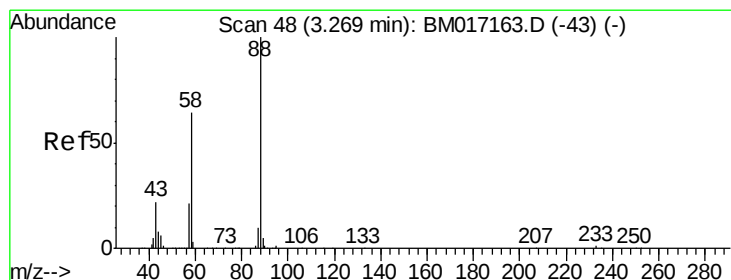
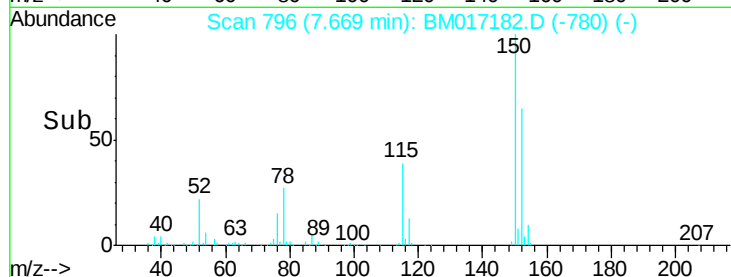
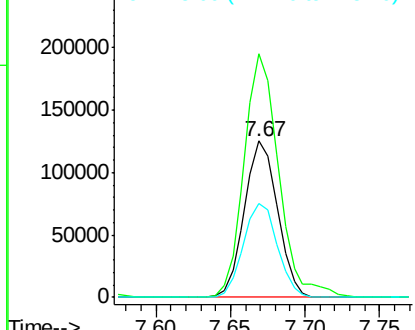
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tgt Ion:152 Resp: 192806
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 60.4 48.1 72.1



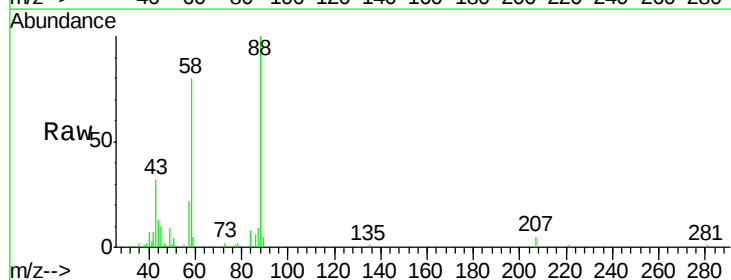
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



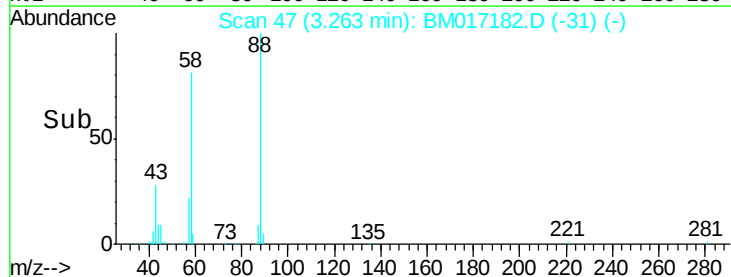
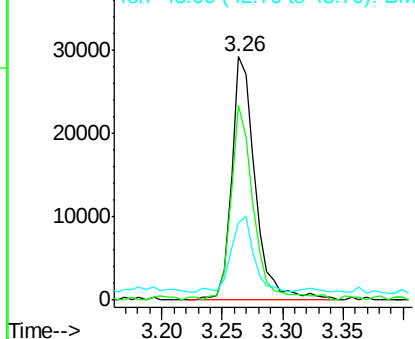
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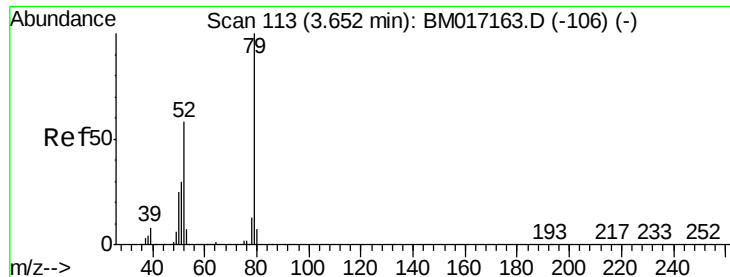
1,4-Dioxane
Concen: 6.855 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 88 Resp: 39901
Ion Ratio Lower Upper
88 100
58 76.4 50.2 75.4#
43 29.5 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: 7.637 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

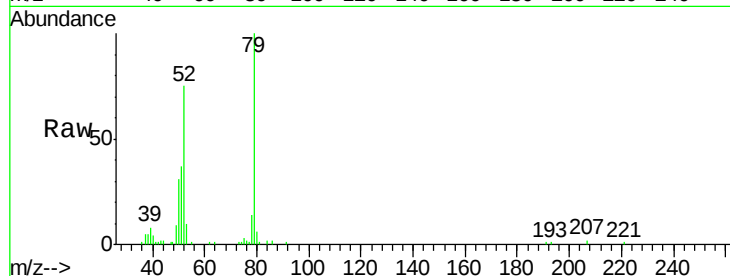
Tgt Ion: 79 Resp: 102286

Ion Ratio Lower Upper

79 100

52 75.0 46.5 69.7#

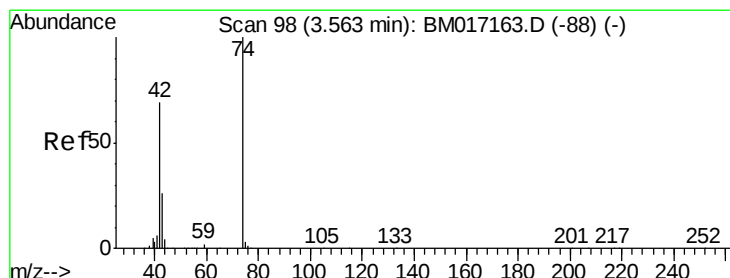
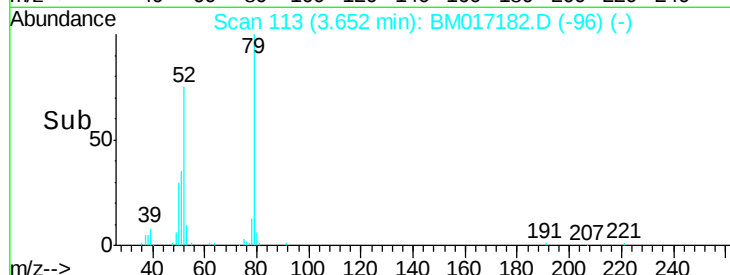
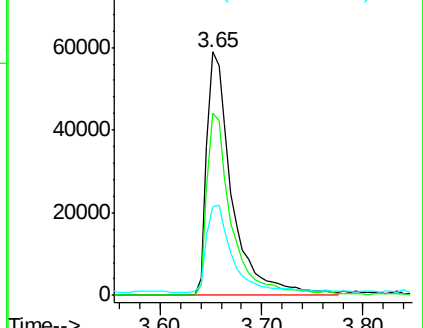
51 36.5 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 8.408 ng

RT: 3.56 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

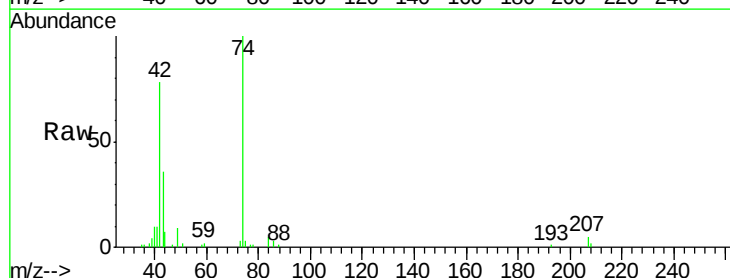
Tgt Ion: 42 Resp: 45207

Ion Ratio Lower Upper

42 100

74 127.9 114.4 171.6

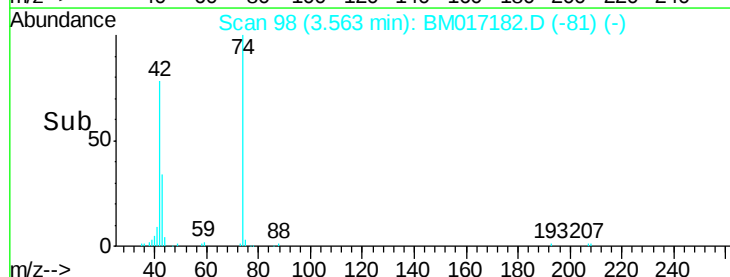
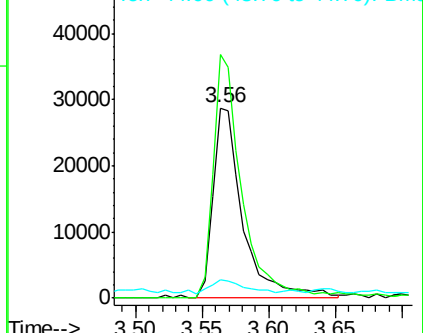
44 9.4 48.6 73.0#

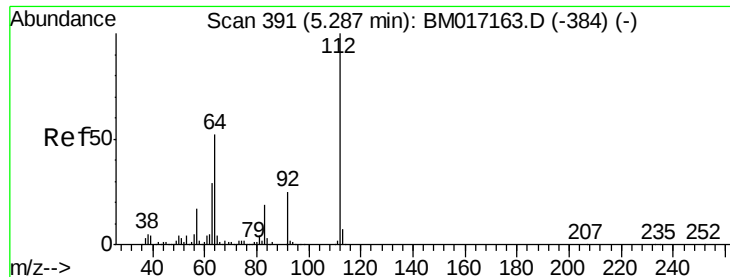


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 145.073 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

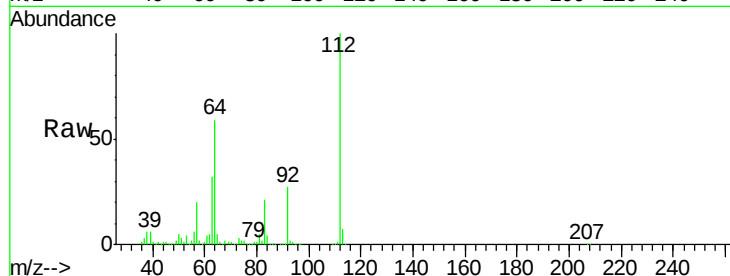
Tgt Ion: 112 Resp: 1653781

Ion Ratio Lower Upper

112 100

64 58.7 41.7 62.5

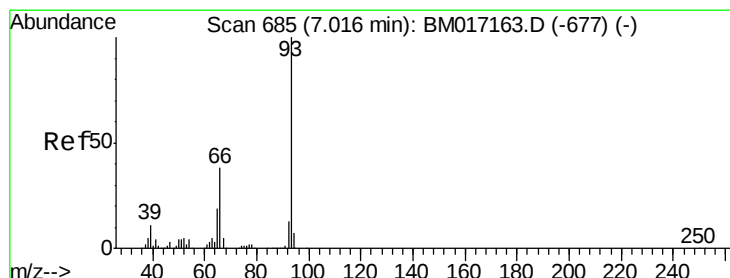
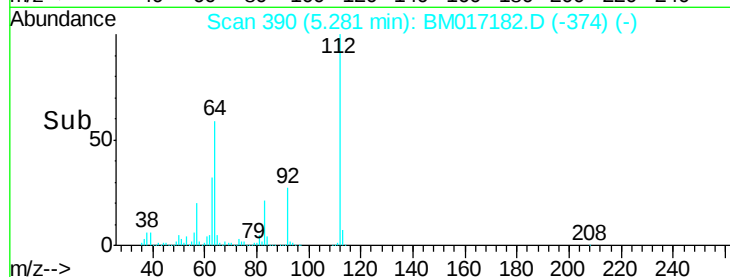
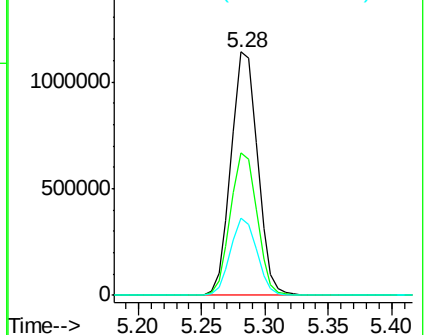
63 31.7 23.0 34.4



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: 6.157 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

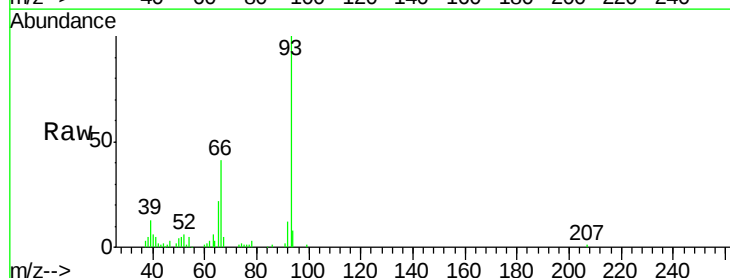
Tgt Ion: 93 Resp: 119574

Ion Ratio Lower Upper

93 100

66 40.8 30.4 45.6

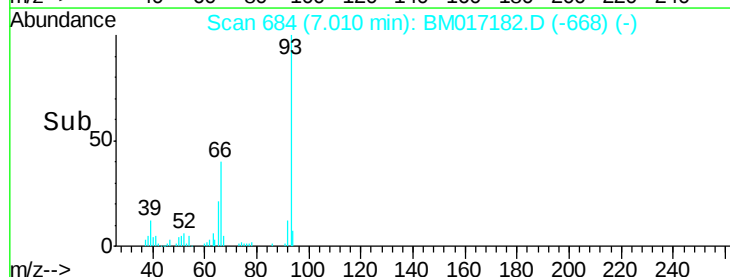
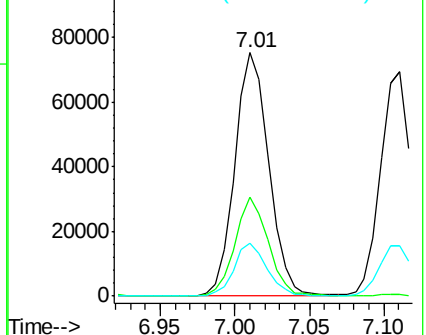
65 21.9 15.3 22.9

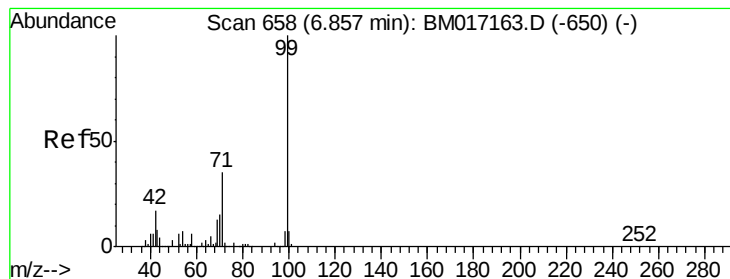


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 140.275 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017182.D

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MDL-WATER-03-QT4-2018

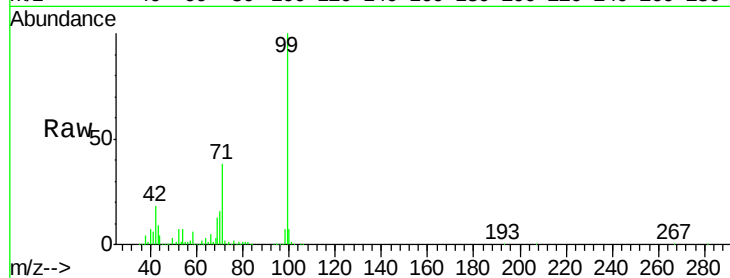
Tgt Ion: 99 Resp: 2177856

Ion Ratio Lower Upper

99 100

42 18.4 13.3 19.9

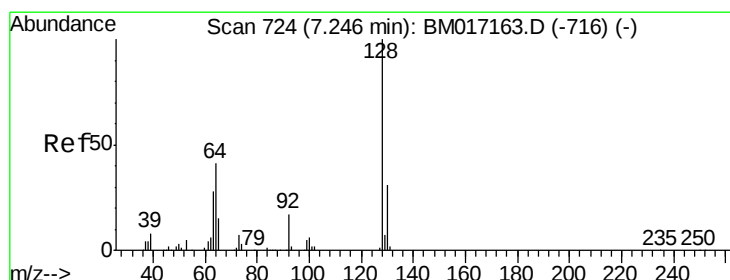
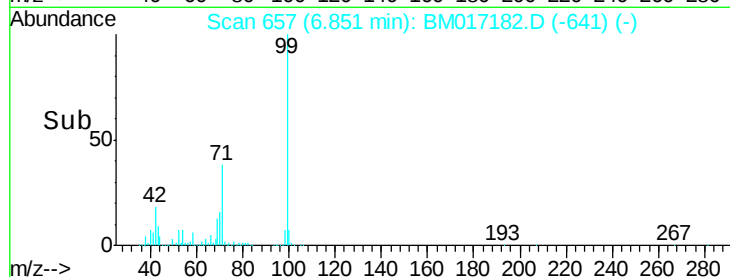
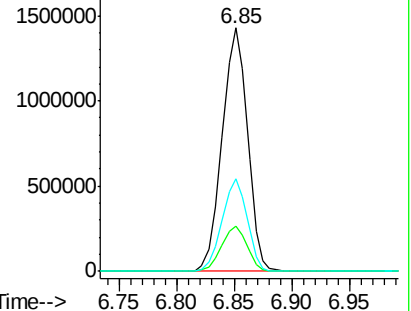
71 38.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 8.122 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

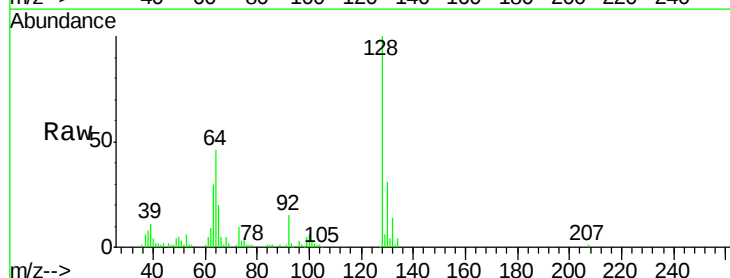
Tgt Ion: 128 Resp: 107115

Ion Ratio Lower Upper

128 100

130 31.0 11.0 51.0

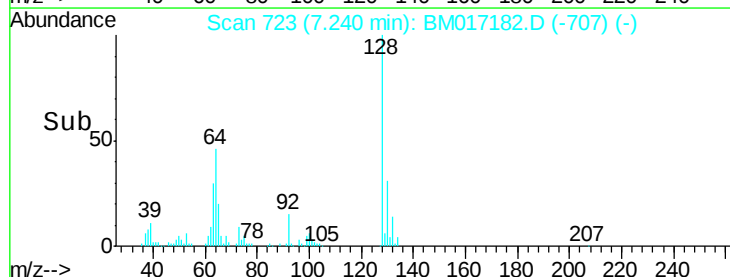
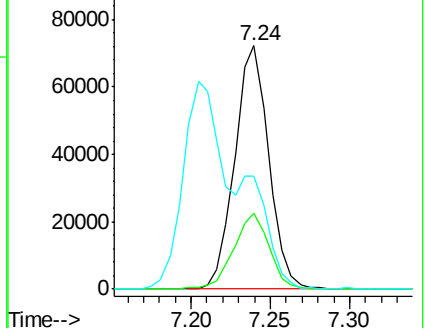
64 46.3 24.1 64.1

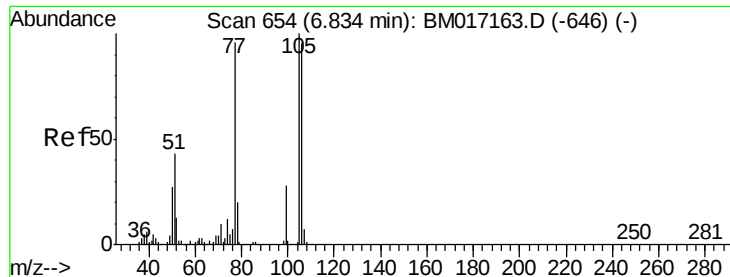


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 8.033 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017182.D

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Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

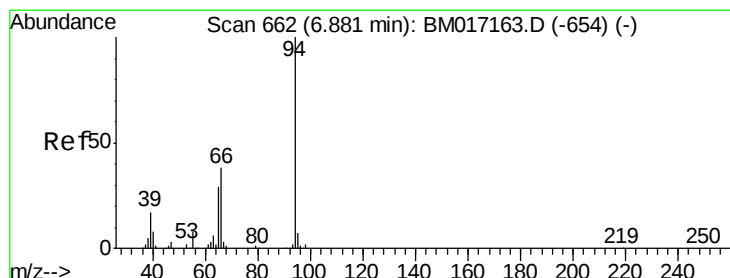
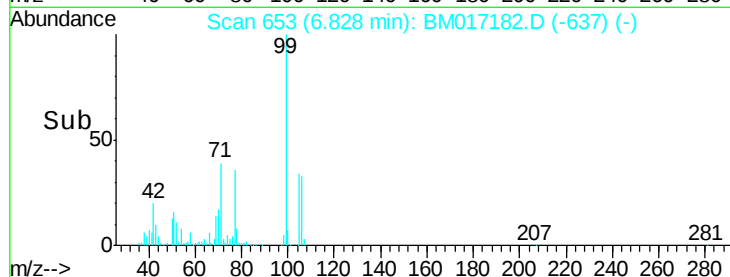
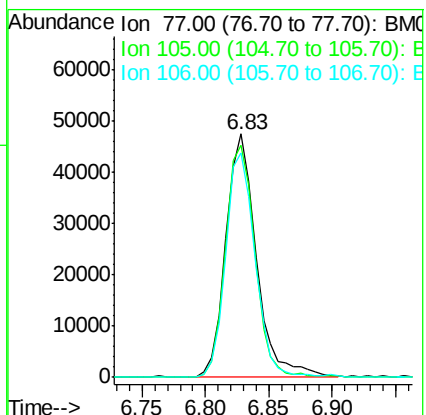
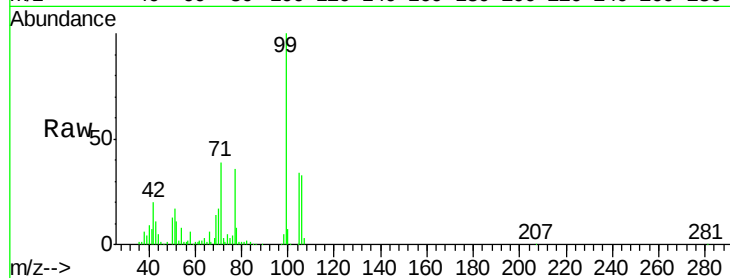
Tgt Ion: 77 Resp: 79526

Ion Ratio Lower Upper

77 100

105 95.5 83.9 123.9

106 92.2 78.2 118.2



#10

Phenol

Concen: 7.965 ng

RT: 6.88 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

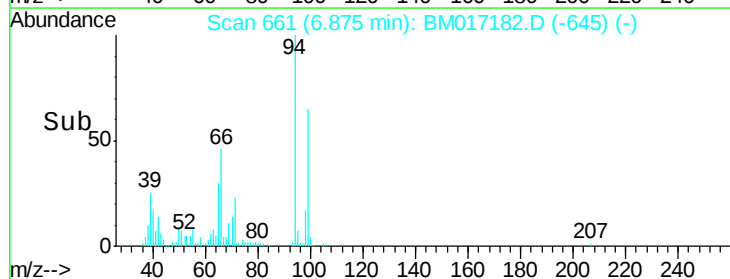
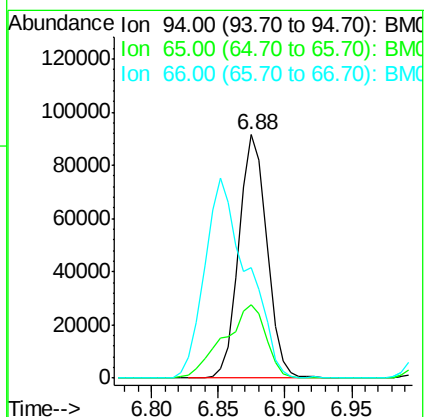
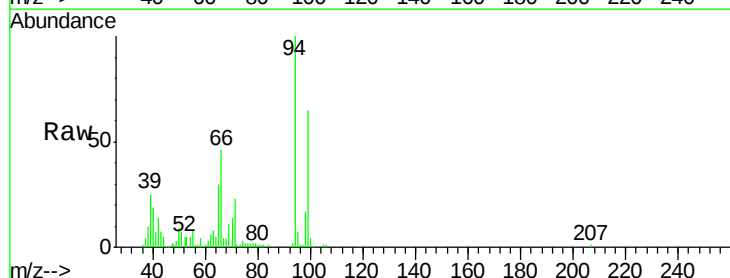
Tgt Ion: 94 Resp: 133096

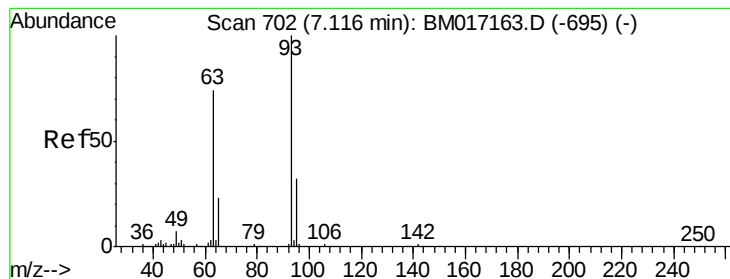
Ion Ratio Lower Upper

94 100

65 29.9 9.4 49.4

66 45.6 19.0 59.0





#11

bis(2-Chloroethyl)ether

Concen: 7.387 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

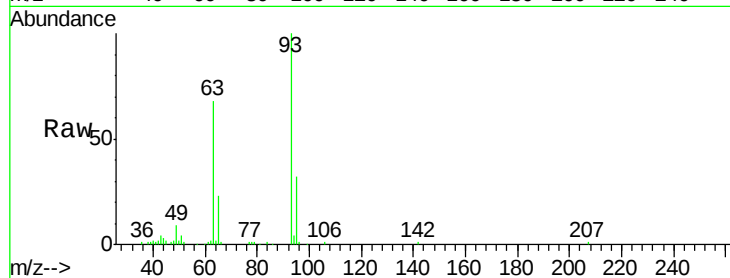
Tgt Ion: 93 Resp: 98401

Ion Ratio Lower Upper

93 100

63 67.7 54.0 94.0

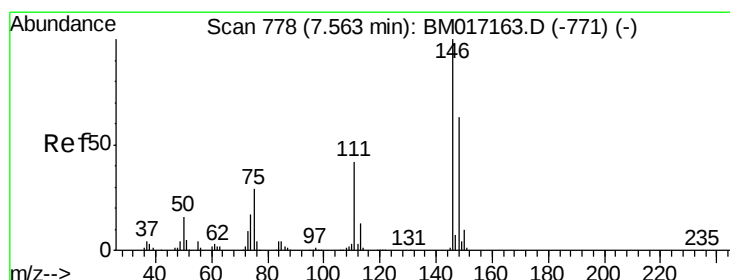
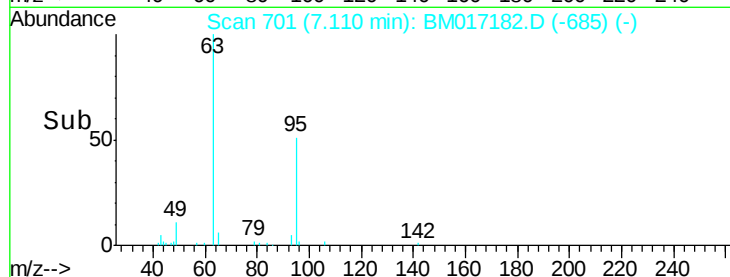
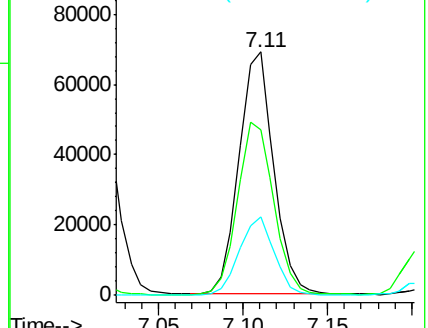
95 32.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BM017163.D (-695) (-)

Ion 63.00 (62.70 to 63.70): BM017163.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-695) (-)



#12

1,3-Dichlorobenzene

Concen: 7.748 ng

RT: 7.56 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

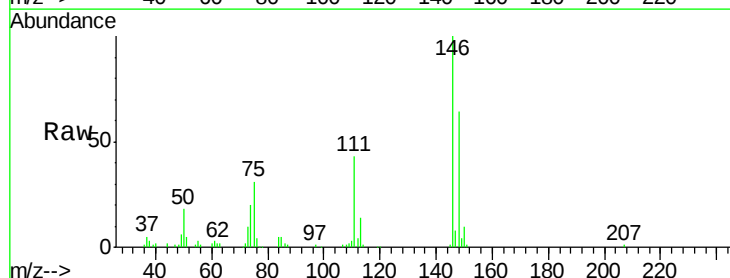
Tgt Ion: 146 Resp: 119107

Ion Ratio Lower Upper

146 100

148 64.1 50.2 75.4

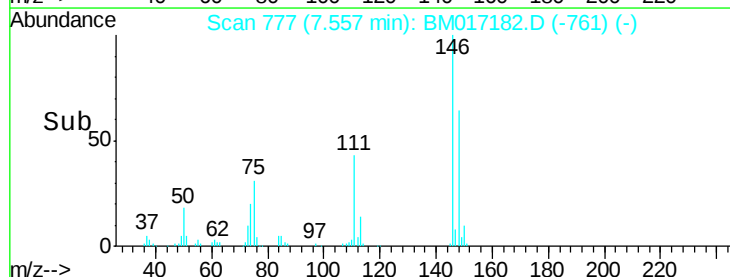
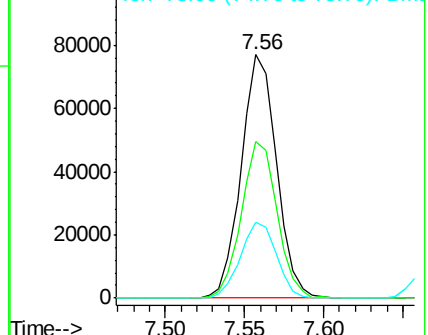
75 31.2 23.3 34.9

