

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062119\
 Data File : BM021077.D
 Acq On : 21 Jun 2019 09:53
 Operator : HP/JU
 Sample : K2241-09
 Misc : LOD-W-8PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 21 23:28:06 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	226498	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	962775	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	657064	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1572562	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1435980	20.00	ng	0.00
87) Perylene-d12	23.62	264	1477600	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1519912	121.51	ng	0.00
7) Phenol-d6	6.95	99	2134139	117.16	ng	0.00
23) Nitrobenzene-d5	8.94	82	1510530	81.77	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	1638204	132.87	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	4705561	88.01	ng	0.00
79) Terphenyl-d14	19.79	244	7935063	103.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	38872	8.248	ng	97
3) Pyridine	3.73	79	96673	7.134	ng	98
4) n-Nitrosodimethylamine	3.64	42	38210	7.323	ng	# 82
6) Aniline	7.12	93	165644	6.828	ng	99
8) 2-Chlorophenol	7.34	128	115642	7.512	ng	97
9) Benzaldehyde	6.93	77	109641	7.256	ng	99
10) Phenol	6.98	94	136211	7.319	ng	100
11) bis(2-Chloroethyl)ether	7.21	93	108741	7.381	ng	99
12) 1,3-Dichlorobenzene	7.66	146	133005	7.131	ng	97
13) 1,4-Dichlorobenzene	7.82	146	137121	7.231	ng	100
14) 1,2-Dichlorobenzene	8.13	146	133087	7.162	ng	99
15) Benzyl Alcohol	8.02	79	103128	6.992	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	145602	7.640	ng	99
17) 2-Methylphenol	8.22	107	95345	7.173	ng	98
18) Hexachloroethane	8.85	117	47995	7.049	ng	92
19) n-Nitroso-di-n-propylamine	8.58	70	100148	7.555	ng	99
20) 3+4-Methylphenols	8.54	107	127154	6.949	ng	97
22) Acetophenone	8.60	105	203091	8.278	ng	# 99
24) Nitrobenzene	8.98	77	152027	8.308	ng	100
25) Isophorone	9.50	82	268756	7.775	ng	99
26) 2-Nitrophenol	9.69	139	59817	6.676	ng	95
27) 2,4-Dimethylphenol	9.74	122	107306	8.211	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	164524	7.660	ng	98
29) 2,4-Dichlorophenol	10.22	162	118767	7.022	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	147689	7.407	ng	99
31) Naphthalene	10.62	128	403227	7.914	ng	99
32) Benzoic acid	9.83	122	38105	3.604	ng	95
33) 4-Chloroaniline	10.74	127	166719	7.208	ng	99
34) Hexachlorobutadiene	10.89	225	90705	7.205	ng	99
35) Caprolactam	11.53	113	34748	6.568	ng	97
36) 4-Chloro-3-methylphenol	11.85	107	127533	7.410	ng	96
37) 2-Methylnaphthalene	12.23	142	314070	8.011	ng	99
38) 1-Methylnaphthalene	12.45	142	302379	8.087	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	194885	7.836	ng	100

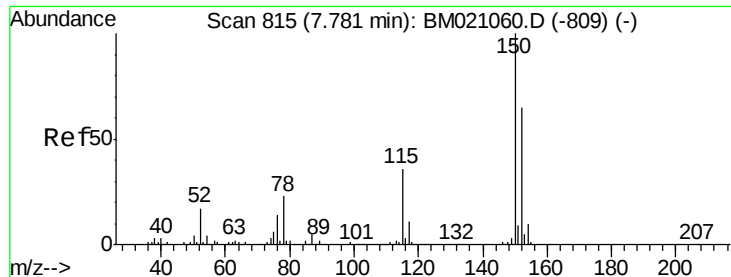
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062119\
 Data File : BM021077.D
 Acq On : 21 Jun 2019 09:53
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	97624	6.771	ng	96
43) 2,4,6-Trichlorophenol	12.84	196	107976	6.561	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	117439	6.891	ng	99
46) 1,1'-Biphenyl	13.25	154	462078	8.217	ng	99
47) 2-Chloronaphthalene	13.29	162	339779	7.439	ng	99
48) 2-Nitroaniline	13.50	65	78601	6.291	ng	95
49) Acenaphthylene	14.14	152	533992	7.683	ng	100
50) Dimethylphthalate	13.87	163	445500	7.626	ng	99
51) 2,6-Dinitrotoluene	14.00	165	90914	7.234	ng	98
52) Acenaphthene	14.48	154	319411	7.616	ng	99
53) 3-Nitroaniline	14.33	138	81274	6.343	ng	97
54) 2,4-Dinitrophenol	14.55	184	33572	4.973	ng	98
55) Dibenzofuran	14.82	168	539885	7.892	ng	98
56) 4-Nitrophenol	14.64	139	63284	6.459	ng	95
57) 2,4-Dinitrotoluene	14.79	165	116003	6.684	ng	96
58) Fluorene	15.47	166	431323	7.716	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	116773	7.171	ng	96
60) Diethylphthalate	15.25	149	434900	7.559	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	234855	7.437	ng	94
62) 4-Nitroaniline	15.50	138	84115	6.255	ng	94
63) Azobenzene	15.76	77	370099	7.842	ng	97
65) 4,6-Dinitro-2-methylphenol	15.55	198	48780	5.031	ng	92
66) n-Nitrosodiphenylamine	15.68	169	379920	7.665	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	148433	7.090	ng	96
68) Hexachlorobenzene	16.46	284	180544	7.219	ng	99
69) Atrazine	16.63	200	123315	7.651	ng	98
70) Pentachlorophenol	16.82	266	82614	6.131	ng	97
71) Phenanthrene	17.21	178	712604	7.863	ng	100
72) Anthracene	17.30	178	696506	7.758	ng	99
73) Carbazole	17.57	167	599361	7.551	ng	99
74) Di-n-butylphthalate	18.13	149	677384	6.971	ng	100
75) Fluoranthene	19.22	202	799242	7.637	ng	99
77) Benzidine	19.42	184	266898	6.401	ng	99
78) Pyrene	19.59	202	821712	7.890	ng	99
80) Butylbenzylphthalate	20.49	149	274009	6.601	ng	97
81) Benzo(a)anthracene	21.33	228	752684	7.689	ng	98
82) 3,3'-Dichlorobenzidine	21.27	252	267813	7.223	ng	99
83) Chrysene	21.38	228	748597	8.028	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	398613	6.747	ng	97
85) Di-n-octyl phthalate	22.14	149	640326	6.892	ng	99
86) Indeno(1,2,3-cd)pyrene	25.92	276	803718	7.789	ng	99
88) Benzo(b)fluoranthene	22.93	252	740904	7.433	ng	99
89) Benzo(k)fluoranthene	22.98	252	738568	7.665	ng	99
90) Benzo(a)pyrene	23.52	252	688378	7.653	ng	99
91) Dibenzo(a,h)anthracene	25.93	278	675997	7.538	ng	100
92) Benzo(g,h,i)perylene	26.63	276	655108	7.834	ng	98

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

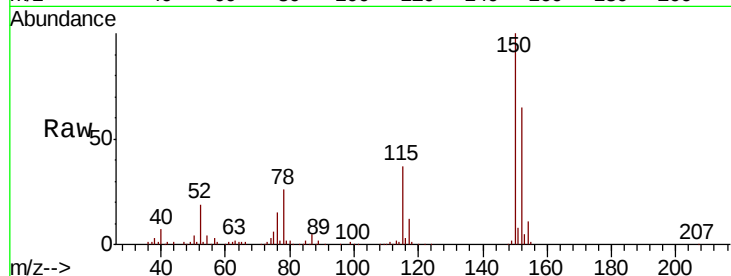


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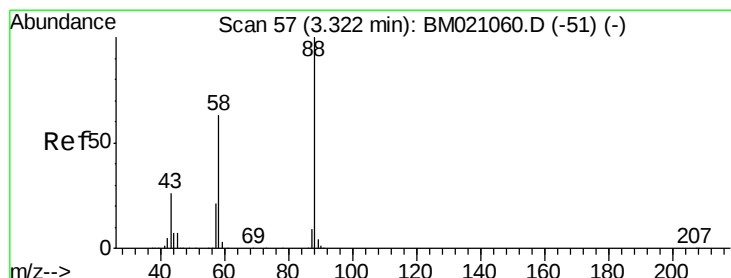
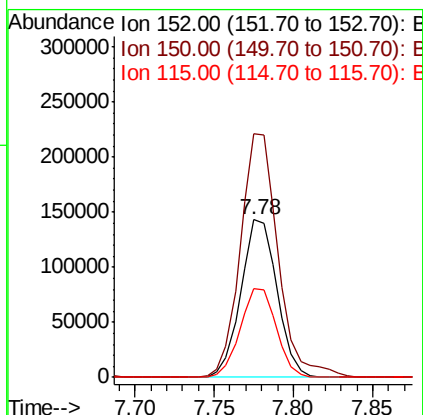
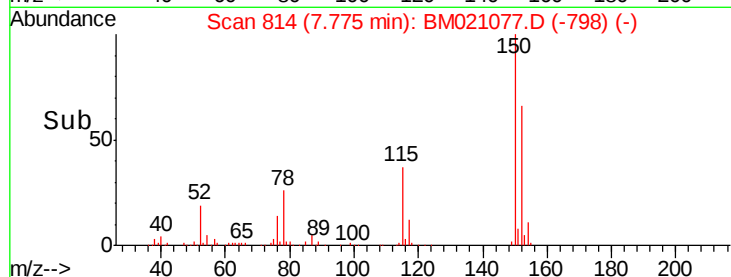
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tgt Ion:152 Resp: 226498
Ion Ratio Lower Upper
152 100
150 154.7 123.1 184.7
115 56.6 44.2 66.4



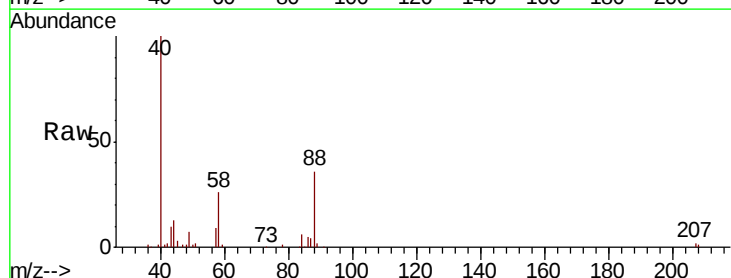
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



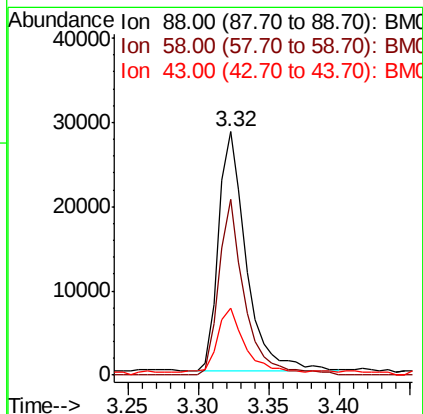
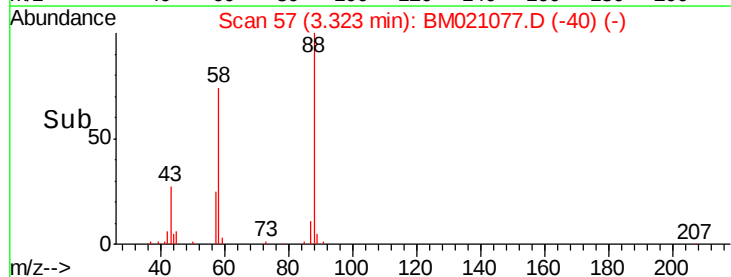
#2

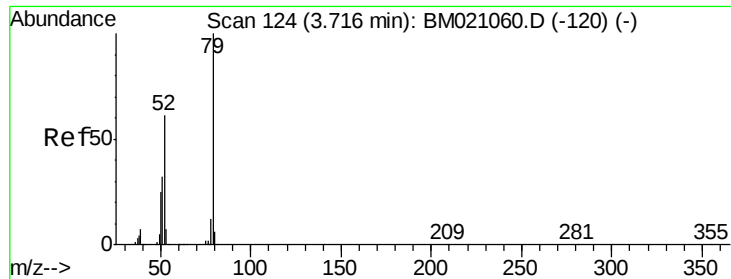
1,4-Dioxane
Concen: 8.248 ng
RT: 3.32 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion: 88 Resp: 38872
Ion Ratio Lower Upper
88 100
58 68.3 51.9 77.9
43 26.8 21.4 32.2



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 7.134 ng

RT: 3.73 min Scan# 127

Delta R.T. 0.02 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

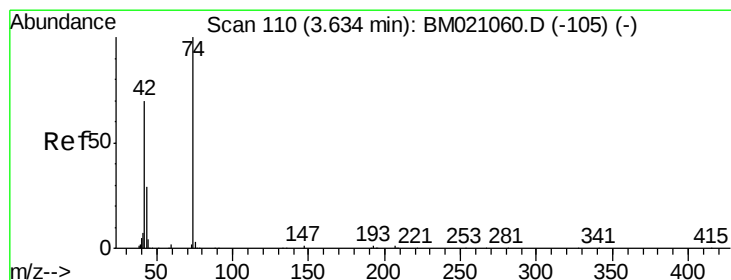
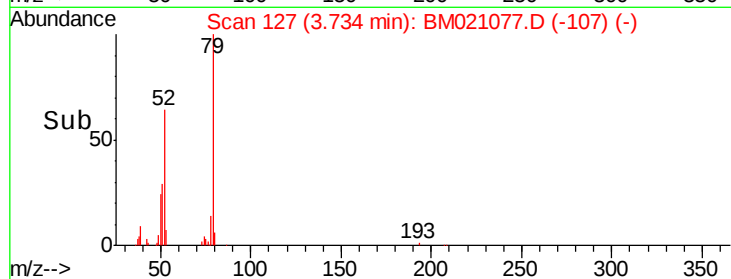
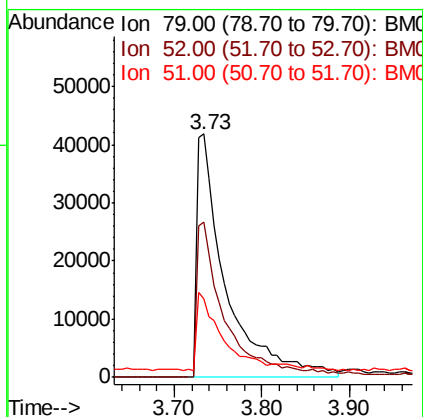
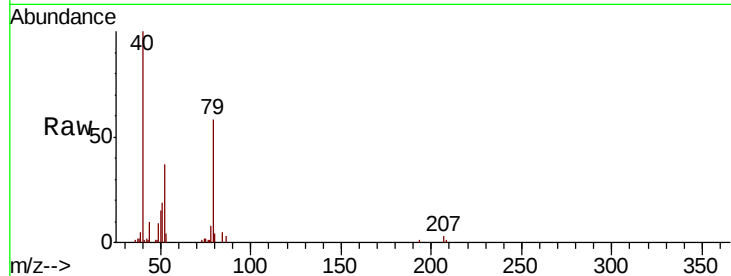
Tgt Ion: 79 Resp: 96673

Ion Ratio Lower Upper

79 100

52 63.7 48.8 73.2

51 32.0 25.7 38.5



#4

n-Nitrosodimethylamine

Concen: 7.323 ng

RT: 3.64 min Scan# 111

Delta R.T. 0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

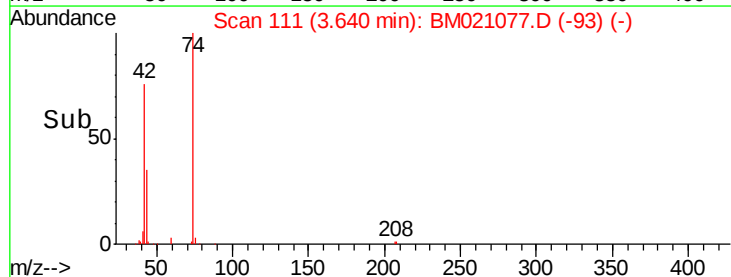
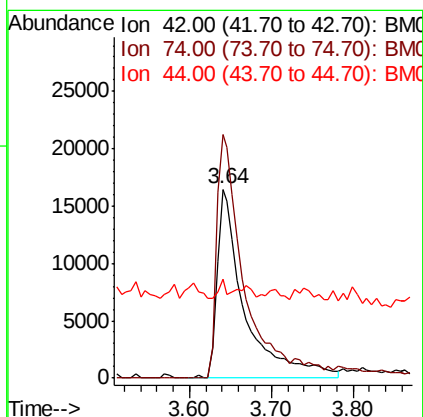
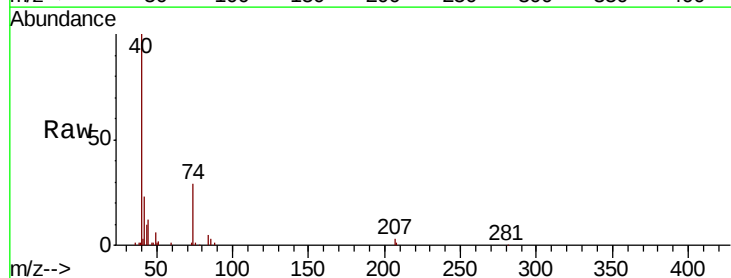
Tgt Ion: 42 Resp: 38210

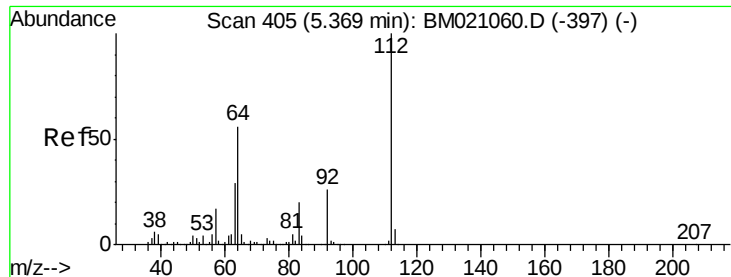
Ion Ratio Lower Upper

42 100

74 128.7 113.8 170.6

44 52.0 8.2 12.2#





#5

2-Fluorophenol

Concen: 121.509 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

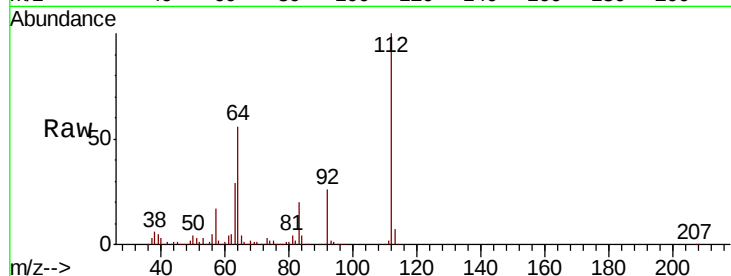
Tgt Ion: 112 Resp: 1519912

Ion Ratio Lower Upper

112 100

64 55.6 45.2 67.8

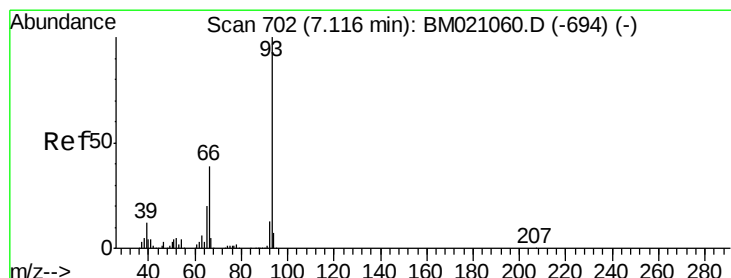
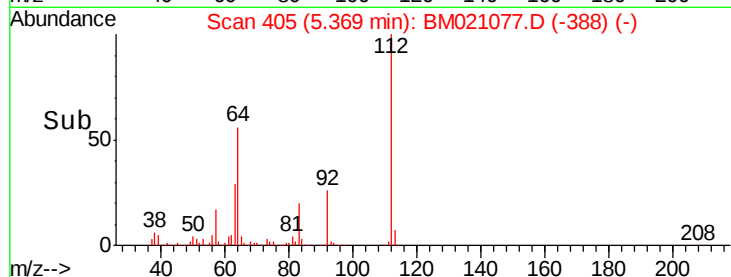
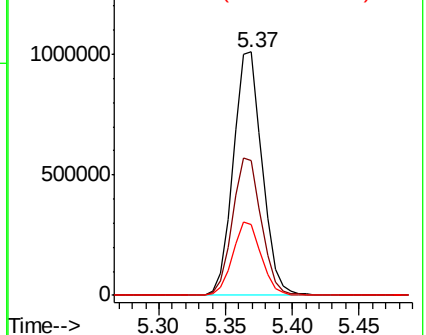
63 28.9 23.5 35.3



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: 6.828 ng

RT: 7.12 min Scan# 702

Delta R.T. 0.00 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

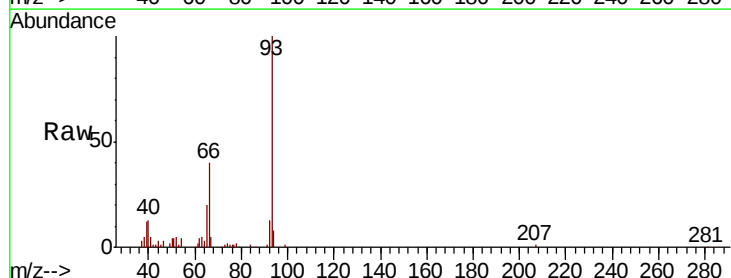
Tgt Ion: 93 Resp: 165644

Ion Ratio Lower Upper

93 100

66 40.4 31.3 46.9

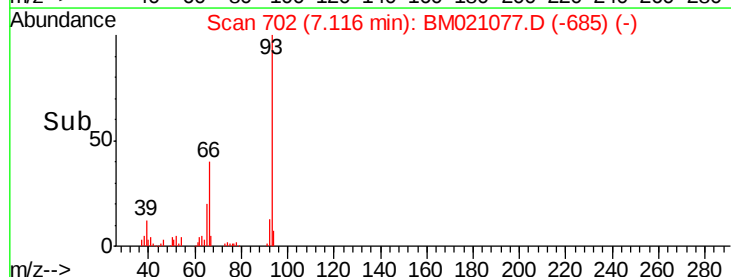
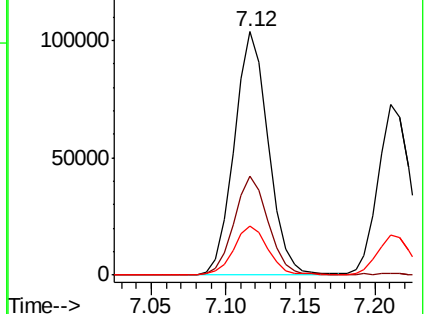
65 20.0 15.9 23.9

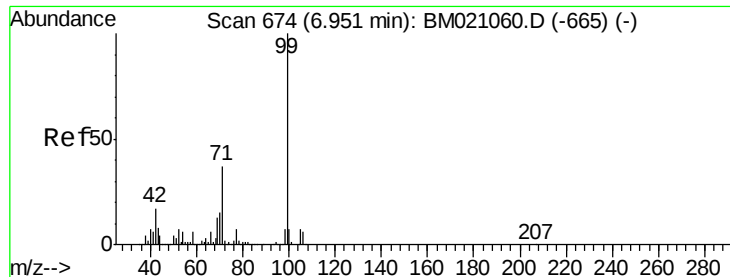


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 117.158 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

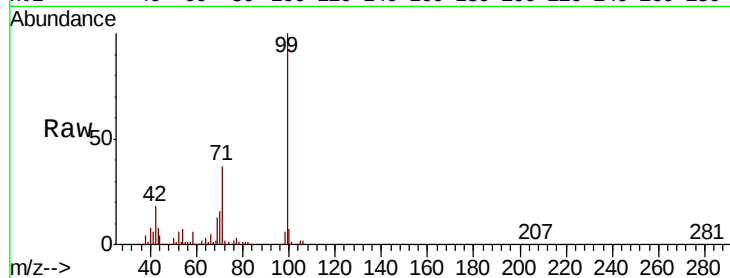
BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tgt Ion: 99 Resp: 2134139

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	37.2	29.3	43.9

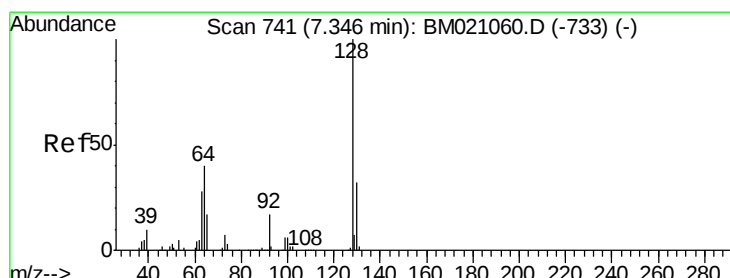
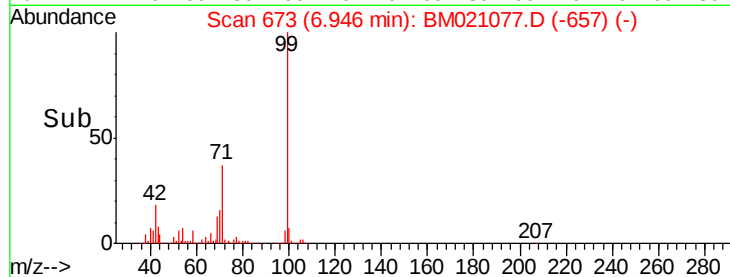


Abundance

Ion 99.00 (98.70 to 99.70): BM021077.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM021077.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM021077.D (-657) (-)



#8

2-Chlorophenol

Concen: 7.512 ng

RT: 7.34 min Scan# 740

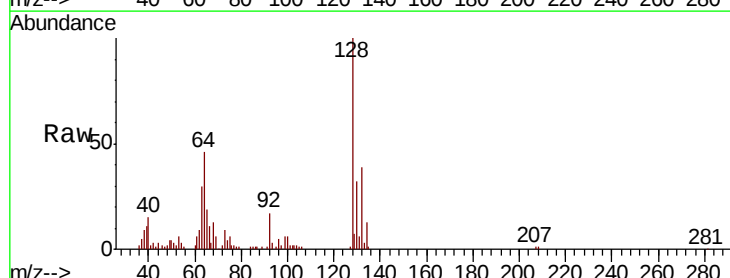
Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Tgt Ion: 128 Resp: 115642

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.2	52.2
64	46.1	23.2	63.2

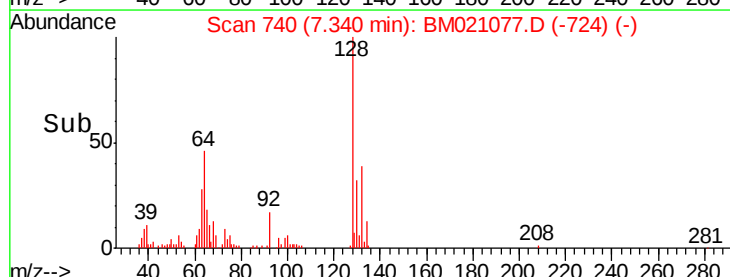


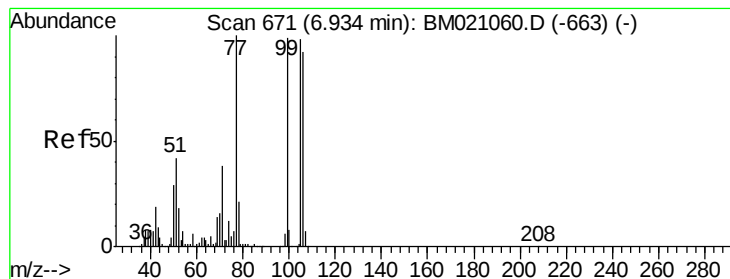
Abundance

Ion 128.00 (127.70 to 128.70): BM021077.D (-724) (-)

Ion 130.00 (129.70 to 130.70): BM021077.D (-724) (-)

Ion 64.00 (63.70 to 64.70): BM021077.D (-724) (-)





#9

Benzaldehyde

Concen: 7.256 ng

RT: 6.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

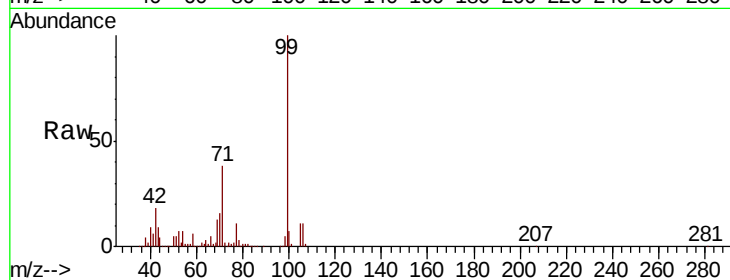
Tgt Ion: 77 Resp: 109641

Ion Ratio Lower Upper

77 100

105 96.3 77.8 117.8

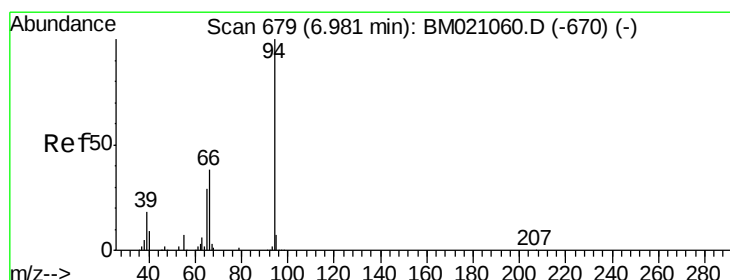
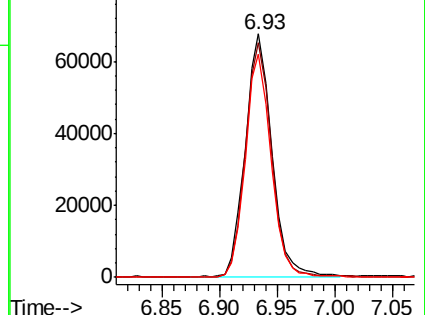
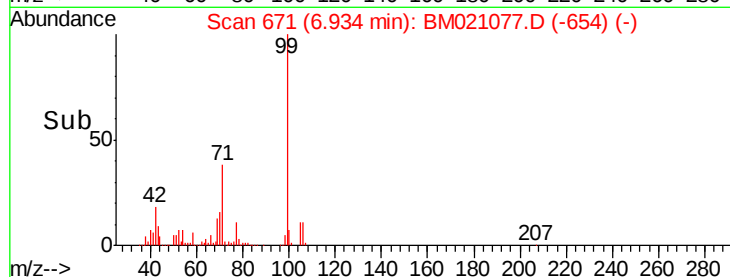
106 91.8 71.8 111.8



Abundance Ion 77.00 (76.70 to 77.70): BM021077.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM021077.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM021077.D (-654) (-)



