

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
 Data File : BM015257.D
 Acq On : 23 May 2018 01:30
 Operator : SJ/JU
 Sample : J2133-09
 Misc : MDL 2 PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Manual Integrations
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Sohil
 5/23/2018 3:27:11 PM

Quant Time: May 23 14:30:24 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	206932	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	861887	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	465090	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	956391	20.00	ng	0.00
75) Chrysene-d12	21.83	240	885967	20.00	ng	0.00
86) Perylene-d12	24.27	264	872751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	1698989	134.33	ng	0.00
7) Phenol-d6	7.55	99	2187093	132.79	ng	0.00
23) Nitrobenzene-d5	9.59	82	1303877	82.87	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	827549	141.90	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	3033725	81.09	ng	0.00
78) Terphenyl-d14	20.29	244	3861943	96.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.62	88	10830	2.073	ng	Qvalue # 100
3) Pyridine	4.11	79	22058m	1.648	ng	
4) n-Nitrosodimethylamine	4.00	42	11662m	1.610	ng	
6) Aniline	7.72	93	33804	1.666	ng	99
8) 2-Chlorophenol	7.96	128	26734	1.873	ng	82
9) Benzaldehyde	7.54	77	16150	1.550	ng	# 68
10) Phenol	7.57	94	31165	1.863	ng	92
11) bis(2-Chloroethyl)ether	7.82	93	26633	2.008	ng	95
12) 1,3-Dichlorobenzene	8.29	146	32658	2.007	ng	# 94
13) 1,4-Dichlorobenzene	8.45	146	33595	2.042	ng	97
14) 1,2-Dichlorobenzene	8.76	146	32254	2.065	ng	96
15) Benzyl Alcohol	8.66	79	19311	1.621	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.93	45	42694	2.040	ng	96
17) 2-Methylphenol	8.85	107	20525	1.846	ng	# 92
18) Hexachloroethane	9.50	117	11052	1.891	ng	94
19) n-Nitroso-di-n-propylamine	9.22	70	18269	1.740	ng	# 83
20) 3+4-Methylphenols	9.18	107	26450	1.792	ng	95
22) Acetophenone	9.25	105	39096	1.891	ng	# 91
24) Nitrobenzene	9.63	77	32416	1.979	ng	93
25) Isophorone	10.16	82	42646	1.578	ng	93
26) 2-Nitrophenol	10.36	139	9503	1.293	ng	# 80
27) 2,4-Dimethylphenol	10.40	122	17300	1.298	ng	97
28) bis(2-Chloroethoxy)methane	10.63	93	30661	1.733	ng	96
29) 2,4-Dichlorophenol	10.89	162	18881	1.496	ng	98
30) 1,2,4-Trichlorobenzene	11.10	180	29052	1.953	ng	# 93
31) Naphthalene	11.29	128	87700	1.958	ng	100
32) Benzoic acid	10.46	122	11452m	1.485	ng	
33) 4-Chloroaniline	11.40	127	28375	1.587	ng	# 90
34) Hexachlorobutadiene	11.56	225	17959	2.031	ng	92
35) Caprolactam	12.16	113	3882	1.087	ng	# 74
36) 4-Chloro-3-methylphenol	12.49	107	19201	1.489	ng	97
37) 2-Methylnaphthalene	12.87	142	57580	1.855	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	30841	1.883	ng	# 100
40) Hexachlorocyclopentadiene	13.20	237	6580	5.846	ng	95

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Instrument :
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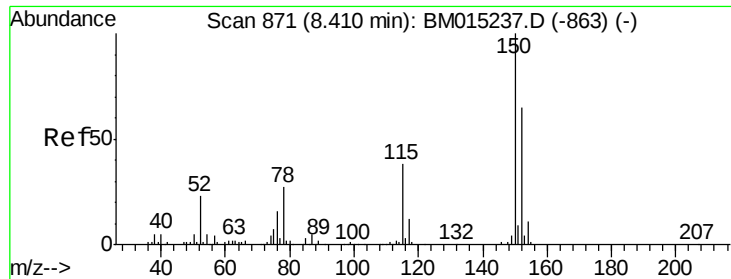
Manual Integrations
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Quant Time: May 23 14:30:24 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	13523	1.374	ng	95
43) 2,4,5-Trichlorophenol	13.55	196	16476	1.550	ng	# 92
45) 1,1'-Biphenyl	13.86	154	86234	2.119	ng	99
46) 2-Chloronaphthalene	13.91	162	60103	1.919	ng	# 93
47) 2-Nitroaniline	14.11	65	10976	1.230	ng	# 79
48) Acenaphthylene	14.75	152	79388	1.707	ng	99
49) Dimethylphthalate	14.46	163	70593	1.902	ng	# 97
50) 2,6-Dinitrotoluene	14.59	165	11035	1.425	ng	97
51) Acenaphthene	15.08	154	57559	1.986	ng	100
52) 3-Nitroaniline	14.93	138	9475	1.162	ng	# 80
53) 2,4-Dinitrophenol	15.15	184	2474	7.036	ng	# 74
54) Dibenzofuran	15.41	168	87138	1.907	ng	94
55) 4-Nitrophenol	15.22	139	5228	0.791	ng	# 53
56) 2,4-Dinitrotoluene	15.37	165	11535	1.088	ng	# 89
57) Fluorene	16.05	166	66362	1.838	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	12227	1.341	ng	# 100
59) Diethylphthalate	15.80	149	66868	1.828	ng	98
60) 4-Chlorophenyl-phenylether	16.03	204	35845	1.949	ng	95
61) 4-Nitroaniline	16.07	138	8585	1.007	ng	79
62) Azobenzene	16.33	77	52482	1.510	ng	90
64) 4,6-Dinitro-2-methylphenol	16.13	198	4831	0.915	ng	76
65) n-Nitrosodiphenylamine	16.24	169	52871	1.720	ng	96
66) 4-Bromophenyl-phenylether	16.92	248	19414	1.817	ng	# 87
67) Hexachlorobenzene	17.04	284	23853	1.938	ng	# 87
68) Atrazine	17.17	200	10158	1.042	ng	90
69) Pentachlorophenol	17.39	266	8013	1.170	ng	95
70) Phenanthrene	17.77	178	104732	1.923	ng	99
71) Anthracene	17.87	178	89652	1.651	ng	98
72) Carbazole	18.13	167	80637	1.677	ng	98
73) Di-n-butylphthalate	18.65	149	82666	1.461	ng	# 98
74) Fluoranthene	19.75	202	102926	1.723	ng	98
76) Benzidine	19.92	184	24102	0.869	ng	96
77) Pyrene	20.11	202	107323	1.919	ng	100
79) Butylbenzylphthalate	20.95	149	33180	1.453	ng	90
80) Benzo(a)anthracene	21.82	228	105133	1.883	ng	99
81) 3,3'-Dichlorobenzidine	21.74	252	32986	1.596	ng	93
82) Chrysene	21.87	228	104829	1.994	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	48300	1.454	ng	98
84) Di-n-octyl phthalate	22.63	149	70026	1.206	ng	# 91
85) Indeno(1,2,3-cd)pyrene	26.79	276	109553	1.722	ng	# 90
87) Benzo(b)fluoranthene	23.53	252	102121	1.849	ng	99
88) Benzo(k)fluoranthene	23.57	252	95854	1.835	ng	95
89) Benzo(a)pyrene	24.16	252	86066	1.671	ng	# 98
90) Dibenzo(a,h)anthracene	26.80	278	93982	1.788	ng	96
91) Benzo(g,h,i)perylene	27.56	276	89893	1.756	ng	97

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



#1

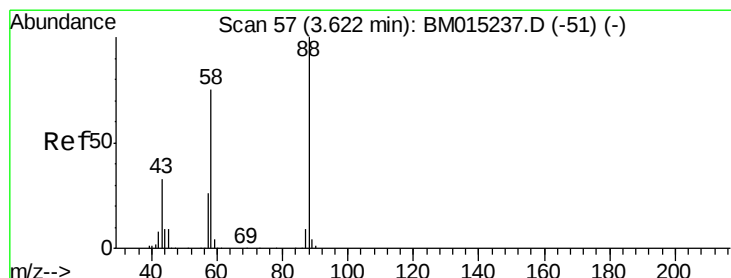
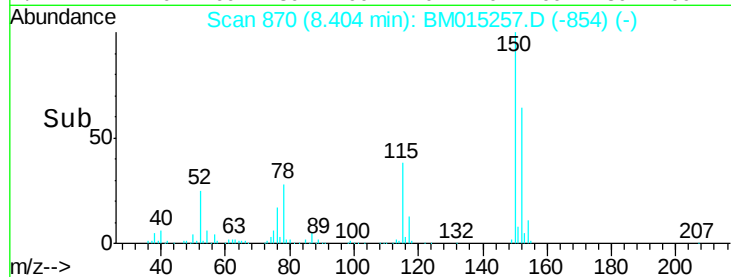
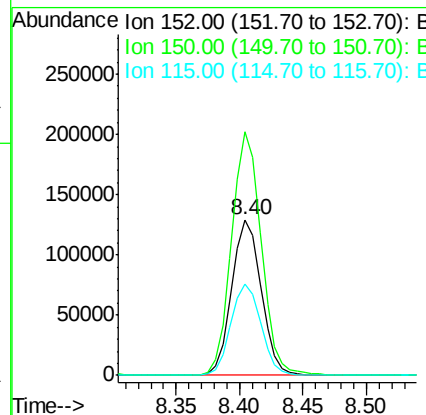
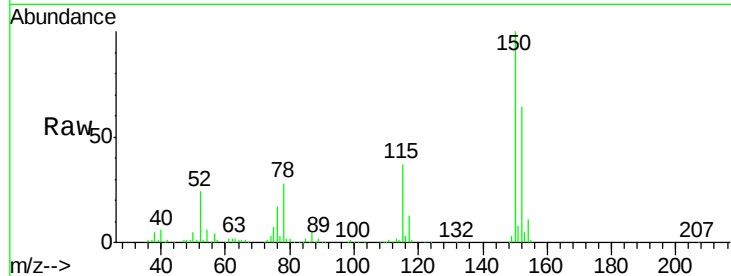
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	119.5	179.3
115	58.6	43.0	64.4

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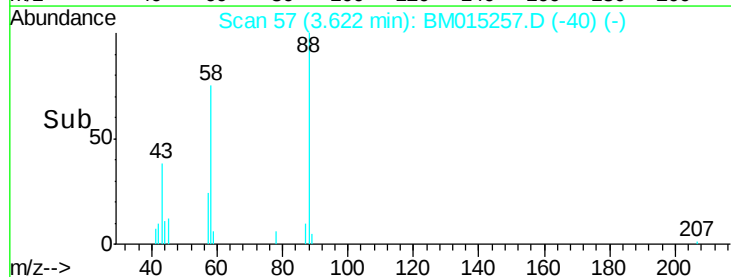
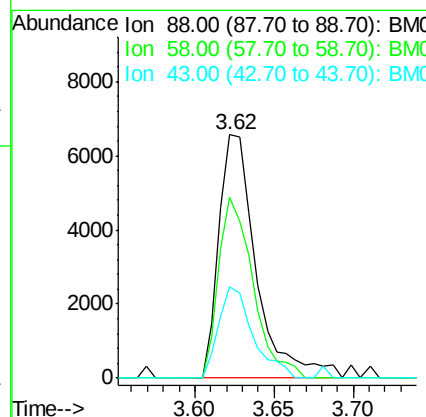
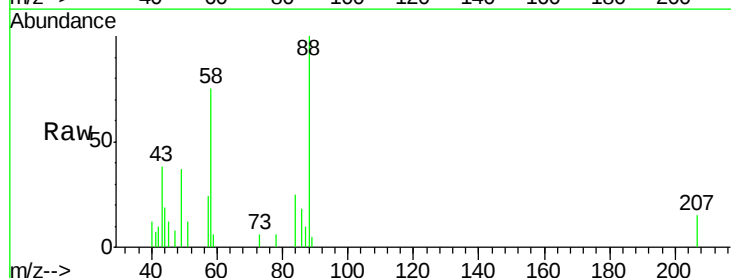
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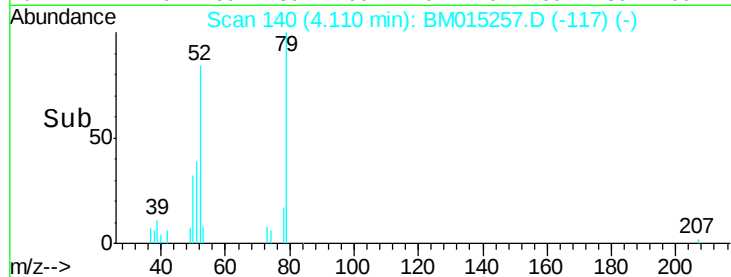
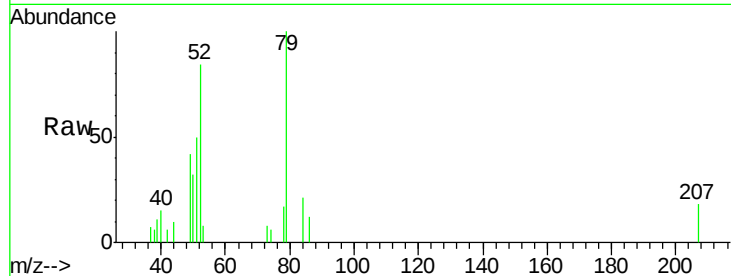
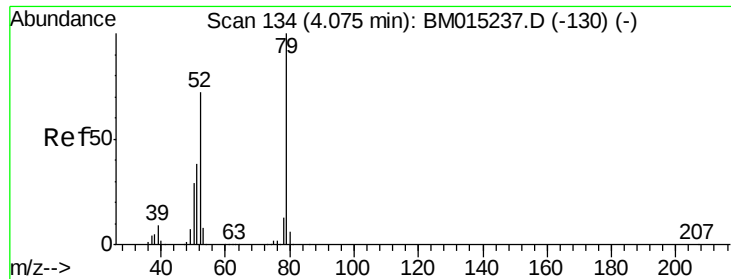


#2

1,4-Dioxane
Concen: 2.073 ng
RT: 3.62 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	0.0	0.0#
43	34.5	0.0	0.0#





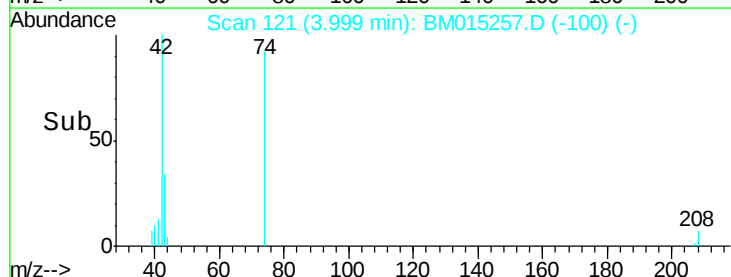
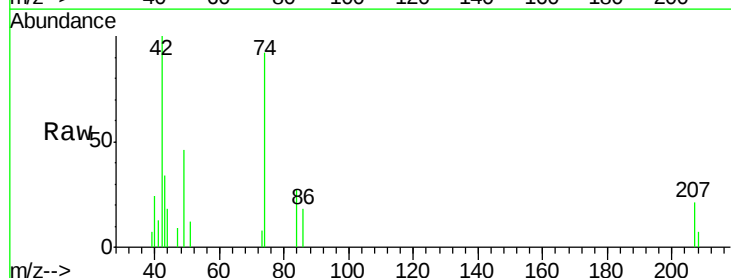
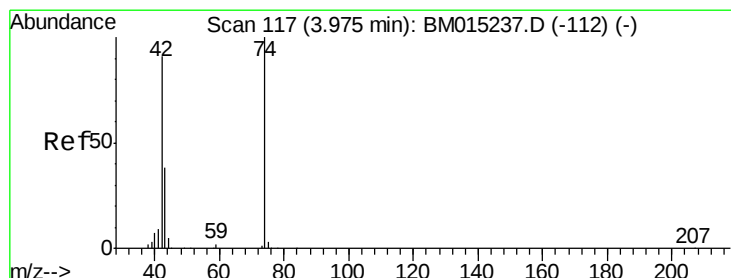
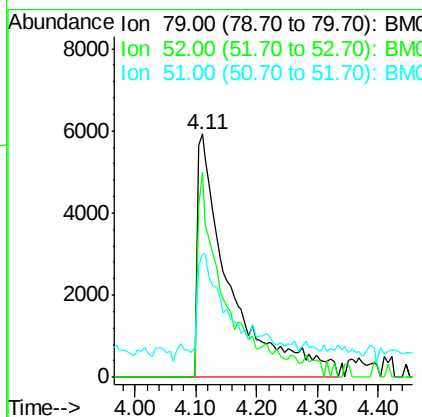
#3
 Pyridine
 Concen: 1.648 ng m
 RT: 4.11 min Scan# 140
 Delta R.T. 0.04 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	22058		
52	84.5	51.1	76.7#	
51	50.4	26.1	39.1#	

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

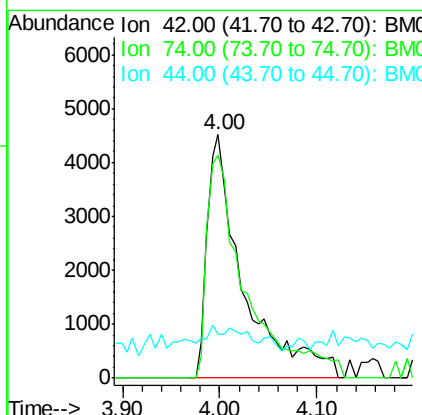
Manual Integrations
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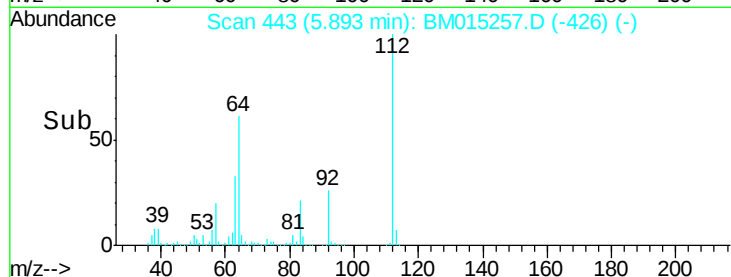
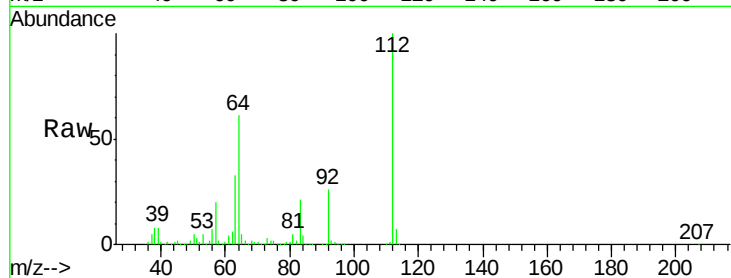
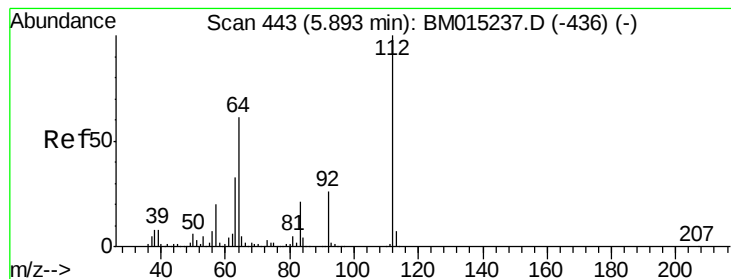
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#4
 n-Nitrosodimethylamine
 Concen: 1.610 ng m
 RT: 4.00 min Scan# 121
 Delta R.T. 0.02 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	11662		
74	91.6	119.3	178.9#	
44	18.1	5.4	8.2#	





#5

2-Fluorophenol

Concen: 134.328 ng

RT: 5.89 min Scan# 443

Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion: 112 Resp: 1698989

Ion Ratio Lower Upper

112 100

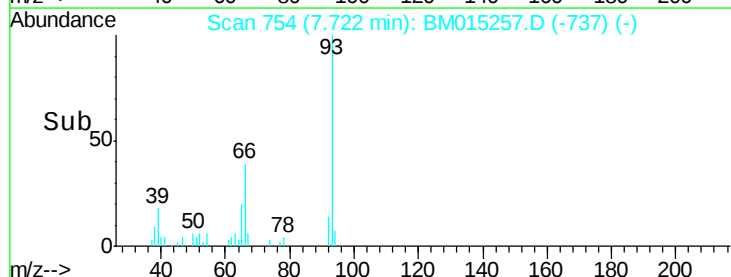
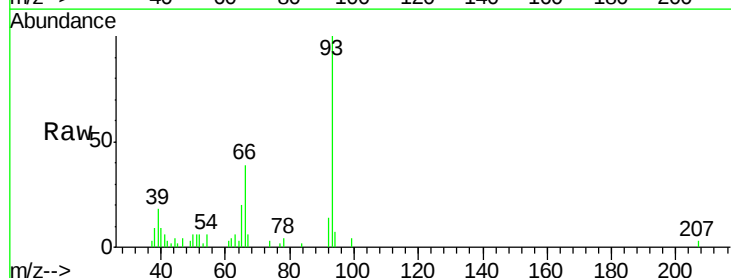
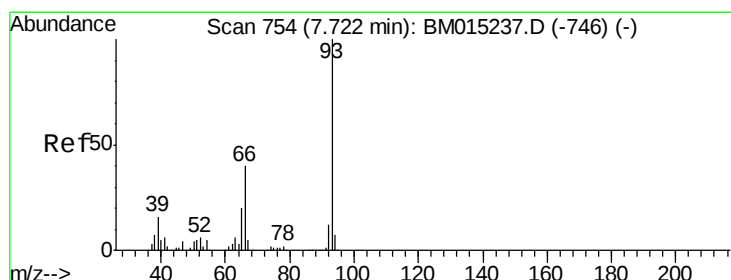
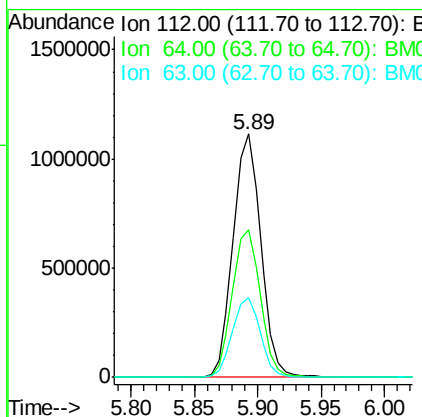
64 60.5 38.6 57.8#

63 32.9 19.3 28.9#

Manual Integrations
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#6

Aniline

Concen: 1.666 ng

RT: 7.72 min Scan# 754

Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

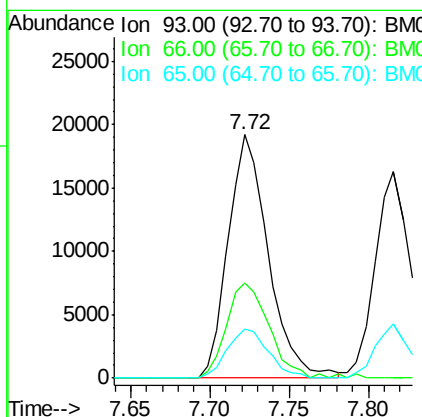
Tgt Ion: 93 Resp: 33804

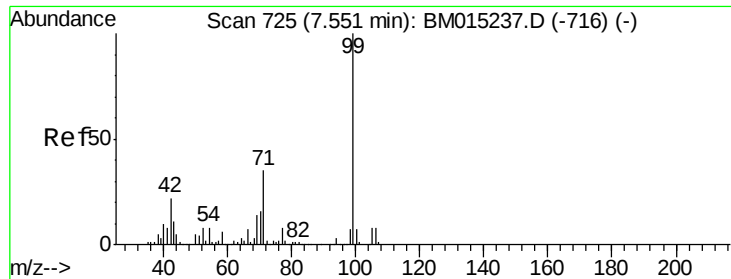
Ion Ratio Lower Upper

93 100

66 38.9 30.8 46.2

65 20.2 16.0 24.0





#7

Phenol-d6

Concen: 132.791 ng

RT: 7.55 min Scan# 724

Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion: 99 Resp: 2187093

Ion Ratio Lower Upper

99 100

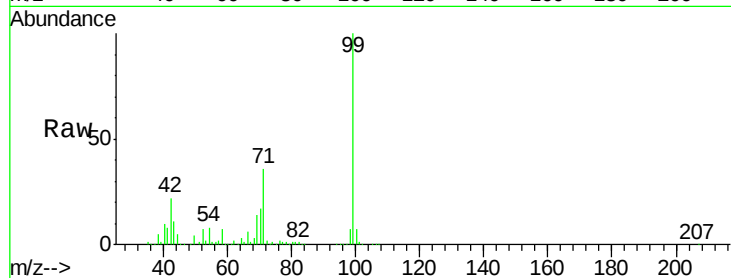
42 22.5 11.0 16.4#

71 36.3 23.4 35.2#

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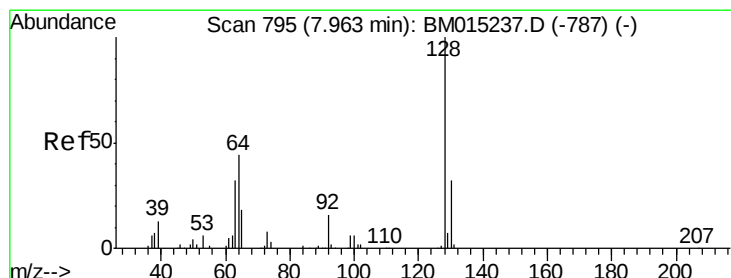
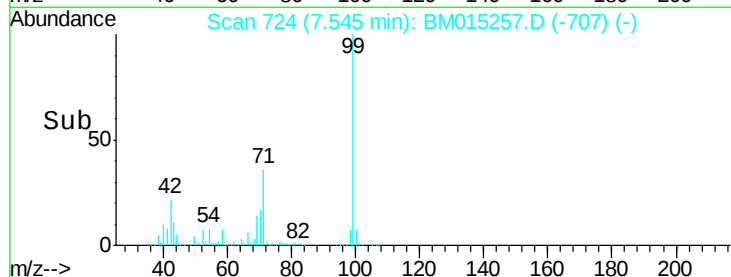
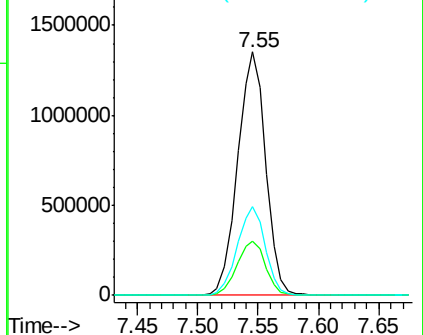
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Abundance Ion 99.00 (98.70 to 99.70): BM015257.D (-707) (-)

Ion 42.00 (41.70 to 42.70): BM015257.D (-707) (-)

Ion 71.00 (70.70 to 71.70): BM015257.D (-707) (-)



#8

2-Chlorophenol

Concen: 1.873 ng

RT: 7.96 min Scan# 794

Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

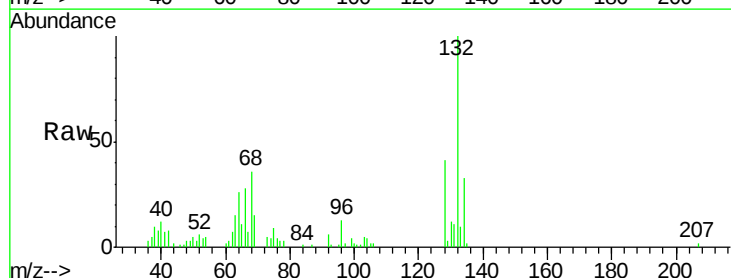
Tgt Ion: 128 Resp: 26734

Ion Ratio Lower Upper

128 100

130 30.0 12.0 52.0

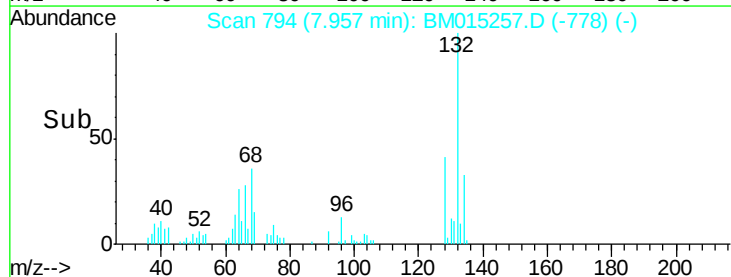
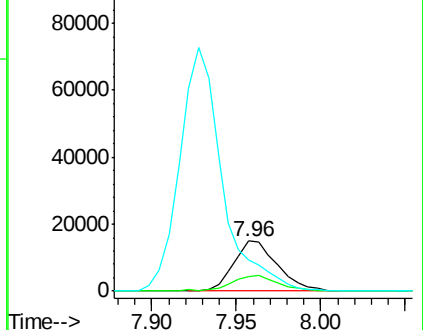
64 63.8 24.9 64.9

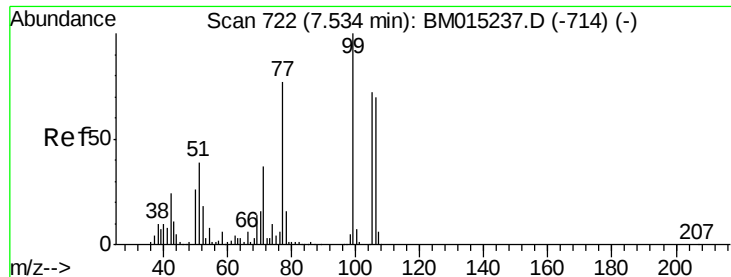


Abundance Ion 128.00 (127.70 to 128.70): BM015257.D (-778) (-)

Ion 130.00 (129.70 to 130.70): BM015257.D (-778) (-)

Ion 64.00 (63.70 to 64.70): BM015257.D (-778) (-)





#9

Benzaldehyde

Concen: 1.550 ng

RT: 7.54 min Scan# 723

Delta R.T. 0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

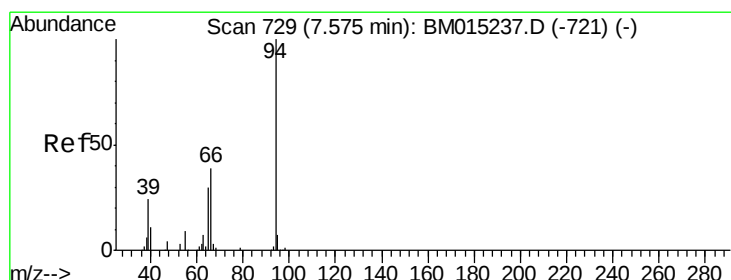
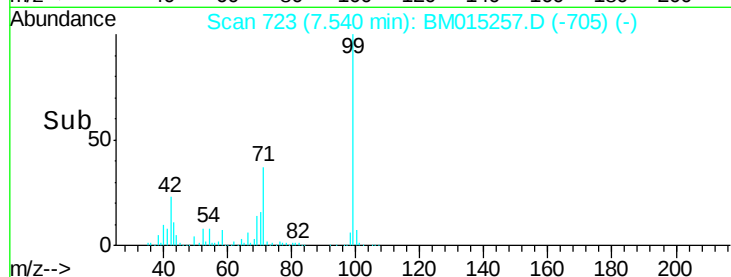
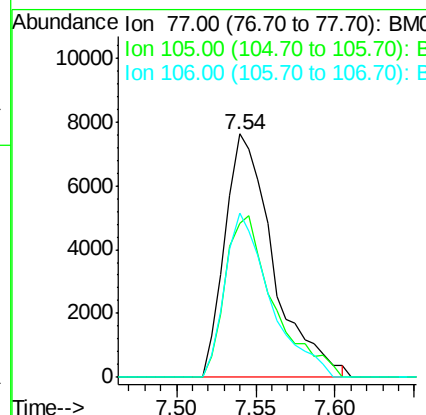
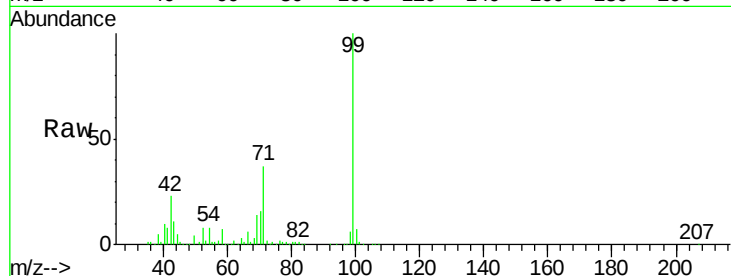
ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Lower	Upper
77	100		
105	63.1	78.8	118.8#
106	67.3	73.7	113.7#

