

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017181.D
 Acq On : 18 Oct 2018 06:45
 Operator : MJ/SJ
 Sample : J5164-09
 Misc : MDL 5 PPM
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 10/18/2018 5:33:37 PM

Quant Time: Oct 18 14:31:51 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	184743	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	760096	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	435923	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1039164	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1240625	20.00	ng	-0.01
87) Perylene-d12	23.47	264	1266761	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1603167	146.77	ng	0.00
7) Phenol-d6	6.85	99	2079594	139.79	ng	0.00
23) Nitrobenzene-d5	8.82	82	1210104	93.11	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	908880	154.17	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2905996	88.70	ng	0.00
79) Terphenyl-d14	19.70	244	4633991	84.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	24250	4.348	ng	# 87
3) Pyridine	3.66	79	64747	5.045	ng	# 78
4) n-Nitrosodimethylamine	3.57	42	26912	5.224	ng	# 67
6) Aniline	7.01	93	67654	3.636	ng	94
8) 2-Chlorophenol	7.24	128	65069	5.149	ng	94
9) Benzaldehyde	6.83	77	51058	5.383	ng	93
10) Phenol	6.88	94	82649	5.162	ng	94
11) bis(2-Chloroethyl)ether	7.11	93	61246	4.799	ng	95
12) 1,3-Dichlorobenzene	7.56	146	72598	4.928	ng	96
13) 1,4-Dichlorobenzene	7.70	146	75092	4.989	ng	96
14) 1,2-Dichlorobenzene	8.02	146	74721	5.153	ng	98
15) Benzyl Alcohol	7.92	79	53329	4.904	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	84389	4.733	ng	98
17) 2-Methylphenol	8.11	107	50528	4.917	ng	97
18) Hexachloroethane	8.73	117	25264	4.905	ng	94
19) n-Nitroso-di-n-propylamine	8.47	70	45926	4.688	ng	93
20) 3+4-Methylphenols	8.44	107	66369	4.722	ng	97
22) Acetophenone	8.49	105	96041	4.985	ng	# 99
24) Nitrobenzene	8.86	77	78390	5.702	ng	90
25) Isophorone	9.39	82	117687	5.484	ng	96
26) 2-Nitrophenol	9.57	139	26411	9.321	ng	97
27) 2,4-Dimethylphenol	9.63	122	52341	5.516	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	79759	5.280	ng	97
29) 2,4-Dichlorophenol	10.10	162	52143	4.733	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	67253	5.088	ng	96
31) Naphthalene	10.49	128	200372	5.379	ng	99
32) Benzoic acid	9.70	122	22660m	3.200	ng	
33) 4-Chloroaniline	10.62	127	54923	3.414	ng	# 94
34) Hexachlorobutadiene	10.77	225	42116	5.029	ng	94
35) Caprolactam	11.39	113	13561	3.377	ng	94
36) 4-Chloro-3-methylphenol	11.74	107	58771	4.732	ng	95
37) 2-Methylnaphthalene	12.12	142	147587	5.790	ng	96
38) 1-Methylnaphthalene	12.33	142	136809	5.515	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	76310	4.971	ng	99

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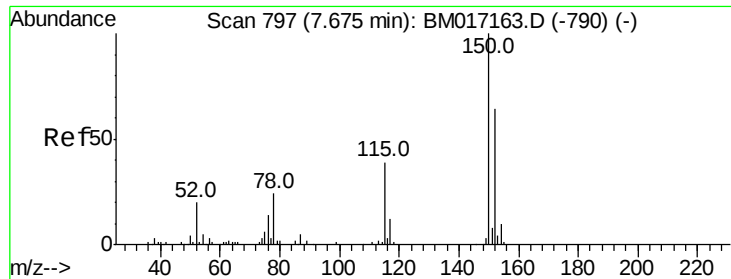
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	45857	6.179	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	42251	4.741	ng	94
44) 2,4,5-Trichlorophenol	12.80	196	47319	4.952	ng	95
46) 1,1'-Biphenyl	13.14	154	190807	4.864	ng	98
47) 2-Chloronaphthalene	13.18	162	147296	5.104	ng	99
48) 2-Nitroaniline	13.39	65	31375	9.080	ng	94
49) Acenaphthylene	14.03	152	220921	5.281	ng	100
50) Dimethylphthalate	13.77	163	180449	5.365	ng	99
51) 2,6-Dinitrotoluene	13.89	165	32358	4.371	ng	92
52) Acenaphthene	14.37	154	137215	5.224	ng	98
53) 3-Nitroaniline	14.23	138	26362	3.288	ng	94
54) 2,4-Dinitrophenol	14.43	184	13420	10.999	ng	93
55) Dibenzofuran	14.71	168	225951	5.173	ng	97
56) 4-Nitrophenol	14.54	139	23133	7.696	ng	# 74
57) 2,4-Dinitrotoluene	14.69	165	41495	4.171	ng	# 79
58) Fluorene	15.36	166	178065	5.508	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	45768	5.254	ng	97
60) Diethylphthalate	15.15	149	176849	5.302	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	95681	5.191	ng	94
62) 4-Nitroaniline	15.39	138	30441	7.820	ng	93
63) Azobenzene	15.66	77	159373	4.916	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	20622	9.642	ng	98
66) n-Nitrosodiphenylamine	15.58	169	150032	4.772	ng	97
67) 4-Bromophenyl-phenylether	16.26	248	56455	4.948	ng	89
68) Hexachlorobenzene	16.36	284	66264	5.000	ng	97
69) Atrazine	16.53	200	52709	4.684	ng	99
70) Pentachlorophenol	16.71	266	28988	3.193	ng	95
71) Phenanthrene	17.10	178	304723	5.435	ng	98
72) Anthracene	17.19	178	284425	5.339	ng	98
73) Carbazole	17.47	167	252768	4.645	ng	99
74) Di-n-butylphthalate	18.04	149	254752	4.438	ng	100
75) Fluoranthene	19.12	202	340762	5.401	ng	99
77) Benzidine	19.32	184	76625	2.436	ng	98
78) Pyrene	19.49	202	352766	5.088	ng	99
80) Butylbenzylphthalate	20.40	149	106776	10.618	ng	93
81) Benzo(a)anthracene	21.24	228	370656	5.309	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	84406	3.244	ng	96
83) Chrysene	21.29	228	371847	5.381	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	155588	8.736	ng	99
85) Di-n-octyl phthalate	22.05	149	264865	8.995	ng	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	414753	5.366	ng	99
88) Benzo(b)fluoranthene	22.80	252	387970	5.602	ng	98
89) Benzo(k)fluoranthene	22.84	252	352683	5.075	ng	98
90) Benzo(a)pyrene	23.37	252	349214	5.311	ng	98
91) Dibenzo(a,h)anthracene	25.69	278	353940	5.421	ng	98
92) Benzo(g,h,i)perylene	26.35	276	359254	5.551	ng	98

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



#1

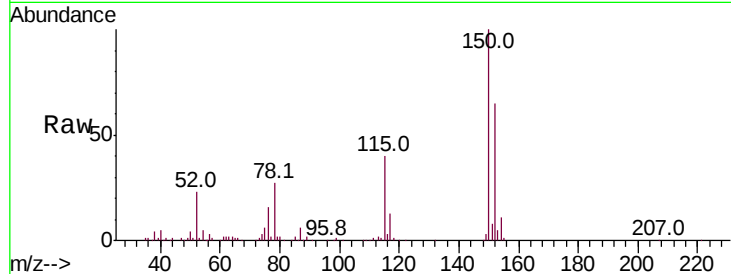
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.3	186.5
115	61.8	48.1	72.1

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Abundance

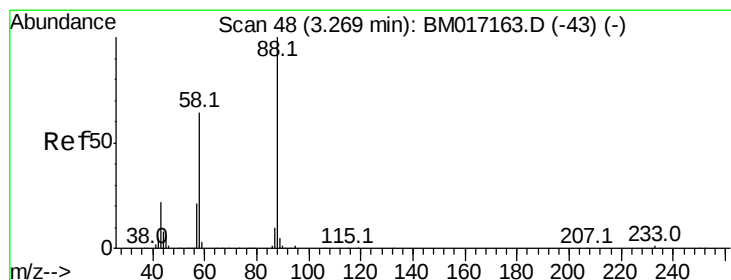
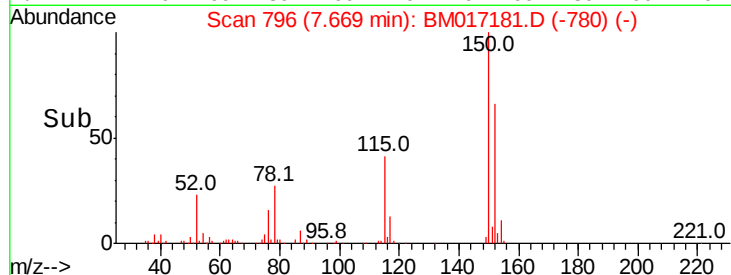
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.67

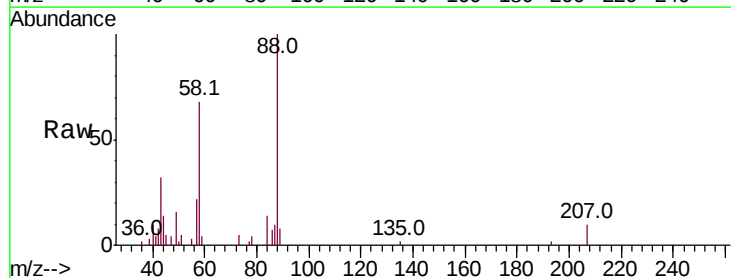
Time-->



#2

1,4-Dioxane
Concen: 4.348 ng
RT: 3.27 min Scan# 48
Delta R.T. 0.00 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	50.2	75.4
43	30.5	19.3	28.9



Abundance

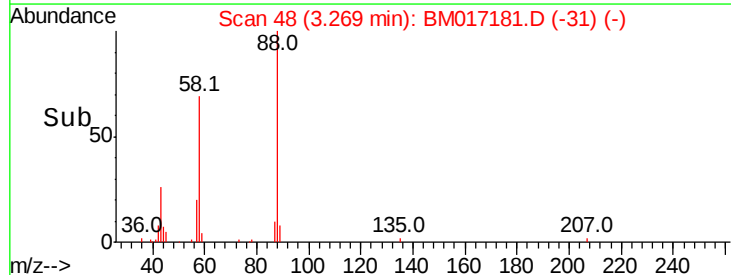
Ion 88.00 (87.70 to 88.70): BM0

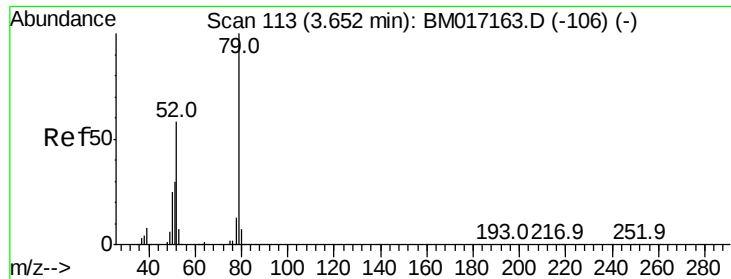
Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

3.27

Time-->





#3

Pvridine

Concen: 5.045 ng

RT: 3.66 min Scan# 114

Delta R.T. 0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

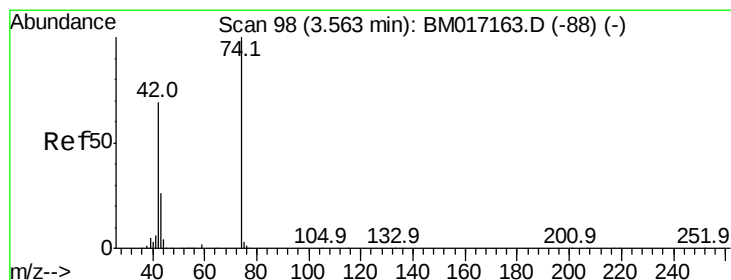
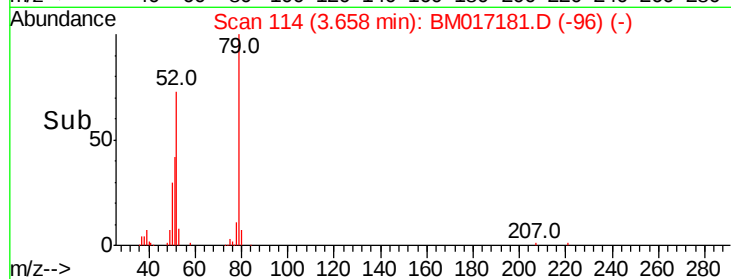
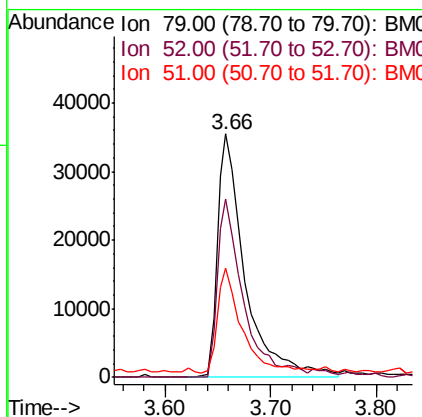
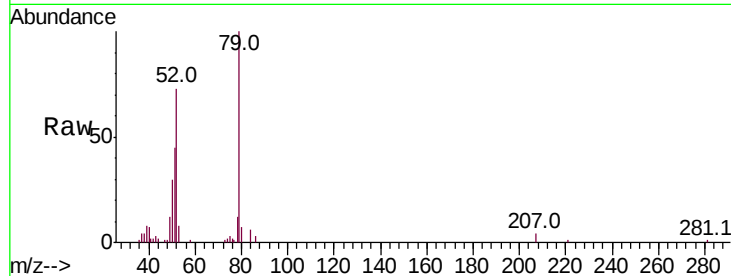
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.3	46.5	69.7#
51	44.6	24.6	37.0#

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#4

n-Nitrosodimethylamine

Concen: 5.224 ng

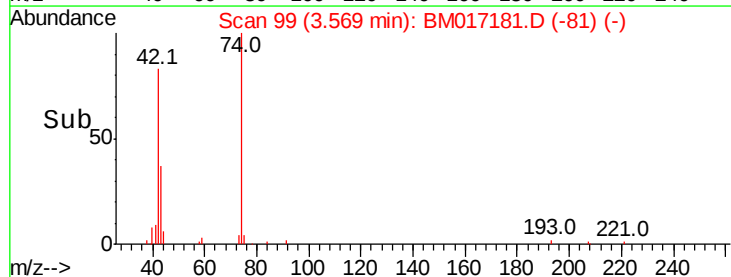
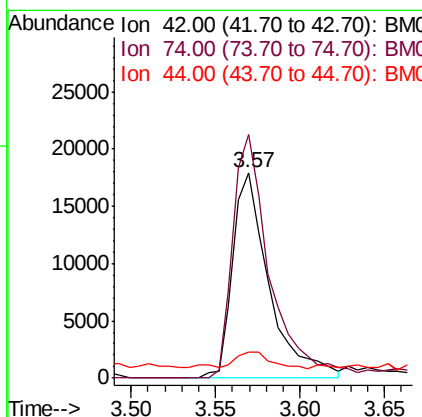
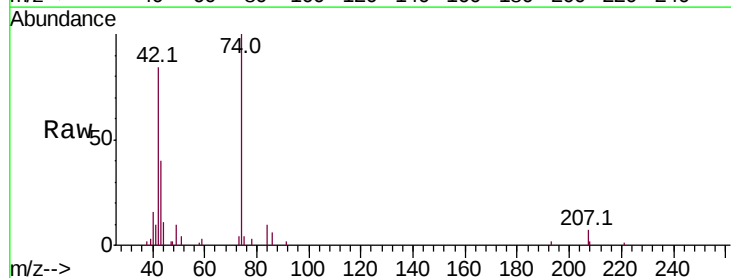
RT: 3.57 min Scan# 99

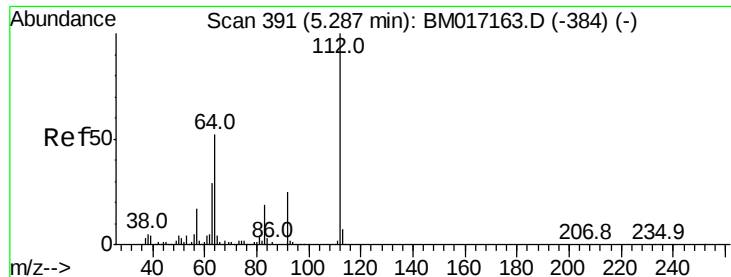
Delta R.T. 0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.6	114.4	171.6
44	12.8	48.6	73.0#





#5

2-Fluorophenol

Concen: 146.771 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

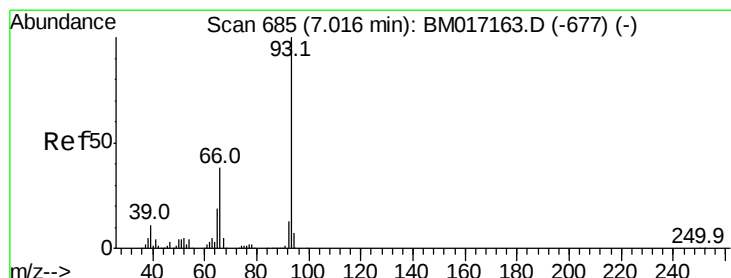
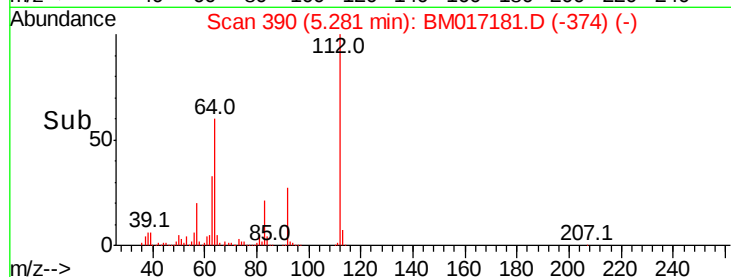
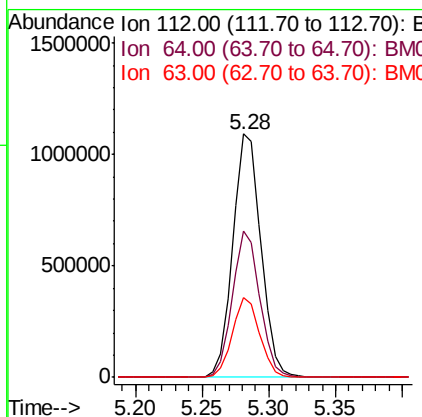
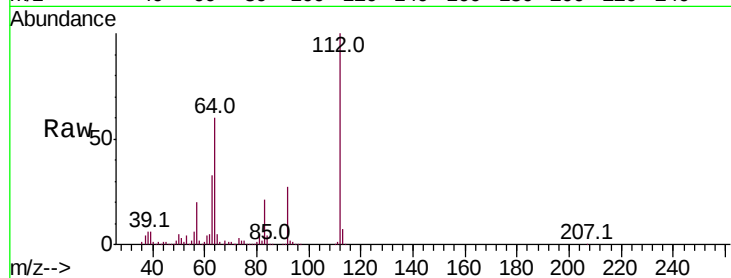
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	112	Resp:	1603167
Ion	Ratio	Lower	Upper
112	100		
64	60.1	41.7	62.5
63	32.7	23.0	34.4

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#6

Aniline

Concen: 3.636 ng

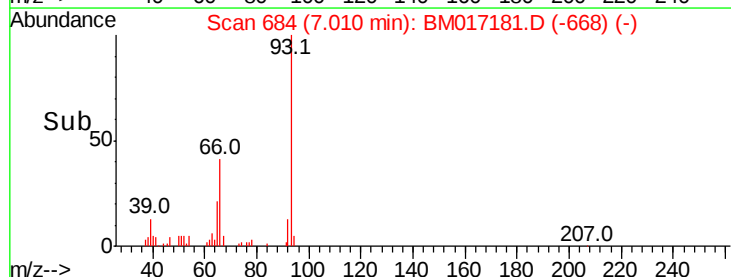
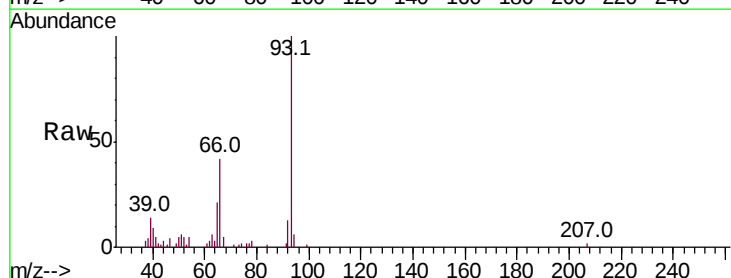
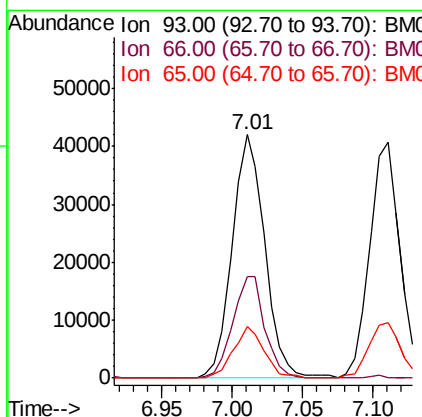
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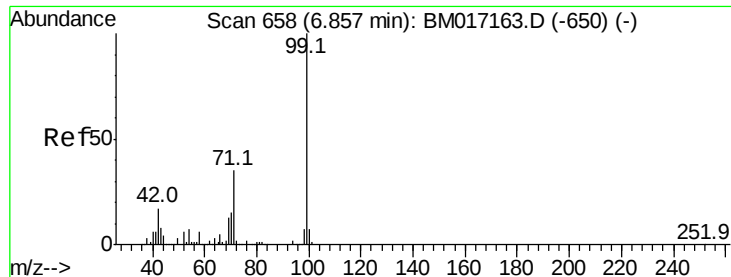
Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:	93	Resp:	67654
Ion	Ratio	Lower	Upper
93	100		
66	41.9	30.4	45.6
65	21.3	15.3	22.9





#7

Phenol-d6

Concen: 139.792 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

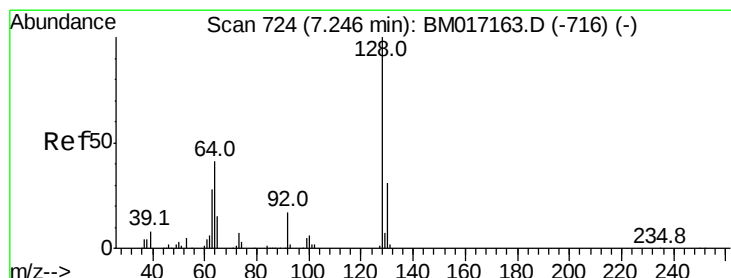
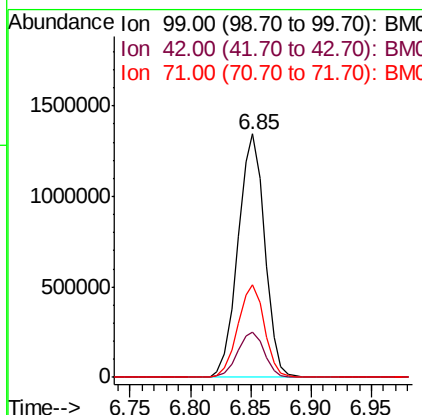
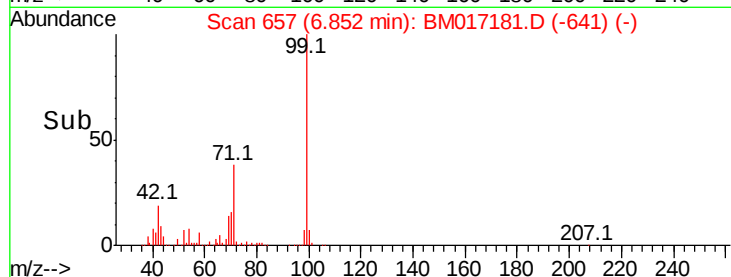
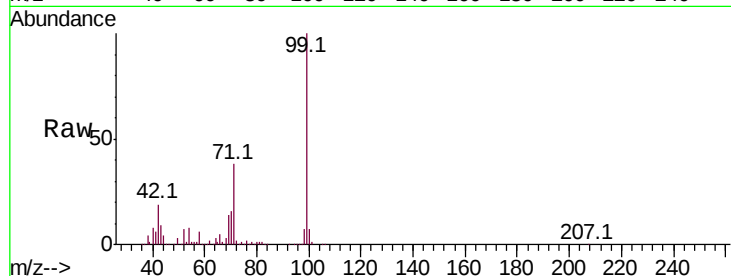
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	99	Resp:	2079594
Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.3	19.9
71	37.8	28.0	42.0

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#8

2-Chlorophenol

Concen: 5.149 ng

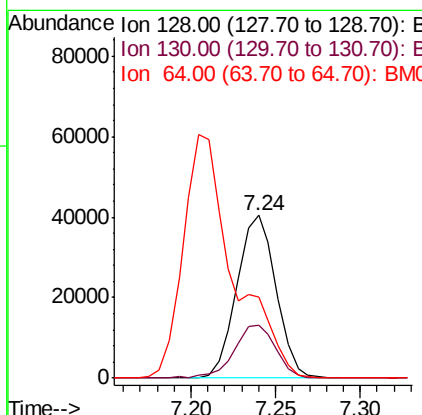
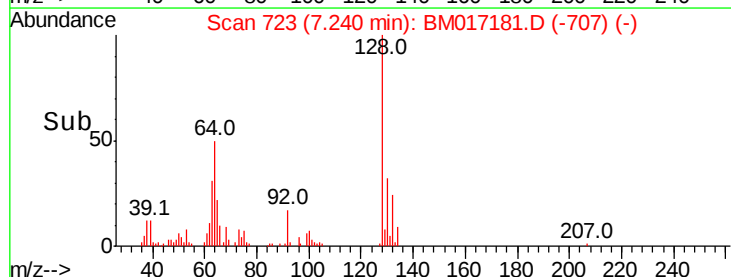
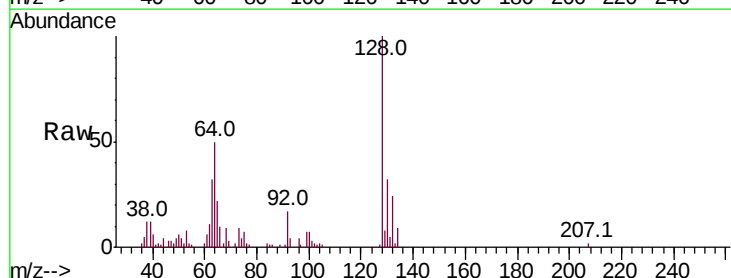
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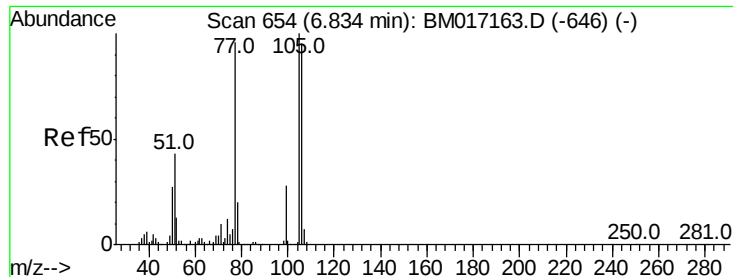
Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:	128	Resp:	65069
Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.0	51.0
64	49.8	24.1	64.1





#9

Benzaldehyde

Concen: 5.383 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

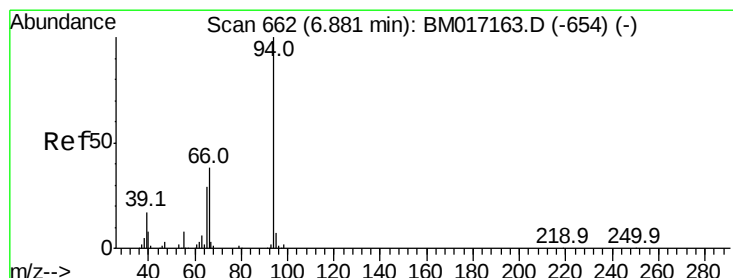
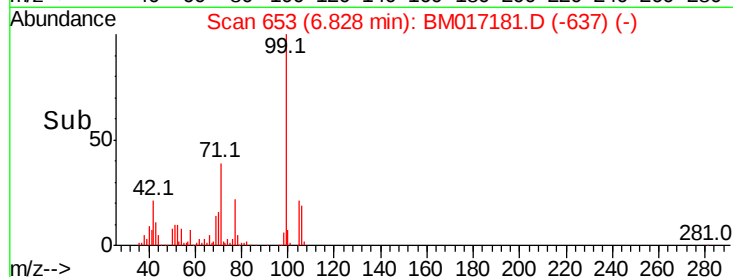
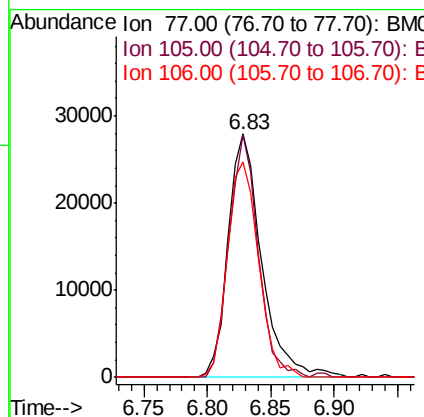
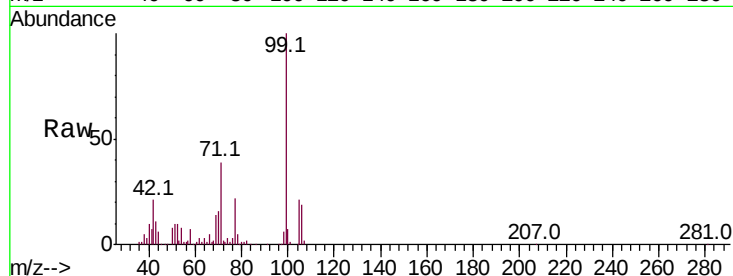
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	77	Resp:	51058
Ion	Ratio	Lower	Upper
77	100		
105	99.6	83.9	123.9
106	88.7	78.2	118.2

