

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062019\
 Data File : BM021070.D
 Acq On : 21 Jun 2019 01:33
 Operator : HP/JU
 Sample : K2241-09
 Misc : LOD-W-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Quant Time: Jun 21 04:16:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	205881	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	915925	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	633177	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1597035	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1825652	20.00	ng	0.00
87) Perylene-d12	23.62	264	2108358	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	381791	33.58	ng	0.00
7) Phenol-d6	6.95	99	551375	33.30	ng	0.00
23) Nitrobenzene-d5	8.94	82	356237	20.27	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	398612	33.55	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	1077717	20.92	ng	0.00
79) Terphenyl-d14	19.79	244	2122847	21.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	37000	8.637	ng	96
3) Pyridine	3.73	79	86513	7.023	ng	97
4) n-Nitrosodimethylamine	3.64	42	33733	7.112	ng	# 88
6) Aniline	7.12	93	160598	7.282	ng	98
8) 2-Chlorophenol	7.34	128	107097	7.653	ng	94
9) Benzaldehyde	6.93	77	102072	7.546	ng	98
10) Phenol	6.97	94	130084	7.690	ng	99
11) bis(2-Chloroethyl)ether	7.21	93	101528	7.581	ng	98
12) 1,3-Dichlorobenzene	7.66	146	128589	7.585	ng	98
13) 1,4-Dichlorobenzene	7.81	146	130367	7.563	ng	98
14) 1,2-Dichlorobenzene	8.13	146	126205	7.471	ng	100
15) Benzyl Alcohol	8.02	79	95941	7.156	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	137315	7.927	ng	99
17) 2-Methylphenol	8.22	107	89388	7.398	ng	99
18) Hexachloroethane	8.85	117	45991	7.431	ng	93
19) n-Nitroso-di-n-propylamine	8.58	70	95319	7.911	ng	99
20) 3+4-Methylphenols	8.54	107	121969	7.334	ng	98
22) Acetophenone	8.60	105	194884	8.350	ng	# 99
24) Nitrobenzene	8.98	77	134953	7.752	ng	97
25) Isophorone	9.50	82	256756	7.808	ng	99
26) 2-Nitrophenol	9.69	139	56247	6.598	ng	95
27) 2,4-Dimethylphenol	9.74	122	103716	8.342	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	157656	7.716	ng	99
29) 2,4-Dichlorophenol	10.22	162	114515	7.117	ng	100
30) 1,2,4-Trichlorobenzene	10.43	180	139521	7.355	ng	99
31) Naphthalene	10.62	128	389432	8.034	ng	99
32) Benzoic acid	9.83	122	38623	3.840	ng	96
33) 4-Chloroaniline	10.73	127	162922	7.404	ng	99
34) Hexachlorobutadiene	10.89	225	85269	7.120	ng	97
35) Caprolactam	11.52	113	35733	7.100	ng	95
36) 4-Chloro-3-methylphenol	11.85	107	126196	7.707	ng	98
37) 2-Methylnaphthalene	12.23	142	304881	8.175	ng	99
38) 1-Methylnaphthalene	12.45	142	292874	8.233	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	183368	7.651	ng	98

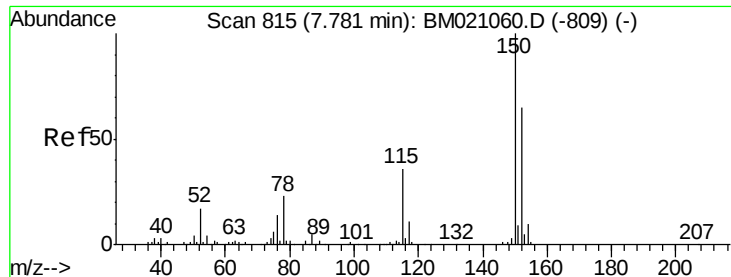
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	89242	6.424	ng	98
43) 2,4,6-Trichlorophenol	12.85	196	106068	6.688	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	115906	7.058	ng	99
46) 1,1'-Biphenyl	13.25	154	447482	8.257	ng	97
47) 2-Chloronaphthalene	13.29	162	324924	7.382	ng	99
48) 2-Nitroaniline	13.50	65	77514	6.438	ng	96
49) Acenaphthylene	14.14	152	524858	7.836	ng	99
50) Dimethylphthalate	13.87	163	444769	7.901	ng	99
51) 2,6-Dinitrotoluene	14.00	165	91026	7.516	ng	98
52) Acenaphthene	14.48	154	313682	7.762	ng	99
53) 3-Nitroaniline	14.33	138	82556	6.686	ng	93
54) 2,4-Dinitrophenol	14.55	184	36403	5.596	ng	98
55) Dibenzofuran	14.82	168	534088	8.101	ng	97
56) 4-Nitrophenol	14.64	139	67643	7.164	ng	94
57) 2,4-Dinitrotoluene	14.79	165	120257	7.191	ng	93
58) Fluorene	15.47	166	431524	8.011	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	119653	7.626	ng	97
60) Diethylphthalate	15.24	149	443753	8.003	ng	98
61) 4-Chlorophenyl-phenylether	15.46	204	236744	7.780	ng	97
62) 4-Nitroaniline	15.50	138	90445	6.979	ng	92
63) Azobenzene	15.76	77	368369	8.100	ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	55618	5.648	ng	94
66) n-Nitrosodiphenylamine	15.68	169	385003	7.648	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	148964	7.007	ng	94
68) Hexachlorobenzene	16.46	284	182353	7.180	ng	96
69) Atrazine	16.63	200	128471	7.848	ng	97
70) Pentachlorophenol	16.82	266	86142	6.295	ng	98
71) Phenanthrene	17.21	178	734848	7.984	ng	100
72) Anthracene	17.30	178	713402	7.825	ng	99
73) Carbazole	17.57	167	647601	8.033	ng	99
74) Di-n-butylphthalate	18.13	149	739140	7.490	ng	100
75) Fluoranthene	19.22	202	903839	8.504	ng	99
77) Benzidine	19.42	184	359310	6.778	ng	99
78) Pyrene	19.59	202	934218	7.056	ng	99
80) Butylbenzylphthalate	20.49	149	339679	6.436	ng	96
81) Benzo(a)anthracene	21.33	228	963252	7.740	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	365103	7.746	ng	98
83) Chrysene	21.38	228	962468	8.118	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	517641	6.892	ng	99
85) Di-n-octyl phthalate	22.14	149	900266	7.621	ng	99
86) Indeno(1,2,3-cd)pyrene	25.92	276	1168037	8.904	ng	99
88) Benzo(b)fluoranthene	22.93	252	1046443	7.357	ng	99
89) Benzo(k)fluoranthene	22.98	252	1038850	7.556	ng	99
90) Benzo(a)pyrene	23.52	252	990495	7.718	ng	100
91) Dibenzo(a,h)anthracene	25.93	278	980678	7.664	ng	100
92) Benzo(g,h,i)perylene	26.62	276	941182	7.888	ng	99

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

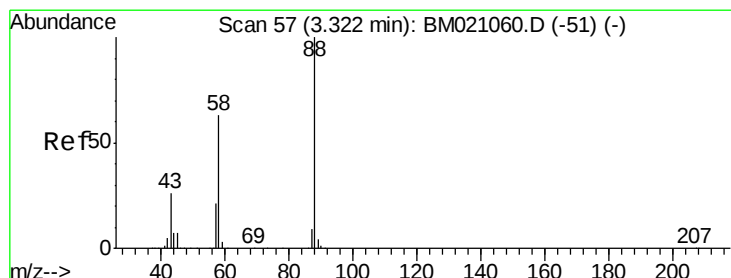
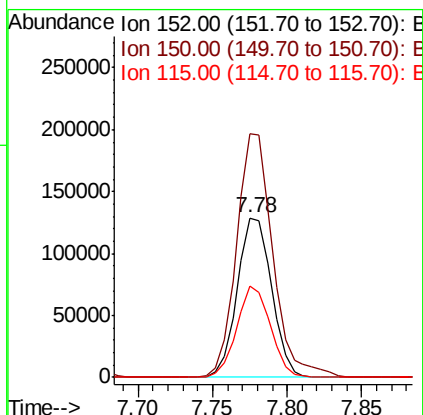
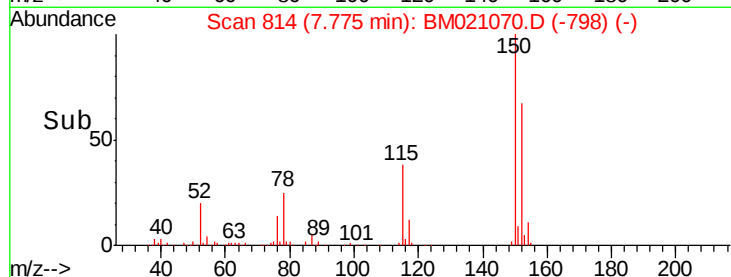
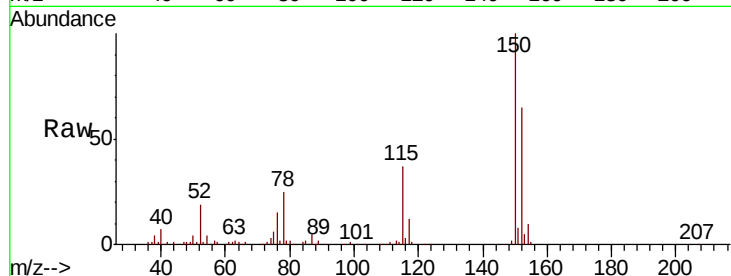


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

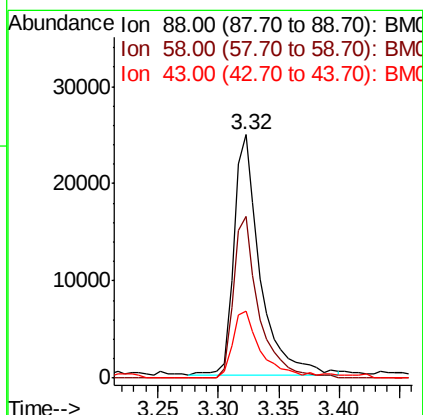
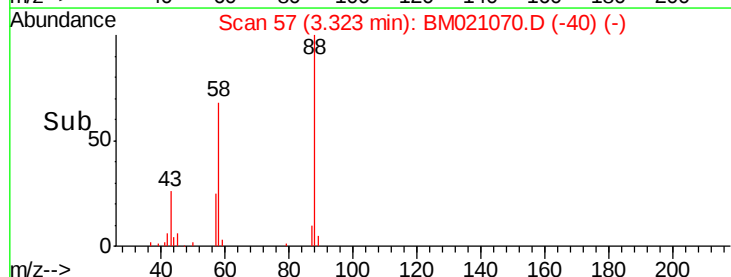
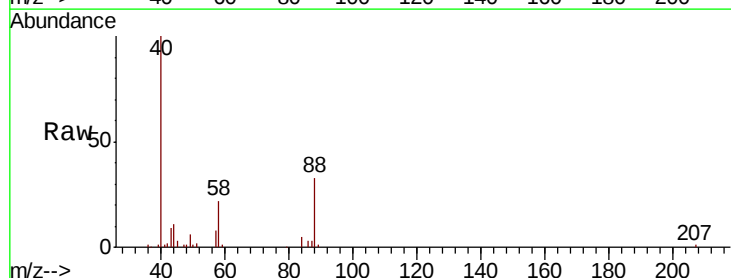
Tgt Ion:152 Resp: 205881
Ion Ratio Lower Upper
152 100
150 152.8 123.1 184.7
115 57.1 44.2 66.4

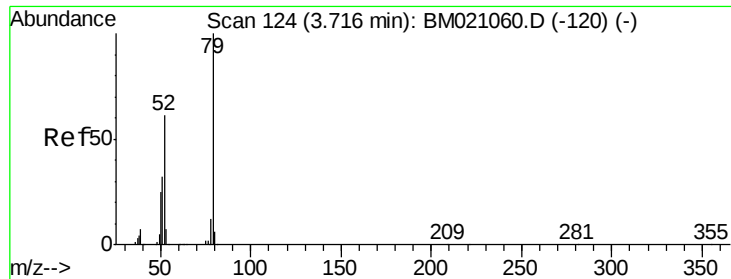


#2

1,4-Dioxane
Concen: 8.637 ng
RT: 3.32 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion: 88 Resp: 37000
Ion Ratio Lower Upper
88 100
58 66.0 51.9 77.9
43 31.6 21.4 32.2

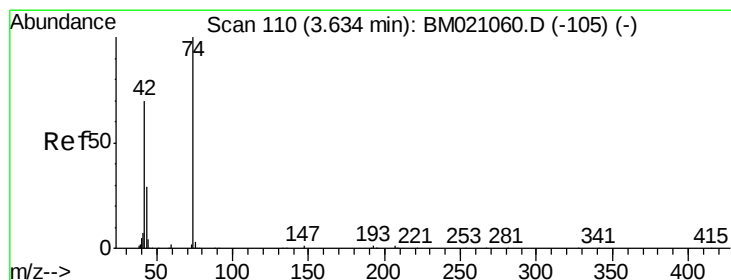
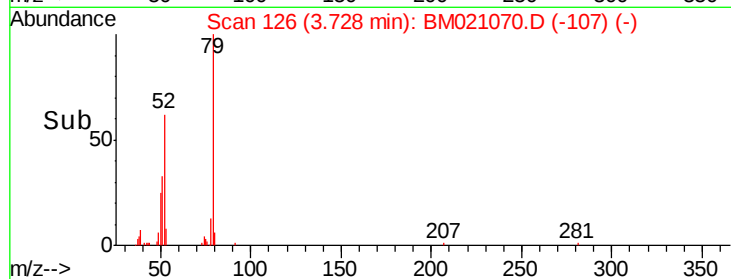
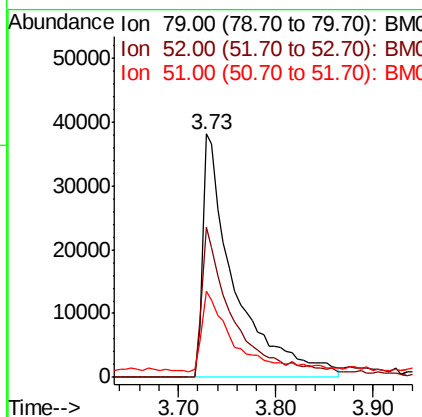
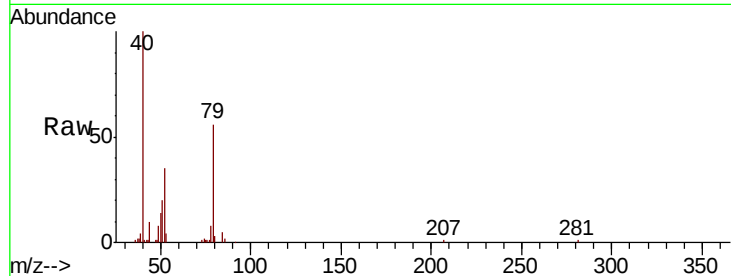




#3
 Pyridine
 Concen: 7.023 ng
 RT: 3.73 min Scan# 126
 Delta R.T. 0.01 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

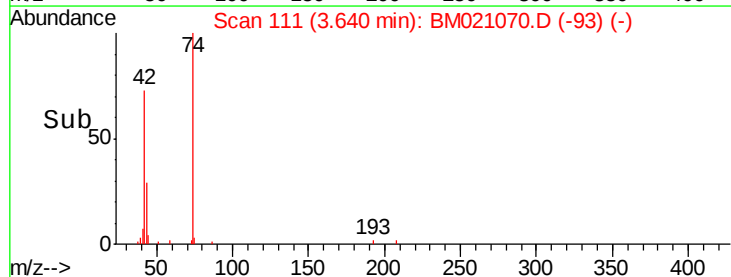
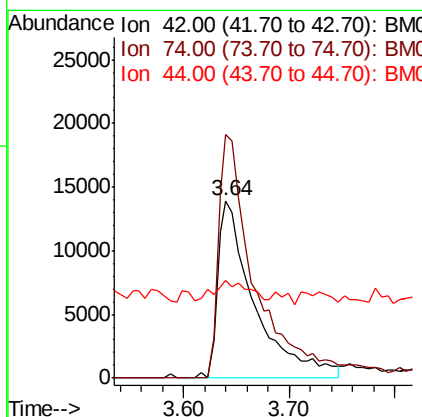
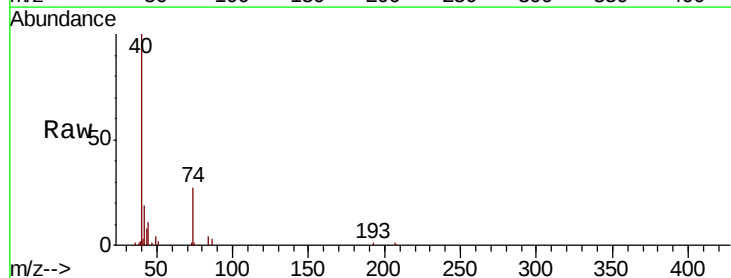
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

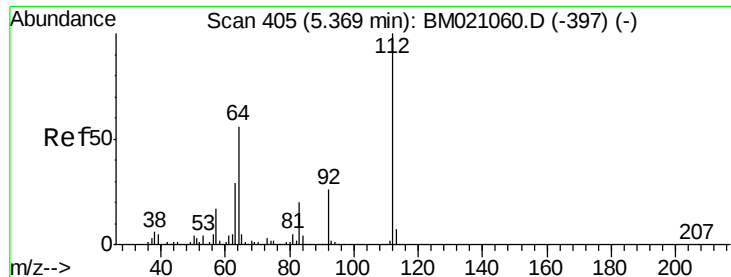
Tgt Ion: 79 Resp: 86513
 Ion Ratio Lower Upper
 79 100
 52 61.7 48.8 73.2
 51 35.6 25.7 38.5



#4
 n-Nitrosodimethylamine
 Concen: 7.112 ng
 RT: 3.64 min Scan# 111
 Delta R.T. 0.01 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

Tgt Ion: 42 Resp: 33733
 Ion Ratio Lower Upper
 42 100
 74 137.2 113.8 170.6
 44 54.8 8.2 12.2#





#5

2-Fluorophenol

Concen: 33.579 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

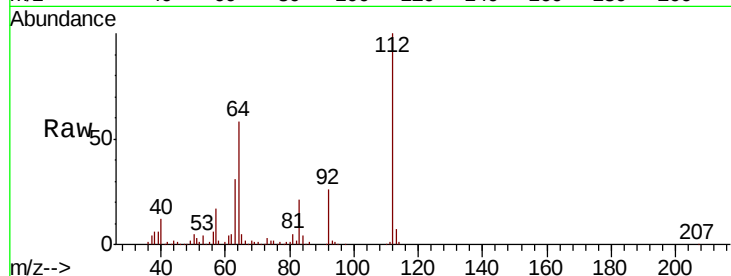
Tgt Ion: 112 Resp: 381791

Ion Ratio Lower Upper

112 100

64 58.2 45.2 67.8

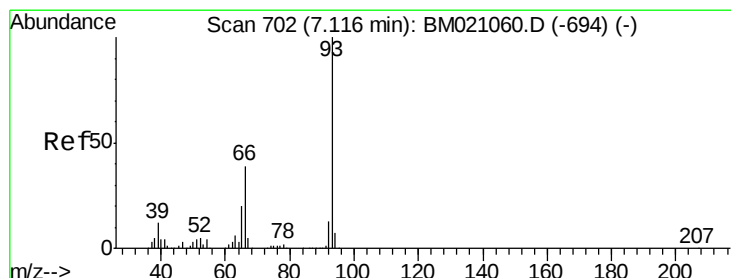
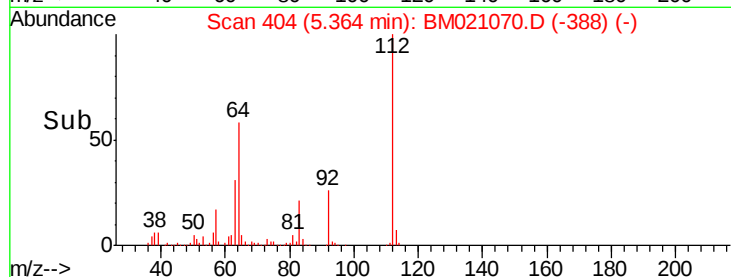
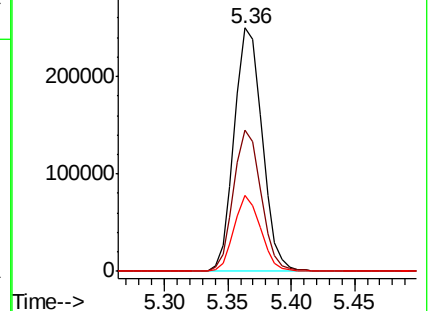
63 31.2 23.5 35.3



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: 7.282 ng

RT: 7.12 min Scan# 702

Delta R.T. 0.00 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

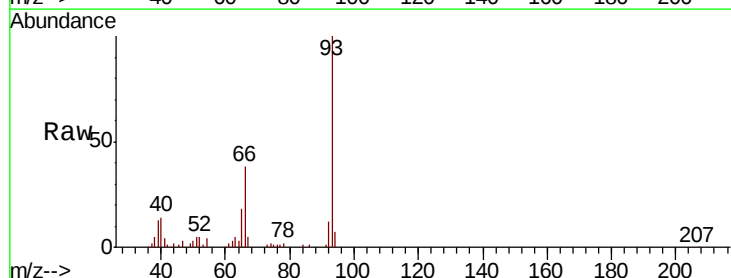
Tgt Ion: 93 Resp: 160598

Ion Ratio Lower Upper

93 100

66 38.3 31.3 46.9

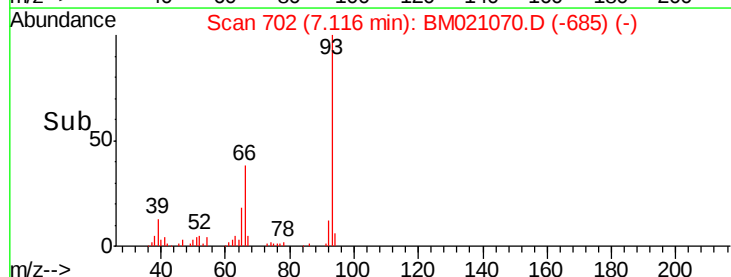
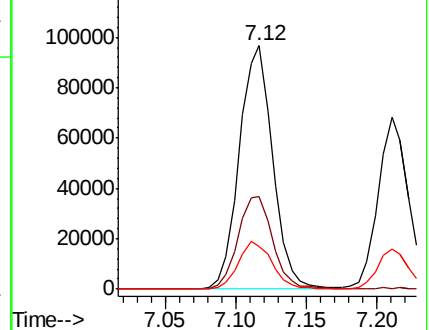
65 17.7 15.9 23.9

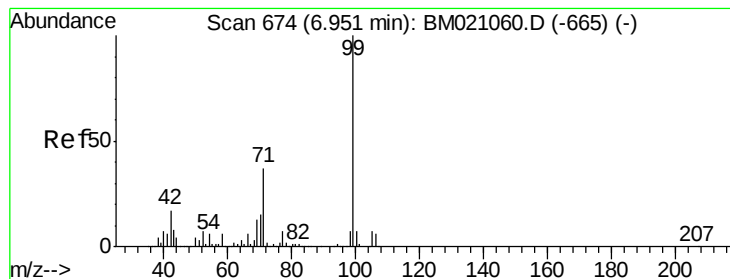


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 33.300 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

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BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

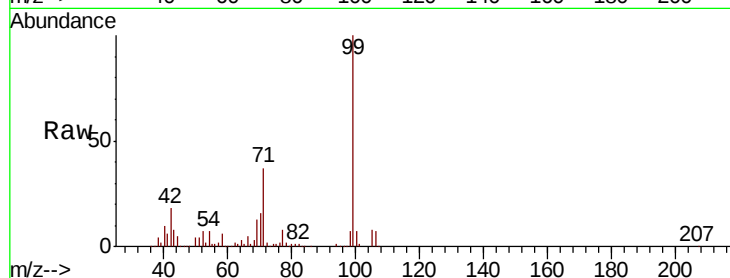
Tgt Ion: 99 Resp: 551375

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

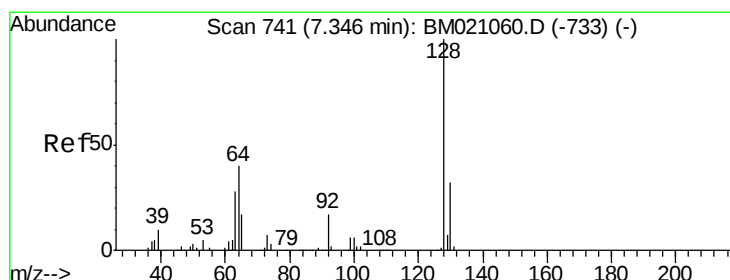
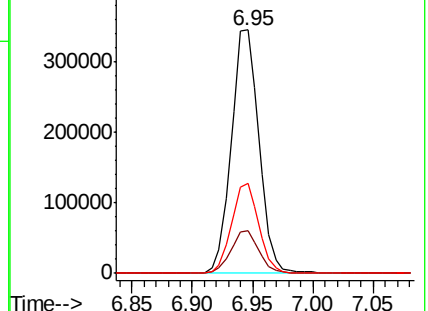
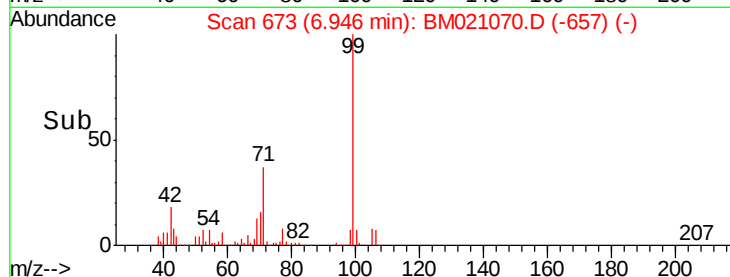
71 36.9 29.3 43.9



Abundance Ion 99.00 (98.70 to 99.70): BM021060.D (-665) (-)

Ion 42.00 (41.70 to 42.70): BM021060.D (-665) (-)

Ion 71.00 (70.70 to 71.70): BM021060.D (-665) (-)



#8

2-Chlorophenol

Concen: 7.653 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

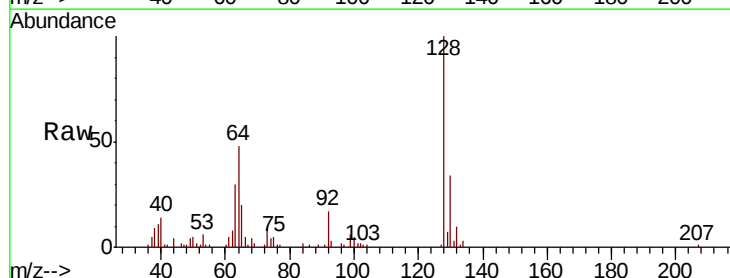
Tgt Ion: 128 Resp: 107097

Ion Ratio Lower Upper

128 100

130 34.2 12.2 52.2

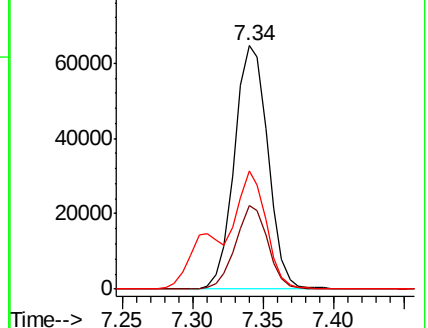
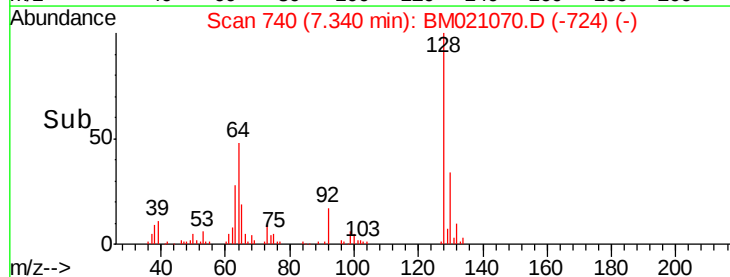
64 48.3 23.2 63.2

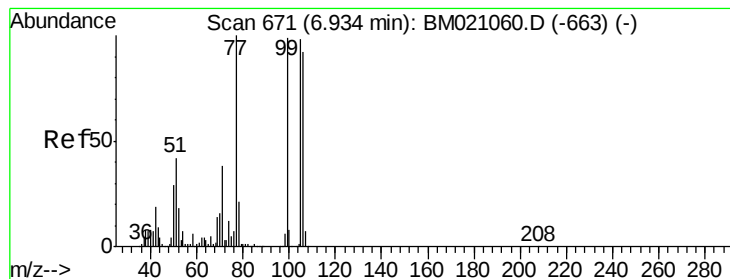


Abundance Ion 128.00 (127.70 to 128.70): BM021060.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM021060.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM021060.D (-733) (-)





#9

Benzaldehyde

Concen: 7.546 ng

RT: 6.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

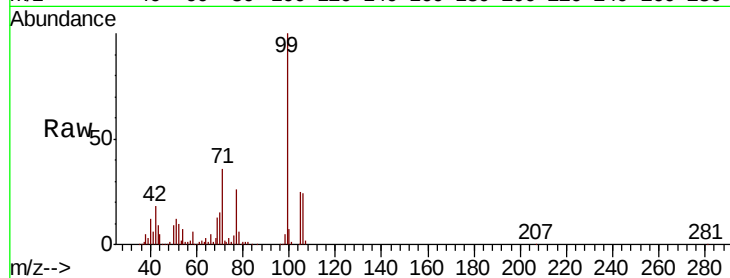
Tgt Ion: 77 Resp: 102072

Ion Ratio Lower Upper

77 100

105 95.3 77.8 117.8

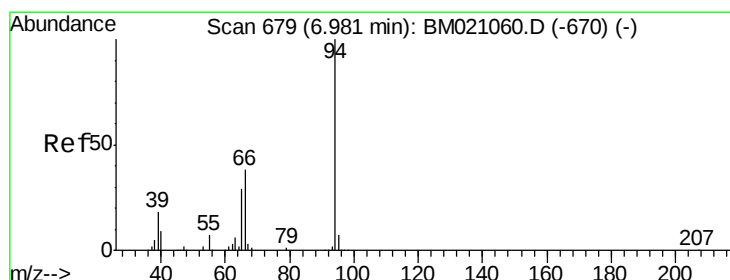
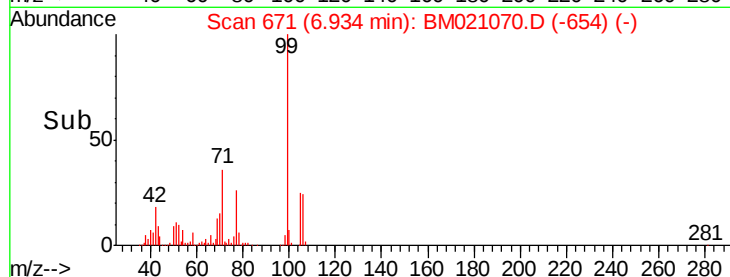
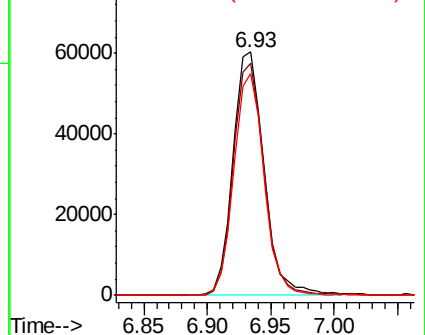
106 91.4 71.8 111.8



