

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017182.D
 Acq On : 18 Oct 2018 07:21
 Operator : MJ/SJ
 Sample : J5164-09
 Misc : MDL 8 PPM
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 10/18/2018 5:33:39 PM

Quant Time: Oct 18 14:32:46 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	192806	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	808009	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	464088	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1107477	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1319105	20.00	ng	-0.01
87) Perylene-d12	23.47	264	1359123	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1653781	145.07	ng	0.00
7) Phenol-d6	6.85	99	2177856	140.27	ng	0.00
23) Nitrobenzene-d5	8.82	82	1219803	88.29	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	961885	153.26	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2917834	83.65	ng	0.00
79) Terphenyl-d14	19.70	244	4650627	79.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	39901	6.855	ng	# 84
3) Pyridine	3.65	79	102286	7.637	ng	# 82
4) n-Nitrosodimethylamine	3.56	42	45207	8.408	ng	# 71
6) Aniline	7.01	93	119574	6.157	ng	95
8) 2-Chlorophenol	7.24	128	107115	8.122	ng	98
9) Benzaldehyde	6.83	77	79526	8.033	ng	93
10) Phenol	6.88	94	133096	7.965	ng	93
11) bis(2-Chloroethyl)ether	7.11	93	98401	7.387	ng	95
12) 1,3-Dichlorobenzene	7.56	146	119107	7.748	ng	98
13) 1,4-Dichlorobenzene	7.70	146	120602	7.678	ng	98
14) 1,2-Dichlorobenzene	8.02	146	115468	7.630	ng	98
15) Benzyl Alcohol	7.92	79	87005	7.667	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	133488	7.173	ng	99
17) 2-Methylphenol	8.11	107	85184	7.942	ng	95
18) Hexachloroethane	8.73	117	40566	7.547	ng	93
19) n-Nitroso-di-n-propylamine	8.47	70	77241	7.556	ng	95
20) 3+4-Methylphenols	8.43	107	111461	7.598	ng	97
22) Acetophenone	8.49	105	156700	7.651	ng	# 98
24) Nitrobenzene	8.86	77	125809	8.609	ng	93
25) Isophorone	9.39	82	197756	8.668	ng	96
26) 2-Nitrophenol	9.57	139	45076	11.511	ng	95
27) 2,4-Dimethylphenol	9.63	122	92745	9.194	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	131181	8.170	ng	98
29) 2,4-Dichlorophenol	10.10	162	89511	7.642	ng	97
30) 1,2,4-Trichlorobenzene	10.31	180	110880	7.892	ng	95
31) Naphthalene	10.49	128	332518	8.398	ng	99
32) Benzoic acid	9.71	122	44818m	5.954	ng	
33) 4-Chloroaniline	10.62	127	95492	5.584	ng	95
34) Hexachlorobutadiene	10.77	225	67563	7.589	ng	99
35) Caprolactam	11.39	113	25212	5.907	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	101983	7.725	ng	96
37) 2-Methylnaphthalene	12.11	142	243161	8.974	ng	97
38) 1-Methylnaphthalene	12.33	142	228894	8.679	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	126522	7.741	ng	99

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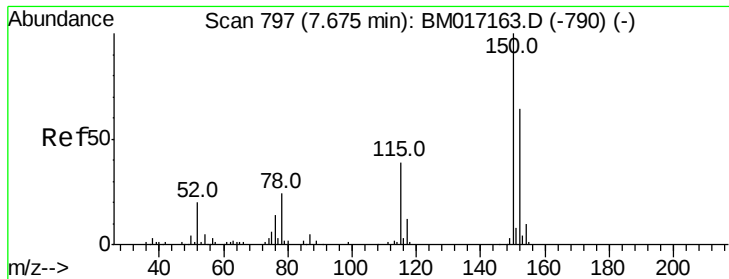
Manual Integrations
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Quant Time: Oct 18 14:32:46 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	76146	9.637	nq	97
43) 2,4,6-Trichlorophenol	12.73	196	74681	7.872	nq	96
44) 2,4,5-Trichlorophenol	12.80	196	81142	7.976	nq	96
46) 1,1'-Biphenyl	13.14	154	312630	7.486	nq	99
47) 2-Chloronaphthalene	13.18	162	238970	7.778	nq	98
48) 2-Nitroaniline	13.39	65	56967	11.473	nq	98
49) Acenaphthylene	14.03	152	378475	8.499	nq	100
50) Dimethylphthalate	13.77	163	303204	8.468	nq	100
51) 2,6-Dinitrotoluene	13.89	165	57702	7.322	nq #	85
52) Acenaphthene	14.37	154	230671	8.249	nq	95
53) 3-Nitroaniline	14.23	138	45032	5.276	nq #	89
54) 2,4-Dinitrophenol	14.43	184	25613	13.197	nq	93
55) Dibenzofuran	14.71	168	375384	8.073	nq	98
56) 4-Nitrophenol	14.54	139	45401	10.209	nq	95
57) 2,4-Dinitrotoluene	14.69	165	75869	7.163	nq	88
58) Fluorene	15.36	166	295202	8.577	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.94	232	77403	8.346	nq	97
60) Diethylphthalate	15.15	149	297478	8.378	nq	100
61) 4-Chlorophenyl-phenylether	15.36	204	156103	7.956	nq	97
62) 4-Nitroaniline	15.39	138	58138	10.254	nq	91
63) Azobenzene	15.66	77	267786	7.759	nq	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	39122	11.701	nq	98
66) n-Nitrosodiphenylamine	15.58	169	259673	7.750	nq	98
67) 4-Bromophenyl-phenylether	16.26	248	94677	7.786	nq	93
68) Hexachlorobenzene	16.36	284	109005	7.717	nq	97
69) Atrazine	16.53	200	90788	7.571	nq	98
70) Pentachlorophenol	16.72	266	51752	5.348	nq	98
71) Phenanthrene	17.10	178	500506	8.376	nq	98
72) Anthracene	17.19	178	484528	8.534	nq	99
73) Carbazole	17.47	167	428983	7.397	nq	98
74) Di-n-butylphthalate	18.04	149	449997	7.357	nq	99
75) Fluoranthene	19.12	202	586664	8.725	nq	99
77) Benzidine	19.32	184	141282	4.224	nq	99
78) Pyrene	19.49	202	598663	8.120	nq	99
80) Butylbenzylphthalate	20.40	149	188663	12.895	nq	91
81) Benzo(a)anthracene	21.24	228	626054	8.434	nq	99
82) 3,3'-Dichlorobenzidine	21.18	252	144753	5.232	nq	100
83) Chrysene	21.29	228	615771	8.381	nq	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	288099	11.278	nq	99
85) Di-n-octyl phthalate	22.06	149	486778	11.489	nq	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	699250	8.509	nq	98
88) Benzo(b)fluoranthene	22.80	252	646788	8.704	nq	99
89) Benzo(k)fluoranthene	22.84	252	598778	8.031	nq	99
90) Benzo(a)pyrene	23.37	252	595587	8.442	nq	99
91) Dibenzo(a,h)anthracene	25.69	278	592889	8.463	nq	99
92) Benzo(g,h,i)perylene	26.35	276	587632	8.463	nq	99

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



#1

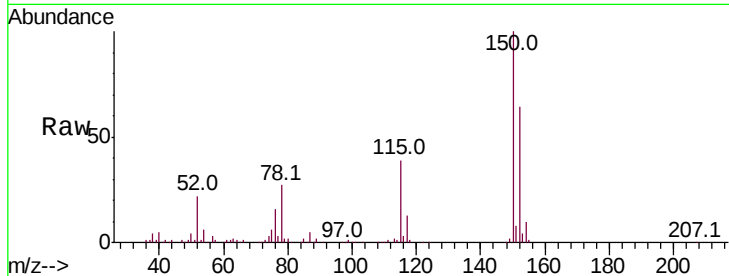
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.3	186.5
115	60.4	48.1	72.1

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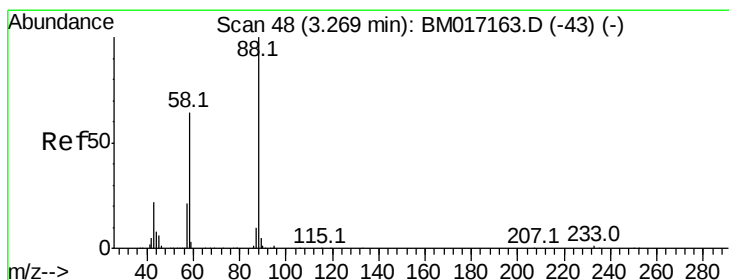
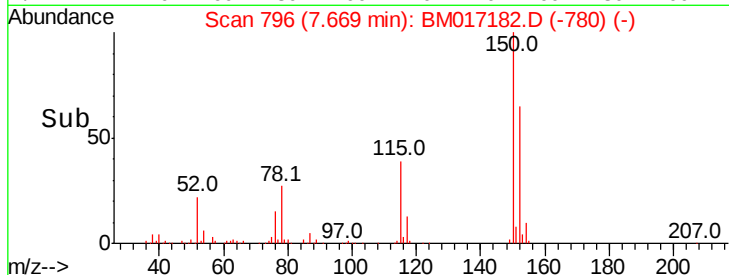
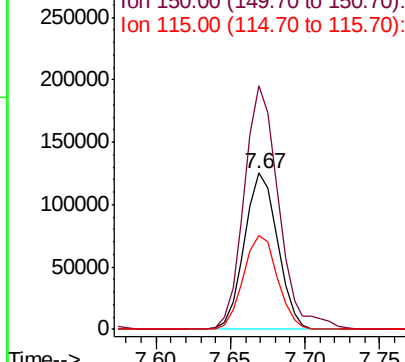


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

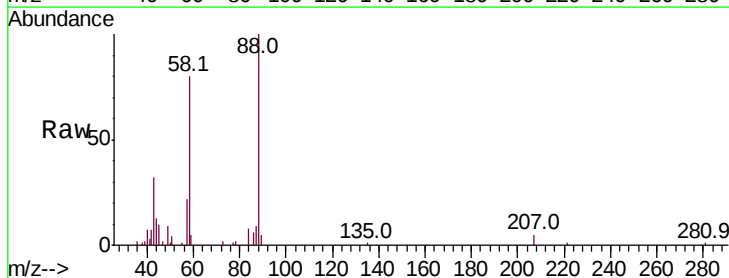
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 6.855 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	50.2	75.4#
43	29.5	19.3	28.9#

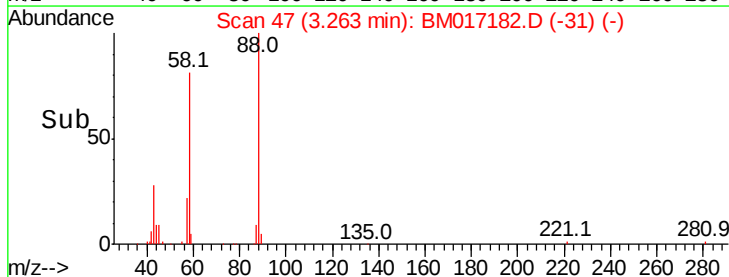
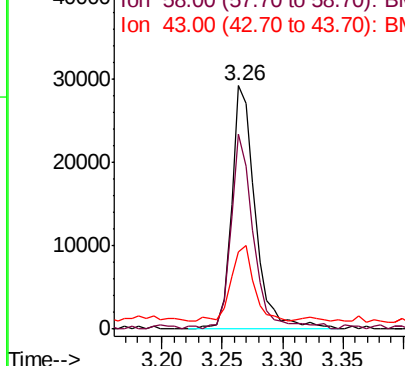


