

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017180.D
 Acq On : 18 Oct 2018 06:09
 Operator : MJ/SJ
 Sample : J5164-09
 Misc : MDL 2 PPM
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 10/18/2018 5:33:35 PM

Quant Time: Oct 18 14:15:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	183938	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	758211	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	435694	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1032220	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1191360	20.00	ng	-0.01
87) Perylene-d12	23.47	264	1222105	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1556844	143.15	ng	0.00
7) Phenol-d6	6.85	99	2030614	137.10	ng	0.00
23) Nitrobenzene-d5	8.82	82	1172303	90.43	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	898788	152.54	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2837327	86.65	ng	0.00
79) Terphenyl-d14	19.70	244	4487774	84.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	11443	2.061	ng	99
3) Pyridine	3.66	79	26885	2.104	ng	# 91
4) n-Nitrosodimethylamine	3.57	42	11680	2.277	ng	# 73
6) Aniline	7.01	93	24510	1.323	ng	98
8) 2-Chlorophenol	7.24	128	26387	2.097	ng	97
9) Benzaldehyde	6.83	77	23183	2.455	ng	93
10) Phenol	6.88	94	32451	2.036	ng	84
11) bis(2-Chloroethyl)ether	7.11	93	24014	1.890	ng	98
12) 1,3-Dichlorobenzene	7.56	146	29340	2.000	ng	95
13) 1,4-Dichlorobenzene	7.71	146	28167	1.880	ng	97
14) 1,2-Dichlorobenzene	8.02	146	28168	1.951	ng	96
15) Benzyl Alcohol	7.92	79	19218	1.775	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.20	45	32116	1.809	ng	91
17) 2-Methylphenol	8.11	107	18430	1.801	ng	91
18) Hexachloroethane	8.73	117	10327	2.014	ng	88
19) n-Nitroso-di-n-propylamine	8.48	70	16597	1.702	ng	92
20) 3+4-Methylphenols	8.44	107	24340	1.739	ng	92
22) Acetophenone	8.49	105	36807	1.915	ng	# 92
24) Nitrobenzene	8.86	77	30174	2.200	ng	# 88
25) Isophorone	9.39	82	44891	2.097	ng	95
26) 2-Nitrophenol	9.58	139	8977	6.936	ng	91
27) 2,4-Dimethylphenol	9.63	122	20344	2.149	ng	90
28) bis(2-Chloroethoxy)methane	9.88	93	30607	2.031	ng	100
29) 2,4-Dichlorophenol	10.10	162	18538	1.687	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	26452	2.006	ng	94
31) Naphthalene	10.50	128	80651	2.171	ng	98
32) Benzoic acid	9.70	122	6749	0.956	ng	89
33) 4-Chloroaniline	10.63	127	20122	1.254	ng	94
34) Hexachlorobutadiene	10.78	225	17678	2.116	ng	94
35) Caprolactam	11.40	113	4827	1.205	ng	# 83
36) 4-Chloro-3-methylphenol	11.75	107	20665	1.668	ng	94
37) 2-Methylnaphthalene	12.12	142	56548	2.224	ng	98
38) 1-Methylnaphthalene	12.33	142	55551	2.245	ng	# 92
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	29765	1.940	ng	99

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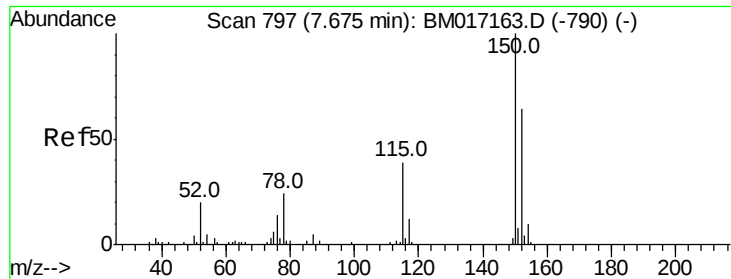
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	17229	2.323	ng	95
43) 2,4,6-Trichlorophenol	12.73	196	14724	1.653	ng	95
44) 2,4,5-Trichlorophenol	12.81	196	16700	1.748	ng	93
46) 1,1'-Biphenyl	13.14	154	77087	1.966	ng	95
47) 2-Chloronaphthalene	13.18	162	57797	2.004	ng	98
48) 2-Nitroaniline	13.40	65	11348	6.915	ng	96
49) Acenaphthylene	14.03	152	82254	1.967	ng	98
50) Dimethylphthalate	13.77	163	69530	2.068	ng #	95
51) 2,6-Dinitrotoluene	13.89	165	11202	1.514	ng #	77
52) Acenaphthene	14.37	154	54063	2.059	ng	96
53) 3-Nitroaniline	14.23	138	9442	1.178	ng #	88
54) 2,4-Dinitrophenol	14.45	184	3714	8.994	ng	92
55) Dibenzofuran	14.72	168	89272	2.045	ng	98
56) 4-Nitrophenol	14.55	139	6721	5.583	ng	89
57) 2,4-Dinitrotoluene	14.69	165	14027	1.411	ng #	80
58) Fluorene	15.36	166	68647	2.124	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.94	232	15810	1.816	ng #	96
60) Diethylphthalate	15.15	149	67889	2.037	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	36975	2.007	ng	98
62) 4-Nitroaniline	15.40	138	10586	5.821	ng	90
63) Azobenzene	15.66	77	54793	1.691	ng	94
65) 4,6-Dinitro-2-methylphenol	15.46	198	6632	7.857	ng	97
66) n-Nitrosodiphenylamine	15.58	169	55232	1.769	ng	98
67) 4-Bromophenyl-phenylether	16.26	248	21853	1.928	ng	97
68) Hexachlorobenzene	16.36	284	26293	1.997	ng	96
69) Atrazine	16.54	200	18985	1.699	ng	97
70) Pentachlorophenol	16.71	266	9770	1.083	ng	94
71) Phenanthrene	17.10	178	120767	2.168	ng	98
72) Anthracene	17.19	178	107253	2.027	ng	99
73) Carbazole	17.47	167	91736	1.697	ng	98
74) Di-n-butylphthalate	18.04	149	92110	1.616	ng	99
75) Fluoranthene	19.12	202	129144	2.061	ng	100
77) Benzidine	19.32	184	25010	0.828	ng	97
78) Pyrene	19.49	202	130409	1.959	ng	99
80) Butylbenzylphthalate	20.40	149	35340	8.362	ng	97
81) Benzo(a)anthracene	21.24	228	138877	2.071	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	30428	1.218	ng	100
83) Chrysene	21.29	228	144549	2.178	ng	97
84) Bis(2-ethylhexyl)phthalate	21.18	149	52832	6.520	ng	98
85) Di-n-octyl phthalate	22.05	149	91655	6.805	ng #	98
86) Indeno(1,2,3-cd)pyrene	25.68	276	157671	2.124	ng	97
88) Benzo(b)fluoranthene	22.80	252	140610	2.104	ng	97
89) Benzo(k)fluoranthene	22.85	252	133927	1.998	ng	99
90) Benzo(a)pyrene	23.37	252	131001	2.065	ng	94
91) Dibenzo(a,h)anthracene	25.69	278	132487	2.103	ng	98
92) Benzo(g,h,i)perylene	26.36	276	132887	2.128	ng	96

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



#1

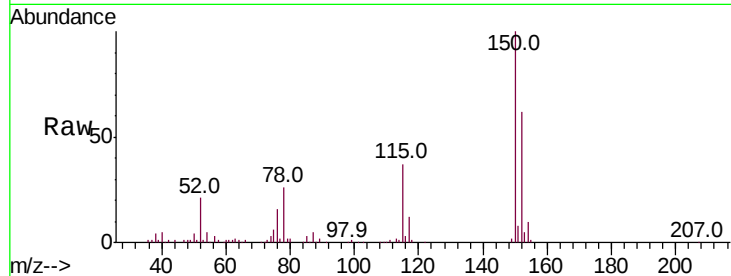
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.3	186.5
115	60.7	48.1	72.1

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Abundance

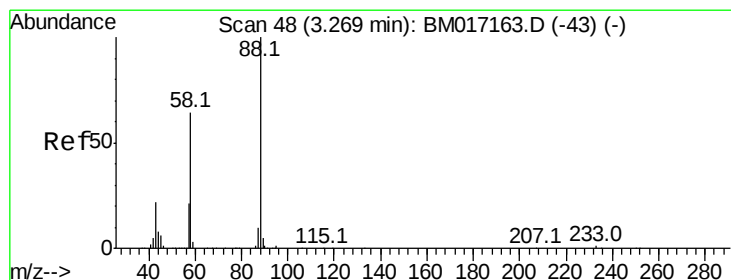
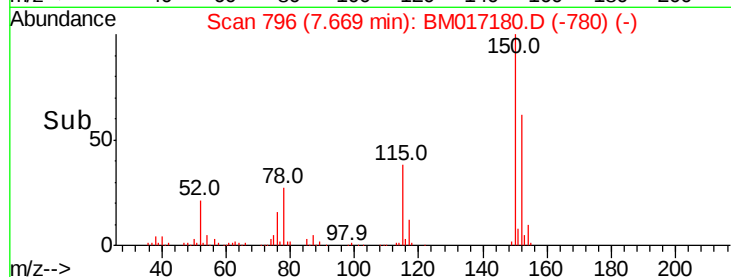
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.67

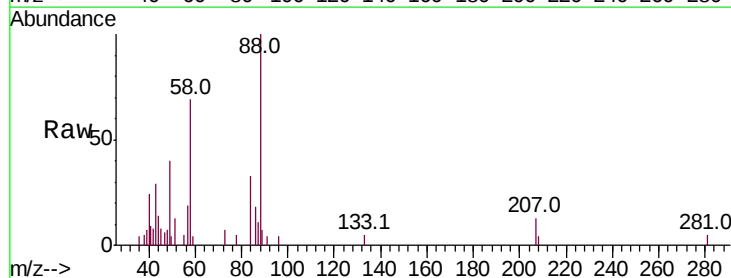
Time-->



#2

1,4-Dioxane
Concen: 2.061 ng
RT: 3.27 min Scan# 48
Delta R.T. 0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	50.2	75.4
43	23.1	19.3	28.9



Abundance

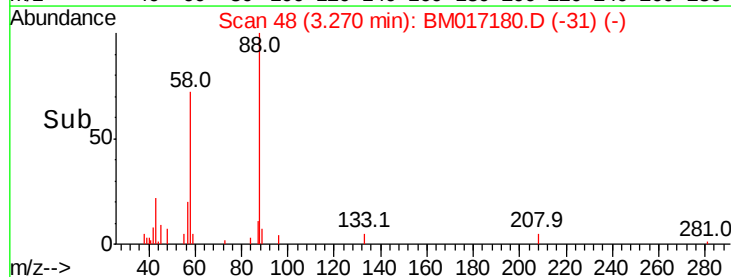
Ion 88.00 (87.70 to 88.70): BM0

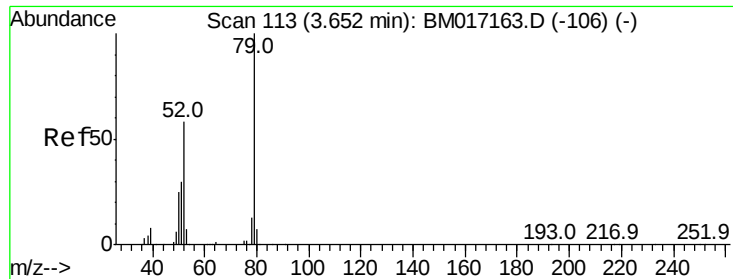
Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

3.27

Time-->





#3

Pvridine

Concen: 2.104 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

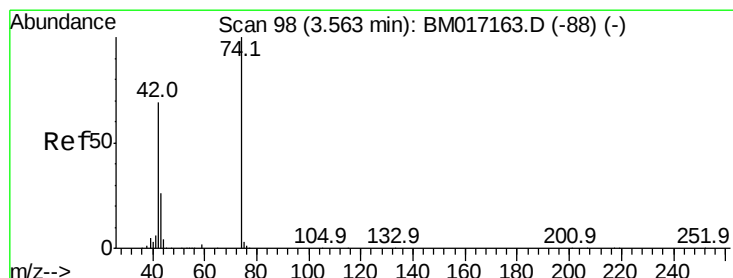
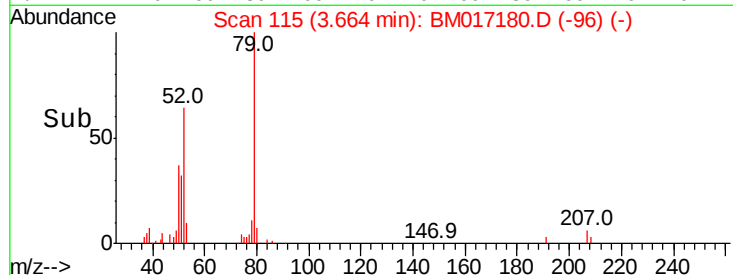
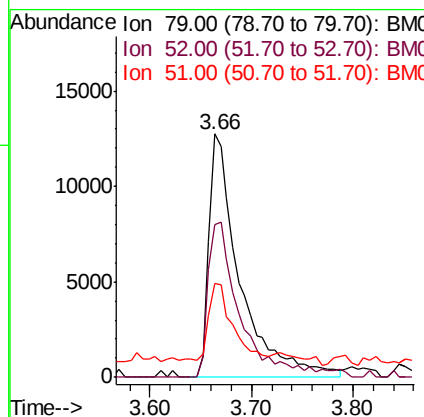
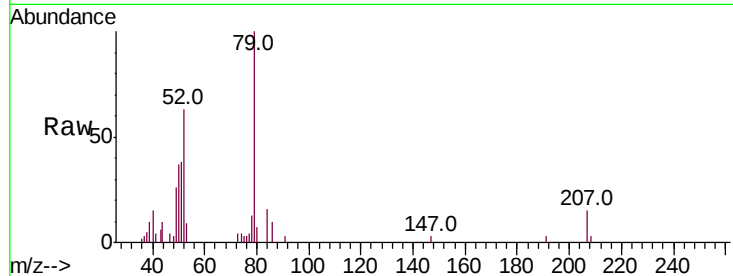
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	79	Resp:	26885
Ion Ratio	Lower	Upper	
79	100		
52	62.7	46.5	69.7
51	38.4	24.6	37.0#

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#4

n-Nitrosodimethylamine

Concen: 2.277 ng

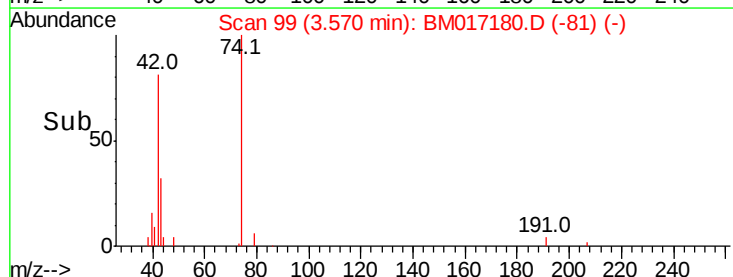
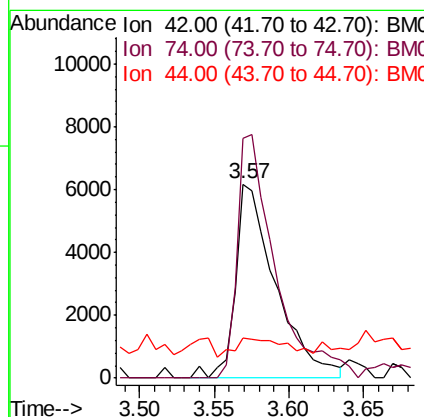
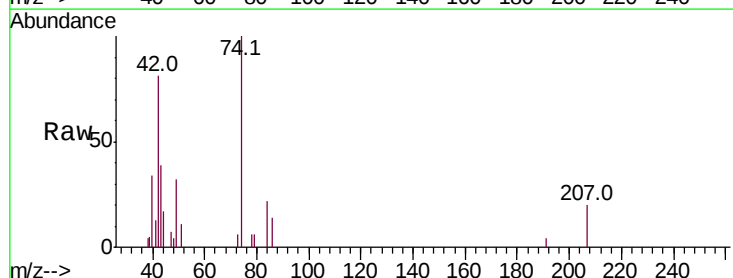
RT: 3.57 min Scan# 99

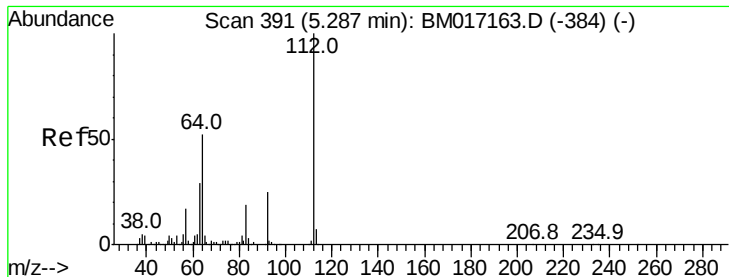
Delta R.T. 0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Tgt Ion:	42	Resp:	11680
Ion Ratio	Lower	Upper	
42	100		
74	123.6	114.4	171.6
44	20.5	48.6	73.0#





#5

2-Fluorophenol

Concen: 143.154 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

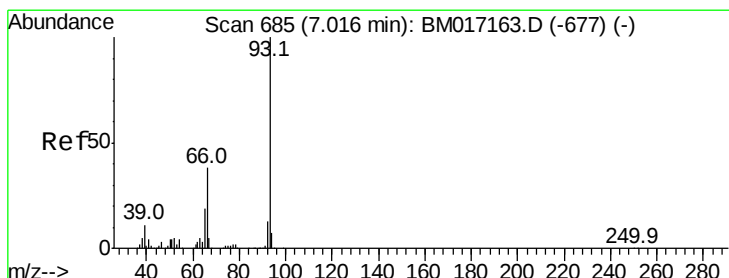
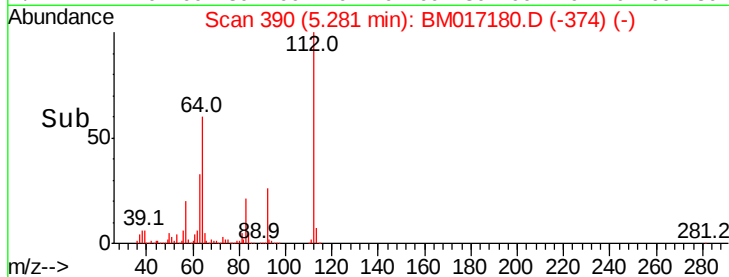
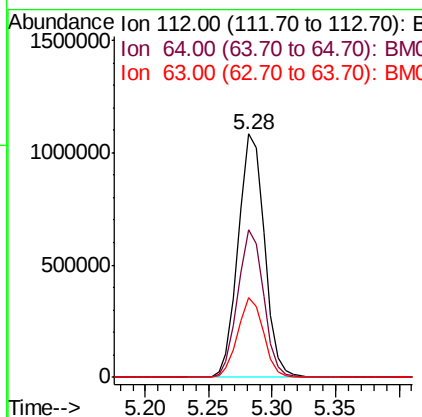
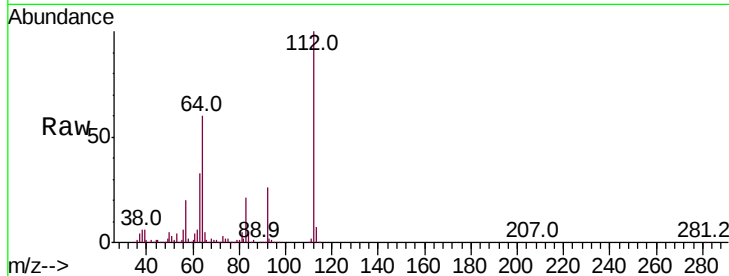
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	112	Resp:	1556844
Ion	Ratio	Lower	Upper
112	100		
64	60.4	41.7	62.5
63	32.8	23.0	34.4

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#6

Aniline

Concen: 1.323 ng

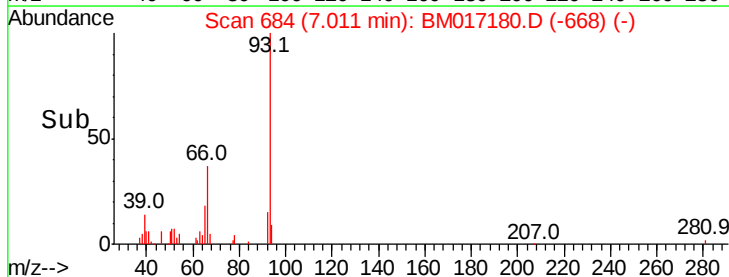
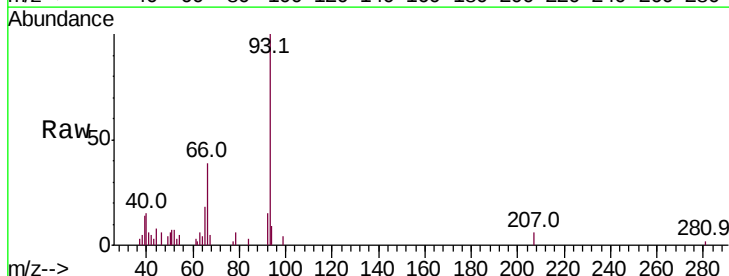
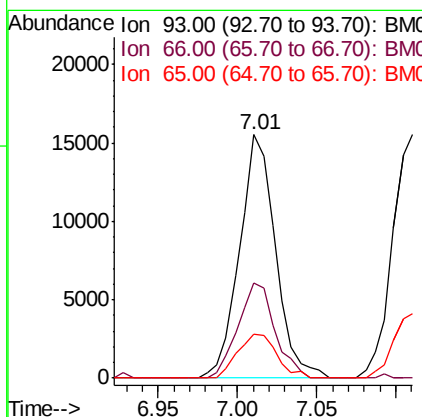
RT: 7.01 min Scan# 684

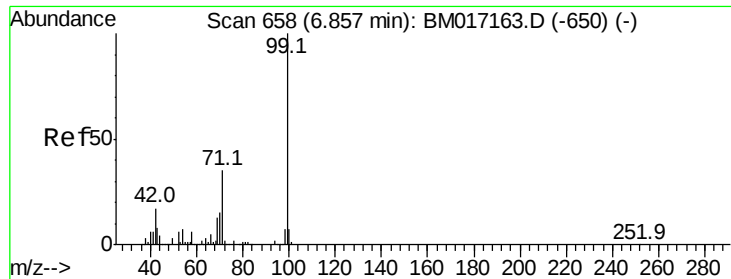
Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Tgt Ion:	93	Resp:	24510
Ion	Ratio	Lower	Upper
93	100		
66	39.2	30.4	45.6
65	18.2	15.3	22.9





#7

Phenol-d6

Concen: 137.097 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion: 99 Resp: 2030614

Ion Ratio Lower Upper

99 100

42 18.7 13.3 19.9

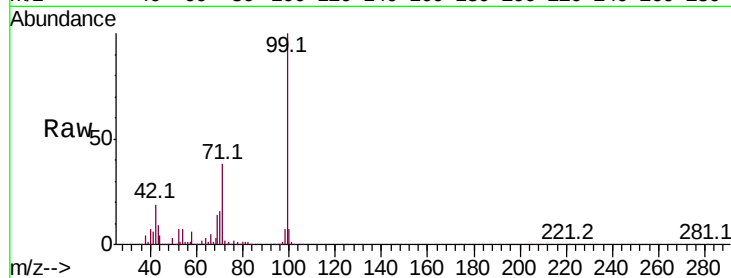
71 38.0 28.0 42.0

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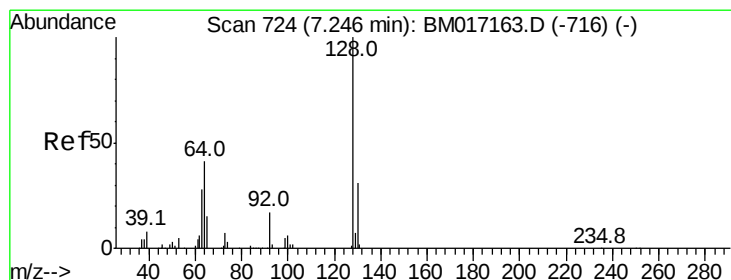
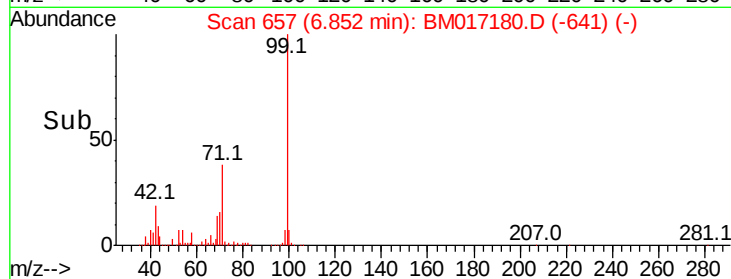
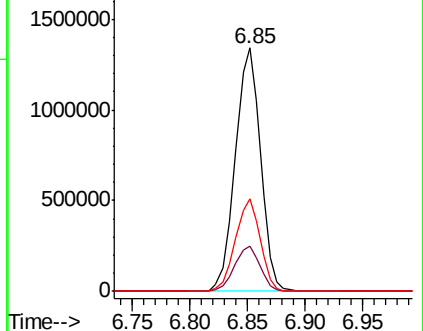
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Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

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

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



#8

2-Chlorophenol

Concen: 2.097 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

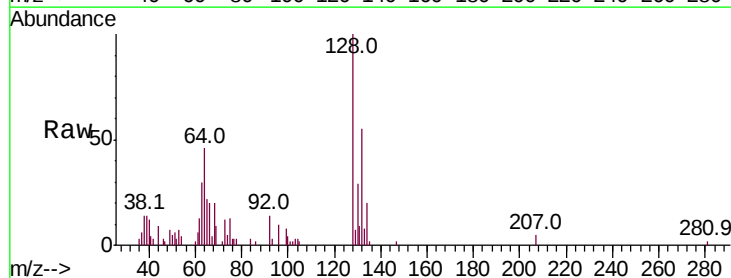
Tgt Ion:128 Resp: 26387

Ion Ratio Lower Upper

128 100

130 29.3 11.0 51.0

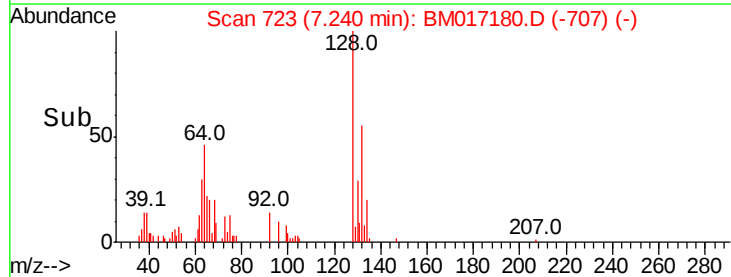
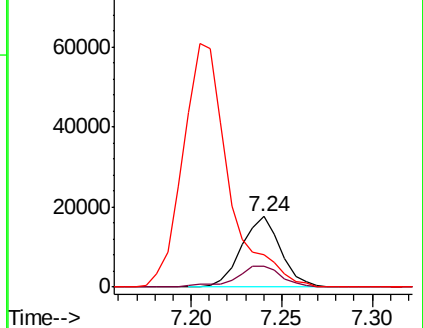
64 46.5 24.1 64.1

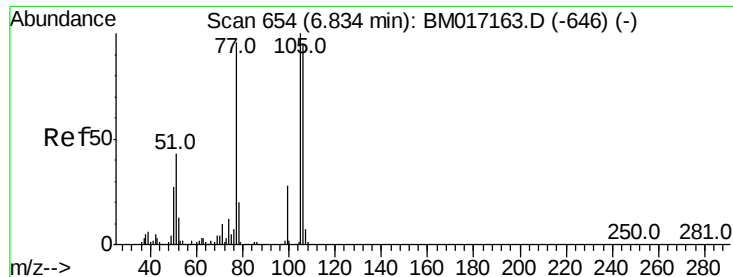


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

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

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





#9

Benzaldehyde

Concen: 2.455 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

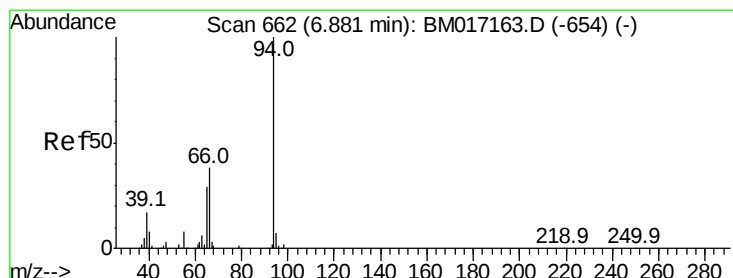
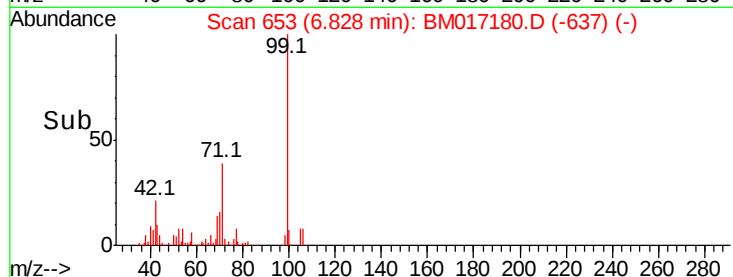
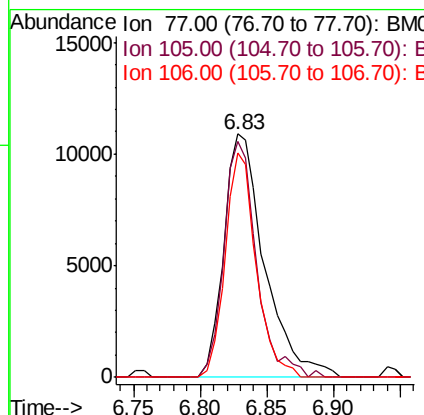
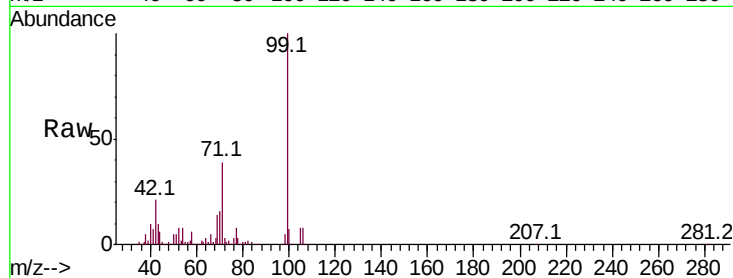
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.8	83.9	123.9
106	92.0	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 2.036 ng