Abundance Ion 77.00 (76.70 to 77.70): BM021070.D (-663) (-)

Ion 105.00 (104.70 to 105.70): BM021070.D (-663) (-)

Ion 106.00 (105.70 to 106.70): BM021070.D (-663) (-)



#10

Phenol

Concen: 7.690 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

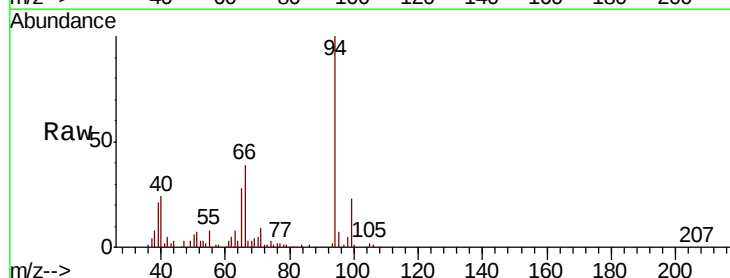
Tgt Ion: 94 Resp: 130084

Ion Ratio Lower Upper

94 100

65 27.8 8.7 48.7

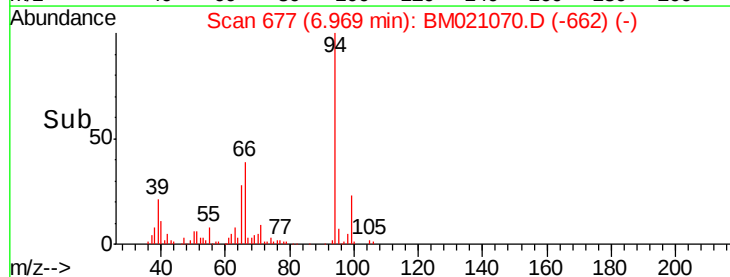
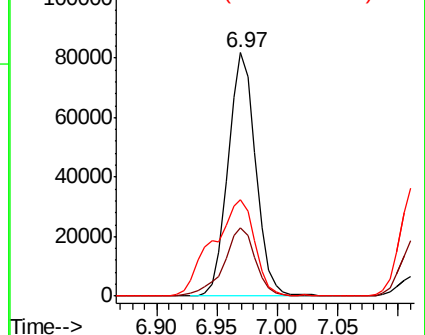
66 39.4 19.0 59.0

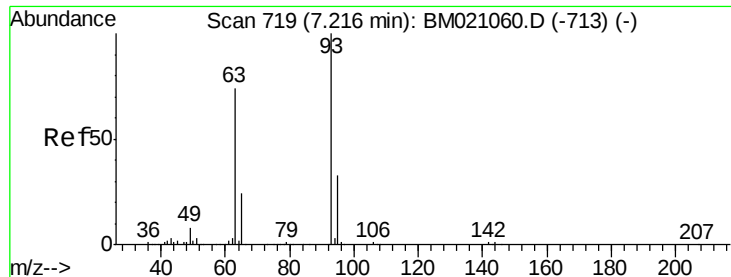


Abundance Ion 94.00 (93.70 to 94.70): BM021070.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM021070.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM021070.D (-662) (-)





#11

bis(2-Chloroethyl)ether

Concen: 7.581 ng

RT: 7.21 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

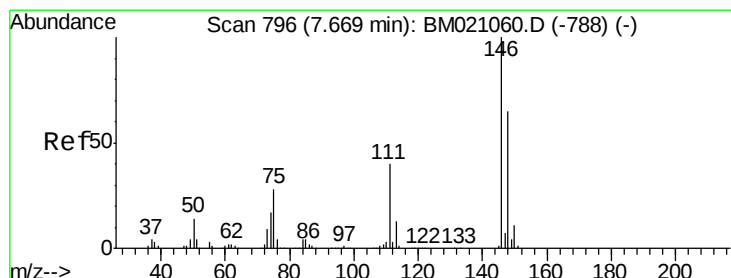
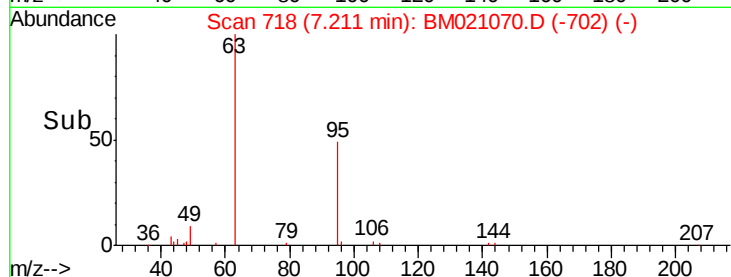
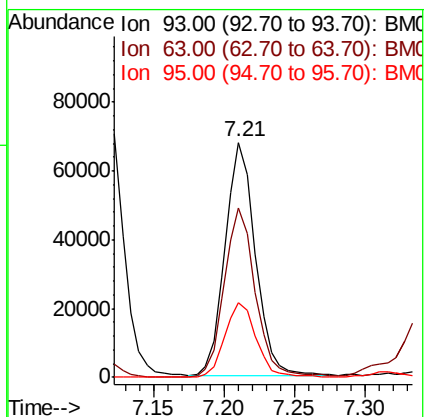
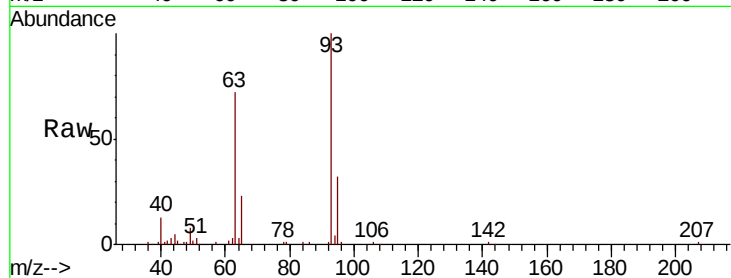
Tgt Ion: 93 Resp: 101528

Ion Ratio Lower Upper

93 100

63 72.2 53.4 93.4

95 31.9 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 7.585 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

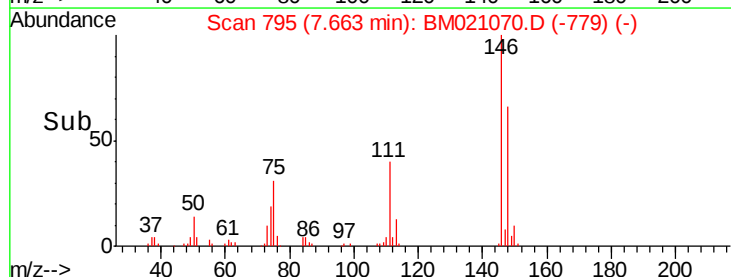
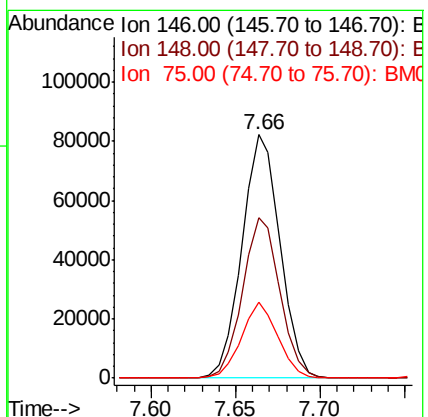
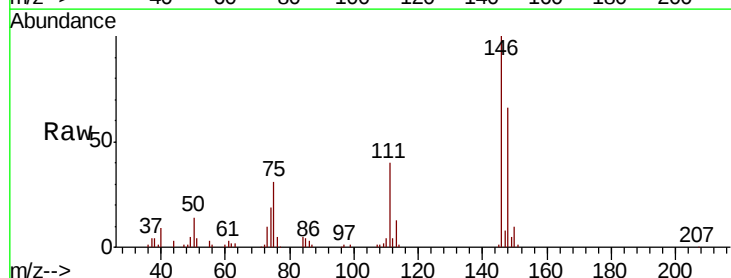
Tgt Ion: 146 Resp: 128589

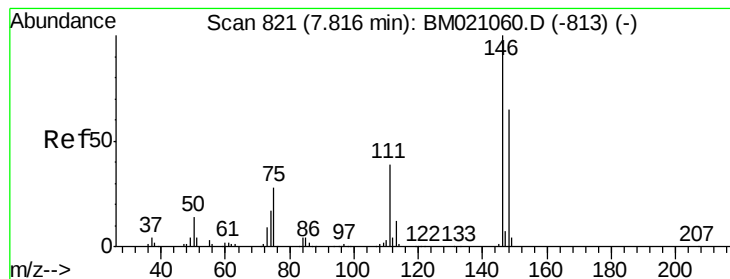
Ion Ratio Lower Upper

146 100

148 65.8 52.2 78.2

75 31.1 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 7.563 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

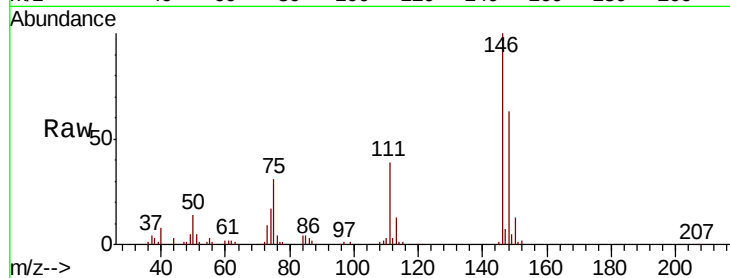
Tgt Ion:146 Resp: 130367

Ion Ratio Lower Upper

146 100

148 62.9 51.9 77.9

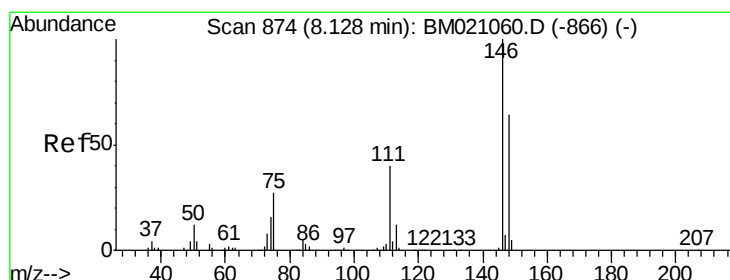
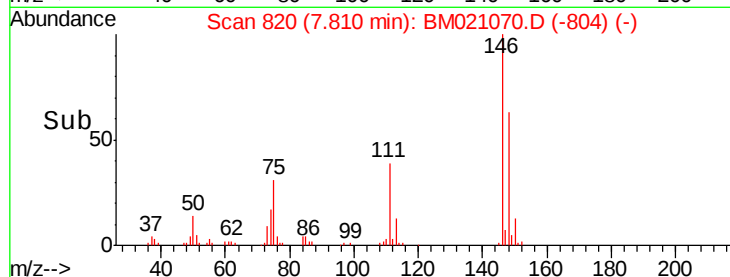
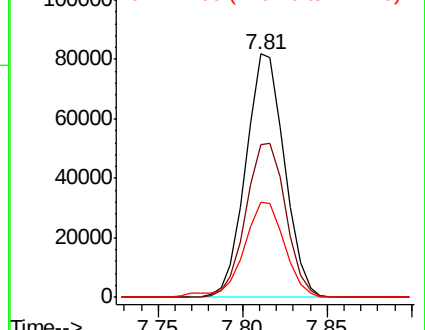
111 39.3 31.4 47.0



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: 7.471 ng

RT: 8.13 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

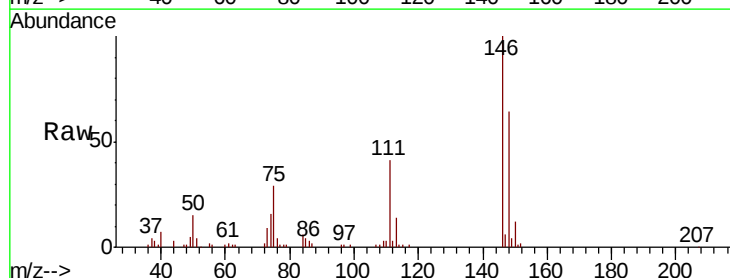
Tgt Ion:146 Resp: 126205

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

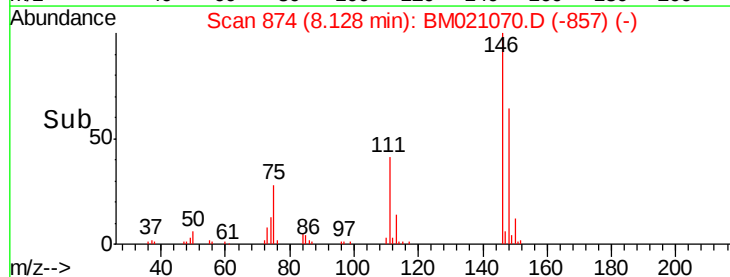
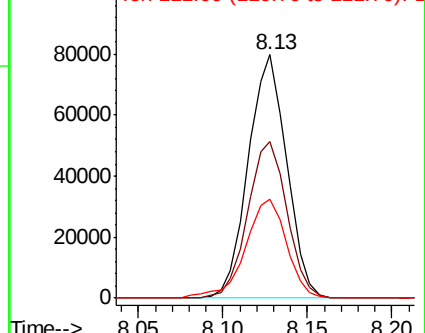
111 40.8 32.8 49.2

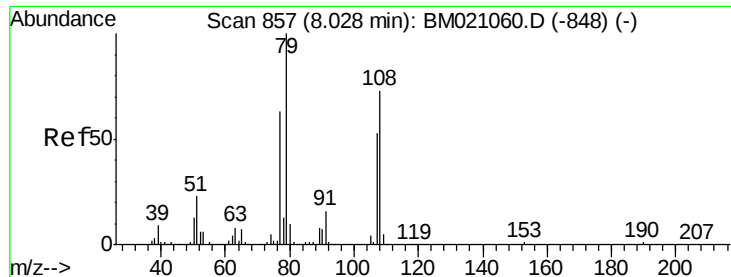


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 7.156 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

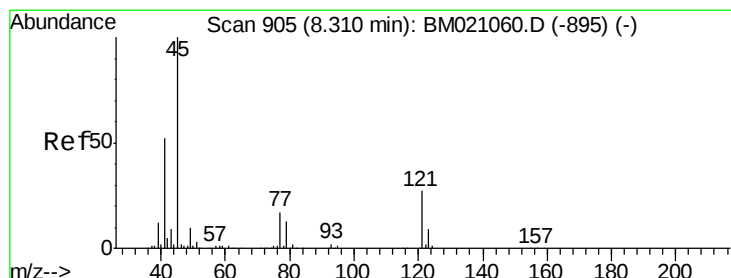
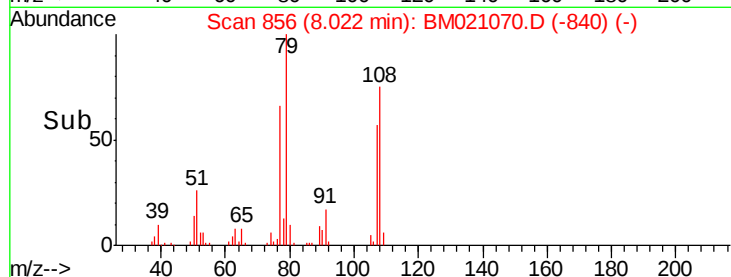
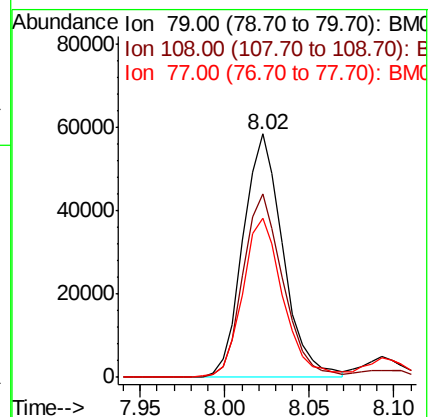
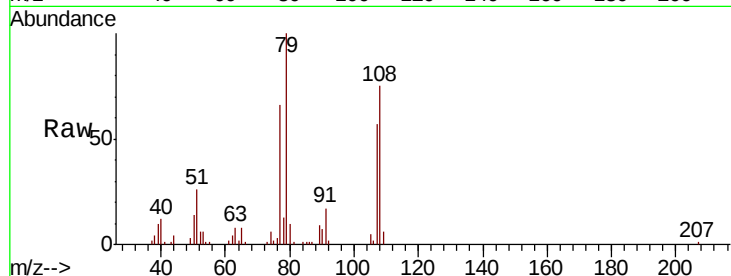
Tgt Ion: 79 Resp: 95941

Ion Ratio Lower Upper

79 100

108 75.4 58.4 87.6

77 65.6 50.1 75.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.927 ng

RT: 8.30 min Scan# 903

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

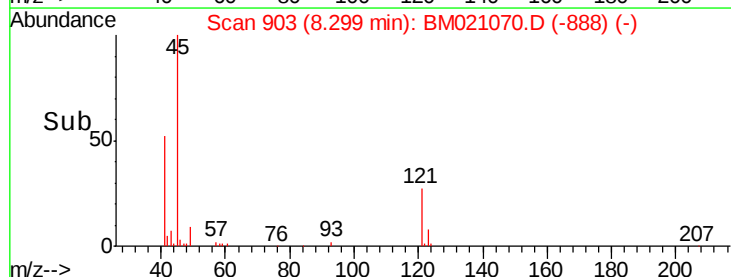
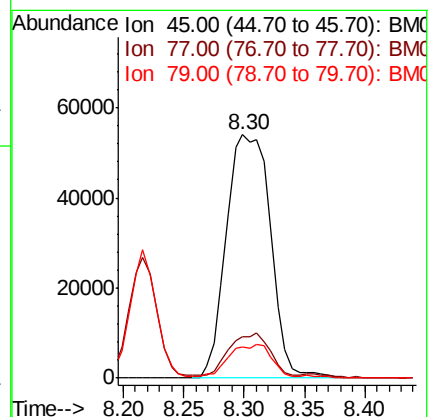
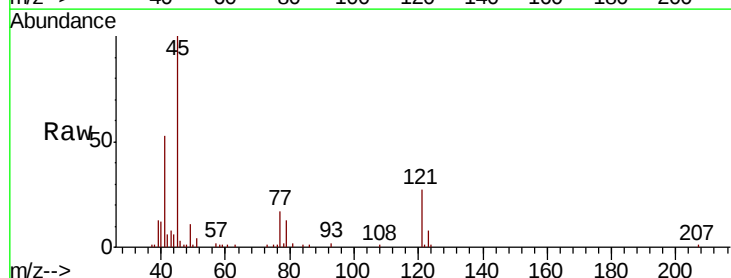
Tgt Ion: 45 Resp: 137315

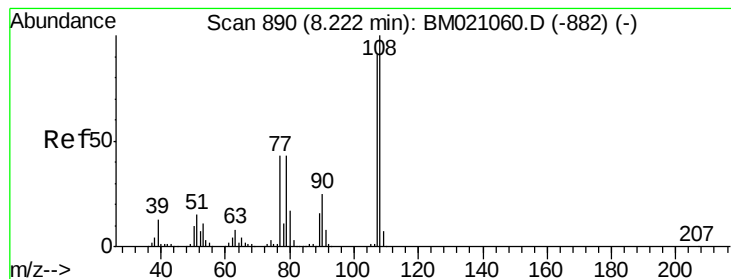
Ion Ratio Lower Upper

45 100

77 17.2 0.0 37.5

79 12.7 0.0 33.5





#17

2-Methylphenol

Concen: 7.398 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tgt Ion:107 Resp: 89388

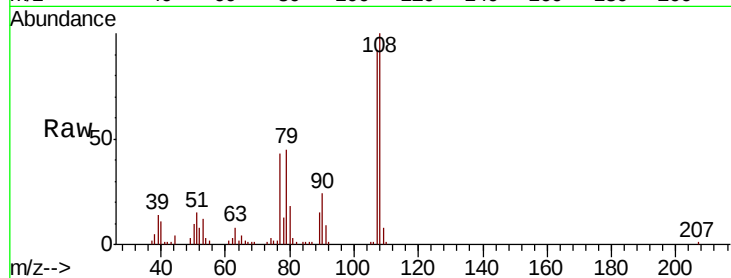
Ion Ratio Lower Upper

107 100

108 109.0 87.5 131.3

77 46.3 37.8 56.8

79 49.2 37.5 56.3



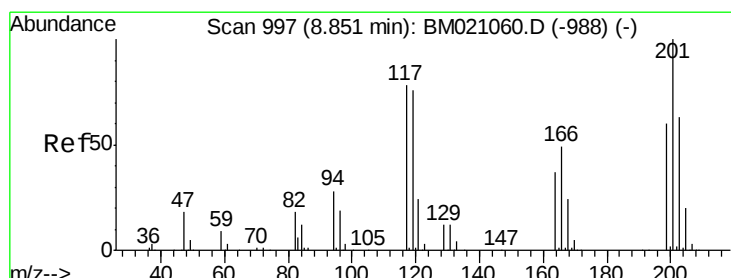
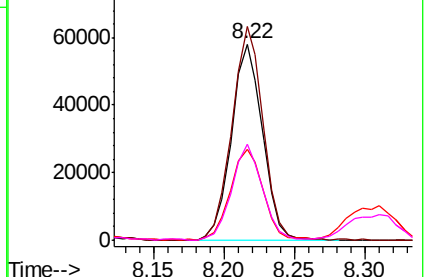
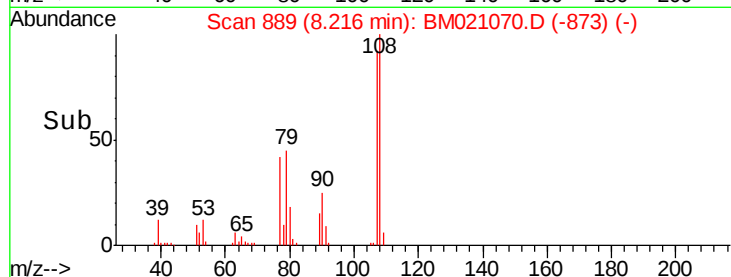
Abundance

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): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 7.431 ng

RT: 8.85 min Scan# 996

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

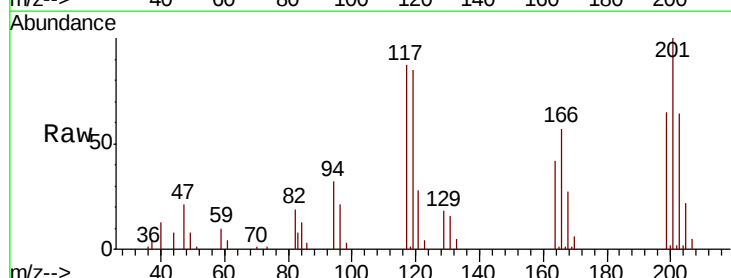
Tgt Ion:117 Resp: 45991

Ion Ratio Lower Upper

117 100

119 98.1 77.5 116.3

201 115.6 102.3 153.5

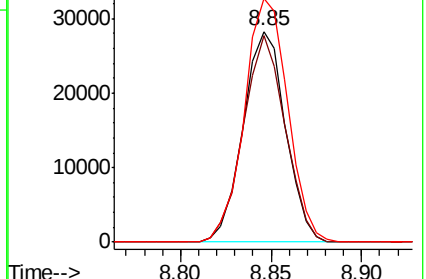
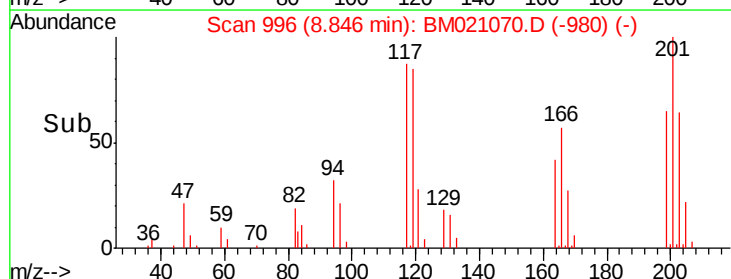


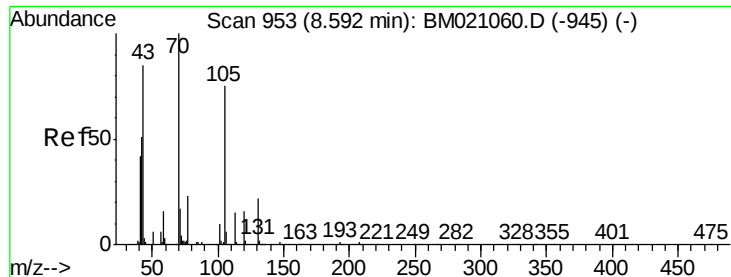
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

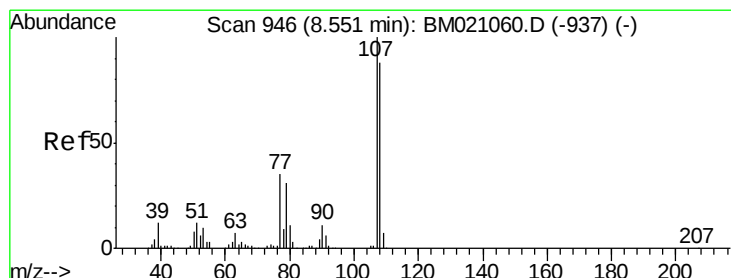
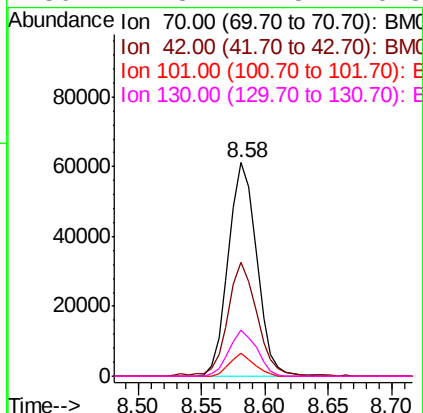
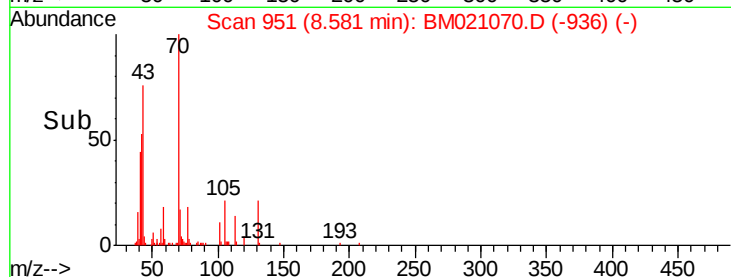
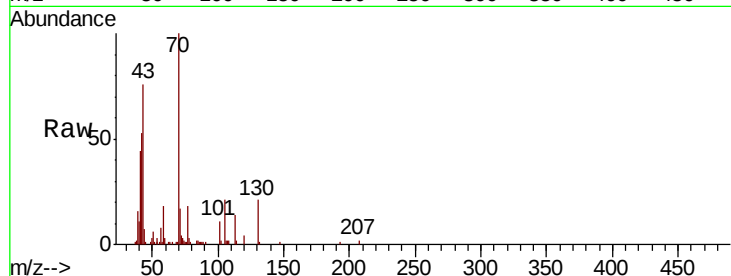




#19
n-Nitroso-di-n-propylamine
Concen: 7.911 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

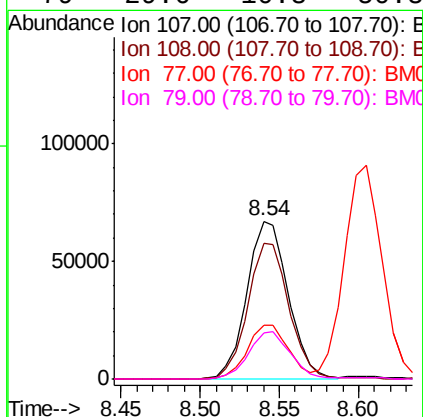
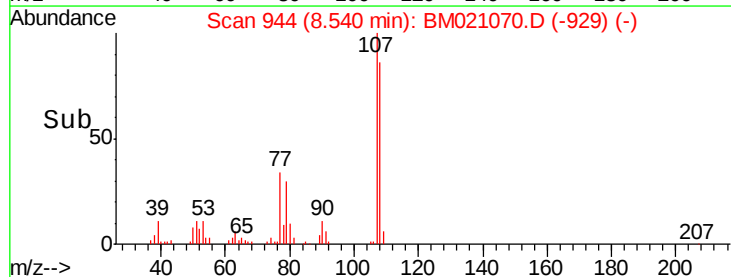
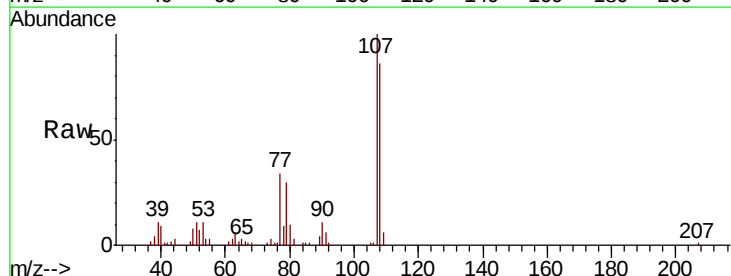
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

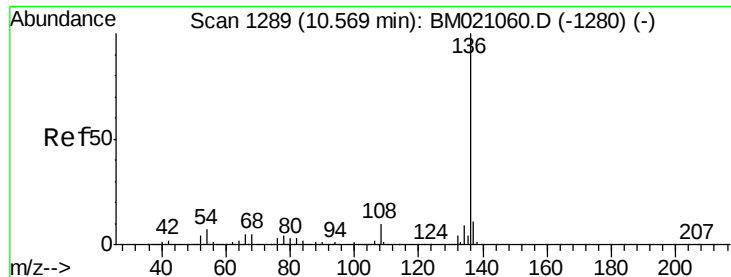
Tgt Ion:	70	Resp:	95319
Ion	Ratio	Lower	Upper
70	100		
42	53.2	41.9	62.9
101	10.7	8.1	12.1
130	21.3	17.5	26.3



#20
3+4-Methylphenols
Concen: 7.334 ng
RT: 8.54 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion:	107	Resp:	121969
Ion	Ratio	Lower	Upper
107	100		
108	86.2	67.9	107.9
77	33.7	14.6	54.6
79	29.6	10.8	50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tgt Ion:136 Resp: 915925

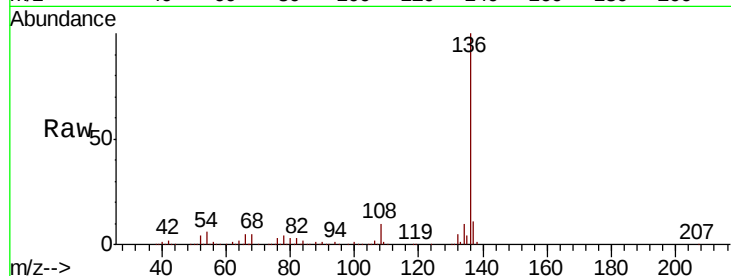
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.3 5.3 7.9