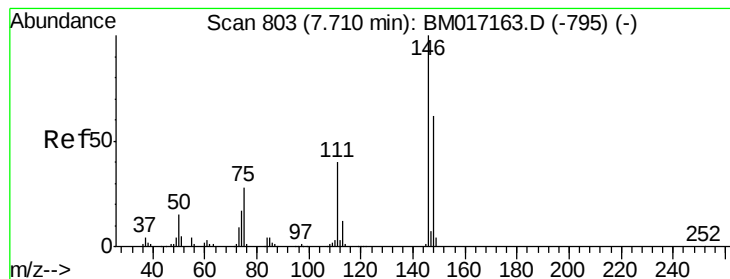


Abundance Ion 146.00 (145.70 to 146.70): BM017163.D (-771) (-)

Ion 148.00 (147.70 to 148.70): BM017163.D (-771) (-)

Ion 75.00 (74.70 to 75.70): BM017163.D (-771) (-)





#13

1,4-Dichlorobenzene

Concen: 7.678 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

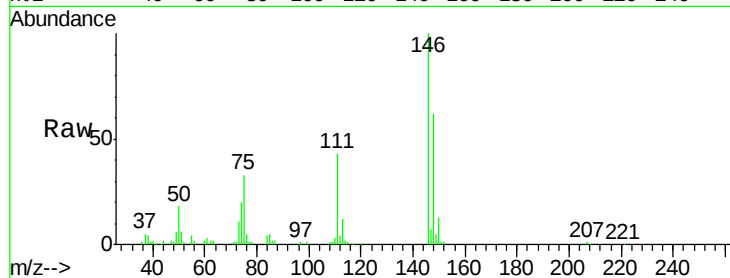
Tgt Ion:146 Resp: 120602

Ion Ratio Lower Upper

146 100

148 62.4 49.8 74.6

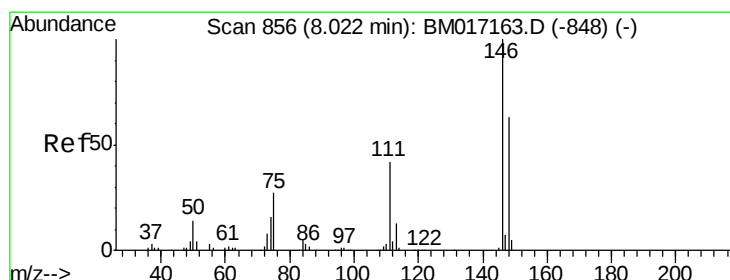
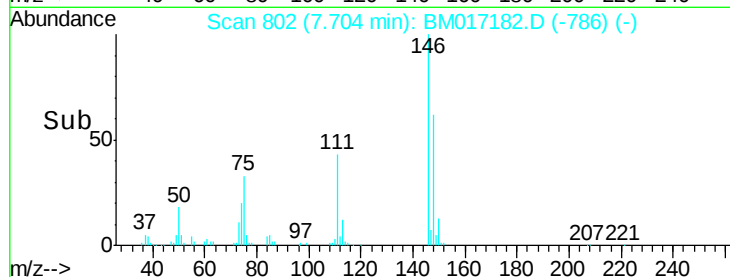
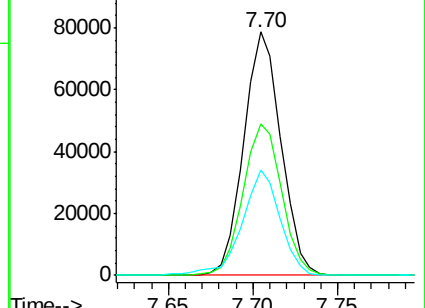
111 43.3 32.1 48.1



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: 7.630 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

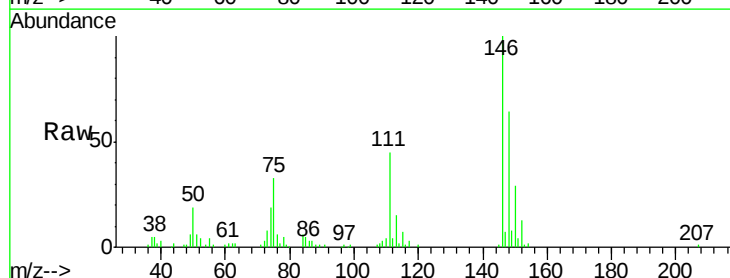
Tgt Ion:146 Resp: 115468

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

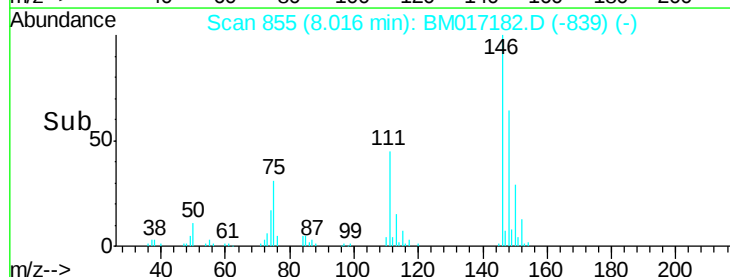
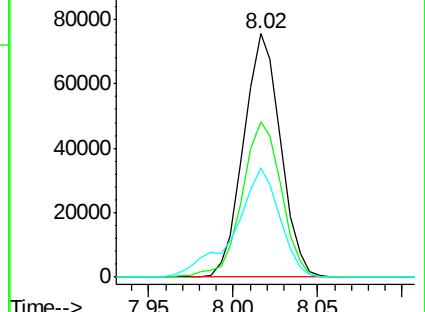
111 45.1 33.8 50.6

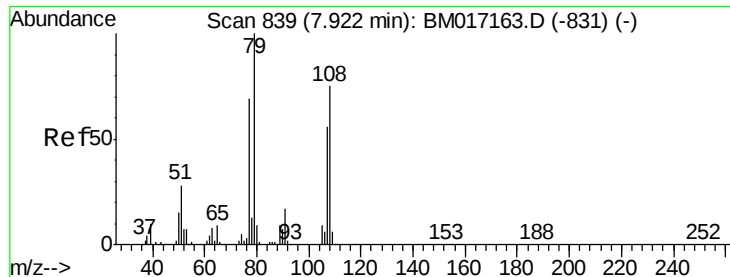


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 7.667 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

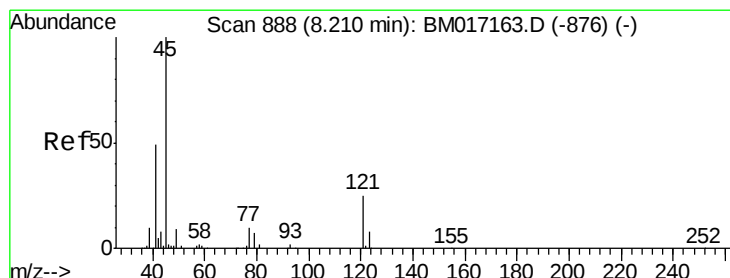
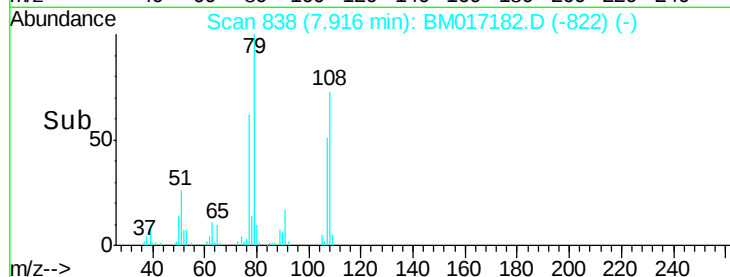
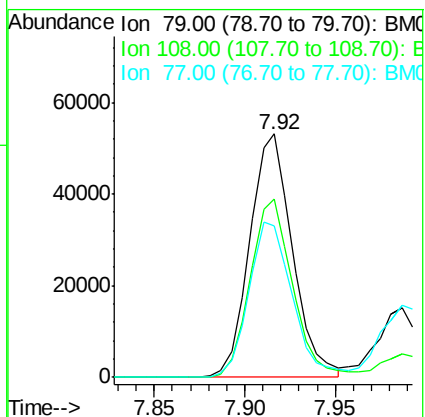
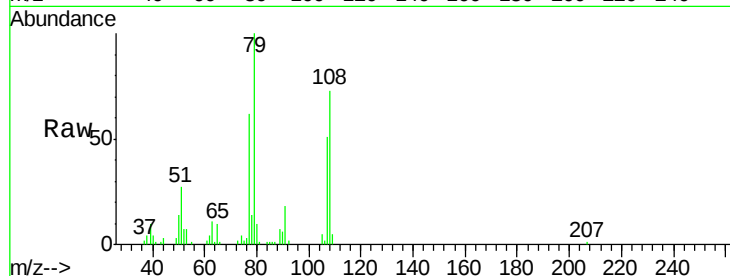
Tgt Ion: 79 Resp: 87005

Ion Ratio Lower Upper

79 100

108 73.4 60.3 90.5

77 62.1 54.8 82.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.173 ng

RT: 8.19 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

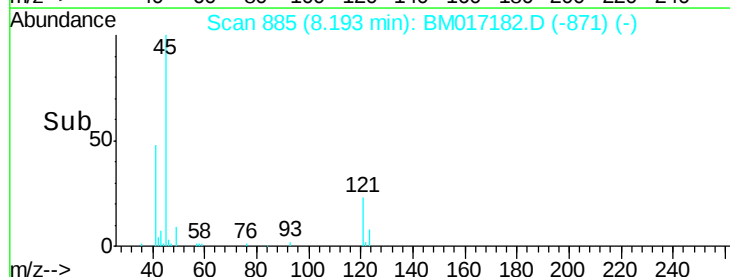
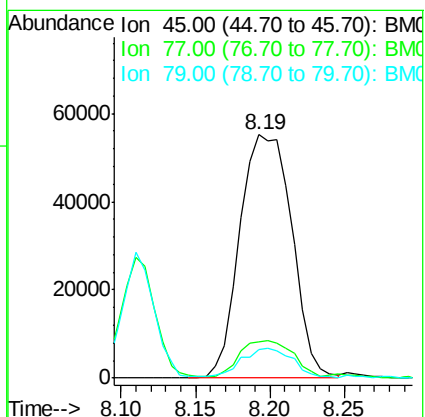
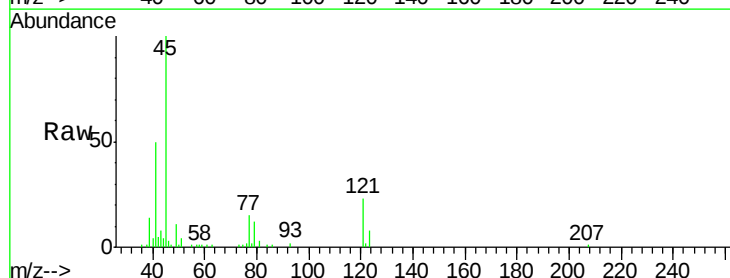
Tgt Ion: 45 Resp: 133488

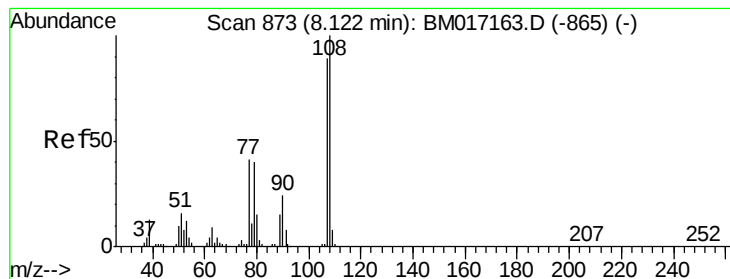
Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.5

79 11.7 0.0 32.1





#17

2-Methylphenol

Concen: 7.942 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:107 Resp: 85184

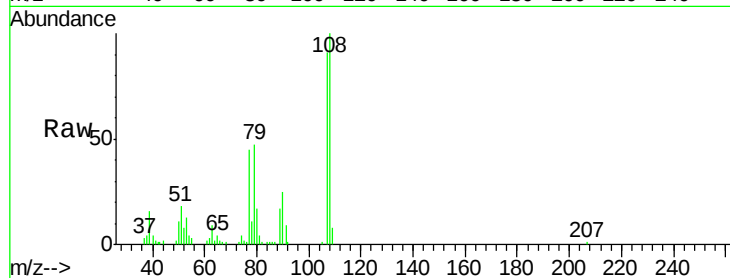
Ion Ratio Lower Upper

107 100

108 109.5 90.3 135.5

77 49.6 37.0 55.4

79 51.5 35.8 53.6

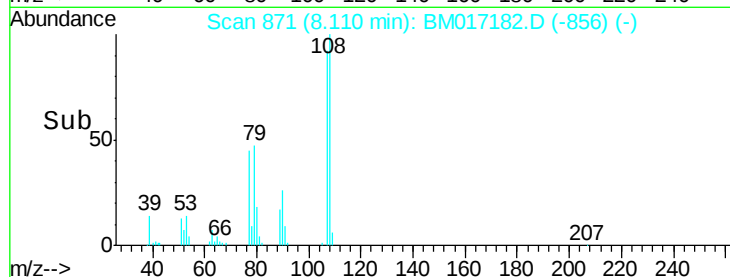


Abundance Ion 107.00 (106.70 to 107.70): E

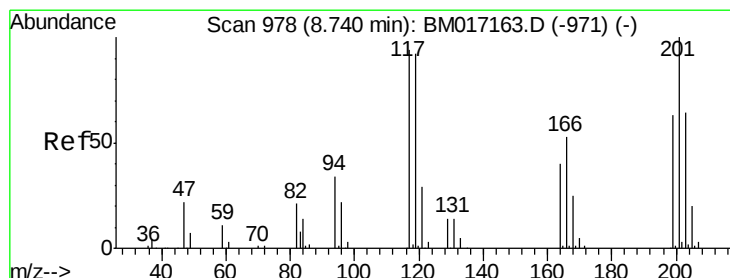
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



Time-->



#18

Hexachloroethane

Concen: 7.547 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

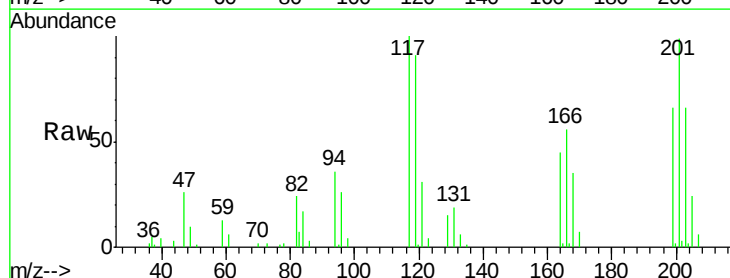
Tgt Ion:117 Resp: 40566

Ion Ratio Lower Upper

117 100

119 90.6 78.2 117.2

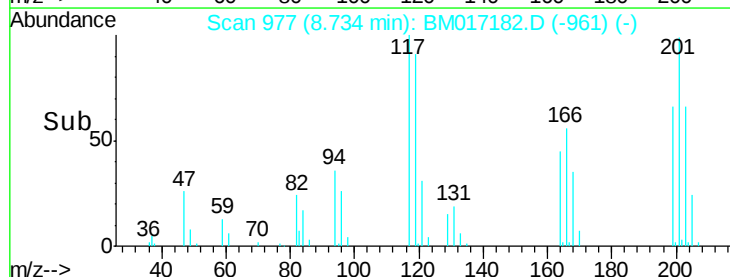
201 98.7 85.3 127.9



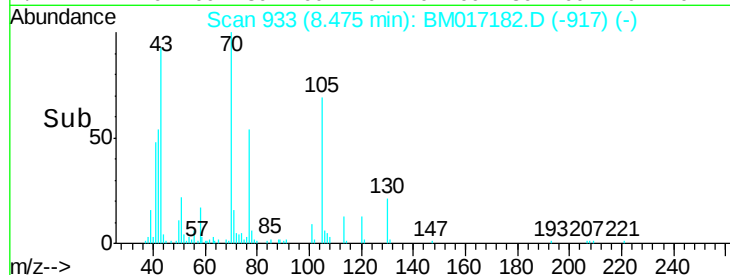
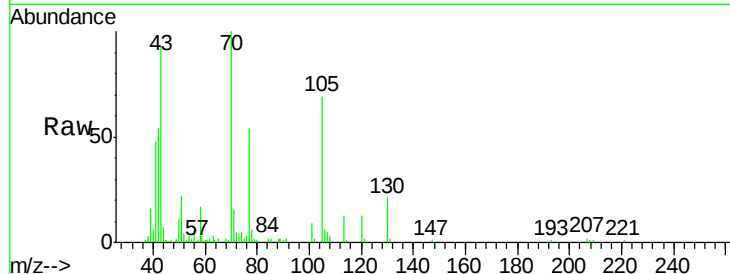
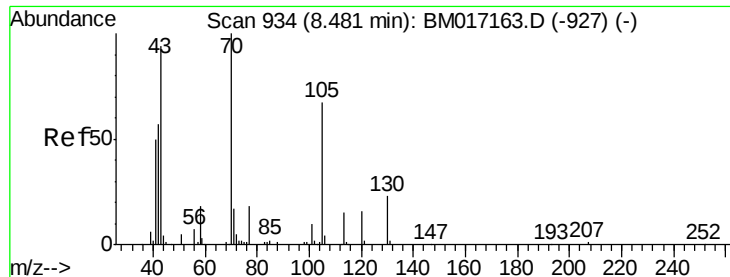
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



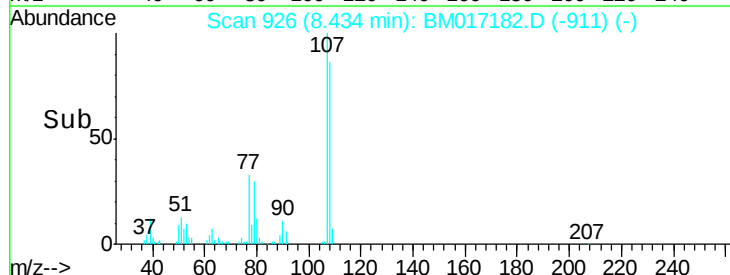
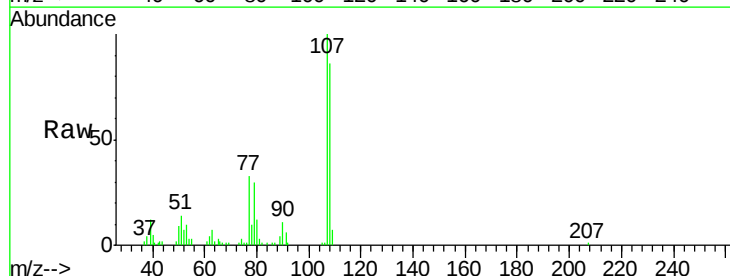
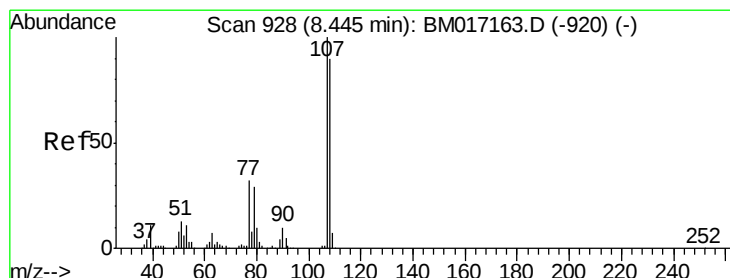
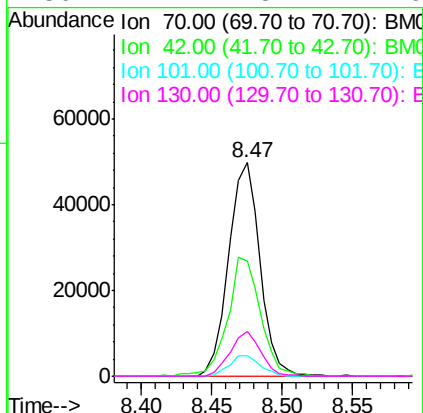
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 7.556 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

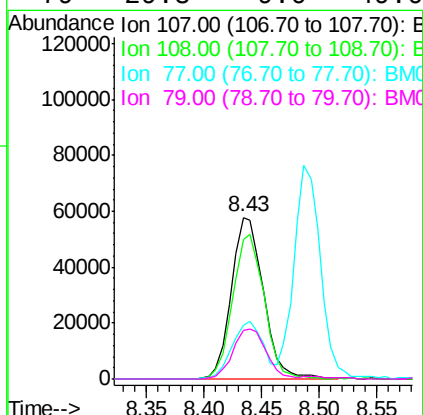
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

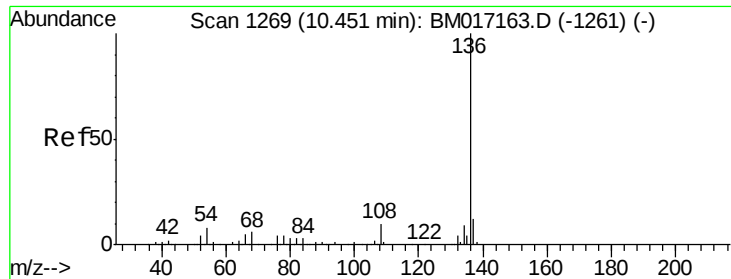
Tgt Ion:	70	Resp:	77241
Ion	Ratio	Lower	Upper
70	100		
42	53.7	46.1	69.1
101	9.4	8.2	12.4
130	21.2	18.4	27.6



#20
3+4-Methylphenols
Concen: 7.598 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:	107	Resp:	111461
Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.9	109.9
77	33.4	12.2	52.2
79	29.8	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: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:136 Resp: 808009

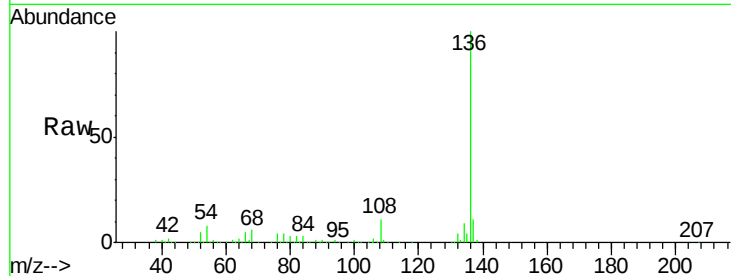
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.8 6.7 10.1

68 5.9 4.7 7.1

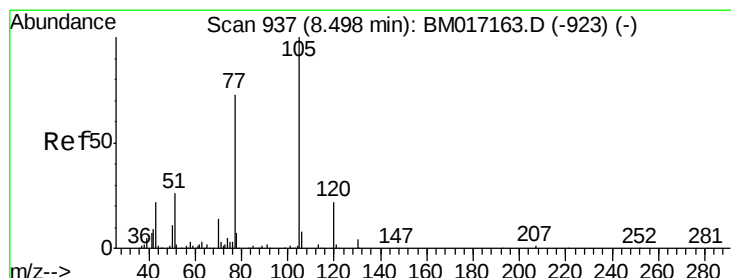
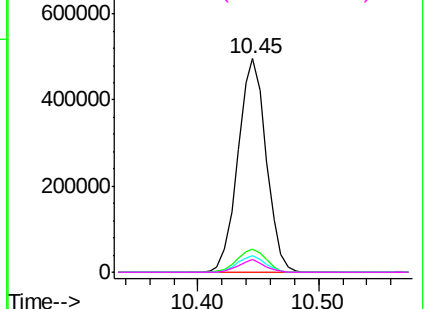
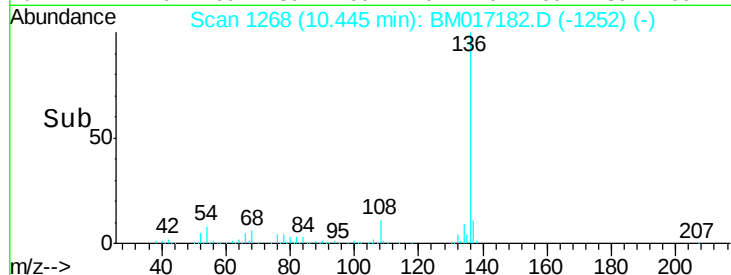


Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.651 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:105 Resp: 156700

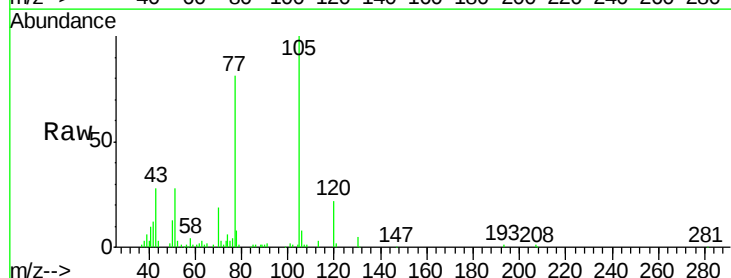
Ion Ratio Lower Upper

105 100

71 3.2 2.0 3.0#

51 28.1 20.6 31.0

120 22.0 17.5 26.3

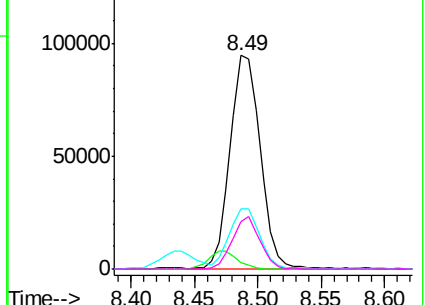
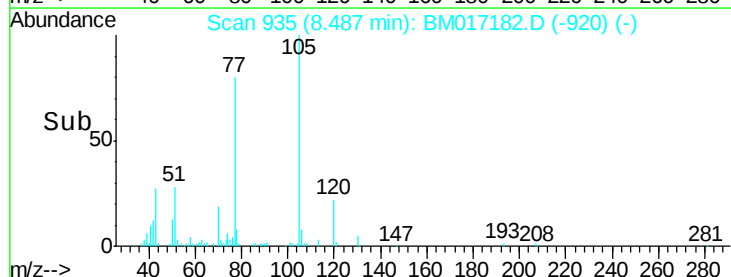


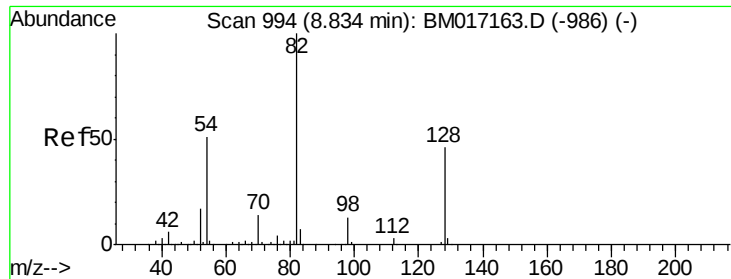
Abundance Ion 105.00 (104.70 to 105.70): E

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

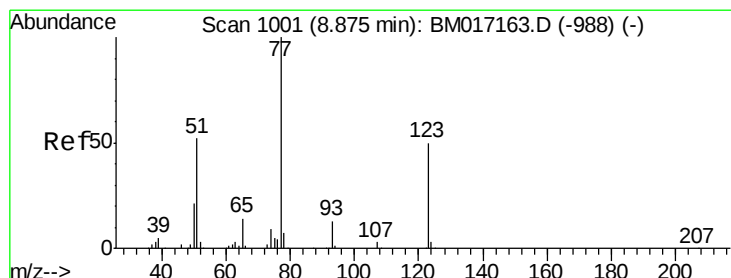
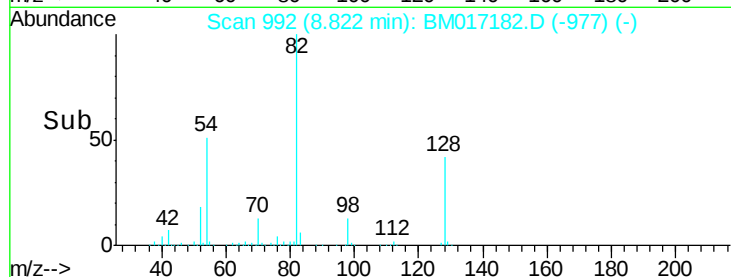
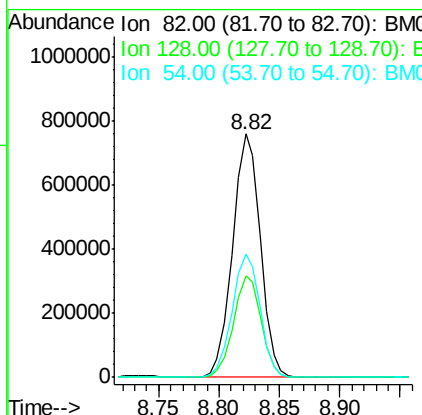
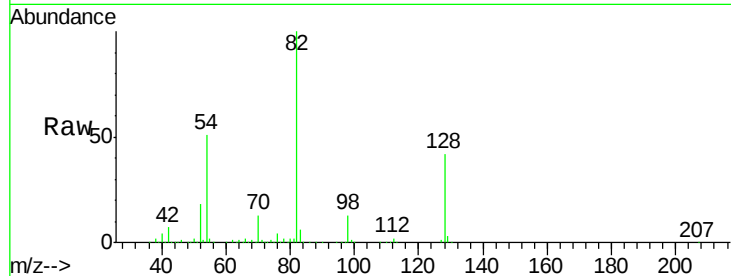




#23
 Nitrobenzene-d5
 Concen: 88.292 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