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#10

Phenol

Concen: 5.162 ng

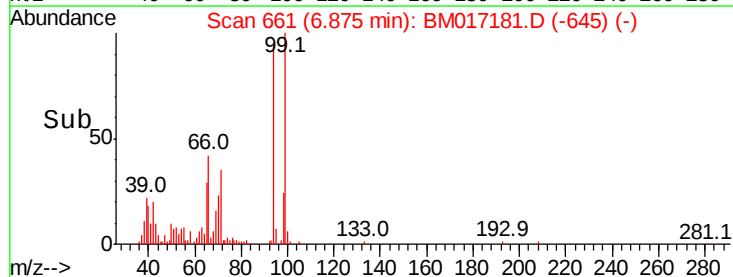
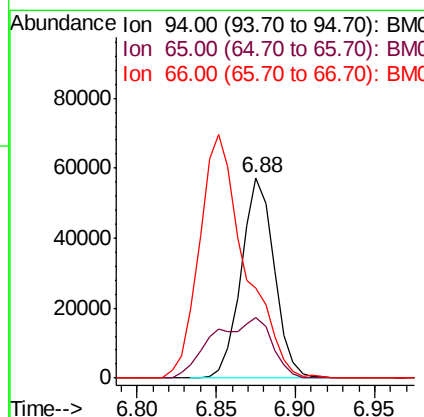
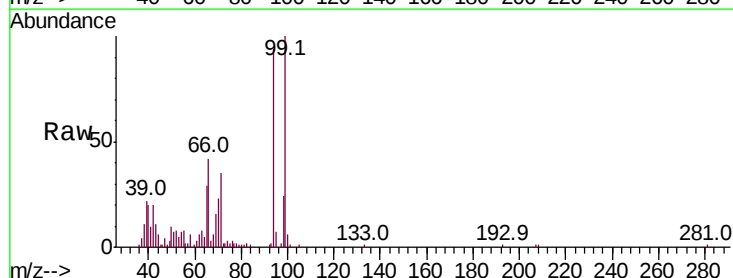
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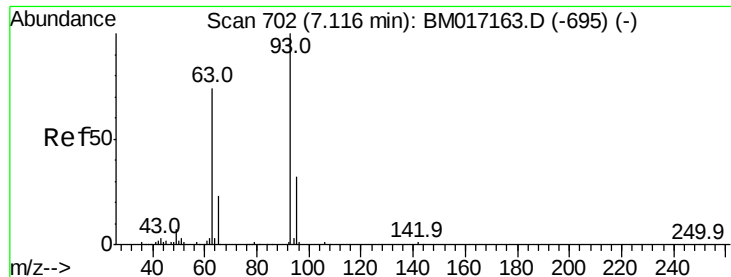
Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:	94	Resp:	82649
Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.4	49.4
66	44.8	19.0	59.0





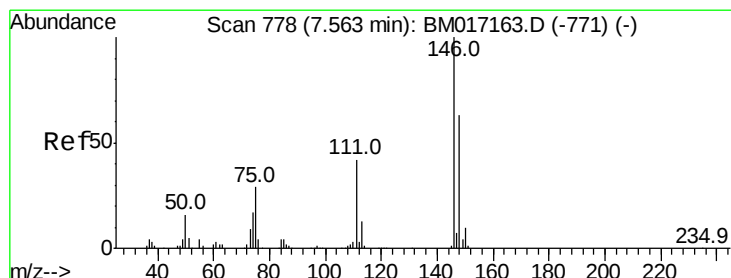
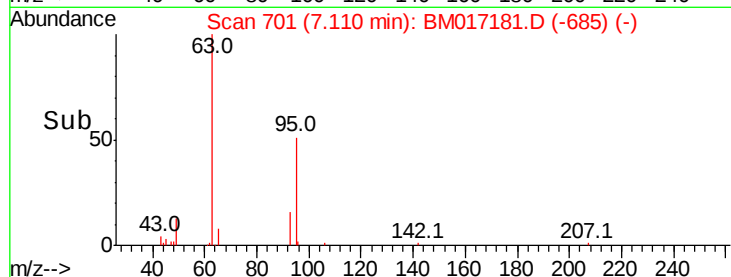
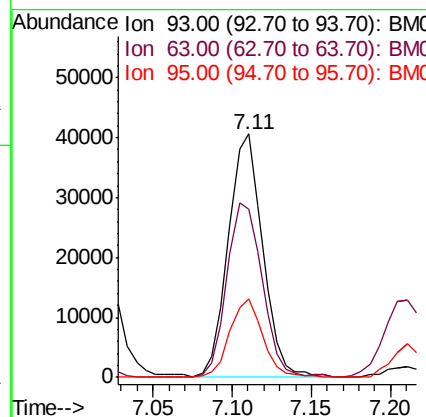
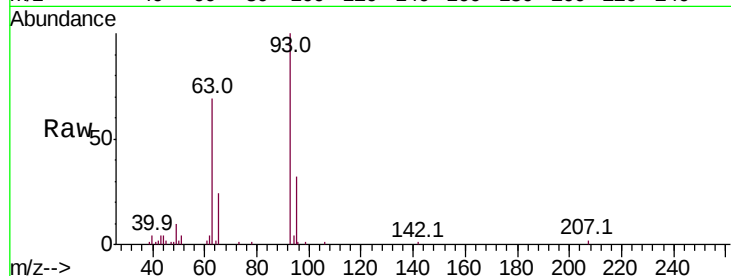
#11
bis(2-Chloroethyl)ether
Concen: 4.799 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.8	54.0	94.0
95	32.3	11.8	51.8

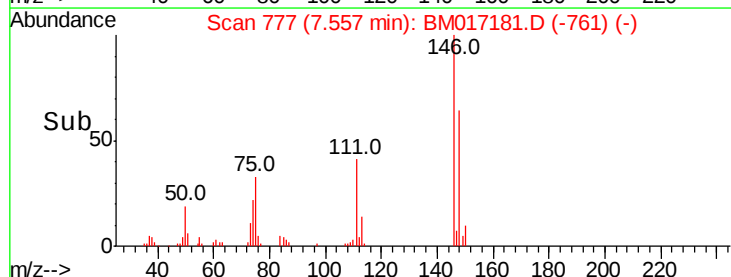
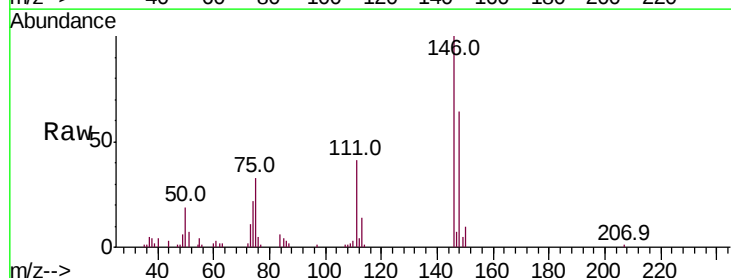
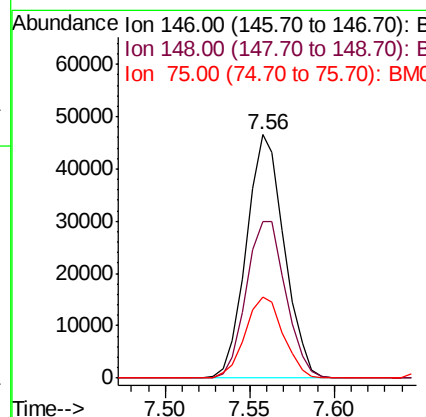
Manual Integrations
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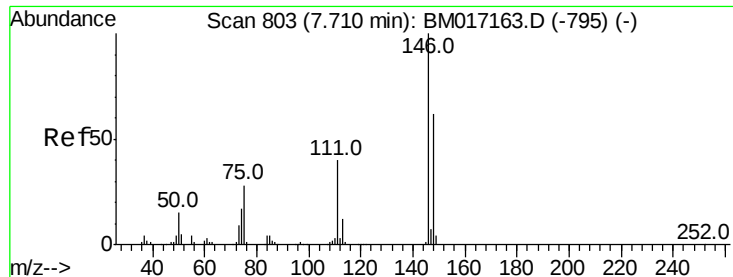
Sohil
10/18/2018 5:33:37 PM



#12
1,3-Dichlorobenzene
Concen: 4.928 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.2	75.4
75	33.0	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 4.989 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

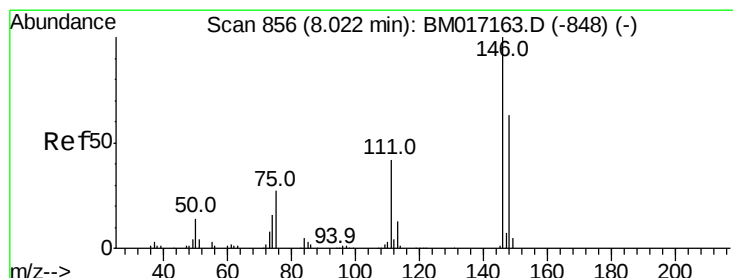
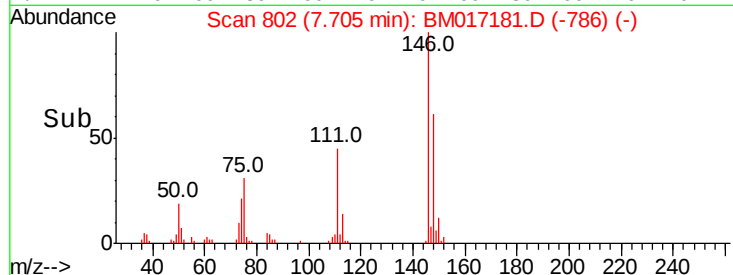
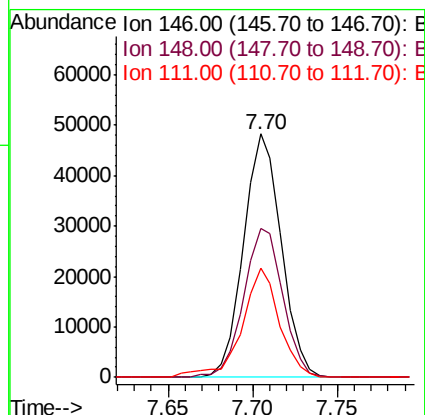
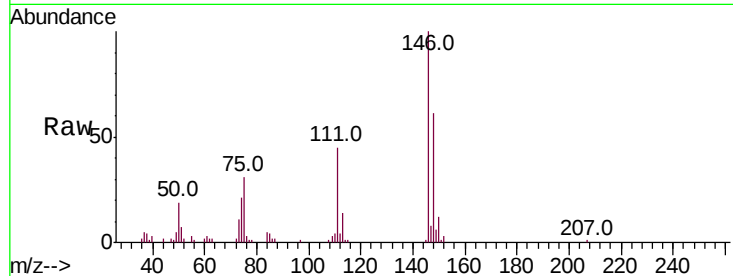
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	146	Resp:	75092
Ion Ratio	Lower	Upper	
146	100		
148	61.3	49.8	74.6
111	44.8	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 5.153 ng

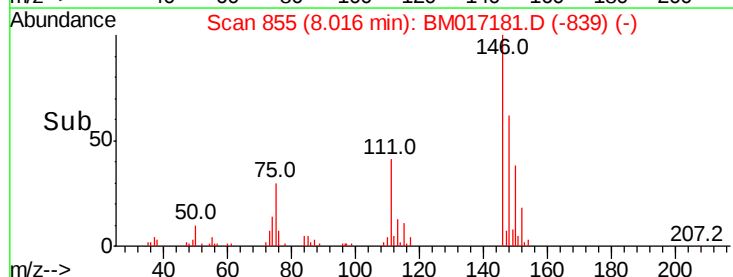
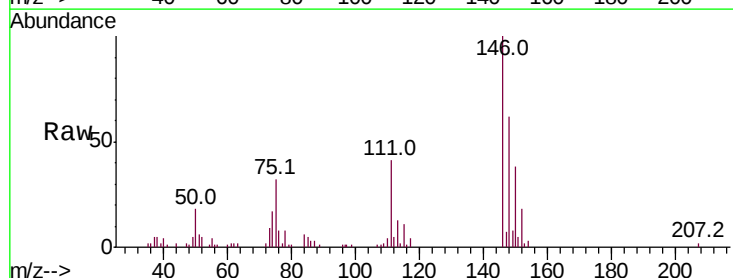
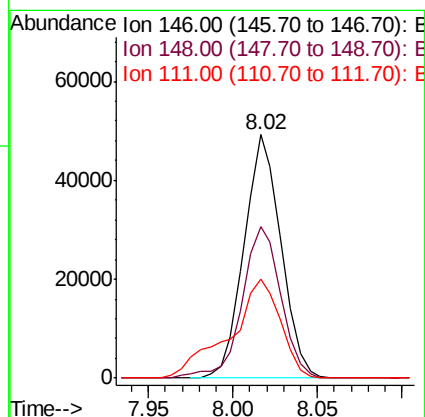
RT: 8.02 min Scan# 855

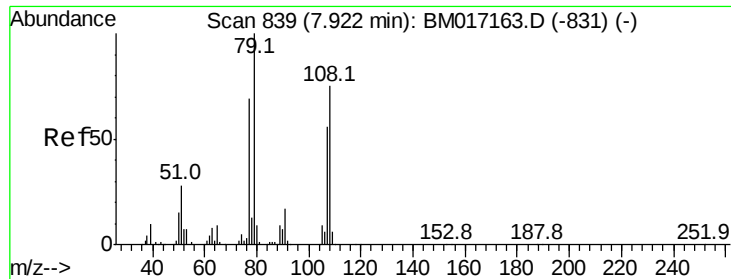
Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:	146	Resp:	74721
Ion Ratio	Lower	Upper	
146	100		
148	62.2	50.8	76.2
111	40.9	33.8	50.6





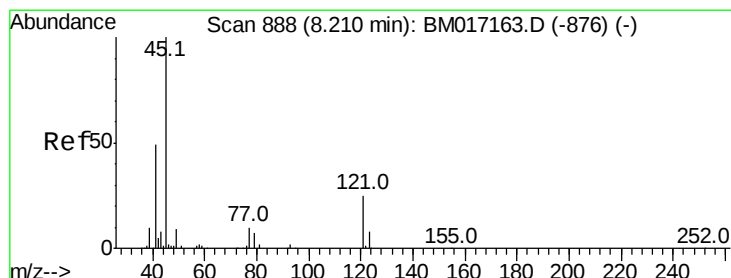
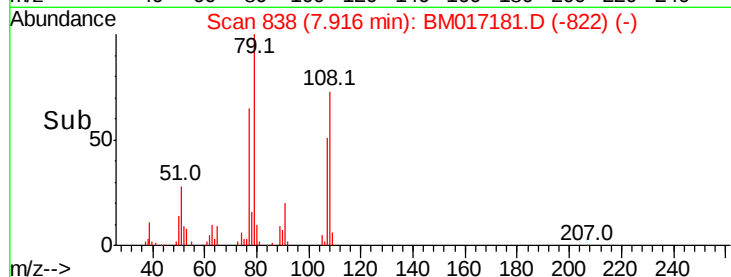
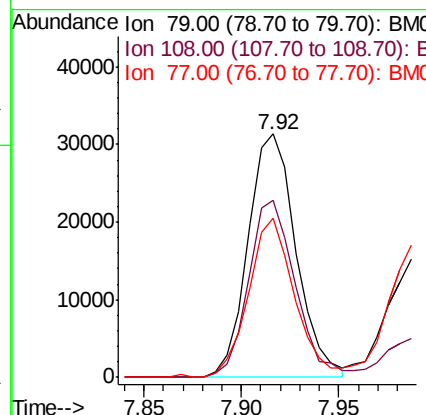
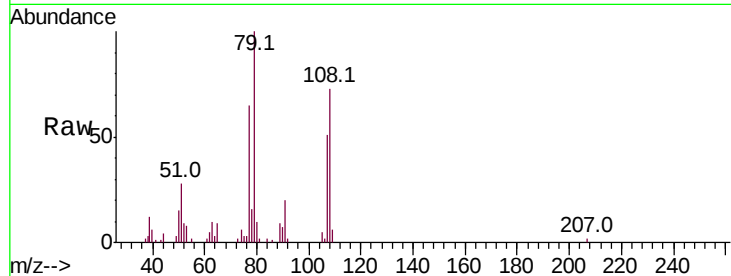
#15
Benzyl Alcohol
Concen: 4.904 ng
RT: 7.92 min Scan# 838
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.6	60.3	90.5
77	65.2	54.8	82.2

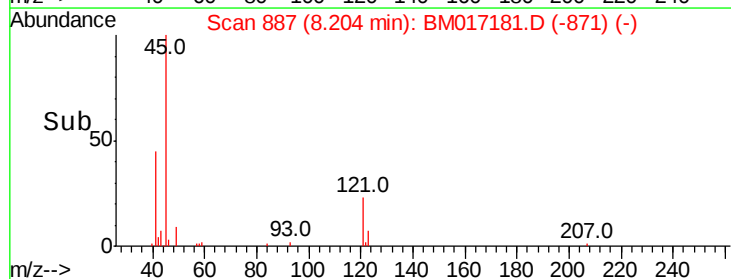
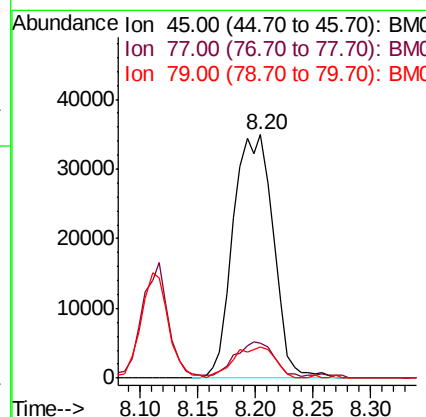
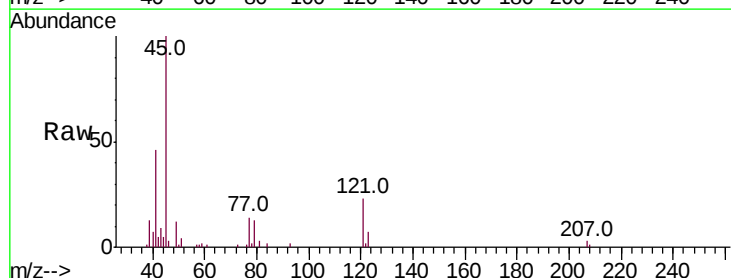
Manual Integrations
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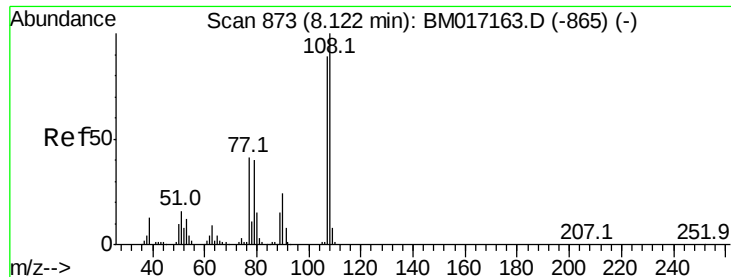
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.733 ng
RT: 8.20 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	35.5
79	12.5	0.0	32.1





#17

2-Methylphenol

Concen: 4.917 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

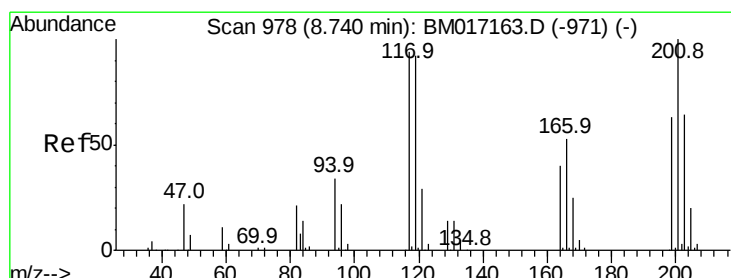
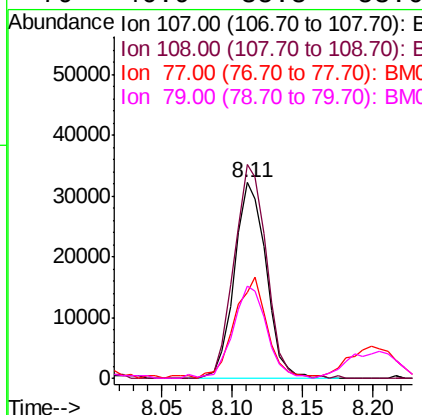
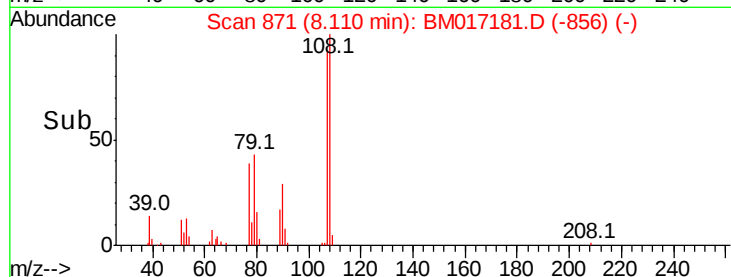
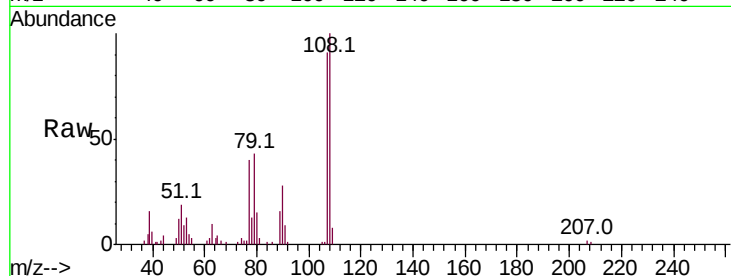
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	107	Resp:	50528
Ion Ratio	Lower	Upper	
107	100		
108	109.4	90.3	135.5
77	43.6	37.0	55.4
79	46.9	35.8	53.6

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#18

Hexachloroethane

Concen: 4.905 ng

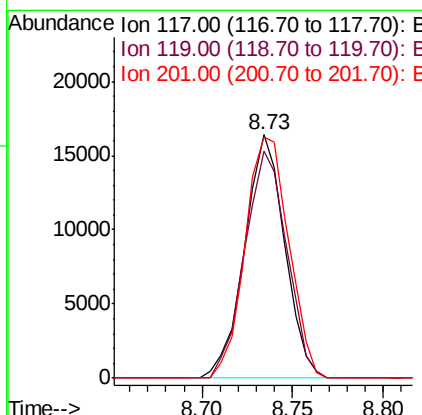
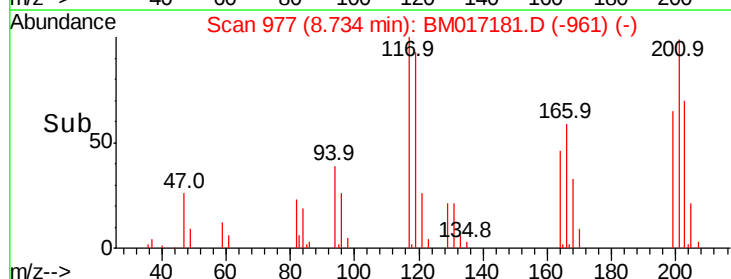
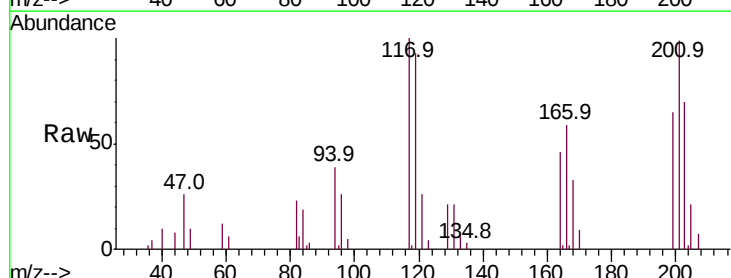
RT: 8.73 min Scan# 977

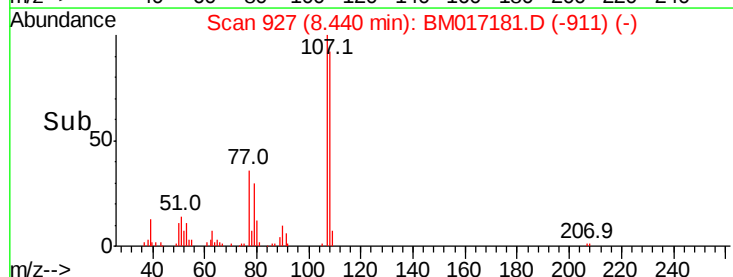
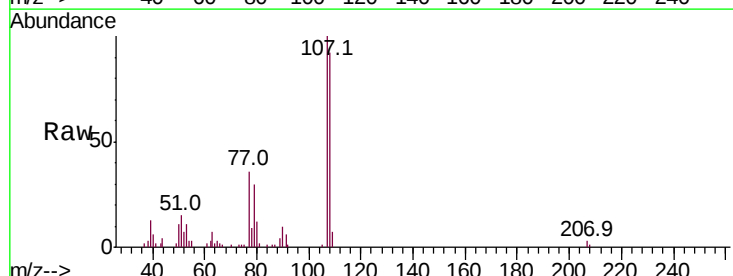
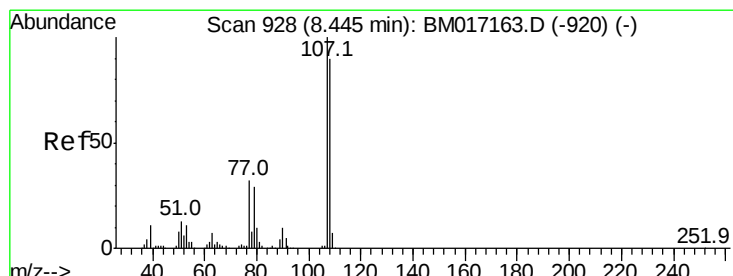
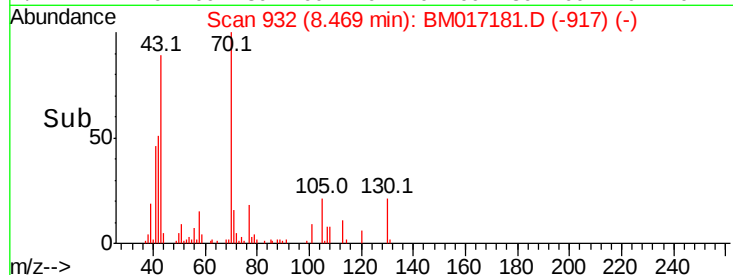
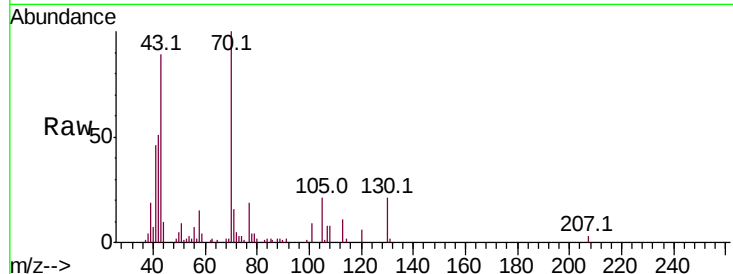
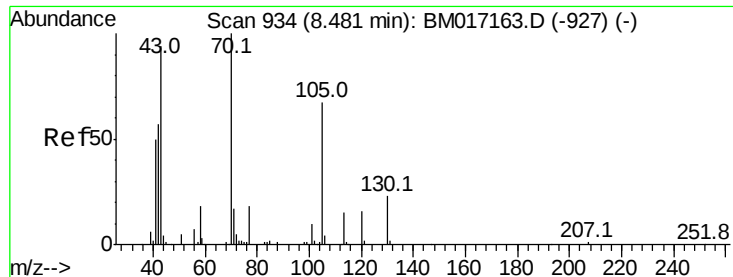
Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

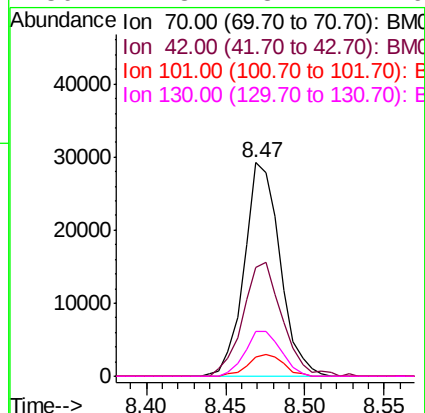
Tgt Ion:	117	Resp:	25264
Ion Ratio	Lower	Upper	
117	100		
119	93.2	78.2	117.2
201	99.0	85.3	127.9





#19
n-Nitroso-di-n-propylamine
Concen: 4.688 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	50.8	46.1	69.1		
101	9.1	8.2	12.4		
130	21.3	18.4	27.6		



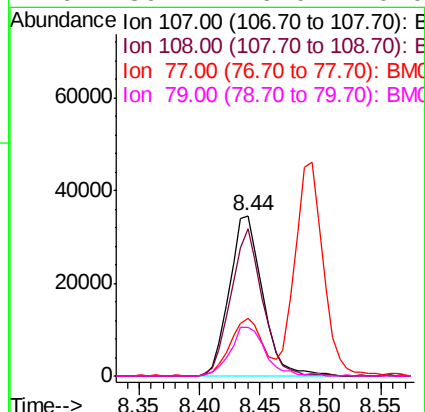
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

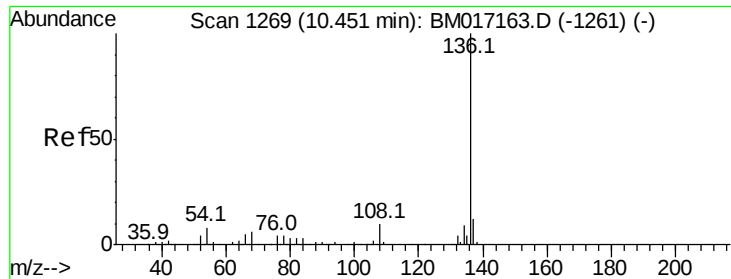
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#20
3+4-Methylphenols
Concen: 4.722 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.9	69.9	109.9		
77	36.0	12.2	52.2		
79	30.2	9.0	49.0		





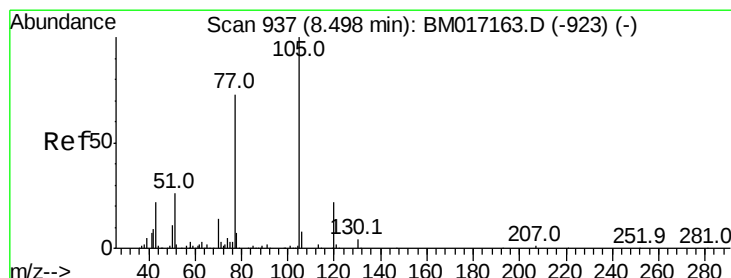
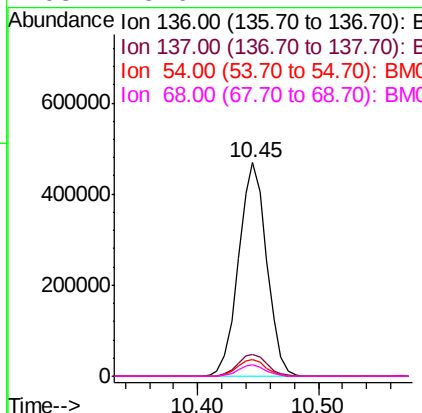
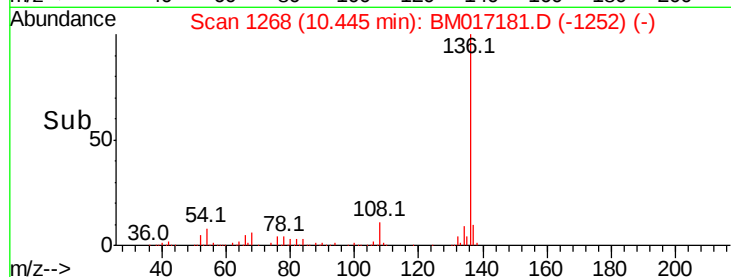
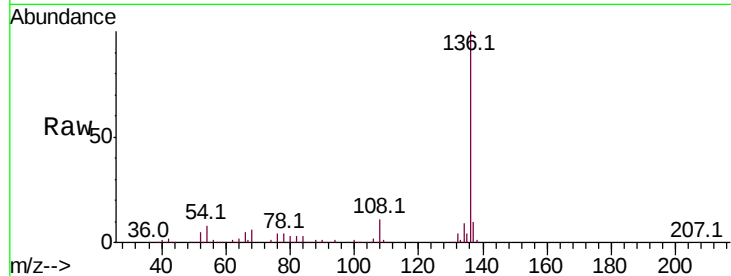
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	760096		
137	10.0		9.2	13.8
54	7.9		6.7	10.1
68	5.6		4.7	7.1