68 5.2 4.4 6.6

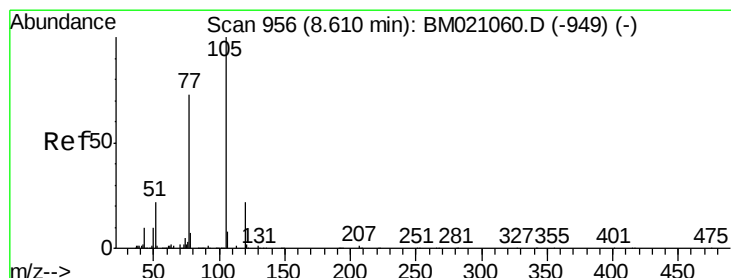
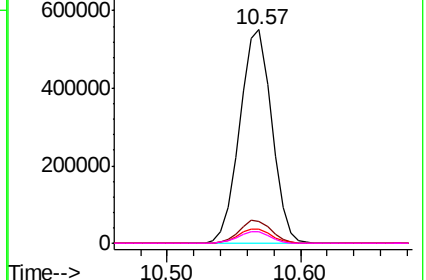
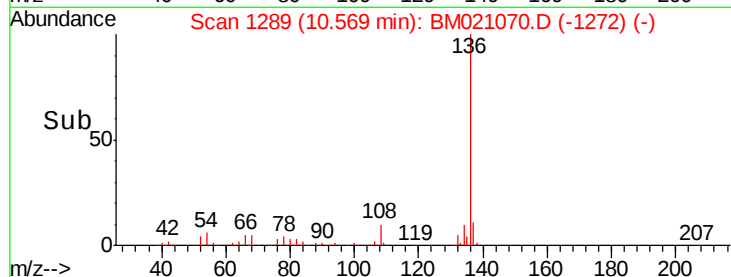


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.350 ng

RT: 8.60 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Tgt Ion:105 Resp: 194884

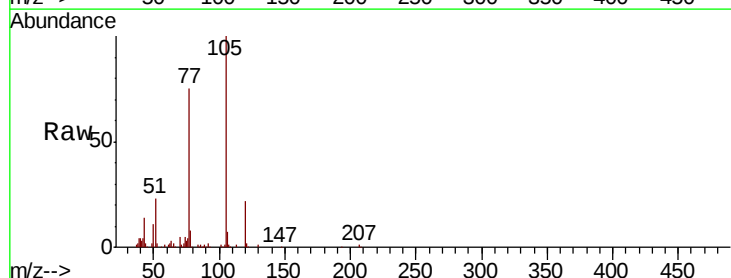
Ion Ratio Lower Upper

105 100

71 1.0 1.2 1.8#

51 23.5 19.1 28.7

120 22.2 17.9 26.9

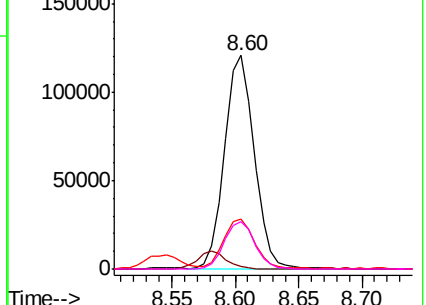
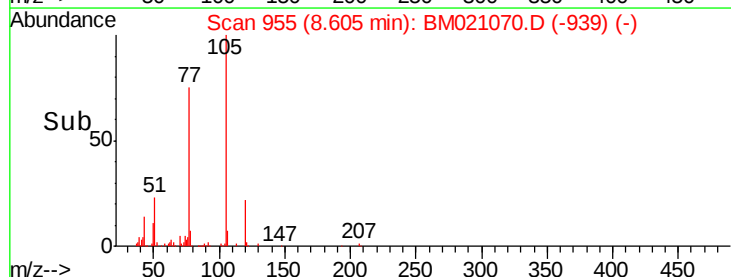


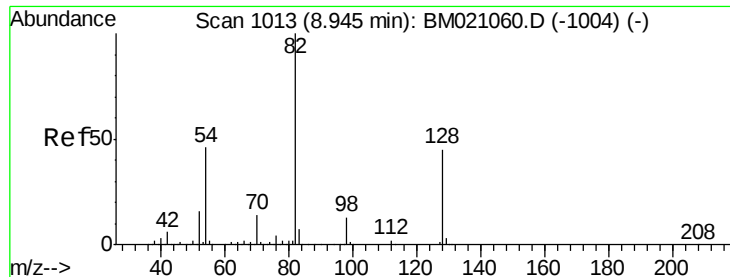
Abundance Ion 105.00 (104.70 to 105.70): E

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

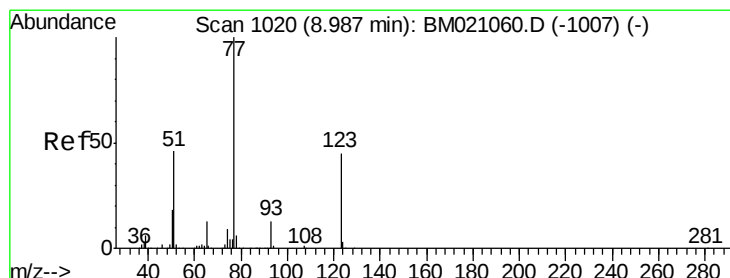
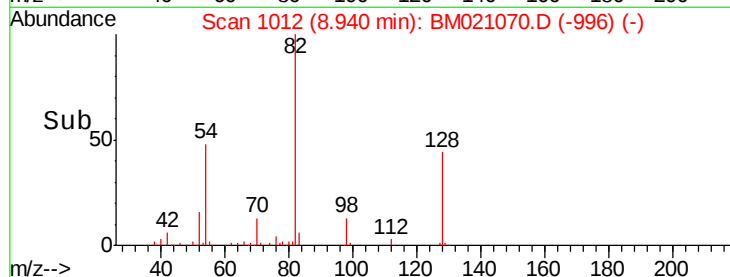
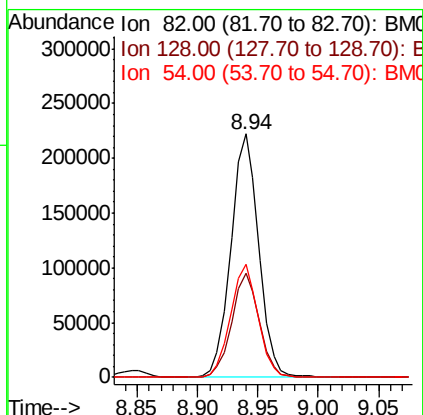
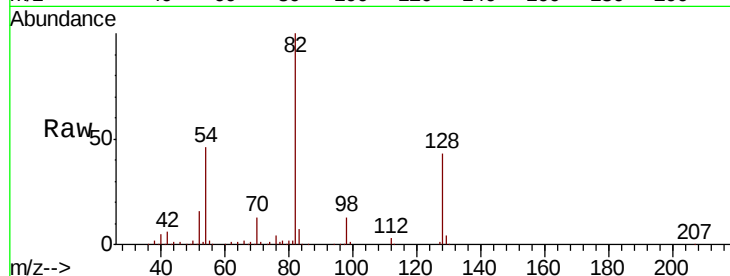




#23
 Nitrobenzene-d5
 Concen: 20.270 ng
 RT: 8.94 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

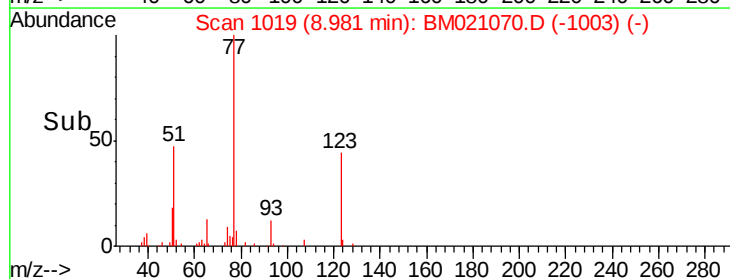
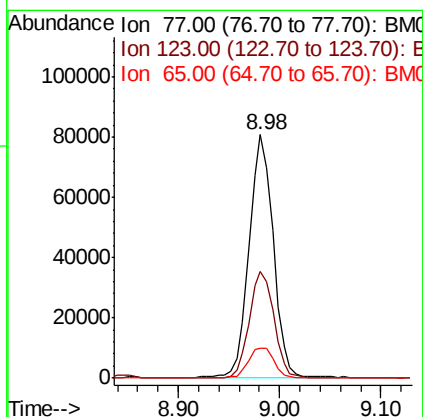
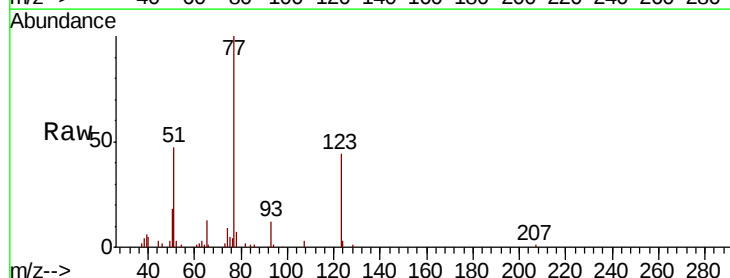
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

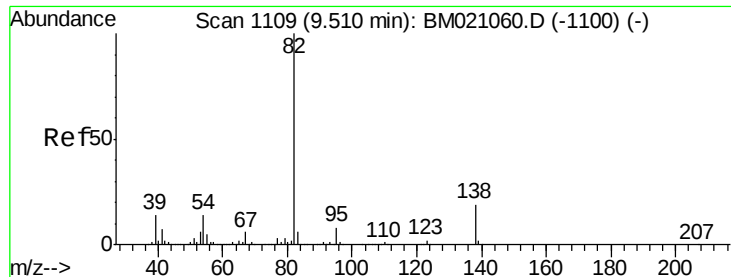
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.9	53.9
54	46.4	36.6	55.0



#24
 Nitrobenzene
 Concen: 7.752 ng
 RT: 8.98 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	36.3	54.5
65	12.5	10.6	16.0





#25

Isophorone

Concen: 7.808 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

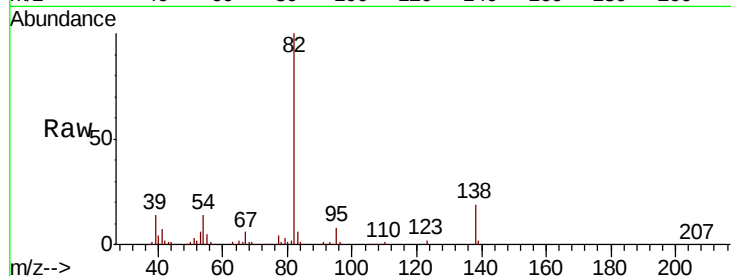
Tgt Ion: 82 Resp: 256756

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

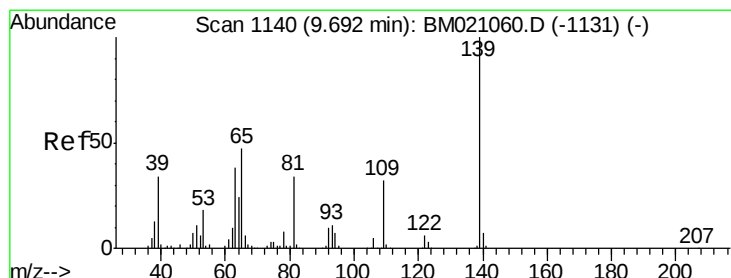
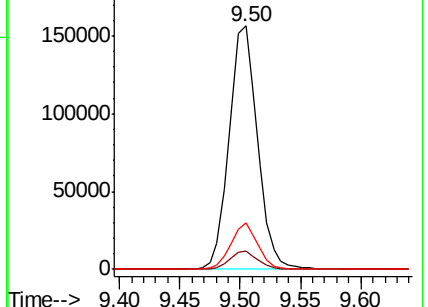
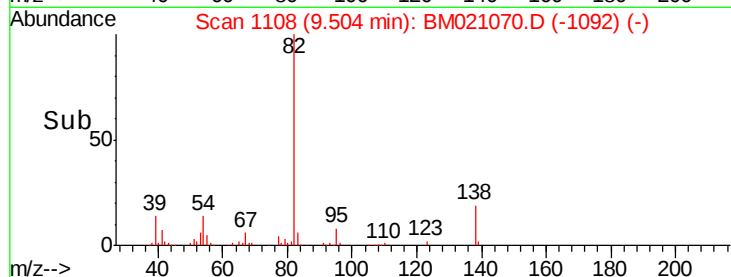
138 19.2 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BM021070.D (-1092) (-)

Ion 95.00 (94.70 to 95.70): BM021070.D (-1092) (-)

Ion 138.00 (137.70 to 138.70): BM021070.D (-1092) (-)



#26

2-Nitrophenol

Concen: 6.598 ng

RT: 9.69 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

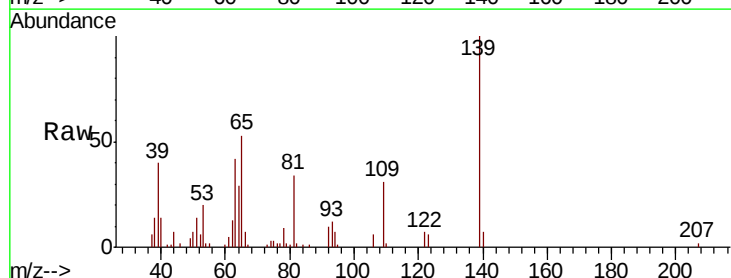
Tgt Ion: 139 Resp: 56247

Ion Ratio Lower Upper

139 100

109 31.4 25.2 37.8

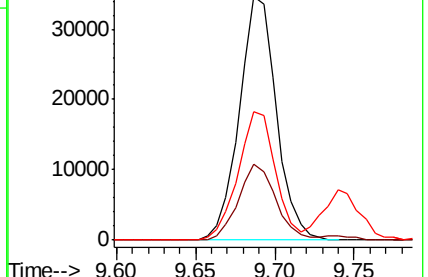
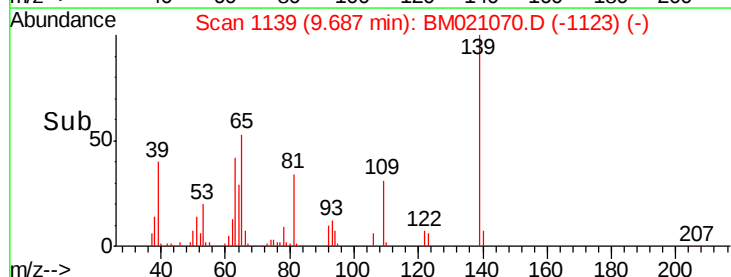
65 52.6 37.4 56.0

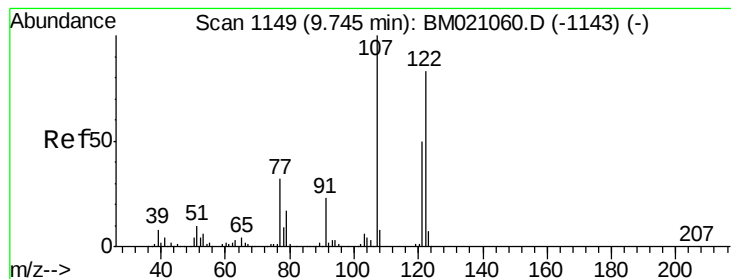


Abundance Ion 139.00 (138.70 to 139.70): BM021070.D (-1123) (-)

Ion 109.00 (108.70 to 109.70): BM021070.D (-1123) (-)

Ion 65.00 (64.70 to 65.70): BM021070.D (-1123) (-)





#27

2,4-Dimethylphenol

Concen: 8.342 ng

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

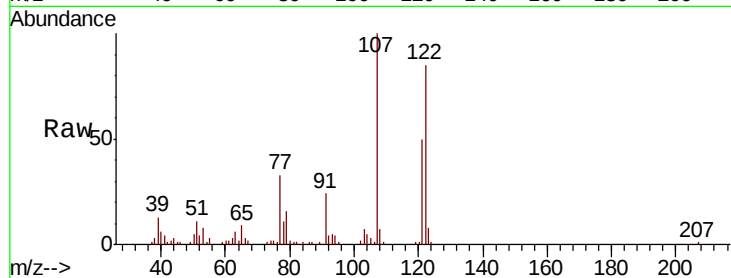
Tgt Ion:122 Resp: 103716

Ion Ratio Lower Upper

122 100

107 118.0 95.3 142.9

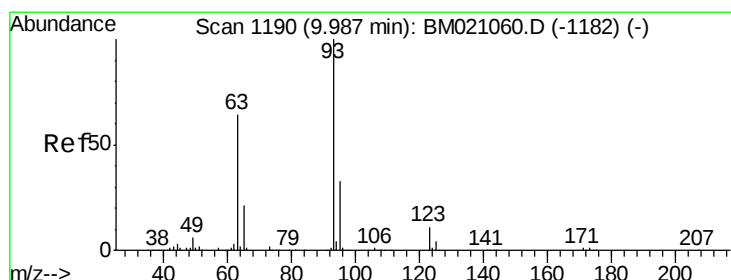
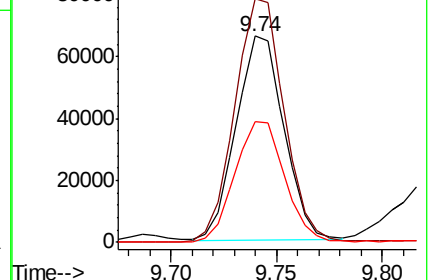
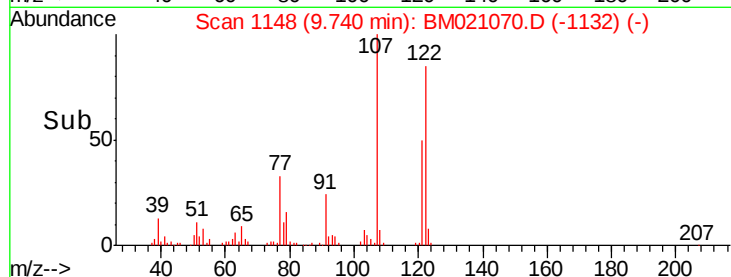
121 58.7 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 7.716 ng

RT: 9.99 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

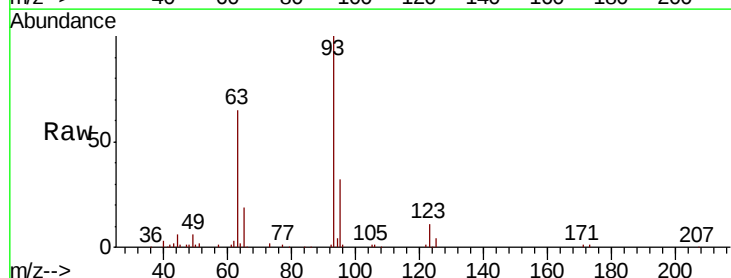
Tgt Ion: 93 Resp: 157656

Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

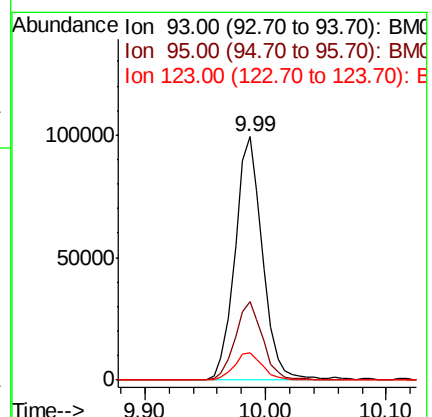
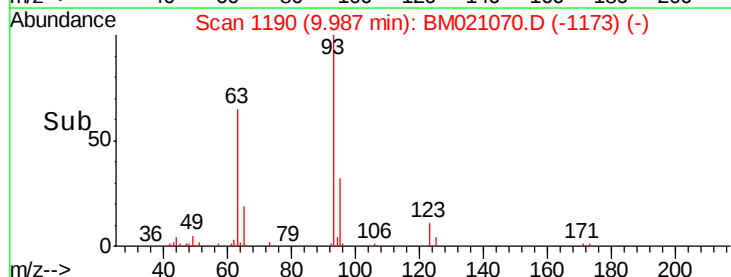
123 11.1 9.0 13.4

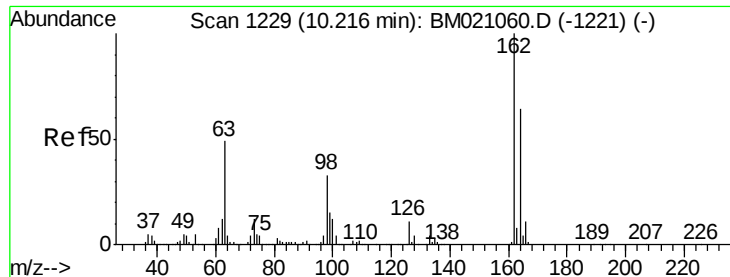


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

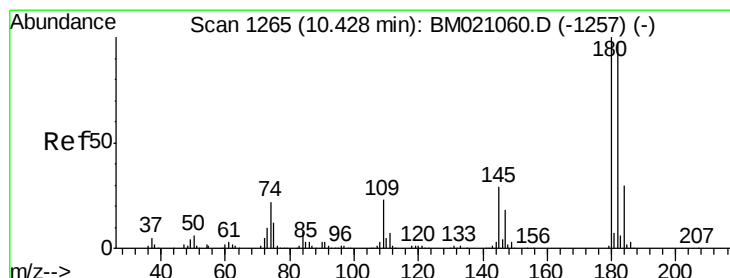
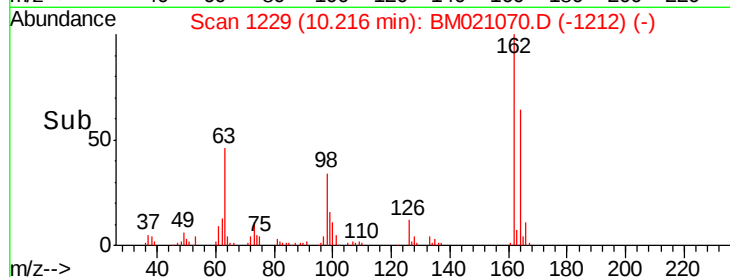
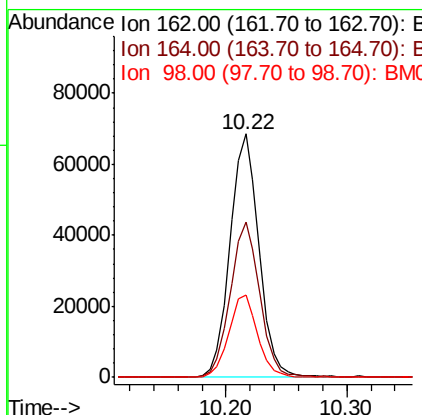
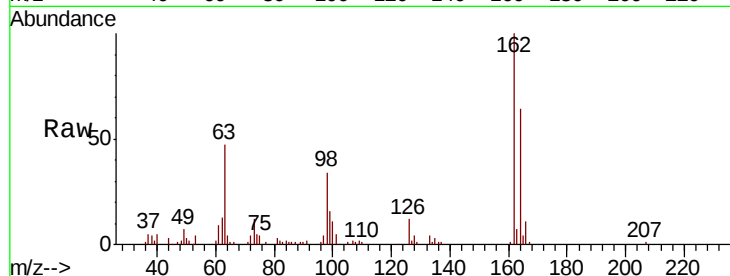




#29
2,4-Dichlorophenol
Concen: 7.117 ng
RT: 10.22 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

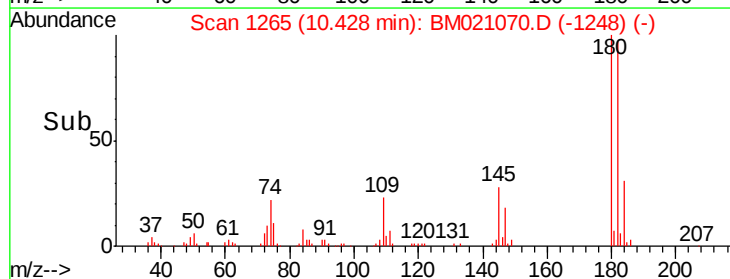
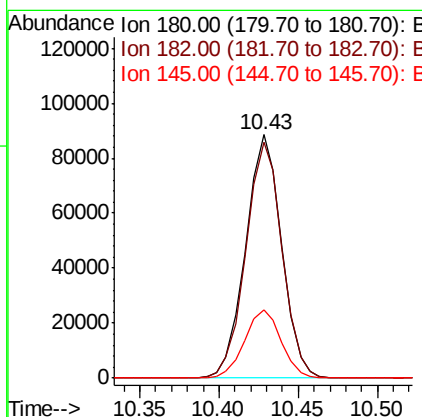
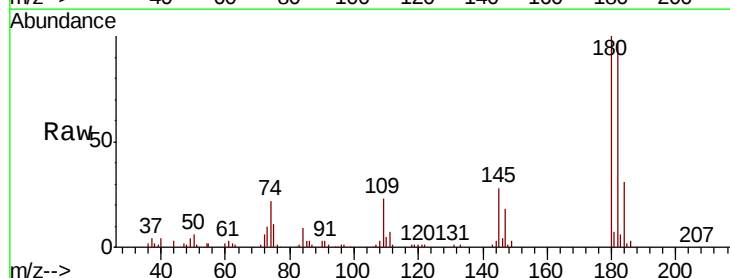
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

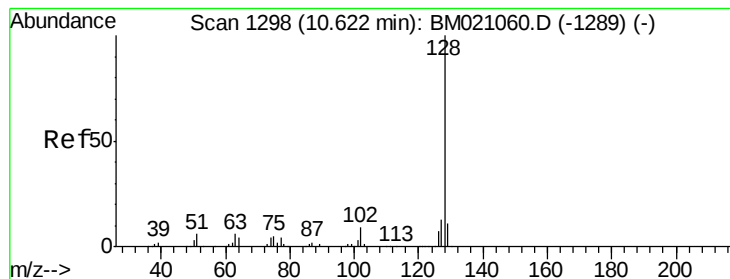
Tgt Ion:162 Resp: 114515
Ion Ratio Lower Upper
162 100
164 64.0 43.7 83.7
98 33.7 13.4 53.4



#30
1,2,4-Trichlorobenzene
Concen: 7.355 ng
RT: 10.43 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion:180 Resp: 139521
Ion Ratio Lower Upper
180 100
182 97.0 78.0 117.0
145 28.3 23.4 35.0





#31

Naphthalene

Concen: 8.034 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

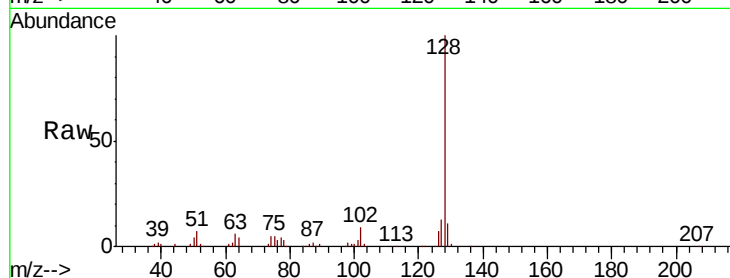
Tgt Ion:128 Resp: 389432

Ion Ratio Lower Upper

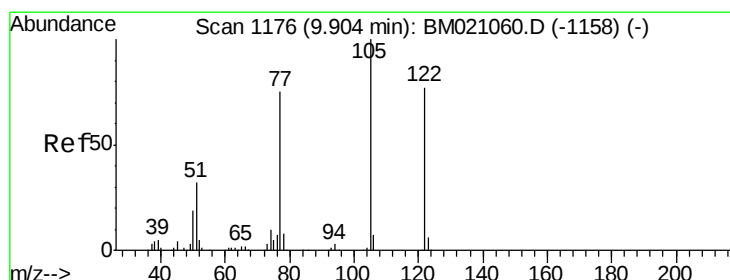
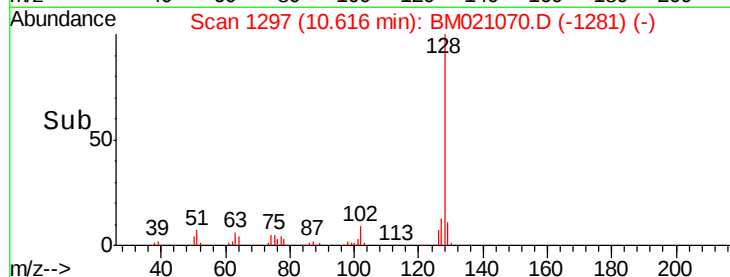
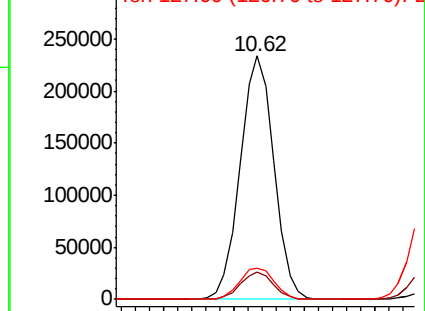
128 100

129 11.0 8.6 13.0

127 13.0 10.8 16.2



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



#32

Benzoic acid

Concen: 3.840 ng

RT: 9.83 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

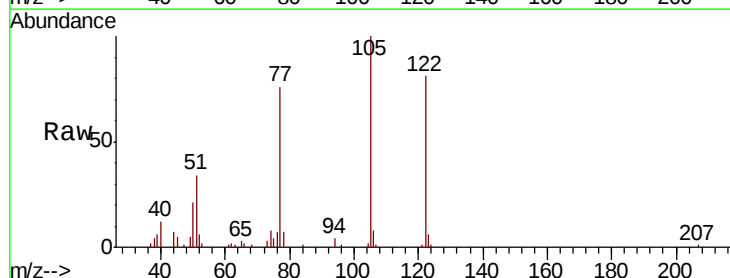
Tgt Ion:122 Resp: 38623

Ion Ratio Lower Upper

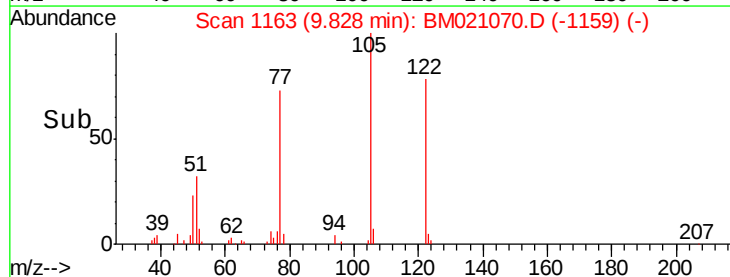
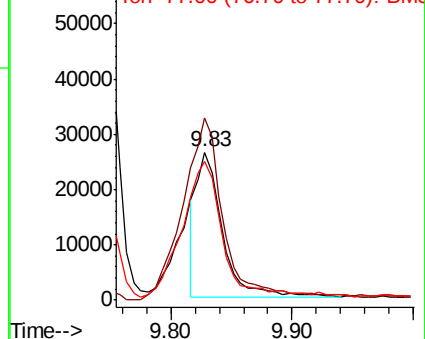
122 100