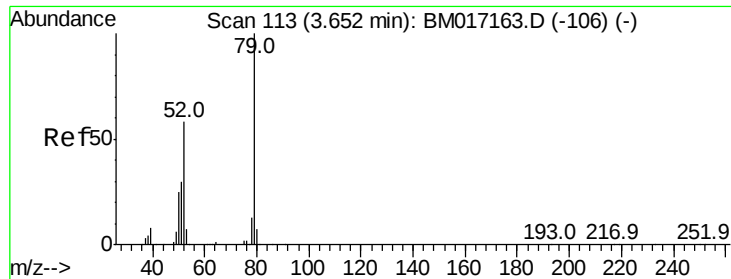
Abundance

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

Pvridine

Concen: 7.637 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

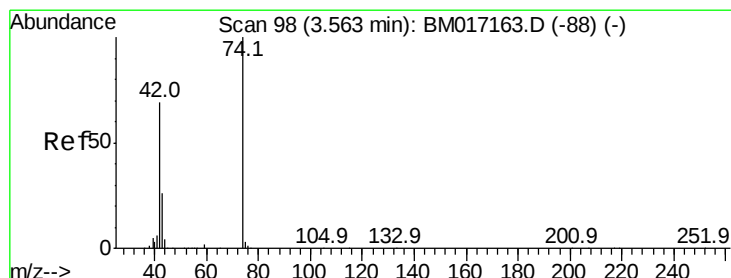
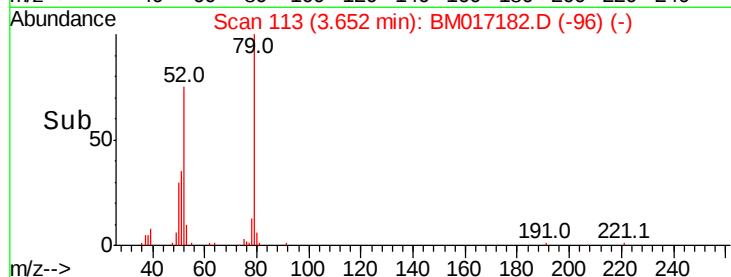
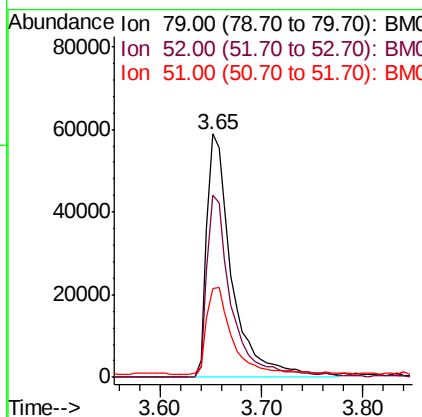
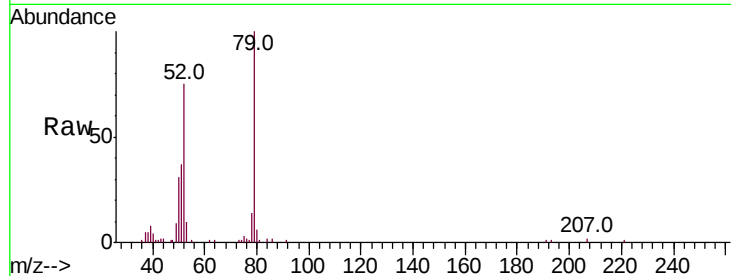
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	79	Resp:	102286
Ion Ratio	Lower	Upper	
79	100		
52	75.0	46.5	69.7#
51	36.5	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 8.408 ng

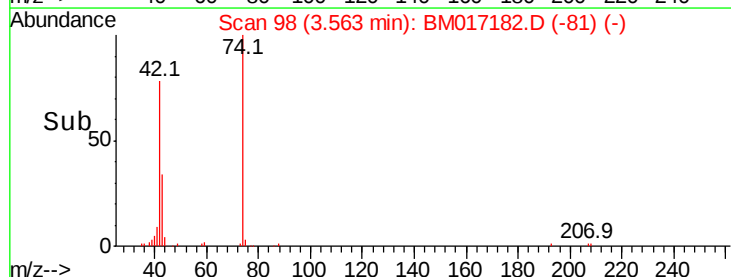
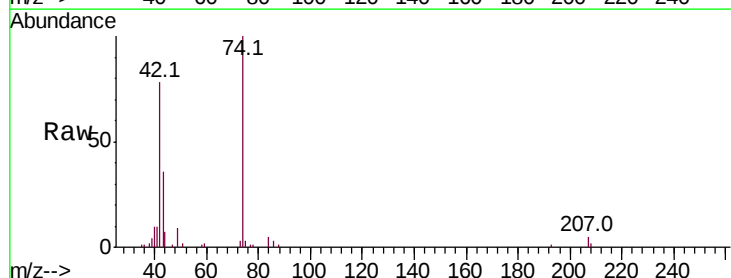
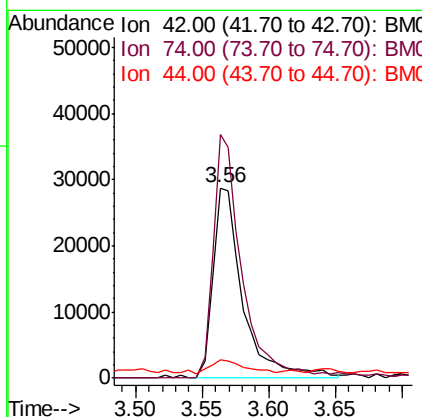
RT: 3.56 min Scan# 98

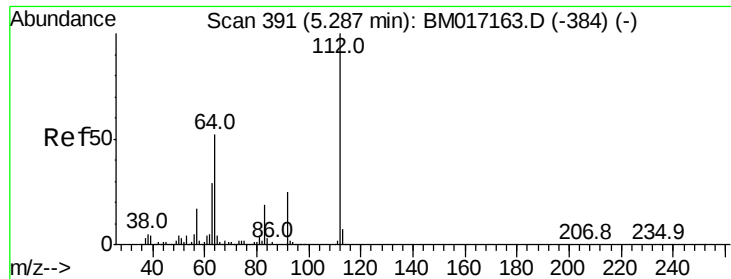
Delta R.T. 0.00 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:	42	Resp:	45207
Ion Ratio	Lower	Upper	
42	100		
74	127.9	114.4	171.6
44	9.4	48.6	73.0#





#5

2-Fluorophenol

Concen: 145.073 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

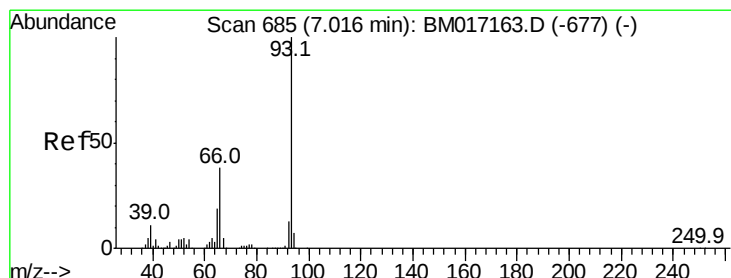
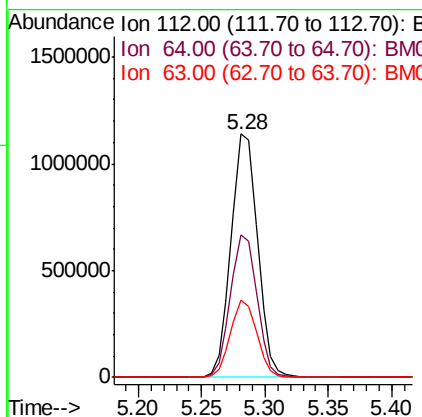
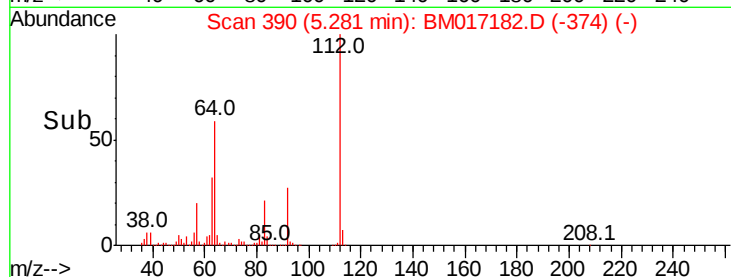
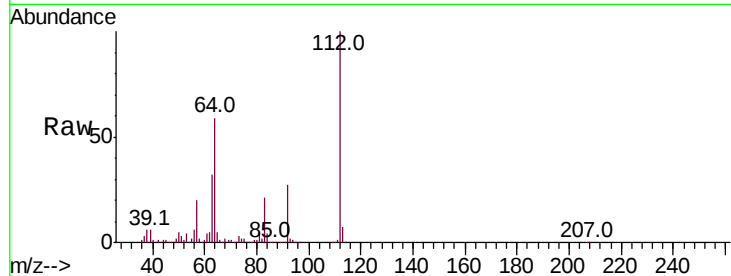
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	112	Resp:	1653781
Ion	Ratio	Lower	Upper
112	100		
64	58.7	41.7	62.5
63	31.7	23.0	34.4

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#6

Aniline

Concen: 6.157 ng

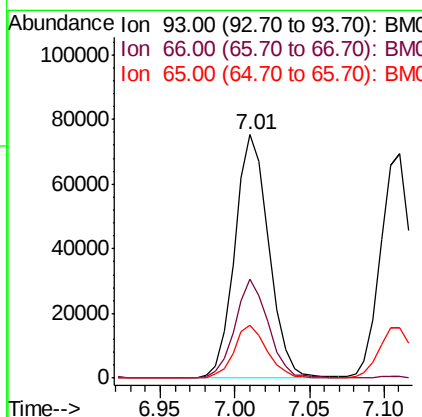
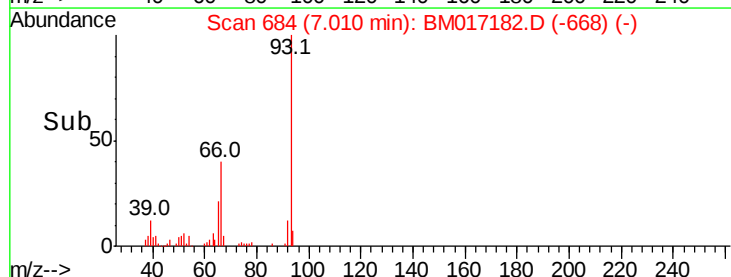
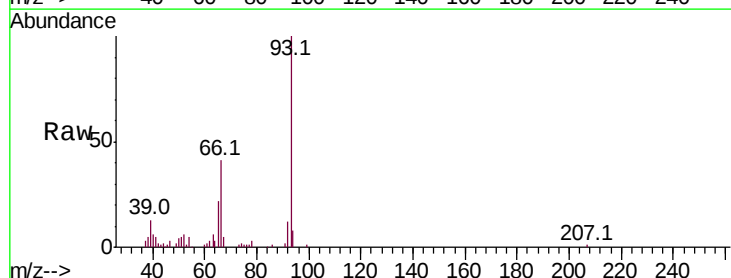
RT: 7.01 min Scan# 684

