

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
 Data File : BM024620.D
 Acq On : 24 Jan 2020 14:19
 Operator : CG/JU
 Sample : K5111-09
 Misc : 8 PPM MDL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Quant Time: Jan 24 16:40:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	216510	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	877713	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	630874	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1486630	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1598408	20.00	ng	0.00
87) Perylene-d12	23.16	264	1737578	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1504384	132.14	ng	0.00
7) Phenol-d6	6.64	99	1977406	126.08	ng	0.00
23) Nitrobenzene-d5	8.58	82	1363215	76.17	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1351586	131.71	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3476133	74.91	ng	0.00
79) Terphenyl-d14	19.50	244	7141125	83.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	38432	8.534	ng	98
3) Pyridine	3.46	79	114163	8.745	ng	97
4) n-Nitrosodimethylamine	3.38	42	46400	8.007	ng	# 93
6) Aniline	6.78	93	152453	7.985	ng	98
8) 2-Chlorophenol	7.02	128	102468	7.906	ng	98
9) Benzaldehyde	6.59	77	77103	8.320	ng	94
10) Phenol	6.66	94	123026	7.869	ng	93
11) bis(2-Chloroethyl)ether	6.88	93	100669	8.044	ng	98
12) 1,3-Dichlorobenzene	7.33	146	130583	8.202	ng	99
13) 1,4-Dichlorobenzene	7.47	146	132384	8.196	ng	98
14) 1,2-Dichlorobenzene	7.79	146	127272	8.163	ng	99
15) Benzyl Alcohol	7.68	79	102098	7.896	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.98	45	92611	8.083	ng	99
17) 2-Methylphenol	7.89	107	81939	7.438	ng	95
18) Hexachloroethane	8.50	117	50013	8.018	ng	99
19) n-Nitroso-di-n-propylamine	8.25	70	93589	7.948	ng	95
20) 3+4-Methylphenols	8.22	107	117342	7.695	ng	98
22) Acetophenone	8.25	105	180111	7.958	ng	99
24) Nitrobenzene	8.62	77	143582	8.372	ng	96
25) Isophorone	9.15	82	239153	7.864	ng	100
26) 2-Nitrophenol	9.33	139	54413	6.852	ng	94
27) 2,4-Dimethylphenol	9.40	122	80997	7.505	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	145426	7.828	ng	98
29) 2,4-Dichlorophenol	9.86	162	106879	7.330	ng	98
30) 1,2,4-Trichlorobenzene	10.07	180	140742	8.004	ng	98
31) Naphthalene	10.25	128	350116	7.898	ng	99
32) Benzoic acid	9.50	122	35113	3.557	ng	96
33) 4-Chloroaniline	10.36	127	149080	7.672	ng	96
34) Hexachlorobutadiene	10.56	225	95951	7.893	ng	97
35) Caprolactam	11.12	113	31529	6.740	ng	94
36) 4-Chloro-3-methylphenol	11.50	107	114155	7.363	ng	99
37) 2-Methylnaphthalene	11.87	142	265886	7.772	ng	97
38) 1-Methylnaphthalene	12.10	142	254137	7.809	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	172292	7.652	ng	100

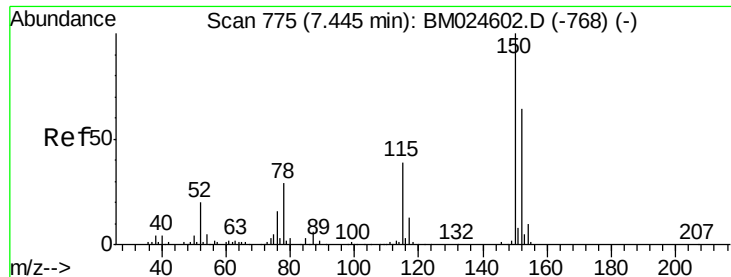
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
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 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	91842	7.277	ng	98
43) 2,4,6-Trichlorophenol	12.50	196	102471	7.152	ng	99
44) 2,4,5-Trichlorophenol	12.57	196	105877	7.236	ng	98
46) 1,1'-Biphenyl	12.92	154	375798	7.871	ng	99
47) 2-Chloronaphthalene	12.95	162	299161	7.762	ng	99
48) 2-Nitroaniline	13.16	65	82844	7.047	ng	98
49) Acenaphthylene	13.80	152	441222	7.647	ng	99
50) Dimethylphthalate	13.56	163	395444	7.752	ng	99
51) 2,6-Dinitrotoluene	13.67	165	80875	7.457	ng	97
52) Acenaphthene	14.16	154	277192	7.742	ng	100
53) 3-Nitroaniline	13.99	138	75967	6.753	ng	94
54) 2,4-Dinitrophenol	14.20	184	33648	5.188	ng	92
55) Dibenzofuran	14.49	168	453598	7.768	ng	98
56) 4-Nitrophenol	14.32	139	58711	6.677	ng	90
57) 2,4-Dinitrotoluene	14.46	165	108415	6.975	ng	95
58) Fluorene	15.14	166	370778	7.556	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	109322	7.367	ng	99
60) Diethylphthalate	14.94	149	391181	7.553	ng	98
61) 4-Chlorophenyl-phenylether	15.15	204	215969	7.634	ng	97
62) 4-Nitroaniline	15.16	138	86841	6.994	ng	90
63) Azobenzene	15.44	77	343853	7.784	ng	96
65) 4,6-Dinitro-2-methylphenol	15.23	198	52084	5.959	ng	98
66) n-Nitrosodiphenylamine	15.37	169	319695	7.486	ng	99
67) 4-Bromophenyl-phenylether	16.04	248	139555	7.549	ng	97
68) Hexachlorobenzene	16.16	284	164758	7.766	ng	98
69) Atrazine	16.33	200	119164	7.270	ng	98
70) Pentachlorophenol	16.50	266	87659	6.783	ng	97
71) Phenanthrene	16.88	178	621957	7.726	ng	99
72) Anthracene	16.97	178	594924	7.553	ng	99
73) Carbazole	17.24	167	539455	7.523	ng	99
74) Di-n-butylphthalate	17.84	149	655432	7.150	ng	98
75) Fluoranthene	18.91	202	759475	7.559	ng	98
77) Benzidine	19.10	184	247293	6.643	ng	98
78) Pyrene	19.27	202	800119	7.593	ng	99
80) Butylbenzylphthalate	20.21	149	291235	6.587	ng	96
81) Benzo(a)anthracene	21.03	228	862278	7.773	ng	100
82) 3,3'-Dichlorobenzidine	20.97	252	273454	6.852	ng	100
83) Chrysene	21.09	228	820677	7.753	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	440413	6.751	ng	99
85) Di-n-octyl phthalate	21.86	149	707529	6.564	ng	99
86) Indeno(1,2,3-cd)pyrene	25.22	276	834083	7.229	ng	98
88) Benzo(b)fluoranthene	22.54	252	808490	7.174	ng	100
89) Benzo(k)fluoranthene	22.58	252	841818	7.653	ng	99
90) Benzo(a)pyrene	23.07	252	742182	7.244	ng	100
91) Dibenzo(a,h)anthracene	25.23	278	703520	7.234	ng	99
92) Benzo(g,h,i)perylene	25.84	276	633232	7.171	ng	99

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

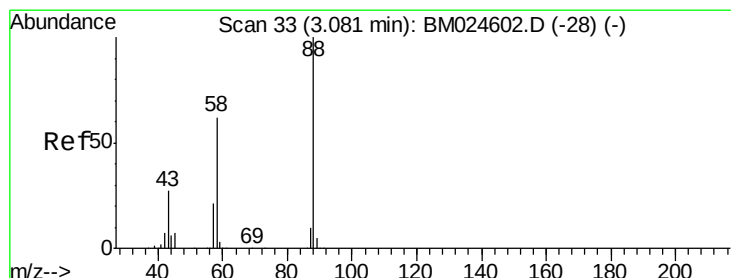
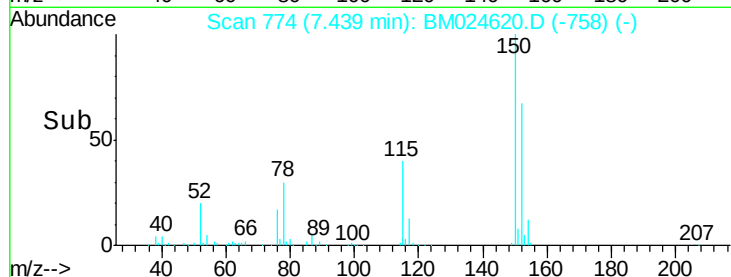
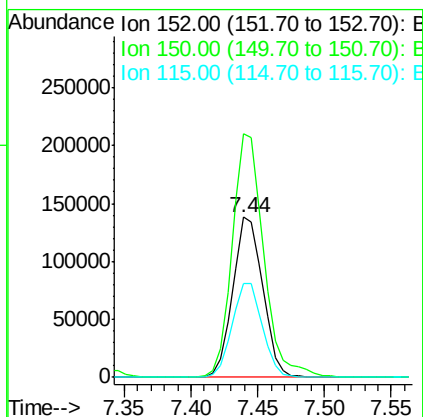
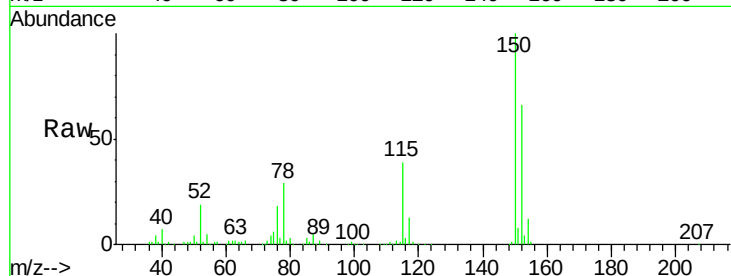


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

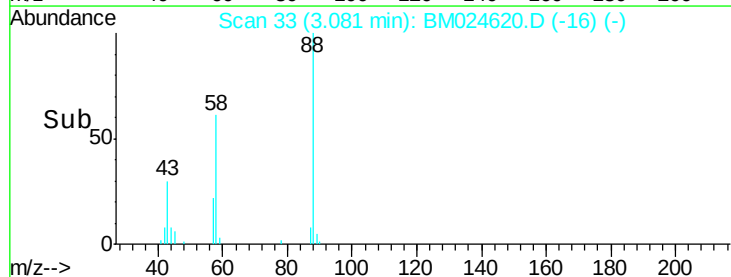
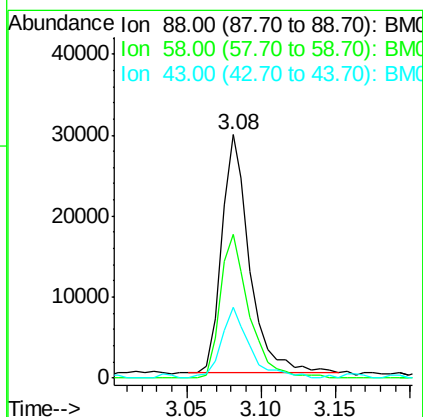
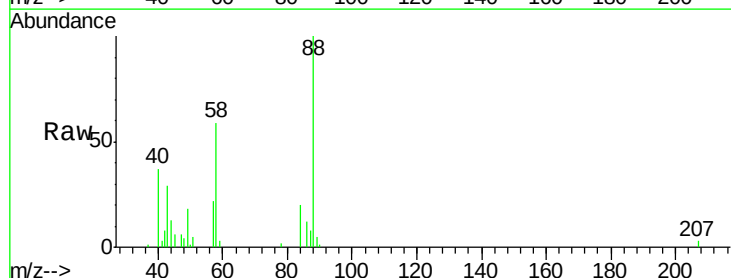
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Ion Ratio Lower Upper
152 100
150 152.3 124.2 186.4
115 58.9 48.6 72.8

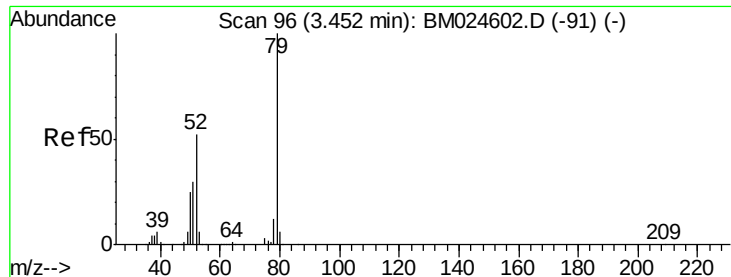


#2

1,4-Dioxane
Concen: 8.534 ng
RT: 3.08 min Scan# 33
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion: 88 Resp: 38432
Ion Ratio Lower Upper
88 100
58 62.7 50.0 75.0
43 30.3 21.6 32.4

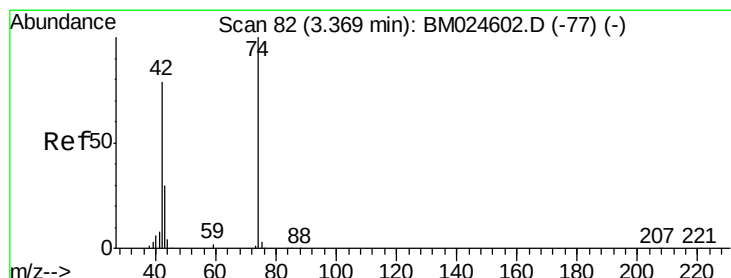
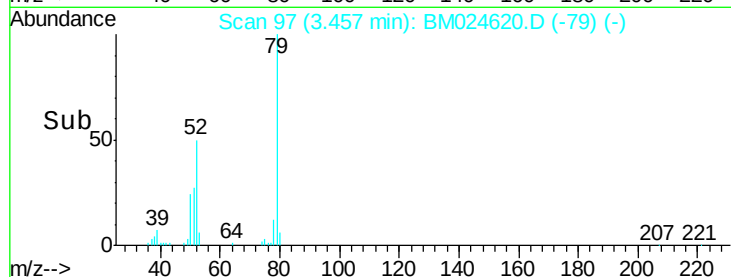
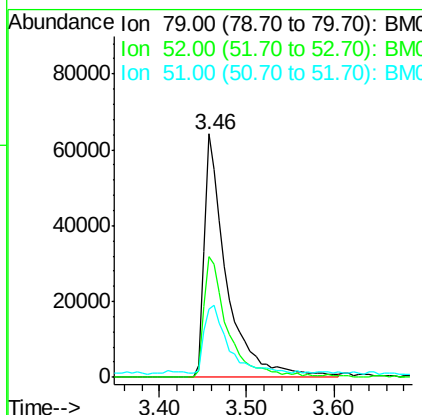
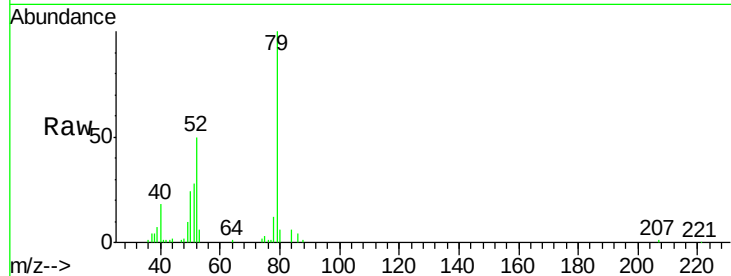




#3
 Pvridine
 Concen: 8.745 ng
 RT: 3.46 min Scan# 97
 Delta R.T. 0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

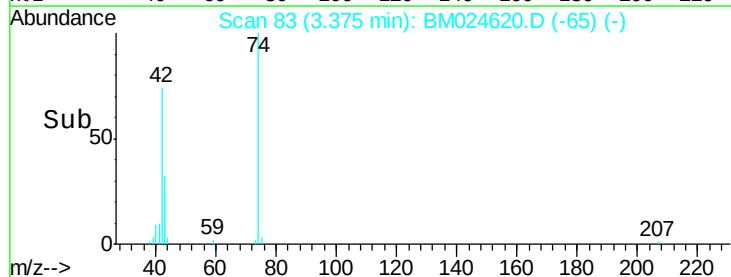
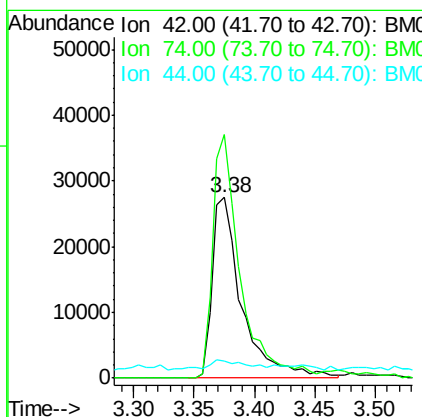
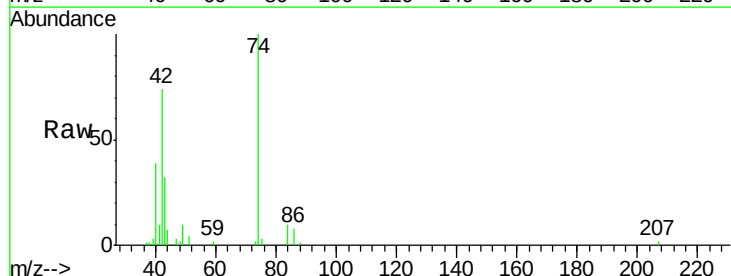
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

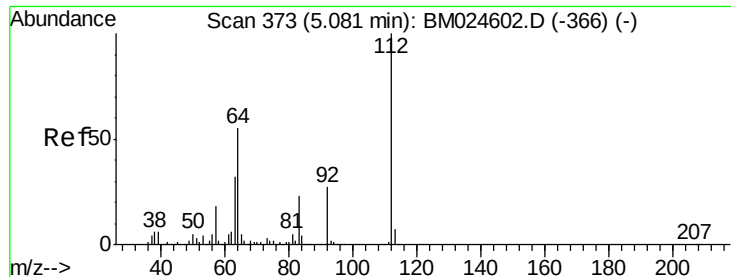
Tot Ion: 79 Resp: 114163
 Ion Ratio Lower Upper
 79 100
 52 49.7 41.4 62.2
 51 28.2 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 8.007 ng
 RT: 3.38 min Scan# 83
 Delta R.T. 0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion: 42 Resp: 46400
 Ion Ratio Lower Upper
 42 100
 74 134.7 101.4 152.2
 44 9.8 4.6 6.8#





#5

2-Fluorophenol

Concen: 132.141 ng

RT: 5.08 min Scan# 373

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

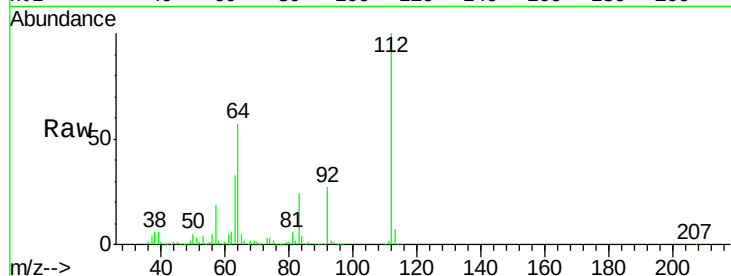
Tot Ion:112 Resp: 1504384

Ion Ratio Lower Upper

112 100

64 57.2 44.2 66.4

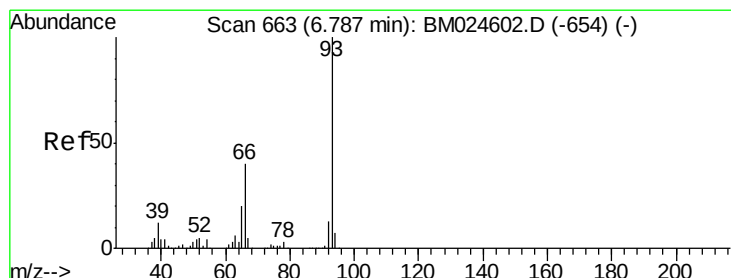
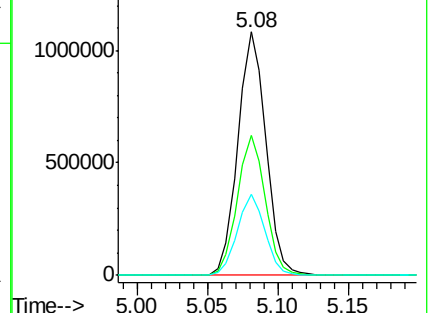
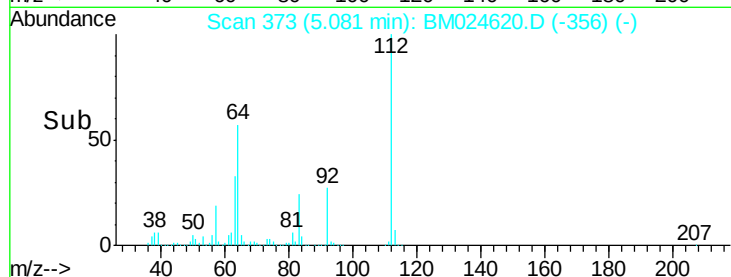
63 33.1 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 7.985 ng

RT: 6.78 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

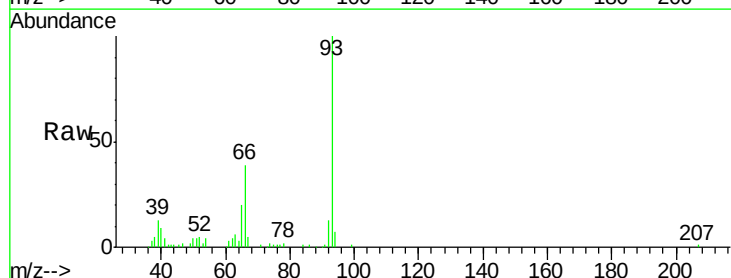
Tgt Ion: 93 Resp: 152453

Ion Ratio Lower Upper

93 100

66 38.8 31.8 47.8

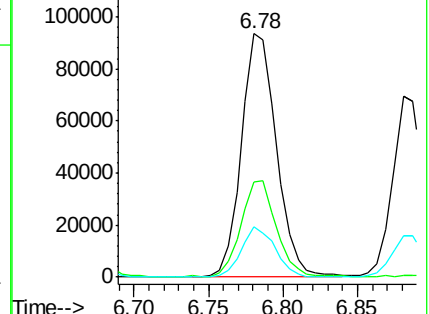
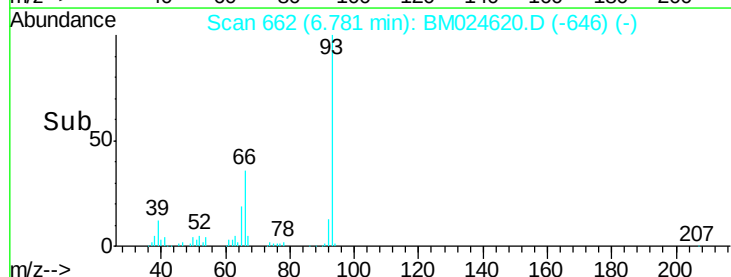
65 20.4 15.8 23.6

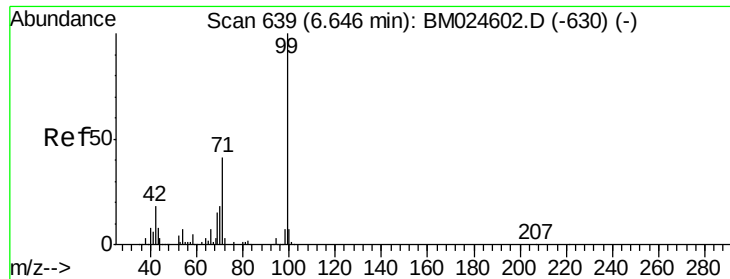


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 126.084 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

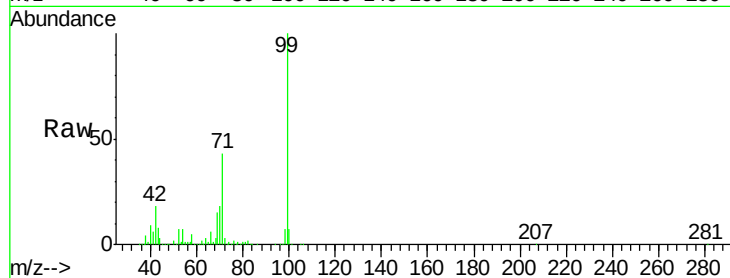
BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion: 99 Resp: 1977406

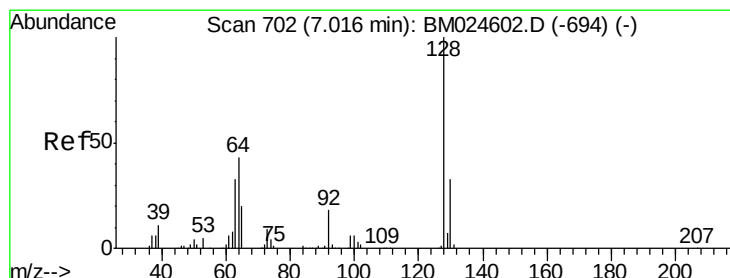
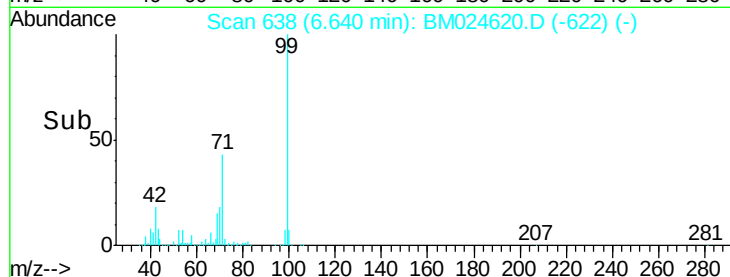
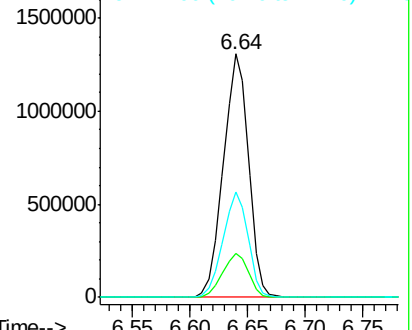
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.1	21.1
71	43.1	33.0	49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024620.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM024620.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM024620.D (-630) (-)



#8

2-Chlorophenol

Concen: 7.906 ng

RT: 7.02 min Scan# 702

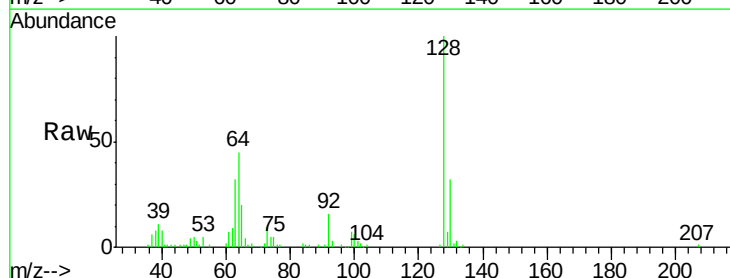
Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion: 128 Resp: 102468

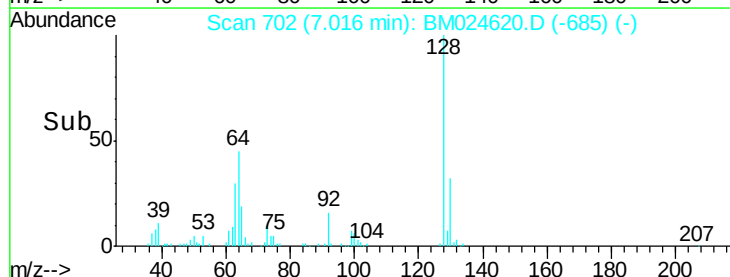
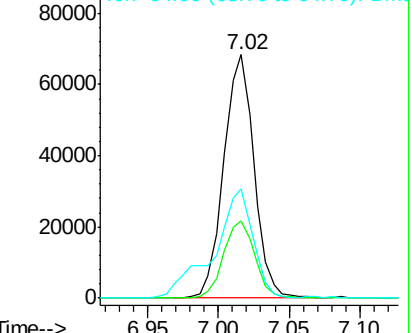
Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.5	52.5
64	44.6	26.1	66.1

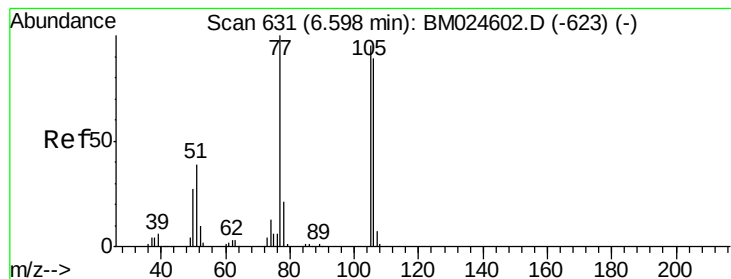


Abundance Ion 128.00 (127.70 to 128.70): BM024620.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM024620.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM024620.D (-694) (-)





#9

Benzaldehyde

Concen: 8.320 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

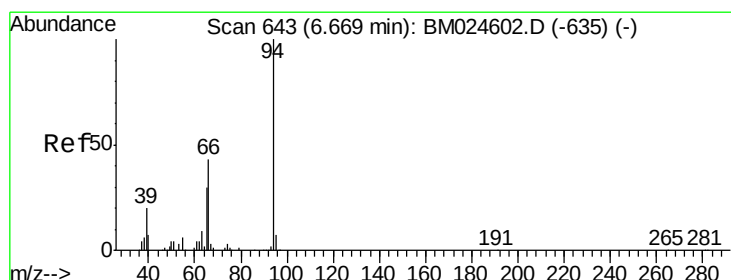
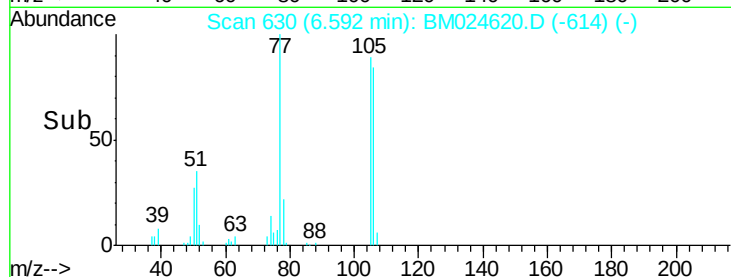
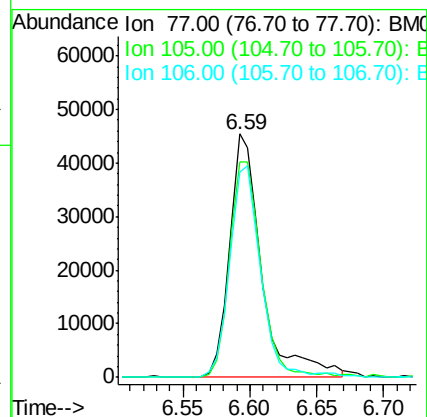
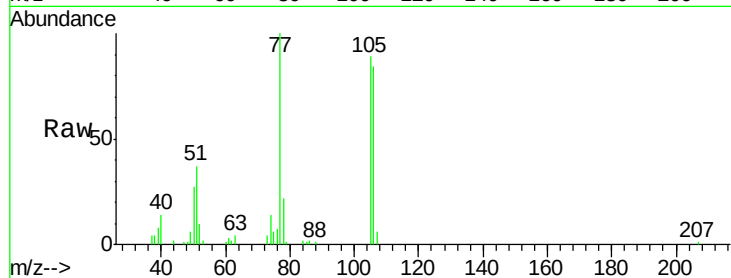
Tot Ion: 77 Resp: 77103