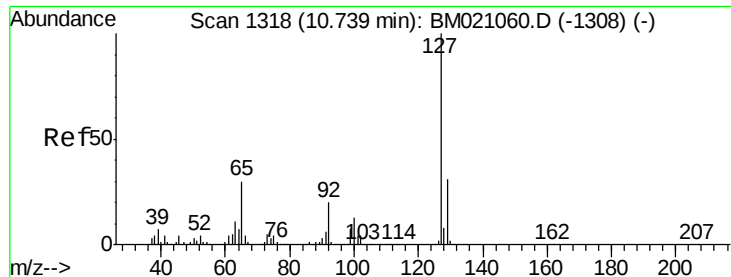
105 123.4 108.9 148.9

77 94.1 76.7 116.7



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

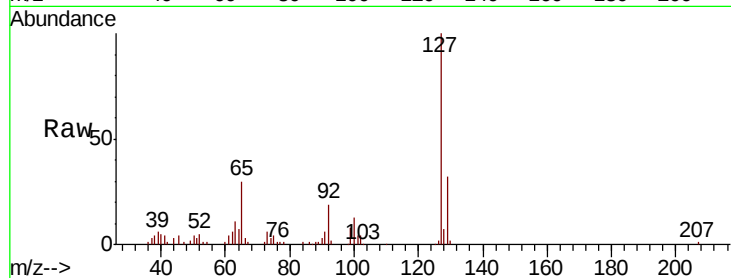




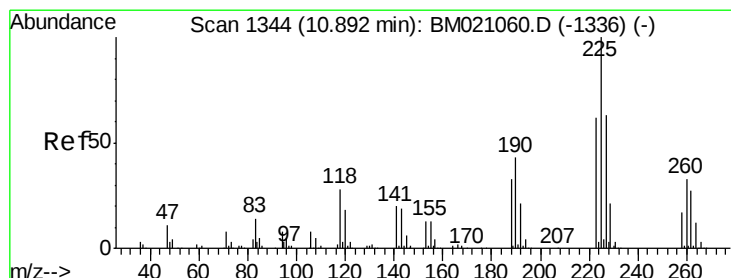
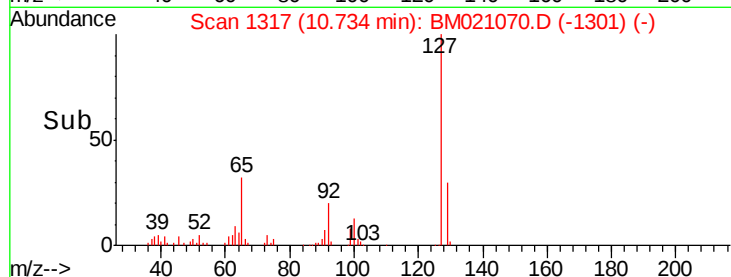
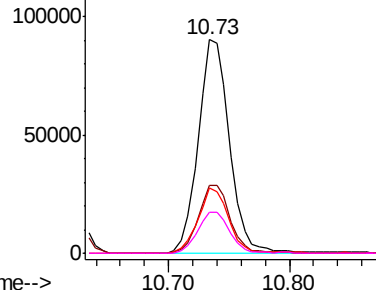
#33
4-Chloroaniline
Concen: 7.404 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tgt Ion:	127	Resp:	162922
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.1	37.7
65	30.5	23.8	35.8
92	19.2	15.7	23.5

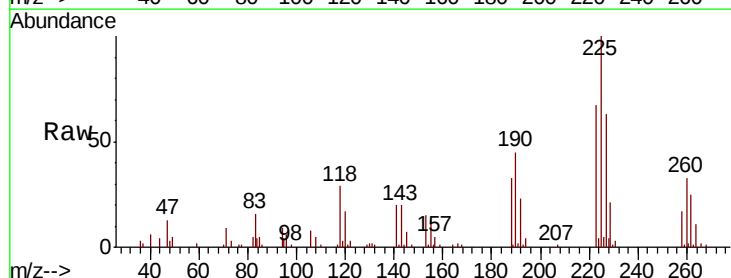


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

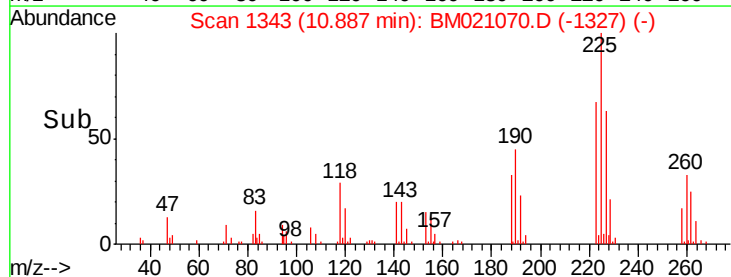
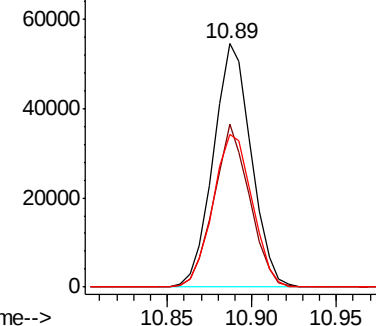


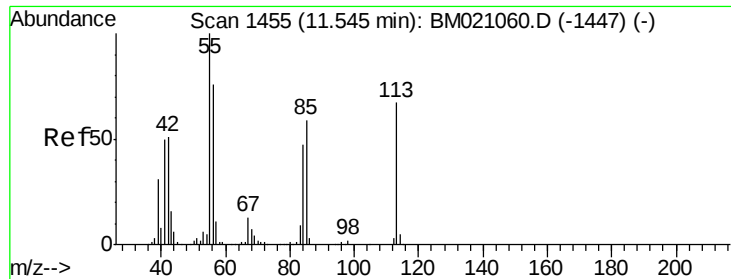
#34
Hexachlorobutadiene
Concen: 7.120 ng
RT: 10.89 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion:	225	Resp:	85269
Ion	Ratio	Lower	Upper
225	100		
223	66.7	49.6	74.4
227	62.5	50.4	75.6



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: 7.100 ng

RT: 11.52 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

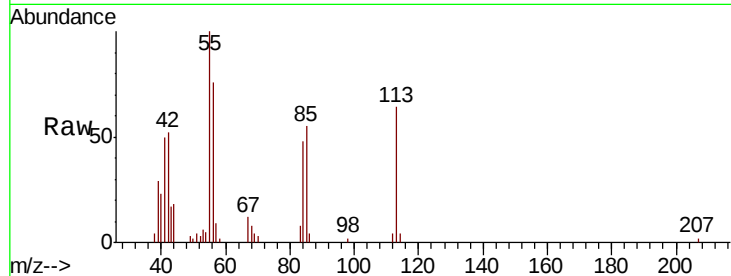
Tgt Ion:113 Resp: 35733

Ion Ratio Lower Upper

113 100

55 156.4 129.8 169.8

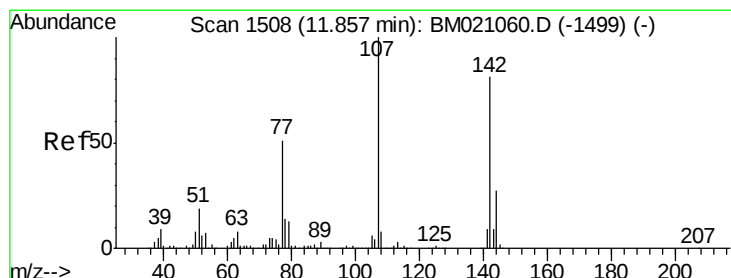
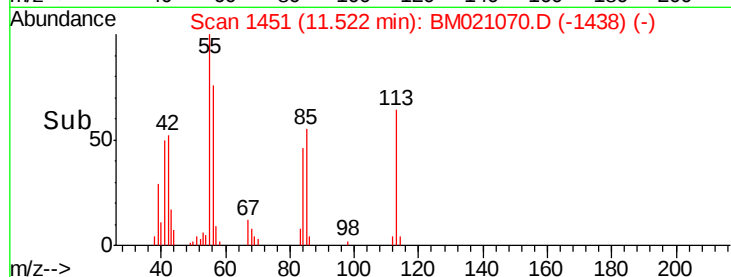
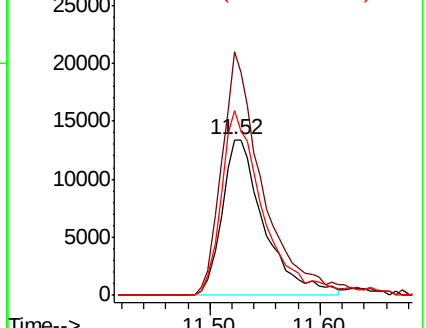
56 118.4 94.3 134.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM021060.D (-1447) (-)

Ion 56.00 (55.70 to 56.70): BM021060.D (-1447) (-)



#36

4-Chloro-3-methylphenol

Concen: 7.707 ng

RT: 11.85 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

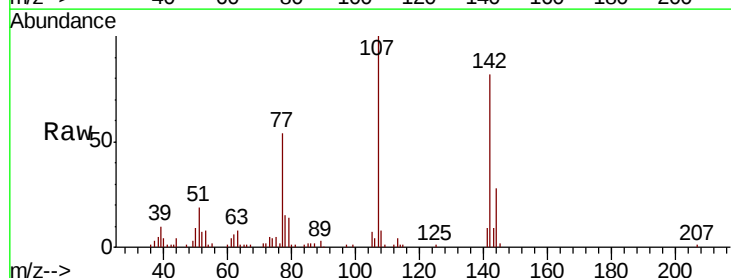
Tgt Ion:107 Resp: 126196

Ion Ratio Lower Upper

107 100

144 28.1 21.3 31.9

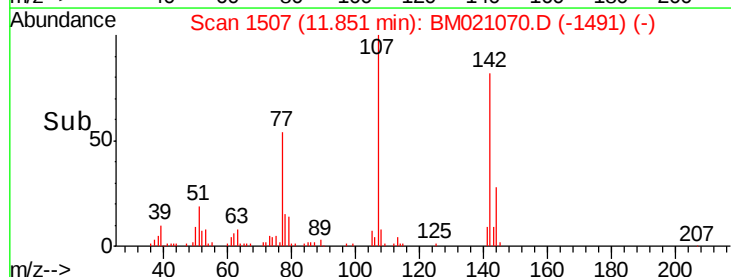
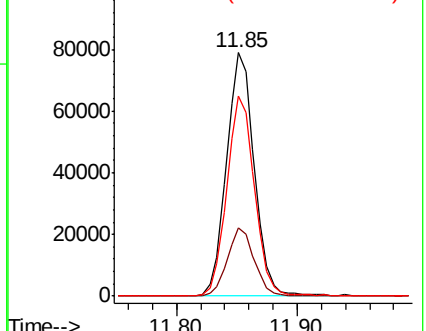
142 82.3 64.9 97.3

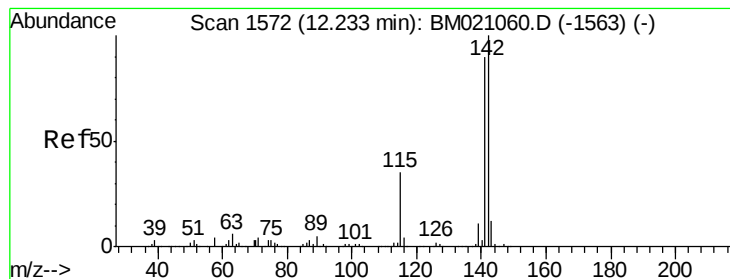


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 8.175 ng

RT: 12.23 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

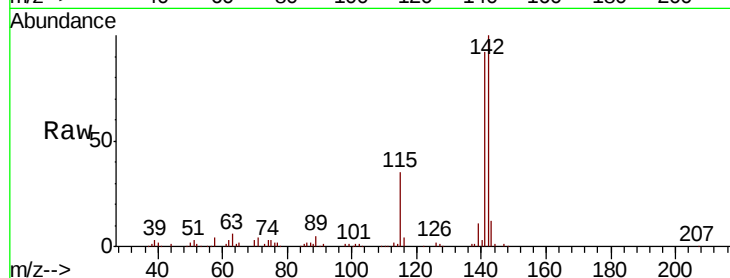
Tgt Ion:142 Resp: 304881

Ion Ratio Lower Upper

142 100

141 91.7 72.2 108.2

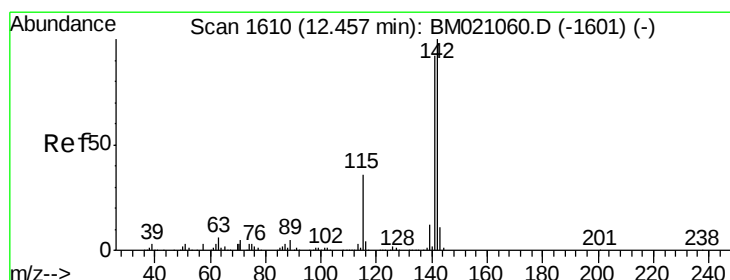
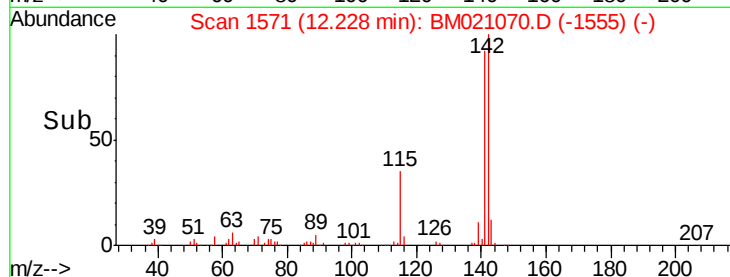
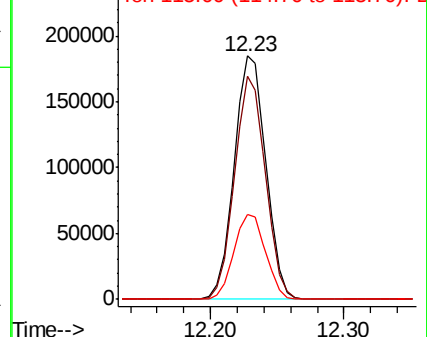
115 35.0 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 8.233 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

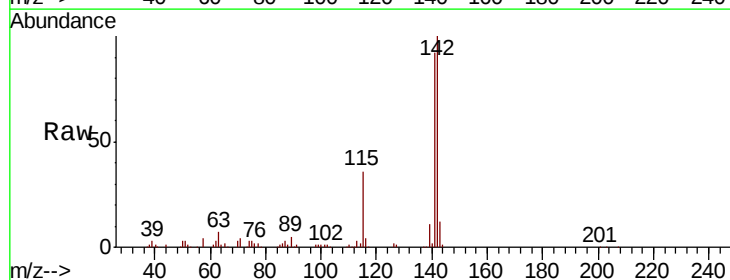
Tgt Ion:142 Resp: 292874

Ion Ratio Lower Upper

142 100

141 91.8 73.9 110.9

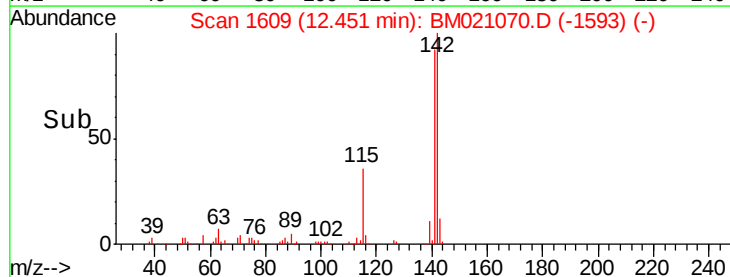
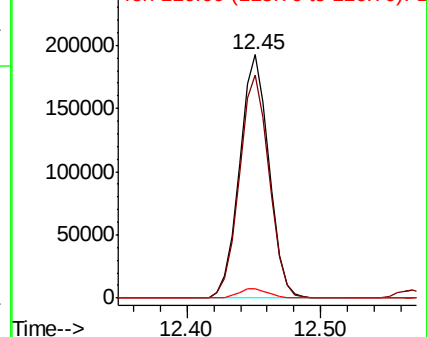
116 3.8 3.0 4.6

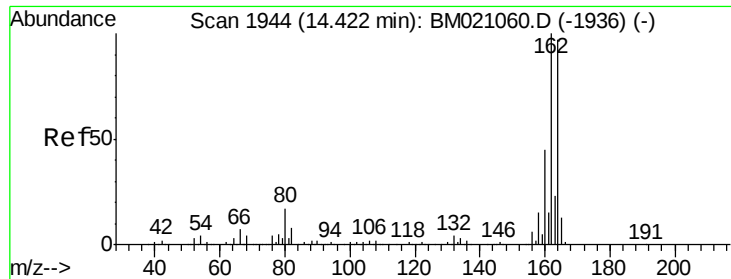


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

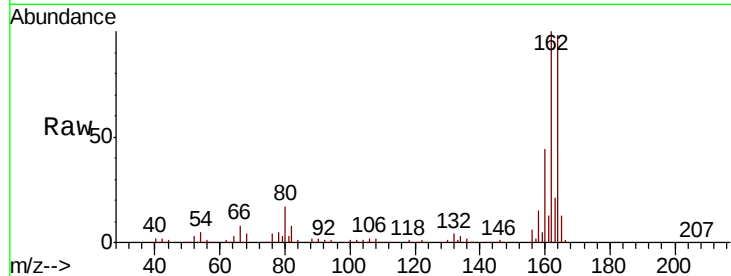




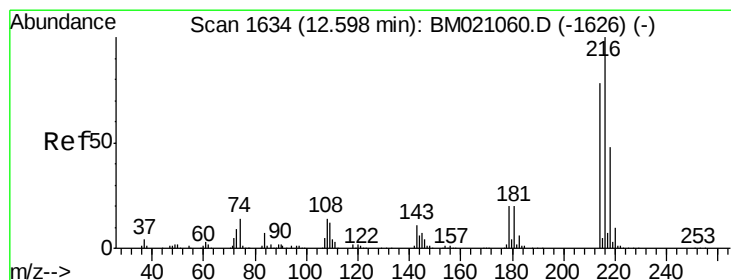
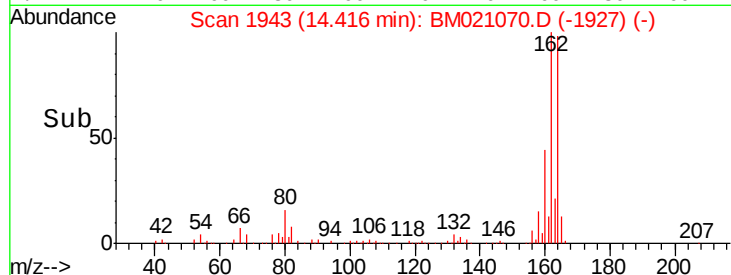
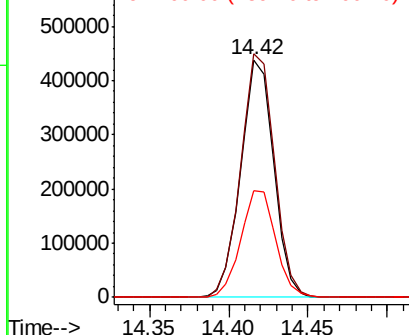
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tgt Ion:164 Resp: 633177
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 44.8 37.1 55.7

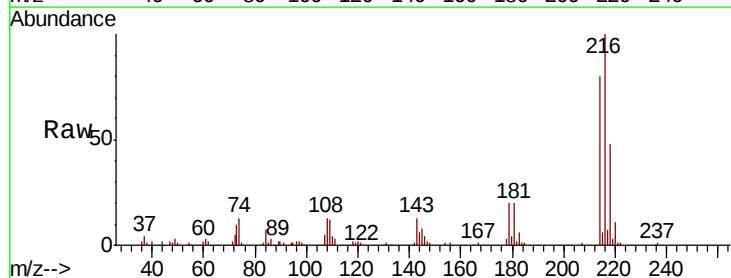


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

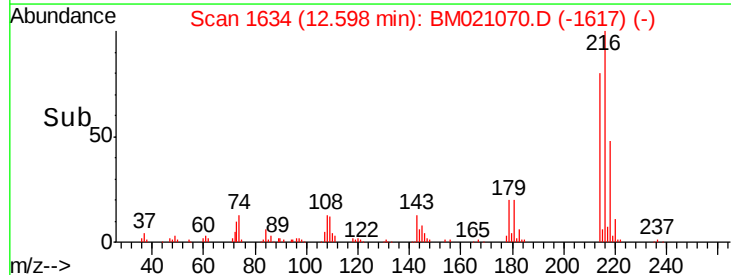
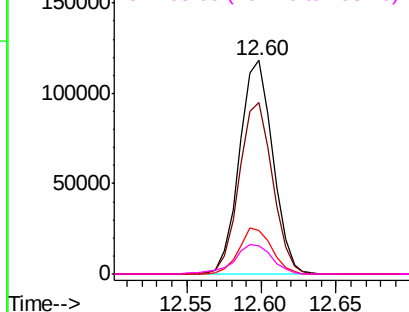


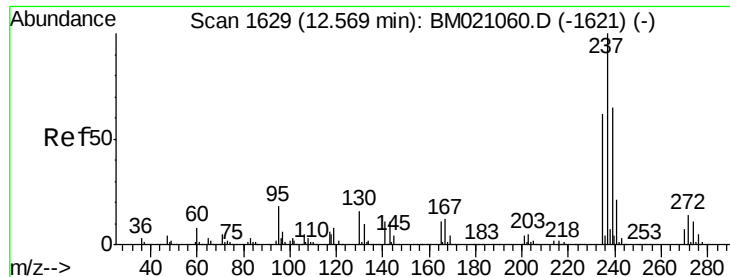
#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.651 ng
RT: 12.60 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion:216 Resp: 183368
Ion Ratio Lower Upper
216 100
214 80.4 63.0 94.6
179 21.1 16.4 24.6
108 15.7 12.5 18.7



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 6.424 ng

RT: 12.57 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

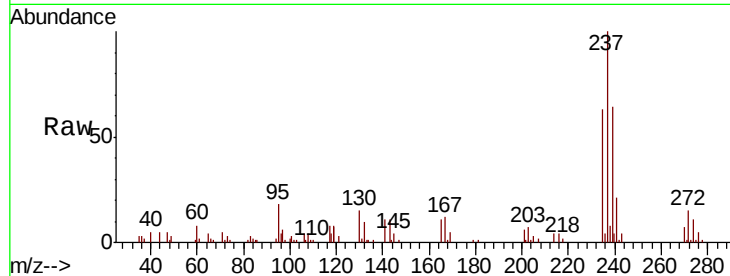
Tgt Ion: 237 Resp: 89242

Ion Ratio Lower Upper

237 100

235 62.8 41.7 81.7

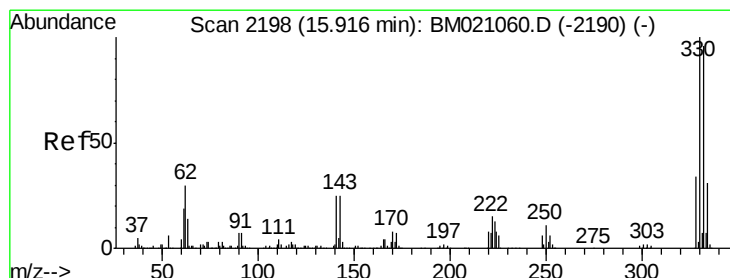
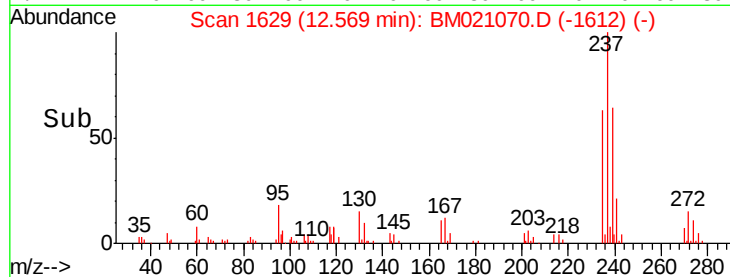
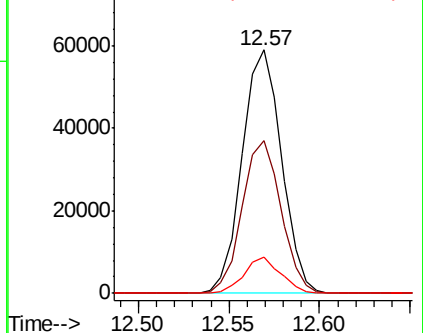
272 14.9 0.0 34.1



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: 33.550 ng

RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

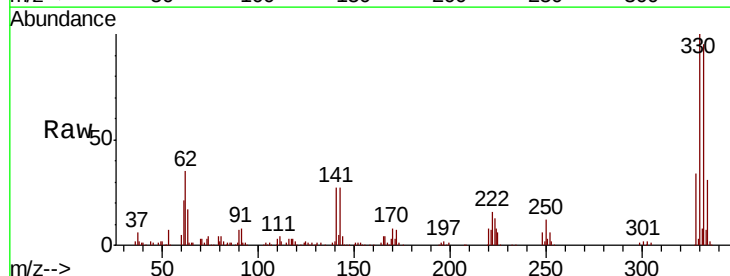
Tgt Ion: 330 Resp: 398612

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

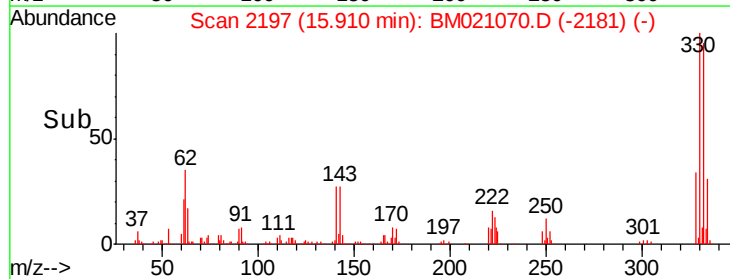
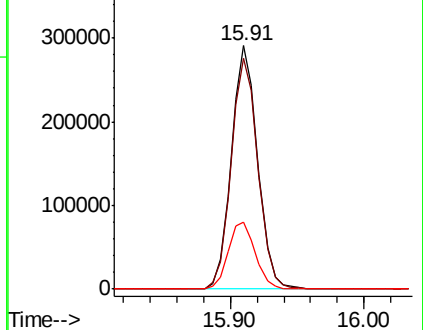
141 28.7 21.8 32.8

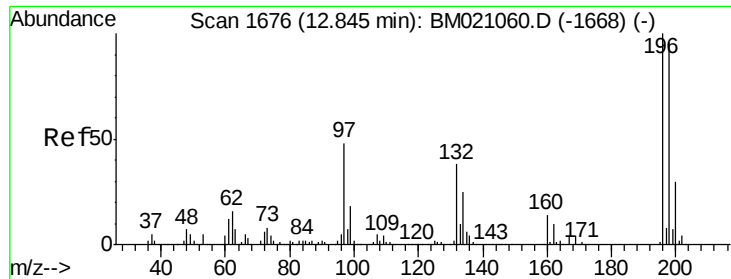


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

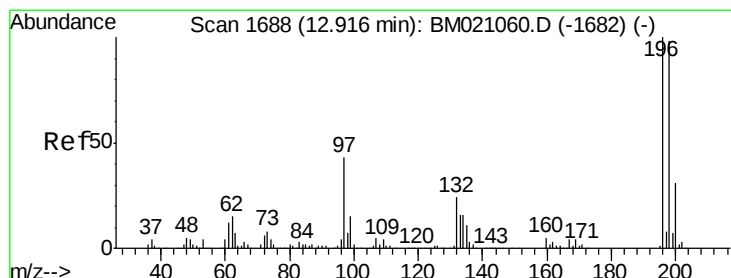
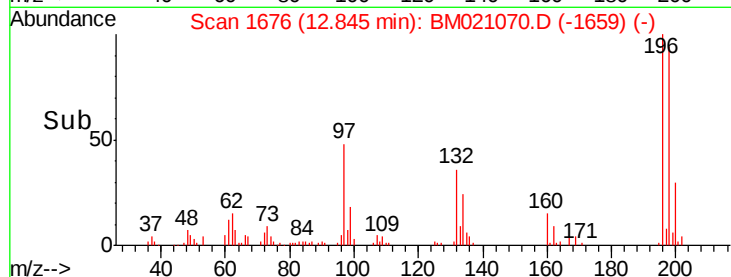
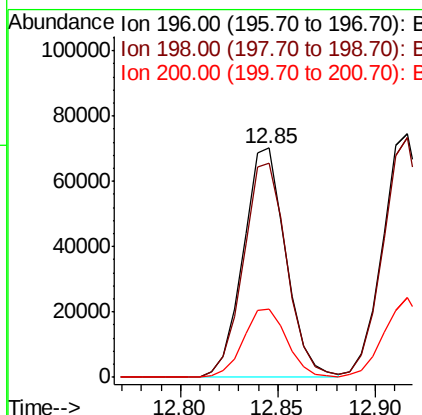
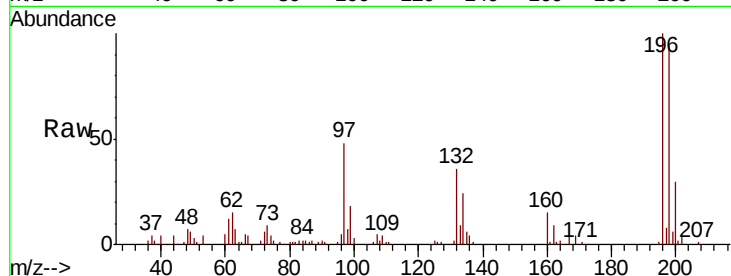




#43
 2,4,6-Trichlorophenol
 Concen: 6.688 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

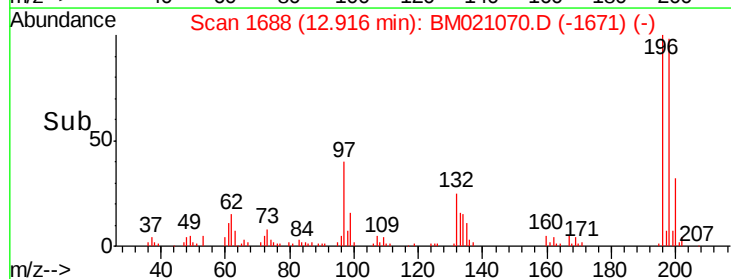
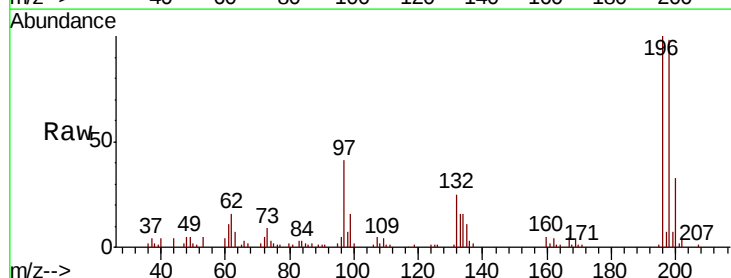
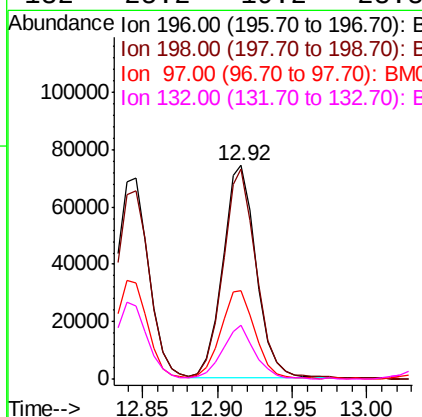
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

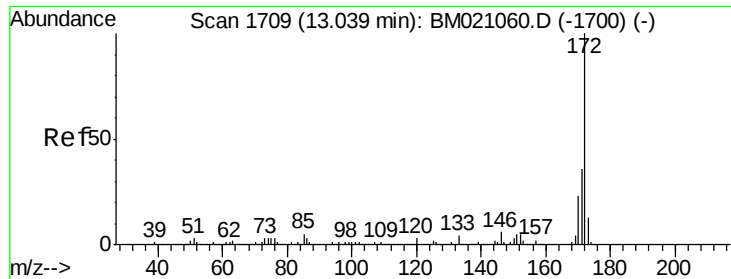
Tgt Ion:196 Resp: 106068
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.7 115.1
 200 29.8 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 7.058 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