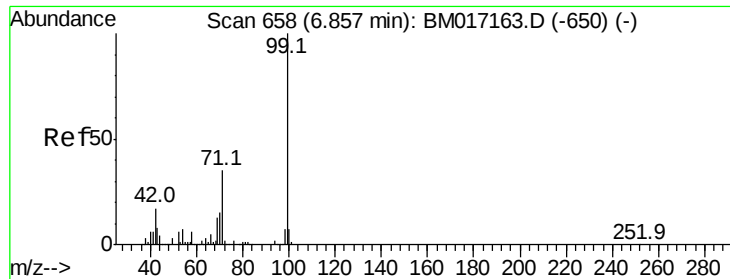
Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:	93	Resp:	119574
Ion	Ratio	Lower	Upper
93	100		
66	40.8	30.4	45.6
65	21.9	15.3	22.9





#7

Phenol-d6

Concen: 140.275 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion: 99 Resp: 2177856

Ion Ratio Lower Upper

99 100

42 18.4 13.3 19.9

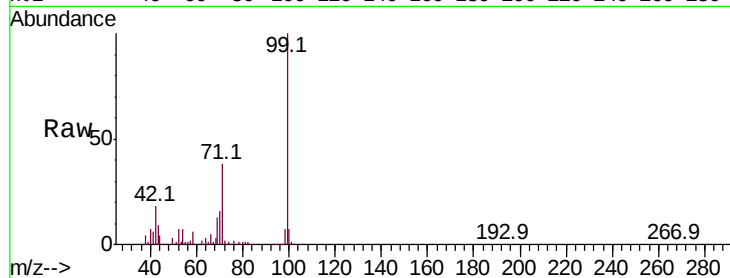
71 38.0 28.0 42.0

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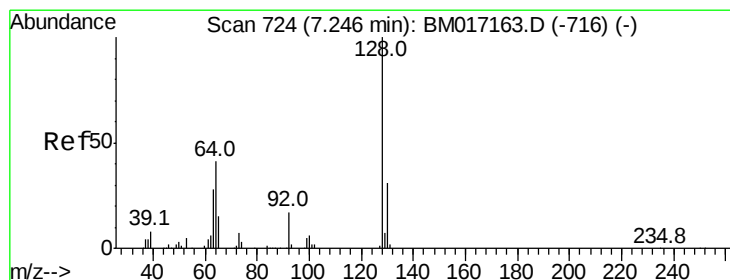
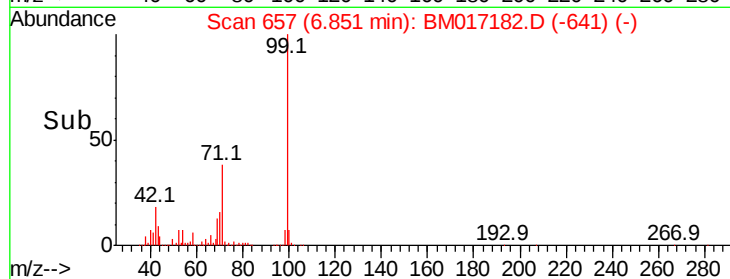
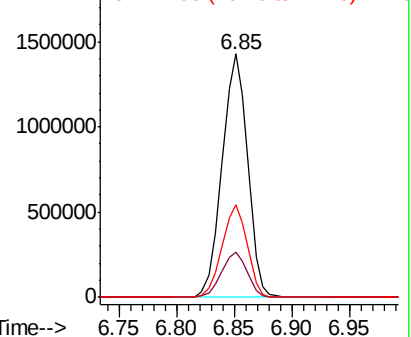
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Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

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

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



#8

2-Chlorophenol

Concen: 8.122 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

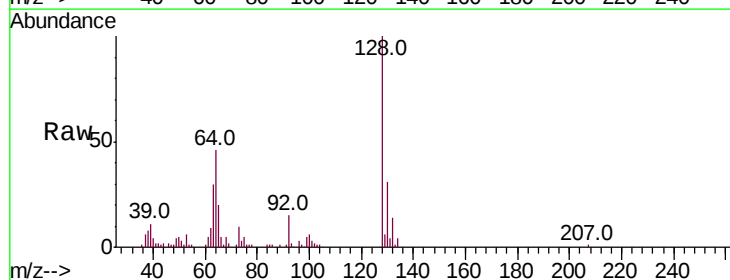
Tgt Ion: 128 Resp: 107115

Ion Ratio Lower Upper

128 100

130 31.0 11.0 51.0

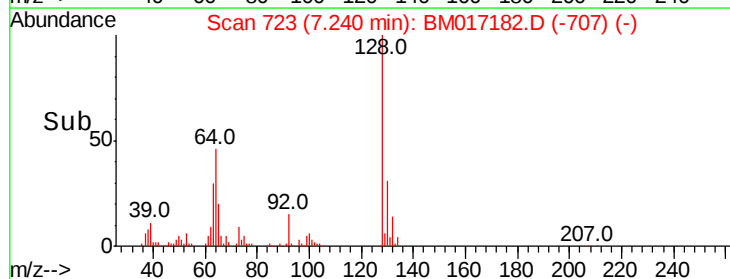
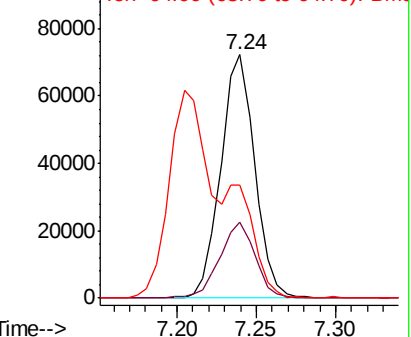
64 46.3 24.1 64.1

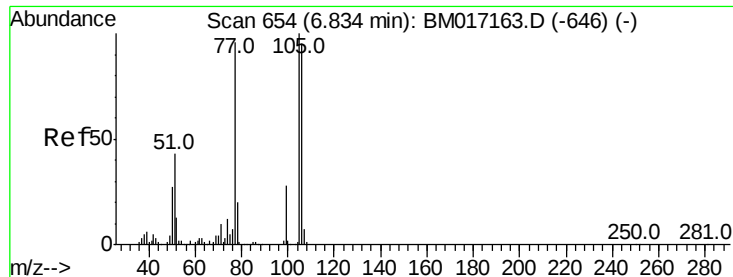


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

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

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





#9

Benzaldehyde

Concen: 8.033 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

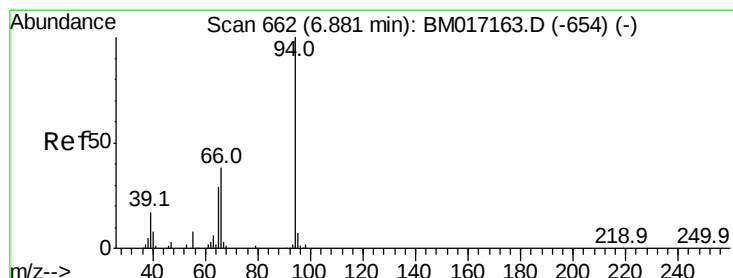
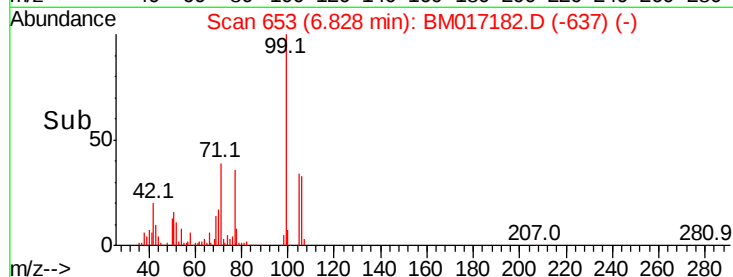
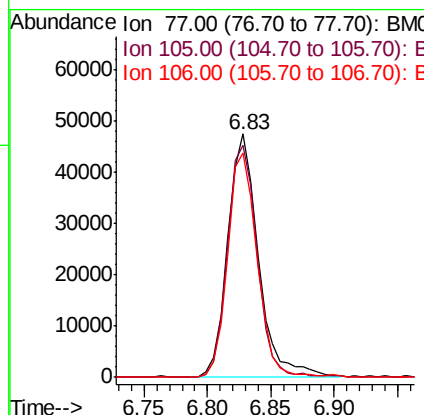
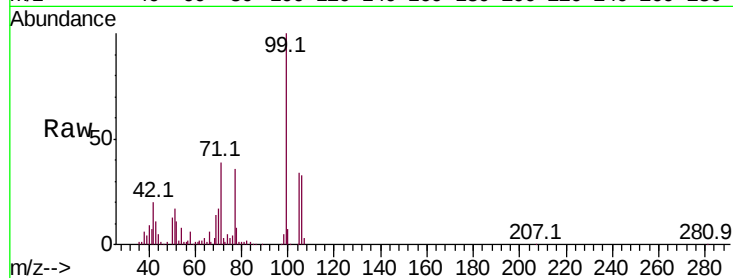
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	77	Resp:	79526
Ion	Ratio	Lower	Upper
77	100		
105	95.5	83.9	123.9
106	92.2	78.2	118.2

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#10

Phenol

Concen: 7.965 ng

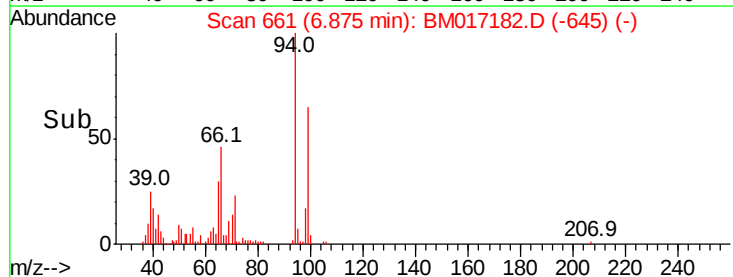
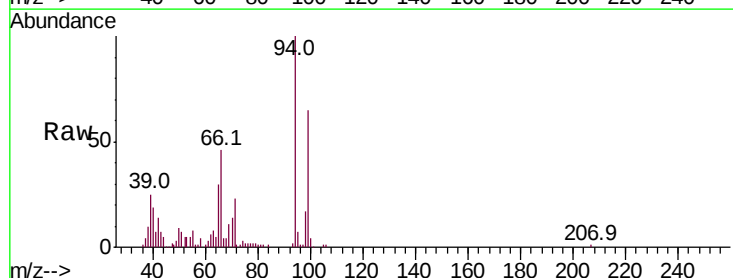
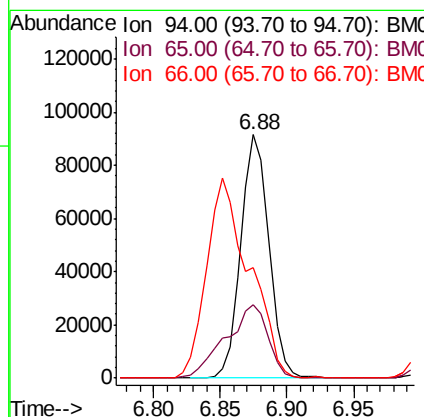
RT: 6.88 min Scan# 661