Manual Integrations
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#10

Phenol

Concen: 1.863 ng

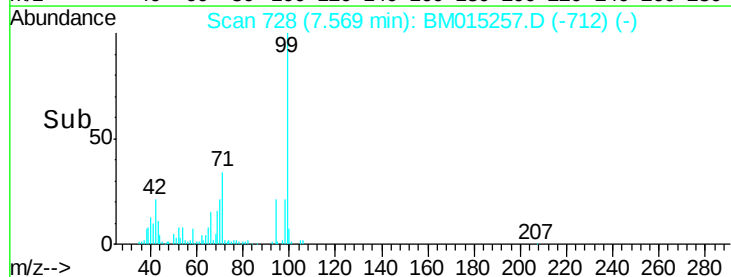
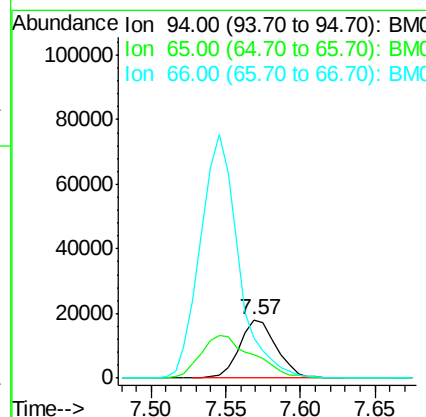
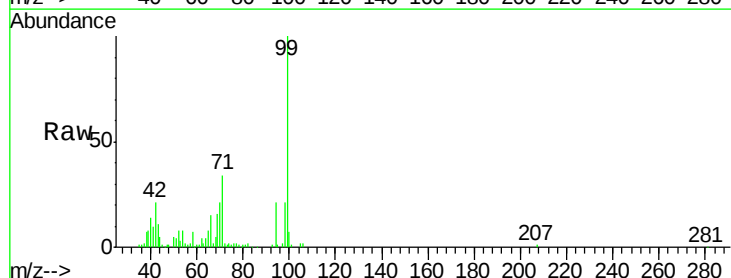
RT: 7.57 min Scan# 728

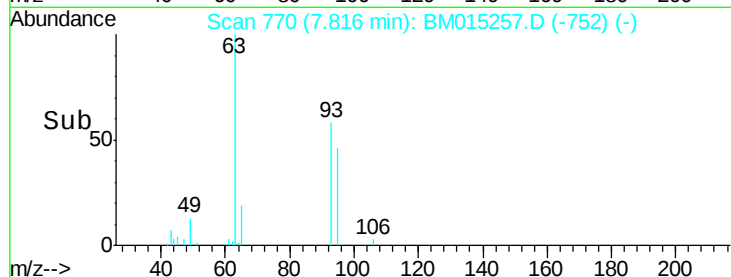
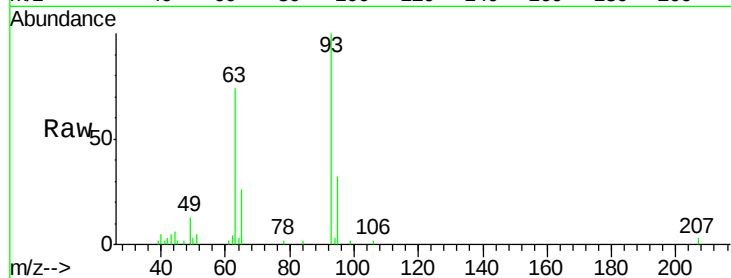
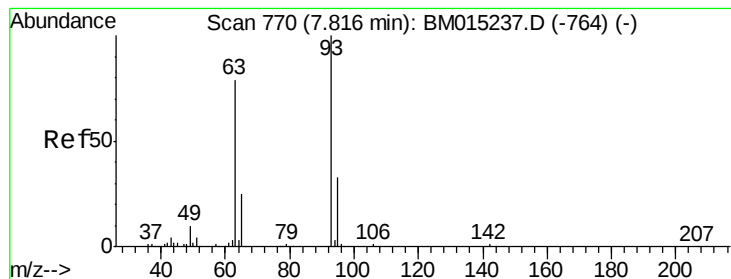
Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.8	18.8	58.8
66	68.6	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 2.008 ng

RT: 7.82 min Scan# 770

Delta R.T. 0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion:	93	Resp:	26633
Ion	Ratio	Lower	Upper
93	100		
63	73.8	49.5	89.5
95	31.8	13.5	53.5

Instrument :

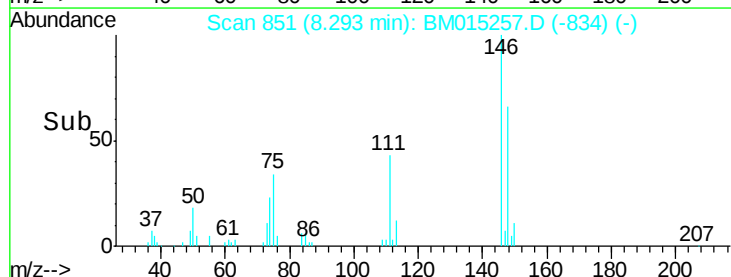
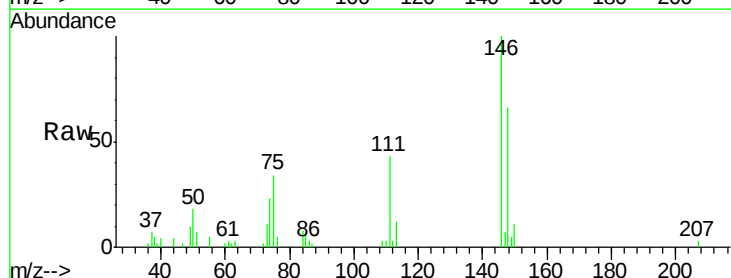
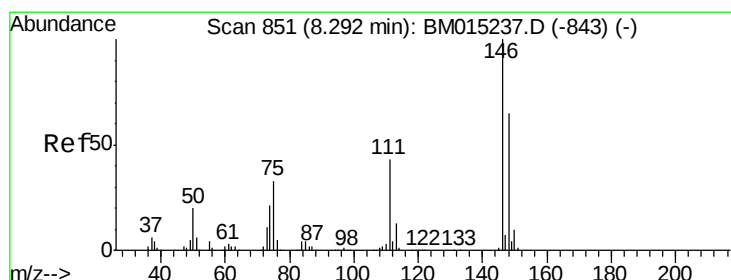
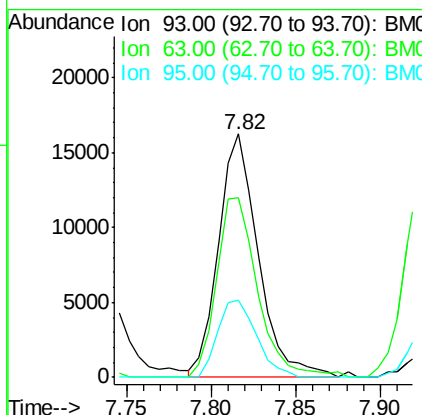
BNA_M

ClientSampleId :

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#12

1,3-Dichlorobenzene

Concen: 2.007 ng

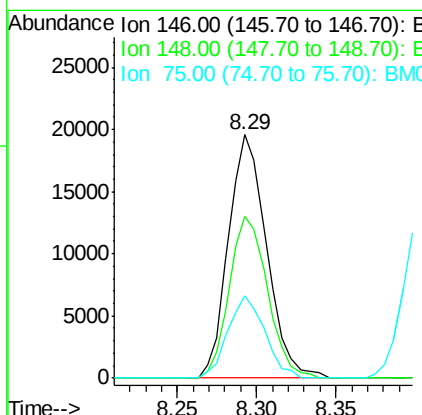
RT: 8.29 min Scan# 851

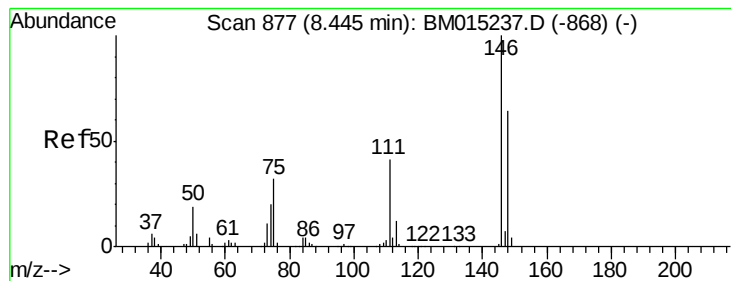
Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion:	146	Resp:	32658
Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.9	76.3
75	33.9	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 2.042 ng

RT: 8.45 min Scan# 877

Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

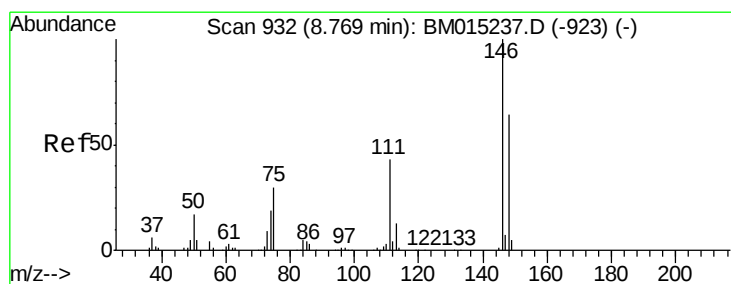
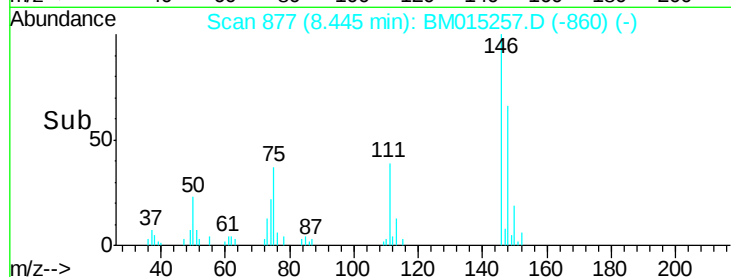
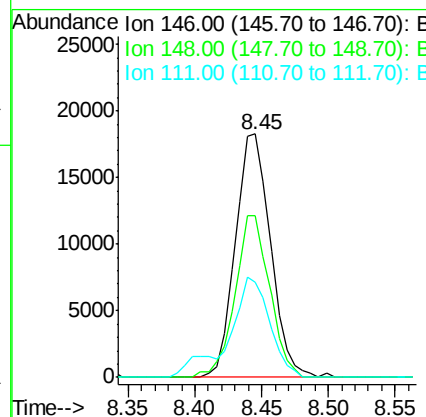
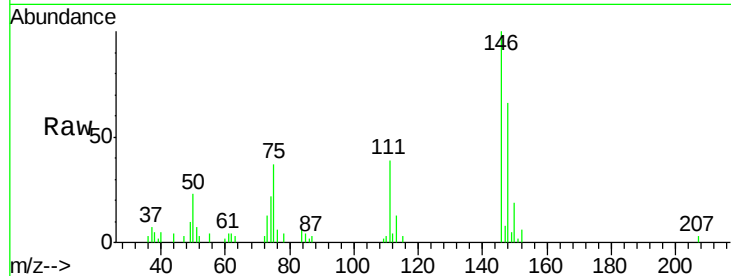
ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion:	146	Resp:	33595
Ion Ratio	Lower	Upper	
146	100		
148	66.3	51.9	77.9
111	39.1	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 2.065 ng

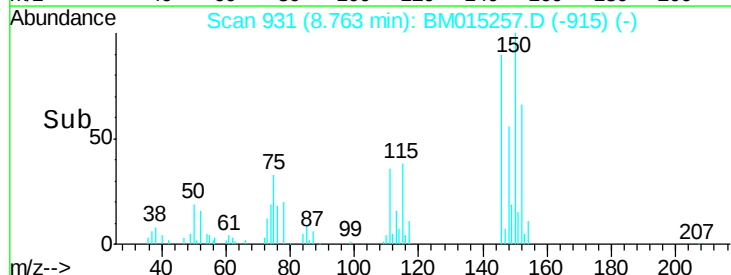
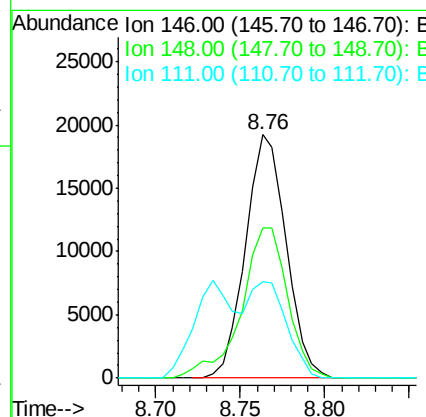
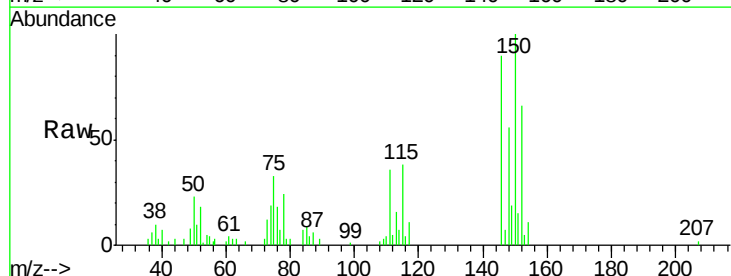
RT: 8.76 min Scan# 931

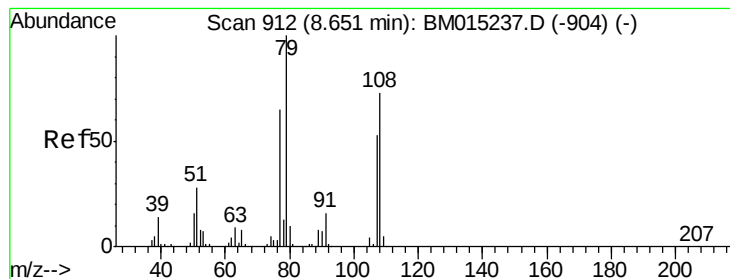
Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion:	146	Resp:	32254
Ion Ratio	Lower	Upper	
146	100		
148	61.6	52.3	78.5
111	39.8	30.6	45.8





#15

Benzyl Alcohol

Concen: 1.621 ng

RT: 8.66 min Scan# 913

Delta R.T. 0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

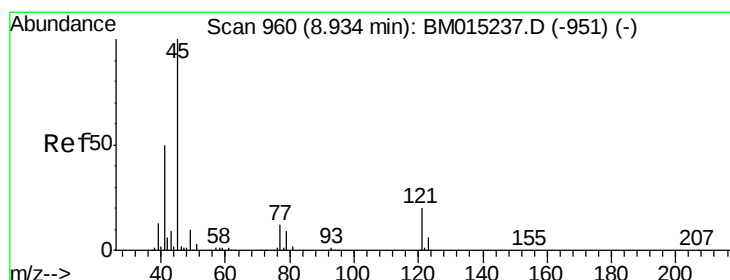
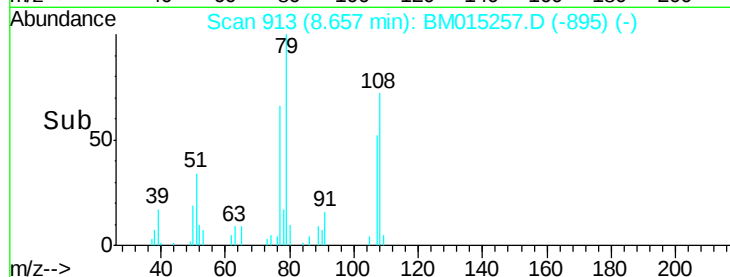
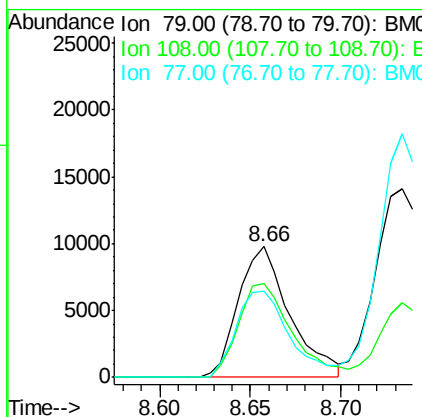
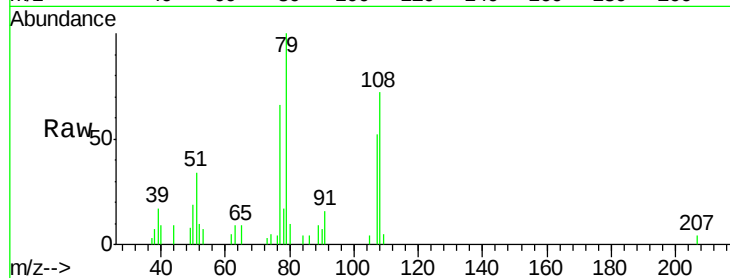
ClientSampleId :

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Tgt Ion:	79	Resp:	19311
Ion Ratio	Lower	Upper	
79	100		
108	72.2	65.0	97.4
77	66.0	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.040 ng

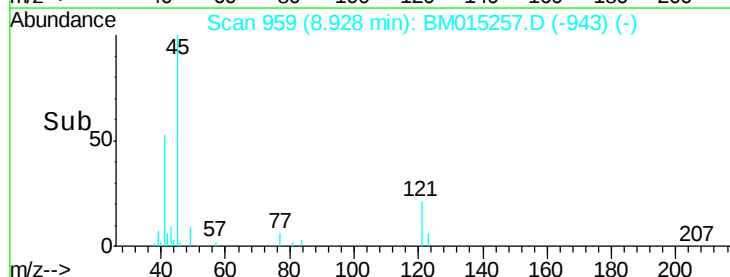
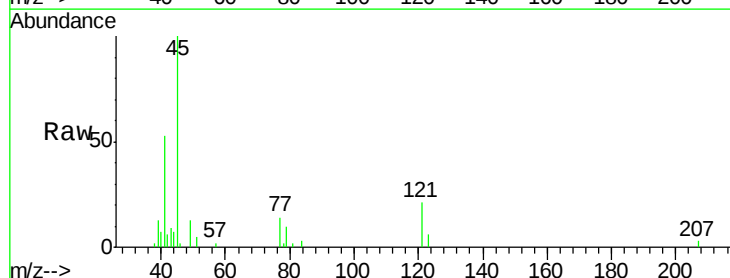
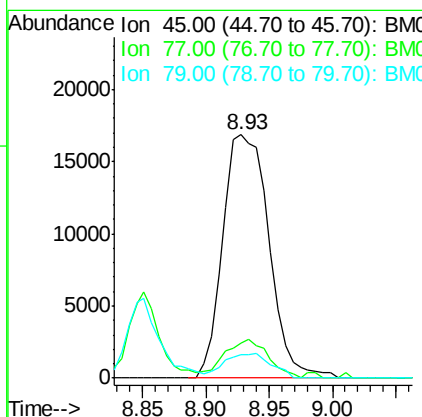
RT: 8.93 min Scan# 959

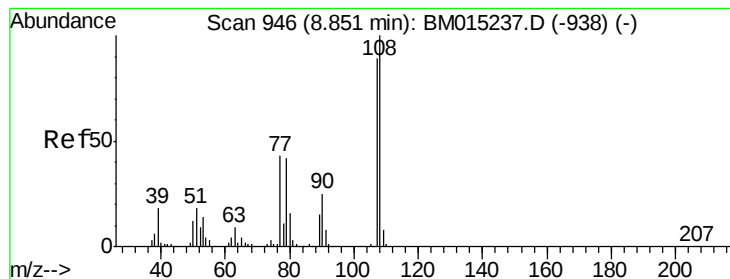
Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion:	45	Resp:	42694
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	35.2
79	9.7	0.0	32.0





#17

2-Methylphenol

Concen: 1.846 ng

RT: 8.85 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

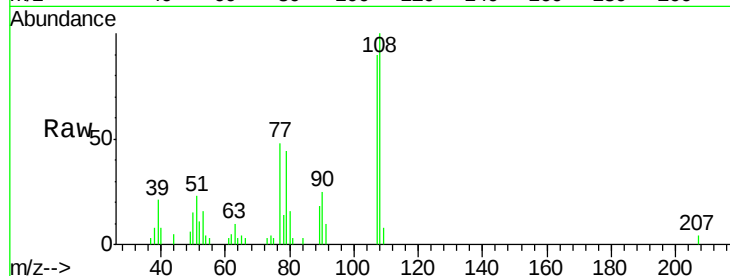
ClientSampleId :

MDL-WATER-03-QT2-2018

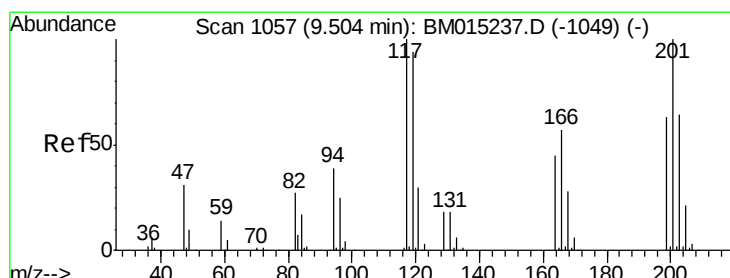
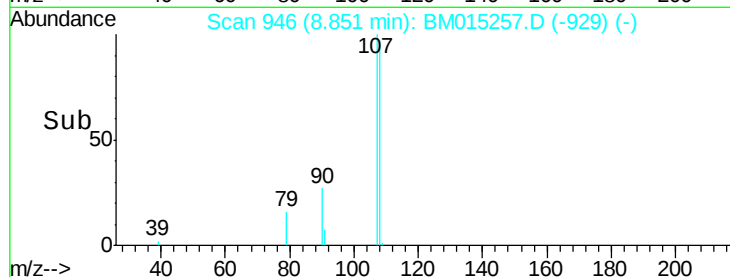
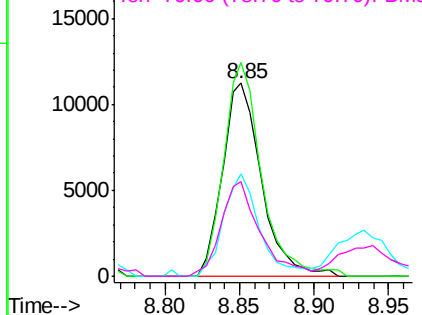
Tgt Ion:	107	Resp:	20525
Ion Ratio	Lower	Upper	
107	100		
108	110.6	89.8	134.8
77	52.9	32.6	48.8
79	48.9	32.8	49.2

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



#18

Hexachloroethane

Concen: 1.891 ng

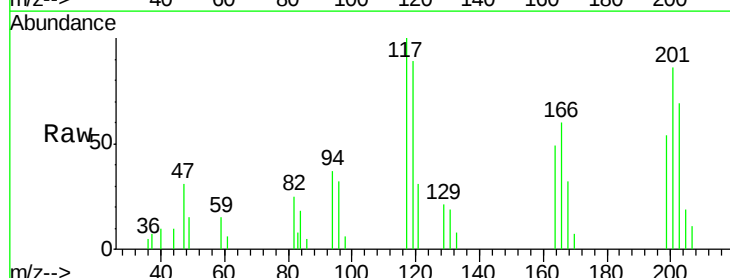
RT: 9.50 min Scan# 1057

Delta R.T. 0.00 min

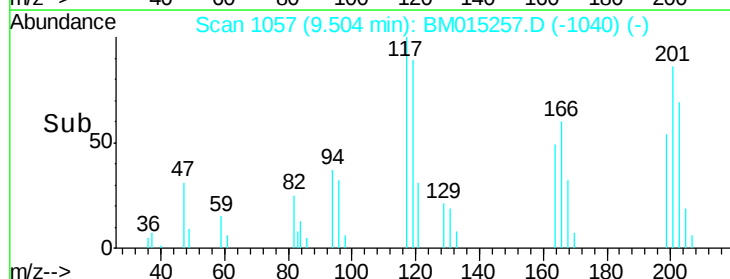
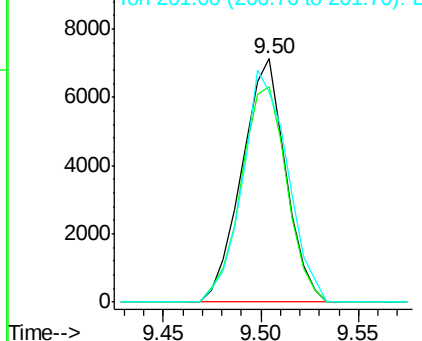
Lab File: BM015257.D

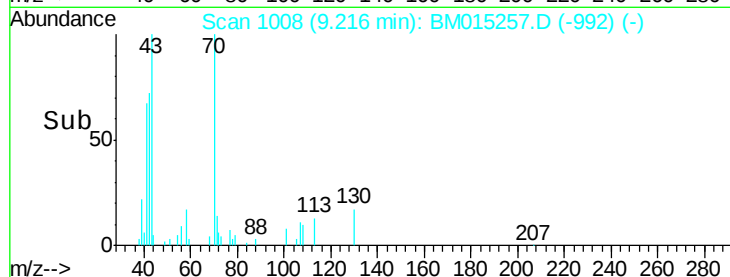
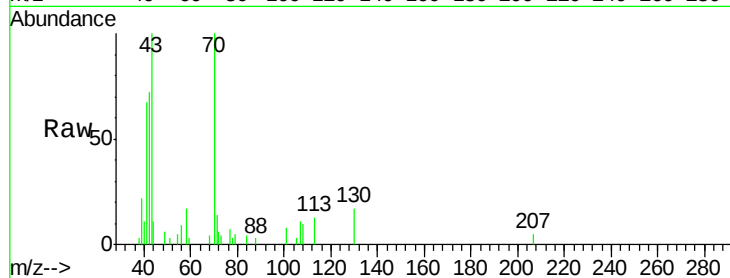
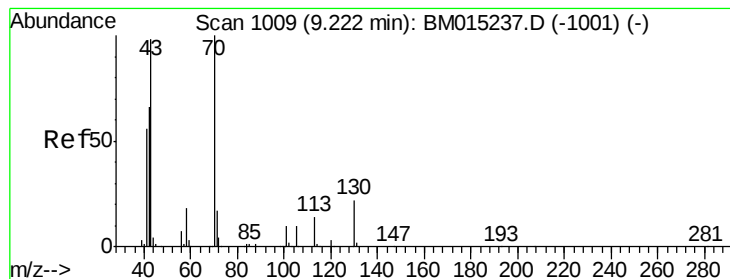
Acq: 23 May 2018 01:30

Tgt Ion:	117	Resp:	11052
Ion Ratio	Lower	Upper	
117	100		
119	88.5	79.2	118.8
201	86.4	69.8	104.6



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: 1.740 ng

RT: 9.22 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

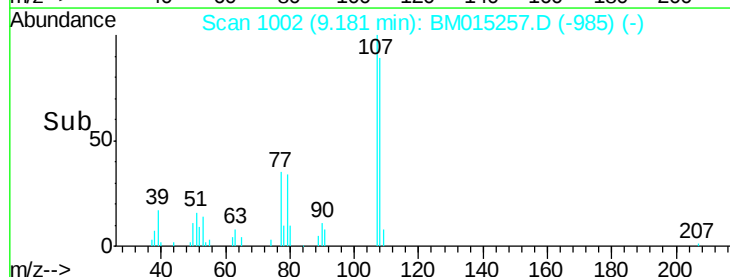
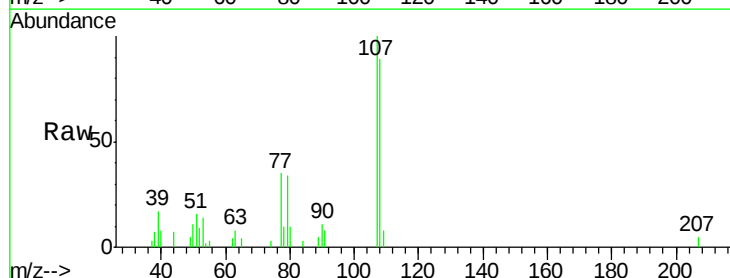
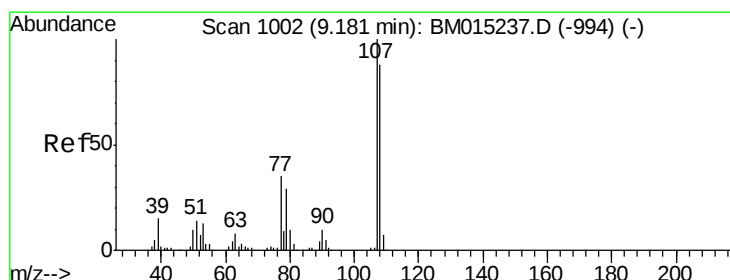
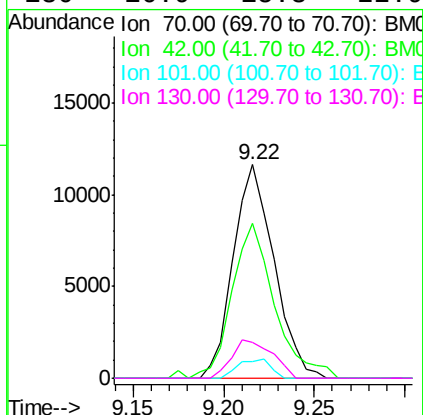
ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion:	70	Resp:	18269
Ion Ratio	Lower	Upper	
70	100		
42	72.6	44.5	66.7#
101	7.6	7.4	11.2
130	16.9	15.3	22.9

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#20

3+4-Methylphenols

Concen: 1.792 ng

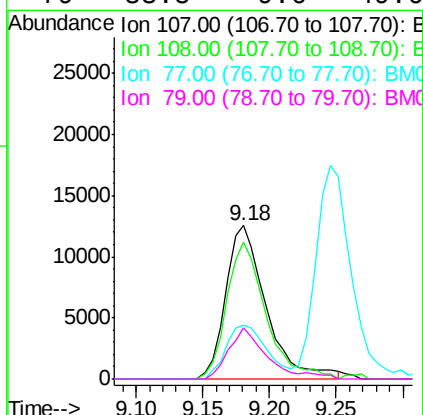
RT: 9.18 min Scan# 1002

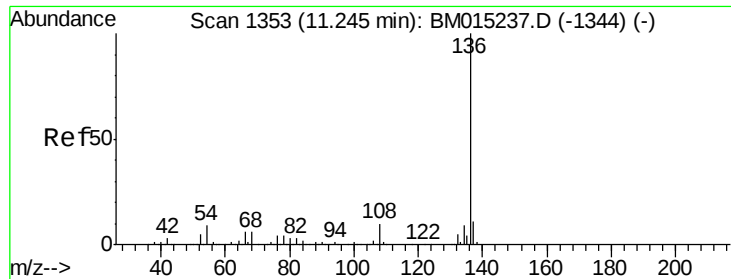
Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion:	107	Resp:	26450
Ion Ratio	Lower	Upper	
107	100		
108	89.2	73.2	113.2
77	34.9	10.7	50.7
79	33.5	9.6	49.6