Tgt Ion:196 Resp: 115906
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.2 117.4
 97 41.1 34.1 51.1
 132 25.2 19.2 28.8



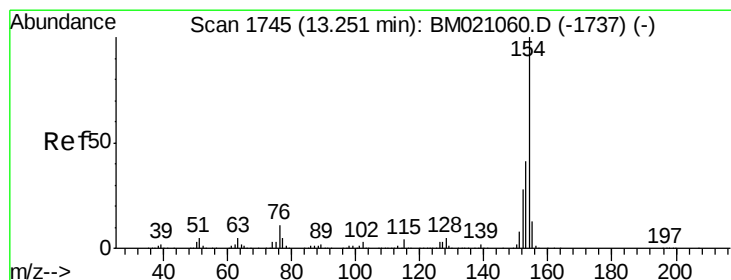
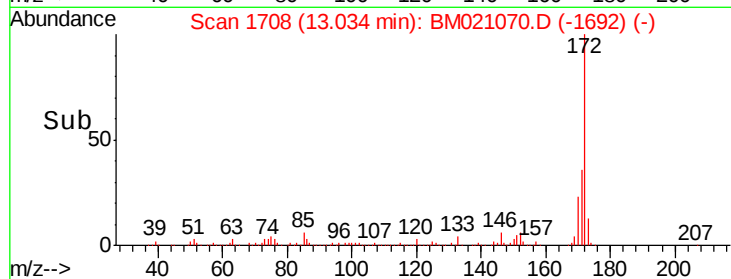
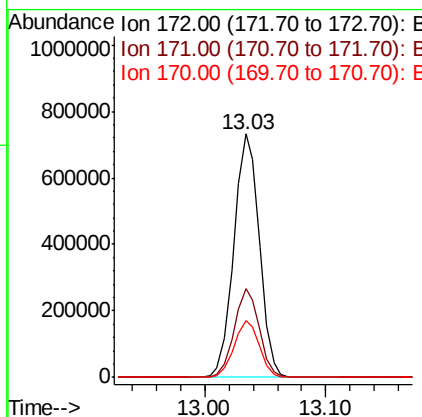
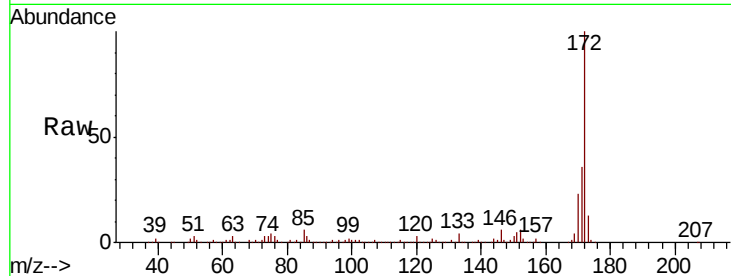


#45
 2-Fluorobiphenyl
 Concen: 20.919 ng
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tgt Ion:172 Resp: 1077717

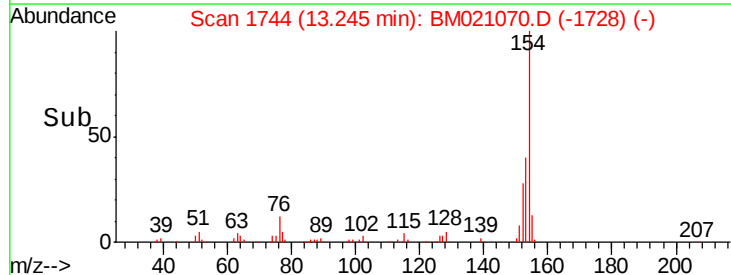
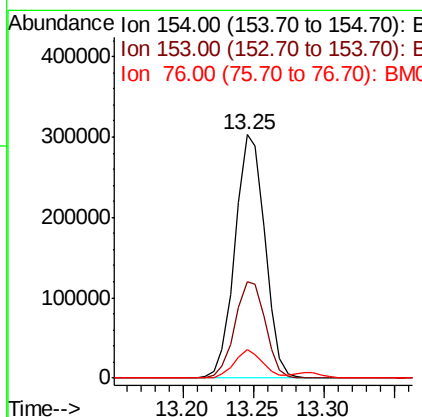
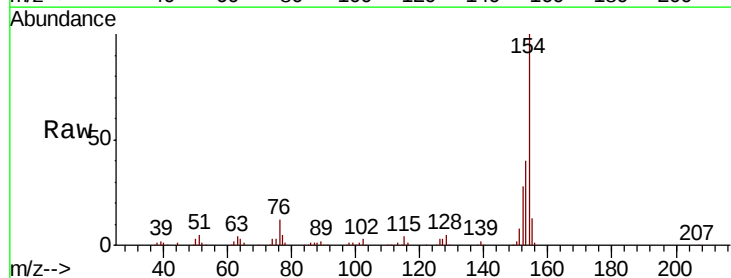
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.3	18.7	28.1

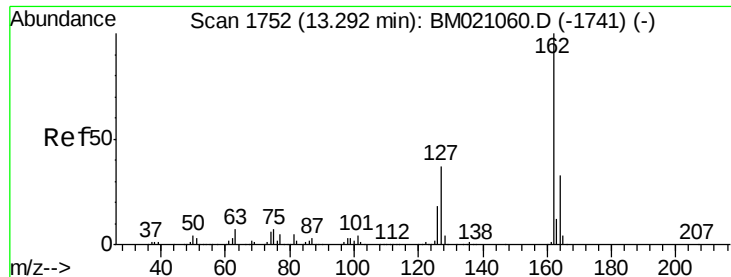


#46
 1,1'-Biphenyl
 Concen: 8.257 ng
 RT: 13.25 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

Tgt Ion:154 Resp: 447482

Ion	Ratio	Lower	Upper
154	100		
153	39.5	21.3	61.3
76	11.5	0.0	30.9

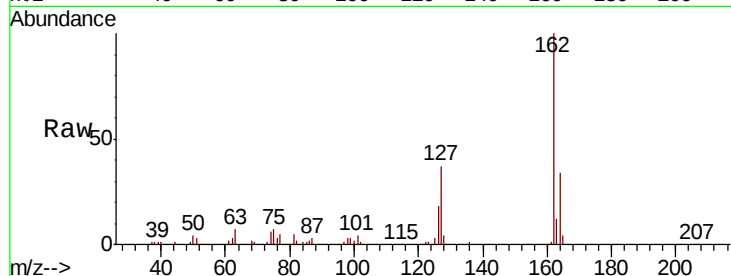




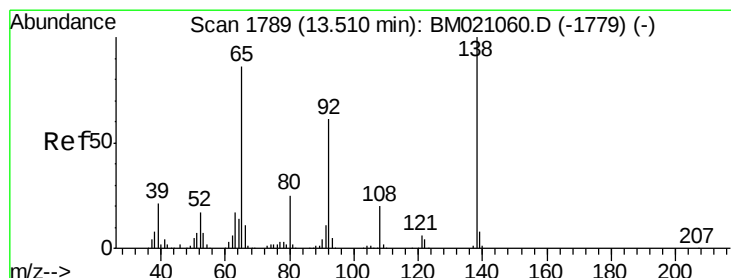
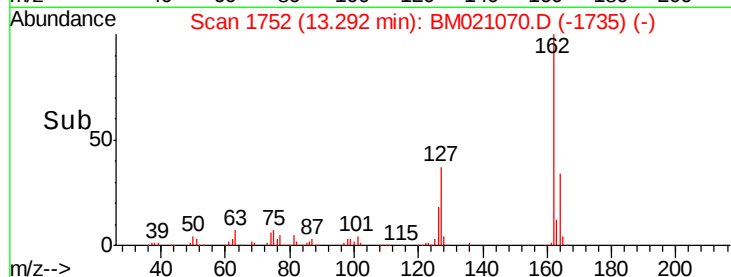
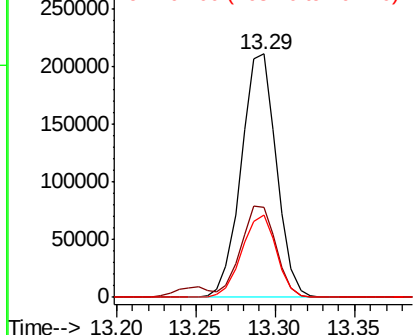
#47
2-Chloronaphthalene
Concen: 7.382 ng
RT: 13.29 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	29.4	44.2
164	33.9	26.5	39.7

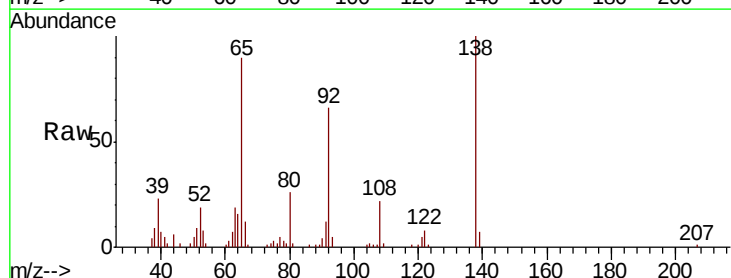


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

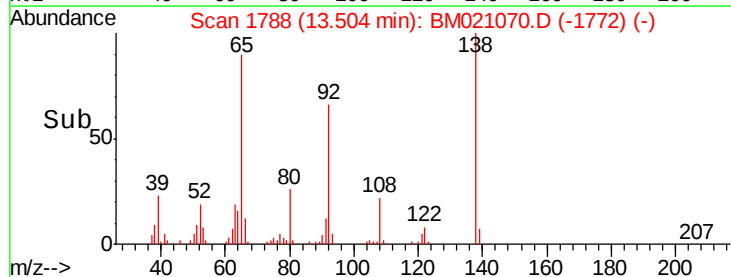
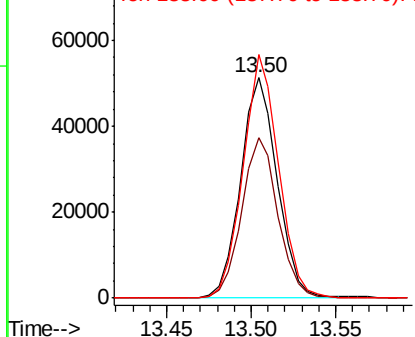


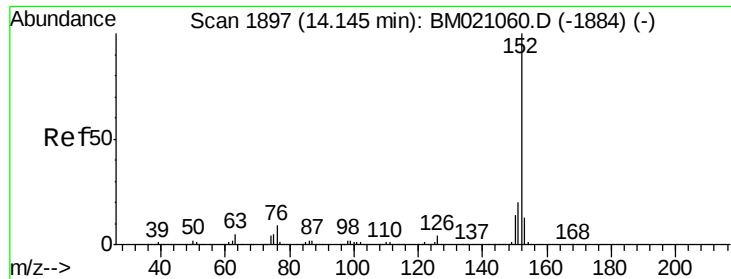
#48
2-Nitroaniline
Concen: 6.438 ng
RT: 13.50 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	56.3	84.5
138	110.7	92.6	139.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 7.836 ng

RT: 14.14 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

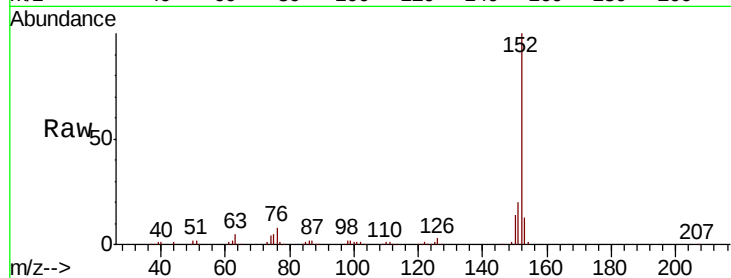
Tgt Ion:152 Resp: 524858

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

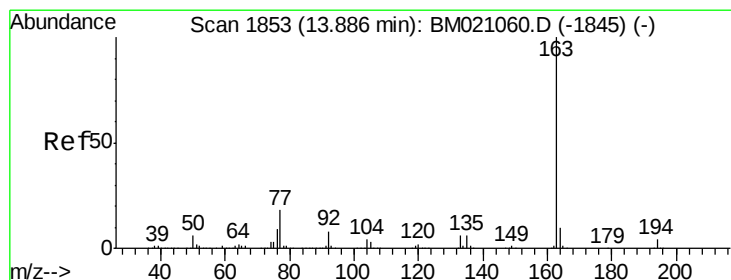
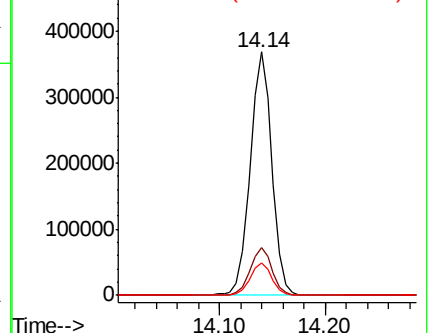
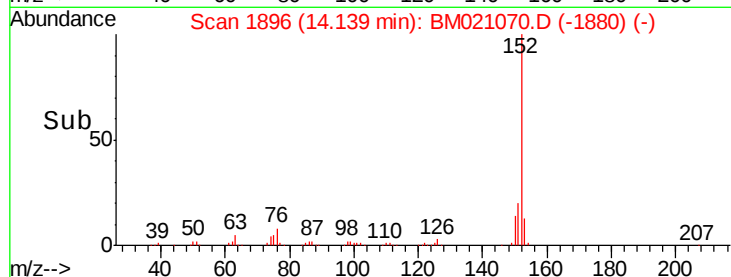
153 13.4 10.6 16.0



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: 7.901 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

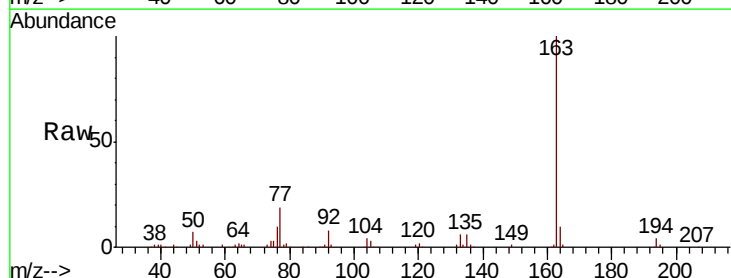
Tgt Ion:163 Resp: 444769

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

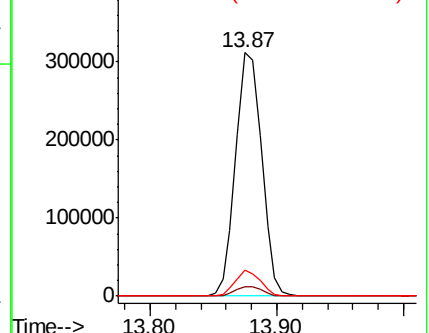
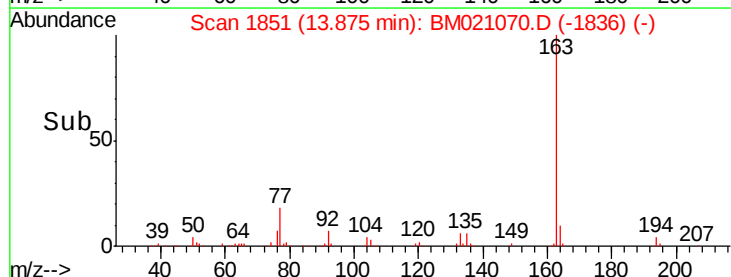
164 10.5 8.2 12.2

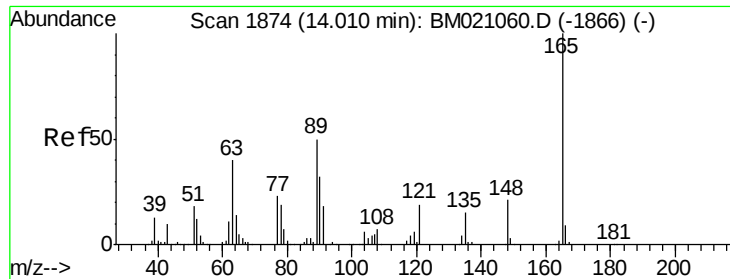


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

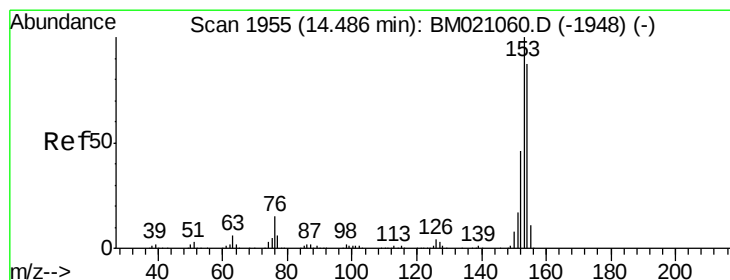
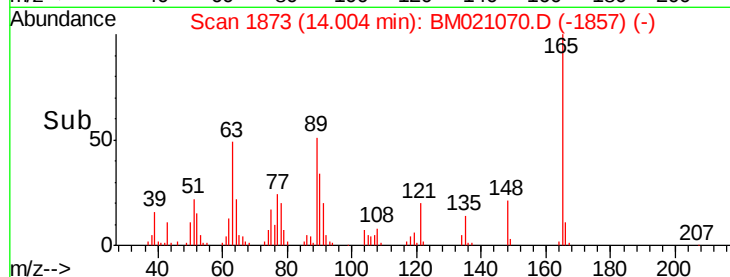
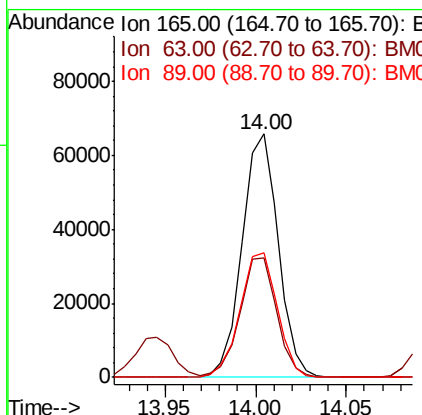
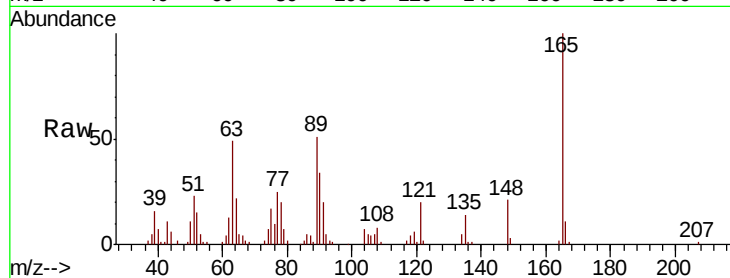




#51
 2,6-Dinitrotoluene
 Concen: 7.516 ng
 RT: 14.00 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

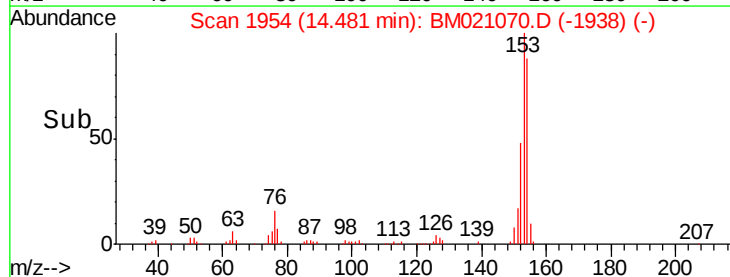
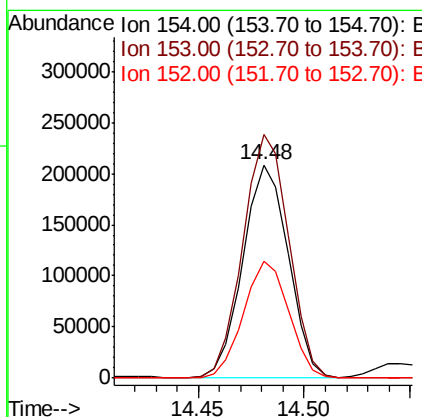
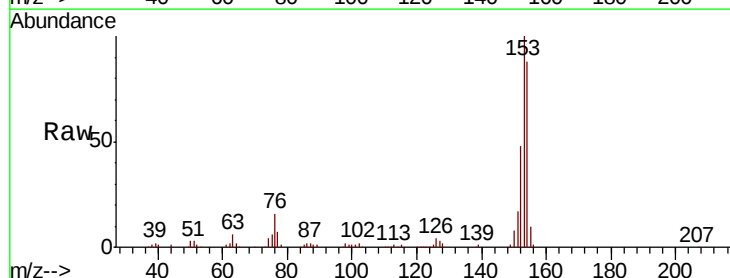
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

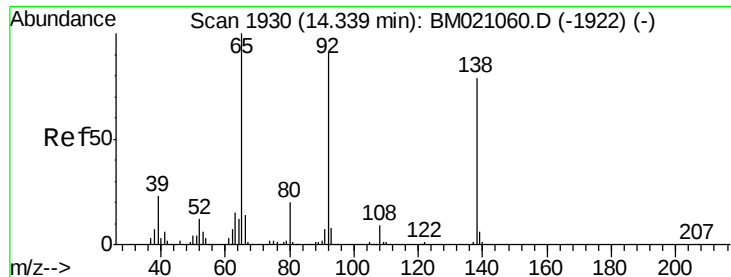
Tgt Ion:165 Resp: 91026
 Ion Ratio Lower Upper
 165 100
 63 49.0 37.8 56.6
 89 51.1 39.7 59.5



#52
 Acenaphthene
 Concen: 7.762 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

Tgt Ion:154 Resp: 313682
 Ion Ratio Lower Upper
 154 100
 153 114.2 91.5 137.3
 152 54.9 42.3 63.5

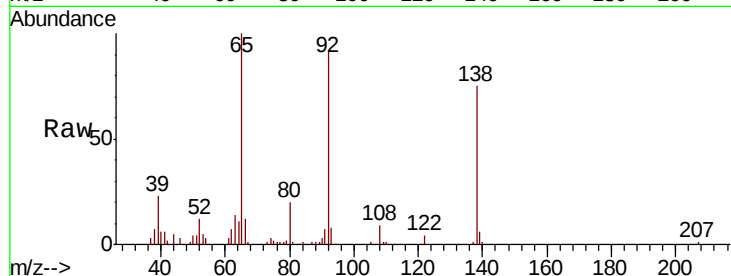




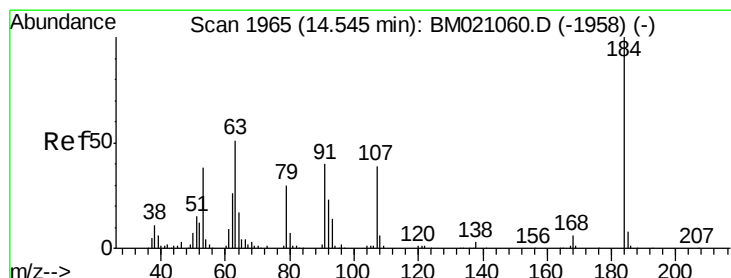
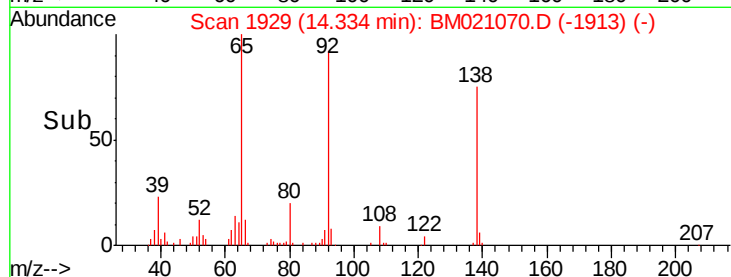
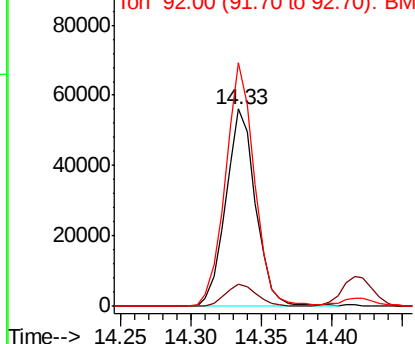
#53
 3-Nitroaniline
 Concen: 6.686 ng
 RT: 14.33 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tgt Ion:138 Resp: 82556
 Ion Ratio Lower Upper
 138 100
 108 11.6 9.0 13.4
 92 123.5 92.2 138.2

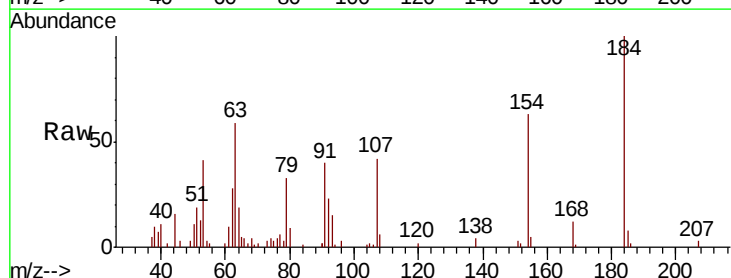


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

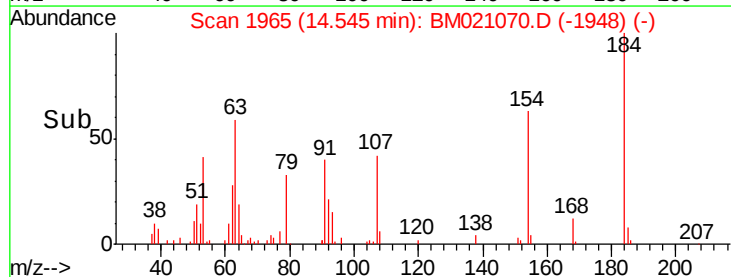
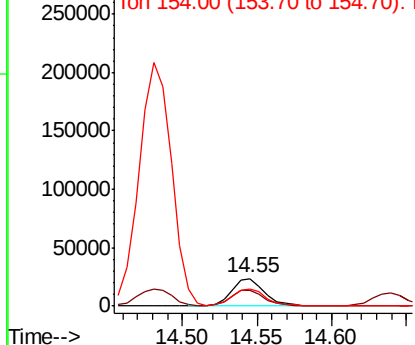


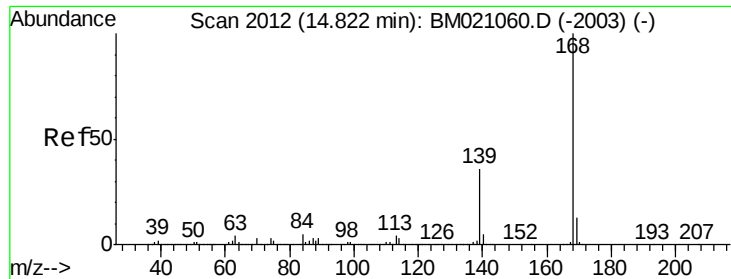
#54
 2,4-Dinitrophenol
 Concen: 5.596 ng
 RT: 14.55 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

Tgt Ion:184 Resp: 36403
 Ion Ratio Lower Upper
 184 100
 63 58.9 45.5 68.3
 154 62.8 50.6 76.0



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

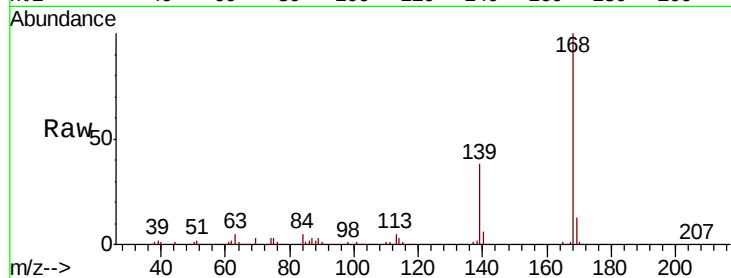




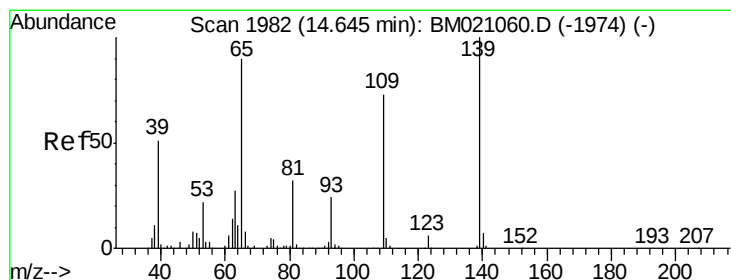
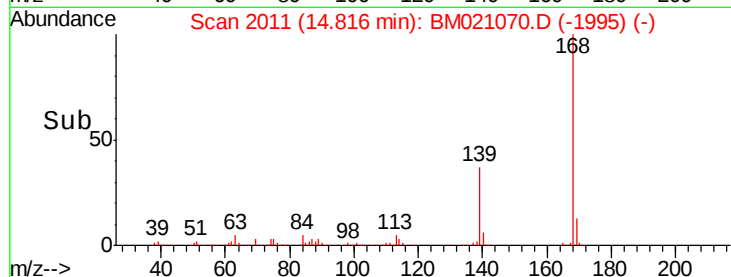
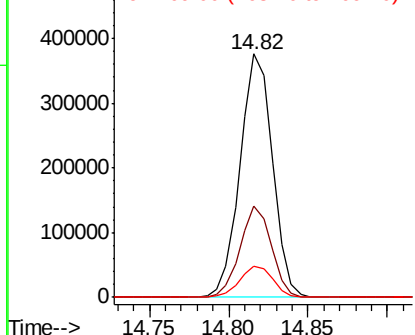
#55
Dibenzenofuran
Concen: 8.101 ng
RT: 14.82 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tgt Ion:168 Resp: 534088
Ion Ratio Lower Upper
168 100
139 37.7 28.4 42.6
169 12.9 10.6 16.0

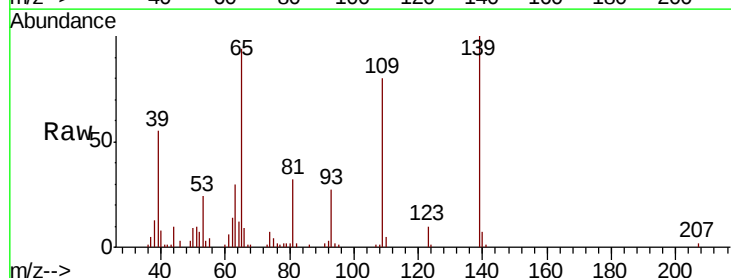


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

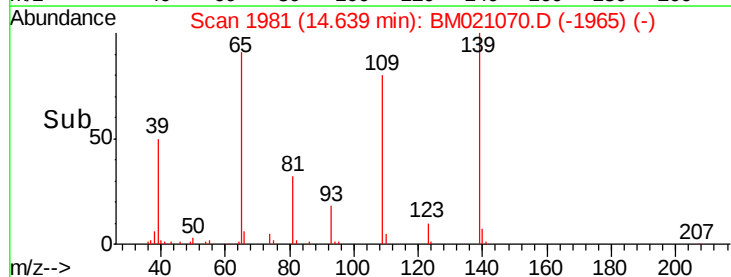
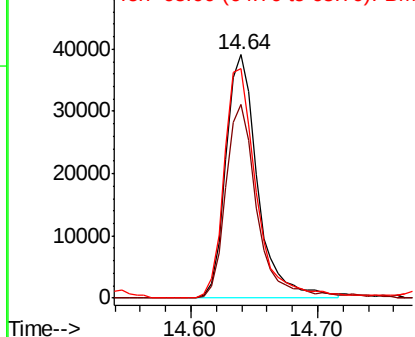