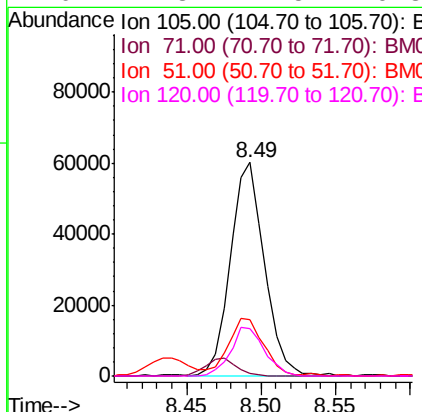
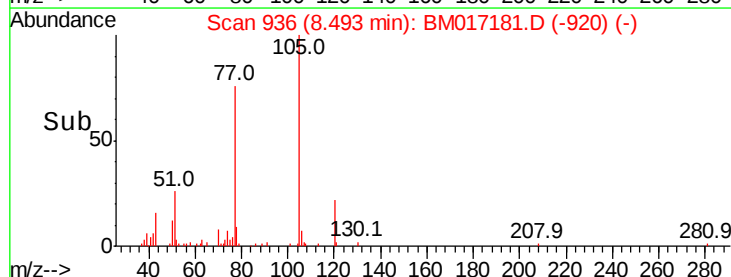
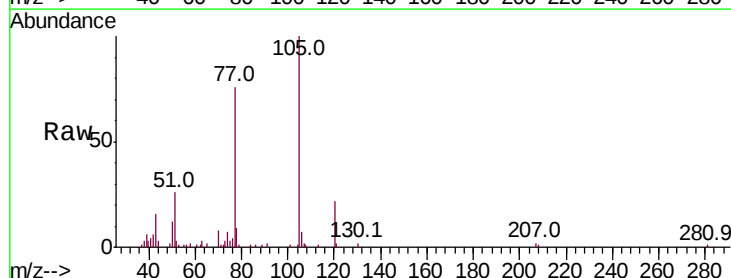
Manual Integrations
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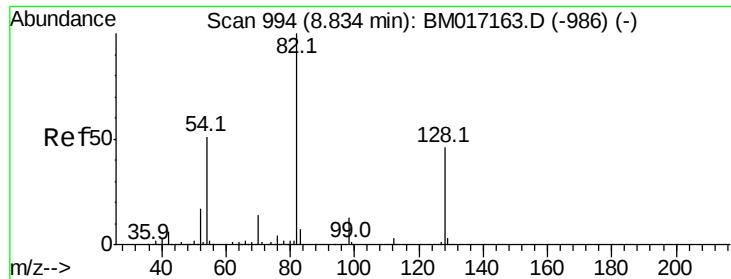
Sohil
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#22
Acetophenone
Concen: 4.985 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	96041		
71	1.4		2.0	3.0#
51	26.4		20.6	31.0
120	22.3		17.5	26.3





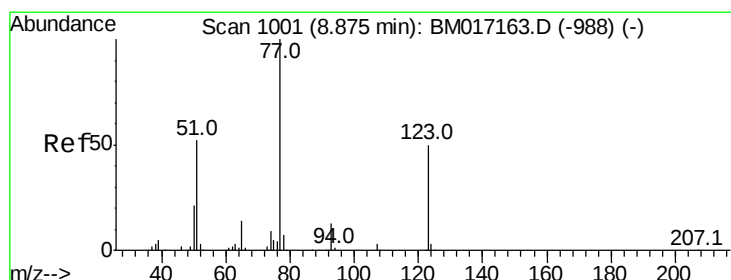
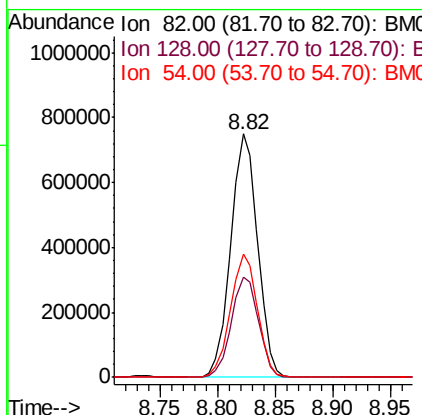
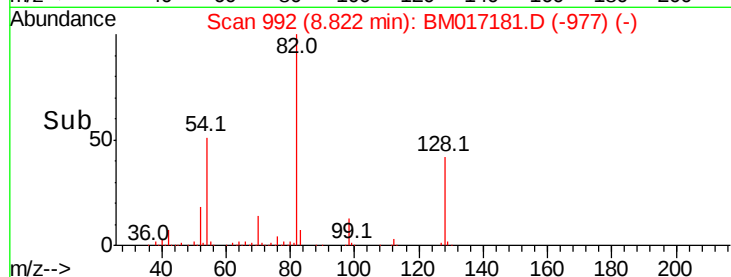
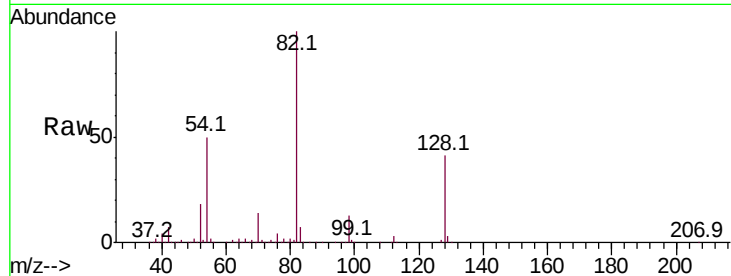
#23
Nitrobenzene-d5
Concen: 93.112 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion: 82 Resp: 1210104
Ion Ratio Lower Upper
82 100
128 41.3 37.0 55.6
54 50.4 40.7 61.1

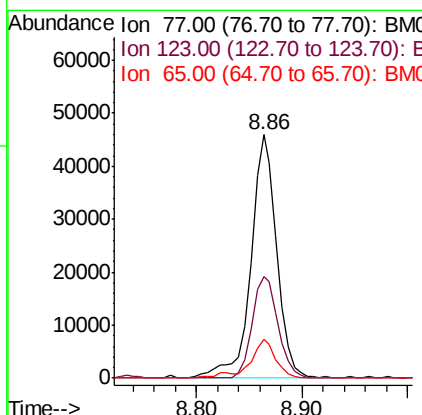
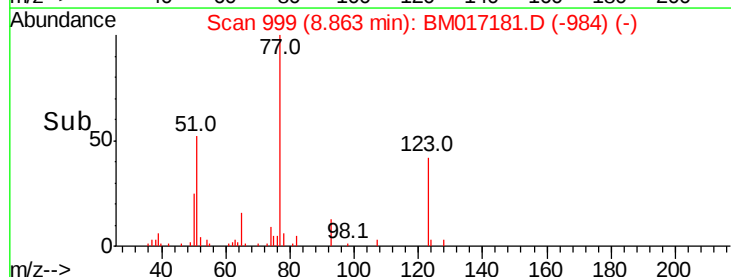
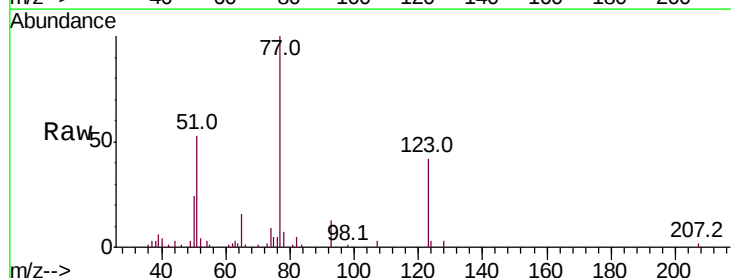
Manual Integrations
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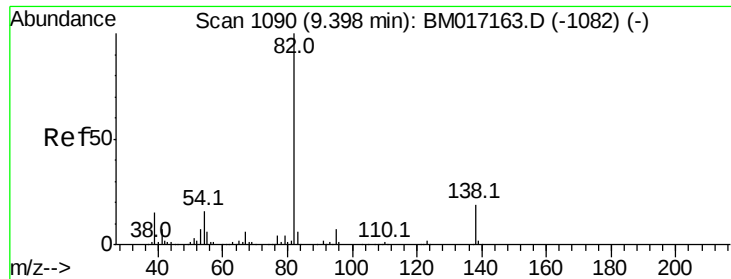
Sohil
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#24
Nitrobenzene
Concen: 5.702 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion: 77 Resp: 78390
Ion Ratio Lower Upper
77 100
123 41.8 40.2 60.4
65 15.9 11.4 17.0





#25

Isophorone

Concen: 5.484 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

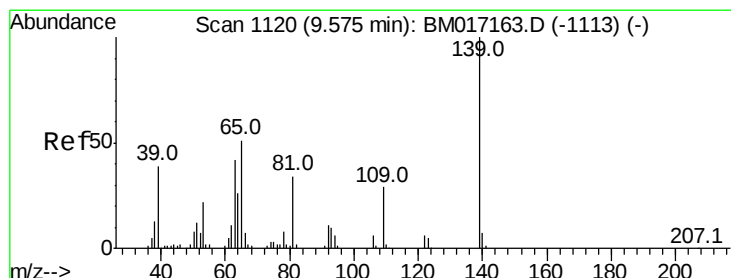
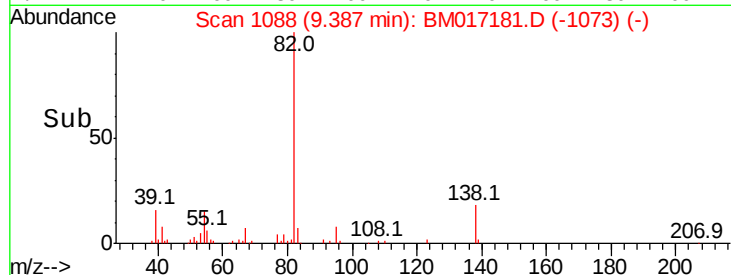
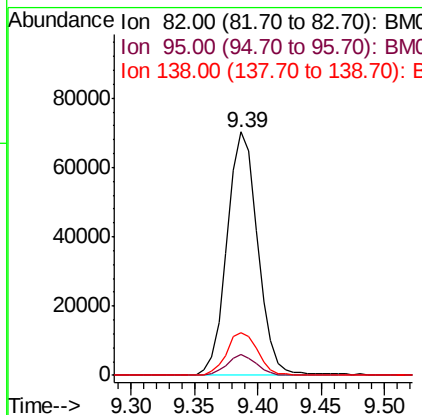
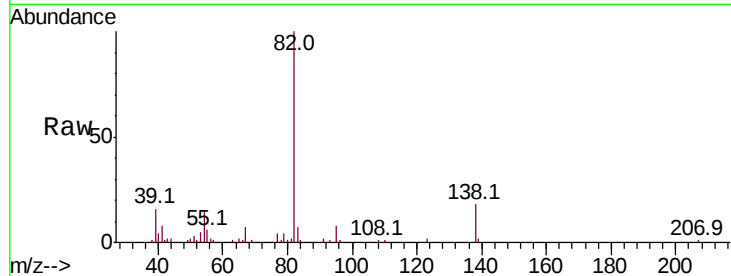
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	82	Resp:	117687
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.0	9.0
138	17.5	15.4	23.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 9.321 ng

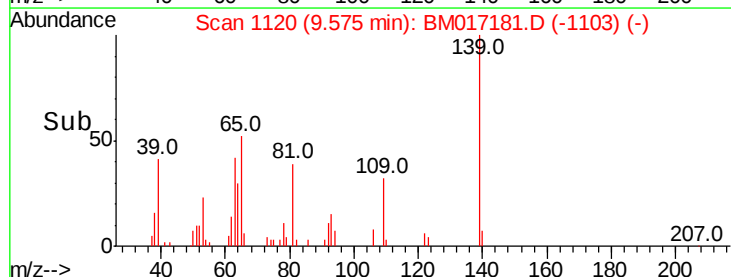
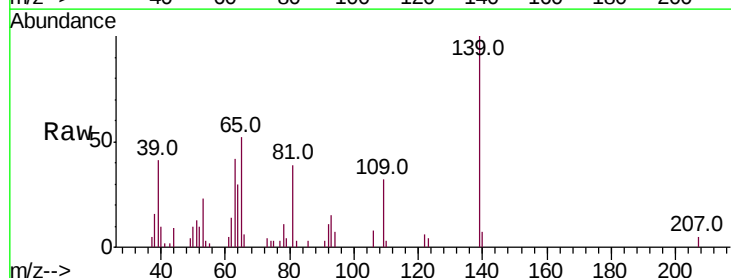
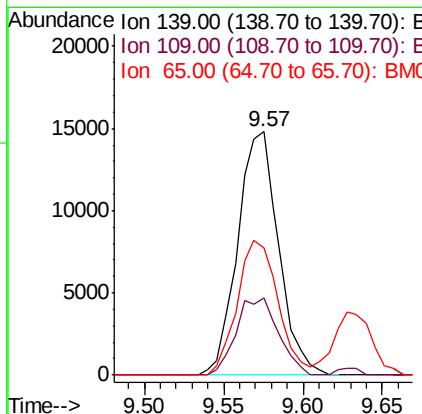
RT: 9.57 min Scan# 1120

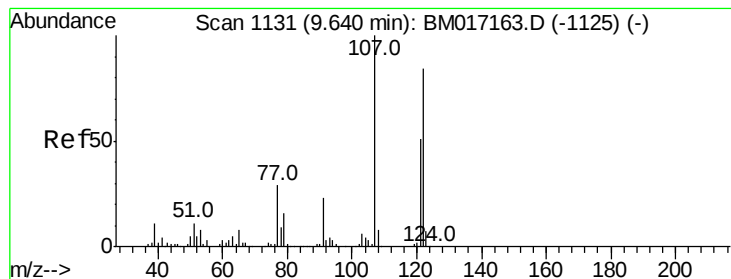
Delta R.T. 0.00 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:	139	Resp:	26411
Ion Ratio	Lower	Upper	
139	100		
109	31.5	23.2	34.8
65	52.1	40.6	61.0





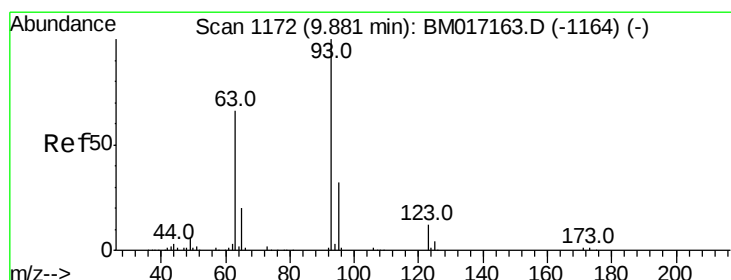
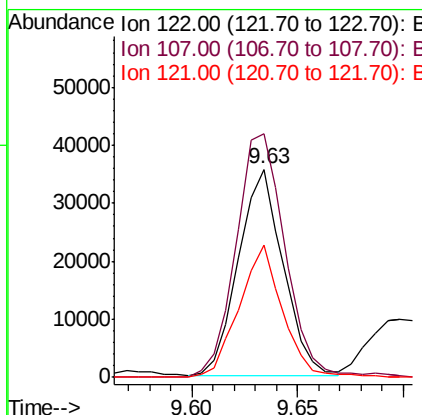
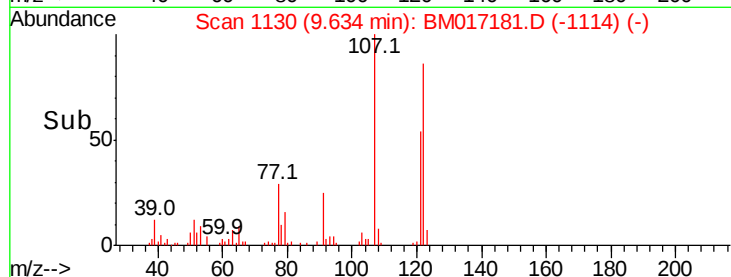
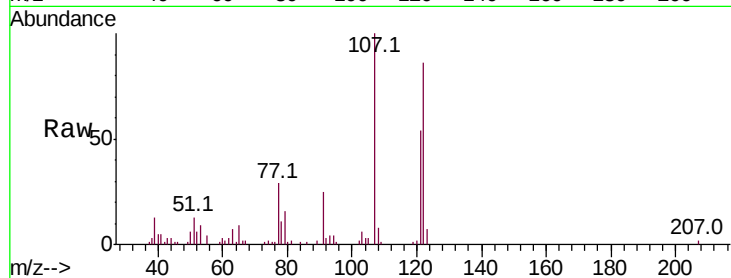
#27
2,4-Dimethylphenol
Concen: 5.516 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	95.0	142.6
121	63.7	48.2	72.4

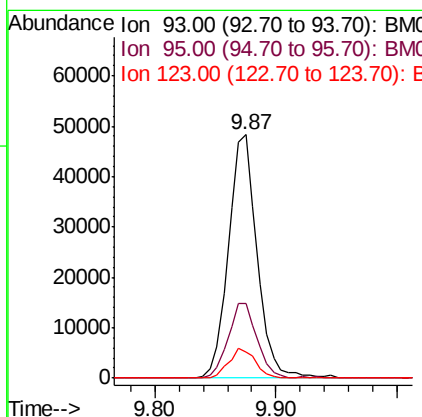
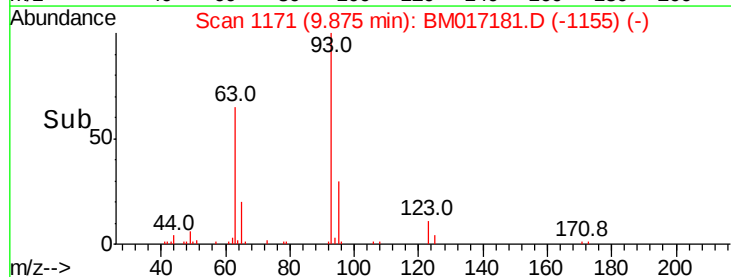
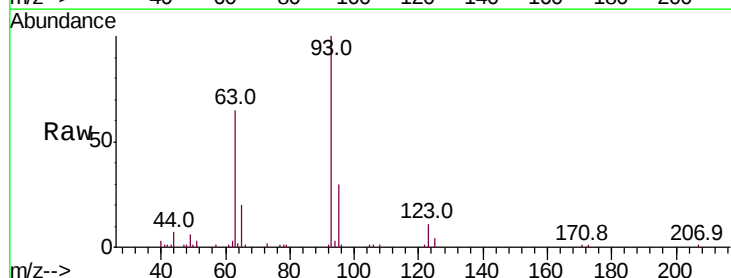
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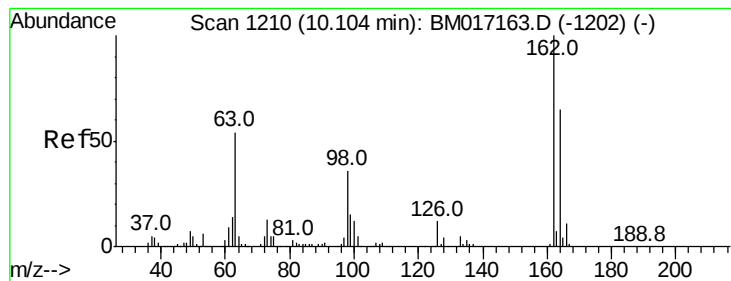
Sohil
10/18/2018 5:33:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 5.280 ng
RT: 9.87 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.4	25.7	38.5
123	10.8	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 4.733 ng

RT: 10.10 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

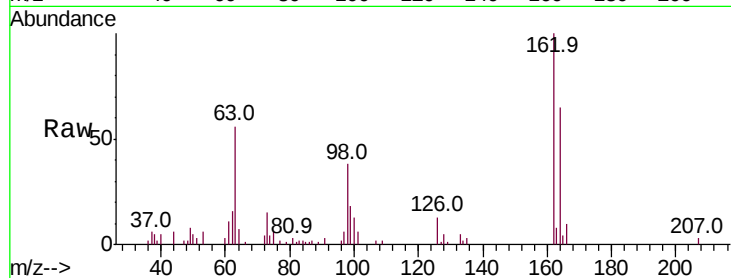
ClientSampleId :

MDL-WATER-03-QT4-2018

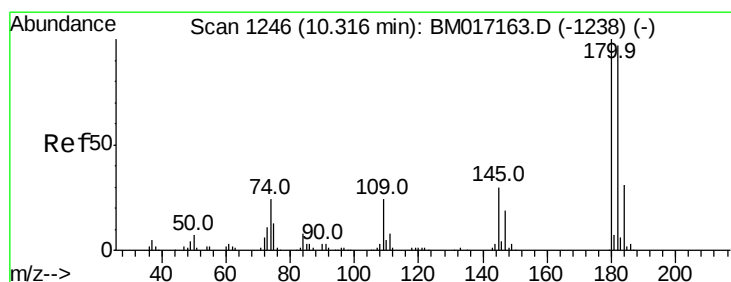
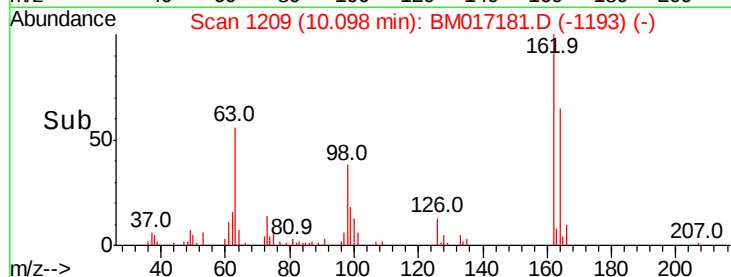
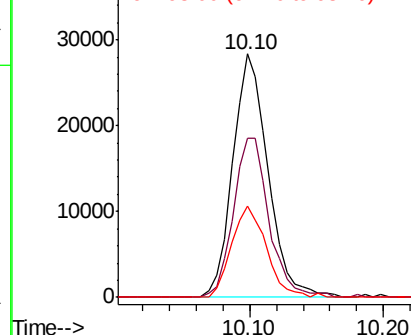
Tot Ion:	162	Resp:	52143
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.9	84.9
98	37.6	15.8	55.8

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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: 5.088 ng

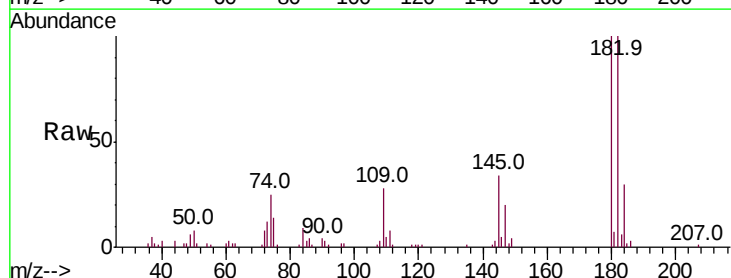
RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

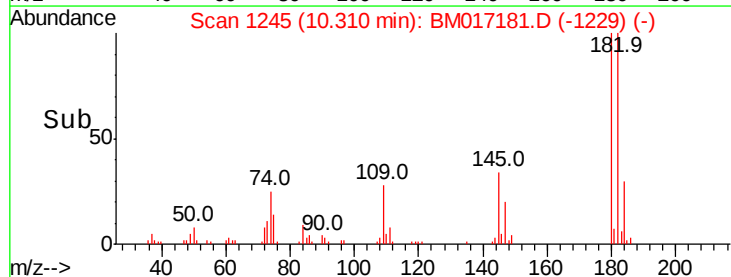
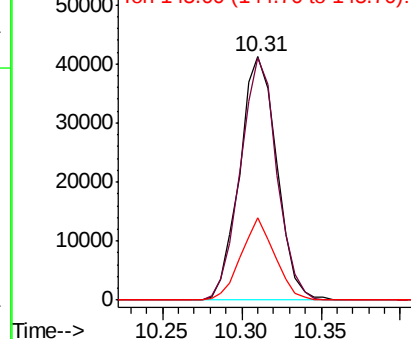
Lab File: BM017181.D

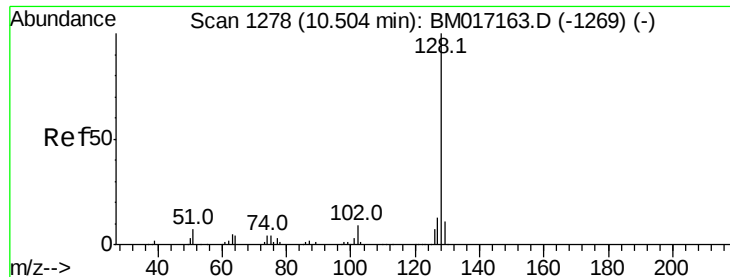
Acq: 18 Oct 2018 06:45

Tgt Ion:	180	Resp:	67253
Ion Ratio	Lower	Upper	
180	100		
182	99.6	77.5	116.3
145	33.9	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





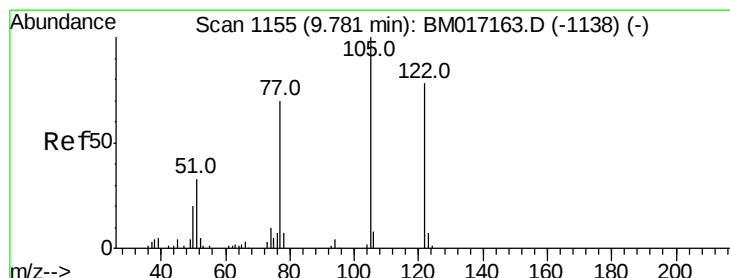
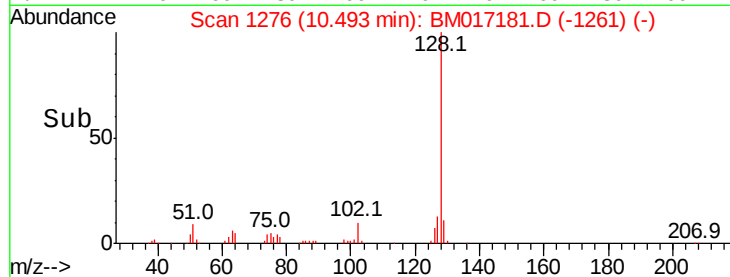
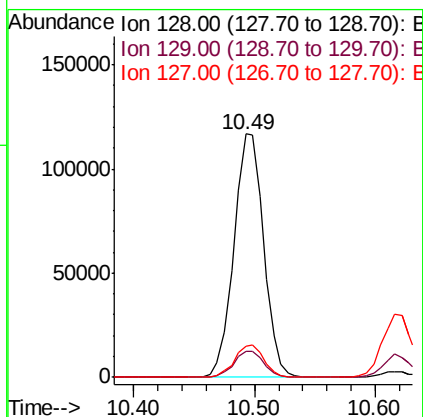
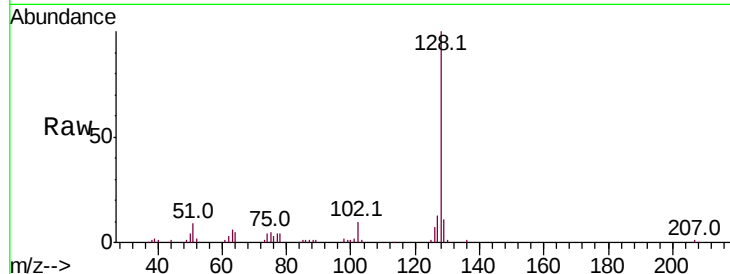
#31
Naphthalene
Concen: 5.379 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	12.6	10.3	15.5

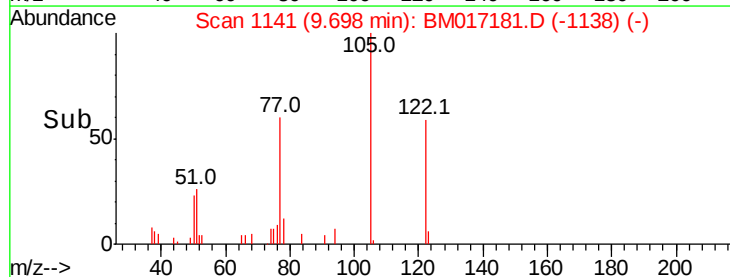
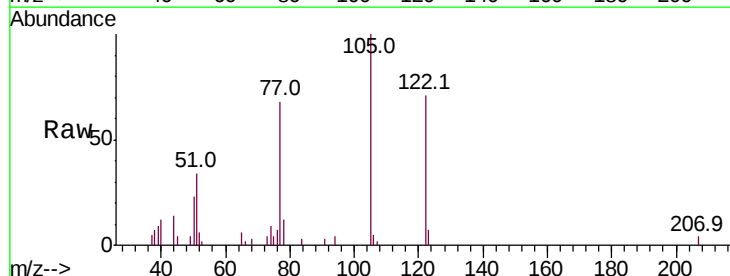
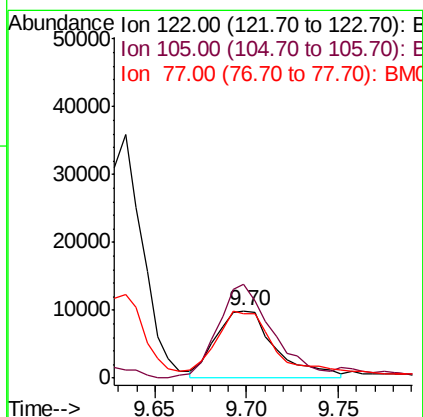
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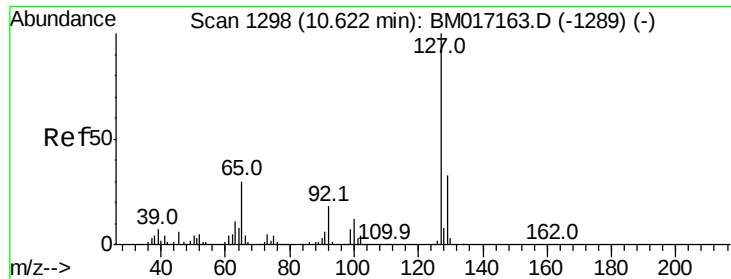
Sohil
10/18/2018 5:33:37 PM



#32
Benzoic acid
Concen: 3.200 ng m
RT: 9.70 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.0	102.0	142.0
77	95.0	67.7	107.7





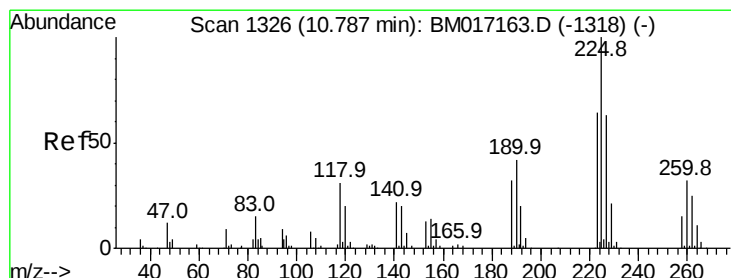
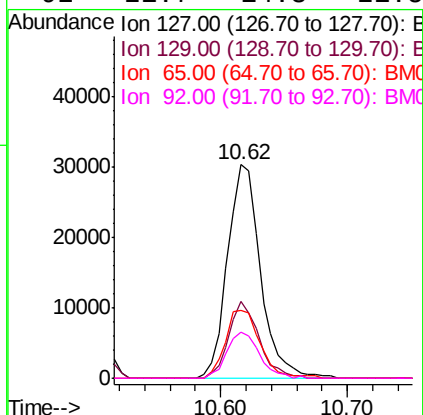
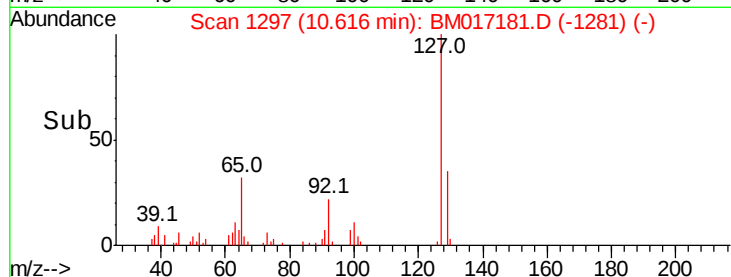
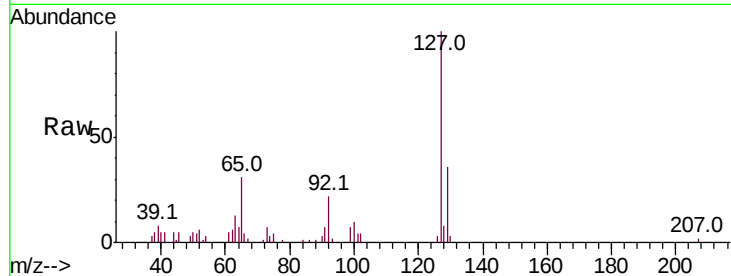
#33
4-Chloroaniline
Concen: 3.414 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.2	26.2	39.4
65	31.5	23.7	35.5
92	21.7	14.3	21.5#