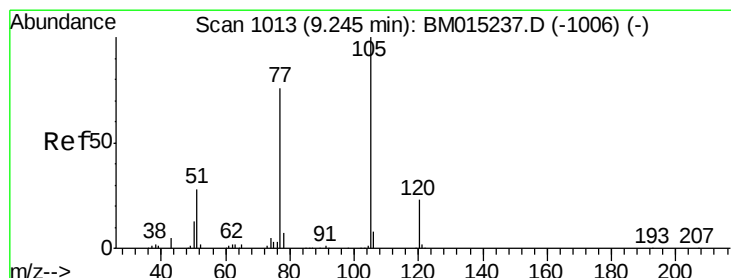
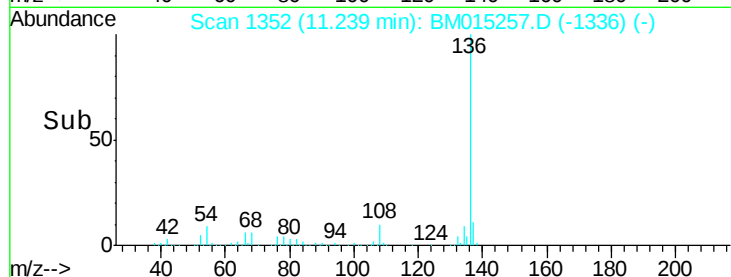
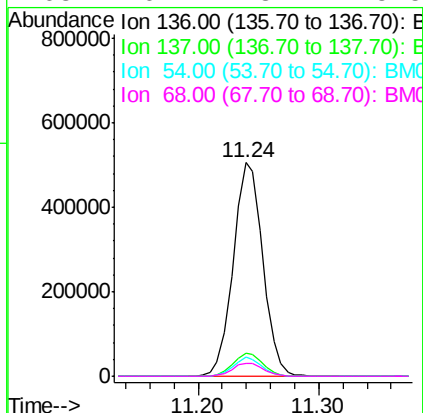
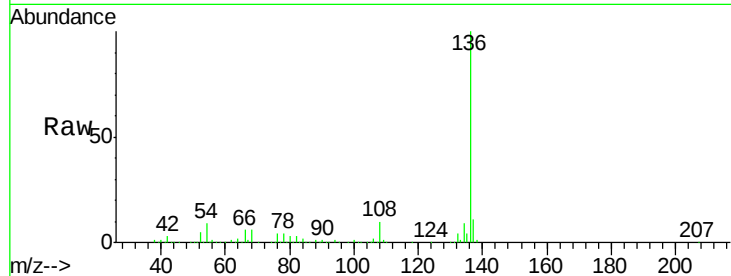
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	861887		
137	11.1	8.7	13.1	
54	8.8	4.6	6.8#	
68	6.1	3.7	5.5#	

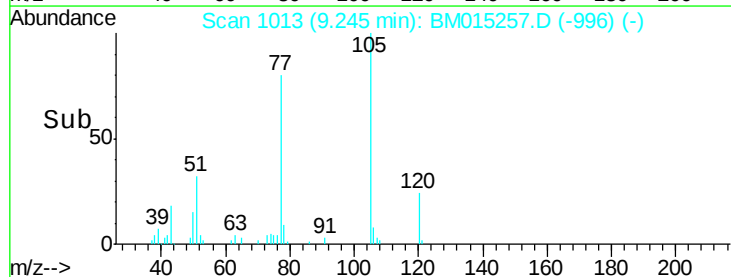
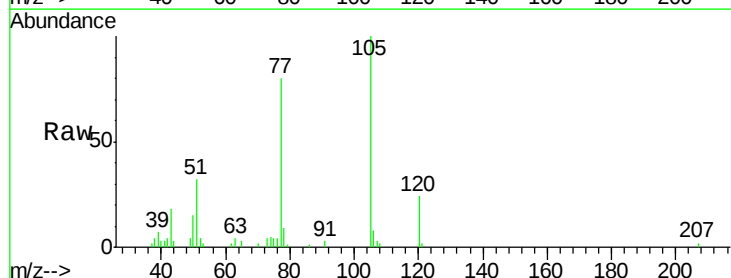
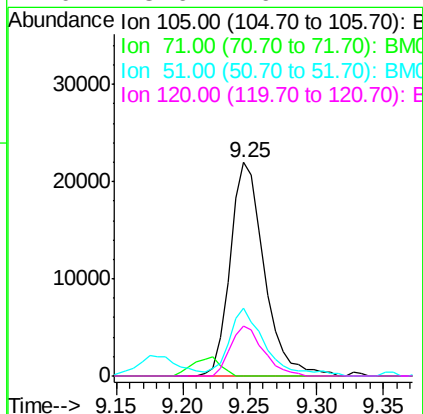
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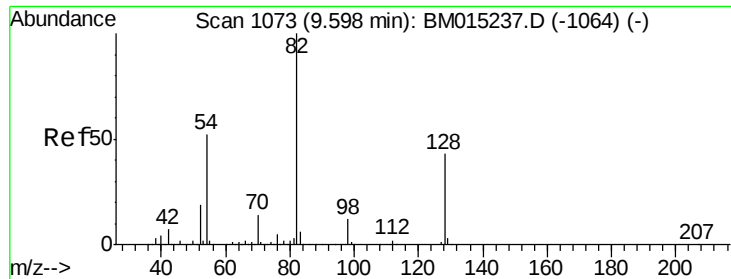
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#22
Acetophenone
Concen: 1.891 ng
RT: 9.25 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	39096		
71	0.0	0.6	1.0#	
51	32.0	21.6	32.4	
120	23.6	16.1	24.1	





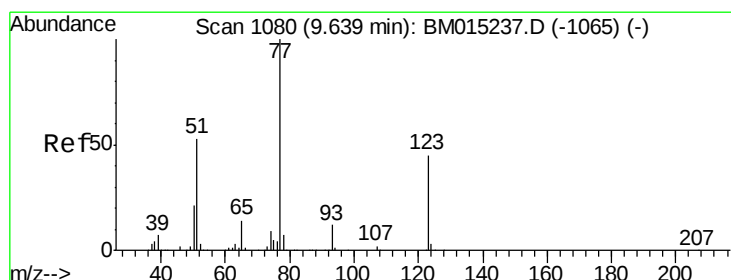
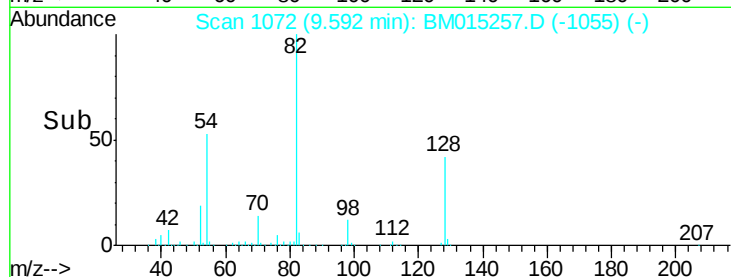
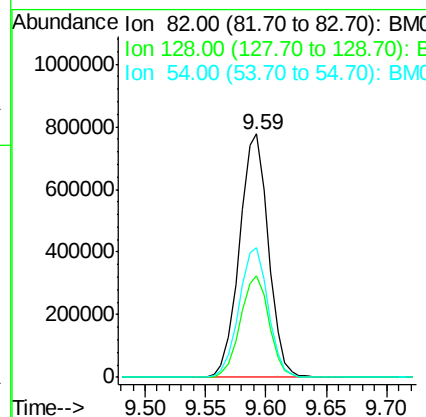
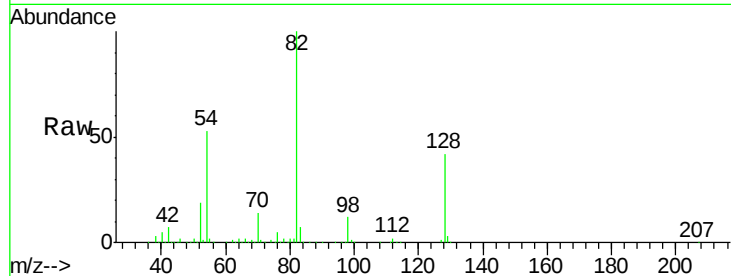
#23
Nitrobenzene-d5
Concen: 82.872 ng
RT: 9.59 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion: 82 Resp: 1303877
Ion Ratio Lower Upper
82 100
128 41.9 32.8 49.2
54 53.1 40.6 60.8

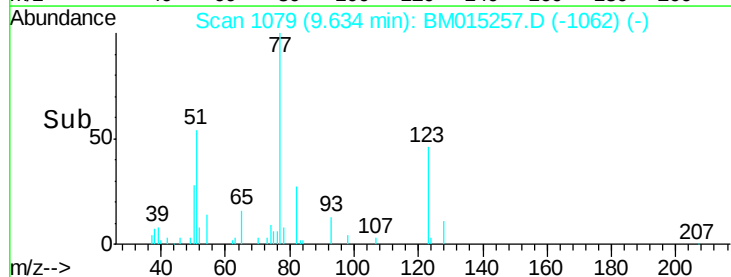
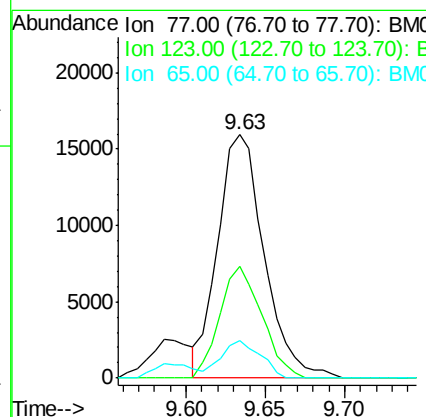
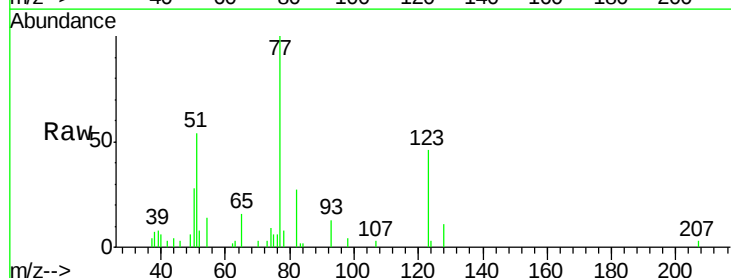
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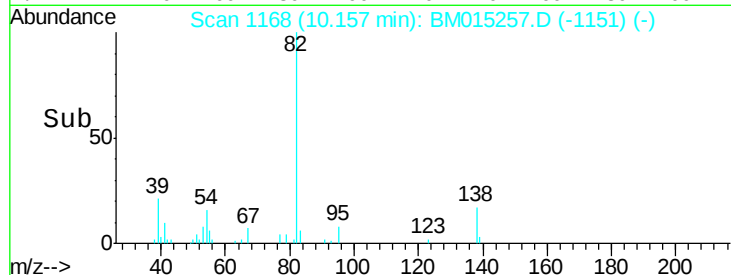
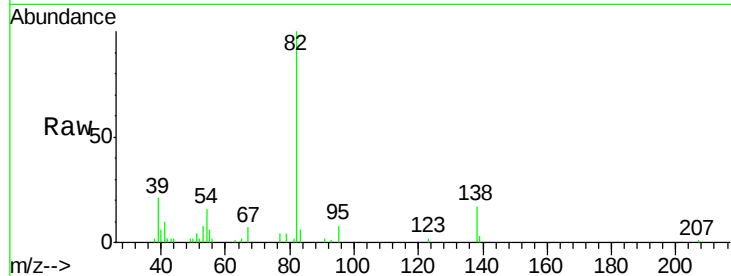
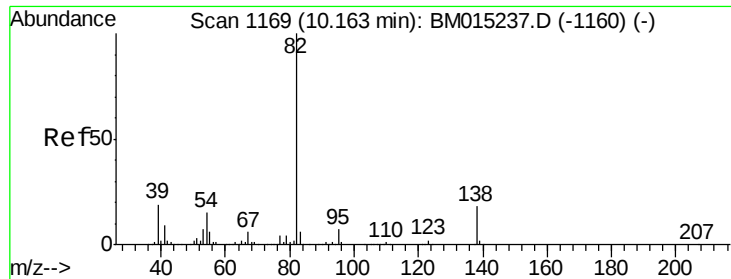
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#24
Nitrobenzene
Concen: 1.979 ng
RT: 9.63 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion: 77 Resp: 32416
Ion Ratio Lower Upper
77 100
123 45.9 32.6 49.0
65 15.6 10.9 16.3





#25

Isophorone

Concen: 1.578 ng

RT: 10.16 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion:	82	Resp:	42646
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.8	8.6
138	16.5	16.3	24.5

Instrument :

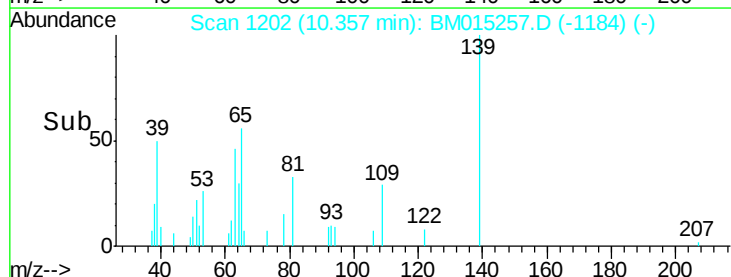
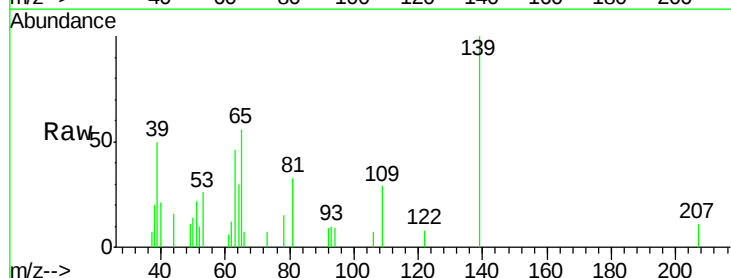
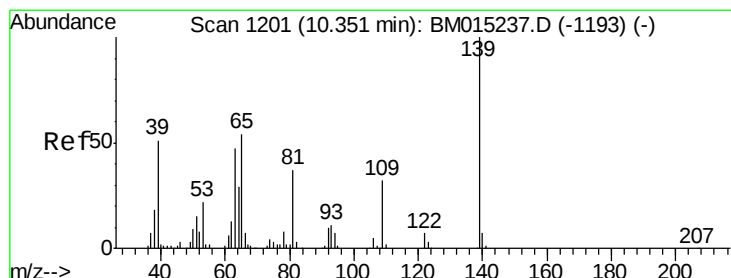
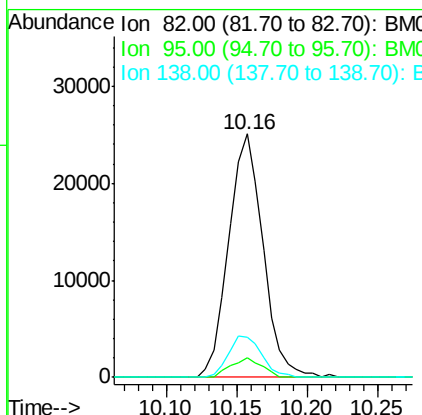
BNA_M

ClientSampleId :

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#26

2-Nitrophenol

Concen: 1.293 ng

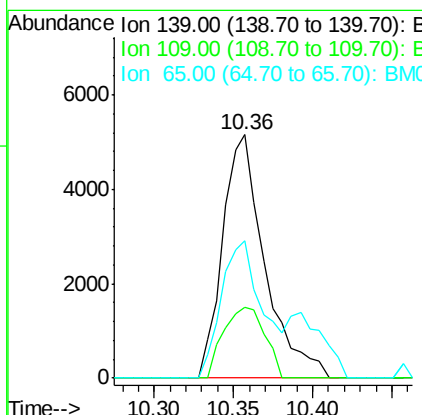
RT: 10.36 min Scan# 1202

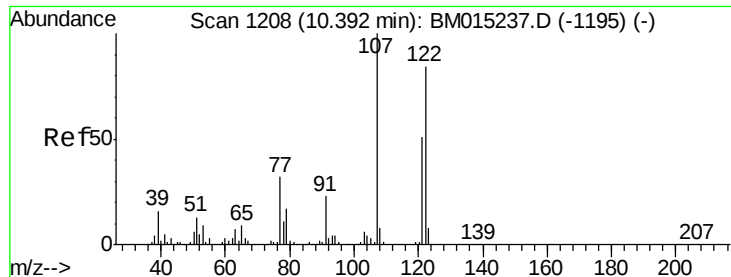
Delta R.T. 0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion:	139	Resp:	9503
Ion Ratio	Lower	Upper	
139	100		
109	29.1	20.1	30.1
65	56.2	31.5	47.3#





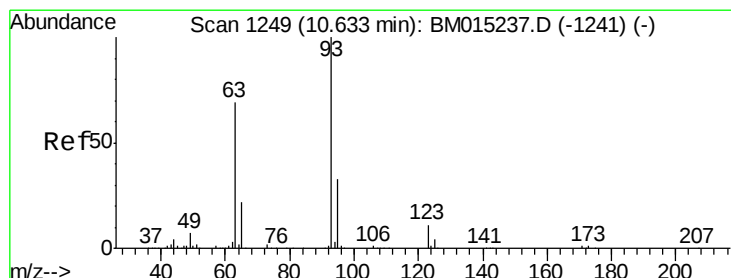
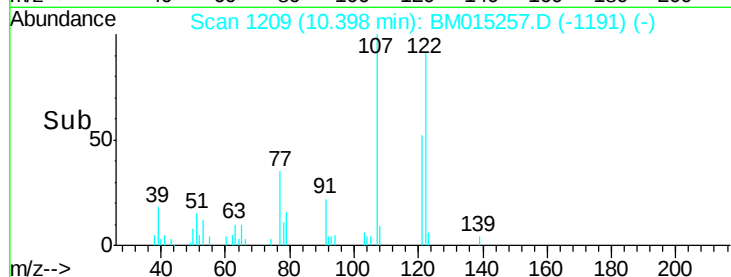
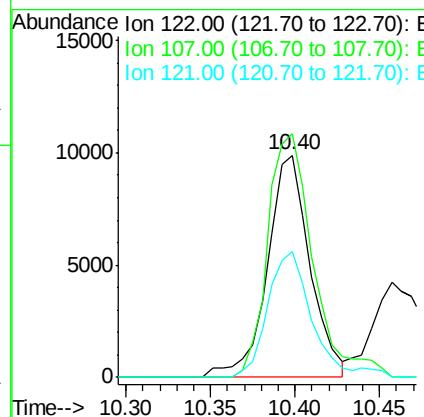
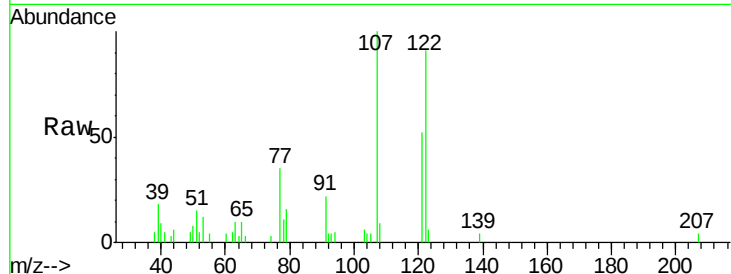
#27
2,4-Dimethylphenol
Concen: 1.298 ng
RT: 10.40 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.8	84.7	127.1
121	56.9	46.6	69.8

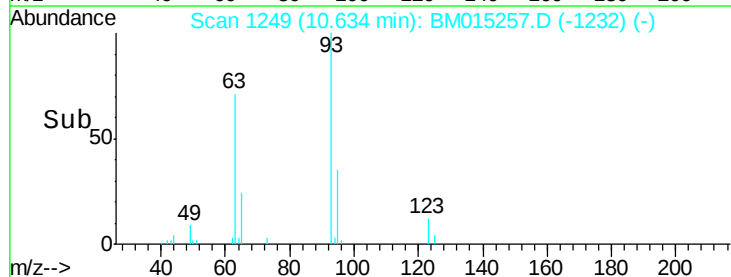
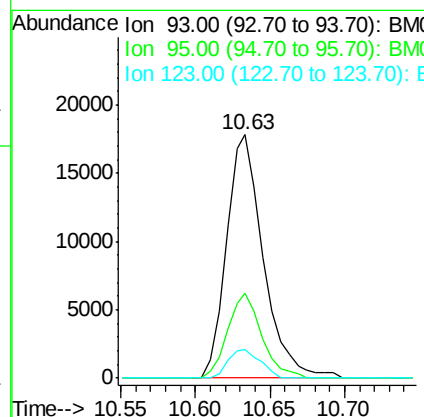
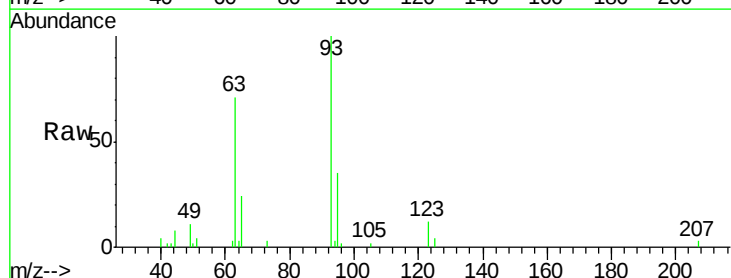
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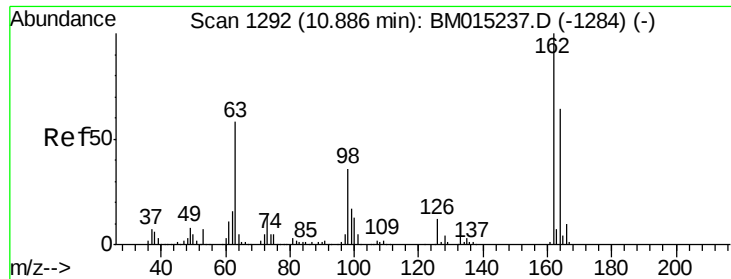
Sohil
5/23/2018 3:27:11 PM



#28
bis(2-Chloroethoxy)methane
Concen: 1.733 ng
RT: 10.63 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.7	25.5	38.3
123	11.6	8.6	13.0





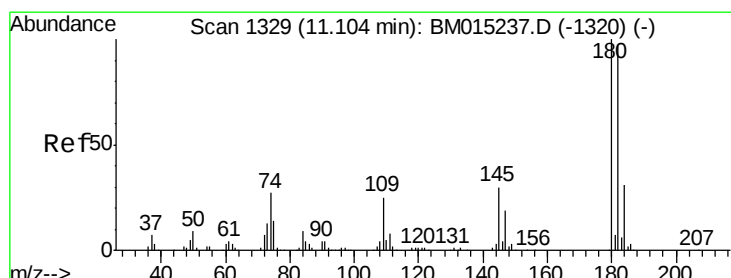
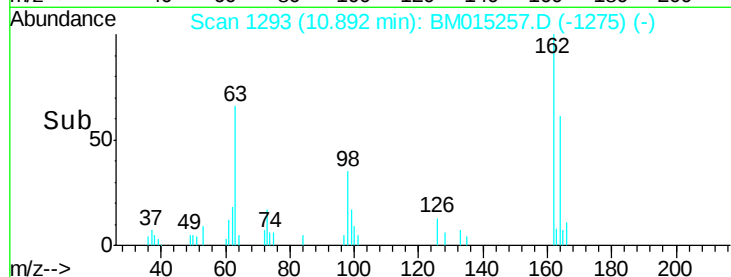
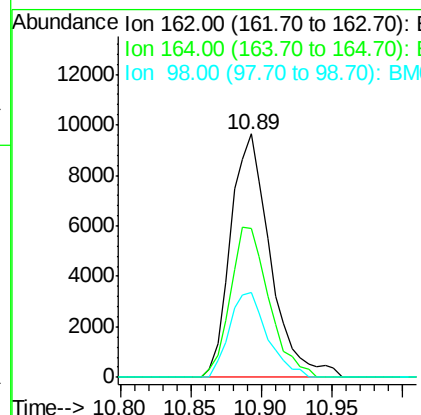
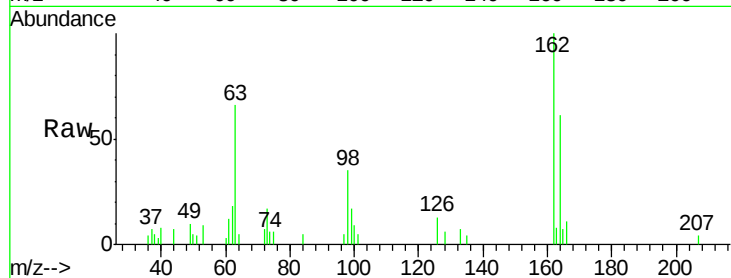
#29
 2,4-Dichlorophenol
 Concen: 1.496 ng
 RT: 10.89 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tgt Ion:	162	Resp:	18881
Ion Ratio	Lower	Upper	
162	100		
164	60.9	42.8	82.8
98	35.1	14.5	54.5

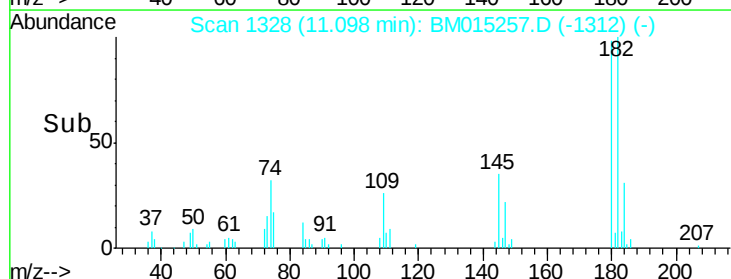
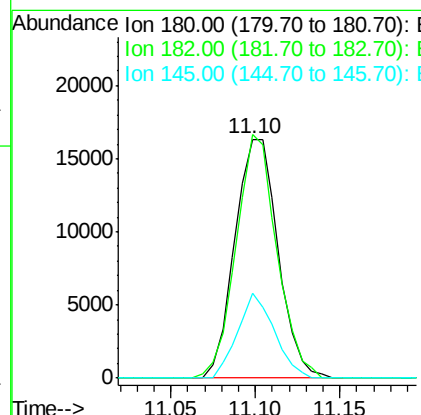
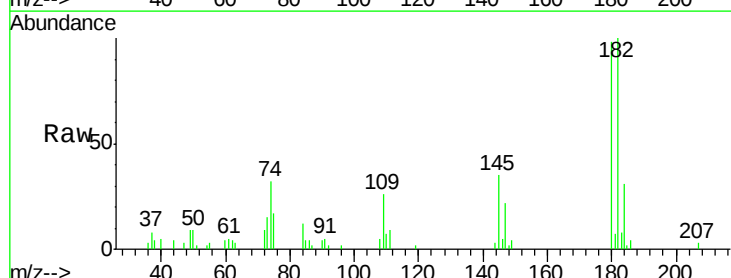
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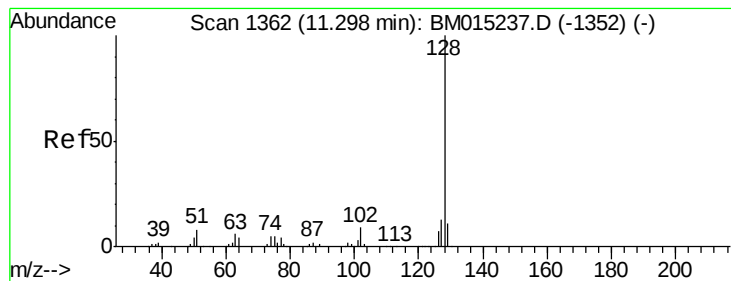
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 1.953 ng
 RT: 11.10 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion:	180	Resp:	29052
Ion Ratio	Lower	Upper	
180	100		
182	102.0	77.6	116.4
145	35.7	23.4	35.2#





#31

Naphthalene

Concen: 1.958 ng

RT: 11.29 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

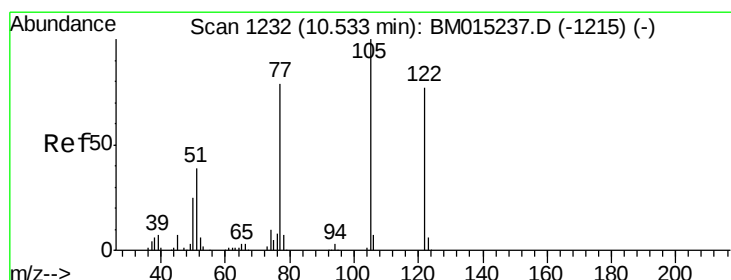
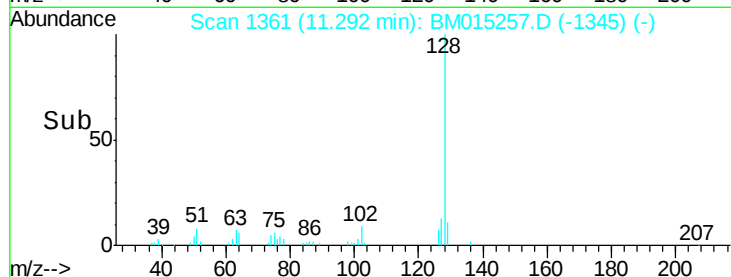
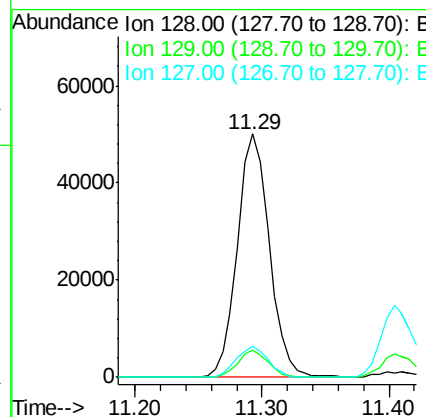
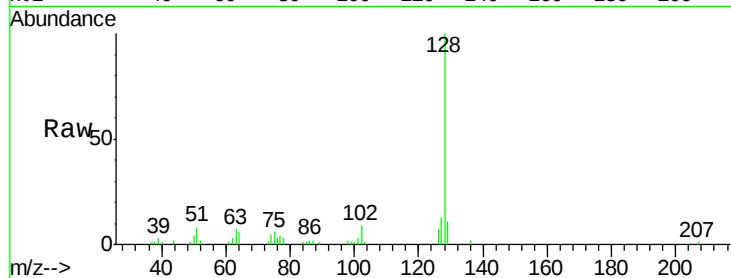
ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion:	128	Resp:	87700
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	12.9	10.4	15.6

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#32

Benzoic acid

Concen: 1.485 ng m

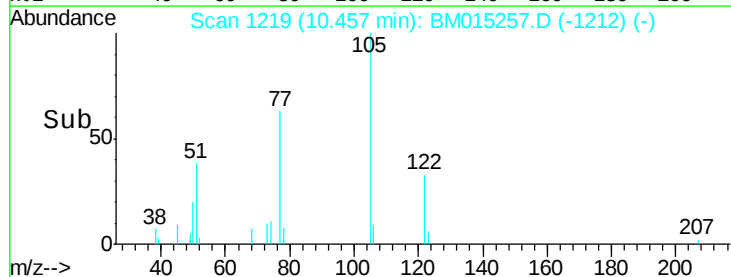
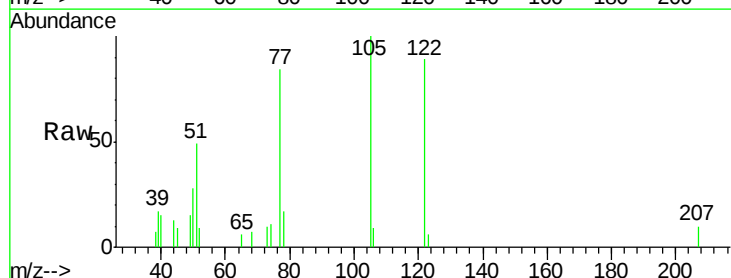
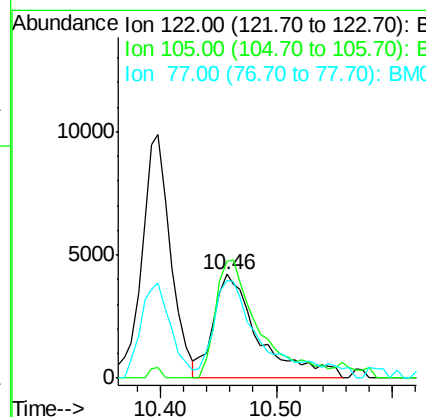
RT: 10.46 min Scan# 1219