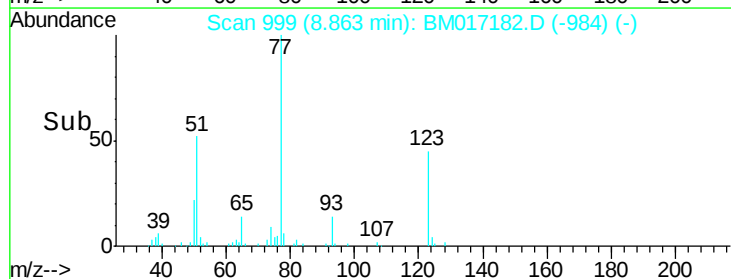
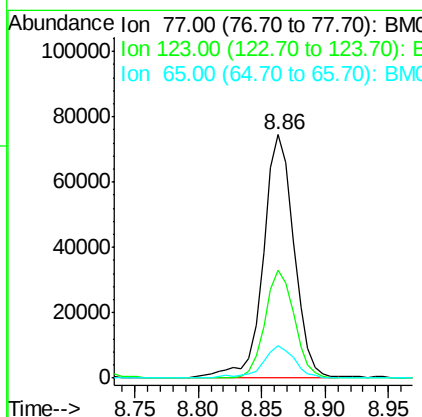
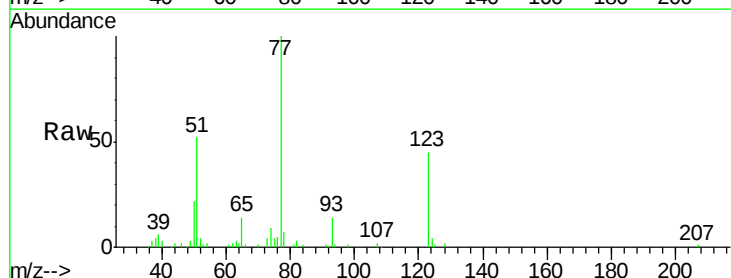
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

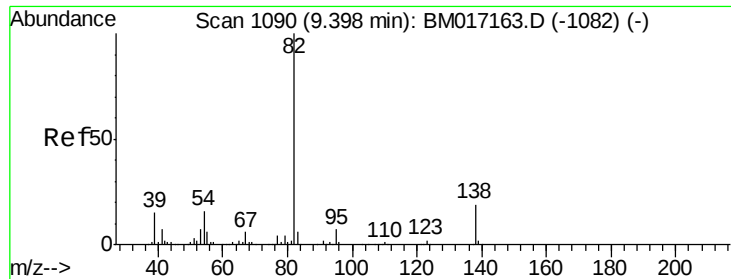
Tgt Ion: 82 Resp: 1219803
 Ion Ratio Lower Upper
 82 100
 128 41.7 37.0 55.6
 54 50.6 40.7 61.1



#24
 Nitrobenzene
 Concen: 8.609 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

Tgt Ion: 77 Resp: 125809
 Ion Ratio Lower Upper
 77 100
 123 44.5 40.2 60.4
 65 13.5 11.4 17.0

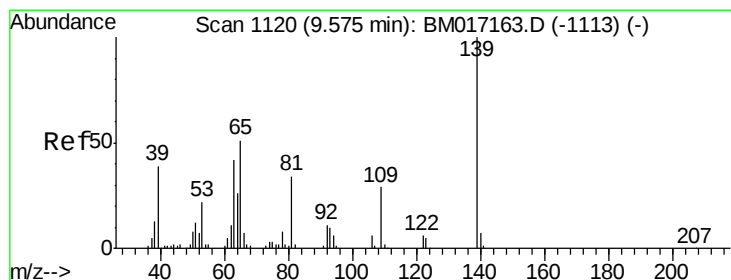
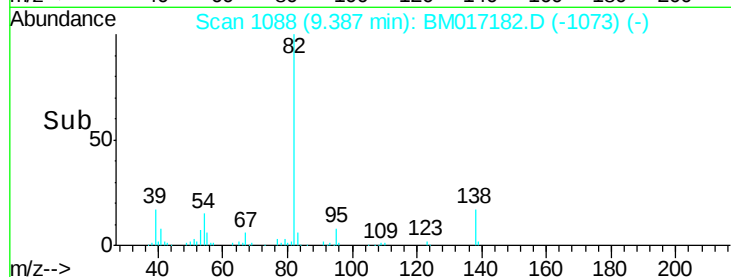
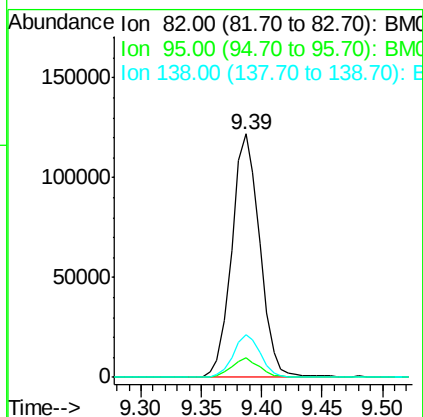
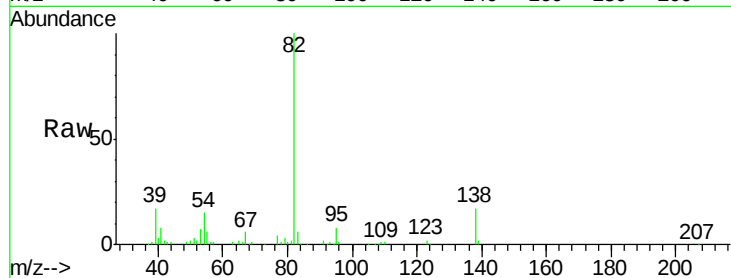




#25
Isophorone
Concen: 8.668 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

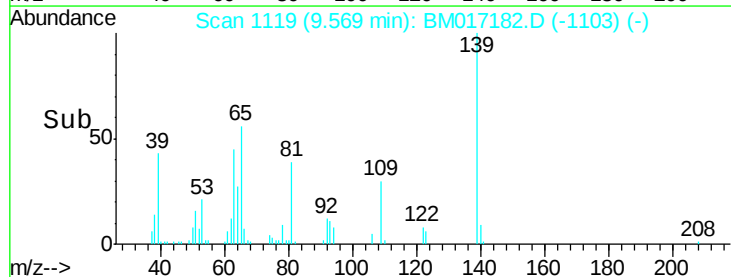
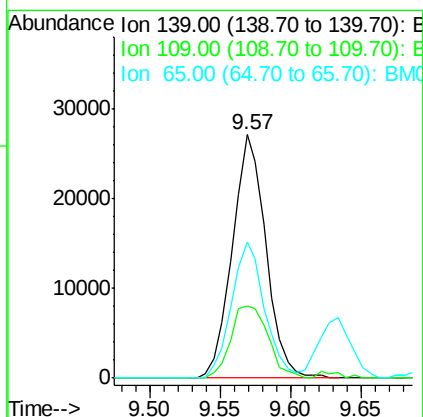
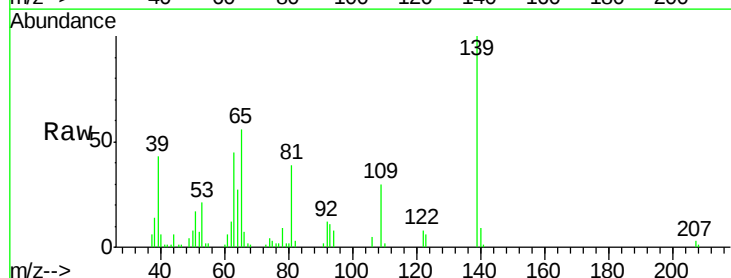
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

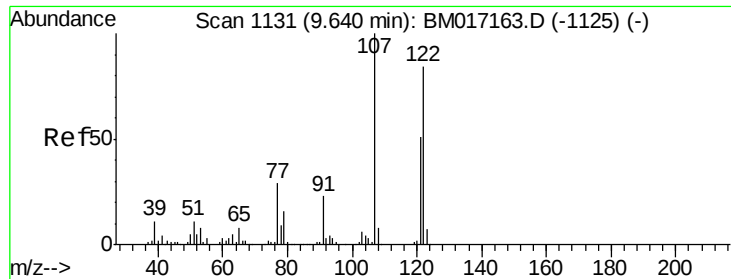
Tgt Ion: 82 Resp: 197756
Ion Ratio Lower Upper
82 100
95 8.1 6.0 9.0
138 17.3 15.4 23.2



#26
2-Nitrophenol
Concen: 11.511 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 139 Resp: 45076
Ion Ratio Lower Upper
139 100
109 29.6 23.2 34.8
65 56.0 40.6 61.0

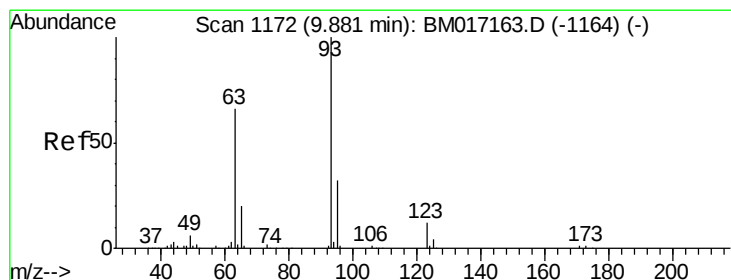
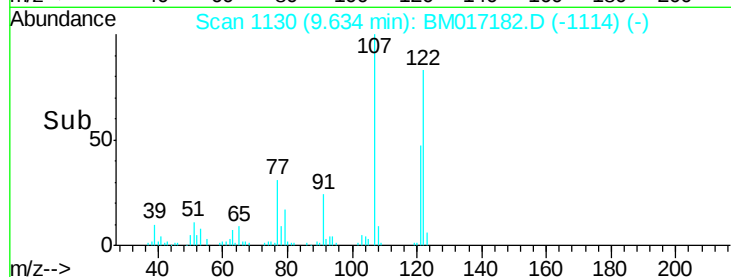
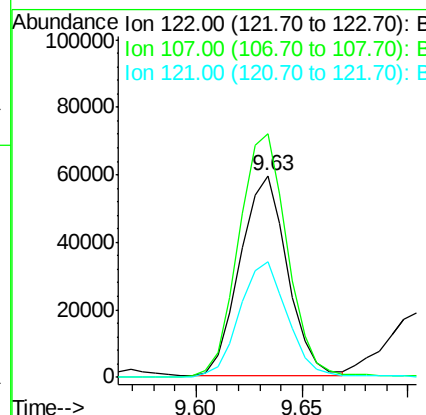
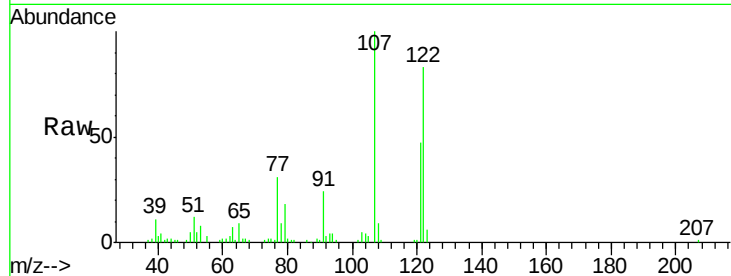




#27
2,4-Dimethylphenol
Concen: 9.194 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

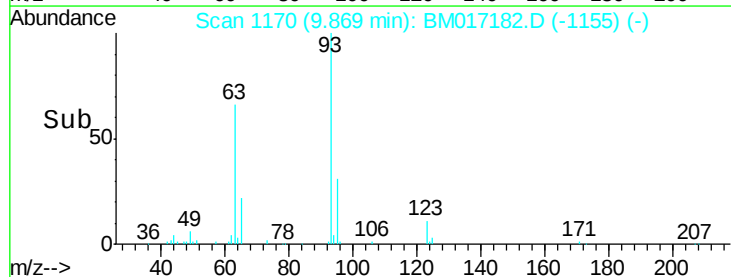
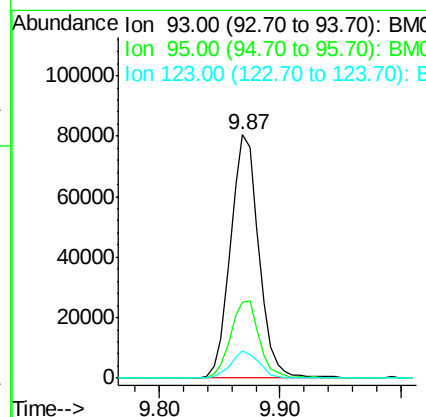
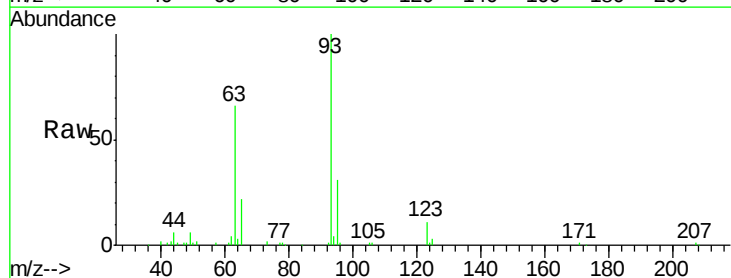
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

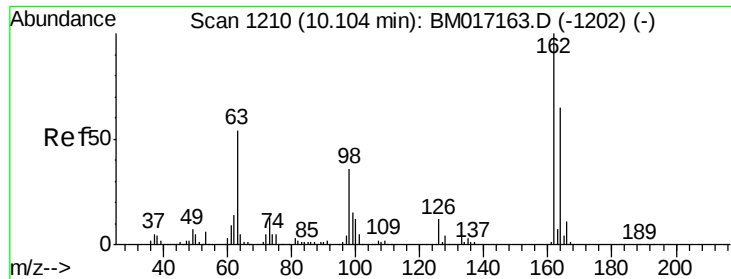
Tgt Ion:122 Resp: 92745
Ion Ratio Lower Upper
122 100
107 120.7 95.0 142.6
121 57.2 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 8.170 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 93 Resp: 131181
Ion Ratio Lower Upper
93 100
95 31.0 25.7 38.5
123 11.3 9.4 14.0

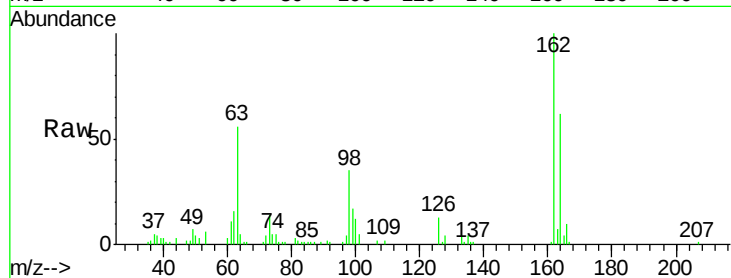




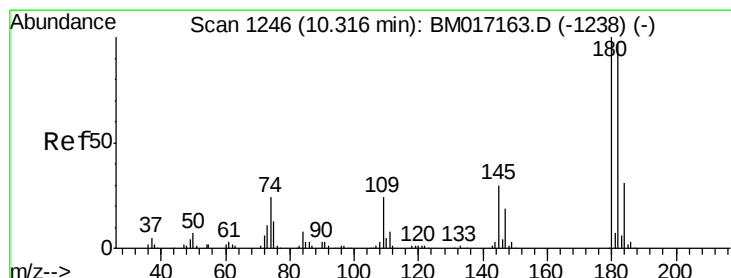
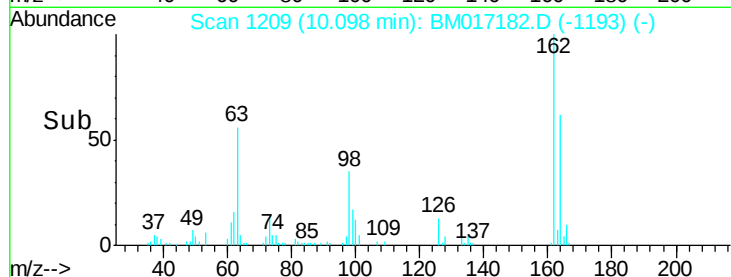
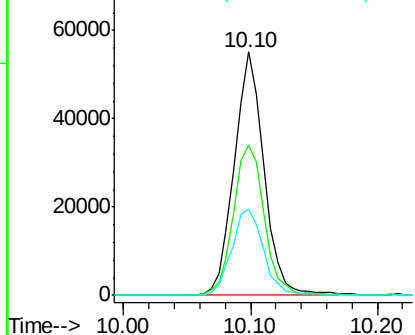
#29
2,4-Dichlorophenol
Concen: 7.642 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tgt Ion:162 Resp: 89511
Ion Ratio Lower Upper
162 100
164 61.9 44.9 84.9
98 35.3 15.8 55.8

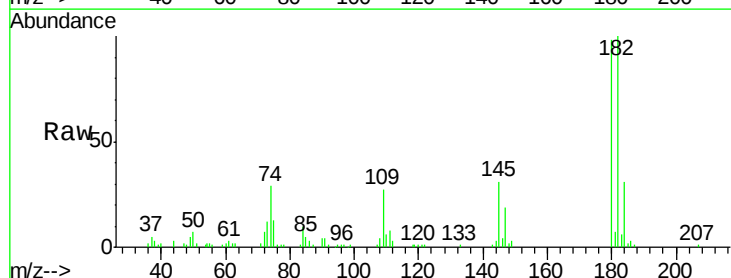


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

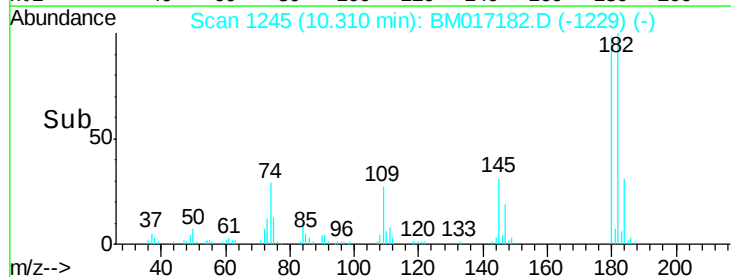
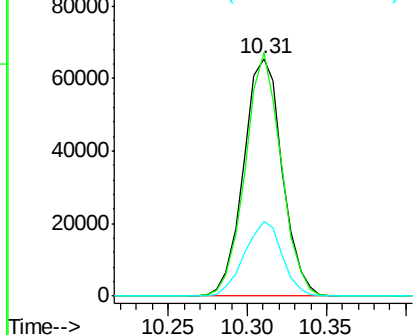


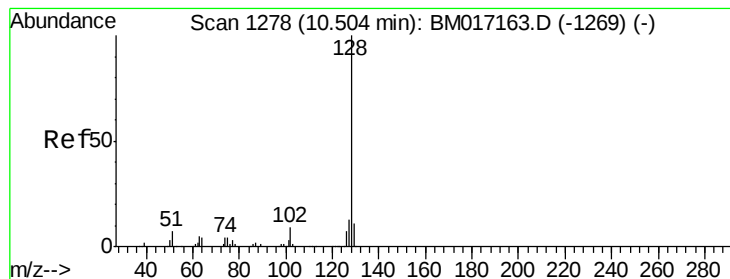
#30
1,2,4-Trichlorobenzene
Concen: 7.892 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:180 Resp: 110880
Ion Ratio Lower Upper
180 100
182 102.4 77.5 116.3
145 31.6 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

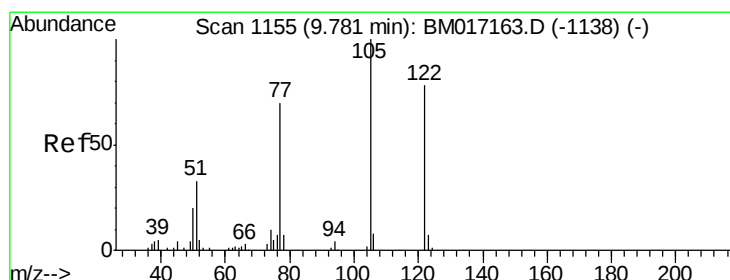
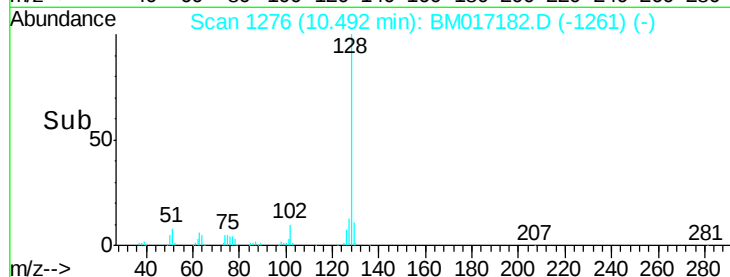
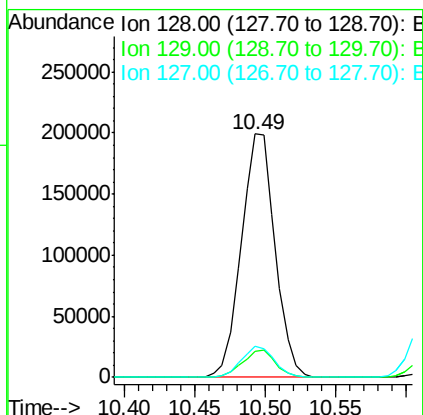
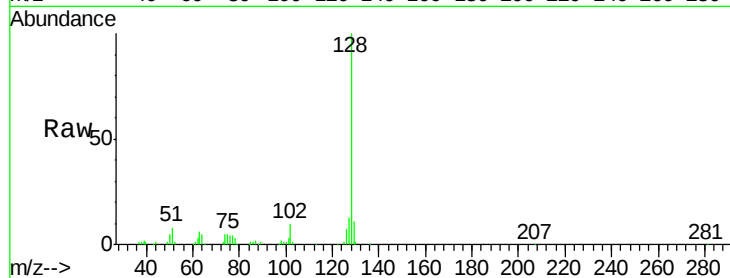




#31
Naphthalene
Concen: 8.398 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

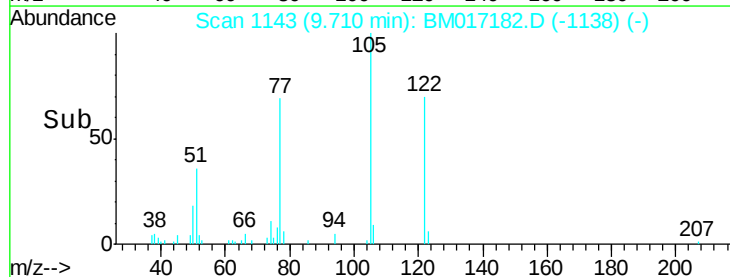
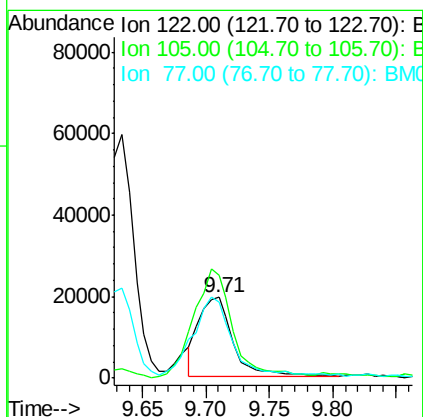
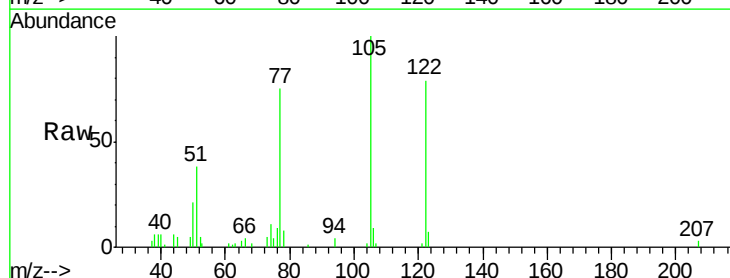
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

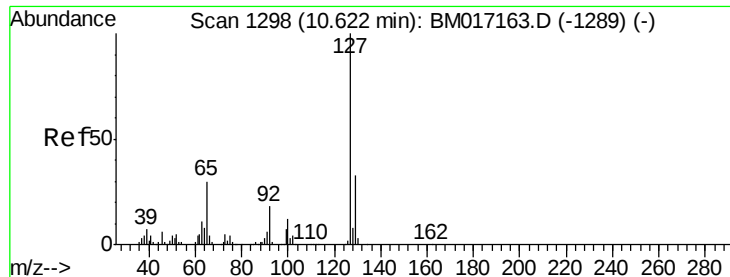
Tgt Ion:128 Resp: 332518
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 4.752 ng
RT: 9.71 min Scan# 1143
Delta R.T. -0.07 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:122 Resp: 35767
Ion Ratio Lower Upper
122 100
105 127.0 102.0 142.0
77 94.7 67.7 107.7

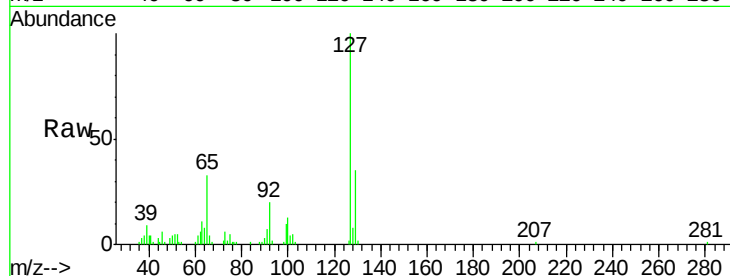




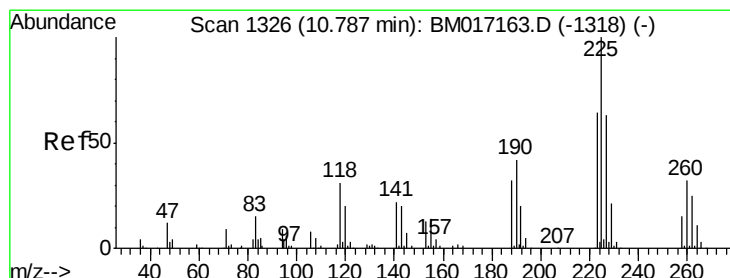
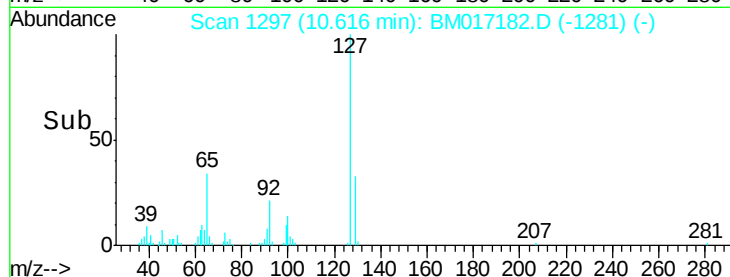
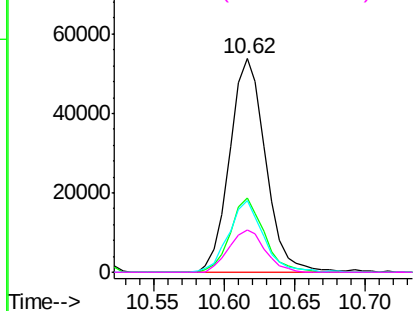
#33
4-Chloroaniline
Concen: 5.584 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tgt Ion:	127	Resp:	95492
Ion	Ratio	Lower	Upper
127	100		
129	34.8	26.2	39.4
65	33.3	23.7	35.5
92	20.0	14.3	21.5

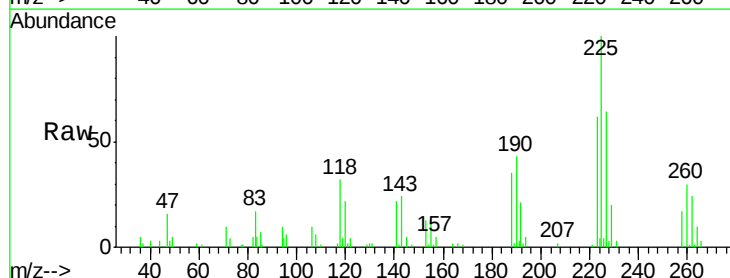


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

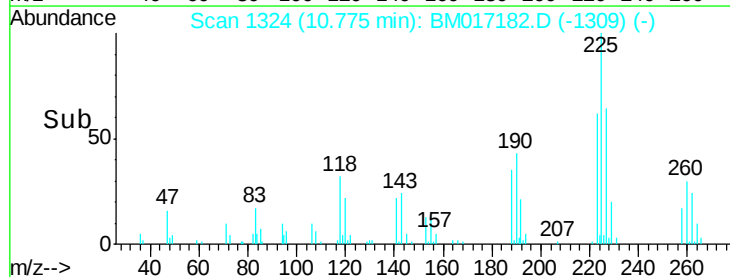
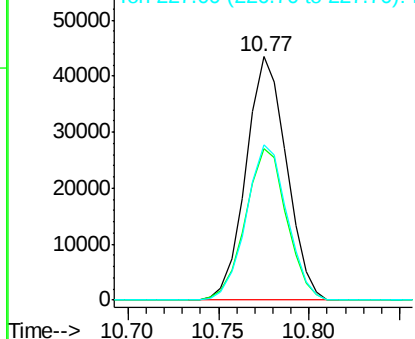


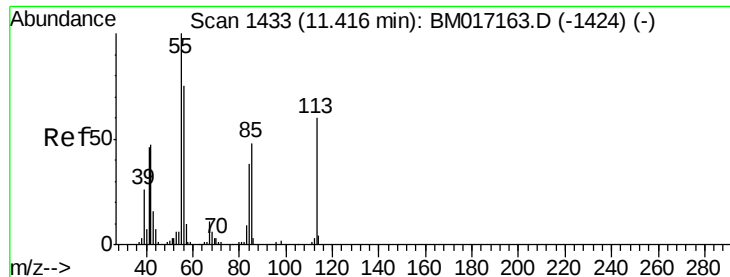
#34
Hexachlorobutadiene
Concen: 7.589 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:	225	Resp:	67563
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	63.8	50.8	76.2