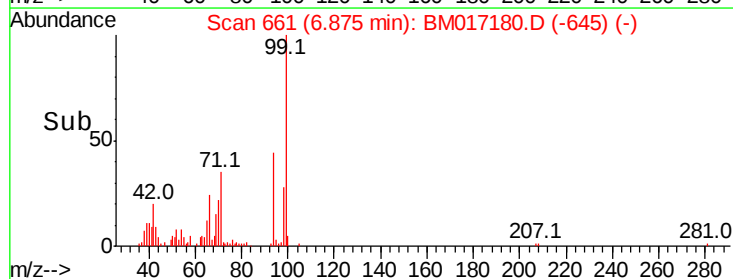
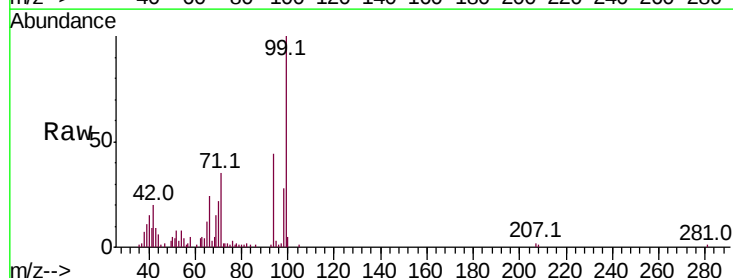
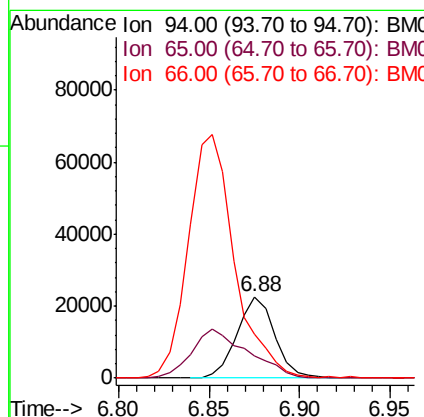
RT: 6.88 min Scan# 661

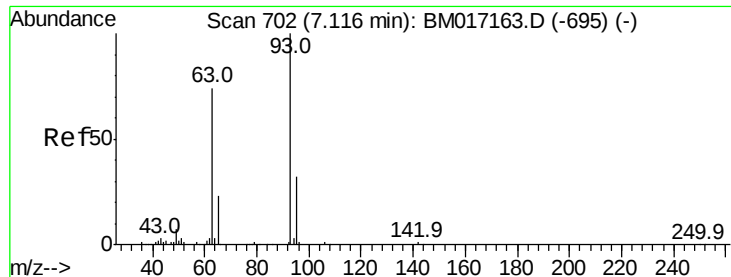
Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.2	9.4	49.4
66	54.1	19.0	59.0





#11

bis(2-Chloroethyl)ether

Concen: 1.890 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

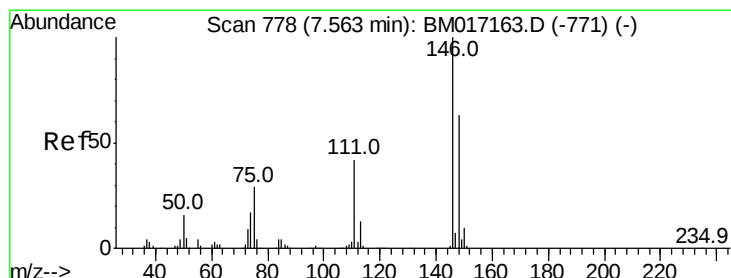
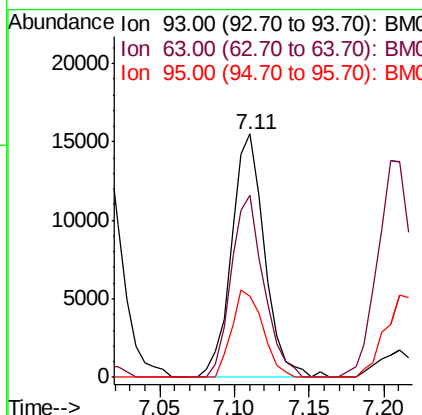
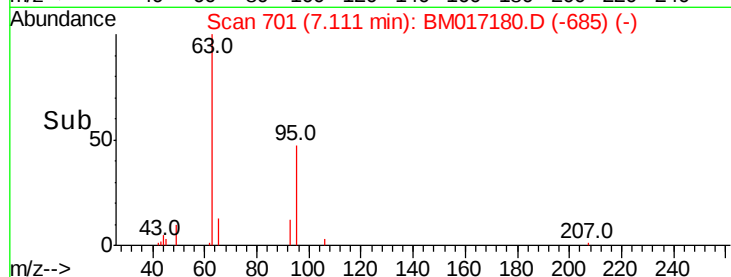
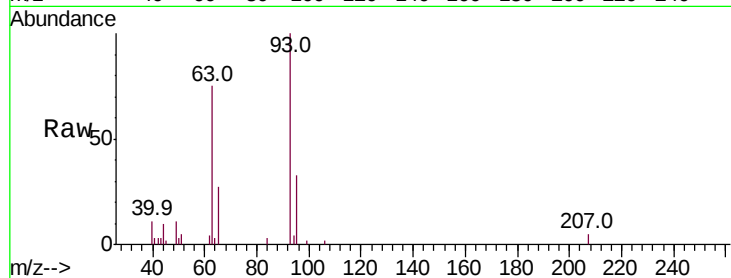
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	93	Resp:	24014
Ion Ratio	Lower	Upper	
93	100		
63	75.0	54.0	94.0
95	33.4	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 2.000 ng

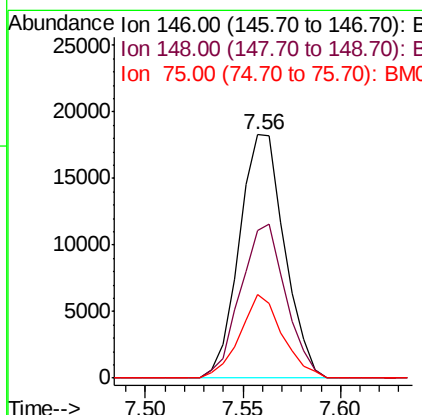
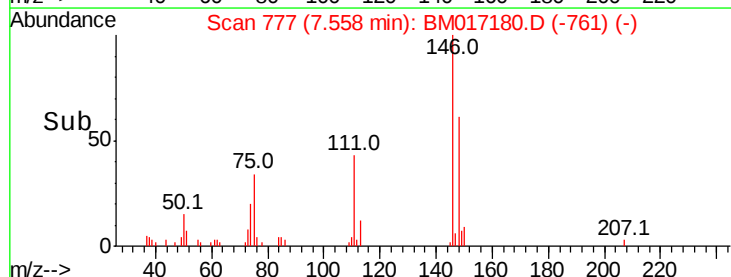
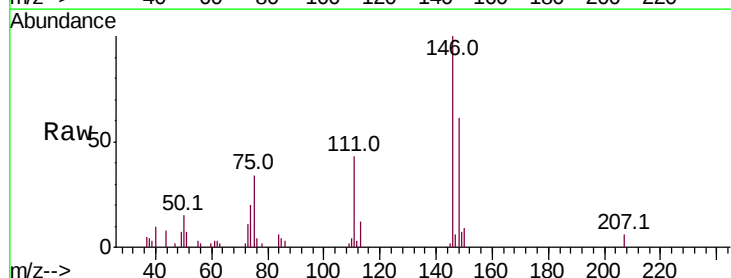
RT: 7.56 min Scan# 777

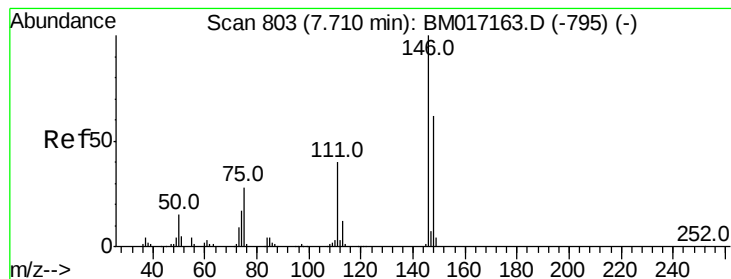
Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Tgt Ion:	146	Resp:	29340
Ion Ratio	Lower	Upper	
146	100		
148	60.9	50.2	75.4
75	34.5	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 1.880 ng

RT: 7.71 min Scan# 803

Delta R.T. 0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

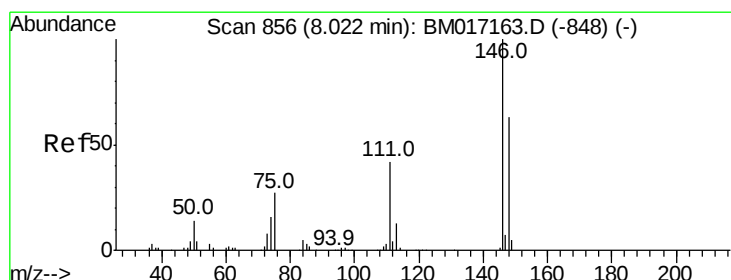
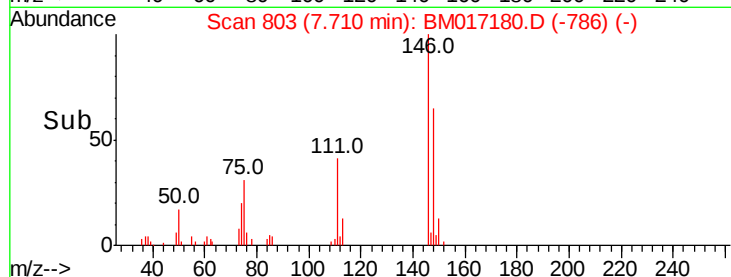
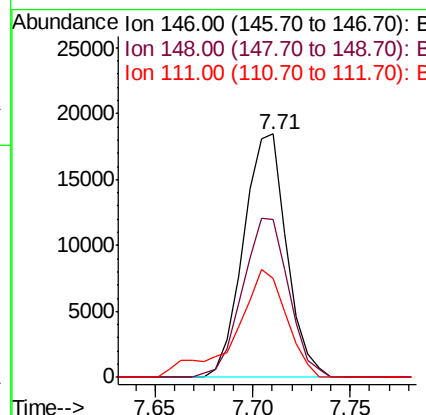
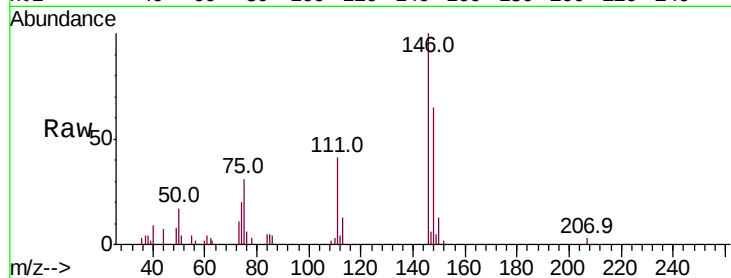
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	146	Resp:	28167
Ion Ratio	Lower	Upper	
146	100		
148	65.0	49.8	74.6
111	40.9	32.1	48.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 1.951 ng

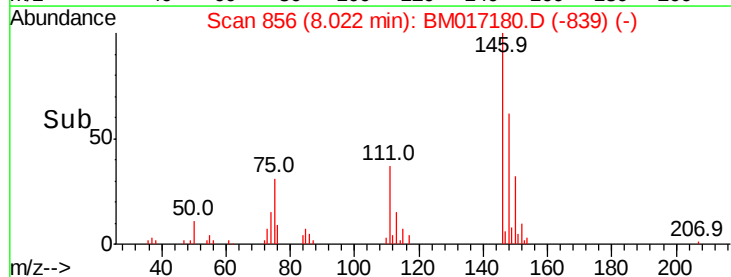
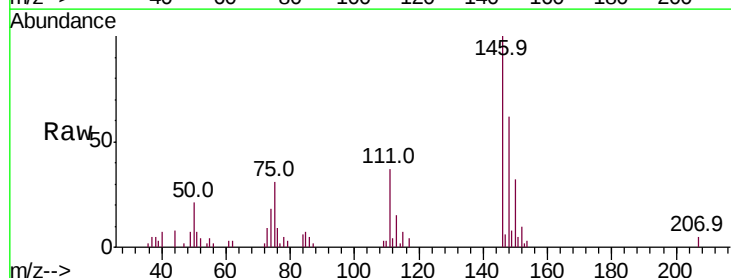
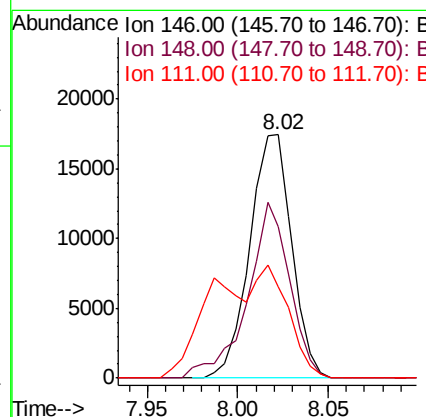
RT: 8.02 min Scan# 856

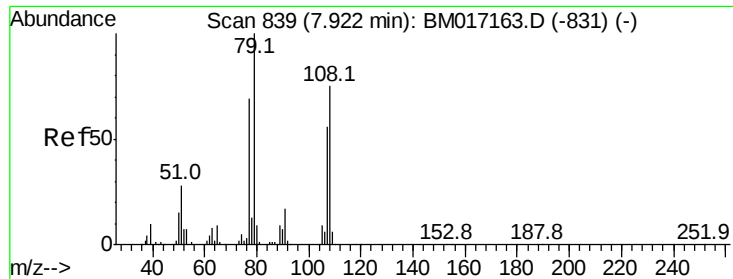
Delta R.T. 0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Tgt Ion:	146	Resp:	28168
Ion Ratio	Lower	Upper	
146	100		
148	62.2	50.8	76.2
111	37.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 1.775 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

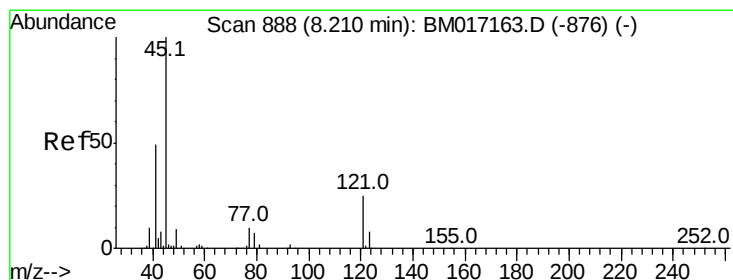
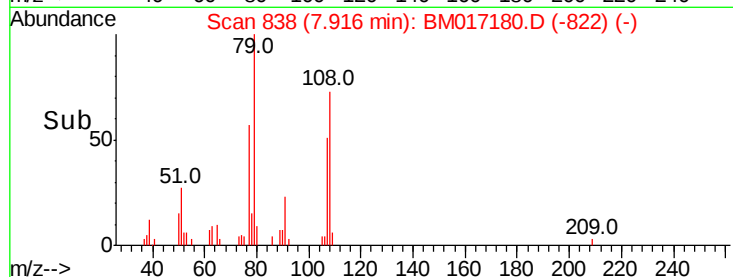
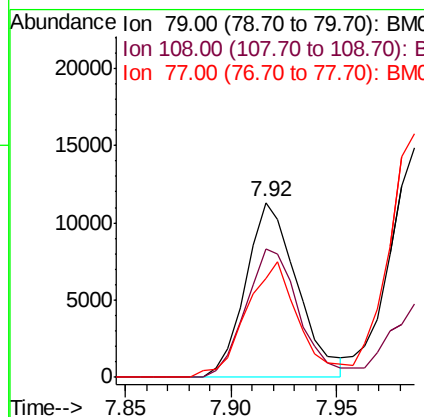
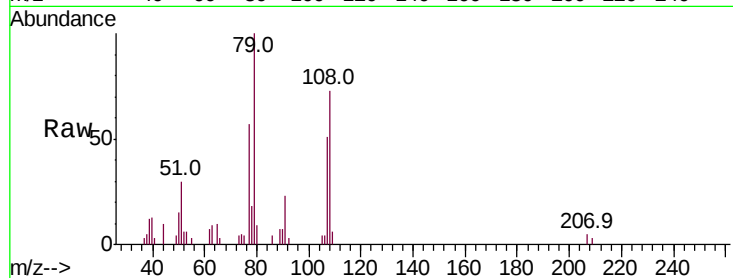
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	79	Resp:	19218
Ion Ratio	Lower	Upper	
79	100		
108	73.3	60.3	90.5
77	56.7	54.8	82.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 1.809 ng

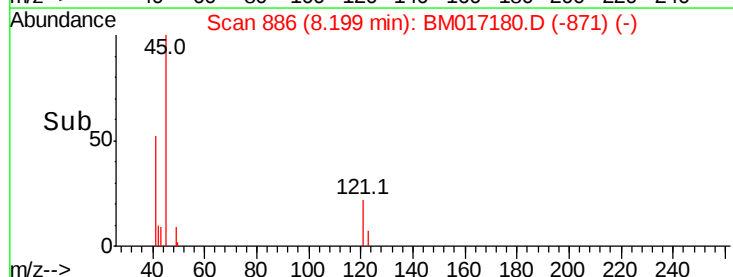
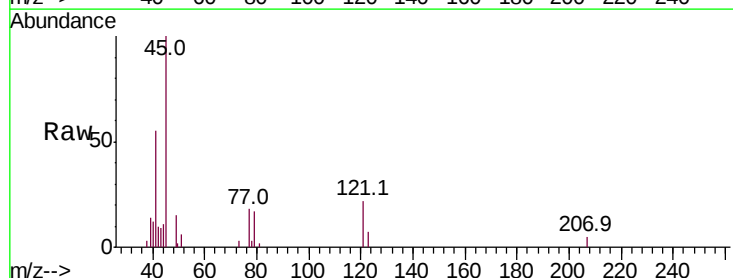
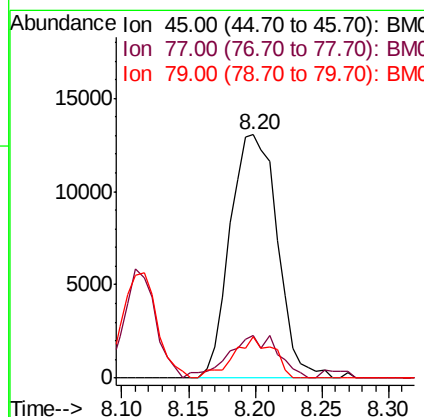
RT: 8.20 min Scan# 886

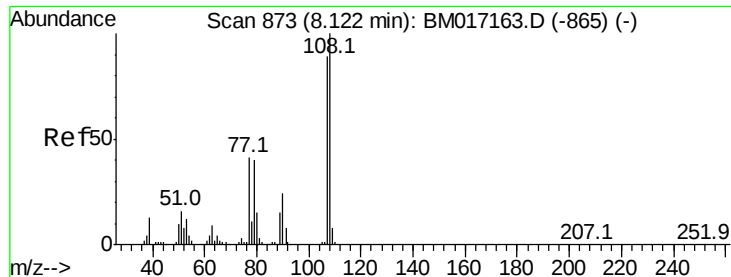
Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Tgt Ion:	45	Resp:	32116
Ion Ratio	Lower	Upper	
45	100		
77	17.6	0.0	35.5
79	17.2	0.0	32.1





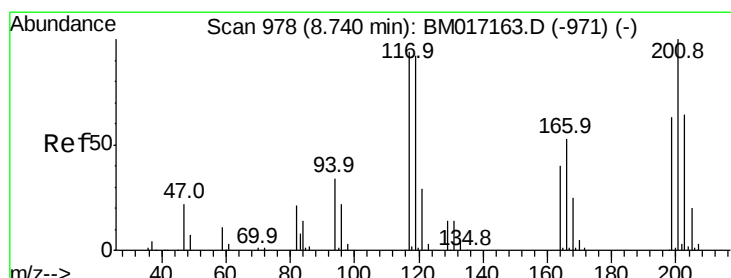
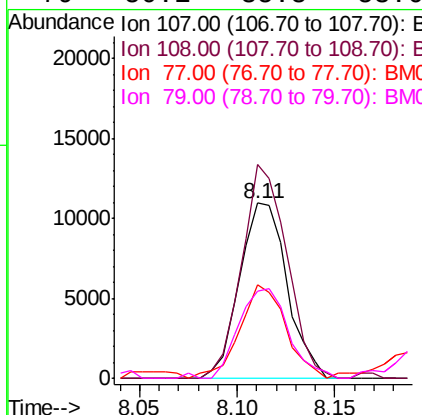
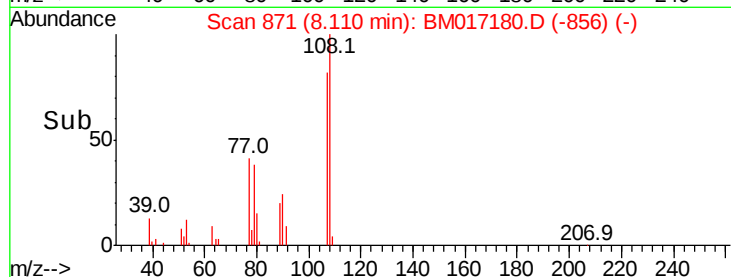
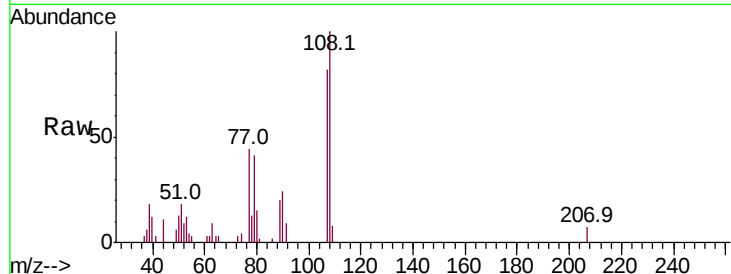
#17
2-Methylphenol
Concen: 1.801 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	122.2	90.3	135.5	
77	53.7	37.0	55.4	
79	50.1	35.8	53.6	

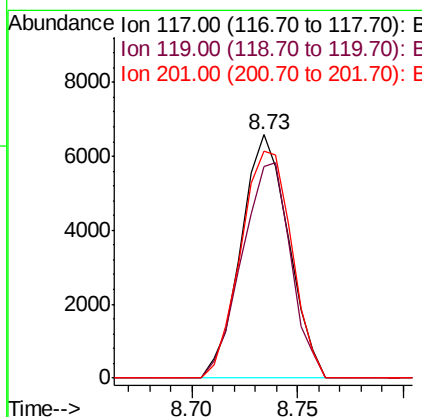
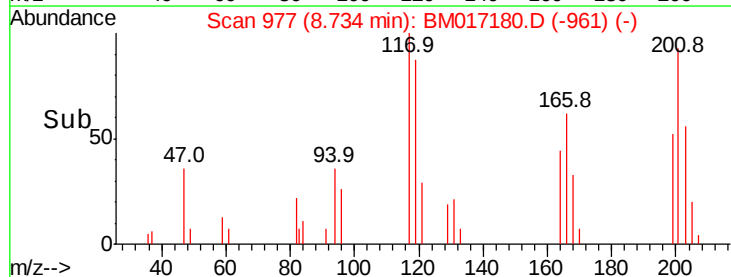
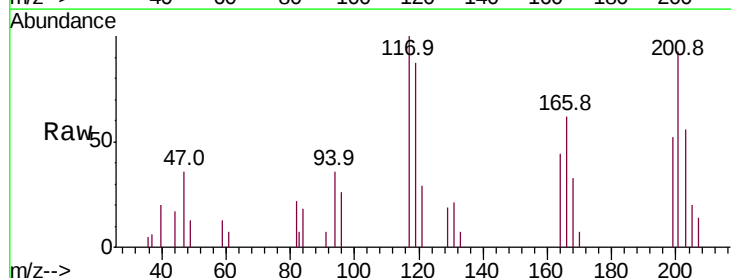
Manual Integrations
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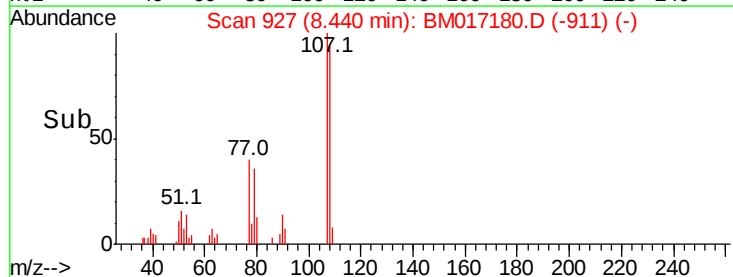
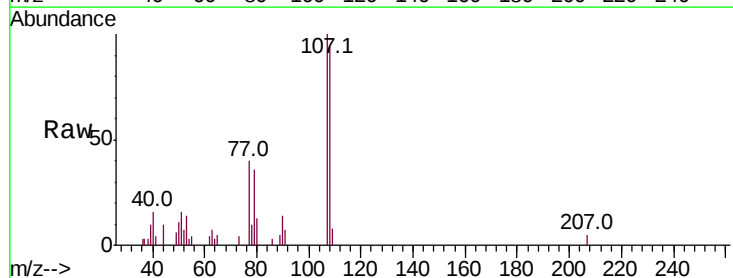
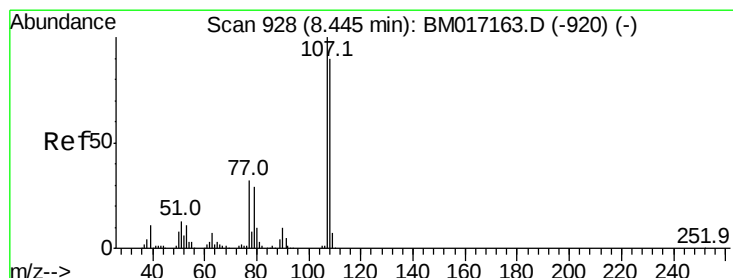
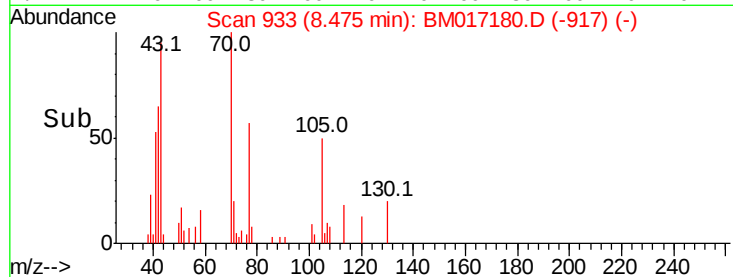
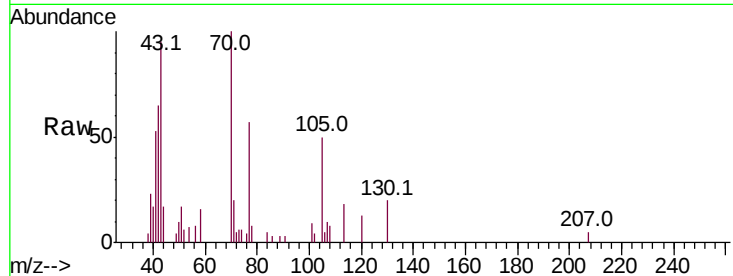
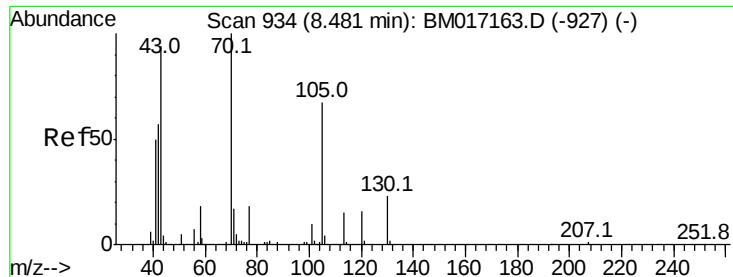
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#18
Hexachloroethane
Concen: 2.014 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.0	78.2	117.2	
201	93.2	85.3	127.9	





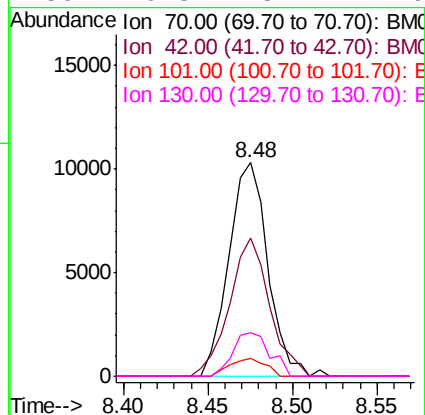
#19
n-Nitroso-di-n-propylamine
Concen: 1.702 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.9	46.1	69.1
101	8.6	8.2	12.4
130	20.5	18.4	27.6

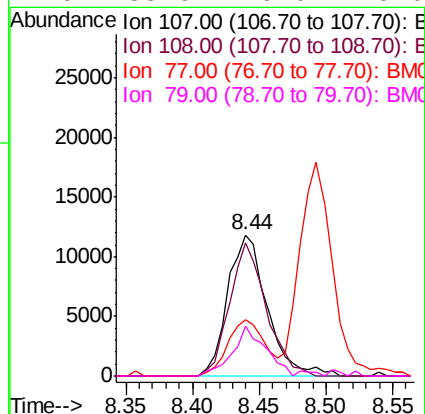
Manual Integrations
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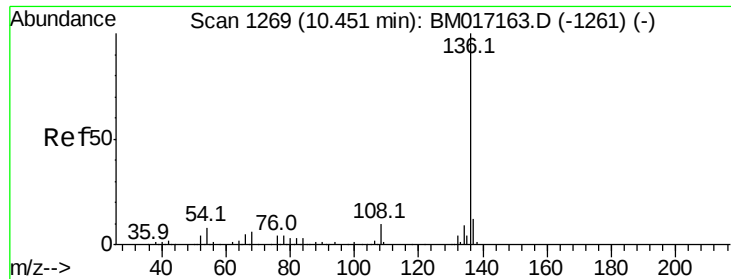
Sohil
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#20
3+4-Methylphenols
Concen: 1.739 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	69.9	109.9
77	40.0	12.2	52.2
79	35.6	9.0	49.0





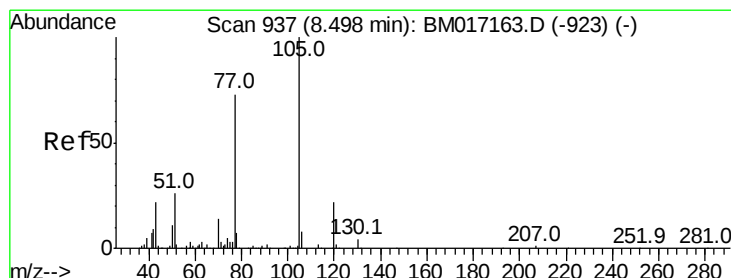
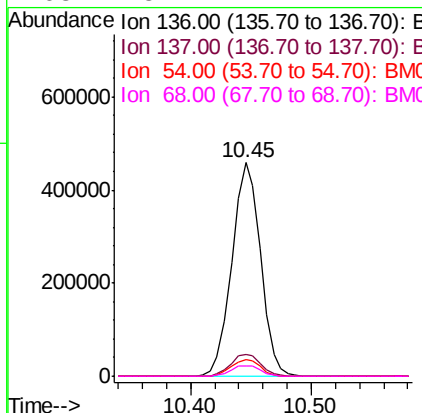
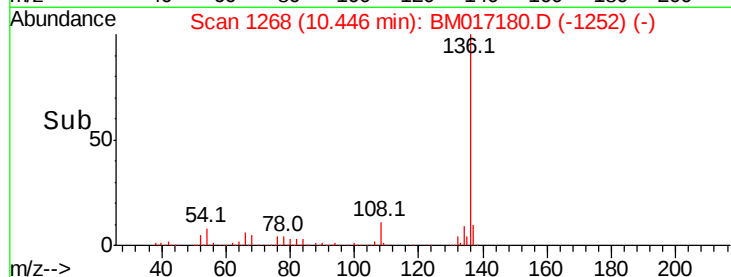
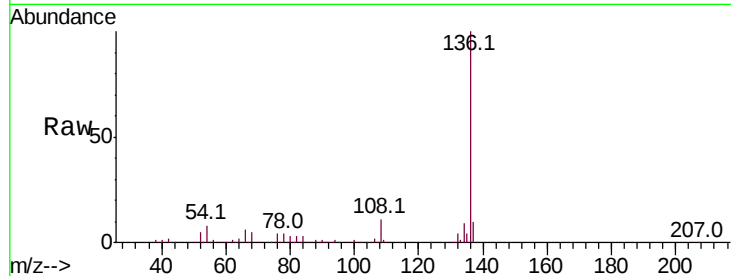
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	758211		
137	10.4		9.2	13.8
54	7.6		6.7	10.1
68	5.1		4.7	7.1