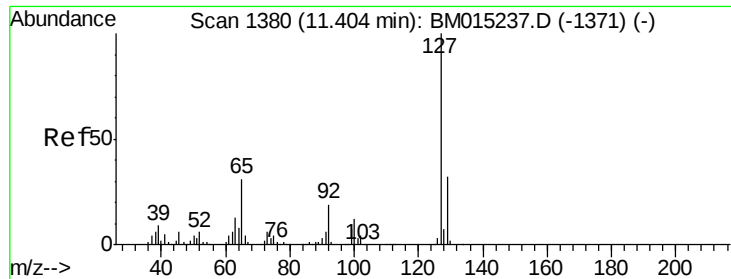
Delta R.T. -0.06 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion:	122	Resp:	11452
Ion	Ratio	Lower	Upper
122	100		
105	112.6	99.9	139.9
77	94.1	73.7	113.7





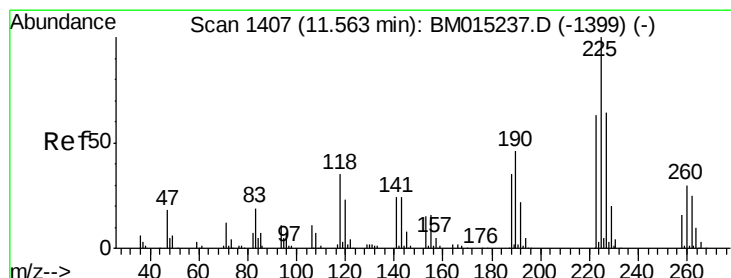
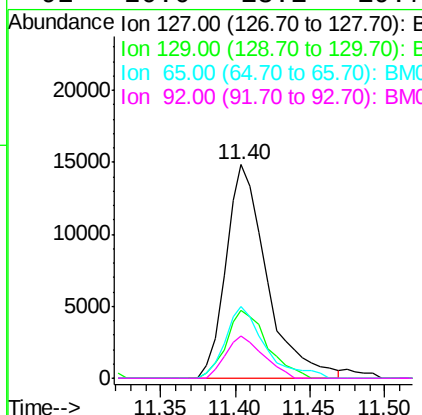
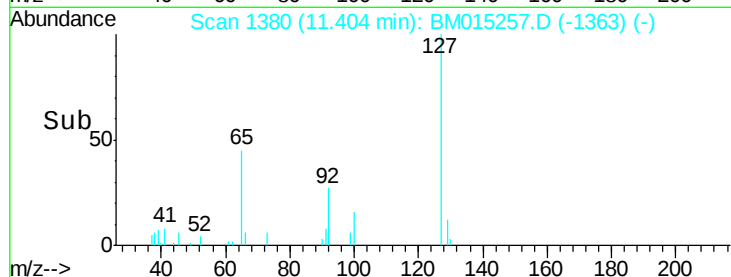
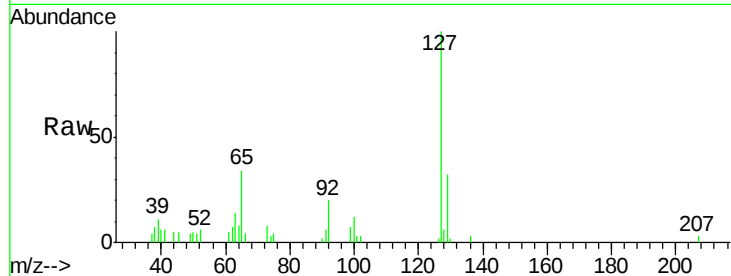
#33
4-Chloroaniline
Concen: 1.587 ng
RT: 11.40 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	28375		
129	31.8	25.3	37.9	
65	33.5	17.6	26.4	
92	20.0	13.1	19.7	

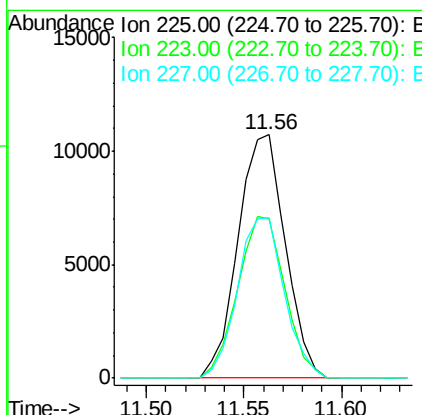
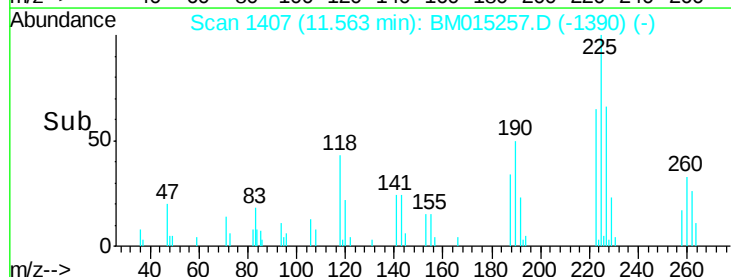
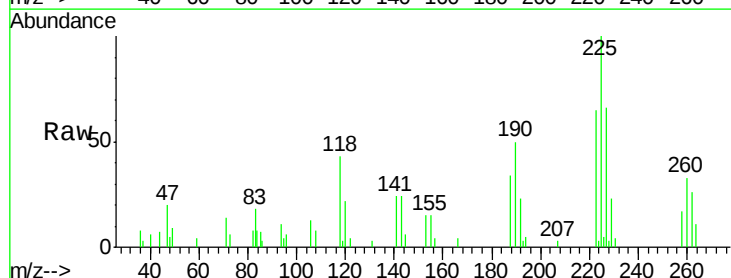
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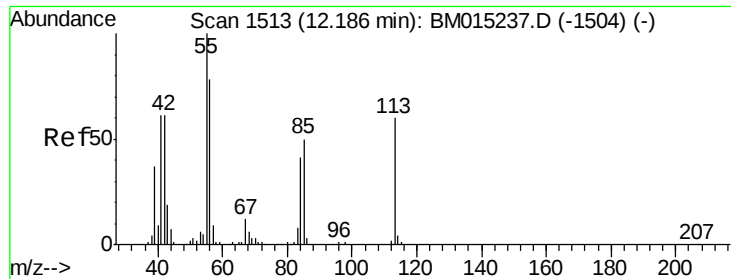
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#34
Hexachlorobutadiene
Concen: 2.031 ng
RT: 11.56 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	17959		
223	65.5	47.9	71.9	
227	68.5	50.1	75.1	





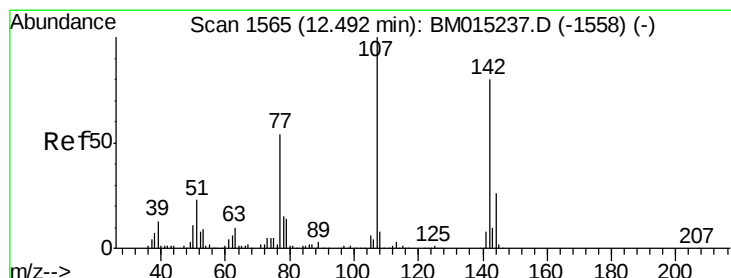
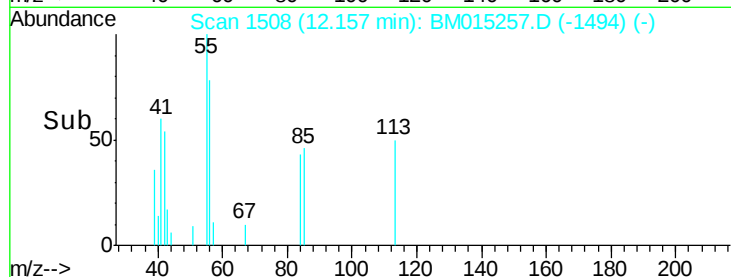
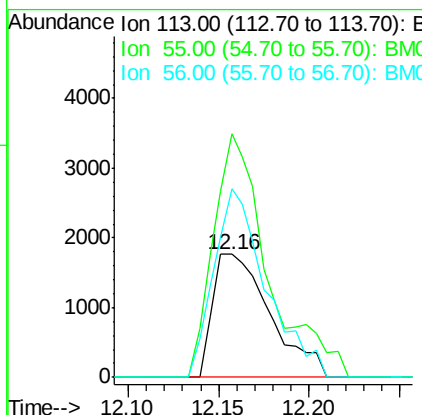
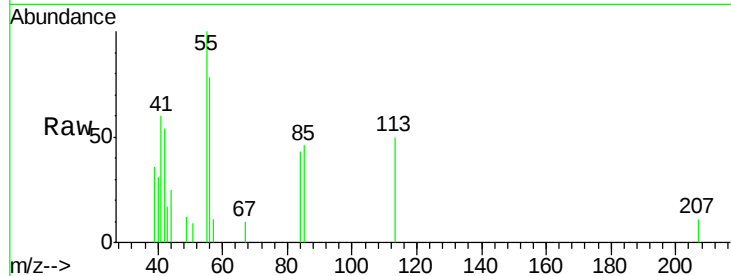
#35
 Caprolactam
 Concen: 1.087 ng
 RT: 12.16 min Scan# 1508
 Delta R.T. -0.02 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tgt Ion:113 Resp: 3882
 Ion Ratio Lower Upper
 113 100
 55 198.1 145.9 185.9#
 56 153.9 101.0 141.0#

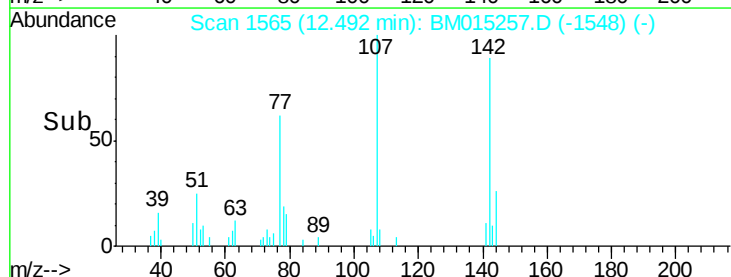
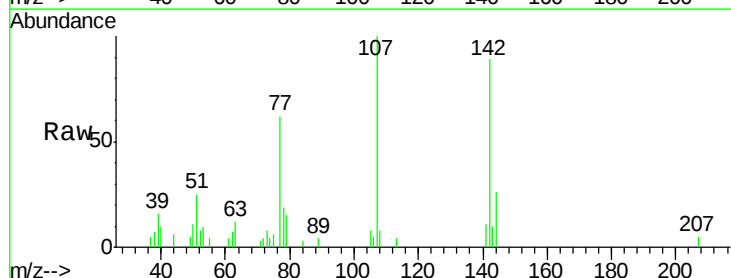
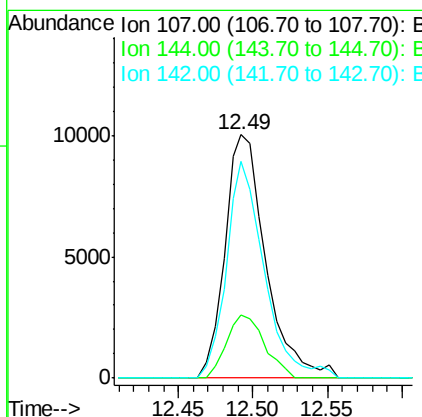
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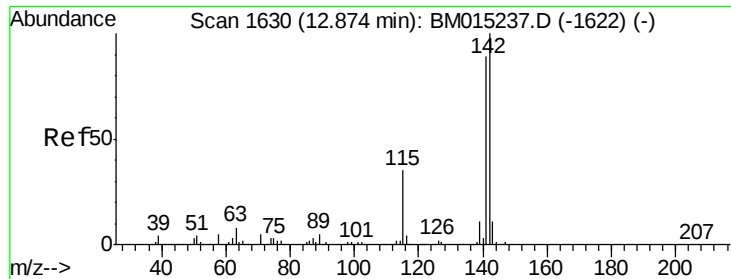
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 1.489 ng
 RT: 12.49 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion:107 Resp: 19201
 Ion Ratio Lower Upper
 107 100
 144 25.8 23.3 34.9
 142 88.8 72.6 109.0





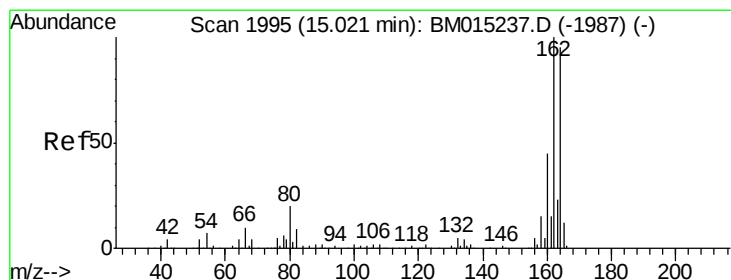
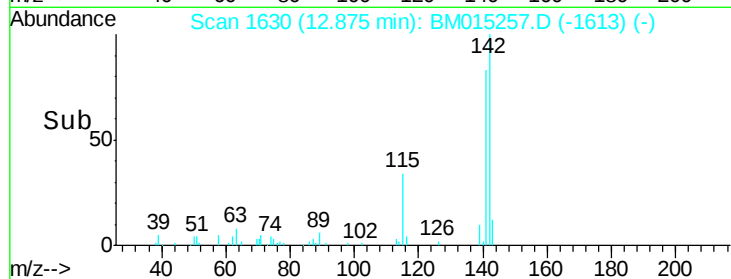
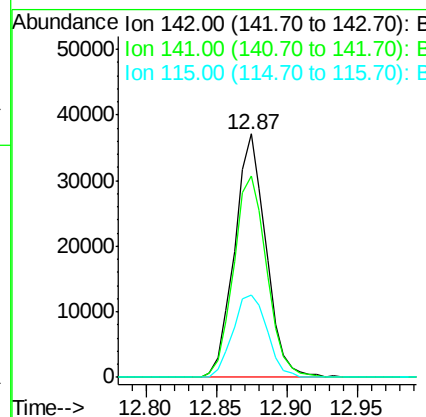
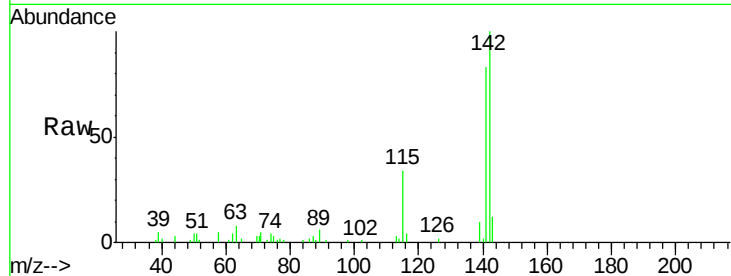
#37
 2-Methylnaphthalene
 Concen: 1.855 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.9	71.9	107.9
115	33.8	25.4	38.0

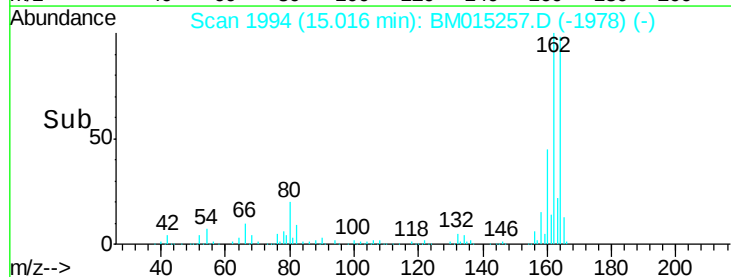
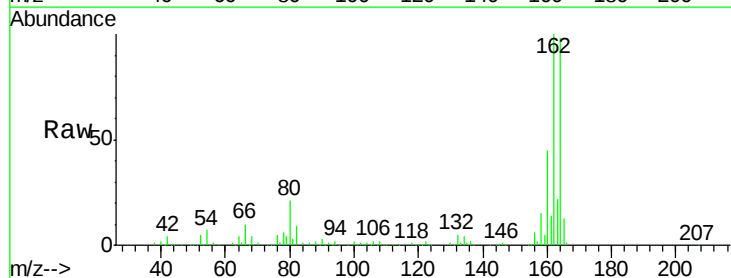
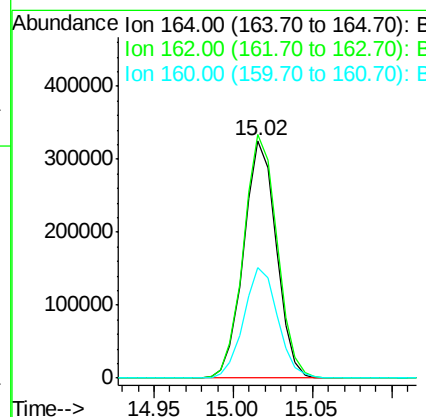
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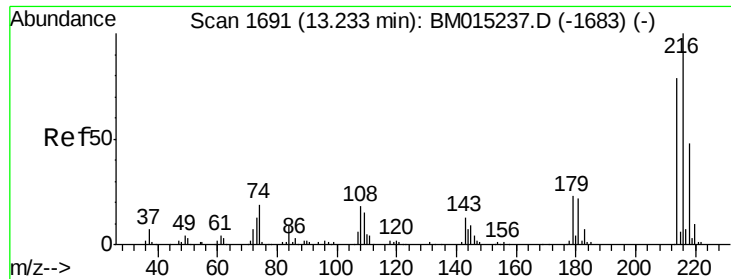
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.02 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.4	123.6
160	46.3	35.8	53.6





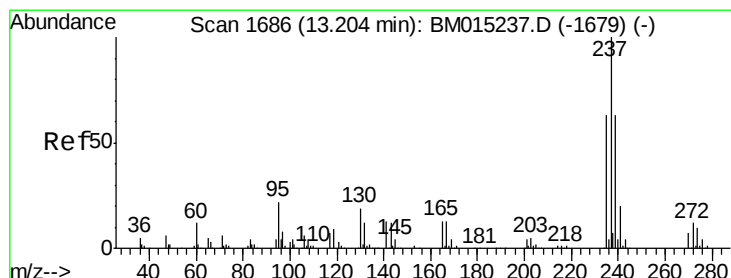
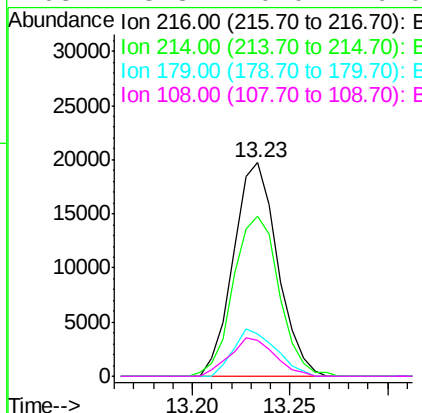
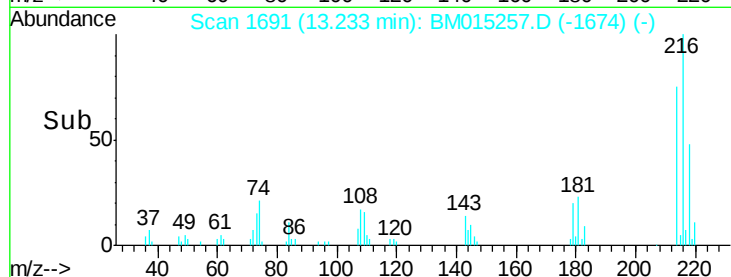
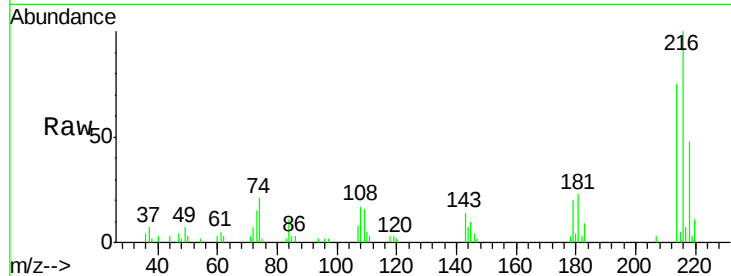
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.883 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	77.7	0.0	0.0#
179	21.1	0.0	0.0#
108	18.3	0.0	0.0#

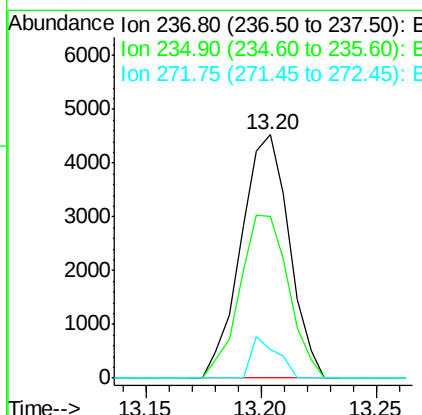
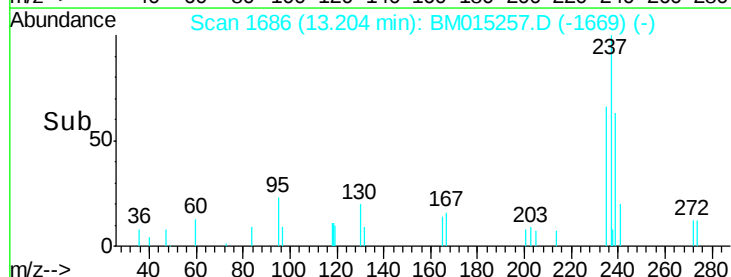
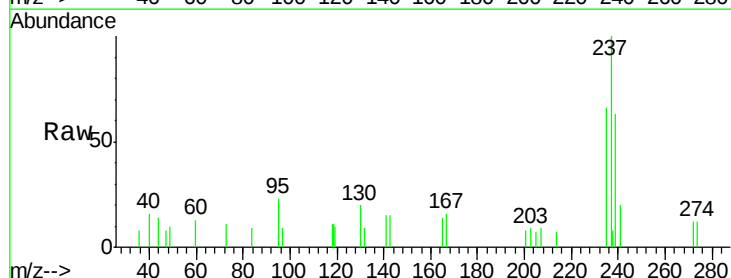
Manual Integrations
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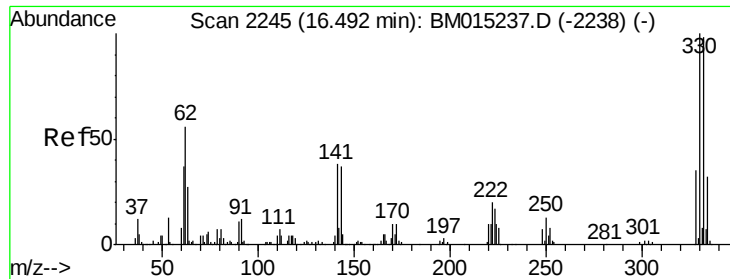
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 5.846 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	66.2	42.0	82.0
272	11.5	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 141.896 ng

RT: 16.49 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

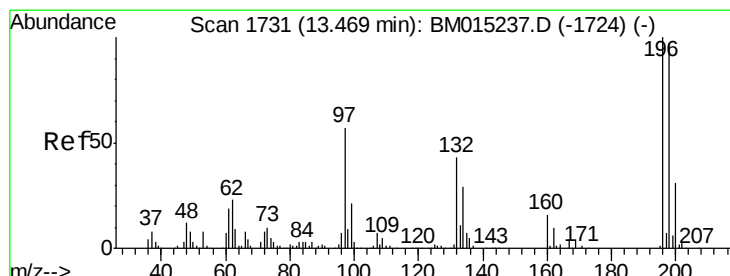
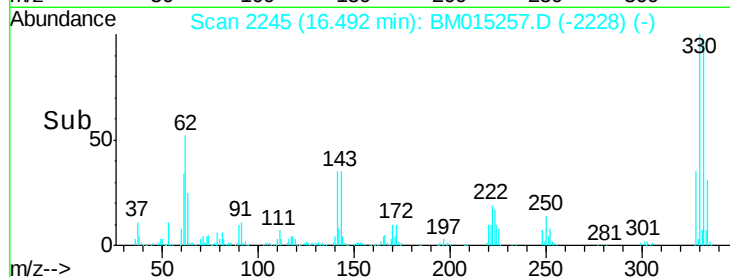
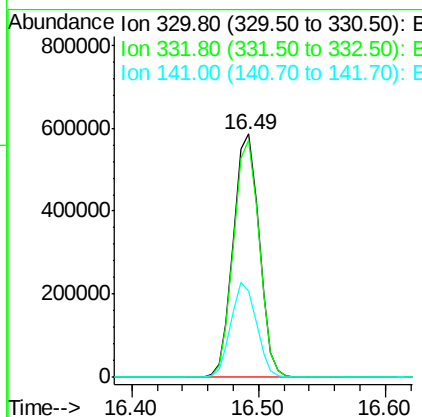
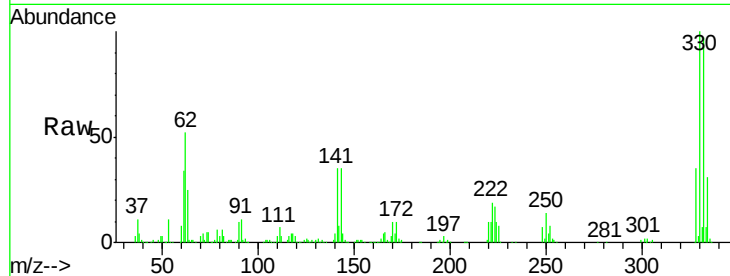
ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion:	330	Resp:	827549
Ion Ratio	Lower	Upper	
330	100		
332	97.0	0.0	0.0#
141	38.6	0.0	0.0#

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 1.374 ng

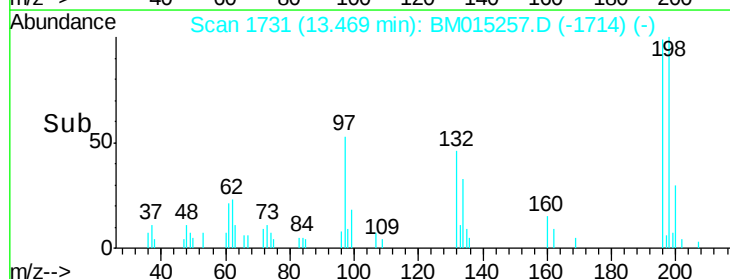
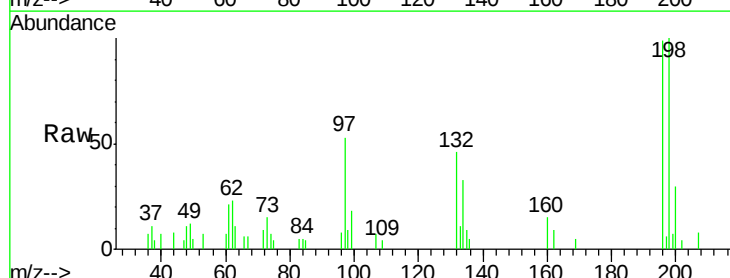
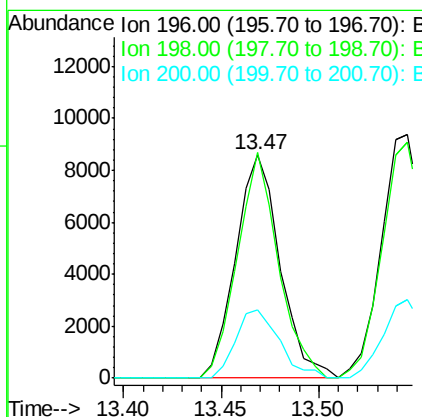
RT: 13.47 min Scan# 1731

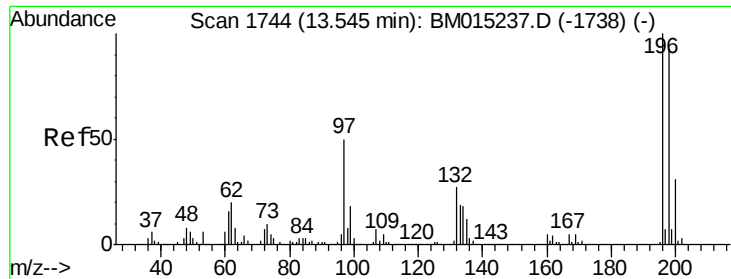
Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion:	196	Resp:	13523
Ion Ratio	Lower	Upper	
196	100		
198	100.9	76.3	114.5
200	30.3	25.6	38.4





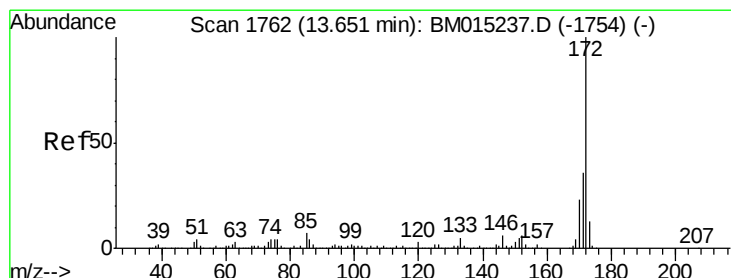
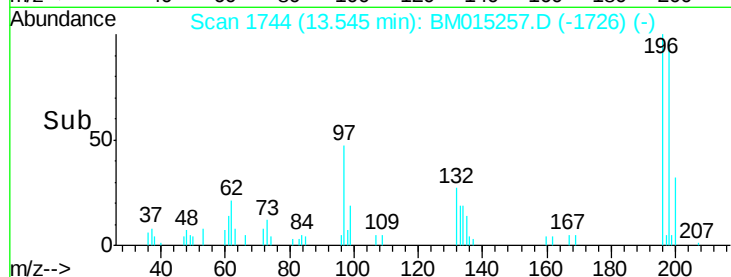
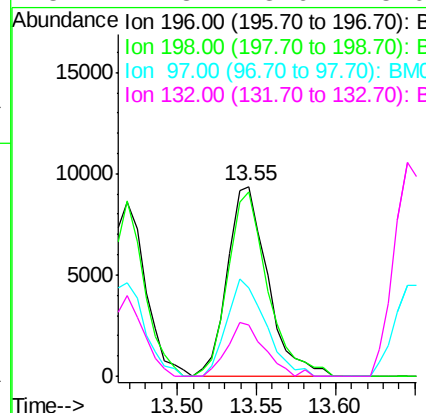
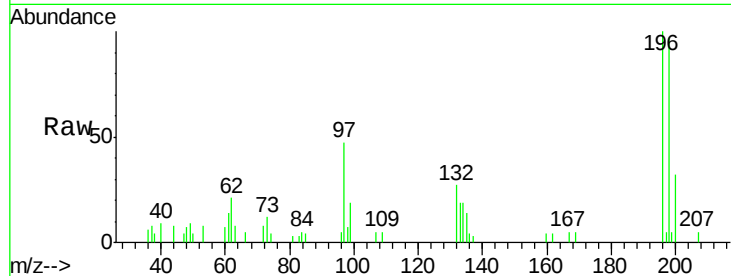
#43
 2,4,5-Trichlorophenol
 Concen: 1.550 ng
 RT: 13.55 min Scan# 1744
 Delta R.T. 0.01 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	16476		
198	96.9	79.4	119.0	
97	46.7	26.8	40.2#	
132	27.3	18.6	28.0	