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





#35

Caprolactam

Concen: 5.907 ng

RT: 11.39 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

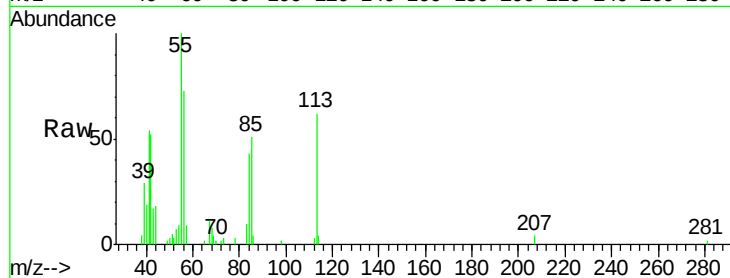
Tgt Ion:113 Resp: 25212

Ion Ratio Lower Upper

113 100

55 160.9 147.0 187.0

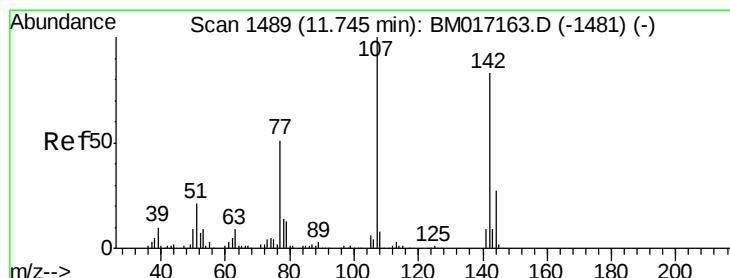
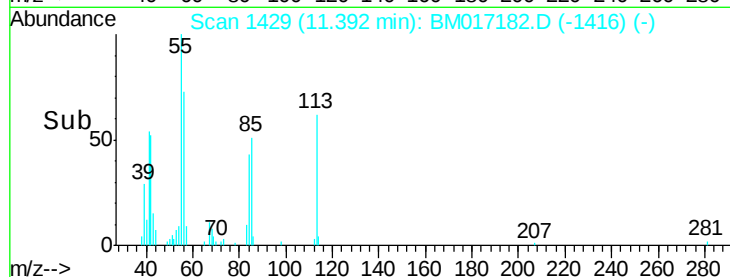
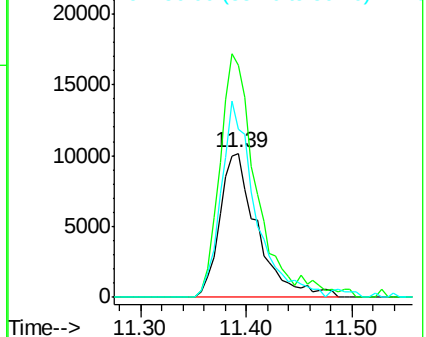
56 116.9 104.5 144.5



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: 7.725 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

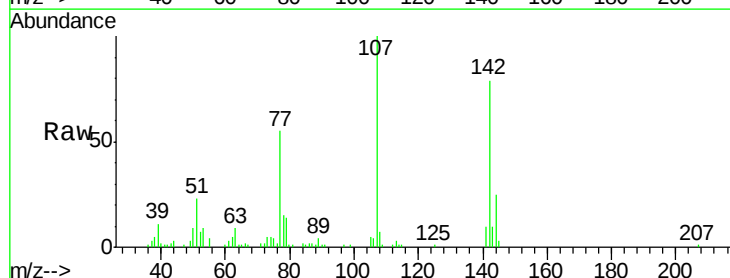
Tgt Ion:107 Resp: 101983

Ion Ratio Lower Upper

107 100

144 24.8 21.6 32.4

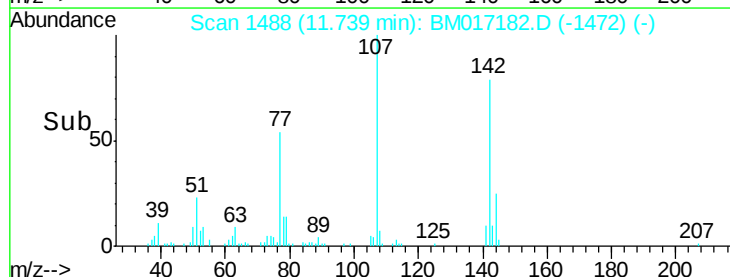
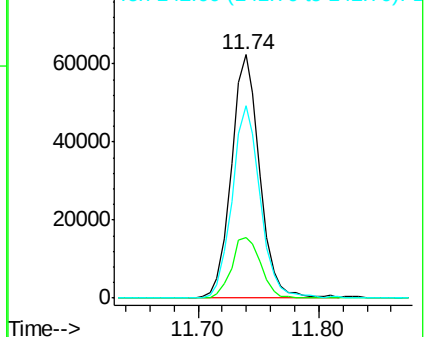
142 79.0 66.0 99.0

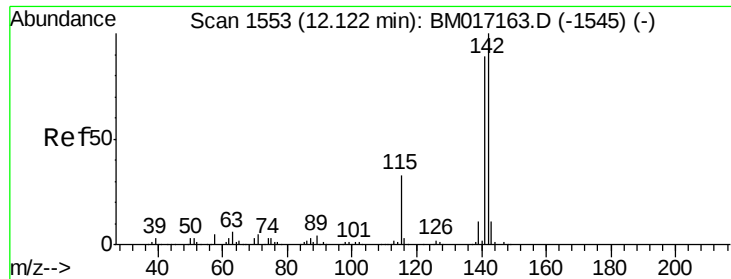


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

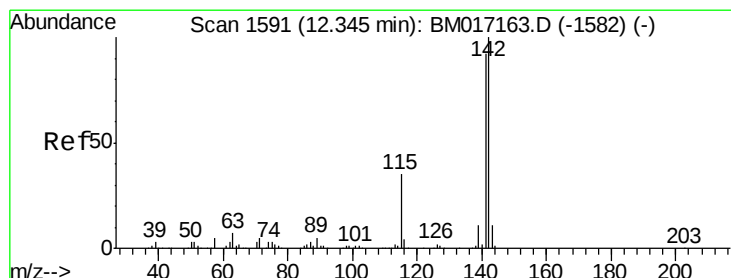
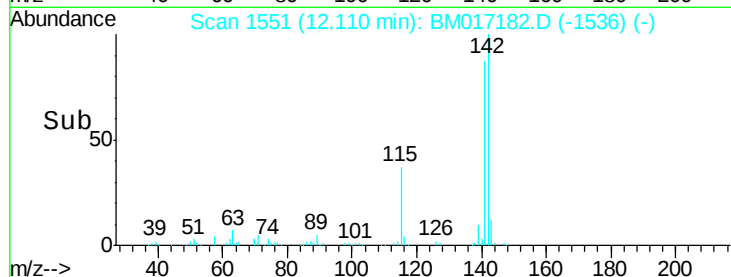
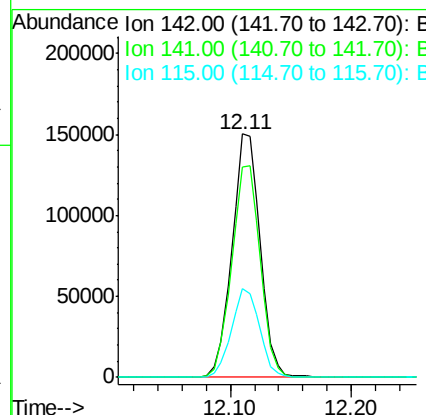
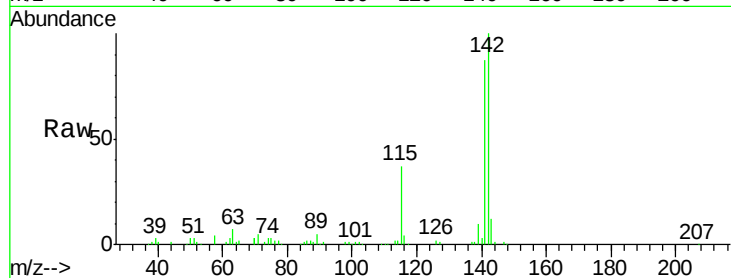




#37
2-Methylnaphthalene
Concen: 8.974 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

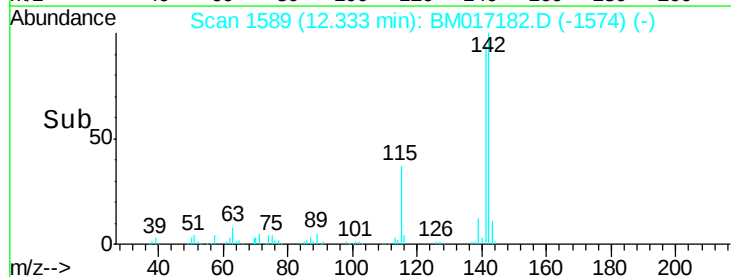
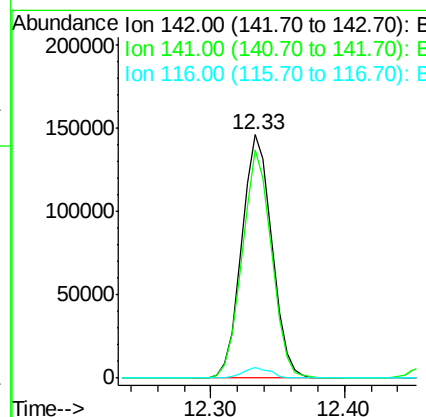
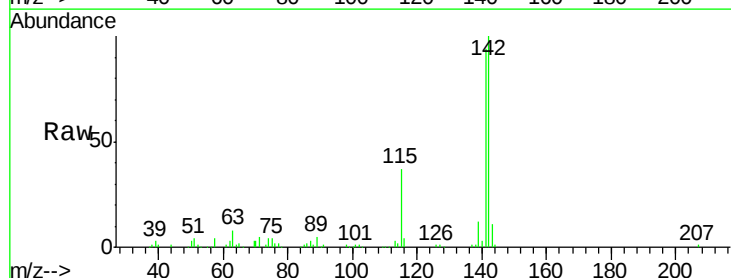
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

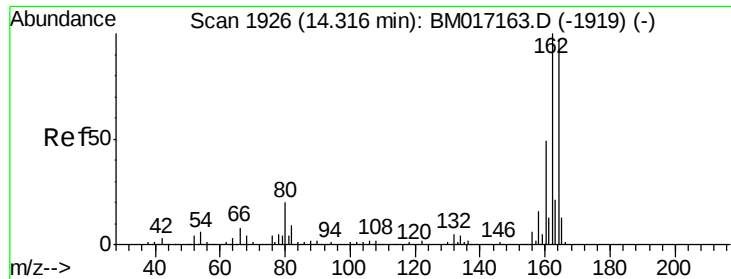
Tgt Ion:142 Resp: 243161
Ion Ratio Lower Upper
142 100
141 86.6 70.9 106.3
115 36.6 26.4 39.6



#38
1-Methylnaphthalene
Concen: 8.679 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:142 Resp: 228894
Ion Ratio Lower Upper
142 100
141 93.9 73.8 110.6
116 4.3 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

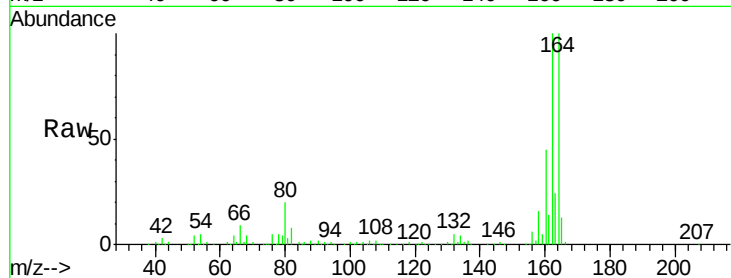
Tgt Ion:164 Resp: 464088

Ion Ratio Lower Upper

164 100

162 100.3 82.1 123.1

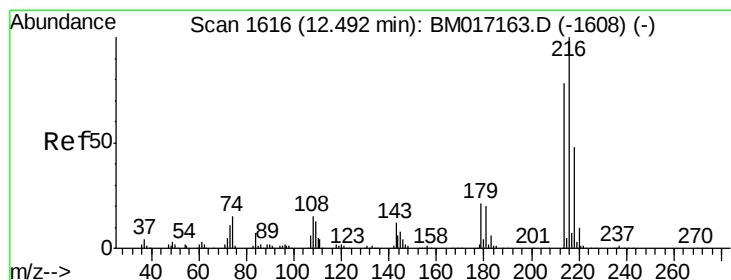
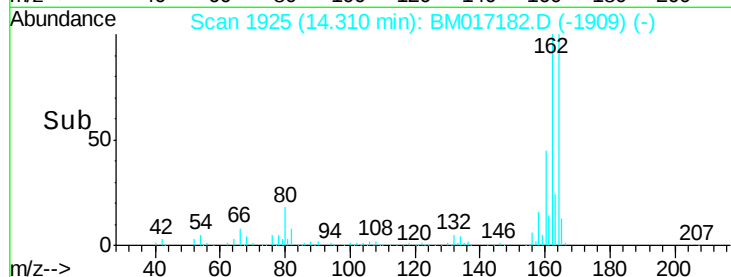
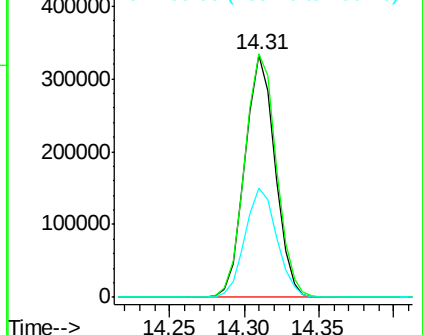
160 45.0 40.2 60.2



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: 7.741 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:216 Resp: 126522

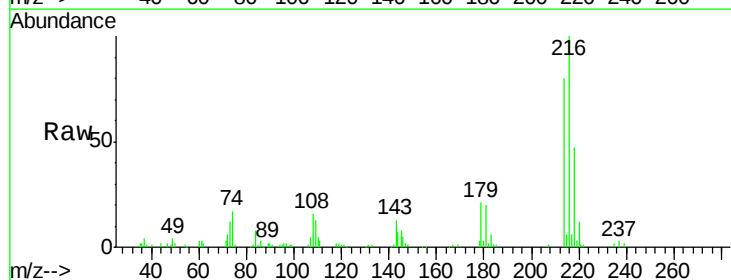
Ion Ratio Lower Upper

216 100

214 78.2 62.6 93.8

179 20.1 16.6 24.8

108 18.2 13.5 20.3

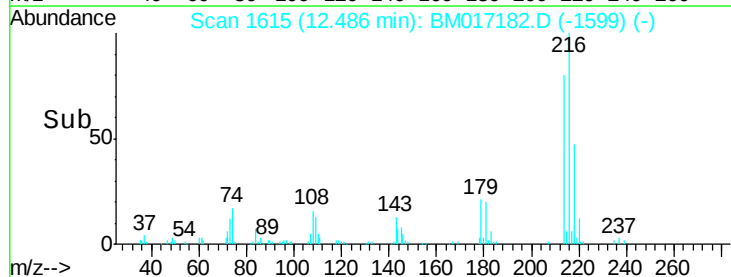
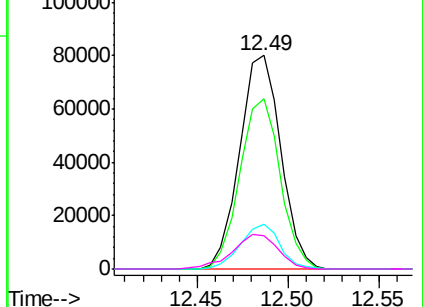


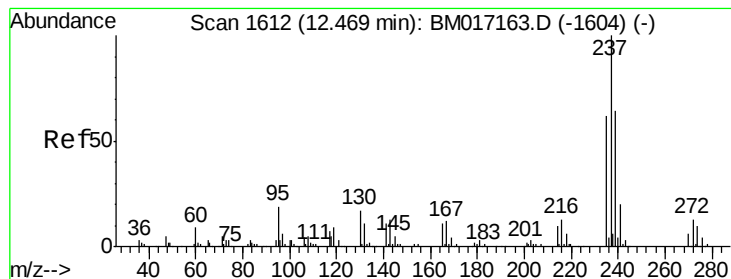
Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.637 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

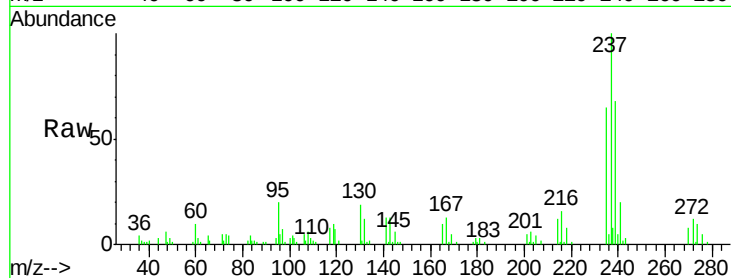
Tgt Ion: 237 Resp: 76146

Ion Ratio Lower Upper

237 100

235 65.2 42.4 82.4

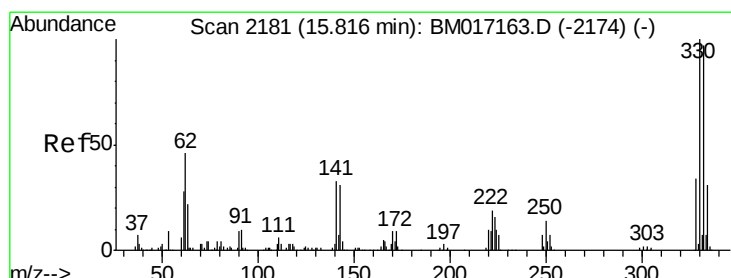
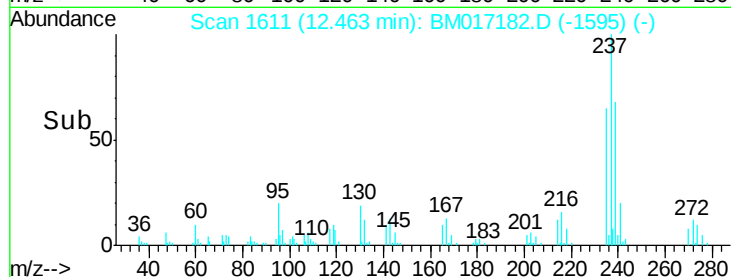
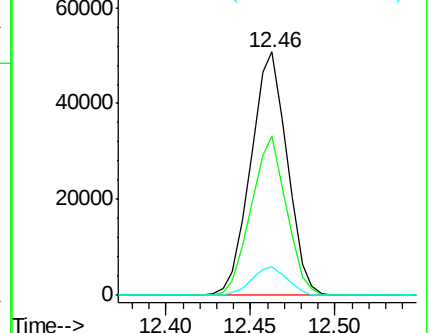
272 11.9 0.0 33.0



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: 153.261 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

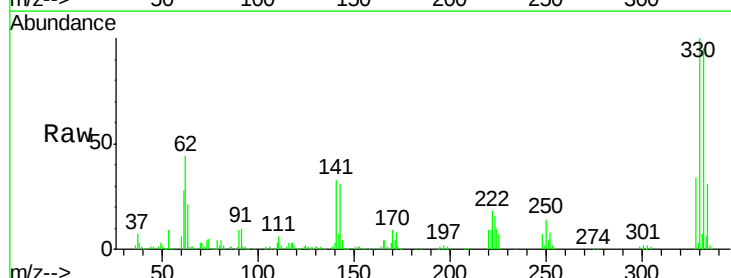
Tgt Ion: 330 Resp: 961885

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

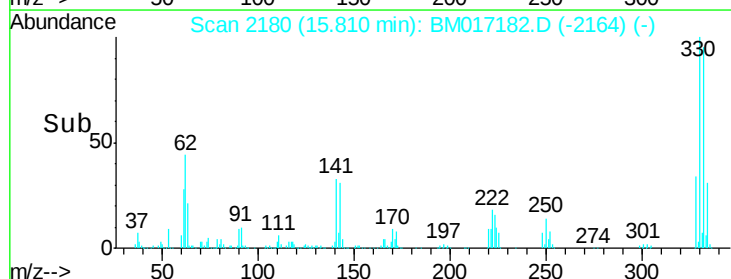
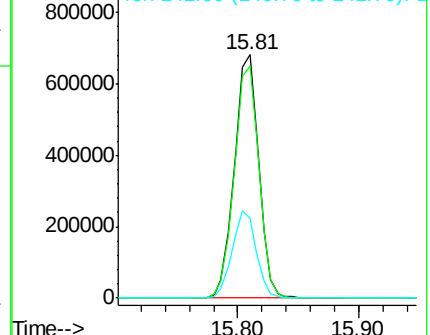
141 35.3 27.4 41.0

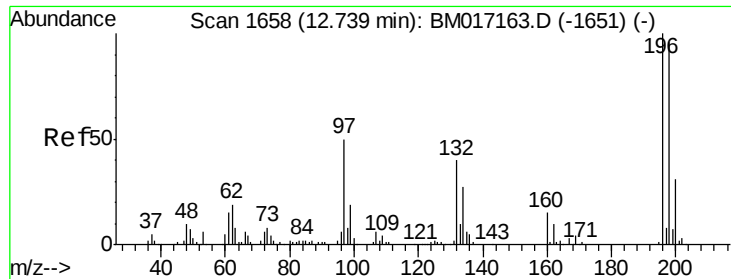


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

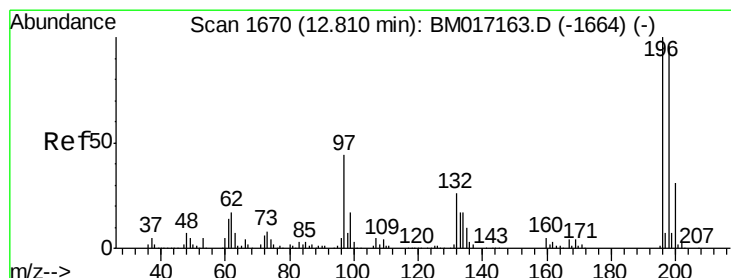
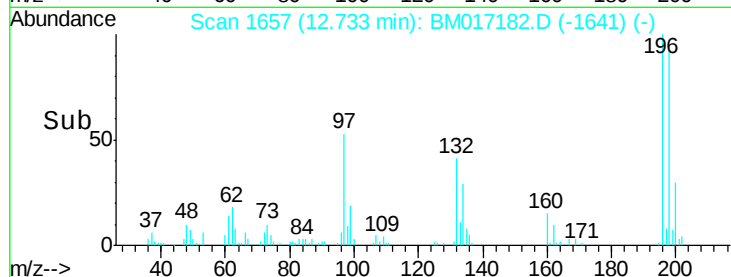
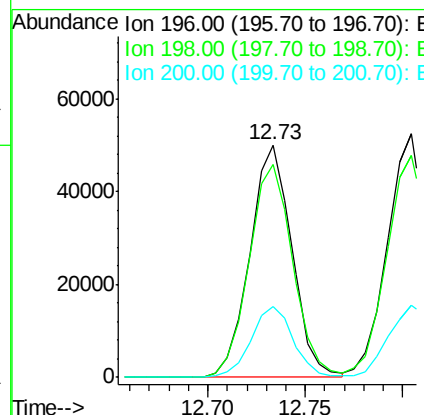
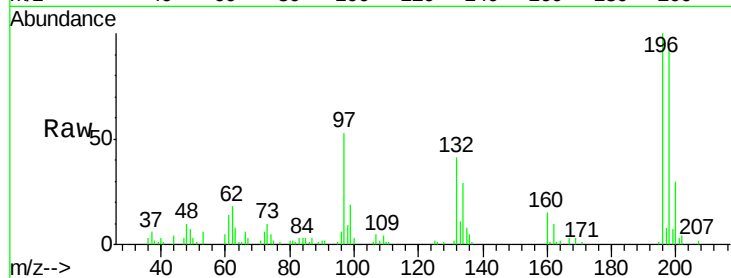




#43
 2,4,6-Trichlorophenol
 Concen: 7.872 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

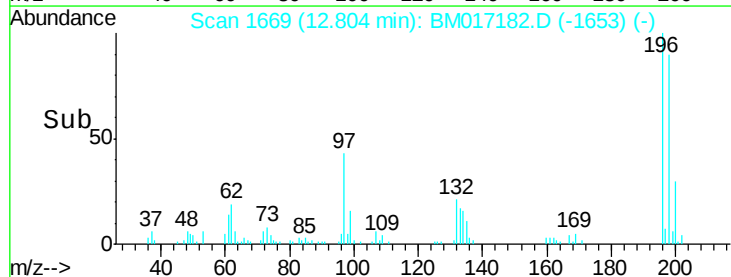
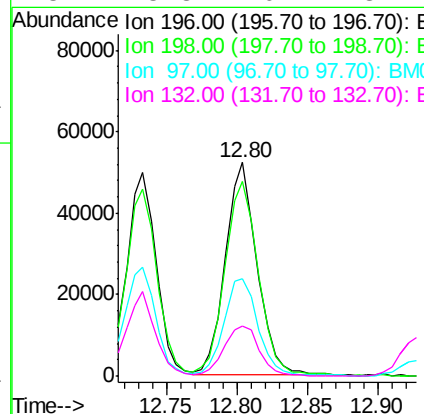
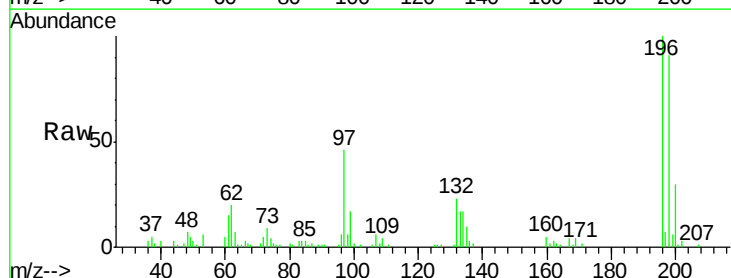
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

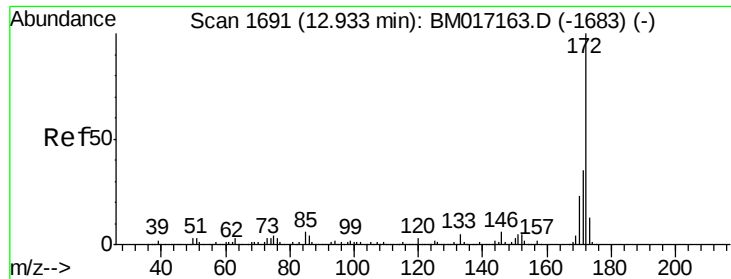
Tgt Ion:196 Resp: 74681
 Ion Ratio Lower Upper
 196 100
 198 91.5 77.1 115.7
 200 30.4 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 7.976 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

Tgt Ion:196 Resp: 81142
 Ion Ratio Lower Upper
 196 100
 198 91.0 76.6 115.0
 97 45.6 35.5 53.3
 132 23.3 20.7 31.1

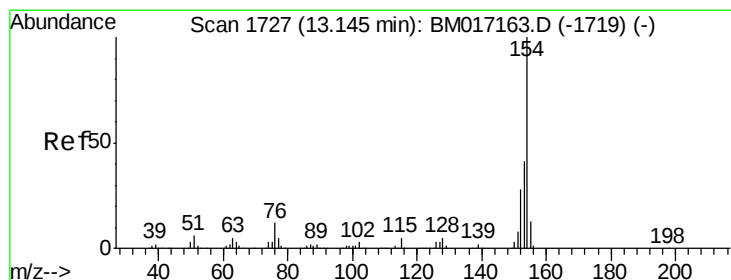
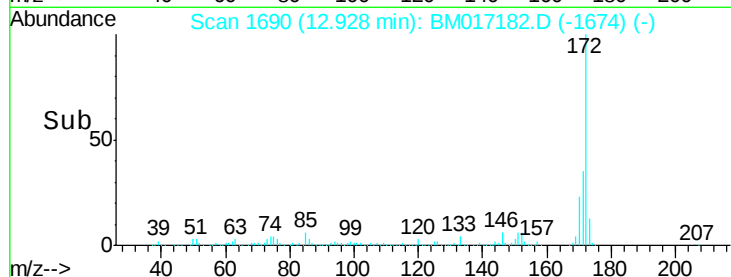
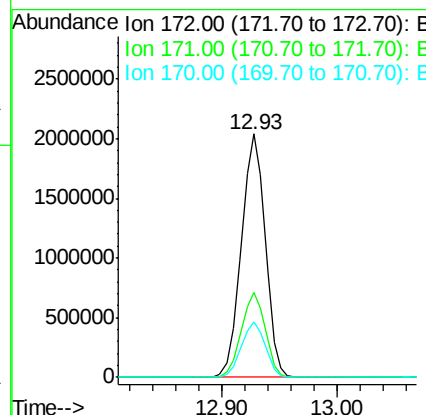
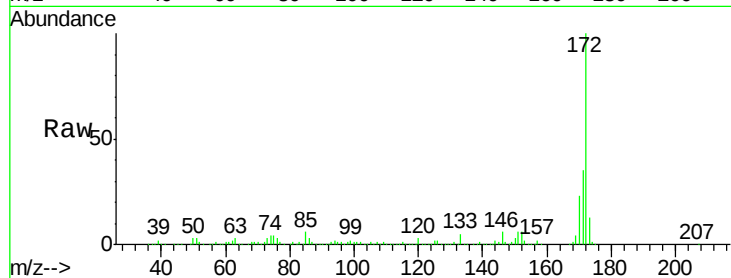




#45
2-Fluorobiphenyl
Concen: 83.654 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

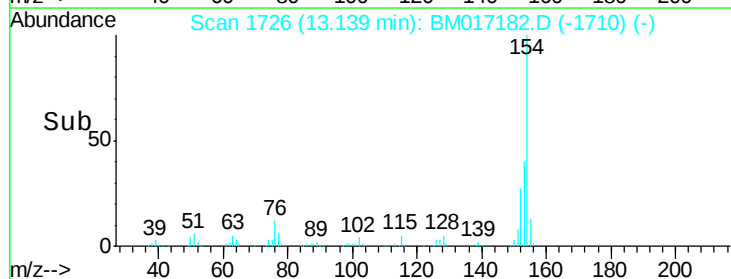
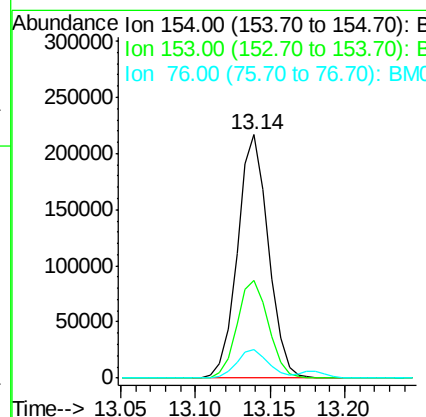
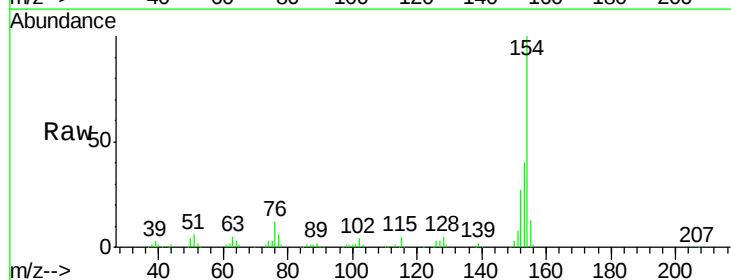
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