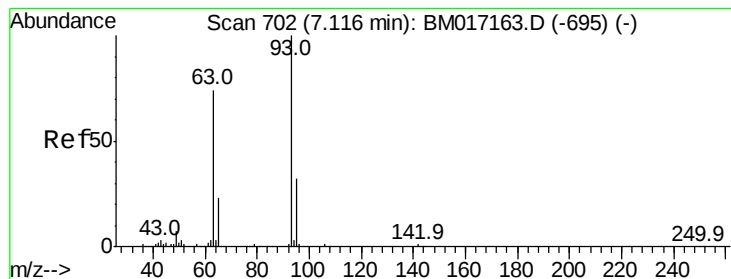
Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:	94	Resp:	133096
Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.4	49.4
66	45.6	19.0	59.0





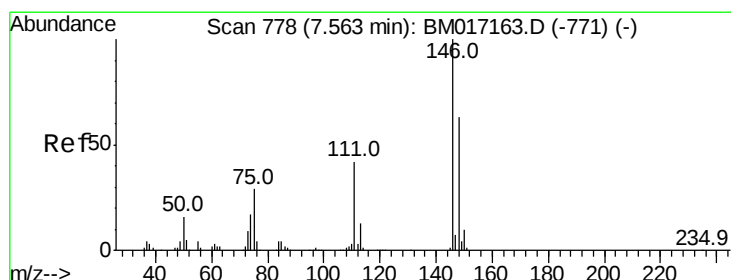
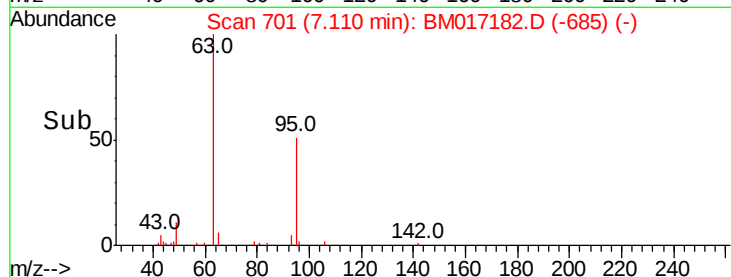
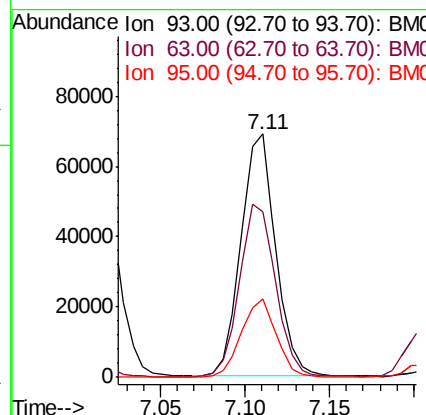
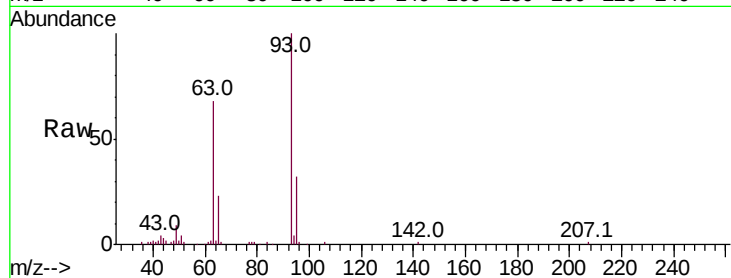
#11
bis(2-Chloroethyl)ether
Concen: 7.387 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.7	54.0	94.0
95	32.0	11.8	51.8

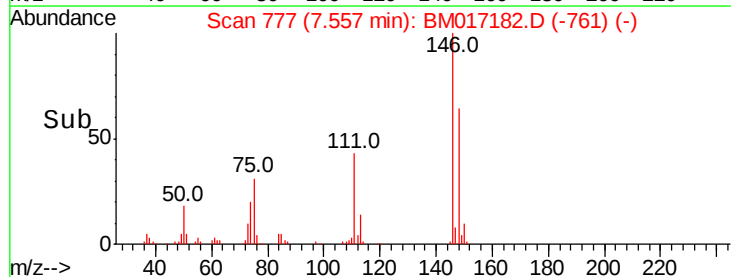
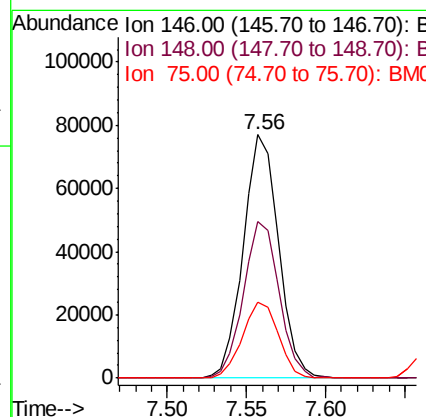
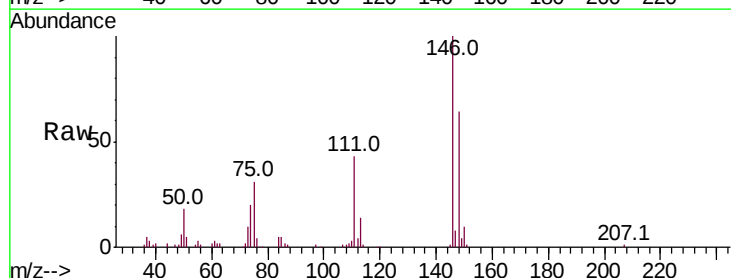
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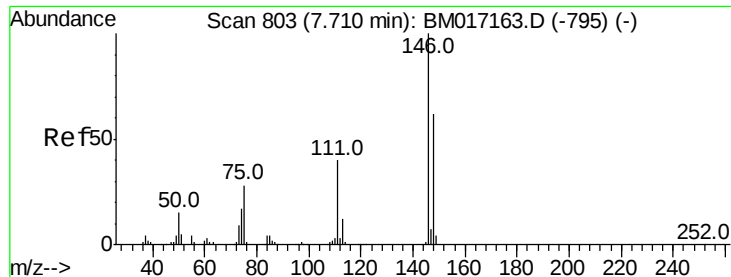
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#12
1,3-Dichlorobenzene
Concen: 7.748 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.2	75.4
75	31.2	23.3	34.9





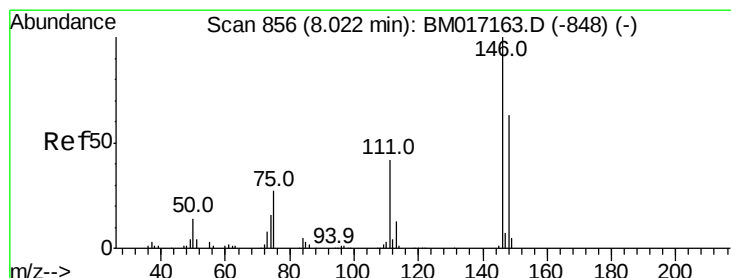
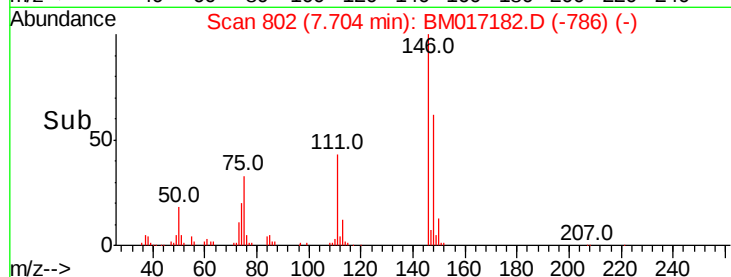
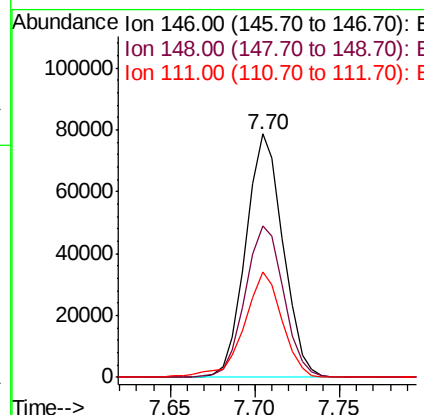
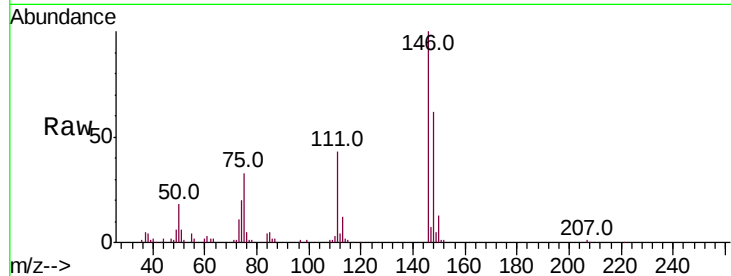
#13
1,4-Dichlorobenzene
Concen: 7.678 ng
RT: 7.70 min Scan# 802
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.8	74.6
111	43.3	32.1	48.1

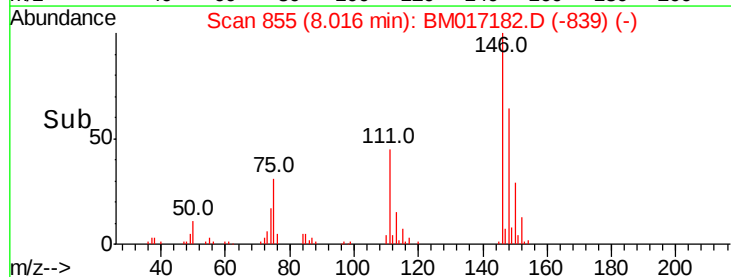
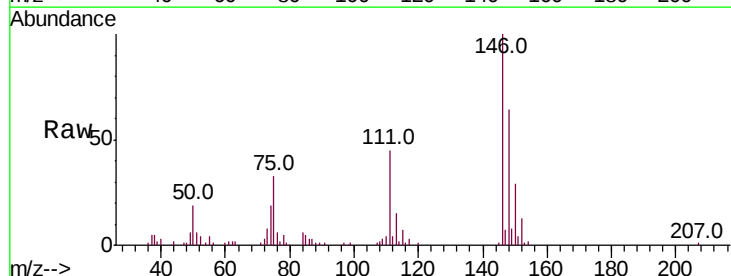
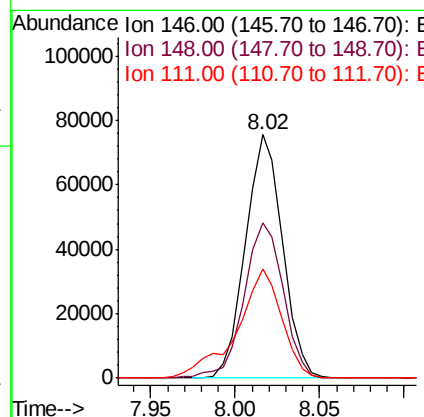
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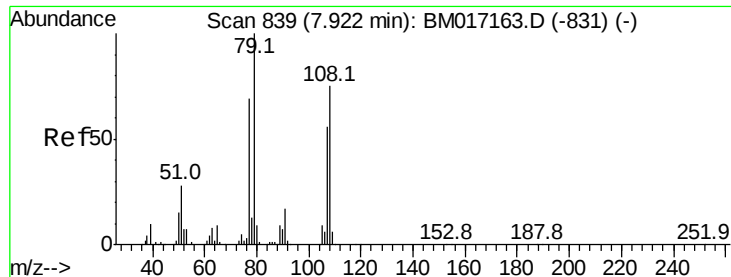
Sohil
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#14
1,2-Dichlorobenzene
Concen: 7.630 ng
RT: 8.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	45.1	33.8	50.6