#10

Phenol

Concen: 7.319 ng

RT: 6.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

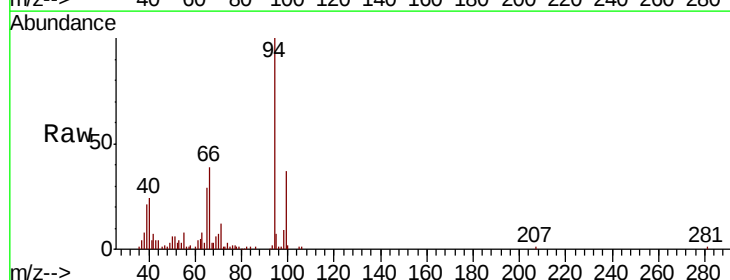
Tgt Ion: 94 Resp: 136211

Ion Ratio Lower Upper

94 100

65 28.6 8.7 48.7

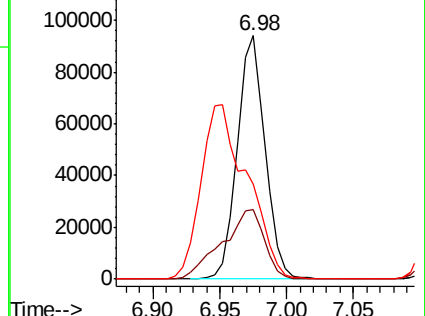
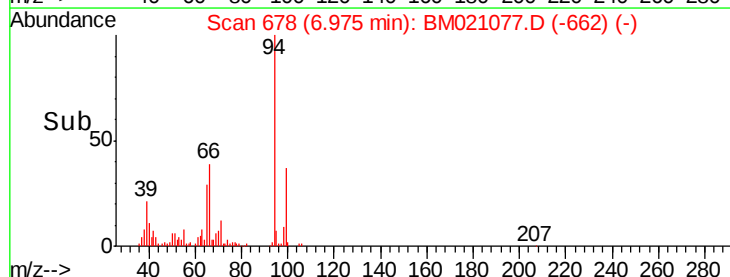
66 39.1 19.0 59.0

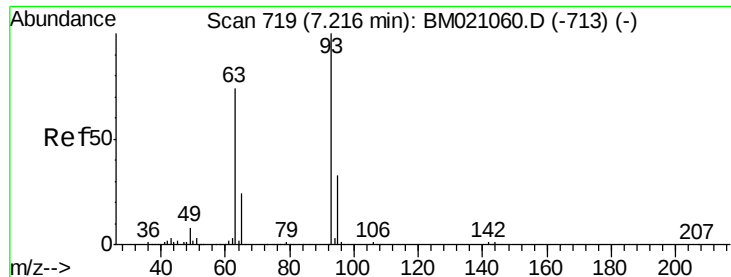


Abundance Ion 94.00 (93.70 to 94.70): BM021077.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM021077.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM021077.D (-662) (-)

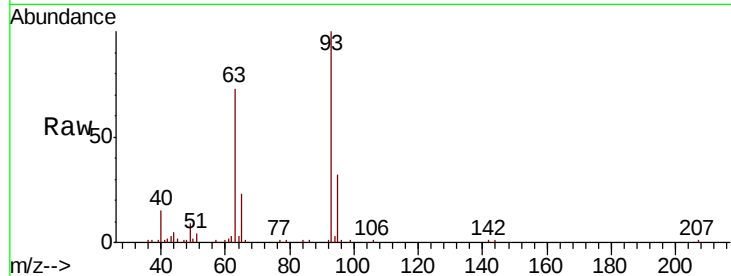




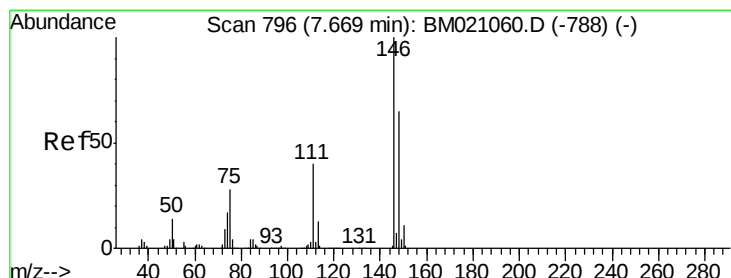
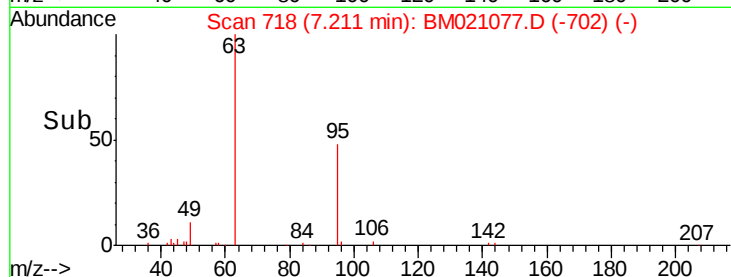
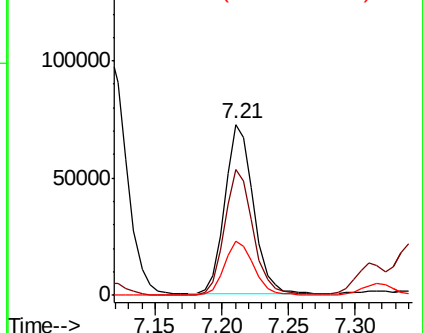
#11
bis(2-Chloroethyl)ether
Concen: 7.381 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tgt Ion: 93 Resp: 108741
Ion Ratio Lower Upper
93 100
63 73.5 53.4 93.4
95 31.5 13.0 53.0

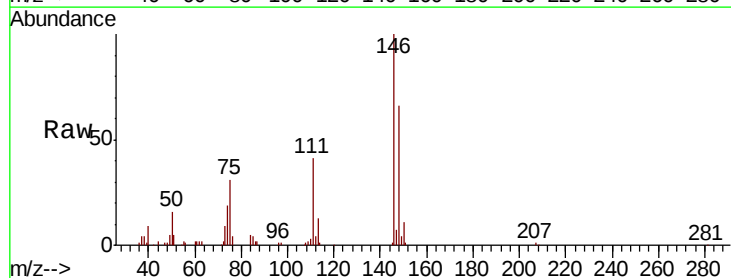


Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0

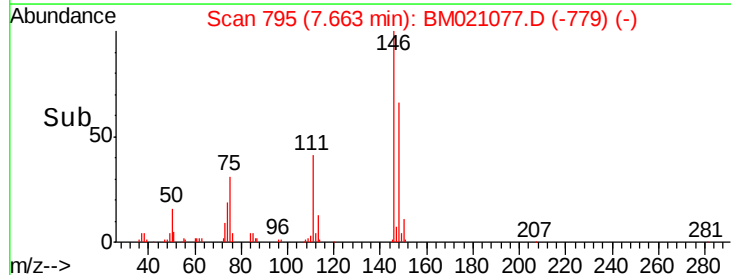
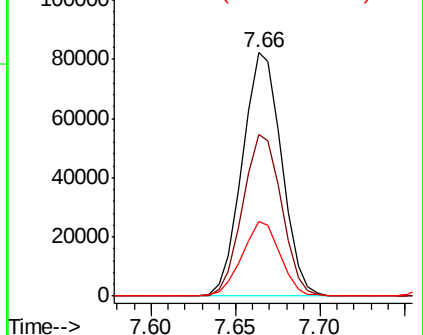


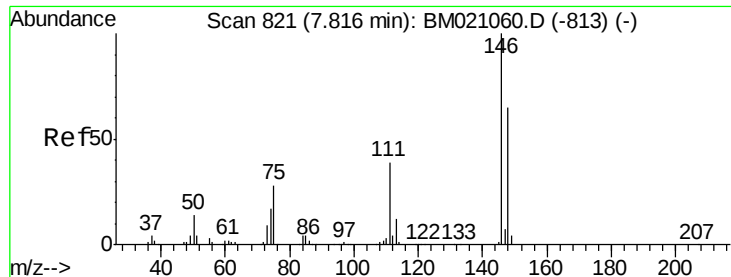
#12
1,3-Dichlorobenzene
Concen: 7.131 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion: 146 Resp: 133005
Ion Ratio Lower Upper
146 100
148 66.2 52.2 78.2
75 30.7 22.2 33.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BM0

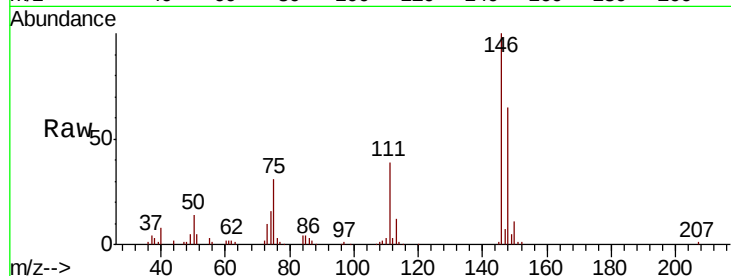




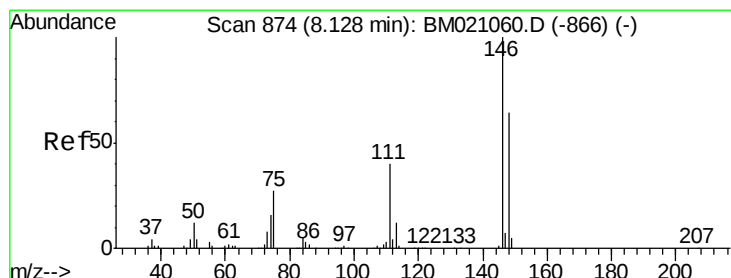
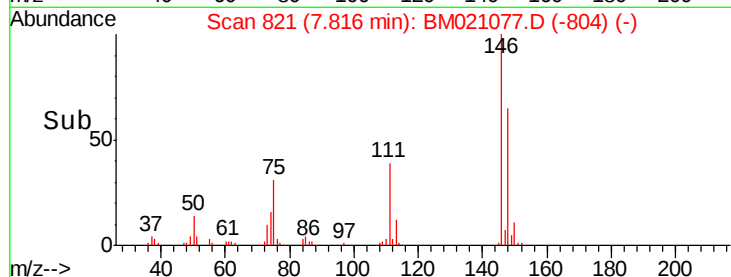
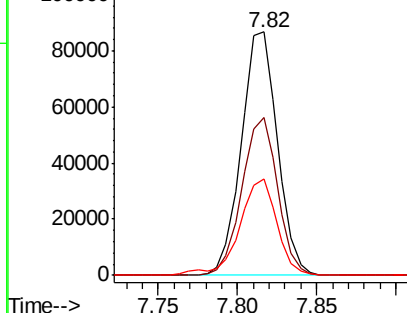
#13
 1,4-Dichlorobenzene
 Concen: 7.231 ng
 RT: 7.82 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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

Tgt Ion:146 Resp: 137121
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 39.4 31.4 47.0

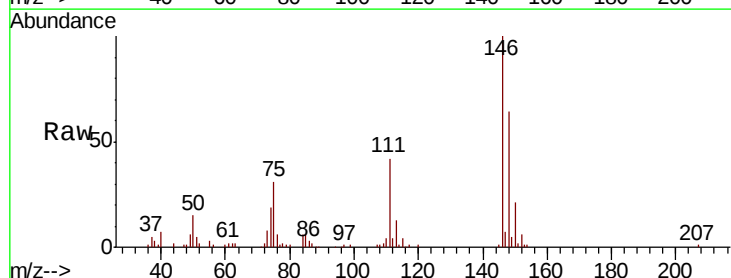


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

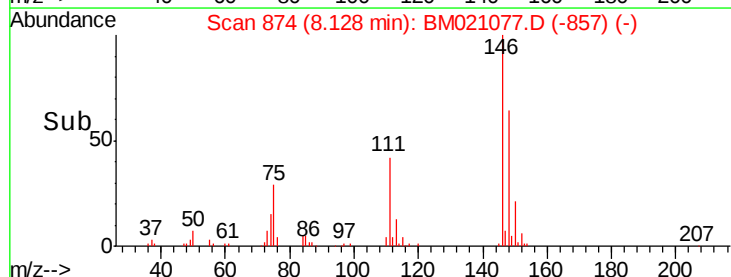
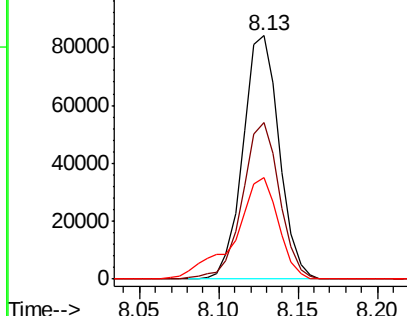


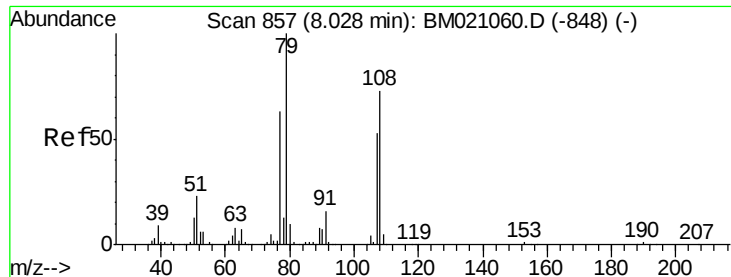
#14
 1,2-Dichlorobenzene
 Concen: 7.162 ng
 RT: 8.13 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion:146 Resp: 133087
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.2 76.8
 111 41.9 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: 6.992 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

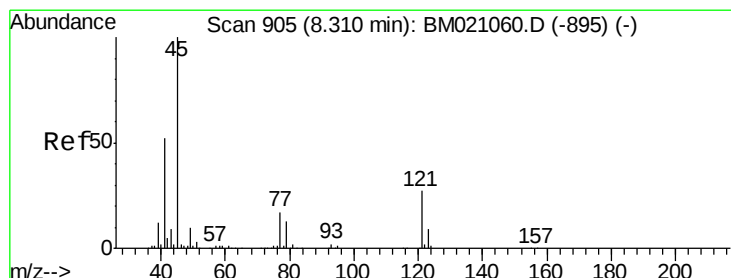
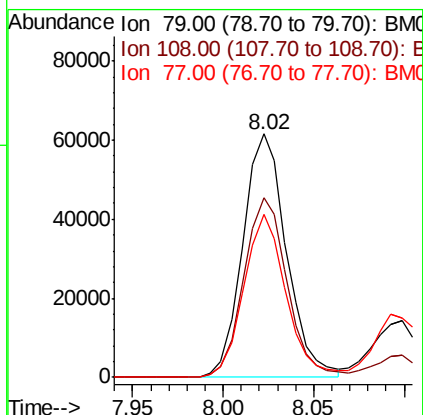
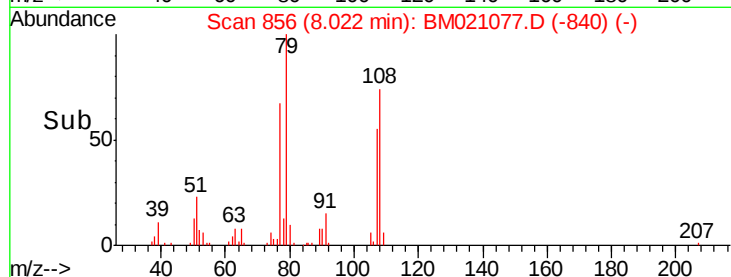
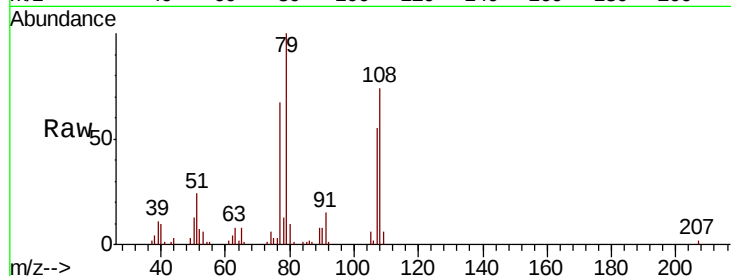
Tgt Ion: 79 Resp: 103128

Ion Ratio Lower Upper

79 100

108 73.9 58.4 87.6

77 66.8 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.640 ng

RT: 8.30 min Scan# 903

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

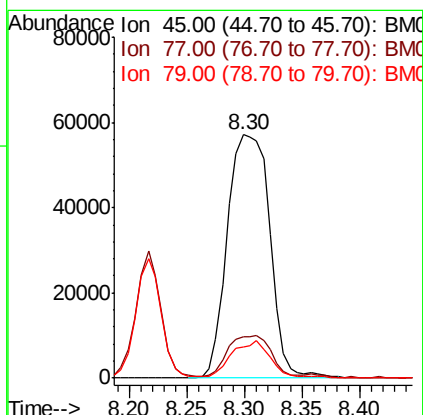
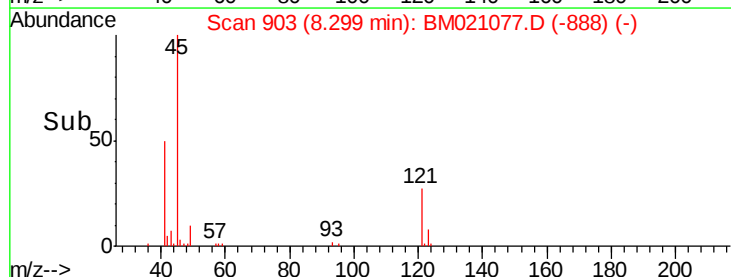
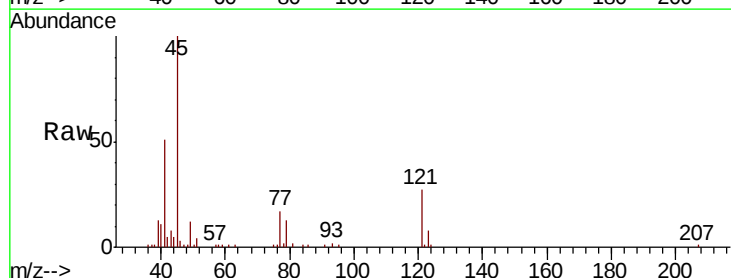
Tgt Ion: 45 Resp: 145602

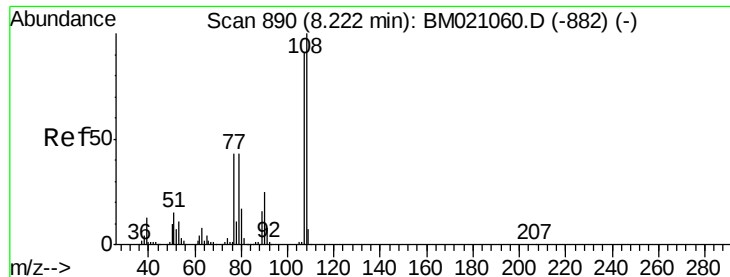
Ion Ratio Lower Upper

45 100

77 16.9 0.0 37.5

79 12.8 0.0 33.5

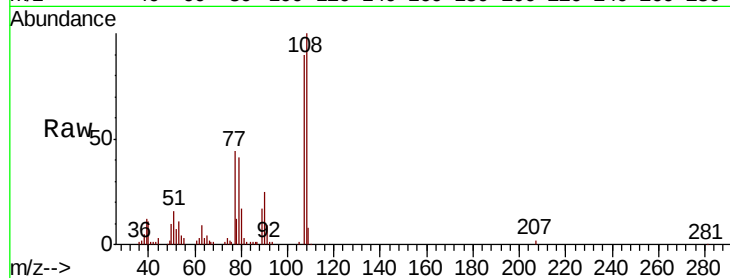




#17
2-Methylphenol
Concen: 7.173 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tgt Ion:	107	Resp:	95345
Ion	Ratio	Lower	Upper
107	100		
108	111.5	87.5	131.3
77	49.0	37.8	56.8
79	46.3	37.5	56.3



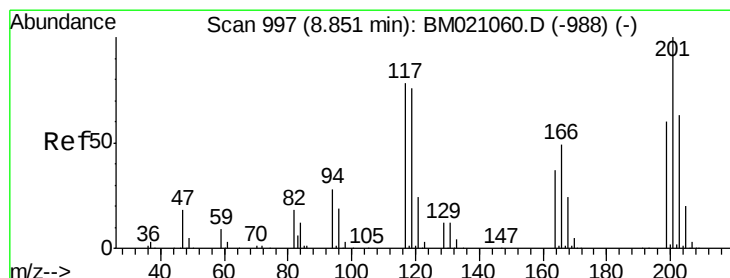
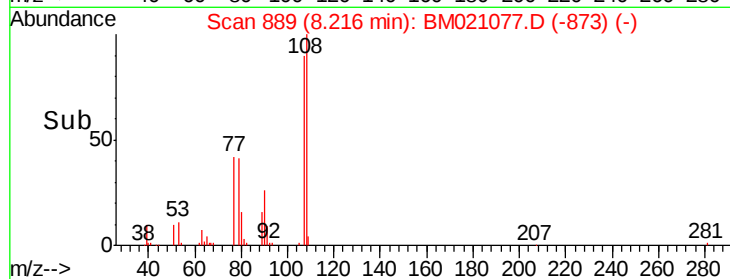
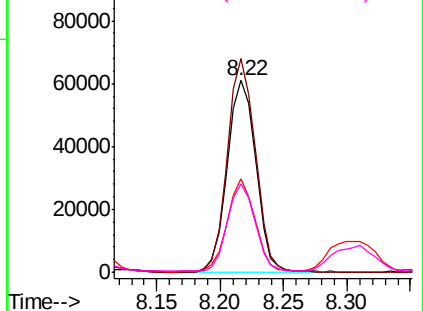
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

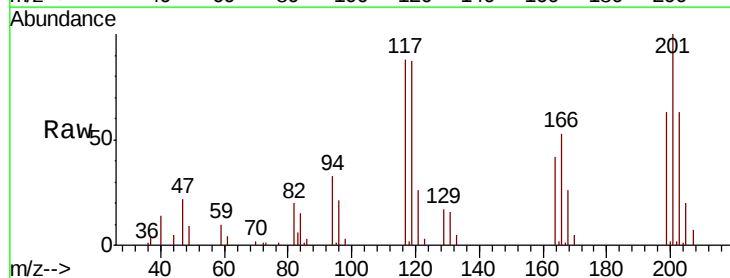
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 7.049 ng
RT: 8.85 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion:	117	Resp:	47995
Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.5	116.3
201	113.8	102.3	153.5

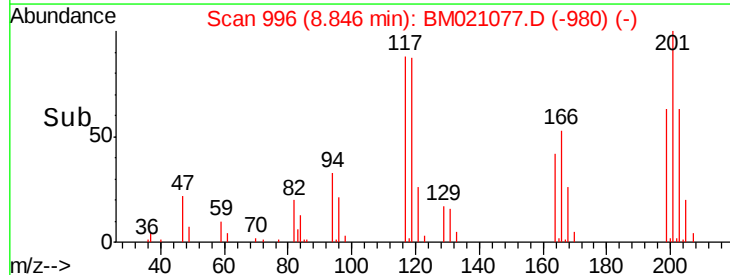
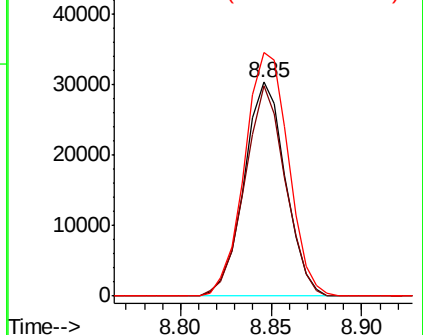


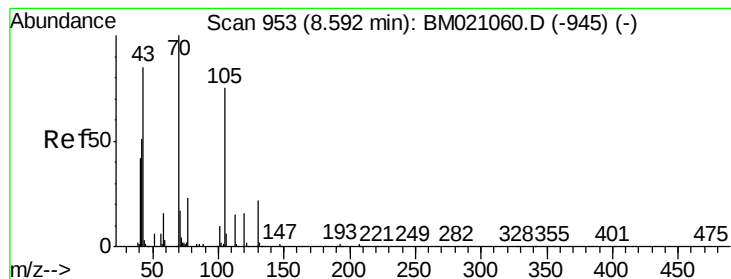
Abundance

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: 7.555 ng

RT: 8.58 min Scan# 951

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tgt Ion: 70 Resp: 100148

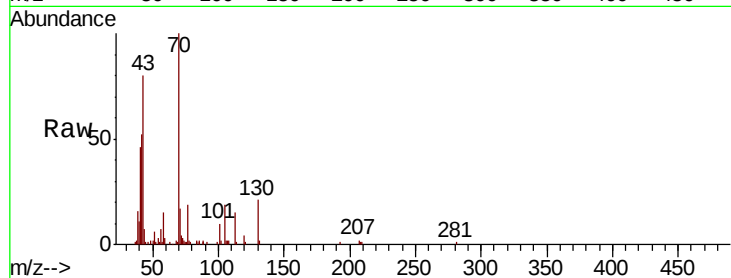
Ion Ratio Lower Upper

70 100

42 52.3 41.9 62.9

101 10.4 8.1 12.1

130 21.3 17.5 26.3



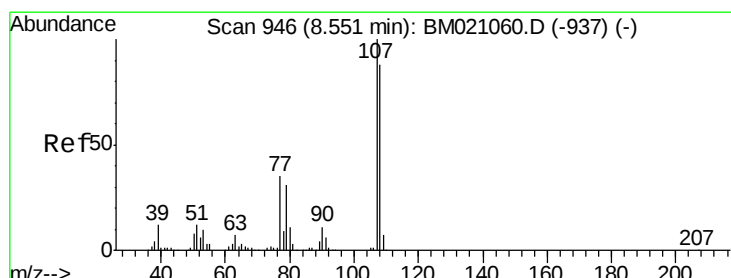
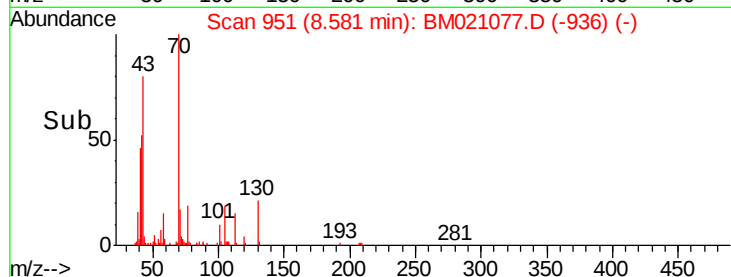
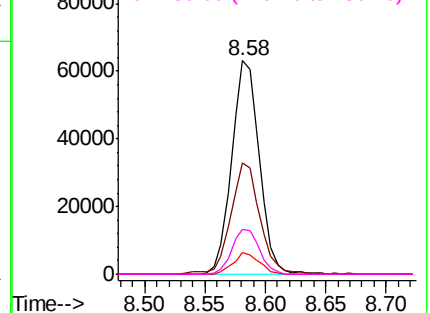
Abundance

Ion 70.00 (69.70 to 70.70): BM021060.D (-945) (-)

Ion 42.00 (41.70 to 42.70): BM021060.D (-945) (-)

Ion 101.00 (100.70 to 101.70): BM021060.D (-945) (-)

Ion 130.00 (129.70 to 130.70): BM021060.D (-945) (-)



#20

3+4-Methylphenols

Concen: 6.949 ng

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Tgt Ion: 107 Resp: 127154

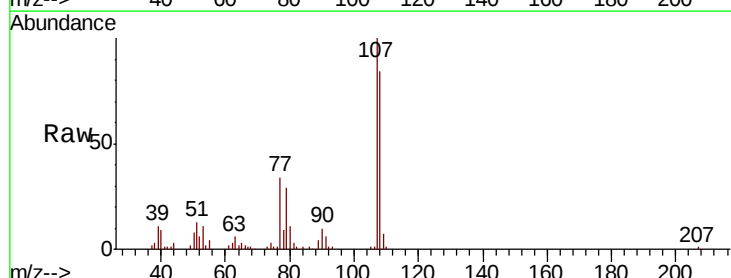
Ion Ratio Lower Upper

107 100

108 84.4 67.9 107.9

77 34.2 14.6 54.6

79 28.7 10.8 50.8



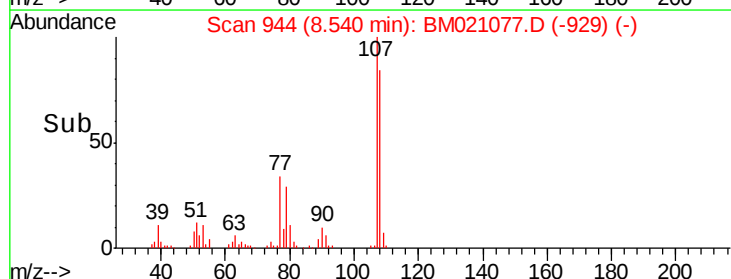
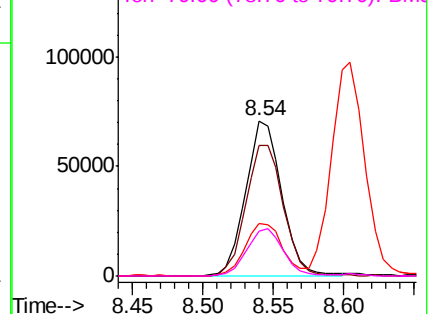
Abundance

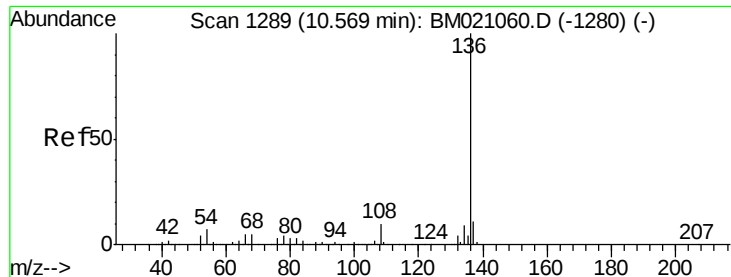
Ion 107.00 (106.70 to 107.70): BM021060.D (-937) (-)

Ion 108.00 (107.70 to 108.70): BM021060.D (-937) (-)

Ion 77.00 (76.70 to 77.70): BM021060.D (-937) (-)

Ion 79.00 (78.70 to 79.70): BM021060.D (-937) (-)

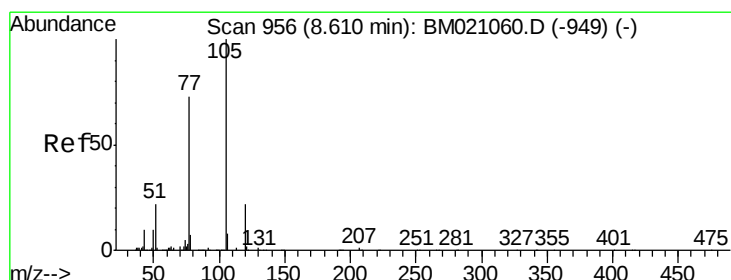
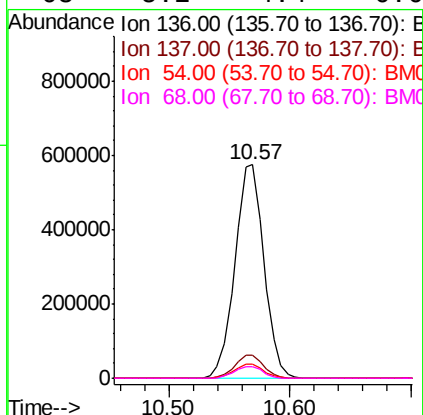
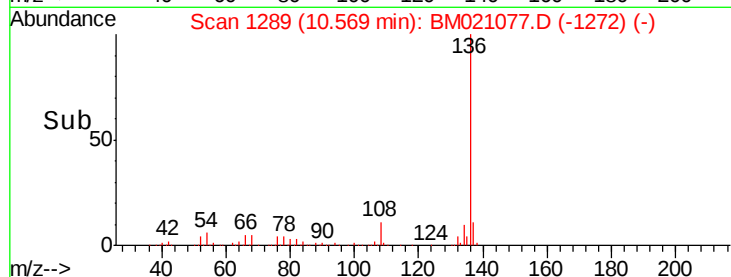
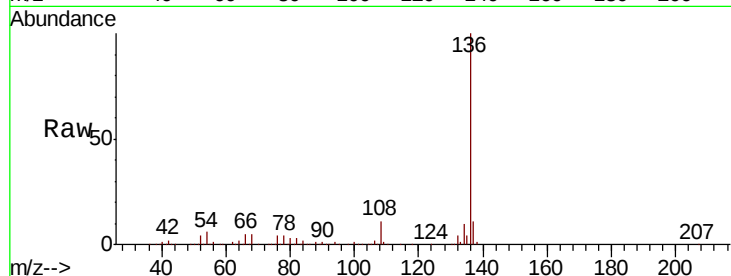