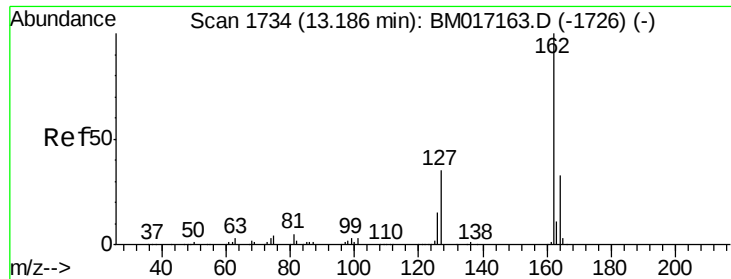
Tgt Ion:172 Resp: 2917834
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.8 18.3 27.5



#46
1,1'-Biphenyl
Concen: 7.486 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:154 Resp: 312630
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 11.9 0.0 31.8

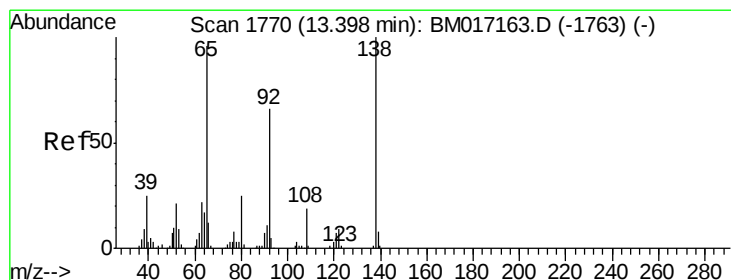
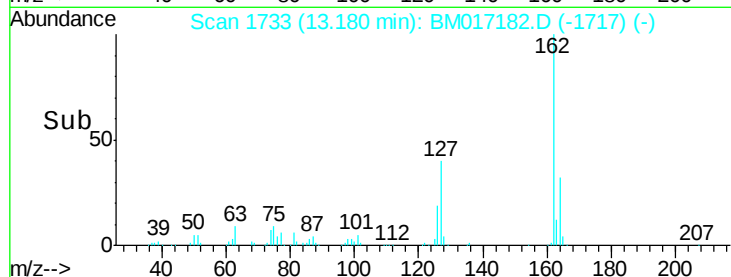
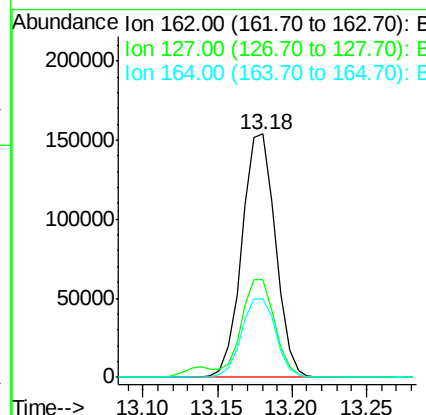
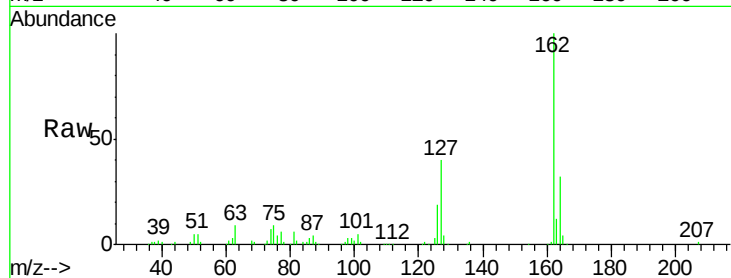




#47
2-Chloronaphthalene
Concen: 7.778 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

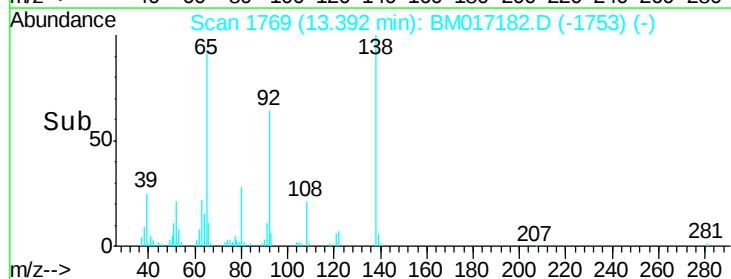
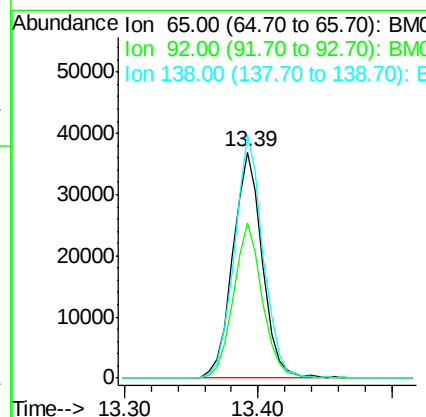
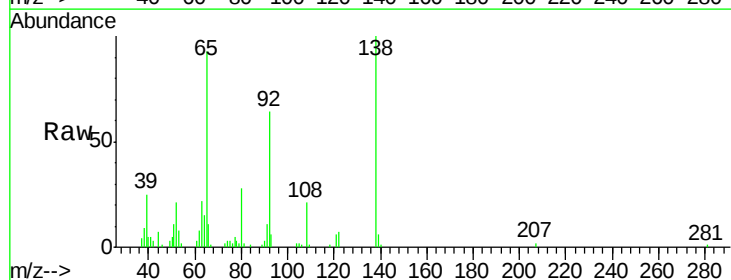
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

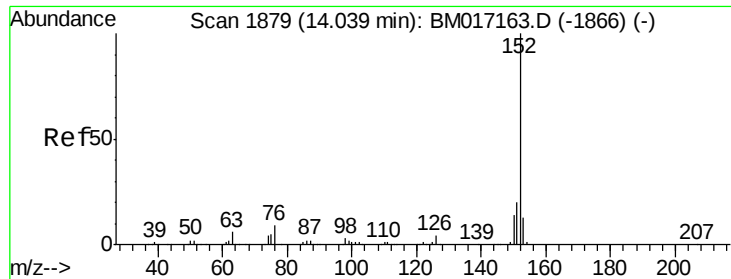
Tgt Ion: 162 Resp: 238970
Ion Ratio Lower Upper
162 100
127 40.0 31.0 46.4
164 32.5 26.6 39.8



#48
2-Nitroaniline
Concen: 11.473 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 65 Resp: 56967
Ion Ratio Lower Upper
65 100
92 68.9 54.9 82.3
138 107.8 83.7 125.5





#49

Acenaphthylene

Concen: 8.499 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

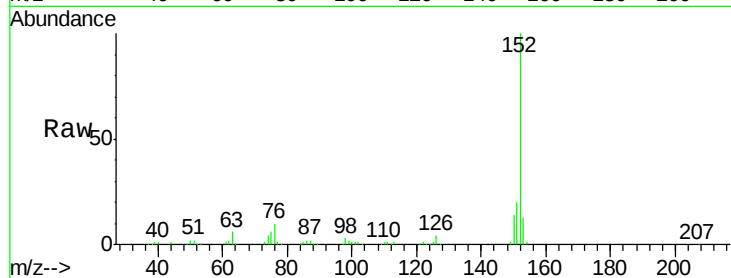
Tgt Ion:152 Resp: 378475

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

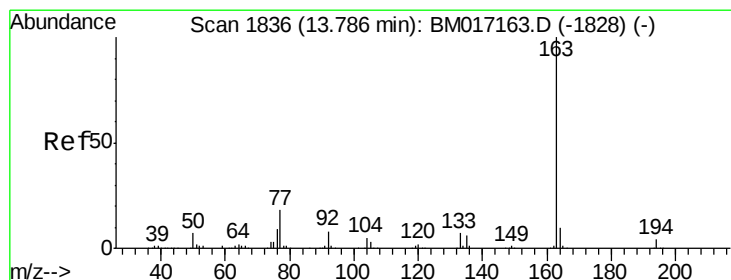
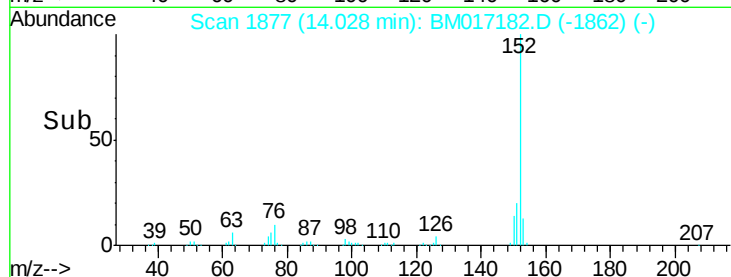
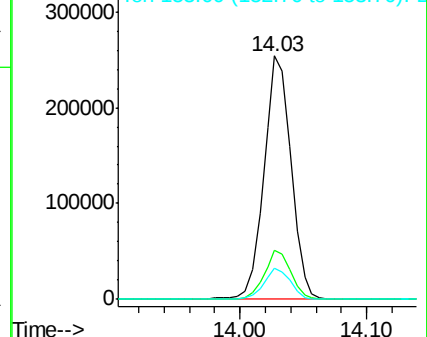
153 12.8 10.4 15.6



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: 8.468 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

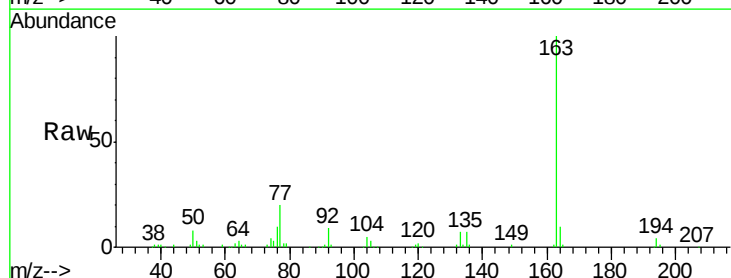
Tgt Ion:163 Resp: 303204

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

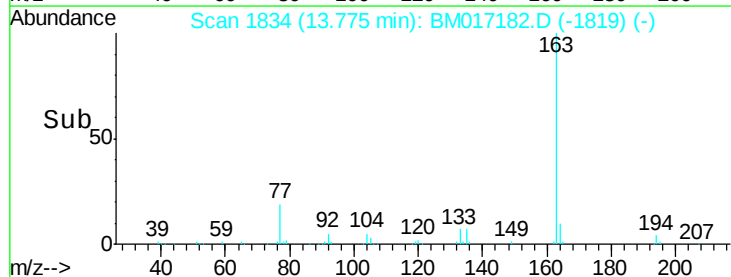
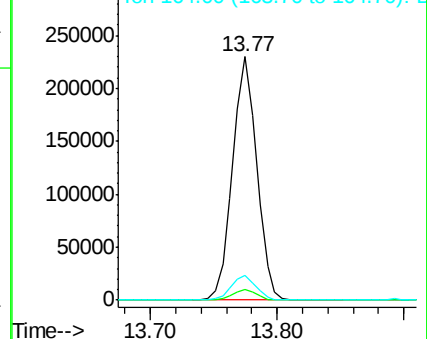
164 10.0 7.8 11.8

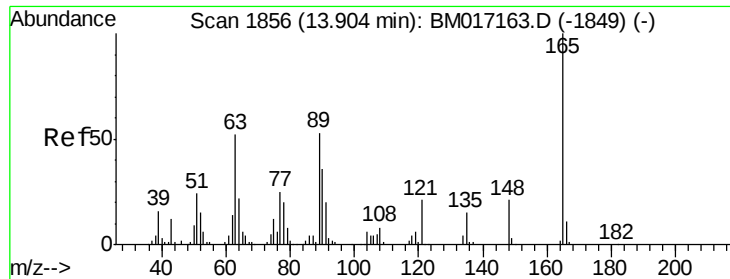


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

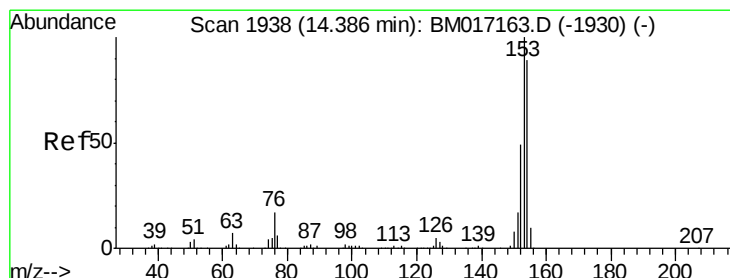
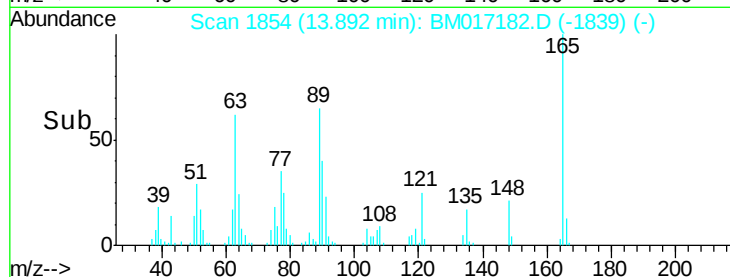
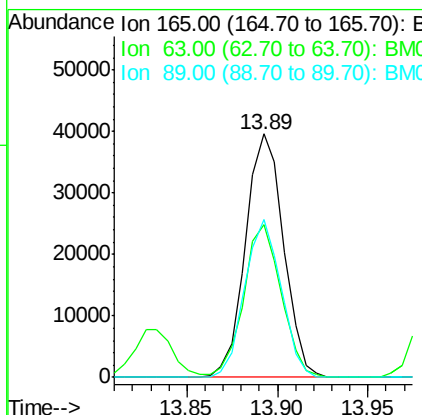
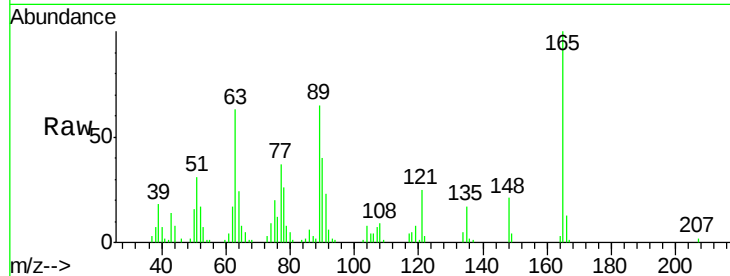




#51
 2,6-Dinitrotoluene
 Concen: 7.322 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

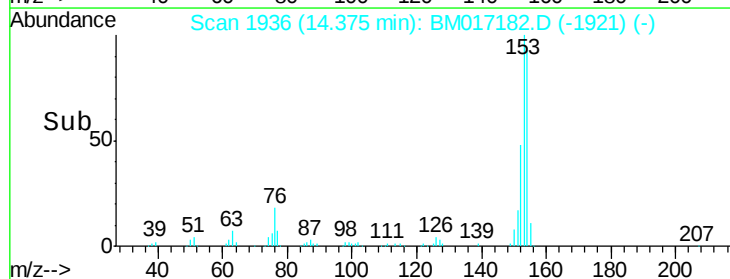
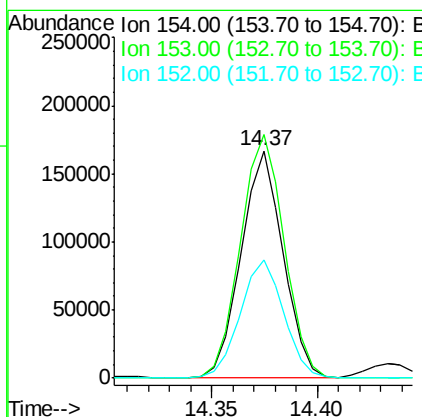
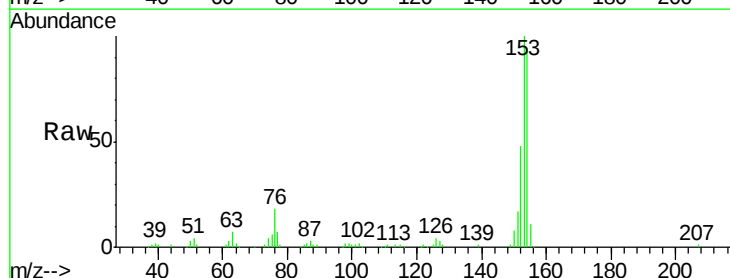
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

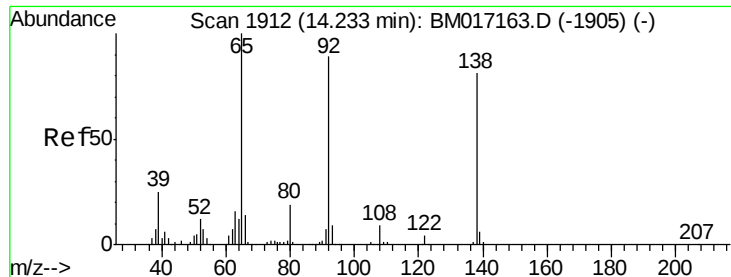
Tgt Ion:165 Resp: 57702
 Ion Ratio Lower Upper
 165 100
 63 62.6 42.7 64.1
 89 65.1 42.1 63.1#



#52
 Acenaphthene
 Concen: 8.249 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

Tgt Ion:154 Resp: 230671
 Ion Ratio Lower Upper
 154 100
 153 107.3 90.2 135.2
 152 51.9 44.2 66.4

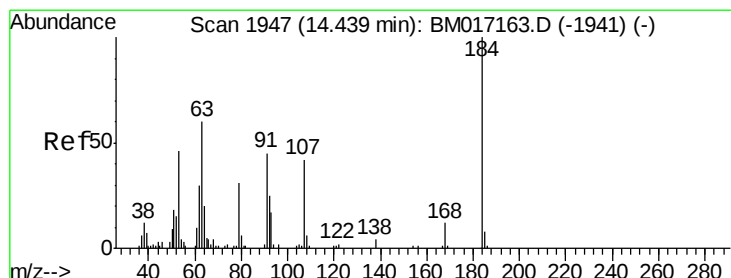
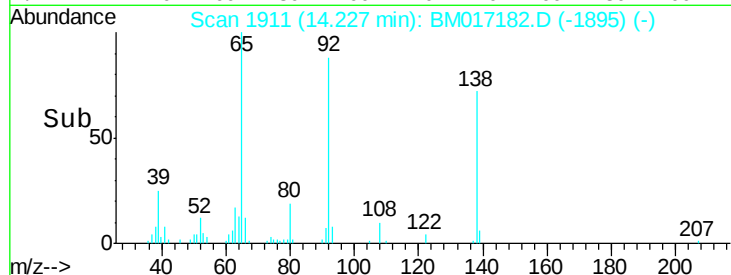
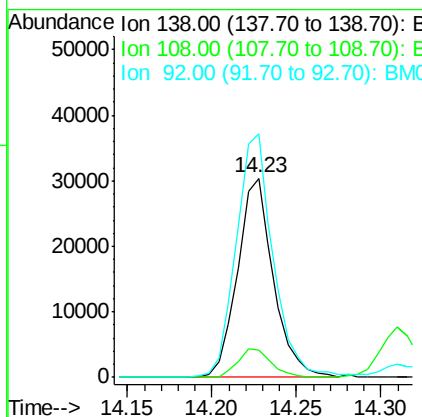
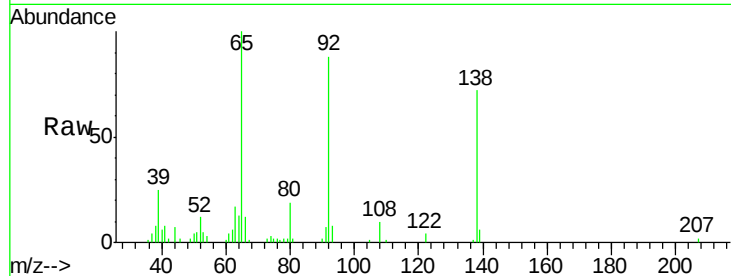




#53
 3-Nitroaniline
 Concen: 5.276 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

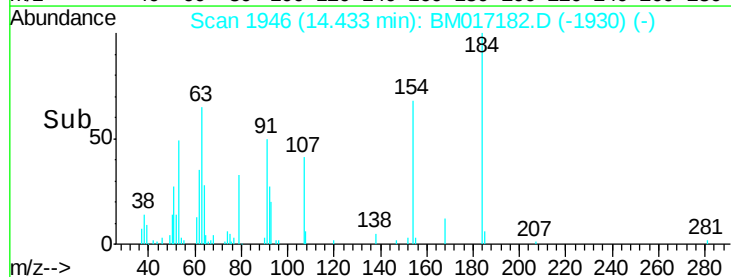
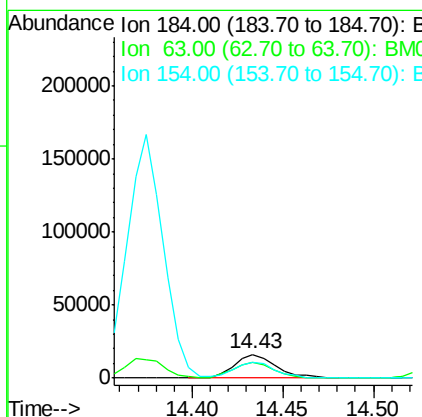
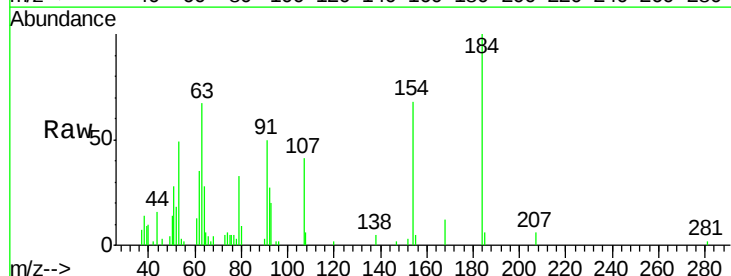
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

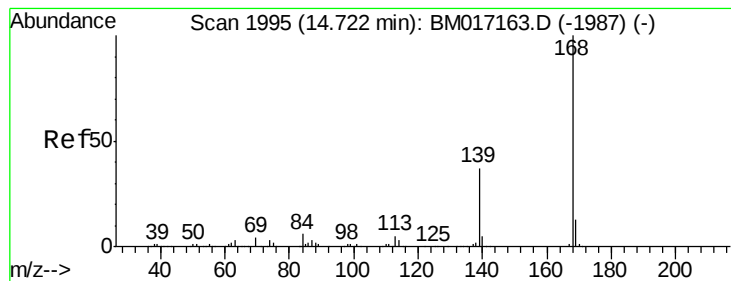
Tgt Ion:138 Resp: 45032
 Ion Ratio Lower Upper
 138 100
 108 13.8 8.7 13.1#
 92 122.3 87.9 131.9



#54
 2,4-Dinitrophenol
 Concen: 13.197 ng
 RT: 14.43 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

Tgt Ion:184 Resp: 25613
 Ion Ratio Lower Upper
 184 100
 63 66.8 51.2 76.8
 154 68.1 47.8 71.8





#55

Dibenzenofuran

Concen: 8.073 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

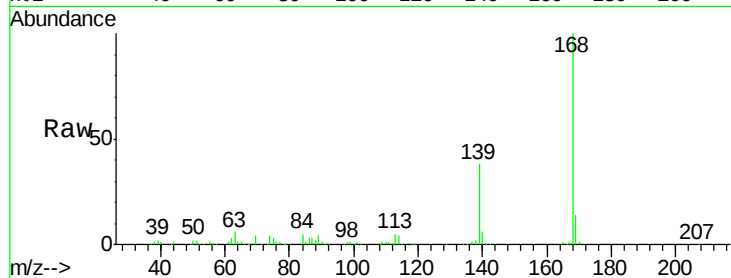
Tgt Ion:168 Resp: 375384

Ion Ratio Lower Upper

168 100

139 37.6 29.3 43.9

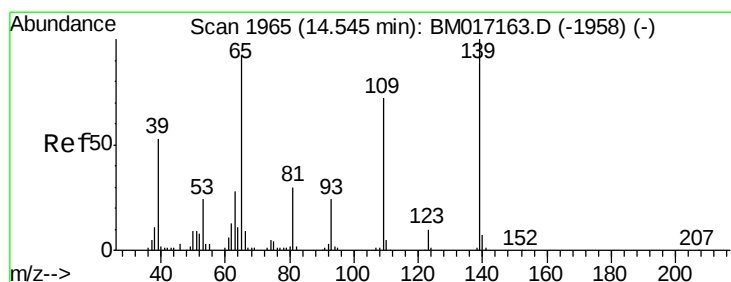
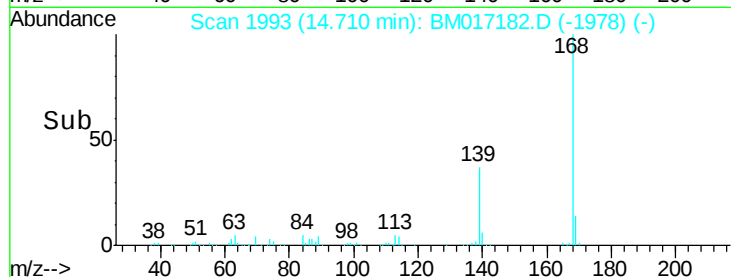
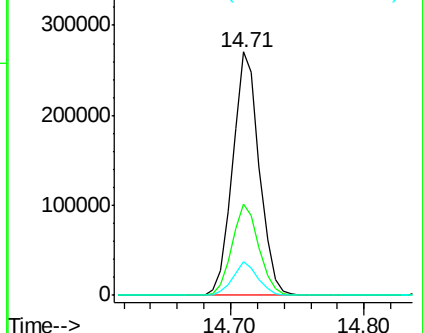
169 13.6 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 10.209 ng

RT: 14.54 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

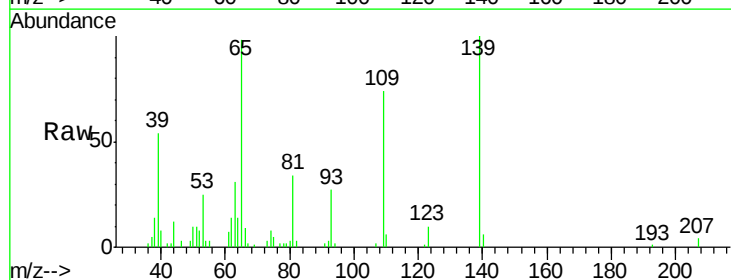
Tgt Ion:139 Resp: 45401

Ion Ratio Lower Upper

139 100

109 74.1 51.8 91.8

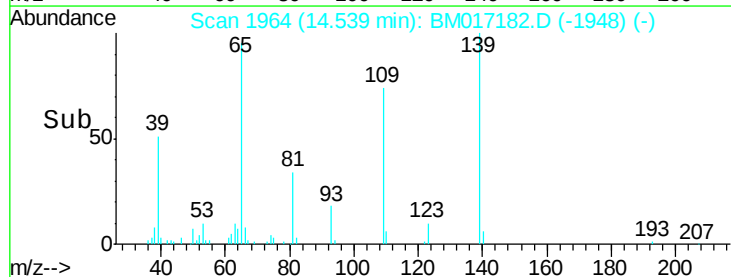
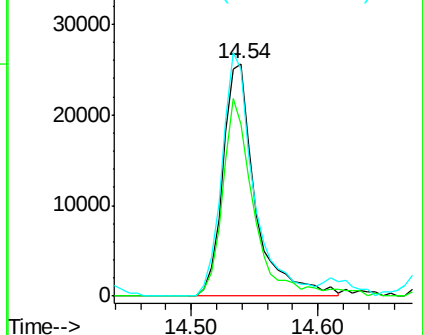
65 97.7 72.1 112.1

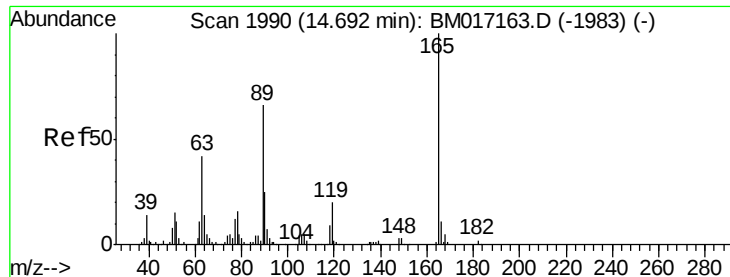


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

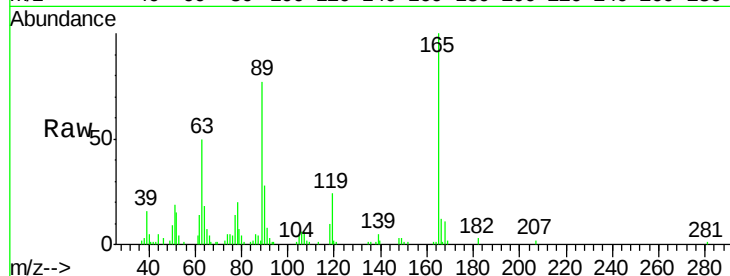




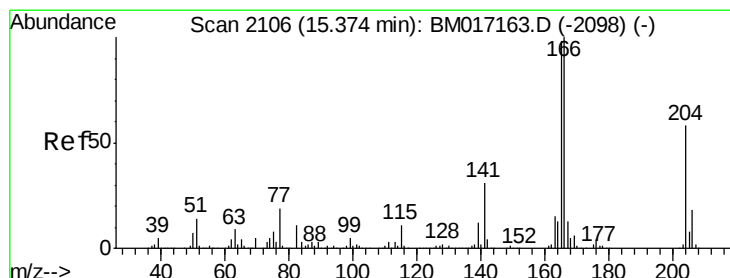
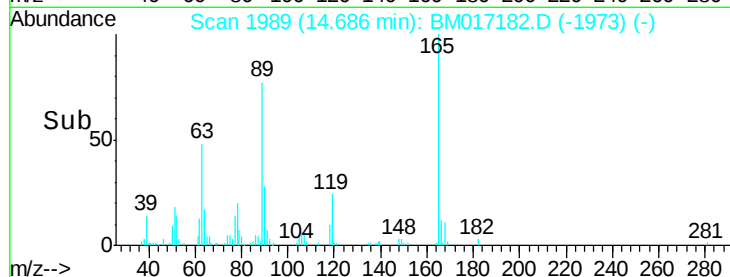
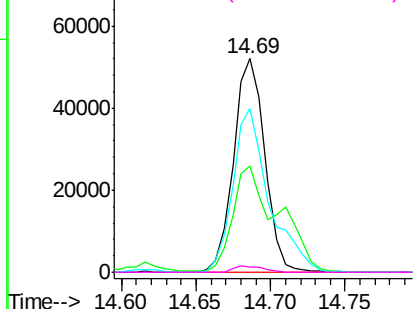
#57
2,4-Dinitrotoluene
Concen: 7.163 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tgt Ion:165 Resp: 75869
Ion Ratio Lower Upper
165 100
63 49.7 33.8 50.8
89 76.7 53.1 79.7
182 2.5 2.0 3.0