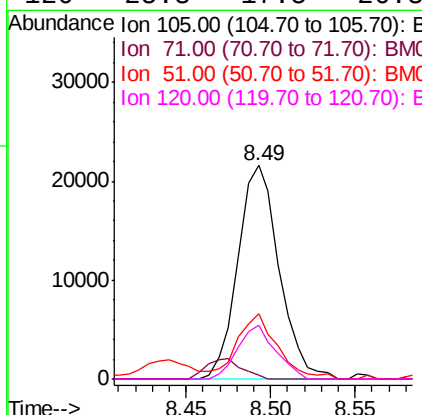
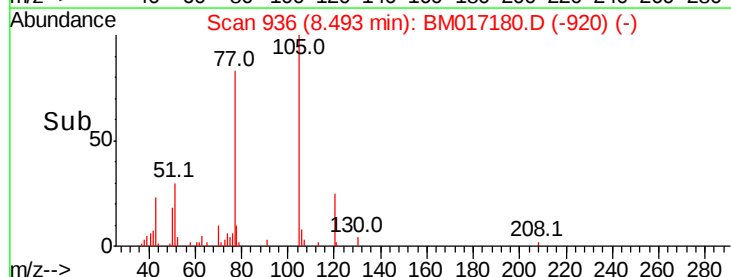
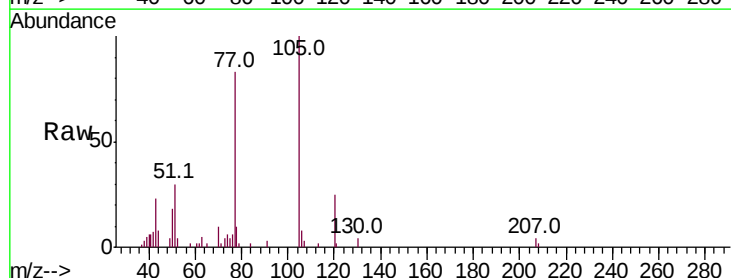
Manual Integrations
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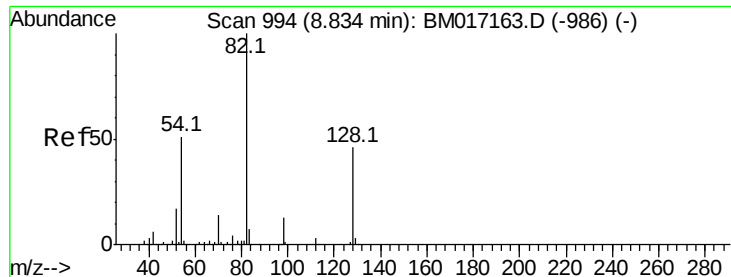
Sohil
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#22
Acetophenone
Concen: 1.915 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	36807		
71	1.7		2.0	3.0#
51	30.4		20.6	31.0
120	25.3		17.5	26.3





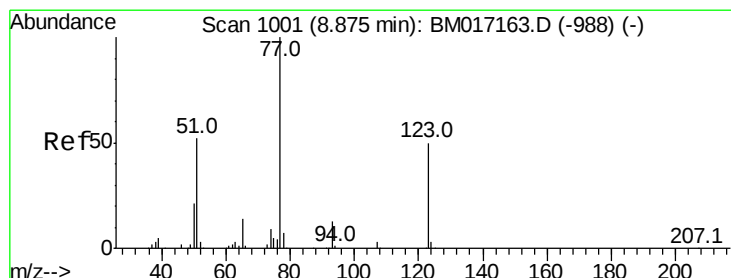
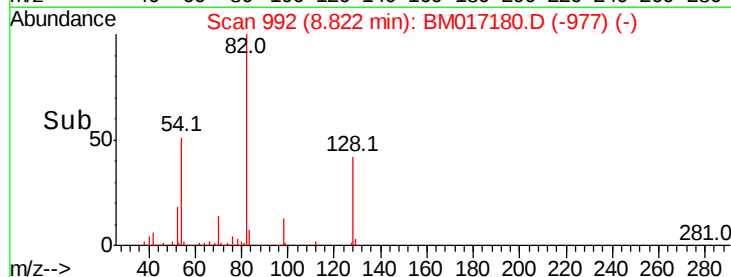
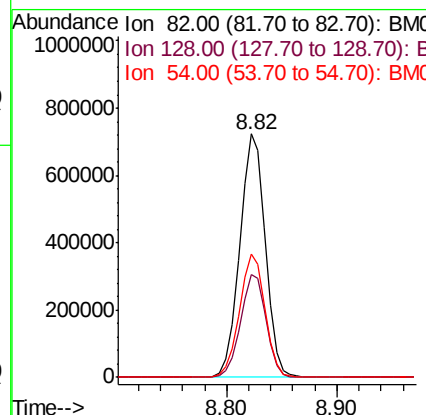
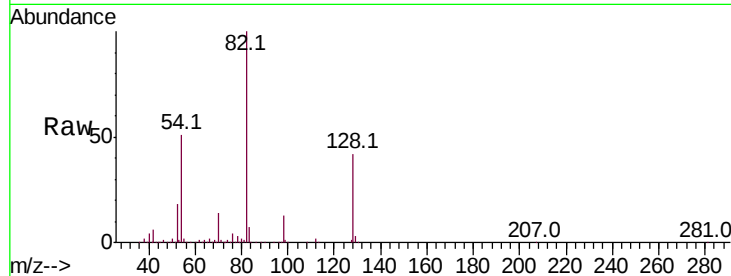
#23
Nitrobenzene-d5
Concen: 90.427 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion: 82 Resp: 1172303
Ion Ratio Lower Upper
82 100
128 42.1 37.0 55.6
54 50.6 40.7 61.1

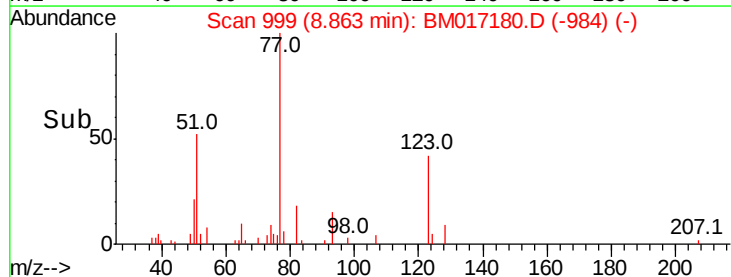
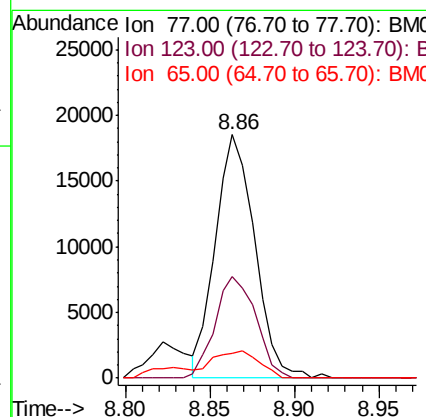
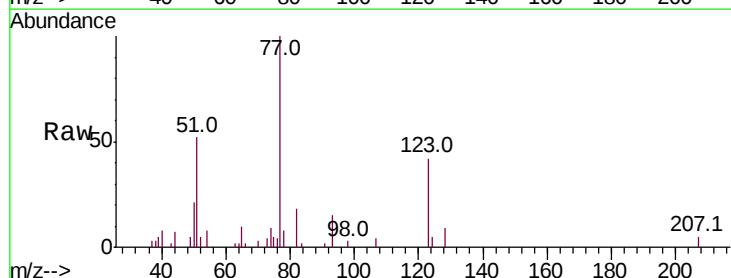
Manual Integrations
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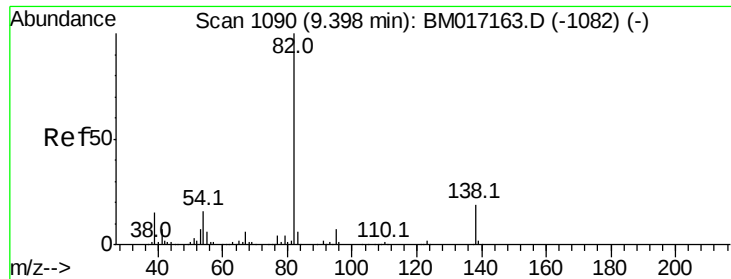
Sohil
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#24
Nitrobenzene
Concen: 2.200 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion: 77 Resp: 30174
Ion Ratio Lower Upper
77 100
123 41.7 40.2 60.4
65 10.2 11.4 17.0#





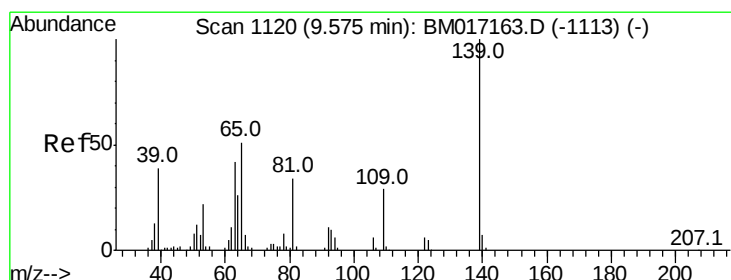
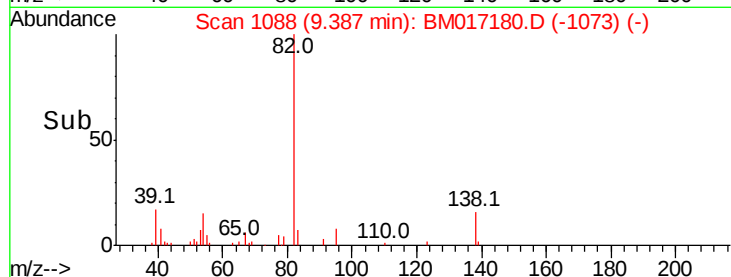
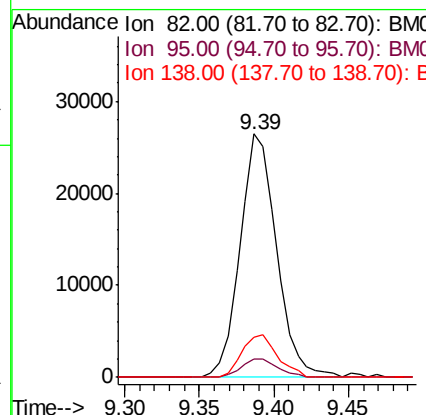
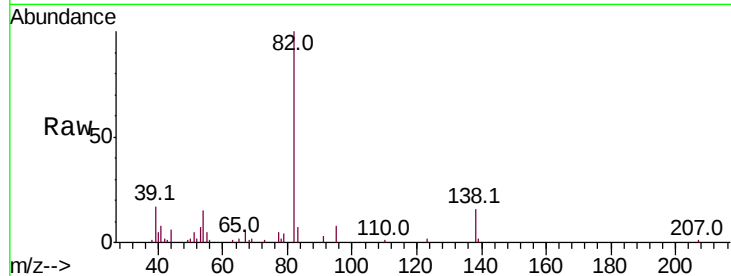
#25
Isophorone
Concen: 2.097 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	16.2	15.4	23.2

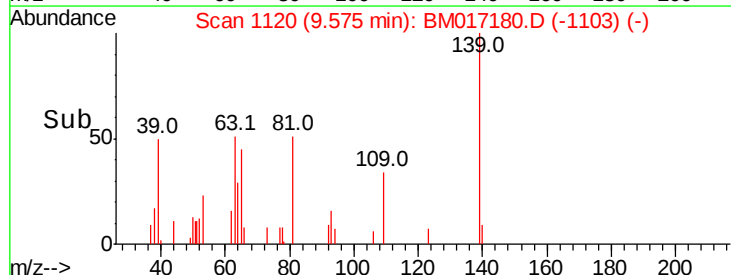
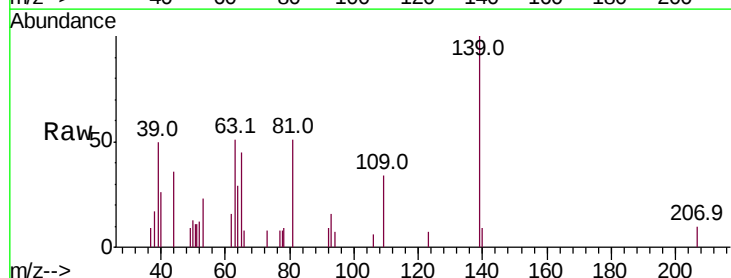
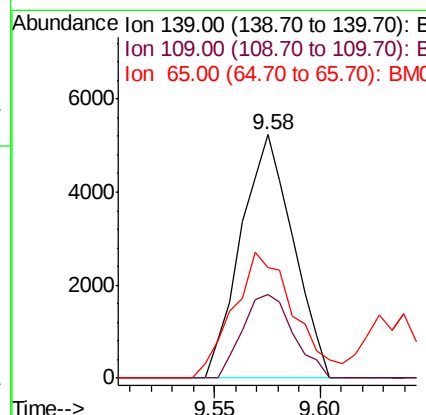
Manual Integrations
APPROVED

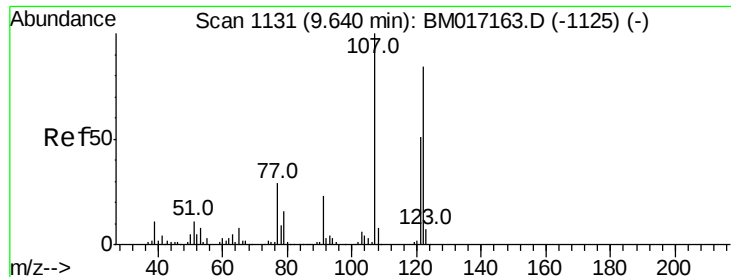
Sohil
10/18/2018 5:33:35 PM



#26
2-Nitrophenol
Concen: 6.936 ng
RT: 9.58 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	34.3	23.2	34.8
65	45.1	40.6	61.0





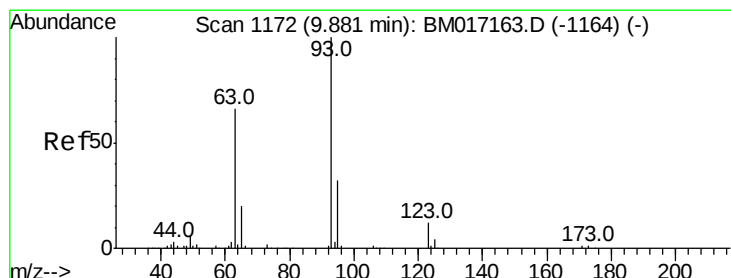
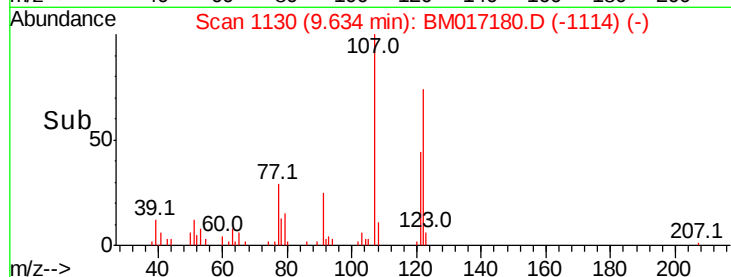
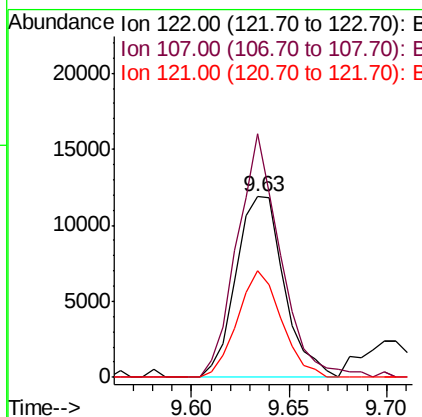
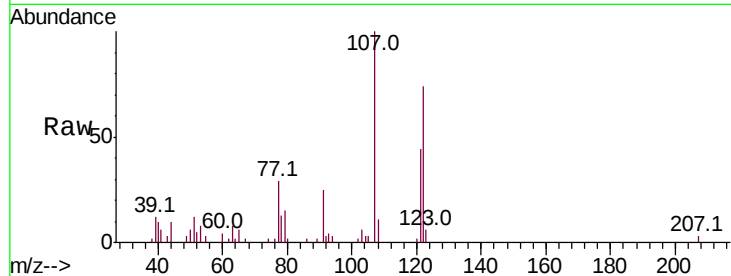
#27
2,4-Dimethylphenol
Concen: 2.149 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.0	95.0	142.6
121	58.9	48.2	72.4

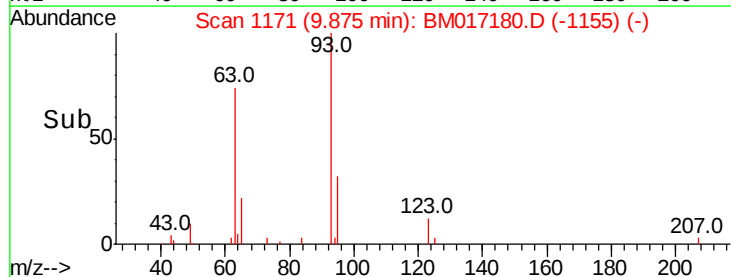
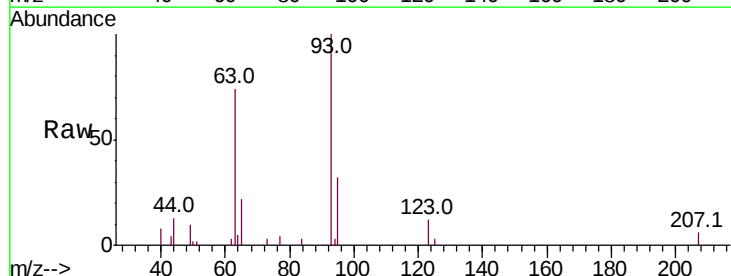
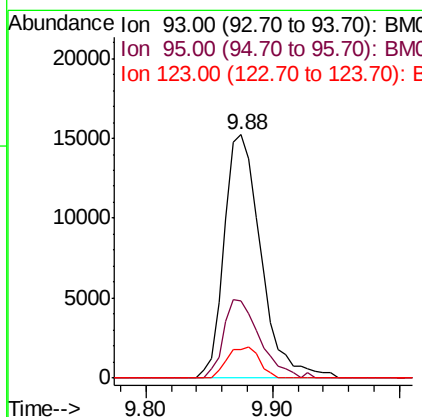
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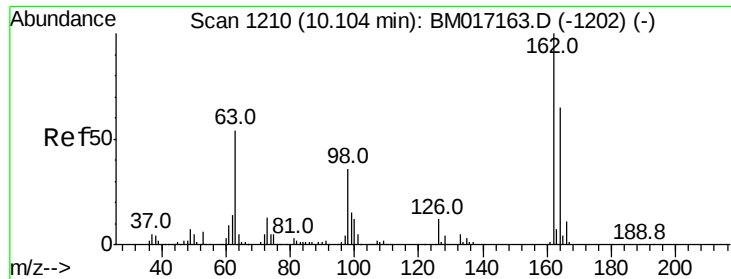
Sohil
10/18/2018 5:33:35 PM



#28
bis(2-Chloroethoxy)methane
Concen: 2.031 ng
RT: 9.88 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	11.7	9.4	14.0





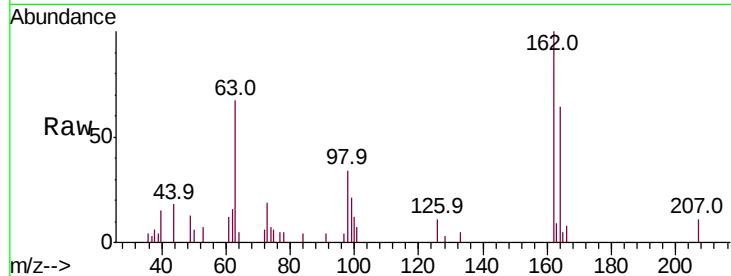
#29
2,4-Dichlorophenol
Concen: 1.687 ng
RT: 10.10 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.9	84.9
98	33.7	15.8	55.8

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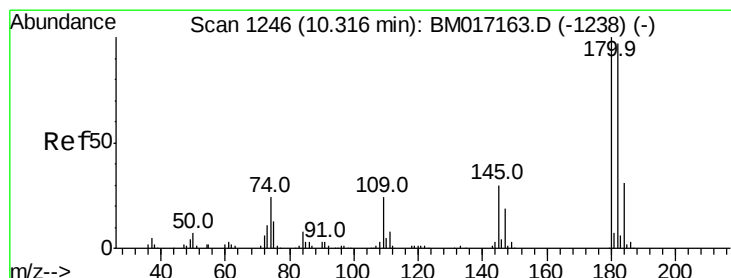
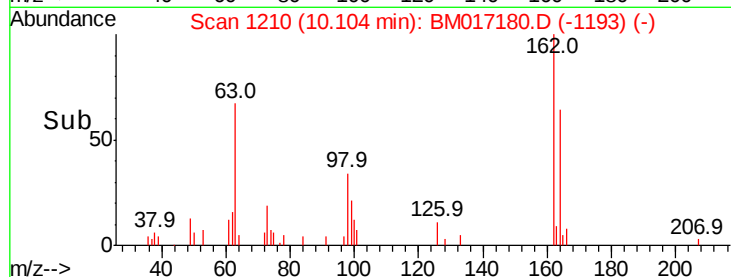
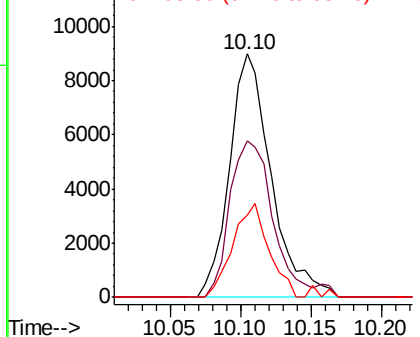


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 2.006 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

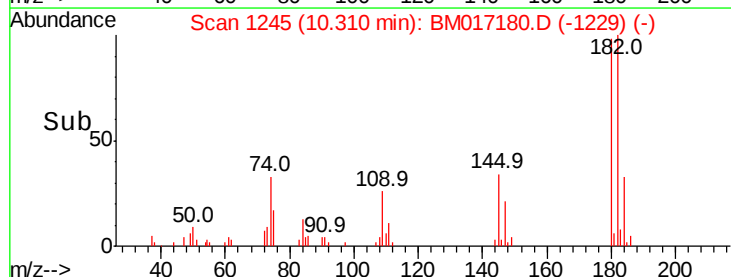
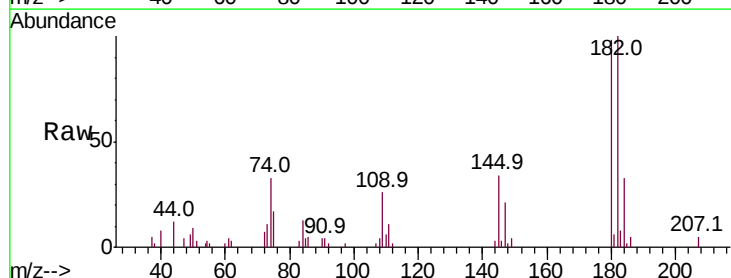
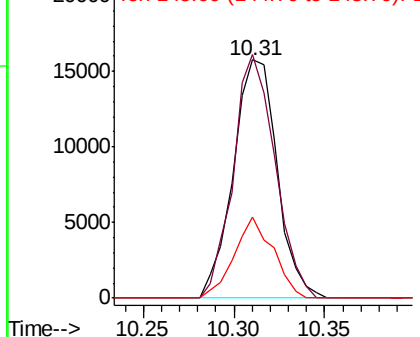
Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.2	77.5	116.3
145	34.3	24.0	36.0

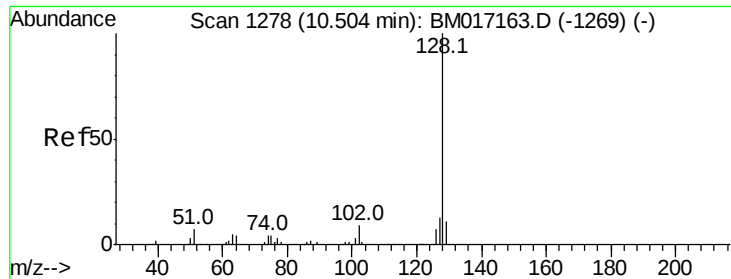
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





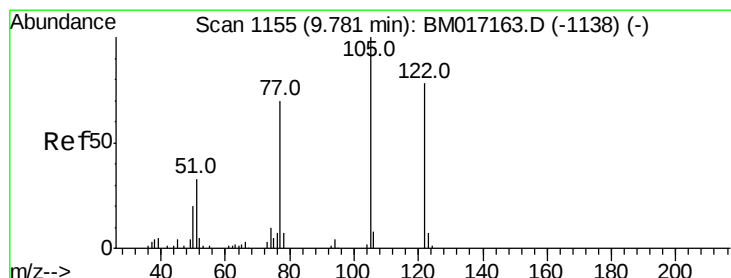
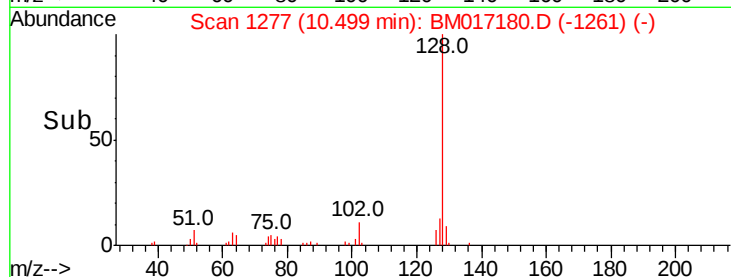
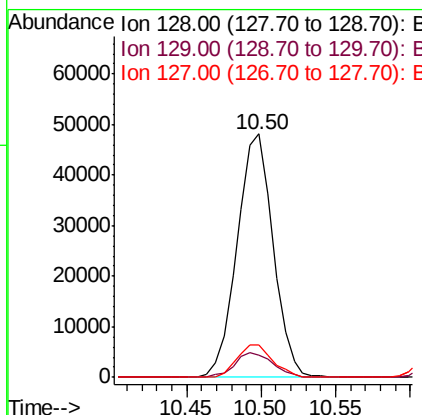
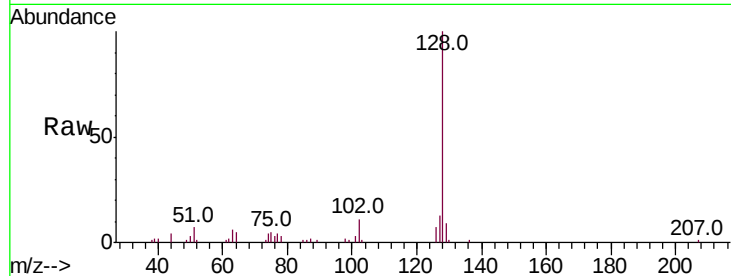
#31
Naphthalene
Concen: 2.171 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.5	12.7
127	13.2	10.3	15.5

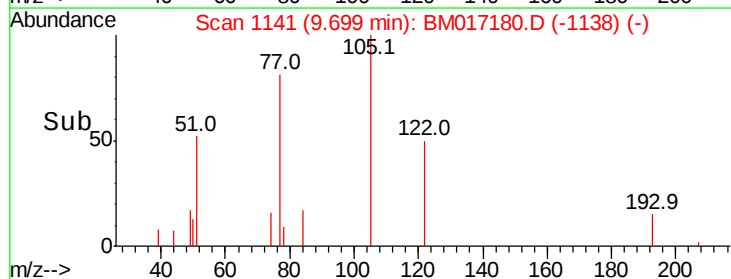
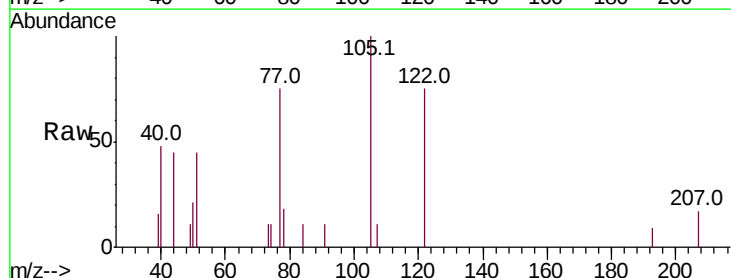
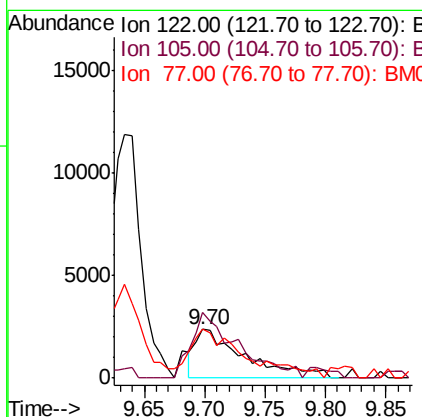
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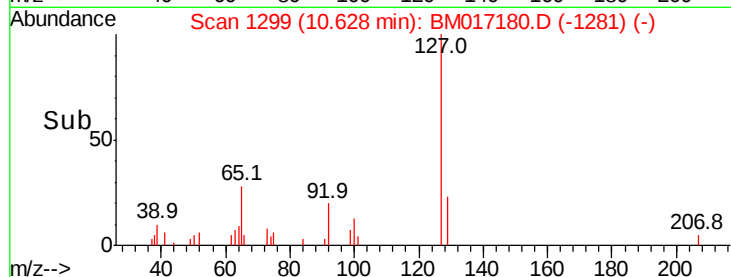
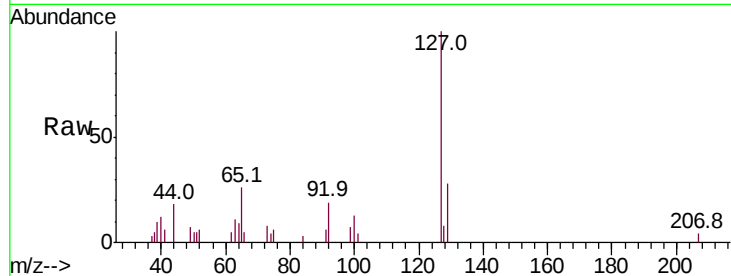
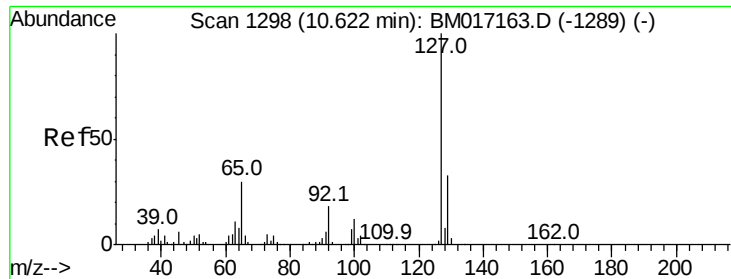
Sohil
10/18/2018 5:33:35 PM