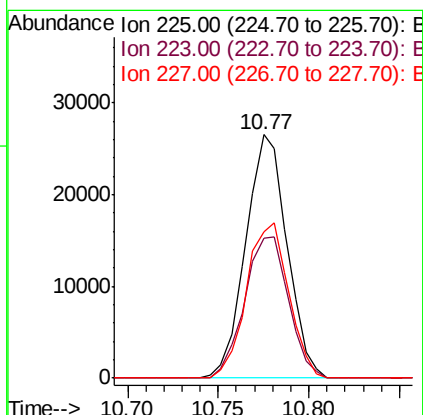
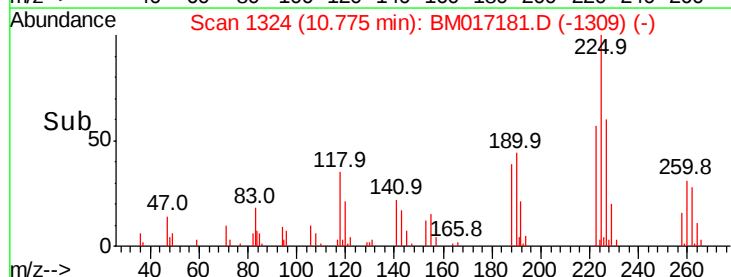
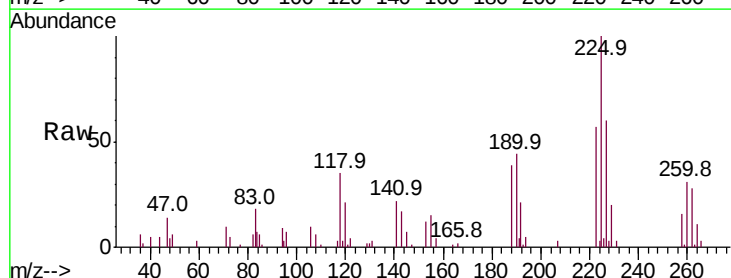
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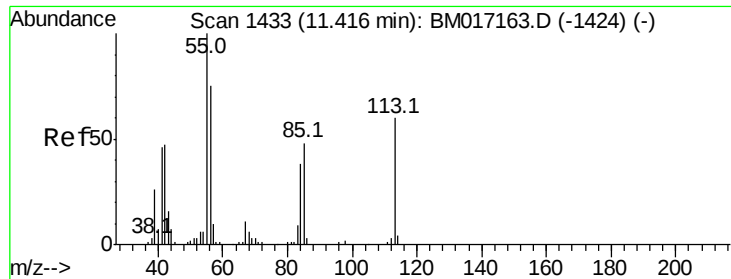
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#34
Hexachlorobutadiene
Concen: 5.029 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.4	51.0	76.6
227	59.9	50.8	76.2





#35

Caprolactam

Concen: 3.377 ng

RT: 11.39 min Scan# 1428

Delta R.T. -0.03 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

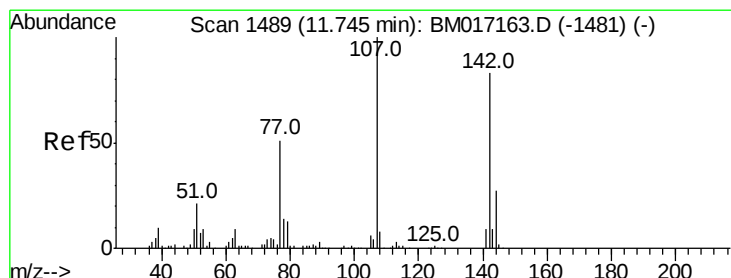
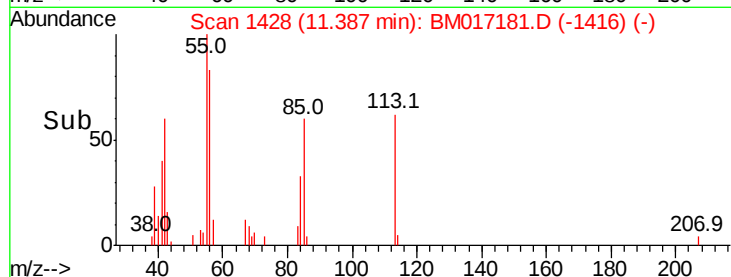
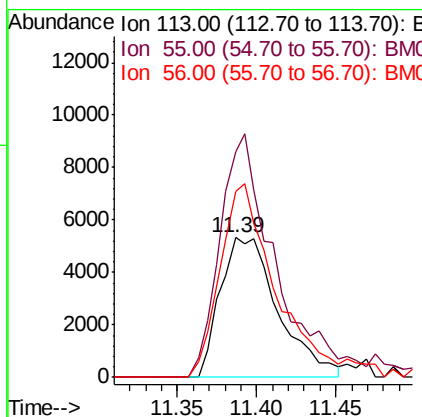
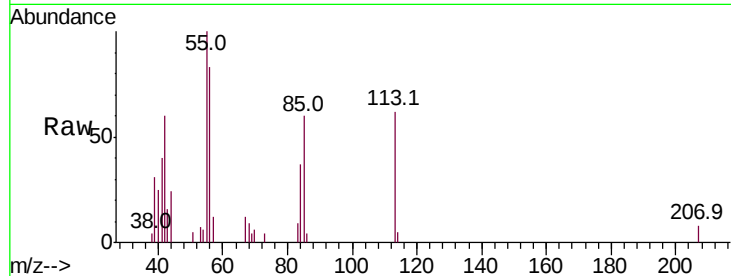
MDL-WATER-03-QT4-2018

Tot Ion:113 Resp: 13561

Ion	Ratio	Lower	Upper
113	100		
55	161.3	147.0	187.0
56	133.1	104.5	144.5

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 4.732 ng

RT: 11.74 min Scan# 1488

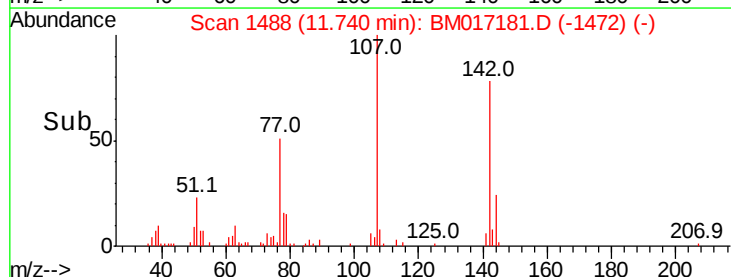
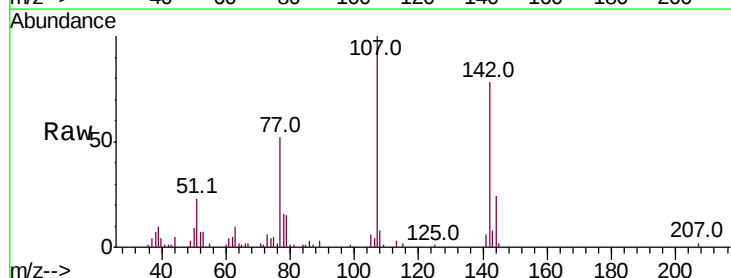
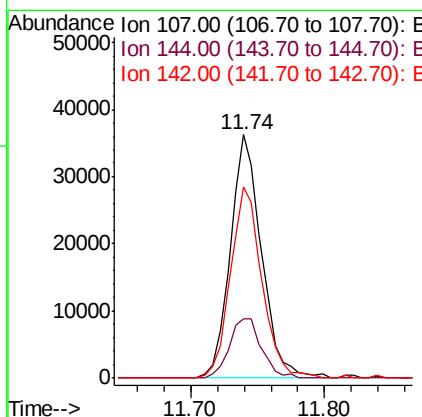
Delta R.T. -0.01 min

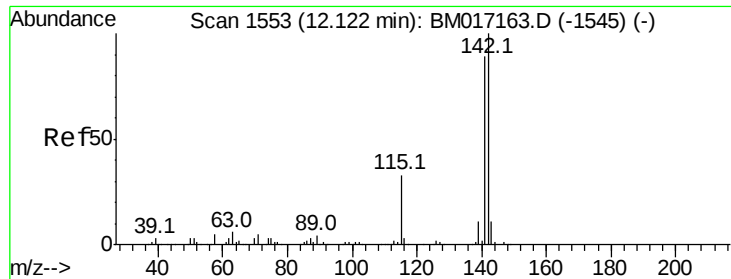
Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:107 Resp: 58771

Ion	Ratio	Lower	Upper
107	100		
144	24.2	21.6	32.4
142	78.3	66.0	99.0





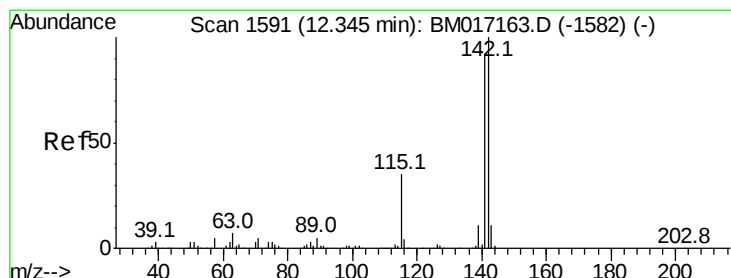
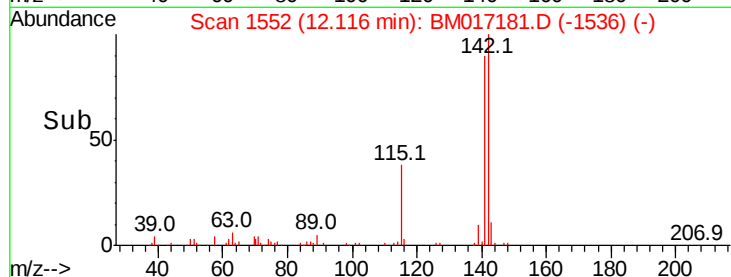
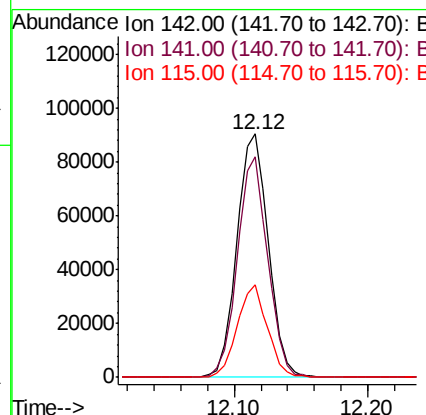
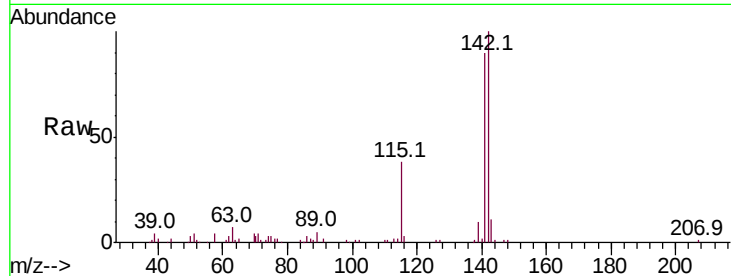
#37
2-Methylnaphthalene
Concen: 5.790 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.9	106.3
115	37.8	26.4	39.6

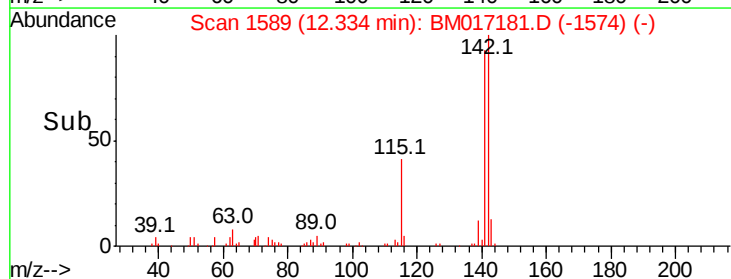
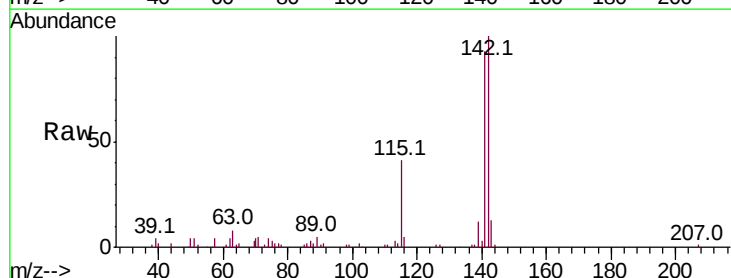
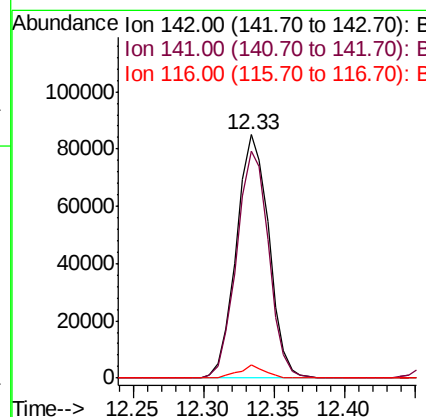
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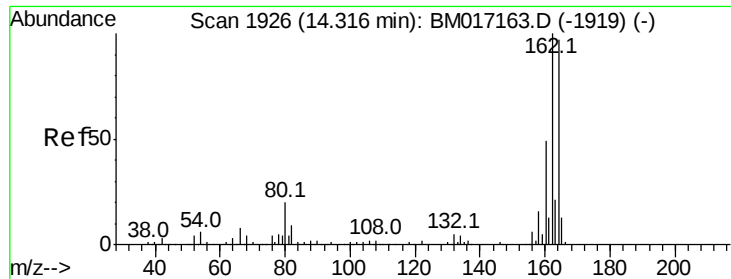
Sohil
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#38
1-Methylnaphthalene
Concen: 5.515 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.8	110.6
116	5.3	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: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

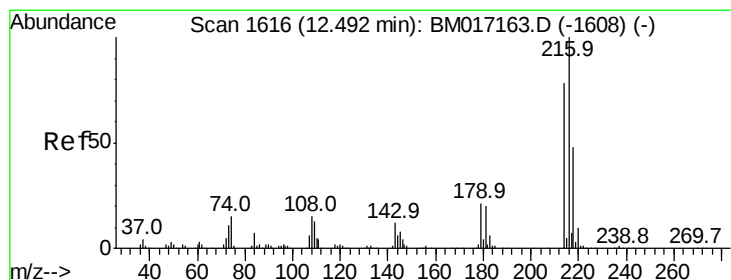
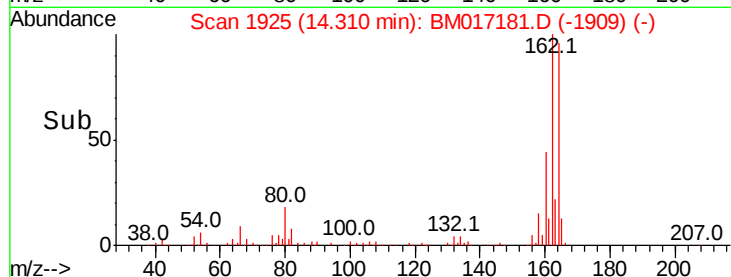
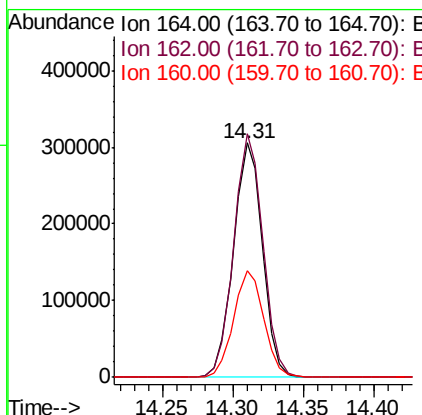
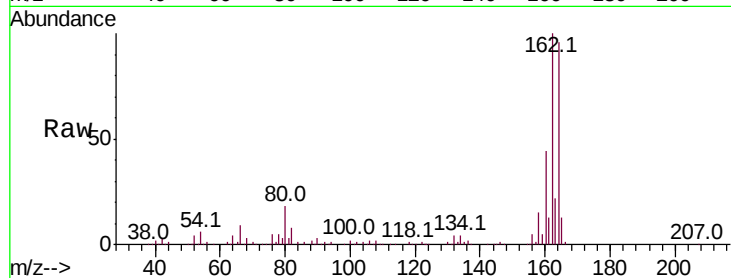
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	164	Resp:	435923
Ion Ratio	Lower	Upper	
164	100		
162	103.8	82.1	123.1
160	45.7	40.2	60.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.971 ng

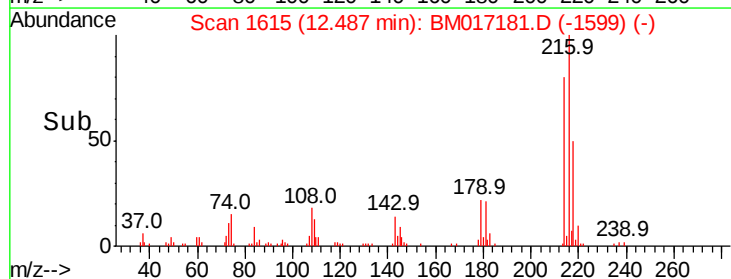
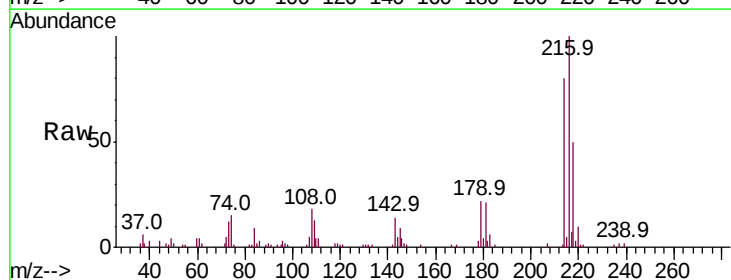
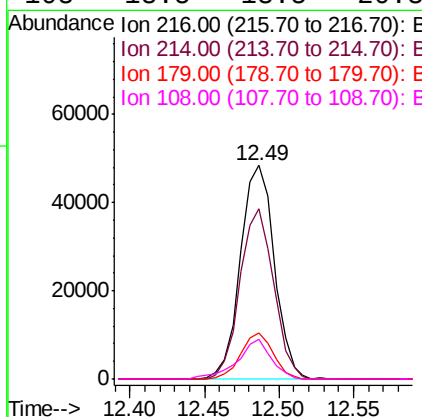
RT: 12.49 min Scan# 1615

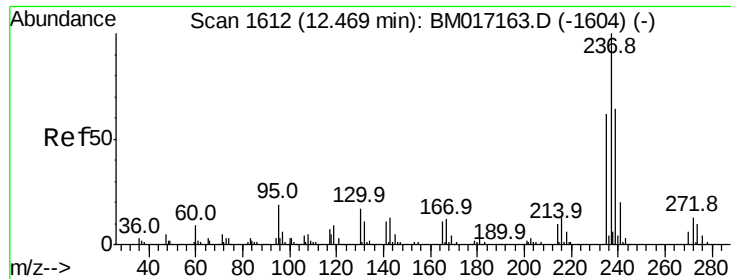
Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:	216	Resp:	76310
Ion Ratio	Lower	Upper	
216	100		
214	78.7	62.6	93.8
179	20.4	16.6	24.8
108	18.5	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 6.179 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

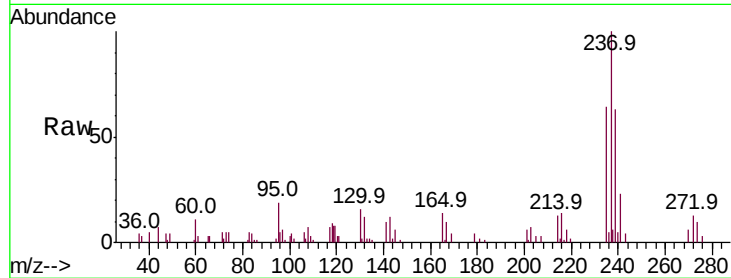
ClientSampleId :

MDL-WATER-03-QT4-2018

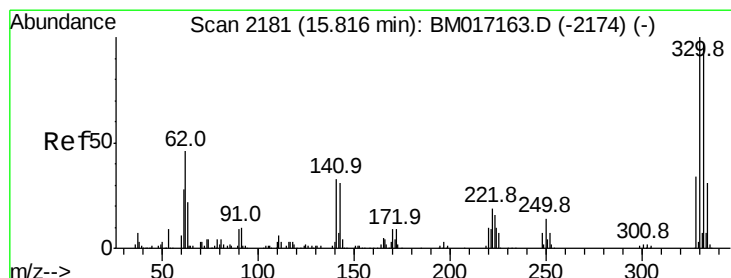
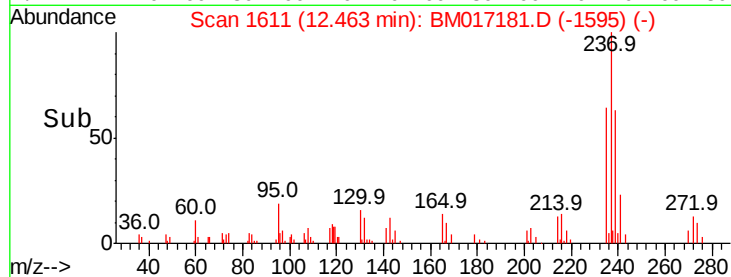
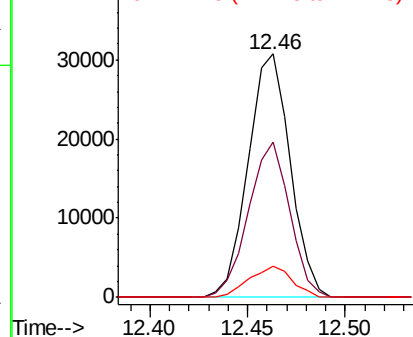
Tot Ion:	237	Resp:	45857
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.4	82.4
272	12.6	0.0	33.0

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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: 154.172 ng

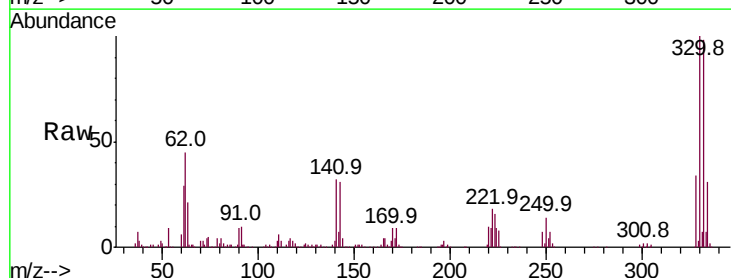
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

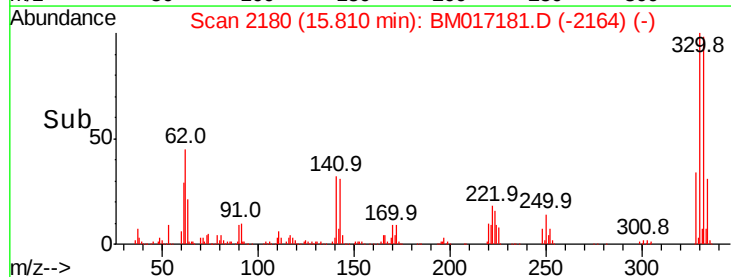
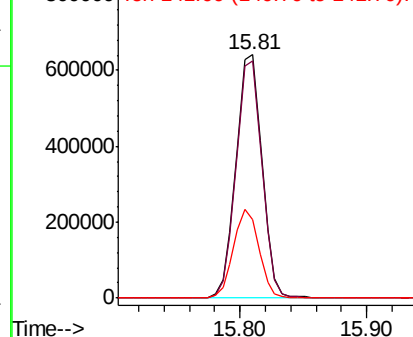
Lab File: BM017181.D

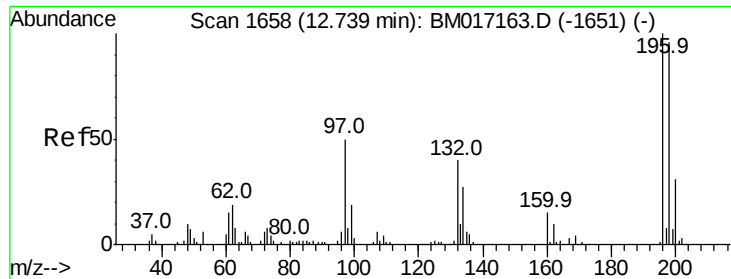
Acq: 18 Oct 2018 06:45

Tgt Ion:	330	Resp:	908880
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.3	115.9
141	35.8	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





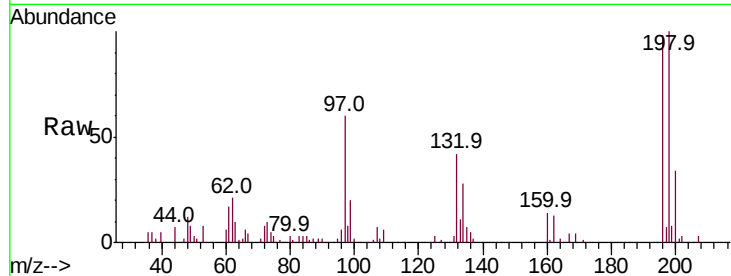
#43
 2,4,6-Trichlorophenol
 Concen: 4.741 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	102.5	77.1	115.7
200	34.7	25.0	37.4

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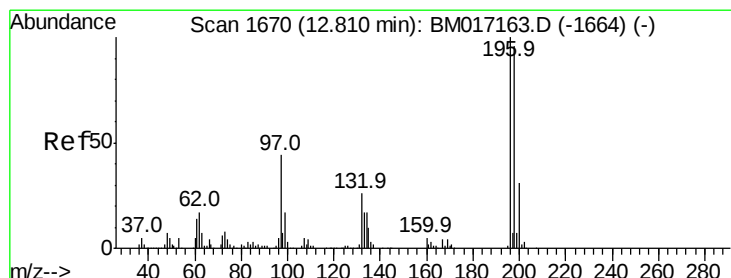
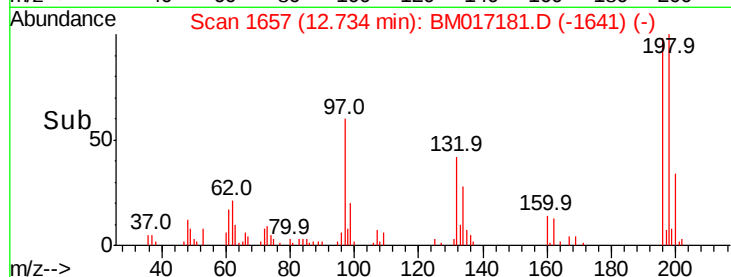
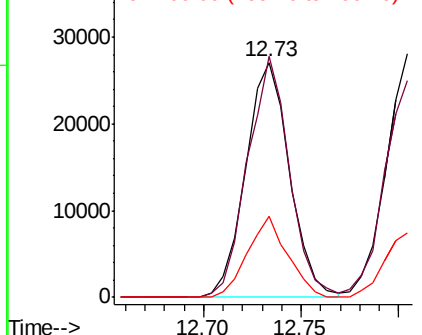


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 4.952 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	88.9	76.6	115.0
97	45.6	35.5	53.3
132	23.3	20.7	31.1

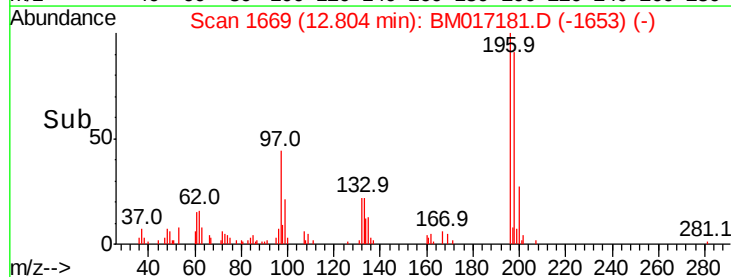
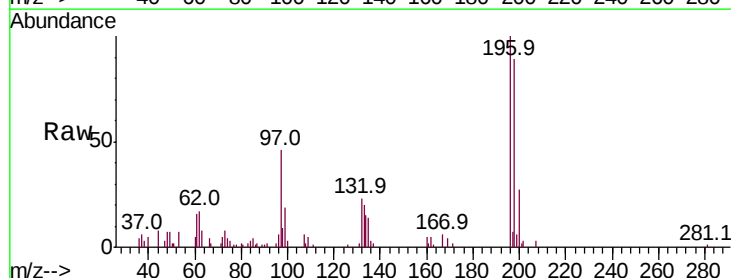
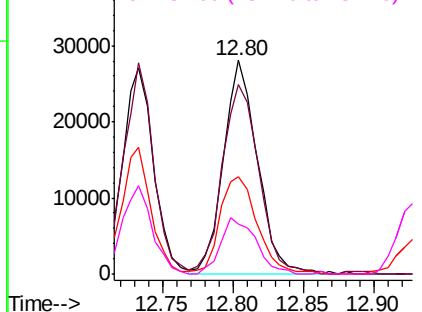
Abundance

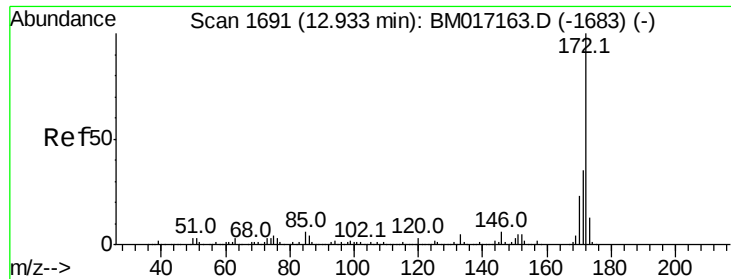
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E