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

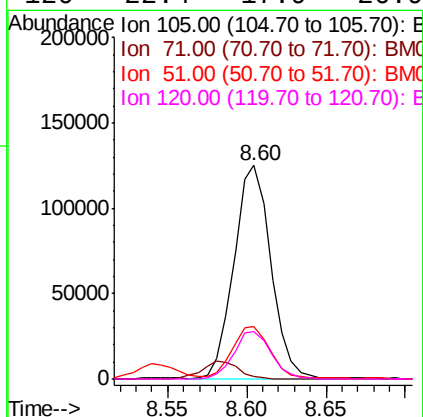
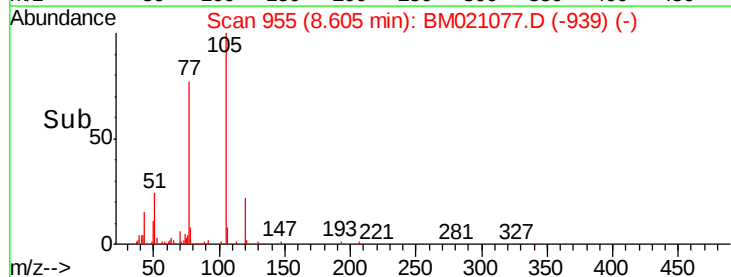
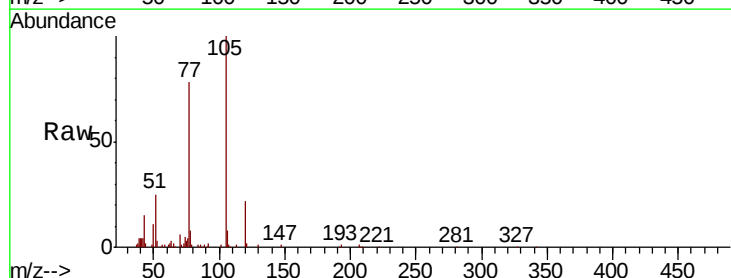
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

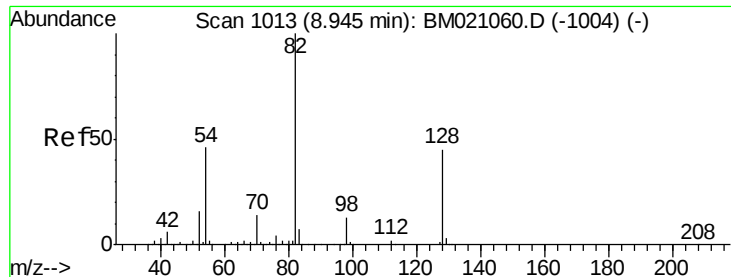
Tgt Ion:	136	Resp:	962775
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.5	5.3	7.9
68	5.2	4.4	6.6



#22
Acetophenone
Concen: 8.278 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion:	105	Resp:	203091
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.2	1.8#
51	24.6	19.1	28.7
120	22.4	17.9	26.9





#23

Nitrobenzene-d5

Concen: 81.768 ng

RT: 8.94 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

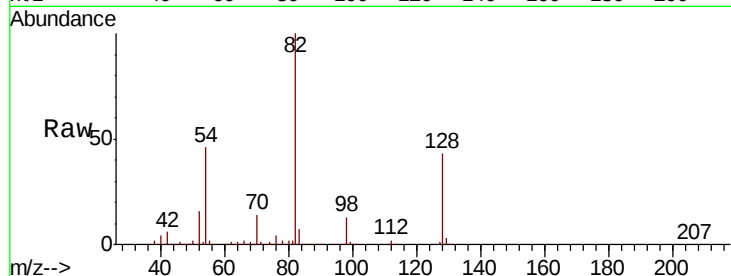
Tgt Ion: 82 Resp: 1510530

Ion Ratio Lower Upper

82 100

128 43.4 35.9 53.9

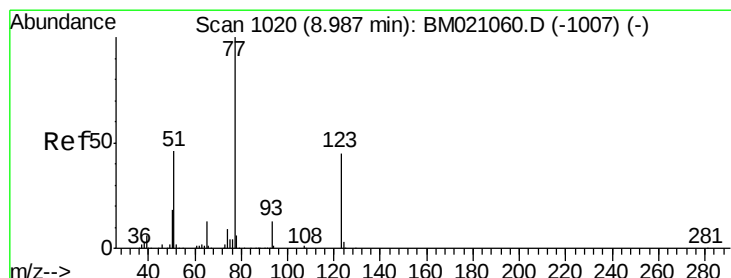
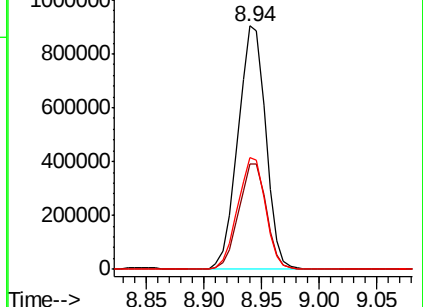
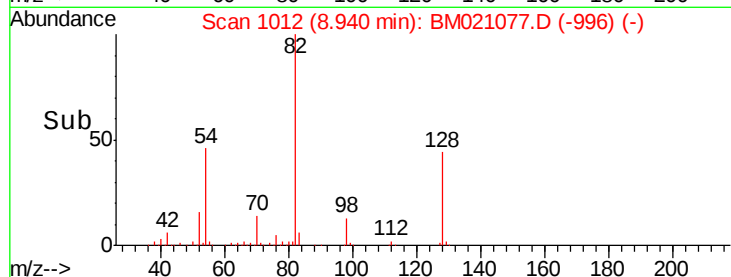
54 46.1 36.6 55.0



Abundance Ion 82.00 (81.70 to 82.70): BM021077.D (-996) (-)

Ion 128.00 (127.70 to 128.70): BM021077.D (-996) (-)

Ion 54.00 (53.70 to 54.70): BM021077.D (-996) (-)



#24

Nitrobenzene

Concen: 8.308 ng

RT: 8.98 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

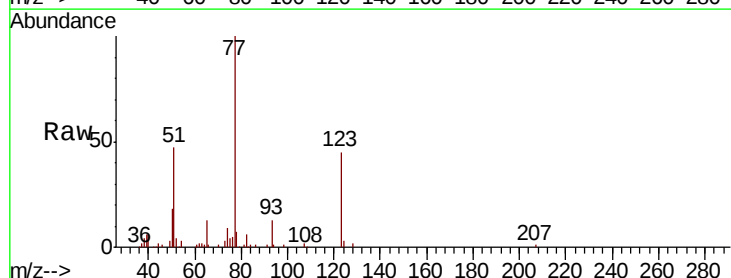
Tgt Ion: 77 Resp: 152027

Ion Ratio Lower Upper

77 100

123 45.3 36.3 54.5

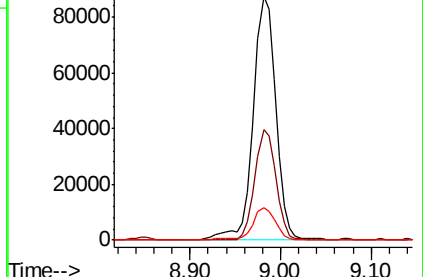
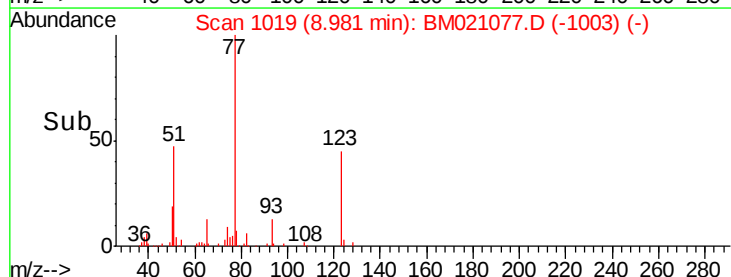
65 13.2 10.6 16.0

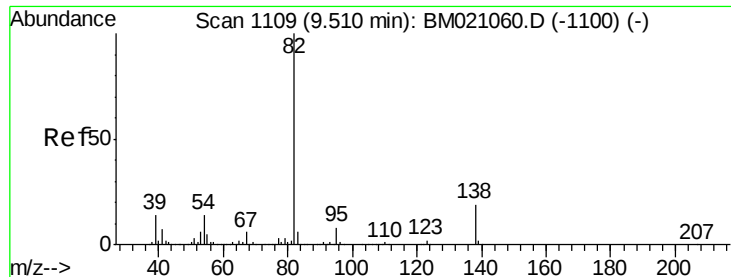


Abundance Ion 77.00 (76.70 to 77.70): BM021077.D (-1003) (-)

Ion 123.00 (122.70 to 123.70): BM021077.D (-1003) (-)

Ion 65.00 (64.70 to 65.70): BM021077.D (-1003) (-)

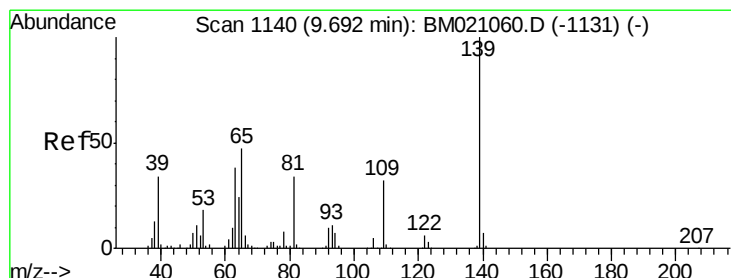
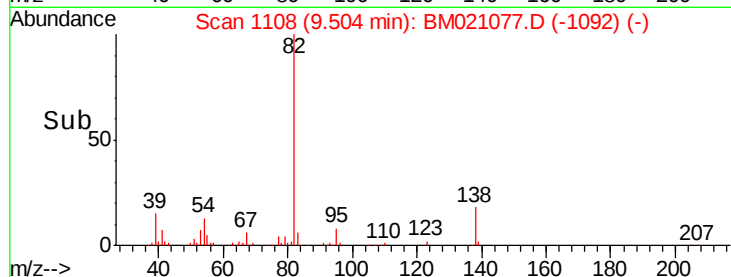
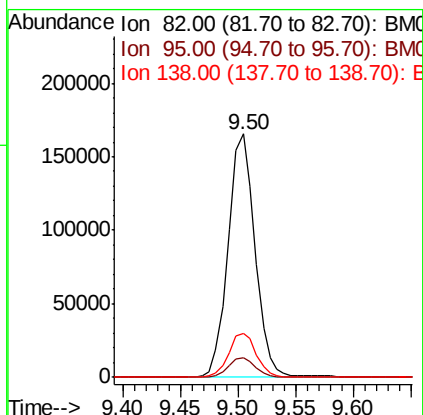
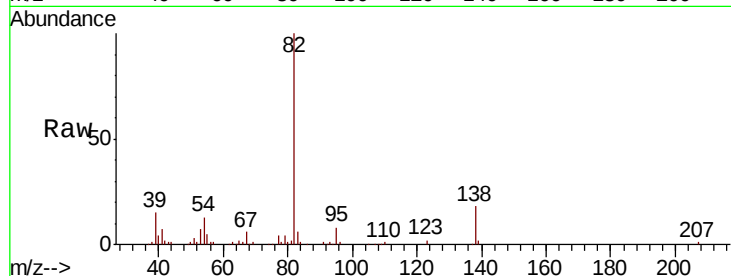




#25
Isophorone
Concen: 7.775 ng
RT: 9.50 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

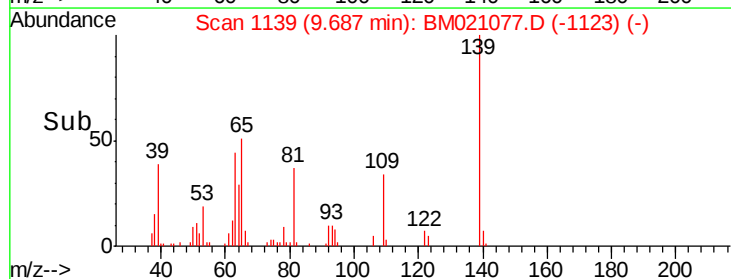
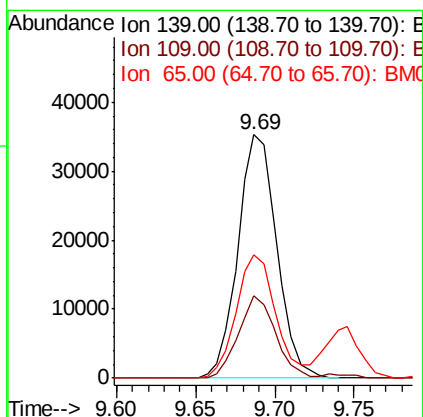
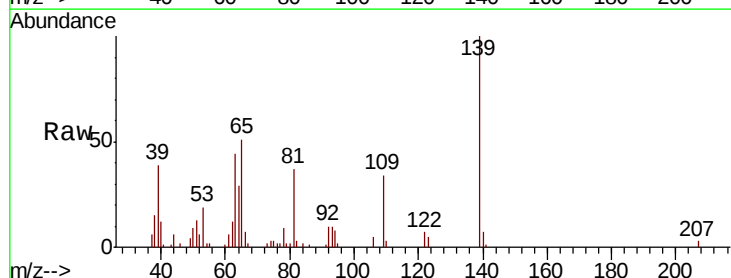
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

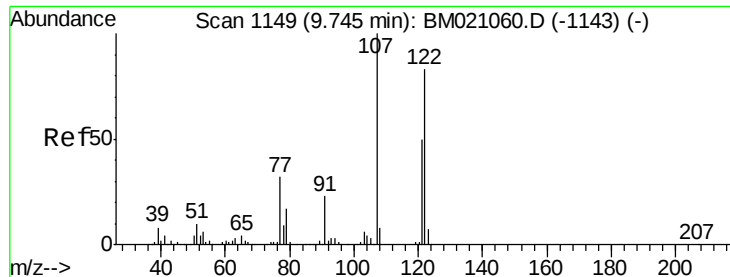
Tgt Ion: 82 Resp: 268756
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 18.3 15.0 22.6



#26
2-Nitrophenol
Concen: 6.676 ng
RT: 9.69 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion: 139 Resp: 59817
Ion Ratio Lower Upper
139 100
109 33.8 25.2 37.8
65 50.5 37.4 56.0

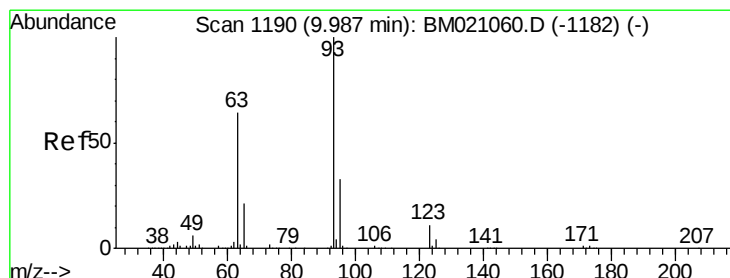
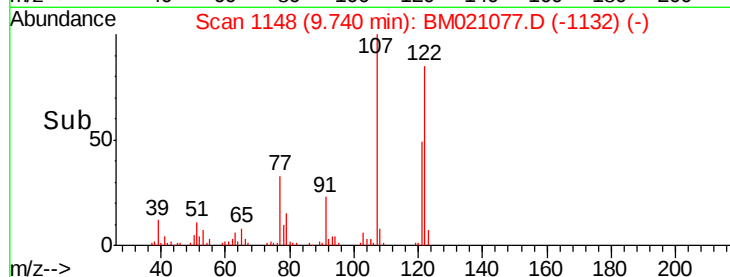
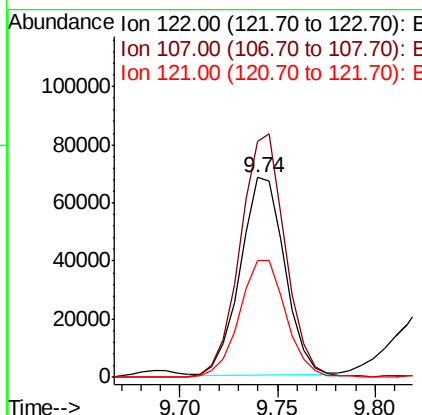
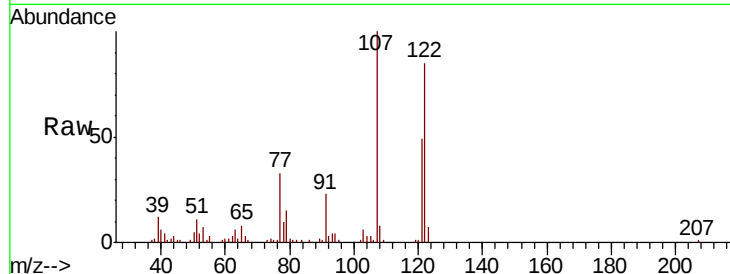




#27
2,4-Dimethylphenol
Concen: 8.211 ng
RT: 9.74 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

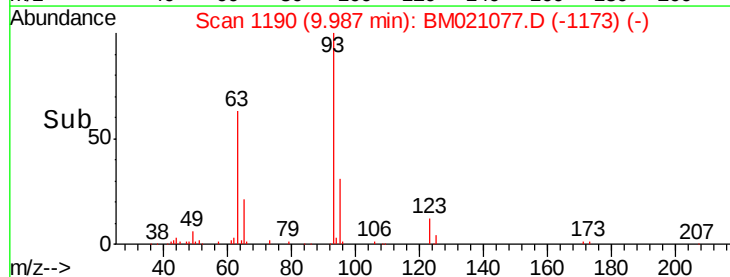
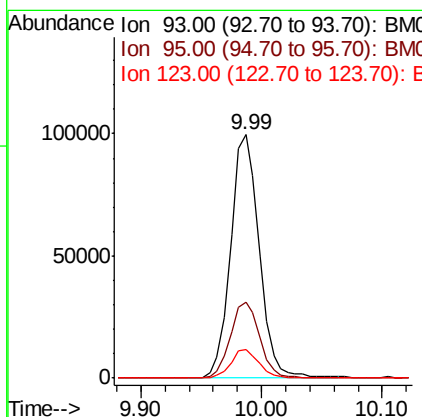
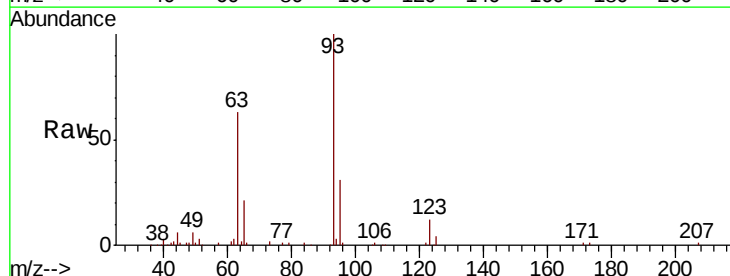
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

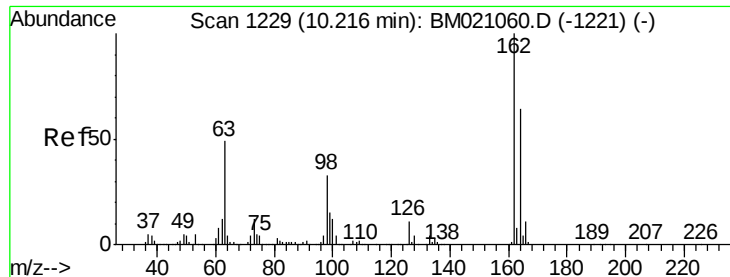
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.3	95.3	142.9
121	58.5	47.5	71.3



#28
bis(2-Chloroethoxy)methane
Concen: 7.660 ng
RT: 9.99 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.2	39.2
123	11.5	9.0	13.4

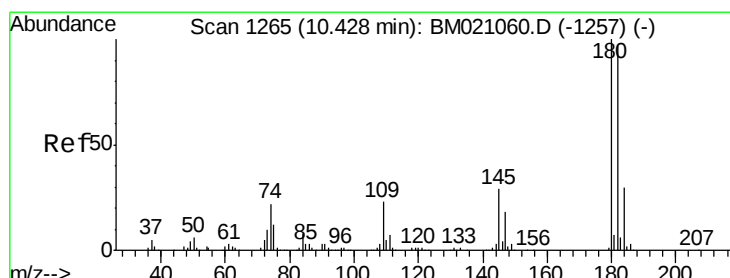
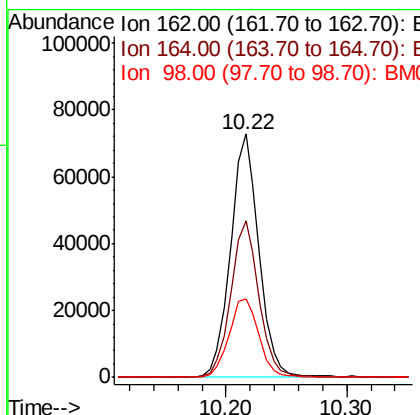
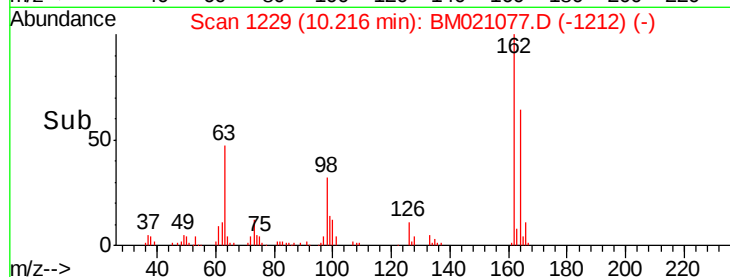
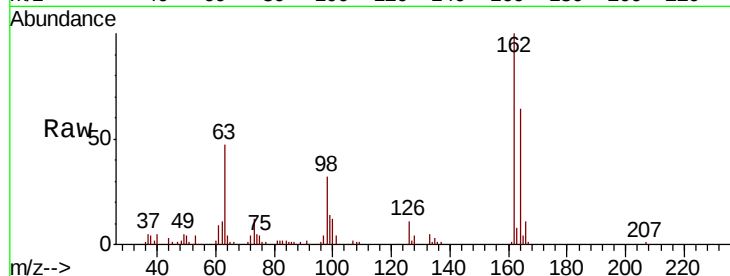




#29
2,4-Dichlorophenol
Concen: 7.022 ng
RT: 10.22 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

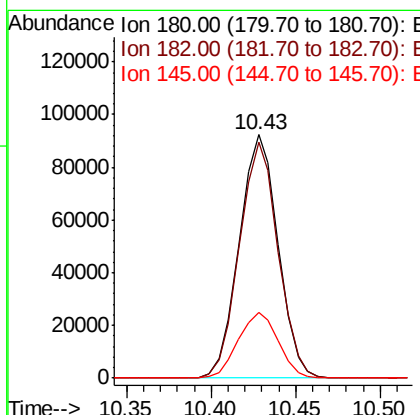
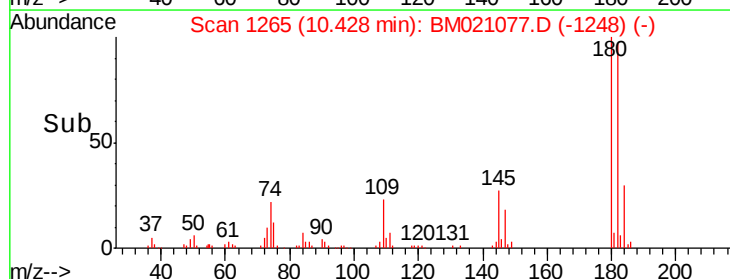
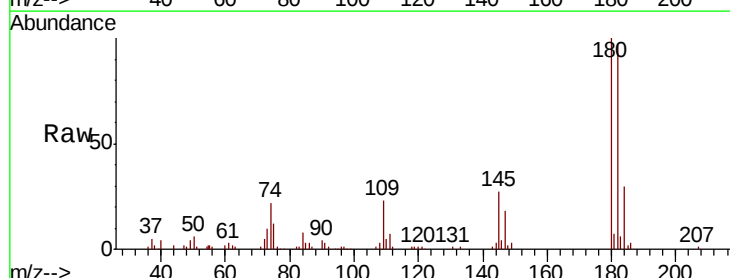
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

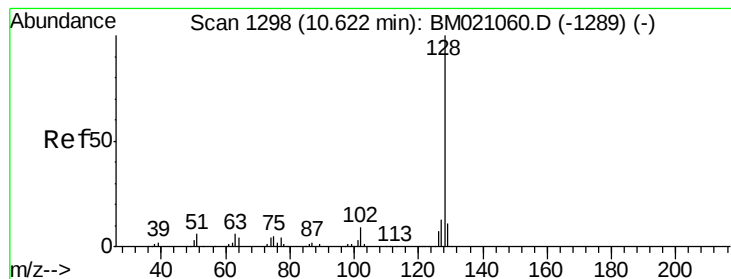
Tgt Ion:162 Resp: 118767
Ion Ratio Lower Upper
162 100
164 64.3 43.7 83.7
98 32.0 13.4 53.4



#30
1,2,4-Trichlorobenzene
Concen: 7.407 ng
RT: 10.43 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion:180 Resp: 147689
Ion Ratio Lower Upper
180 100
182 97.1 78.0 117.0
145 26.7 23.4 35.0





#31

Naphthalene

Concen: 7.914 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

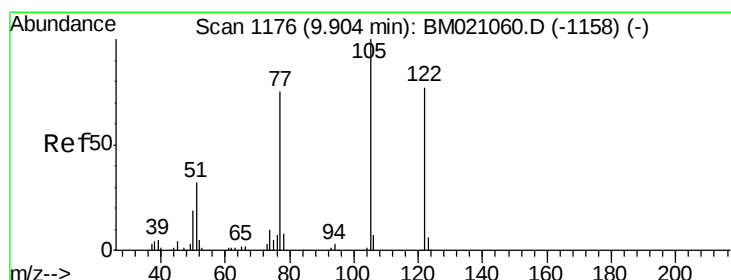
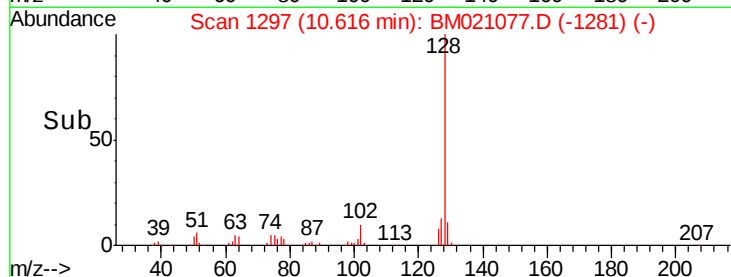
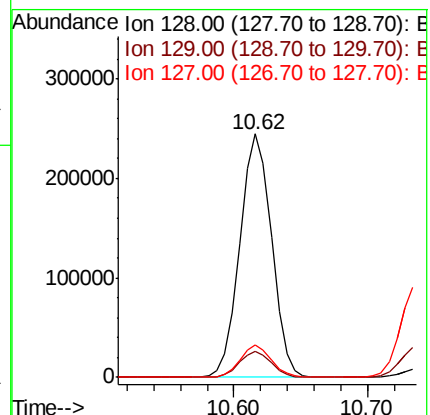
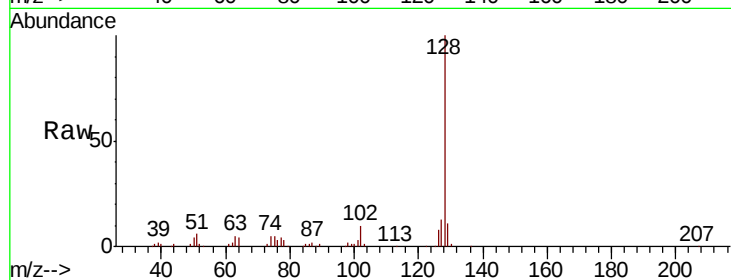
Tgt Ion:128 Resp: 403227

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 13.1 10.8 16.2



#32

Benzoic acid

Concen: 3.604 ng

RT: 9.83 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

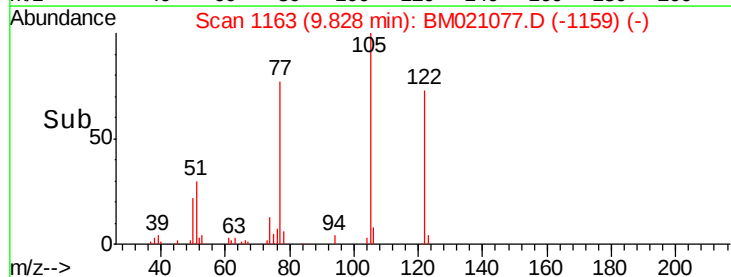
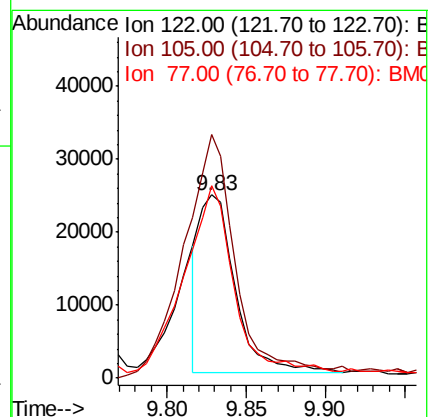
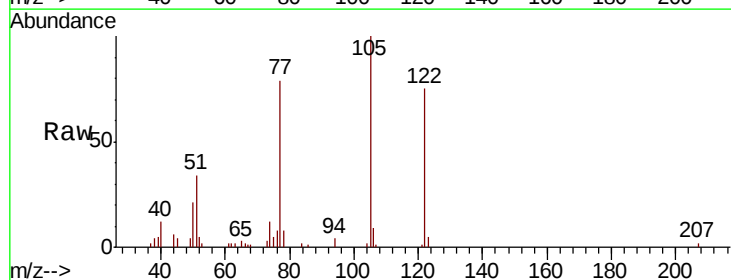
Tgt Ion:122 Resp: 38105