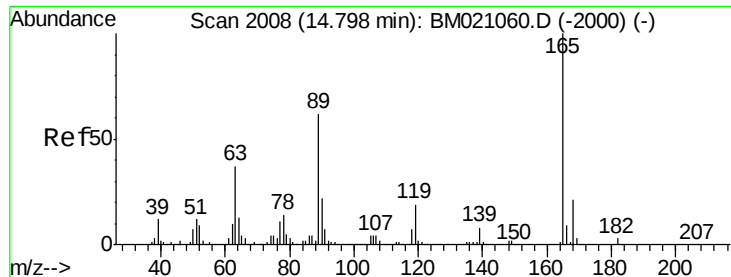
#56
4-Nitrophenol
Concen: 7.164 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion:139 Resp: 67643
Ion Ratio Lower Upper
139 100
109 79.6 53.3 93.3
65 94.4 70.3 110.3



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): E

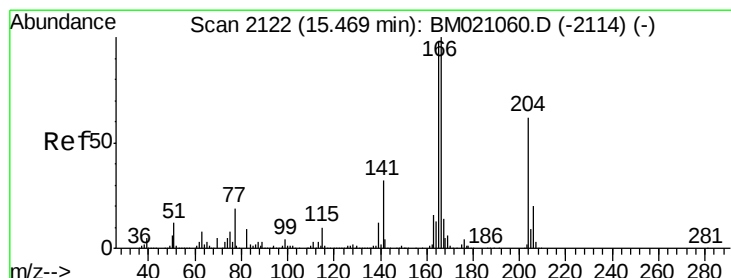
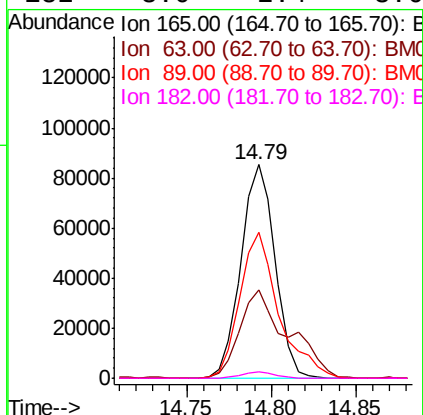
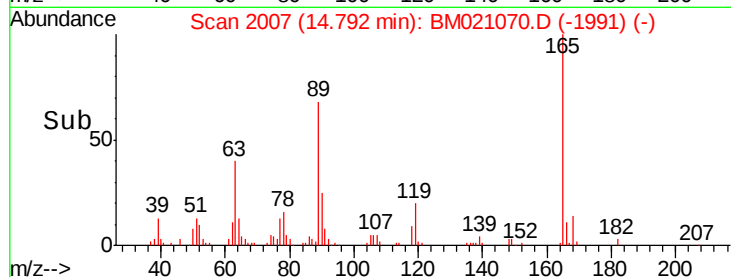
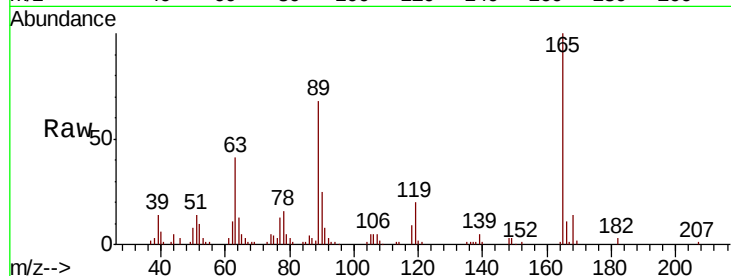




#57
 2,4-Dinitrotoluene
 Concen: 7.191 ng
 RT: 14.79 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

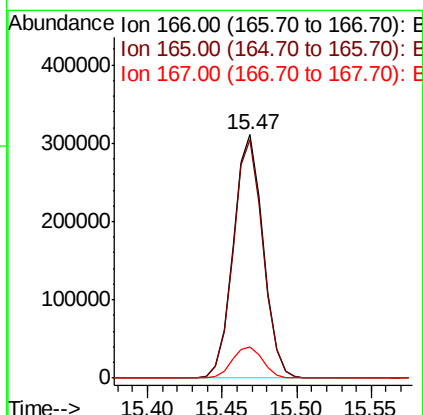
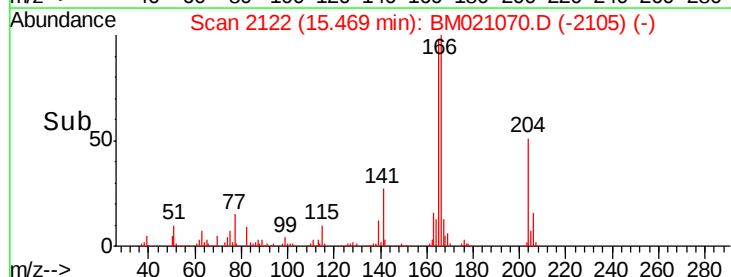
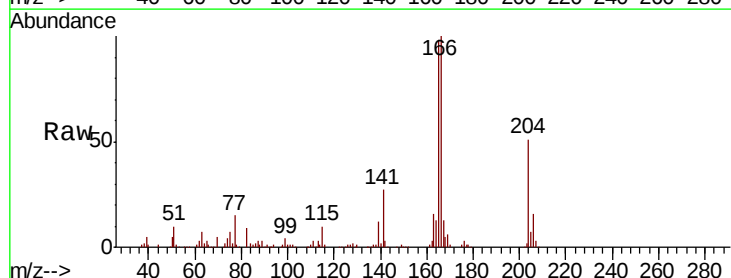
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

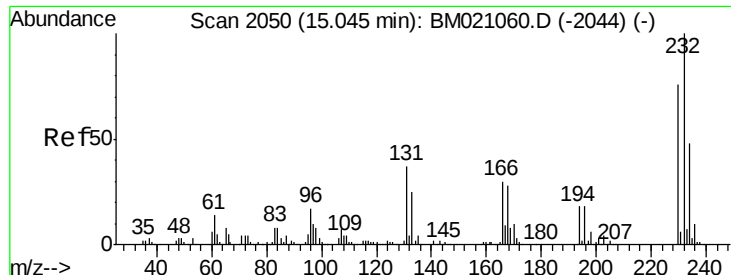
Tgt Ion:	165	Resp:	120257
Ion	Ratio	Lower	Upper
165	100		
63	41.2	29.6	44.4
89	68.1	49.5	74.3
182	3.0	2.4	3.6



#58
 Fluorene
 Concen: 8.011 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

Tgt Ion:	166	Resp:	431524
Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	12.9	10.9	16.3

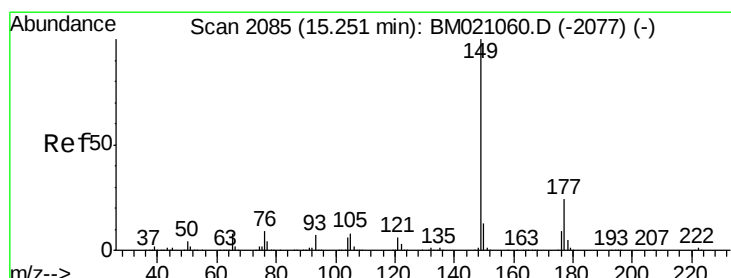
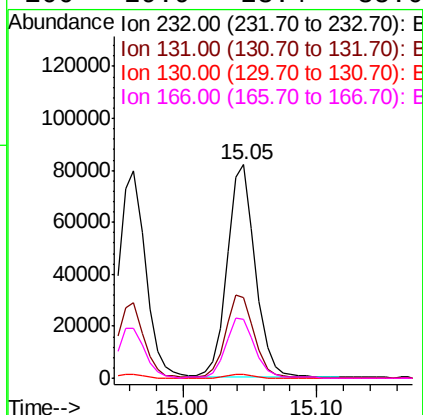
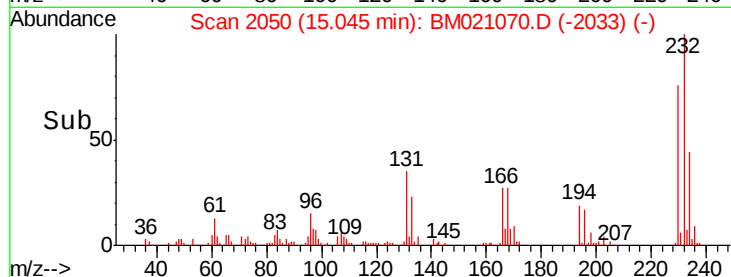
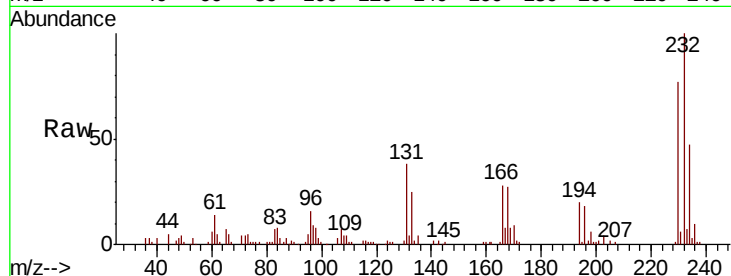




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.626 ng
RT: 15.05 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

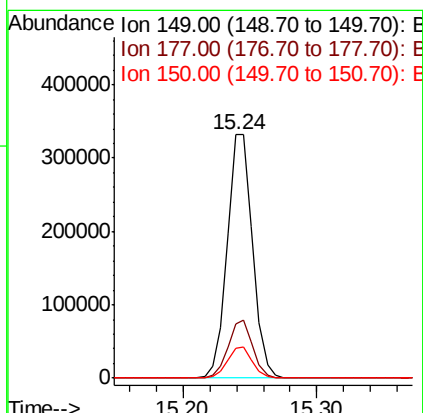
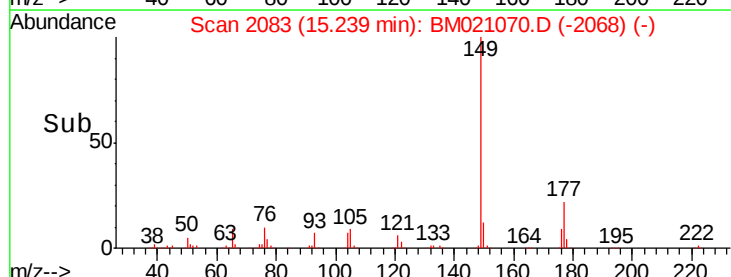
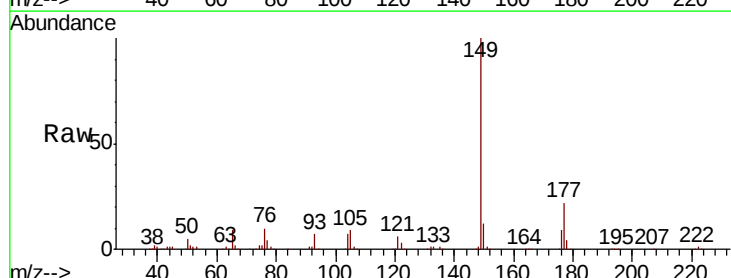
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

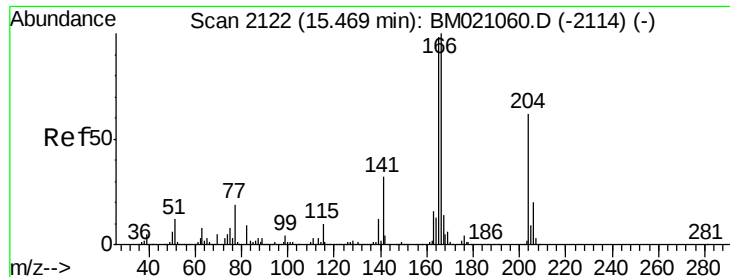
Tgt Ion: 232 Resp: 119653
Ion Ratio Lower Upper
232 100
131 41.0 30.6 46.0
130 2.0 1.7 2.5
166 29.9 23.4 35.0



#60
Diethylphthalate
Concen: 8.003 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion: 149 Resp: 443753
Ion Ratio Lower Upper
149 100
177 22.3 19.1 28.7
150 12.4 10.1 15.1

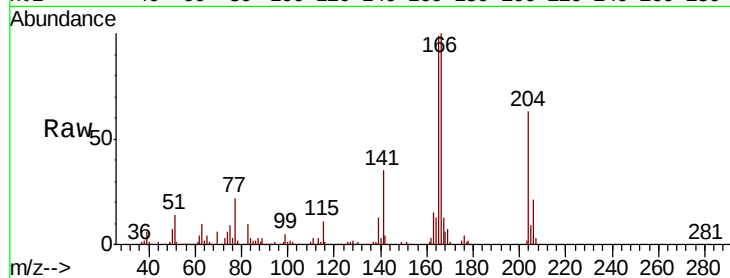




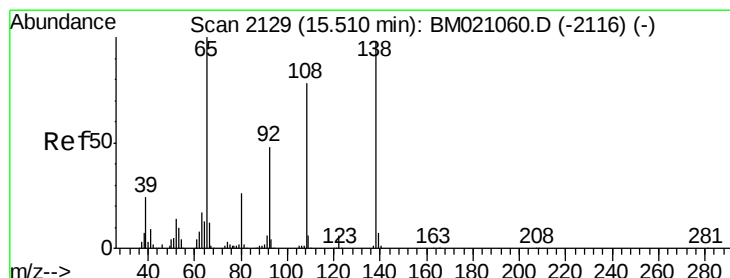
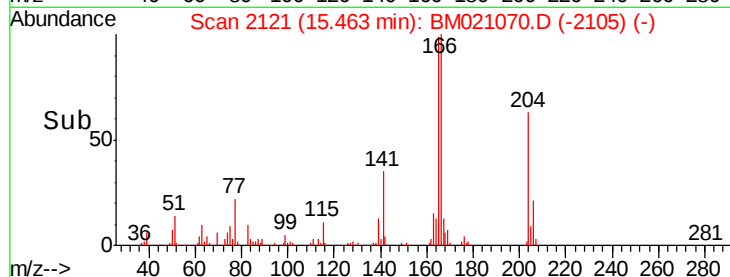
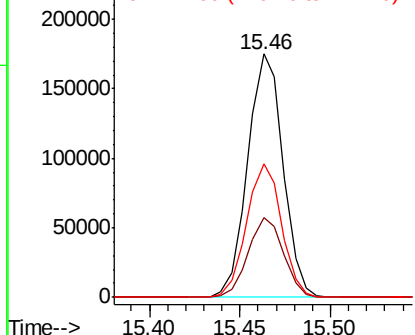
#61
4-Chlorophenyl-phenylether
Concen: 7.780 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tgt Ion:204 Resp: 236744
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 54.7 40.7 61.1

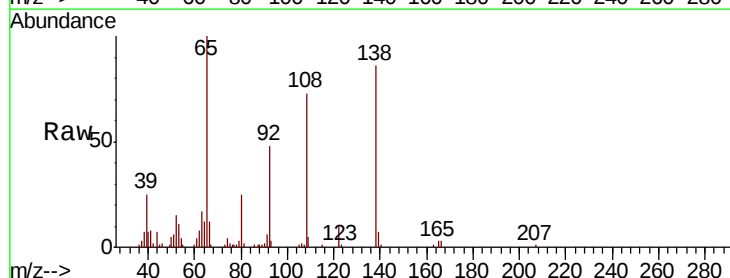


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

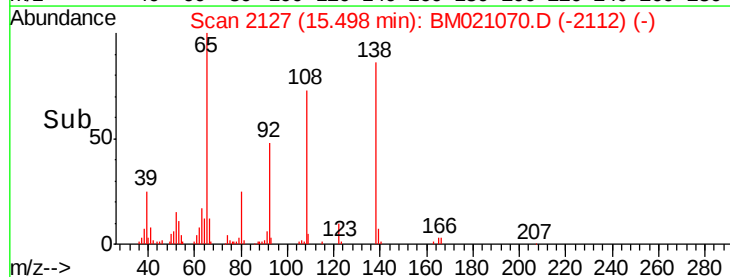
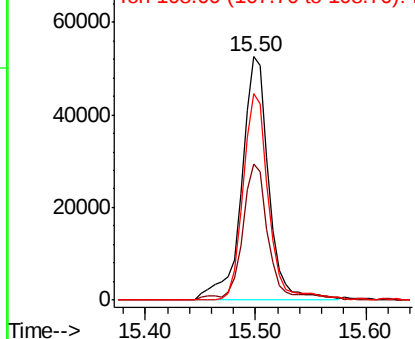


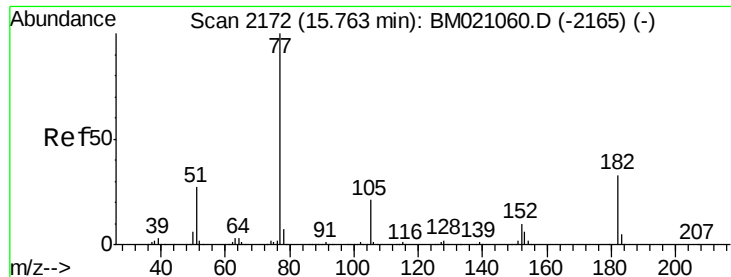
#62
4-Nitroaniline
Concen: 6.979 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion:138 Resp: 90445
Ion Ratio Lower Upper
138 100
92 55.8 29.1 69.1
108 84.7 59.2 99.2



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

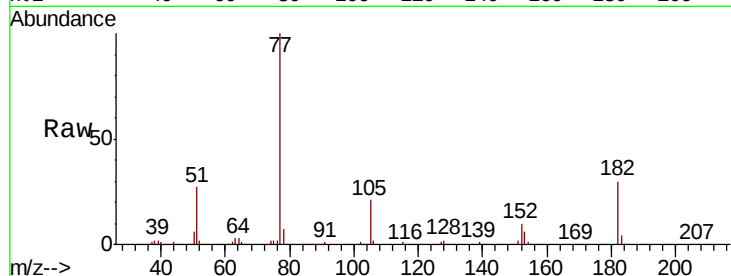




#63
Azobenzene
Concen: 8.100 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tgt Ion	Resp	Lower	Upper
77	368369		
182	29.6	12.6	52.6
105	21.4	1.1	41.1
51	26.9	6.9	46.9



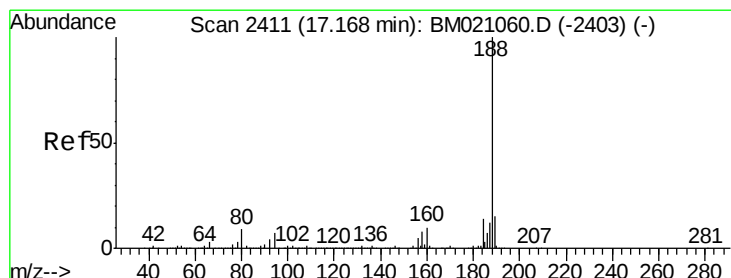
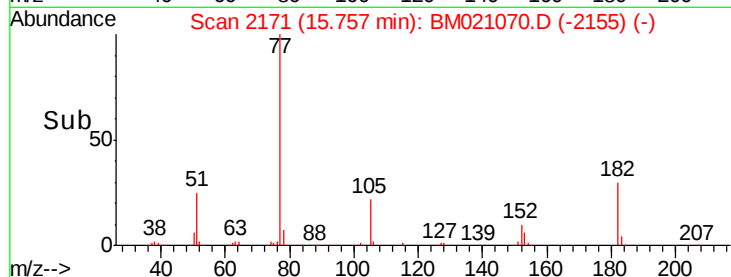
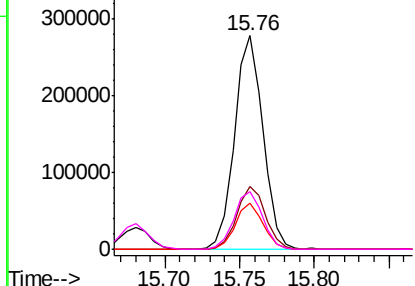
Abundance

Ion 77.00 (76.70 to 77.70): BM021060.D (-2165) (-)

Ion 182.00 (181.70 to 182.70): BM021060.D (-2165) (-)

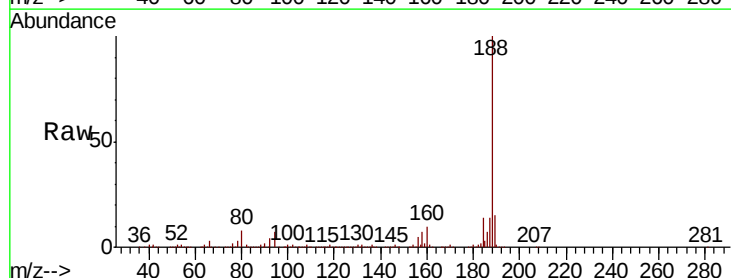
Ion 105.00 (104.70 to 105.70): BM021060.D (-2165) (-)

Ion 51.00 (50.70 to 51.70): BM021060.D (-2165) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion	Resp	Lower	Upper
188	1597035		
94	7.5	5.8	8.8
80	8.4	6.9	10.3

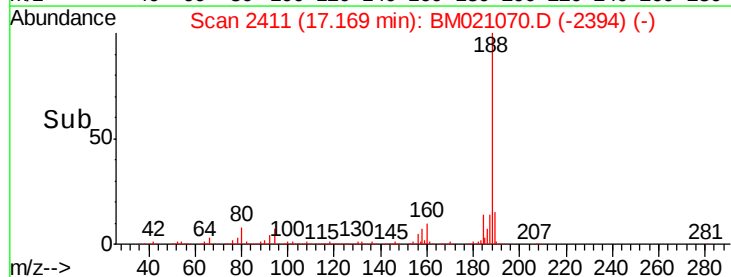
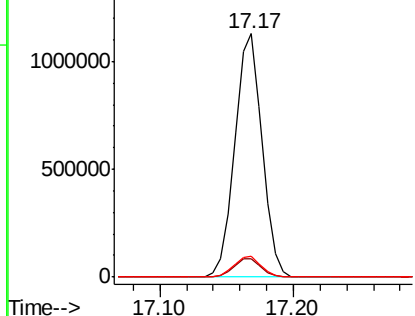


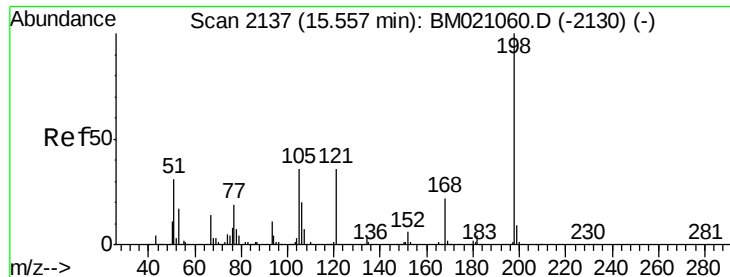
Abundance

Ion 188.00 (187.70 to 188.70): BM021060.D (-2403) (-)

Ion 94.00 (93.70 to 94.70): BM021060.D (-2403) (-)

Ion 80.00 (79.70 to 80.70): BM021060.D (-2403) (-)

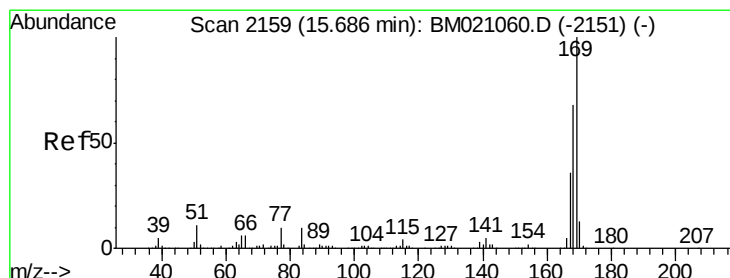
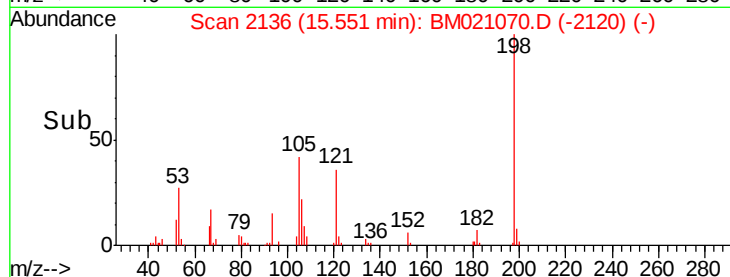
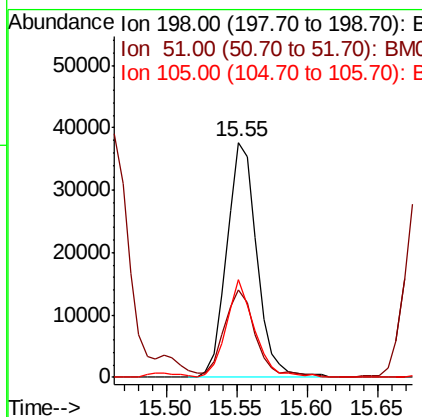
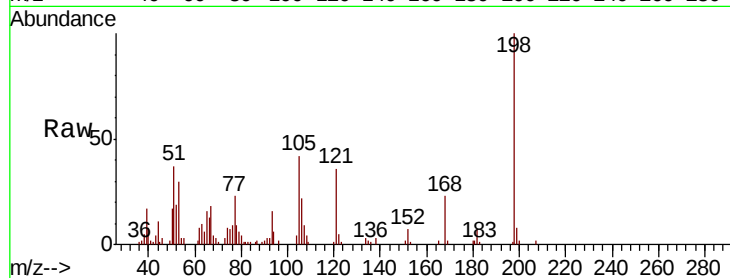




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.648 ng
 RT: 15.55 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

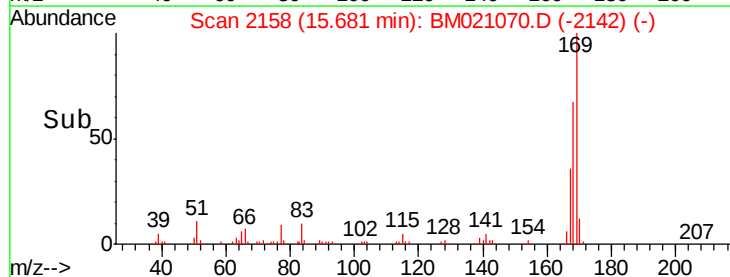
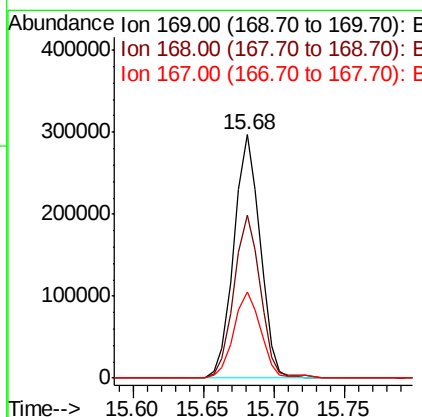
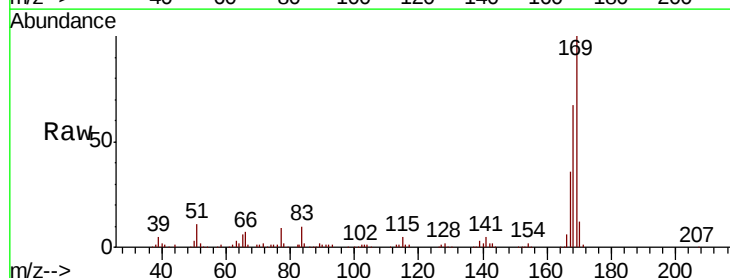
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

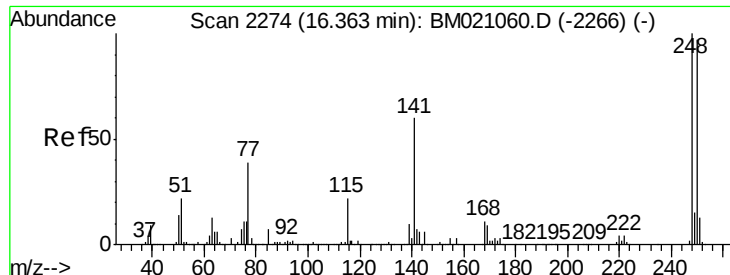
Tgt Ion:198 Resp: 55618
 Ion Ratio Lower Upper
 198 100
 51 37.3 15.3 55.3
 105 41.6 16.8 56.8



#66
 n-Nitrosodiphenylamine
 Concen: 7.648 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM021070.D
 Acq: 21 Jun 2019 01:33

Tgt Ion:169 Resp: 385003
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.5 81.7
 167 35.6 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 7.007 ng

RT: 16.36 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

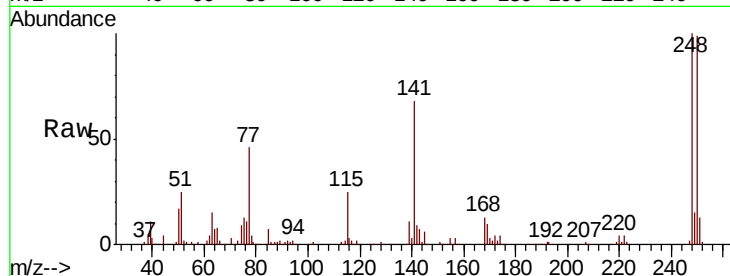
Tgt Ion:248 Resp: 148964

Ion Ratio Lower Upper

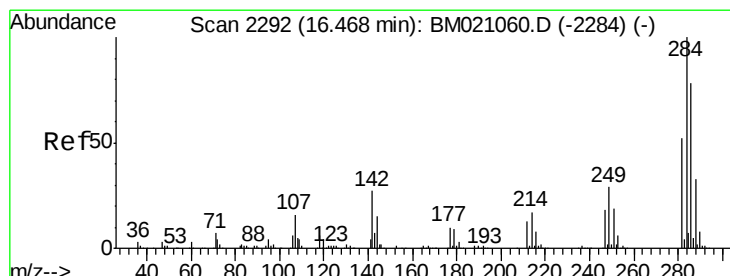
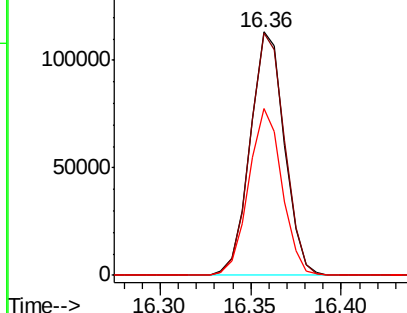
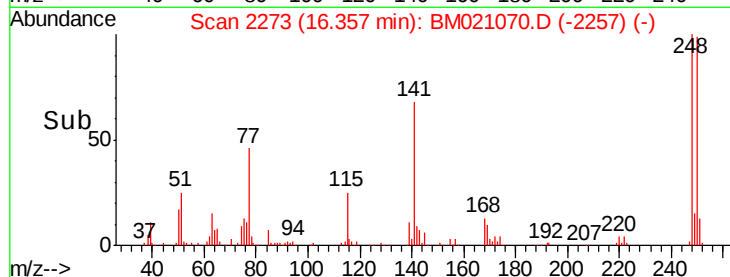
248 100