Ion Ratio Lower Upper

77 100

105 88.6 75.2 115.2

106 84.1 68.6 108.6



#10

Phenol

Concen: 7.869 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

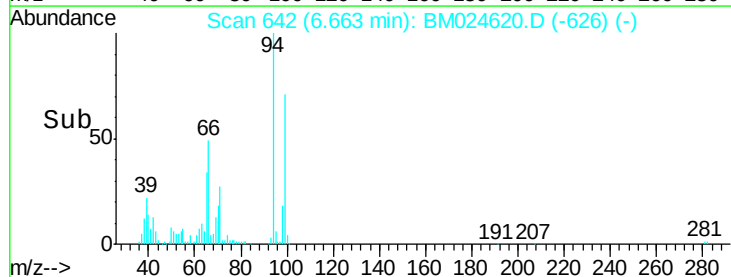
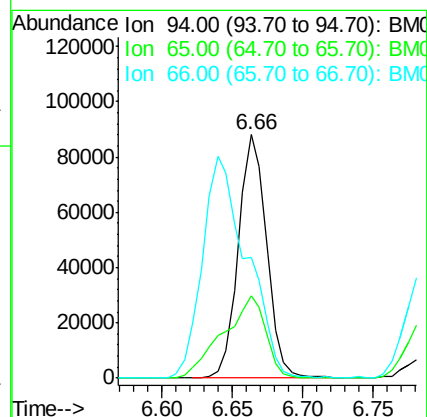
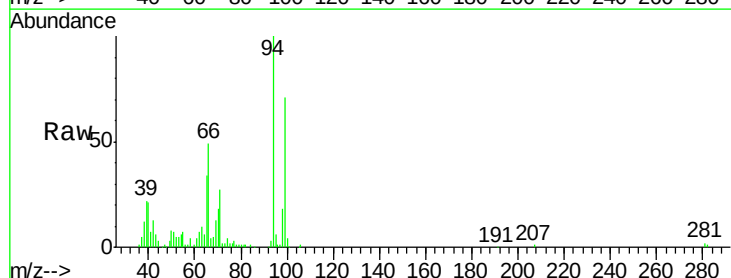
Tgt Ion: 94 Resp: 123026

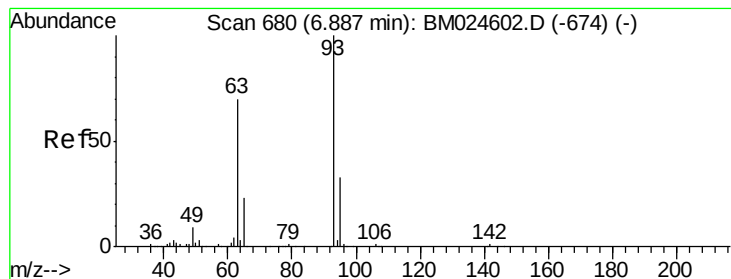
Ion Ratio Lower Upper

94 100

65 33.6 10.3 50.3

66 49.4 24.8 64.8





#11

bis(2-Chloroethyl)ether

Concen: 8.044 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

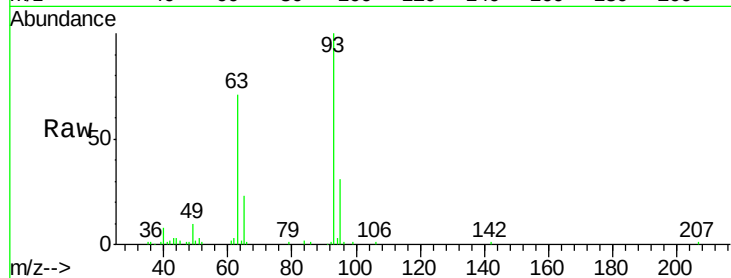
Tot Ion: 93 Resp: 100669

Ion Ratio Lower Upper

93 100

63 70.6 49.6 89.6

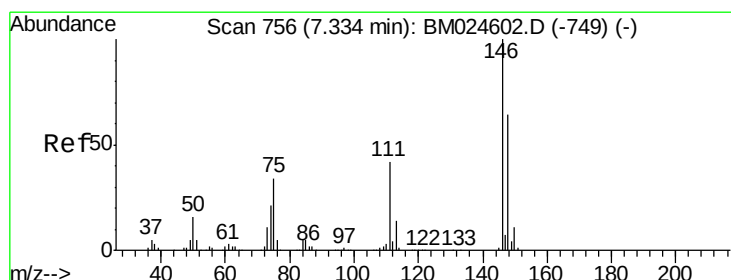
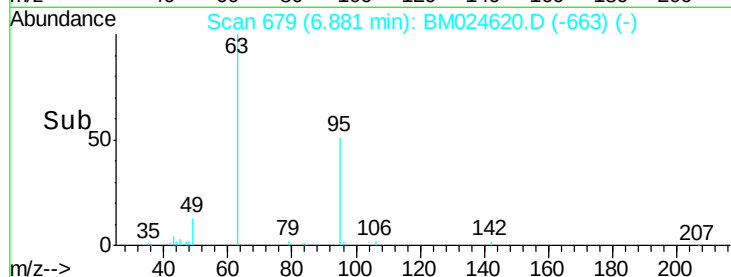
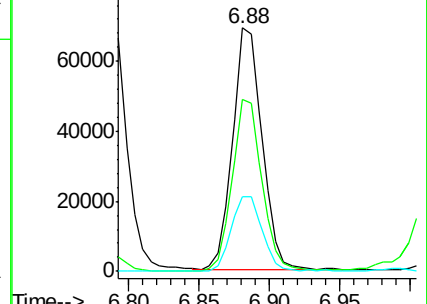
95 30.9 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BM024620.D (-674) (-)

Ion 63.00 (62.70 to 63.70): BM024620.D (-674) (-)

Ion 95.00 (94.70 to 95.70): BM024620.D (-674) (-)



#12

1,3-Dichlorobenzene

Concen: 8.202 ng

RT: 7.33 min Scan# 756

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

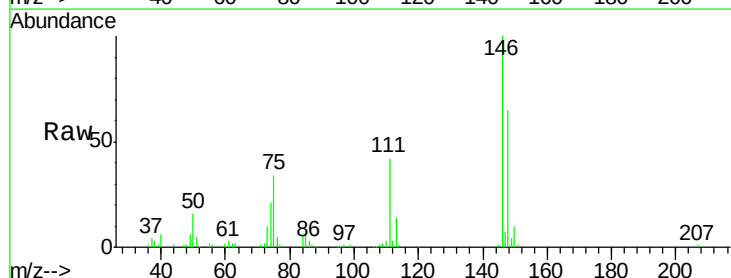
Tgt Ion: 146 Resp: 130583

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

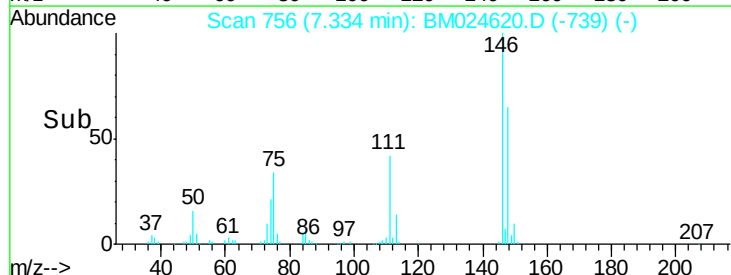
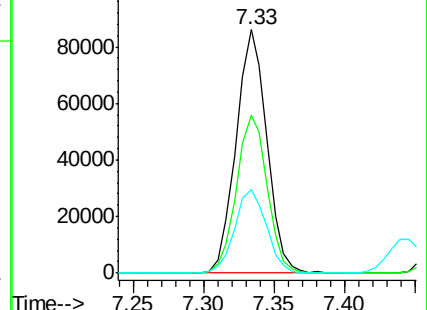
75 34.3 27.0 40.4

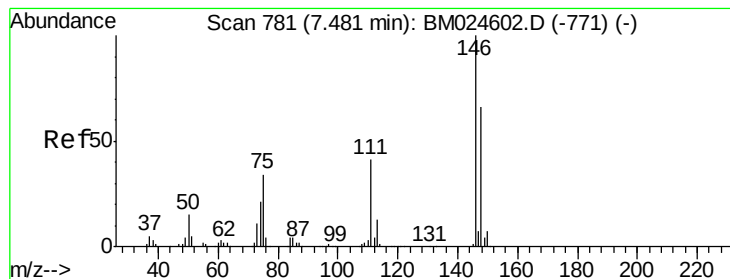


Abundance Ion 146.00 (145.70 to 146.70): BM024620.D (-749) (-)

Ion 148.00 (147.70 to 148.70): BM024620.D (-749) (-)

Ion 75.00 (74.70 to 75.70): BM024620.D (-749) (-)





#13

1,4-Dichlorobenzene

Concen: 8.196 ng

RT: 7.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

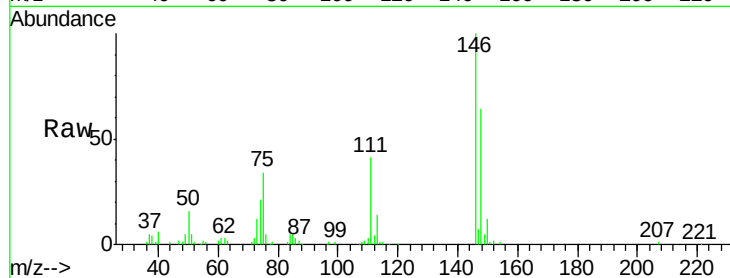
Tot Ion:146 Resp: 132384

Ion Ratio Lower Upper

146 100

148 63.6 52.5 78.7

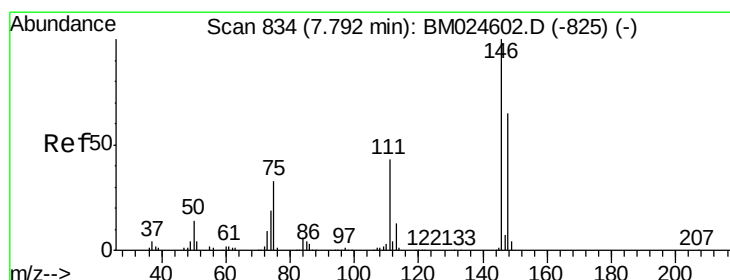
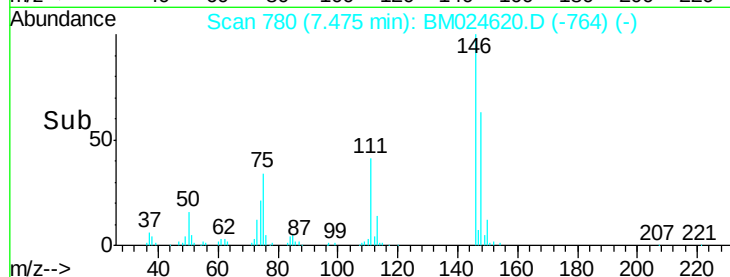
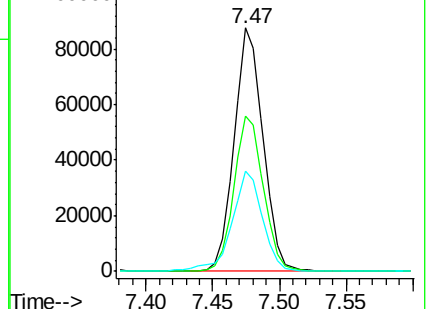
111 41.2 33.0 49.4



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: 8.163 ng

RT: 7.79 min Scan# 833

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

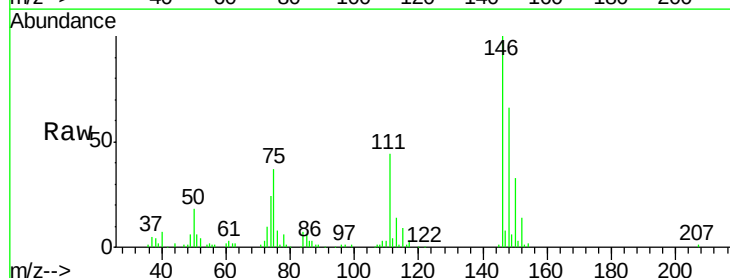
Tgt Ion:146 Resp: 127272

Ion Ratio Lower Upper

146 100

148 65.7 51.9 77.9

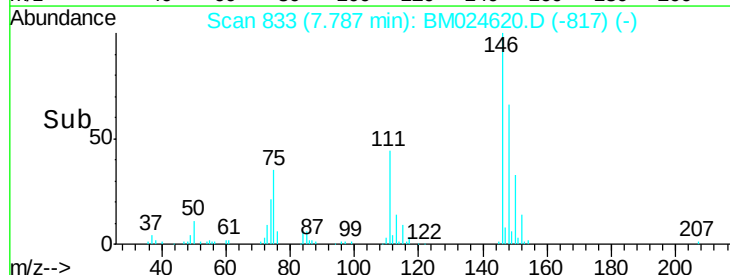
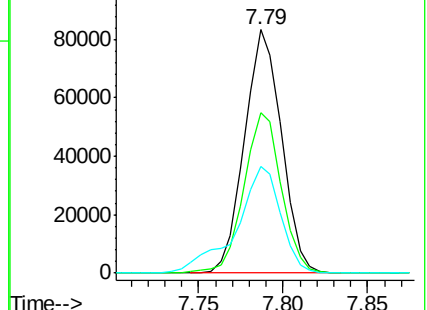
111 43.6 34.5 51.7

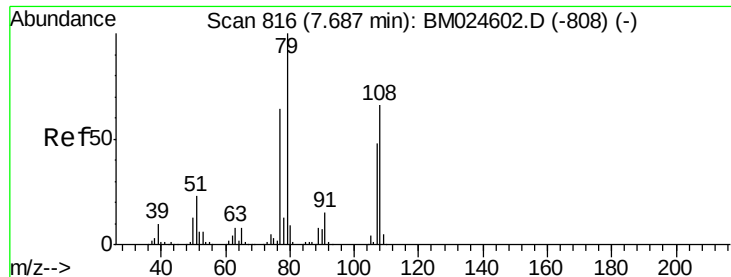


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 7.896 ng

RT: 7.68 min Scan# 815

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

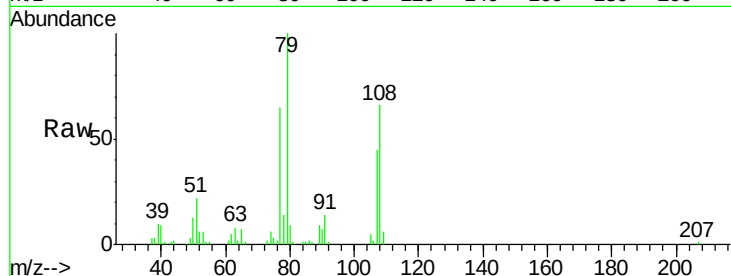
Tot Ion: 79 Resp: 102098

Ion Ratio Lower Upper

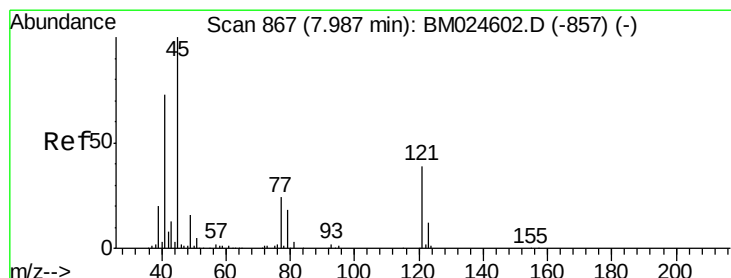
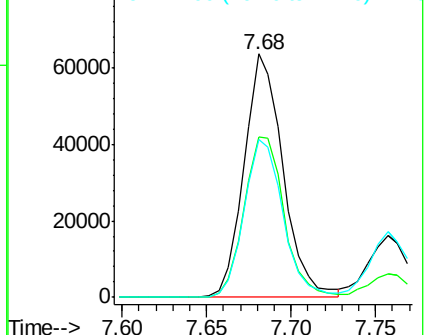
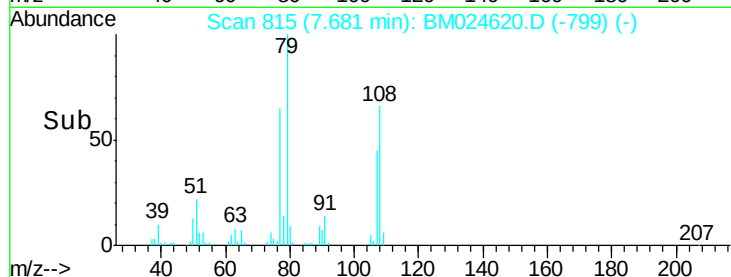
79 100

108 65.8 53.0 79.4

77 64.8 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024620.D (-799) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.083 ng

RT: 7.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

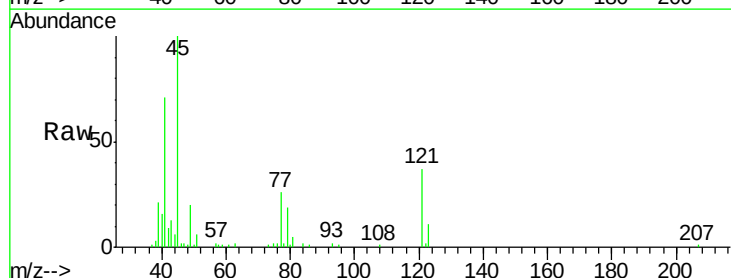
Tgt Ion: 45 Resp: 92611

Ion Ratio Lower Upper

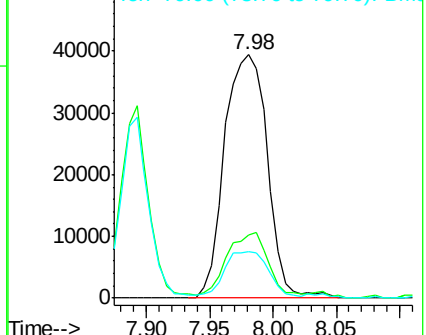
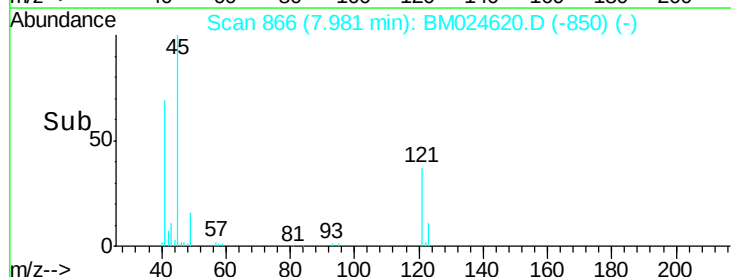
45 100

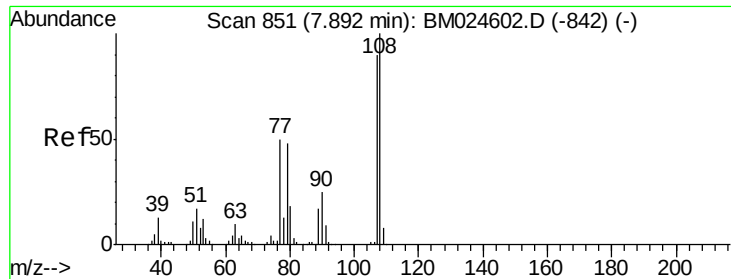
77 26.1 5.2 45.2

79 19.0 0.0 39.4



Abundance Ion 45.00 (44.70 to 45.70): BM024620.D (-850) (-)





#17

2-Methylphenol

Concen: 7.438 ng

RT: 7.89 min Scan# 851

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:107 Resp: 81939

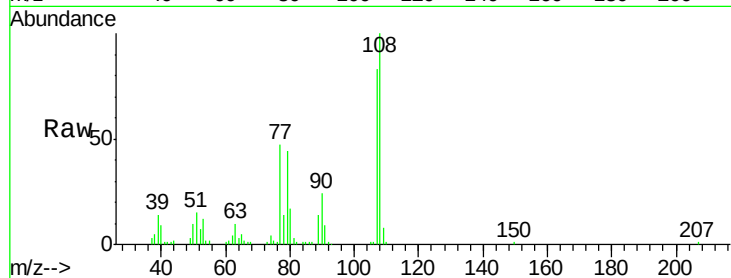
Ion Ratio Lower Upper

107 100

108 120.8 88.9 133.3

77 56.3 44.5 66.7

79 52.8 42.9 64.3

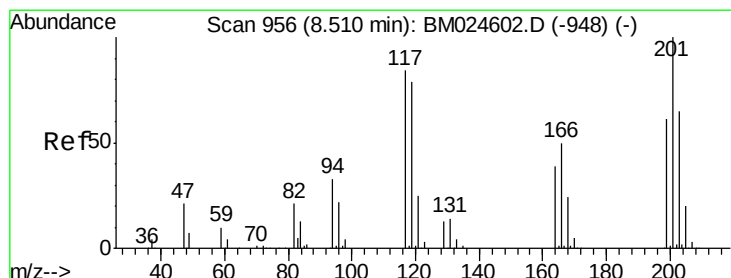
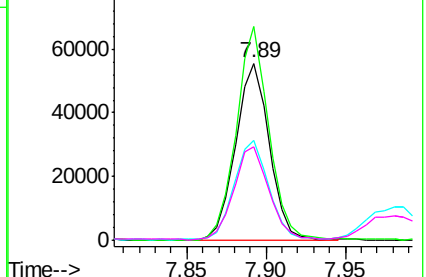
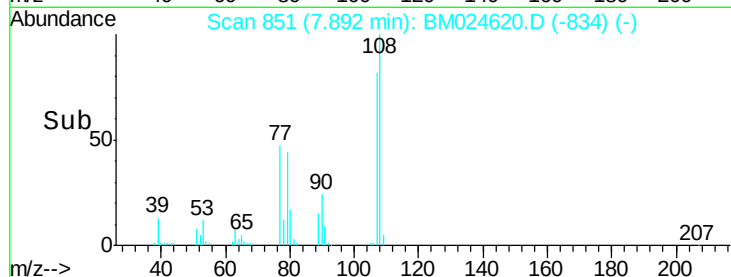


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.018 ng

RT: 8.50 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

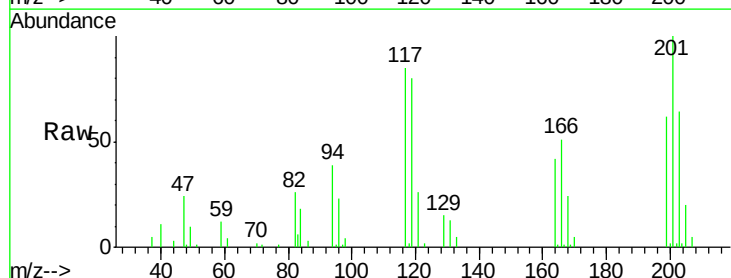
Tgt Ion:117 Resp: 50013

Ion Ratio Lower Upper

117 100

119 94.8 75.4 113.2

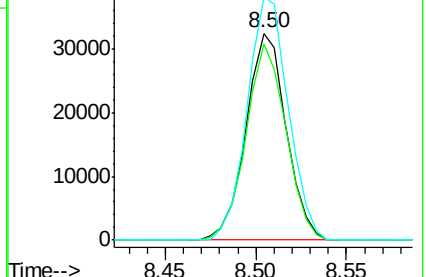
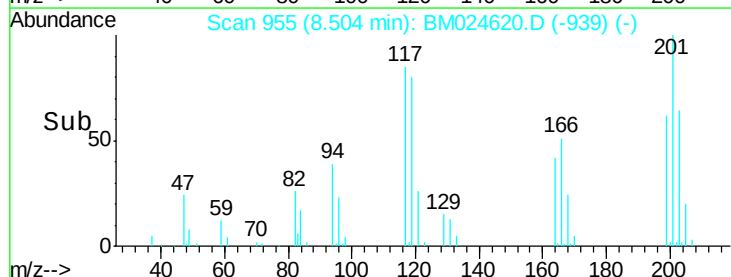
201 117.9 95.8 143.6

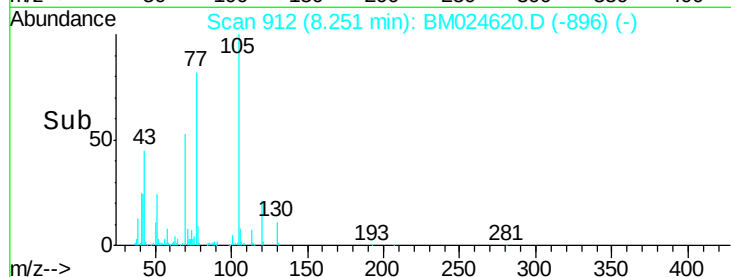
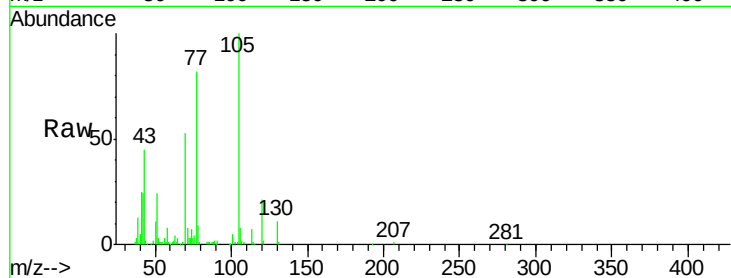
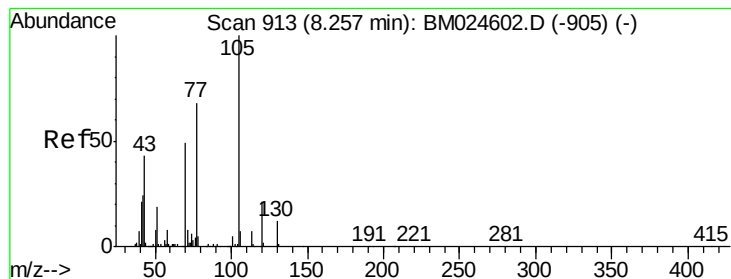


Abundance Ion 117.00 (116.70 to 117.70): E

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: 7.948 ng

RT: 8.25 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion: 70 Resp: 93589

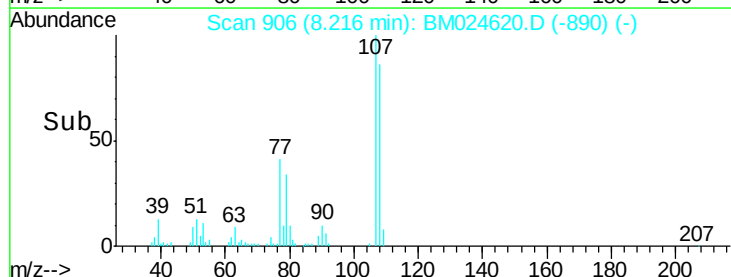
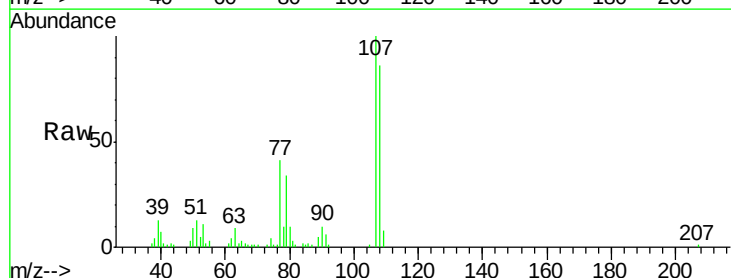
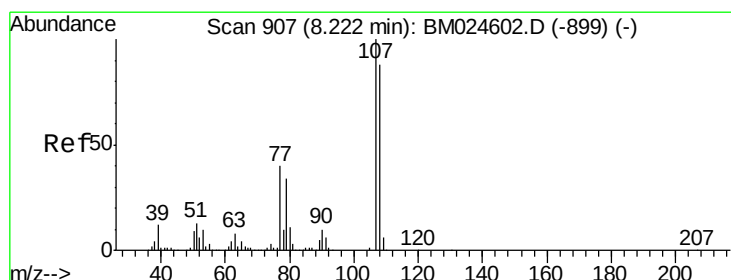
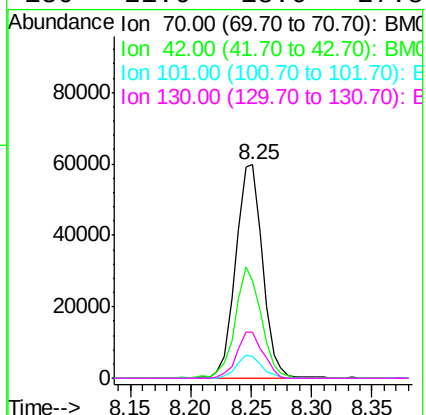
Ion Ratio Lower Upper

70 100

42 45.8 40.0 60.0

101 10.2 8.2 12.2

130 21.6 18.6 27.8



#20

3+4-Methylphenols

Concen: 7.695 ng

RT: 8.22 min Scan# 906

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion: 107 Resp: 117342

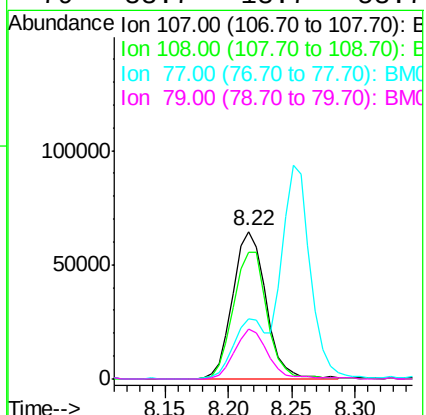
Ion Ratio Lower Upper

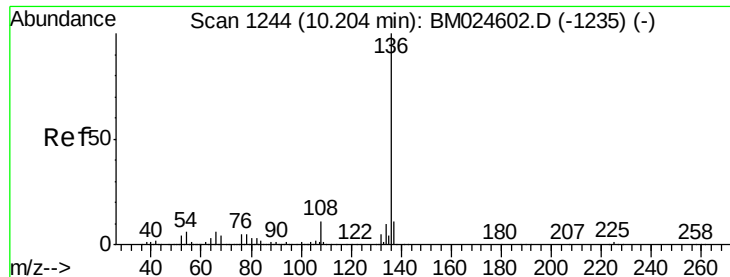
107 100

108 85.8 68.0 108.0

77 40.6 19.9 59.9

79 33.7 13.7 53.7

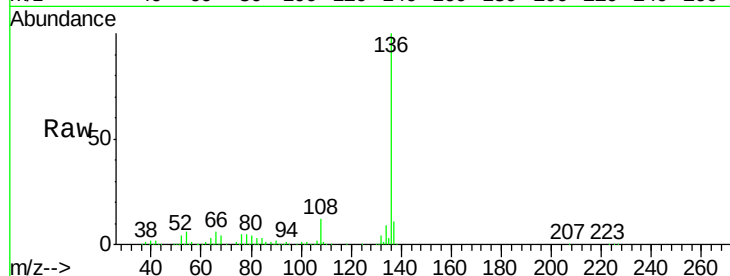




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion:136	Resp:	877713
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.6	13.0
54 5.6	4.5	6.7
68 4.3	3.4	5.0