#32
Benzoic acid
Concen: 0.956 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.2	102.0	142.0
77	99.4	67.7	107.7





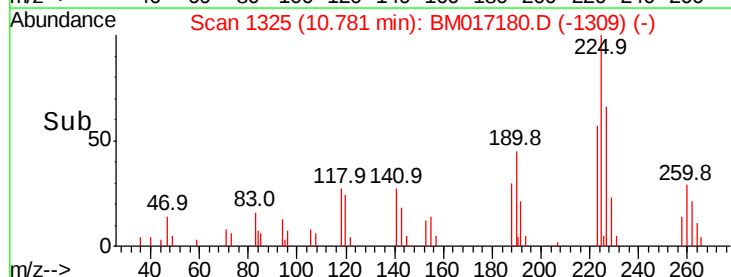
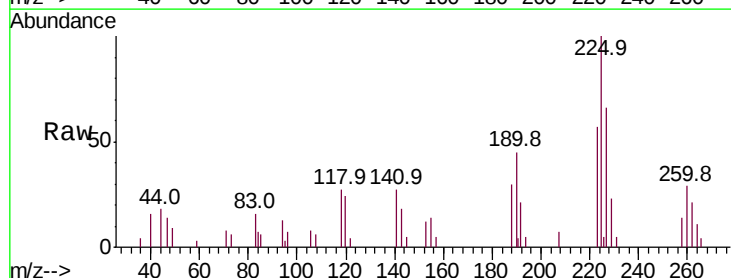
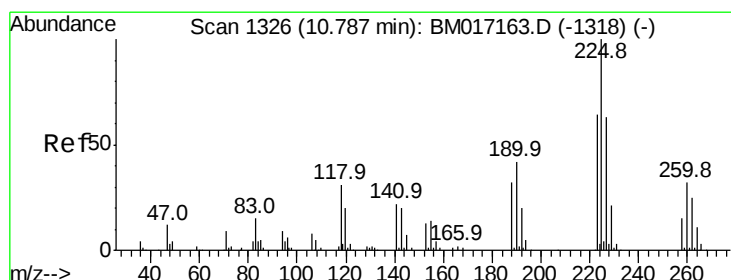
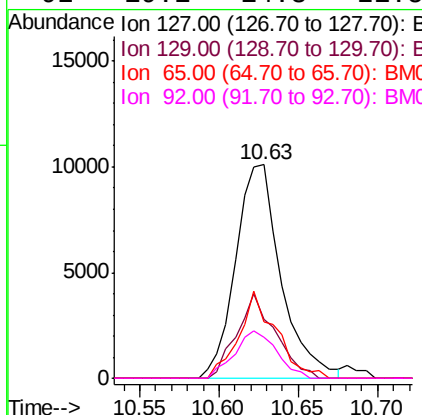
#33
4-Chloroaniline
Concen: 1.254 ng
RT: 10.63 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	27.8	26.2	39.4	
65	26.3	23.7	35.5	
92	19.1	14.3	21.5	

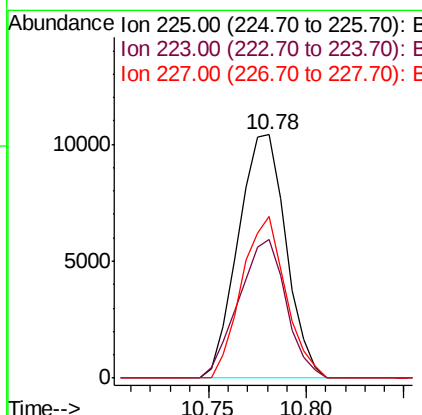
Manual Integrations
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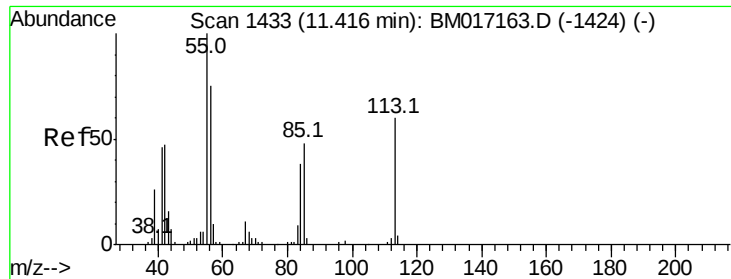
Sohil
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#34
Hexachlorobutadiene
Concen: 2.116 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	57.0	51.0	76.6	
227	66.5	50.8	76.2	





#35

Caprolactam

Concen: 1.205 ng

RT: 11.40 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:113 Resp: 4827

Ion Ratio Lower Upper

113 100

55 140.1 147.0 187.0#

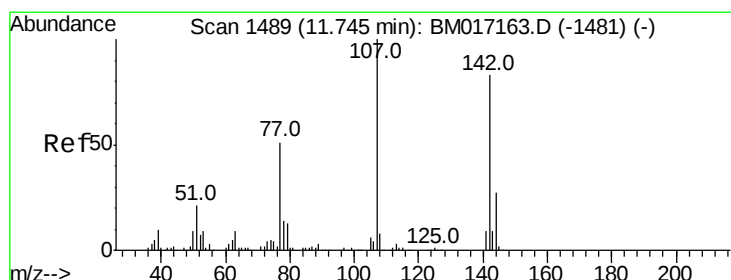
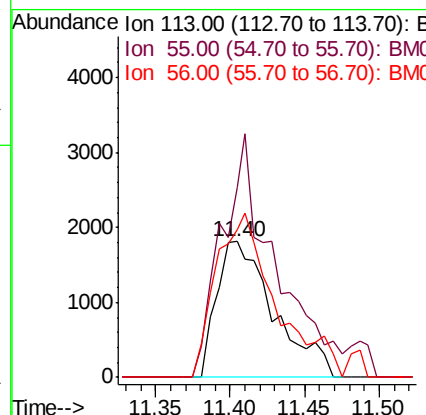
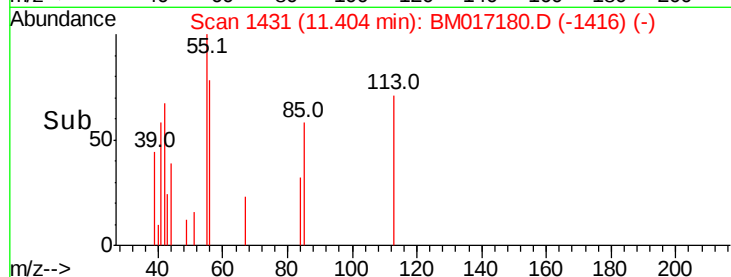
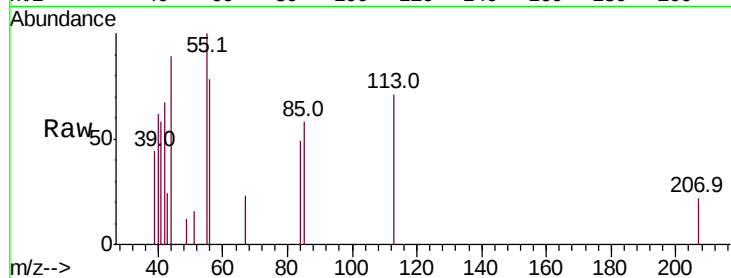
56 108.9 104.5 144.5

Manual Integrations

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Sohil

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#36

4-Chloro-3-methylphenol

Concen: 1.668 ng

RT: 11.75 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

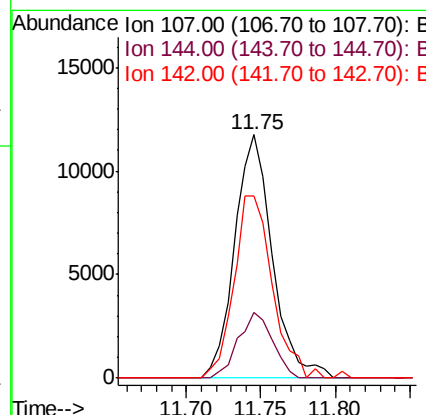
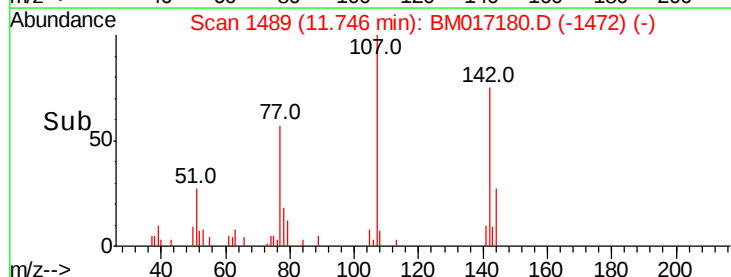
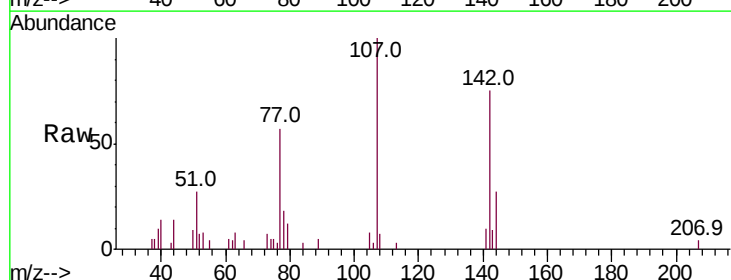
Tgt Ion:107 Resp: 20665

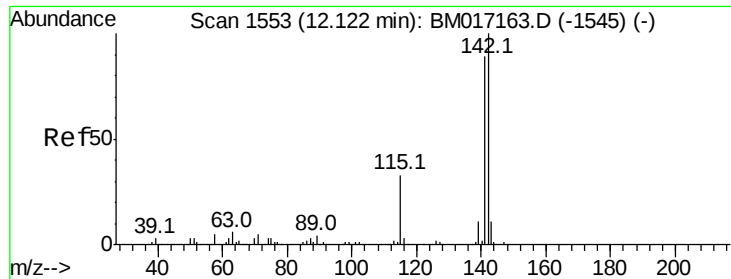
Ion Ratio Lower Upper

107 100

144 27.2 21.6 32.4

142 75.1 66.0 99.0





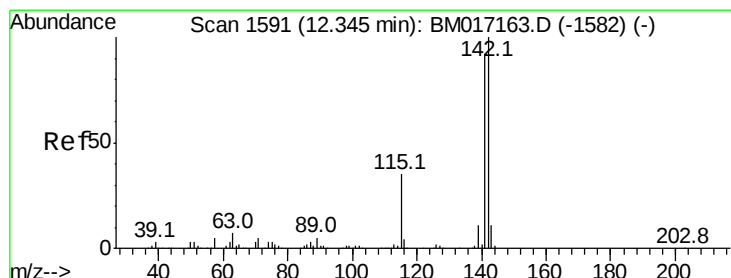
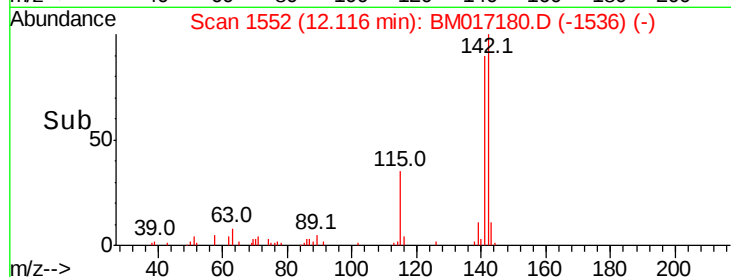
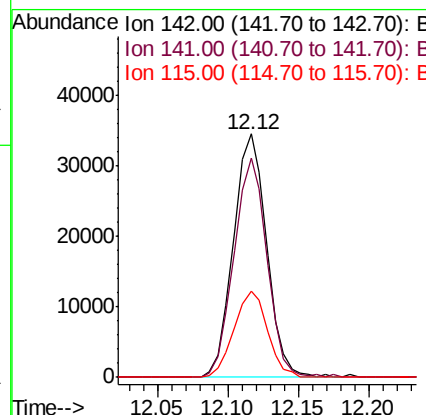
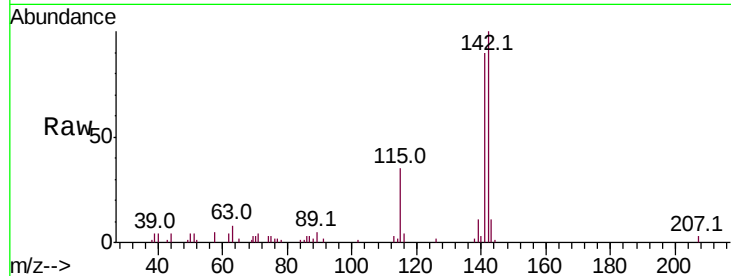
#37
2-Methylnaphthalene
Concen: 2.224 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.9	106.3
115	35.4	26.4	39.6

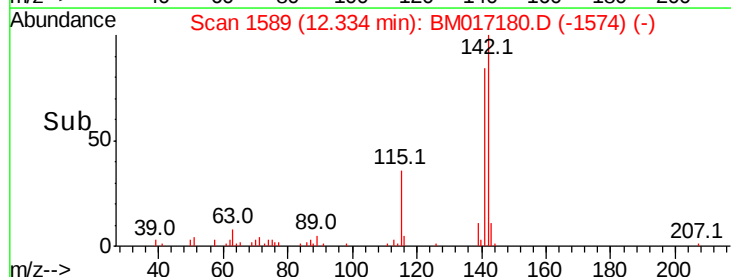
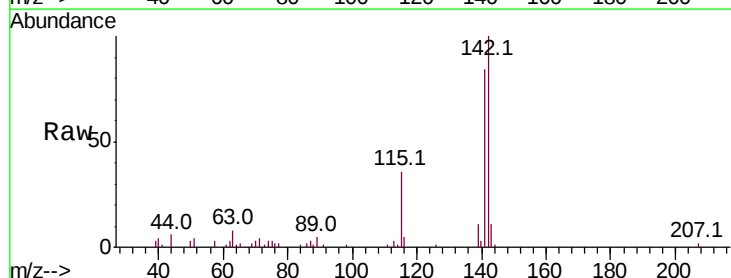
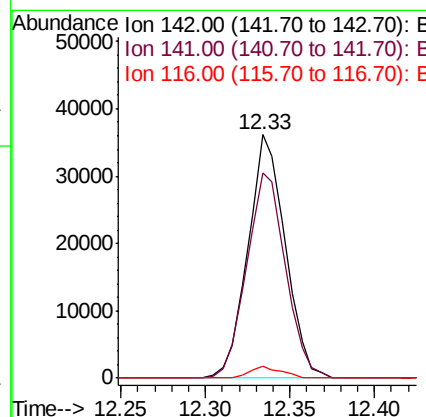
Manual Integrations
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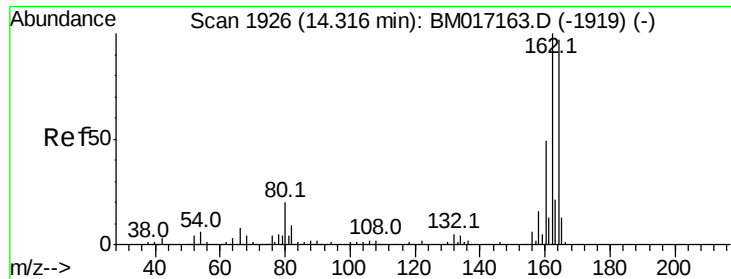
Sohil
10/18/2018 5:33:35 PM



#38
1-Methylnaphthalene
Concen: 2.245 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.2	73.8	110.6
116	4.7	2.9	4.3#





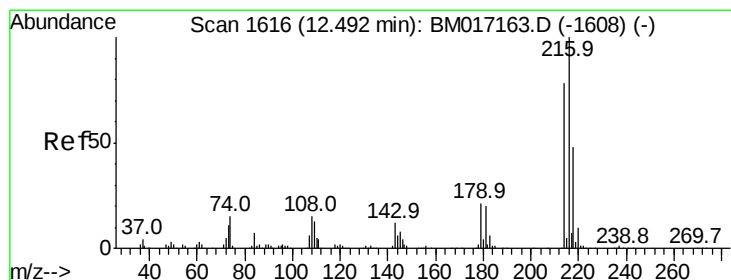
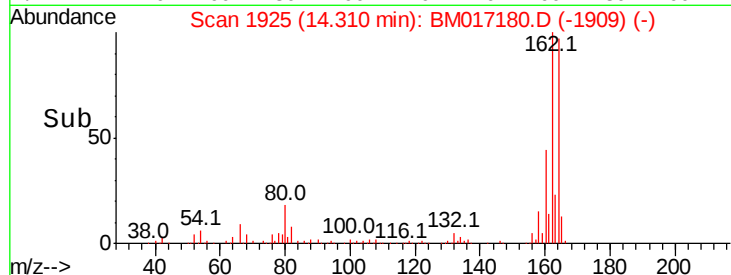
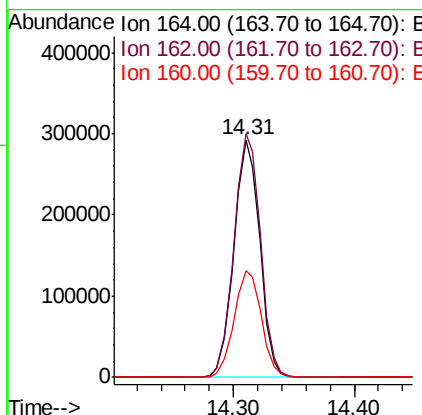
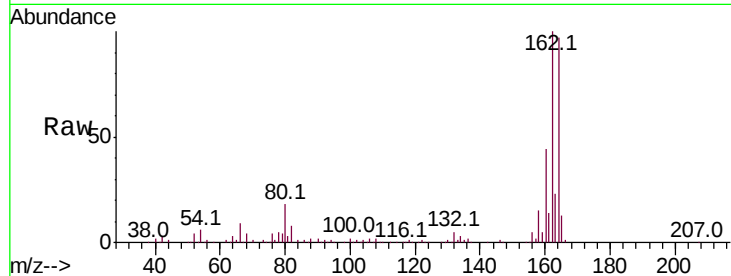
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	44.7	40.2	60.2

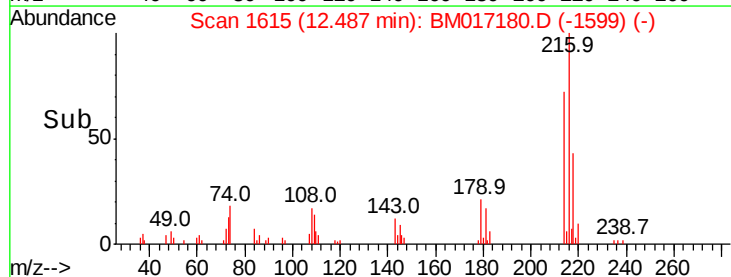
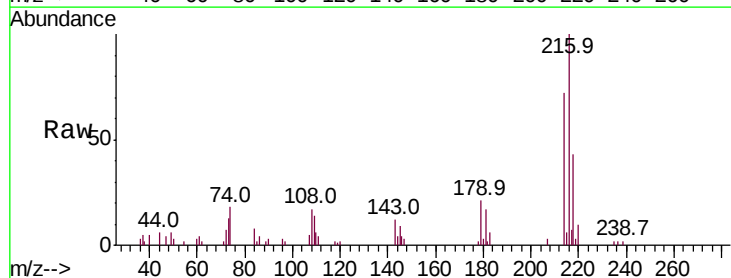
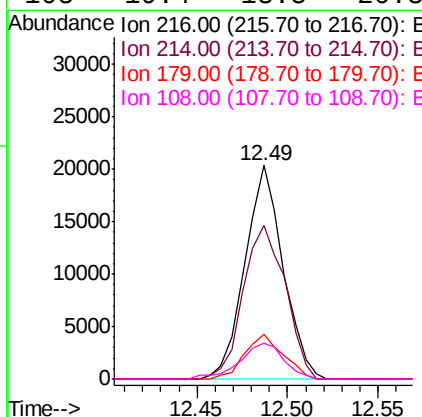
Manual Integrations
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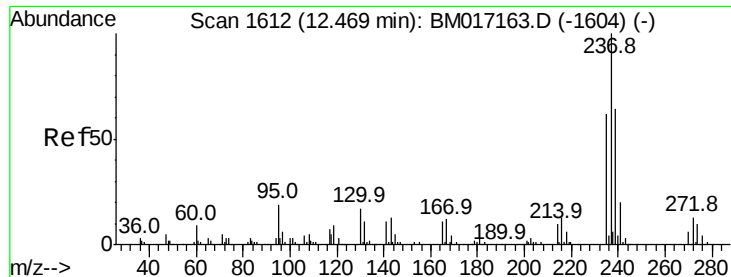
Sohil
10/18/2018 5:33:35 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 1.940 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.6	93.8
179	20.9	16.6	24.8
108	19.4	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 2.323 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

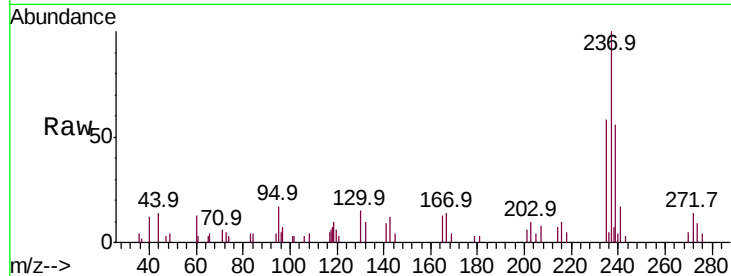
ClientSampleId :

MDL-WATER-03-QT4-2018

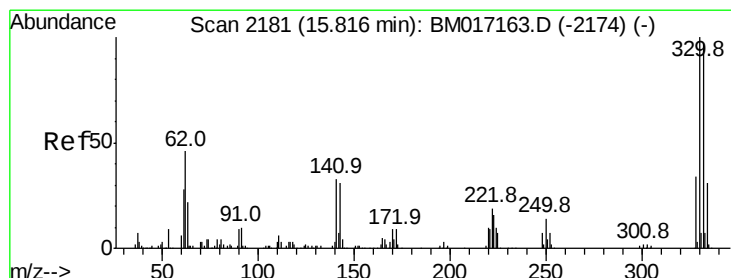
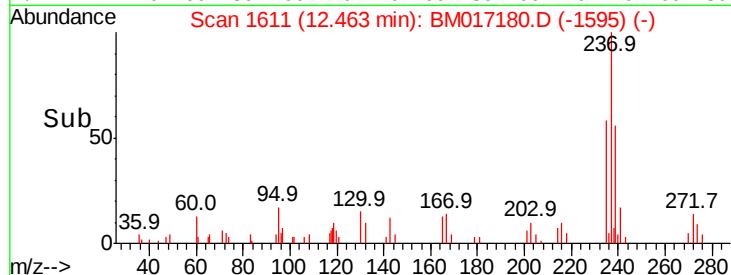
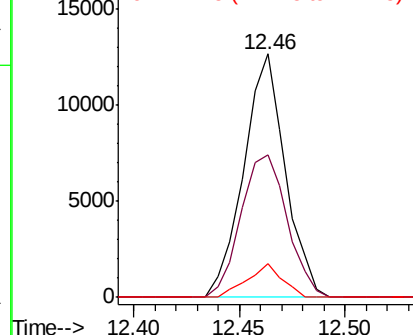
Tot Ion:	237	Resp:	17229
Ion Ratio	Lower	Upper	
237	100		
235	58.3	42.4	82.4
272	14.1	0.0	33.0

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 152.541 ng

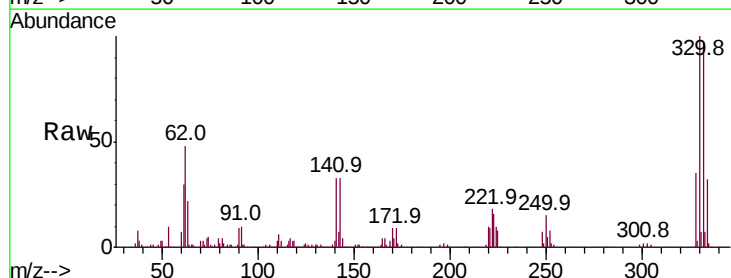
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

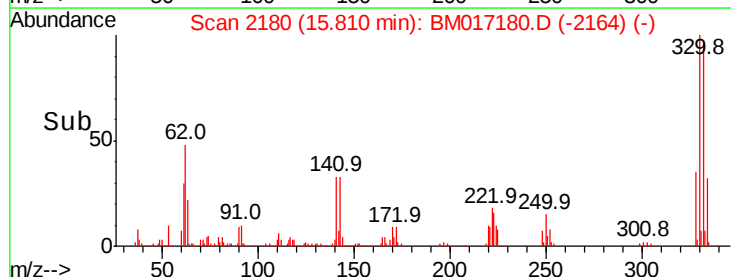
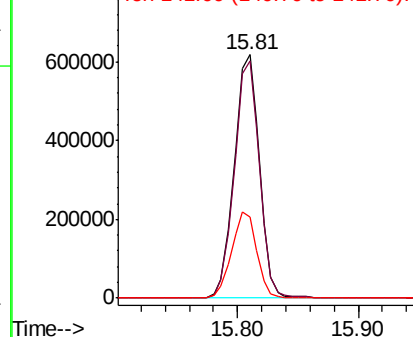
Lab File: BM017180.D

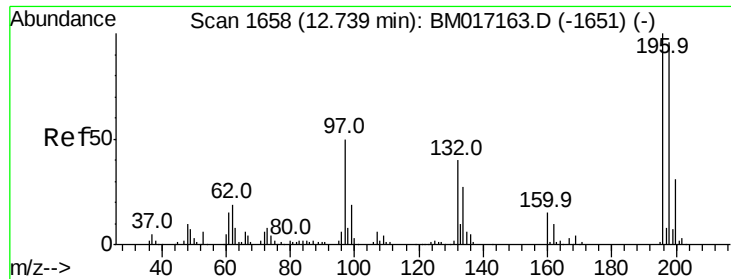
Acq: 18 Oct 2018 06:09

Tgt Ion:	330	Resp:	898788
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.3	115.9
141	35.4	27.4	41.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





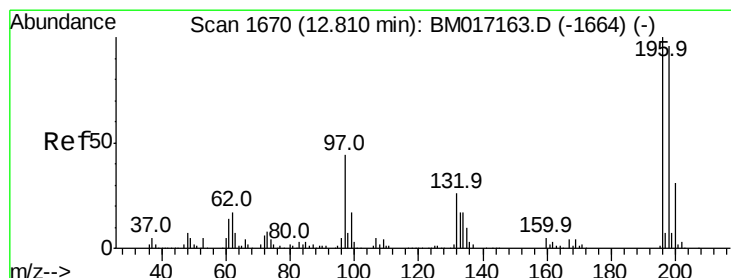
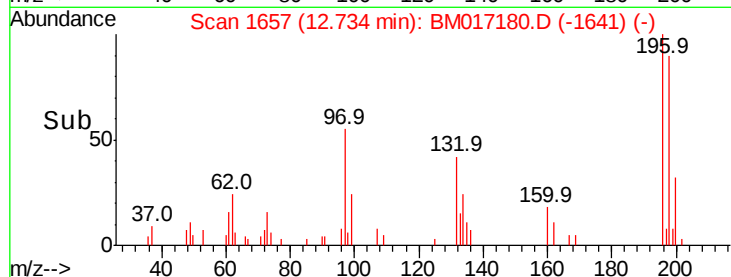
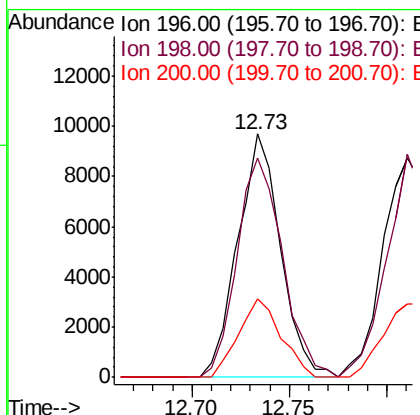
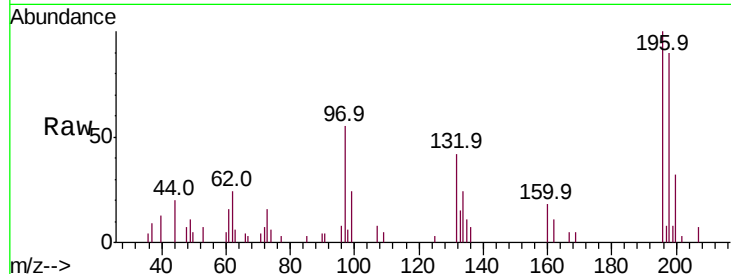
#43
 2,4,6-Trichlorophenol
 Concen: 1.653 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.1	77.1	115.7
200	32.2	25.0	37.4

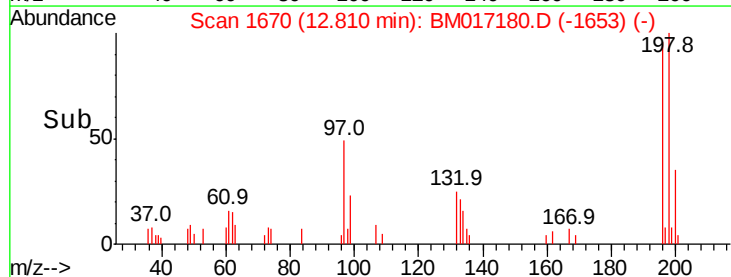
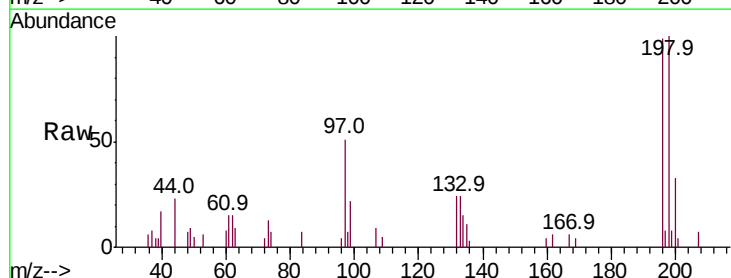
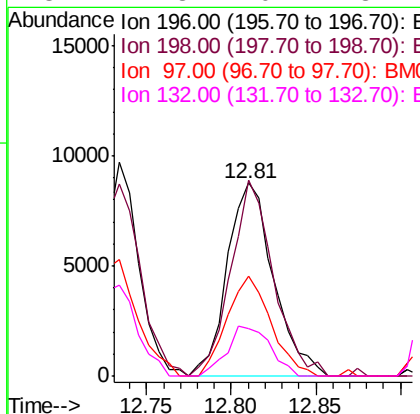
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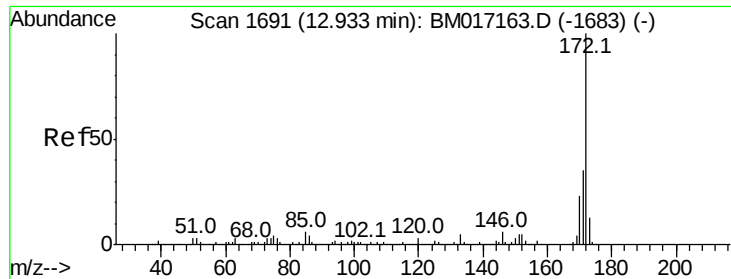
Sohil
 10/18/2018 5:33:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 1.748 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.5	76.6	115.0
97	52.1	35.5	53.3
132	24.3	20.7	31.1