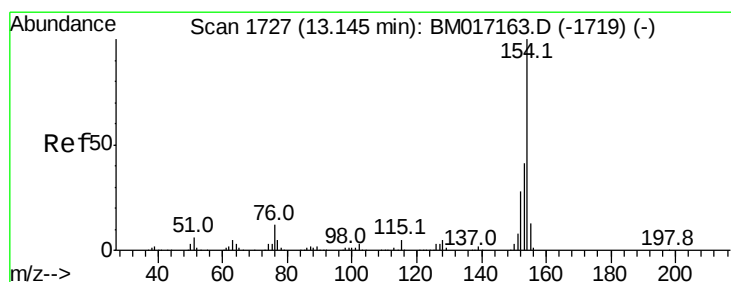
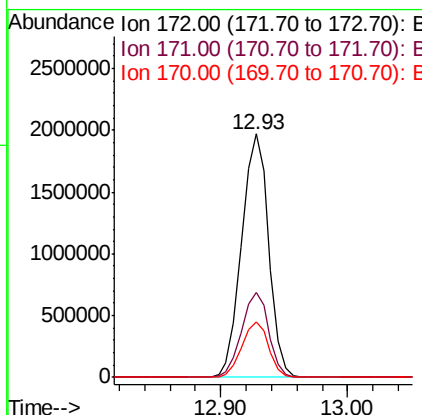
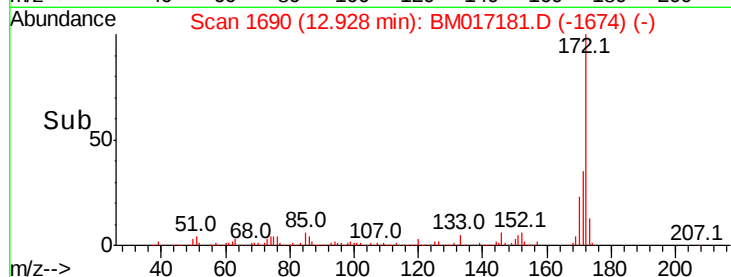
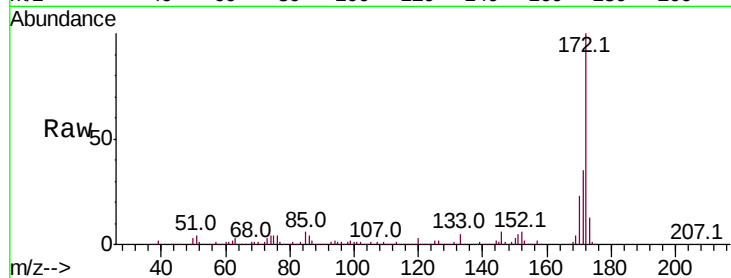
#45
2-Fluorobiphenyl
Concen: 88.698 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	22.7	18.3	27.5

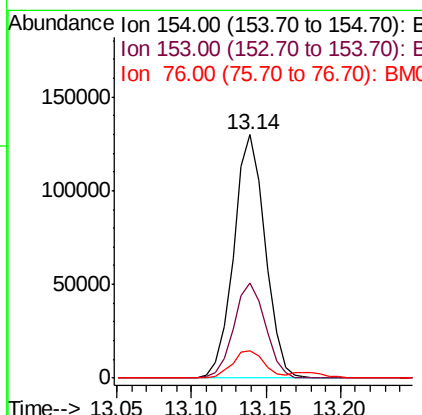
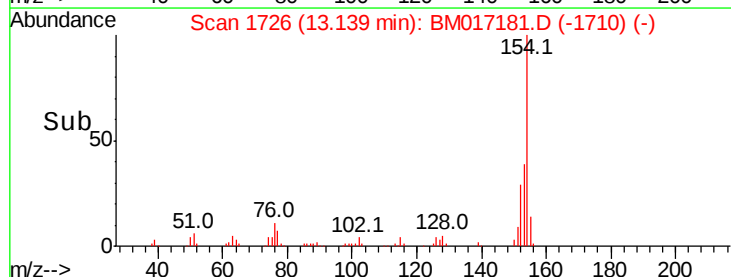
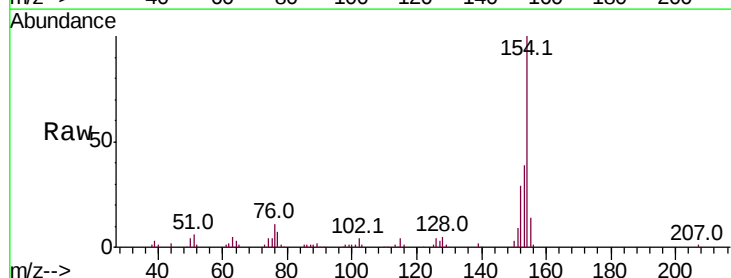
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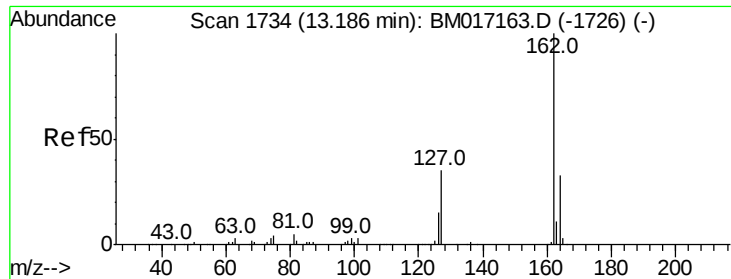
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#46
1,1'-Biphenyl
Concen: 4.864 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.5	60.5
76	11.1	0.0	31.8





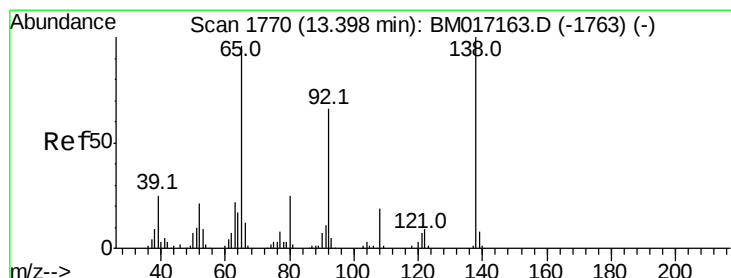
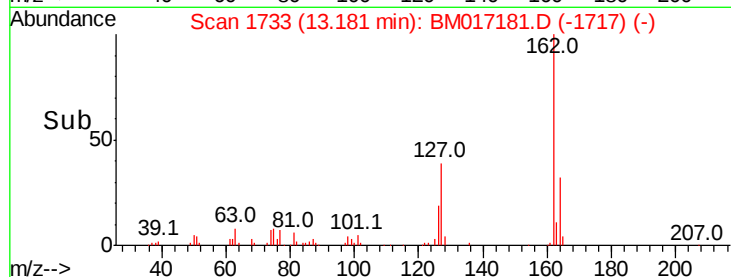
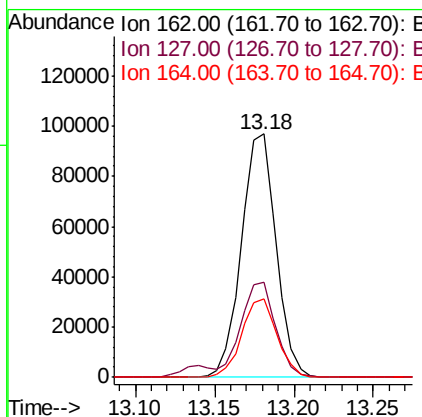
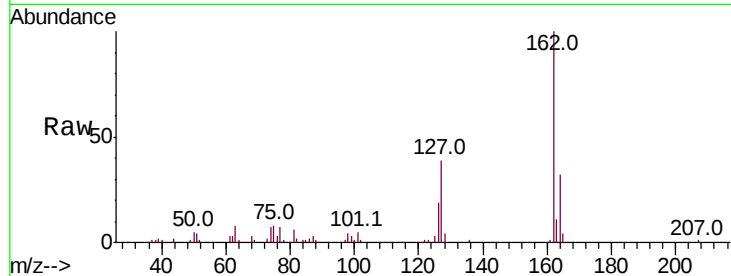
#47
2-Chloronaphthalene
Concen: 5.104 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.0	46.4
164	32.2	26.6	39.8

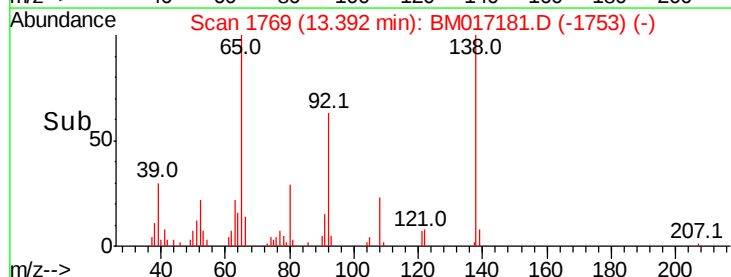
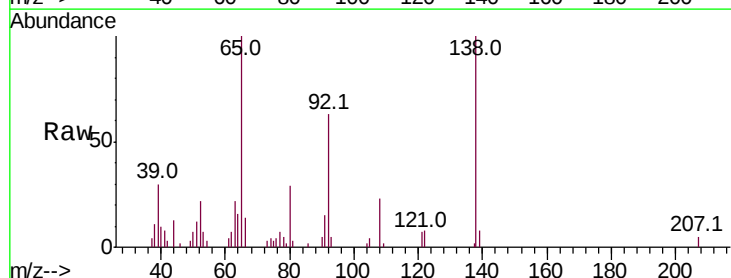
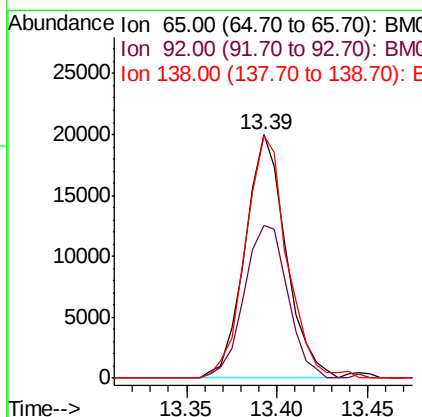
Manual Integrations
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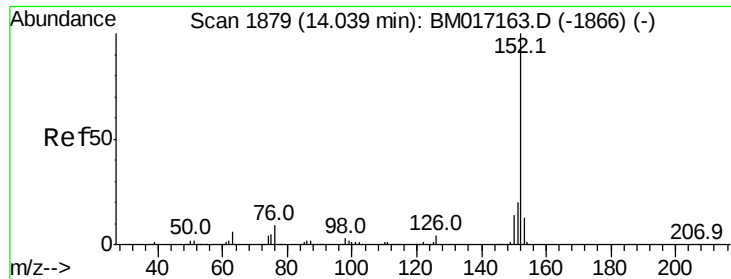
Sohil
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#48
2-Nitroaniline
Concen: 9.080 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	54.9	82.3
138	99.8	83.7	125.5





#49

Acenaphthylene

Concen: 5.281 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

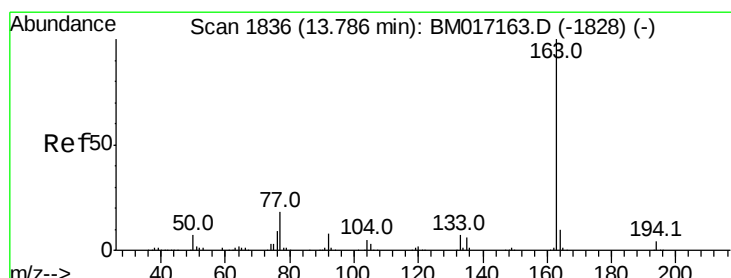
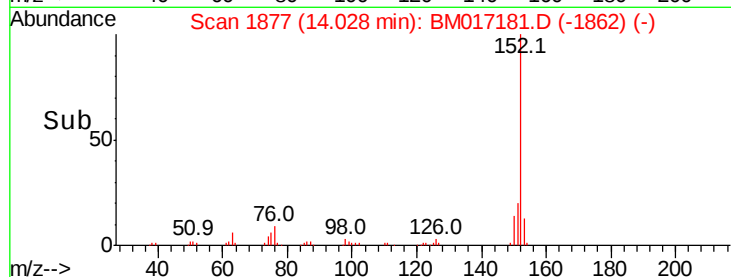
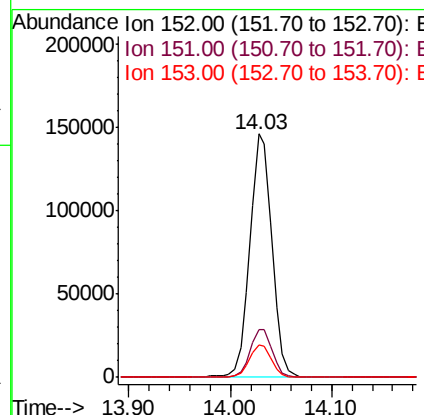
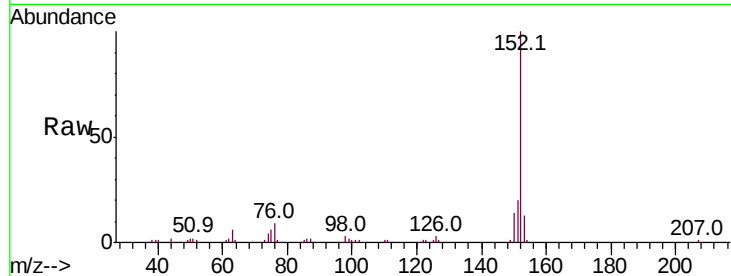
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	152	Resp:	220921
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.0	24.0
153	13.1	10.4	15.6

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#50

Dimethylphthalate

Concen: 5.365 ng

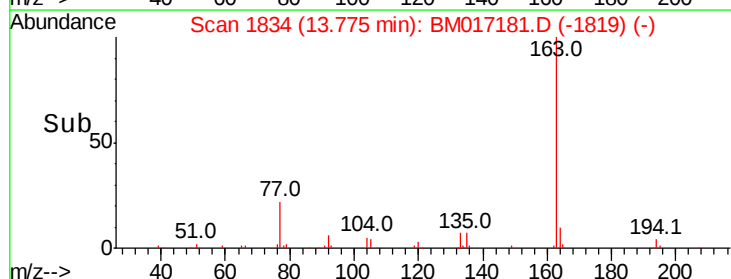
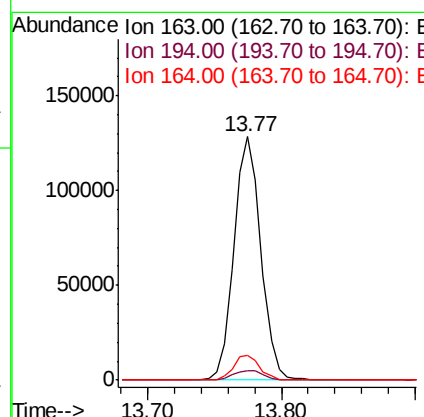
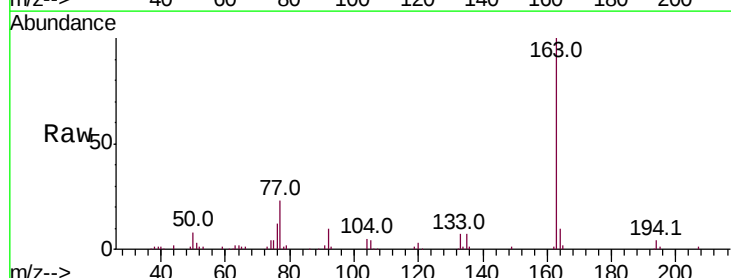
RT: 13.77 min Scan# 1834

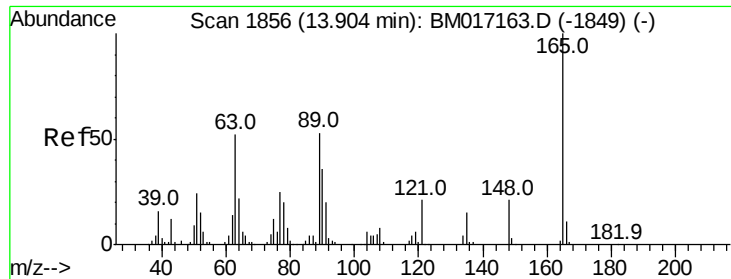
Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:	163	Resp:	180449
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.3	4.9
164	10.2	7.8	11.8





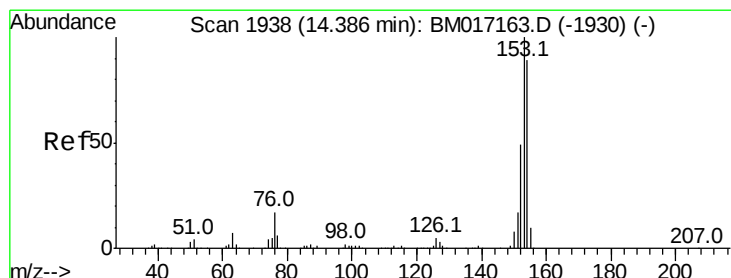
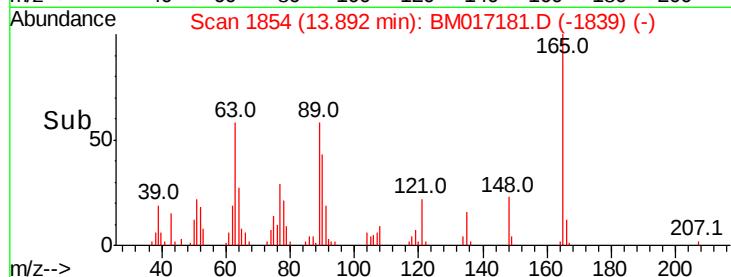
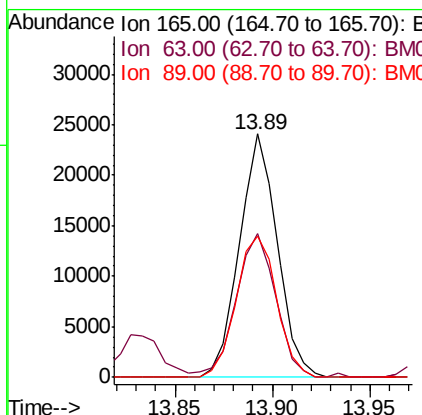
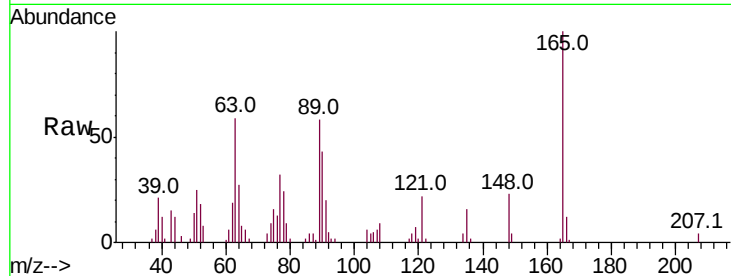
#51
2,6-Dinitrotoluene
Concen: 4.371 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	32358		
63	59.3		42.7	64.1
89	58.2		42.1	63.1

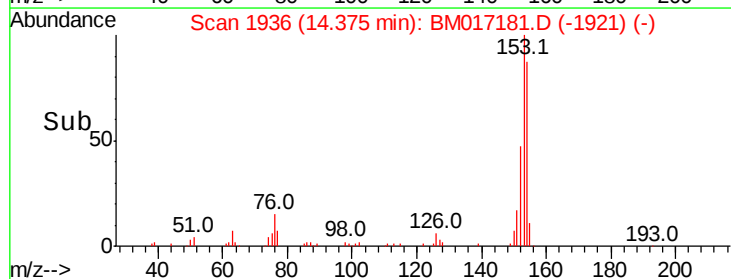
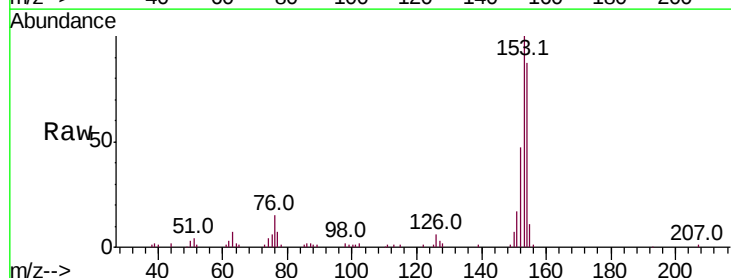
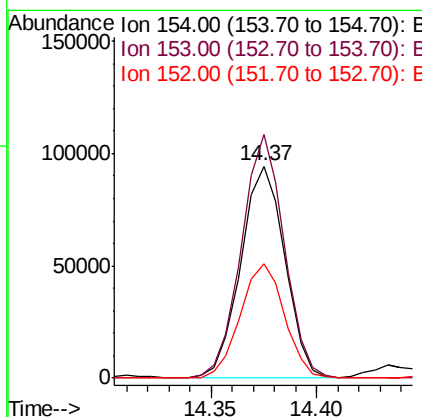
Manual Integrations
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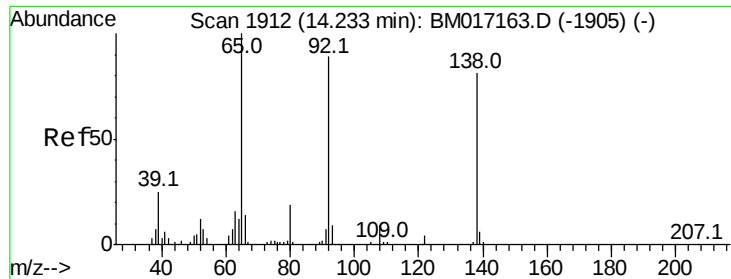
Sohil
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#52
Acenaphthene
Concen: 5.224 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	137215		
153	114.7		90.2	135.2
152	53.8		44.2	66.4





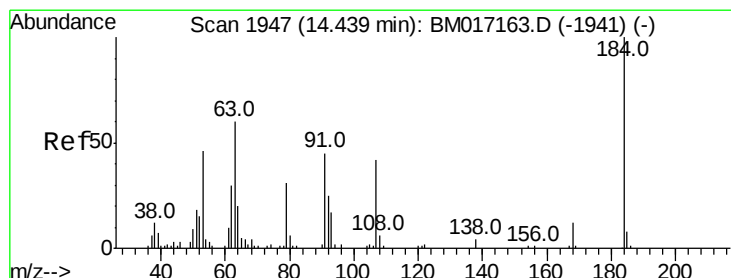
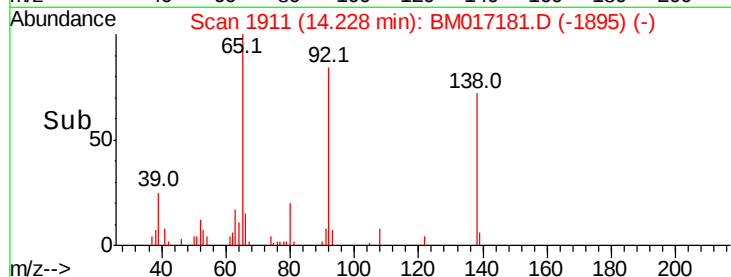
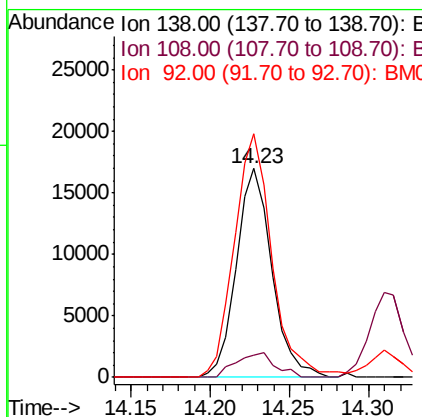
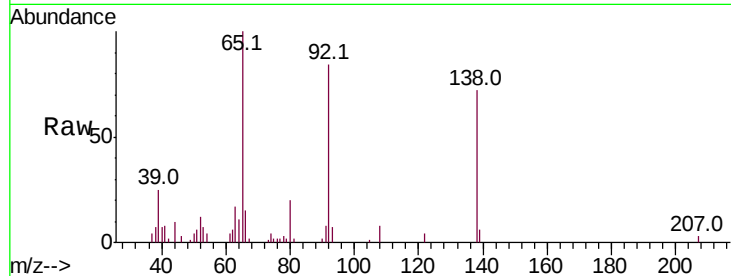
#53
3-Nitroaniline
Concen: 3.288 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.7	13.1
92	116.5	87.9	131.9

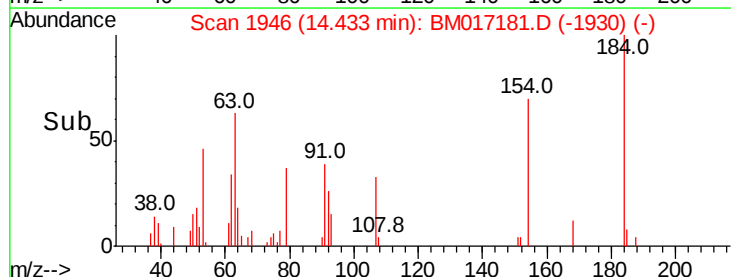
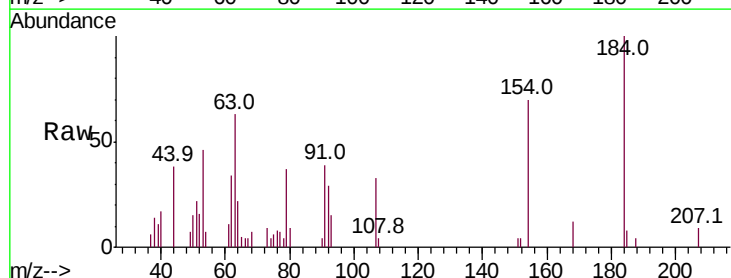
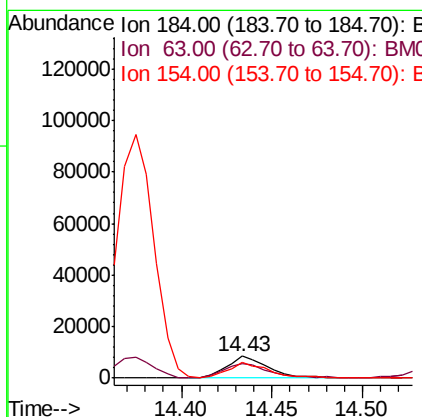
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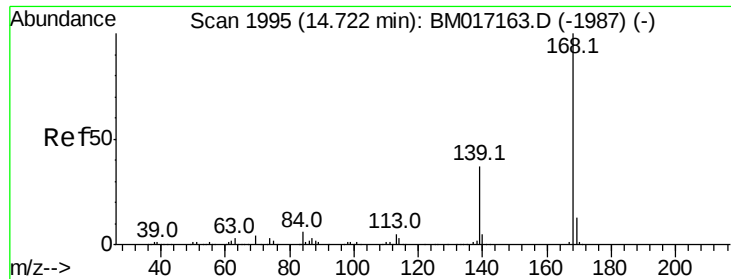
Sohil
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#54
2,4-Dinitrophenol
Concen: 10.999 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.1	51.2	76.8
154	69.9	47.8	71.8





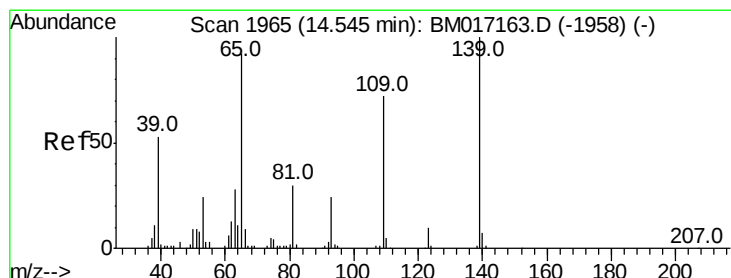
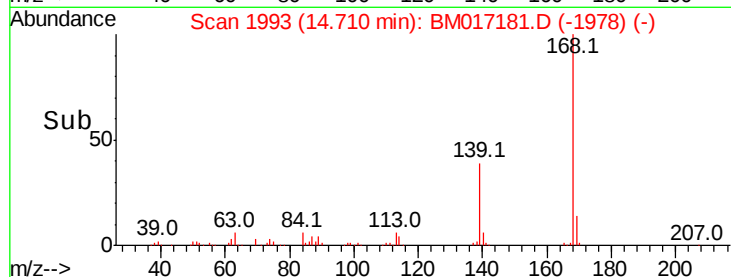
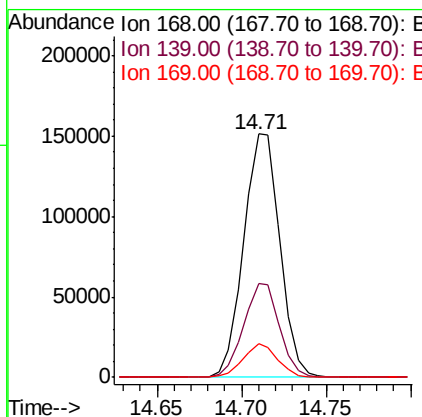
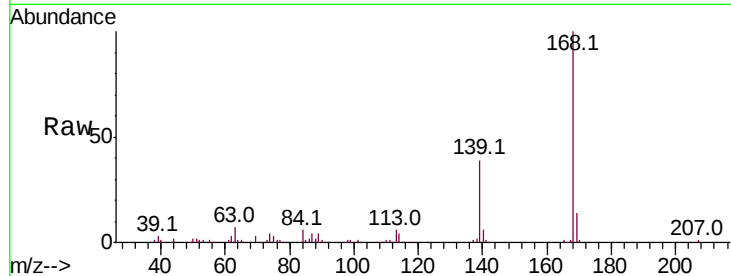
#55
Dibenzenofuran
Concen: 5.173 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	29.3	43.9
169	14.0	10.6	15.8

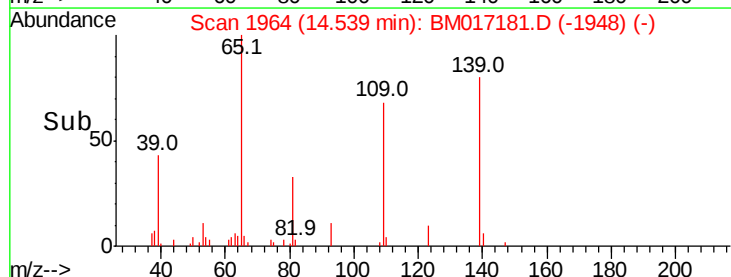
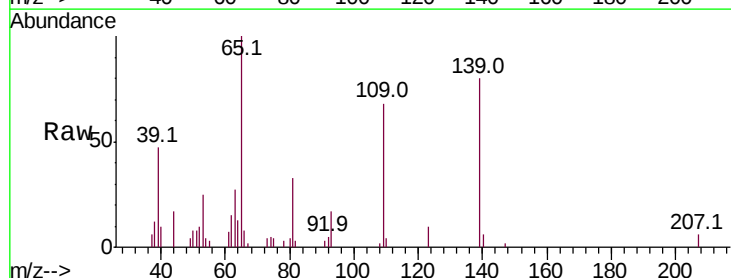
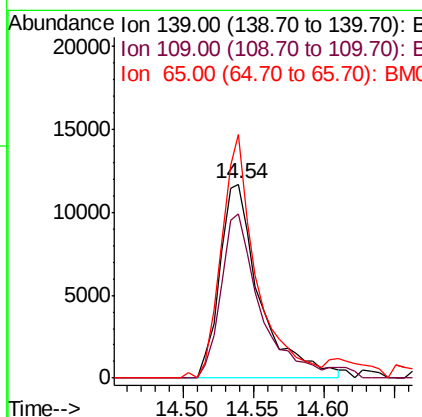
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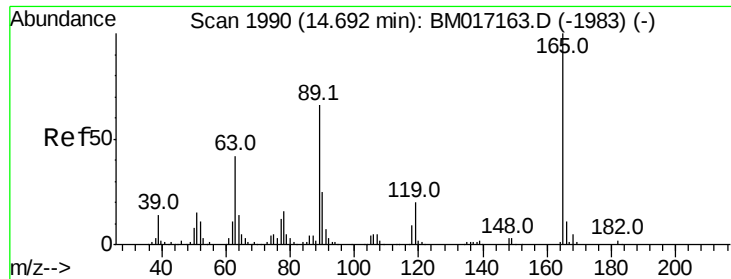
Sohil
10/18/2018 5:33:37 PM



#56
4-Nitrophenol
Concen: 7.696 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	84.6	51.8	91.8
65	125.3	72.1	112.1#