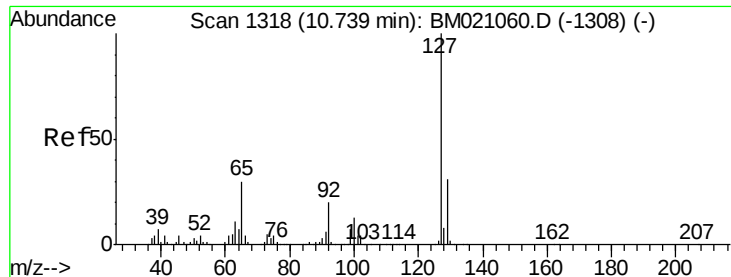
Ion Ratio Lower Upper

122 100

105 132.9 108.9 148.9

77 104.7 76.7 116.7

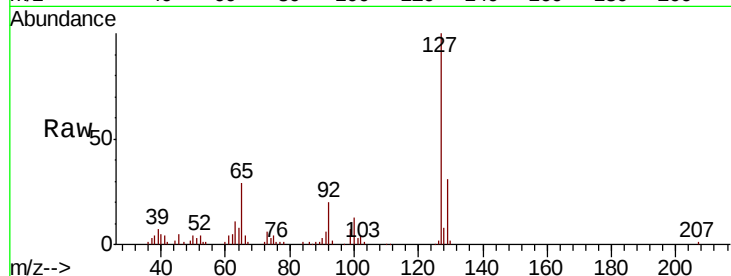




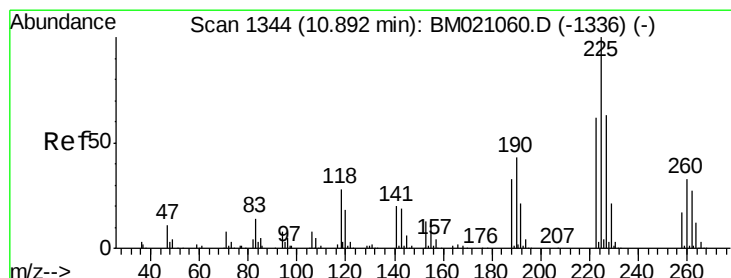
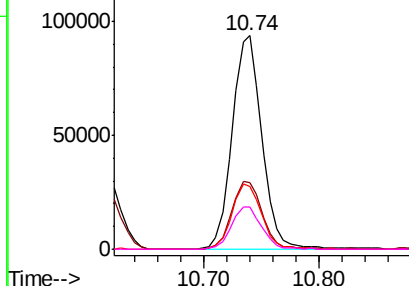
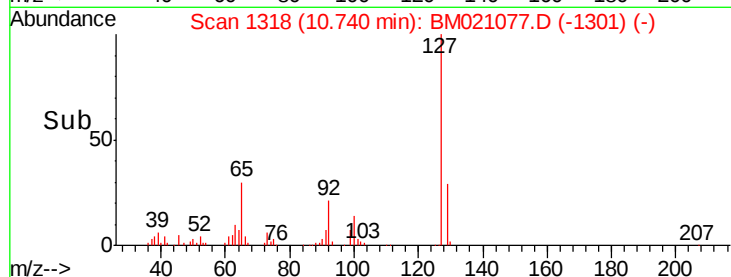
#33
4-Chloroaniline
Concen: 7.208 ng
RT: 10.74 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tgt Ion:	127	Resp:	166719
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.1	37.7
65	29.3	23.8	35.8
92	19.8	15.7	23.5

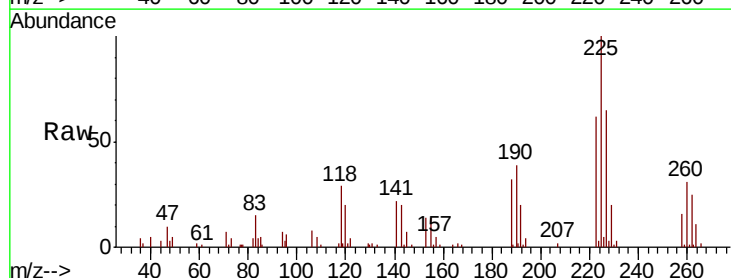


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

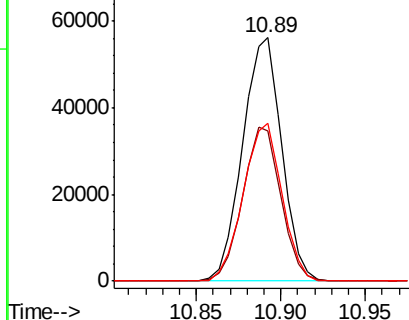
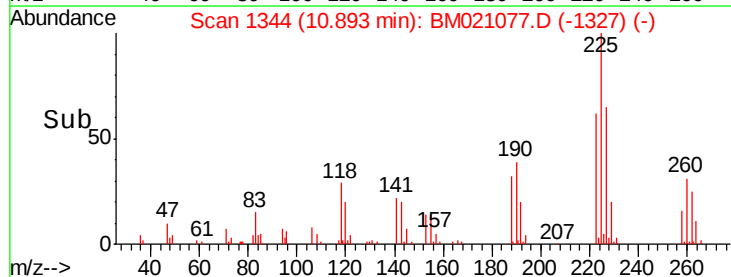


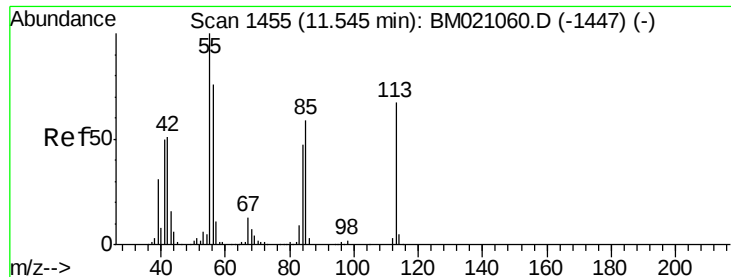
#34
Hexachlorobutadiene
Concen: 7.205 ng
RT: 10.89 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion:	225	Resp:	90705
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.6	74.4
227	64.7	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

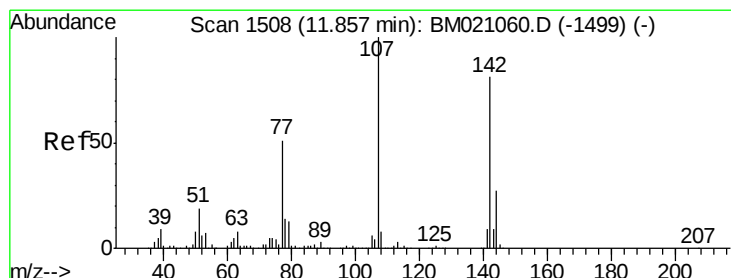
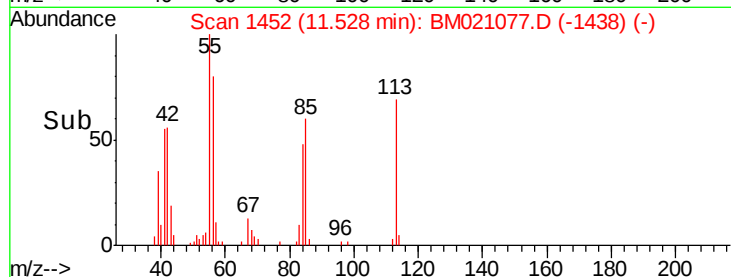
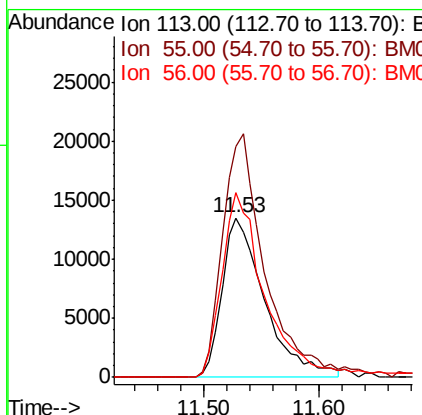
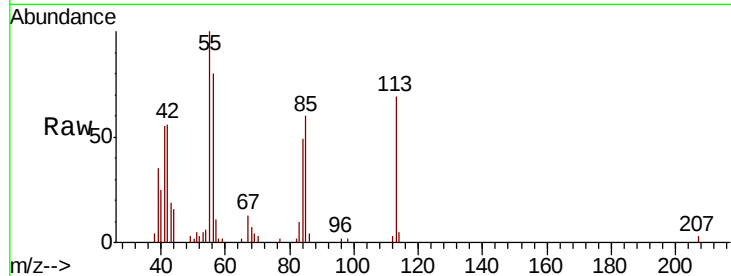




#35
 Caprolactam
 Concen: 6.568 ng
 RT: 11.53 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

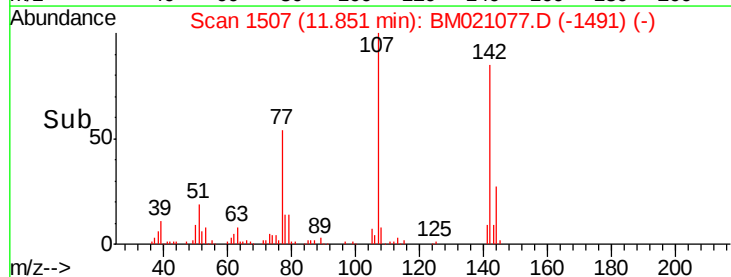
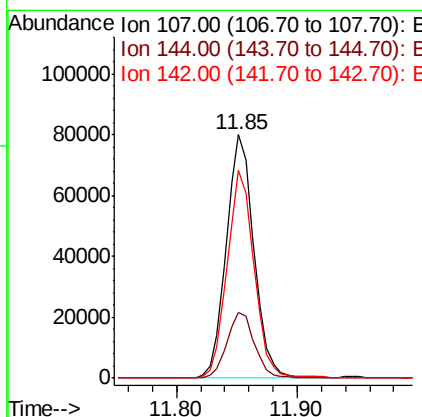
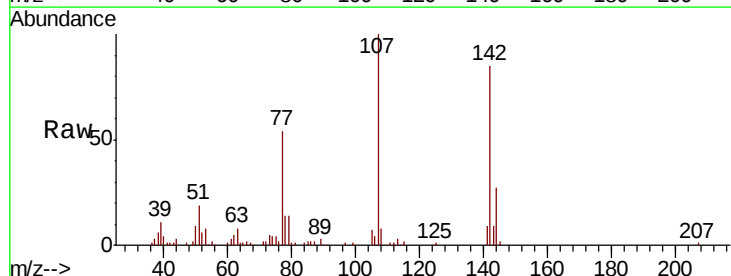
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

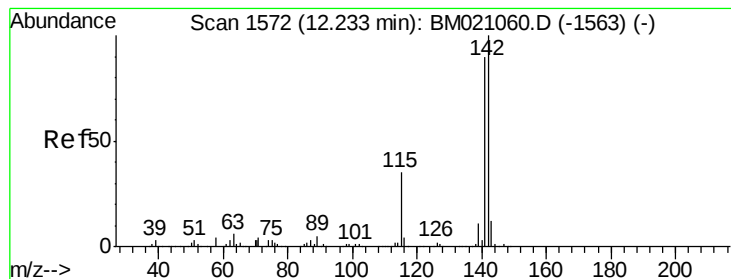
Tgt Ion:113 Resp: 34748
 Ion Ratio Lower Upper
 113 100
 55 145.1 129.8 169.8
 56 116.2 94.3 134.3



#36
 4-Chloro-3-methylphenol
 Concen: 7.410 ng
 RT: 11.85 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion:107 Resp: 127533
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.3 31.9
 142 85.2 64.9 97.3





#37

2-Methylnaphthalene

Concen: 8.011 ng

RT: 12.23 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

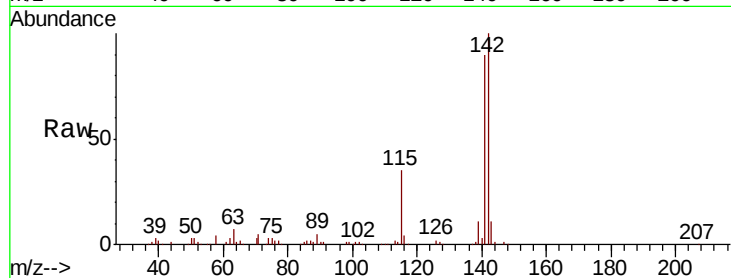
Tgt Ion:142 Resp: 314070

Ion Ratio Lower Upper

142 100

141 89.6 72.2 108.2

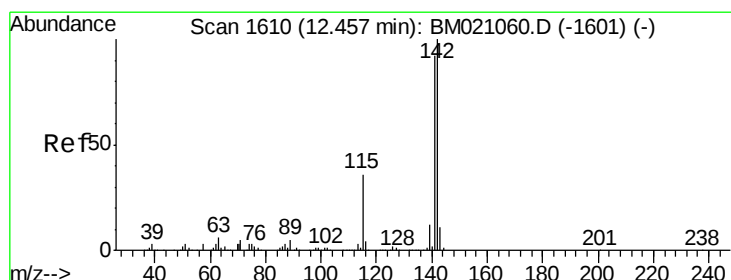
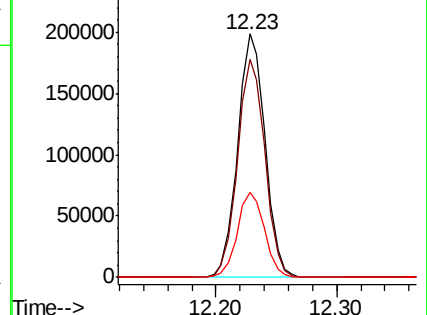
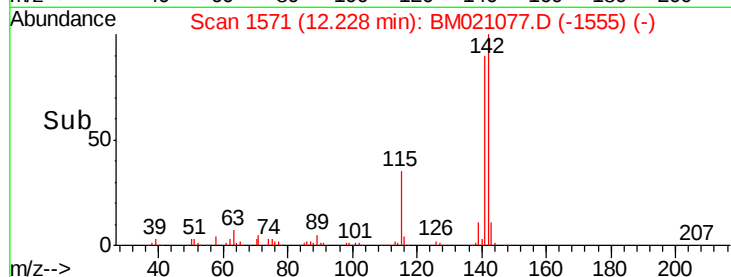
115 35.1 27.9 41.9



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: 8.087 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

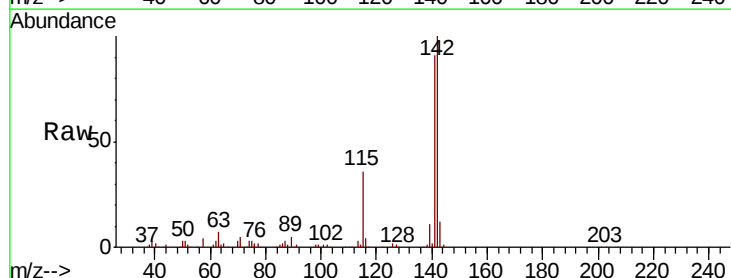
Tgt Ion:142 Resp: 302379

Ion Ratio Lower Upper

142 100

141 91.3 73.9 110.9

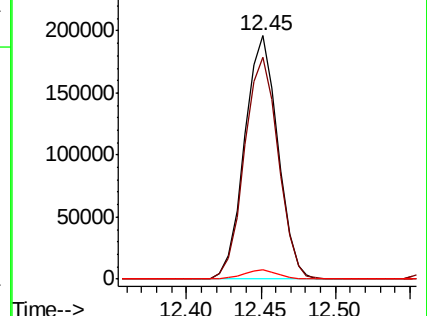
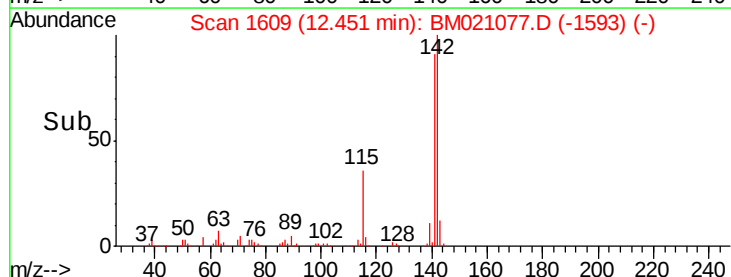
116 3.9 3.0 4.6

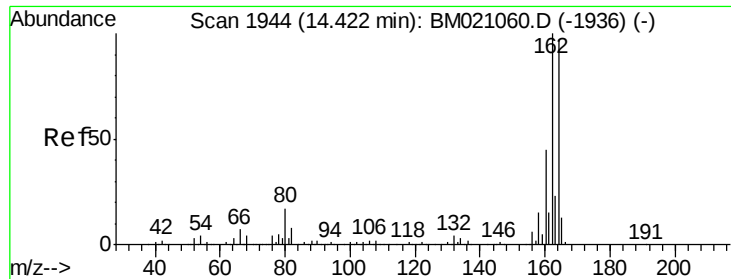


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

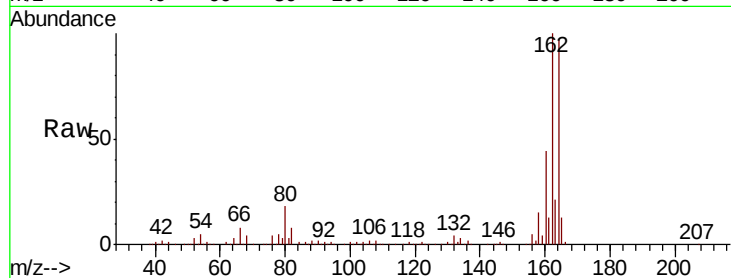
Tgt Ion:164 Resp: 657064

Ion Ratio Lower Upper

164 100

162 102.6 82.1 123.1

160 45.3 37.1 55.7

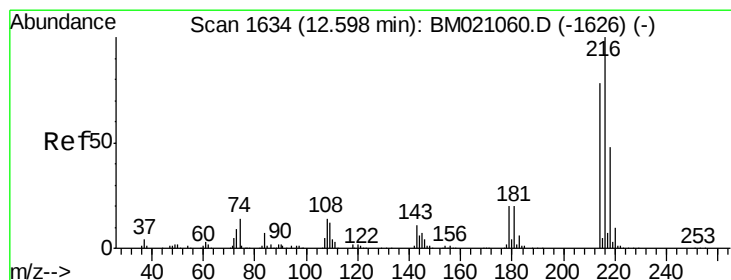
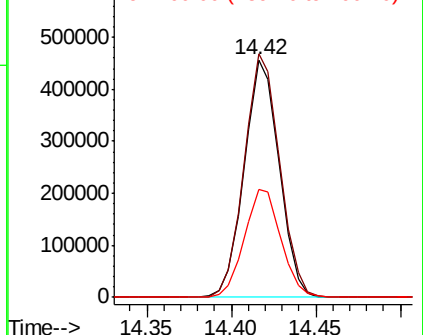
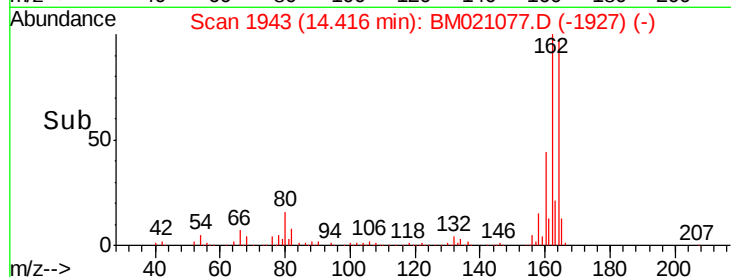


Abundance

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: 7.836 ng

RT: 12.60 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Tgt Ion:216 Resp: 194885

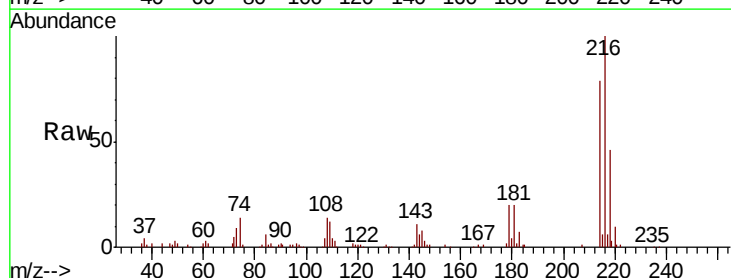
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.6

179 20.3 16.4 24.6

108 15.6 12.5 18.7



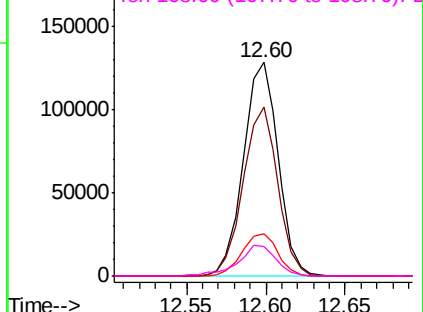
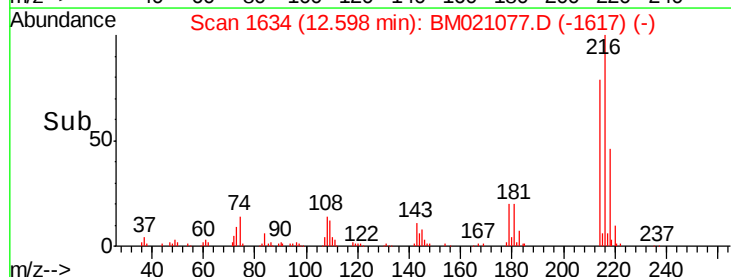
Abundance

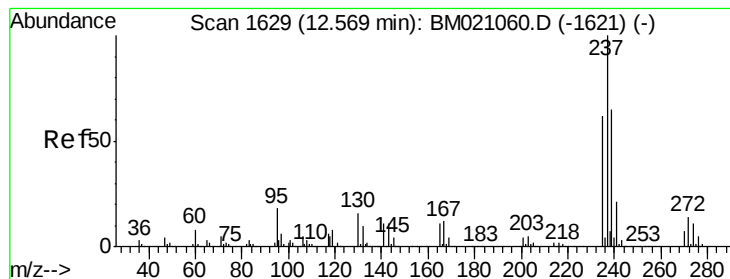
Ion 216.00 (215.70 to 216.70): E

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: 6.771 ng

RT: 12.57 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

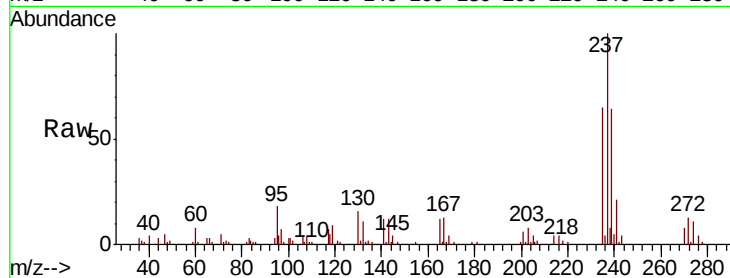
Tgt Ion:237 Resp: 97624

Ion Ratio Lower Upper

237 100

235 65.1 41.7 81.7

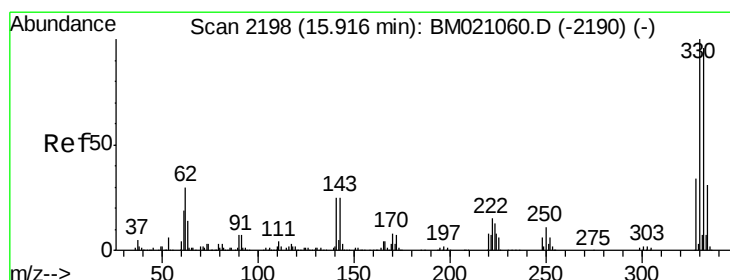
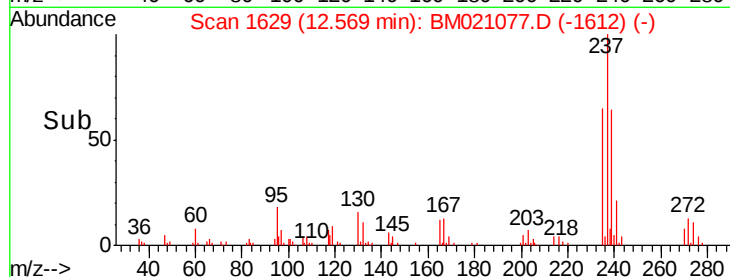
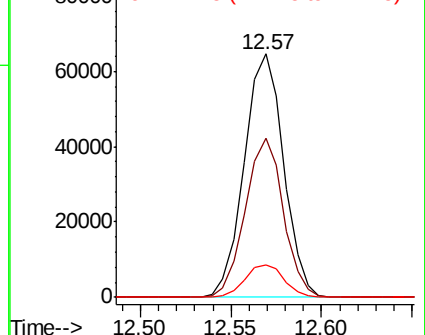
272 13.5 0.0 34.1



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: 132.869 ng

RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

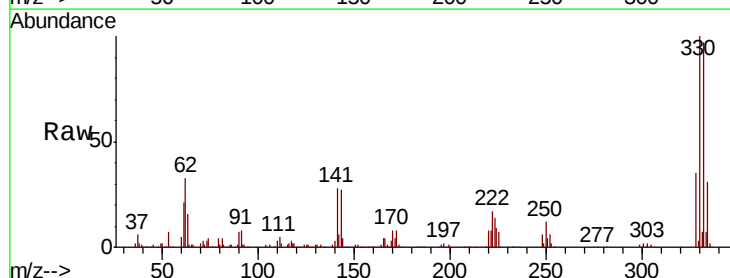
Tgt Ion:330 Resp: 1638204

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

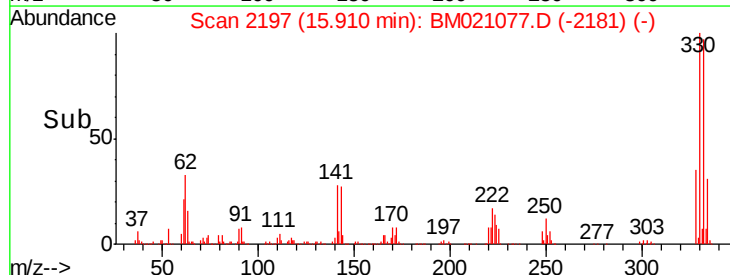
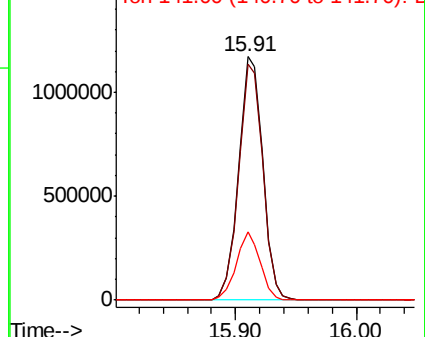
141 27.5 21.8 32.8

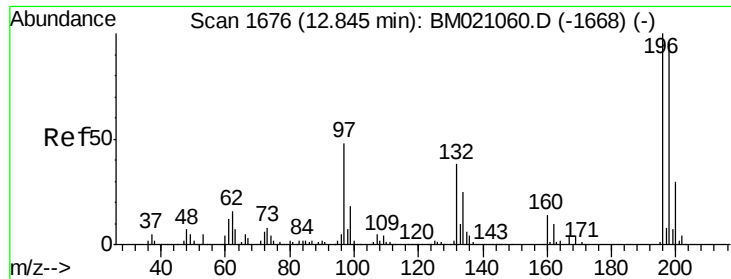


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

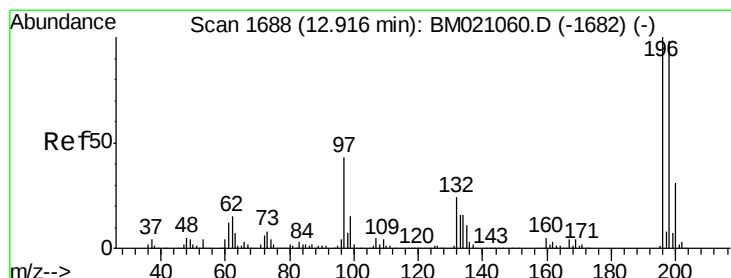
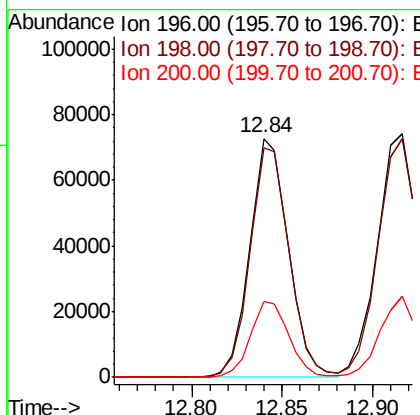
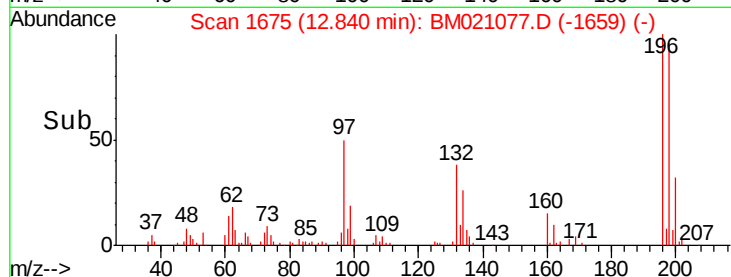
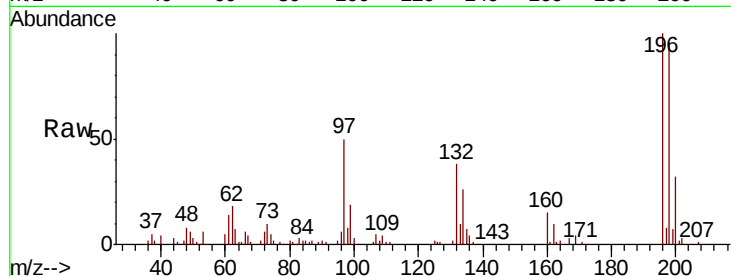




#43
 2,4,6-Trichlorophenol
 Concen: 6.561 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

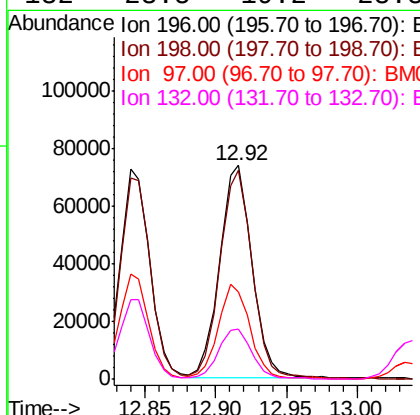
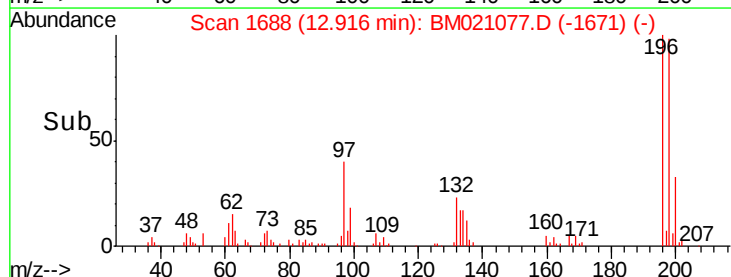
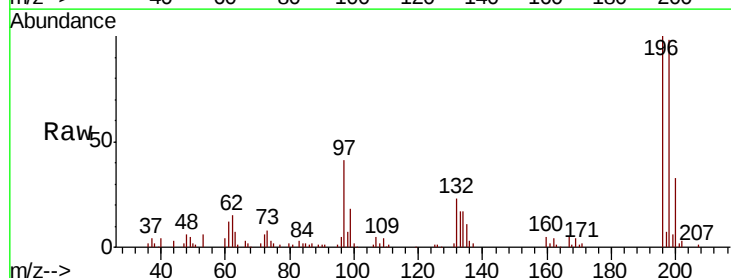
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