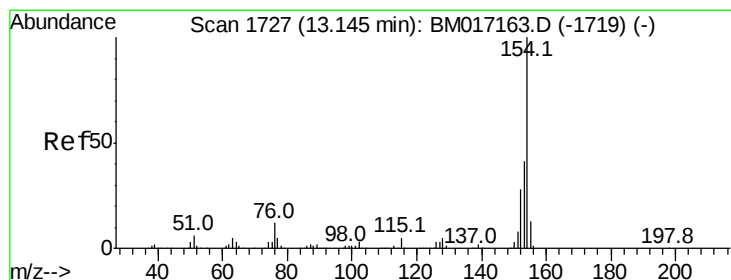
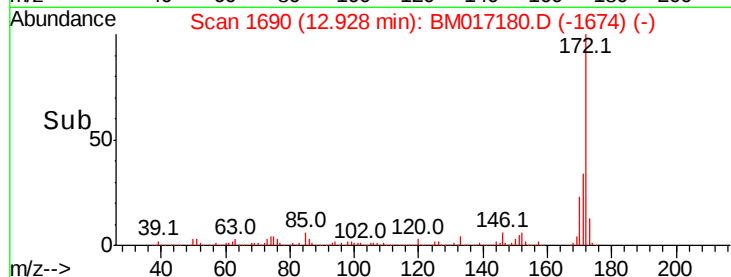
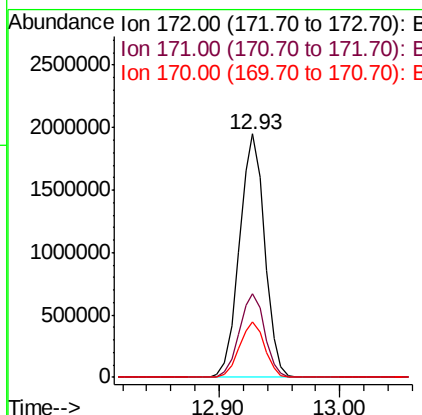
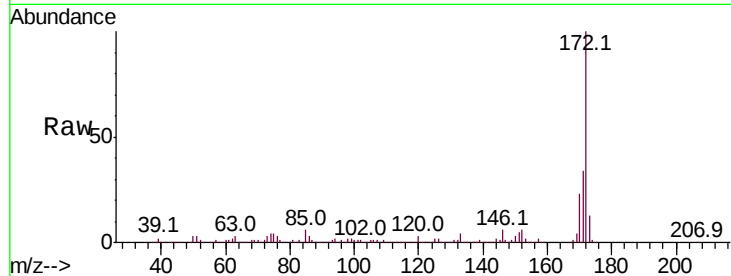
#45
2-Fluorobiphenyl
Concen: 86.648 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.3	42.5
170	22.8	18.3	27.5

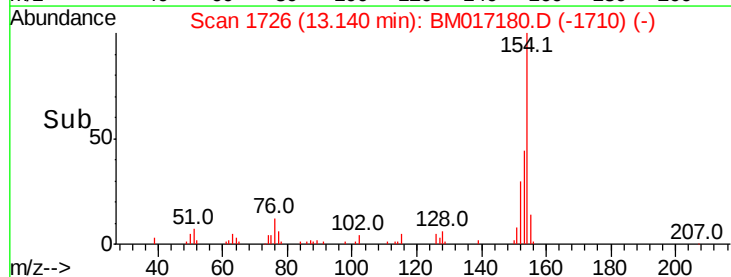
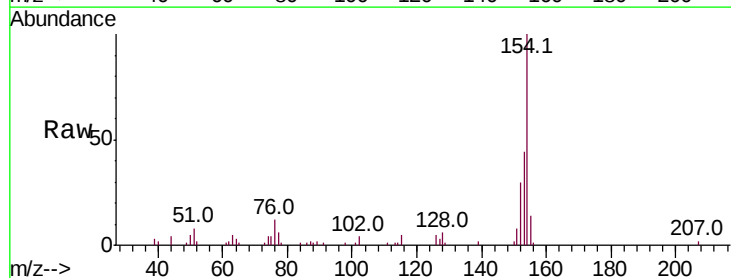
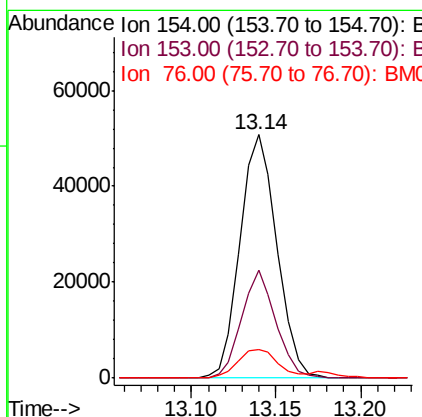
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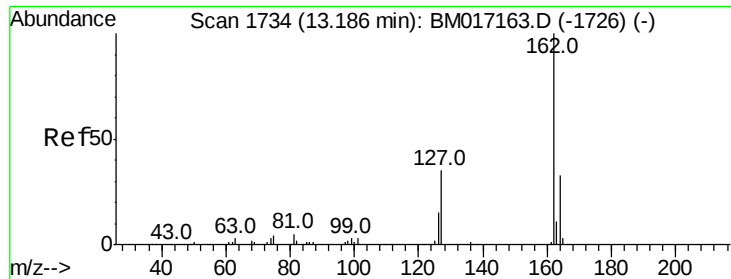
Sohil
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#46
1,1'-Biphenyl
Concen: 1.966 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	20.5	60.5
76	11.8	0.0	31.8





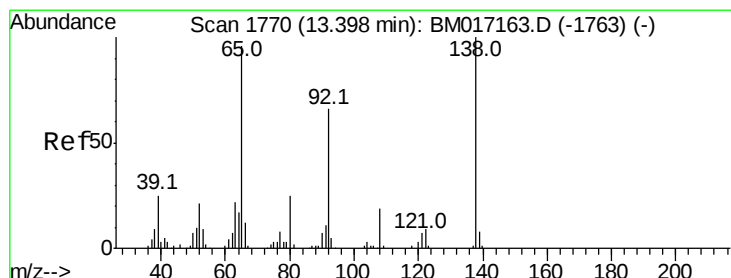
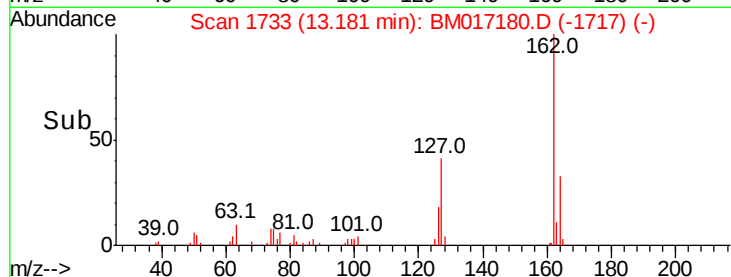
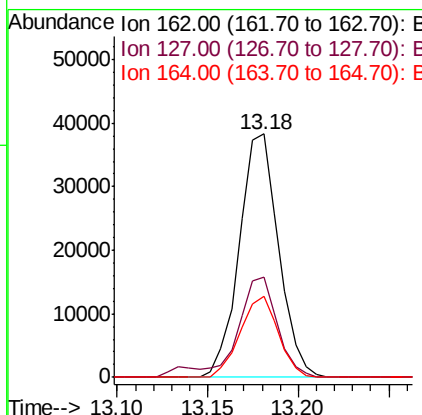
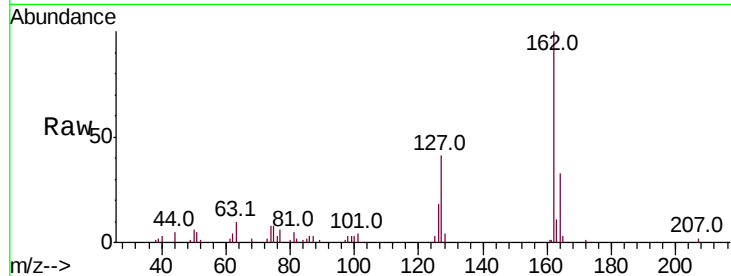
#47
2-Chloronaphthalene
Concen: 2.004 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	31.0	46.4
164	33.3	26.6	39.8

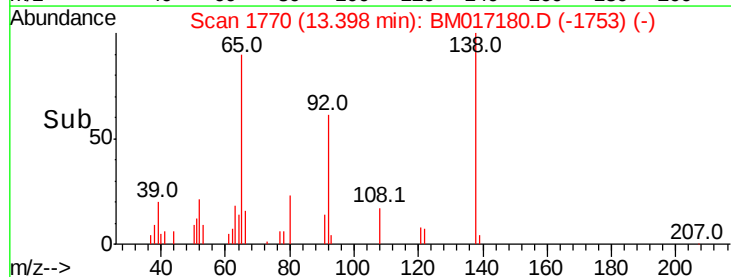
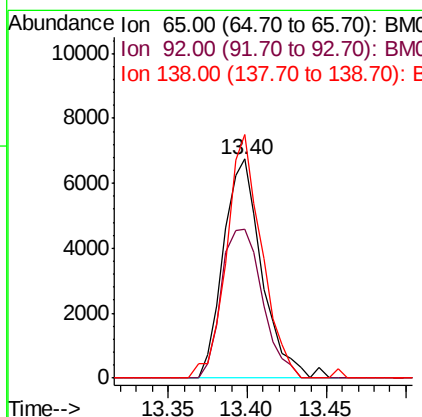
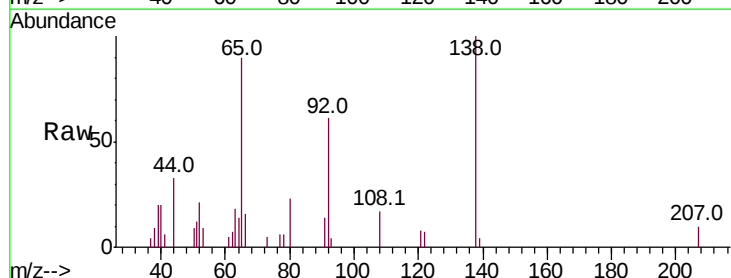
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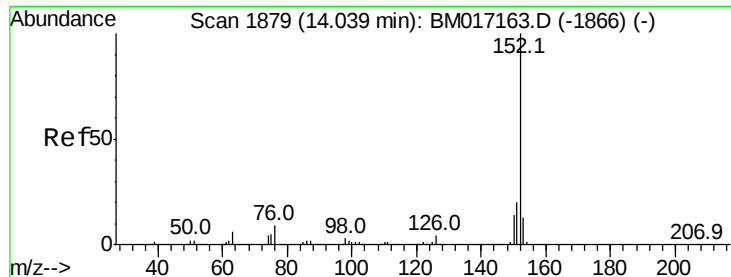
Sohil
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#48
2-Nitroaniline
Concen: 6.915 ng
RT: 13.40 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.9	82.3
138	111.3	83.7	125.5





#49

Acenaphthylene

Concen: 1.967 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

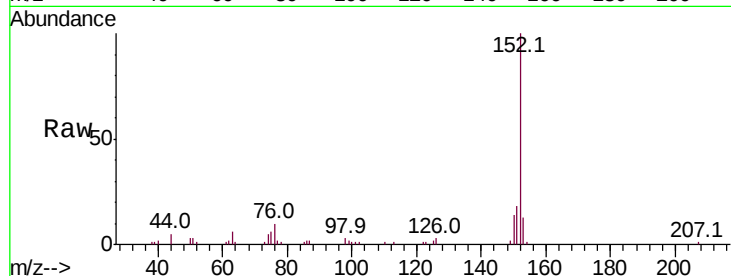
ClientSampleId :

MDL-WATER-03-QT4-2018

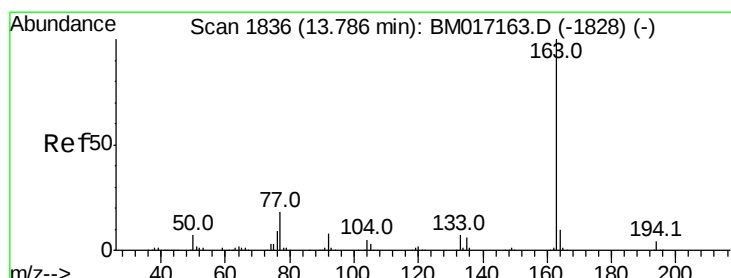
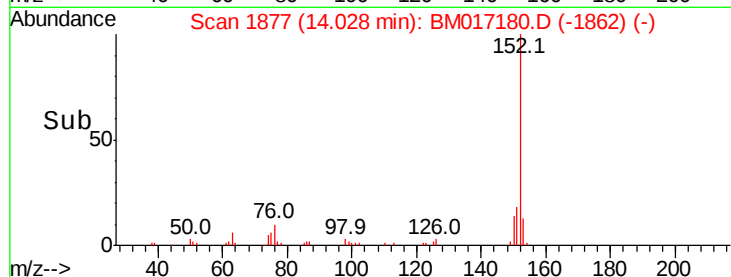
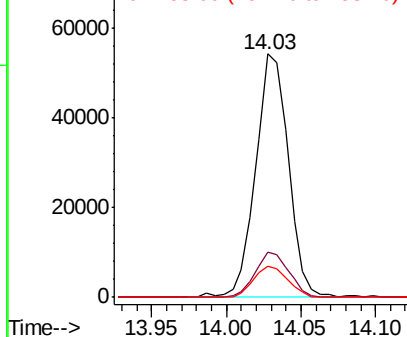
Tot Ion:	152	Resp:	82254
Ion Ratio	Lower	Upper	
152	100		
151	18.4	16.0	24.0
153	12.9	10.4	15.6

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.068 ng

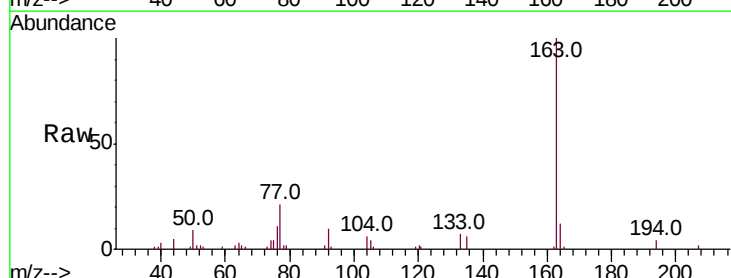
RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

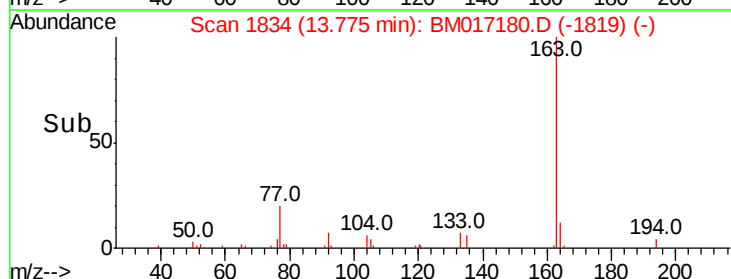
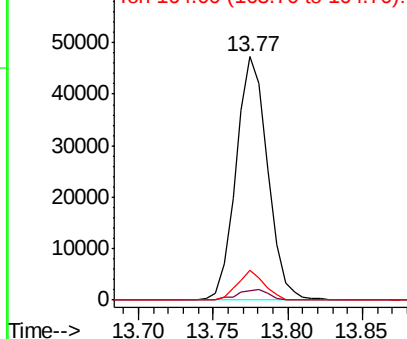
Lab File: BM017180.D

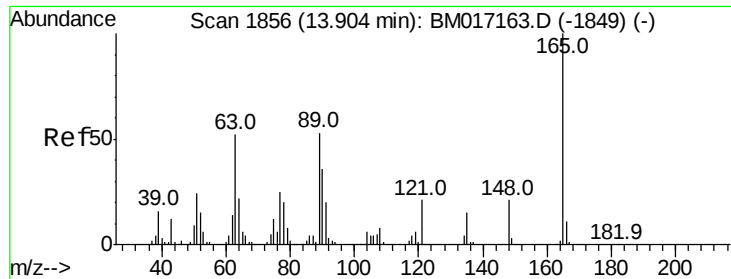
Acq: 18 Oct 2018 06:09

Tgt Ion:	163	Resp:	69530
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	12.3	7.8	11.8#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 1.514 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

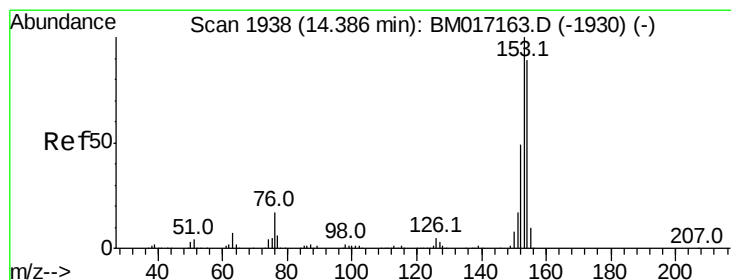
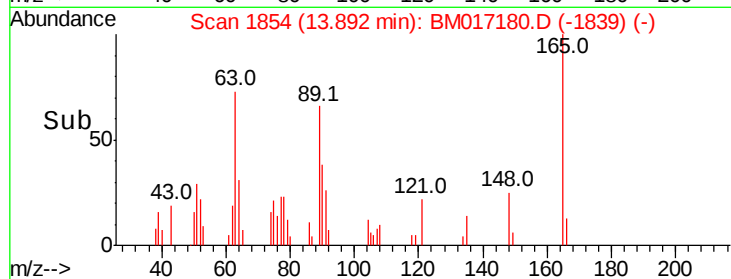
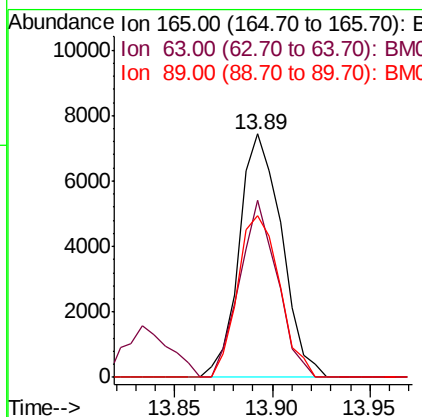
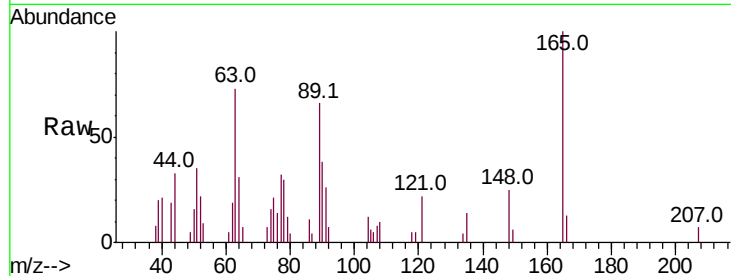
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	165	Resp:	11202
Ion Ratio	Lower	Upper	
165	100		
63	72.6	42.7	64.1#
89	66.2	42.1	63.1#

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#52

Acenaphthene

Concen: 2.059 ng

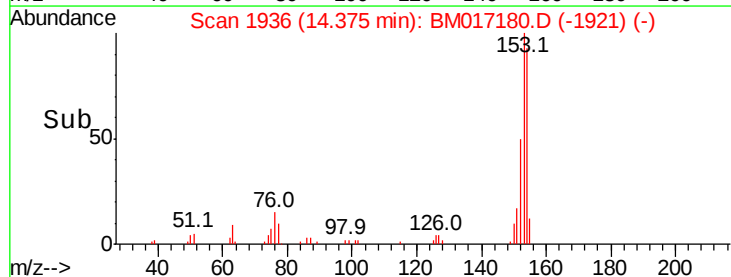
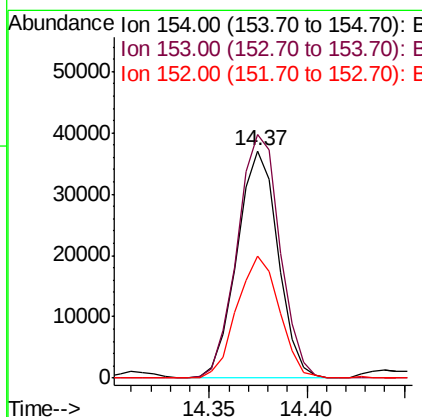
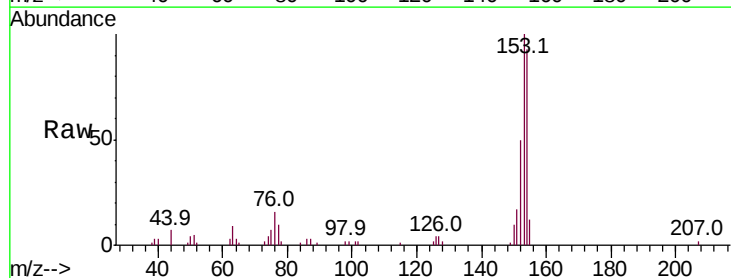
RT: 14.37 min Scan# 1936

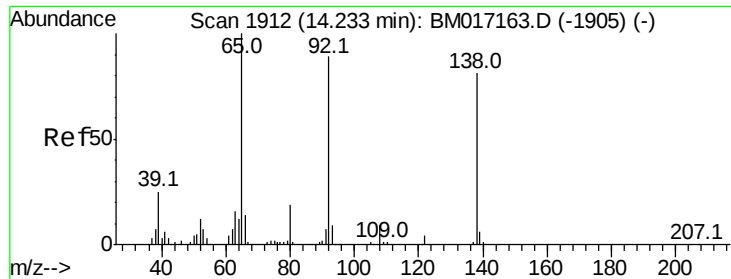
Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Tgt Ion:	154	Resp:	54063
Ion Ratio	Lower	Upper	
154	100		
153	107.0	90.2	135.2
152	53.8	44.2	66.4





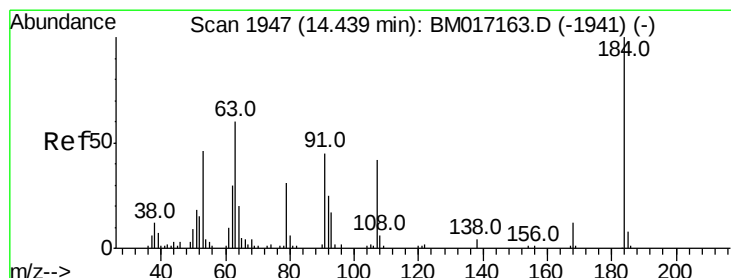
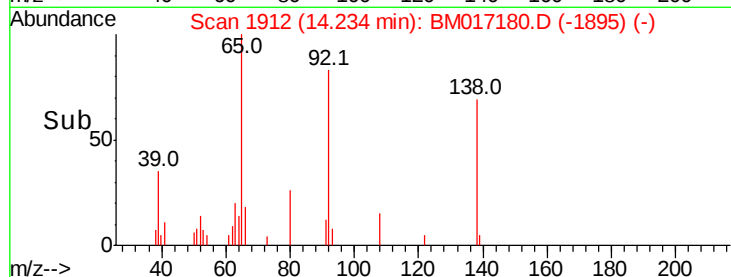
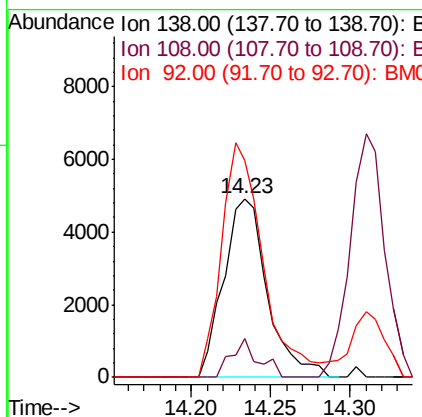
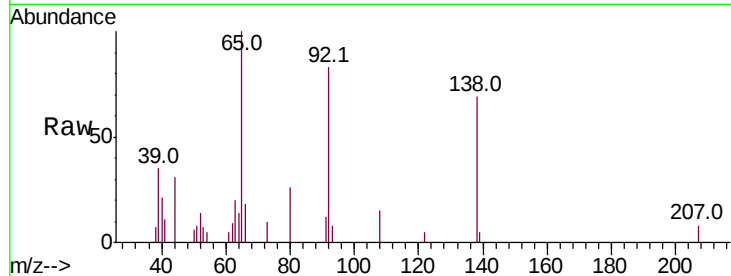
#53
3-Nitroaniline
Concen: 1.178 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion:138 Resp: 9442
Ion Ratio Lower Upper
138 100
108 21.4 8.7 13.1#
92 121.1 87.9 131.9

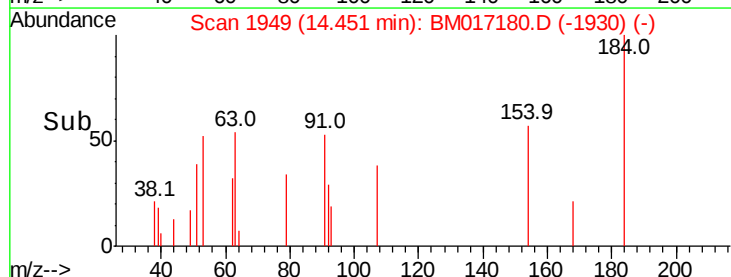
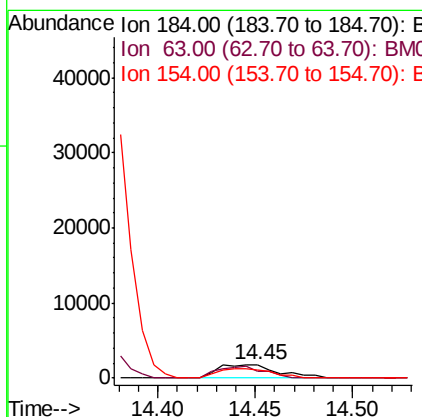
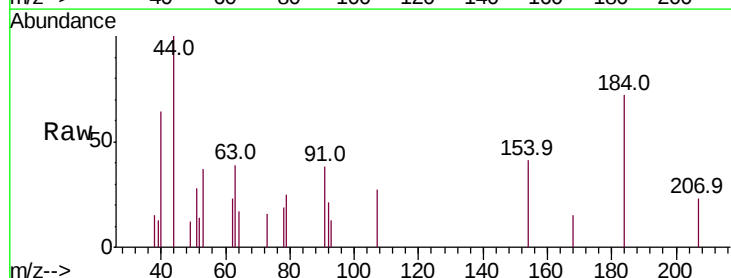
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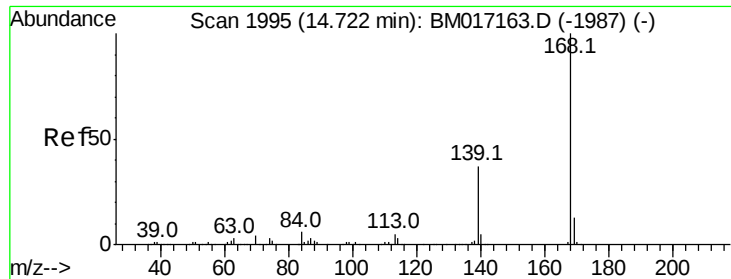
Sohil
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#54
2,4-Dinitrophenol
Concen: 8.994 ng
RT: 14.45 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion:184 Resp: 3714
Ion Ratio Lower Upper
184 100
63 54.2 51.2 76.8
154 57.0 47.8 71.8





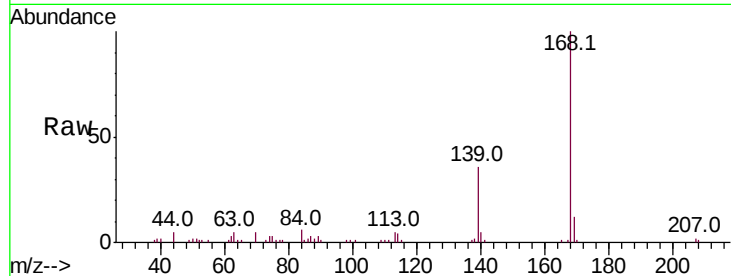
#55
Dibenzenofuran
Concen: 2.045 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	29.3	43.9
169	12.2	10.6	15.8

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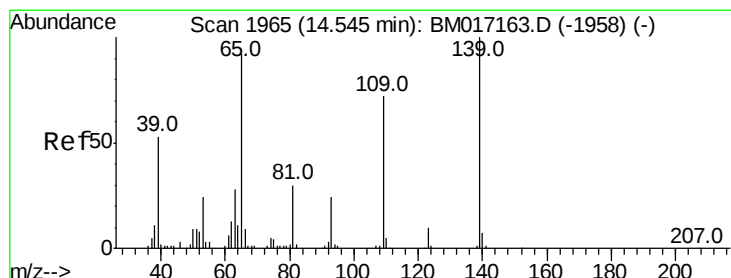
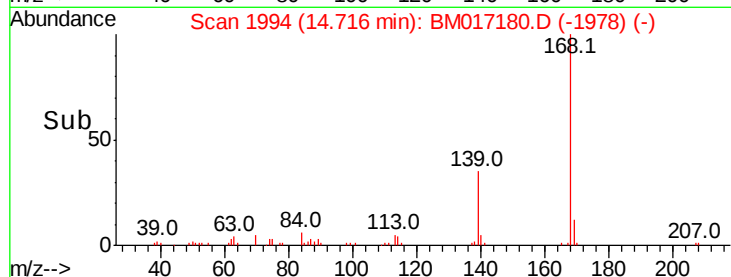
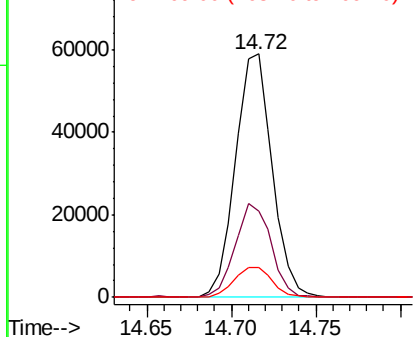


Abundance

Ion 168.00 (167.70 to 168.70): E

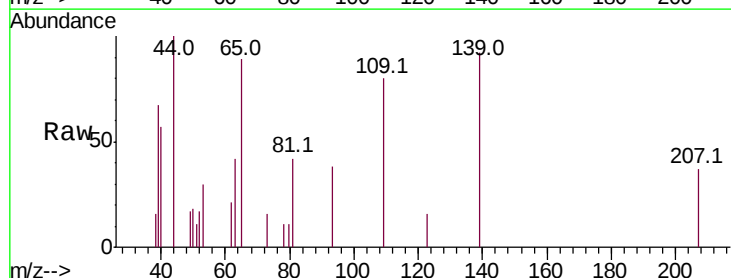
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 5.583 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.2	51.8	91.8
65	97.4	72.1	112.1