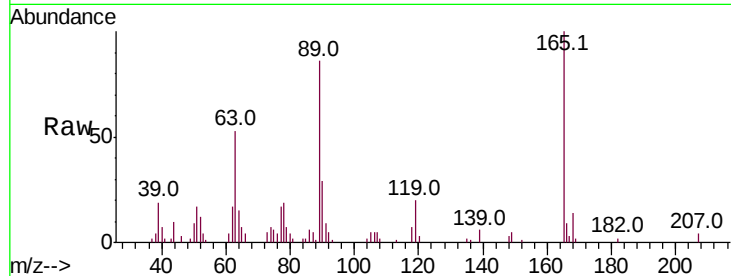
#57
2,4-Dinitrotoluene
Concen: 4.171 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.7	33.8	50.8#
89	86.4	53.1	79.7#
182	2.0	2.0	3.0

Manual Integrations
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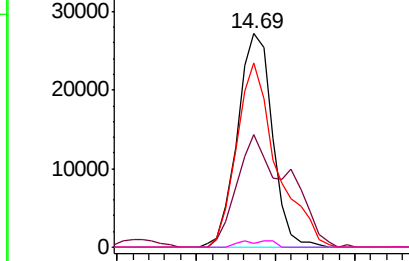
Abundance

Ion 165.00 (164.70 to 165.70): E

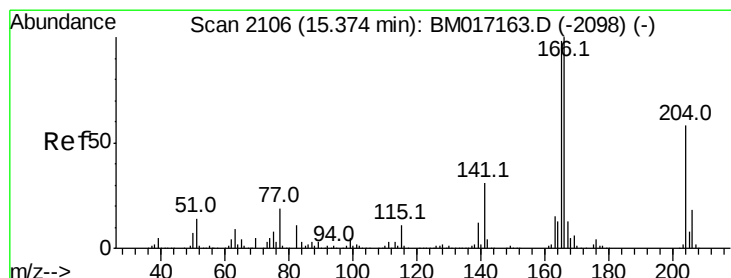
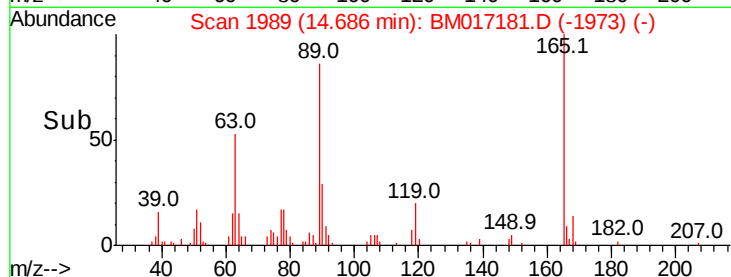
Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



Time--> 14.60 14.65 14.70 14.75



#58
Fluorene
Concen: 5.508 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

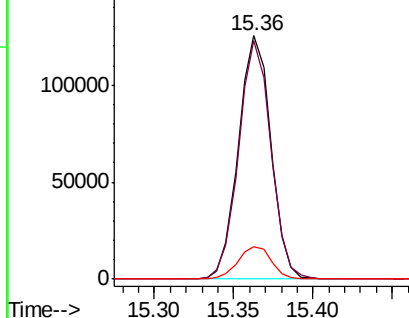
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.1	117.1
167	13.5	10.6	16.0

Abundance

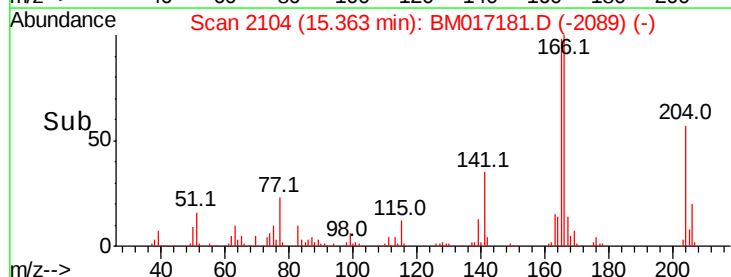
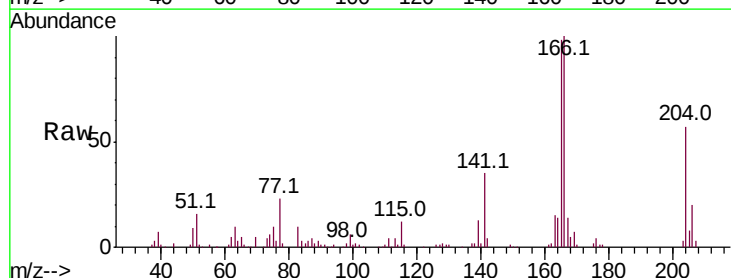
Ion 166.00 (165.70 to 166.70): E

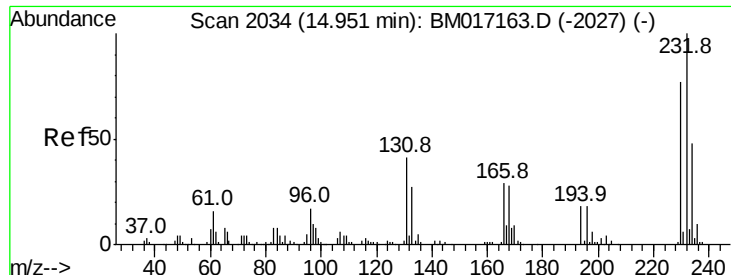
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.30 15.35 15.40





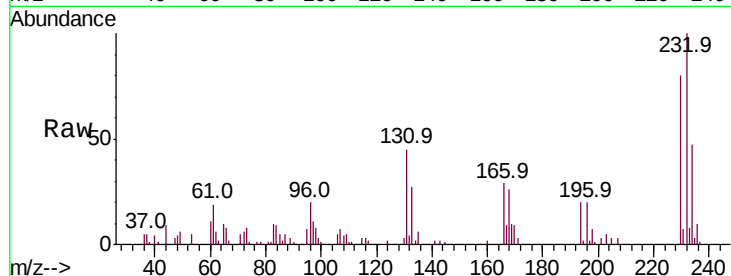
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 5.254 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.7	33.1	49.7
130	1.9	1.7	2.5
166	29.2	24.4	36.6

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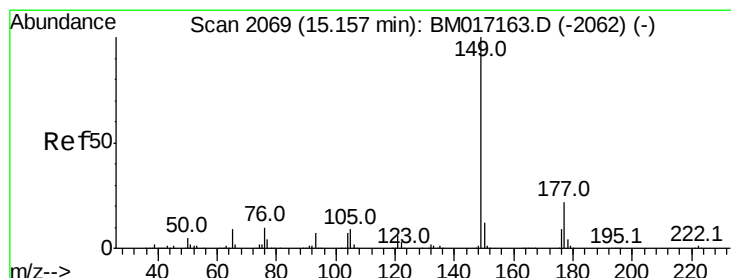
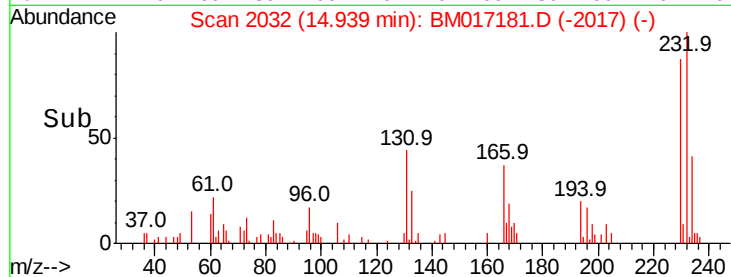
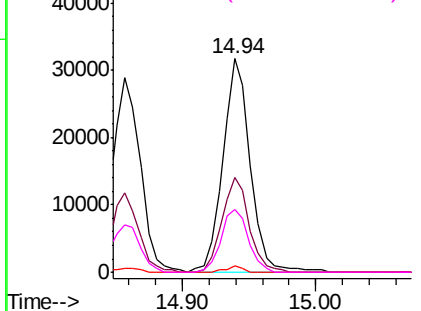
Abundance

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: 5.302 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

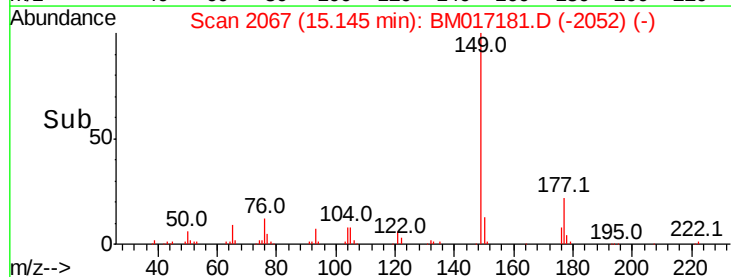
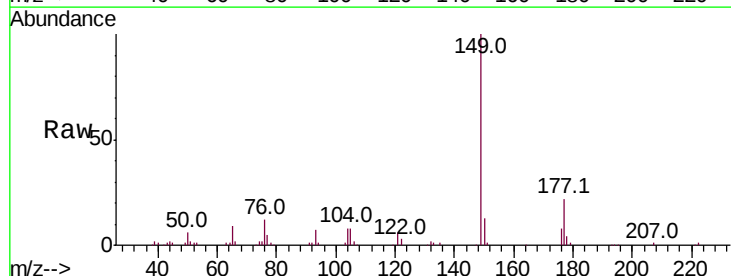
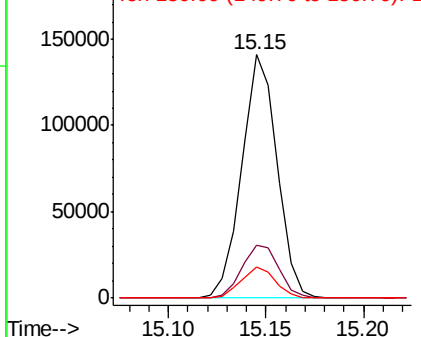
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.7	26.5
150	12.6	10.0	15.0

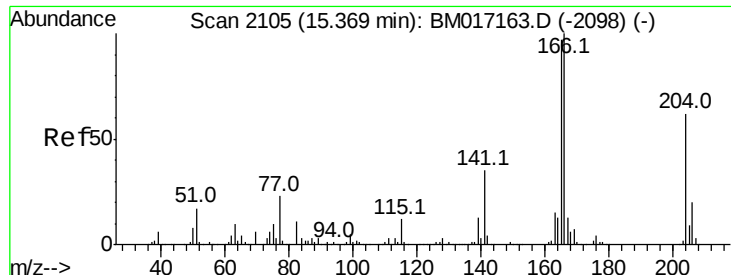
Abundance

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





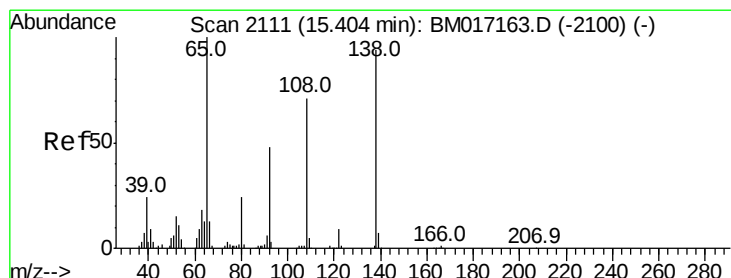
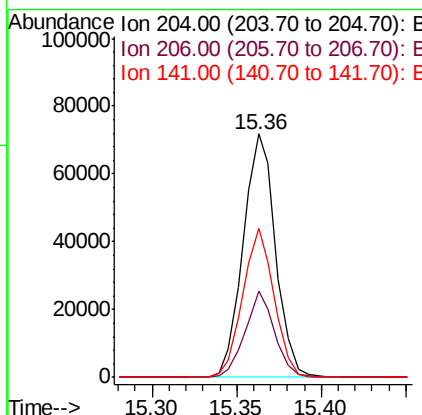
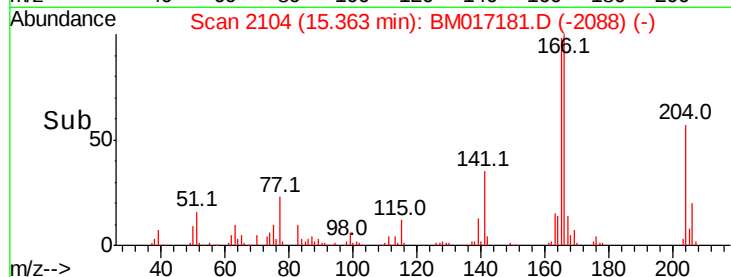
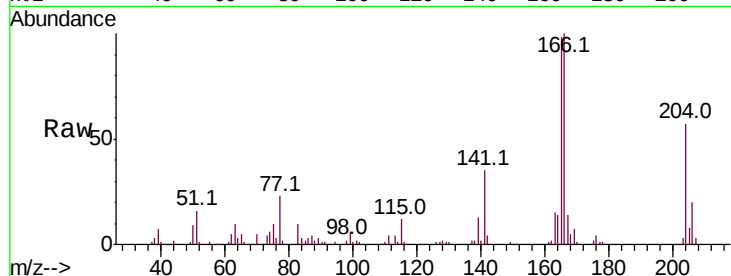
#61
 4-Chlorophenyl-phenylether
 Concen: 5.191 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

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

Tot Ion:	204	Resp:	95681
Ion Ratio	Lower	Upper	
204	100		
206	35.5	26.1	39.1
141	61.1	45.4	68.2

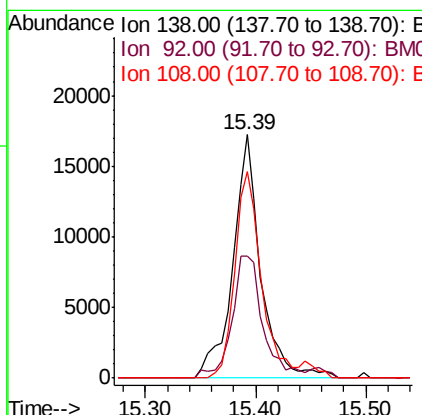
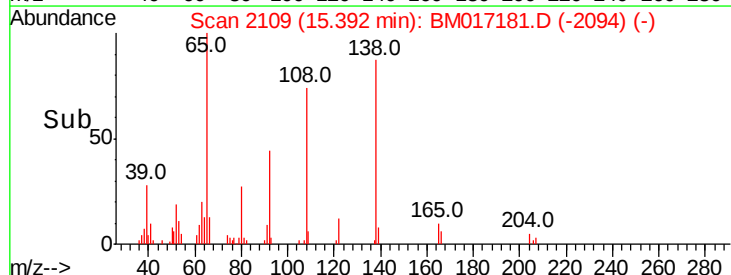
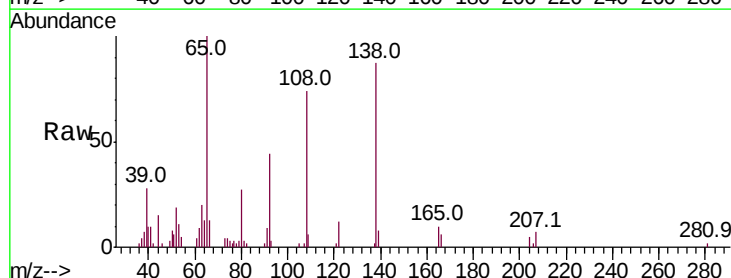
Manual Integrations
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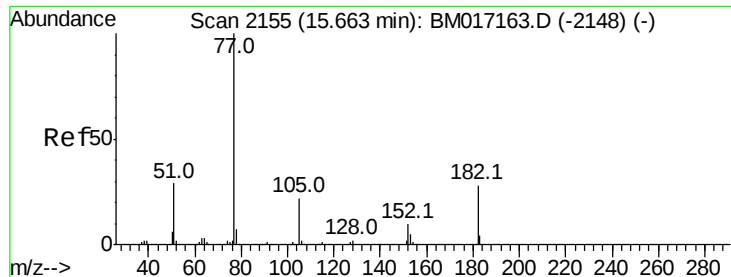
Sohil
 10/18/2018 5:33:37 PM



#62
 4-Nitroaniline
 Concen: 7.820 ng
 RT: 15.39 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion:	138	Resp:	30441
Ion Ratio	Lower	Upper	
138	100		
92	50.1	31.2	71.2
108	84.7	55.5	95.5





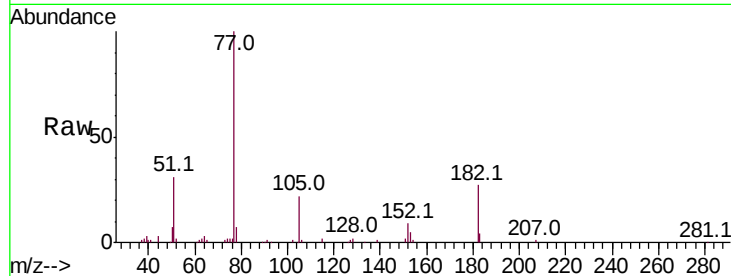
#63
Azobenzene
Concen: 4.916 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	8.3	48.3
105	22.1	1.5	41.5
51	30.9	8.8	48.8

Manual Integrations
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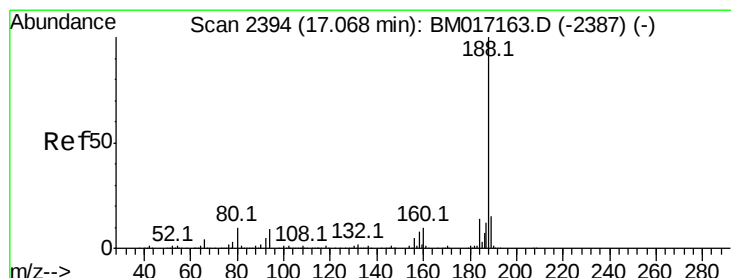
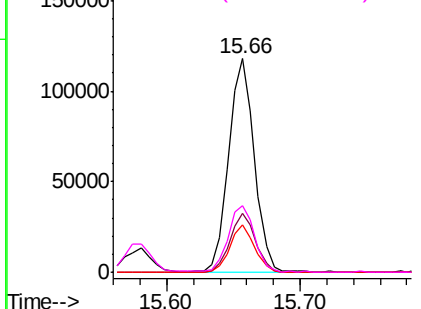
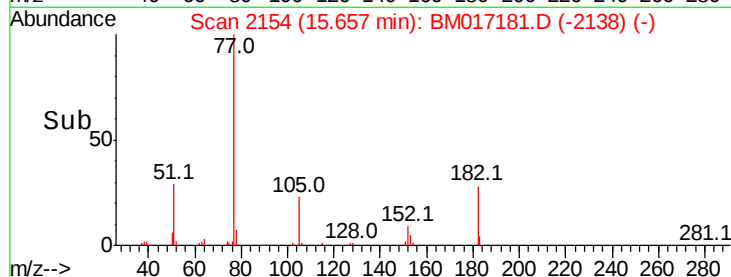


Abundance Ion 77.00 (76.70 to 77.70): BM017181.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017181.D (-2138) (-)

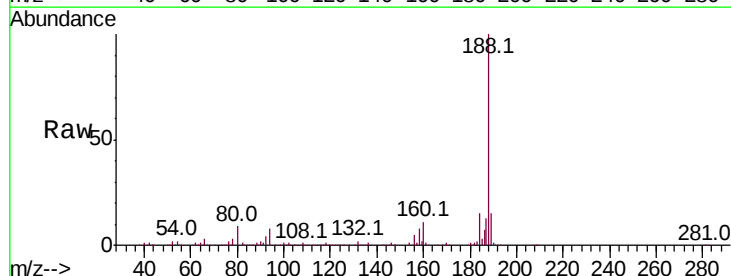
Ion 105.00 (104.70 to 105.70): BM017181.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017181.D (-2138) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

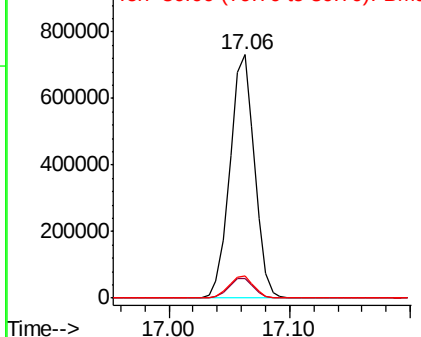
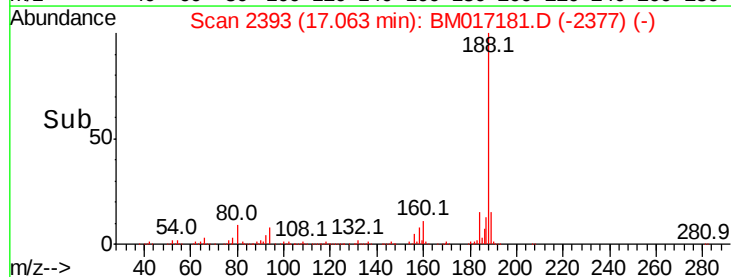
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	9.1	7.7	11.5

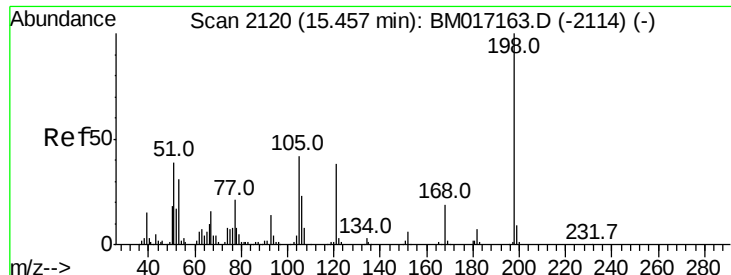


Abundance Ion 188.00 (187.70 to 188.70): BM017181.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017181.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017181.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 9.642 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

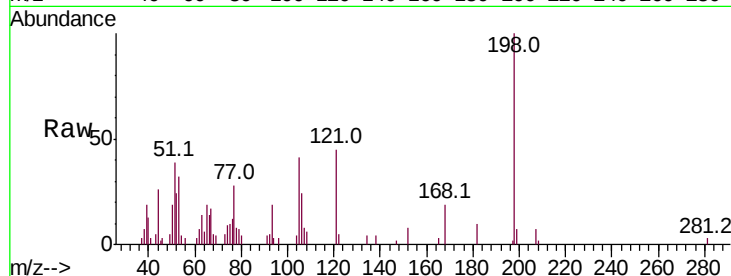
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	198	Resp:	20622
Ion Ratio	Lower	Upper	
198	100		
51	39.4	20.3	60.3
105	40.8	21.9	61.9

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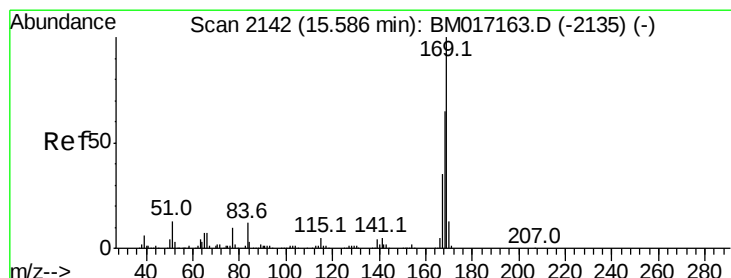
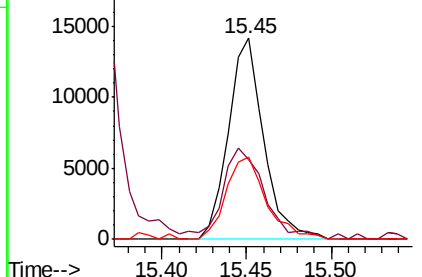
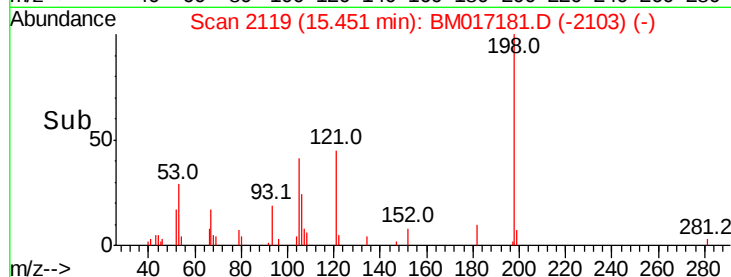
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 4.772 ng

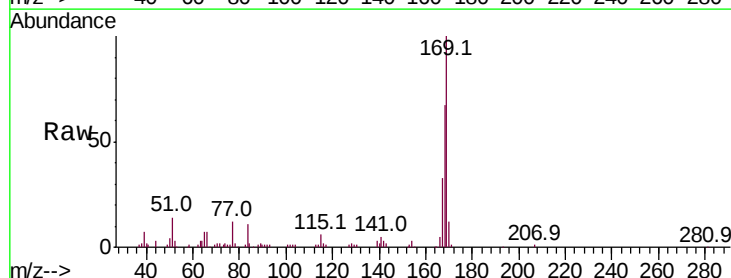
RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

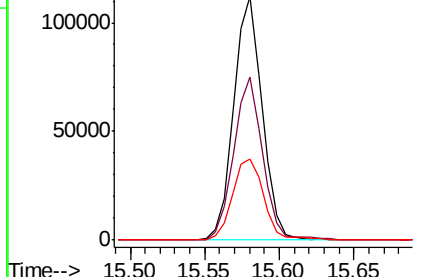
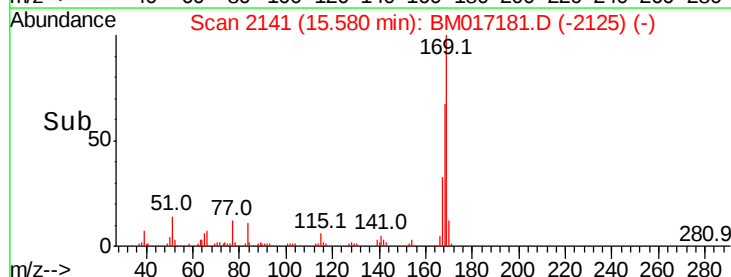
Tgt Ion:	169	Resp:	150032
Ion Ratio	Lower	Upper	
169	100		
168	67.1	52.2	78.4
167	33.5	28.4	42.6

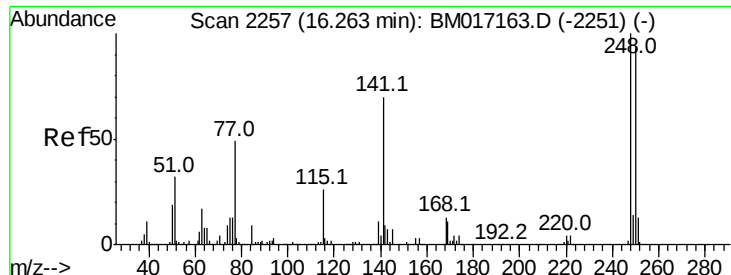


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





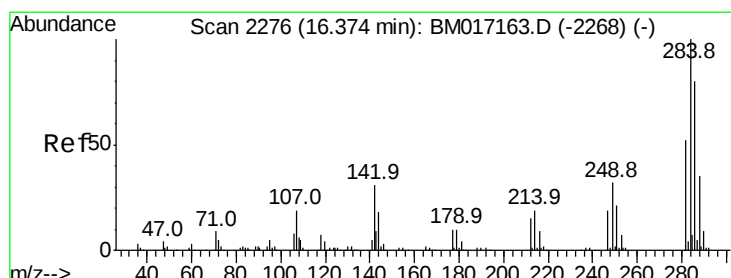
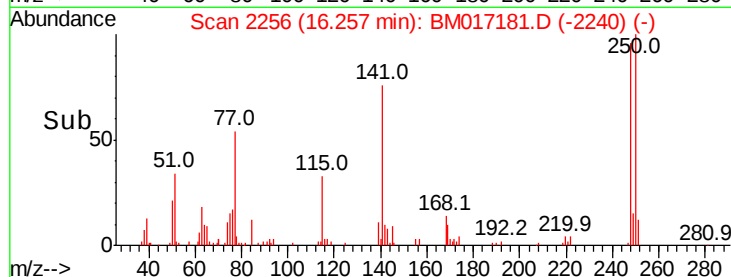
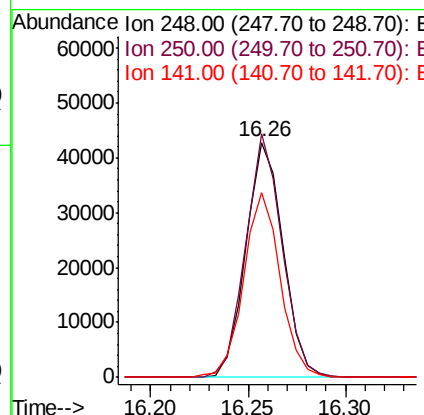
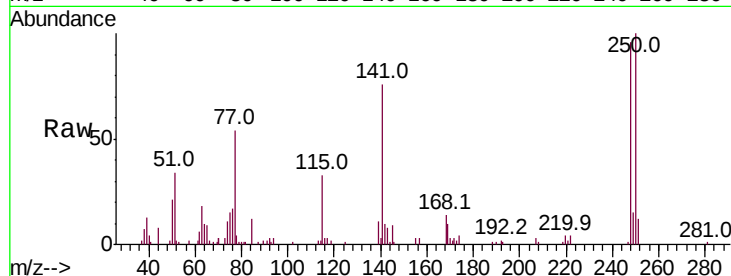
#67
4-Bromophenyl-phenylether
Concen: 4.948 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	103.7	75.1	112.7
141	78.5	55.6	83.4

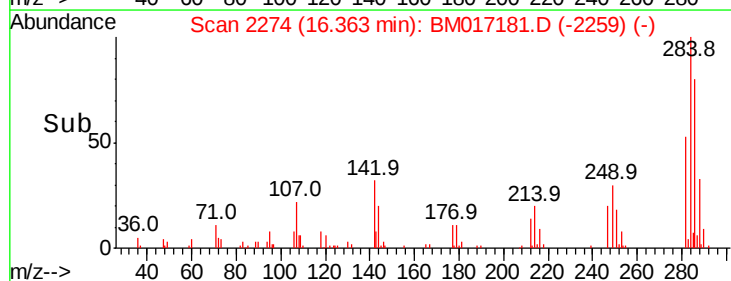
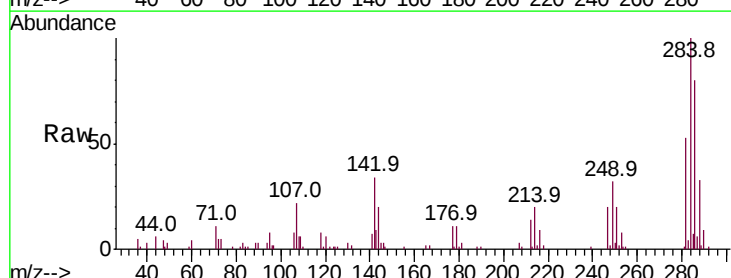
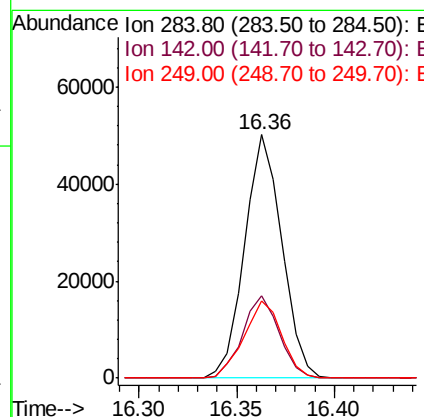
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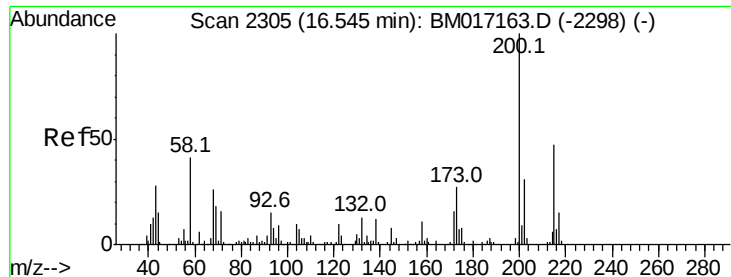
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#68
Hexachlorobenzene
Concen: 5.000 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	25.0	37.6
249	31.7	25.5	38.3