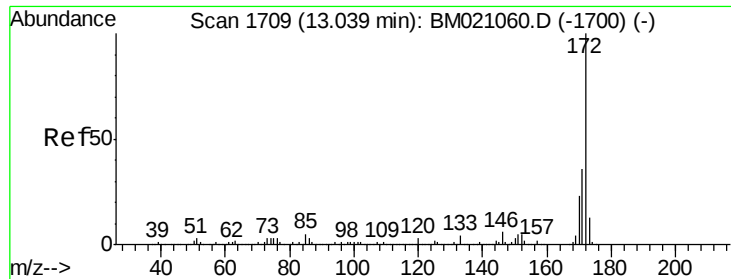
Tgt Ion:196 Resp: 107976
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.7 115.1
 200 31.7 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 6.891 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion:196 Resp: 117439
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.2 117.4
 97 40.9 34.1 51.1
 132 23.5 19.2 28.8

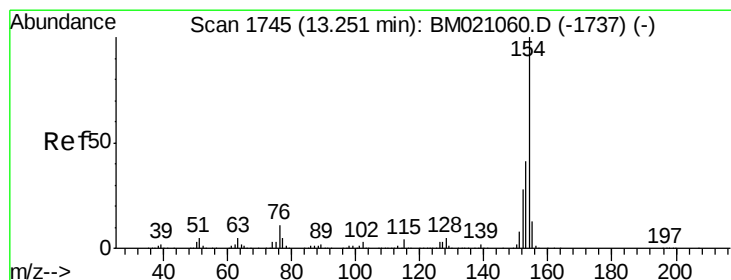
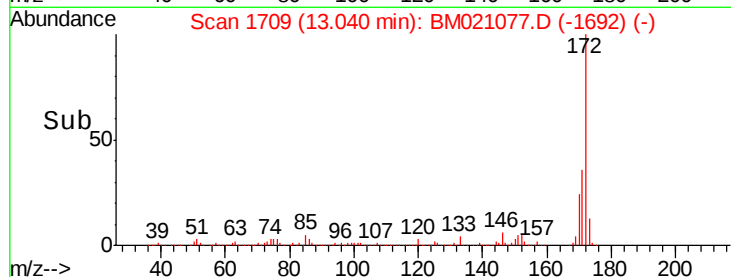
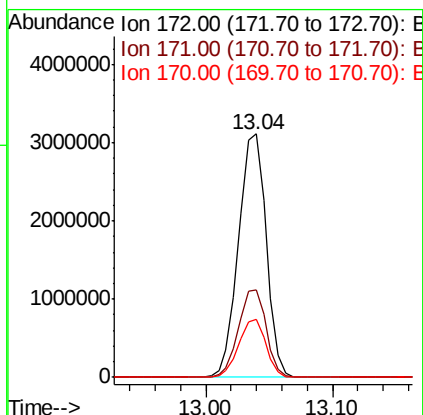
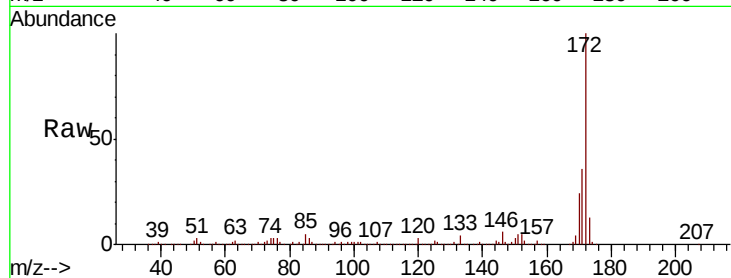




#45
2-Fluorobiphenyl
Concen: 88.015 ng
RT: 13.04 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

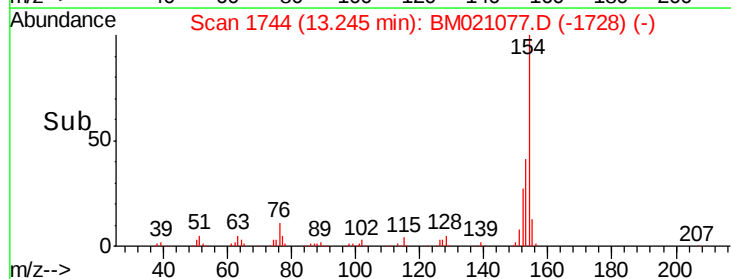
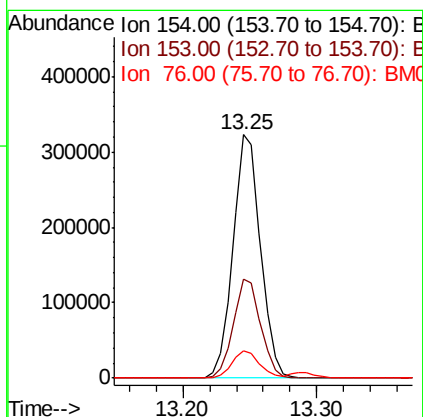
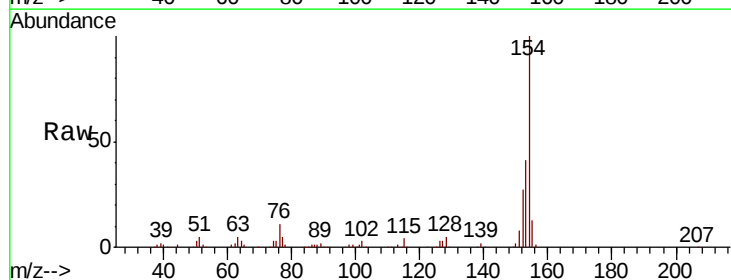
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

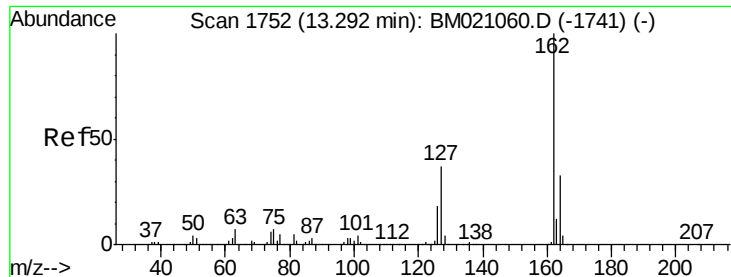
Tgt Ion:172 Resp: 4705561
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.6 18.7 28.1



#46
1,1'-Biphenyl
Concen: 8.217 ng
RT: 13.25 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion:154 Resp: 462078
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 11.4 0.0 30.9

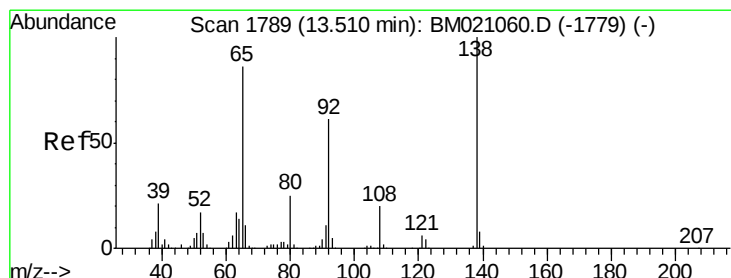
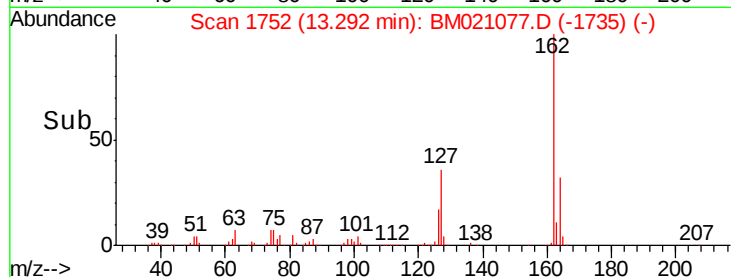
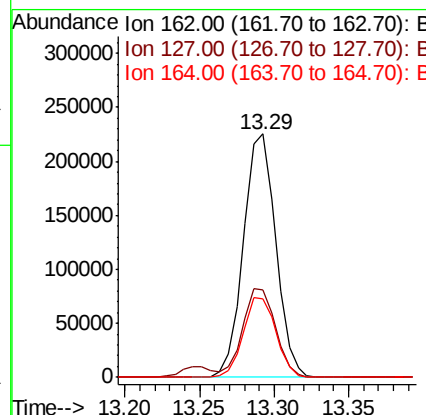
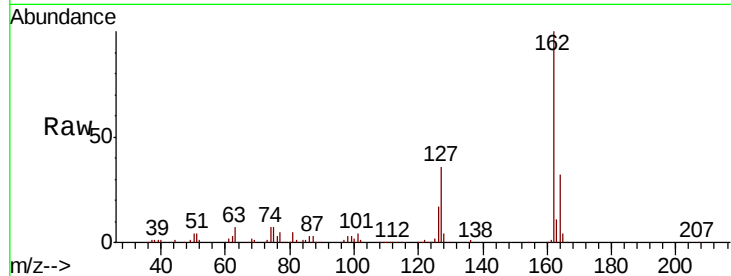




#47
 2-Chloronaphthalene
 Concen: 7.439 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

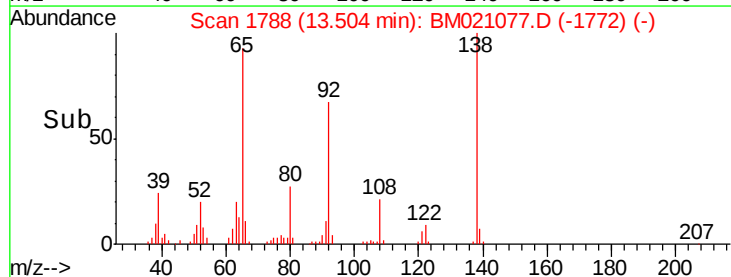
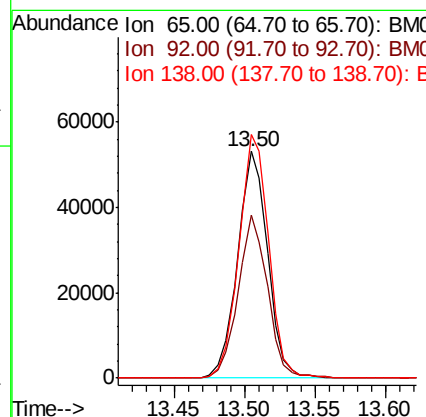
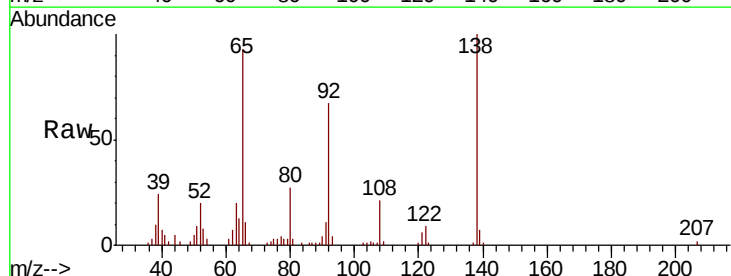
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

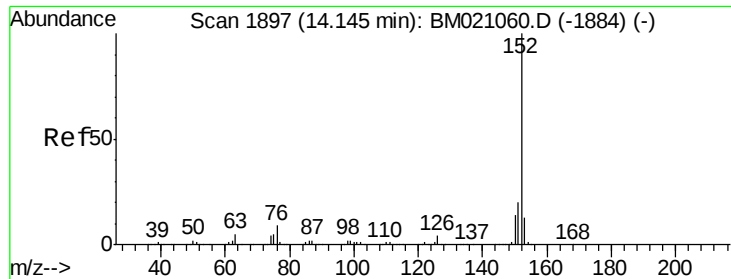
Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.8	29.4	44.2
164	32.4	26.5	39.7



#48
 2-Nitroaniline
 Concen: 6.291 ng
 RT: 13.50 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	56.3	84.5
138	107.5	92.6	139.0





#49

Acenaphthylene

Concen: 7.683 ng

RT: 14.14 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

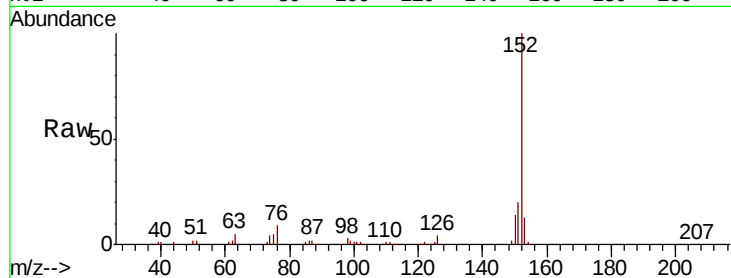
Tgt Ion:152 Resp: 533992

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

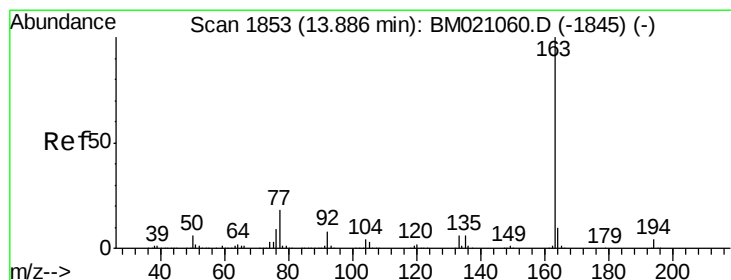
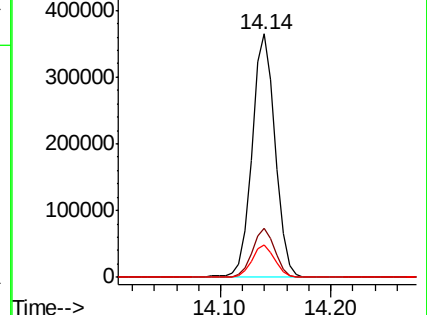
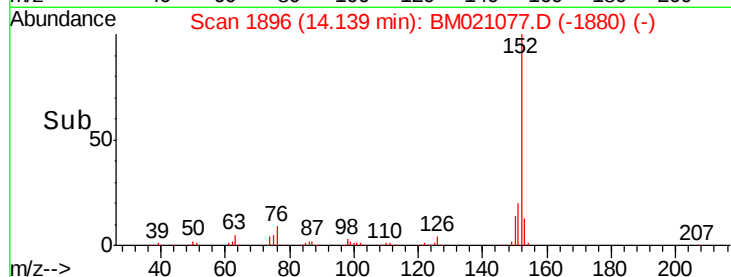
153 13.3 10.6 16.0



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: 7.626 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

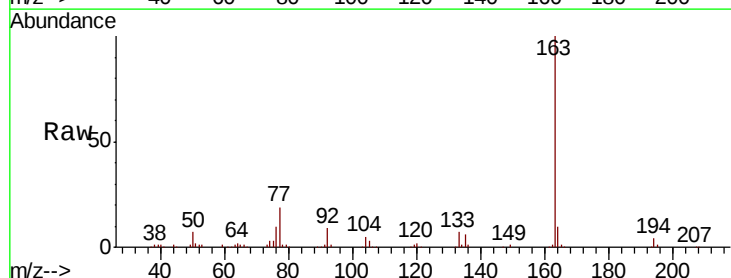
Tgt Ion:163 Resp: 445500

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

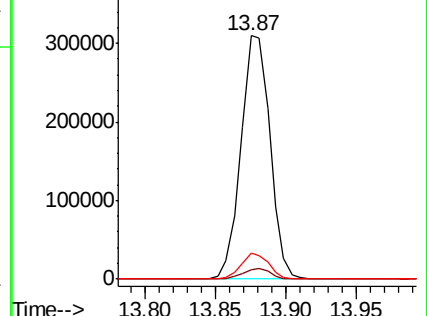
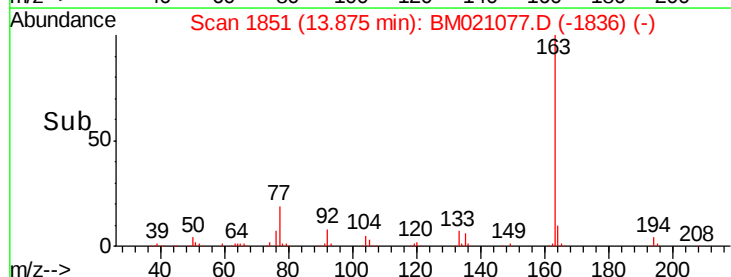
164 10.5 8.2 12.2

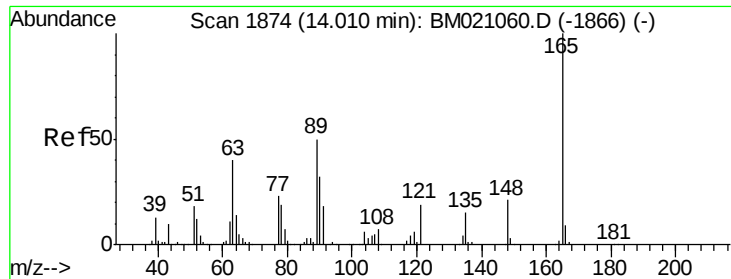


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

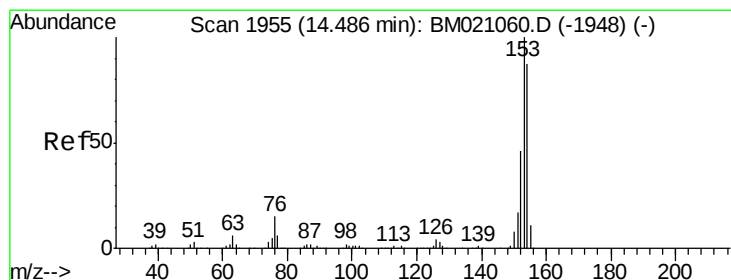
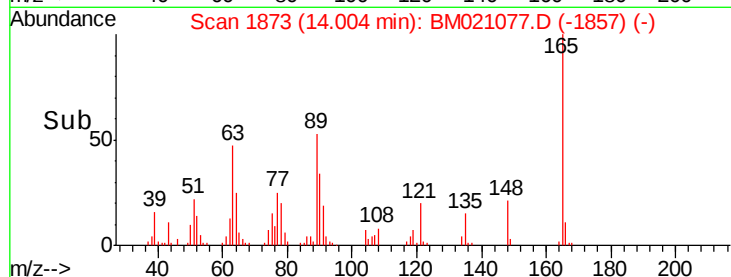
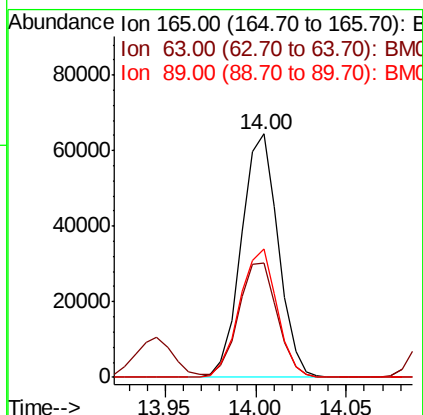
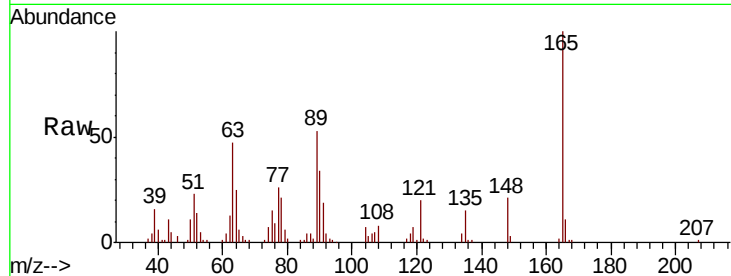




#51
 2,6-Dinitrotoluene
 Concen: 7.234 ng
 RT: 14.00 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

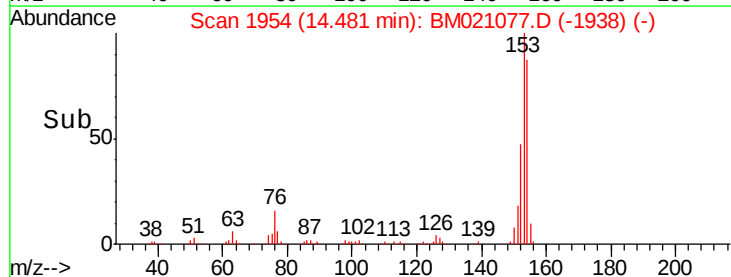
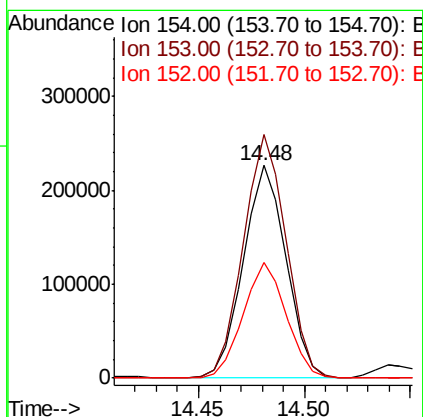
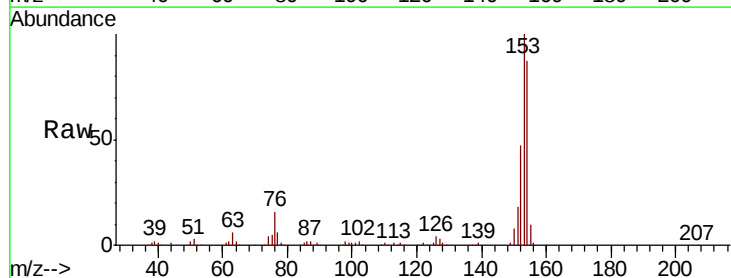
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

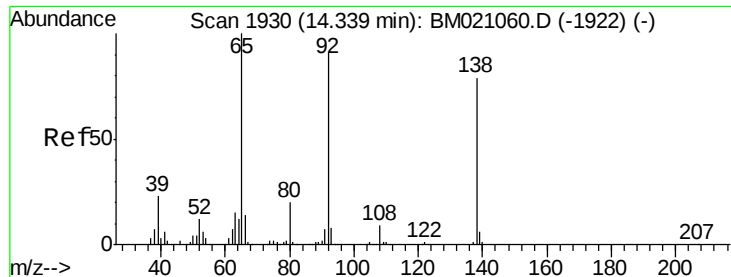
Tgt Ion:165 Resp: 90914
 Ion Ratio Lower Upper
 165 100
 63 47.0 37.8 56.6
 89 52.6 39.7 59.5



#52
 Acenaphthene
 Concen: 7.616 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion:154 Resp: 319411
 Ion Ratio Lower Upper
 154 100
 153 114.6 91.5 137.3
 152 54.2 42.3 63.5

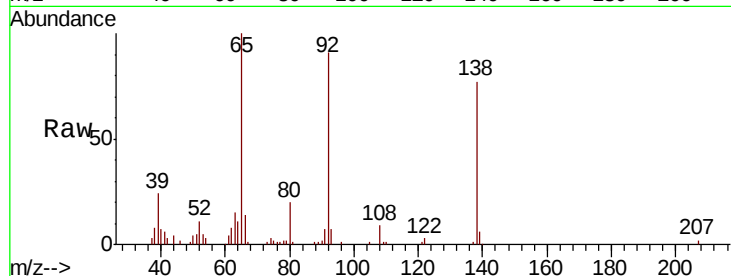




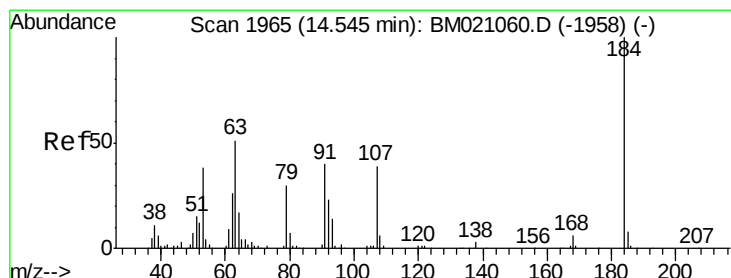
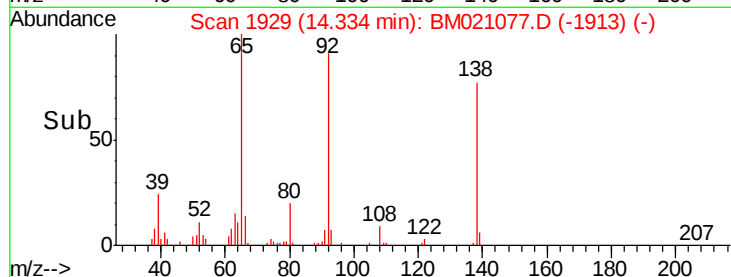
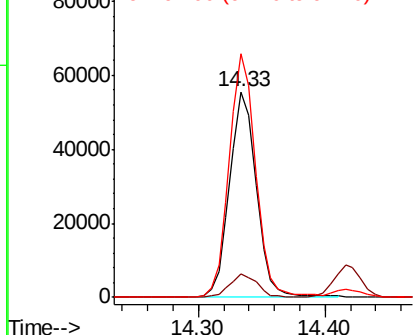
#53
 3-Nitroaniline
 Concen: 6.343 ng
 RT: 14.33 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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

Tgt Ion:138 Resp: 81274
 Ion Ratio Lower Upper
 138 100
 108 11.7 9.0 13.4
 92 118.5 92.2 138.2

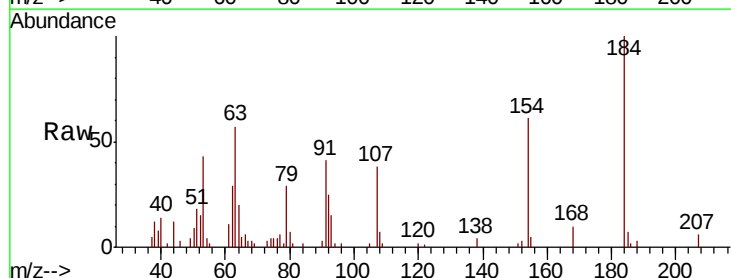


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

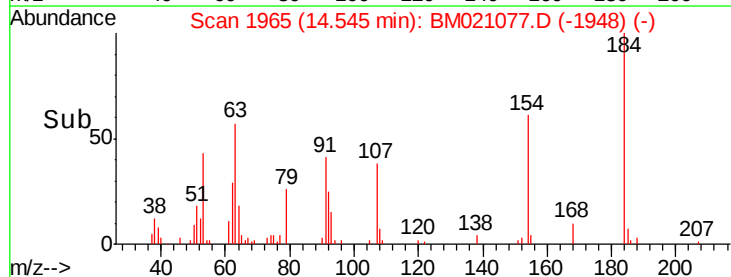
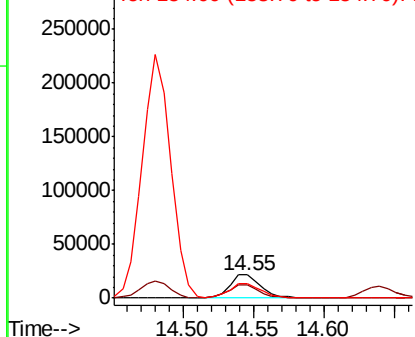


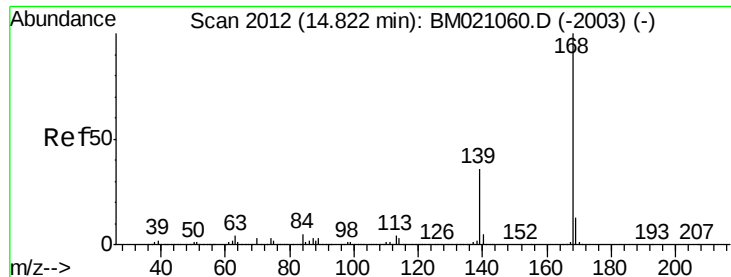
#54
 2,4-Dinitrophenol
 Concen: 4.973 ng
 RT: 14.55 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion:184 Resp: 33572
 Ion Ratio Lower Upper
 184 100
 63 56.7 45.5 68.3
 154 60.6 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

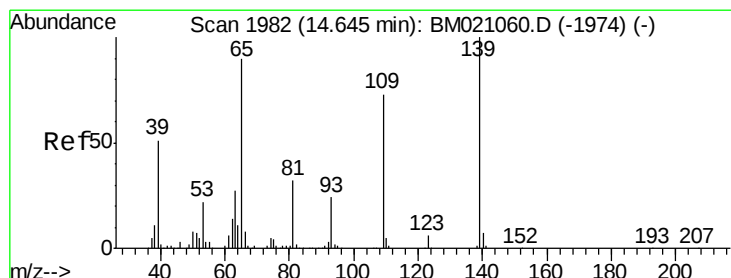
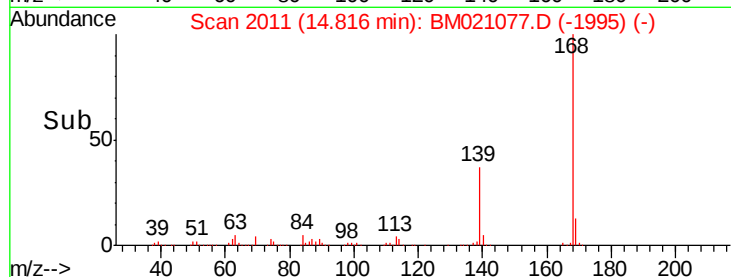
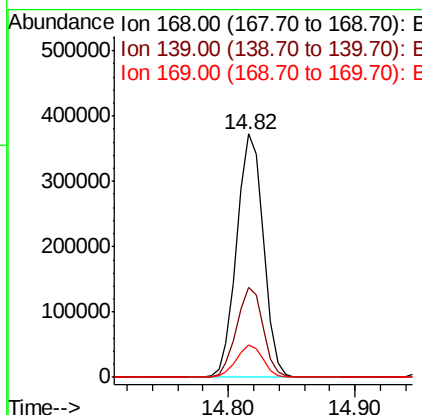
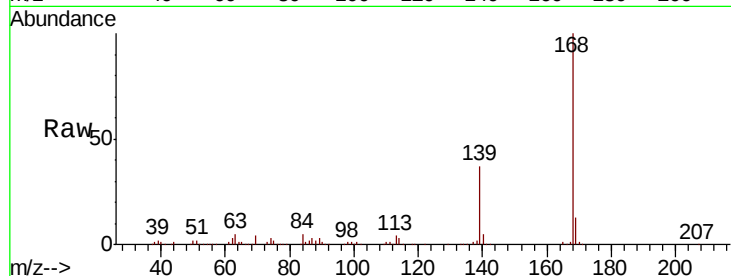




#55
Dibenzenofuran
Concen: 7.892 ng
RT: 14.82 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

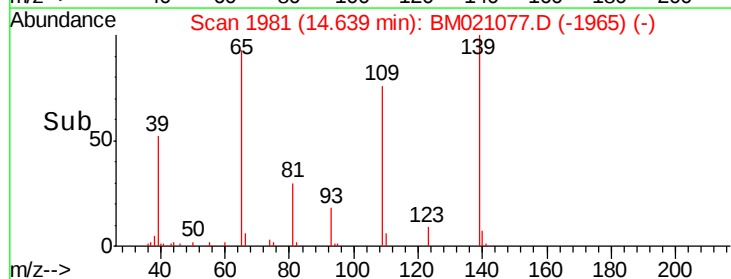
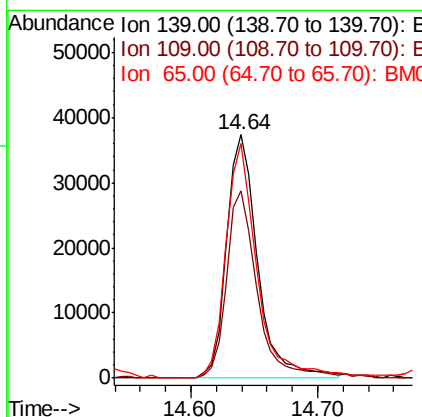
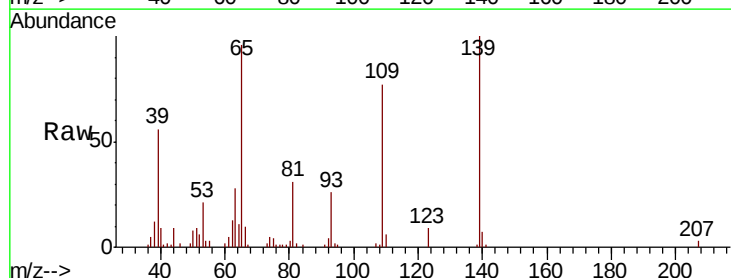
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