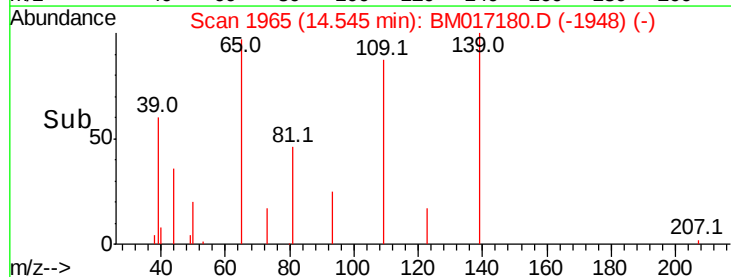
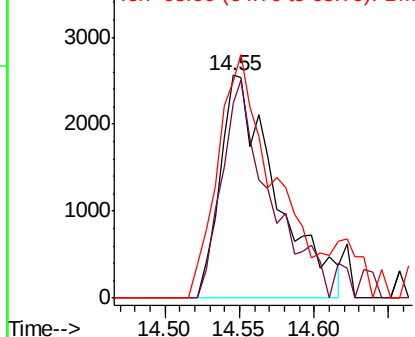


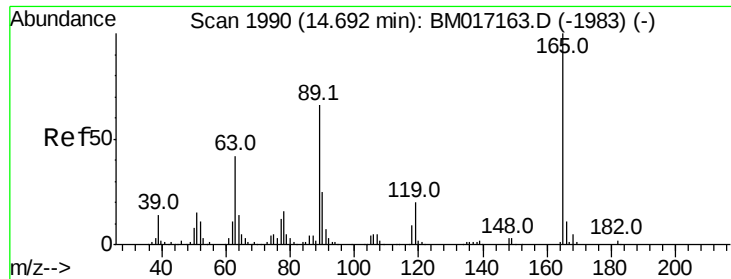
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





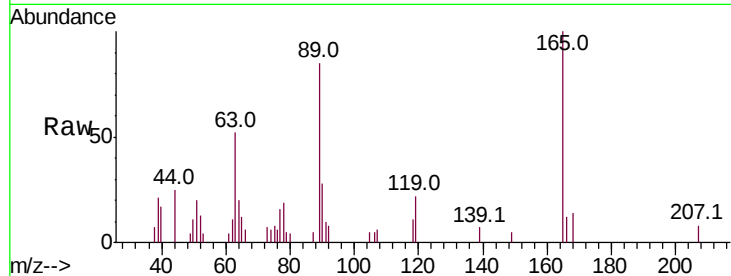
#57
 2,4-Dinitrotoluene
 Concen: 1.411 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.6	33.8	50.8#
89	85.2	53.1	79.7#
182	0.0	2.0	3.0#

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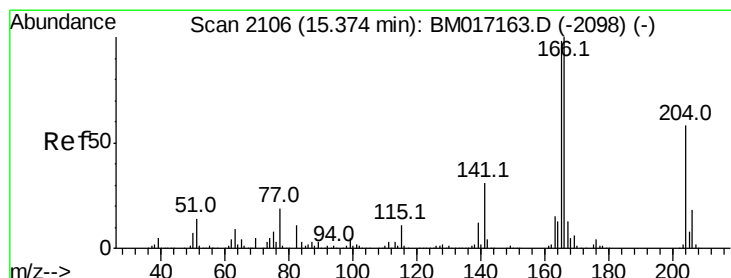
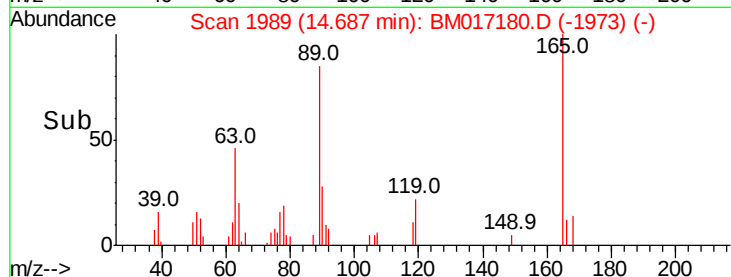
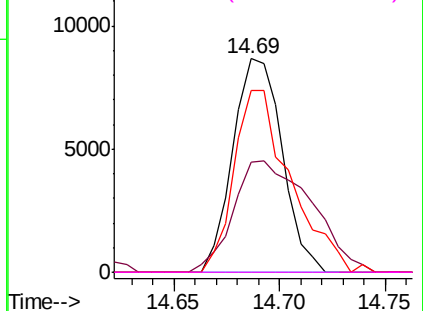
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 2.124 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

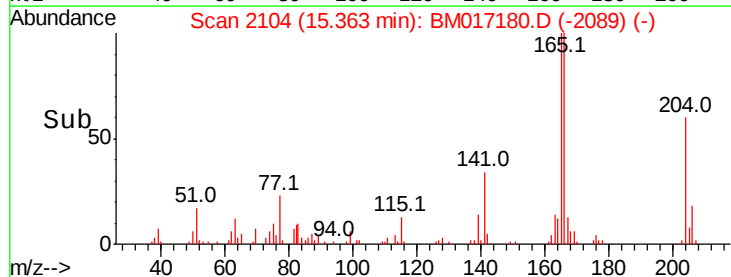
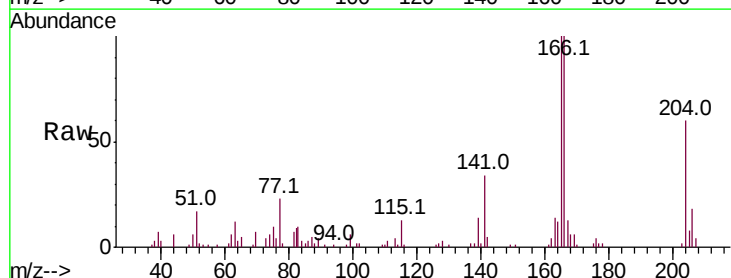
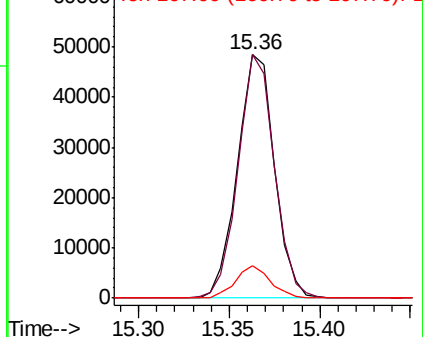
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.1	117.1
167	13.2	10.6	16.0

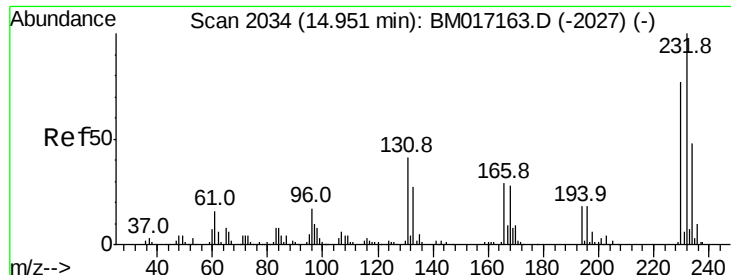
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





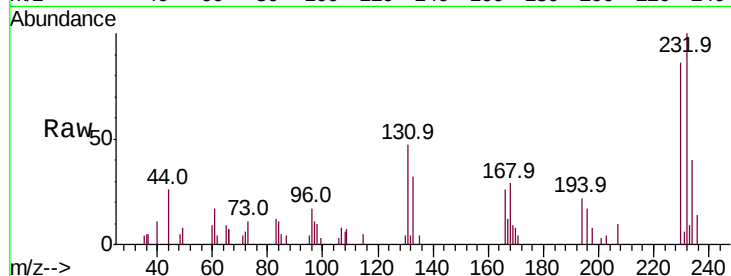
#59
2,3,4,6-Tetrachlorophenol
Concen: 1.816 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	33.1	49.7
130	0.8	1.7	2.5
166	28.2	24.4	36.6

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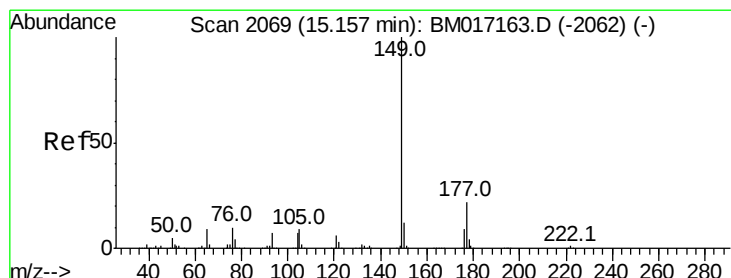
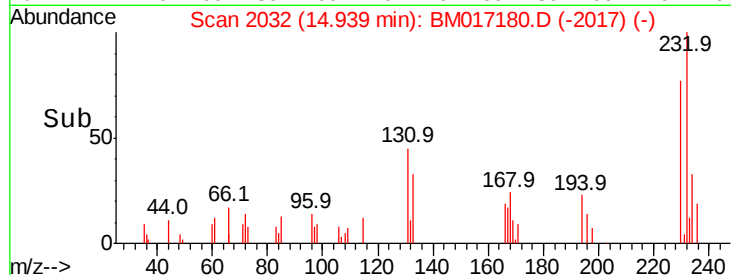
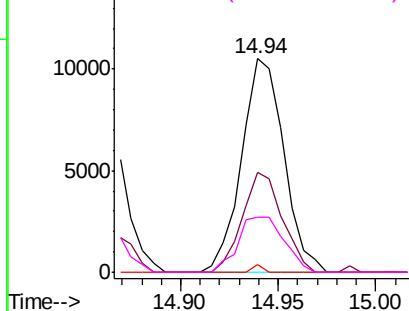
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 2.037 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

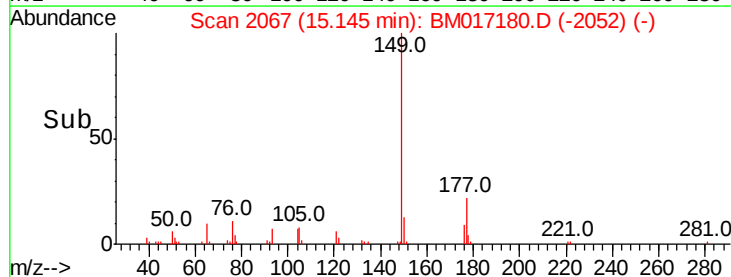
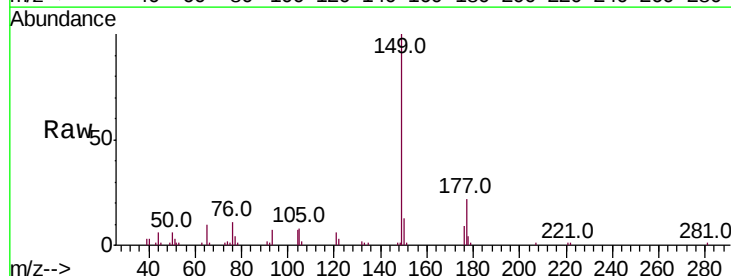
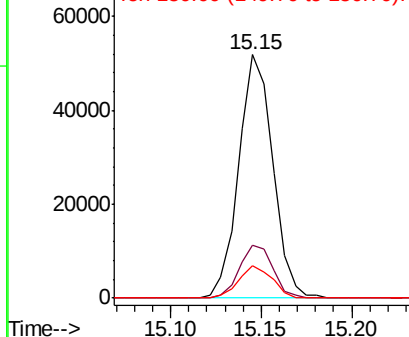
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.7	26.5
150	13.1	10.0	15.0

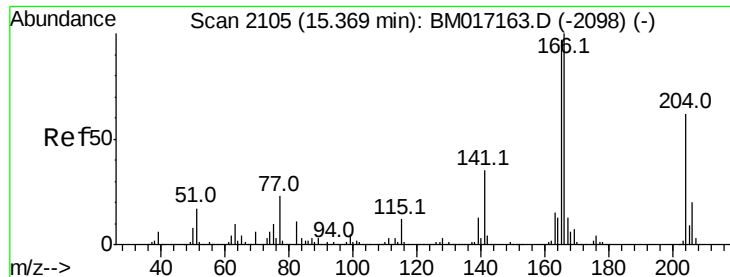
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





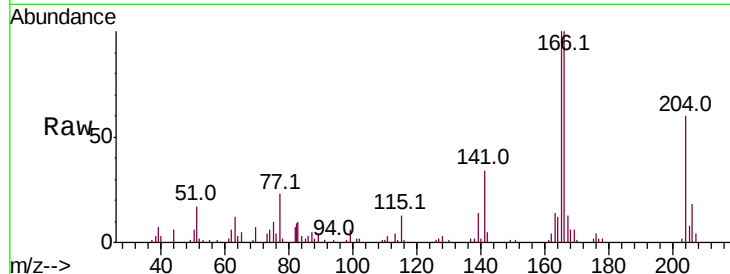
#61
 4-Chlorophenyl-phenylether
 Concen: 2.007 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

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

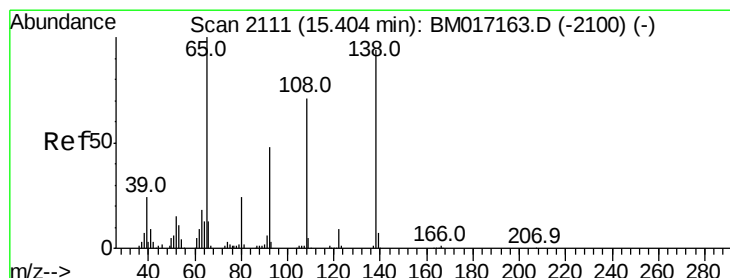
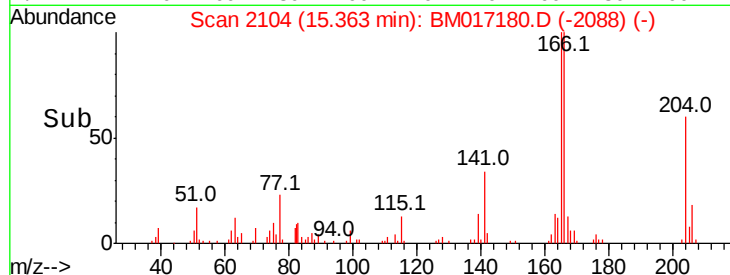
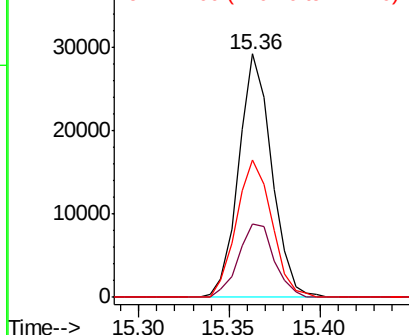
Tot Ion	Ratio	Resp	Lower	Upper
204	100	36975		
206	30.0		26.1	39.1
141	56.2		45.4	68.2

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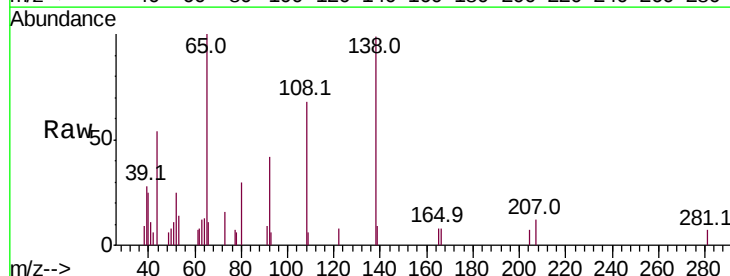


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

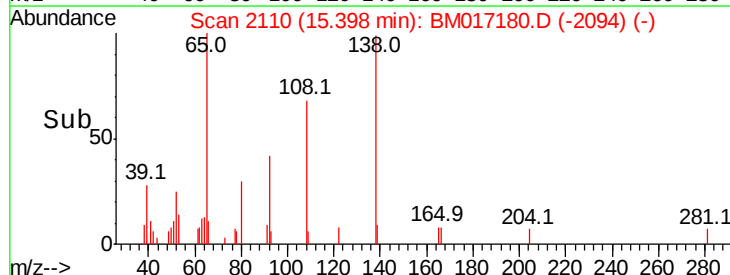
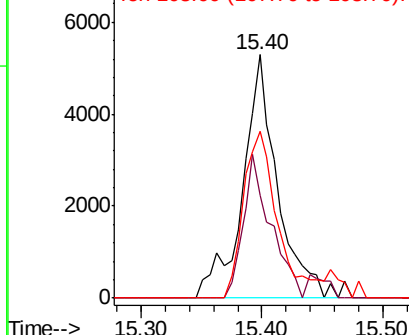


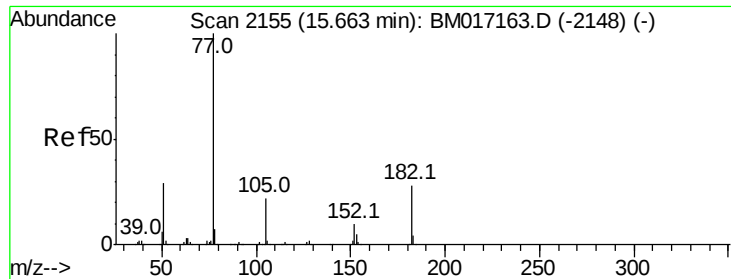
#62
 4-Nitroaniline
 Concen: 5.821 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	10586		
92	42.0		31.2	71.2
108	68.3		55.5	95.5



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





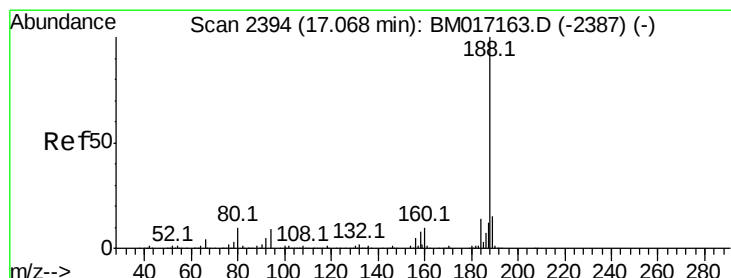
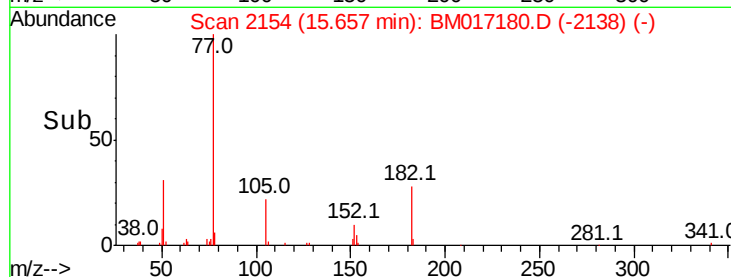
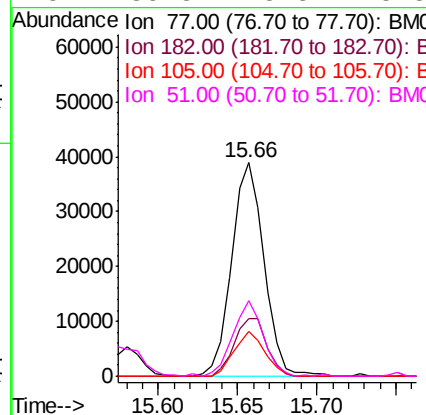
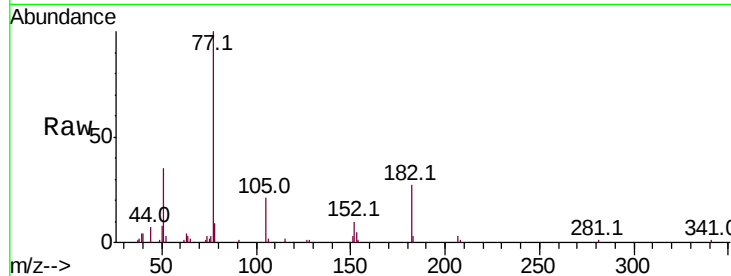
#63
Azobenzene
Concen: 1.691 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.3	48.3
105	21.1	1.5	41.5
51	35.3	8.8	48.8

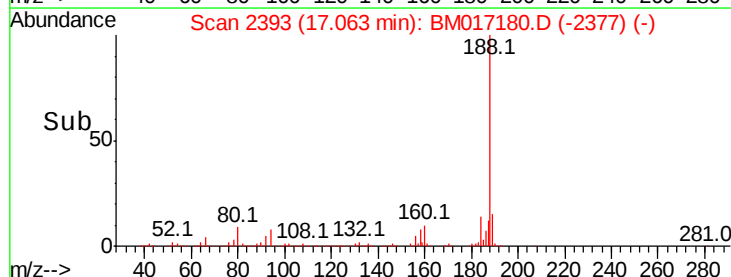
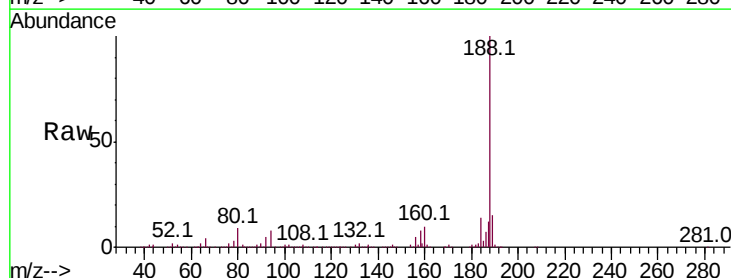
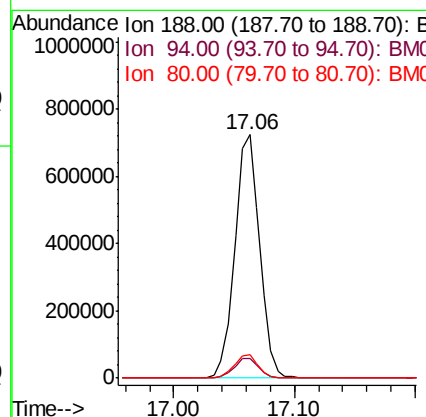
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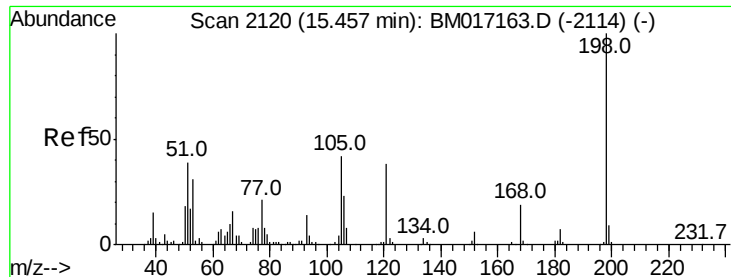
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.4
80	9.4	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 7.857 ng

RT: 15.46 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

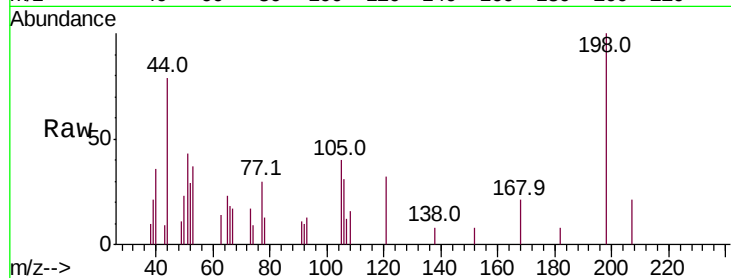
ClientSampleId :

MDL-WATER-03-QT4-2018

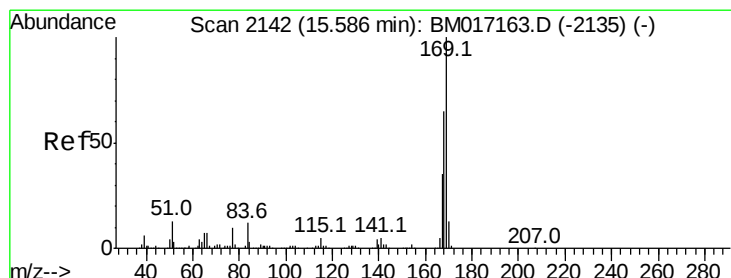
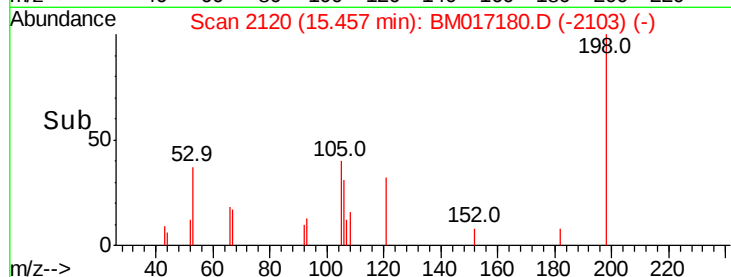
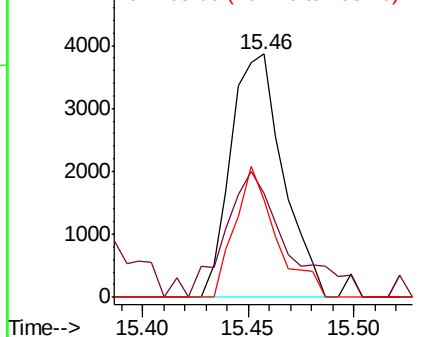
Tot Ion:	198	Resp:	6632
Ion Ratio	Lower	Upper	
198	100		
51	42.7	20.3	60.3
105	40.2	21.9	61.9

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 1.769 ng

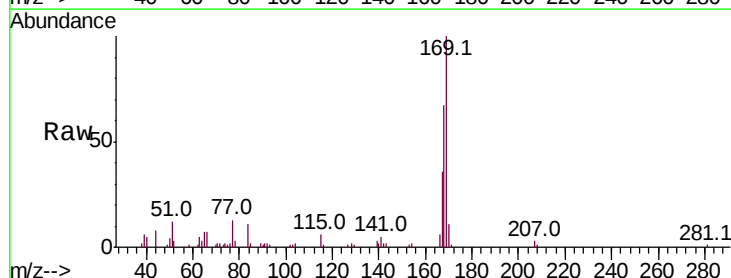
RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

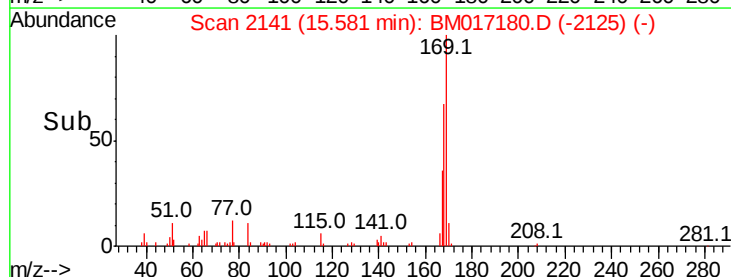
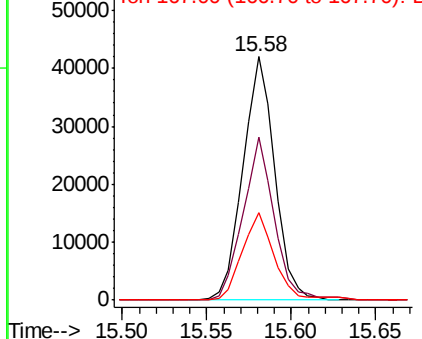
Lab File: BM017180.D

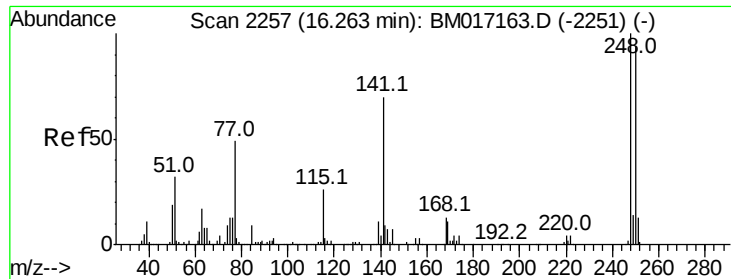
Acq: 18 Oct 2018 06:09

Tgt Ion:	169	Resp:	55232
Ion Ratio	Lower	Upper	
169	100		
168	67.2	52.2	78.4
167	36.0	28.4	42.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





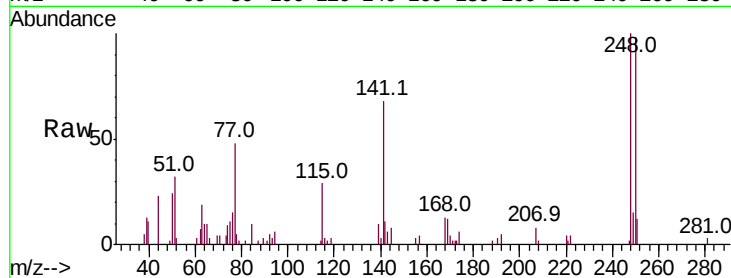
#67
4-Bromophenyl-phenylether
Concen: 1.928 ng
RT: 16.26 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	75.1	112.7
141	68.0	55.6	83.4

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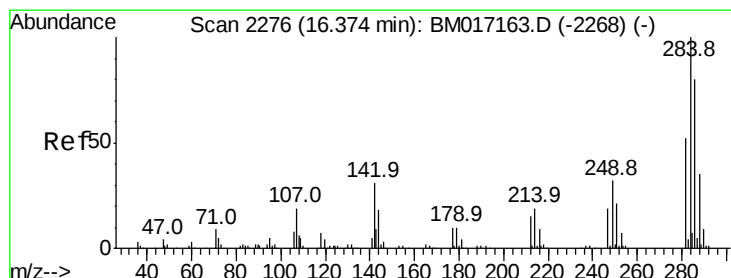
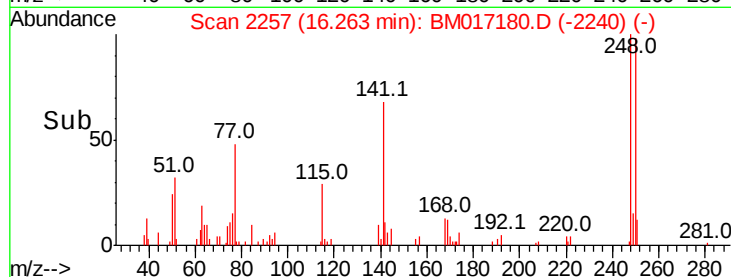
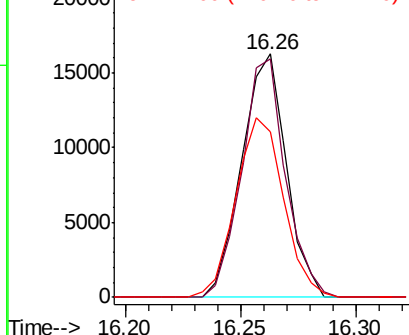


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 1.997 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

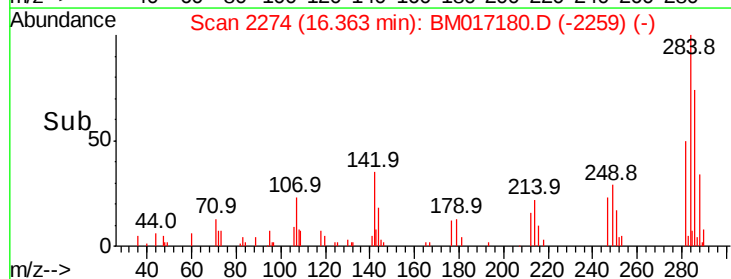
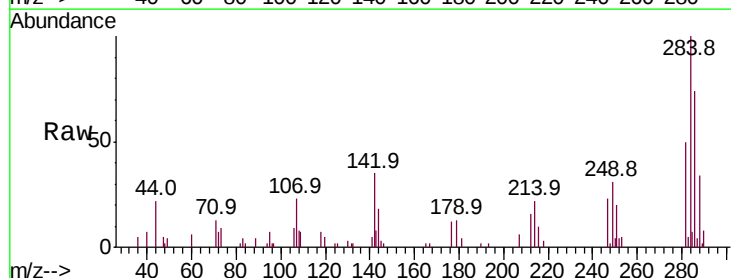
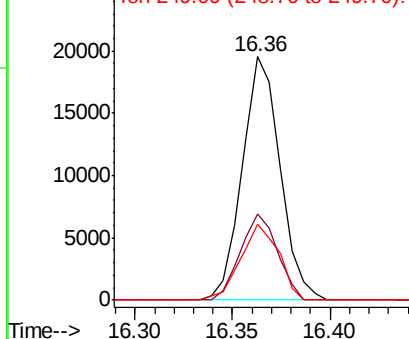
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	25.0	37.6
249	31.3	25.5	38.3