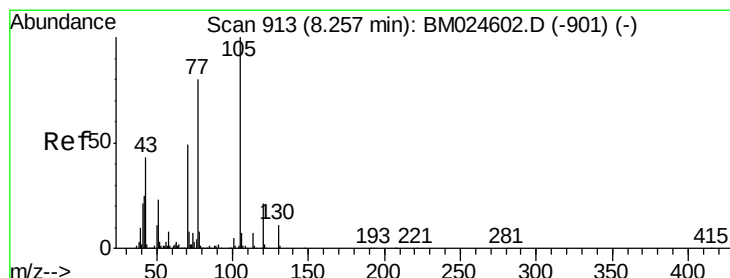
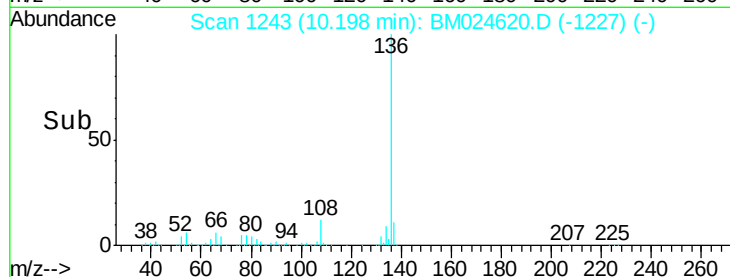
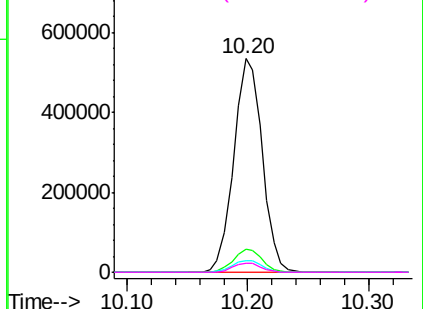
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

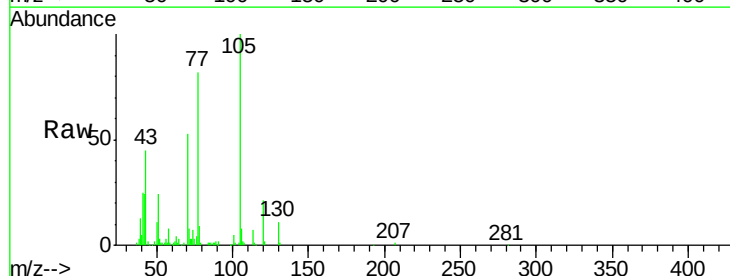
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 7.958 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt	Ion:105	Resp:	180111
Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.7	10.1
51	24.2	18.5	27.7
120	20.9	16.6	25.0



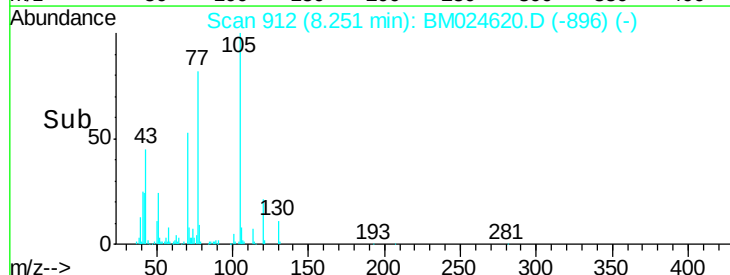
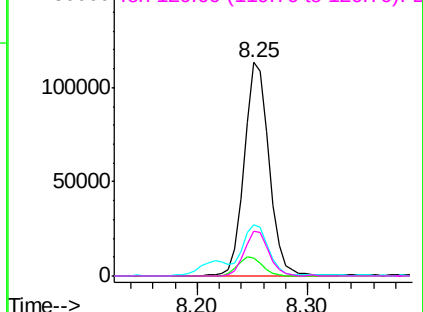
Abundance

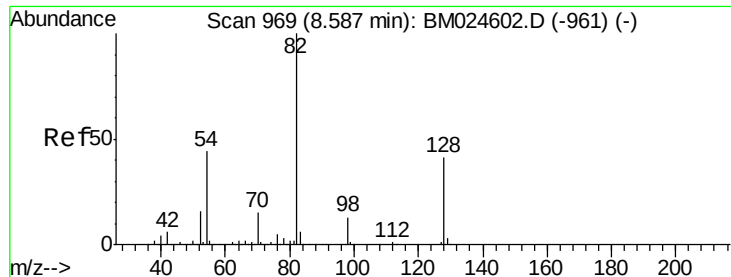
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.168 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

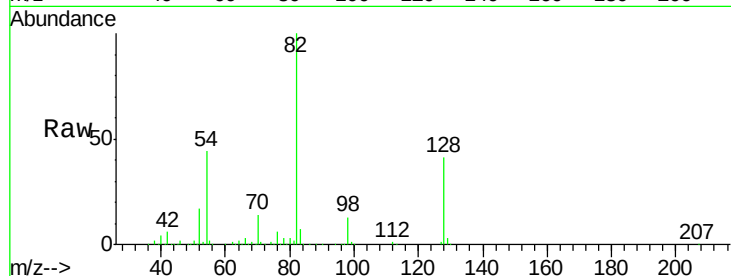
Tot Ion: 82 Resp: 1363215

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.6	48.8
54	43.9	34.8	52.2

82 100

128 40.6 32.6 48.8

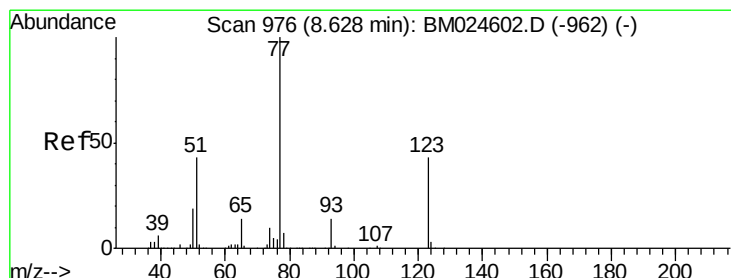
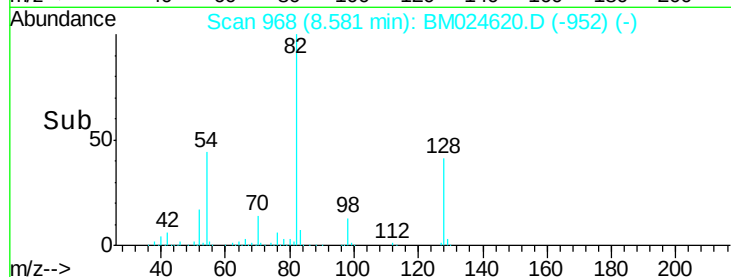
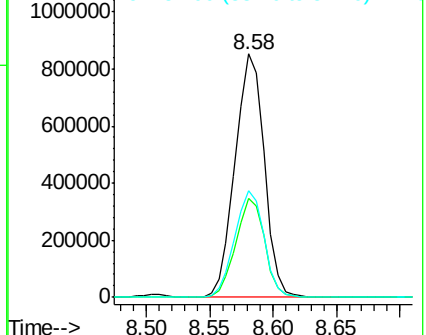
54 43.9 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM024620.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM024620.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM024620.D (-961) (-)



#24

Nitrobenzene

Concen: 8.372 ng

RT: 8.62 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

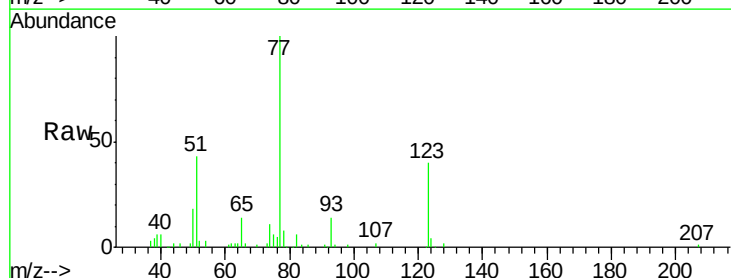
Tgt Ion: 77 Resp: 143582

Ion	Ratio	Lower	Upper
77	100		
123	40.1	34.6	52.0
65	14.2	11.0	16.4

77 100

123 40.1 34.6 52.0

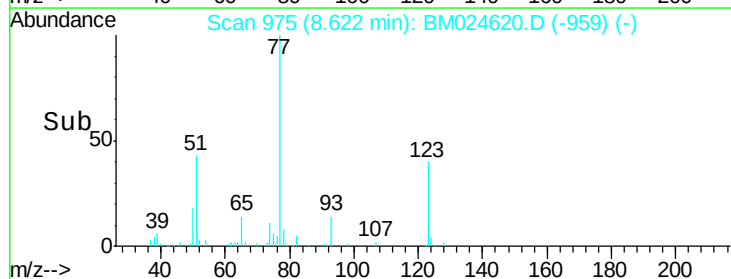
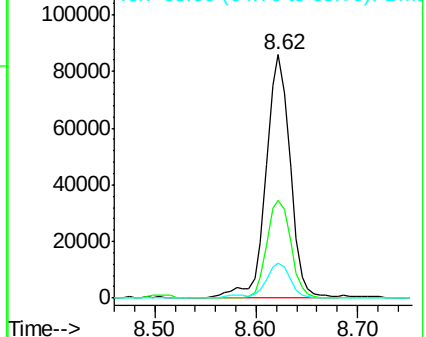
65 14.2 11.0 16.4

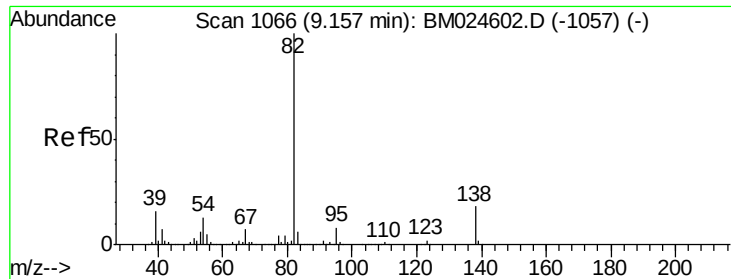


Abundance Ion 77.00 (76.70 to 77.70): BM024620.D (-962) (-)

Ion 123.00 (122.70 to 123.70): BM024620.D (-962) (-)

Ion 65.00 (64.70 to 65.70): BM024620.D (-962) (-)





#25

Isophorone

Concen: 7.864 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

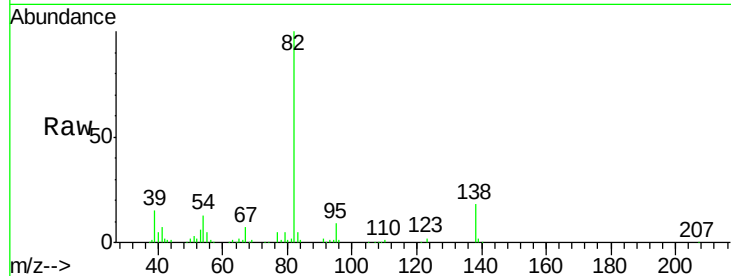
Tot Ion: 82 Resp: 239153

Ion Ratio Lower Upper

82 100

95 8.7 6.7 10.1

138 18.2 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024620.D (-1057) (-)

Ion 95.00 (94.70 to 95.70): BM024620.D (-1057) (-)

Ion 138.00 (137.70 to 138.70): BM024620.D (-1057) (-)

9.15

150000

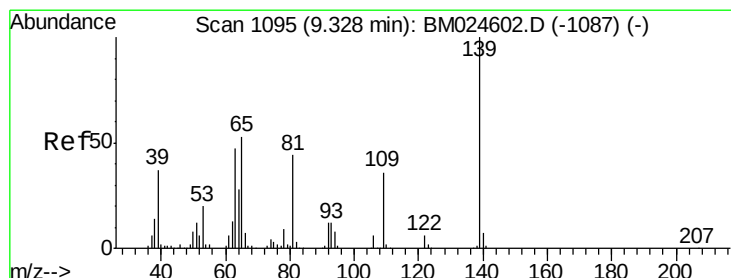
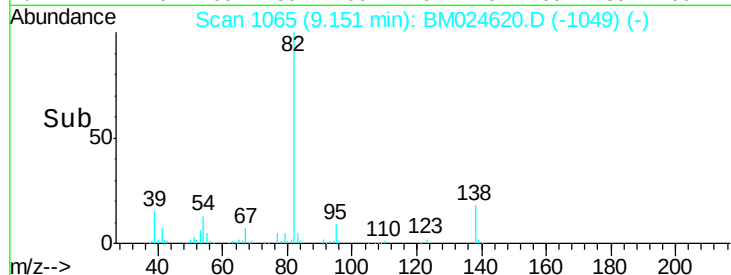
100000

50000

0

9.10 9.15 9.20 9.25

Time-->



#26

2-Nitrophenol

Concen: 6.852 ng

RT: 9.33 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

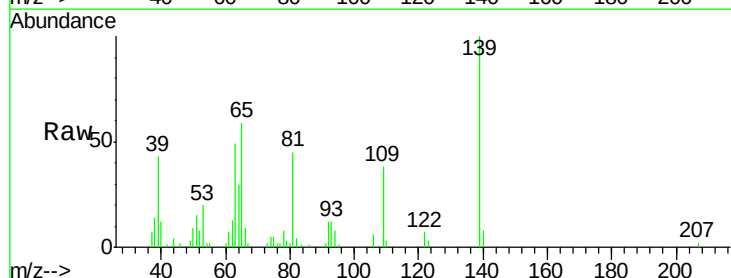
Tgt Ion: 139 Resp: 54413

Ion Ratio Lower Upper

139 100

109 37.5 28.8 43.2

65 59.2 42.6 63.8



Abundance Ion 139.00 (138.70 to 139.70): BM024620.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM024620.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM024620.D (-1087) (-)

9.33

40000

30000

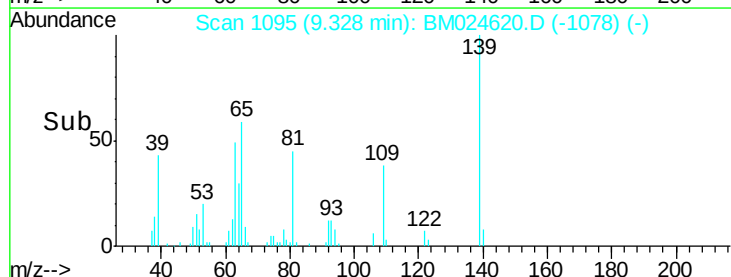
20000

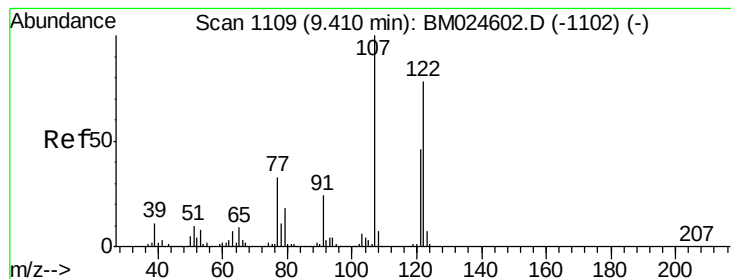
10000

0

9.25 9.30 9.35 9.40

Time-->





#27

2,4-Dimethylphenol

Concen: 7.505 ng

RT: 9.40 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

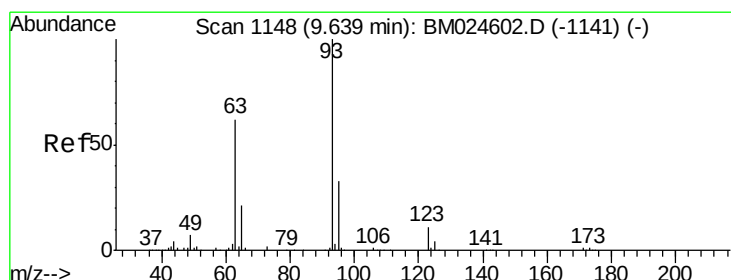
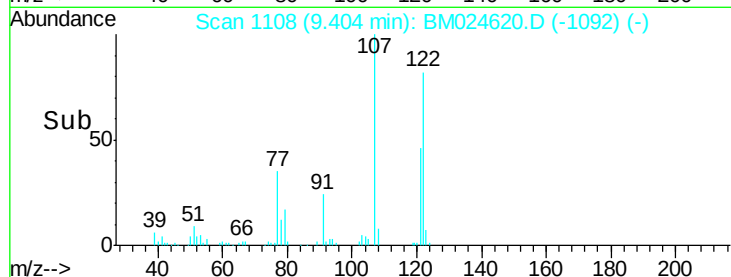
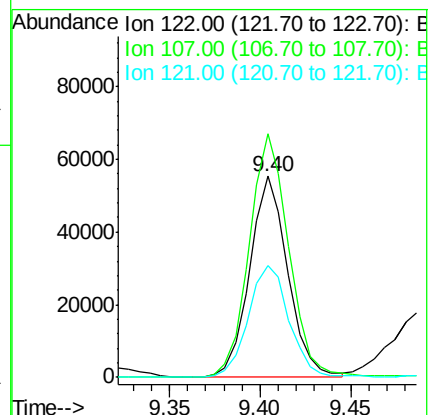
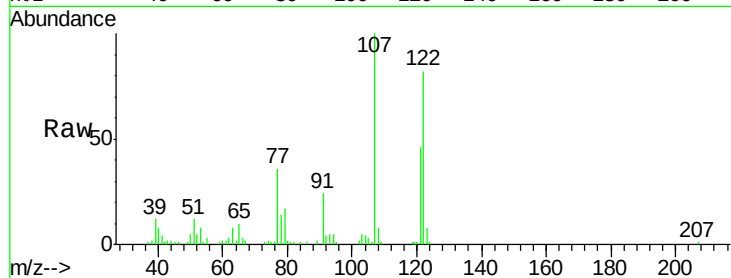
Tot Ion:122 Resp: 80997

Ion Ratio Lower Upper

122 100

107 121.3 102.5 153.7

121 55.9 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 7.828 ng

RT: 9.64 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

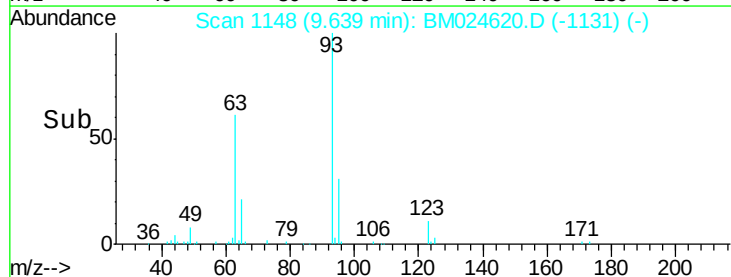
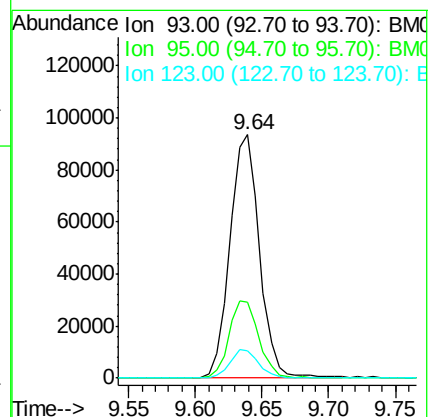
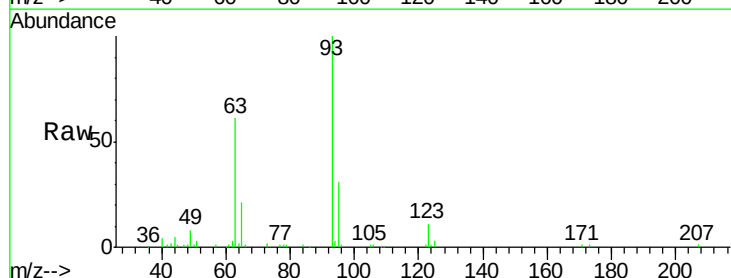
Tgt Ion: 93 Resp: 145426

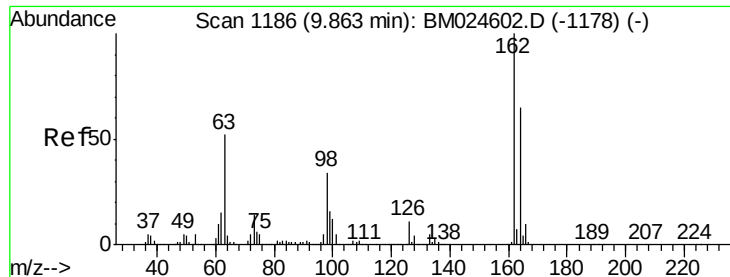
Ion Ratio Lower Upper

93 100

95 31.4 26.1 39.1

123 11.3 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 7.330 ng

RT: 9.86 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

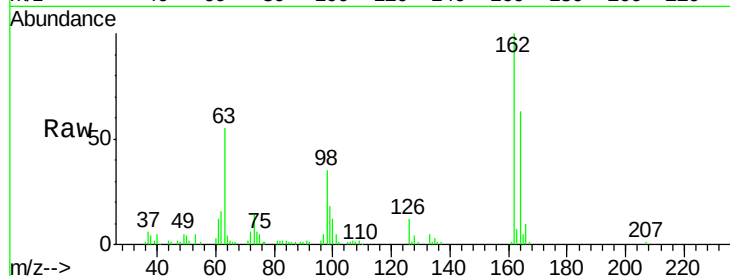
Tot Ion:162 Resp: 106879

Ion Ratio Lower Upper

162 100

164 63.4 44.5 84.5

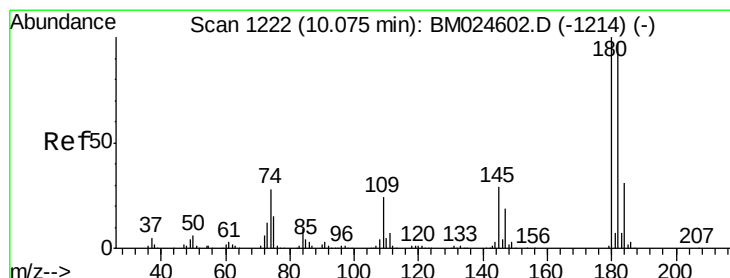
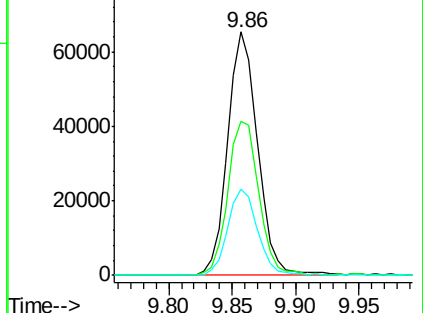
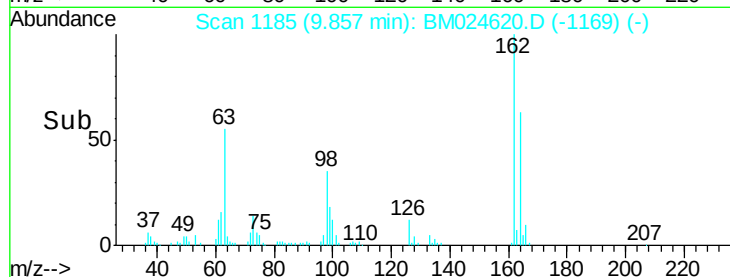
98 35.3 14.2 54.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 8.004 ng

RT: 10.07 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

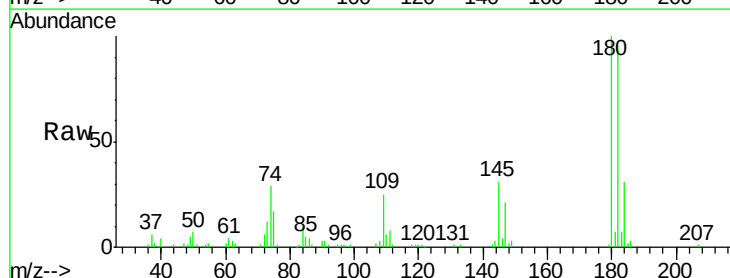
Tgt Ion:180 Resp: 140742

Ion Ratio Lower Upper

180 100

182 95.7 77.8 116.6

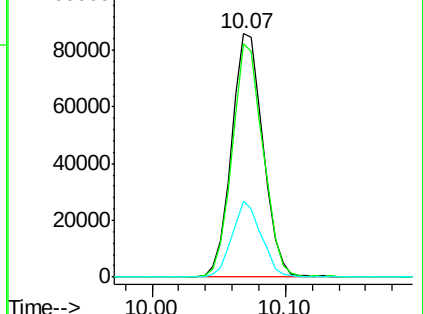
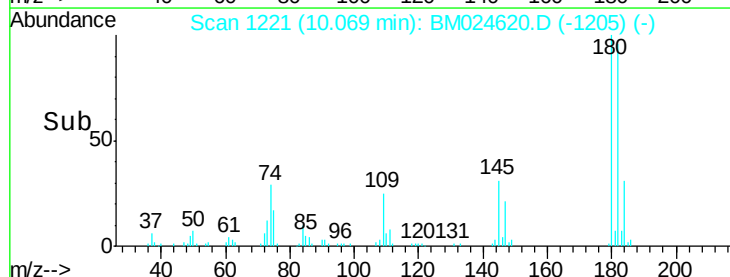
145 31.3 22.9 34.3

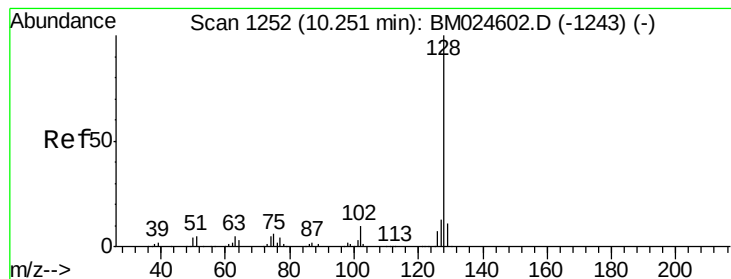


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 7.898 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

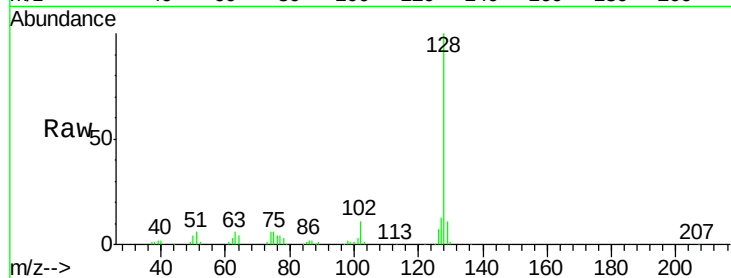
Tot Ion:128 Resp: 350116

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

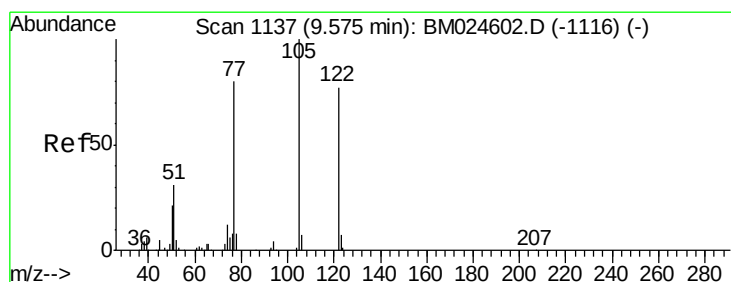
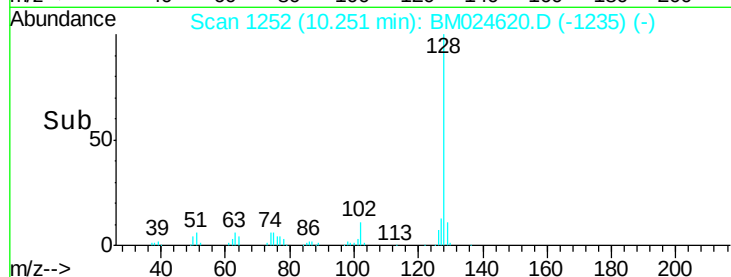
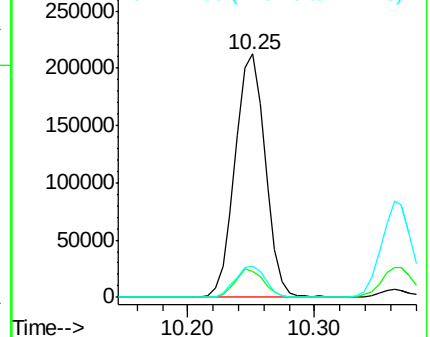
127 12.8 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.557 ng

RT: 9.50 min Scan# 1124

Delta R.T. -0.08 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

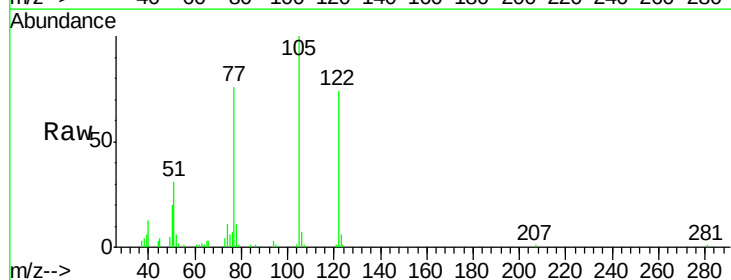
Tgt Ion:122 Resp: 35113

Ion Ratio Lower Upper

122 100

105 135.1 107.7 147.7

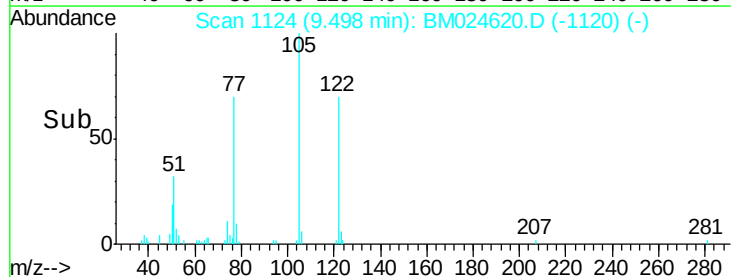
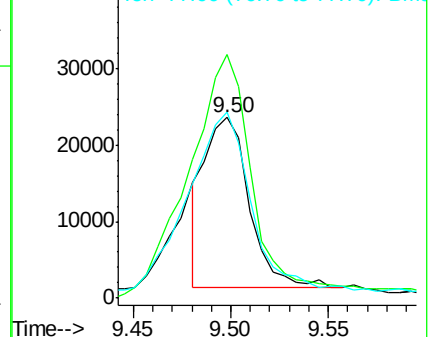
77 103.3 83.8 123.8

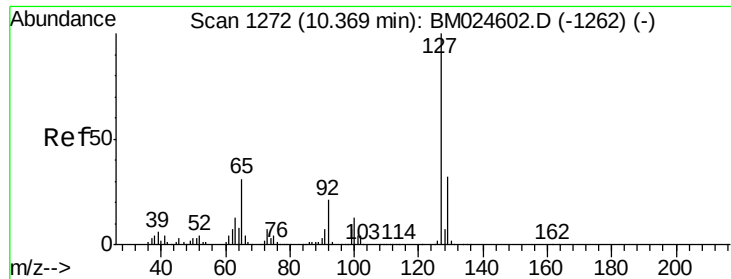


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

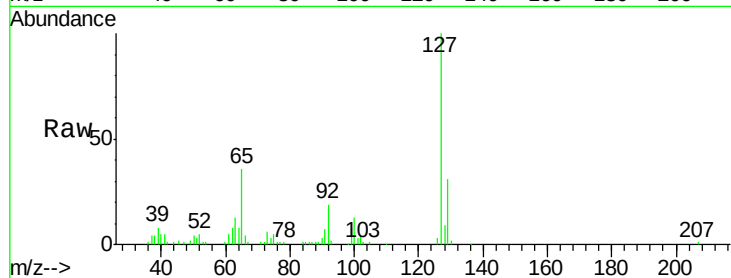




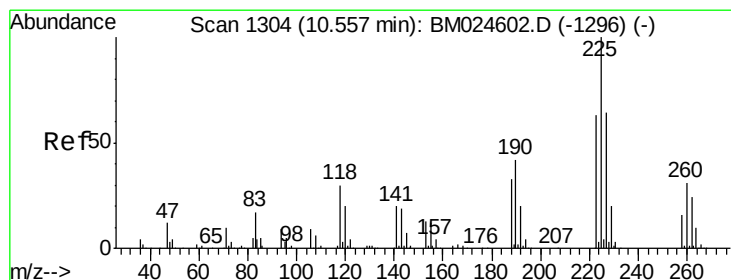
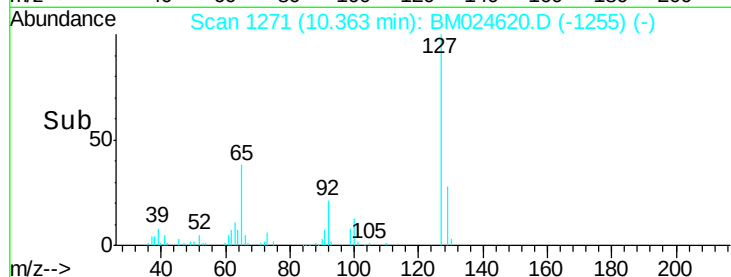
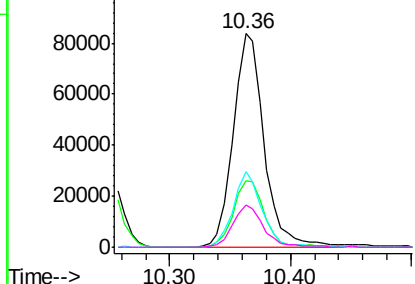
#33
4-Chloroaniline
Concen: 7.672 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion:	127	Resp:	149080
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	35.5	25.1	37.7
92	19.5	16.6	25.0