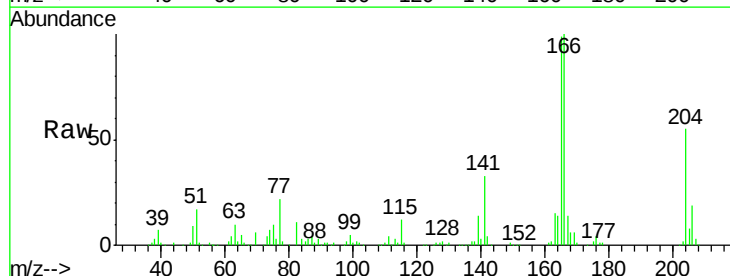


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

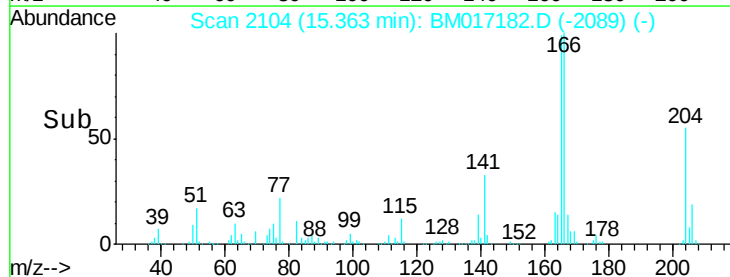
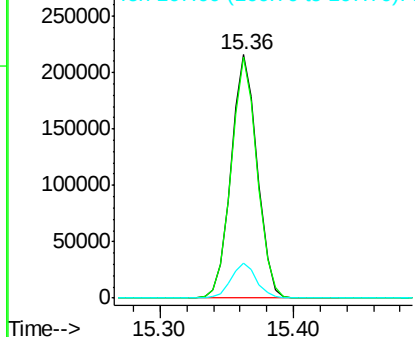


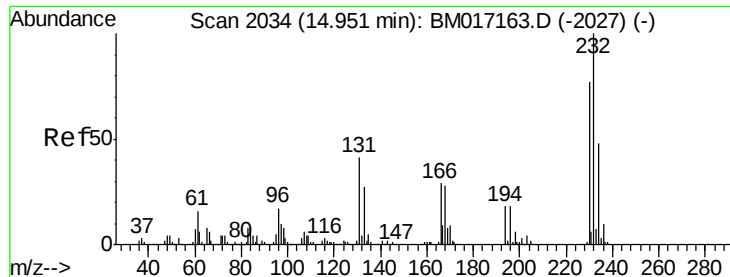
#58
Fluorene
Concen: 8.577 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:166 Resp: 295202
Ion Ratio Lower Upper
166 100
165 99.1 78.1 117.1
167 14.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

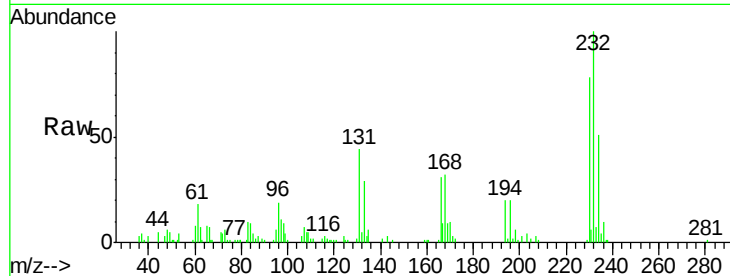




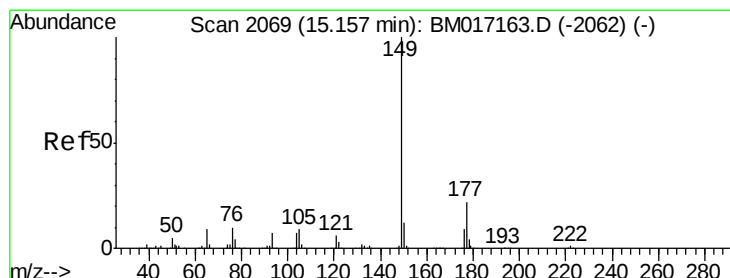
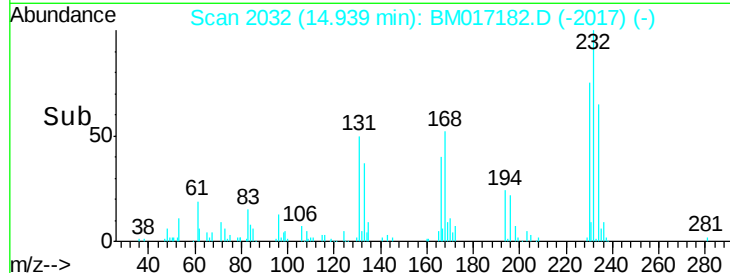
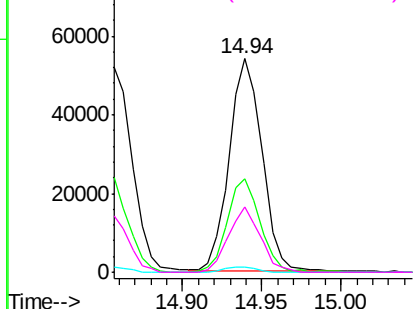
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.346 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tgt Ion:232 Resp: 77403
Ion Ratio Lower Upper
232 100
131 44.0 33.1 49.7
130 2.4 1.7 2.5
166 29.5 24.4 36.6

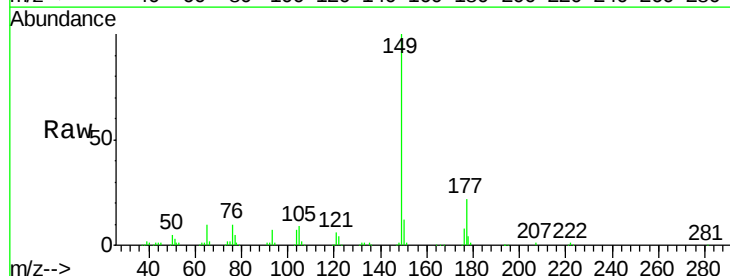


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

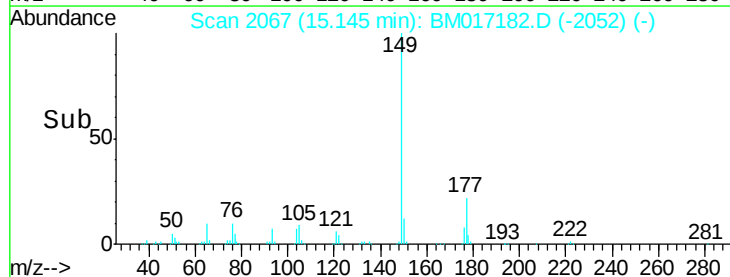
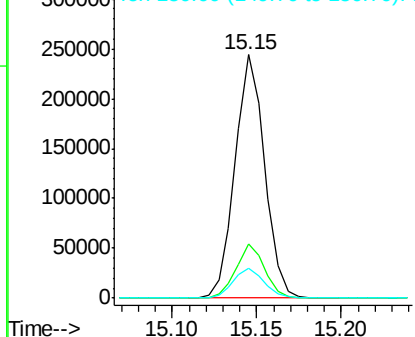


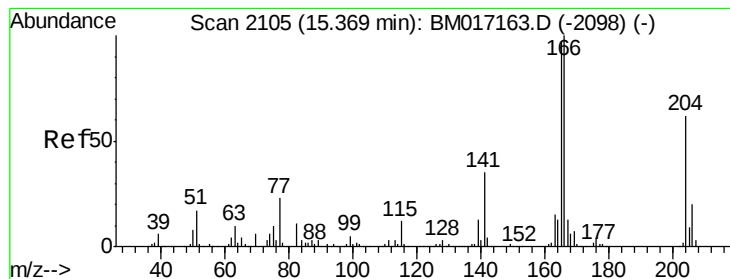
#60
Diethylphthalate
Concen: 8.378 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:149 Resp: 297478
Ion Ratio Lower Upper
149 100
177 22.2 17.7 26.5
150 12.1 10.0 15.0



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





#61

4-Chlorophenyl-phenylether

Concen: 7.956 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

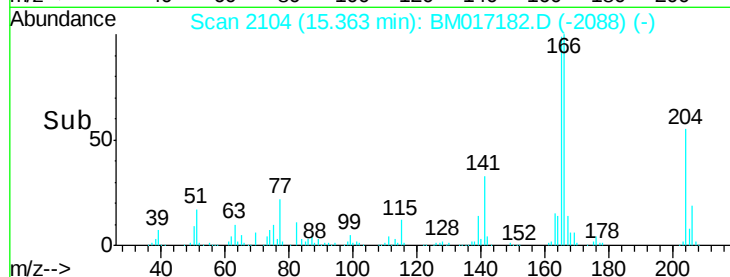
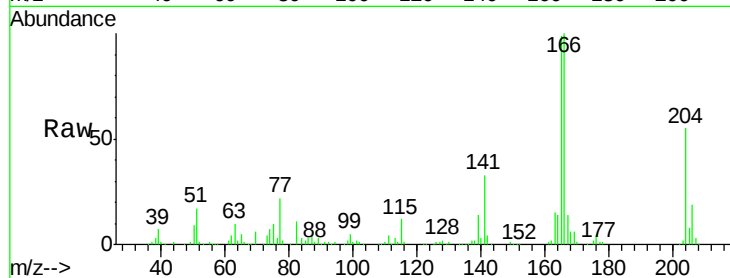
Tgt Ion:204 Resp: 156103

Ion Ratio Lower Upper

204 100

206 33.9 26.1 39.1

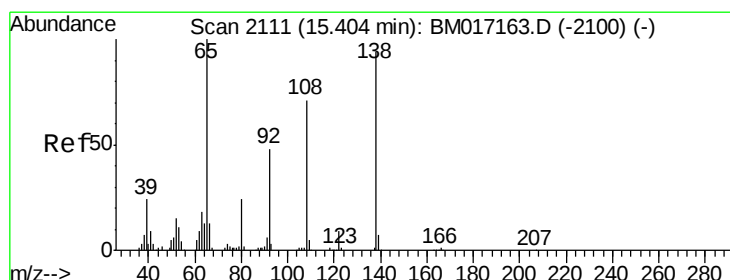
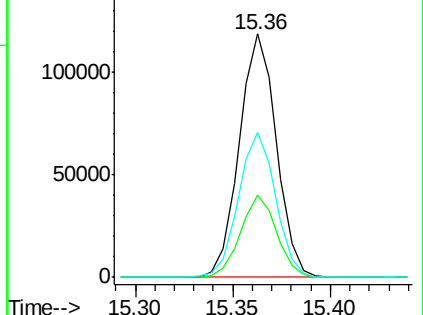
141 59.8 45.4 68.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 10.254 ng

RT: 15.39 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

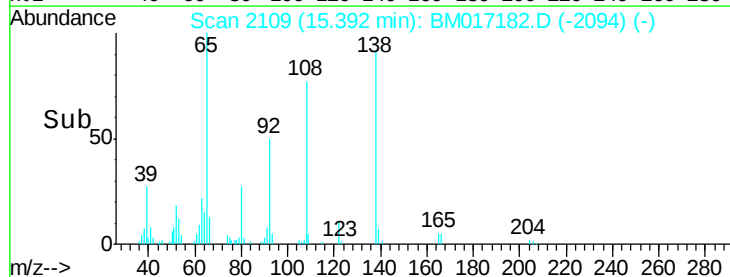
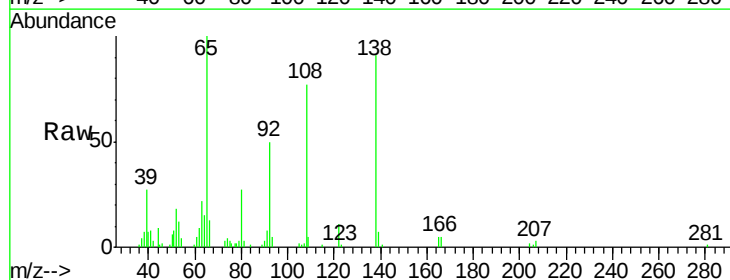
Tgt Ion:138 Resp: 58138

Ion Ratio Lower Upper

138 100

92 55.3 31.2 71.2

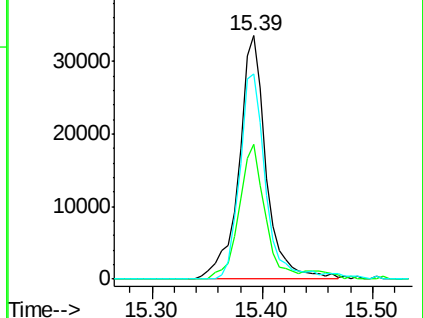
108 84.5 55.5 95.5

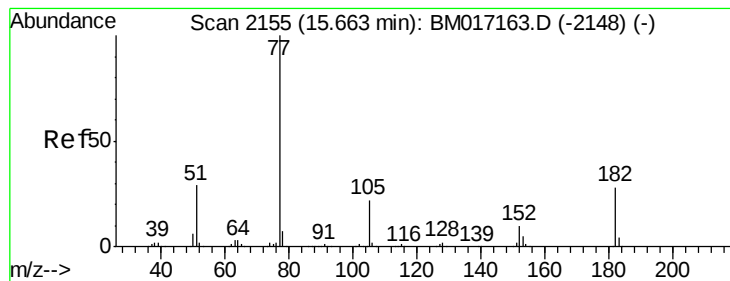


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 7.759 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 77 Resp: 267786

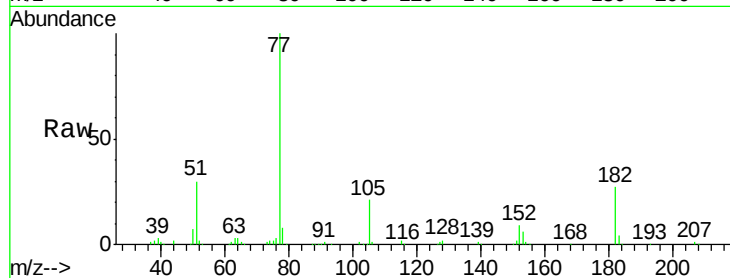
Ion Ratio Lower Upper

77 100

182 27.1 8.3 48.3

105 21.4 1.5 41.5

51 29.9 8.8 48.8

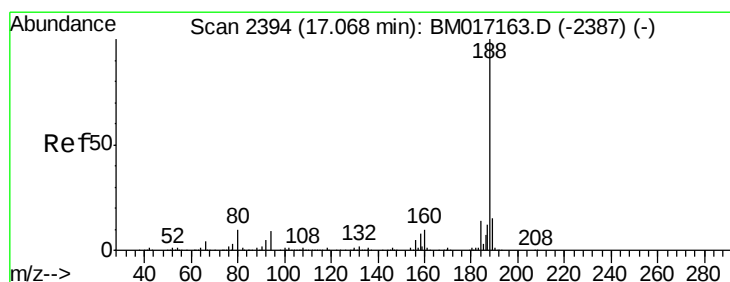
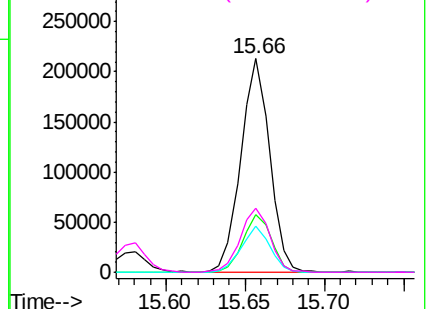
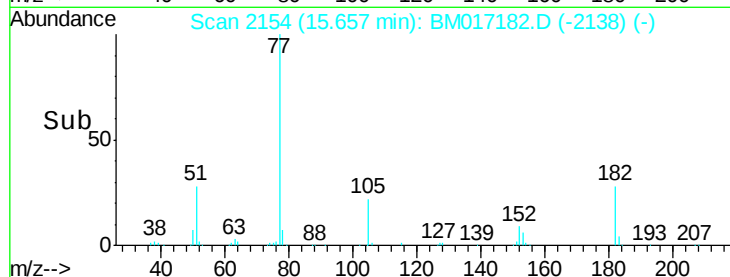


Abundance Ion 77.00 (76.70 to 77.70): BM017182.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017182.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017182.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017182.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

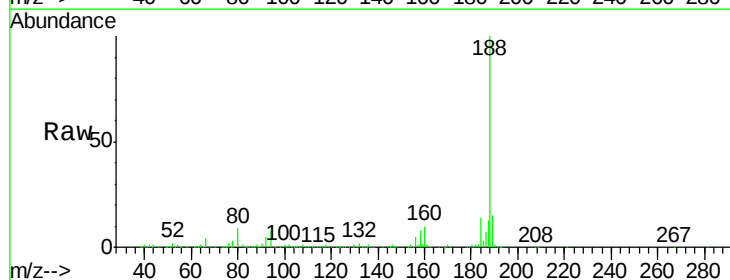
Tgt Ion: 188 Resp: 1107477

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

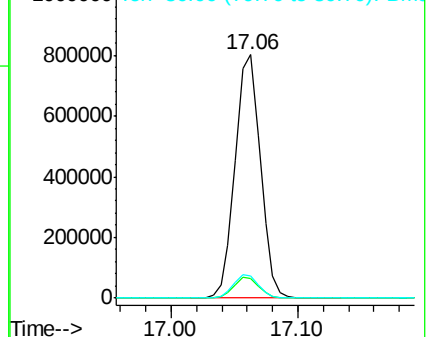
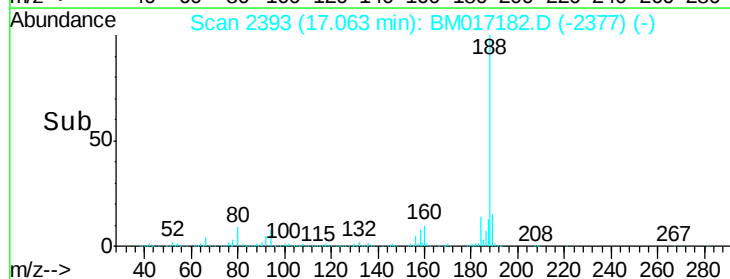
80 9.1 7.7 11.5

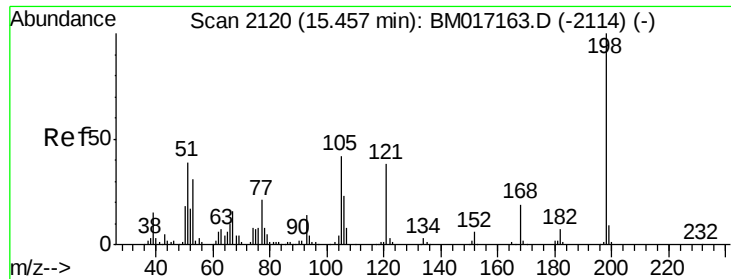


Abundance Ion 188.00 (187.70 to 188.70): BM017182.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017182.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017182.D (-2377) (-)

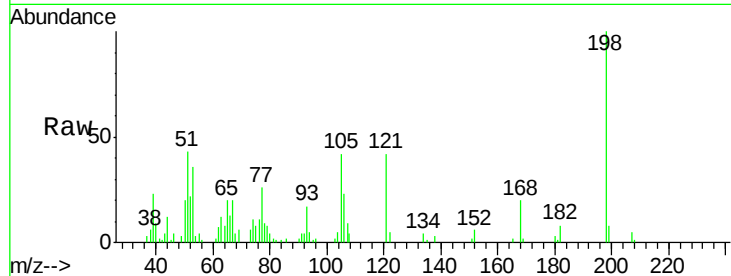




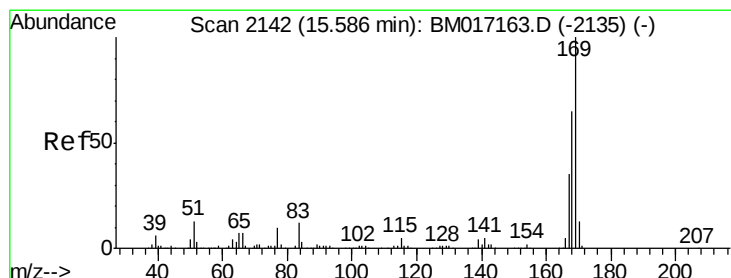
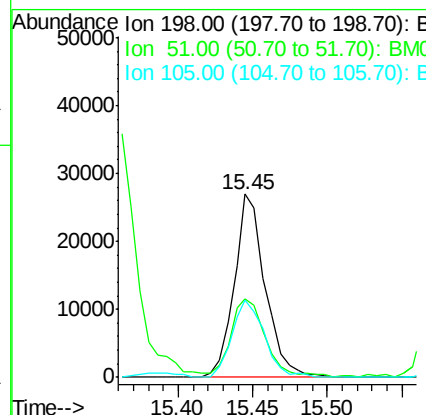
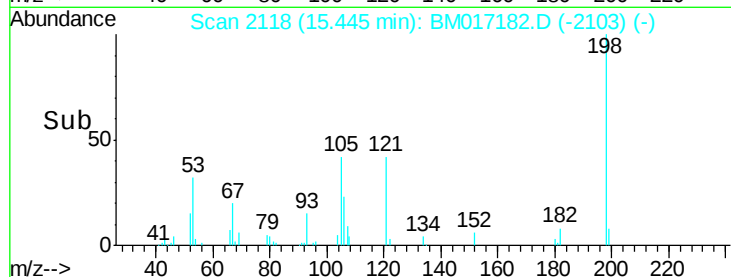
#65
 4,6-Dinitro-2-methylphenol
 Concen: 11.701 ng
 RT: 15.45 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

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

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.0	20.3	60.3
105	42.0	21.9	61.9

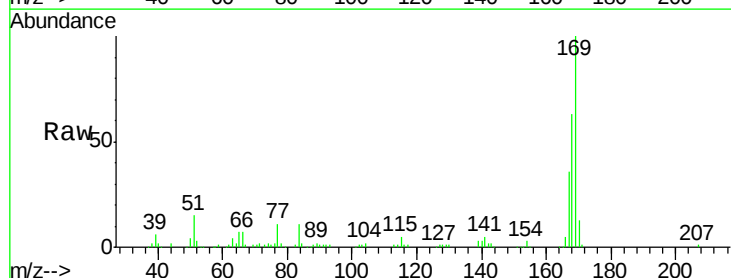


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM017163.D (-2114) (-)
 Ion 105.00 (104.70 to 105.70): E

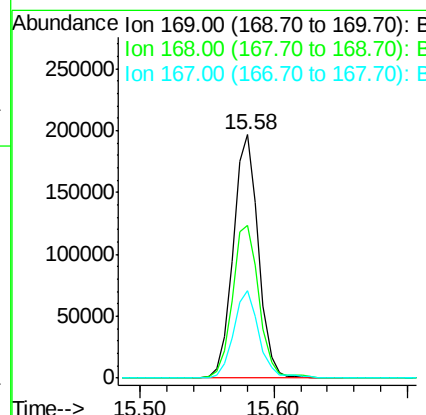
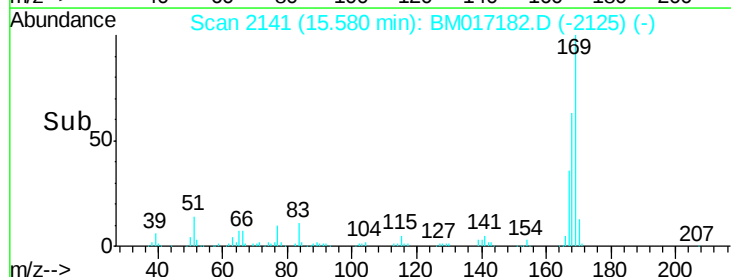


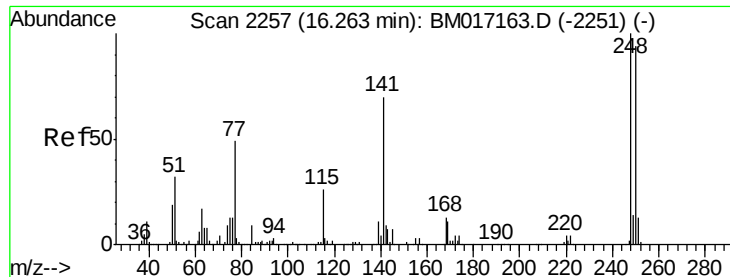
#66
 n-Nitrosodiphenylamine
 Concen: 7.750 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.9	52.2	78.4
167	36.1	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

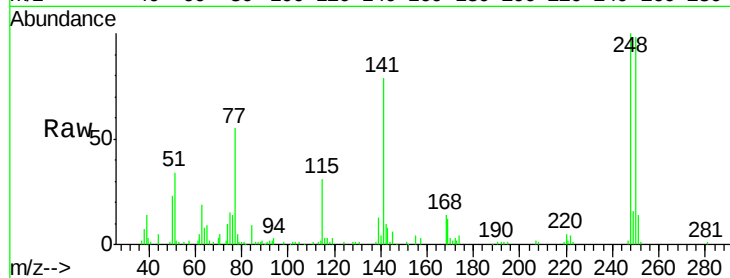




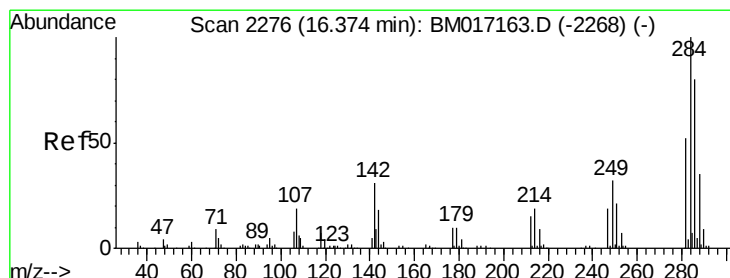
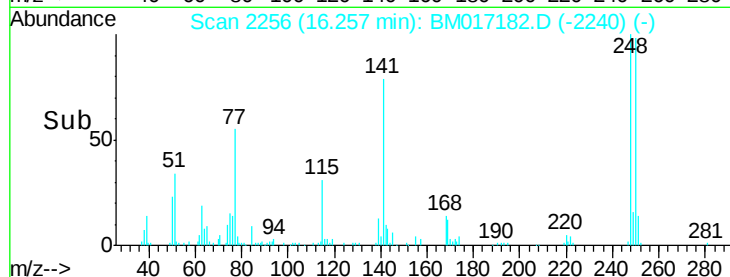
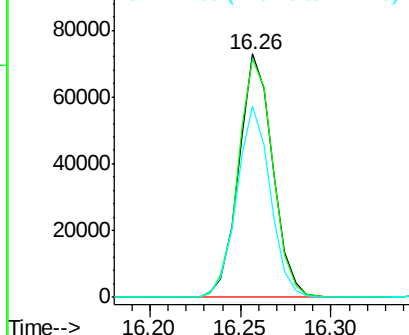
#67
4-Bromophenyl-phenylether
Concen: 7.786 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tgt Ion:248 Resp: 94677
Ion Ratio Lower Upper
248 100
250 97.8 75.1 112.7
141 78.6 55.6 83.4

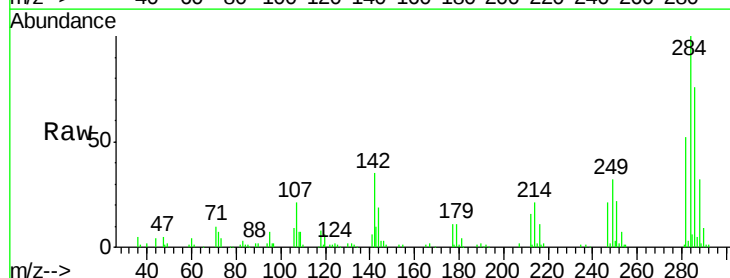


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

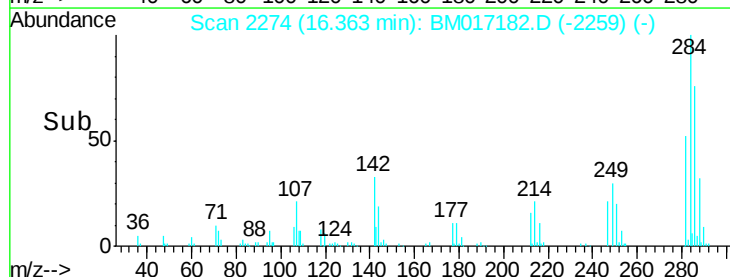
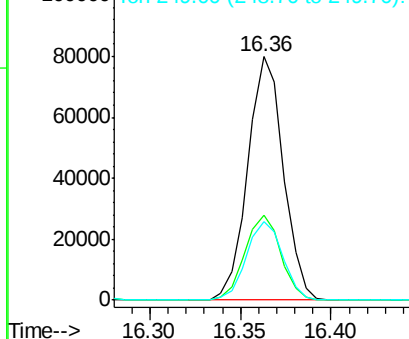


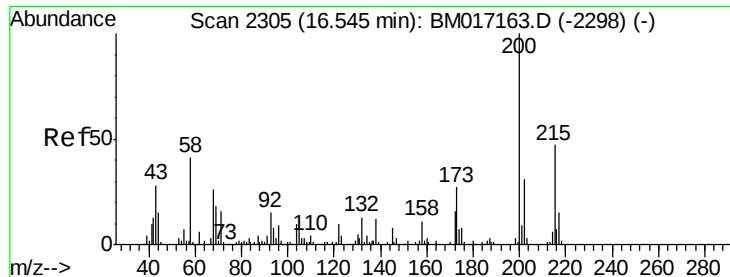
#68
Hexachlorobenzene
Concen: 7.717 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:284 Resp: 109005
Ion Ratio Lower Upper
284 100
142 34.6 25.0 37.6
249 32.1 25.5 38.3