250 99.3 77.5 116.3

141 68.5 47.8 71.6



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: 7.180 ng

RT: 16.46 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

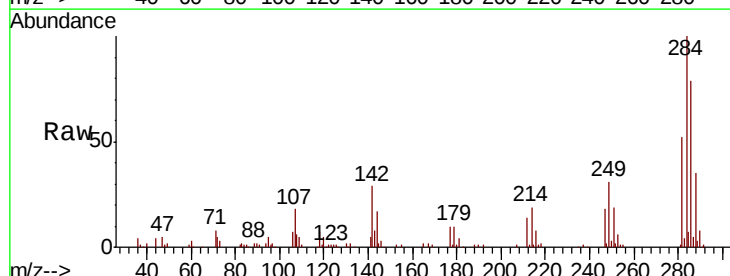
Tgt Ion:284 Resp: 182353

Ion Ratio Lower Upper

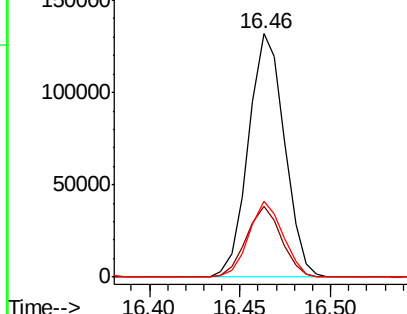
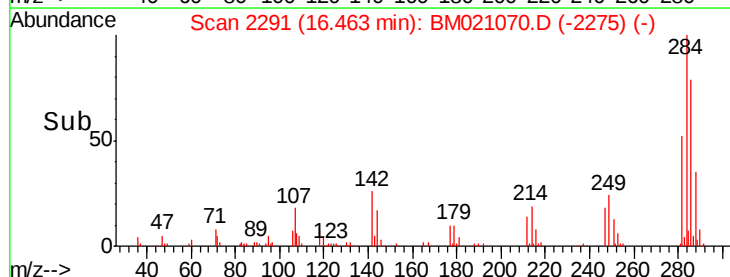
284 100

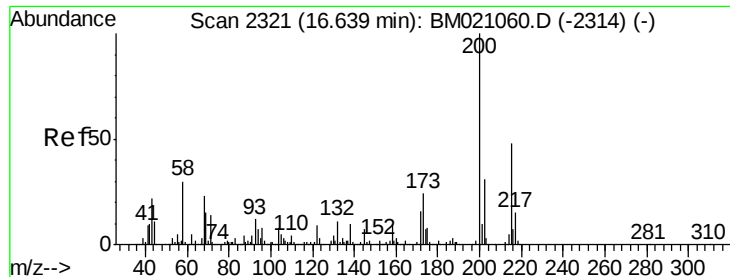
142 29.0 21.2 31.8

249 31.2 23.4 35.0



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: 7.848 ng

RT: 16.63 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

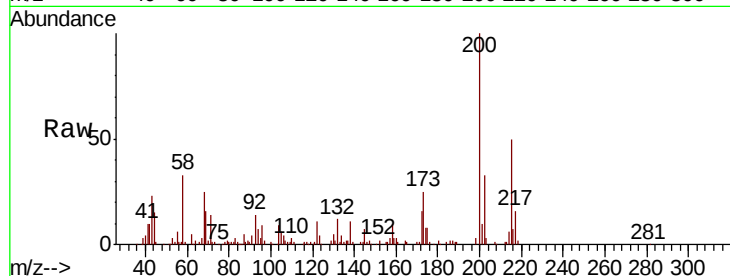
Tgt Ion:200 Resp: 128471

Ion Ratio Lower Upper

200 100

173 25.4 4.3 44.3

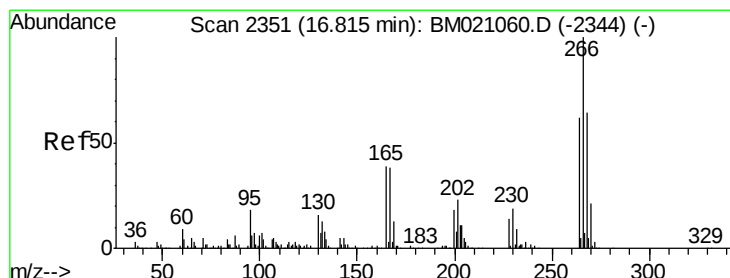
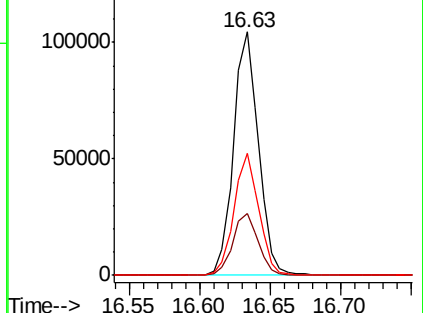
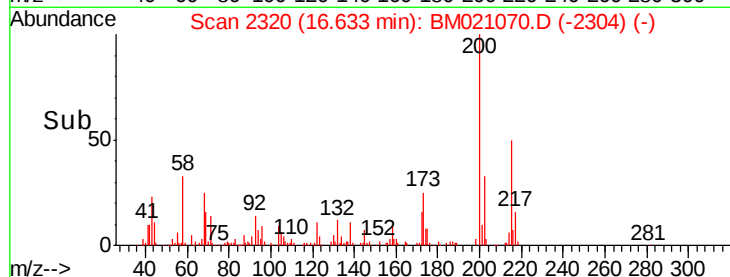
215 50.0 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 6.295 ng

RT: 16.82 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

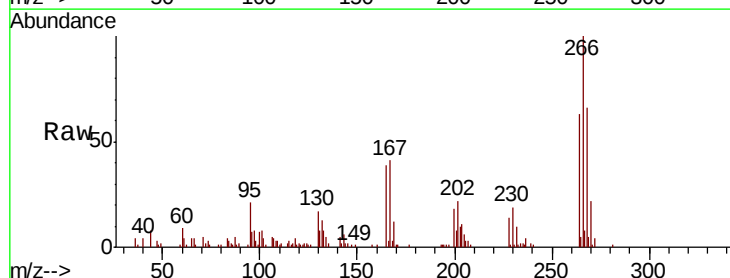
Tgt Ion:266 Resp: 86142

Ion Ratio Lower Upper

266 100

268 66.0 51.0 76.4

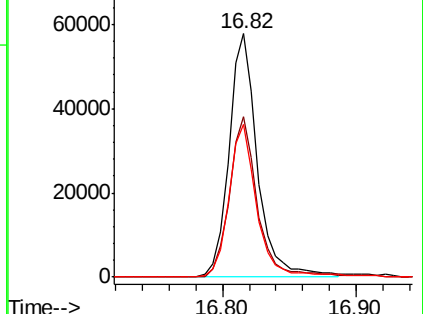
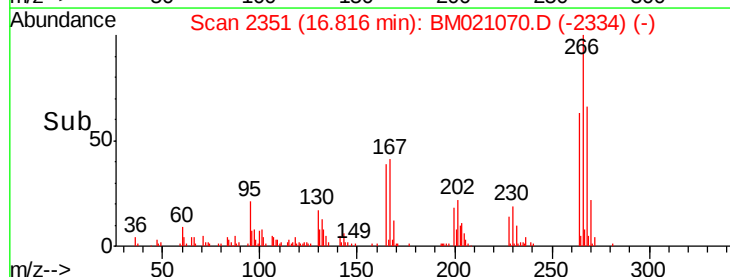
264 62.7 49.9 74.9

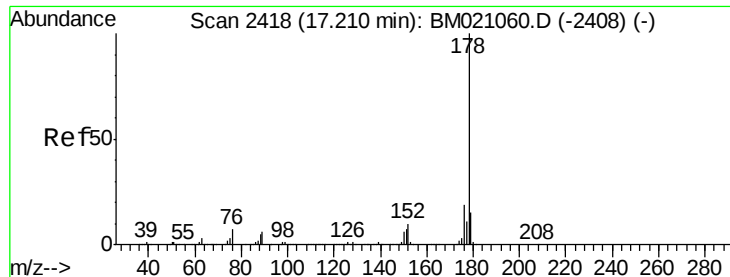


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 7.984 ng

RT: 17.21 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

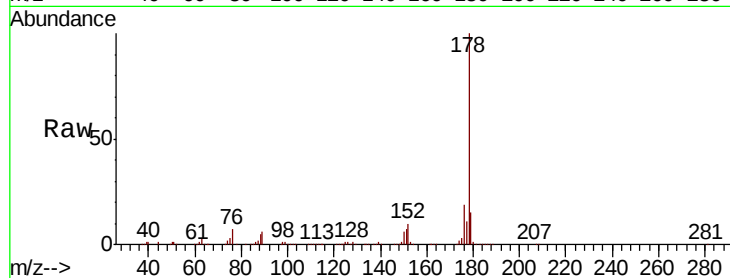
Tgt Ion:178 Resp: 734848

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

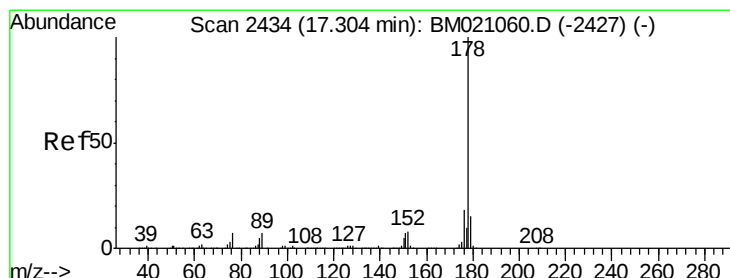
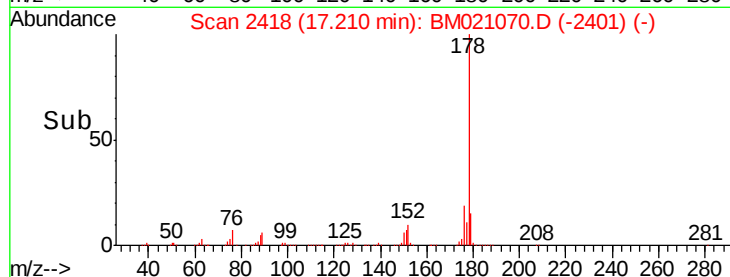
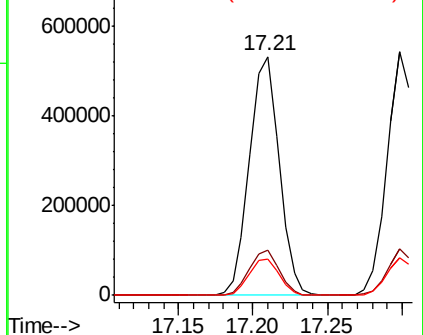
179 15.2 12.2 18.4



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: 7.825 ng

RT: 17.30 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

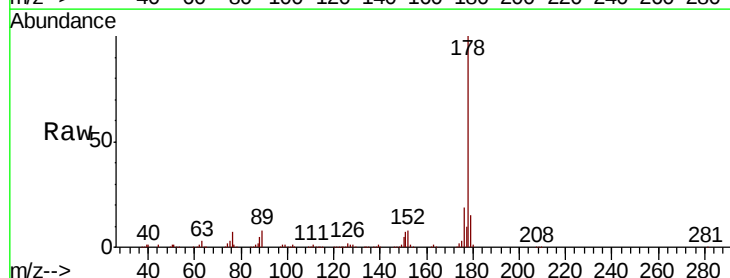
Tgt Ion:178 Resp: 713402

Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

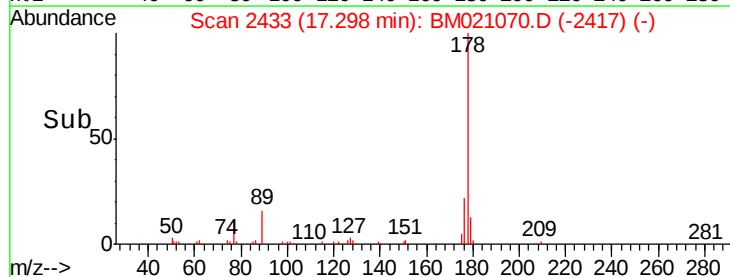
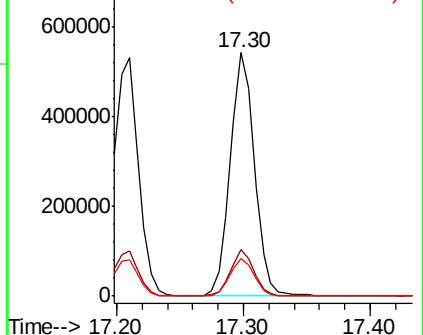
179 15.4 12.2 18.2

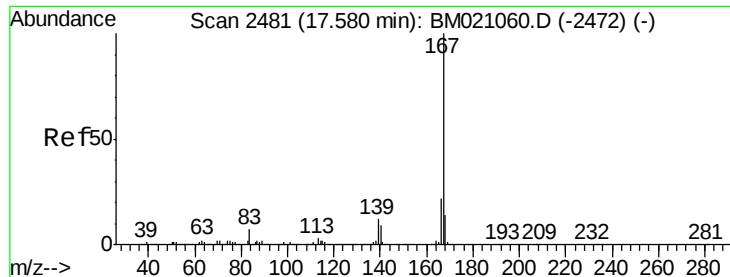


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 8.033 ng

RT: 17.57 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

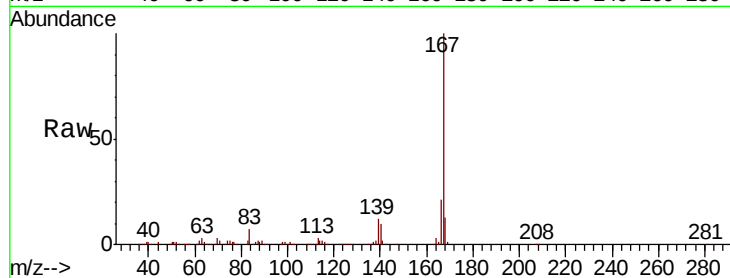
Tgt Ion:167 Resp: 647601

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

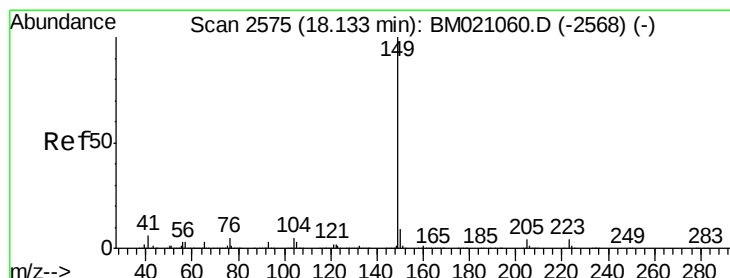
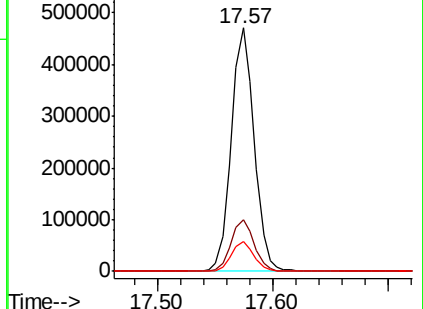
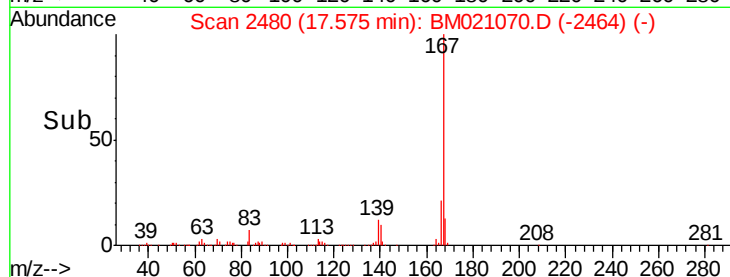
139 12.2 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 7.490 ng

RT: 18.13 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

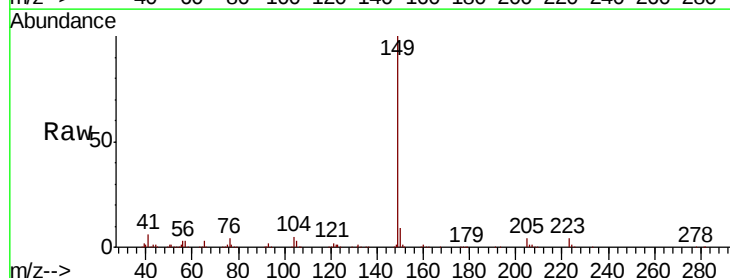
Tgt Ion:149 Resp: 739140

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

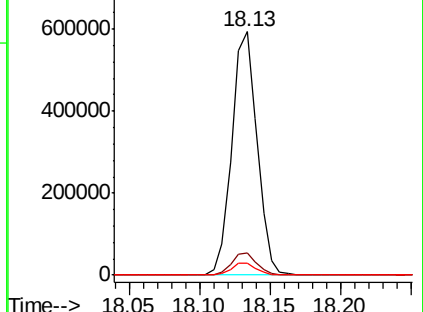
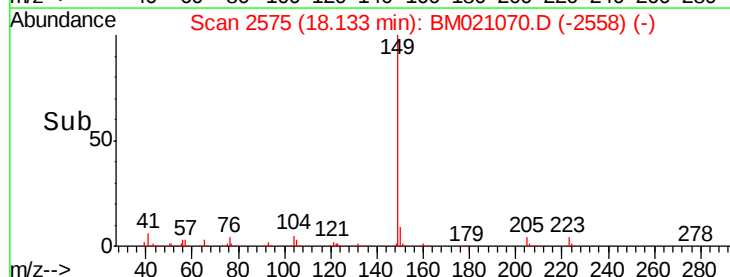
104 4.8 3.8 5.8

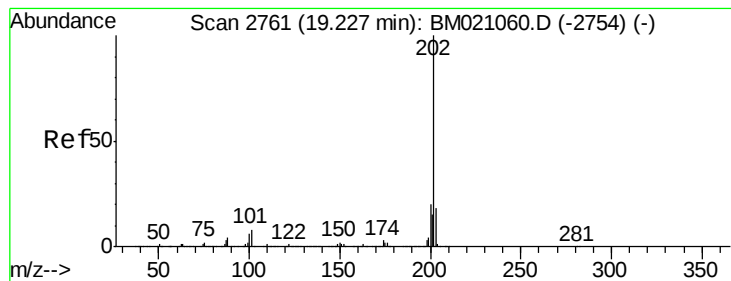


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 8.504 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

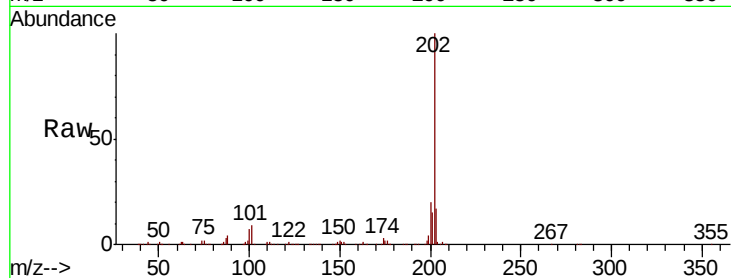
Tgt Ion:202 Resp: 903839

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.2

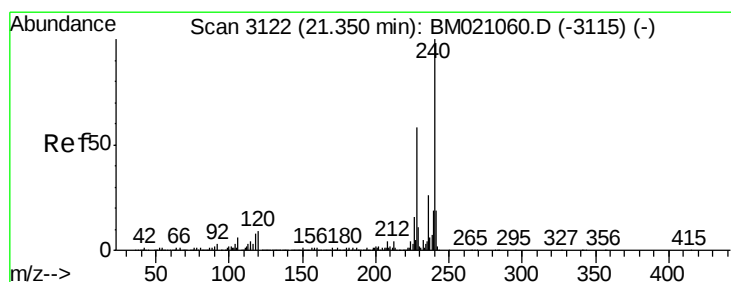
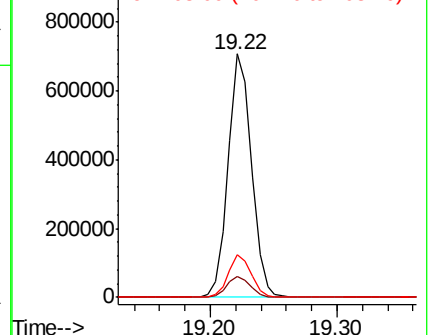
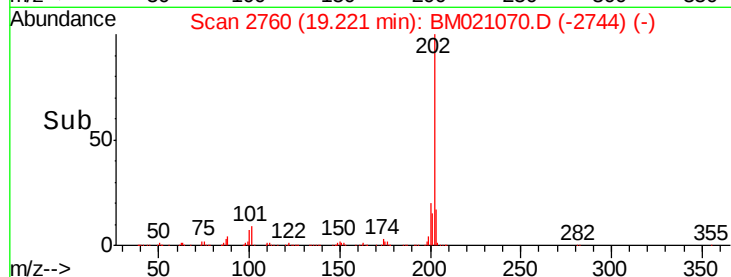
203 17.5 0.0 37.6



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: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

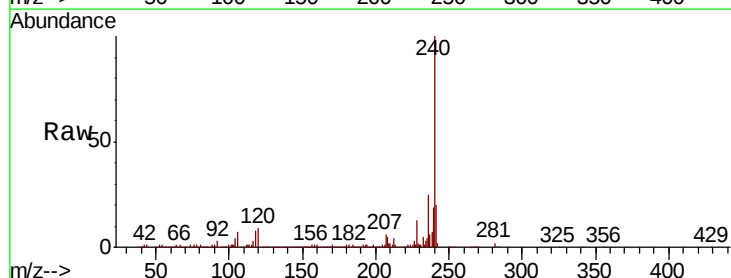
Tgt Ion:240 Resp: 1825652

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

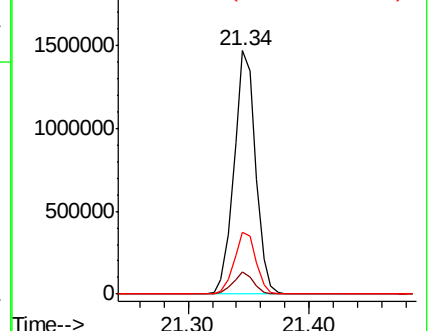
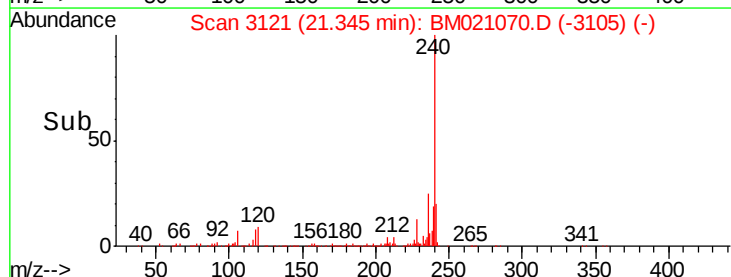
236 25.4 20.4 30.6

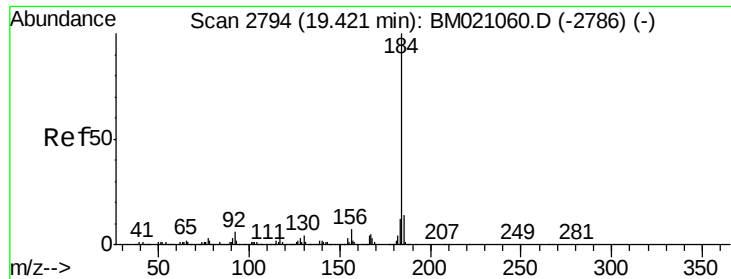


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.778 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

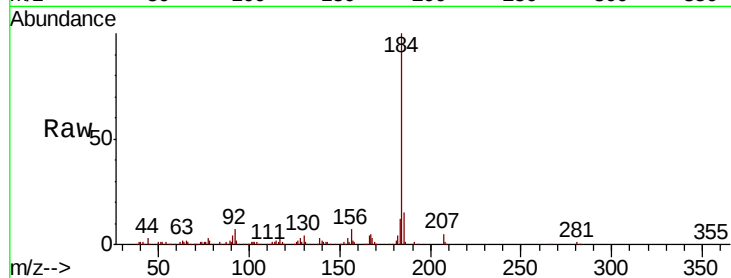
BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tgt Ion:184 Resp: 359310

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.4	17.2
183	11.8	9.6	14.4

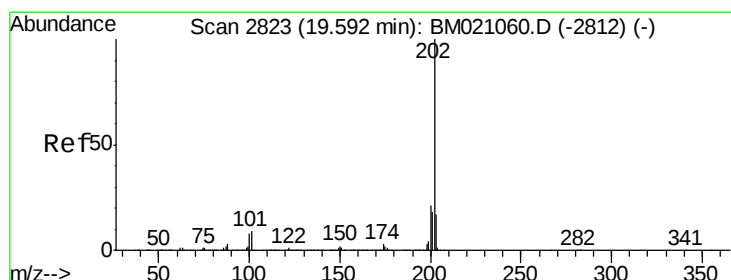
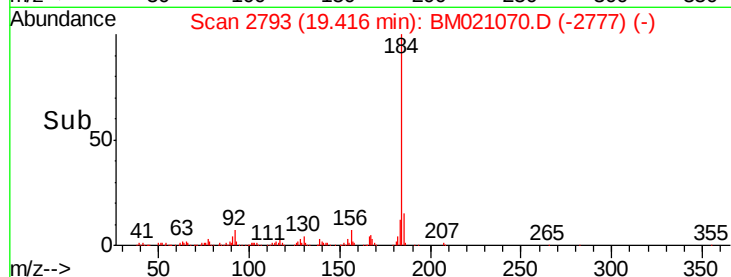
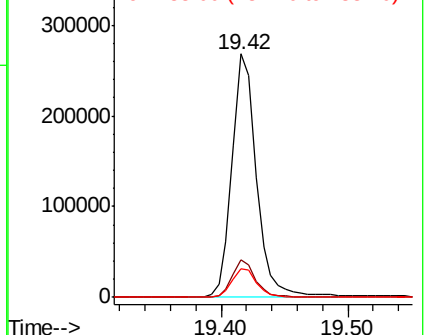


Abundance

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: 7.056 ng

RT: 19.59 min Scan# 2822

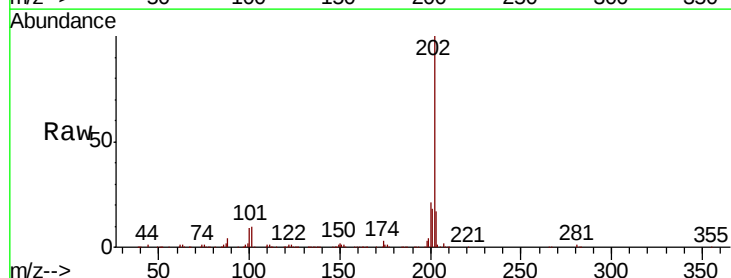
Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Tgt Ion:202 Resp: 934218

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	17.3	14.0	21.0

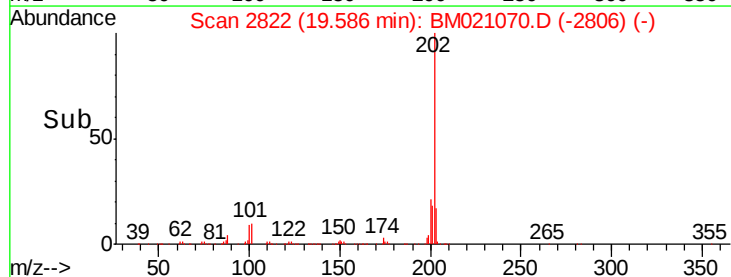
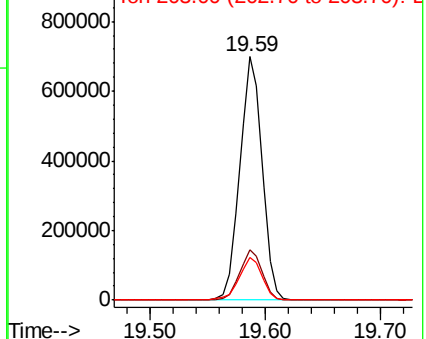


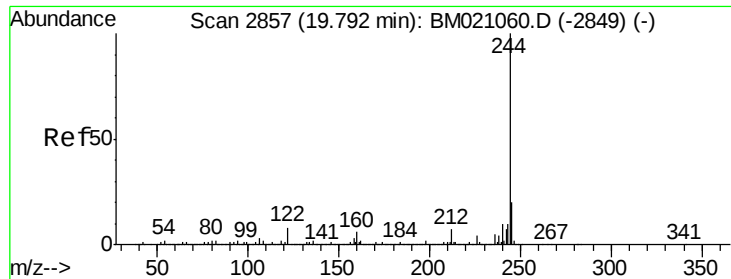
Abundance

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: 21.718 ng

RT: 19.79 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

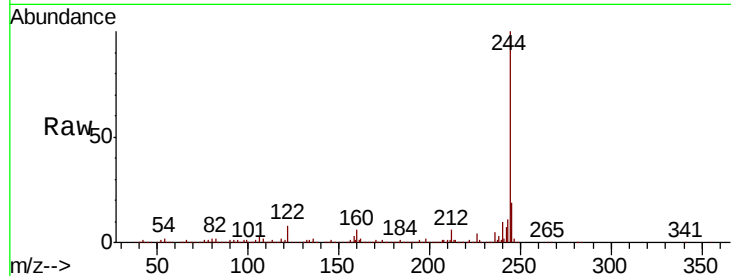
Tgt Ion:244 Resp: 2122847

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

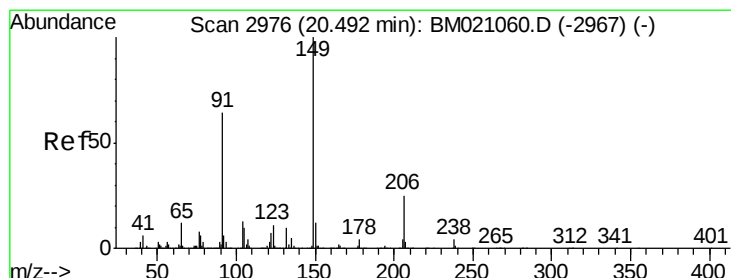
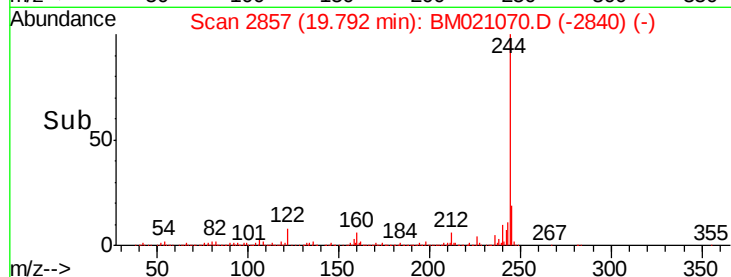
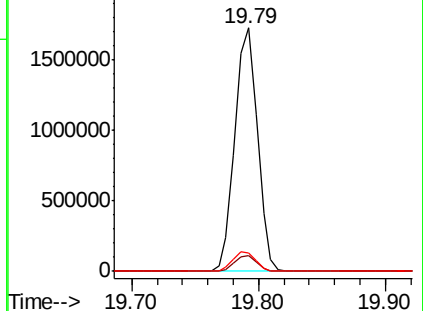
122 7.8 6.6 9.8



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: 6.436 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