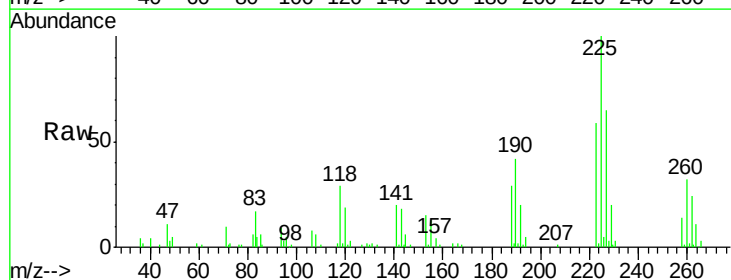


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

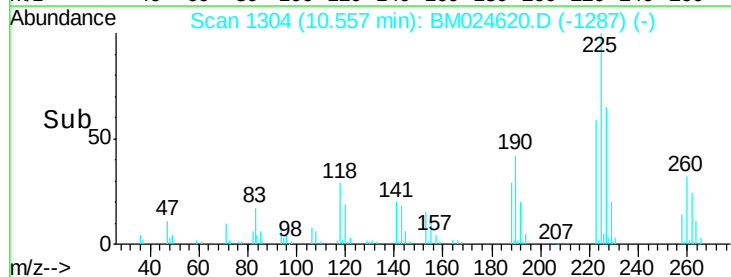
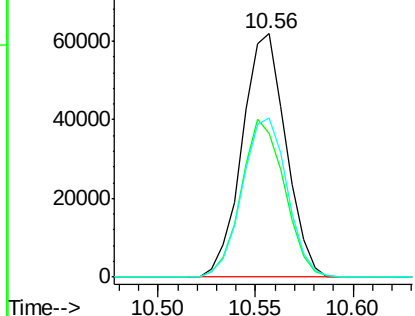


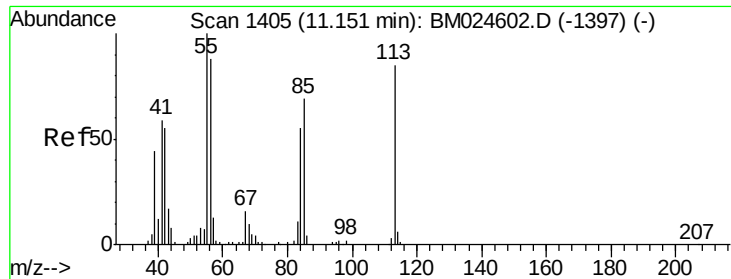
#34
Hexachlorobutadiene
Concen: 7.893 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion:	225	Resp:	95951
Ion	Ratio	Lower	Upper
225	100		
223	58.9	50.7	76.1
227	65.1	51.4	77.0



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: 6.740 ng

RT: 11.12 min Scan# 1400

Delta R.T. -0.03 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

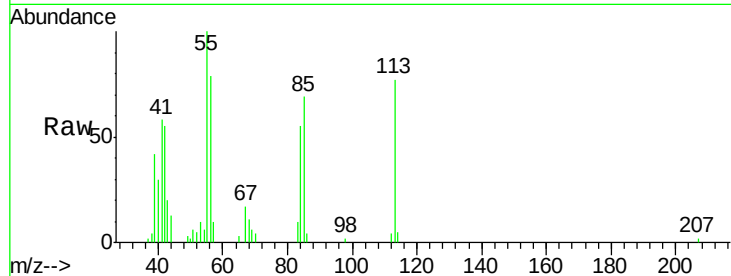
Tot Ion:113 Resp: 31529

Ion Ratio Lower Upper

113 100

55 129.7 97.5 137.5

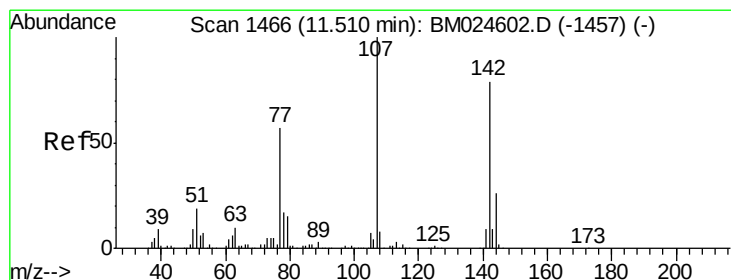
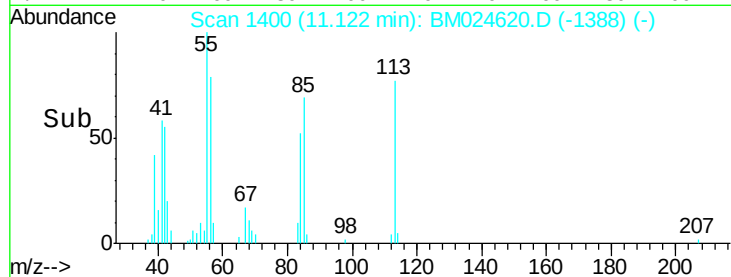
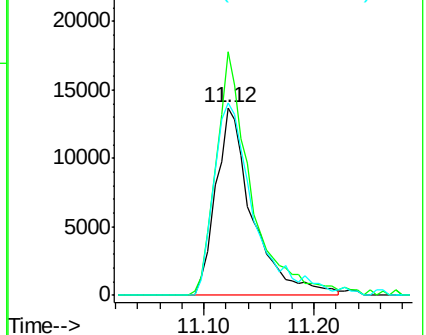
56 102.5 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 7.363 ng

RT: 11.50 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

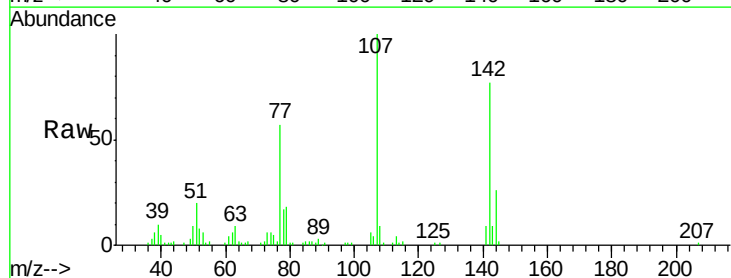
Tgt Ion:107 Resp: 114155

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

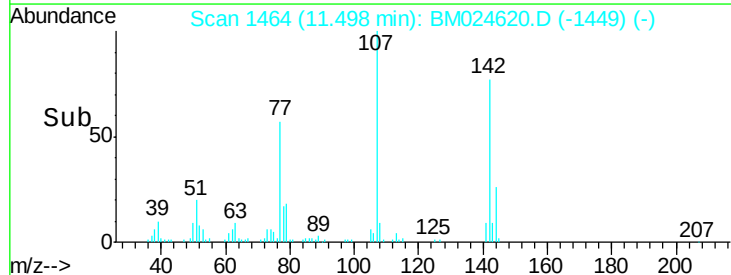
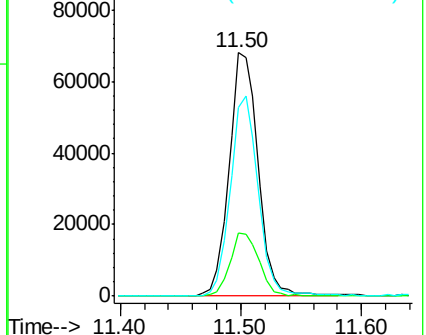
142 77.2 62.8 94.2

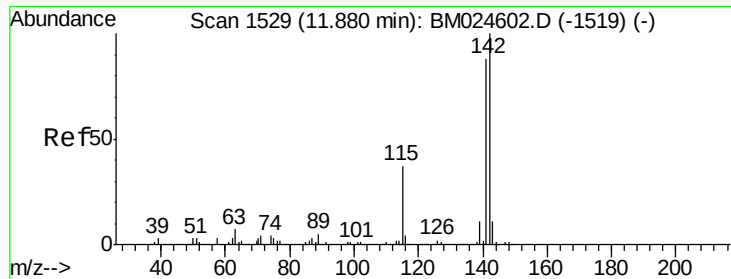


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

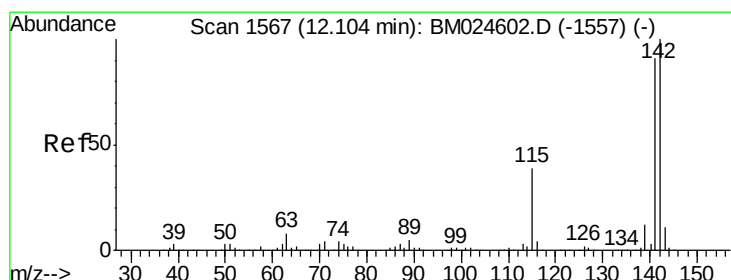
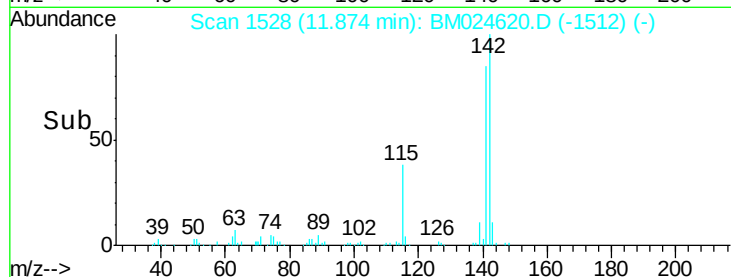
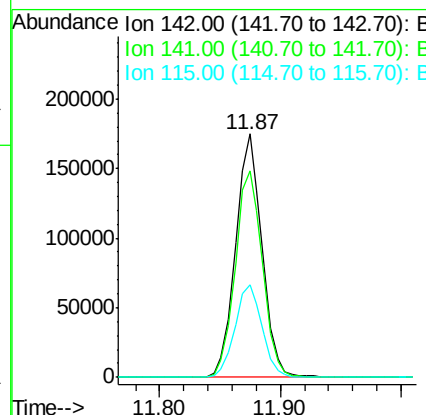
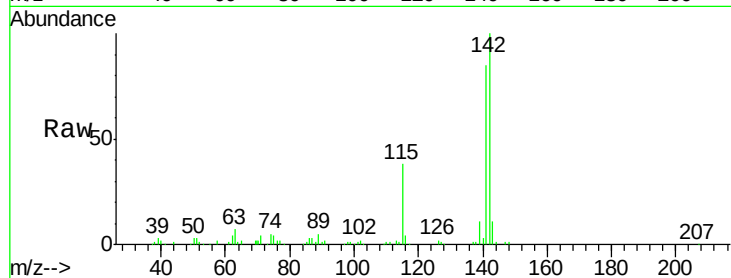




#37
2-Methylnaphthalene
Concen: 7.772 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

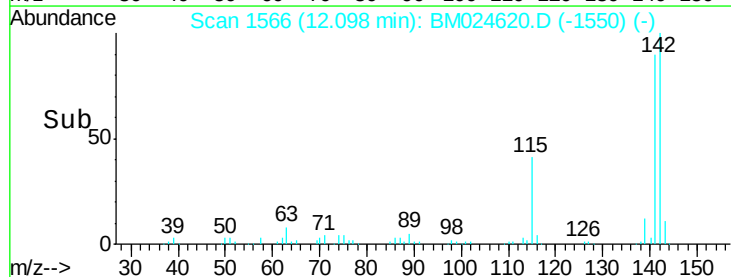
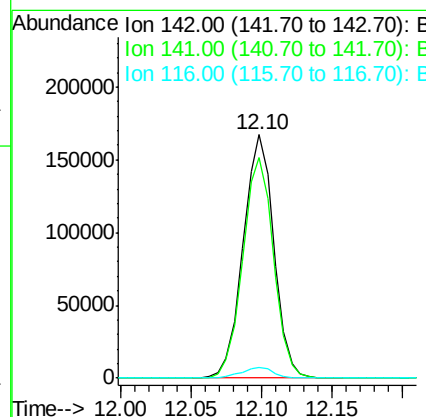
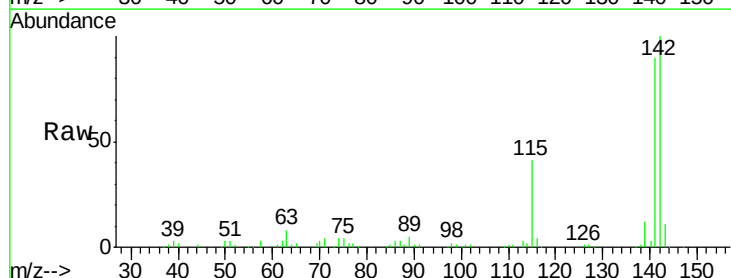
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

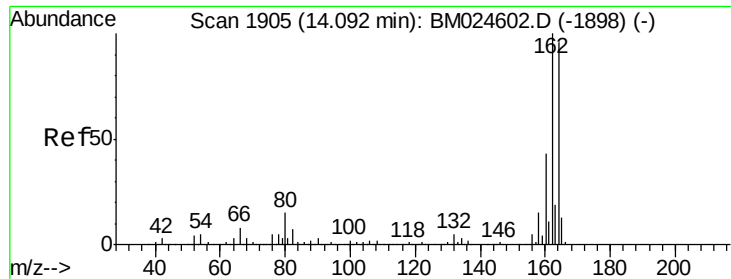
Tot Ion:142 Resp: 265886
Ion Ratio Lower Upper
142 100
141 84.7 70.2 105.2
115 37.8 29.7 44.5



#38
1-Methylnaphthalene
Concen: 7.809 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion:142 Resp: 254137
Ion Ratio Lower Upper
142 100
141 90.4 72.8 109.2
116 4.3 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

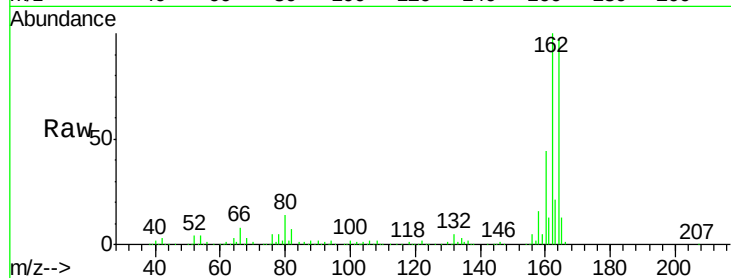
Tot Ion:164 Resp: 630874

Ion Ratio Lower Upper

164 100

162 103.3 82.9 124.3

160 45.6 35.5 53.3

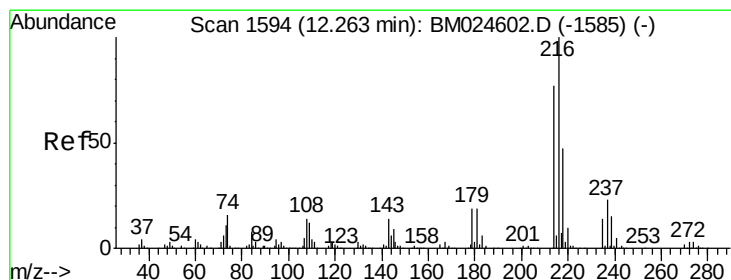
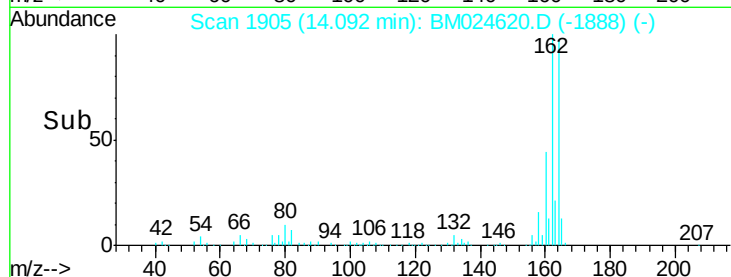
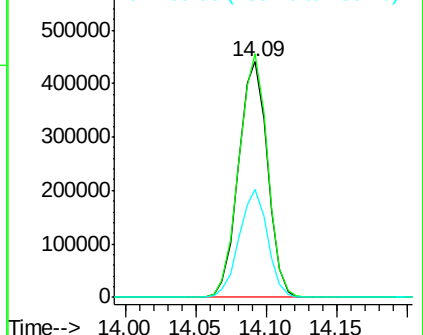


Abundance

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: 7.652 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:216 Resp: 172292

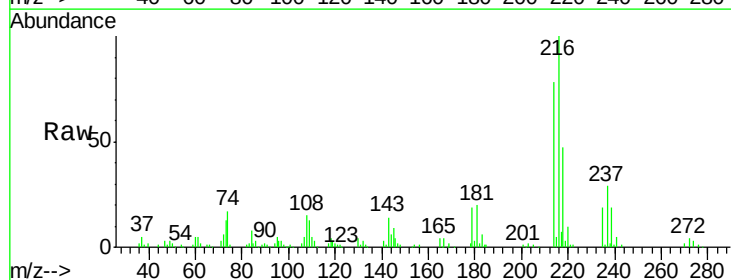
Ion Ratio Lower Upper

216 100

214 77.8 62.3 93.5

179 19.7 16.1 24.1

108 15.8 13.0 19.6



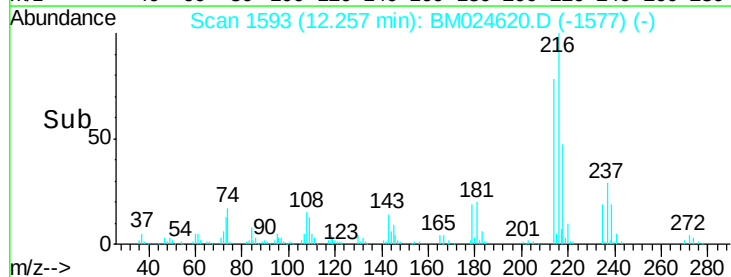
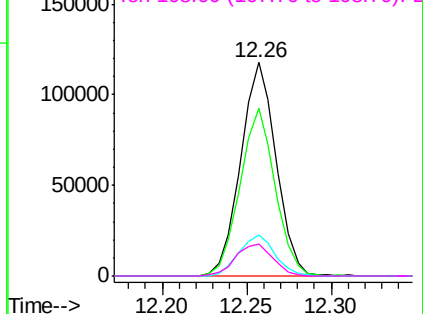
Abundance

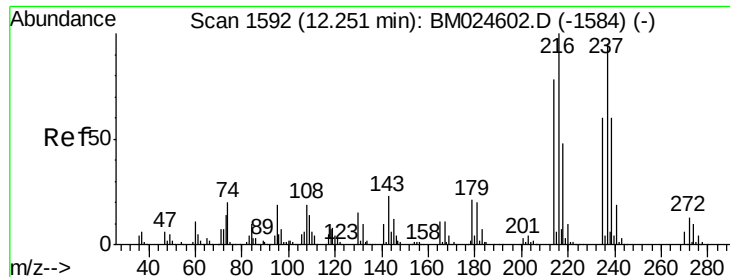
Ion 216.00 (215.70 to 216.70): E

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: 7.277 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

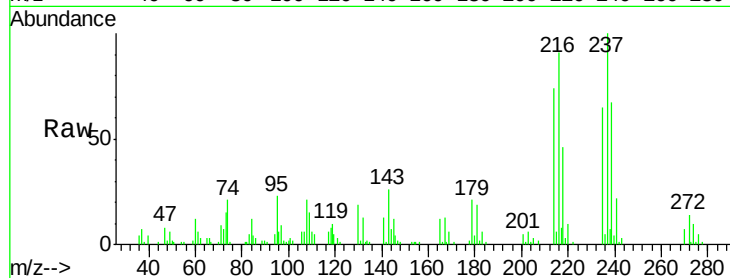
Tot Ion:237 Resp: 91842

Ion Ratio Lower Upper

237 100

235 65.3 43.3 83.3

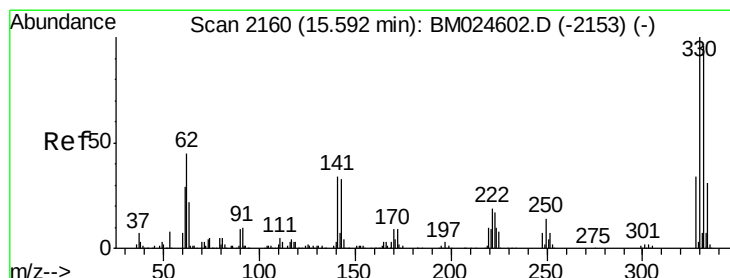
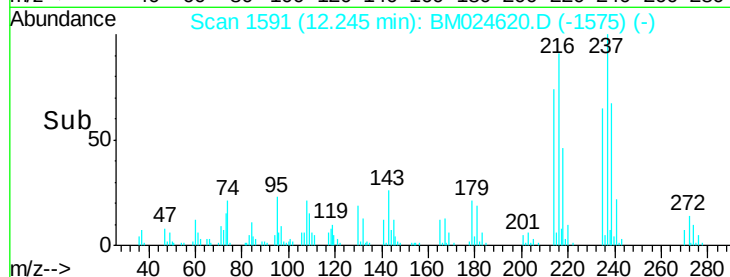
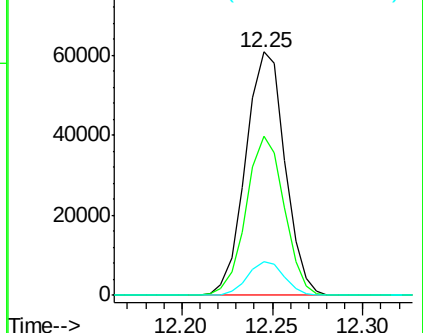
272 13.8 0.0 33.4



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: 131.707 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

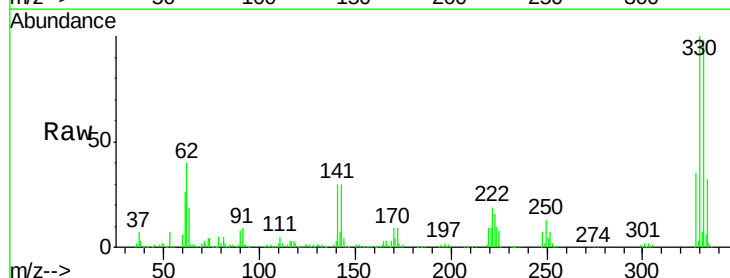
Tgt Ion:330 Resp: 1351586

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

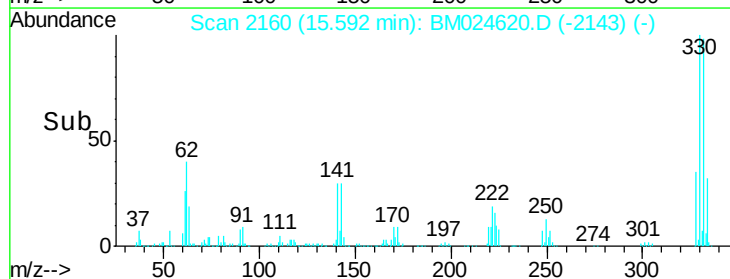
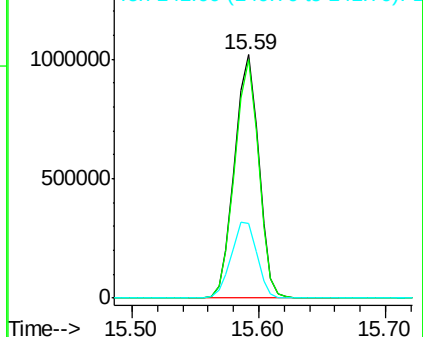
141 33.0 26.9 40.3

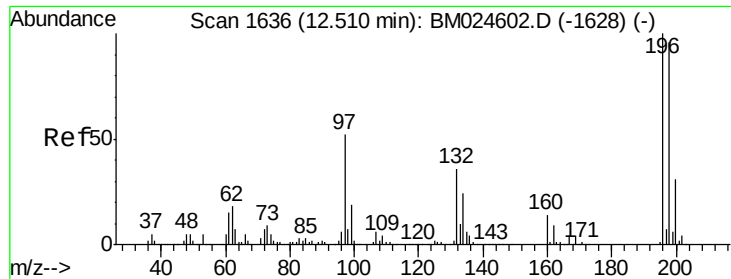


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

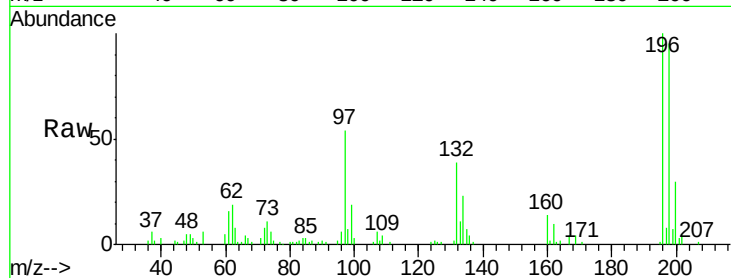




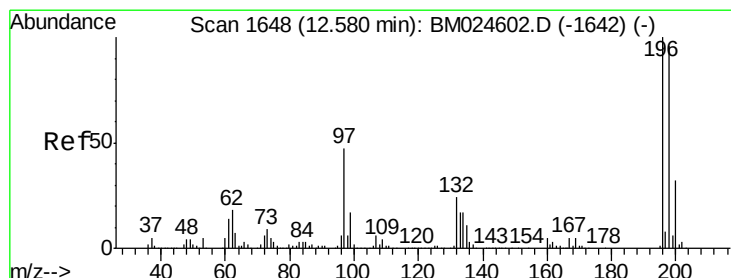
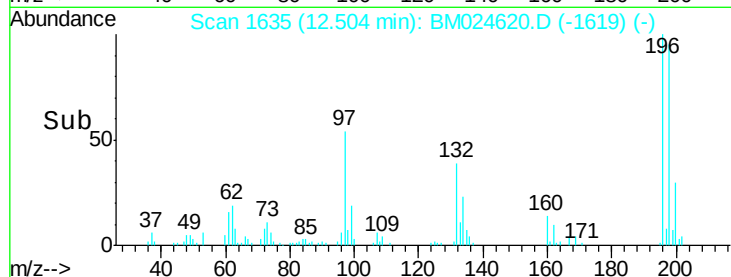
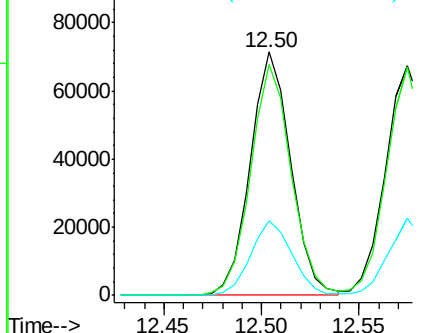
#43
 2,4,6-Trichlorophenol
 Concen: 7.152 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion:196 Resp: 102471
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.5 114.7
 200 30.4 25.0 37.6

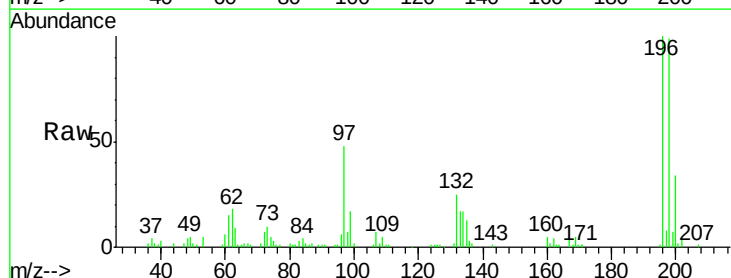


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

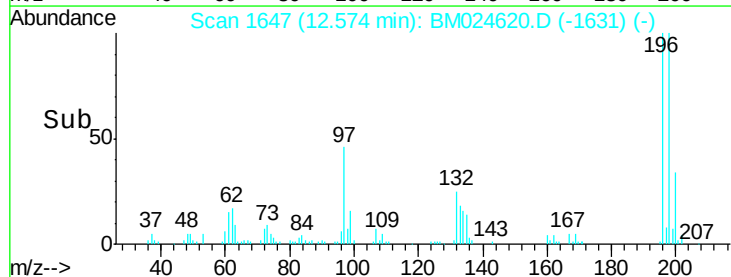
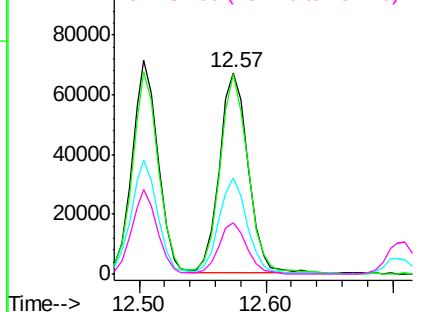


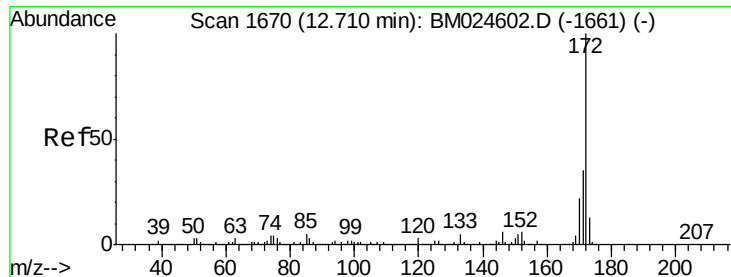
#44
 2,4,5-Trichlorophenol
 Concen: 7.236 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion:196 Resp: 105877
 Ion Ratio Lower Upper
 196 100
 198 99.4 77.2 115.8
 97 47.6 37.4 56.0
 132 25.2 19.3 28.9