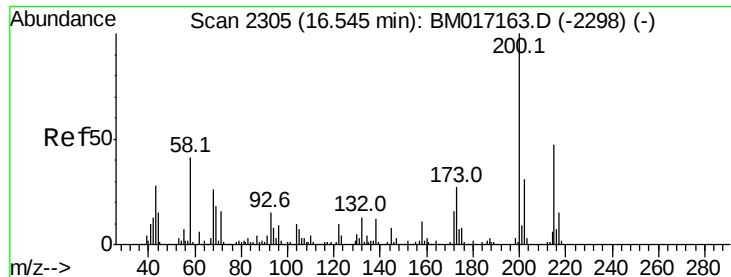
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





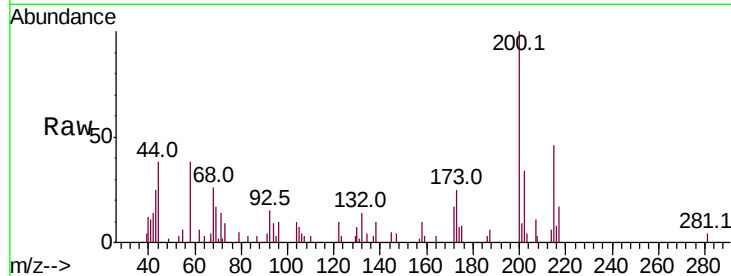
#69
Atrazine
Concen: 1.699 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	7.0	47.0
215	45.6	27.3	67.3

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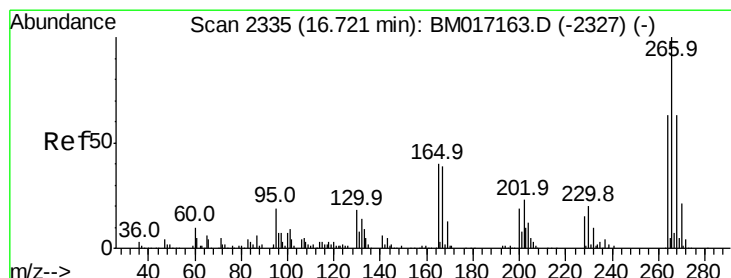
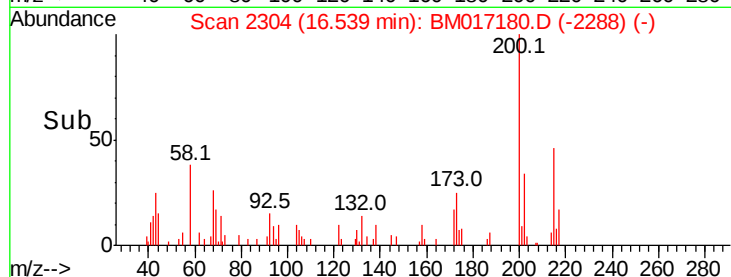
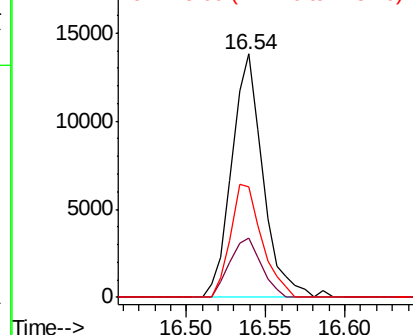


Abundance

Ion 200.00 (199.70 to 200.70): E

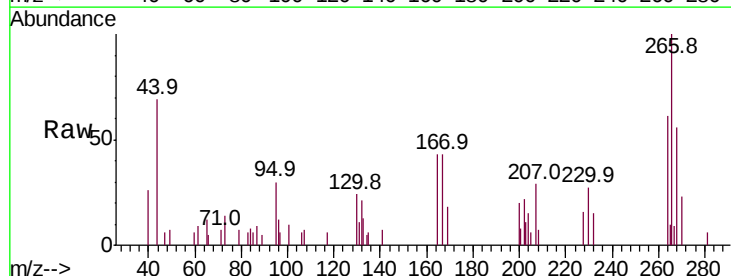
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 1.083 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	56.1	50.7	76.1
264	61.3	50.4	75.6

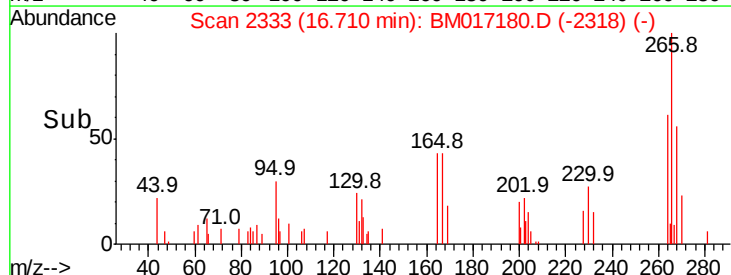
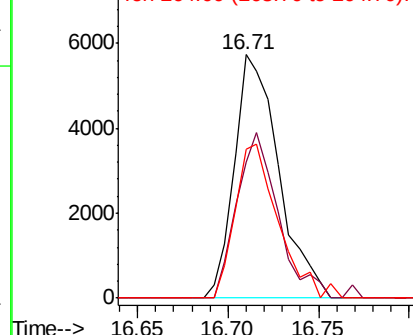


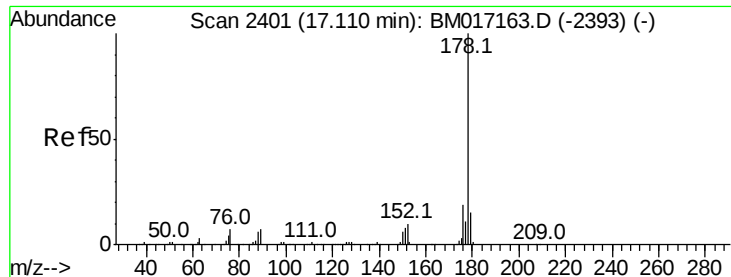
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





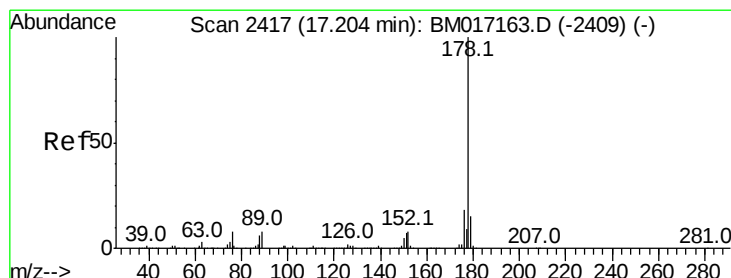
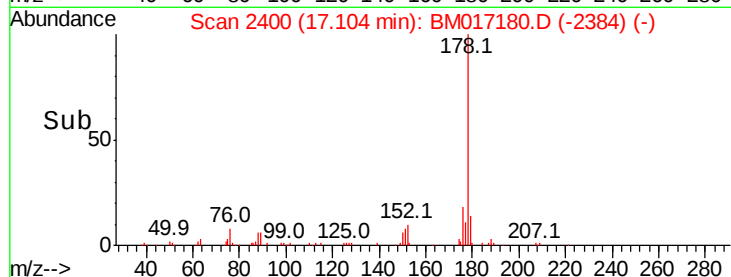
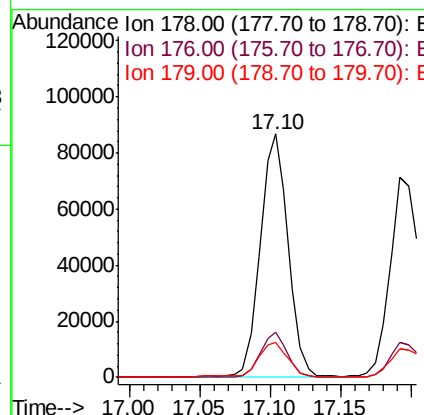
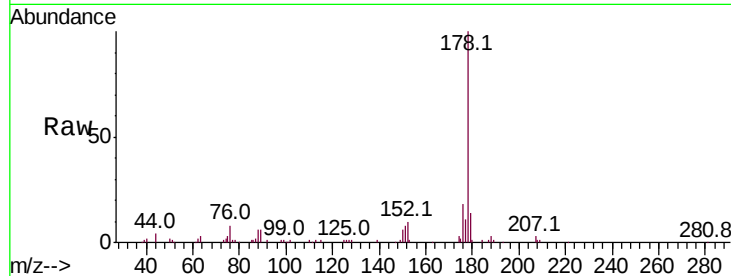
#71
Phenanthrene
Concen: 2.168 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	14.4	12.3	18.5

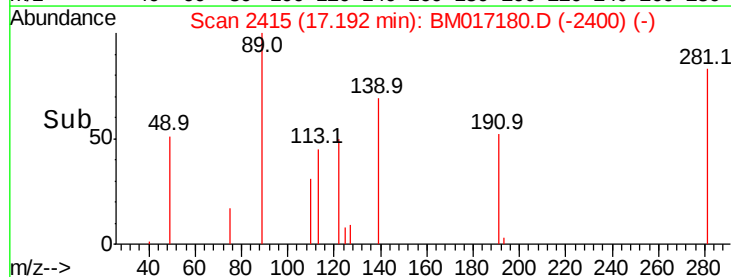
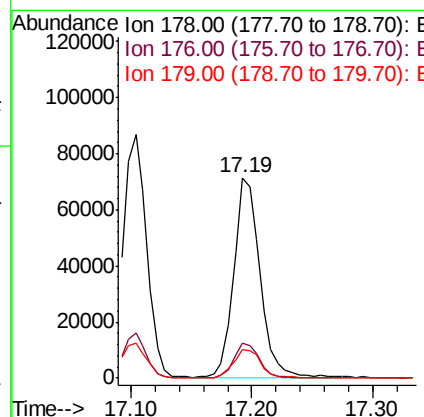
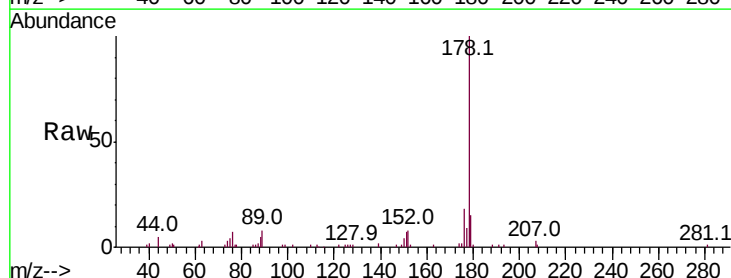
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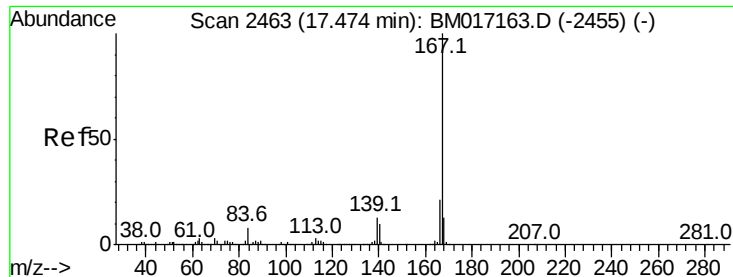
Sohil
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#72
Anthracene
Concen: 2.027 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.5	21.7
179	14.5	12.2	18.2





#73

Carbazole

Concen: 1.697 ng

RT: 17.47 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

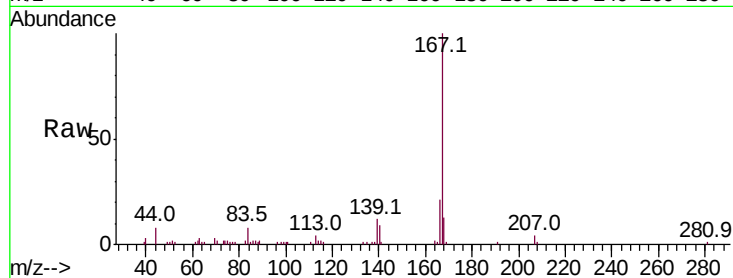
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.1	25.7
139	12.1	10.1	15.1

Manual Integrations
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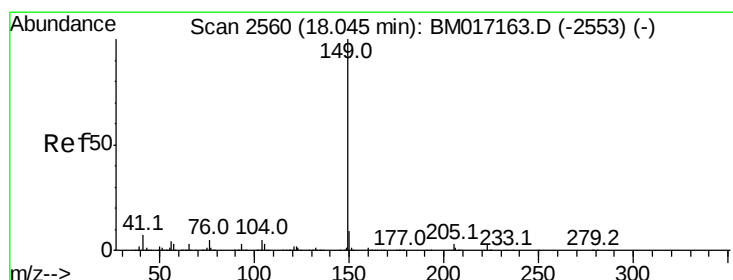
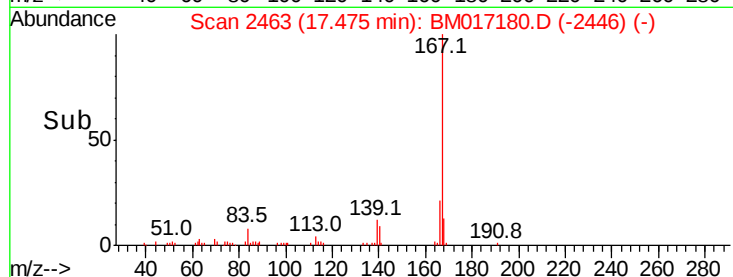
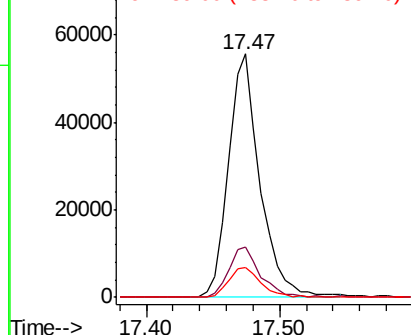


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 1.616 ng

RT: 18.04 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

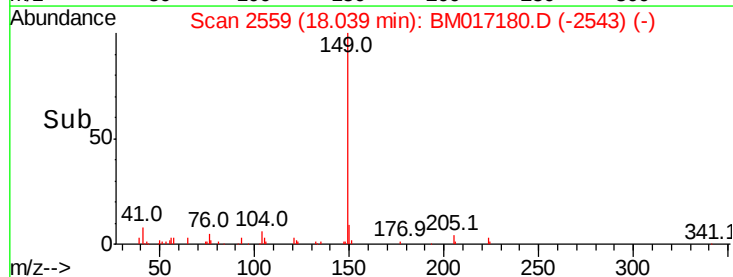
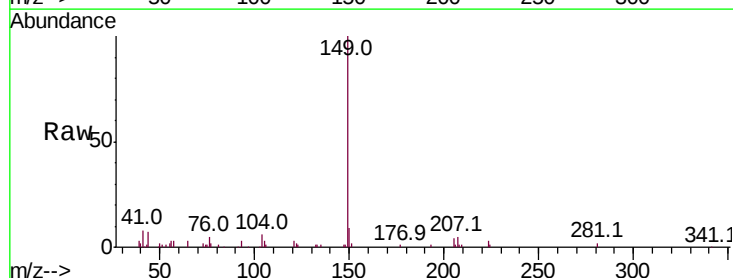
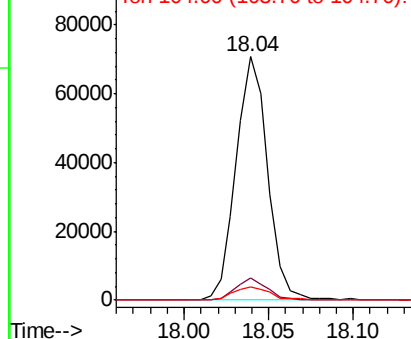
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.7	4.3	6.5

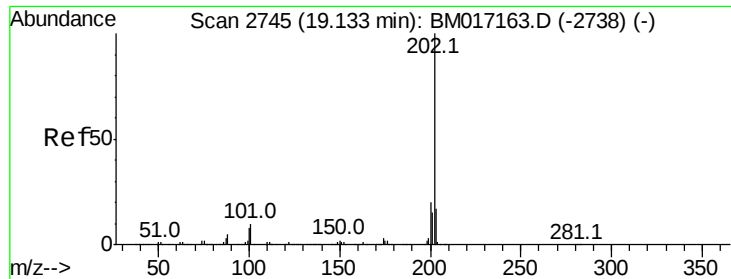
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 2.061 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

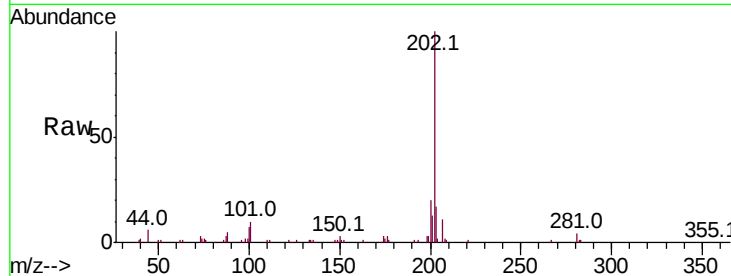
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	202	Resp:	129144
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.0
203	17.5	0.0	37.2

Manual Integrations
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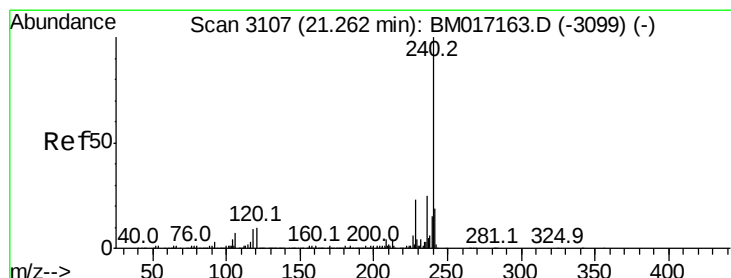
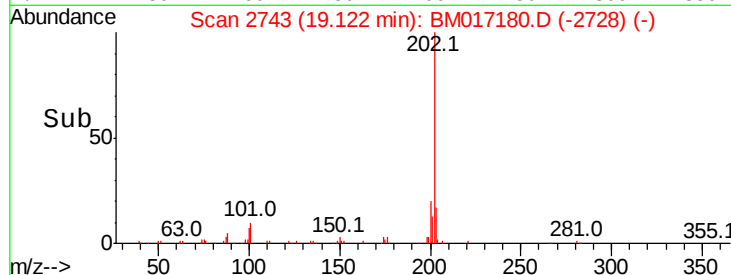
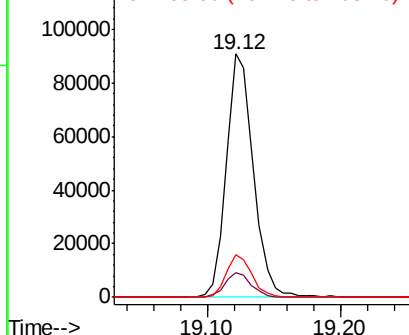


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

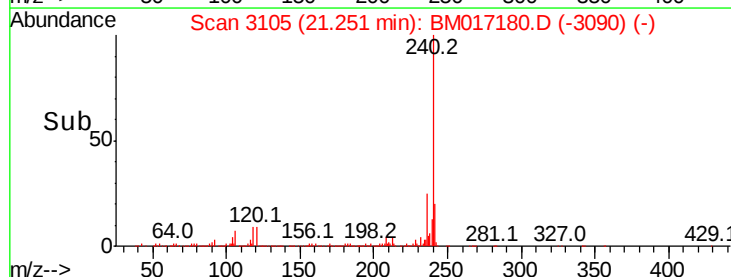
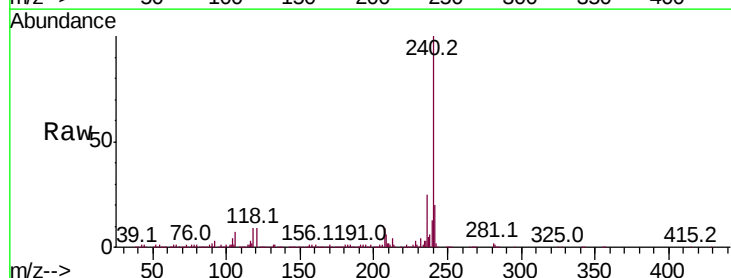
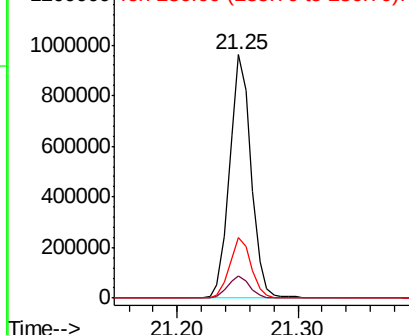
Tgt Ion:	240	Resp:	1191360
Ion Ratio	Lower	Upper	
240	100		
120	9.1	8.1	12.1
236	25.0	19.9	29.9

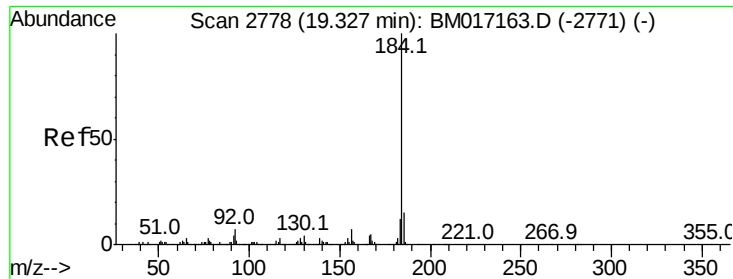
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.828 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

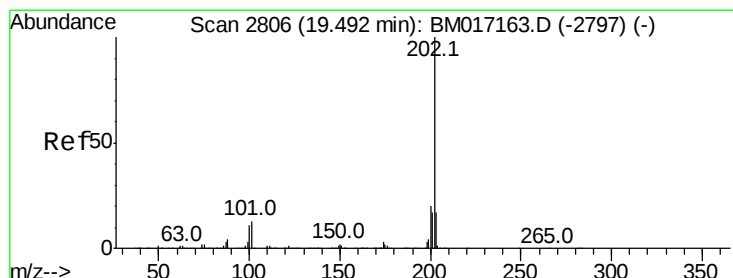
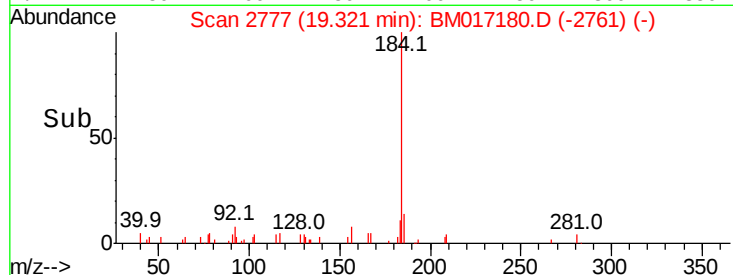
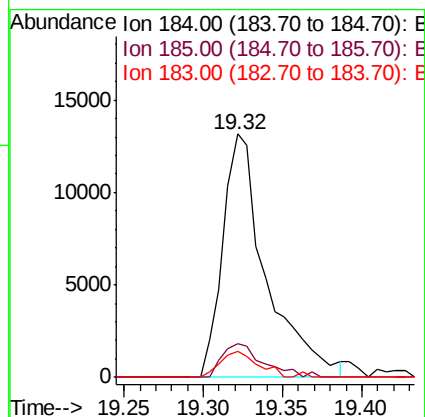
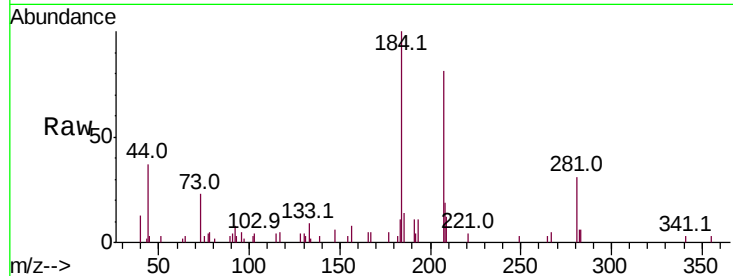
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	184	Resp:	25010
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.8	17.8
183	10.7	9.7	14.5

Manual Integrations
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#78

Pyrene

Concen: 1.959 ng

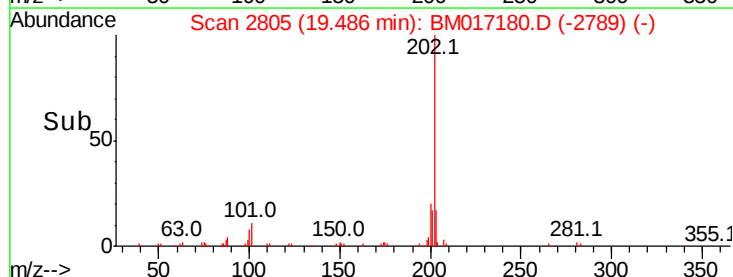
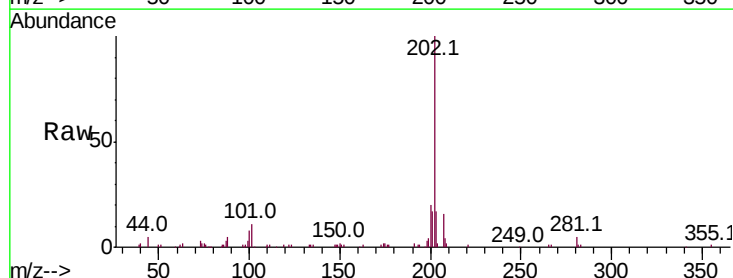
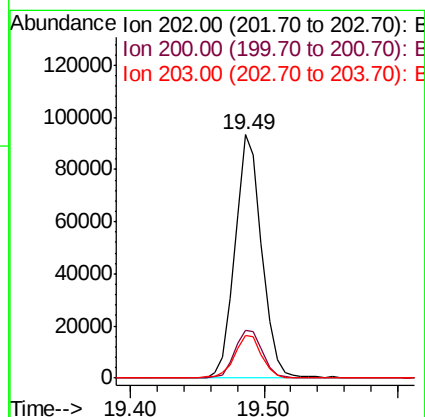
RT: 19.49 min Scan# 2805

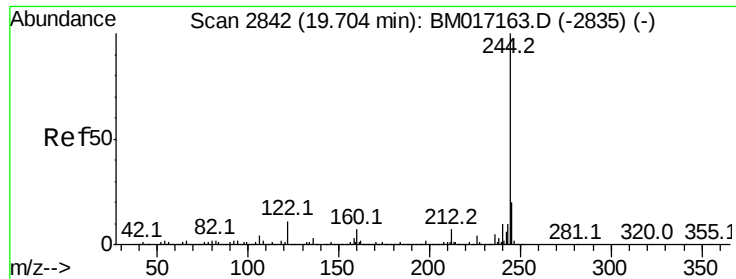
Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Tgt Ion:	202	Resp:	130409
Ion Ratio	Lower	Upper	
202	100		
200	19.5	16.3	24.5
203	17.4	13.9	20.9





#79

Terphenyl-d14

Concen: 84.907 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:244 Resp: 4487774

Ion Ratio Lower Upper

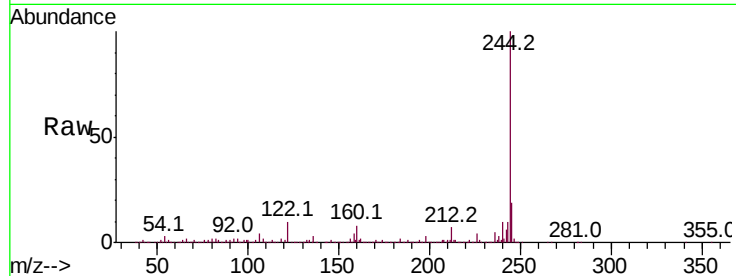
244 100

212 7.4 5.5 8.3

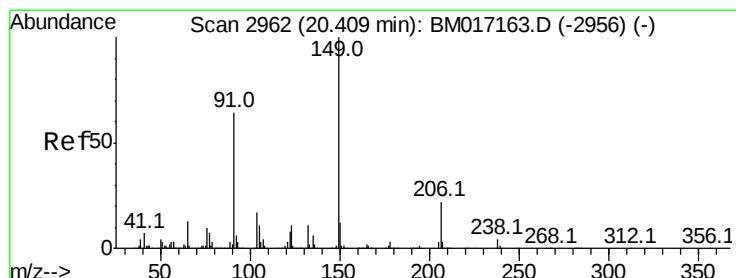
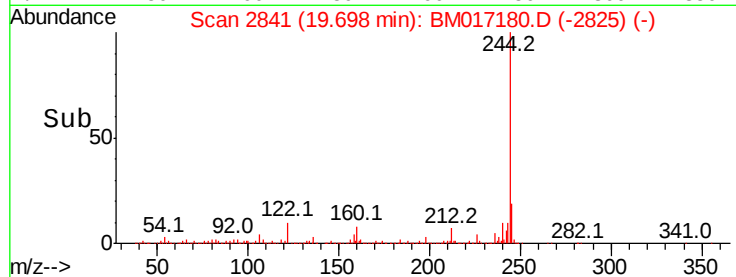
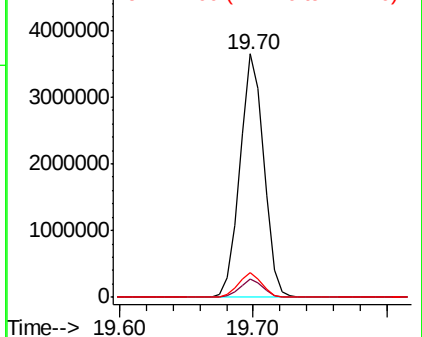
122 10.1 8.4 12.6

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Abundance Ion 244.00 (243.70 to 244.70): E
5000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 8.362 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM017180.D

Acq: 18 Oct 2018 06:09

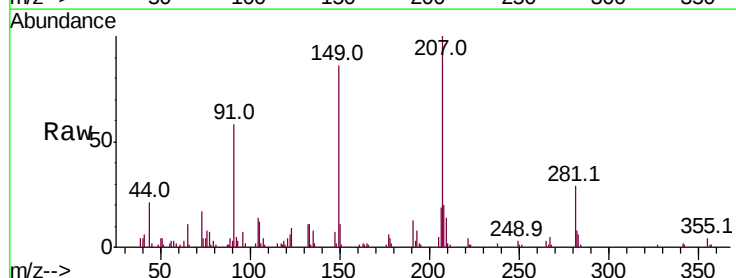
Tgt Ion:149 Resp: 35340

Ion Ratio Lower Upper

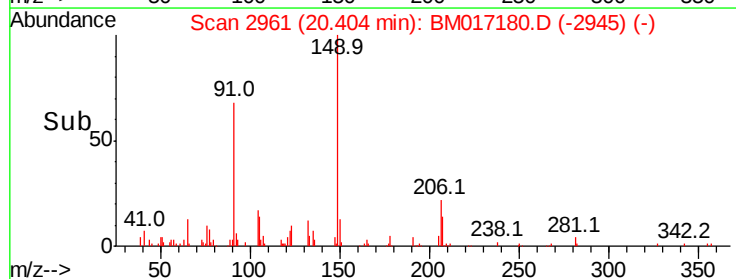
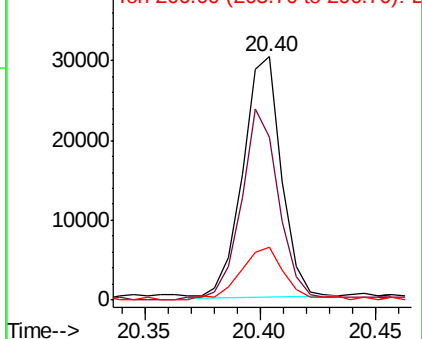
149 100