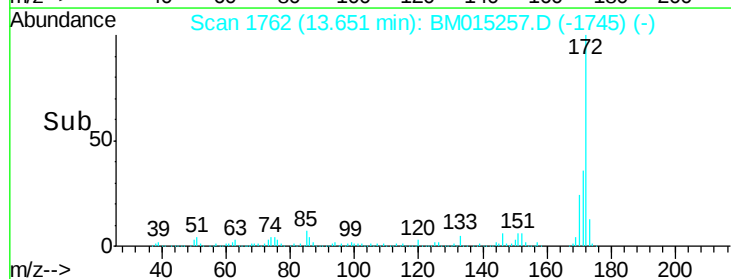
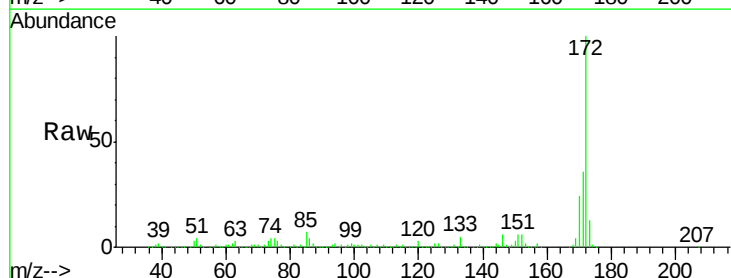
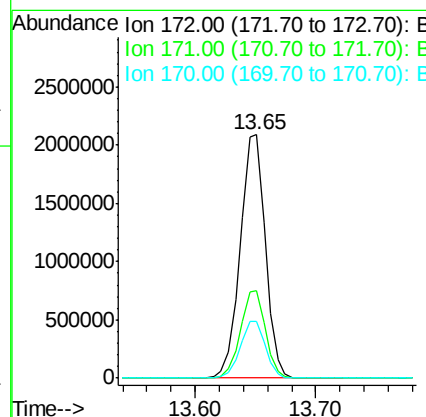
Manual Integrations
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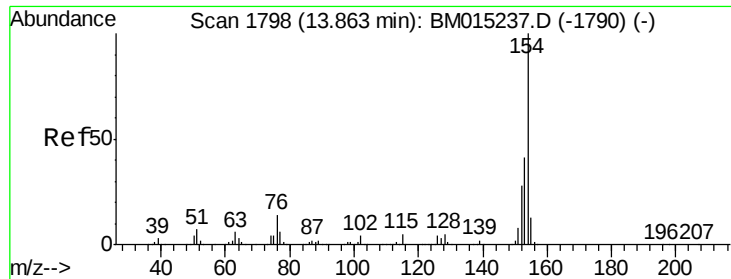
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 81.088 ng
 RT: 13.65 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3033725		
171	35.8	28.5	42.7	
170	23.5	18.8	28.2	





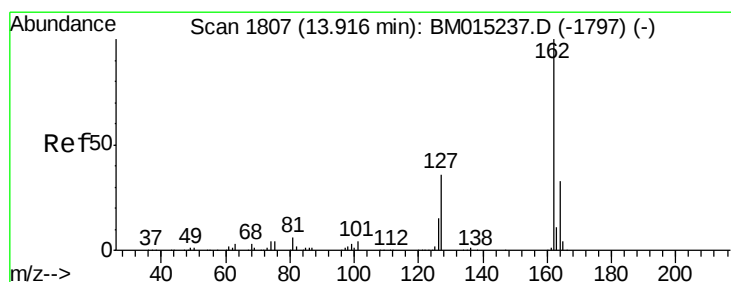
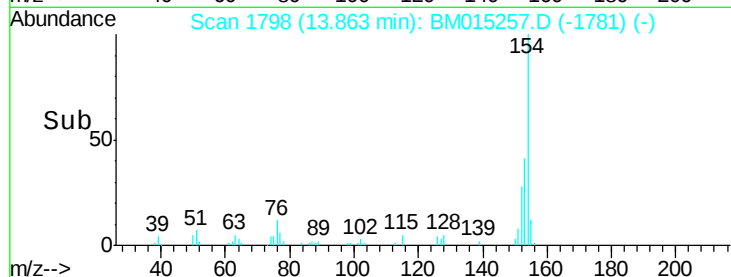
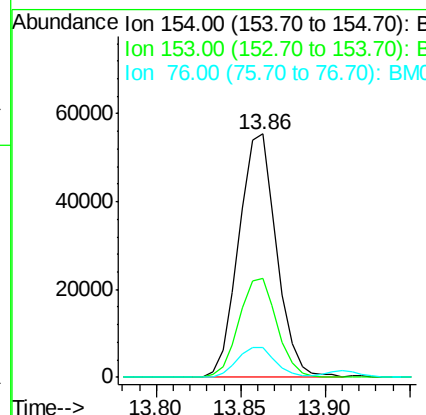
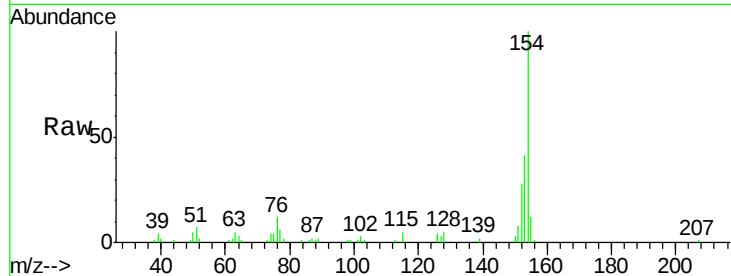
#45
 1,1'-Biphenyl
 Concen: 2.119 ng
 RT: 13.86 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	12.0	0.0	30.9

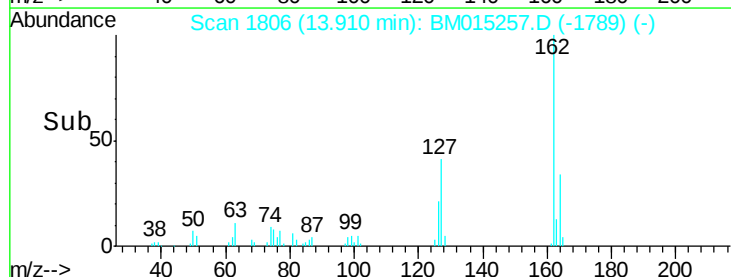
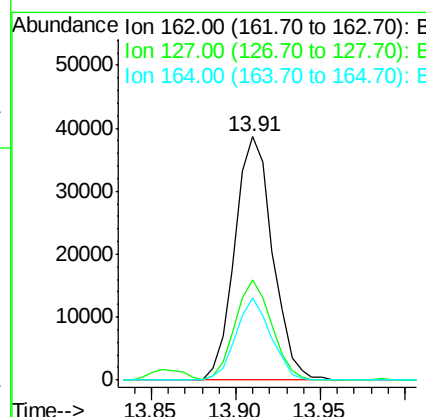
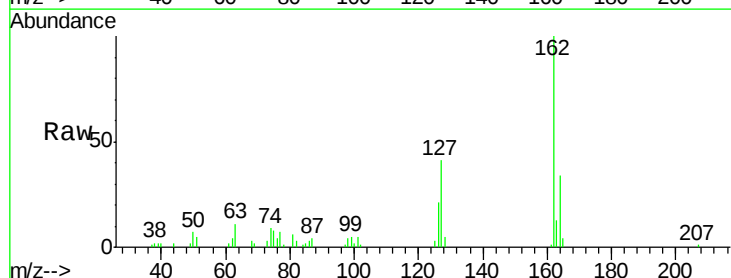
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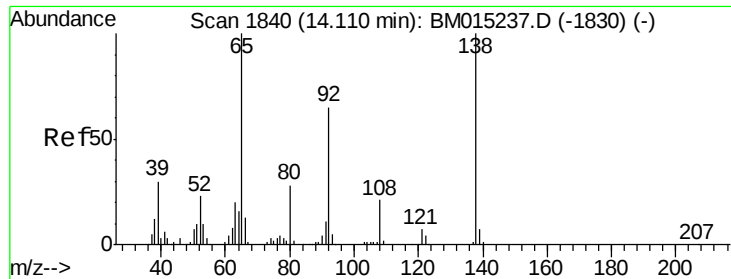
Sohil
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#46
 2-Chloronaphthalene
 Concen: 1.919 ng
 RT: 13.91 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	26.9	40.3#
164	33.7	26.8	40.2





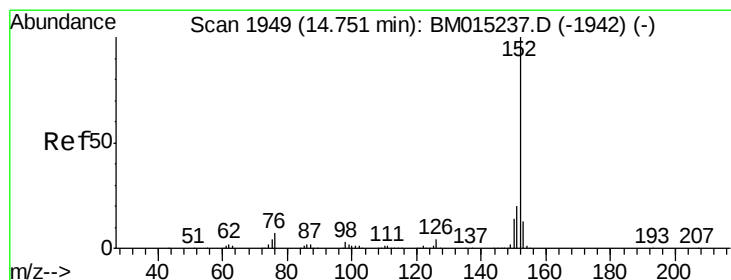
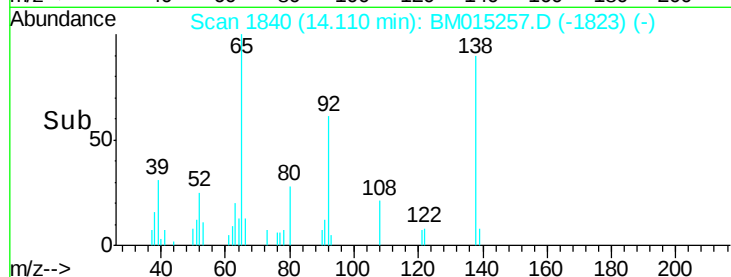
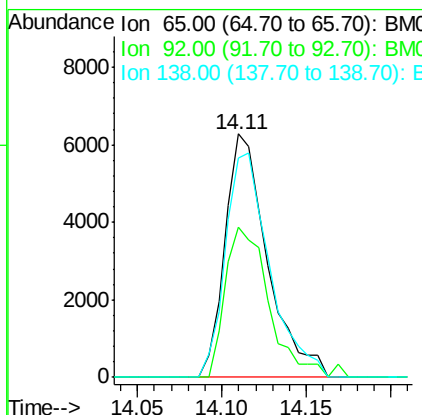
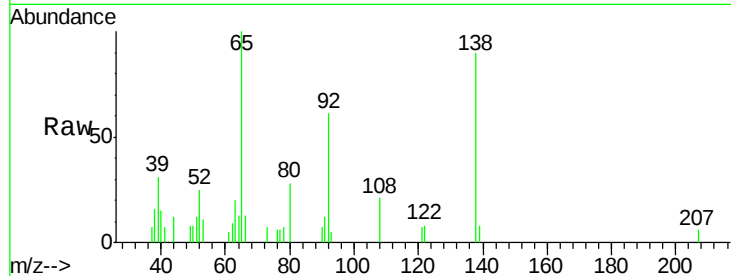
#47
2-Nitroaniline
Concen: 1.230 ng
RT: 14.11 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion: 65 Resp: 10976
Ion Ratio Lower Upper
65 100
92 61.5 59.1 88.7
138 89.9 93.9 140.9#

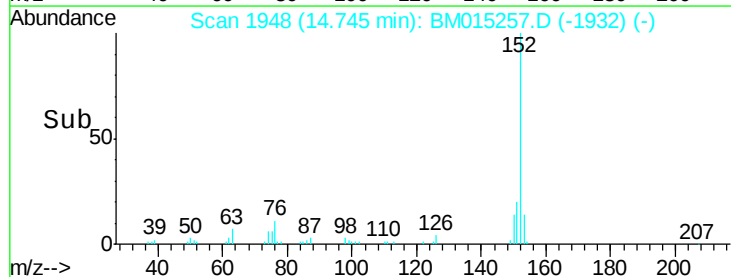
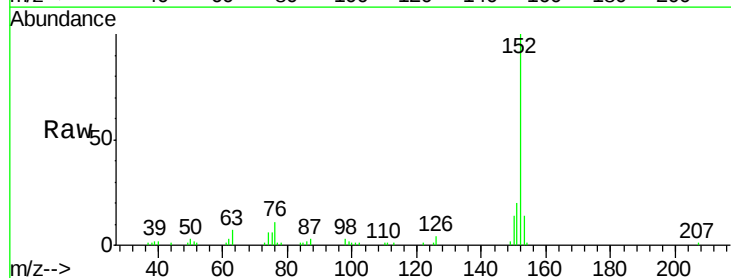
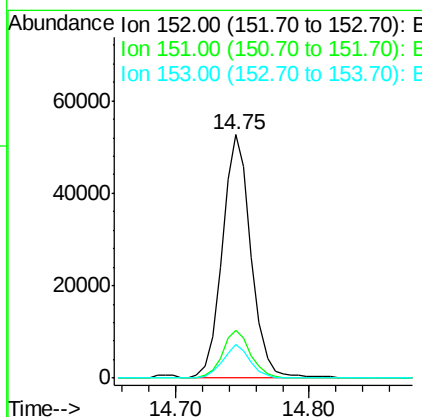
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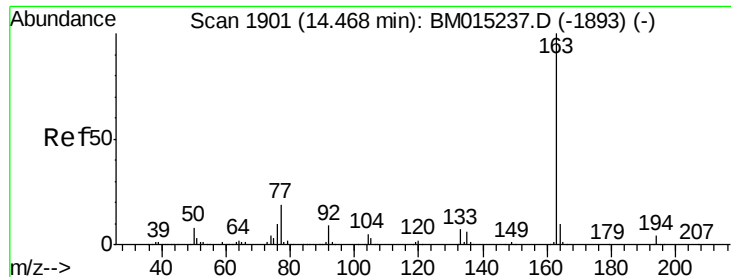
Sohil
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#48
Acenaphthylene
Concen: 1.707 ng
RT: 14.75 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion: 152 Resp: 79388
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 14.0 10.6 16.0





#49

Dimethylphthalate

Concen: 1.902 ng

RT: 14.46 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

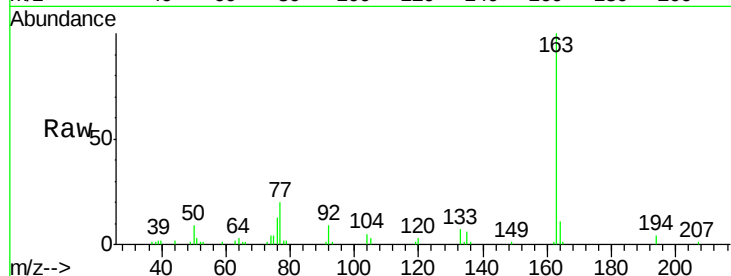
ClientSampleId :

MDL-WATER-03-QT2-2018

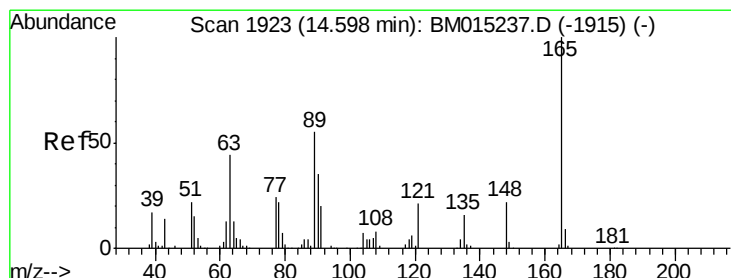
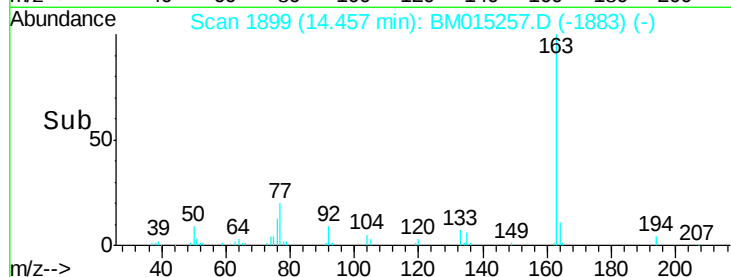
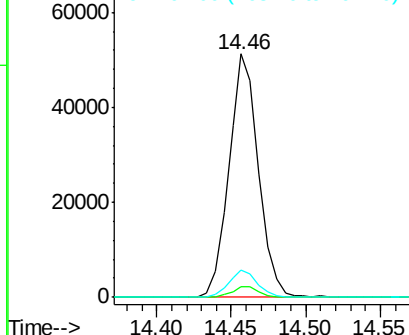
Tgt Ion:	163	Resp:	70593
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.7	4.1#
164	11.3	8.2	12.2

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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



#50

2,6-Dinitrotoluene

Concen: 1.425 ng

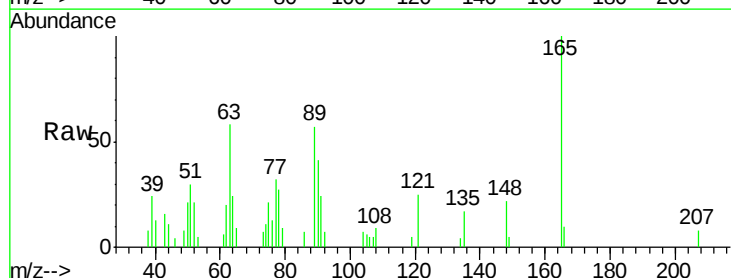
RT: 14.59 min Scan# 1922

Delta R.T. 0.00 min

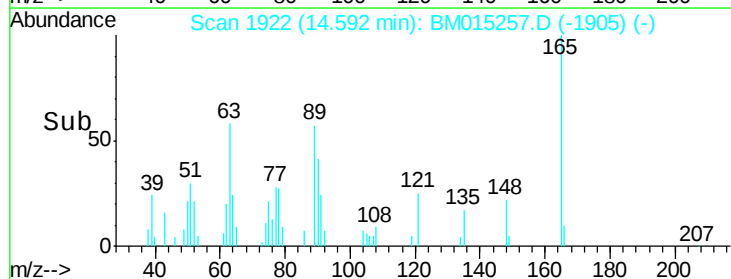
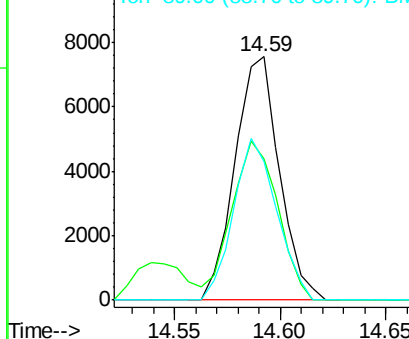
Lab File: BM015257.D

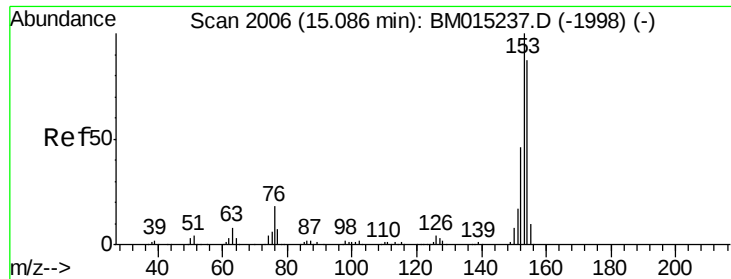
Acq: 23 May 2018 01:30

Tgt Ion:	165	Resp:	11035
Ion Ratio	Lower	Upper	
165	100		
63	57.9	44.1	66.1
89	56.9	44.3	66.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 1.986 ng

RT: 15.08 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

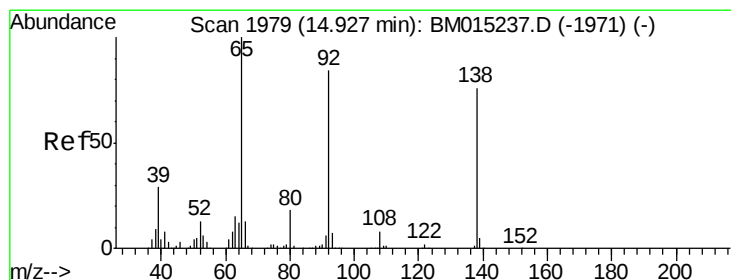
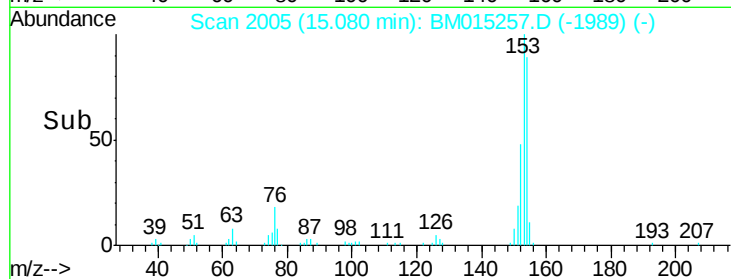
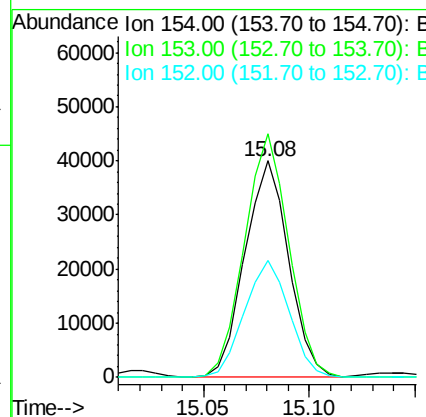
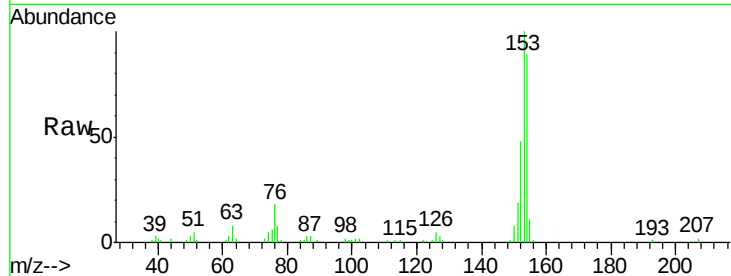
ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	57559		
153	112.4	90.0	135.0	
152	53.7	42.6	63.8	

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#52

3-Nitroaniline

Concen: 1.162 ng

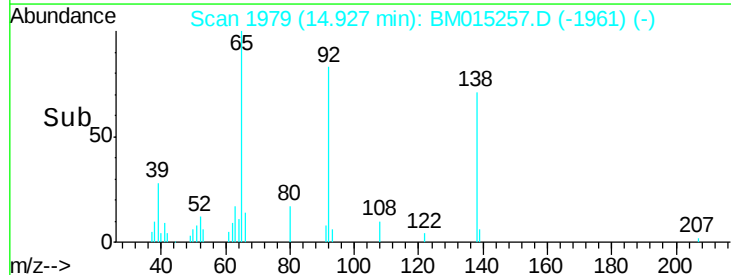
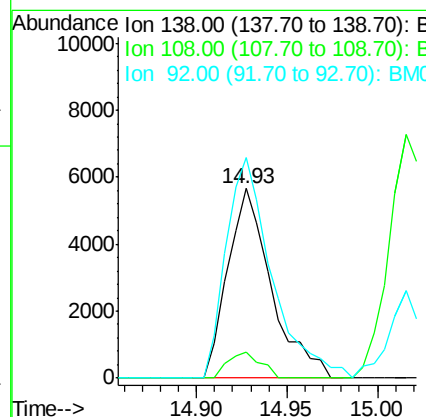
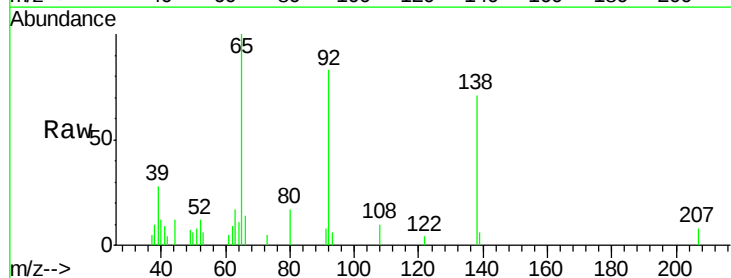
RT: 14.93 min Scan# 1979

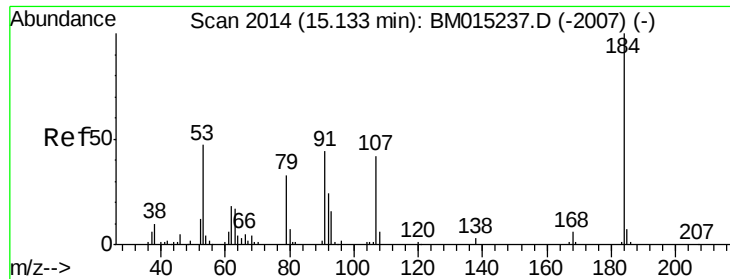
Delta R.T. 0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	9475		
108	14.1	7.3	10.9#	
92	116.2	76.6	114.8#	





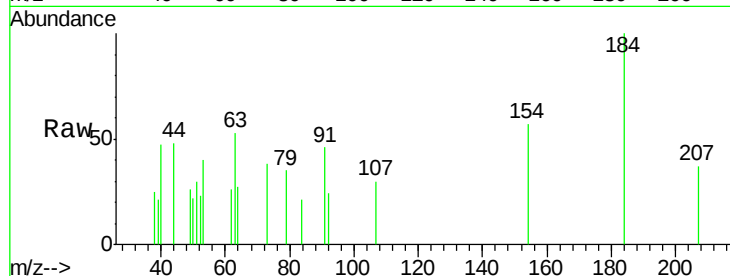
#53
2,4-Dinitrophenol
Concen: 7.036 ng
RT: 15.15 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

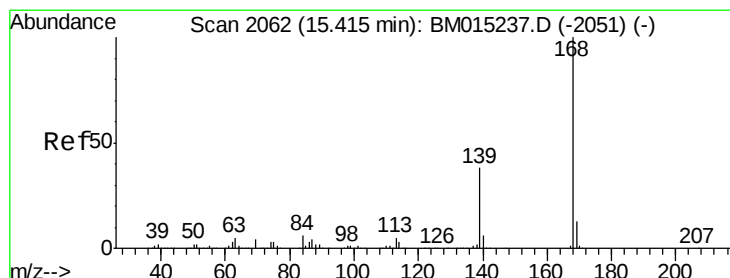
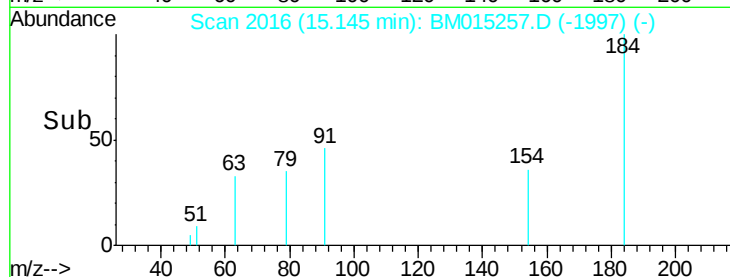
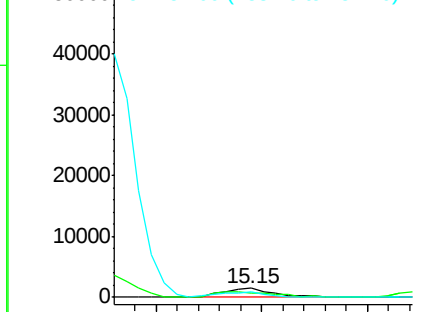
Tgt Ion:184 Resp: 2474
Ion Ratio Lower Upper
184 100
63 53.0 69.2 103.8#
154 57.1 53.3 79.9

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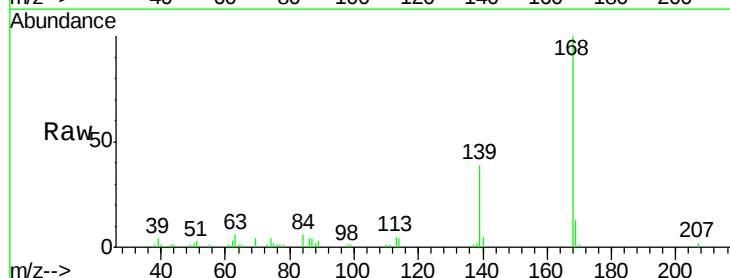


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM015257.D (-2045) (-)
Ion 154.00 (153.70 to 154.70): E

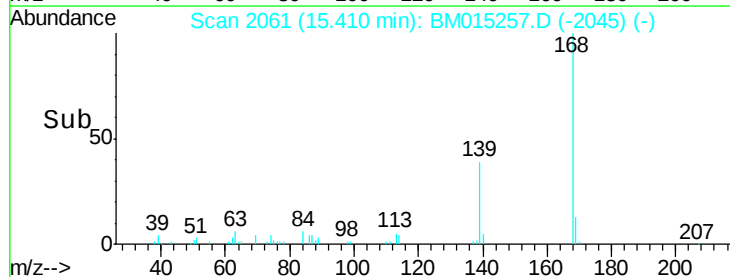
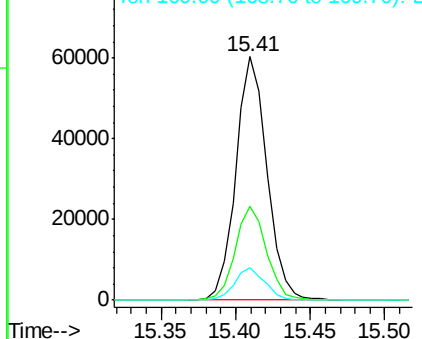


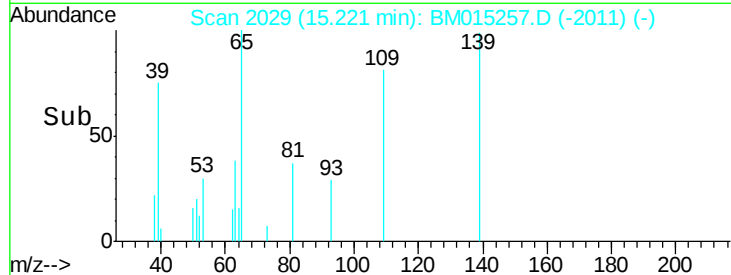
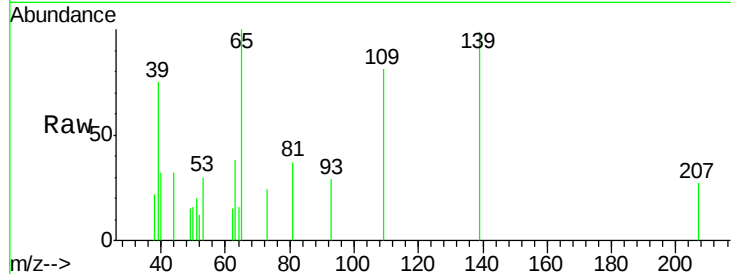
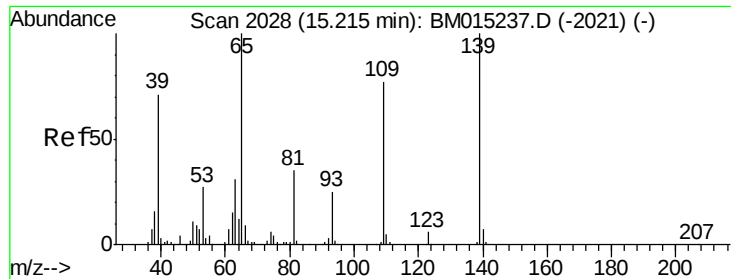
#54
Dibenzofuran
Concen: 1.907 ng
RT: 15.41 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion:168 Resp: 87138
Ion Ratio Lower Upper
168 100
139 38.8 27.3 40.9
169 13.2 10.6 16.0



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





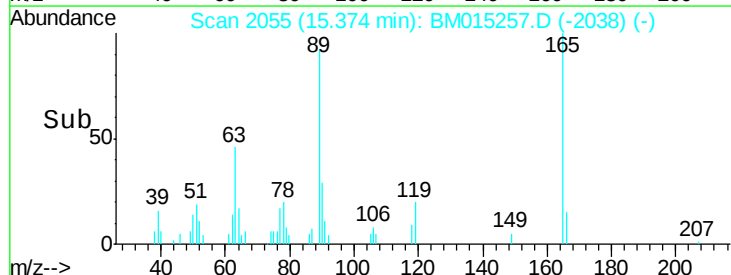
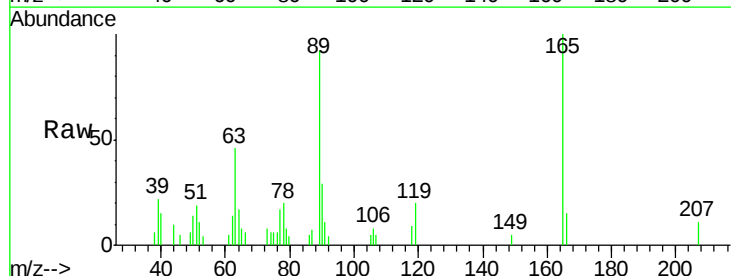
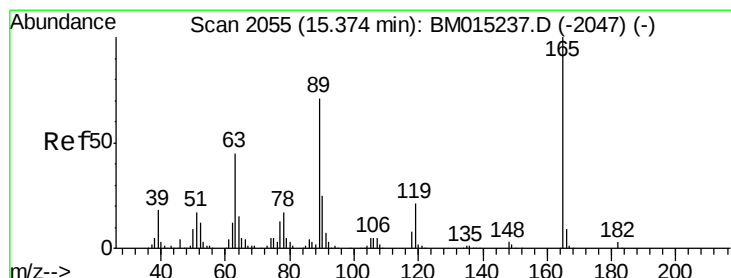
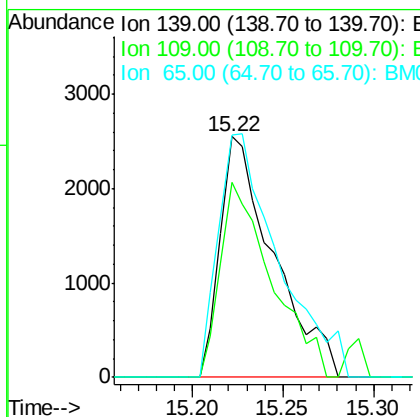
#55
4-Nitrophenol
Concen: 0.791 ng
RT: 15.22 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion:139 Resp: 5228
Ion Ratio Lower Upper
139 100
109 81.2 130.0 170.0#
65 100.6 130.0 170.0#