#15

Benzyl Alcohol

Concen: 7.667 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

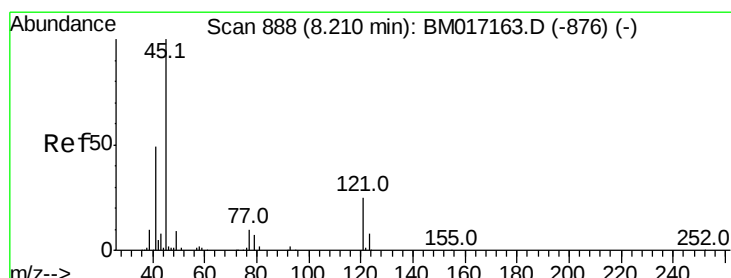
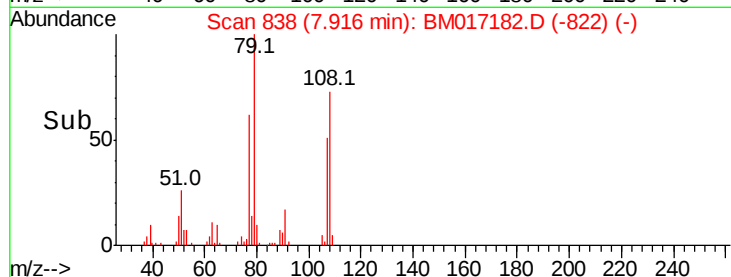
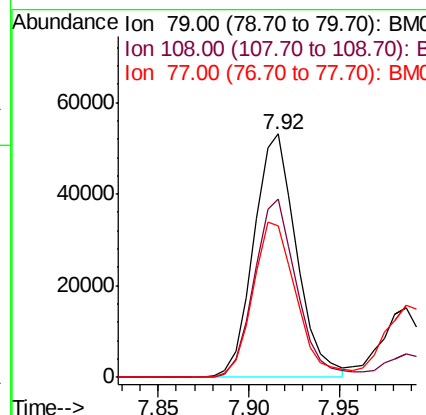
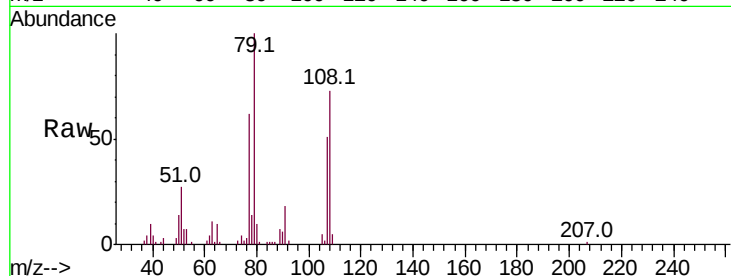
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	79	Resp:	87005
Ion Ratio	Lower	Upper	
79	100		
108	73.4	60.3	90.5
77	62.1	54.8	82.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.173 ng

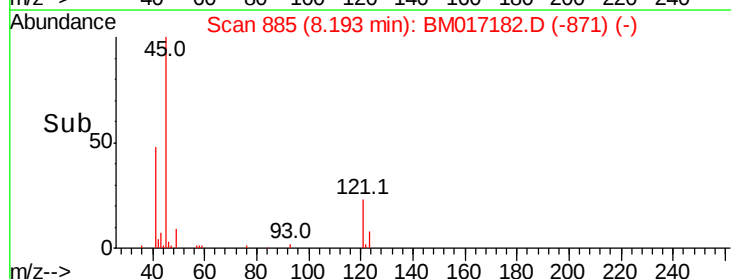
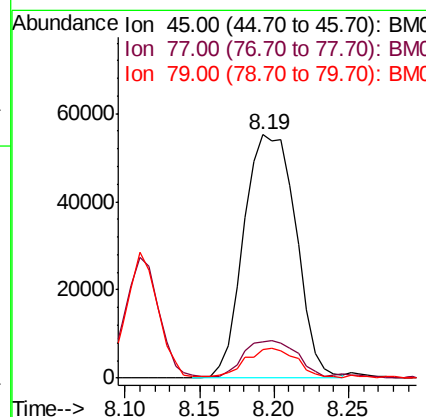
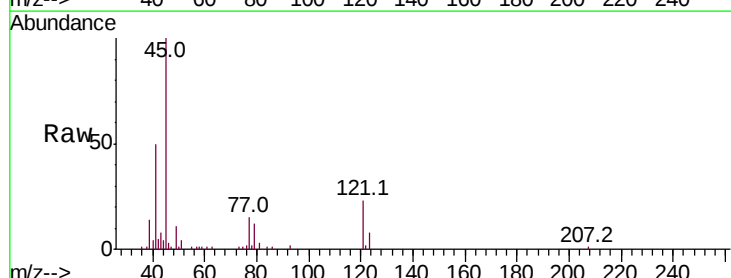
RT: 8.19 min Scan# 885

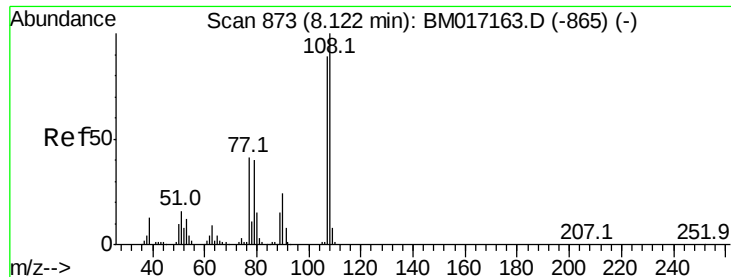
Delta R.T. -0.02 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:	45	Resp:	133488
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	35.5
79	11.7	0.0	32.1





#17

2-Methylphenol

Concen: 7.942 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

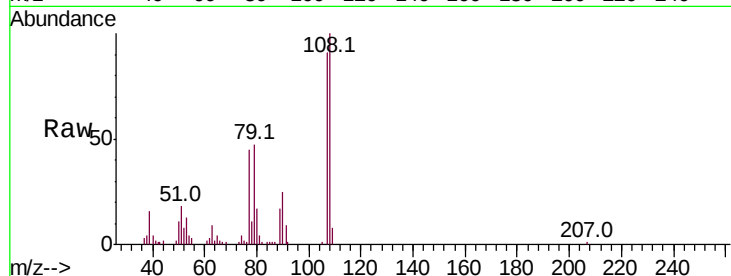
ClientSampleId :

MDL-WATER-03-QT4-2018

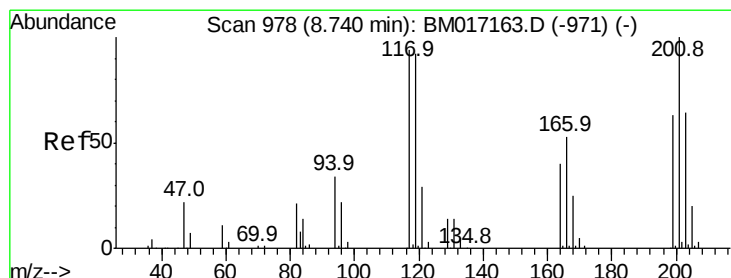
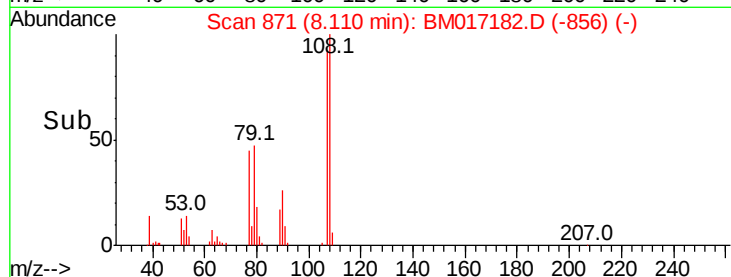
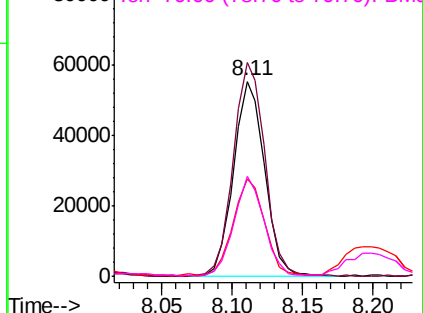
Tot Ion:	107	Resp:	85184
Ion Ratio	Lower	Upper	
107	100		
108	109.5	90.3	135.5
77	49.6	37.0	55.4
79	51.5	35.8	53.6

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



#18

Hexachloroethane

Concen: 7.547 ng

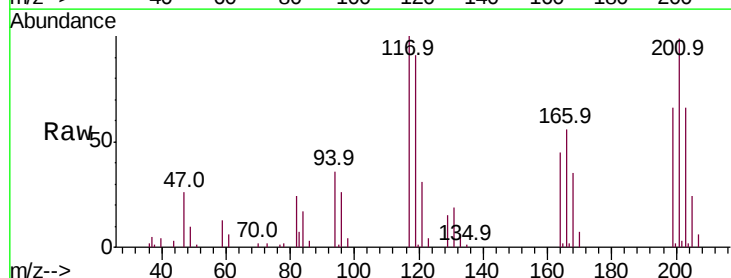
RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

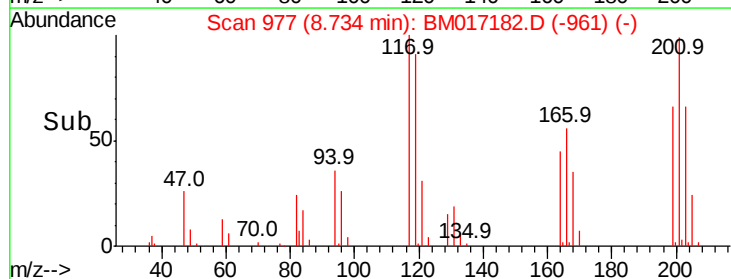
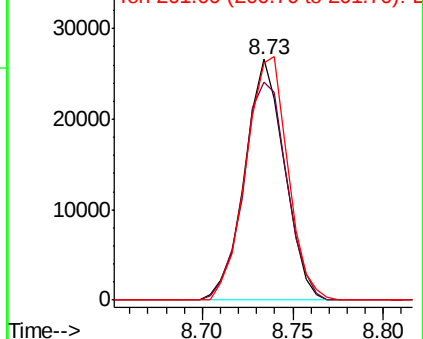
Lab File: BM017182.D