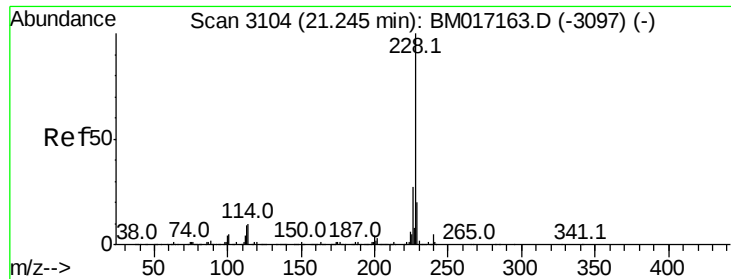
91 66.8 51.3 76.9

206 21.7 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E
40000
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





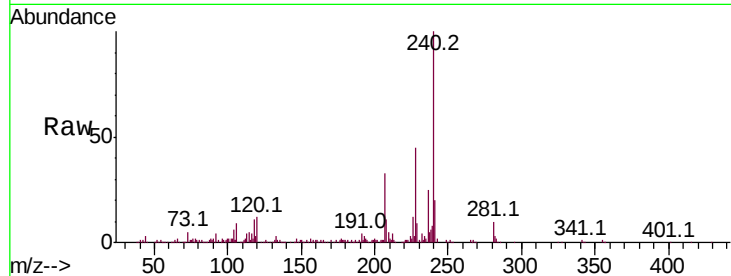
#81
Benzo(a)anthracene
Concen: 2.071 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.4	32.0
229	19.2	15.9	23.9

Manual Integrations
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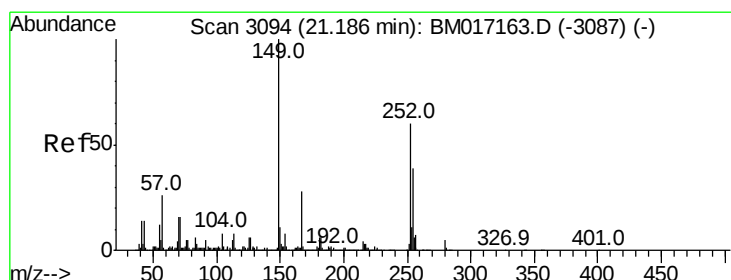
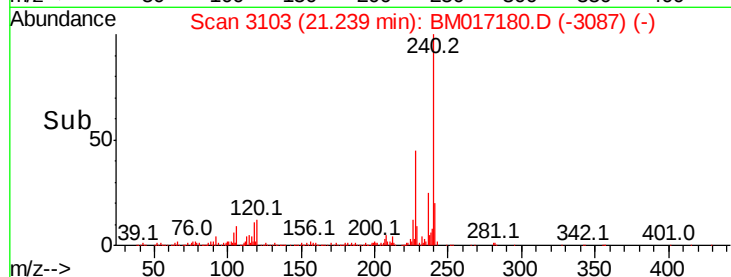
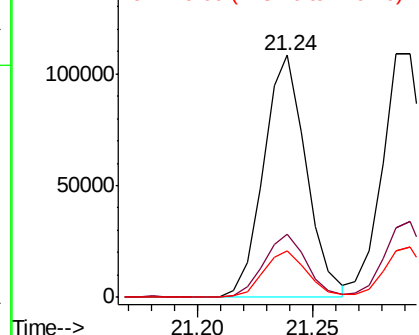


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 1.218 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

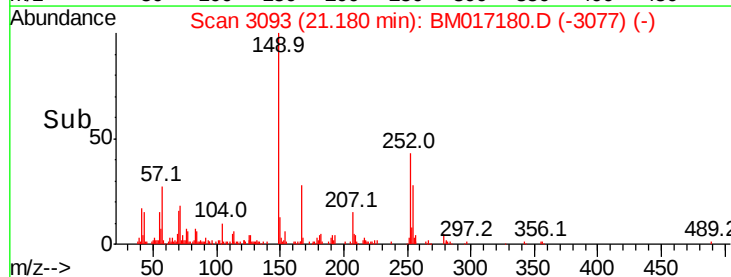
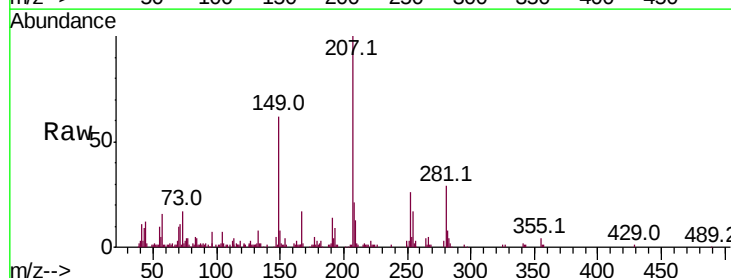
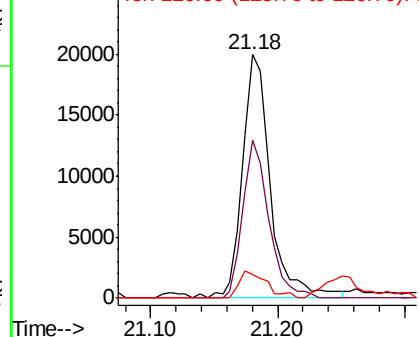
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	9.4	8.6	12.8

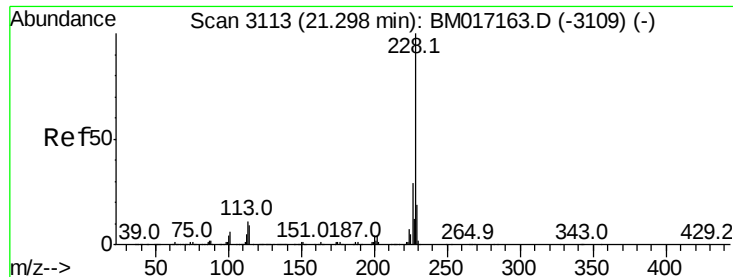
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





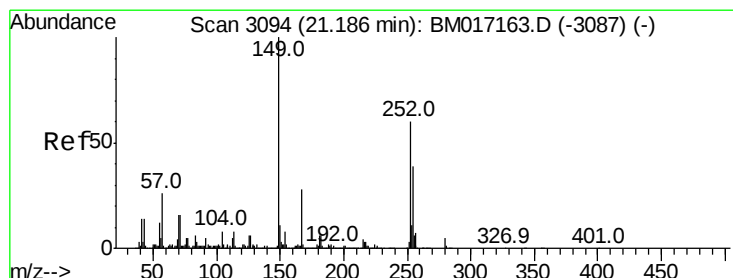
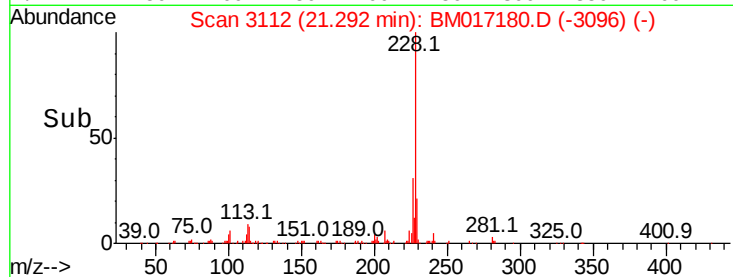
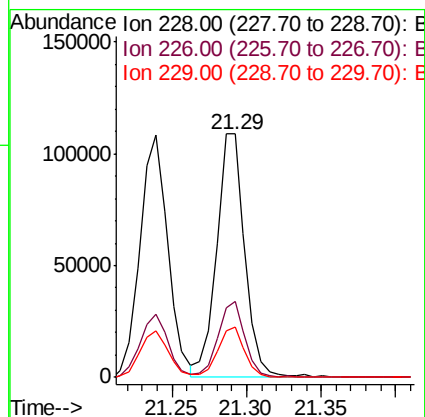
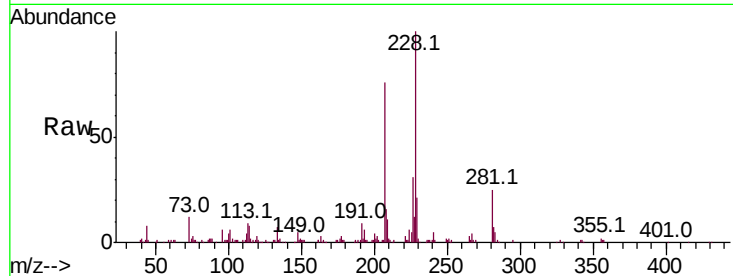
#83
 Chrvsene
 Concen: 2.178 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

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

Tot Ion:	228	Resp:	144549
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.3	34.9
229	20.6	15.6	23.4

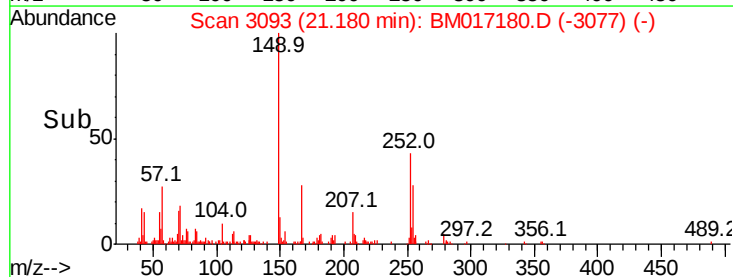
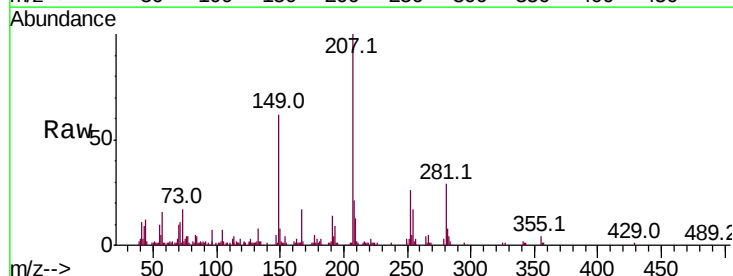
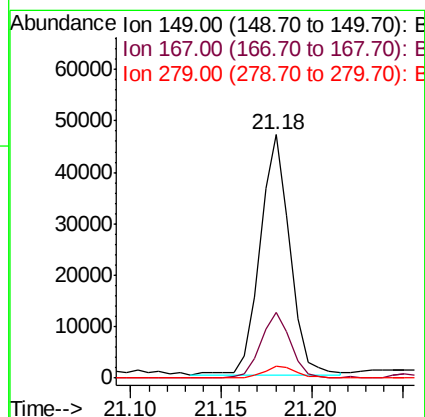
Manual Integrations
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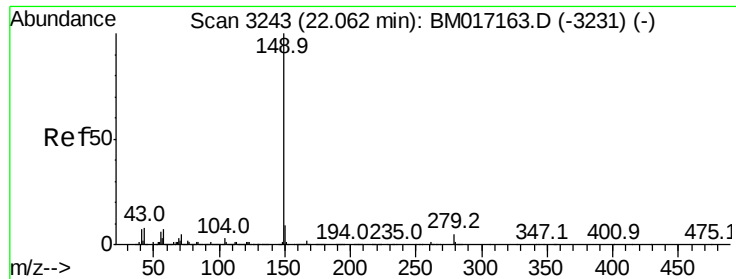
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.520 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM017180.D
 Acq: 18 Oct 2018 06:09

Tgt Ion:	149	Resp:	52832
Ion Ratio	Lower	Upper	
149	100		
167	26.9	22.2	33.4
279	4.9	3.6	5.4





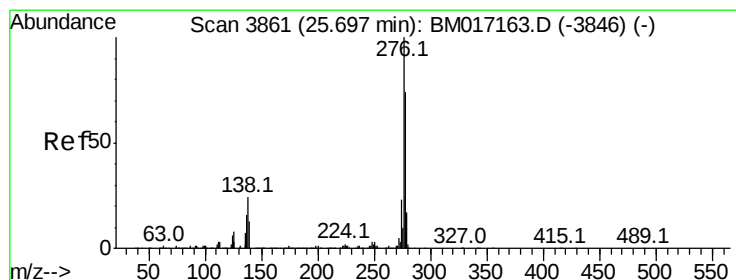
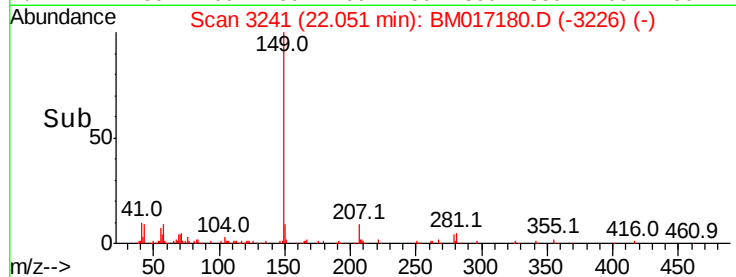
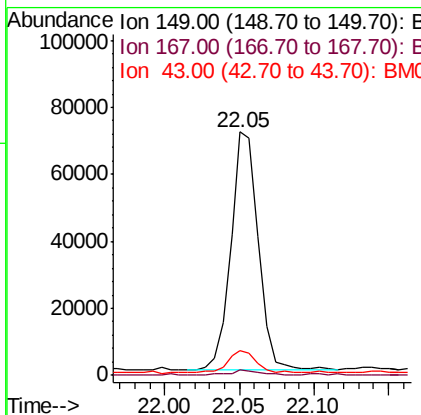
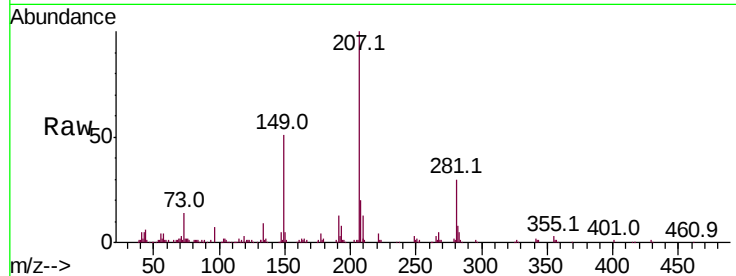
#85
Di-n-octyl phthalate
Concen: 6.805 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	2.3	1.4	2.0	
43	9.9	7.2	10.8	

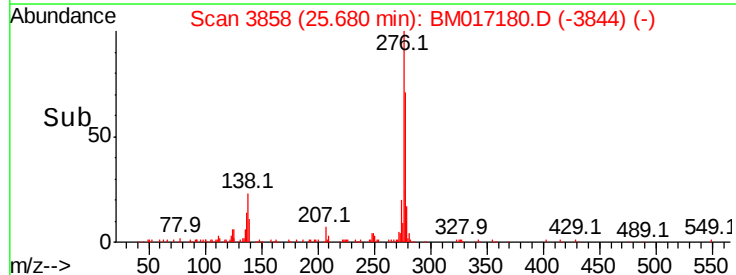
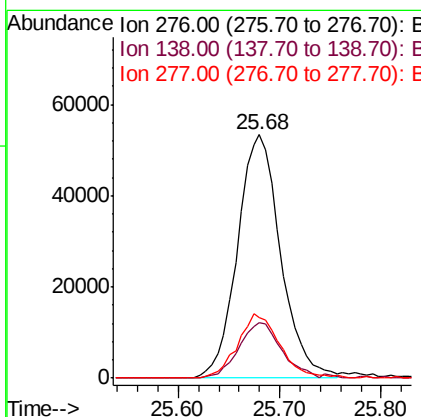
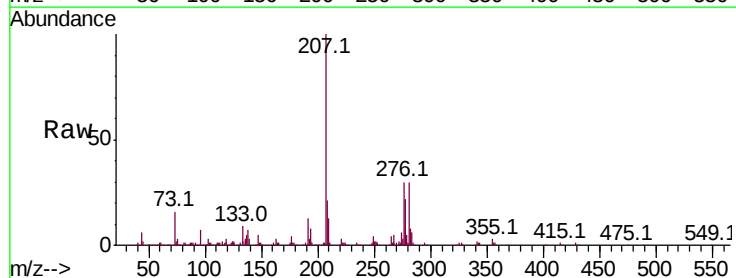
Manual Integrations
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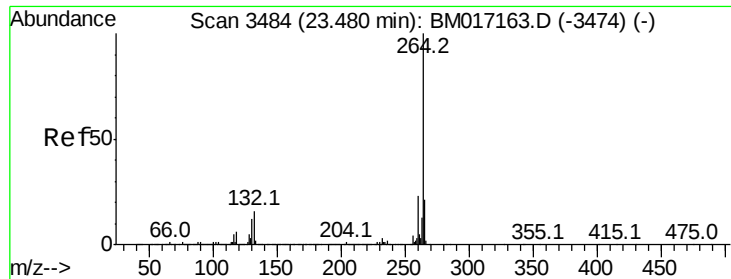
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.124 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	22.5	19.5	29.3	
277	25.8	20.1	30.1	





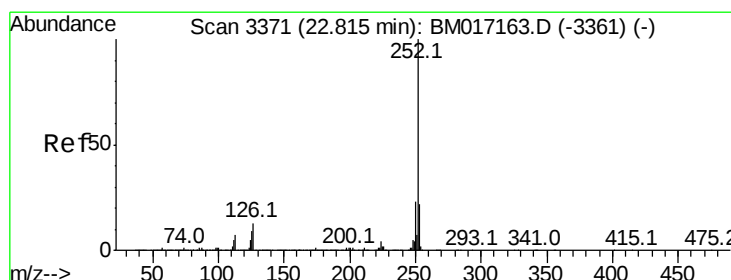
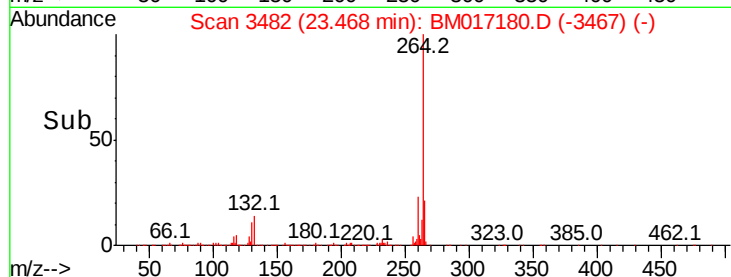
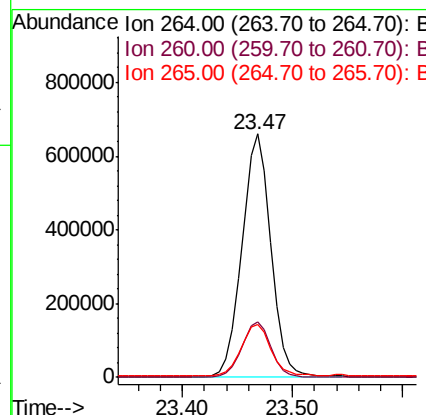
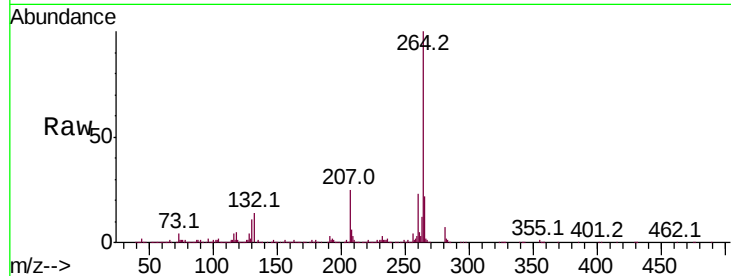
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	22.0	17.8	26.8

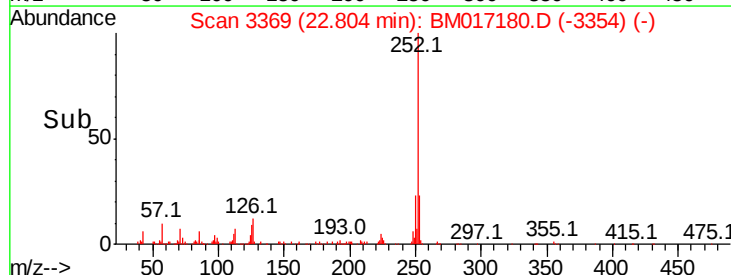
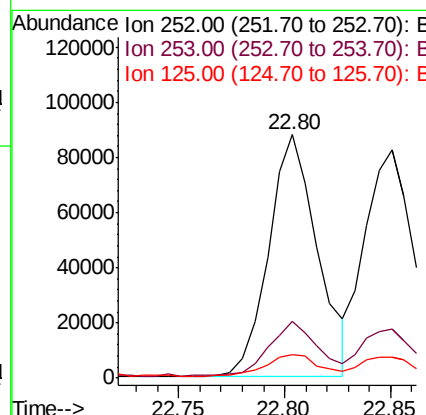
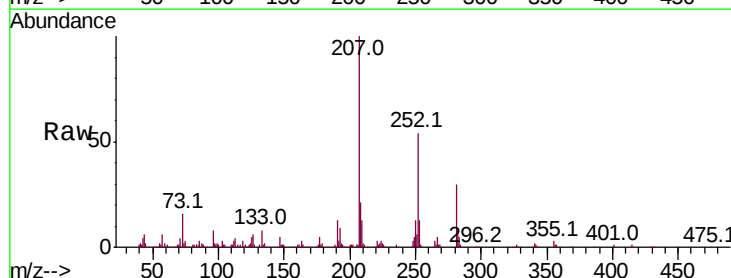
Manual Integrations
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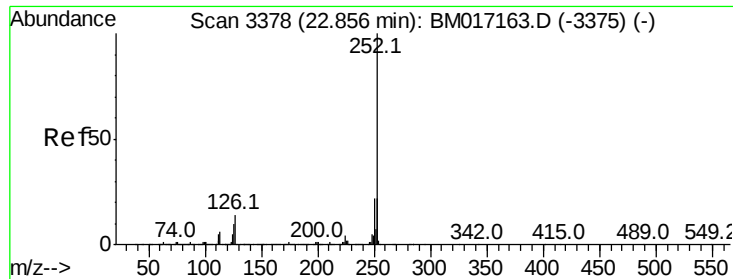
Sohil
10/18/2018 5:33:35 PM



#88
Benzo(b)fluoranthene
Concen: 2.104 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	9.5	7.5	11.3





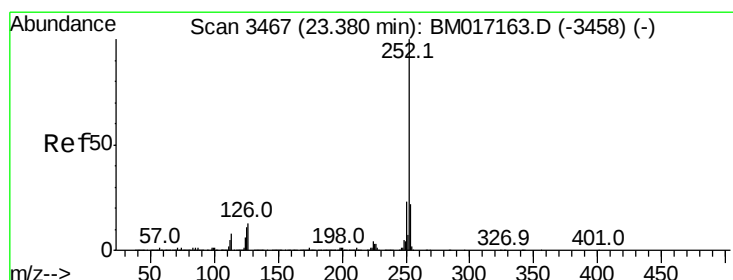
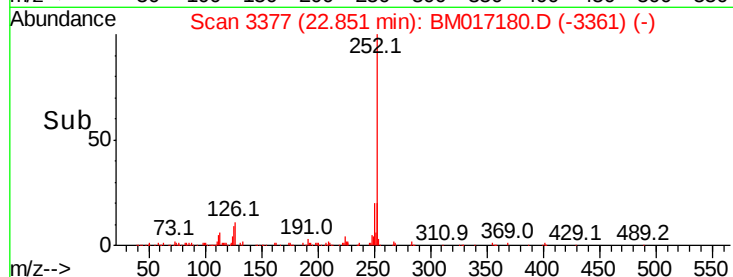
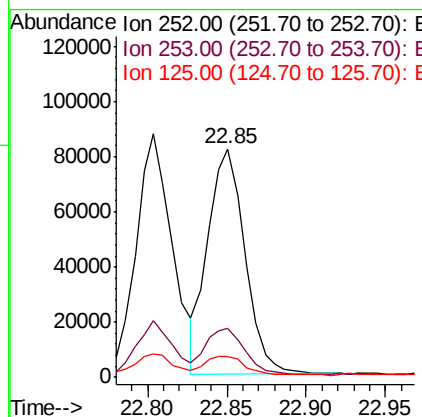
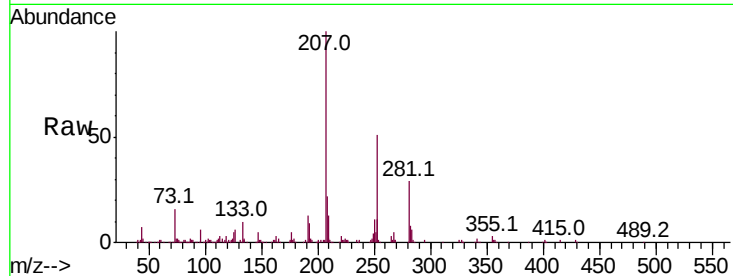
#89
Benzo(k)fluoranthene
Concen: 1.998 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.3	8.2	12.2

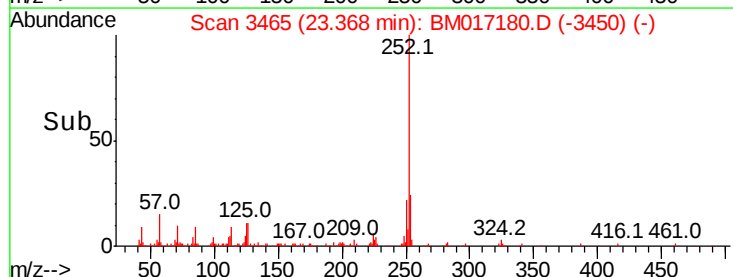
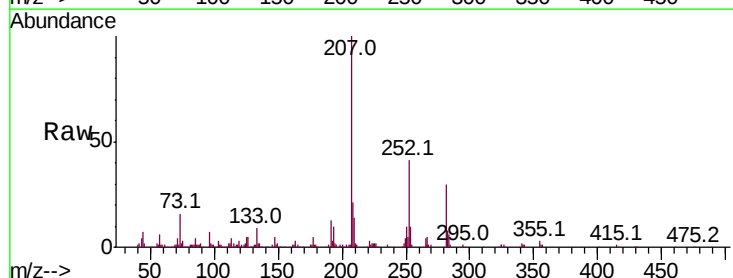
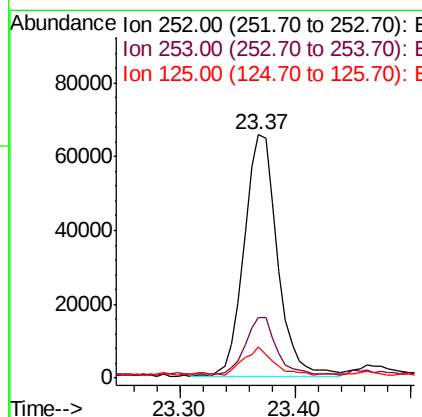
Manual Integrations
APPROVED

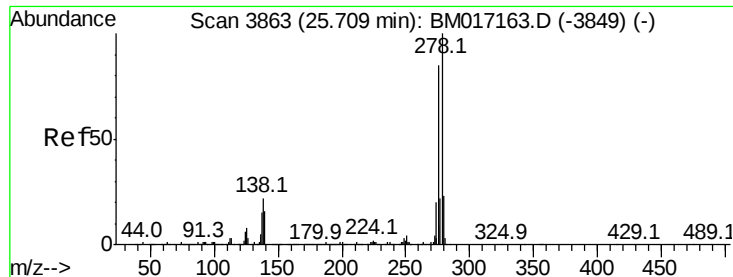
Sohil
10/18/2018 5:33:35 PM



#90
Benzo(a)pyrene
Concen: 2.065 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.0
125	12.7	8.6	13.0





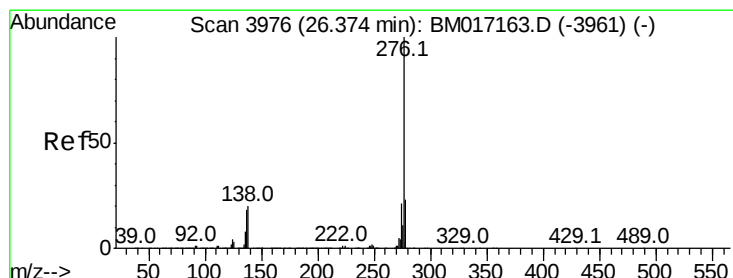
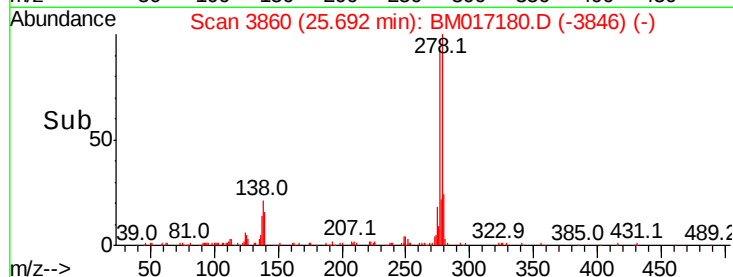
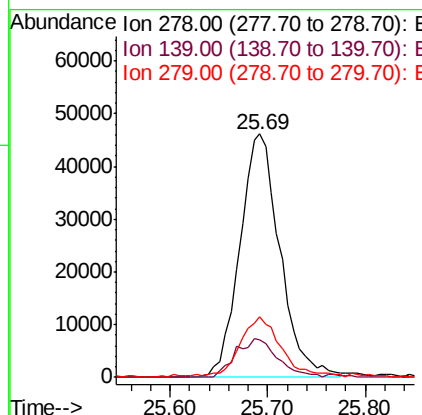
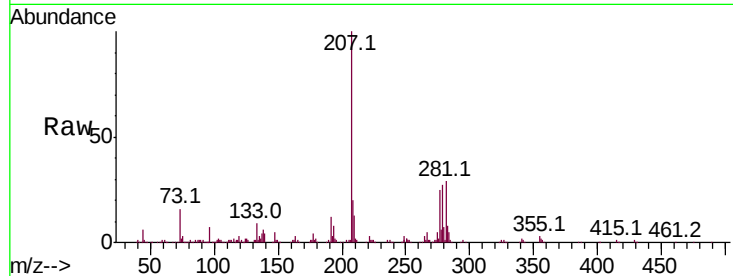
#91
Dibenzo(a,h)anthracene
Concen: 2.103 ng
RT: 25.69 min Scan# 3860
Delta R.T. -0.02 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	24.9	18.7	28.1

Manual Integrations
APPROVED

Sohil
10/18/2018 5:33:35 PM



#92
Benzo(g,h,i)perylene
Concen: 2.128 ng
RT: 26.36 min Scan# 3973
Delta R.T. -0.02 min
Lab File: BM017180.D
Acq: 18 Oct 2018 06:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	17.3	16.4	24.6