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

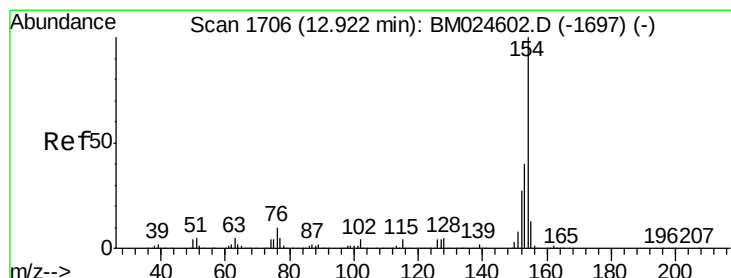
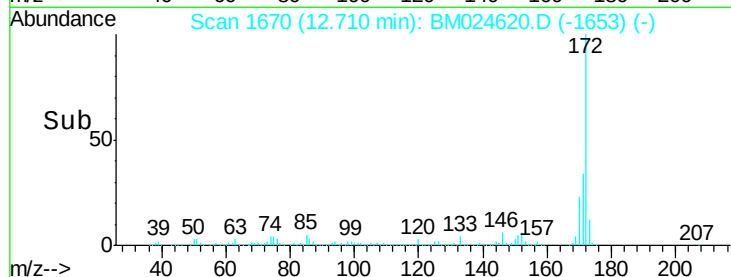
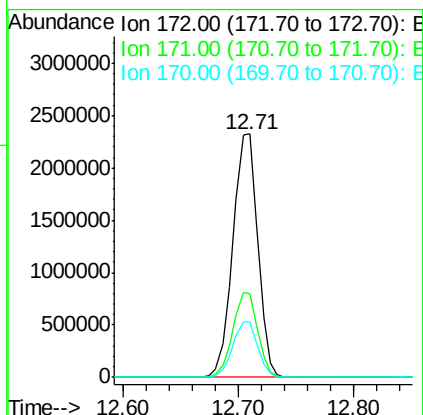
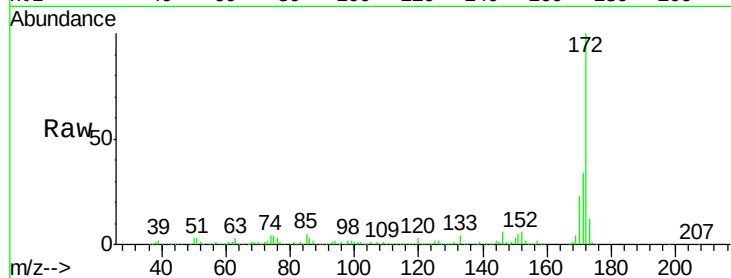




#45
2-Fluorobiphenyl
Concen: 74.909 ng
RT: 12.71 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

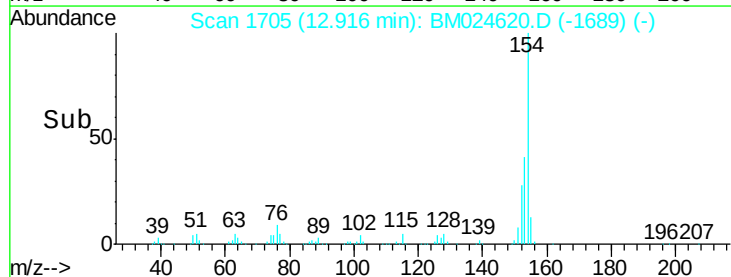
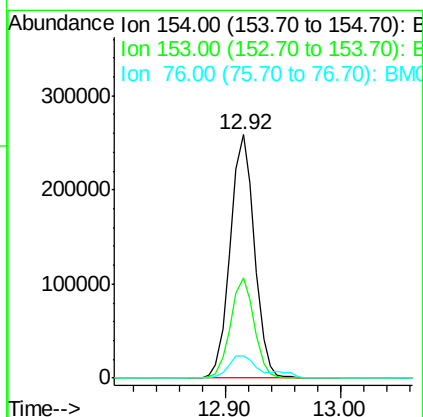
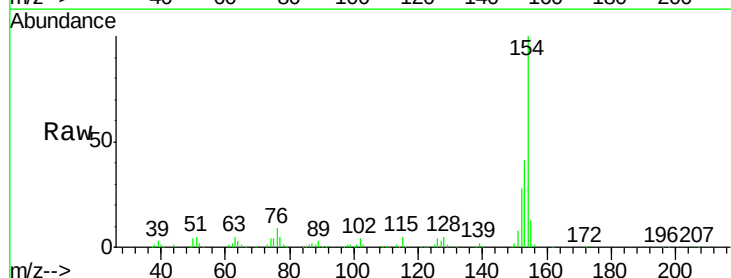
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

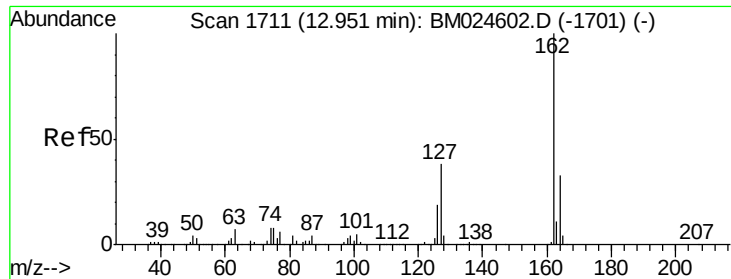
Tot Ion:172 Resp: 3476133
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 22.8 17.9 26.9



#46
1,1'-Biphenyl
Concen: 7.871 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion:154 Resp: 375798
Ion Ratio Lower Upper
154 100
153 41.0 20.3 60.3
76 9.4 0.0 30.5

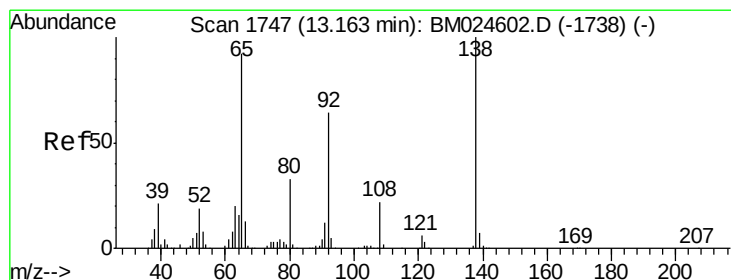
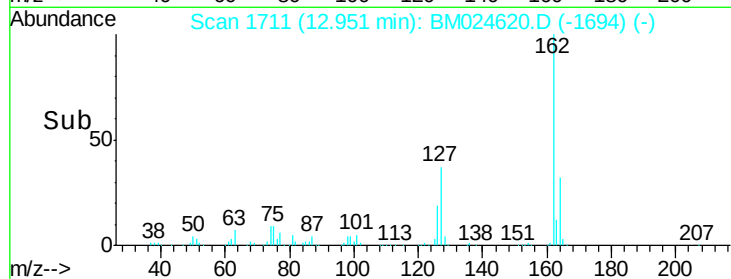
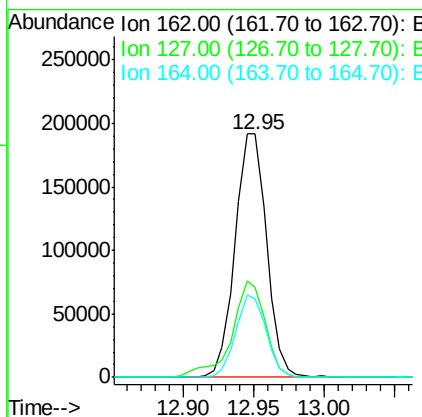
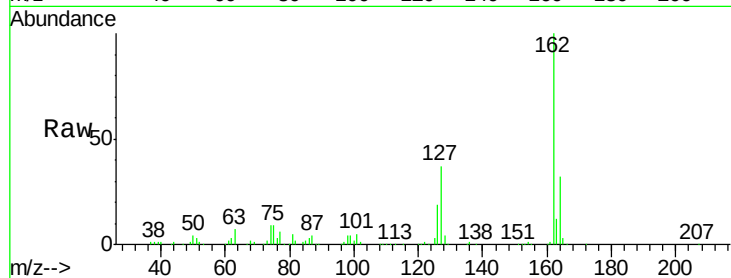




#47
2-Chloronaphthalene
Concen: 7.762 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

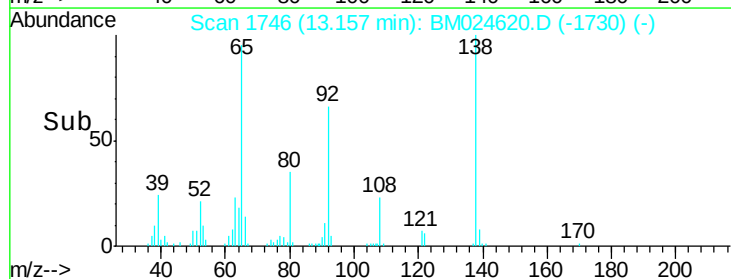
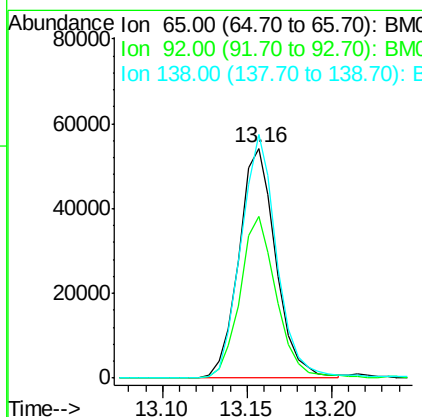
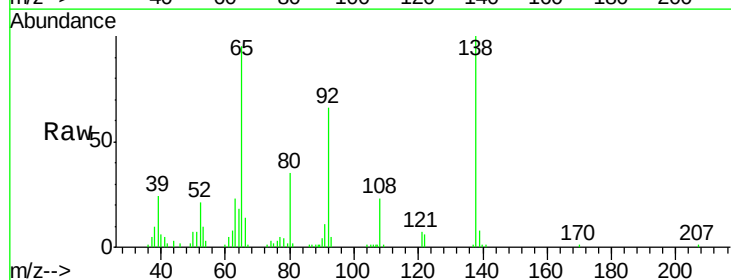
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

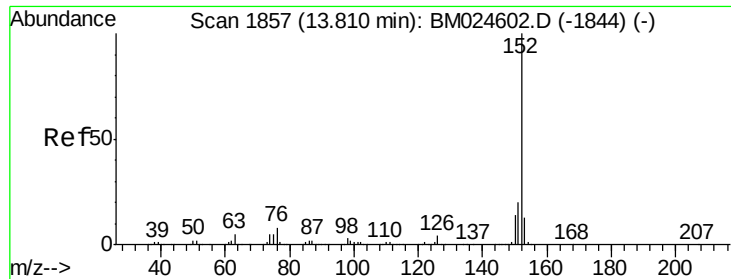
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.4	45.6
164	32.2	26.5	39.7



#48
2-Nitroaniline
Concen: 7.047 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	55.4	83.2
138	105.8	86.6	129.8





#49

Acenaphthylene

Concen: 7.647 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

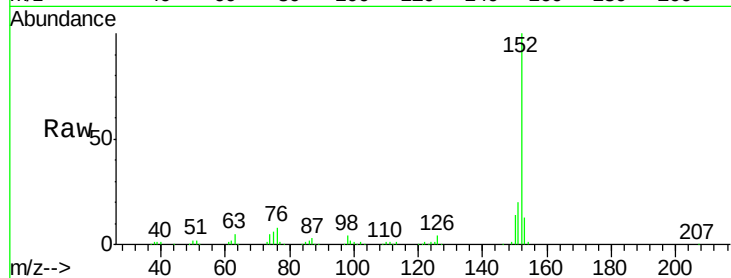
Tot Ion:152 Resp: 441222

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.6

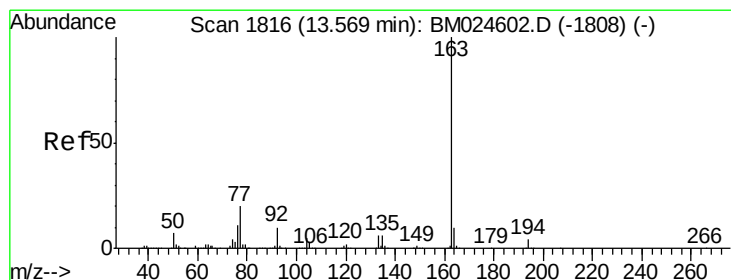
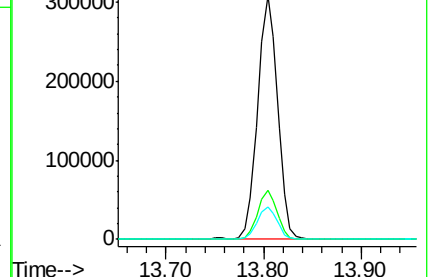
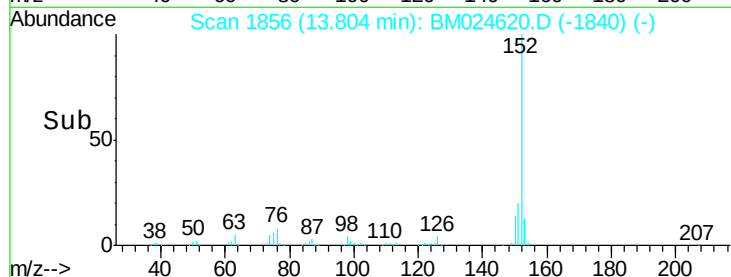
153 13.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 7.752 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

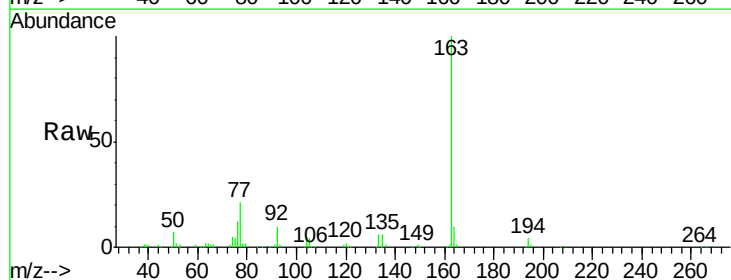
Tgt Ion:163 Resp: 395444

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

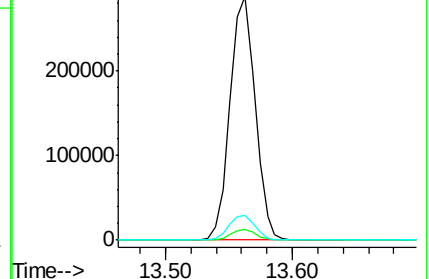
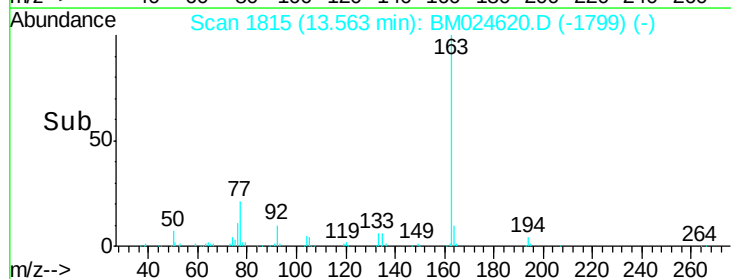
164 10.3 8.0 12.0

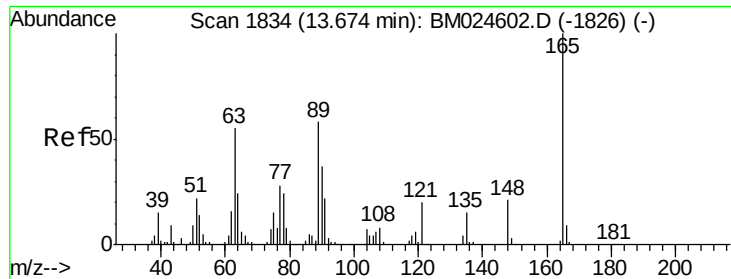


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

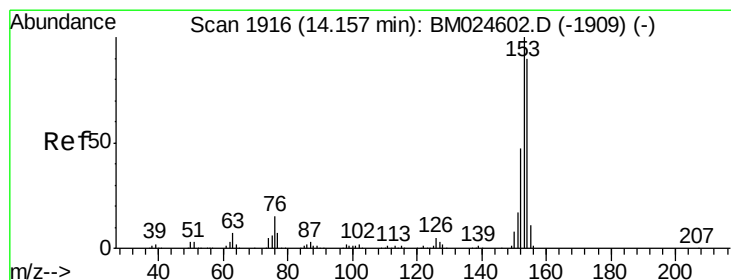
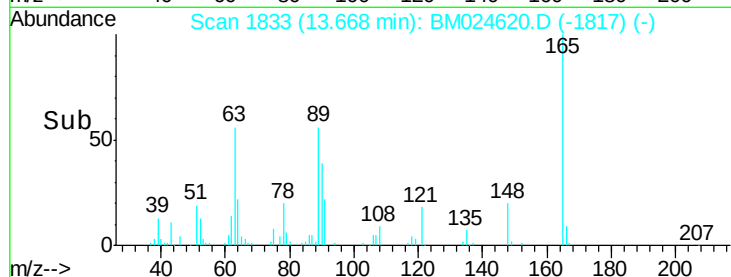
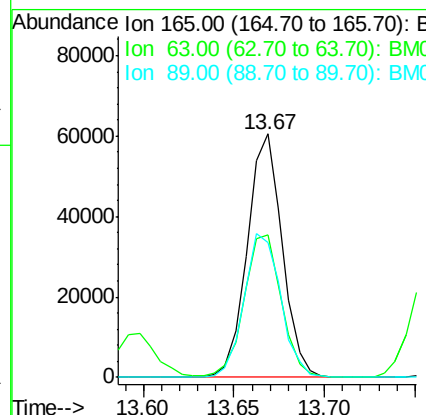
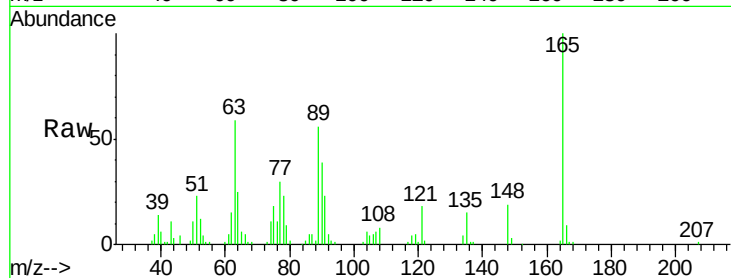




#51
 2,6-Dinitrotoluene
 Concen: 7.457 ng
 RT: 13.67 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

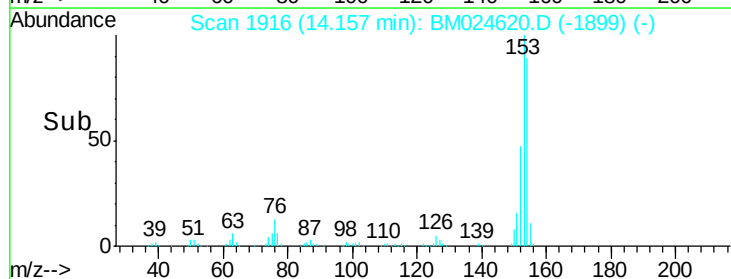
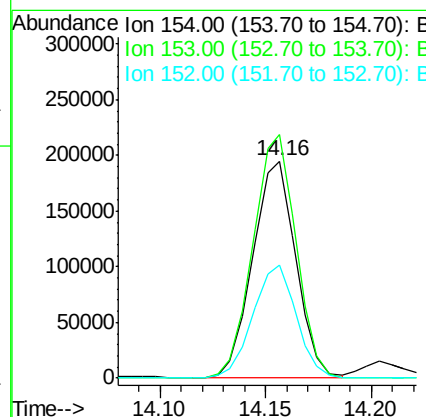
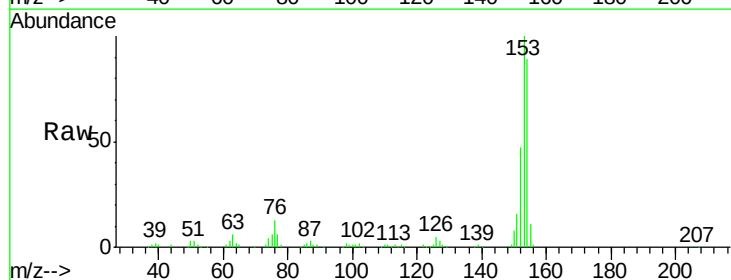
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

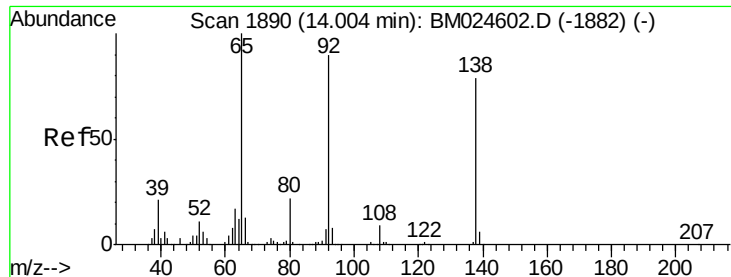
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.5	45.4	68.0
89	55.6	46.6	69.8



#52
 Acenaphthene
 Concen: 7.742 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.1	133.7
152	52.2	41.9	62.9

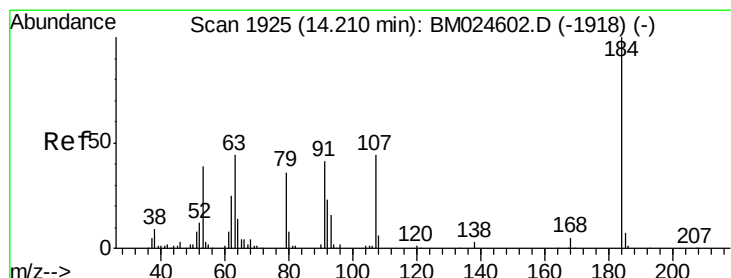
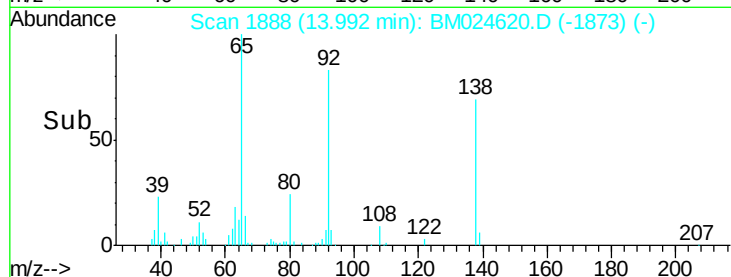
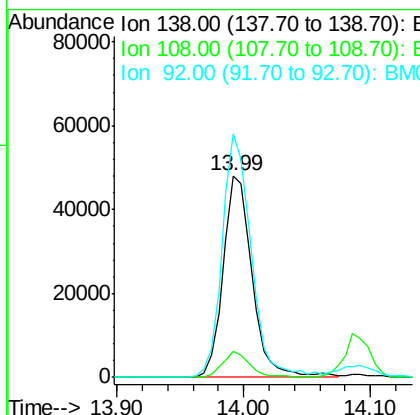
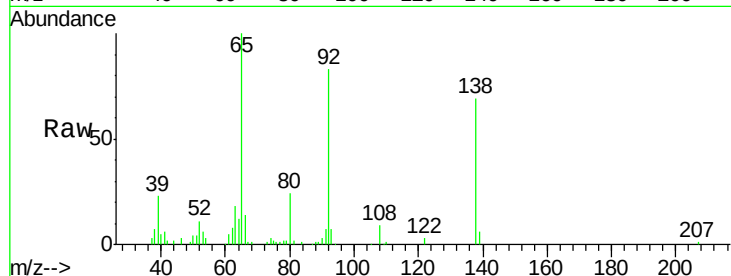




#53
3-Nitroaniline
Concen: 6.753 ng
RT: 13.99 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

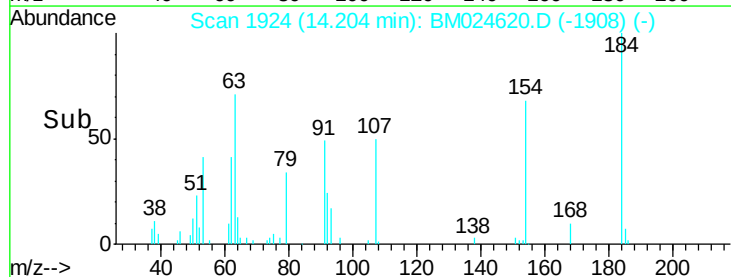
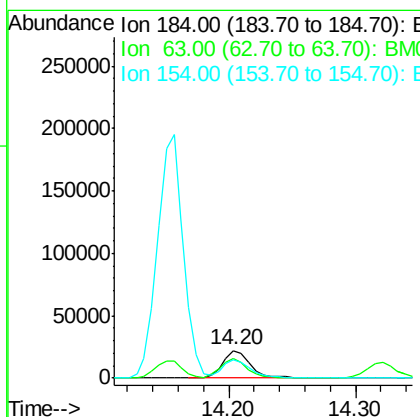
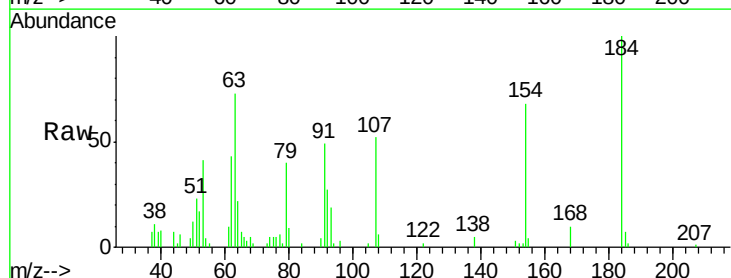
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

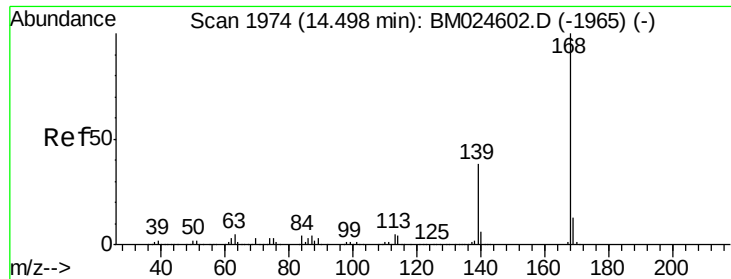
Tot Ion:138 Resp: 75967
Ion Ratio Lower Upper
138 100
108 12.8 8.7 13.1
92 120.7 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 5.188 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion:184 Resp: 33648
Ion Ratio Lower Upper
184 100
63 72.7 51.8 77.8
154 67.6 50.2 75.4

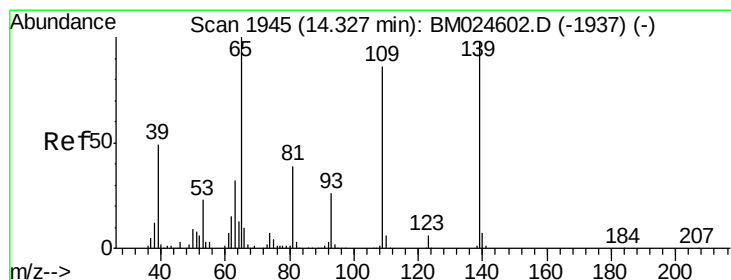
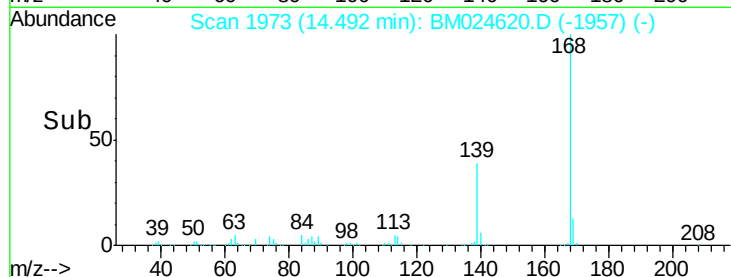
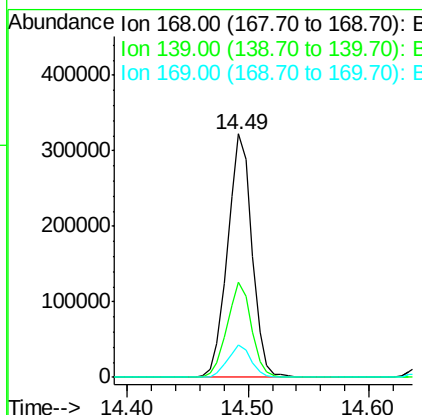
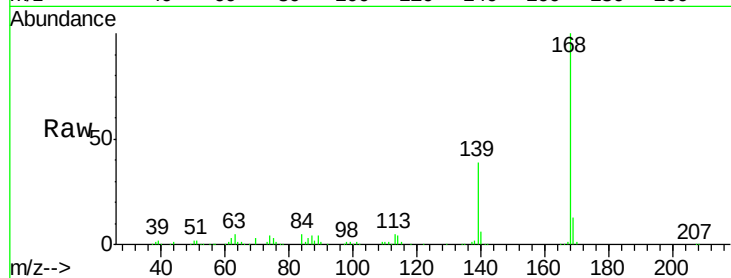




#55
Dibenzofuran
Concen: 7.768 ng
RT: 14.49 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

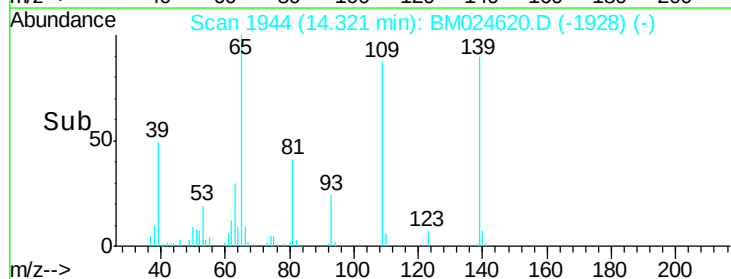
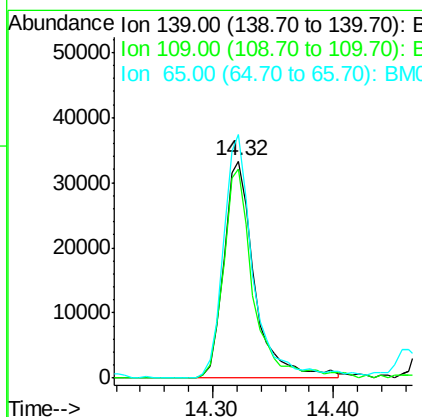
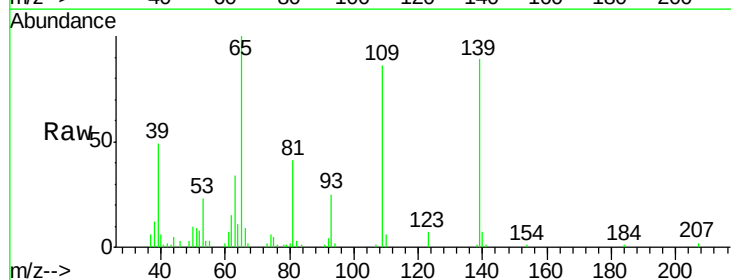
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

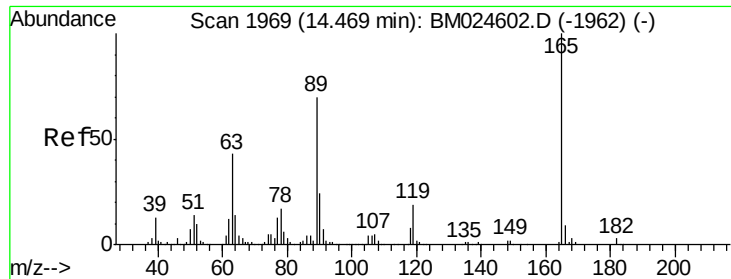
Tot Ion:168 Resp: 453598
Ion Ratio Lower Upper
168 100
139 39.3 30.2 45.4
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 6.677 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion:139 Resp: 58711
Ion Ratio Lower Upper
139 100
109 96.5 67.4 107.4
65 112.1 82.1 122.1