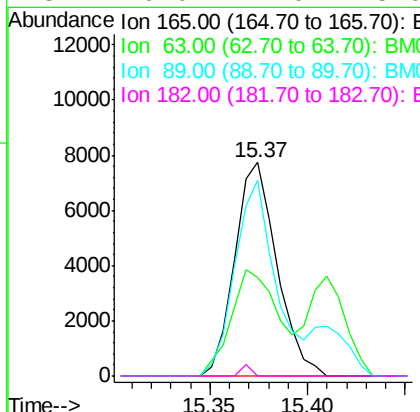
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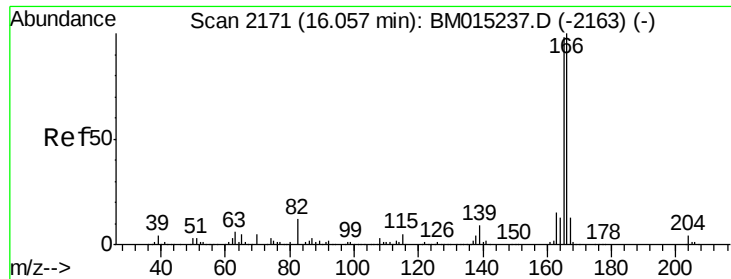
Sohil
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#56
2,4-Dinitrotoluene
Concen: 1.088 ng
RT: 15.37 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion:165 Resp: 11535
Ion Ratio Lower Upper
165 100
63 46.3 52.4 78.6#
89 91.7 72.4 108.6
182 0.0 2.0 3.0#





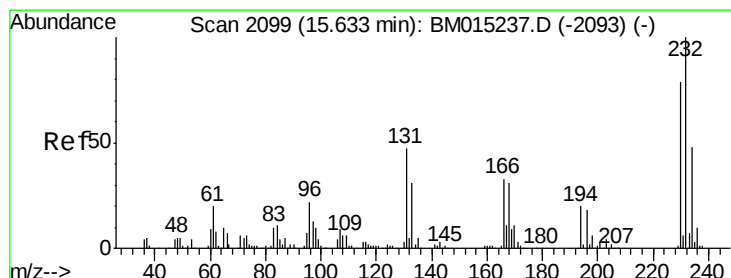
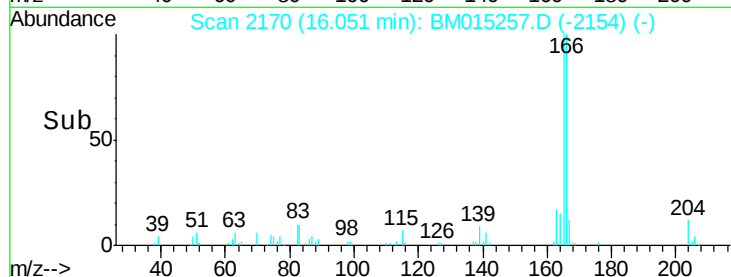
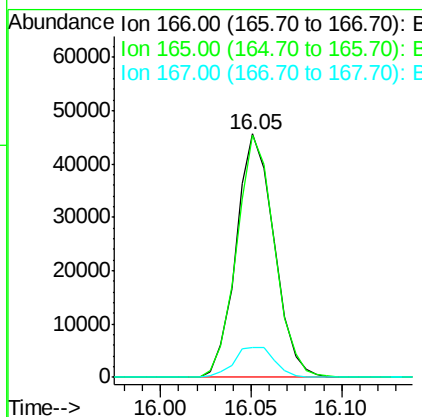
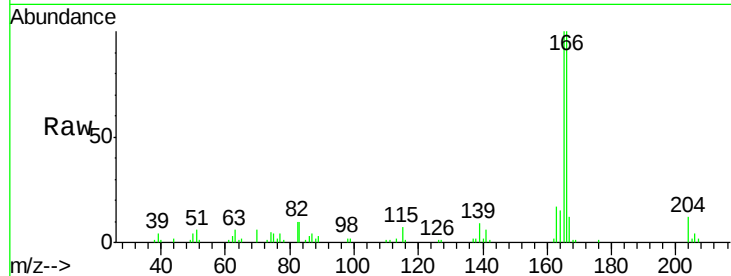
#57
 Fluorene
 Concen: 1.838 ng
 RT: 16.05 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	66362		
165	99.7	79.0	118.4	
167	12.5	10.3	15.5	

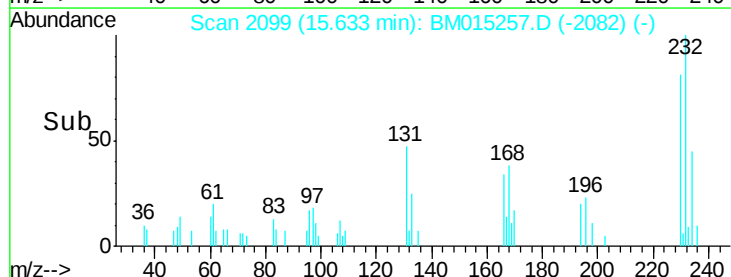
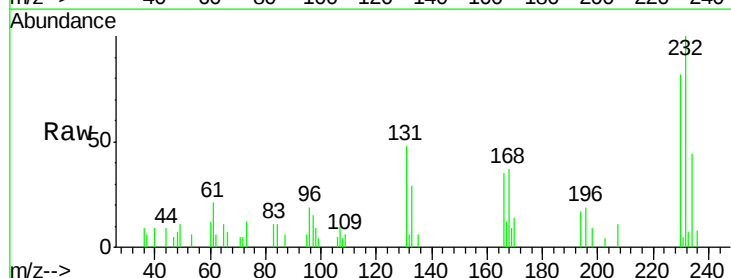
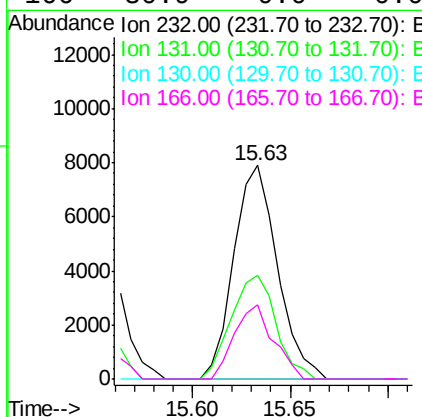
Manual Integrations
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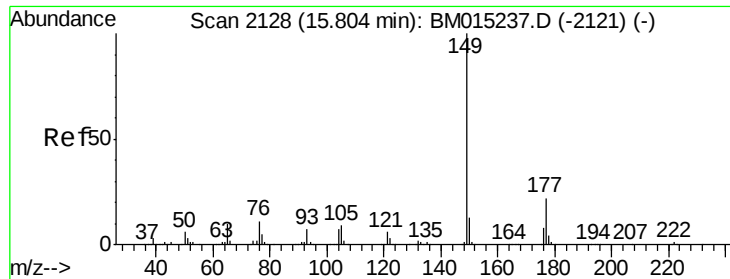
Sohil
 5/23/2018 3:27:11 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.341 ng
 RT: 15.63 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	12227		
131	49.7	0.0	0.0#	
130	0.0	0.0	0.0	
166	30.9	0.0	0.0#	





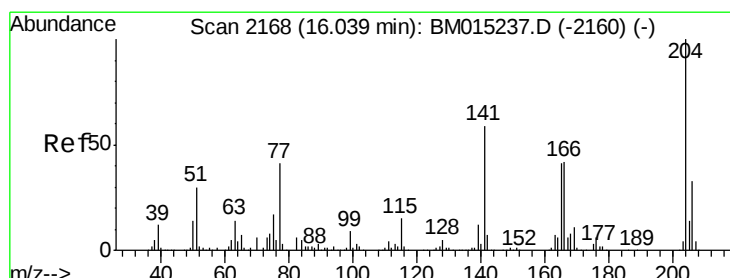
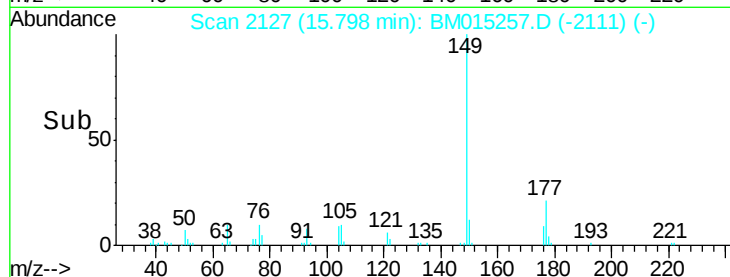
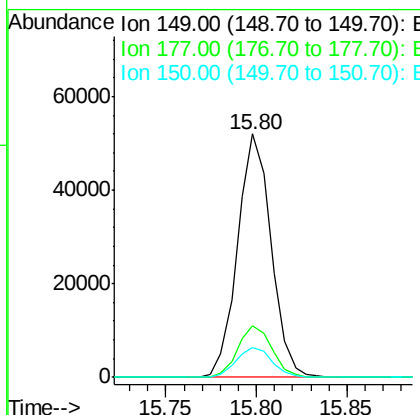
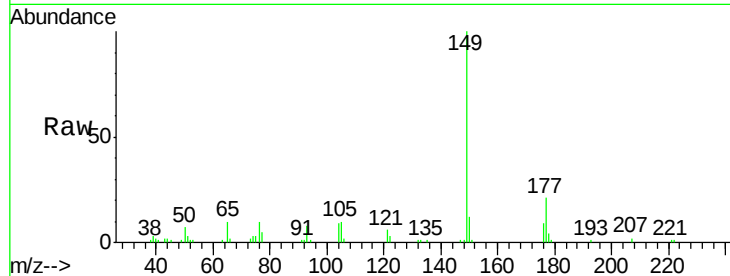
#59
Diethylphthalate
Concen: 1.828 ng
RT: 15.80 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	66868		
177	21.4	18.3	27.5	
150	12.3	9.8	14.8	

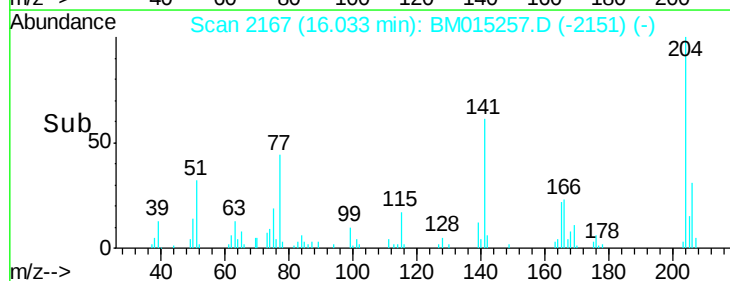
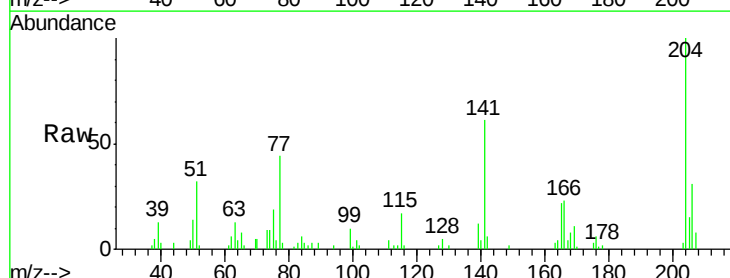
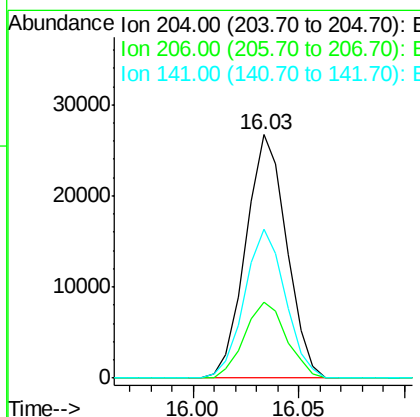
Manual Integrations
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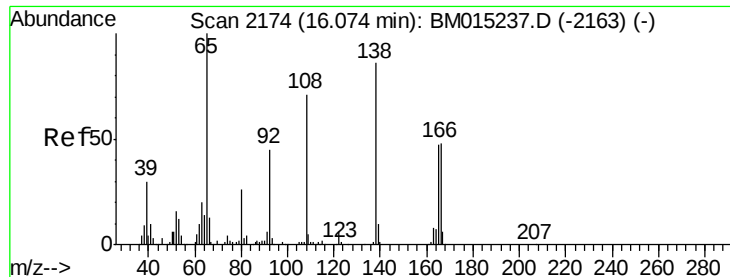
Sohil
5/23/2018 3:27:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 1.949 ng
RT: 16.03 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	35845		
206	31.0	26.6	39.8	
141	61.1	45.2	67.8	





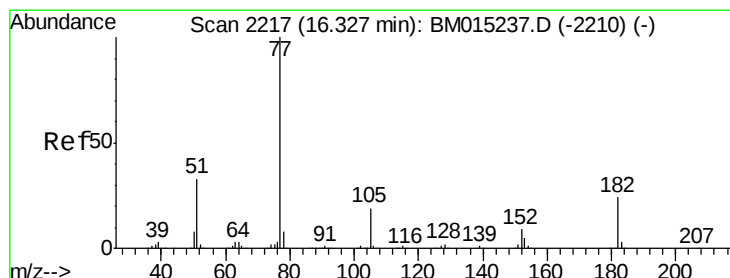
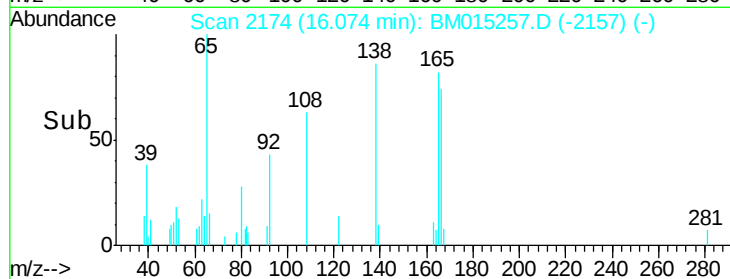
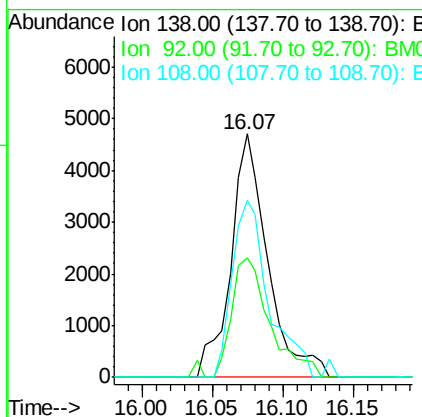
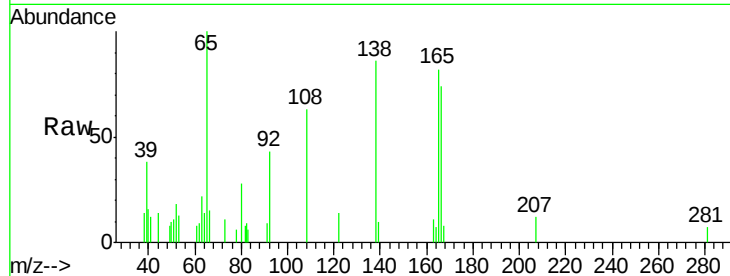
#61
4-Nitroaniline
Concen: 1.007 ng
RT: 16.07 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	16.7	56.7
108	72.8	37.6	77.6

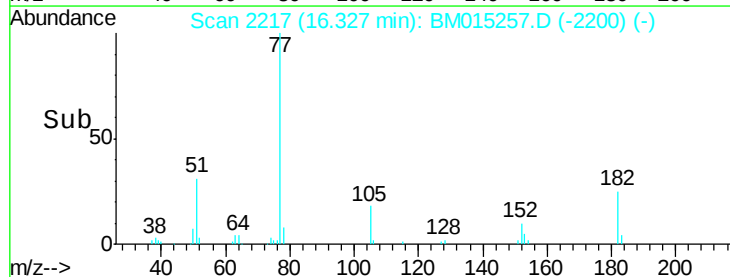
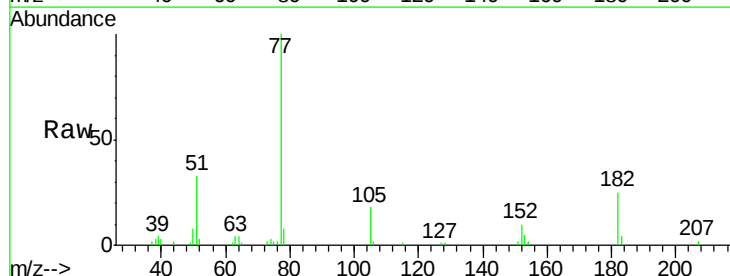
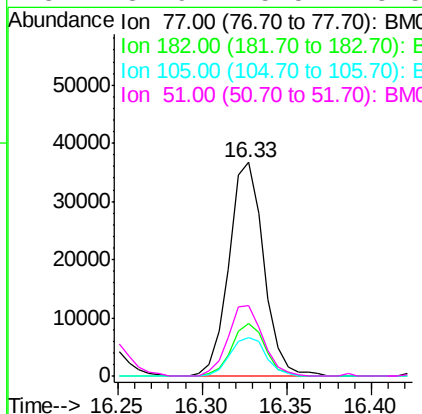
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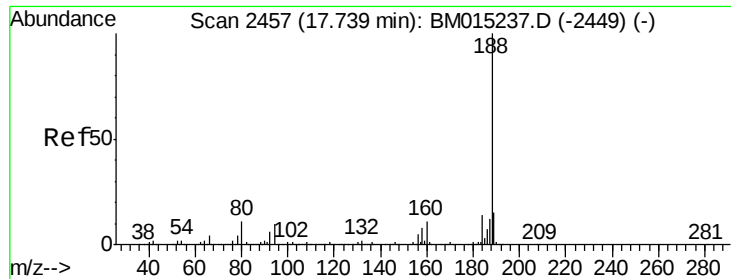
Sohil
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#62
Azobenzene
Concen: 1.510 ng
RT: 16.33 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	6.5	46.5
105	18.0	3.8	43.8
51	32.9	5.5	45.5





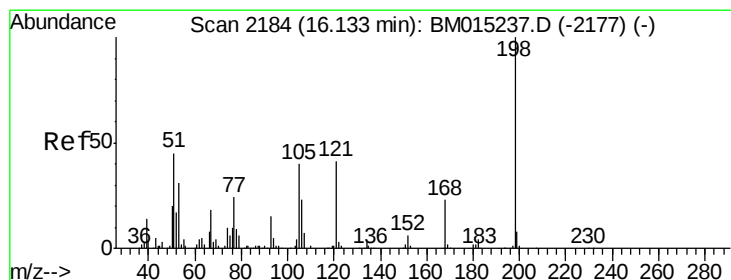
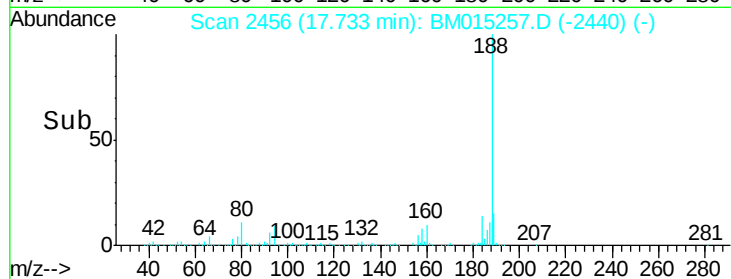
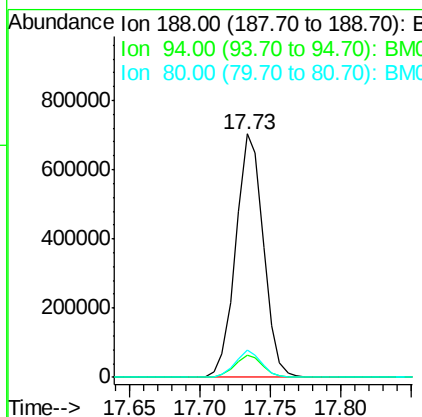
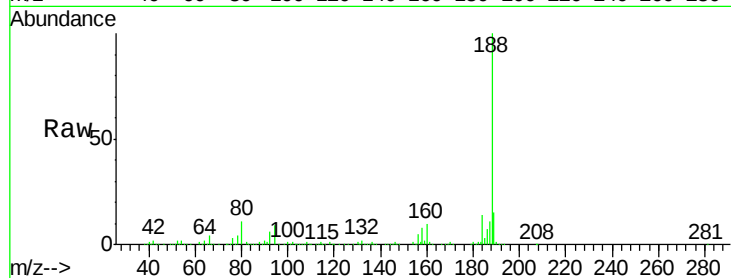
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	956391		
94	9.3	8.7	13.1	
80	11.1	9.3	13.9	

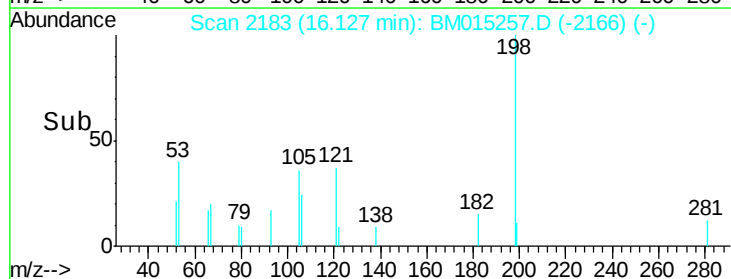
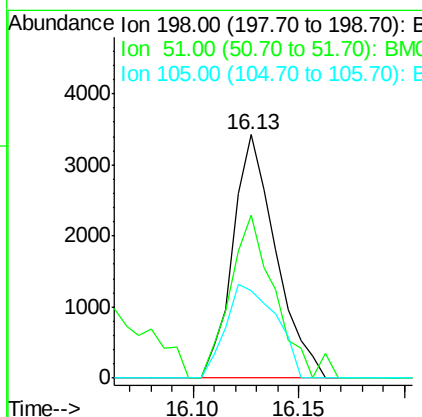
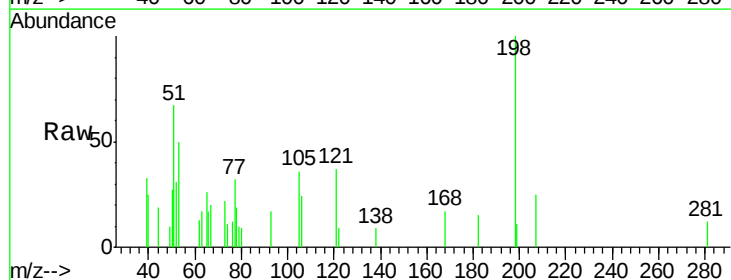
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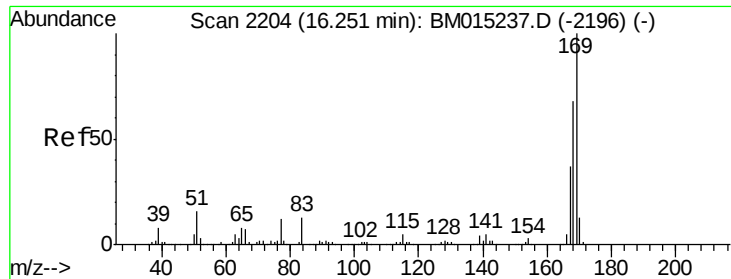
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 0.915 ng
RT: 16.13 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	4831		
51	67.0	28.8	68.8	
105	35.9	30.5	70.5	





#65

n-Nitrosodiphenylamine

Concen: 1.720 ng

RT: 16.24 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

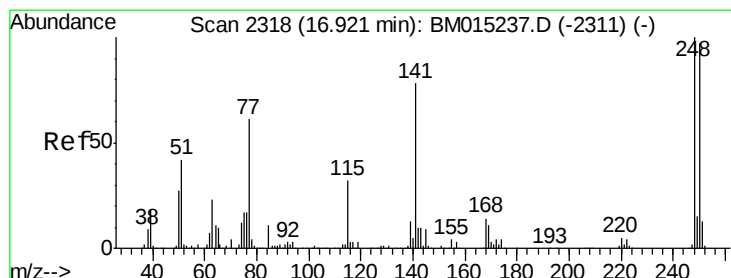
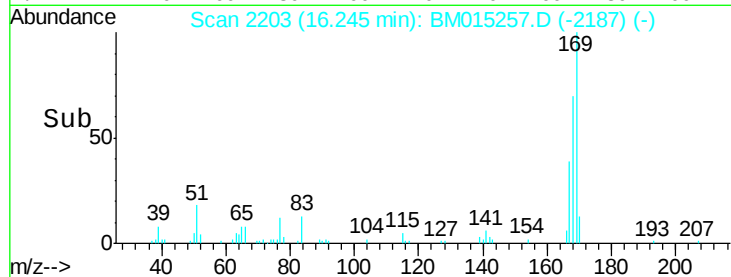
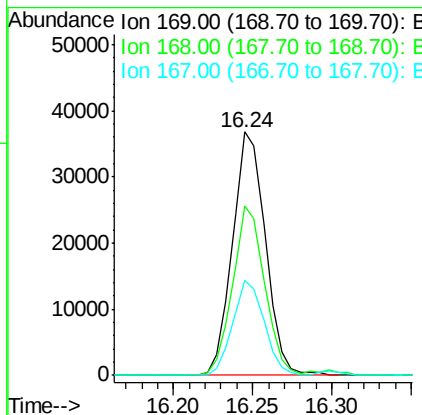
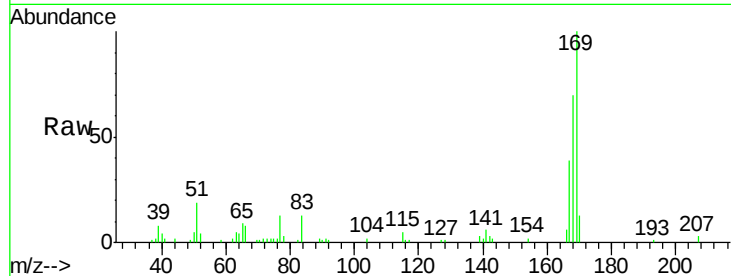
ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion:	169	Resp:	52871
Ion Ratio	Lower	Upper	
169	100		
168	69.7	53.9	80.9
167	38.9	28.9	43.3

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#66

4-Bromophenyl-phenylether

Concen: 1.817 ng

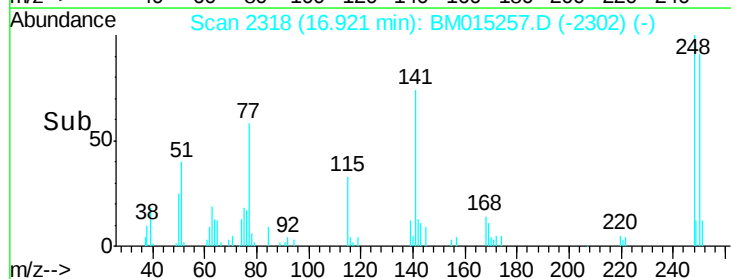
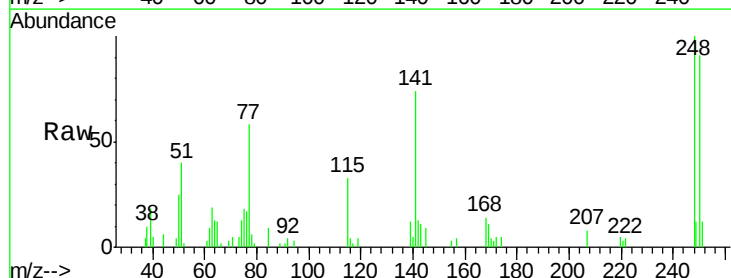
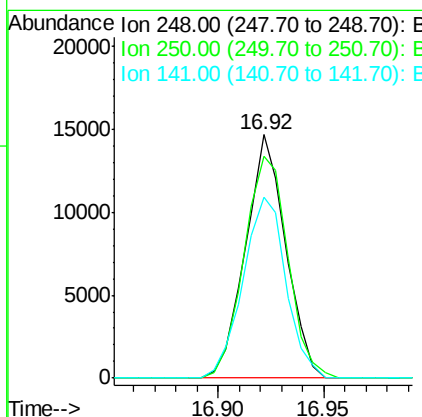
RT: 16.92 min Scan# 2318

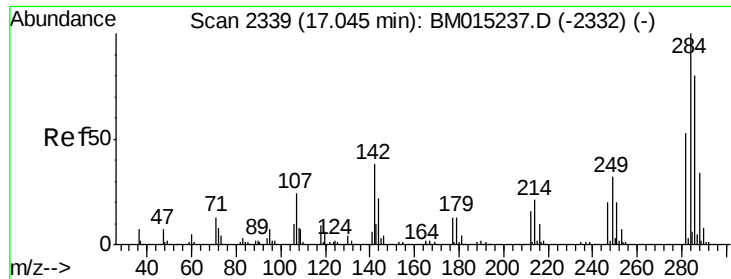
Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion:	248	Resp:	19414
Ion Ratio	Lower	Upper	
248	100		
250	91.0	77.4	116.0
141	74.2	45.2	67.8#





#67

Hexachlorobenzene

Concen: 1.938 ng

RT: 17.04 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

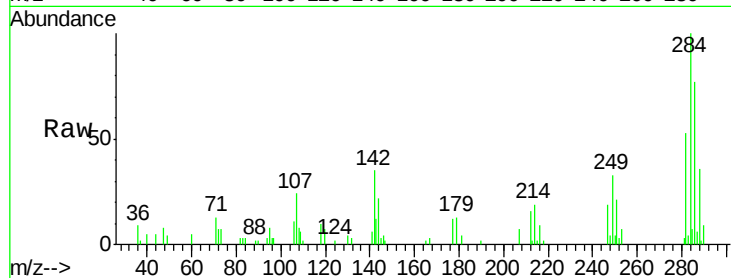
ClientSampleId :