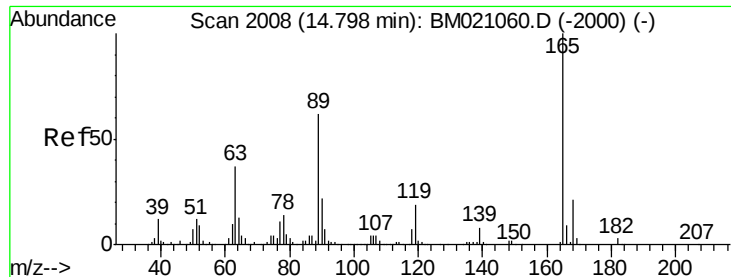
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.1	28.4	42.6
169	13.5	10.6	16.0



#56
4-Nitrophenol
Concen: 6.459 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.9	53.3	93.3
65	96.2	70.3	110.3

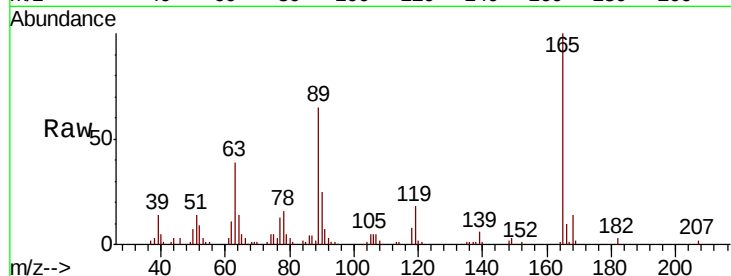




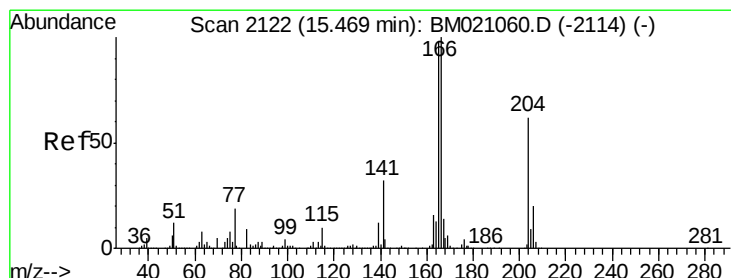
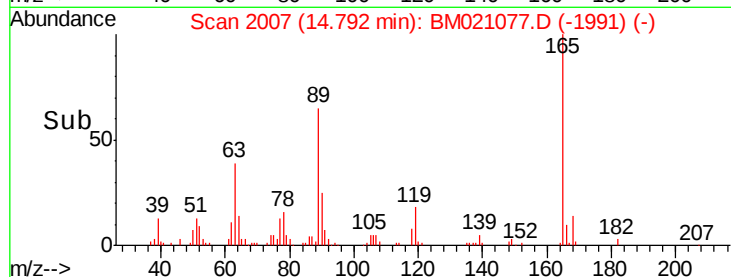
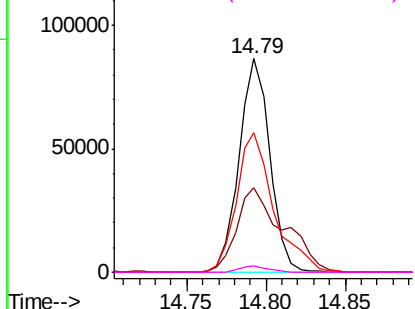
#57
2,4-Dinitrotoluene
Concen: 6.684 ng
RT: 14.79 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tgt Ion:	165	Resp:	116003
Ion	Ratio	Lower	Upper
165	100		
63	39.5	29.6	44.4
89	65.4	49.5	74.3
182	2.7	2.4	3.6

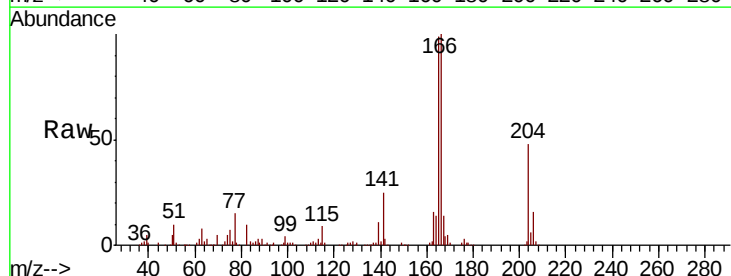


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

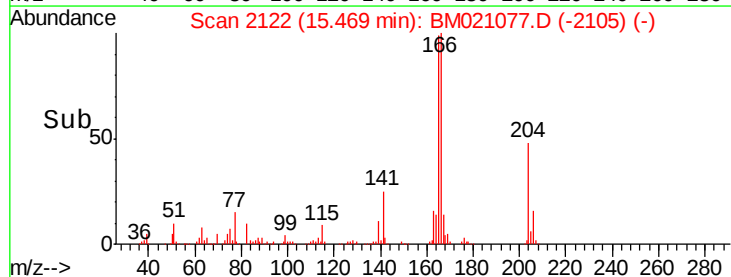
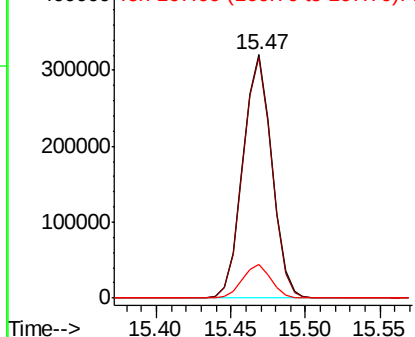


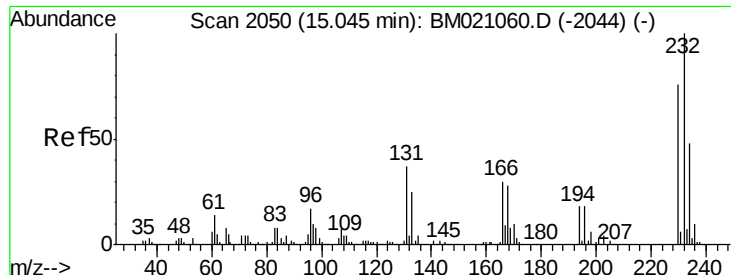
#58
Fluorene
Concen: 7.716 ng
RT: 15.47 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion:	166	Resp:	431323
Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	13.8	10.9	16.3



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

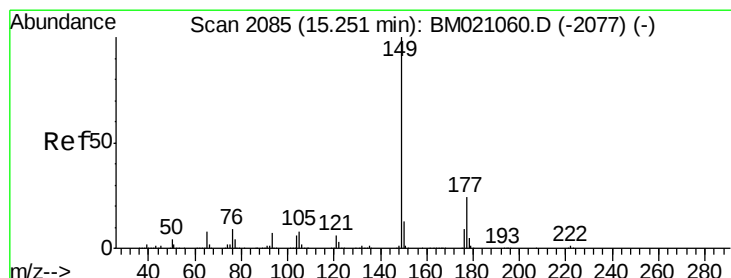
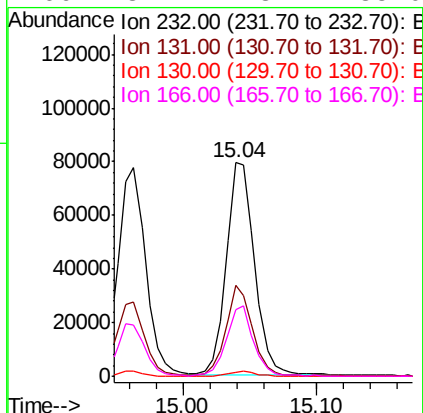
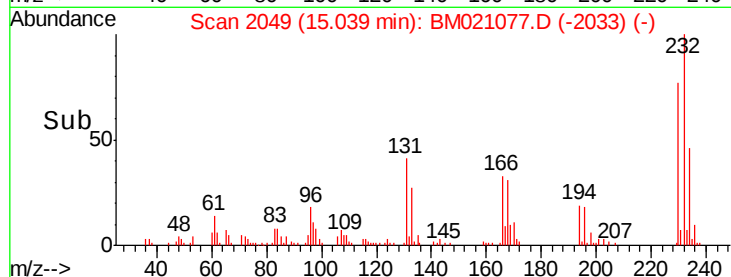
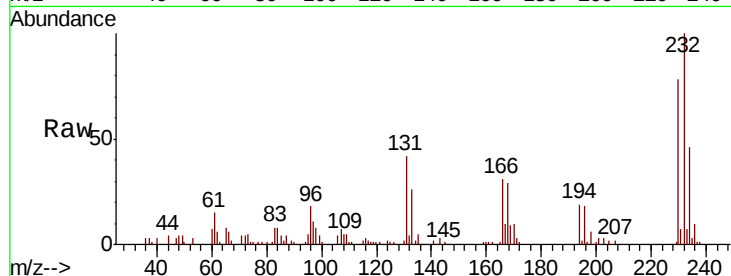




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.171 ng
RT: 15.04 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

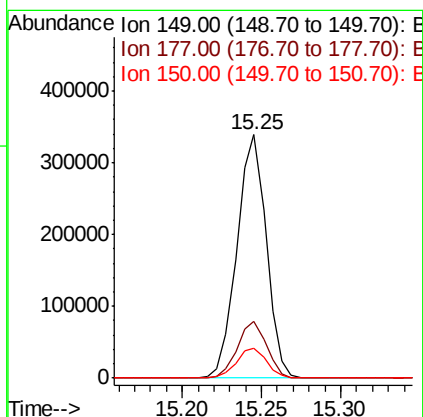
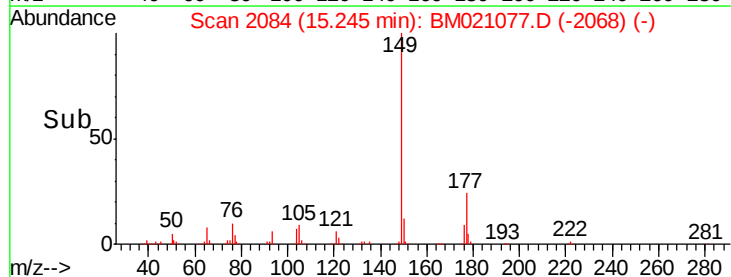
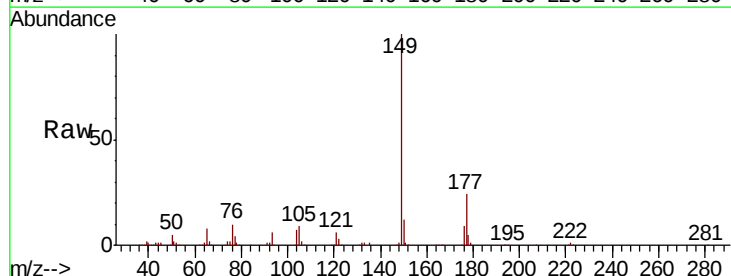
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

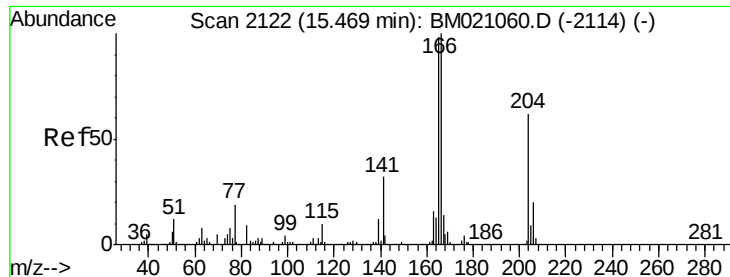
Tgt Ion:232 Resp: 116773
Ion Ratio Lower Upper
232 100
131 40.6 30.6 46.0
130 2.0 1.7 2.5
166 32.1 23.4 35.0



#60
Diethylphthalate
Concen: 7.559 ng
RT: 15.25 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion:149 Resp: 434900
Ion Ratio Lower Upper
149 100
177 23.5 19.1 28.7
150 12.4 10.1 15.1

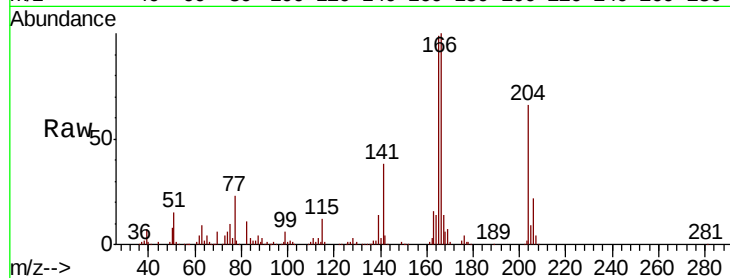




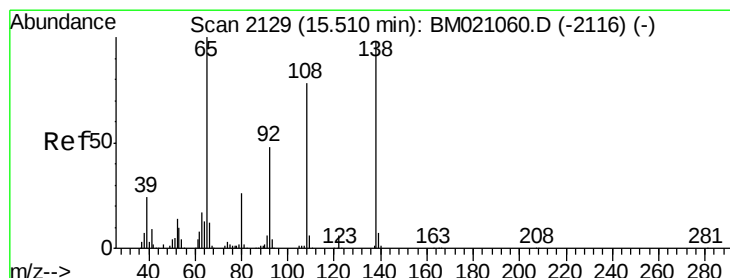
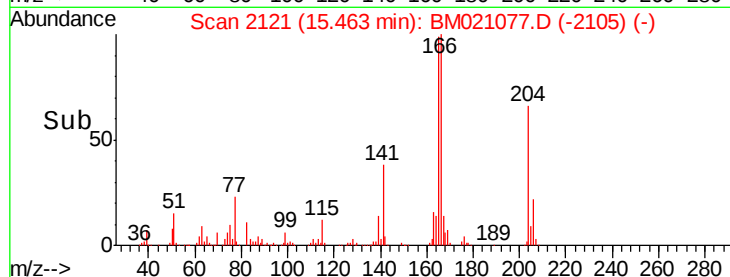
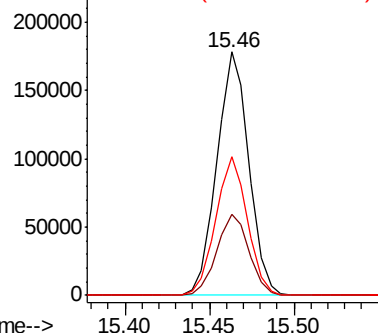
#61
4-Chlorophenyl-phenylether
Concen: 7.437 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tgt Ion: 204 Resp: 234855
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 57.0 40.7 61.1

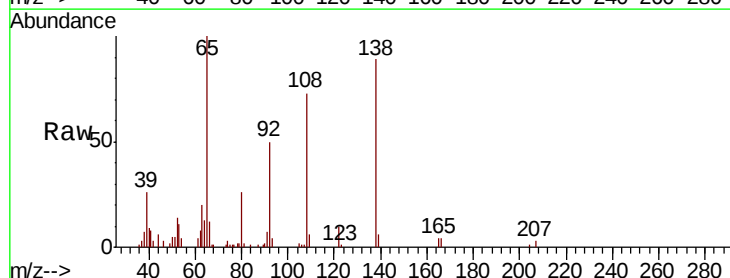


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

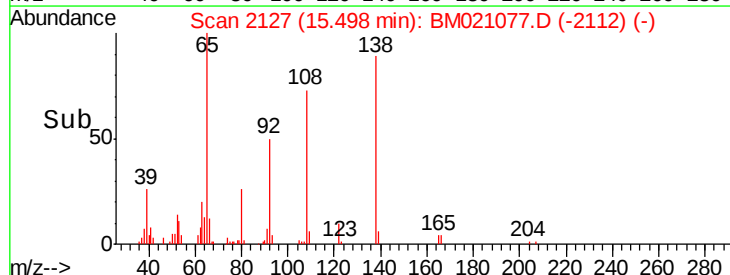
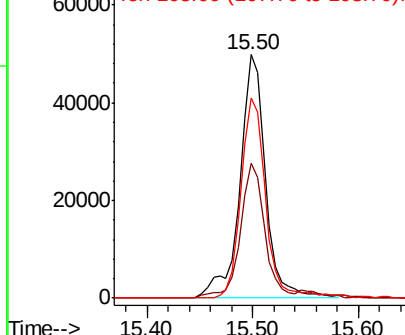


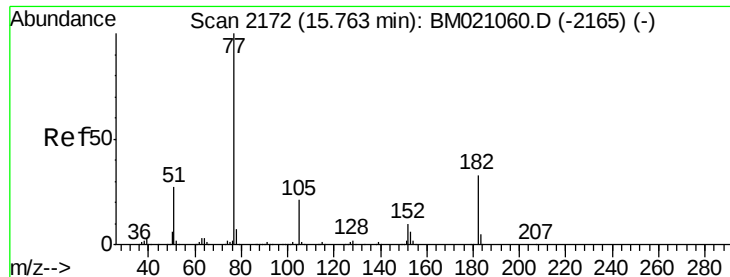
#62
4-Nitroaniline
Concen: 6.255 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion: 138 Resp: 84115
Ion Ratio Lower Upper
138 100
92 55.6 29.1 69.1
108 82.0 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

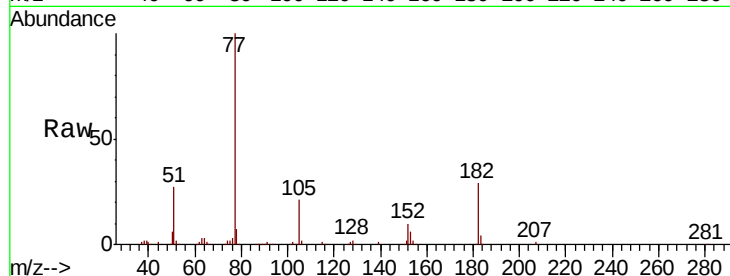




#63
Azobenzene
Concen: 7.842 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tgt Ion:	77	Resp:	370099
Ion	Ratio	Lower	Upper
77	100		
182	28.9	12.6	52.6
105	21.1	1.1	41.1
51	26.8	6.9	46.9

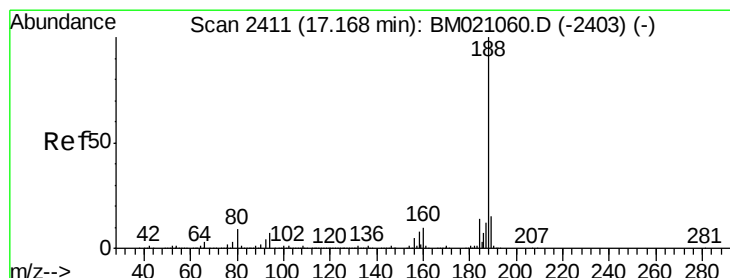
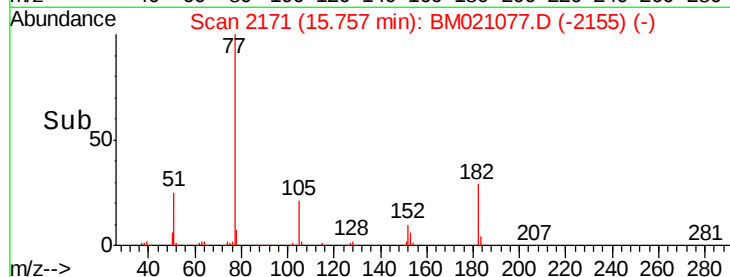
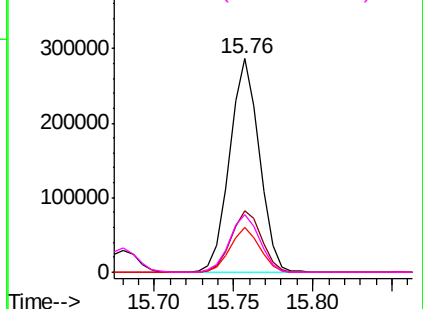


Abundance Ion 77.00 (76.70 to 77.70): BM021077.D (-2155) (-)

Ion 182.00 (181.70 to 182.70): BM021077.D (-2155) (-)

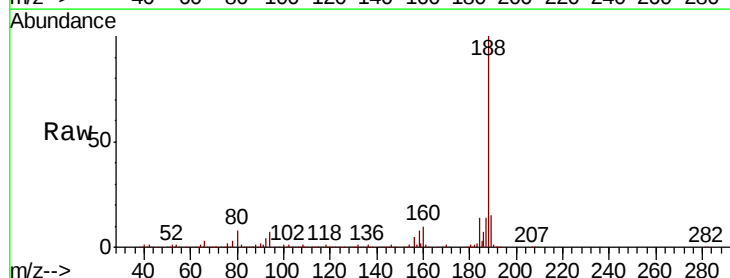
Ion 105.00 (104.70 to 105.70): BM021077.D (-2155) (-)

Ion 51.00 (50.70 to 51.70): BM021077.D (-2155) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

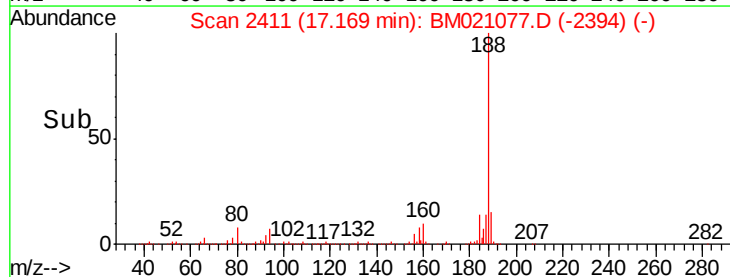
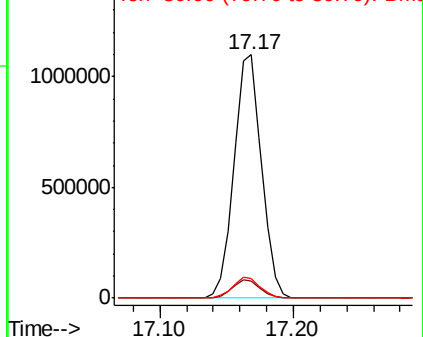
Tgt Ion:	188	Resp:	1572562
Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.8
80	8.1	6.9	10.3

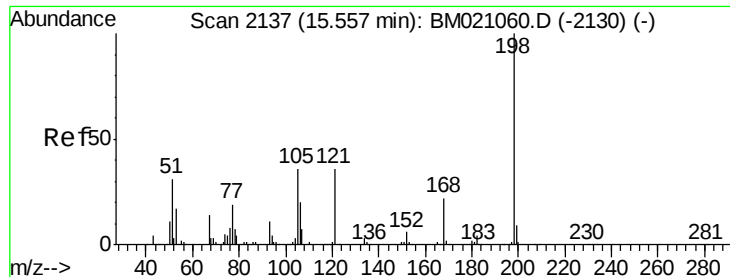


Abundance Ion 188.00 (187.70 to 188.70): BM021077.D (-2394) (-)

Ion 94.00 (93.70 to 94.70): BM021077.D (-2394) (-)

Ion 80.00 (79.70 to 80.70): BM021077.D (-2394) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 5.031 ng

RT: 15.55 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

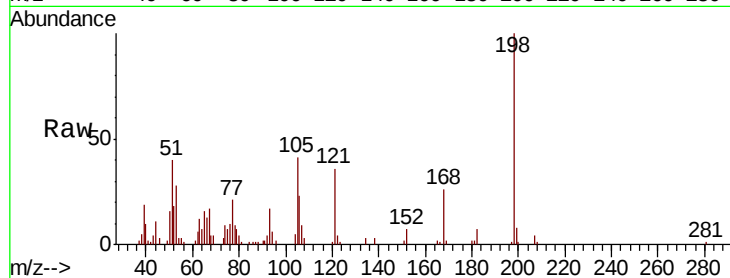
Tgt Ion:198 Resp: 48780

Ion Ratio Lower Upper

198 100

51 40.4 15.3 55.3

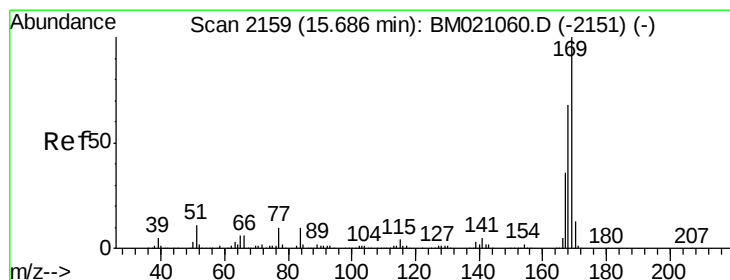
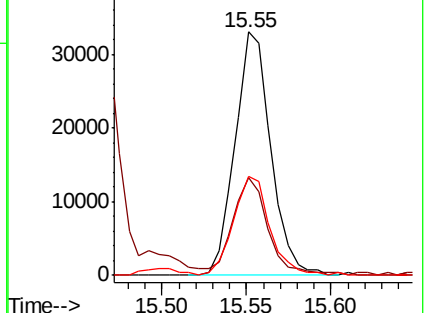
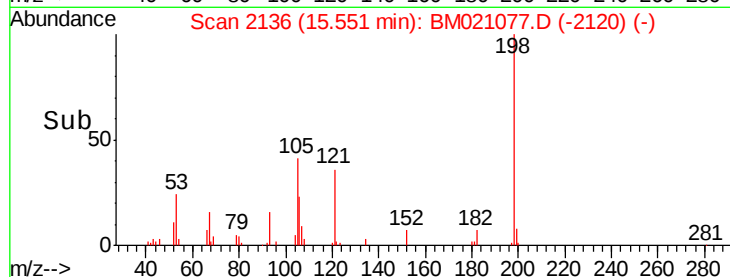
105 40.8 16.8 56.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM021077.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 7.665 ng

RT: 15.68 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

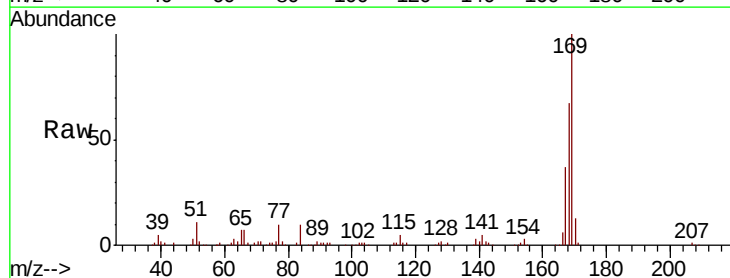
Tgt Ion:169 Resp: 379920

Ion Ratio Lower Upper

169 100

168 67.1 54.5 81.7

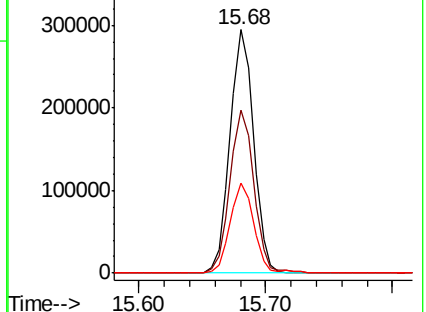
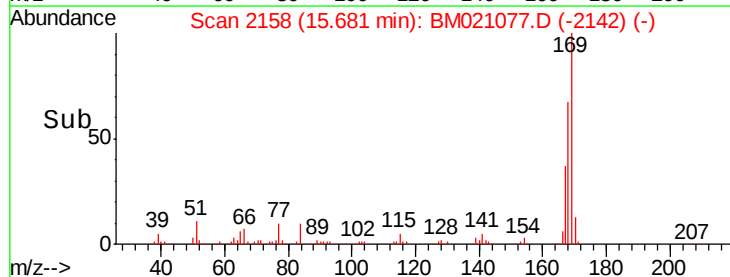
167 36.7 29.0 43.6

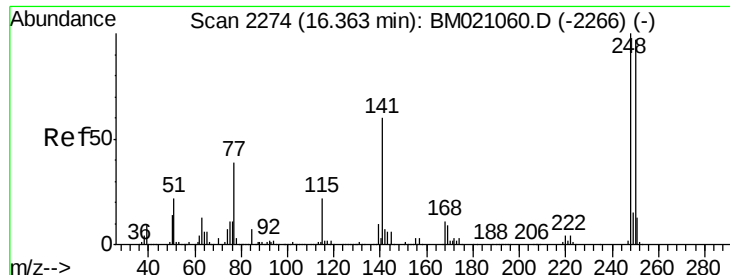


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

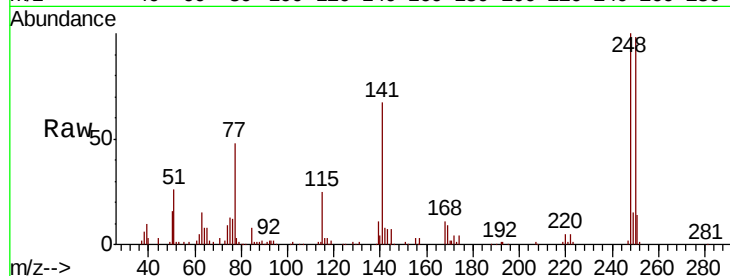




#67
 4-Bromophenyl-phenylether
 Concen: 7.090 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.5	116.3
141	67.3	47.8	71.6

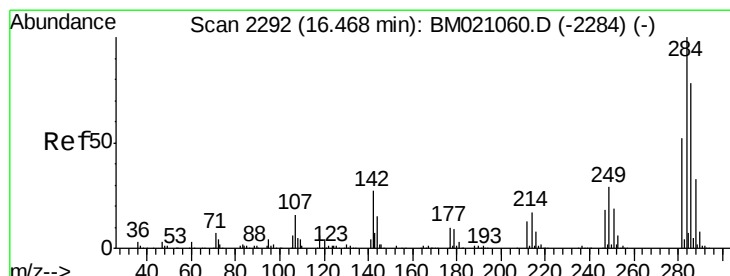
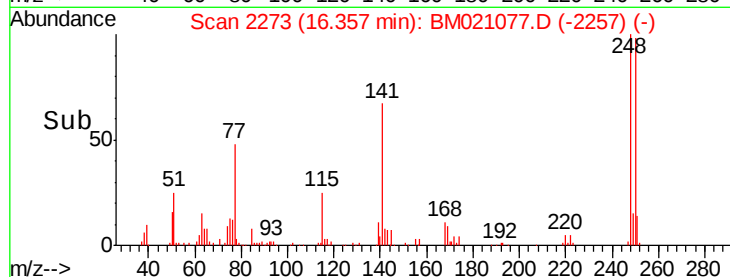
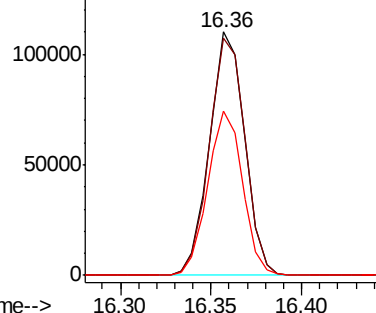