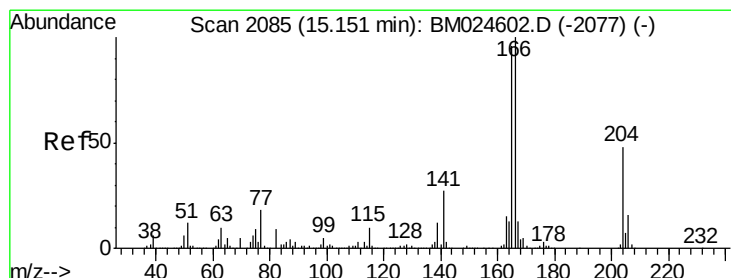
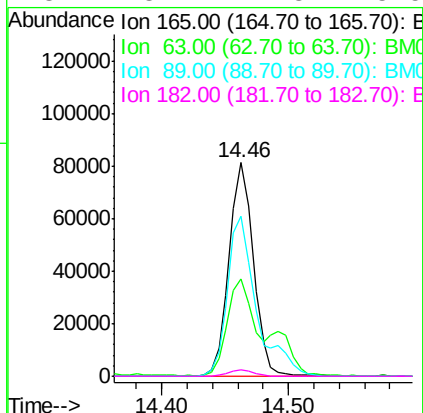
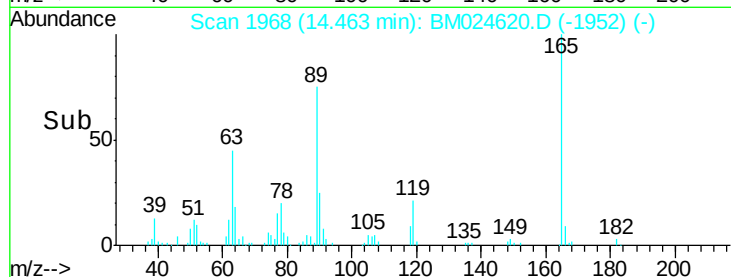
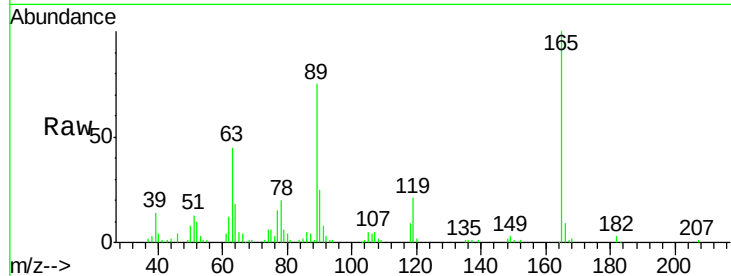




#57
2,4-Dinitrotoluene
Concen: 6.975 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

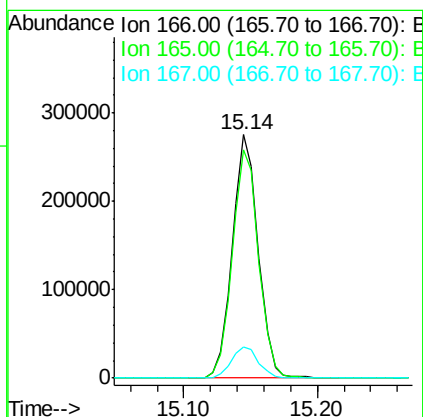
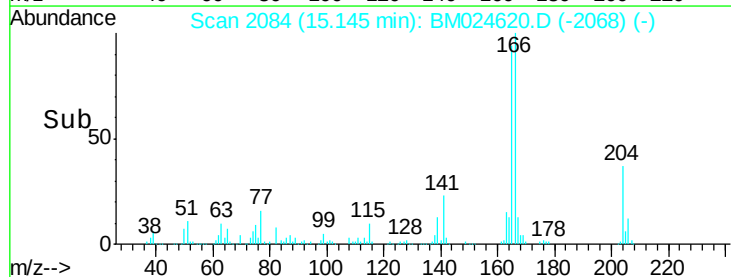
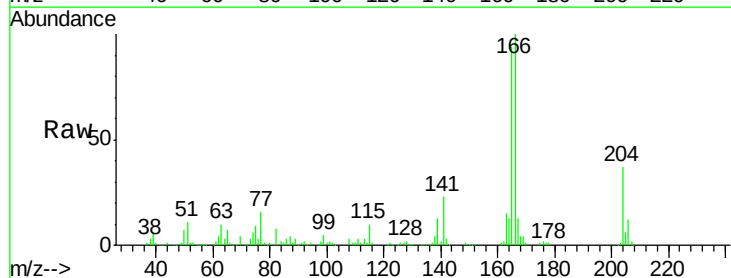
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

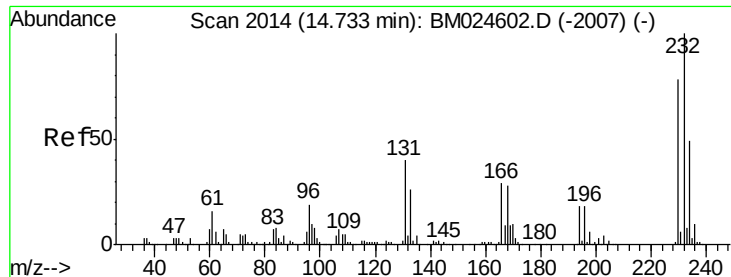
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	45.4	34.5	51.7	
89	75.0	55.8	83.8	
182	3.1	2.3	3.5	



#58
Fluorene
Concen: 7.556 ng
RT: 15.14 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	93.9	76.6	114.8	
167	12.8	10.8	16.2	

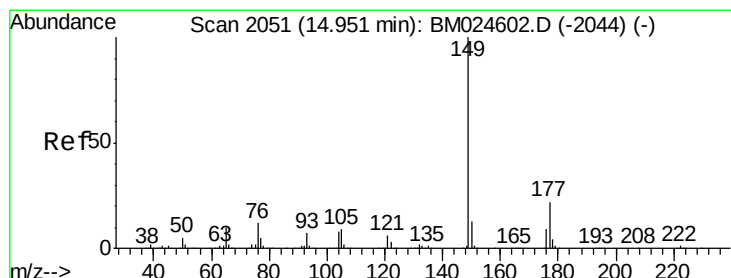
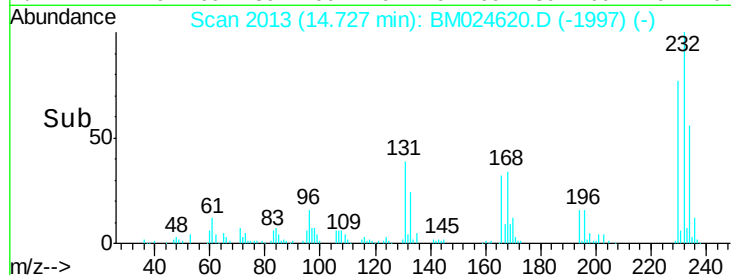
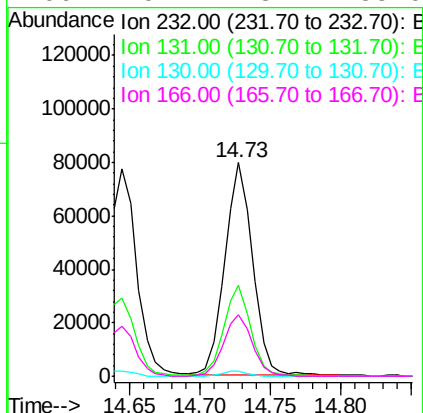
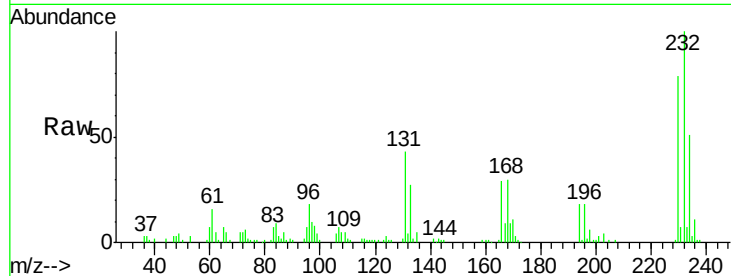




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.367 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

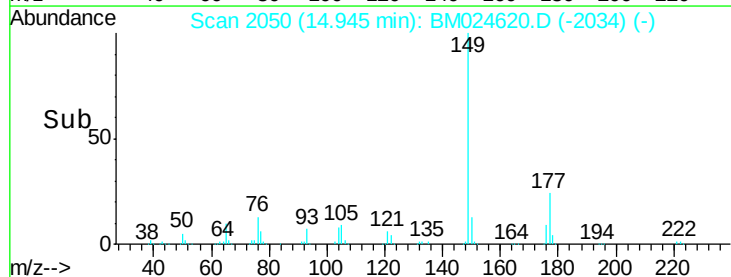
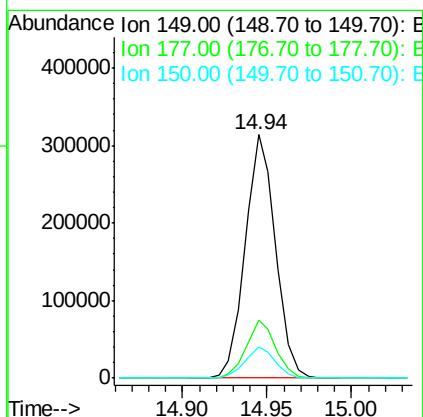
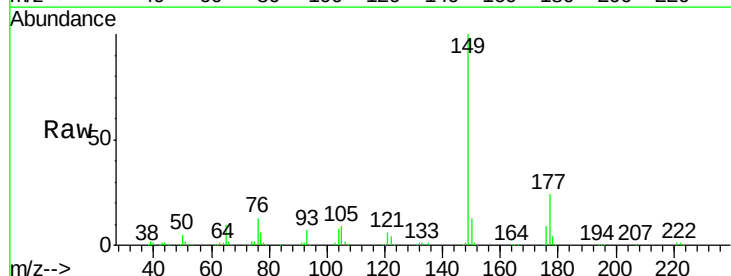
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

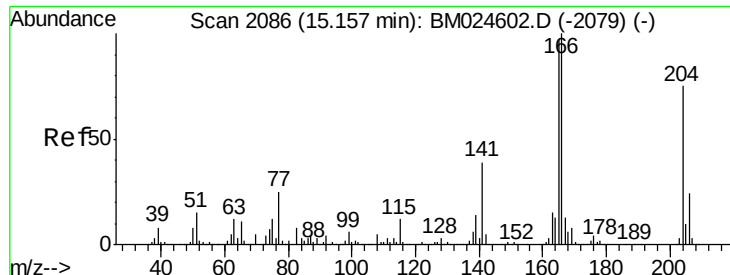
Tot Ion:232 Resp: 109322
Ion Ratio Lower Upper
232 100
131 41.6 32.2 48.4
130 2.1 1.9 2.9
166 29.4 23.4 35.0



#60
Diethylphthalate
Concen: 7.553 ng
RT: 14.94 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Tgt Ion:149 Resp: 391181
Ion Ratio Lower Upper
149 100
177 23.8 18.0 27.0
150 12.7 10.2 15.4

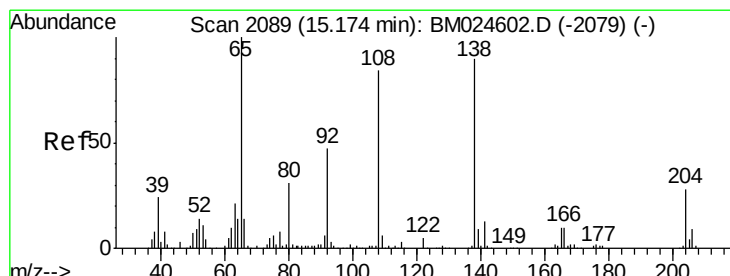
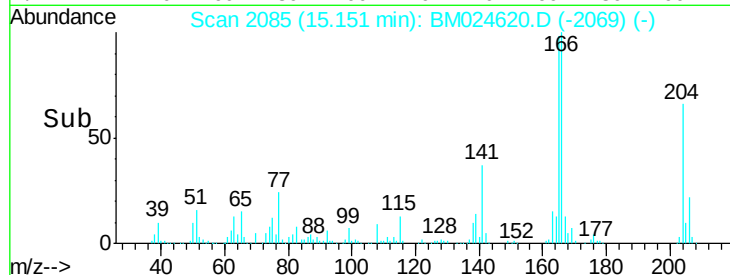
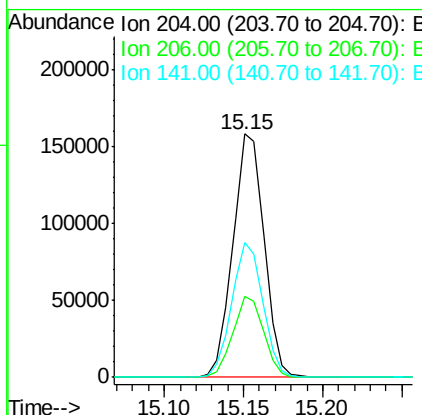
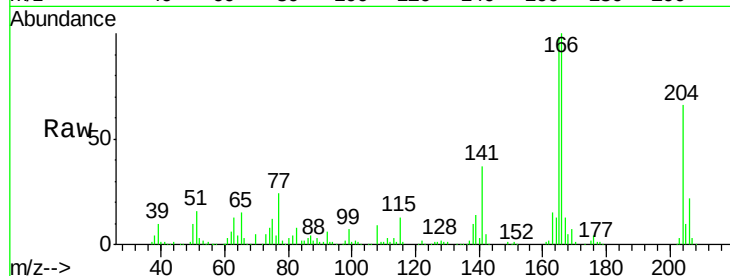




#61
 4-Chlorophenyl-phenylether
 Concen: 7.634 ng
 RT: 15.15 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

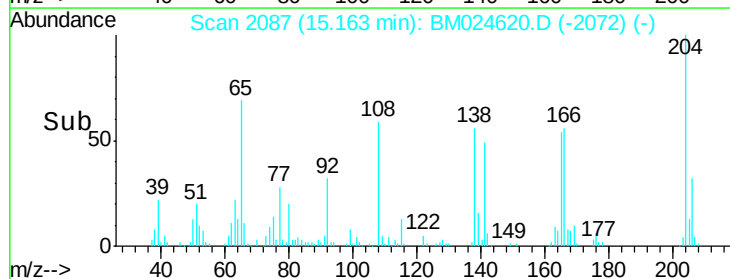
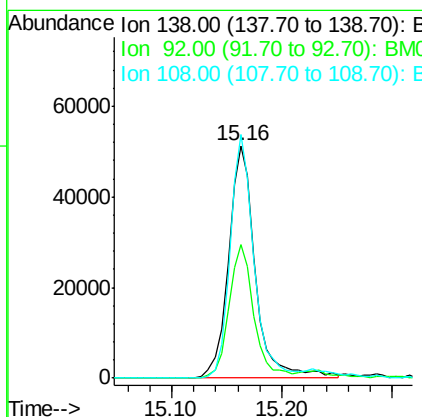
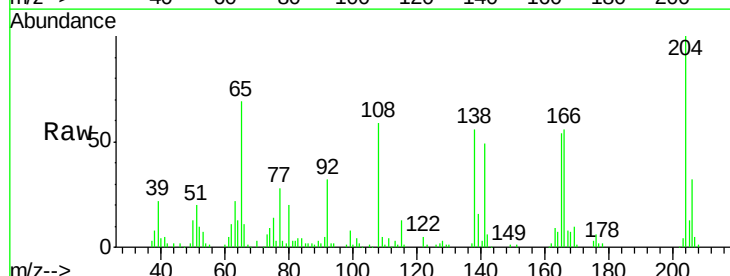
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

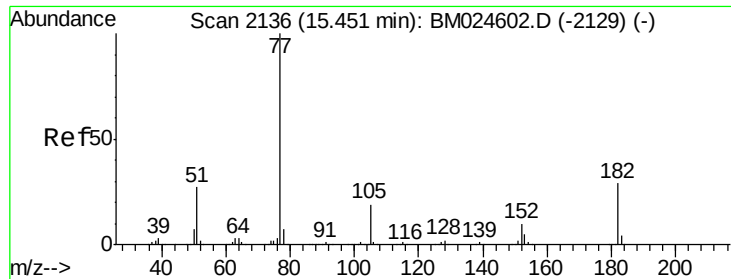
Tot Ion:	204	Resp:	215969
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	55.3	42.2	63.2



#62
 4-Nitroaniline
 Concen: 6.994 ng
 RT: 15.16 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion:	138	Resp:	86841
Ion	Ratio	Lower	Upper
138	100		
92	57.3	32.4	72.4
108	104.8	73.3	113.3

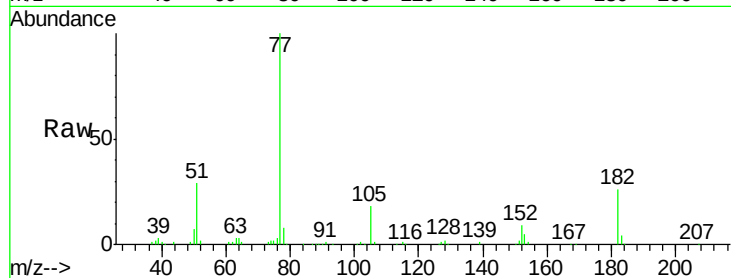




#63
Azobenzene
Concen: 7.784 ng
RT: 15.44 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion:	77	Resp:	343853
Ion	Ratio	Lower	Upper
77	100		
182	26.2	8.7	48.7
105	17.9	0.0	39.2
51	29.0	7.5	47.5

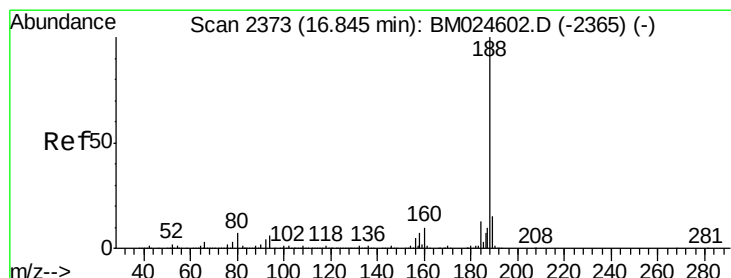
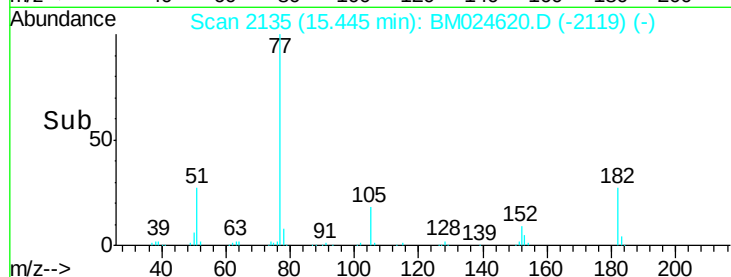
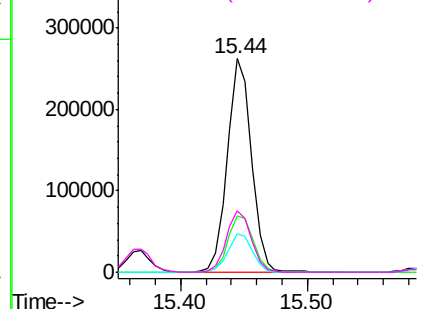


Abundance Ion 77.00 (76.70 to 77.70): BM024620.D (-2129) (-)

Ion 182.00 (181.70 to 182.70): BM024620.D (-2129) (-)

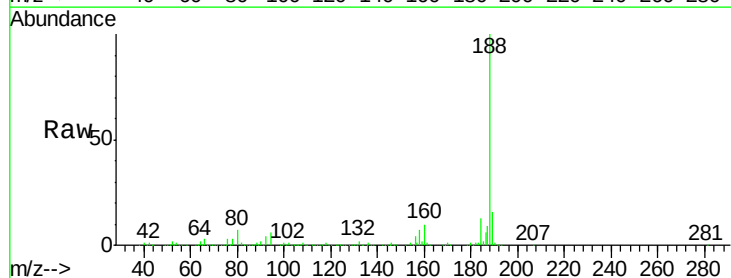
Ion 105.00 (104.70 to 105.70): BM024620.D (-2129) (-)

Ion 51.00 (50.70 to 51.70): BM024620.D (-2129) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

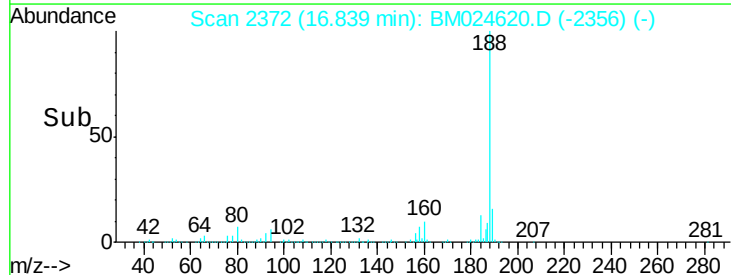
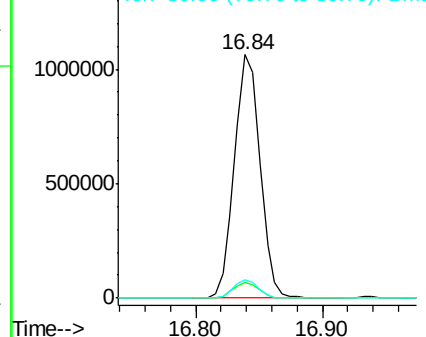
Tgt Ion:	188	Resp:	1486630
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.0	7.6
80	7.4	5.8	8.8

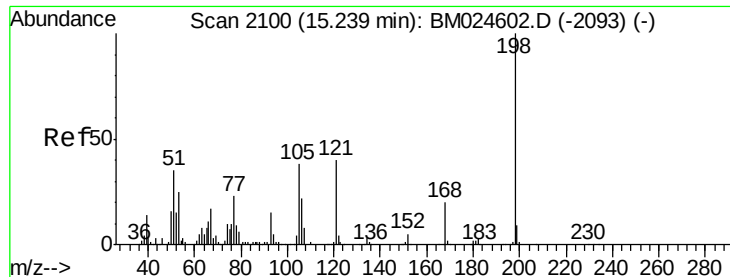


Abundance Ion 188.00 (187.70 to 188.70): BM024620.D (-2365) (-)

Ion 94.00 (93.70 to 94.70): BM024620.D (-2365) (-)

Ion 80.00 (79.70 to 80.70): BM024620.D (-2365) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 5.959 ng

RT: 15.23 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

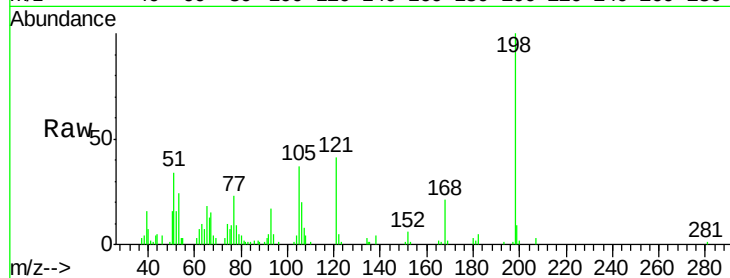
Tot Ion:198 Resp: 52084

Ion Ratio Lower Upper

198 100

51 34.5 15.8 55.8

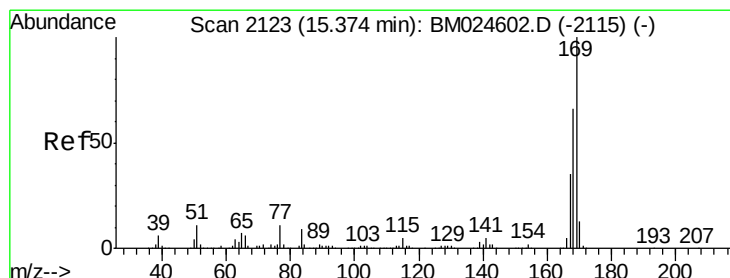
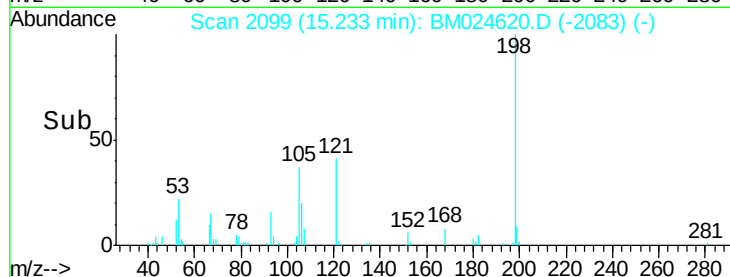
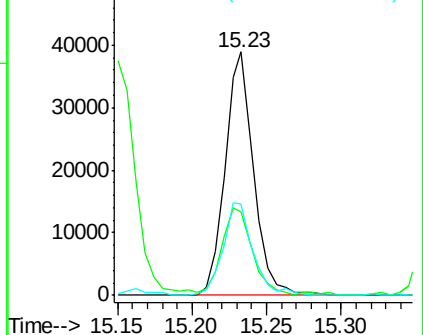
105 37.3 18.5 58.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 7.486 ng

RT: 15.37 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

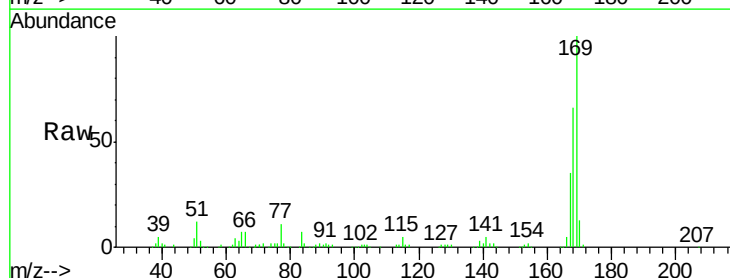
Tgt Ion:169 Resp: 319695

Ion Ratio Lower Upper

169 100

168 65.7 52.8 79.2

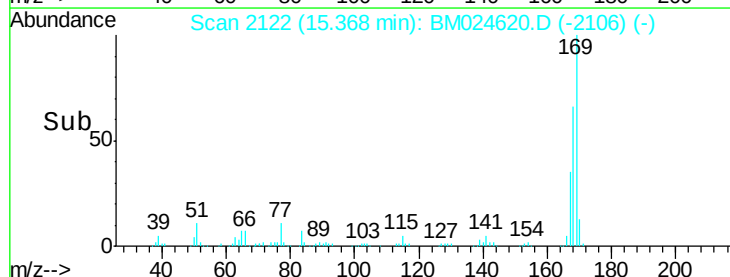
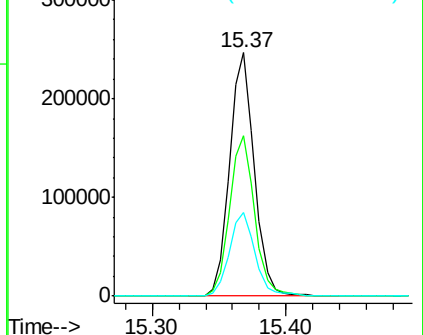
167 34.6 28.2 42.2

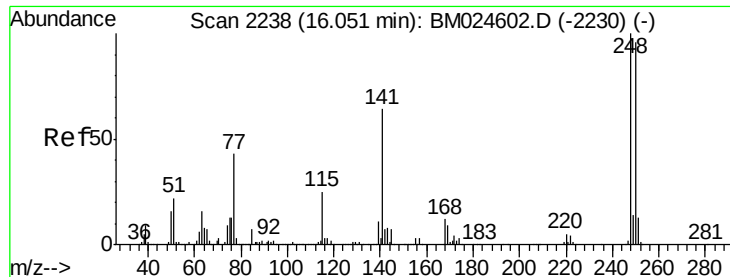


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

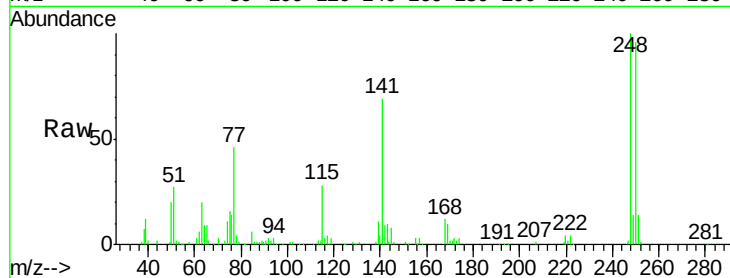




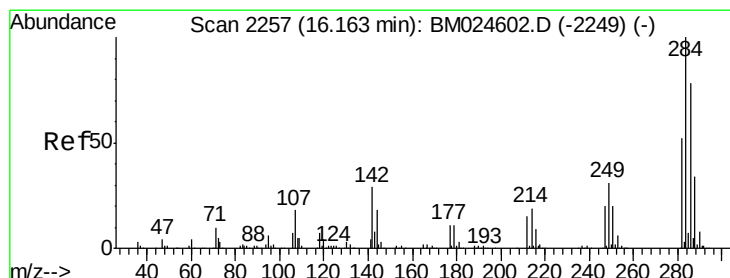
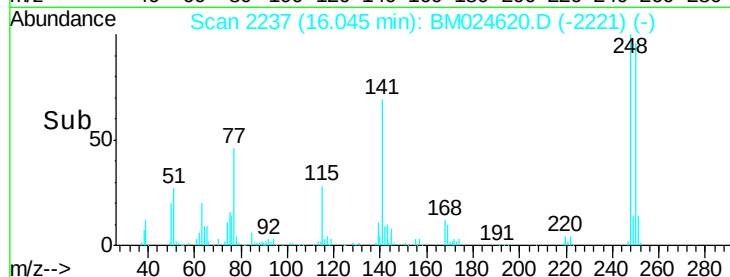
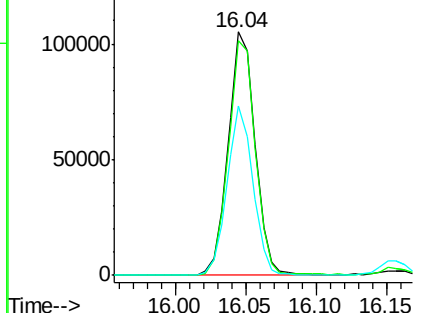
#67
 4-Bromophenyl-phenylether
 Concen: 7.549 ng
 RT: 16.04 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tot Ion:248 Resp: 139555
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.0 115.6
 141 69.3 50.9 76.3

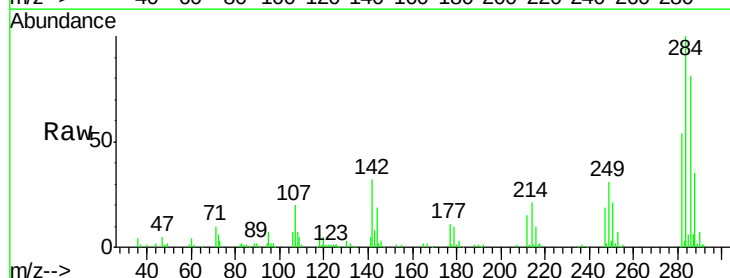


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

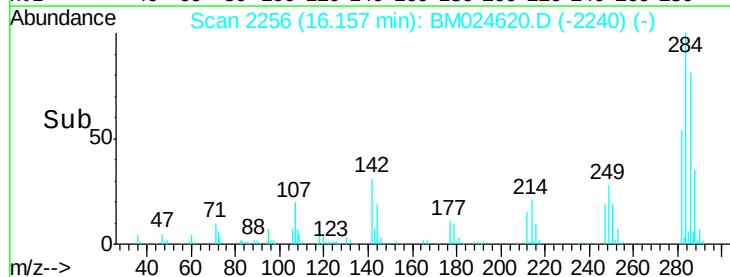
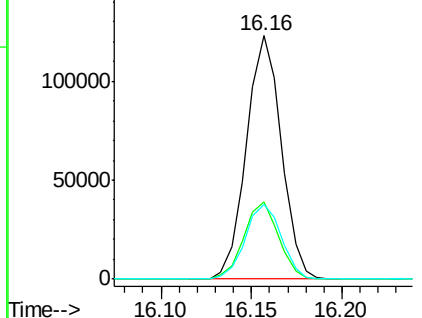