MDL-WATER-03-QT2-2018

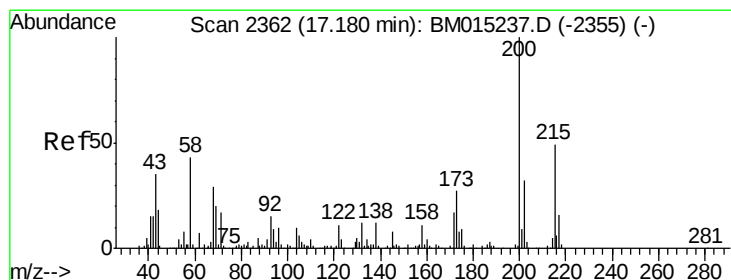
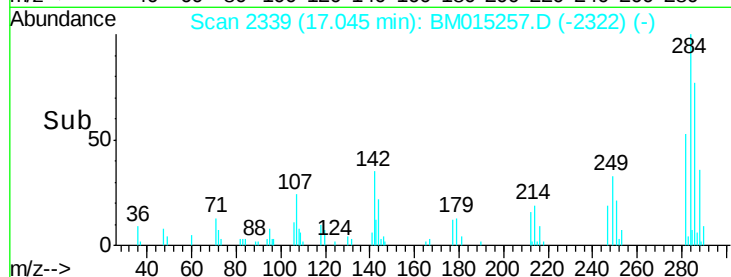
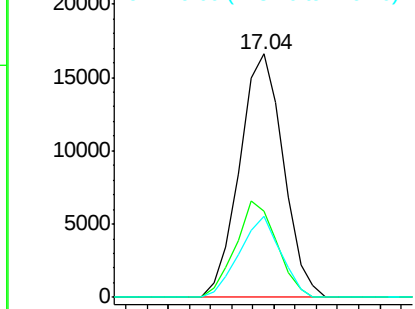
Tgt Ion:	284	Resp:	23853
Ion Ratio	Lower	Upper	
284	100		
142	35.5	20.4	30.6#
249	33.1	23.8	35.6

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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



#68

Atrazine

Concen: 1.042 ng

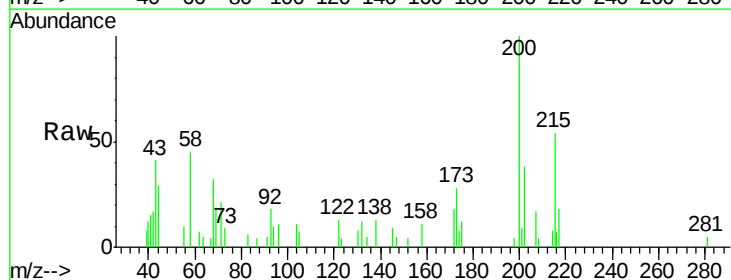
RT: 17.17 min Scan# 2361

Delta R.T. -0.01 min

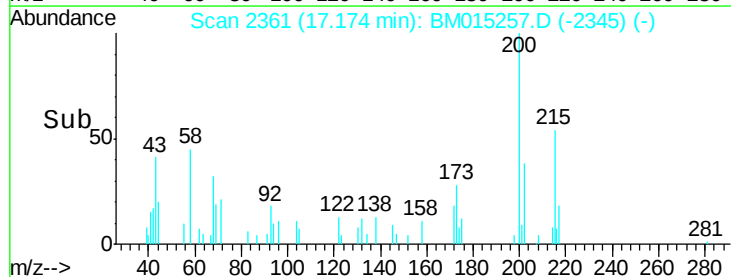
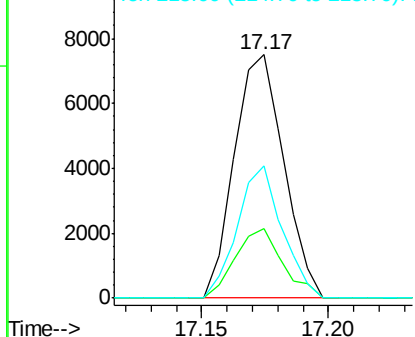
Lab File: BM015257.D

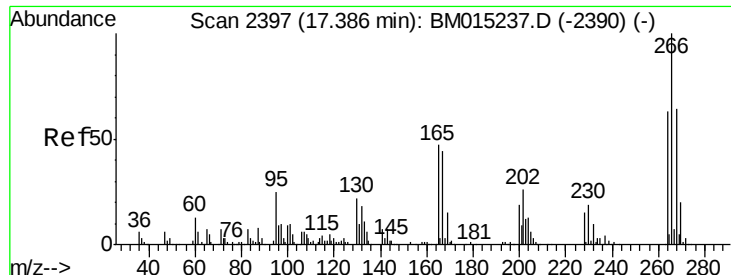
Acq: 23 May 2018 01:30

Tgt Ion:	200	Resp:	10158
Ion Ratio	Lower	Upper	
200	100		
173	28.4	4.8	44.8
215	54.2	26.9	66.9



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





#69

Pentachlorophenol

Concen: 1.170 ng

RT: 17.39 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

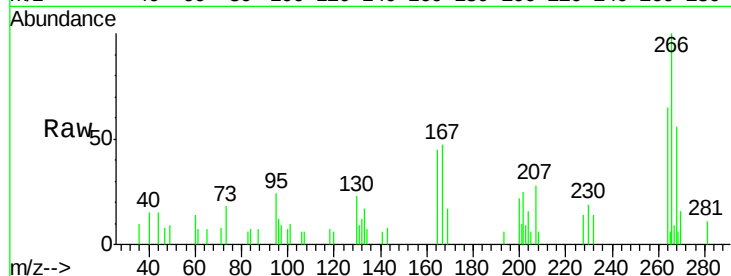
ClientSampleId :

MDL-WATER-03-QT2-2018

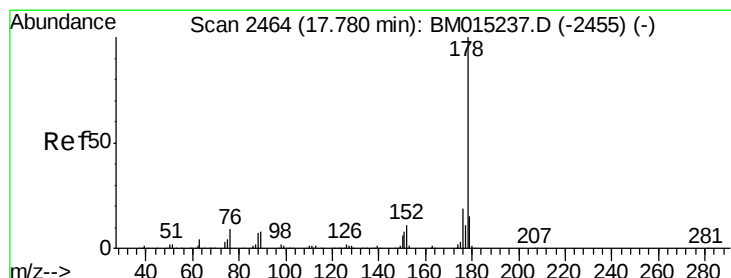
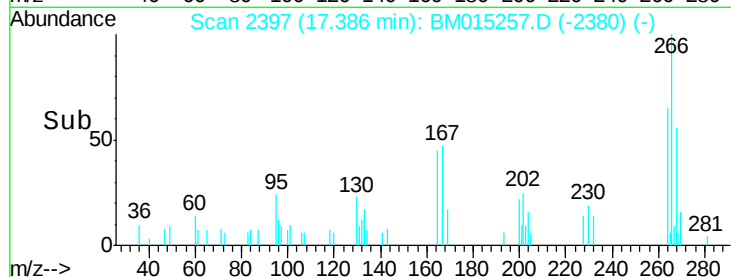
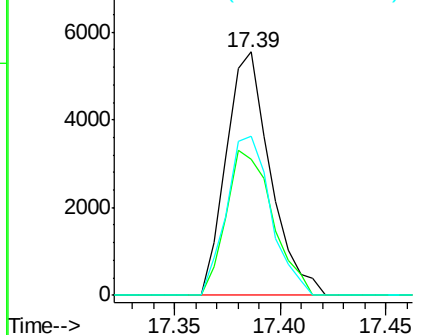
Tgt Ion:	266	Resp:	8013
Ion Ratio	Lower	Upper	
266	100		
268	61.9	52.0	78.0
264	65.5	49.0	73.4

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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



#70

Phenanthrene

Concen: 1.923 ng

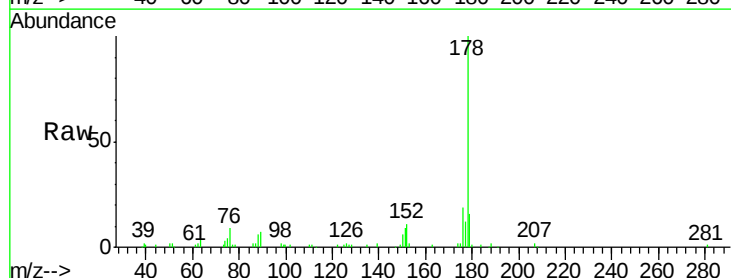
RT: 17.77 min Scan# 2463

Delta R.T. -0.01 min

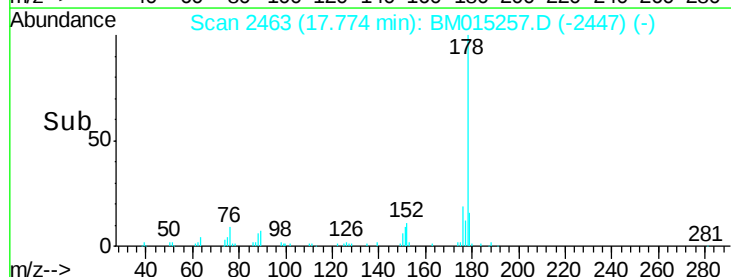
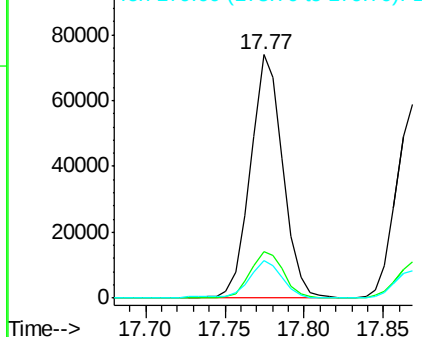
Lab File: BM015257.D

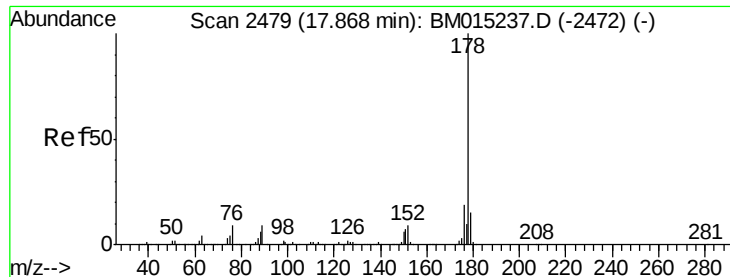
Acq: 23 May 2018 01:30

Tgt Ion:	178	Resp:	104732
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.2	22.8
179	15.6	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





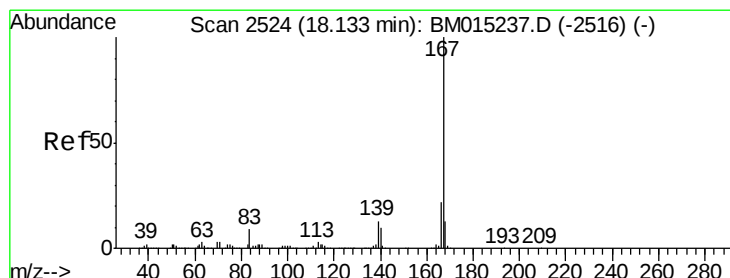
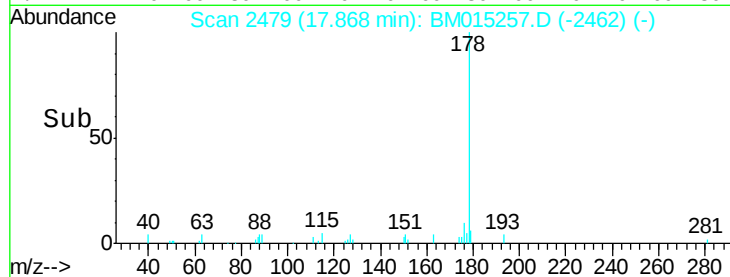
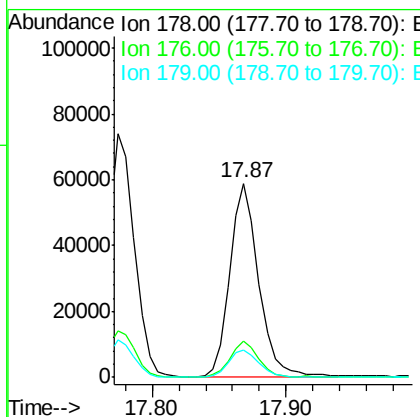
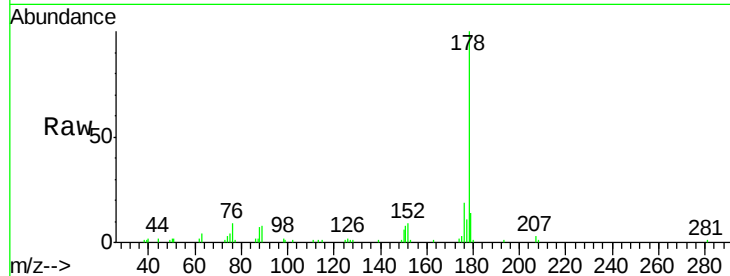
#71
 Anthracene
 Concen: 1.651 ng
 RT: 17.87 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	14.1	12.6	19.0

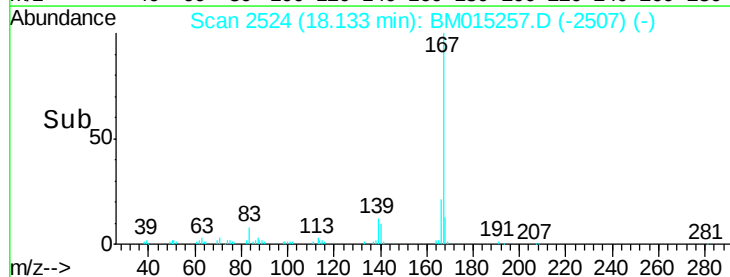
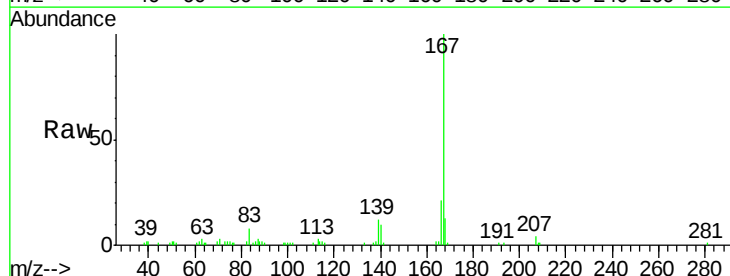
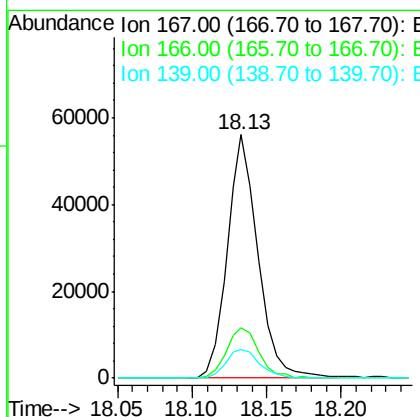
Manual Integrations
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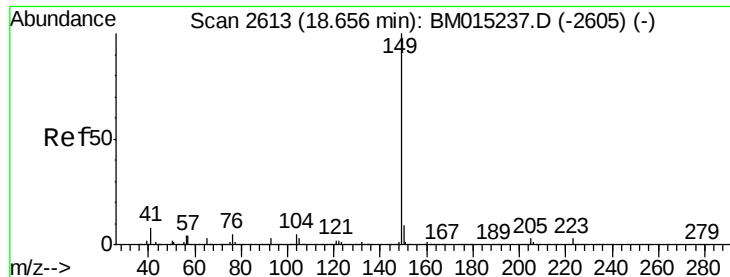
Sohil
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#72
 Carbazole
 Concen: 1.677 ng
 RT: 18.13 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.2	25.8
139	12.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 1.461 ng

RT: 18.65 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

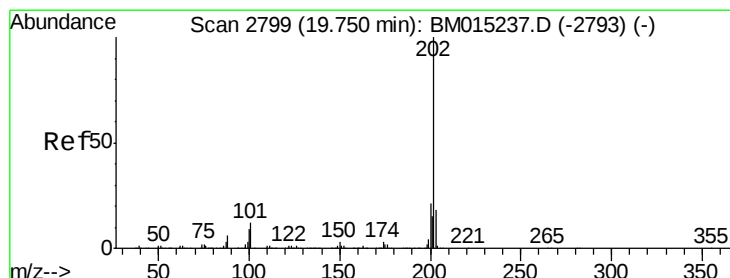
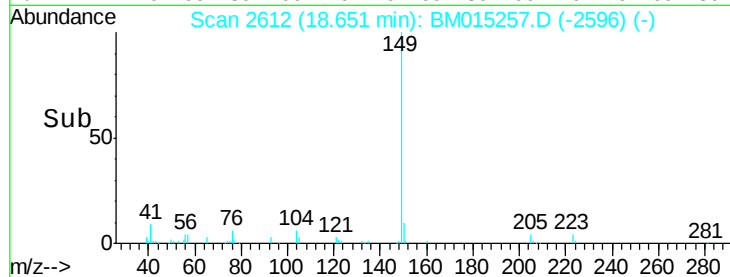
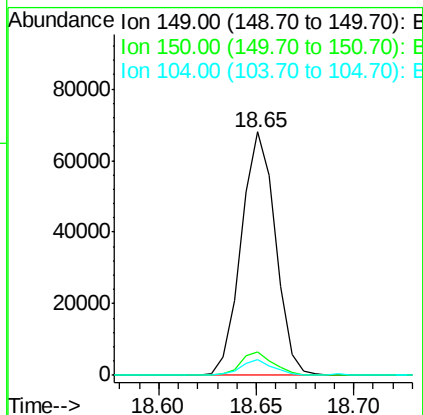
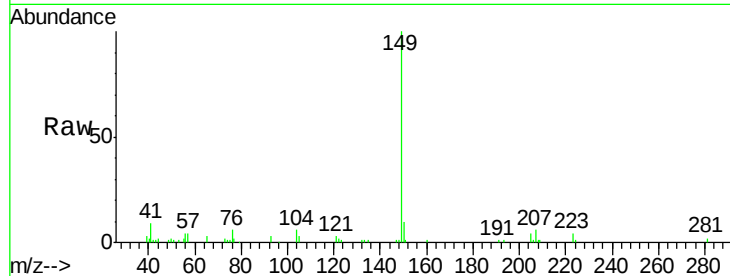
ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion:	149	Resp:	82666
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.5	11.3
104	6.4	3.7	5.5

Manual Integrations
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#74

Fluoranthene

Concen: 1.723 ng

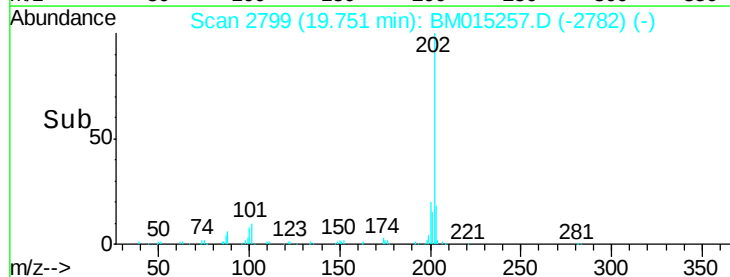
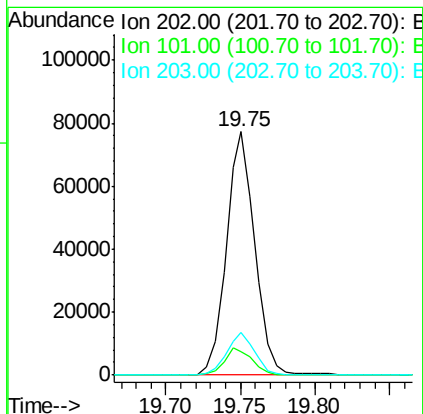
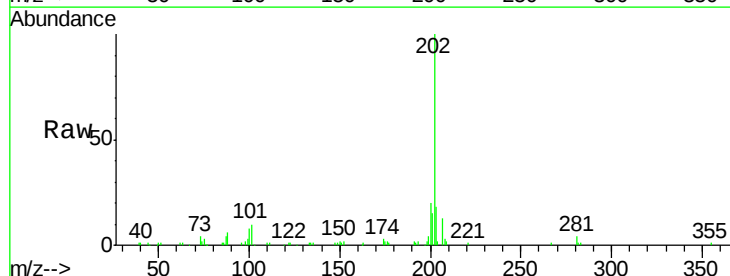
RT: 19.75 min Scan# 2799

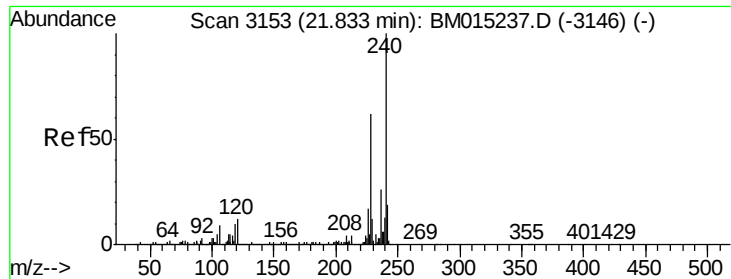
Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion:	202	Resp:	102926
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	28.7
203	17.6	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

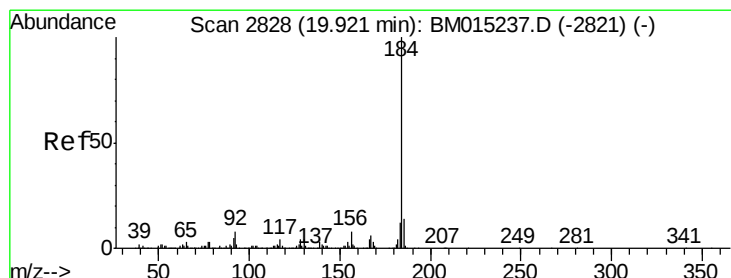
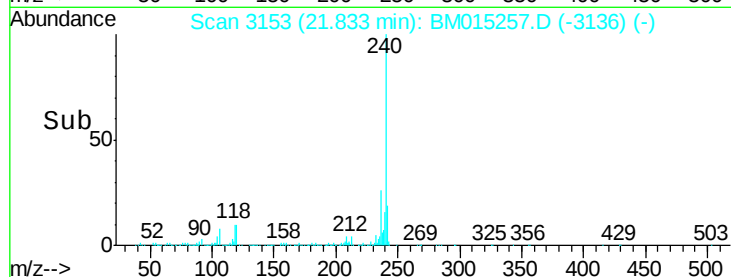
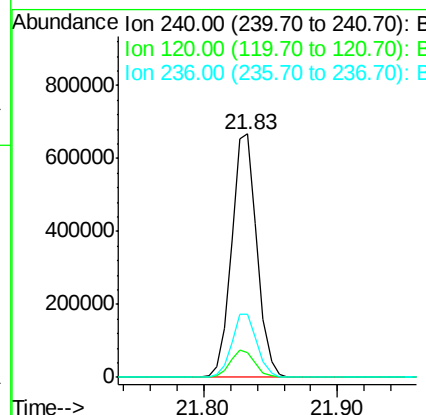
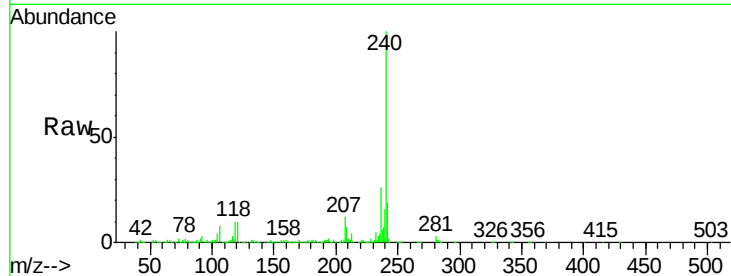
ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	885967		
120	10.0	8.2	12.2	
236	26.1	20.0	30.0	

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#76

Benzidine

Concen: 0.869 ng

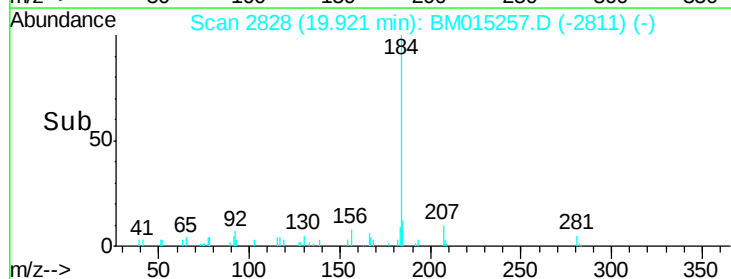
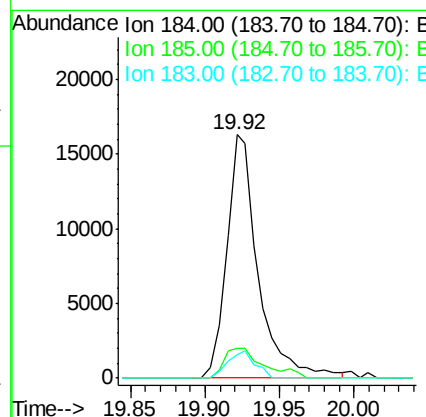
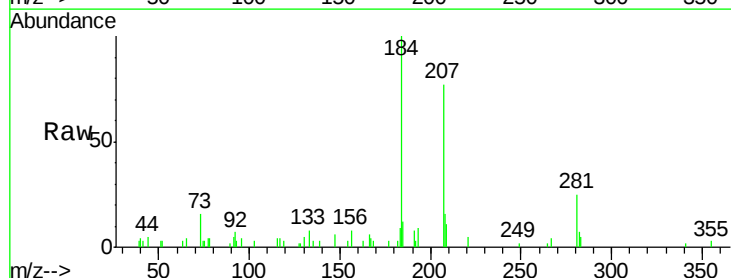
RT: 19.92 min Scan# 2828

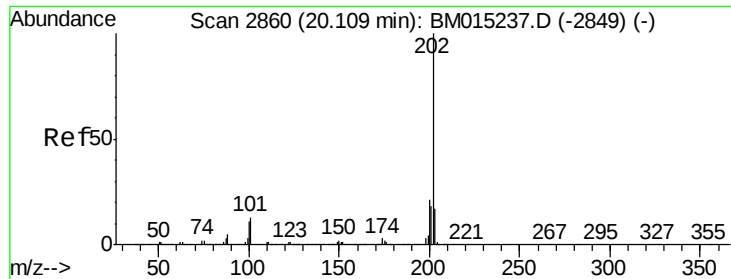
Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	24102		
185	12.3	11.3	16.9	
183	9.5	8.9	13.3	





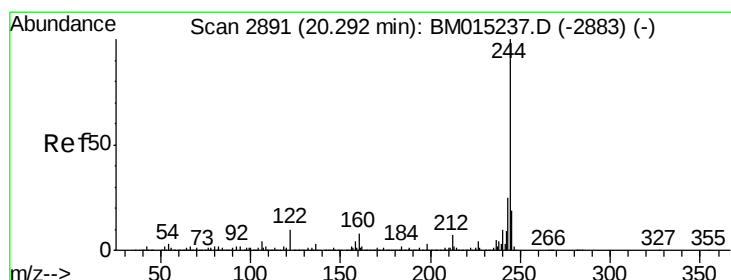
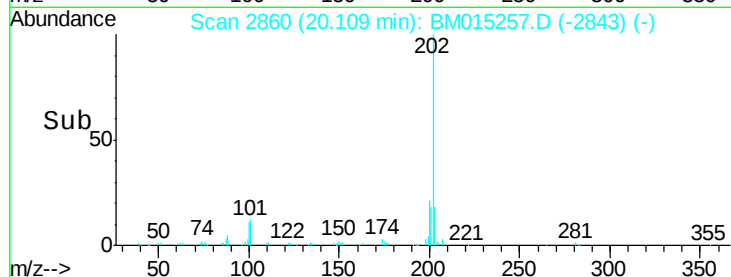
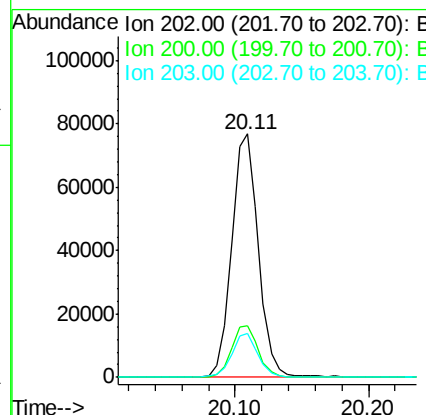
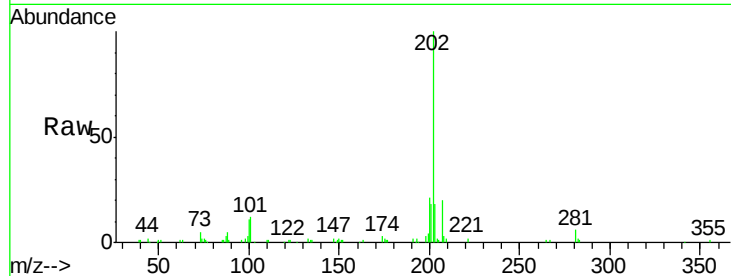
#77
 Pyrene
 Concen: 1.919 ng
 RT: 20.11 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	16.9	25.3
203	17.9	14.1	21.1

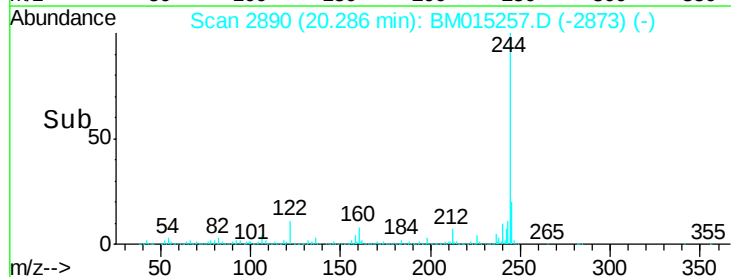
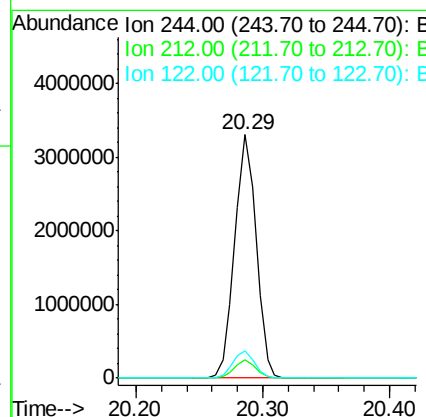
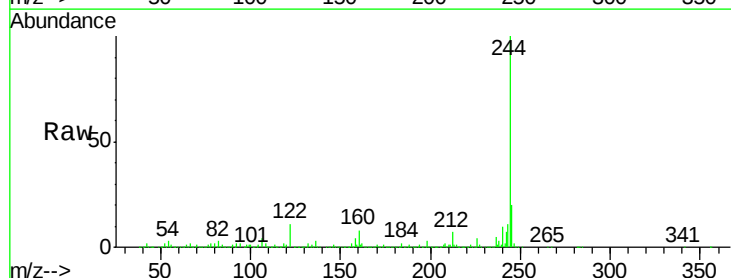
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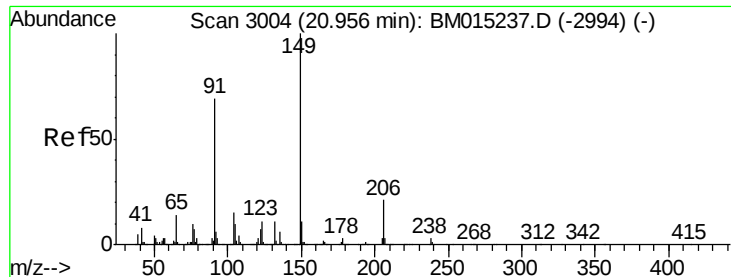
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#78
 Terphenyl-d14
 Concen: 96.257 ng
 RT: 20.29 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.5	4.9	7.3#
122	11.1	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 1.453 ng