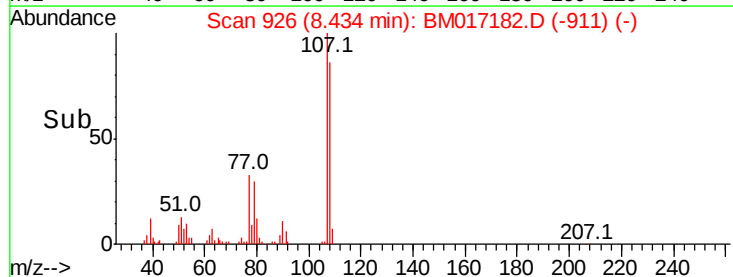
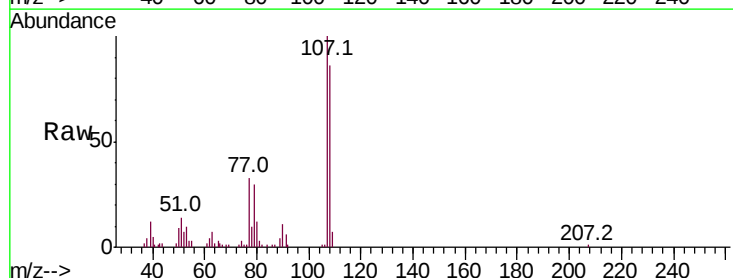
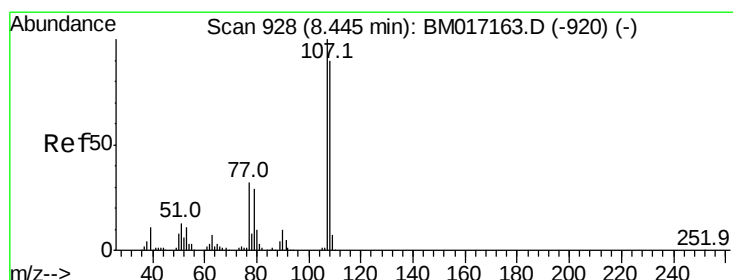
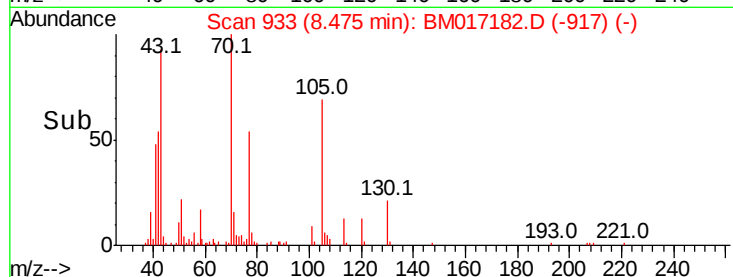
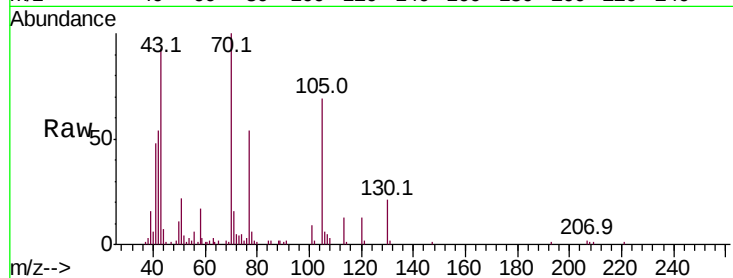
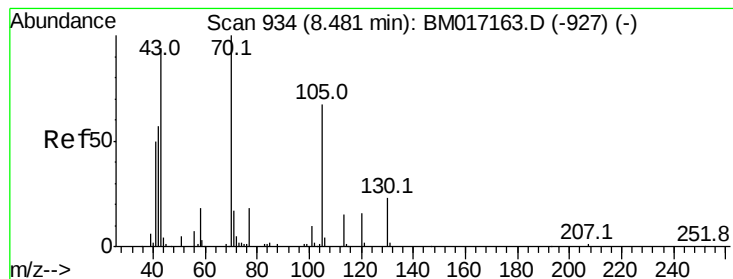
Acq: 18 Oct 2018 07:21

Tgt Ion:	117	Resp:	40566
Ion Ratio	Lower	Upper	
117	100		
119	90.6	78.2	117.2
201	98.7	85.3	127.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 7.556 ng

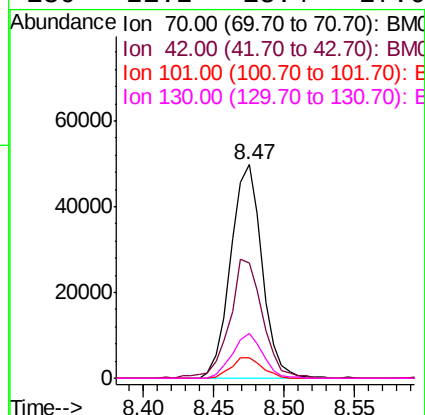
RT: 8.47 min Scan# 933

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.7	46.1	69.1	
101	9.4	8.2	12.4	
130	21.2	18.4	27.6	



Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

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#20

3+4-Methylphenols

Concen: 7.598 ng

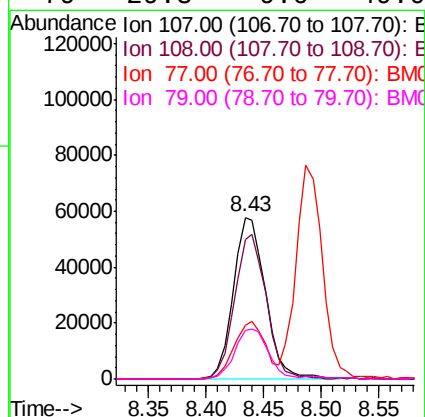
RT: 8.43 min Scan# 926

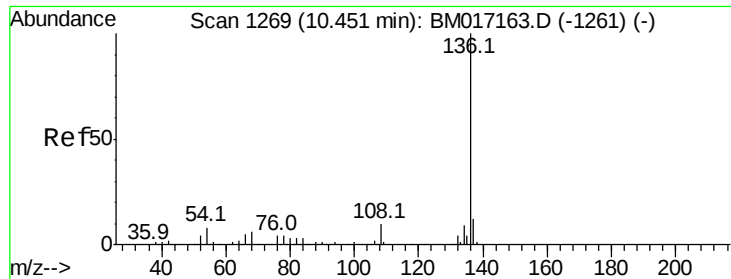
Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	69.9	109.9	
77	33.4	12.2	52.2	
79	29.8	9.0	49.0	





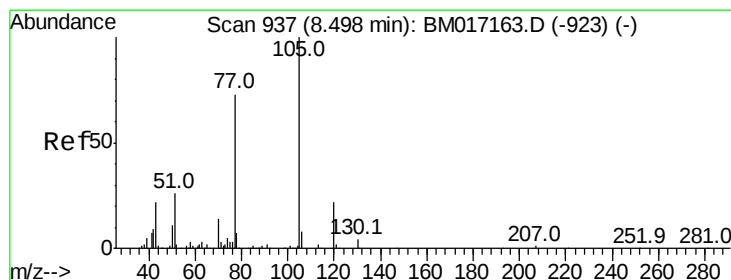
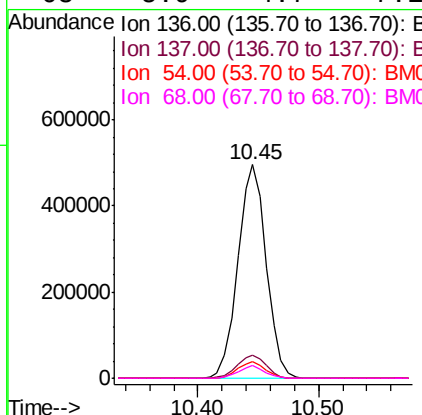
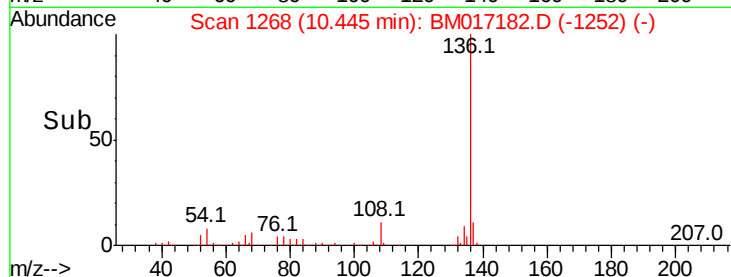
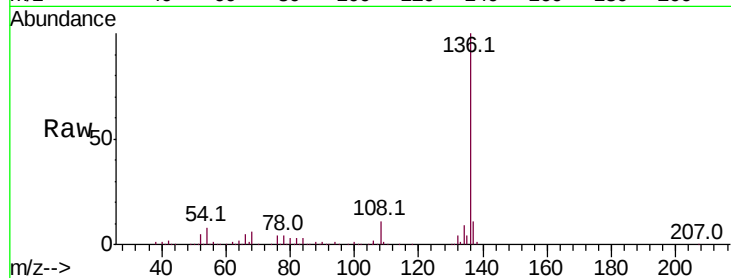
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.2	13.8	
54	7.8	6.7	10.1	
68	5.9	4.7	7.1	

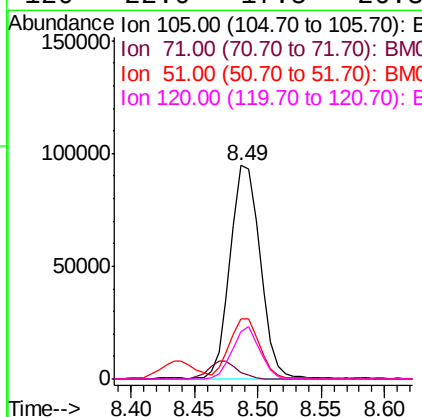
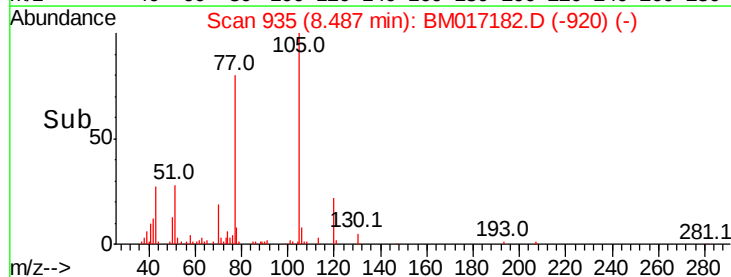
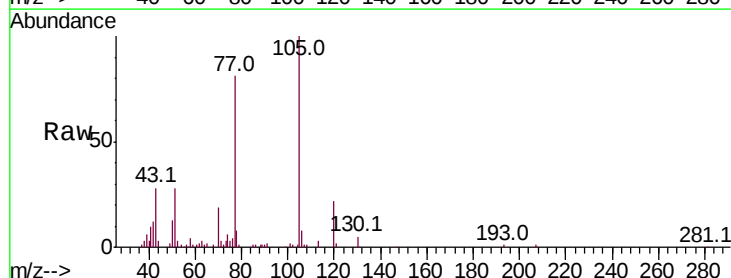
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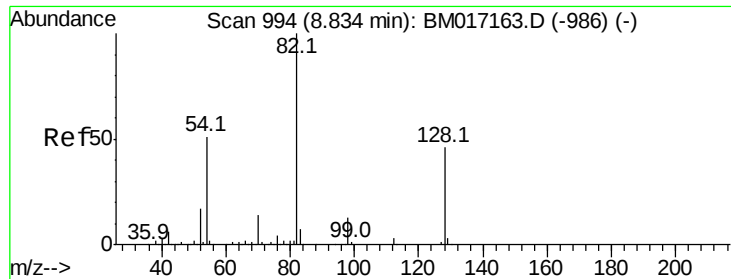
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#22
Acetophenone
Concen: 7.651 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.2	2.0	3.0#	
51	28.1	20.6	31.0	
120	22.0	17.5	26.3	