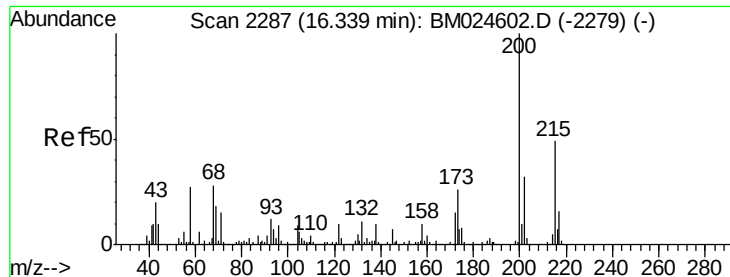
#68
 Hexachlorobenzene
 Concen: 7.766 ng
 RT: 16.16 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM024620.D
 Acq: 24 Jan 2020 14:19

Tgt Ion:284 Resp: 164758
 Ion Ratio Lower Upper
 284 100
 142 31.7 23.5 35.3
 249 30.7 24.6 36.8



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: 7.270 ng

RT: 16.33 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

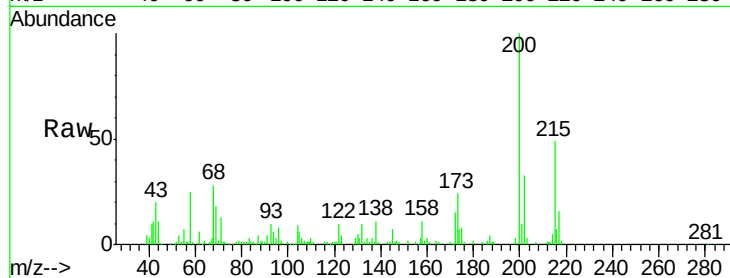
Tot Ion:200 Resp: 119164

Ion Ratio Lower Upper

200 100

173 23.9 5.5 45.5

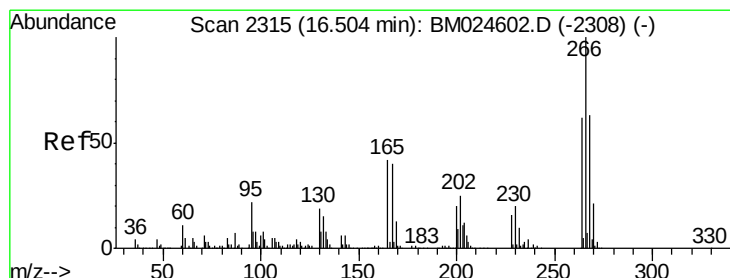
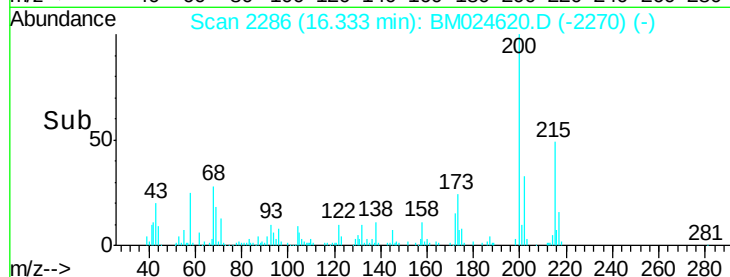
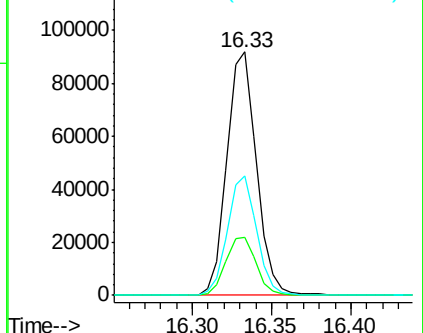
215 48.8 29.4 69.4



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: 6.783 ng

RT: 16.50 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

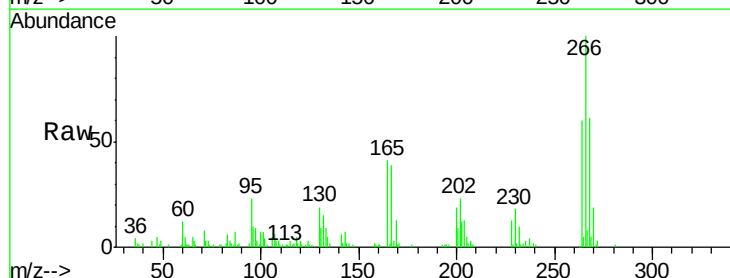
Tgt Ion:266 Resp: 87659

Ion Ratio Lower Upper

266 100

268 61.0 50.4 75.6

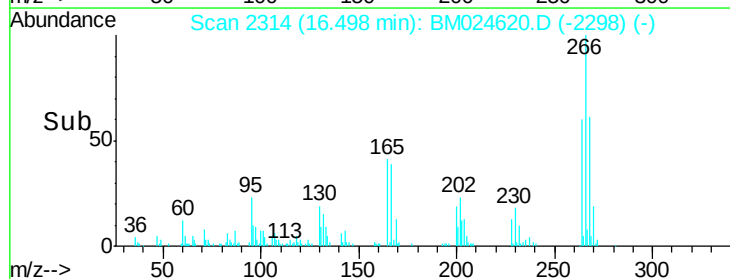
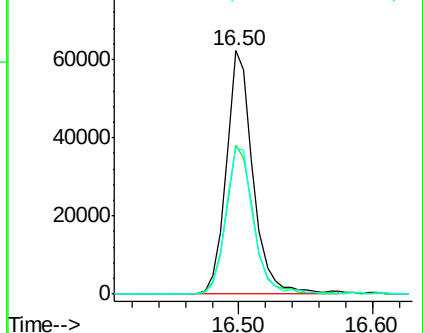
264 59.9 49.9 74.9

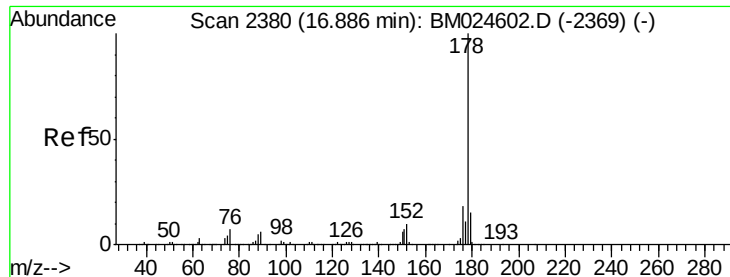


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 7.726 ng

RT: 16.88 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

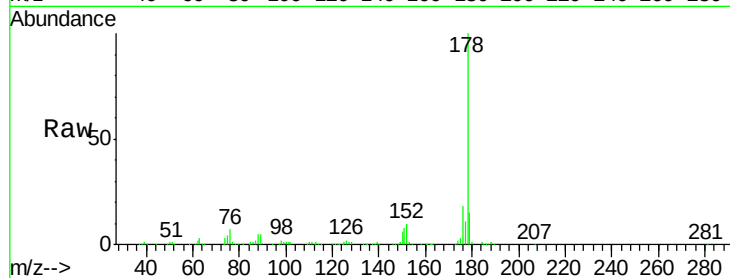
Tot Ion:178 Resp: 621957

Ion Ratio Lower Upper

178 100

176 18.4 14.5 21.7

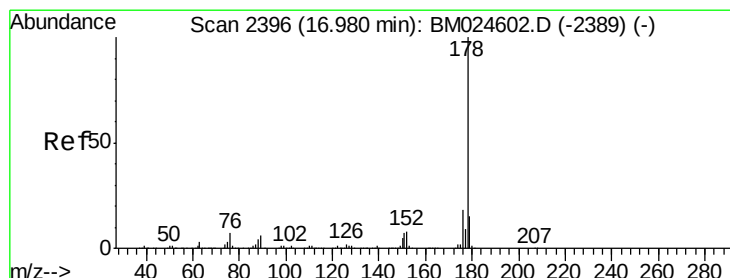
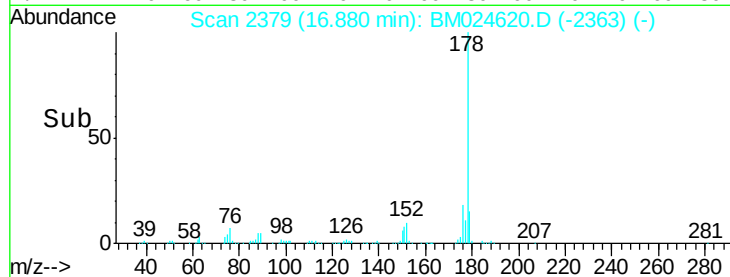
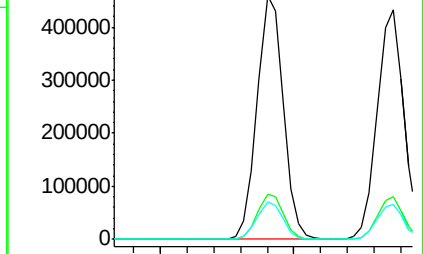
179 15.4 11.9 17.9



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: 7.553 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

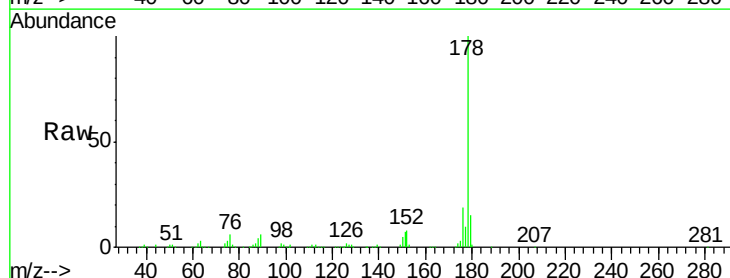
Tgt Ion:178 Resp: 594924

Ion Ratio Lower Upper

178 100

176 18.6 14.3 21.5

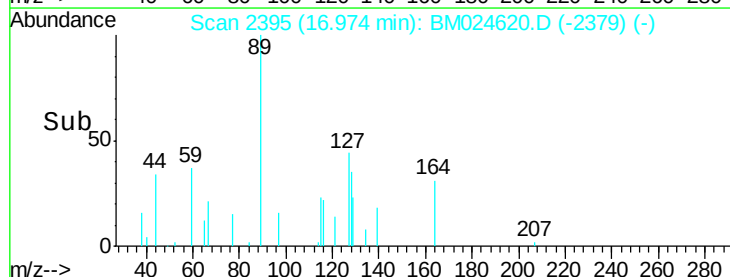
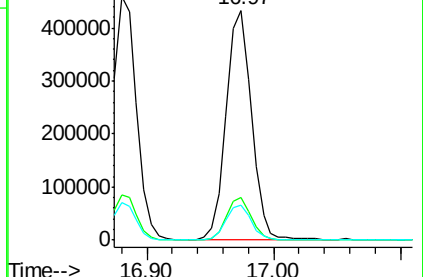
179 15.3 12.1 18.1

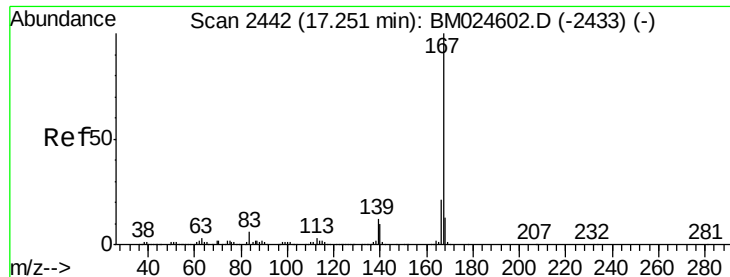


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 7.523 ng

RT: 17.24 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

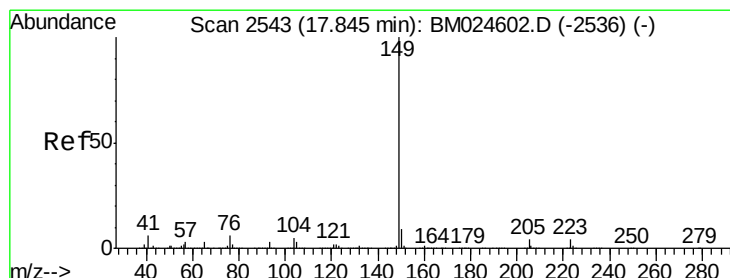
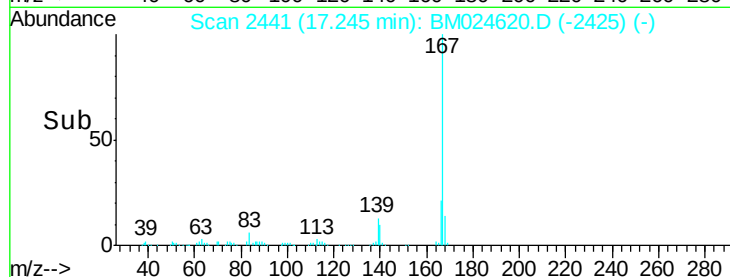
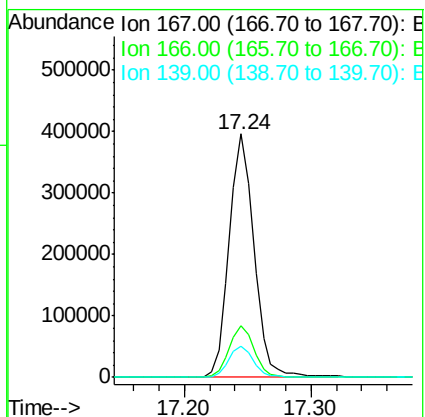
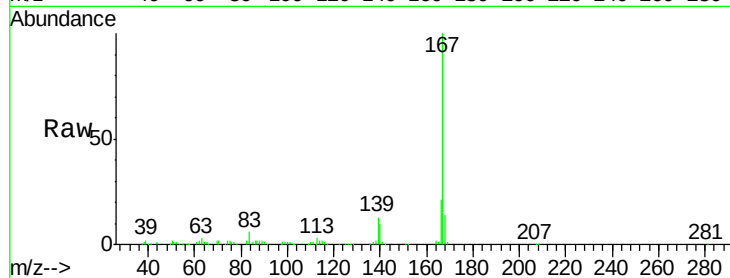
Tot Ion:167 Resp: 539455

Ion Ratio Lower Upper

167 100

166 21.1 17.1 25.7

139 12.7 9.8 14.8



#74

Di-n-butylphthalate

Concen: 7.150 ng

RT: 17.84 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

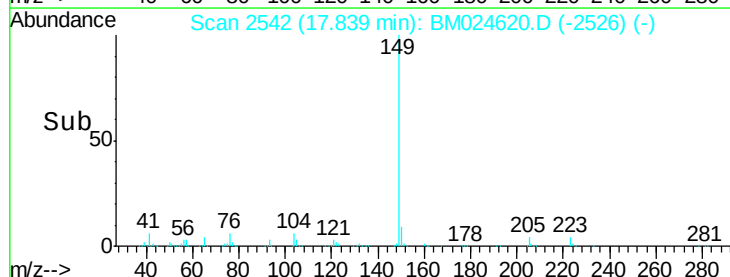
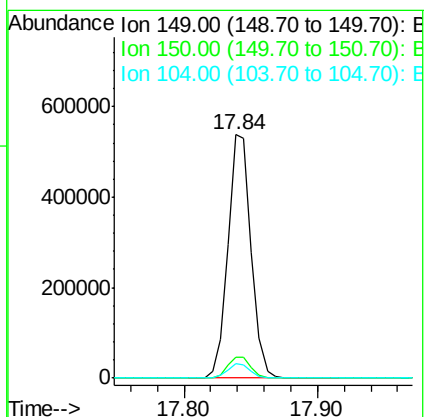
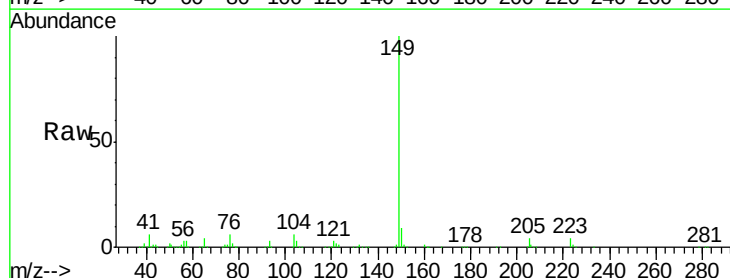
Tgt Ion:149 Resp: 655432

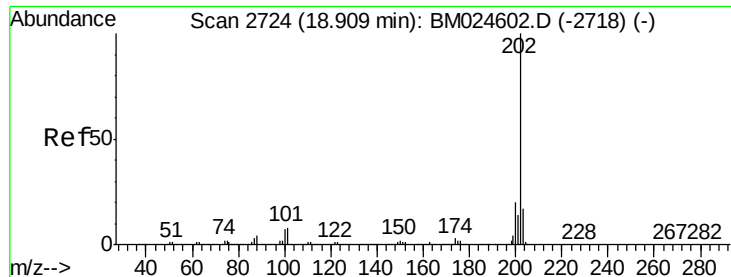
Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.0

104 6.2 4.3 6.5





#75

Fluoranthene

Concen: 7.559 ng

RT: 18.91 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

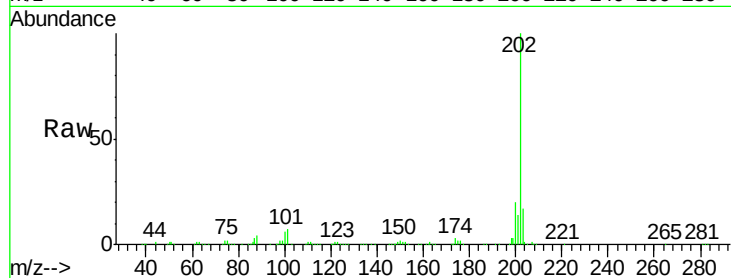
Tot Ion:202 Resp: 759475

Ion Ratio Lower Upper

202 100

101 7.0 0.0 28.4

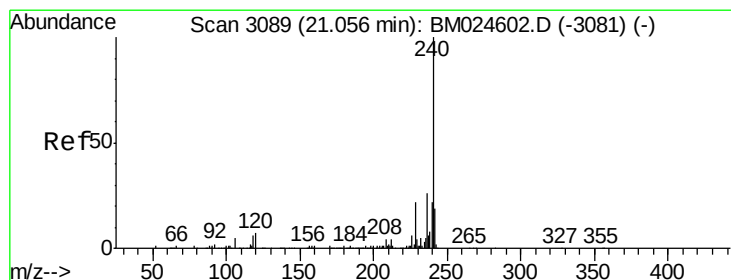
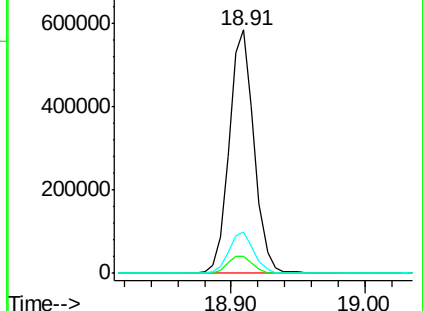
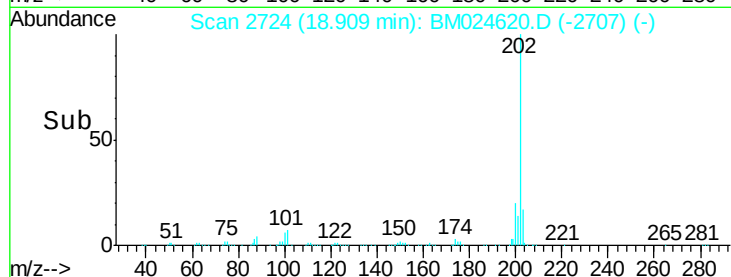
203 17.1 0.0 37.5



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: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

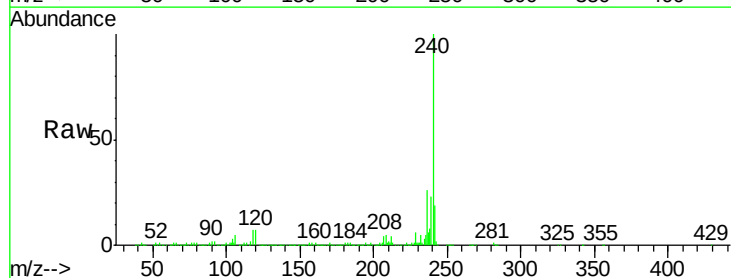
Tgt Ion:240 Resp: 1598408

Ion Ratio Lower Upper

240 100

120 6.7 5.3 7.9

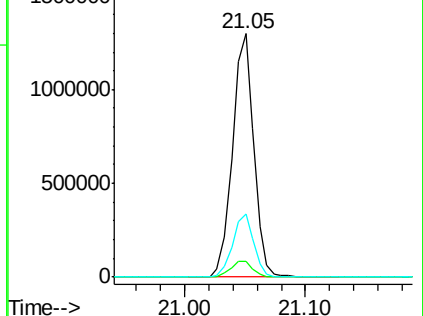
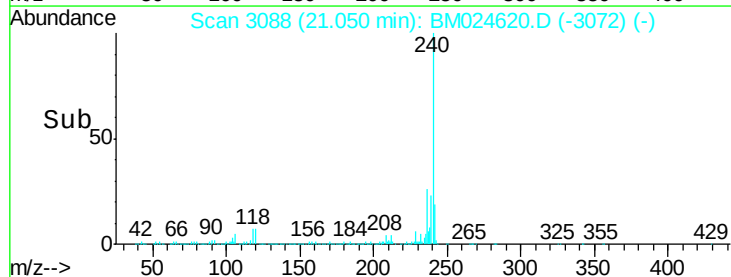
236 26.1 20.6 31.0

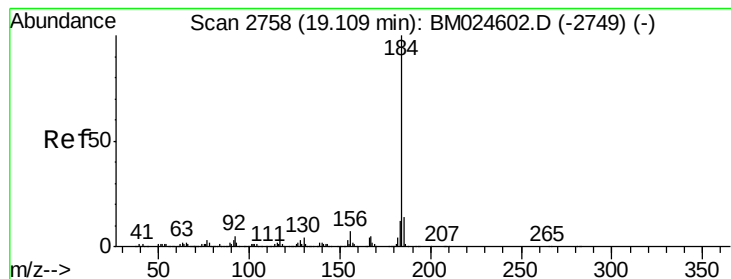


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.643 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

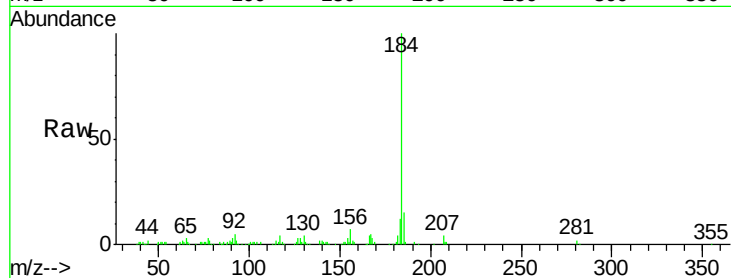
Tot Ion:184 Resp: 247293

Ion Ratio Lower Upper

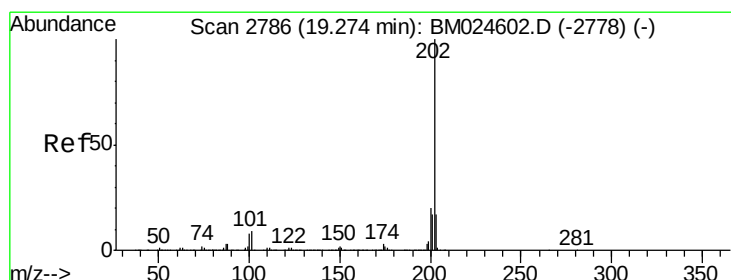
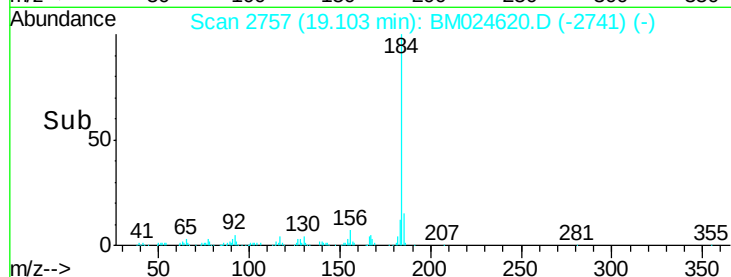
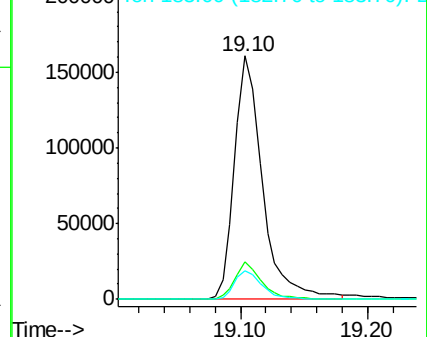
184 100

185 15.2 11.3 16.9

183 12.0 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: 7.593 ng

RT: 19.27 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

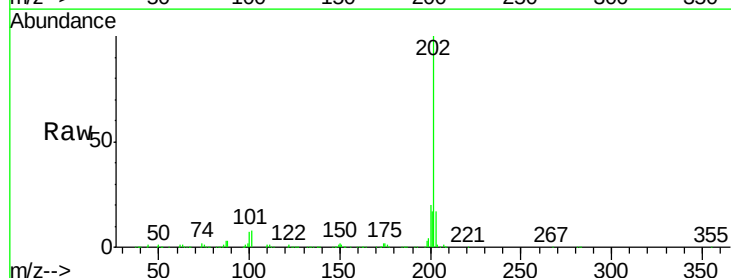
Tgt Ion:202 Resp: 800119

Ion Ratio Lower Upper

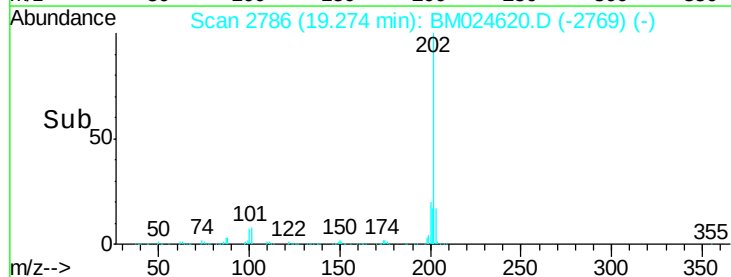
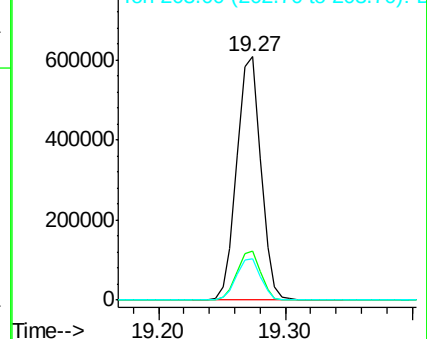
202 100

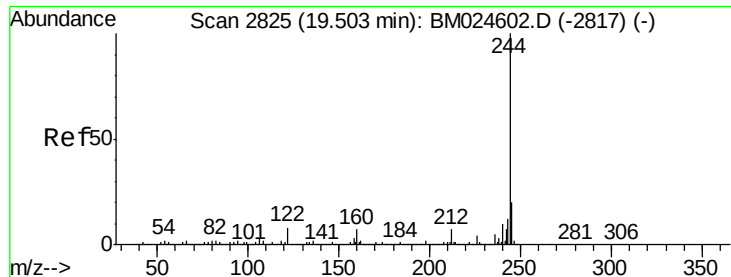
200 20.2 16.2 24.2

203 16.8 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: 83.407 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

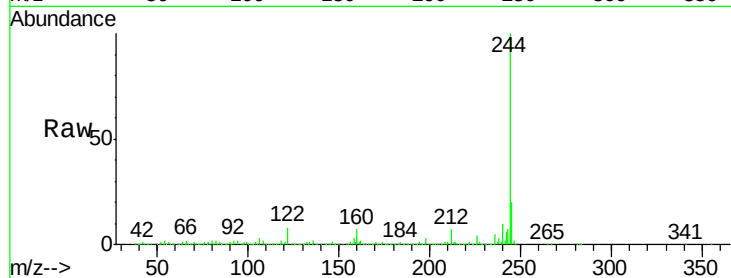
BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:244 Resp: 7141125

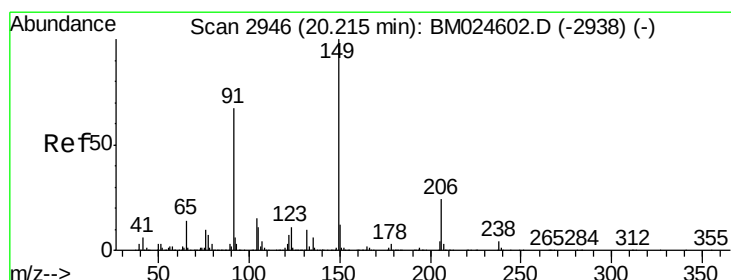
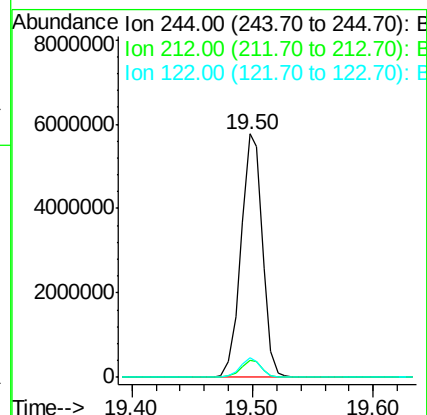
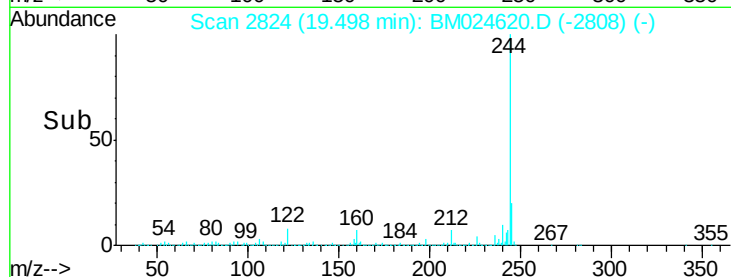
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	8.2	6.2	9.4



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: 6.587 ng

RT: 20.21 min Scan# 2945

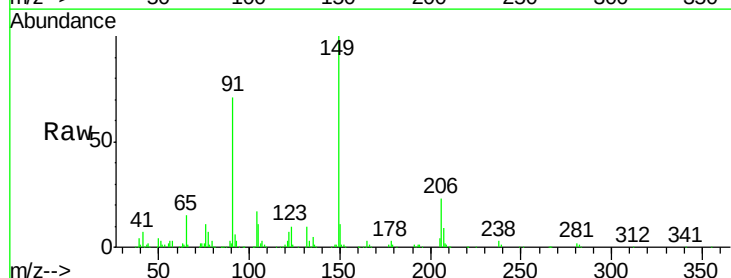
Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:149 Resp: 291235