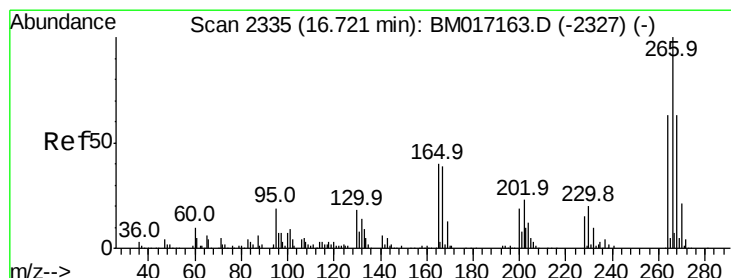
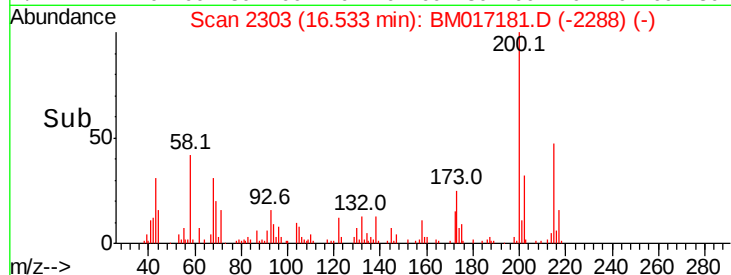
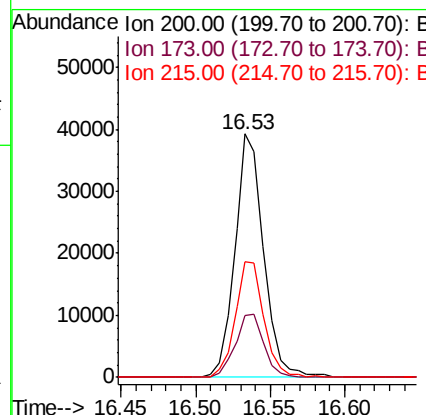
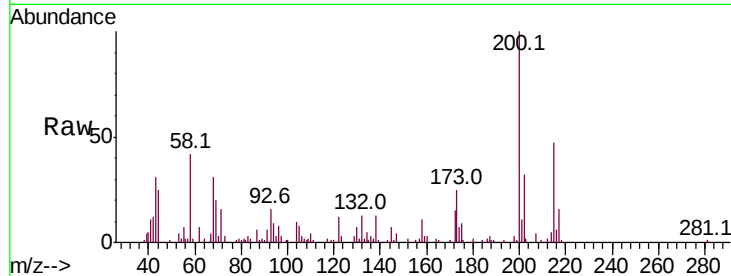
#69
Atrazine
Concen: 4.684 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	7.0	47.0
215	47.5	27.3	67.3

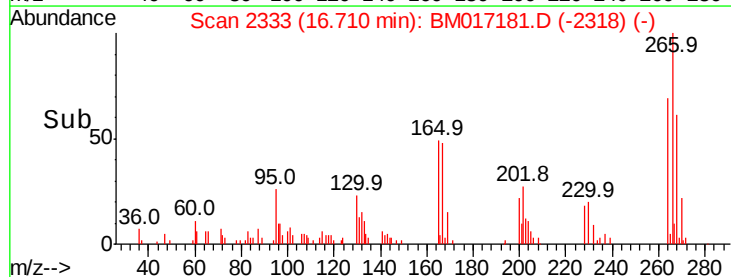
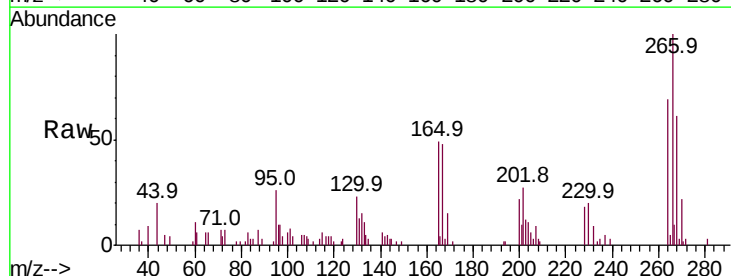
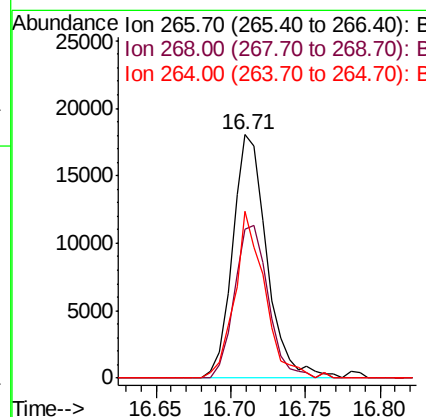
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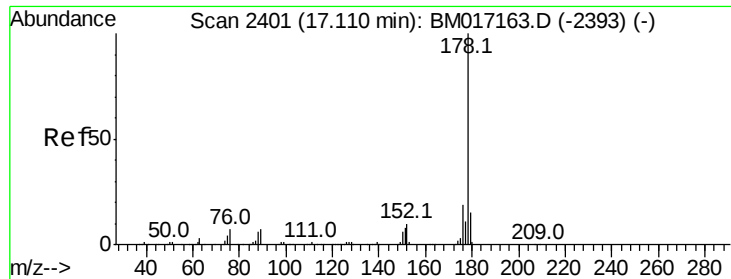
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#70
Pentachlorophenol
Concen: 3.193 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	50.7	76.1
264	68.6	50.4	75.6





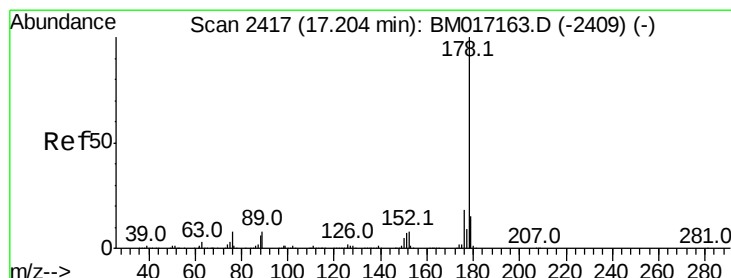
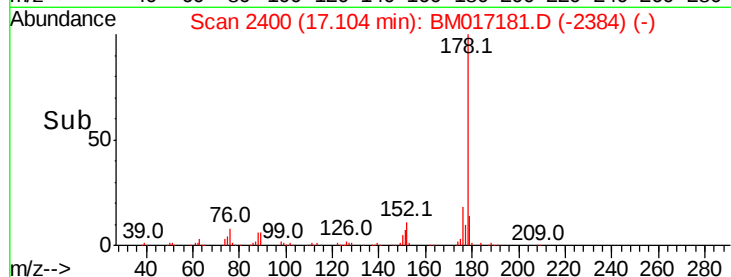
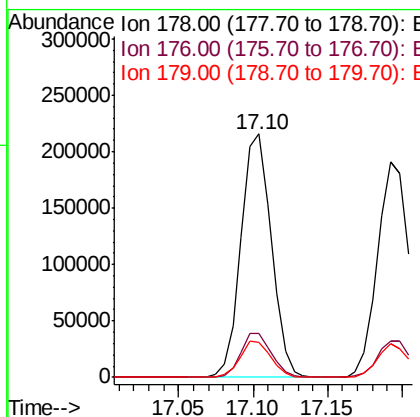
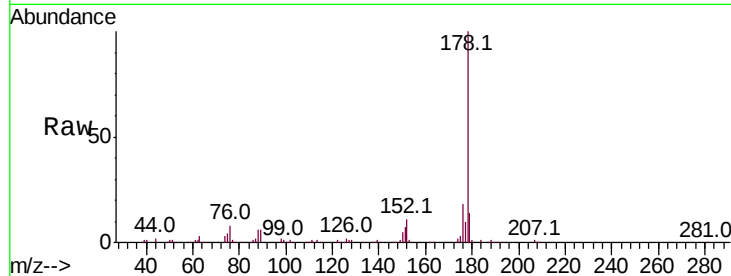
#71
Phenanthrene
Concen: 5.435 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.6
179	14.5	12.3	18.5

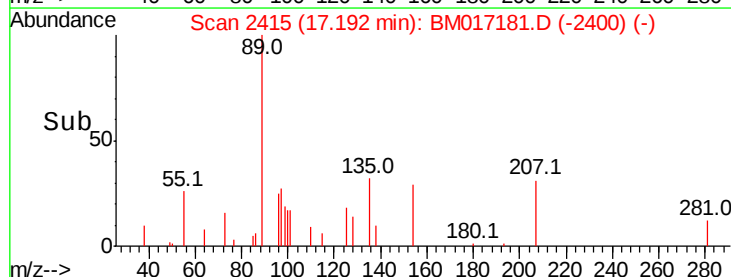
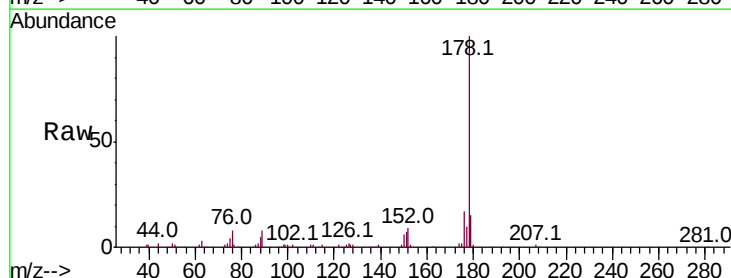
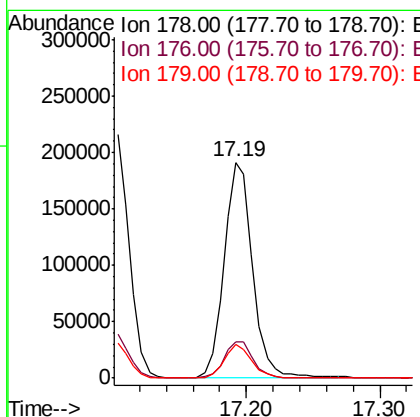
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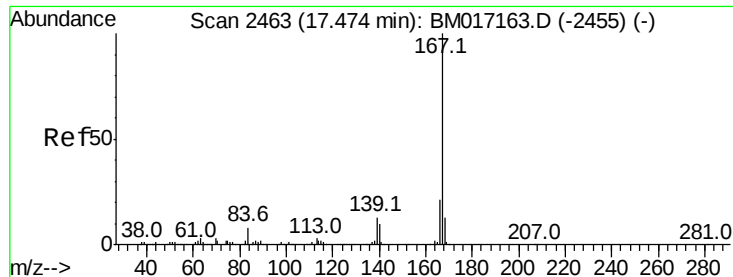
Sohil
10/18/2018 5:33:37 PM



#72
Anthracene
Concen: 5.339 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.0	14.5	21.7
179	15.5	12.2	18.2





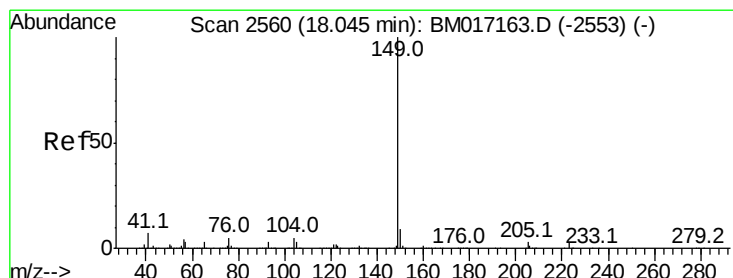
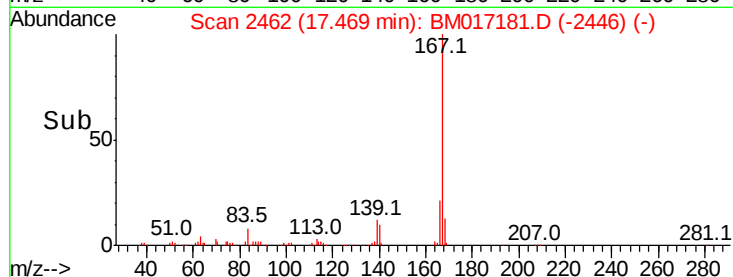
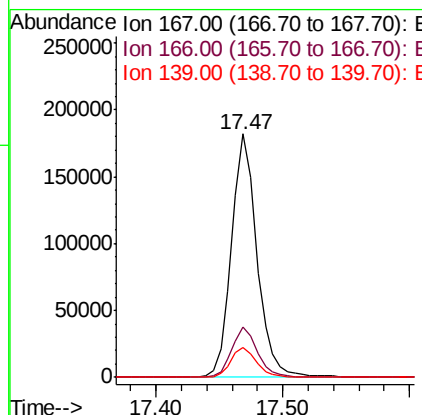
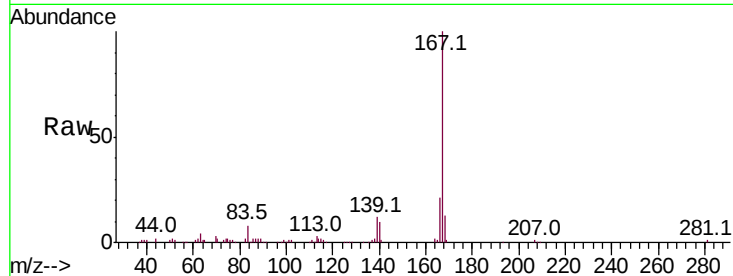
#73
 Carbazole
 Concen: 4.645 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.1	25.7
139	12.4	10.1	15.1

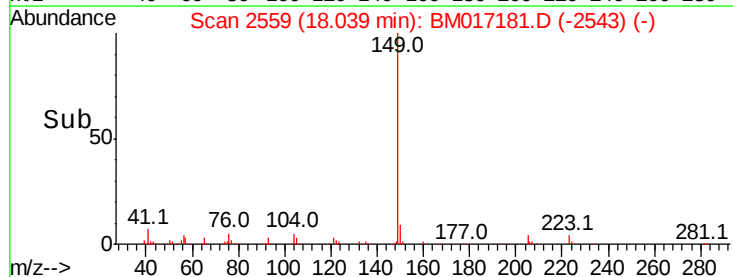
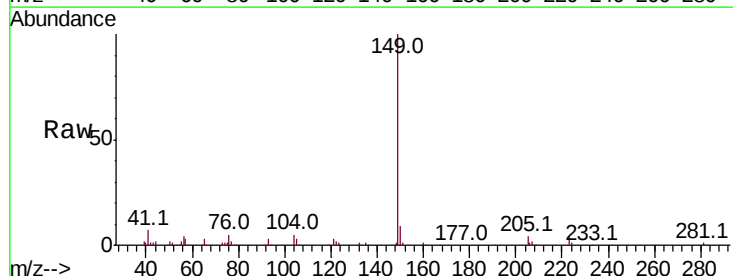
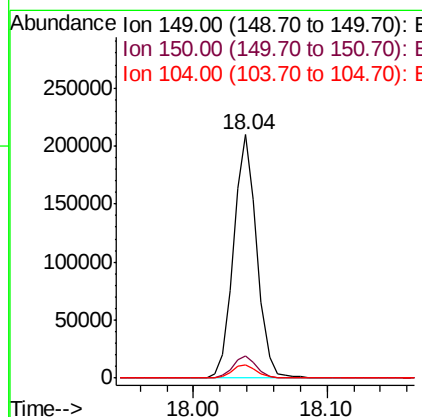
Manual Integrations
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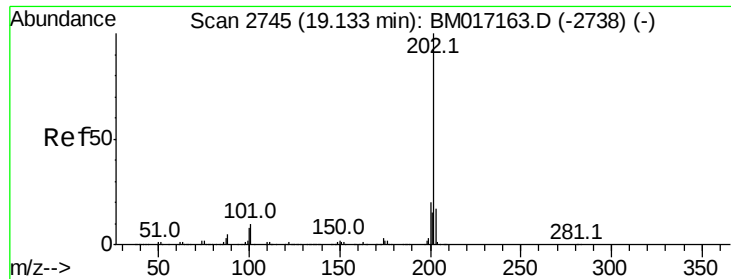
Sohil
 10/18/2018 5:33:37 PM



#74
 Di-n-butylphthalate
 Concen: 4.438 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.00 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 5.401 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

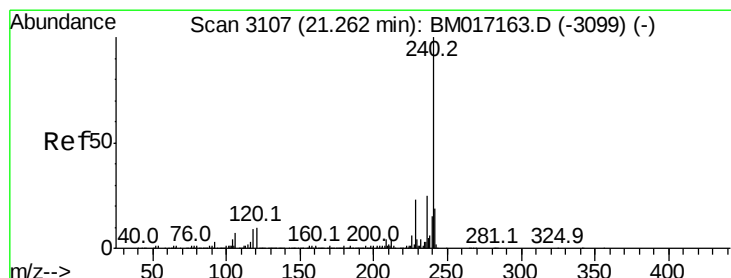
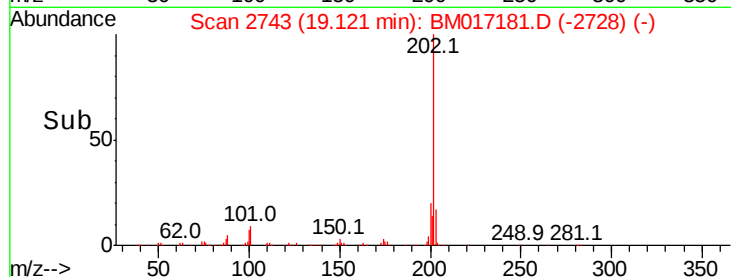
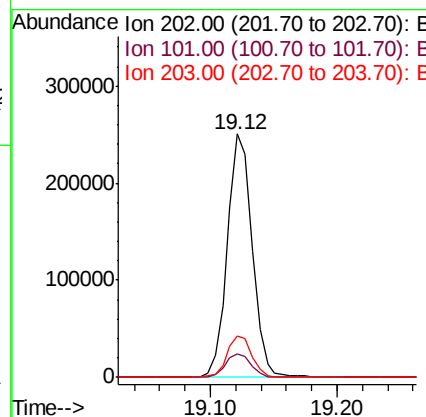
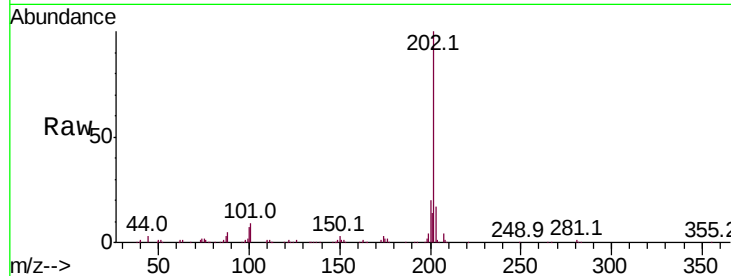
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	202	Resp:	340762
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.0
203	16.8	0.0	37.2

Manual Integrations
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Sohil
10/18/2018 5:33:37 PM



#76

Chrysene-d12

Concen: 20.000 ng

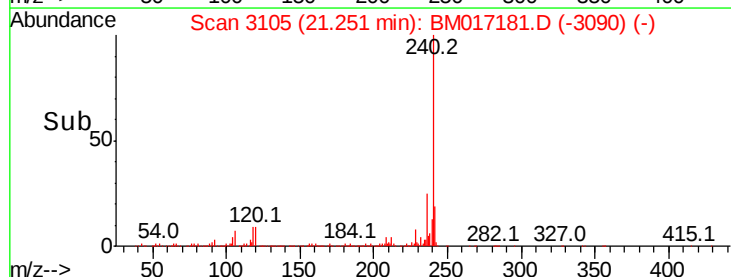
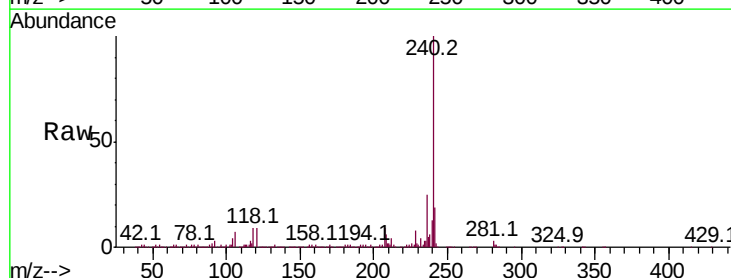
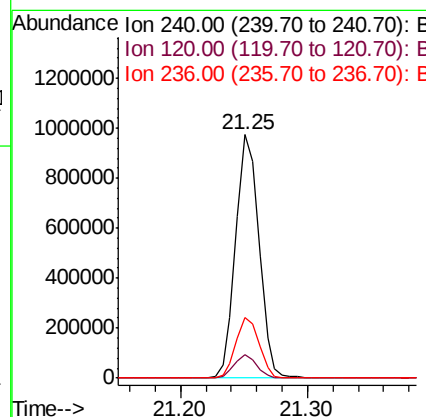
RT: 21.25 min Scan# 3105

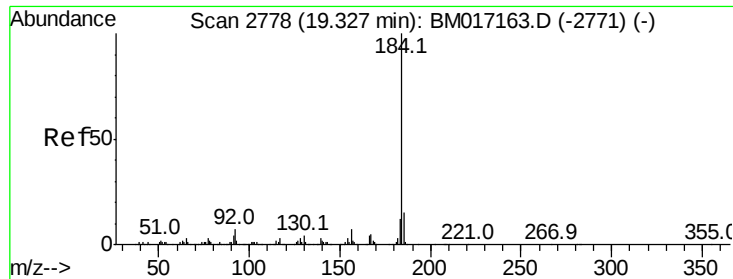
Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:	240	Resp:	1240625
Ion Ratio	Lower	Upper	
240	100		
120	9.5	8.1	12.1
236	24.9	19.9	29.9





#77

Benzidine

Concen: 2.436 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

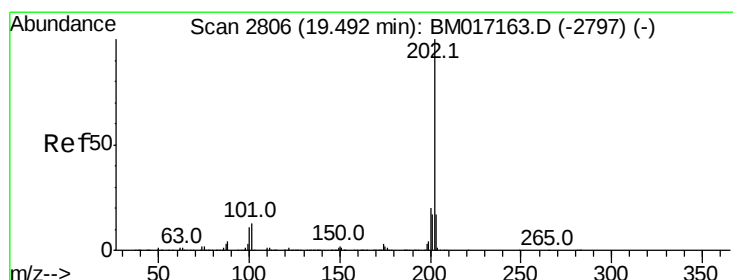
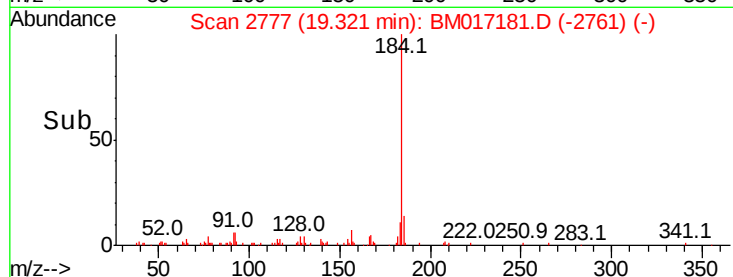
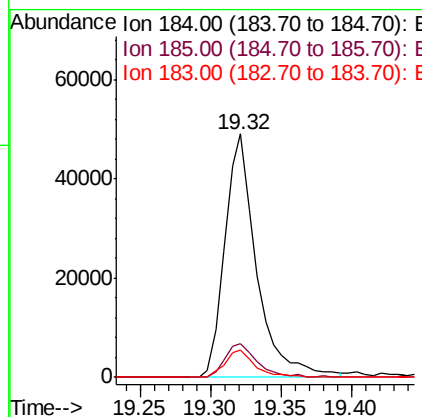
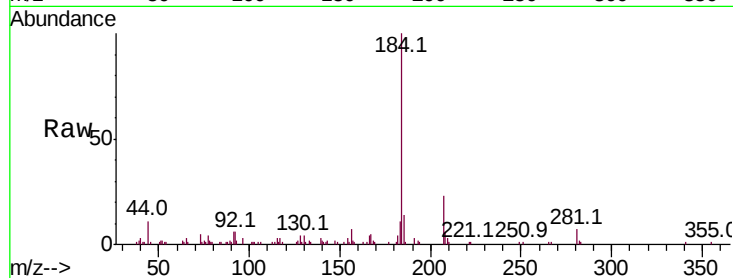
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	184	Resp:	76625
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.8	17.8
183	11.1	9.7	14.5

Manual Integrations
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Sohil
10/18/2018 5:33:37 PM



#78

Pyrene

Concen: 5.088 ng

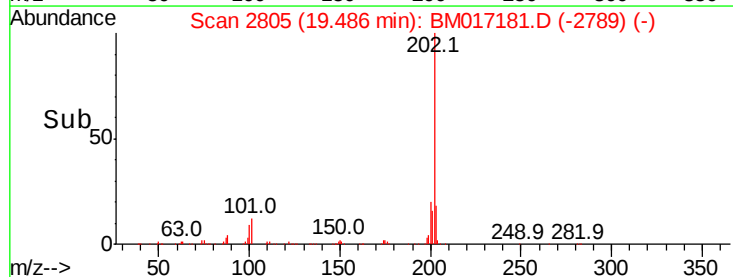
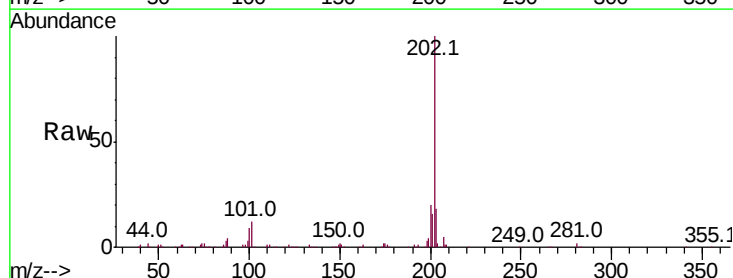
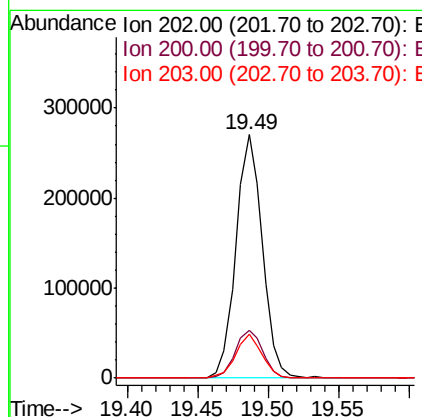
RT: 19.49 min Scan# 2805

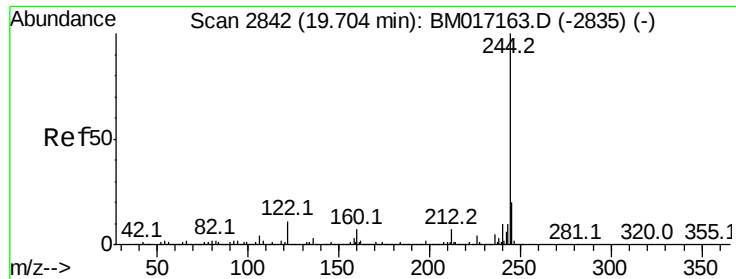
Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:	202	Resp:	352766
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.3	24.5
203	17.9	13.9	20.9





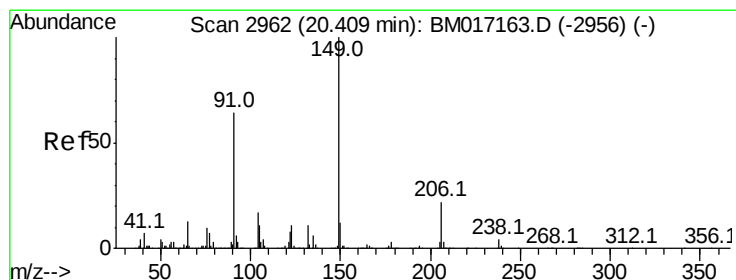
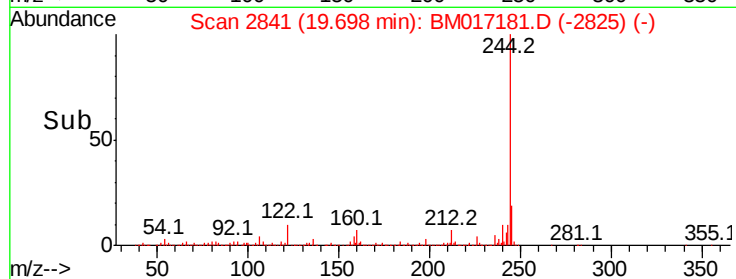
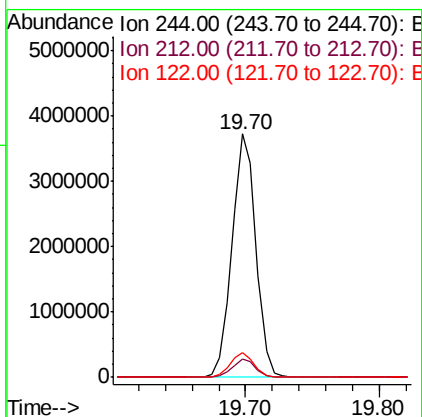
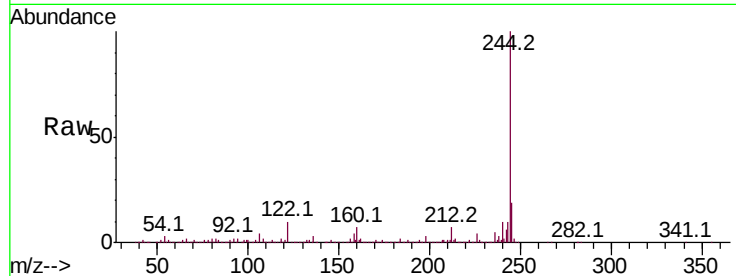
#79
 Terphenyl-d14
 Concen: 84.192 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

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

Tot Ion:244 Resp: 4633991
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 10.2 8.4 12.6

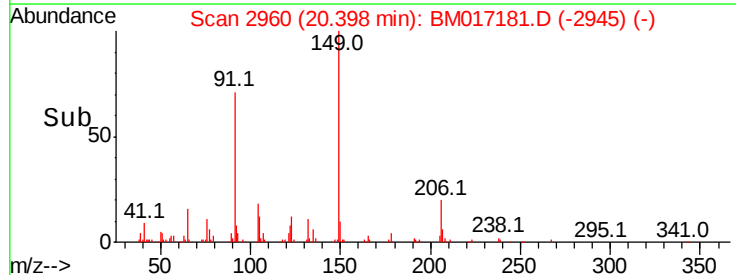
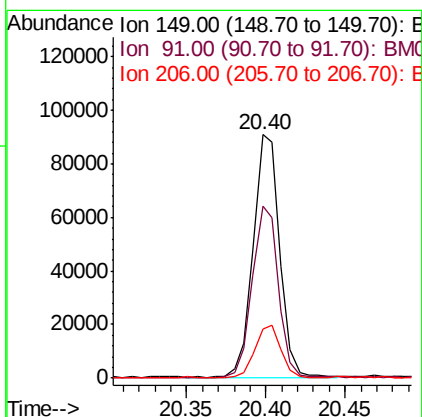
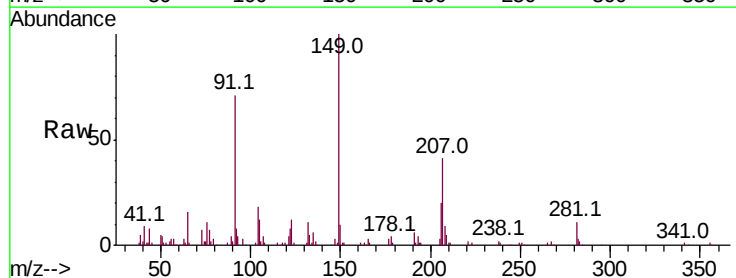
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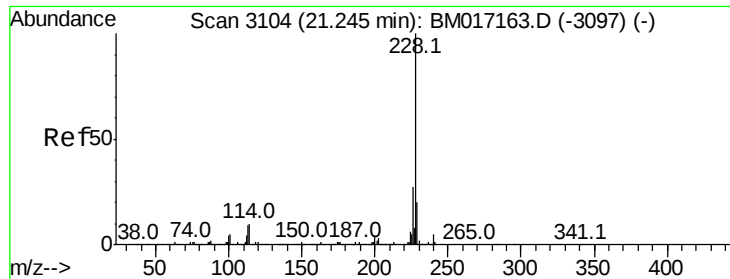
Sohil
 10/18/2018 5:33:37 PM