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

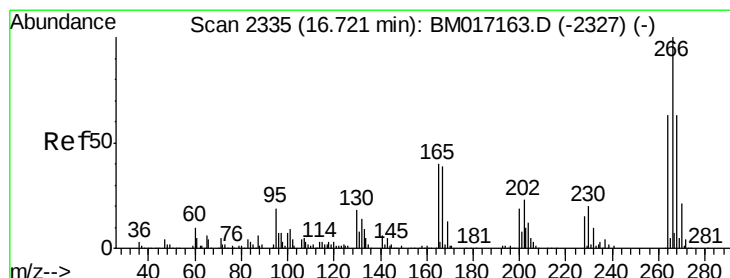
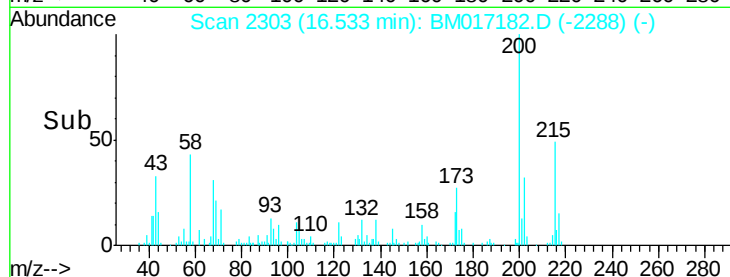
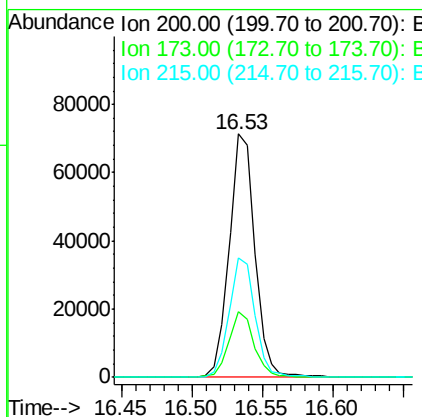
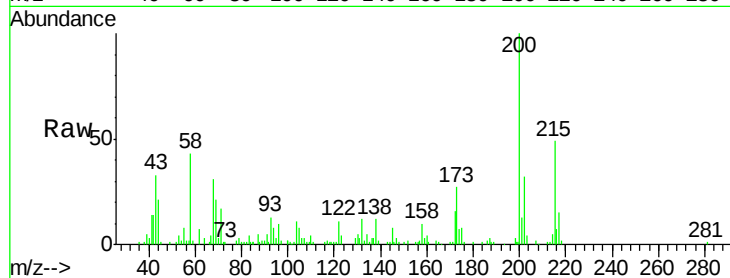




#69
Atrazine
Concen: 7.571 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

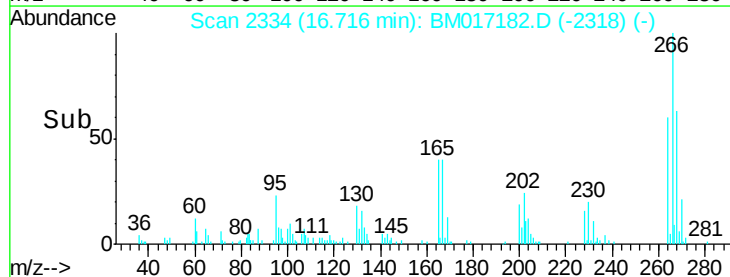
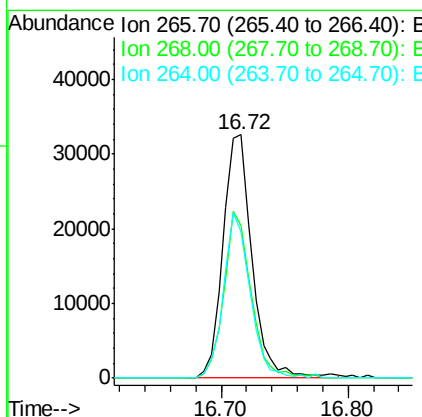
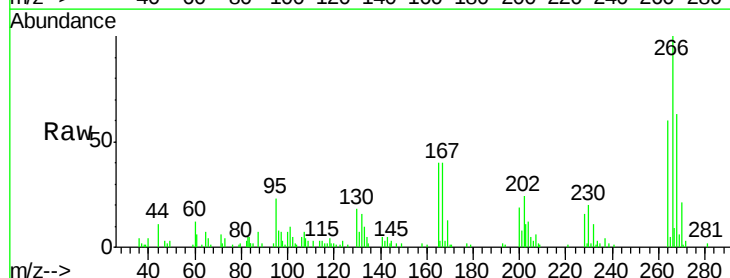
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

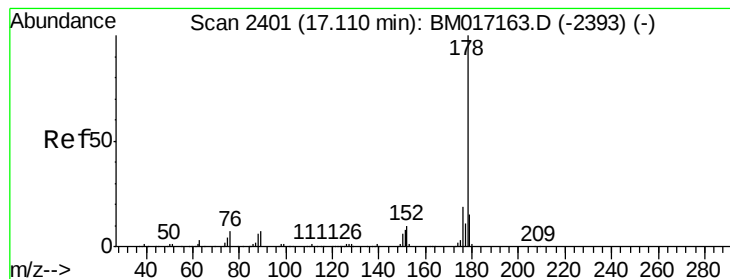
Tgt Ion:200 Resp: 90788
Ion Ratio Lower Upper
200 100
173 26.8 7.0 47.0
215 49.2 27.3 67.3



#70
Pentachlorophenol
Concen: 5.348 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:266 Resp: 51752
Ion Ratio Lower Upper
266 100
268 62.9 50.7 76.1
264 59.9 50.4 75.6





#71

Phenanthrene

Concen: 8.376 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

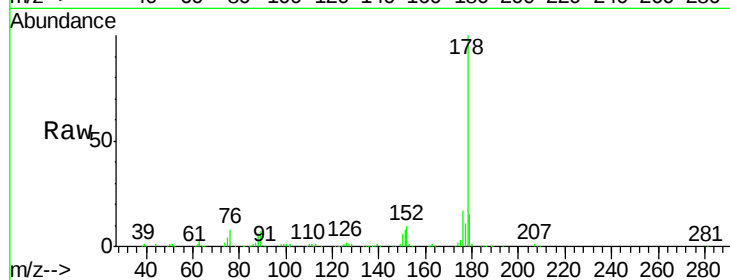
Tgt Ion:178 Resp: 500506

Ion Ratio Lower Upper

178 100

176 17.3 15.0 22.6

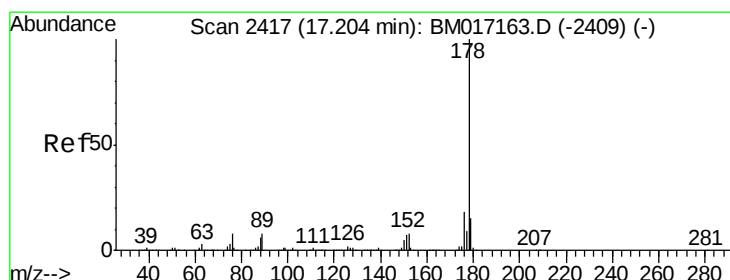
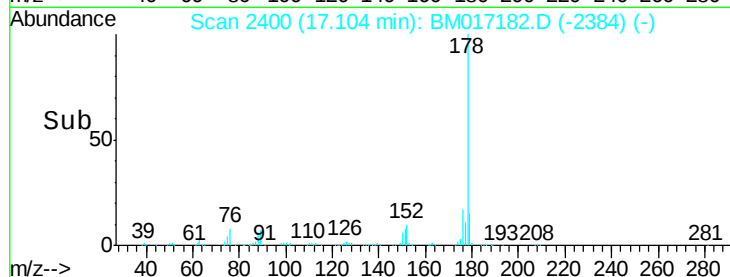
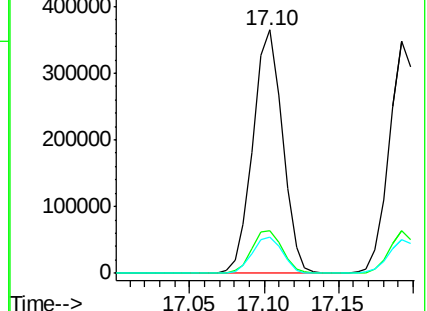
179 15.1 12.3 18.5



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: 8.534 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

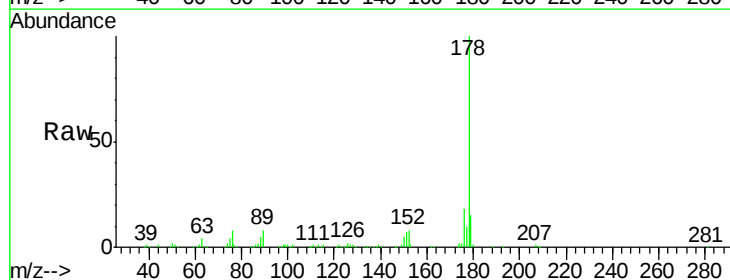
Tgt Ion:178 Resp: 484528

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

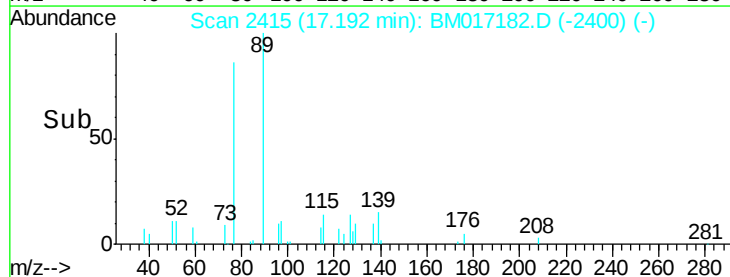
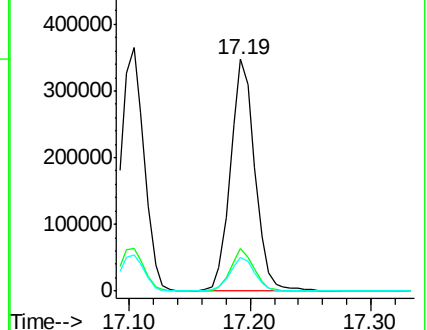
179 14.6 12.2 18.2

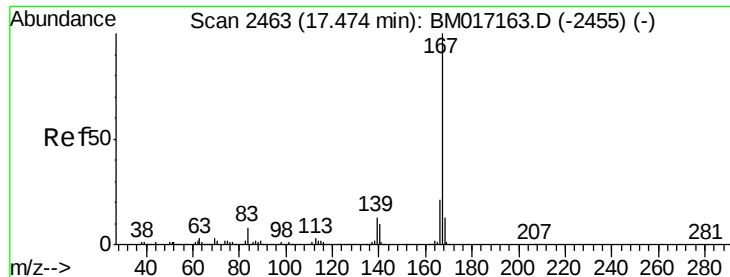


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

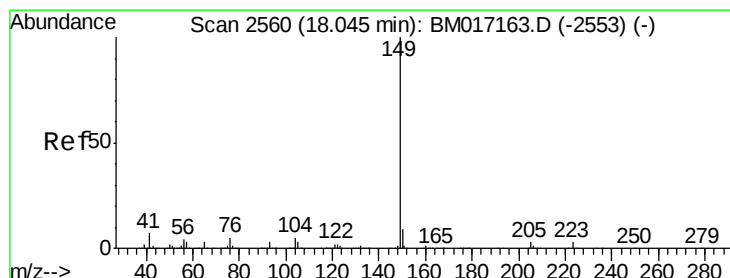
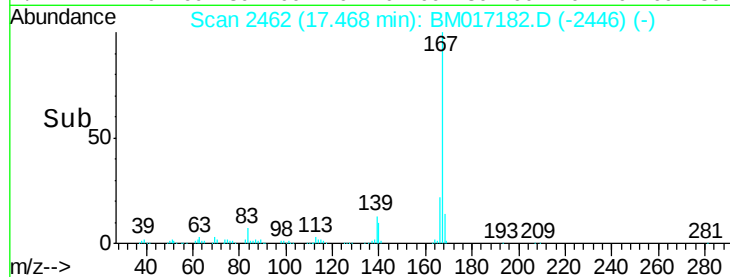
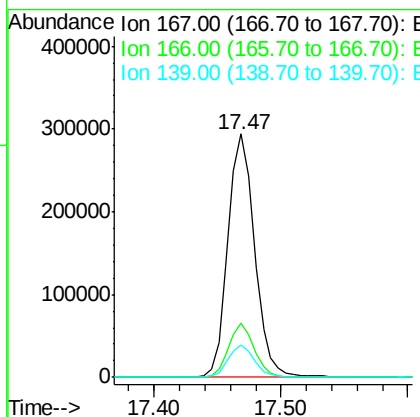
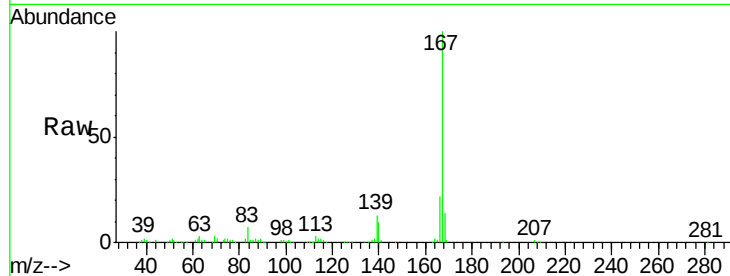




#73
 Carbazole
 Concen: 7.397 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

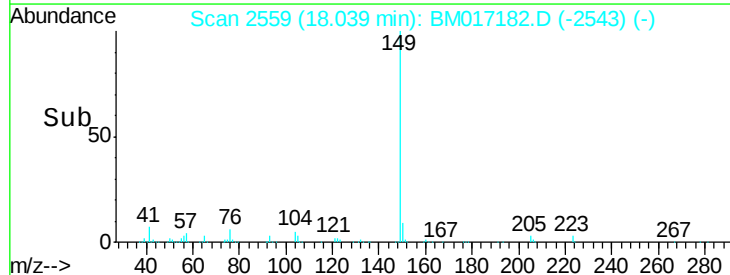
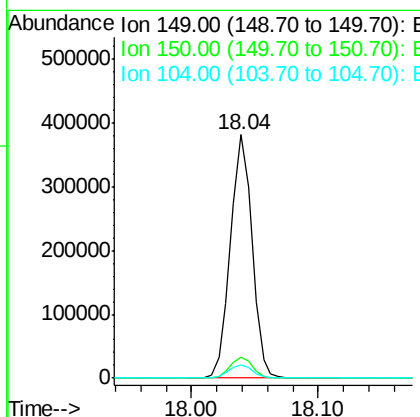
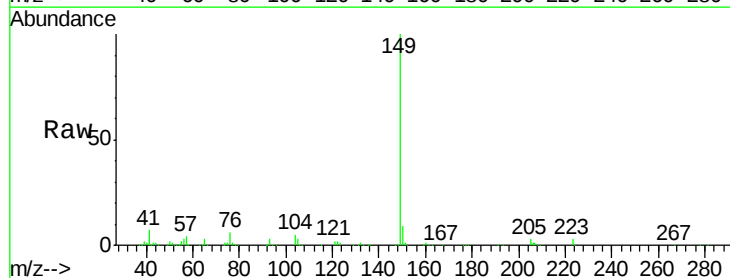
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2018

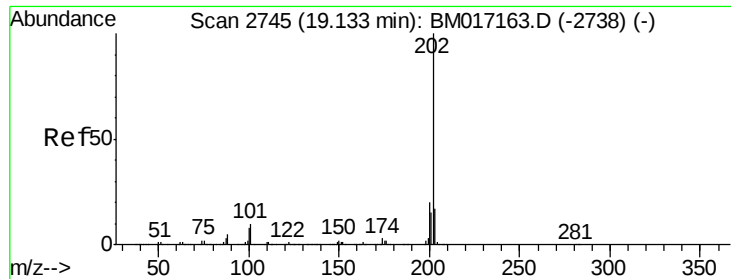
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.1	25.7
139	13.1	10.1	15.1



#74
 Di-n-butylphthalate
 Concen: 7.357 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.00 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.4	11.0
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 8.725 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

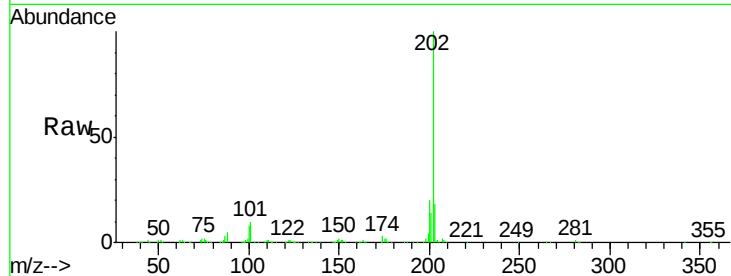
Instrument :

BNA_M

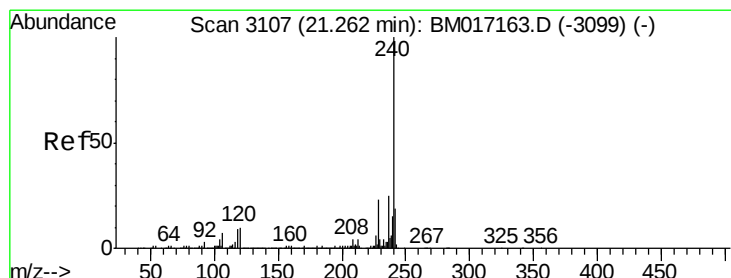
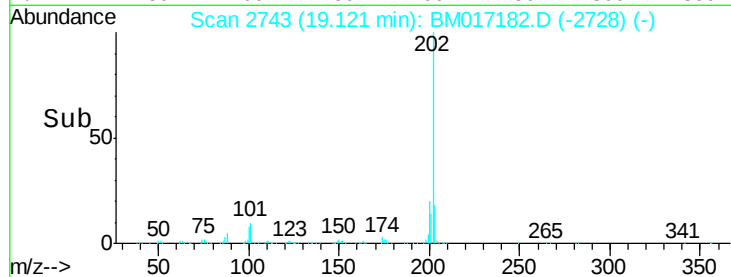
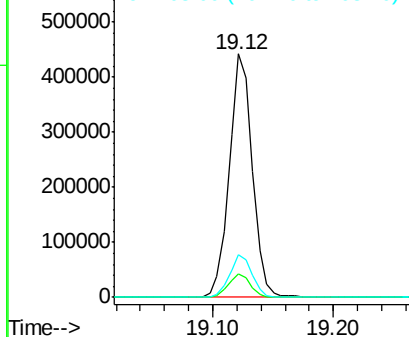
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	202	Resp:	586664
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.0
203	17.7	0.0	37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

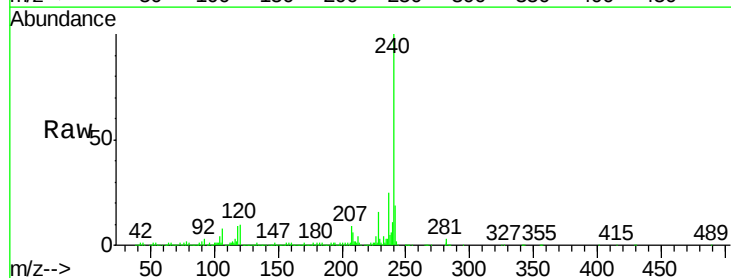
RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

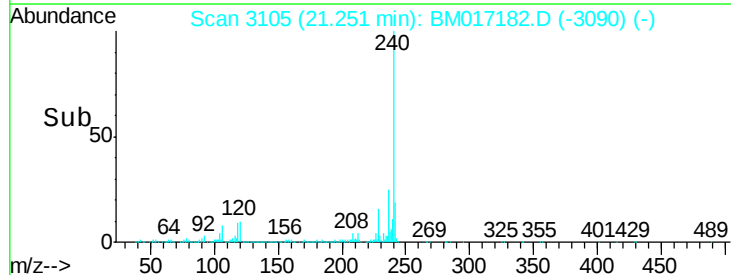
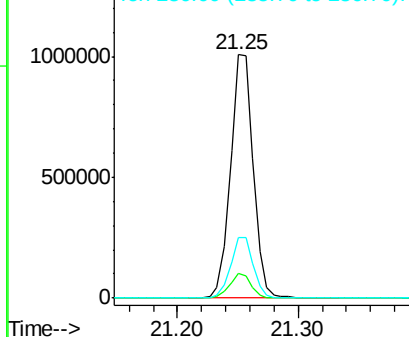
Lab File: BM017182.D

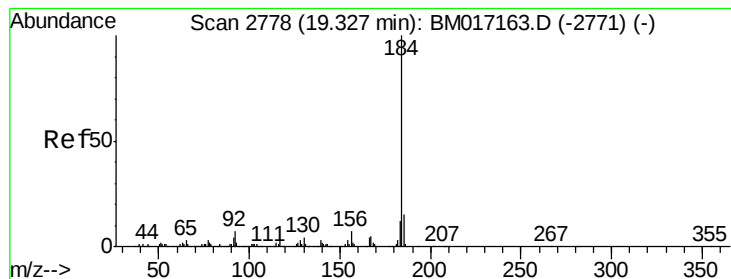
Acq: 18 Oct 2018 07:21

Tgt Ion:	240	Resp:	1319105
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	25.0	19.9	29.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.224 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

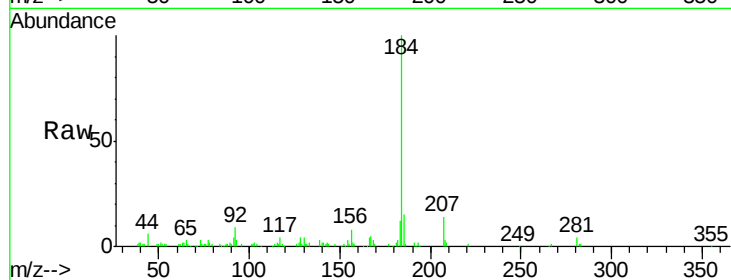
Tgt Ion:184 Resp: 141282

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.8

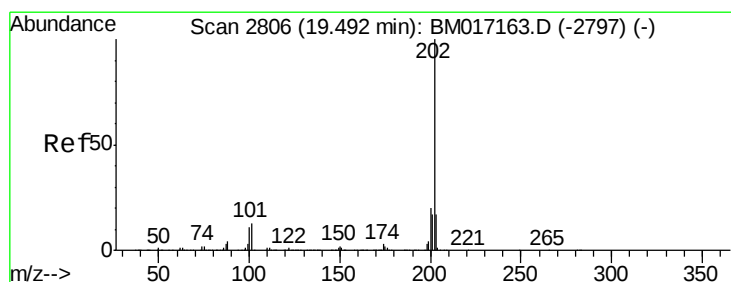
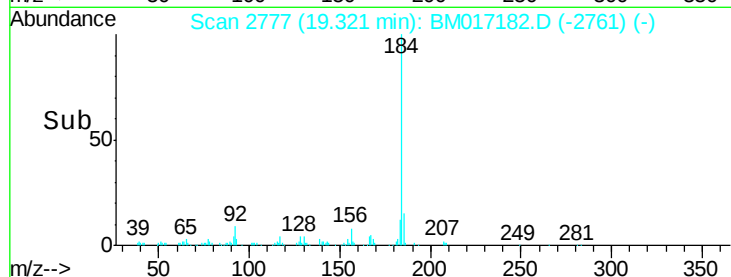
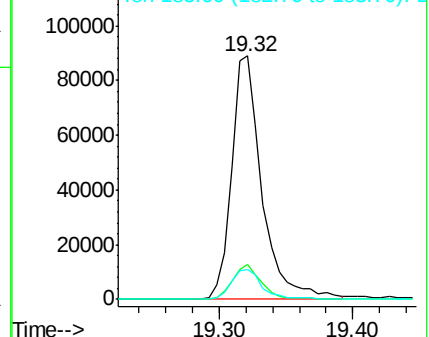
183 12.4 9.7 14.5



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: 8.120 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

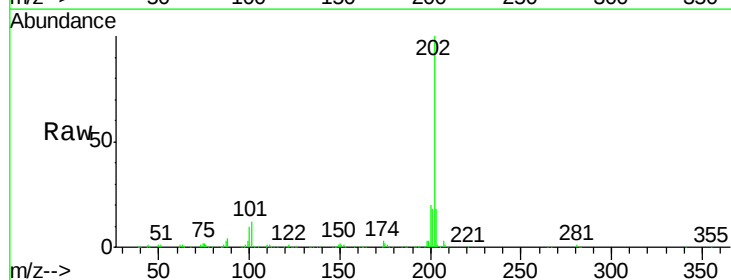
Tgt Ion:202 Resp: 598663

Ion Ratio Lower Upper

202 100

200 19.7 16.3 24.5

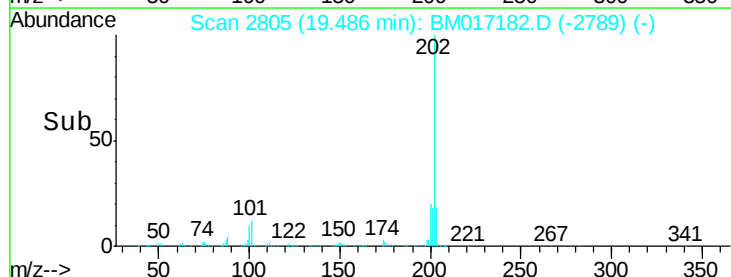
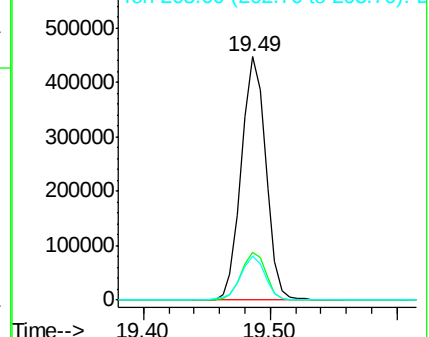
203 17.9 13.9 20.9

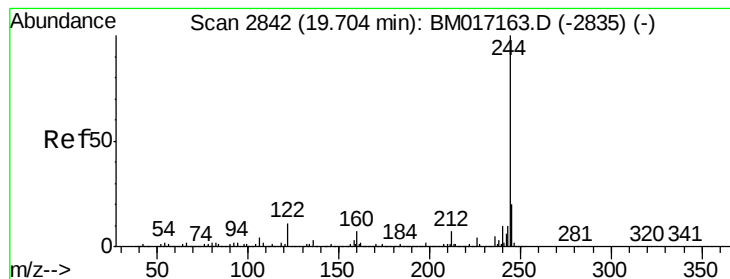


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.467 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

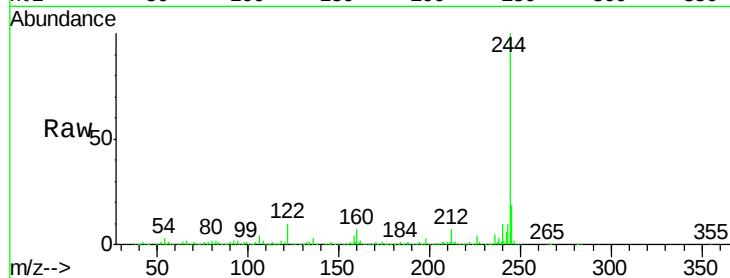
Tgt Ion:244 Resp: 4650627

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

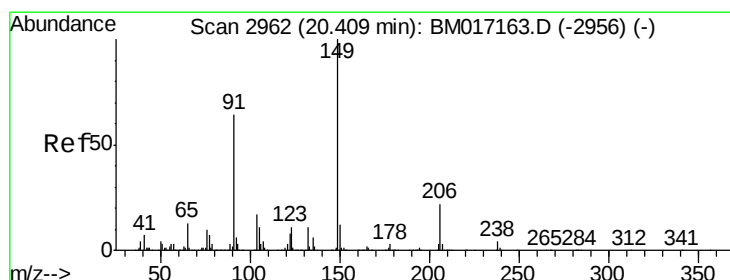
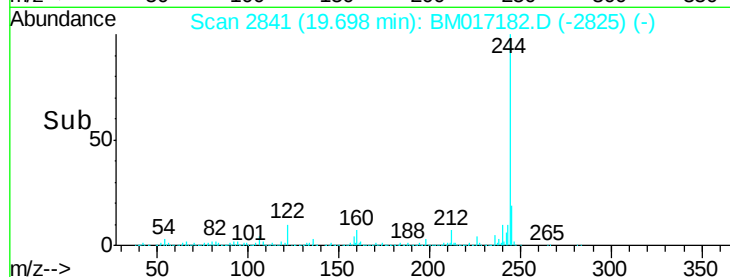
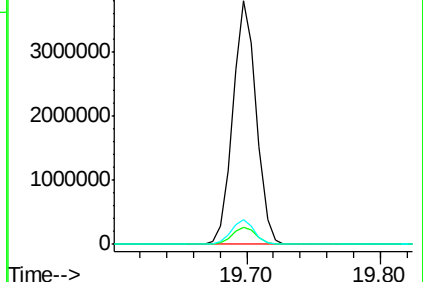
122 10.3 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 12.895 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

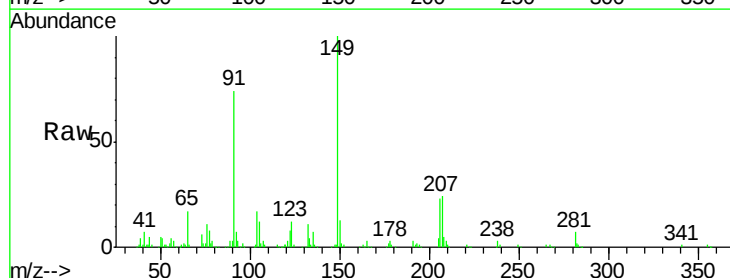
Tgt Ion:149 Resp: 188663

Ion Ratio Lower Upper

149 100

91 73.5 51.3 76.9

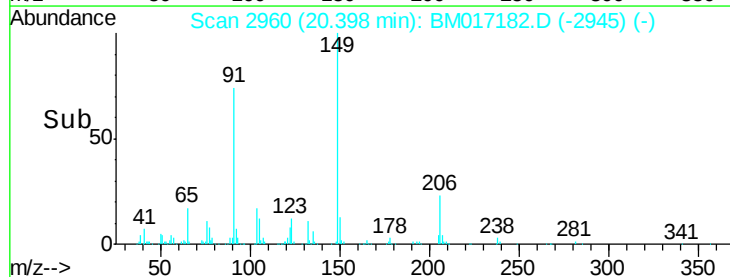
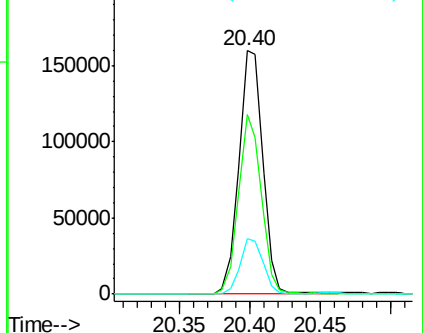
206 22.7 18.0 27.0