RT: 20.95 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

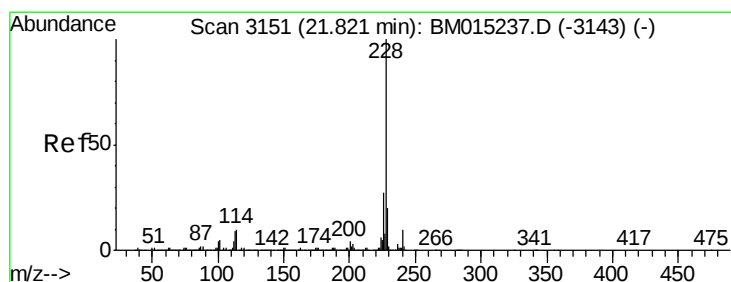
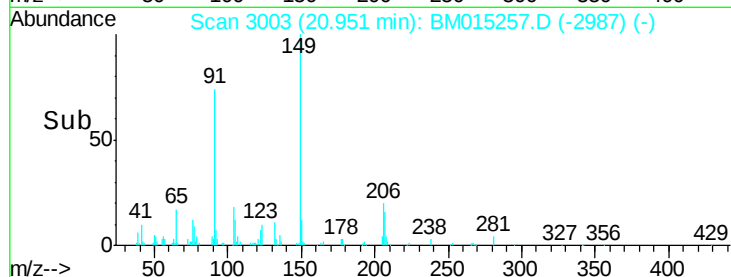
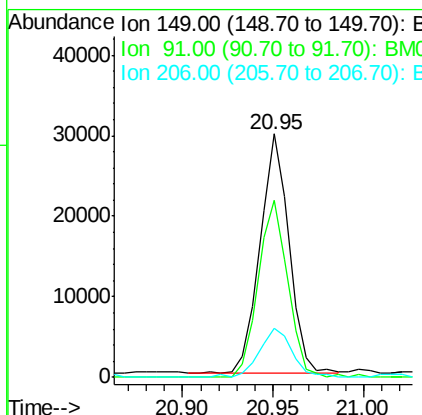
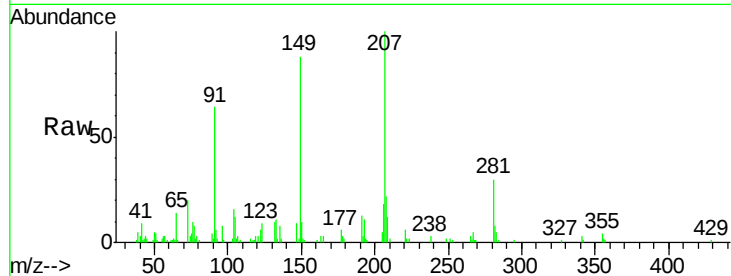
ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion:	149	Resp:	33180
Ion Ratio	Lower	Upper	
149	100		
91	72.7	50.1	75.1
206	20.1	16.2	24.2

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#80

Benzo(a)anthracene

Concen: 1.883 ng

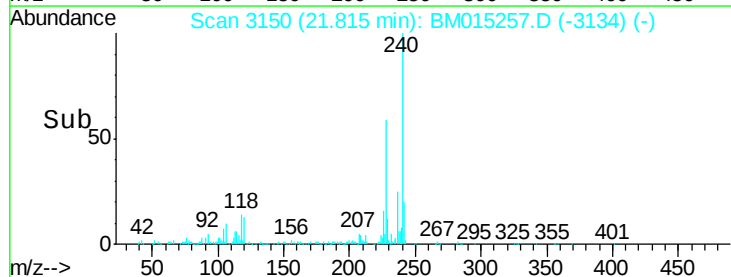
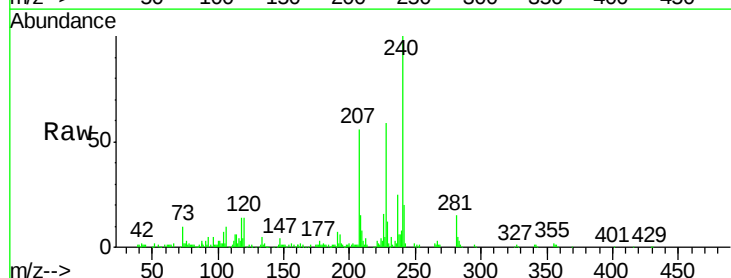
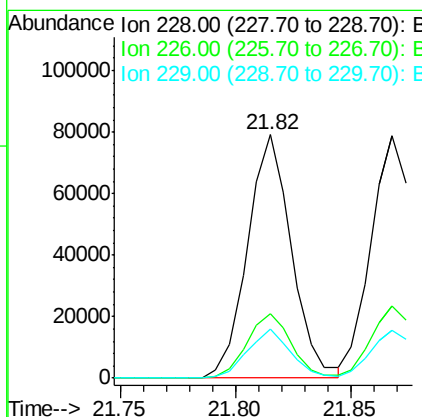
RT: 21.82 min Scan# 3150

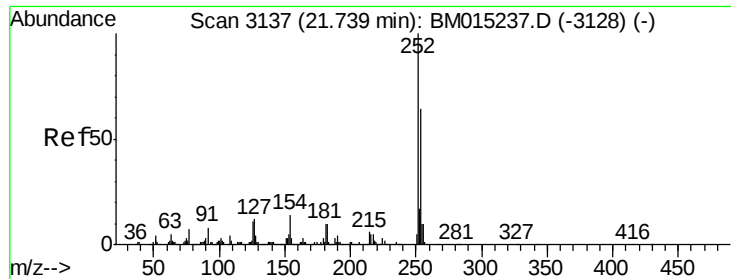
Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion:	228	Resp:	105133
Ion Ratio	Lower	Upper	
228	100		
226	26.6	21.7	32.5
229	20.0	16.0	24.0





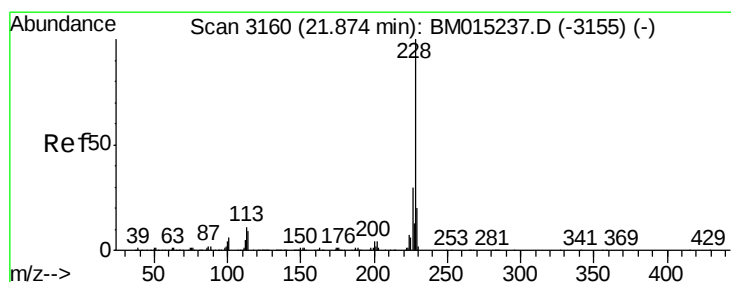
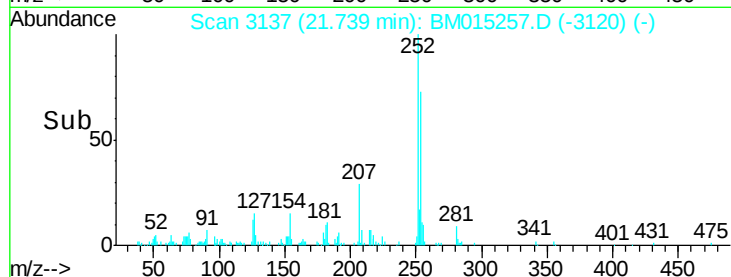
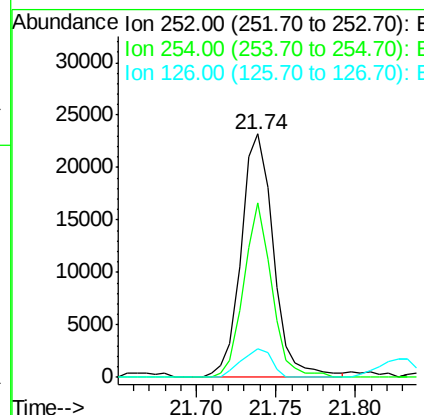
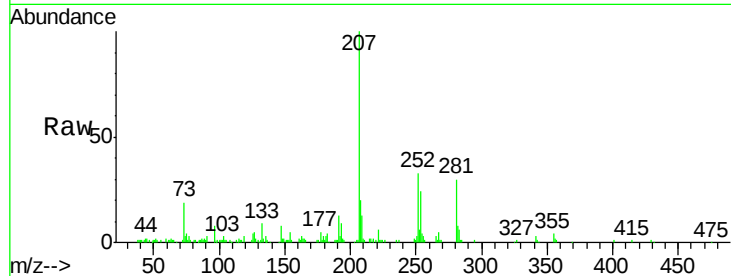
#81
 3,3'-Dichlorobenzidine
 Concen: 1.596 ng
 RT: 21.74 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	32986		
254	71.6		51.9	77.9
126	11.5		9.8	14.8

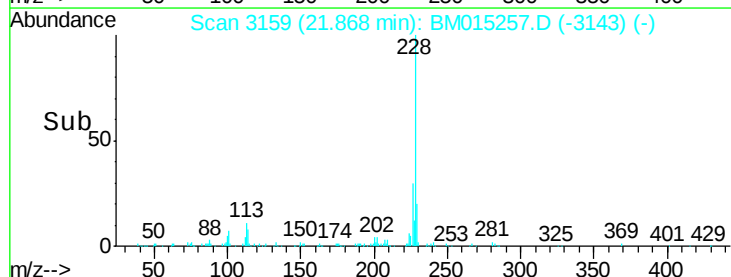
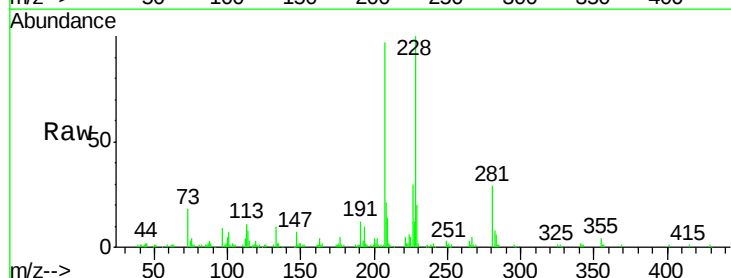
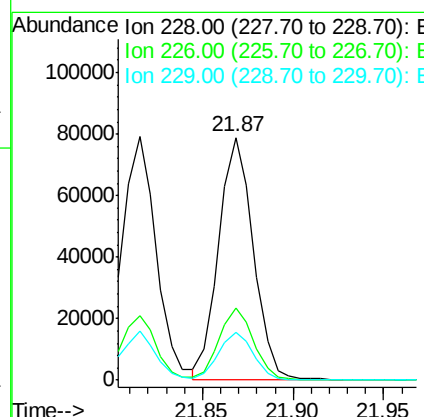
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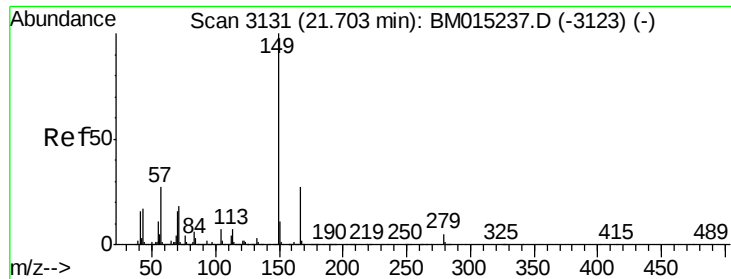
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#82
 Chrysene
 Concen: 1.994 ng
 RT: 21.87 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	104829		
226	29.5		24.1	36.1
229	19.7		15.5	23.3





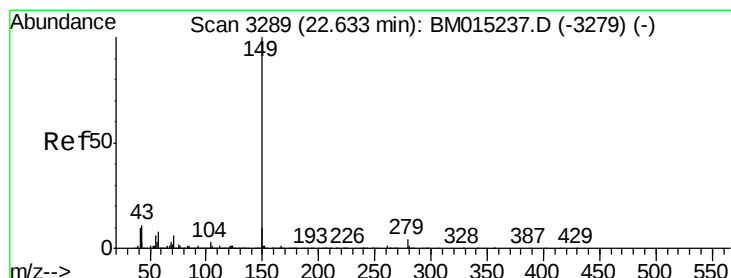
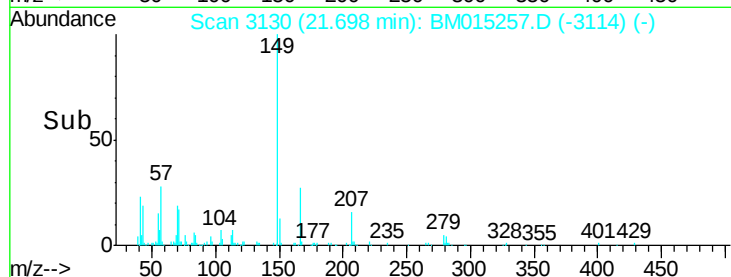
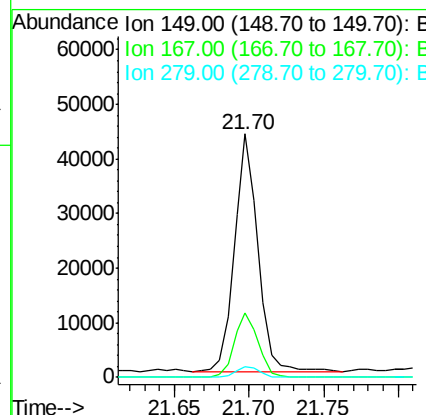
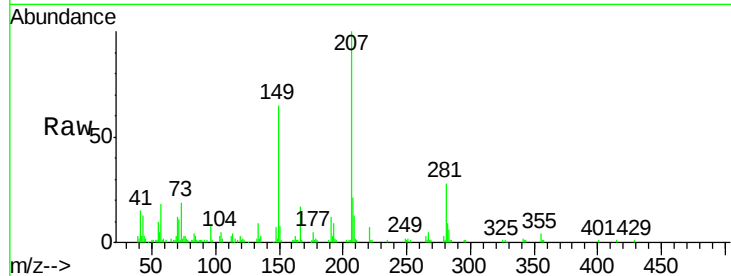
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.454 ng
 RT: 21.70 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.4	33.6
279	4.4	3.4	5.0

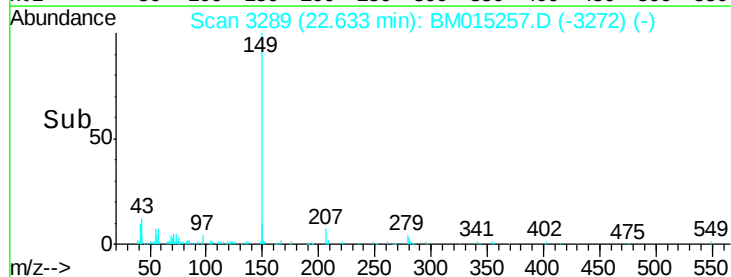
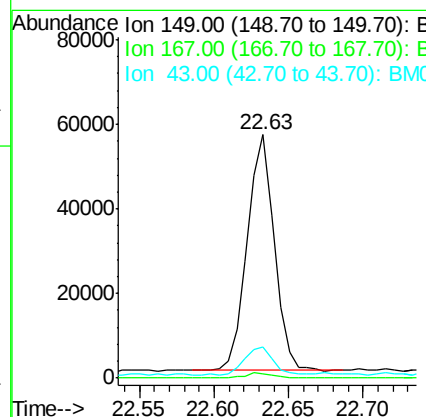
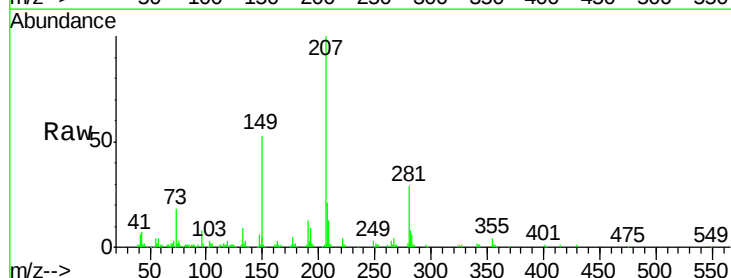
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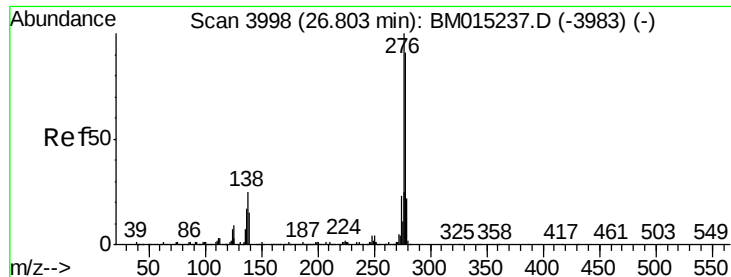
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#84
 Di-n-octyl phthalate
 Concen: 1.206 ng
 RT: 22.63 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: BM015257.D
 Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.2	1.2	1.8#
43	12.6	7.3	10.9#





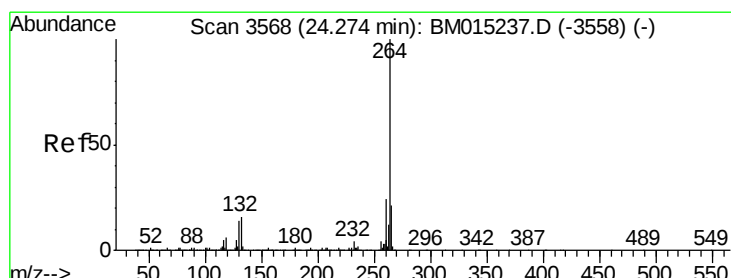
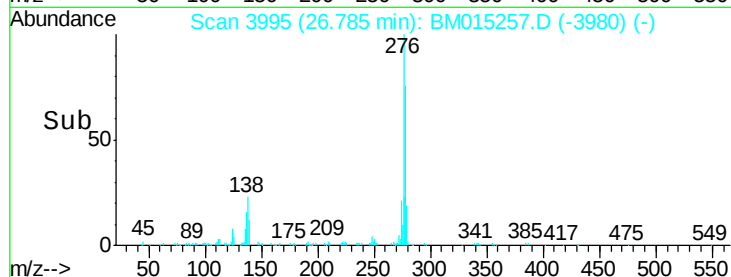
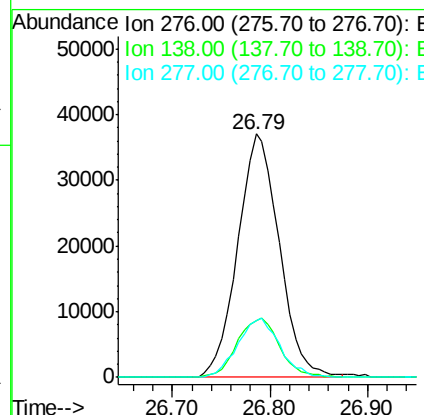
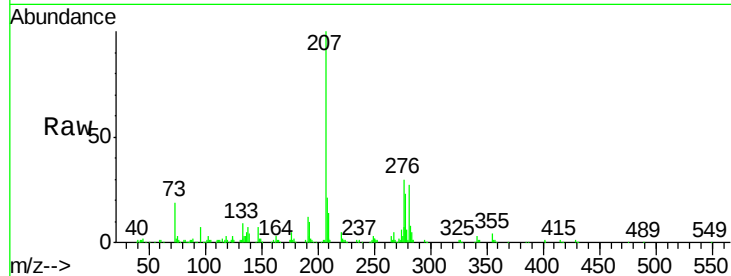
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.722 ng
RT: 26.79 min Scan# 3995
Delta R.T. -0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	12.0	18.0#
277	24.5	20.0	30.0

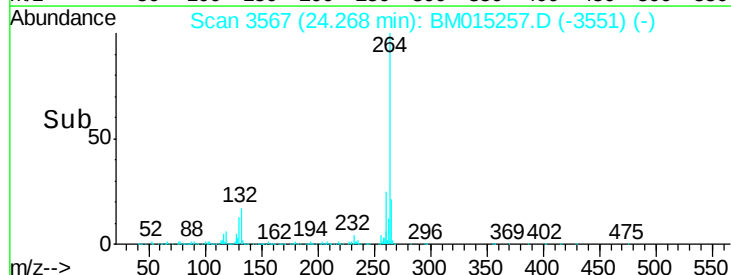
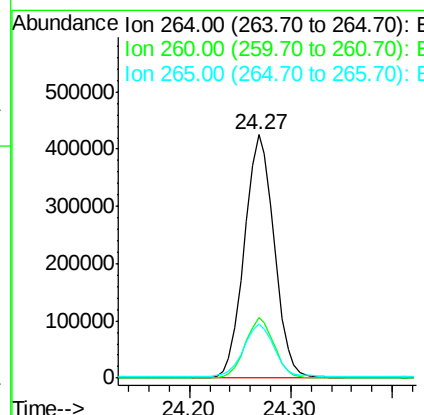
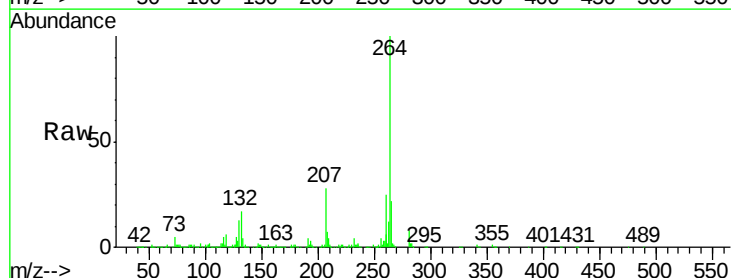
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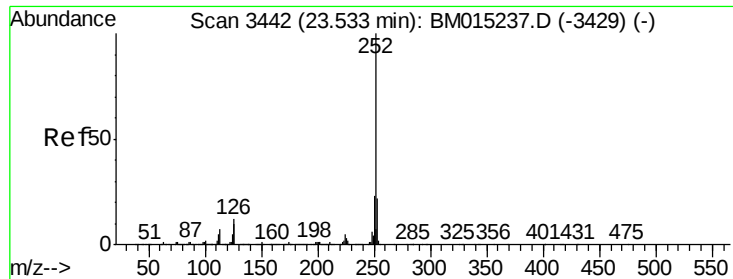
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.27 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	22.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 1.849 ng

RT: 23.53 min Scan# 3441

Delta R.T. 0.00 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

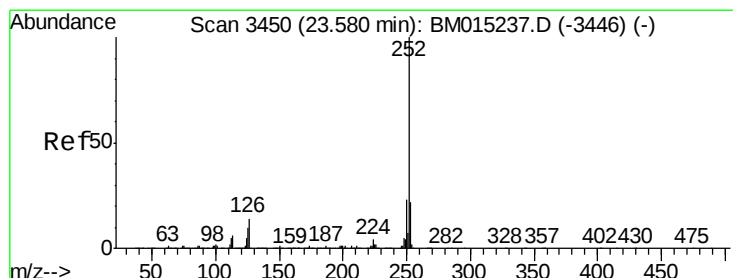
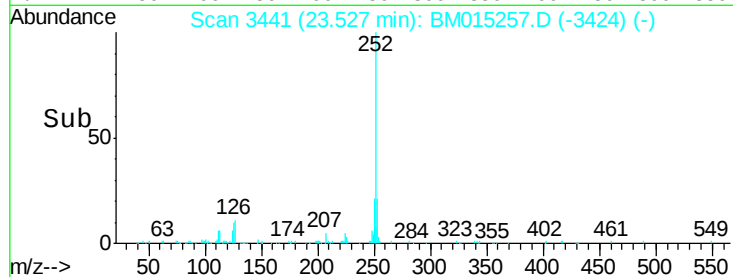
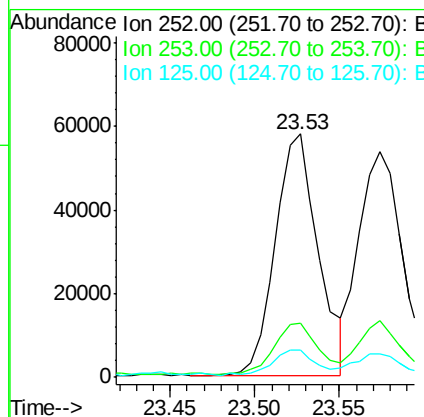
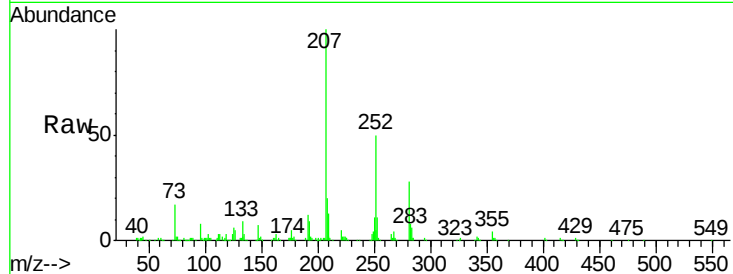
Instrument :
BNA_M

ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	18.0	27.0
125	11.1	9.9	14.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 1.835 ng

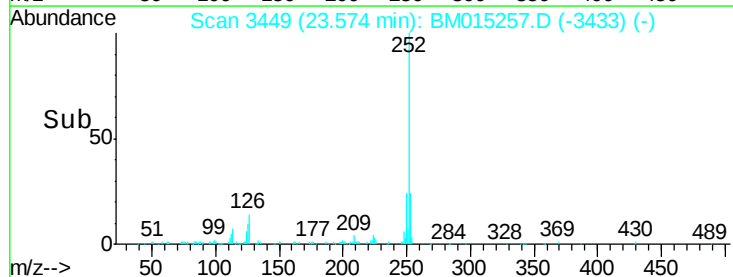
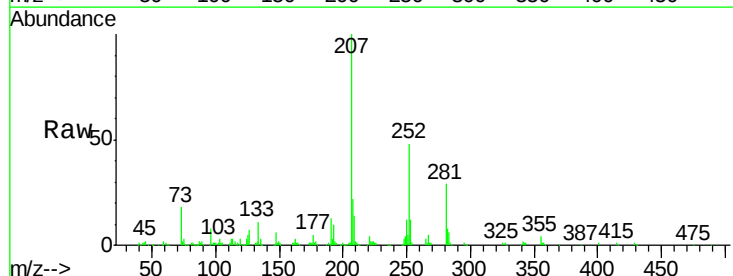
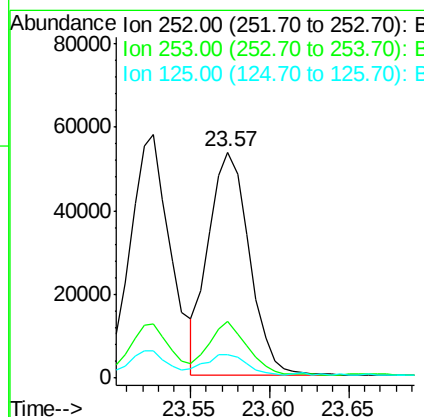
RT: 23.57 min Scan# 3449

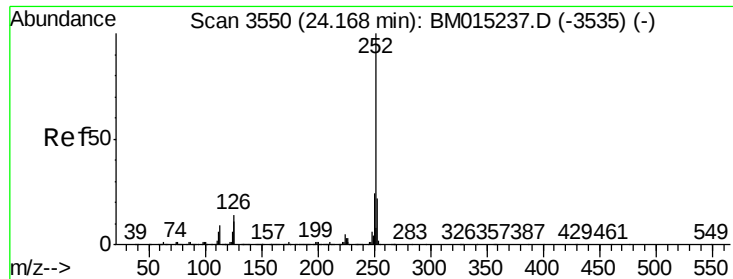
Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.9	17.2	25.8
125	10.6	8.1	12.1





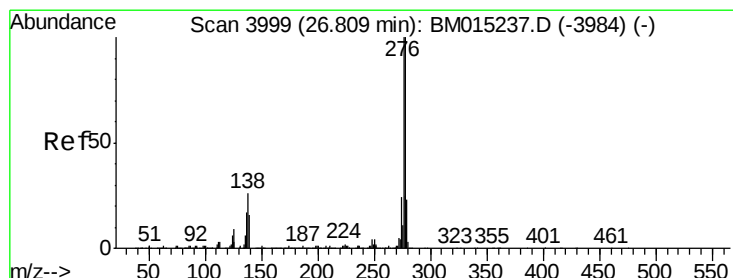
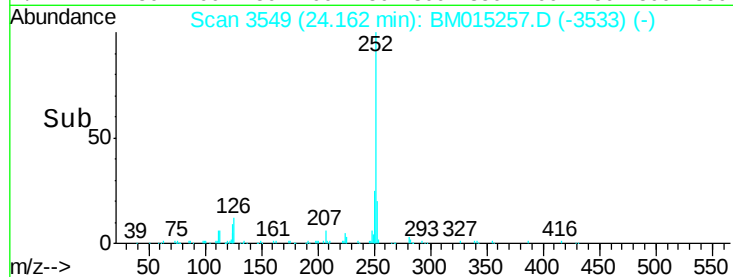
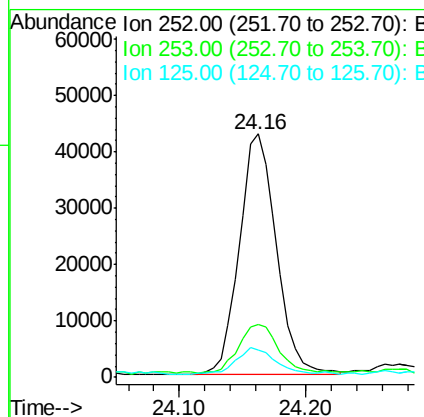
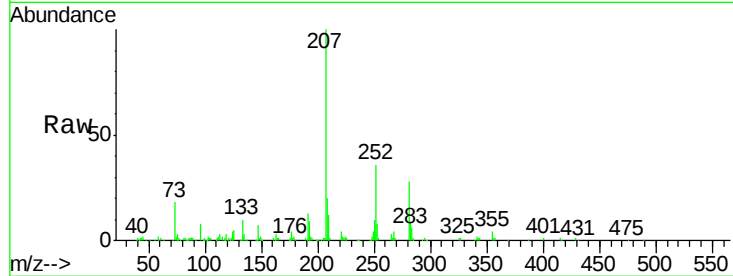
#89
Benzo(a)pyrene
Concen: 1.671 ng
RT: 24.16 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.6	17.6	26.4
125	11.3	7.4	11.2

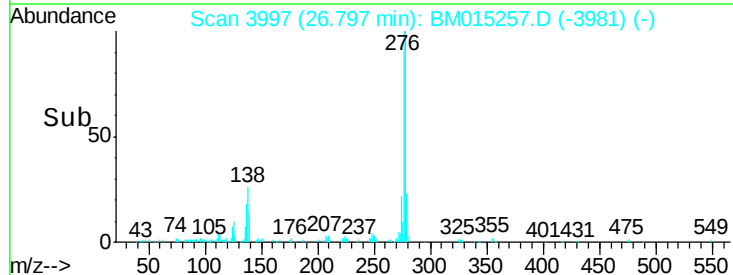
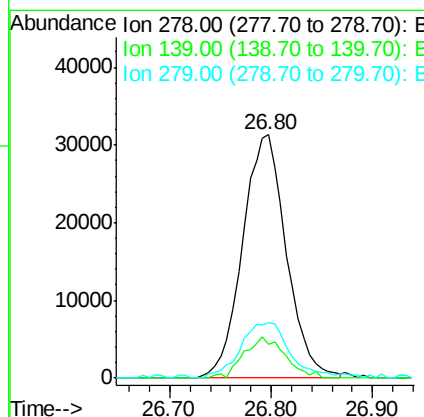
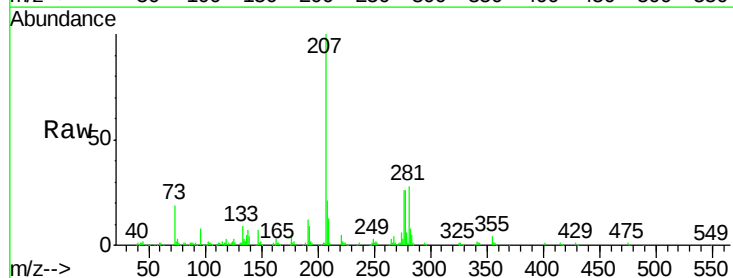
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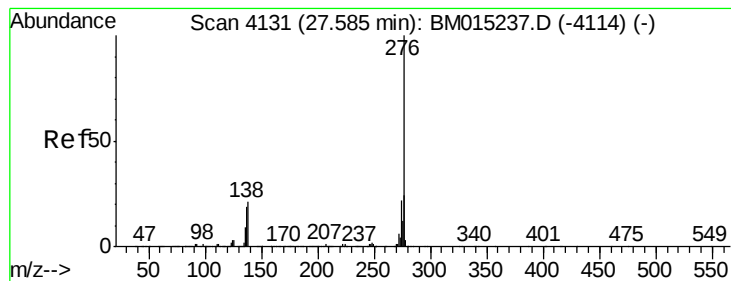
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 1.788 ng
RT: 26.80 min Scan# 3997
Delta R.T. -0.01 min
Lab File: BM015257.D
Acq: 23 May 2018 01:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	13.9	13.4	20.0
279	22.6	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 1.756 ng

RT: 27.56 min Scan# 4127

Delta R.T. -0.01 min

Lab File: BM015257.D

Acq: 23 May 2018 01:30

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion:	276	Resp:	89893
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.5	27.7
138	21.3	19.0	28.6

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