#80
 Butylbenzylphthalate
 Concen: 10.618 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion:149 Resp: 106776
 Ion Ratio Lower Upper
 149 100
 91 70.6 51.3 76.9
 206 20.2 18.0 27.0





#81

Benzo(a)anthracene

Concen: 5.309 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

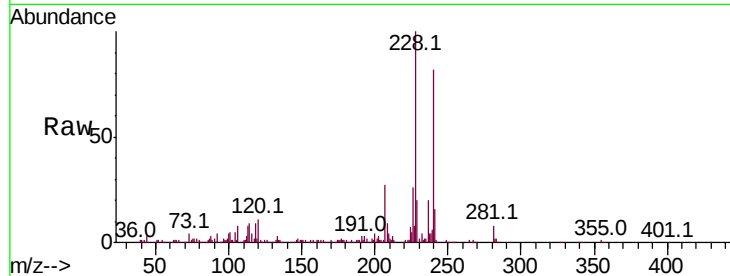
ClientSampleId :

MDL-WATER-03-QT4-2018

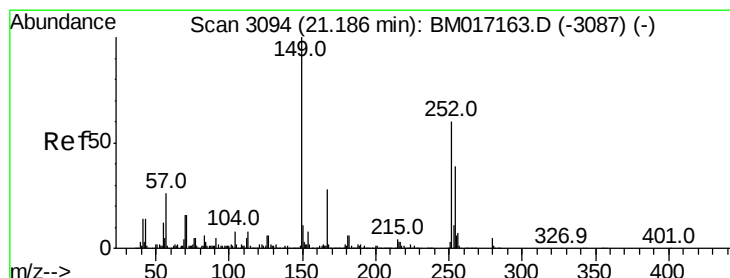
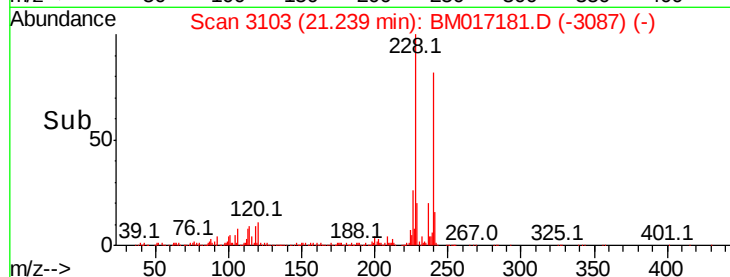
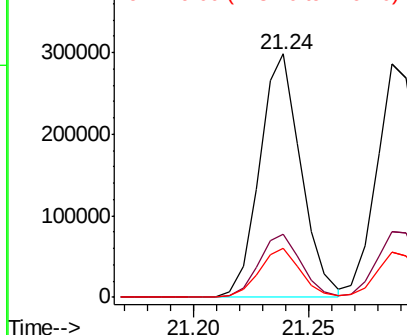
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.4	32.0
229	20.3	15.9	23.9

Manual Integrations
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10/18/2018 5:33:37 PM



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: 3.244 ng

RT: 21.18 min Scan# 3093

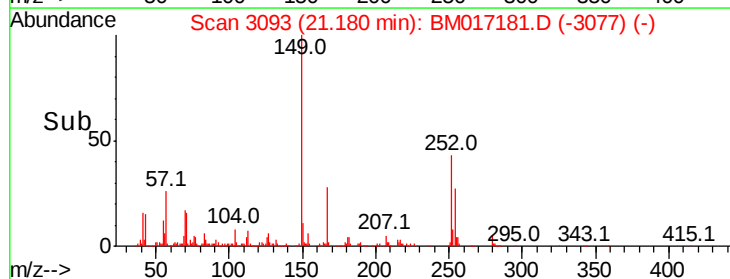
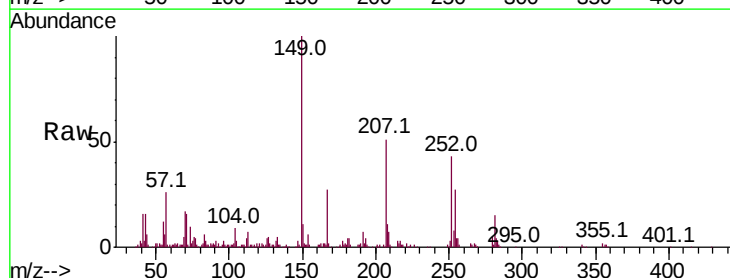
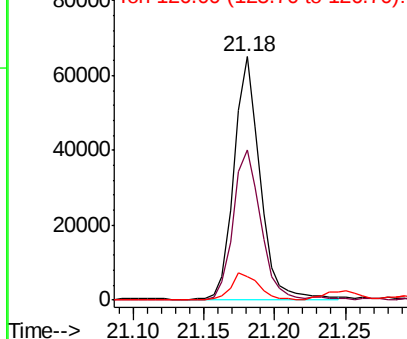
Delta R.T. -0.00 min

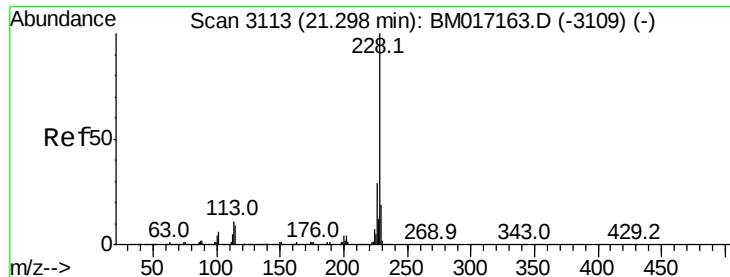
Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.5	52.1	78.1
126	9.5	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





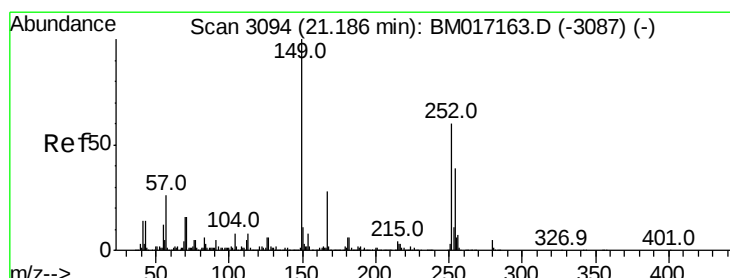
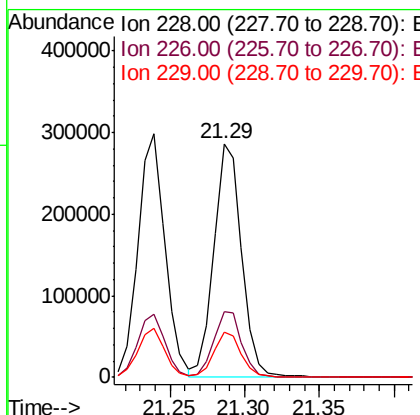
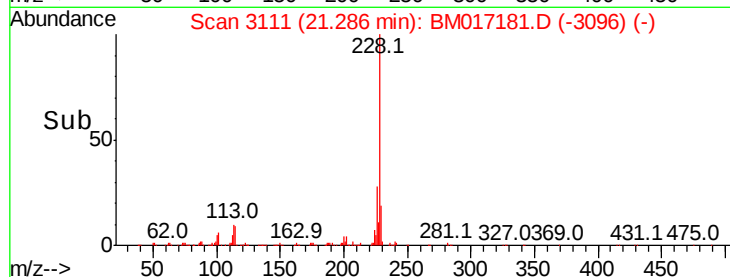
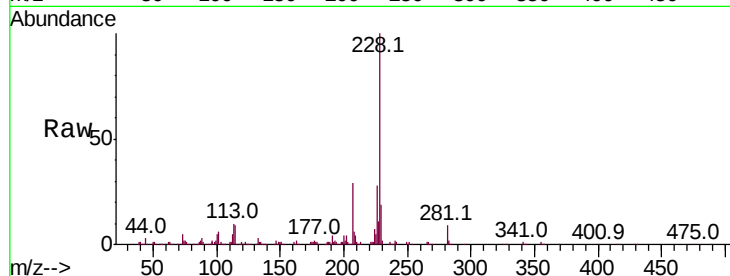
#83
 Chrvsene
 Concen: 5.381 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

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

Tot Ion:	228	Resp:	371847
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.3	34.9
229	19.2	15.6	23.4

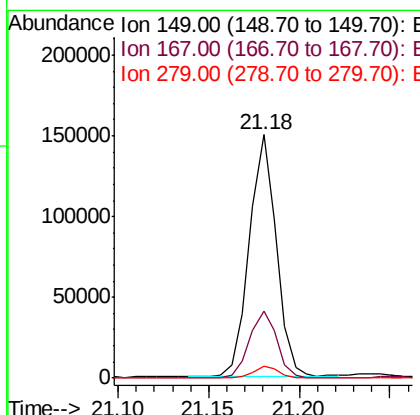
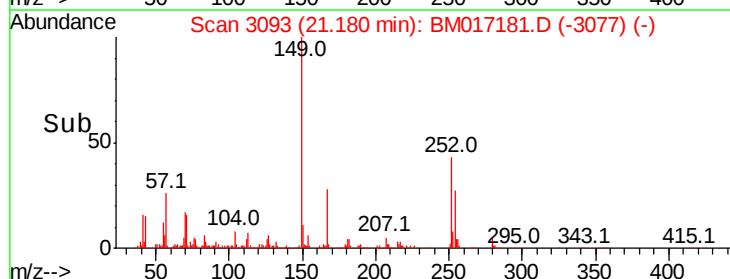
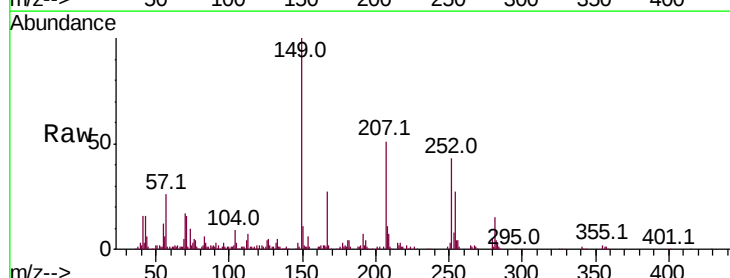
Manual Integrations
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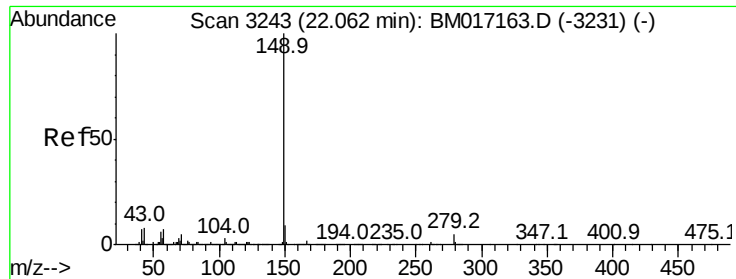
Sohil
 10/18/2018 5:33:37 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.736 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM017181.D
 Acq: 18 Oct 2018 06:45

Tgt Ion:	149	Resp:	155588
Ion Ratio	Lower	Upper	
149	100		
167	27.4	22.2	33.4
279	4.8	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 8.995 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

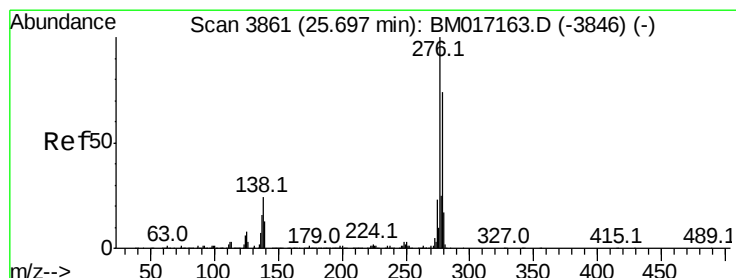
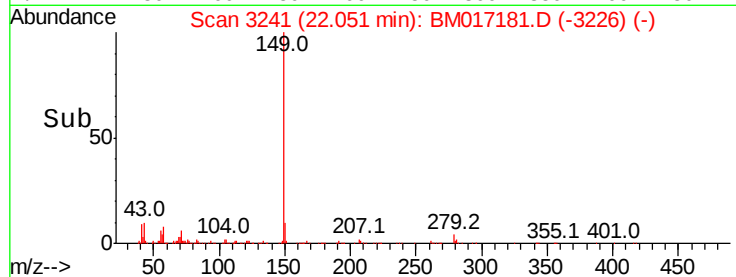
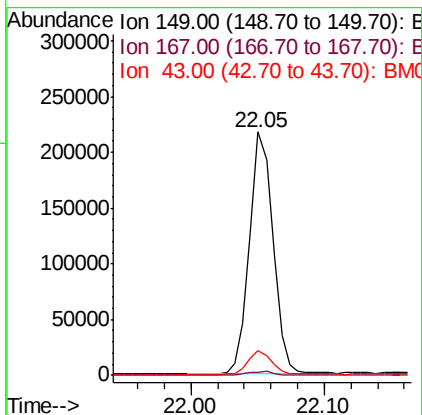
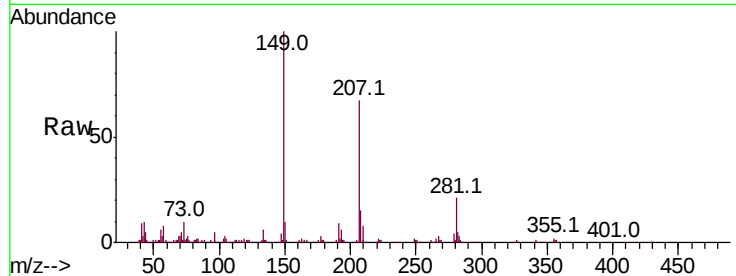
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	149	Resp:	264865
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	9.6	7.2	10.8

Manual Integrations
APPROVED

Sohil
10/18/2018 5:33:37 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 5.366 ng

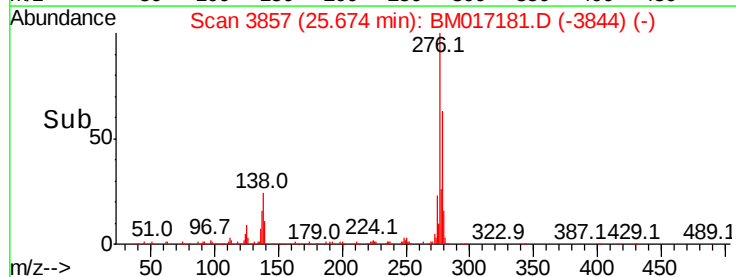
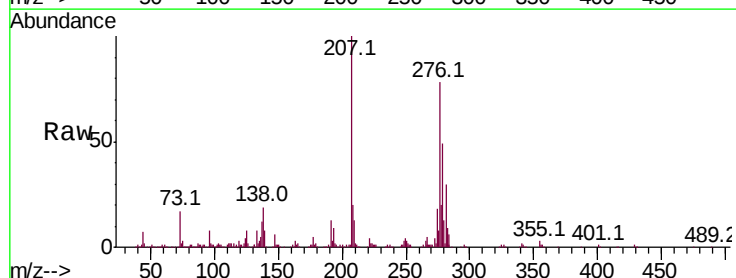
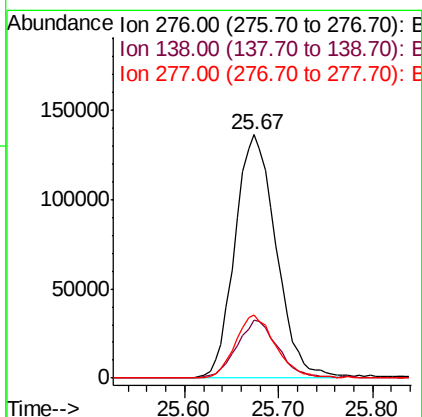
RT: 25.67 min Scan# 3857

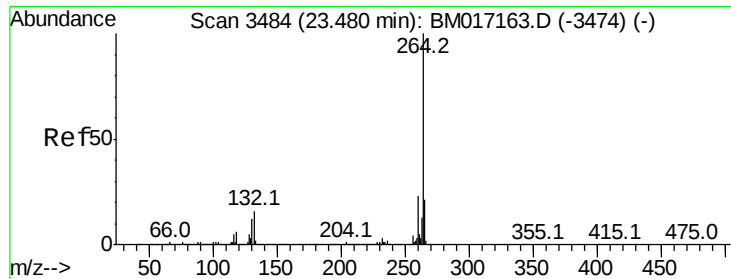
Delta R.T. -0.02 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:	276	Resp:	414753
Ion Ratio	Lower	Upper	
276	100		
138	23.8	19.5	29.3
277	25.3	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: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:264 Resp: 1266761

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.2	17.8	26.8

264 100

260 23.3 18.6 27.8

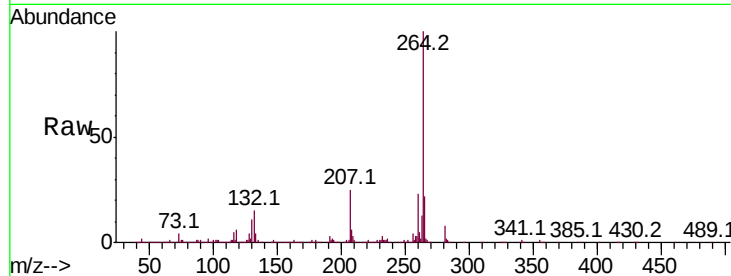
265 22.2 17.8 26.8

Manual Integrations

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Sohil

10/18/2018 5:33:37 PM

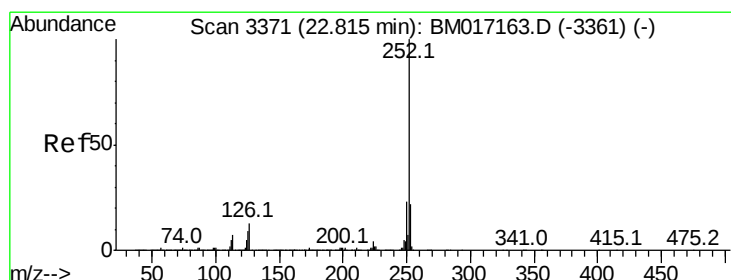
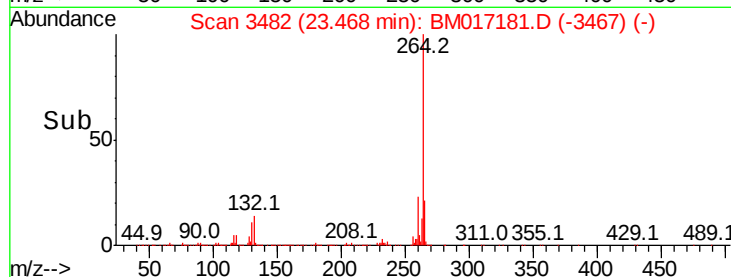
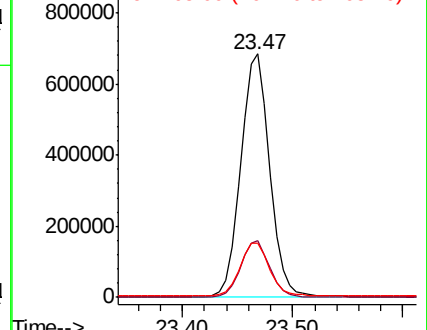


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 5.602 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

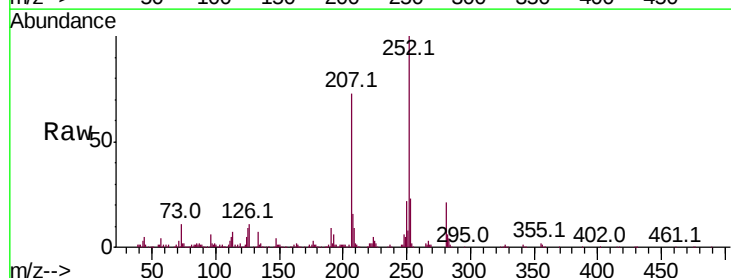
Tgt Ion:252 Resp: 387970

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	9.0	7.5	11.3

252 100

253 22.7 17.4 26.2

125 9.0 7.5 11.3

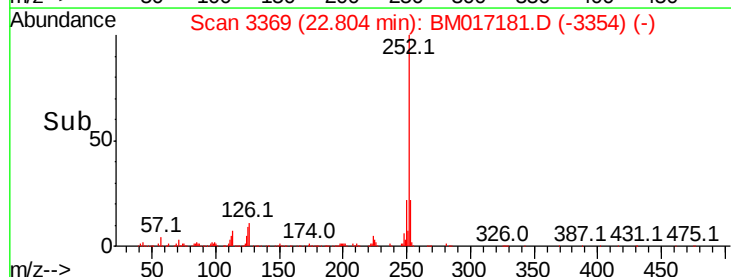
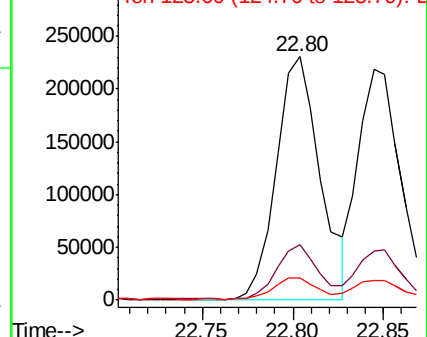


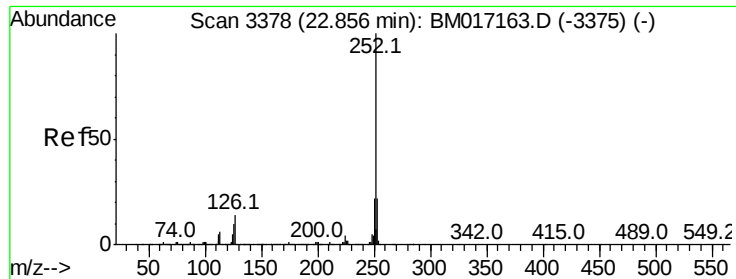
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





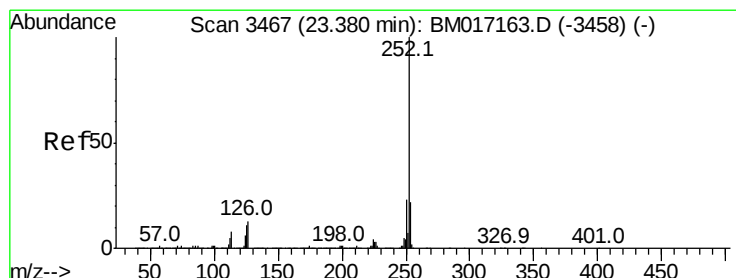
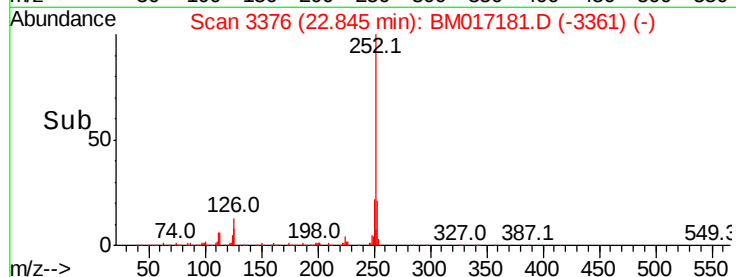
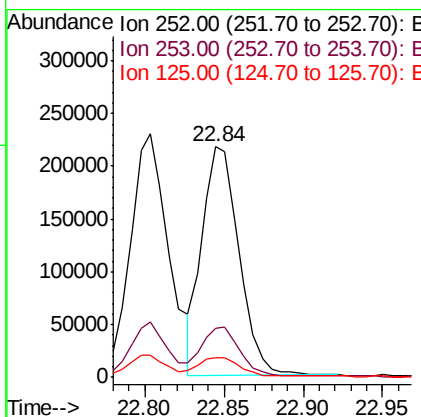
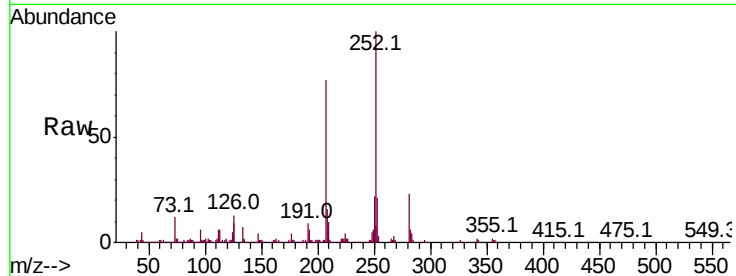
#89
Benzo(k)fluoranthene
Concen: 5.075 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	352683		
253	21.2		17.5	26.3
125	8.5		8.2	12.2

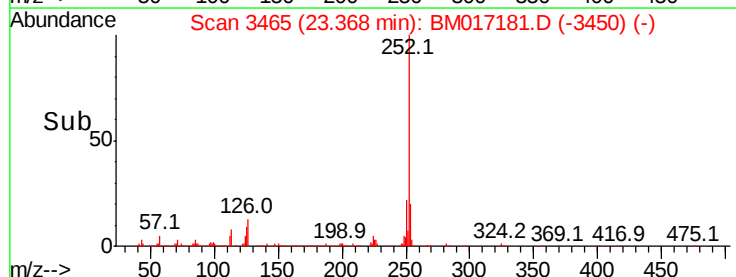
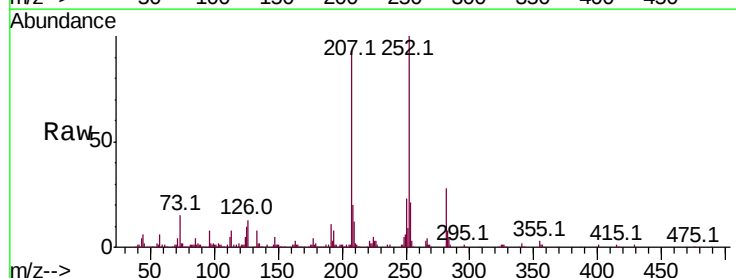
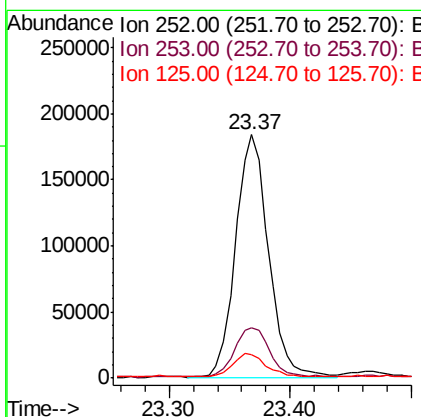
Manual Integrations
APPROVED

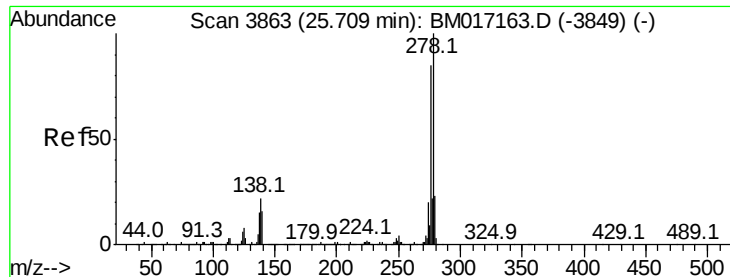
Sohil
10/18/2018 5:33:37 PM



#90
Benzo(a)pyrene
Concen: 5.311 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017181.D
Acq: 18 Oct 2018 06:45

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	349214		
253	20.9		17.4	26.0
125	9.8		8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 5.421 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Instrument :

BNA_M

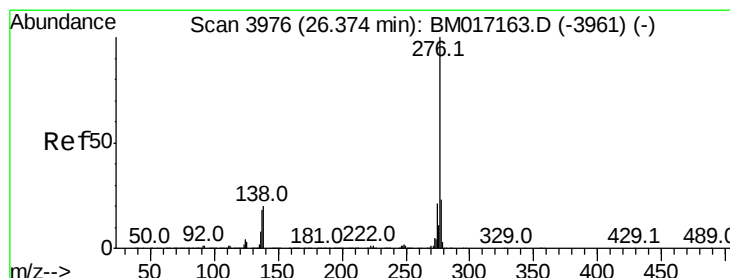
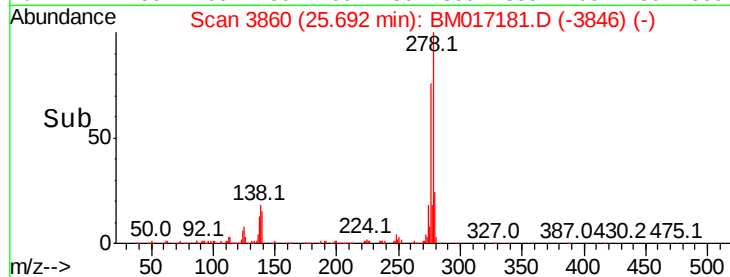
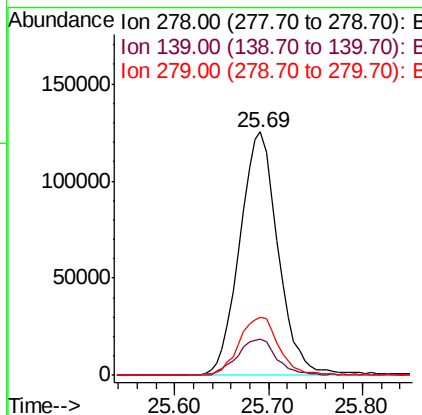
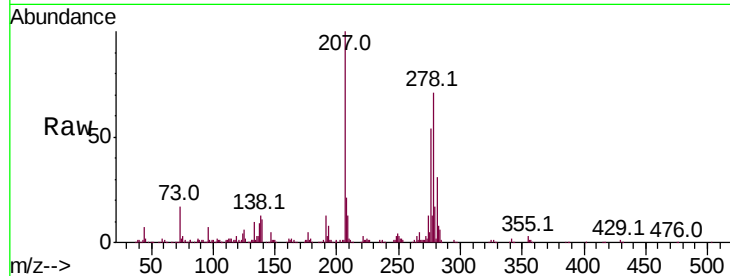
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	278	Resp:	353940
Ion Ratio	Lower	Upper	
278	100		
139	15.0	12.7	19.1
279	24.0	18.7	28.1

Manual Integrations
APPROVED

Sohil
10/18/2018 5:33:37 PM



#92

Benzo(g,h,i)perylene

Concen: 5.551 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017181.D

Acq: 18 Oct 2018 06:45

Tgt Ion:	276	Resp:	359254
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.6	28.0
138	19.4	16.4	24.6