Abundance

Ion 248.00 (247.70 to 248.70): E

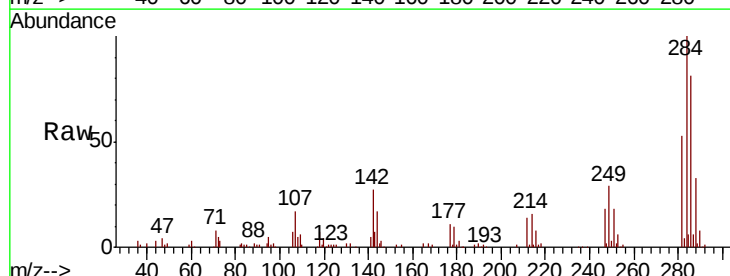
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 7.219 ng
 RT: 16.46 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	21.2	31.8
249	29.0	23.4	35.0

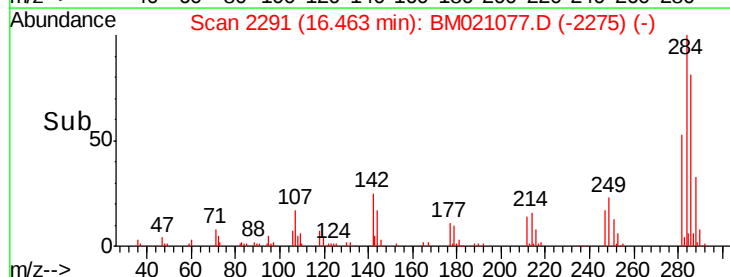
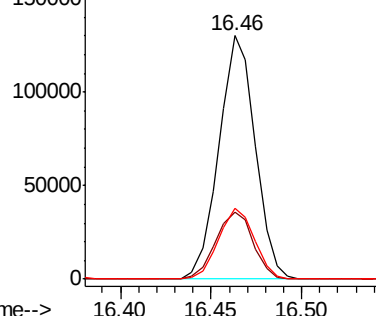


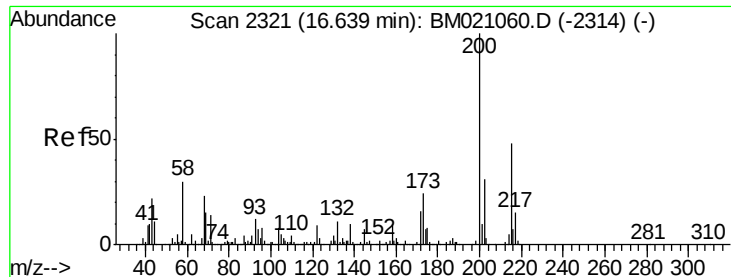
Abundance

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: 7.651 ng

RT: 16.63 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

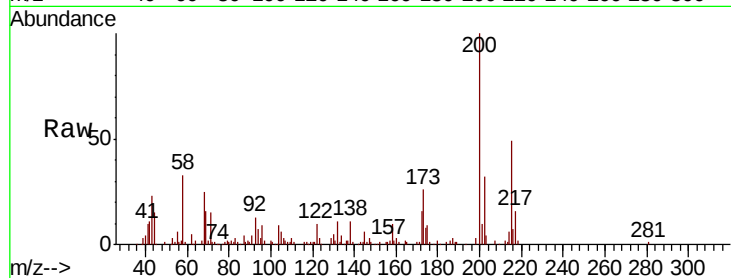
Tgt Ion:200 Resp: 123315

Ion Ratio Lower Upper

200 100

173 25.7 4.3 44.3

215 49.0 28.2 68.2

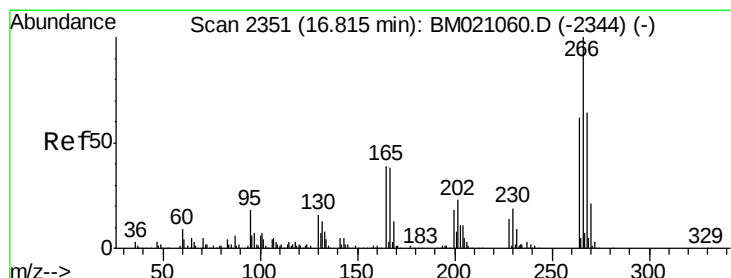
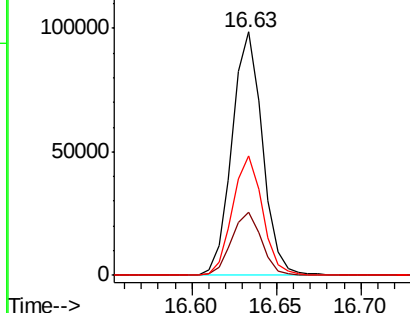
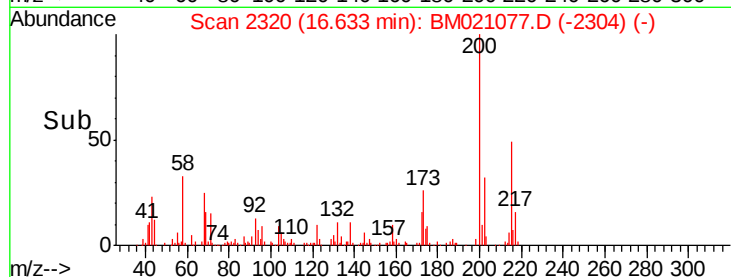


Abundance

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: 6.131 ng

RT: 16.82 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

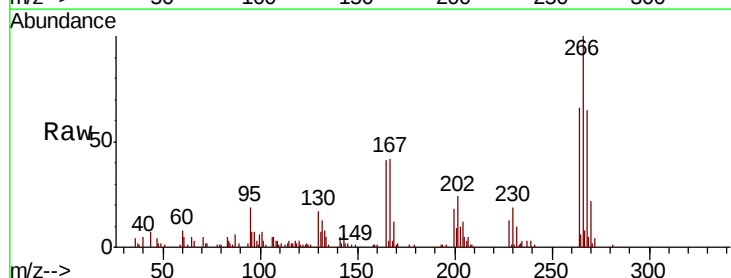
Tgt Ion:266 Resp: 82614

Ion Ratio Lower Upper

266 100

268 64.8 51.0 76.4

264 65.6 49.9 74.9

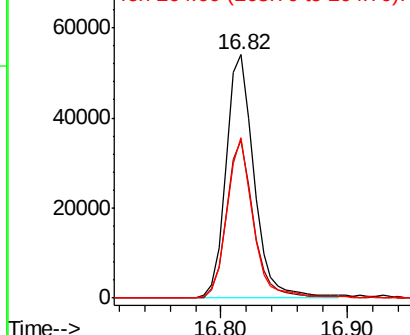
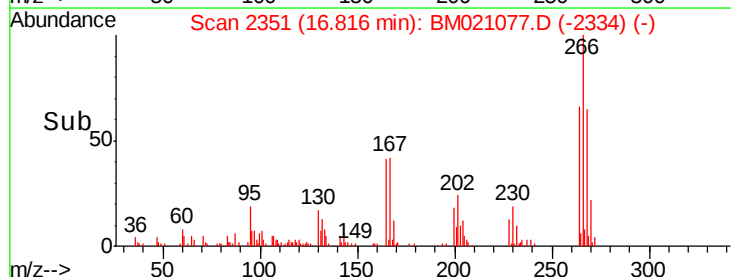


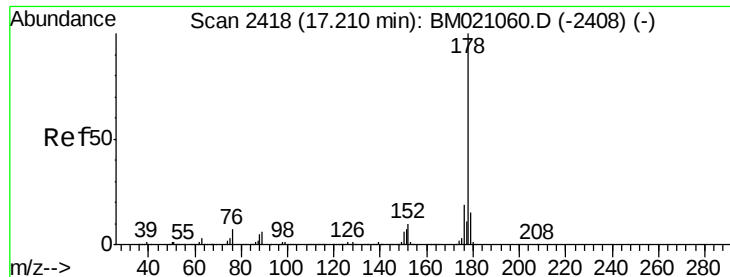
Abundance

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: 7.863 ng

RT: 17.21 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

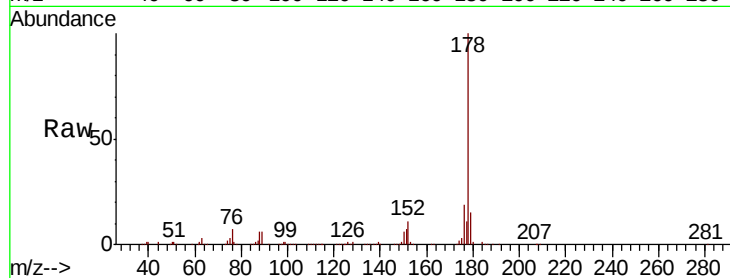
Tgt Ion:178 Resp: 712604

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

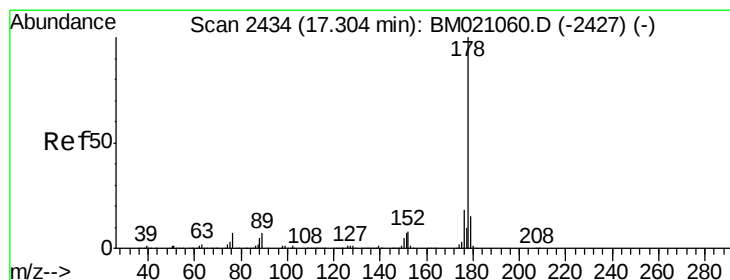
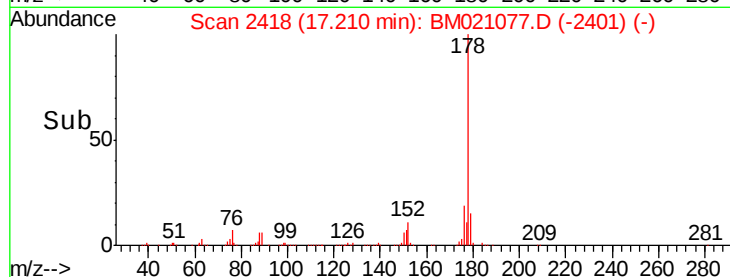
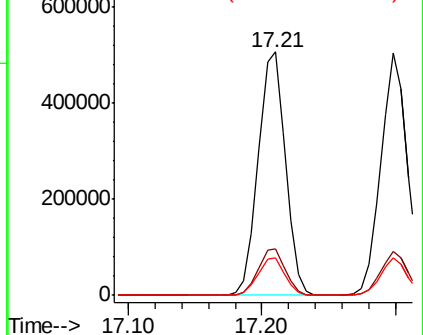
179 15.4 12.2 18.4



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: 7.758 ng

RT: 17.30 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

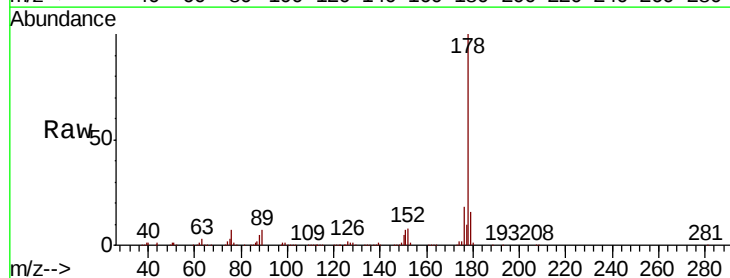
Tgt Ion:178 Resp: 696506

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

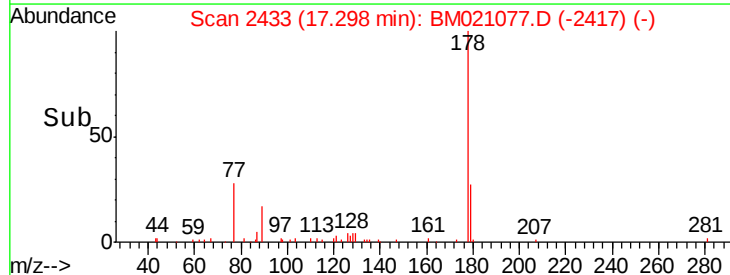
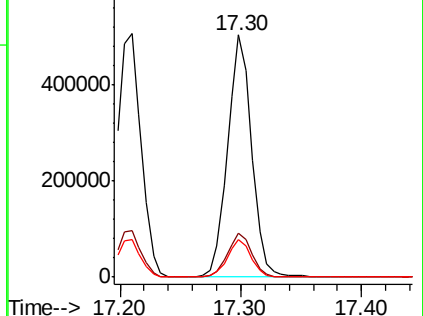
179 15.7 12.2 18.2

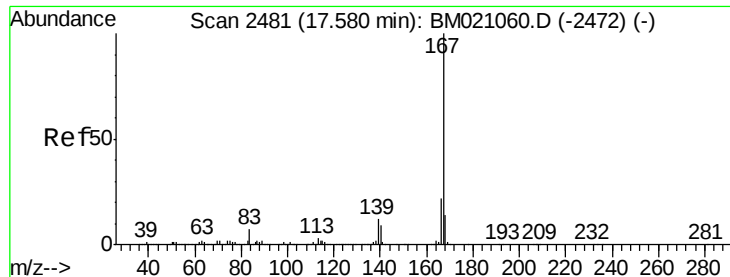


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

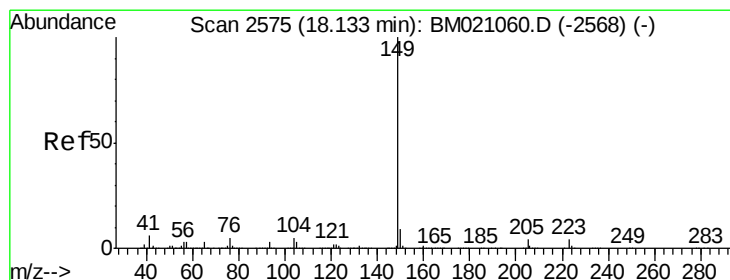
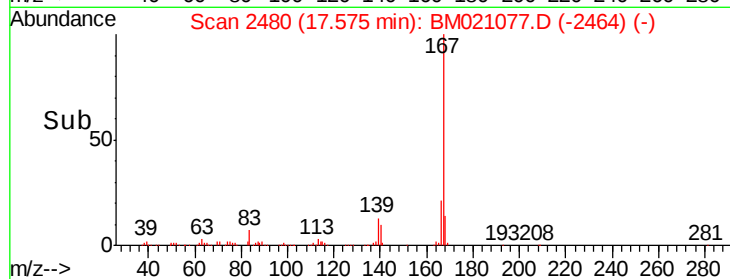
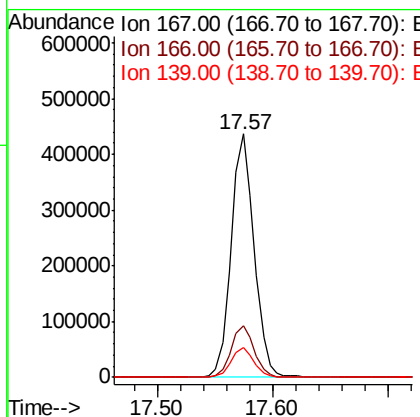
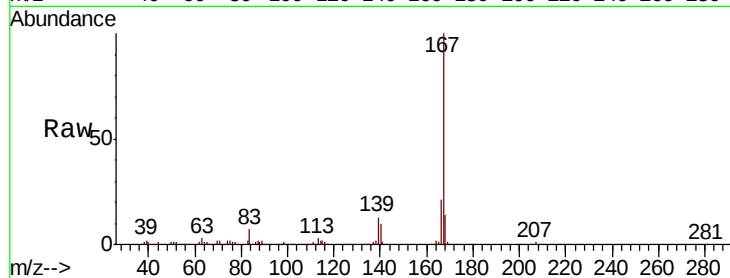




#73
 Carbazole
 Concen: 7.551 ng
 RT: 17.57 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

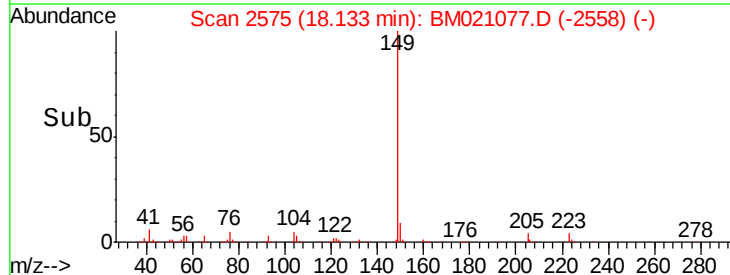
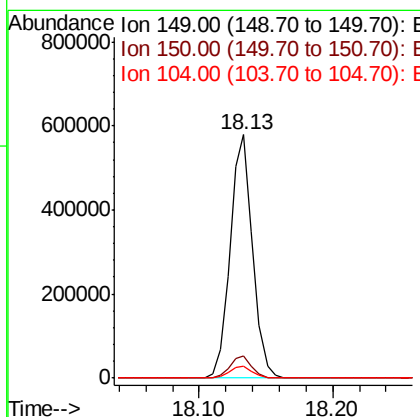
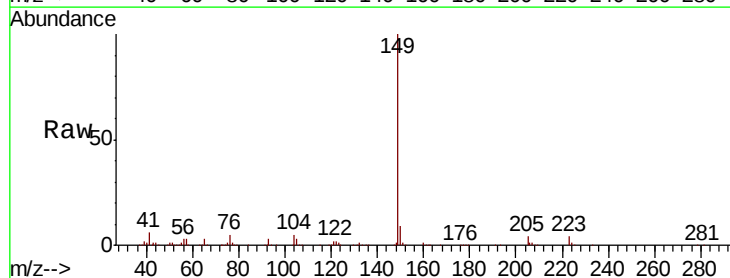
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

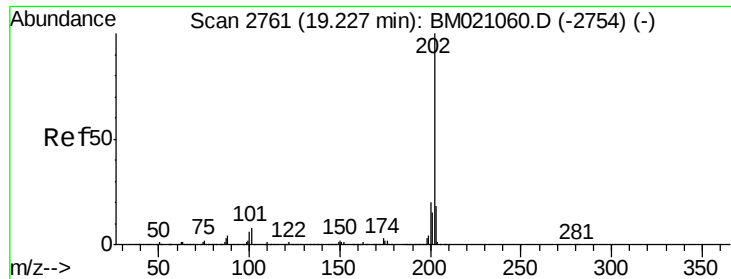
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.2
139	12.5	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 6.971 ng
 RT: 18.13 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	3.8	5.8





#75

Fluoranthene

Concen: 7.637 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

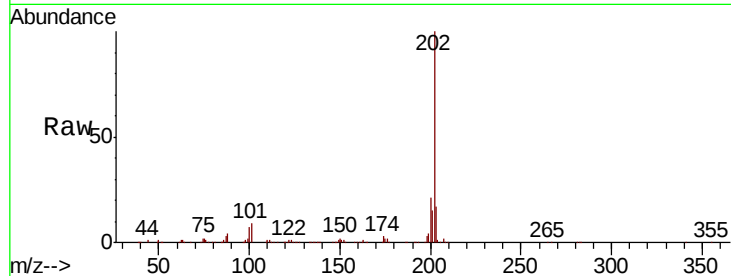
Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tgt Ion:	202	Resp:	799242
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	28.2
203	17.4	0.0	37.6

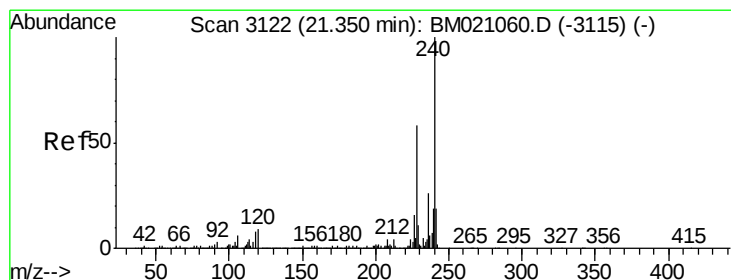
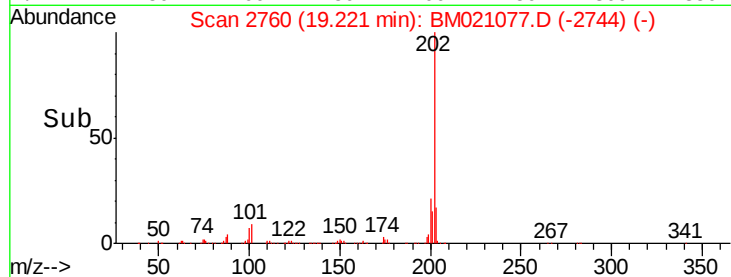
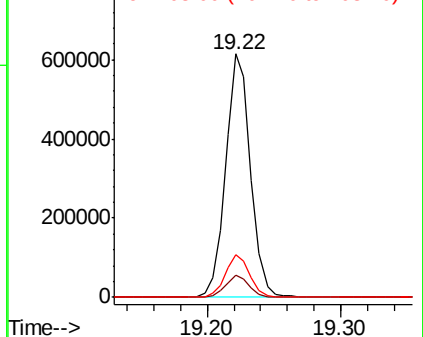


Abundance

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

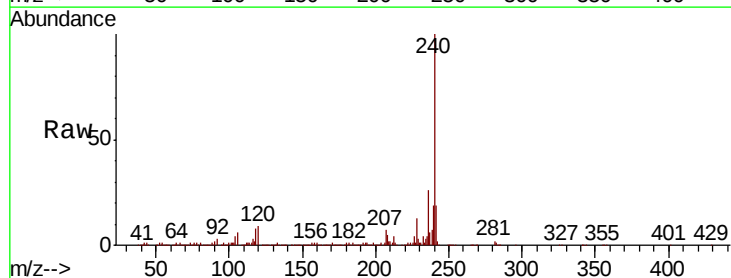
RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Tgt Ion:	240	Resp:	1435980
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.9	10.3
236	25.9	20.4	30.6

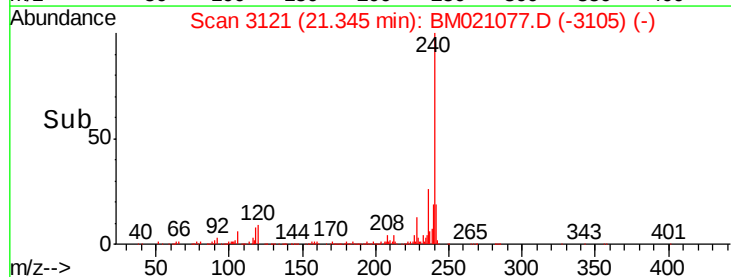
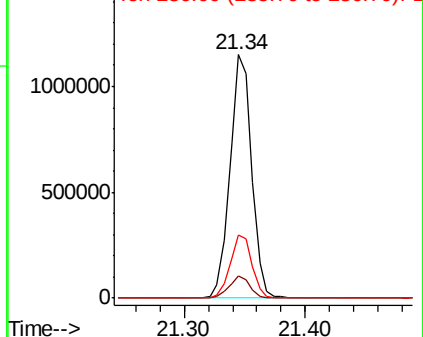


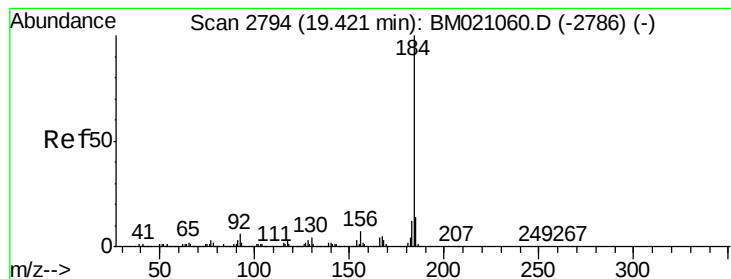
Abundance

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: 6.401 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

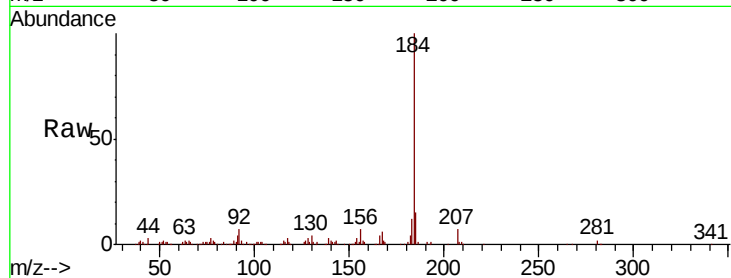
Tgt Ion:184 Resp: 266898

Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.2

183 11.8 9.6 14.4

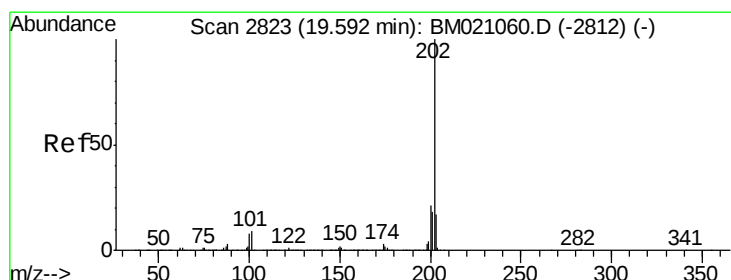
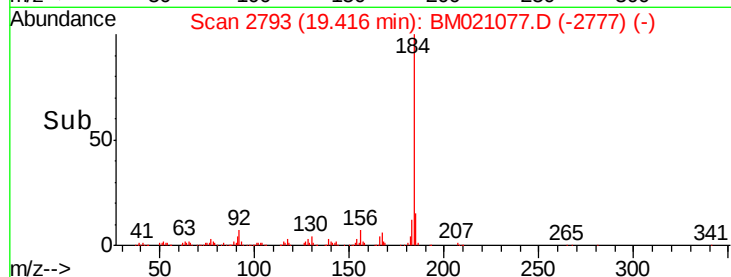
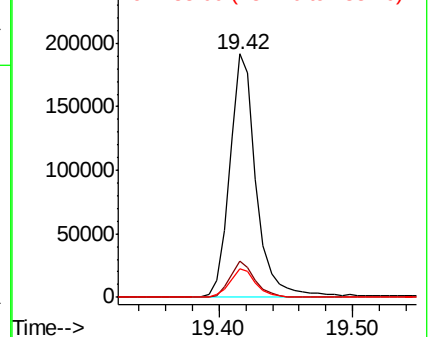


Abundance

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: 7.890 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

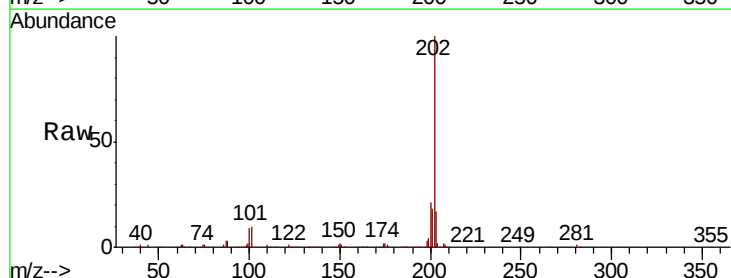
Tgt Ion:202 Resp: 821712

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

203 17.3 14.0 21.0

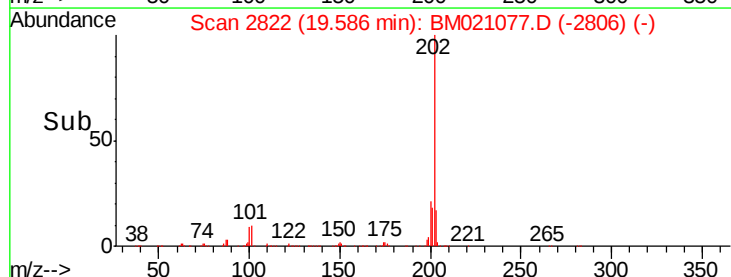
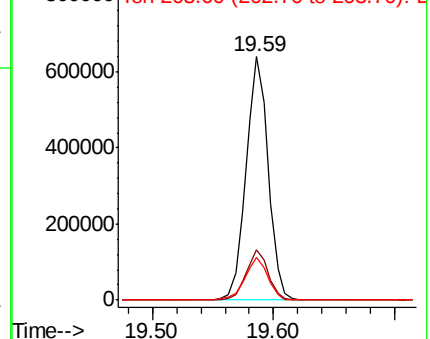


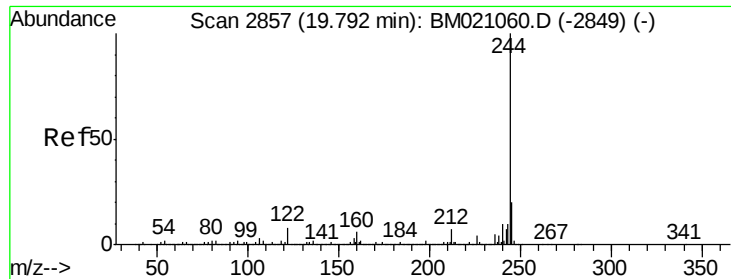
Abundance

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: 103.208 ng

RT: 19.79 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

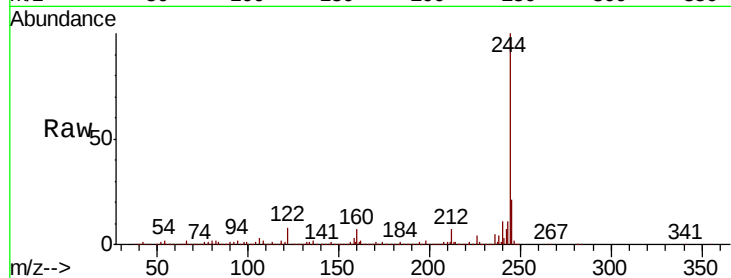
Tgt Ion:244 Resp: 7935063

Ion Ratio Lower Upper

244 100

212 6.9 5.3 7.9

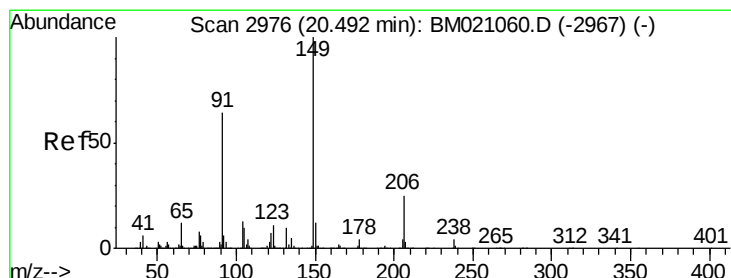
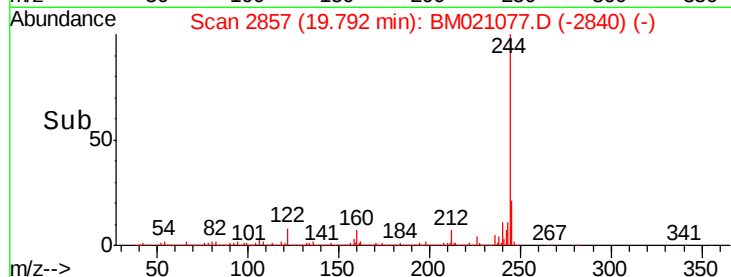
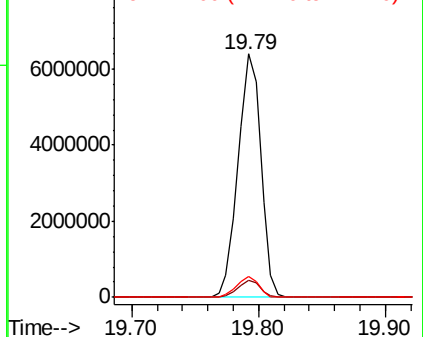
122 8.3 6.6 9.8



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: 6.601 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