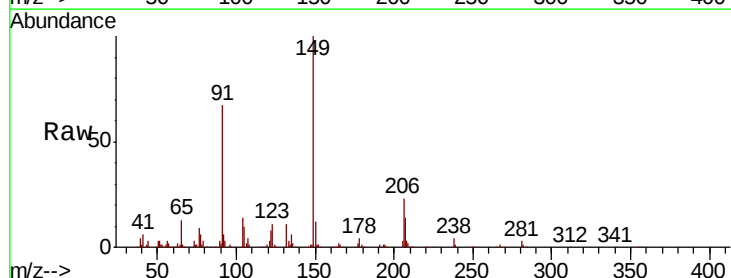
Tgt Ion:149 Resp: 339679

Ion Ratio Lower Upper

149 100

91 66.5 50.9 76.3

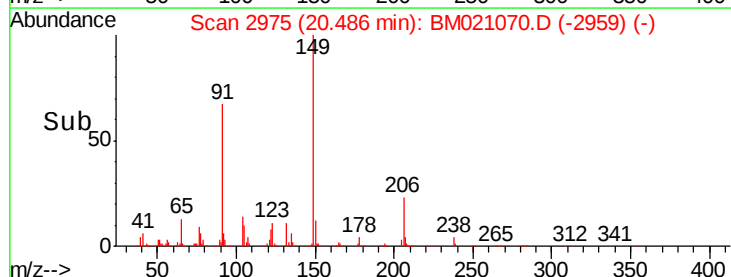
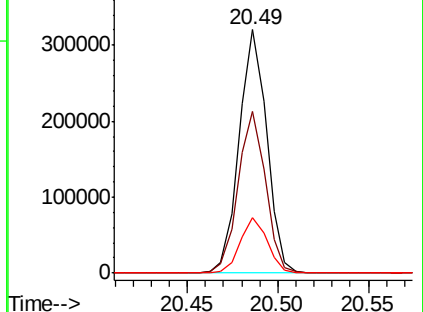
206 23.0 19.7 29.5

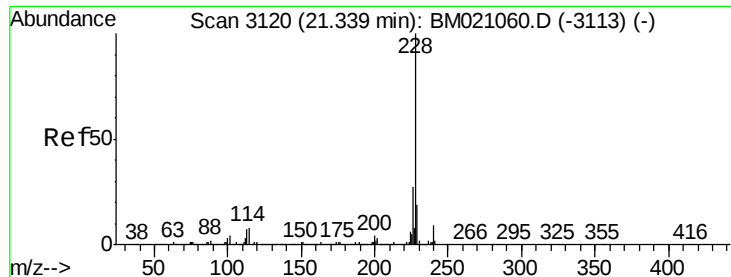


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

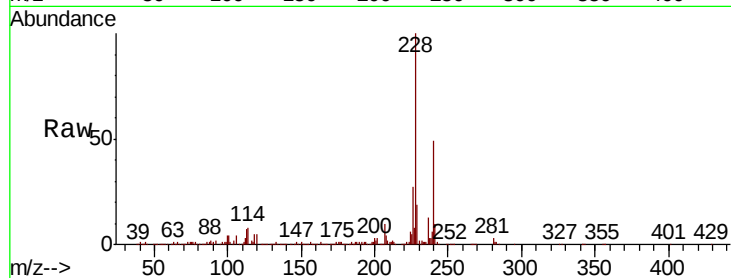




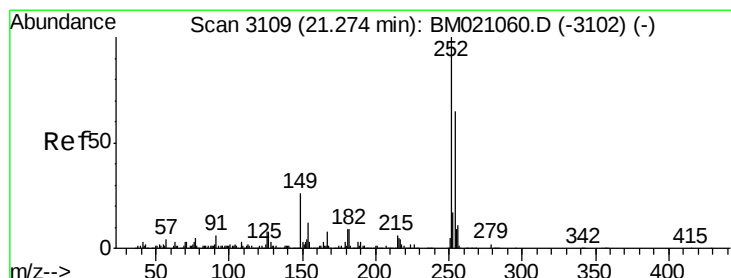
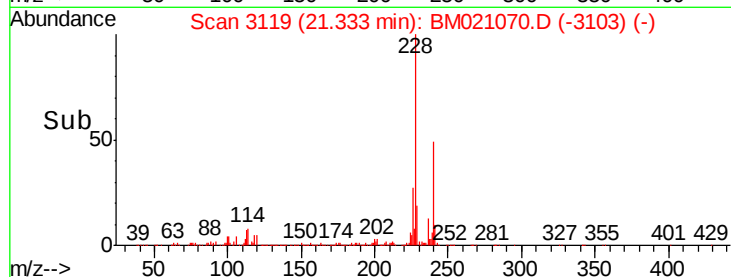
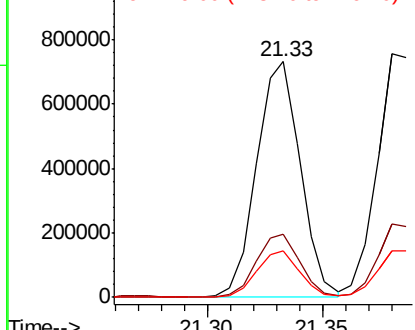
#81
Benzo(a)anthracene
Concen: 7.740 ng
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tgt Ion: 228 Resp: 963252
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.5 15.5 23.3

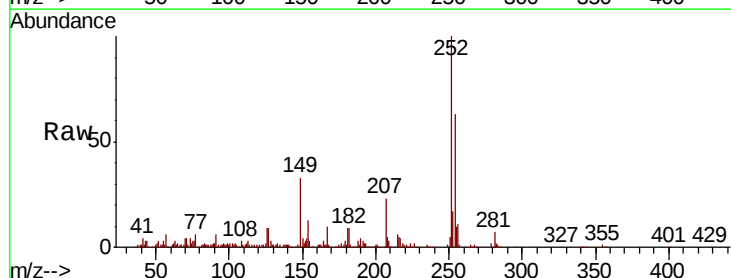


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

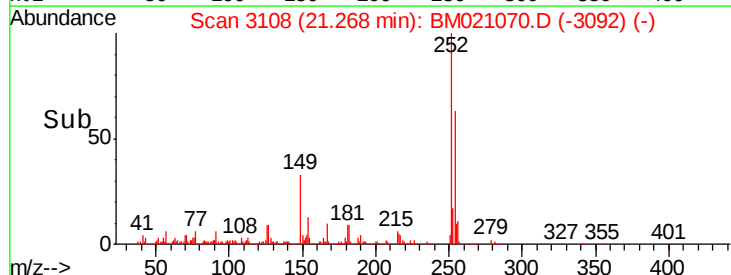
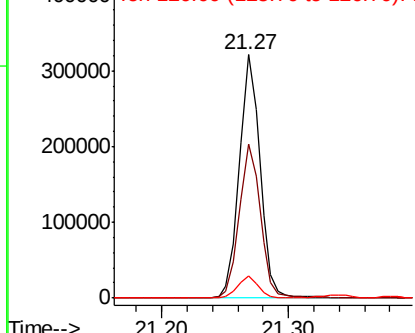


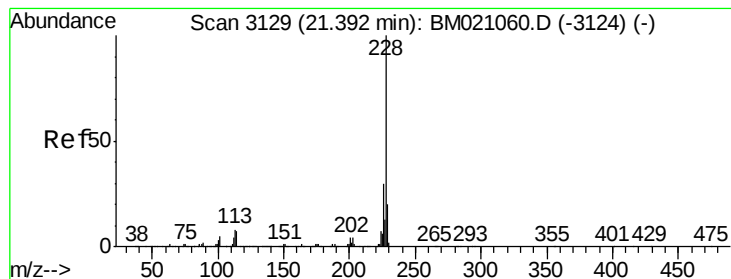
#82
3,3'-Dichlorobenzidine
Concen: 7.746 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion: 252 Resp: 365103
Ion Ratio Lower Upper
252 100
254 63.4 51.7 77.5
126 9.1 6.6 9.8



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





#83

Chrysene

Concen: 8.118 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

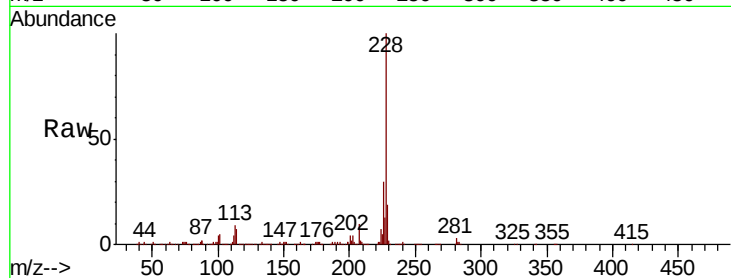
Tgt Ion:228 Resp: 962468

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

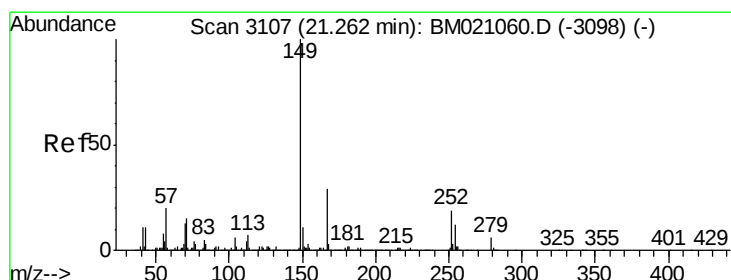
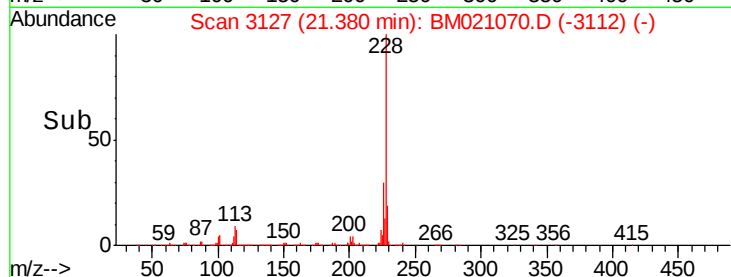
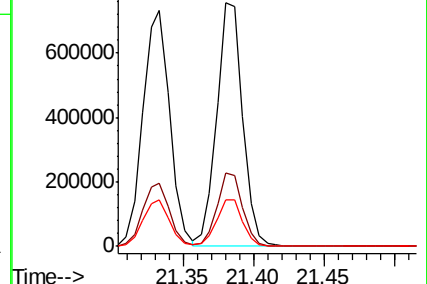
229 19.2 15.6 23.4



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: 6.892 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

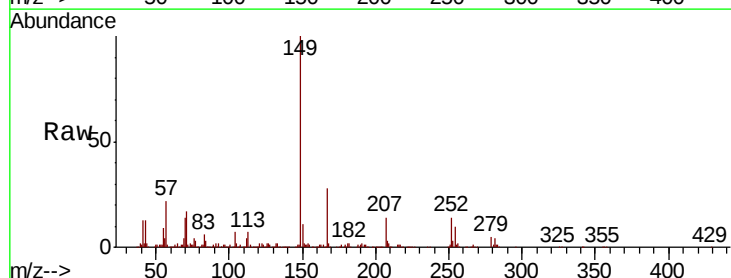
Tgt Ion:149 Resp: 517641

Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.4

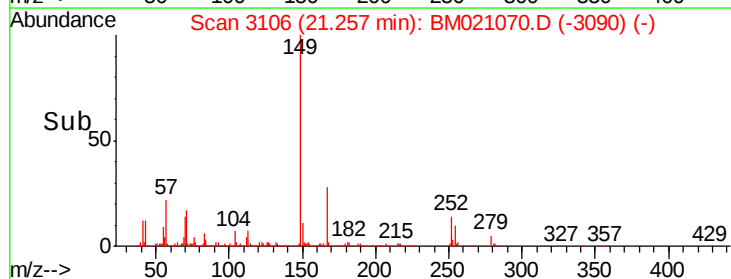
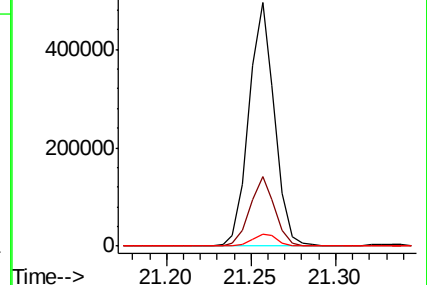
279 5.0 4.6 7.0

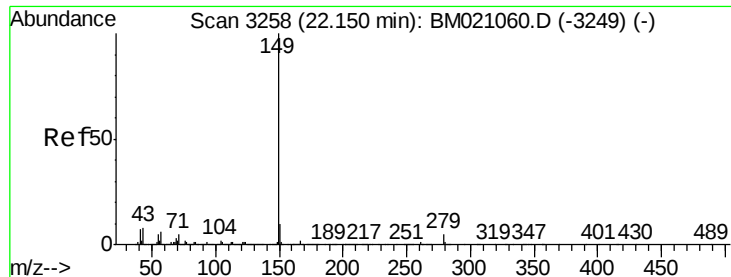


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 7.621 ng

RT: 22.14 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

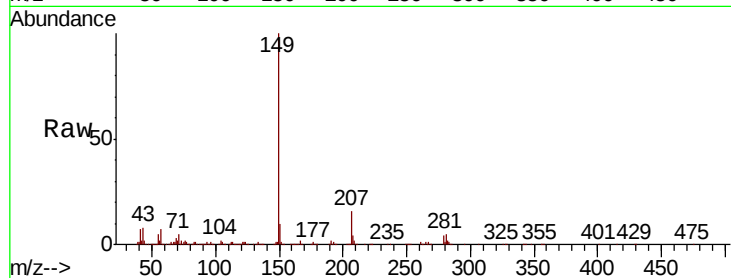
Tgt Ion:149 Resp: 900266

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

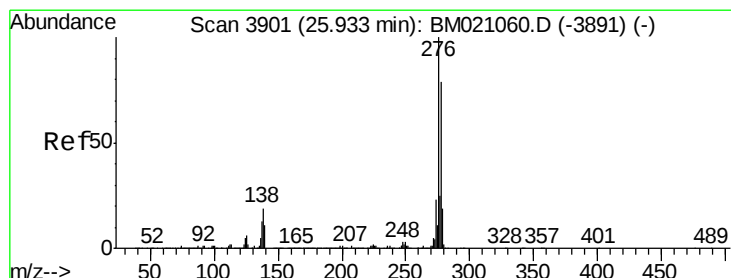
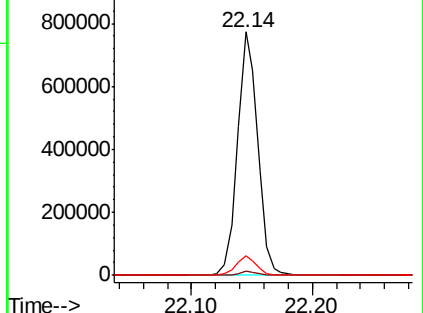
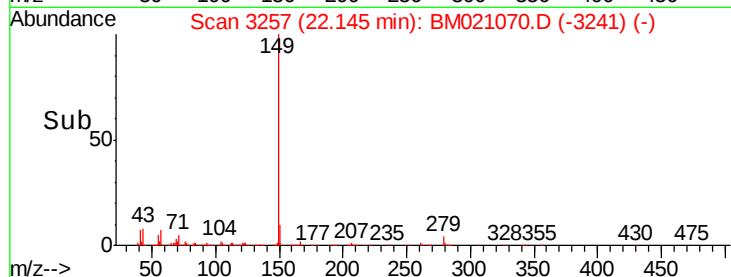
43 7.9 6.2 9.2



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: 8.904 ng

RT: 25.92 min Scan# 3898

Delta R.T. -0.02 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

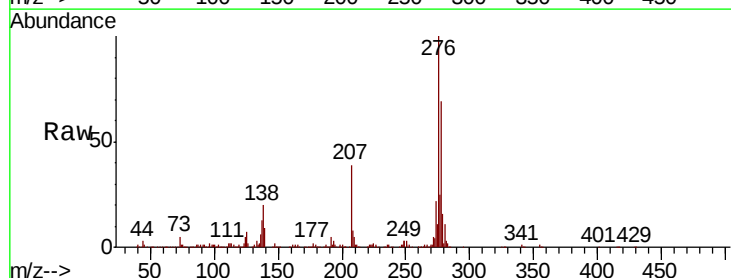
Tgt Ion:276 Resp: 1168037

Ion Ratio Lower Upper

276 100

138 19.8 15.4 23.0

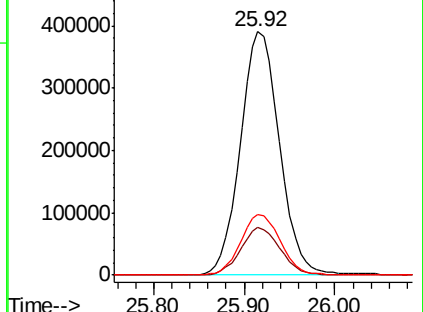
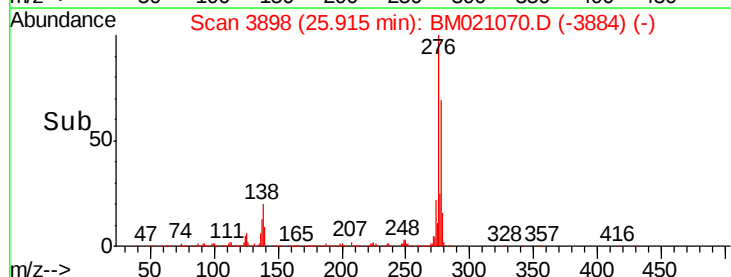
277 25.3 20.4 30.6

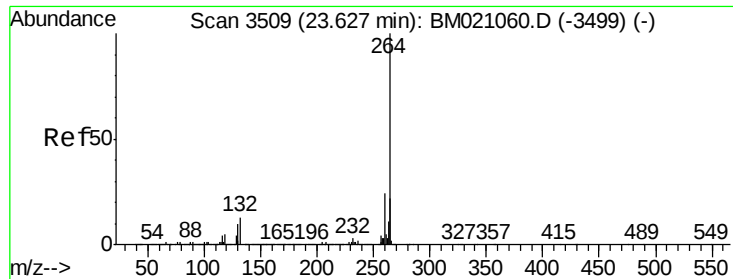


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.62 min Scan# 3508

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

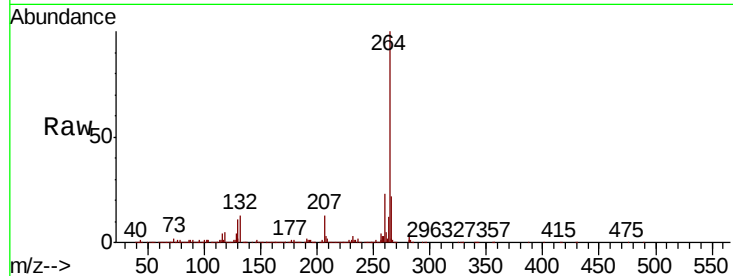
Tgt Ion:264 Resp: 2108358

Ion Ratio Lower Upper

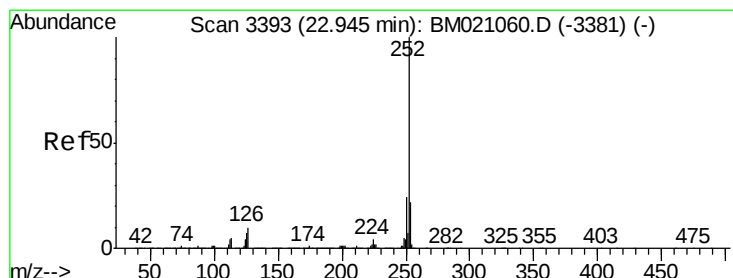
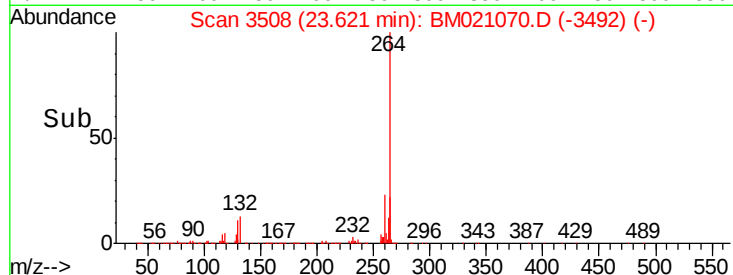
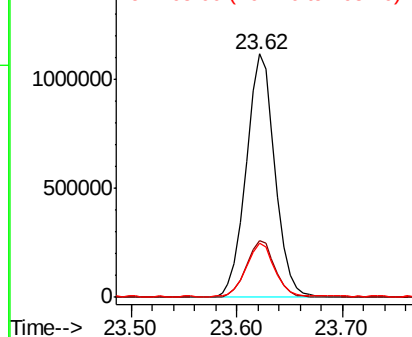
264 100

260 23.4 19.0 28.4

265 22.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 7.357 ng

RT: 22.93 min Scan# 3391

Delta R.T. -0.01 min

Lab File: BM021070.D

Acq: 21 Jun 2019 01:33

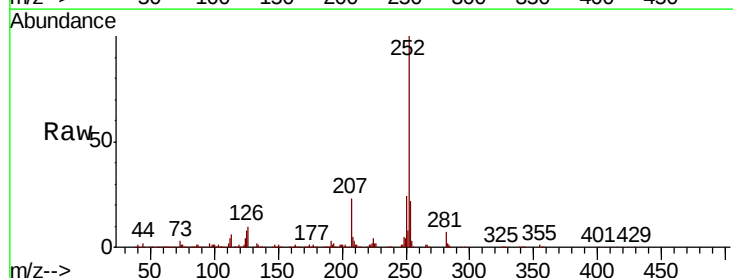
Tgt Ion:252 Resp: 1046443

Ion Ratio Lower Upper

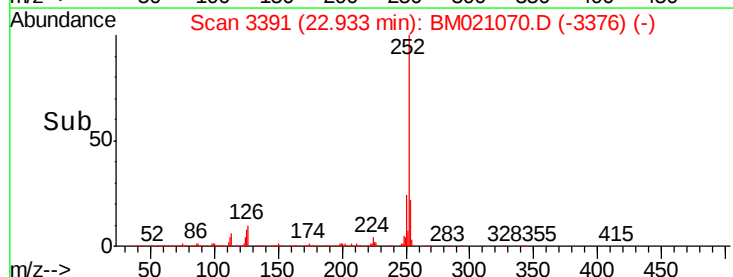
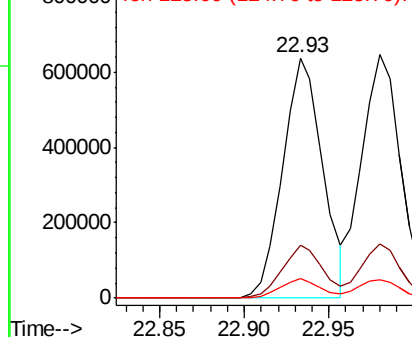
252 100

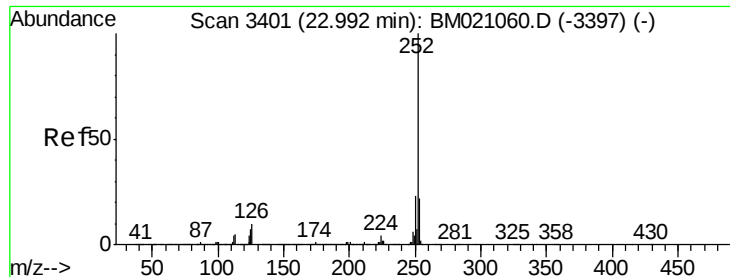
253 22.0 17.4 26.0

125 8.1 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

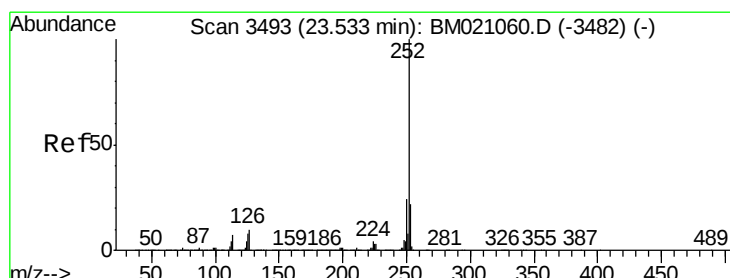
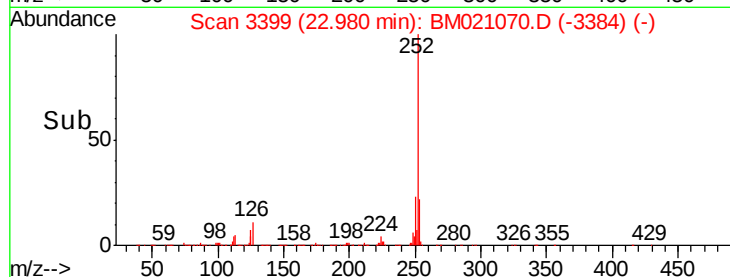
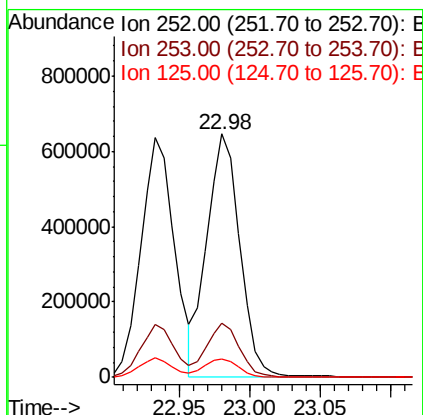
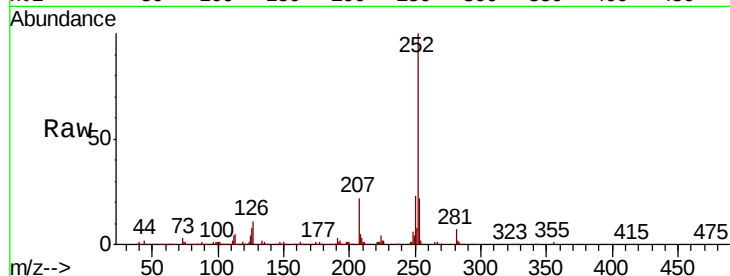




#89
Benzo(k)fluoranthene
Concen: 7.556 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

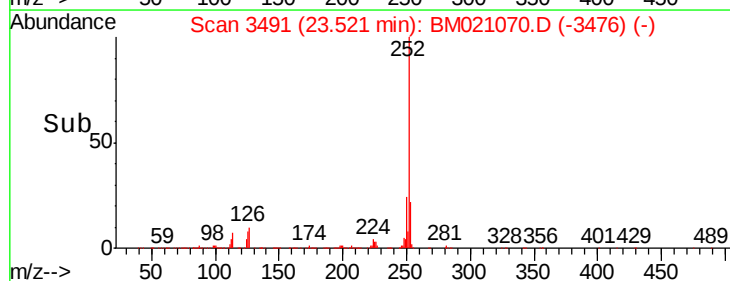
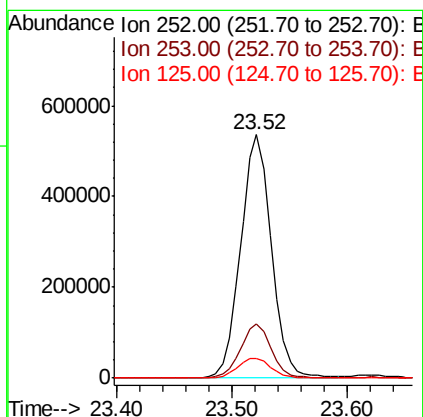
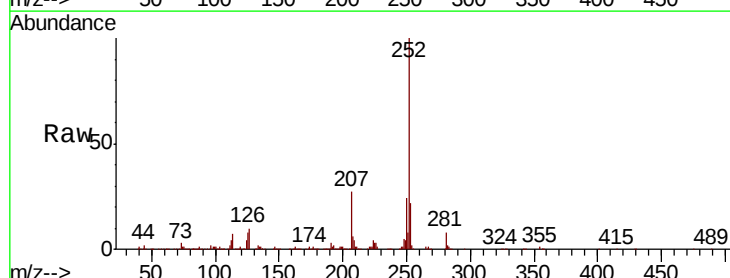
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

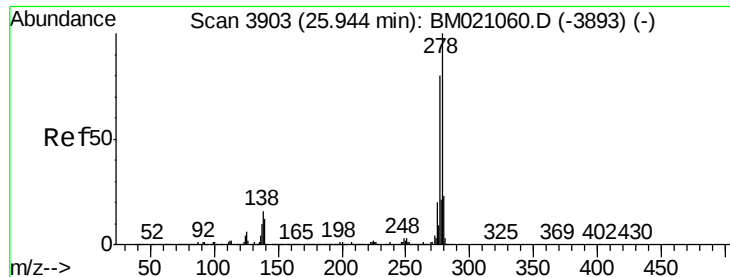
Tgt Ion:252 Resp: 1038850
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 7.5 5.9 8.9



#90
Benzo(a)pyrene
Concen: 7.718 ng
RT: 23.52 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion:252 Resp: 990495
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.1 6.6 10.0



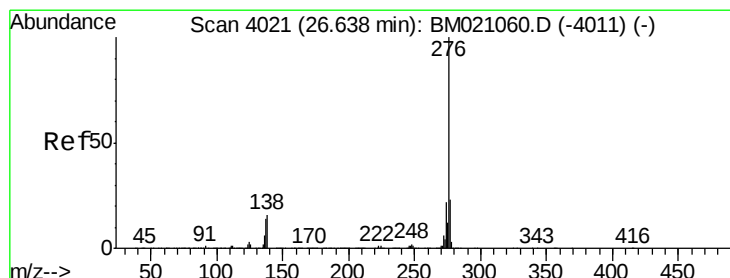
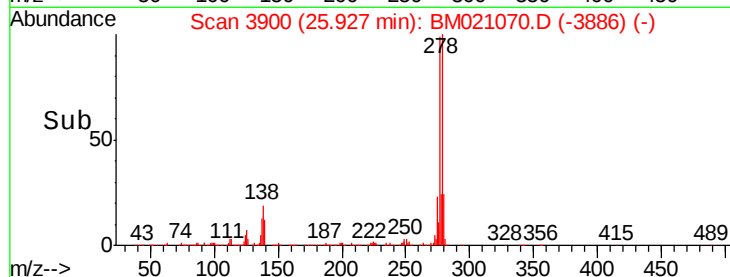
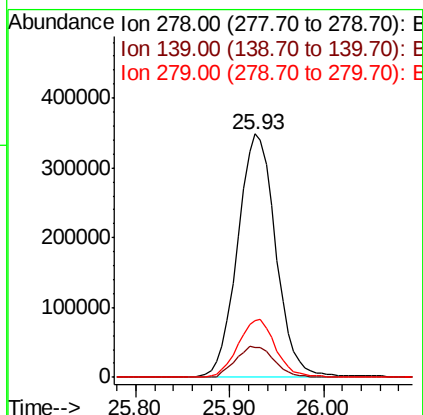
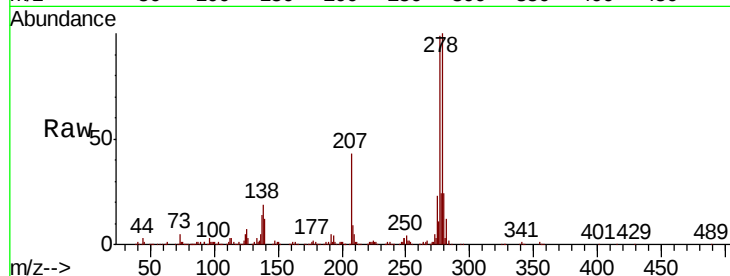


#91
Dibenzo(a,h)anthracene
Concen: 7.664 ng
RT: 25.93 min Scan# 3900
Delta R.T. -0.02 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tgt Ion: 278 Resp: 980678

Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.8	14.8
279	23.5	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 7.888 ng
RT: 26.62 min Scan# 4018
Delta R.T. -0.02 min
Lab File: BM021070.D
Acq: 21 Jun 2019 01:33

Tgt Ion: 276 Resp: 941182

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	17.0	13.1	19.7