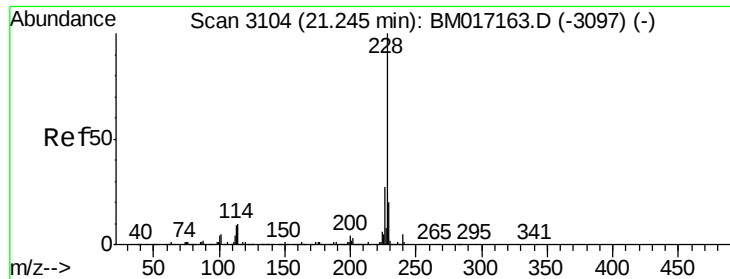


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

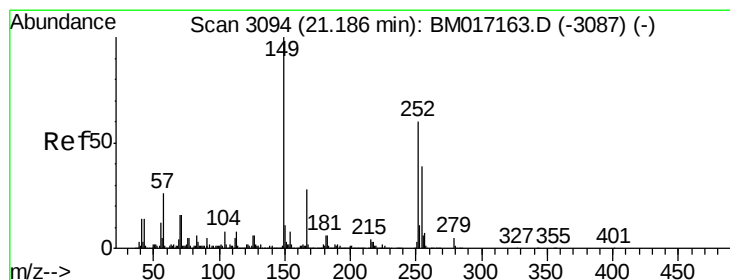
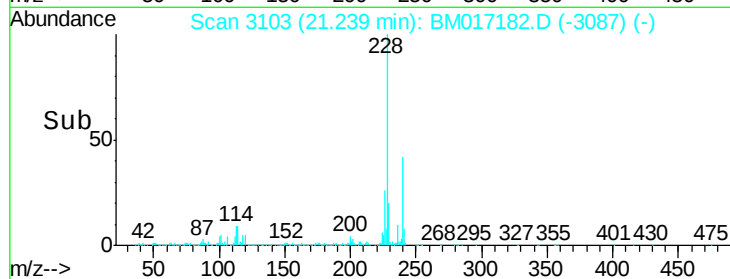
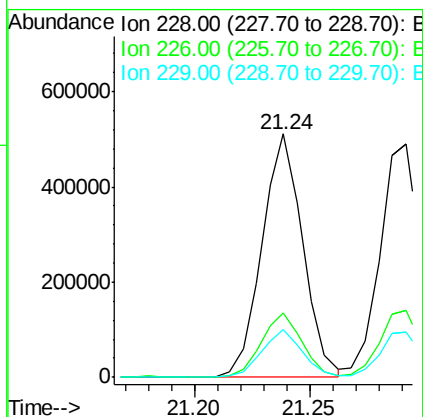
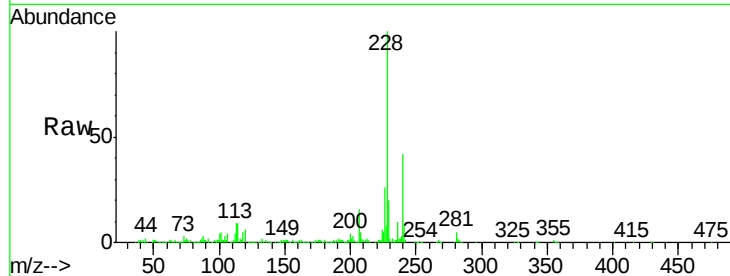




#81
Benzo(a)anthracene
Concen: 8.434 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

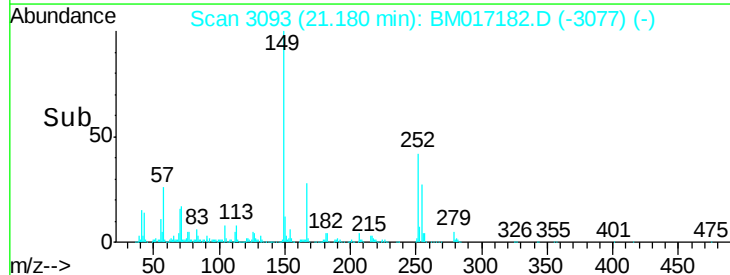
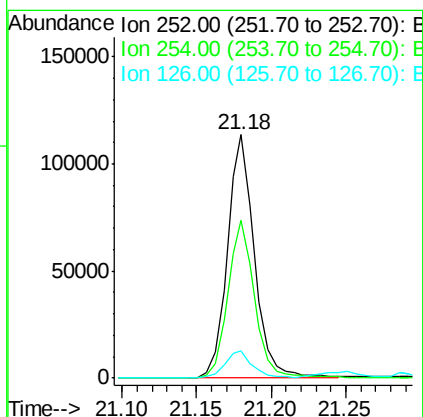
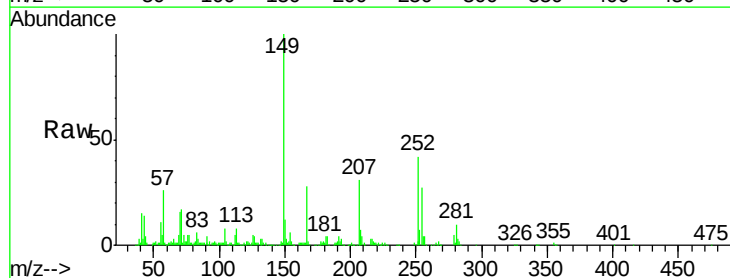
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

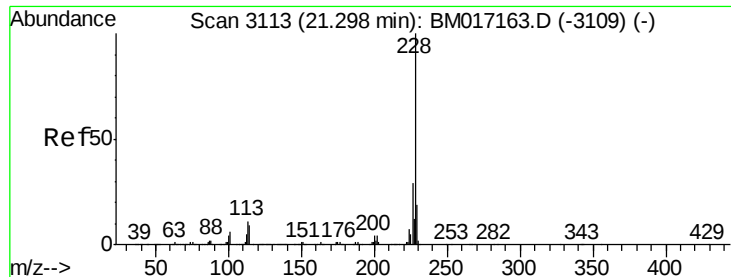
Tgt Ion:228 Resp: 626054
Ion Ratio Lower Upper
228 100
226 26.2 21.4 32.0
229 19.5 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 5.232 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:252 Resp: 144753
Ion Ratio Lower Upper
252 100
254 64.9 52.1 78.1
126 11.3 8.6 12.8





#83

Chrysene

Concen: 8.381 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

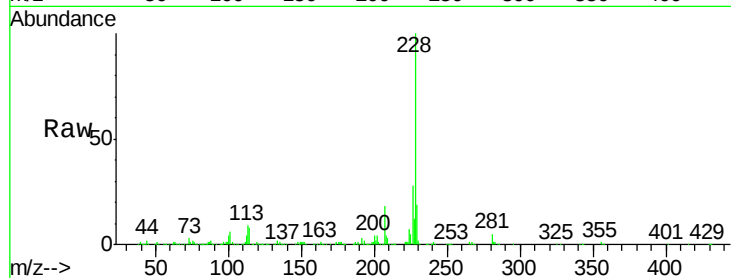
Tgt Ion:228 Resp: 615771

Ion Ratio Lower Upper

228 100

226 28.4 23.3 34.9

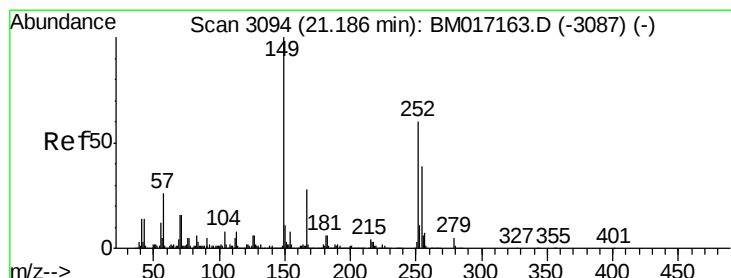
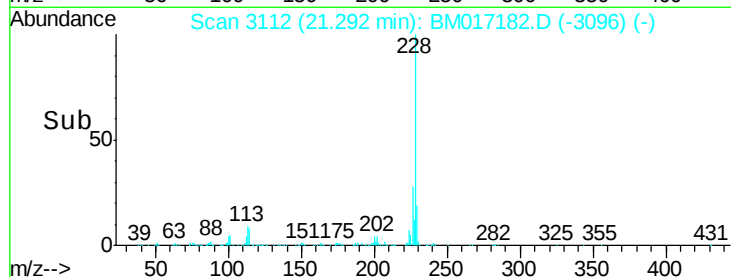
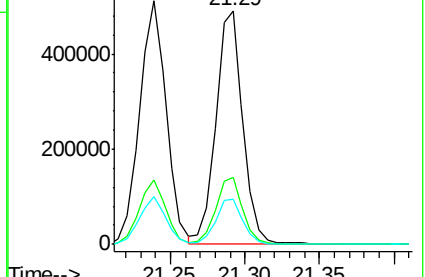
229 19.2 15.6 23.4



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: 11.278 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

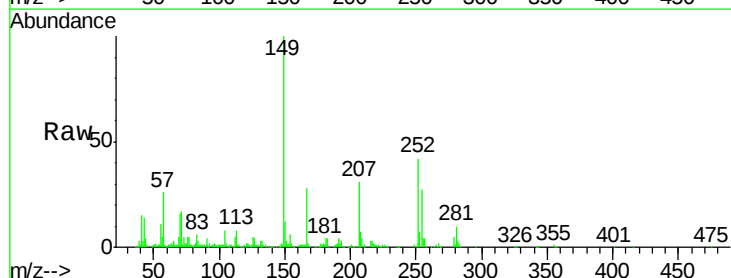
Tgt Ion:149 Resp: 288099

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

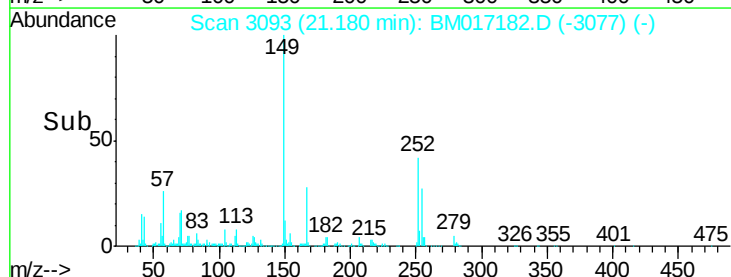
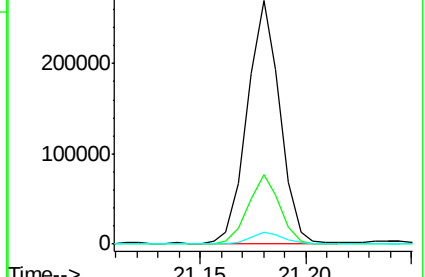
279 4.7 3.6 5.4

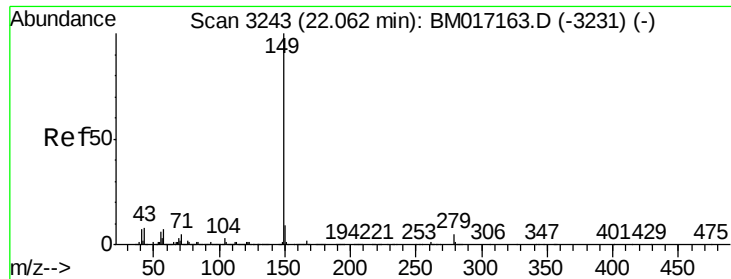


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 11.489 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

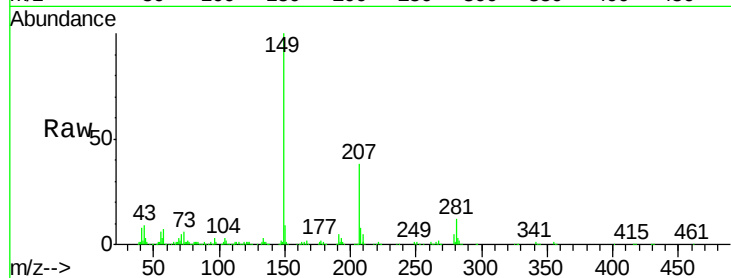
Tgt Ion:149 Resp: 486778

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

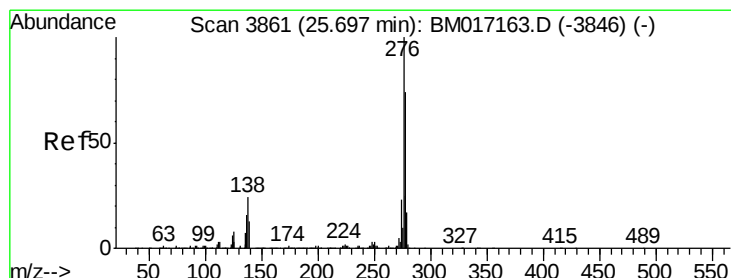
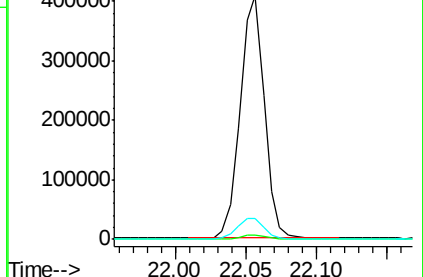
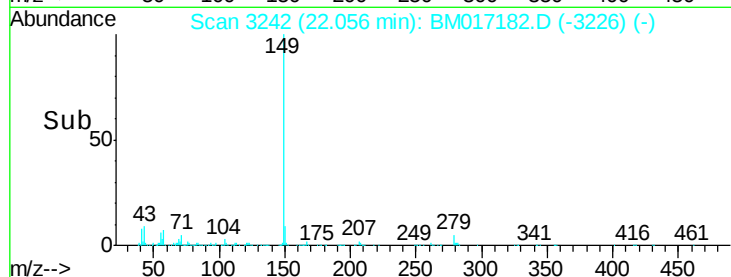
43 9.5 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.509 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

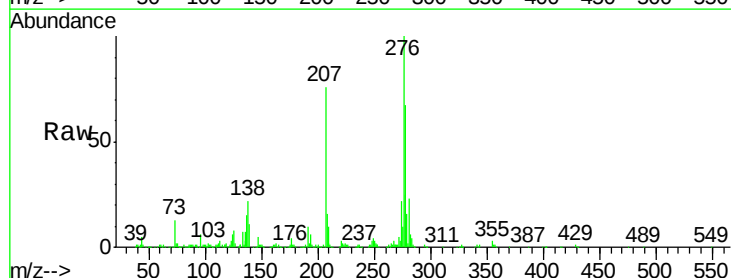
Tgt Ion:276 Resp: 699250

Ion Ratio Lower Upper

276 100

138 22.8 19.5 29.3

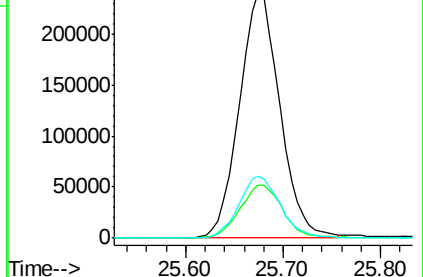
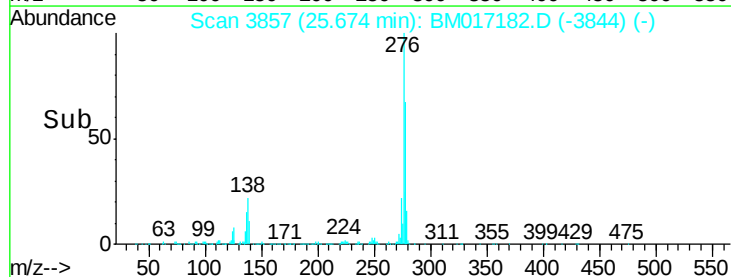
277 25.7 20.1 30.1

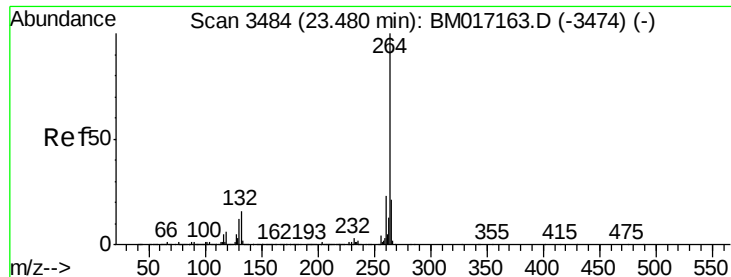


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



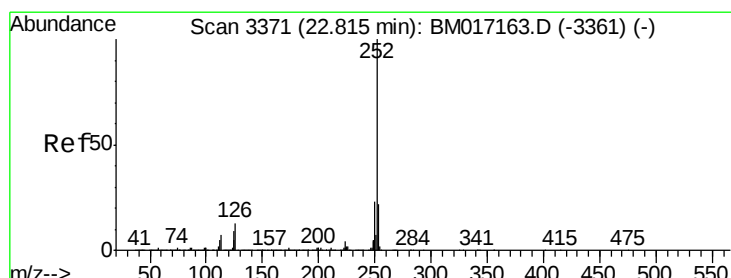
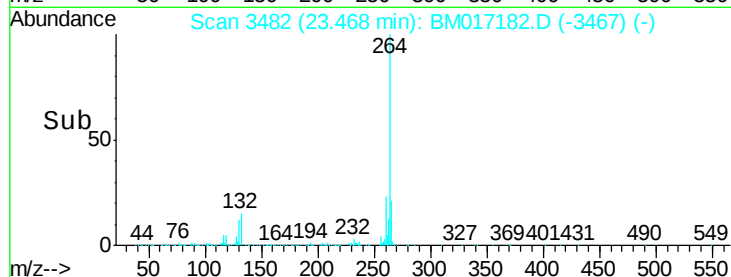
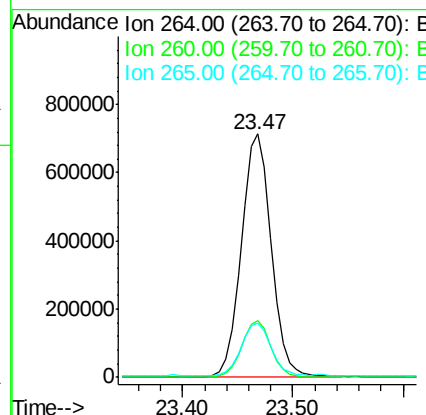
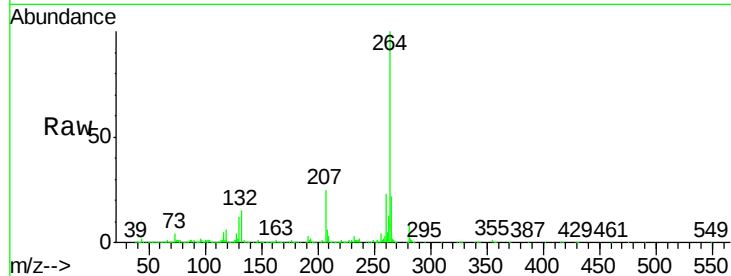


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tgt Ion:264 Resp: 1359123

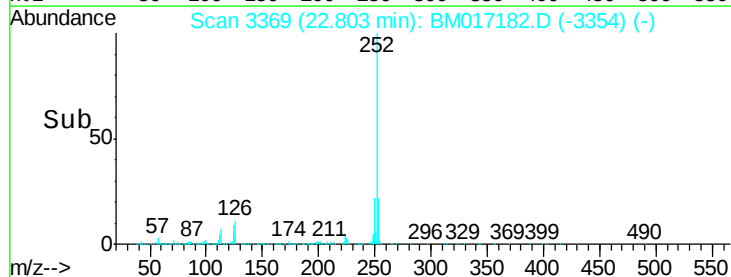
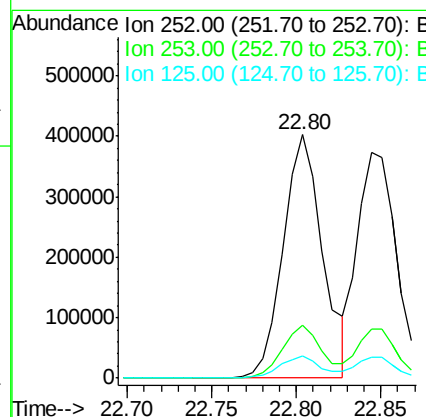
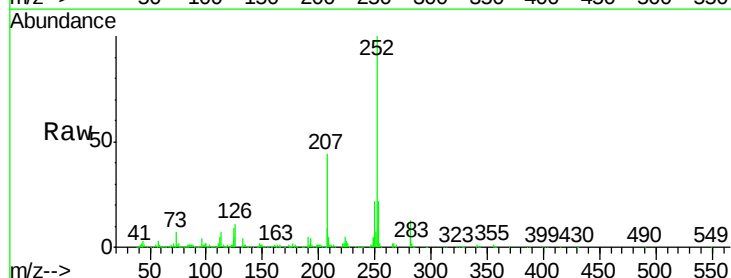
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.3	17.8	26.8

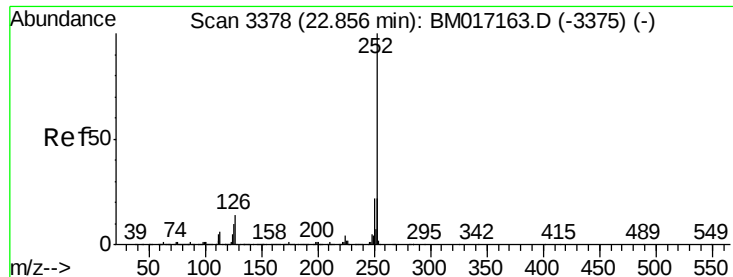


#88
Benzo(b)fluoranthene
Concen: 8.704 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:252 Resp: 646788

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.0	7.5	11.3

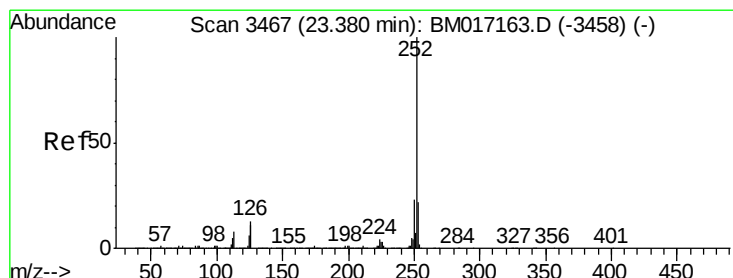
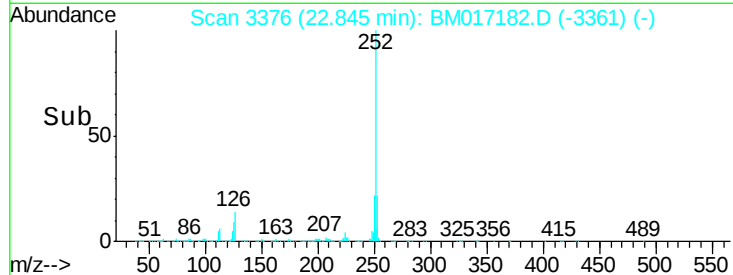
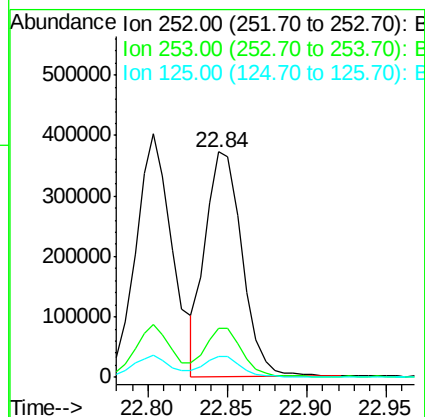
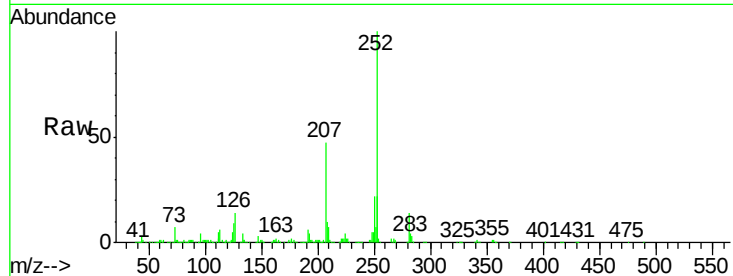




#89
Benzo(k)fluoranthene
Concen: 8.031 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

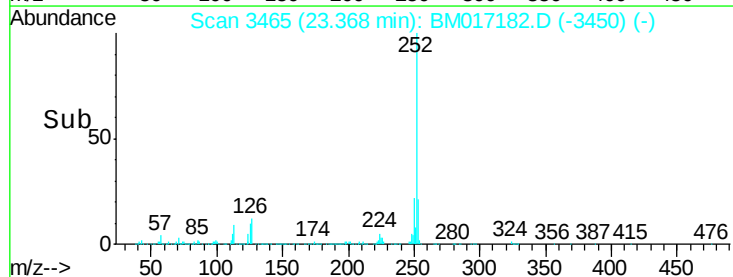
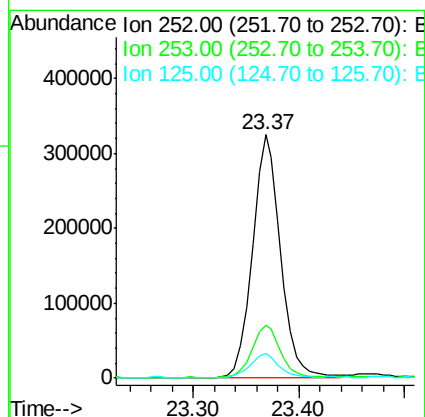
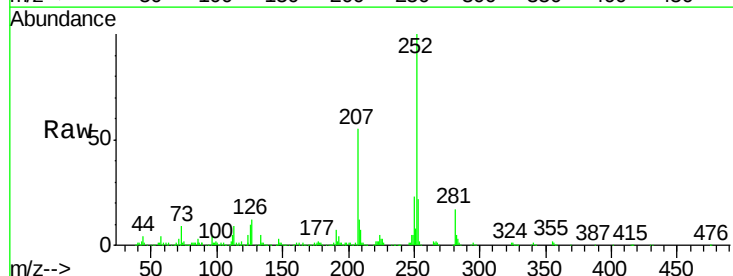
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

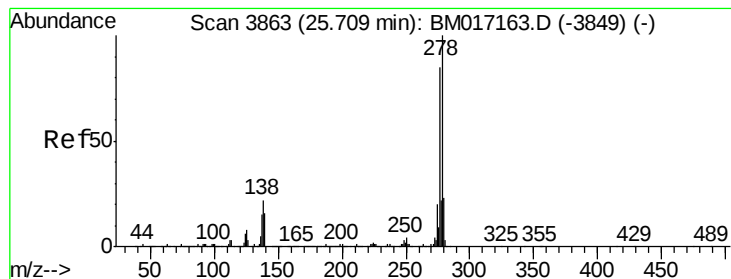
Tgt Ion:252 Resp: 598778
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.3 8.2 12.2



#90
Benzo(a)pyrene
Concen: 8.442 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:252 Resp: 595587
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 8.463 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

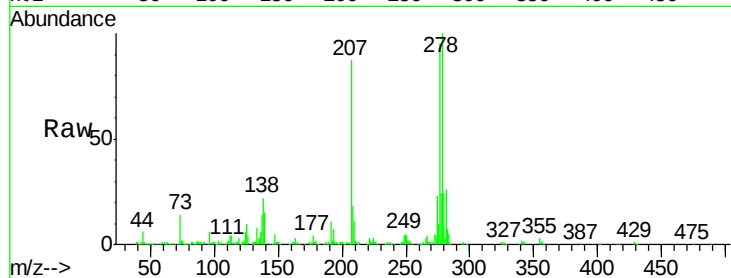
Tgt Ion:278 Resp: 592889

Ion Ratio Lower Upper

278 100

139 15.0 12.7 19.1

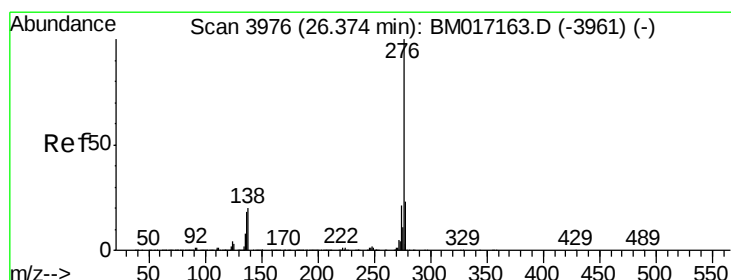
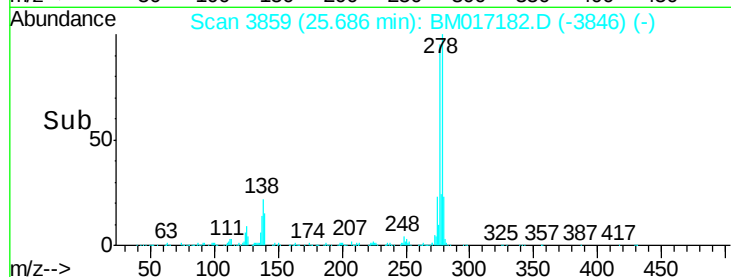
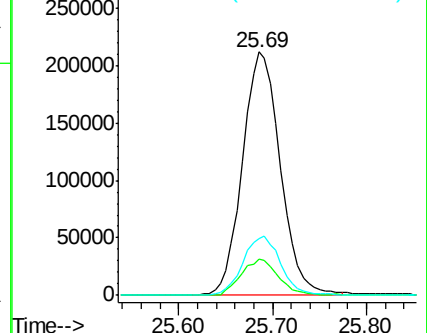
279 23.5 18.7 28.1



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: 8.463 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

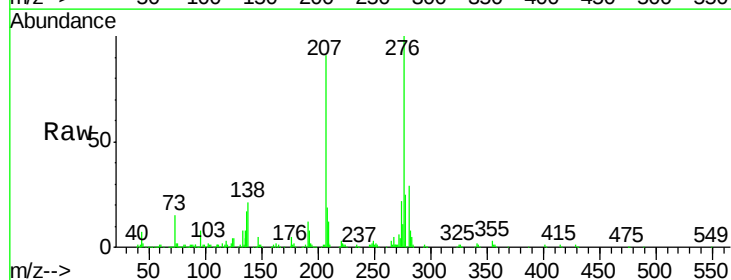
Tgt Ion:276 Resp: 587632

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 20.5 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