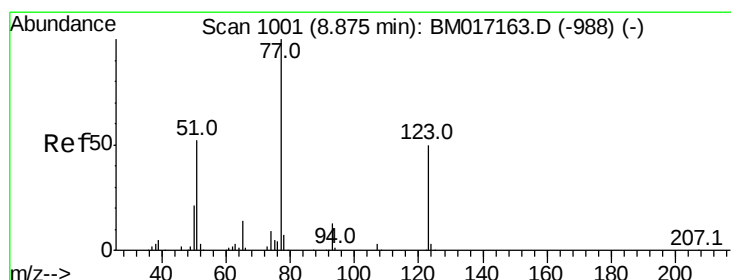
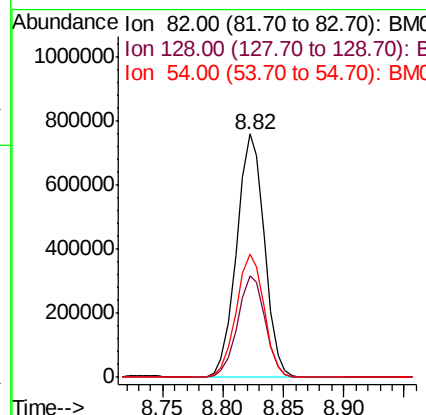
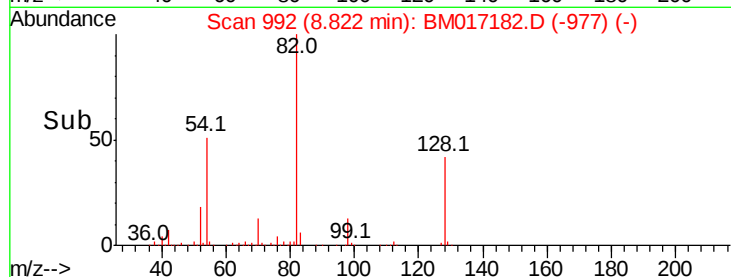
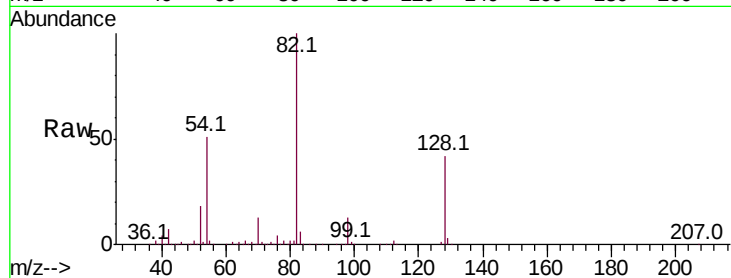
#23
Nitrobenzene-d5
Concen: 88.292 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion: 82 Resp: 1219803
Ion Ratio Lower Upper
82 100
128 41.7 37.0 55.6
54 50.6 40.7 61.1

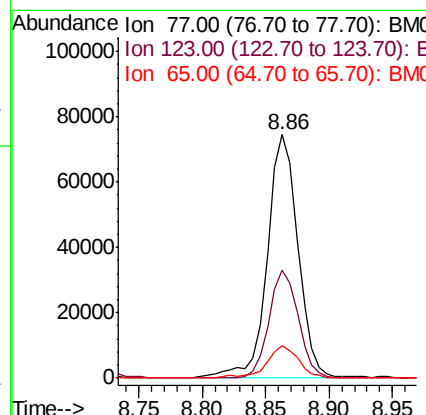
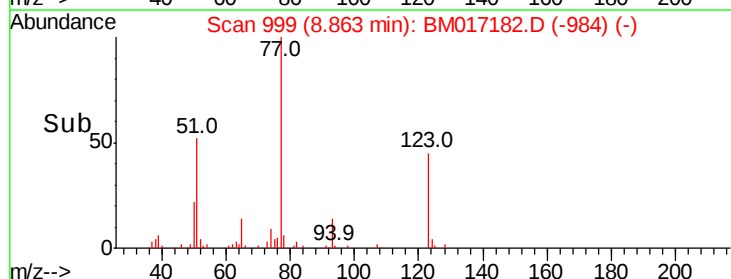
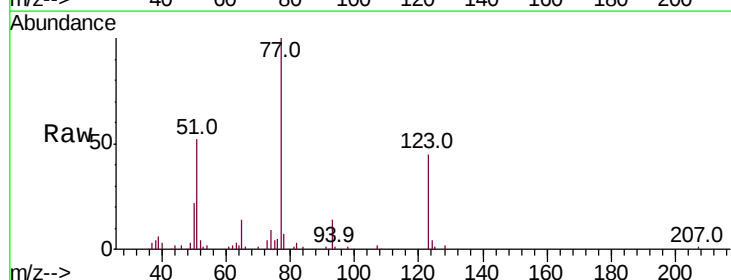
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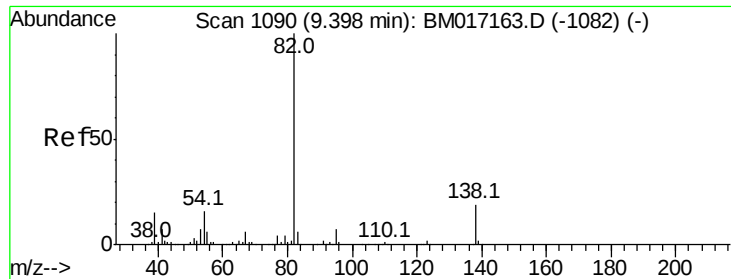
Sohil
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#24
Nitrobenzene
Concen: 8.609 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion: 77 Resp: 125809
Ion Ratio Lower Upper
77 100
123 44.5 40.2 60.4
65 13.5 11.4 17.0





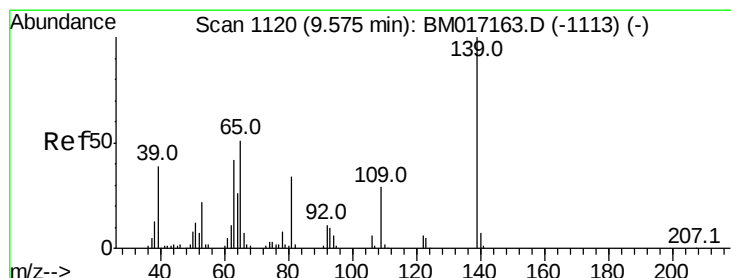
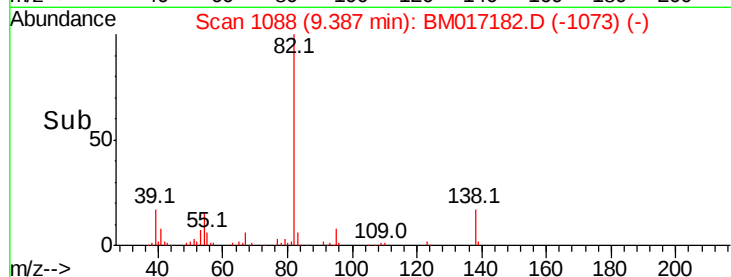
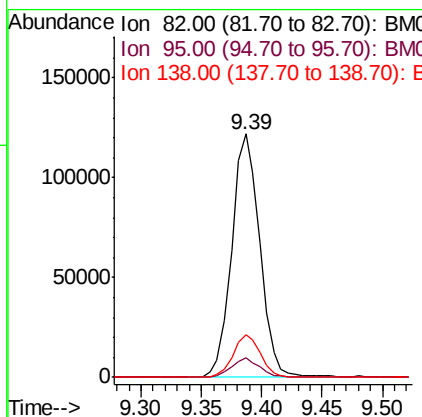
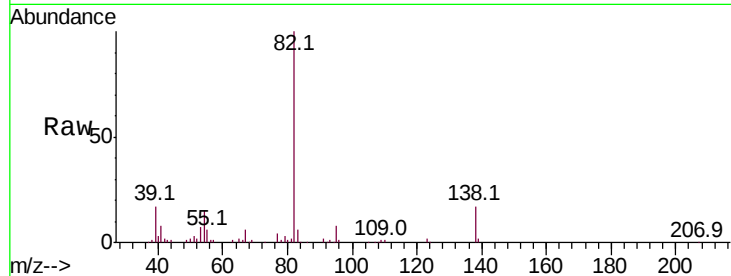
#25
Isophorone
Concen: 8.668 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	197756		
95	8.1		6.0	9.0
138	17.3		15.4	23.2

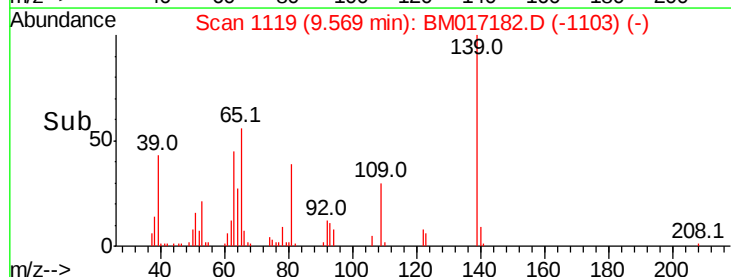
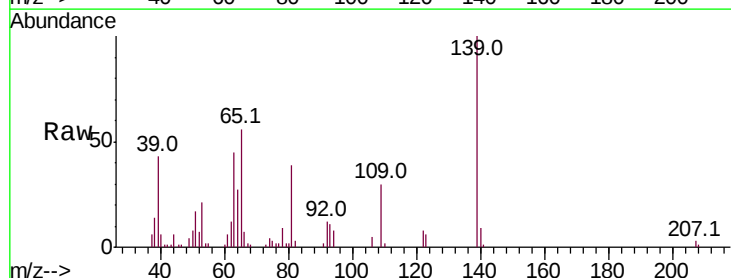
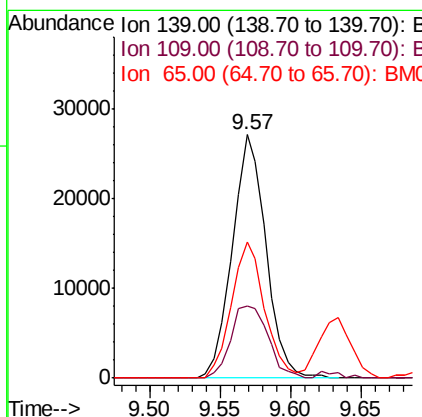
Manual Integrations
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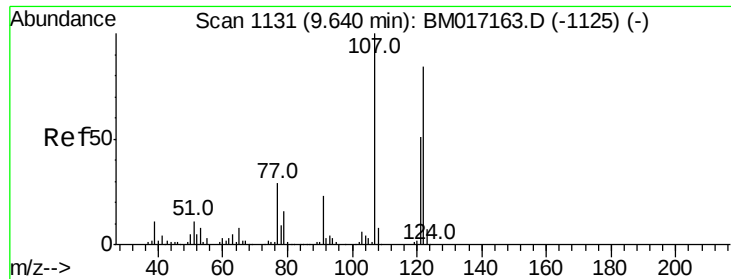
Sohil
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#26
2-Nitrophenol
Concen: 11.511 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	45076		
109	29.6		23.2	34.8
65	56.0		40.6	61.0