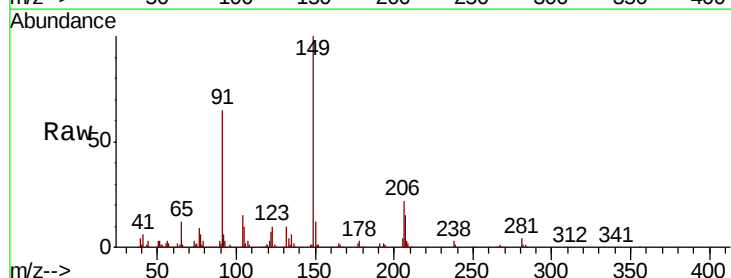
Tgt Ion:149 Resp: 274009

Ion Ratio Lower Upper

149 100

91 65.4 50.9 76.3

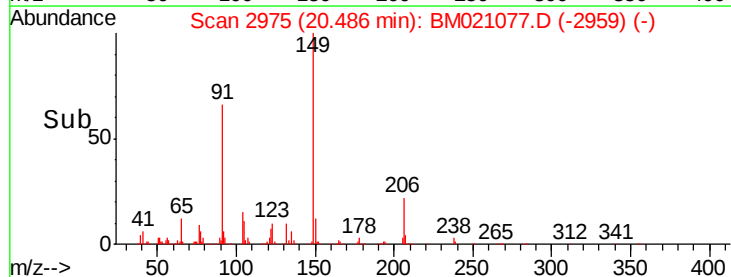
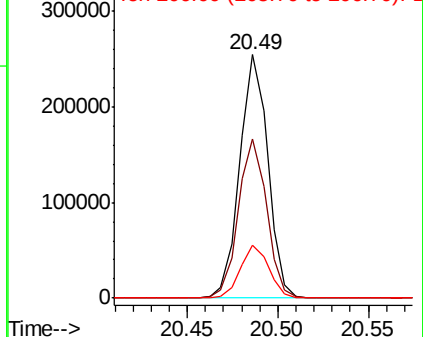
206 22.0 19.7 29.5

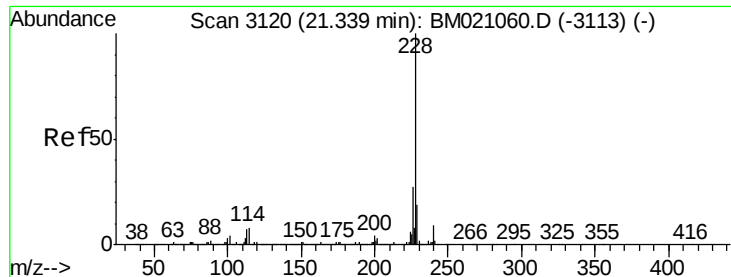


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

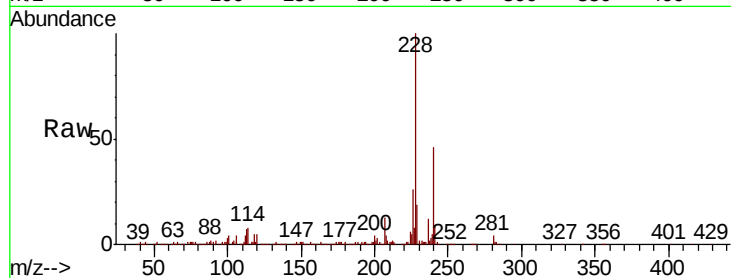




#81
Benzo(a)anthracene
Concen: 7.689 ng
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tgt Ion:	228	Resp:	752684
Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.6	32.4
229	18.6	15.5	23.3

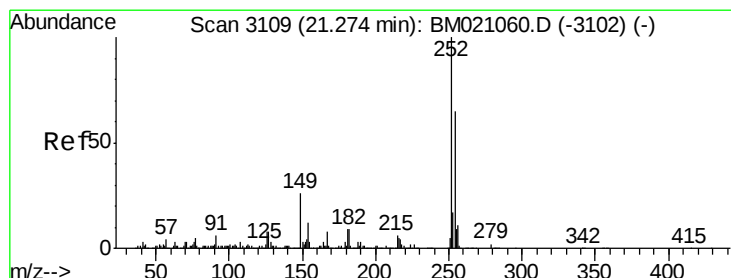
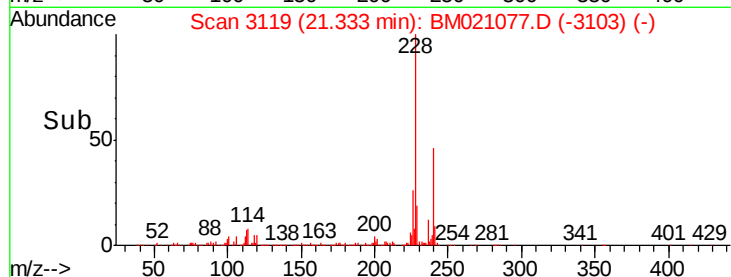
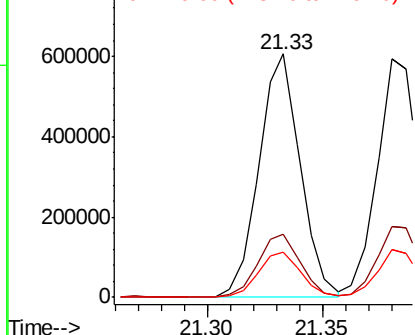


Abundance

Ion 228.00 (227.70 to 228.70): E

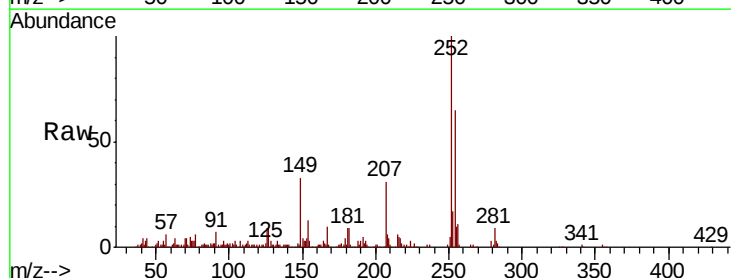
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 7.223 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion:	252	Resp:	267813
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.7	77.5
126	9.4	6.6	9.8

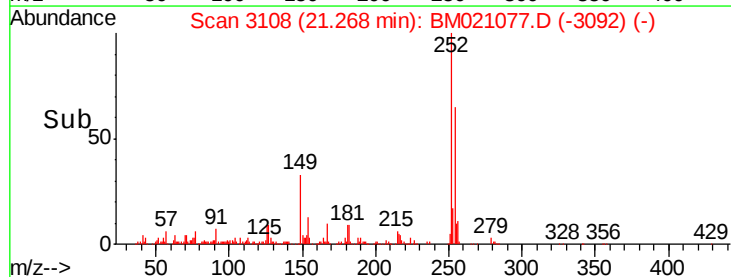
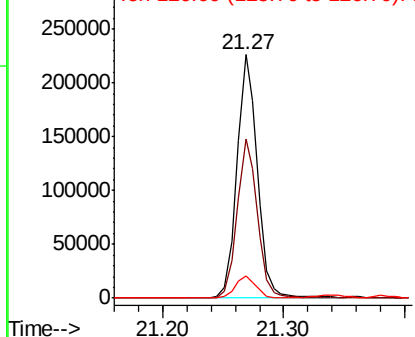


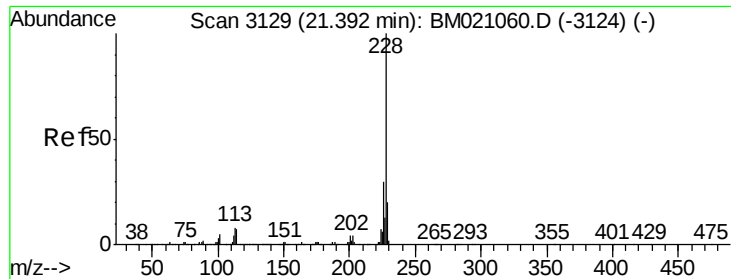
Abundance

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: 8.028 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

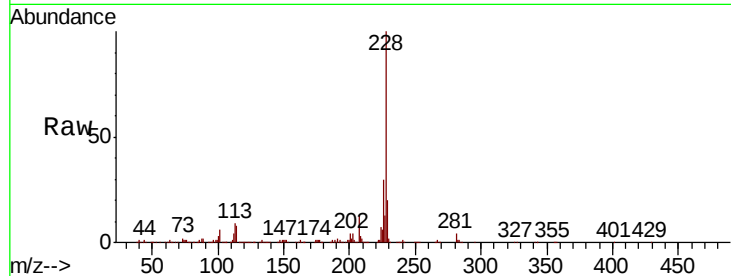
BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tgt Ion: 228 Resp: 748597

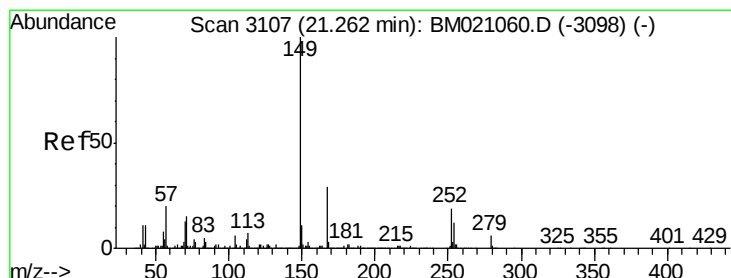
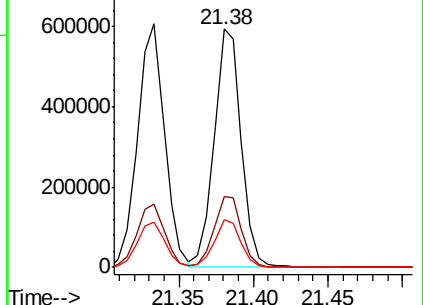
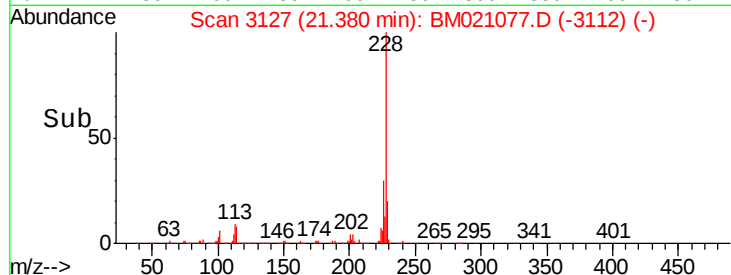
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.9	15.6	23.4



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: 6.747 ng

RT: 21.26 min Scan# 3106

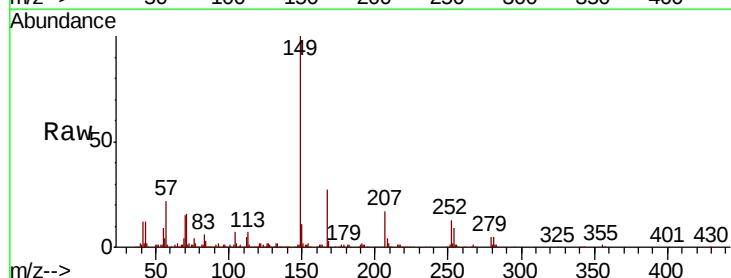
Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Tgt Ion: 149 Resp: 398613

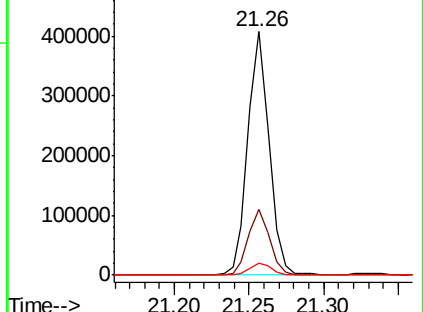
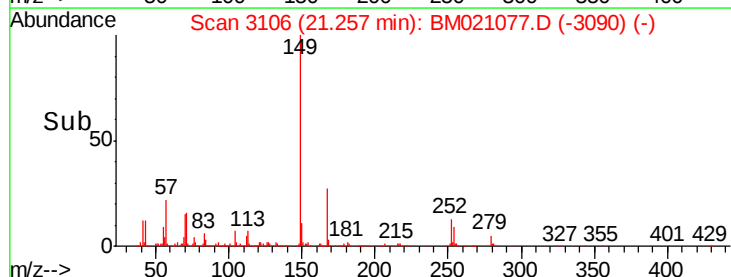
Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.0	34.4
279	5.0	4.6	7.0

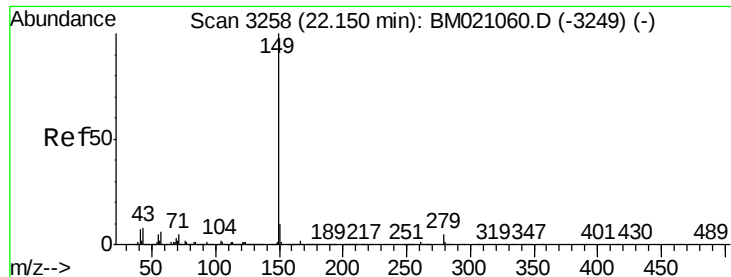


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 6.892 ng

RT: 22.14 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

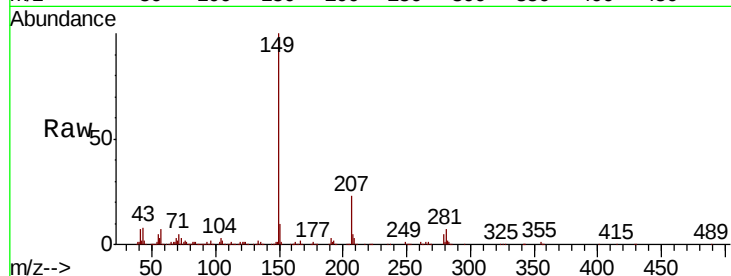
Tgt Ion:149 Resp: 640326

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

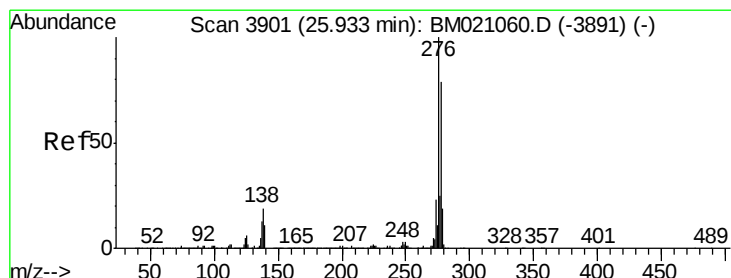
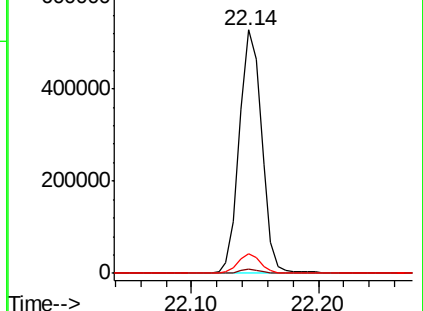
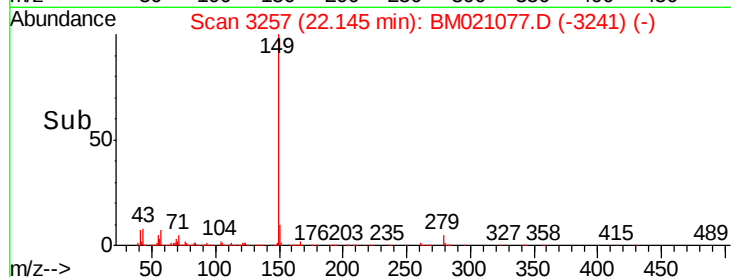
43 8.1 6.2 9.2



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: 7.789 ng

RT: 25.92 min Scan# 3898

Delta R.T. -0.02 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

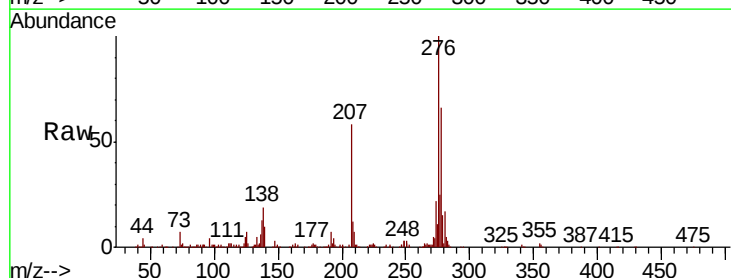
Tgt Ion:276 Resp: 803718

Ion Ratio Lower Upper

276 100

138 20.0 15.4 23.0

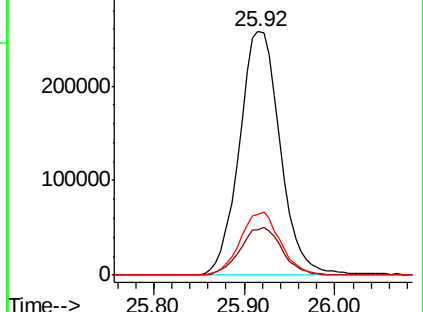
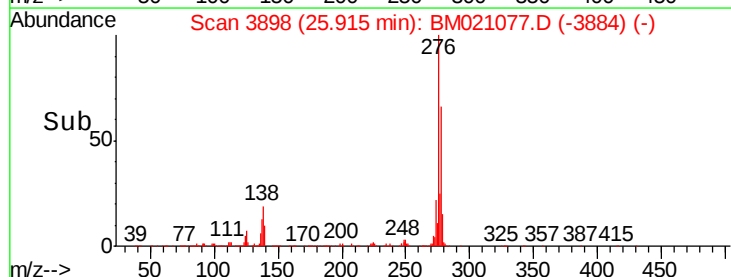
277 25.5 20.4 30.6

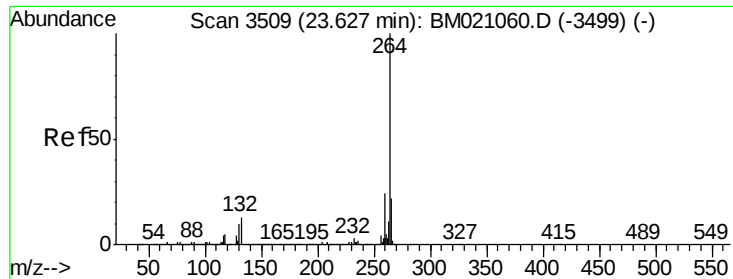


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

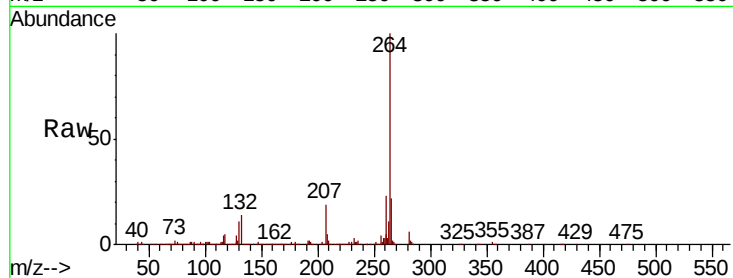
Tgt Ion:264 Resp: 1477600

Ion Ratio Lower Upper

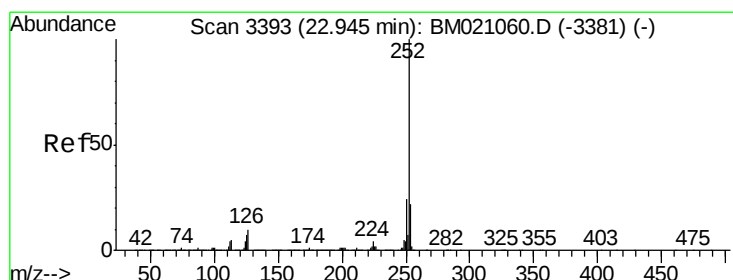
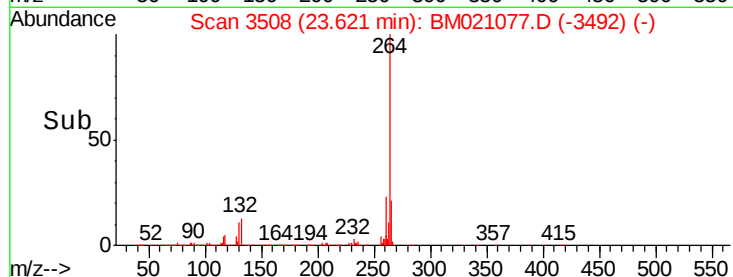
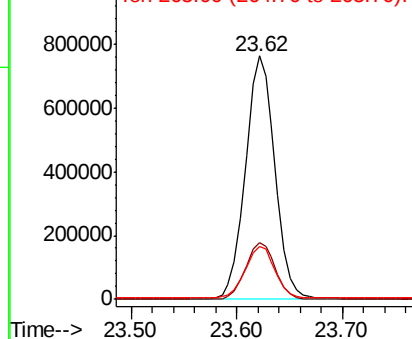
264 100

260 23.0 19.0 28.4

265 21.9 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: 7.433 ng

RT: 22.93 min Scan# 3391

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

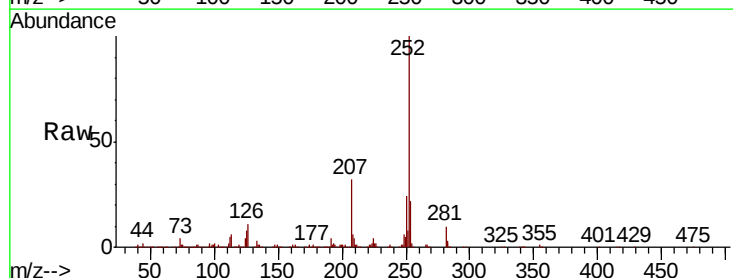
Tgt Ion:252 Resp: 740904

Ion Ratio Lower Upper

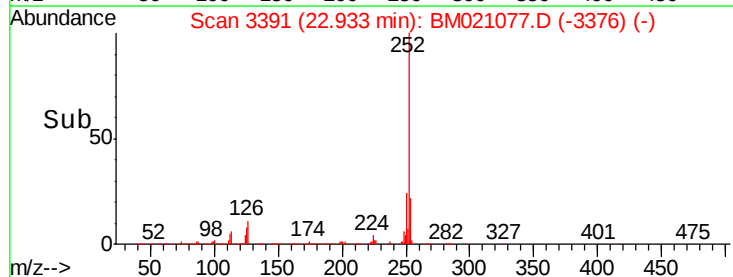
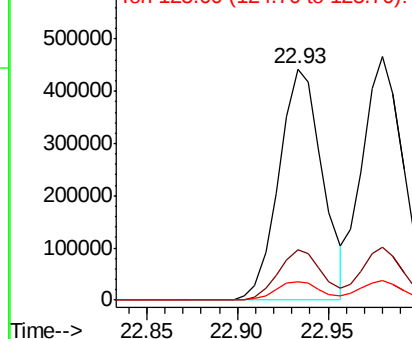
252 100

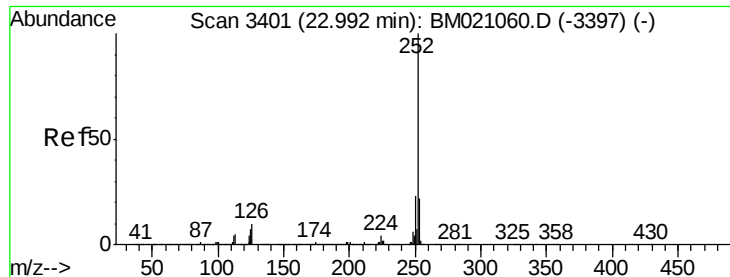
253 21.9 17.4 26.0

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: 7.665 ng

RT: 22.98 min Scan# 3399

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

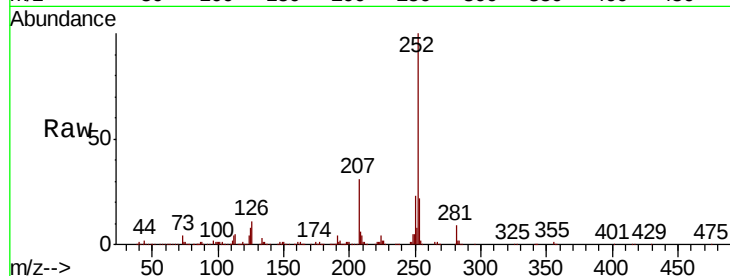
Tgt Ion:252 Resp: 738568

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.3 5.9 8.9

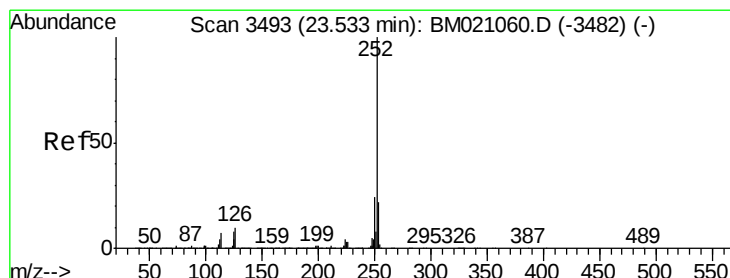
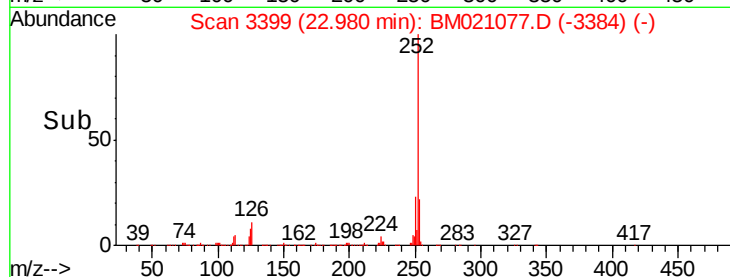
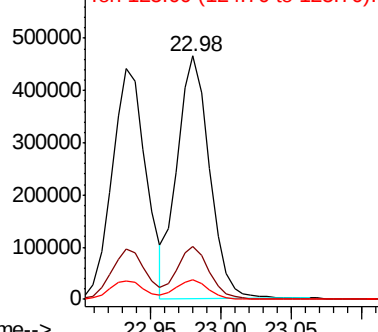


Abundance

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



#90

Benzo(a)pyrene

Concen: 7.653 ng

RT: 23.52 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

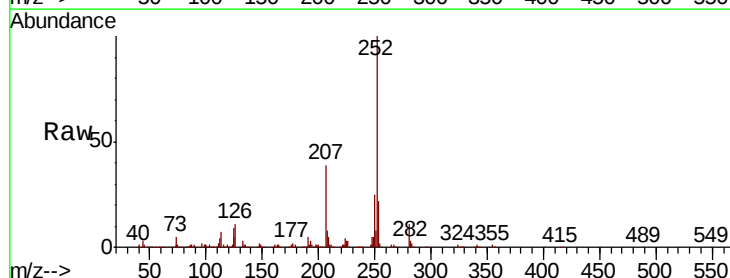
Tgt Ion:252 Resp: 688378

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.7 6.6 10.0

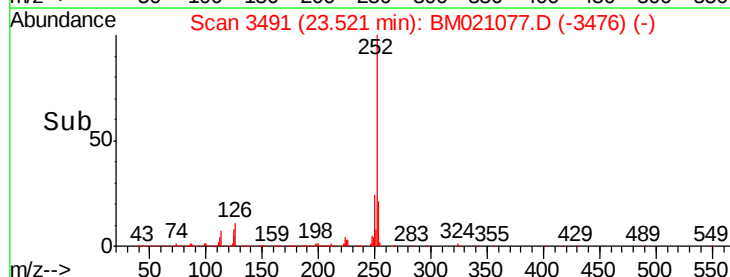
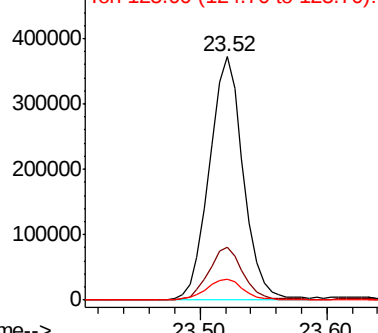


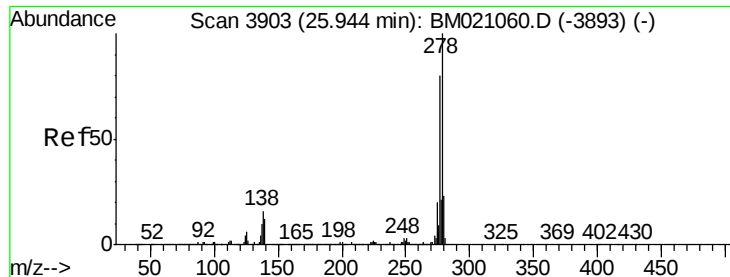
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

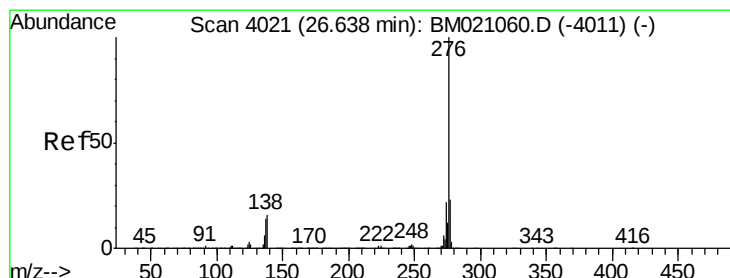
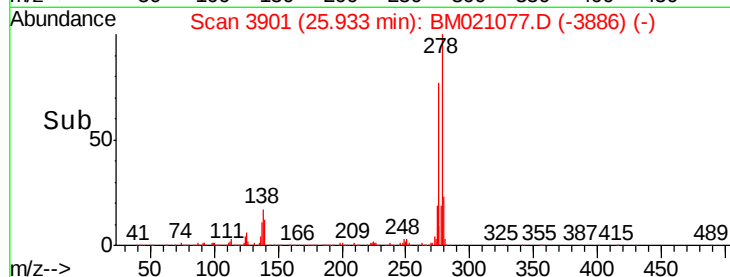
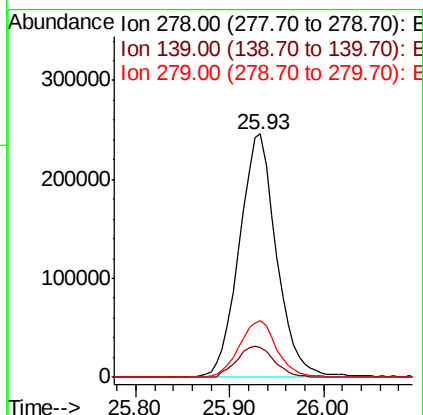
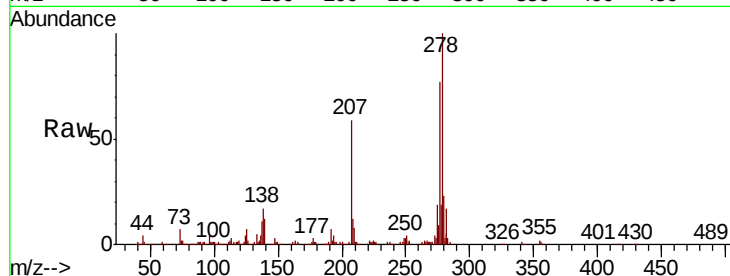




#91
Dibenzo(a,h)anthracene
Concen: 7.538 ng
RT: 25.93 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tgt Ion: 278 Resp: 675997
Ion Ratio Lower Upper
278 100
139 12.4 9.8 14.8
279 23.2 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 7.834 ng
RT: 26.63 min Scan# 4019
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion: 276 Resp: 655108
Ion Ratio Lower Upper
276 100
277 22.8 18.8 28.2
138 17.1 13.1 19.7