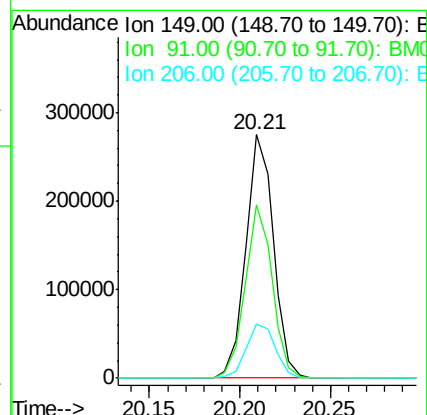
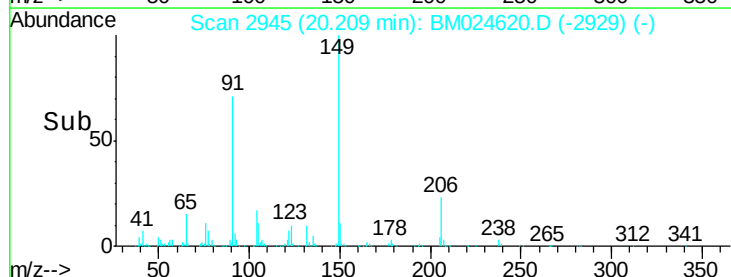
Ion	Ratio	Lower	Upper
149	100		
91	71.4	53.9	80.9
206	22.5	19.0	28.6

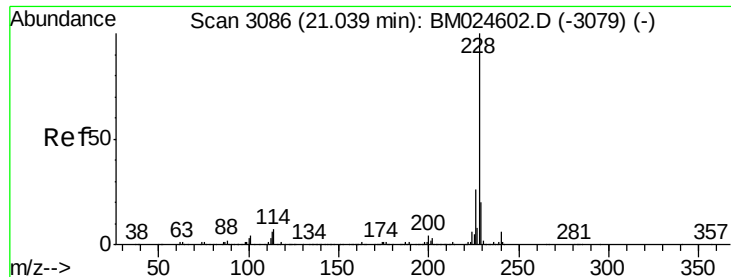


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 7.773 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

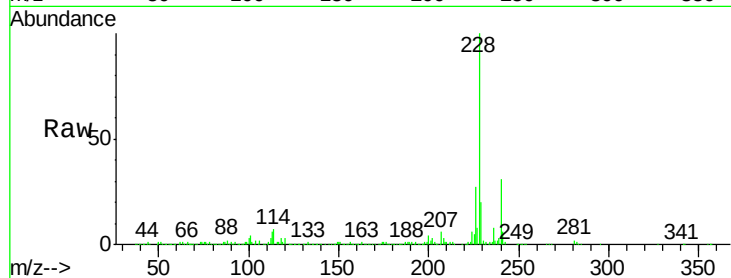
Tot Ion:228 Resp: 862278

Ion Ratio Lower Upper

228 100

226 26.5 21.1 31.7

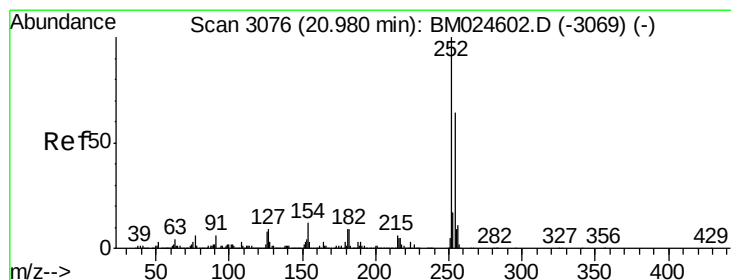
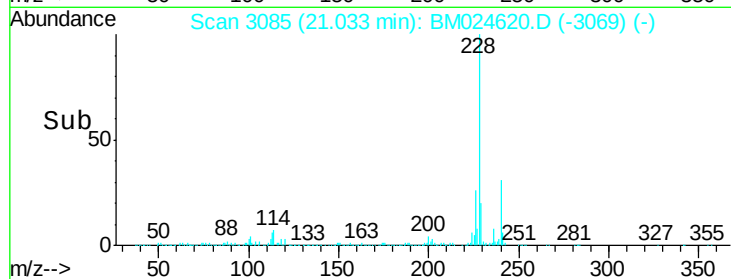
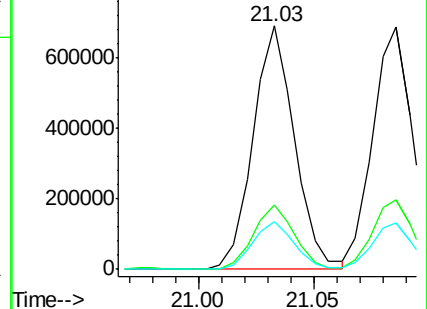
229 19.5 15.8 23.6



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: 6.852 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

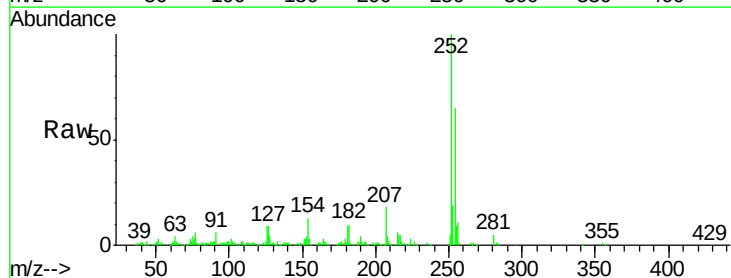
Tgt Ion:252 Resp: 273454

Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

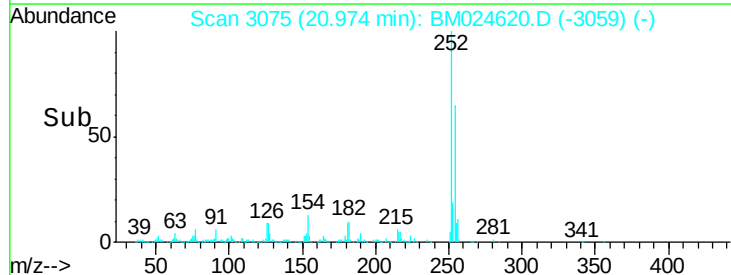
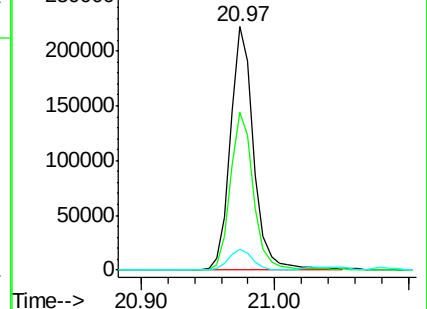
126 8.8 6.7 10.1

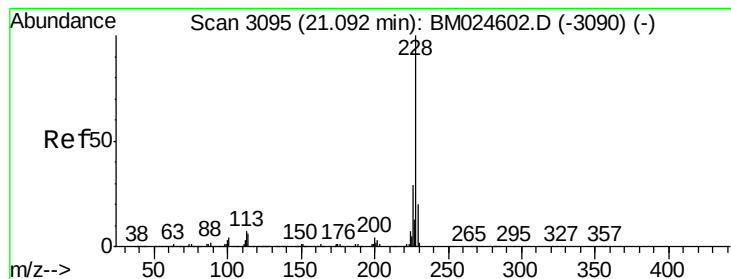


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 7.753 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

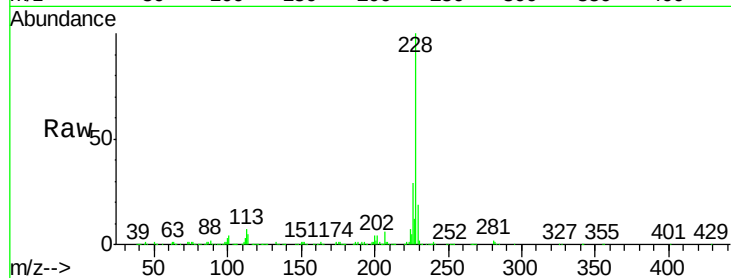
BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tot Ion:228 Resp: 820677

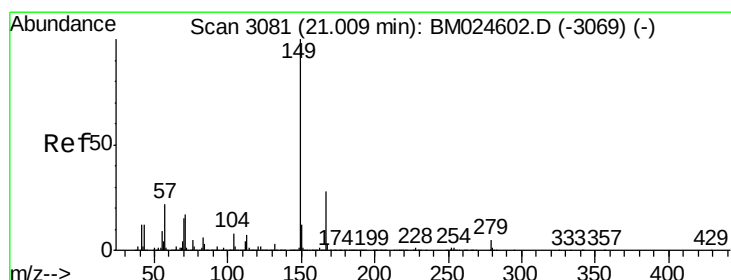
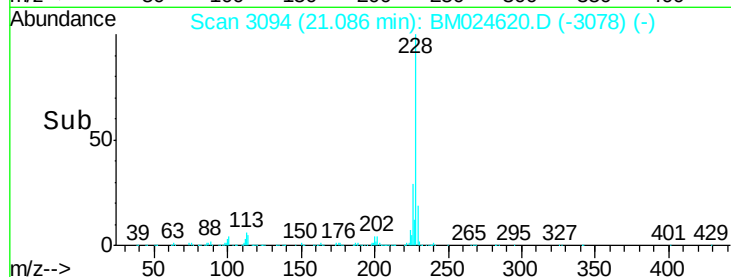
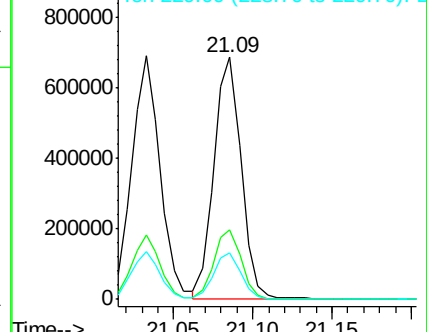
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.2	34.8
229	19.0	15.7	23.5



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: 6.751 ng

RT: 21.01 min Scan# 3081

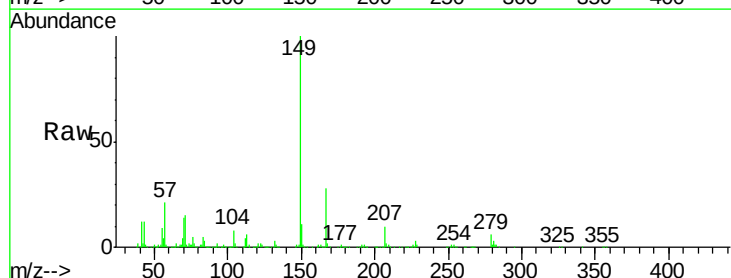
Delta R.T. -0.00 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Tgt Ion:149 Resp: 440413

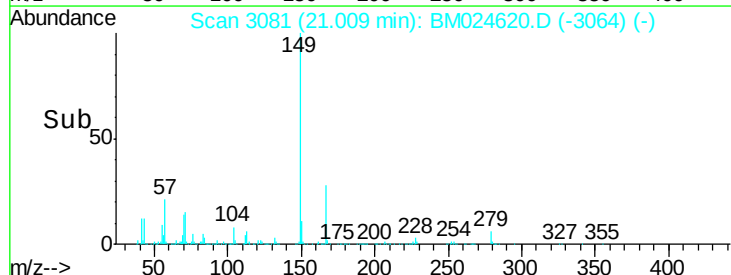
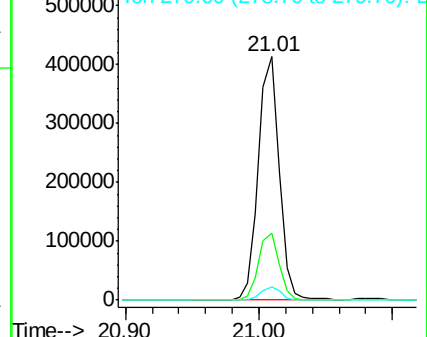
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	5.7	4.0	6.0

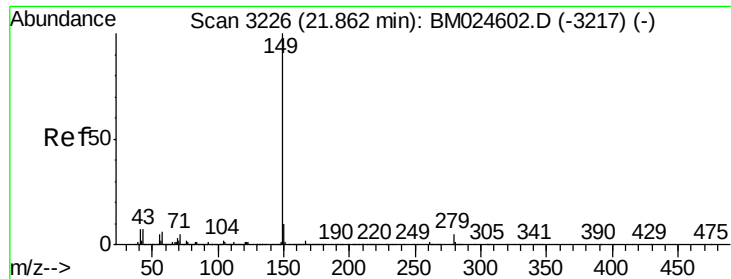


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 6.564 ng

RT: 21.86 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

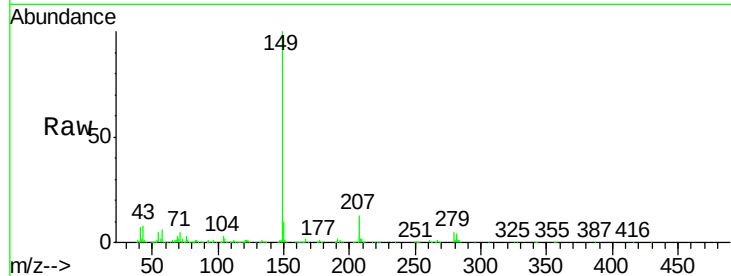
Tot Ion:149 Resp: 707529

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

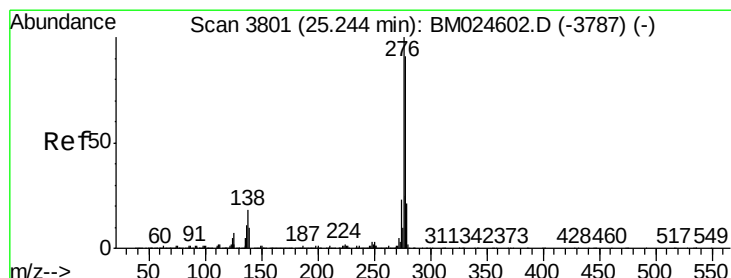
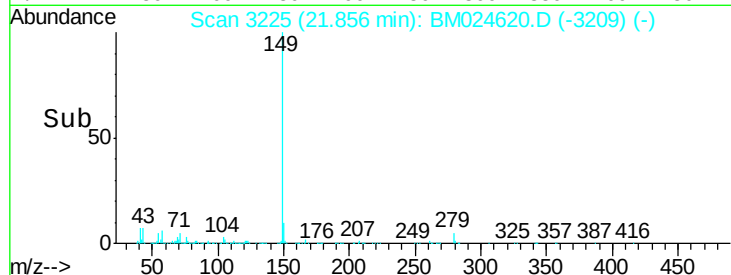
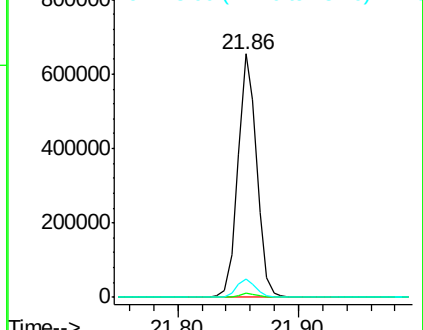
43 7.4 5.8 8.6



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: 7.229 ng

RT: 25.22 min Scan# 3797

Delta R.T. -0.02 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

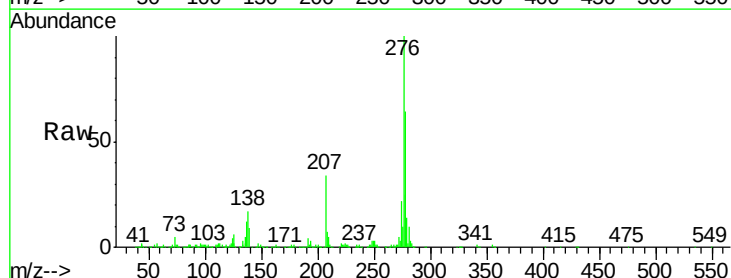
Tgt Ion:276 Resp: 834083

Ion Ratio Lower Upper

276 100

138 17.7 13.4 20.0

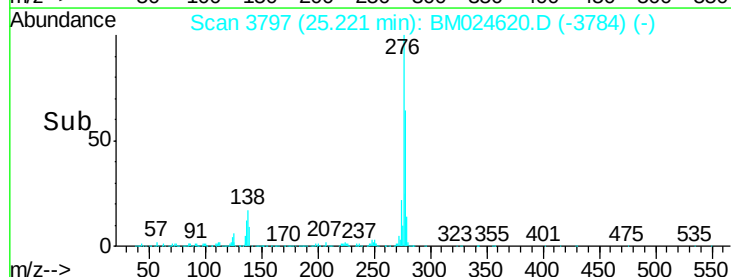
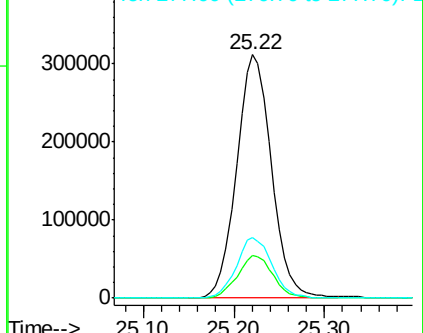
277 25.2 19.6 29.4

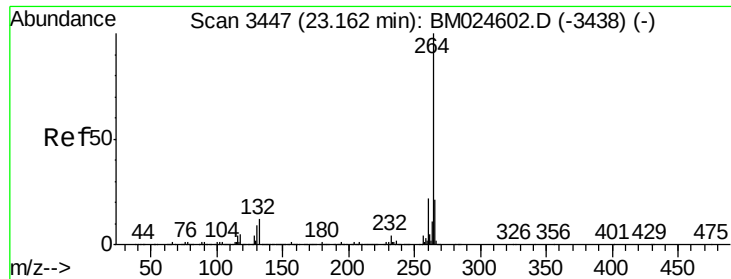


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



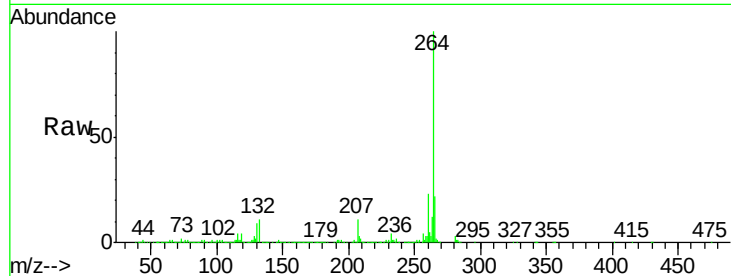


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.00 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

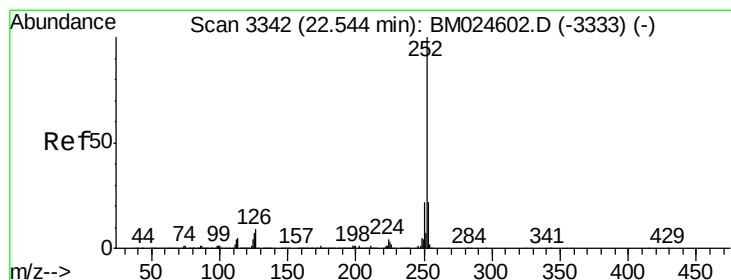
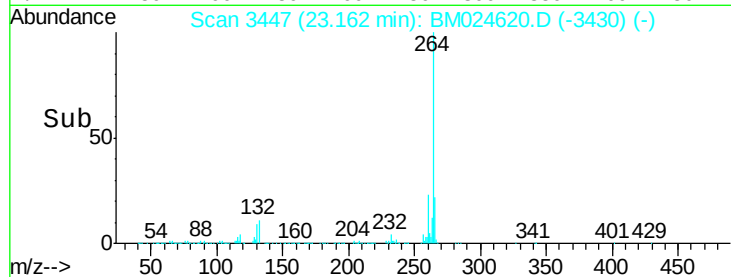
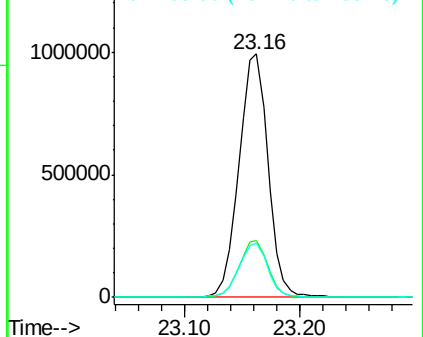
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tot Ion:264 Resp: 1737578

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	22.1	17.3	25.9



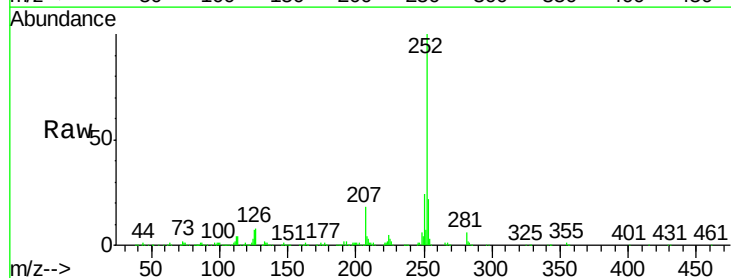
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



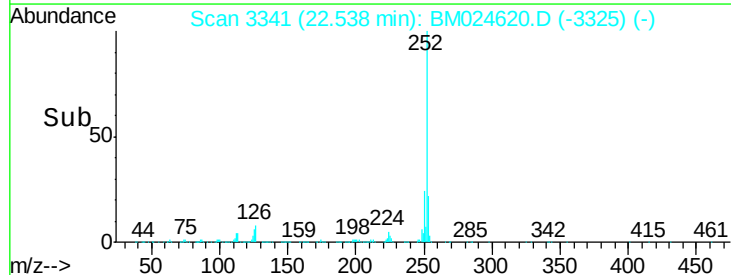
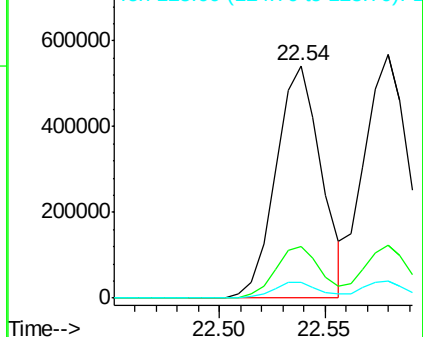
#88
Benzo(b)fluoranthene
Concen: 7.174 ng
RT: 22.54 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BM024620.D
Acq: 24 Jan 2020 14:19

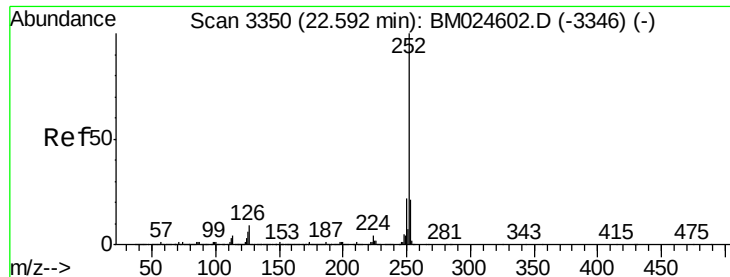
Tgt Ion:252 Resp: 808490

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.6	5.7	8.5



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: 7.653 ng

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

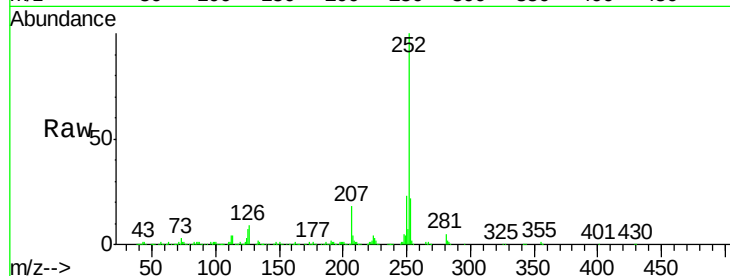
Tot Ion:252 Resp: 841818

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

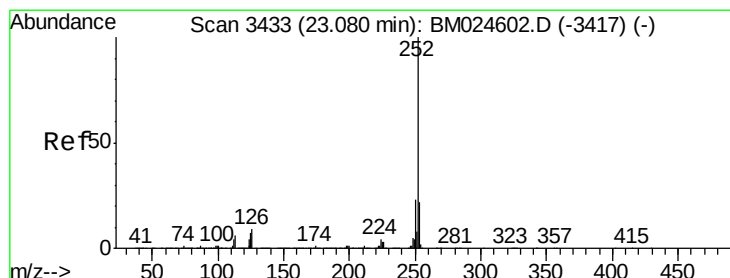
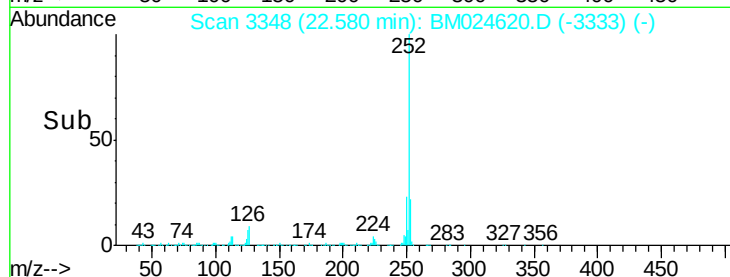
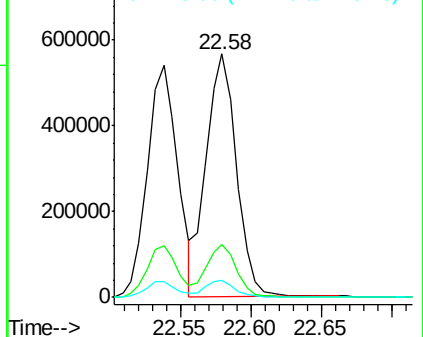
125 7.0 5.2 7.8



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: 7.244 ng

RT: 23.07 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

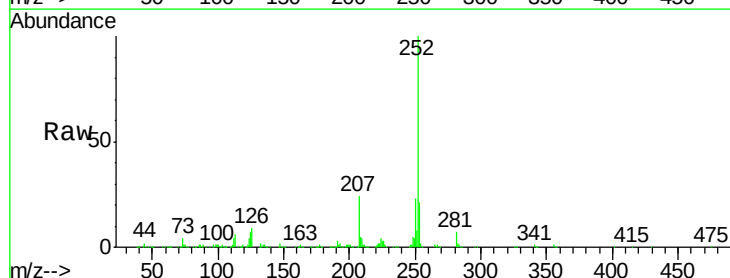
Tgt Ion:252 Resp: 742182

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

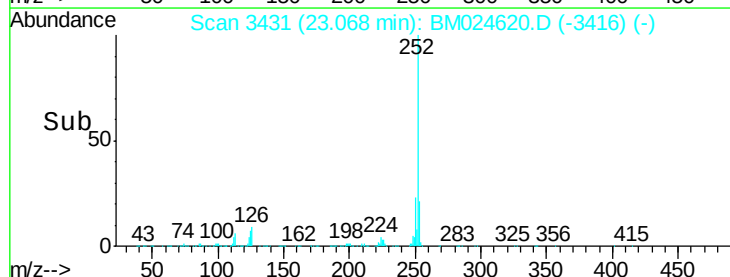
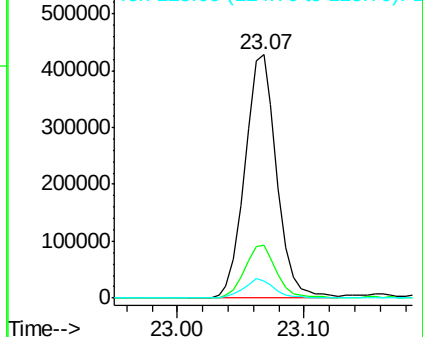
125 7.1 5.8 8.8

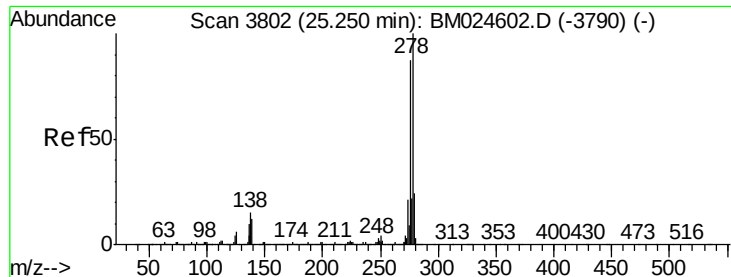


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 7.234 ng

RT: 25.23 min Scan# 3799

Delta R.T. -0.02 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

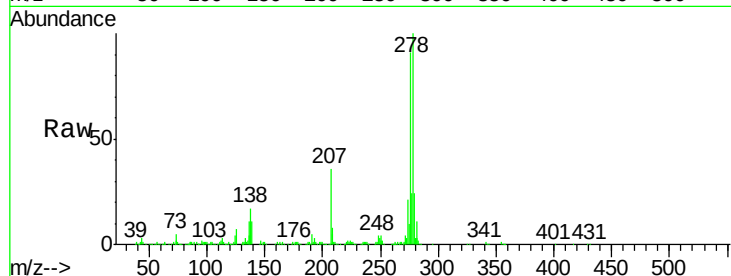
Tot Ion:278 Resp: 703520

Ion Ratio Lower Upper

278 100

139 11.4 9.3 13.9

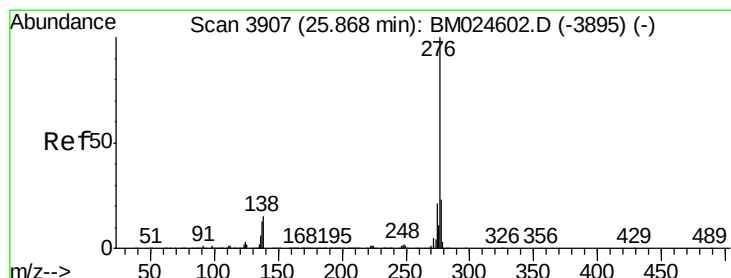
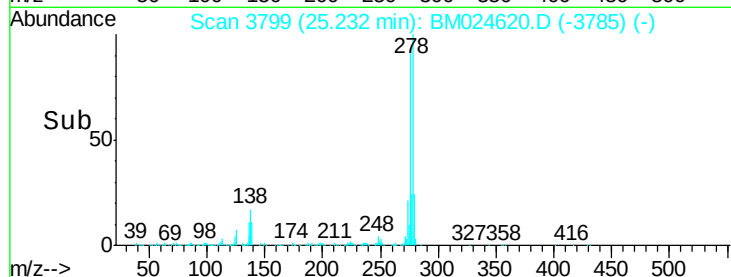
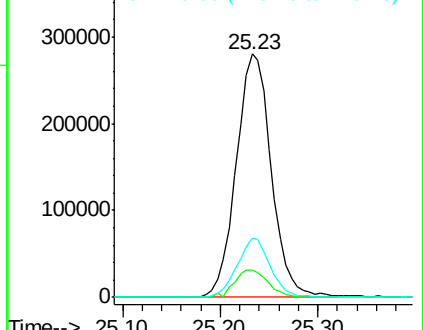
279 24.4 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 7.171 ng

RT: 25.84 min Scan# 3902

Delta R.T. -0.03 min

Lab File: BM024620.D

Acq: 24 Jan 2020 14:19

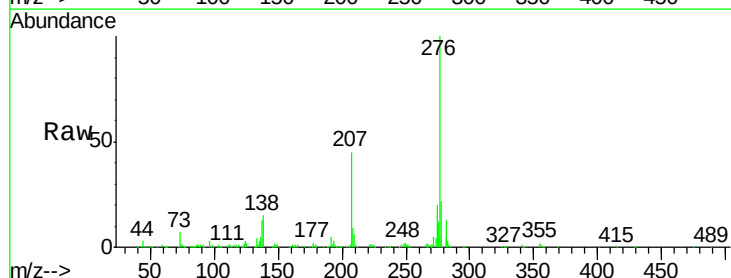
Tgt Ion:276 Resp: 633232

Ion Ratio Lower Upper

276 100

277 22.4 18.6 28.0

138 14.6 11.9 17.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