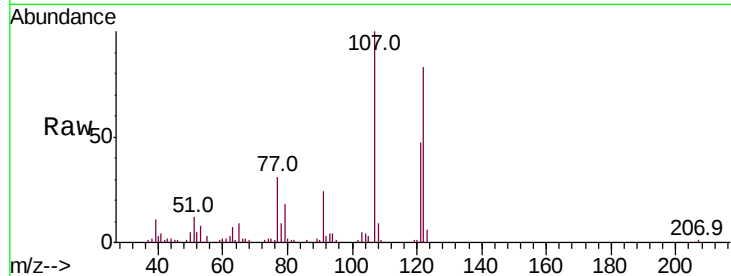
#27
2,4-Dimethylphenol
Concen: 9.194 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.7	95.0	142.6
121	57.2	48.2	72.4

Manual Integrations
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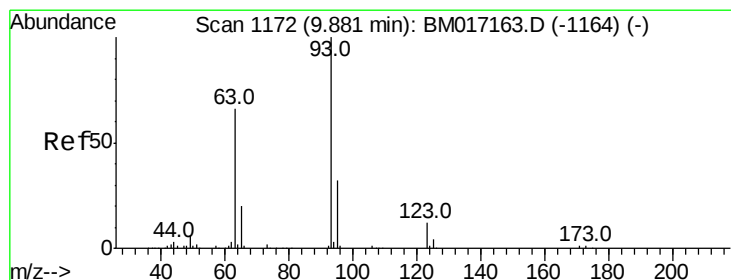
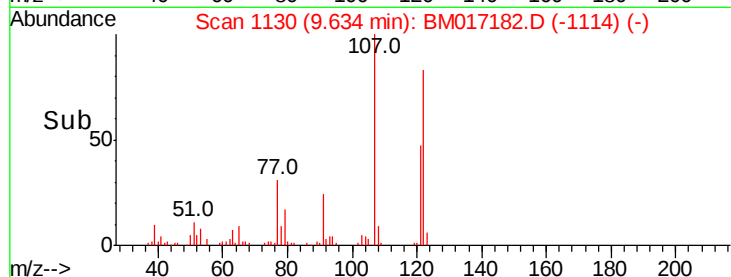
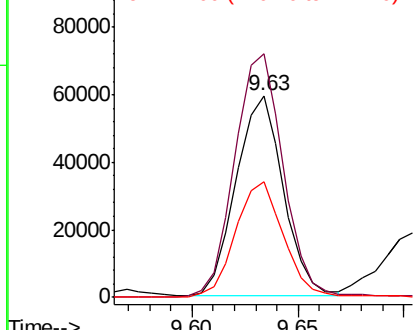


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 8.170 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

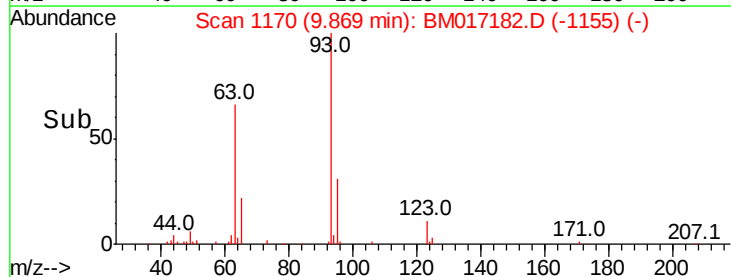
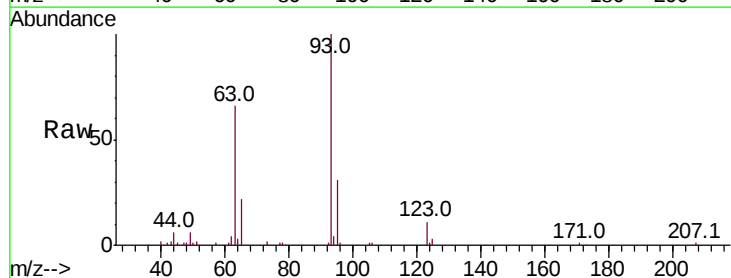
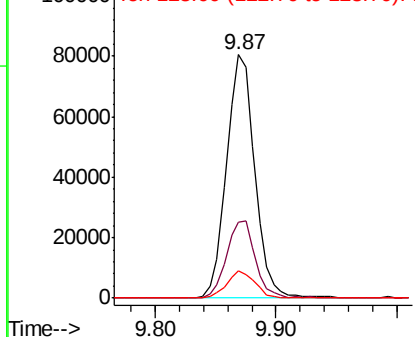
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.7	38.5
123	11.3	9.4	14.0

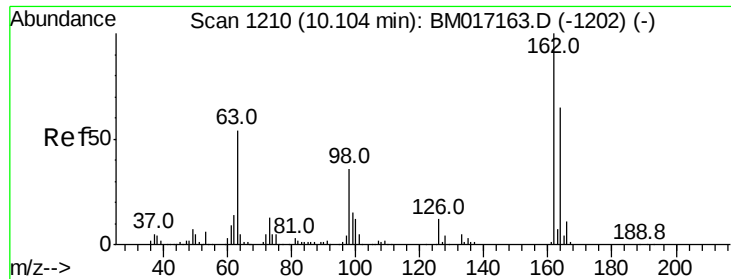
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





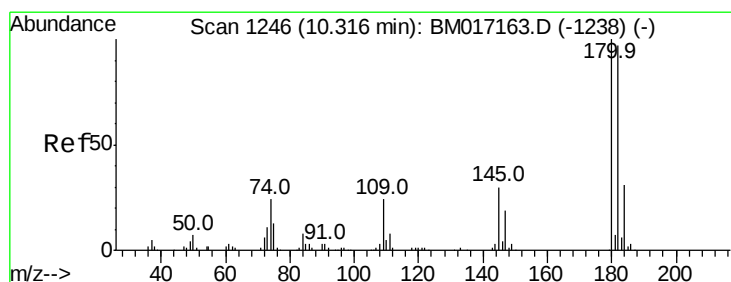
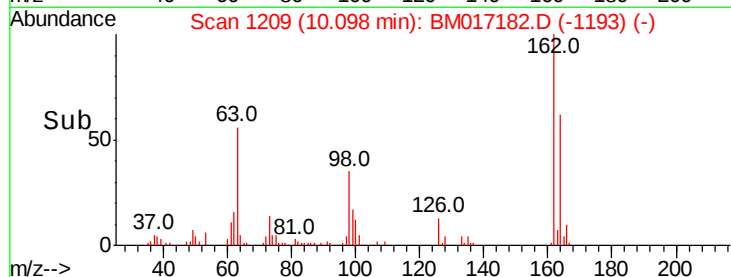
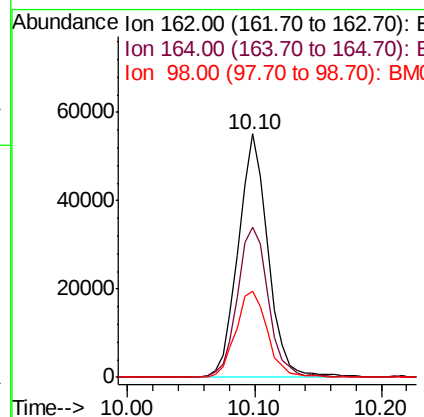
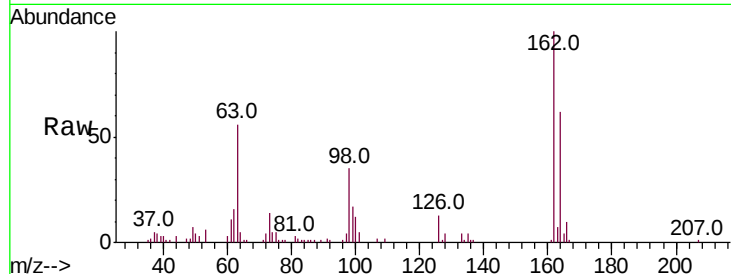
#29
2,4-Dichlorophenol
Concen: 7.642 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	89511		
164	61.9		44.9	84.9
98	35.3		15.8	55.8

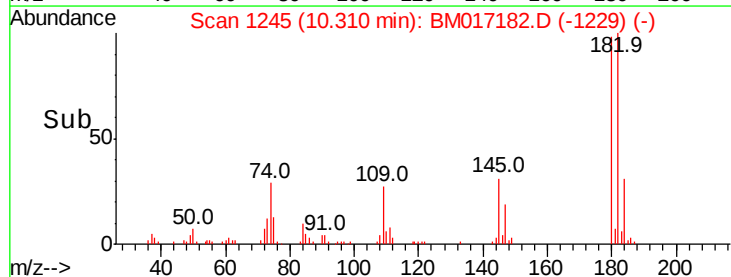
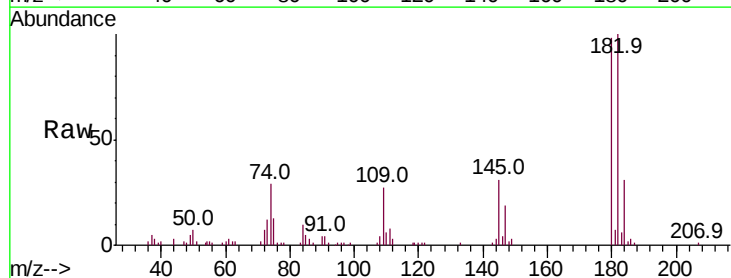
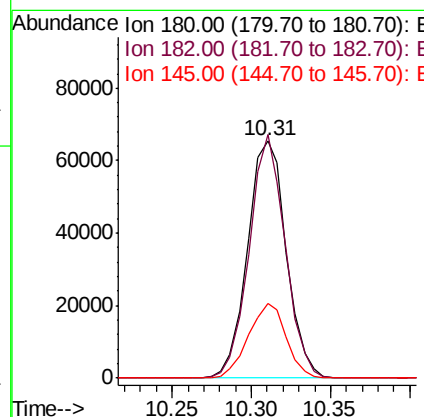
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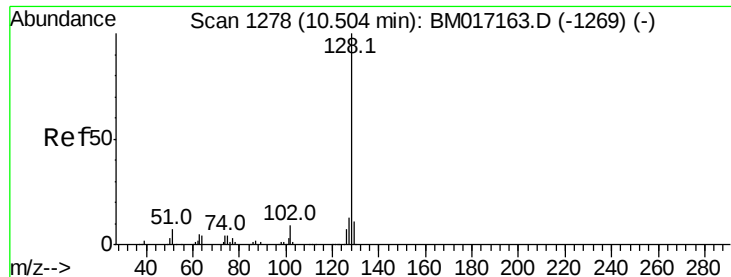
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#30
1,2,4-Trichlorobenzene
Concen: 7.892 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	110880		
182	102.4		77.5	116.3
145	31.6		24.0	36.0





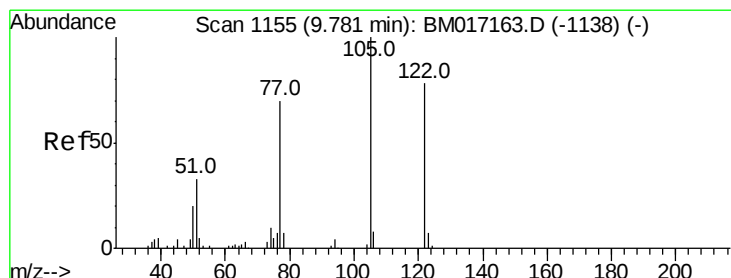
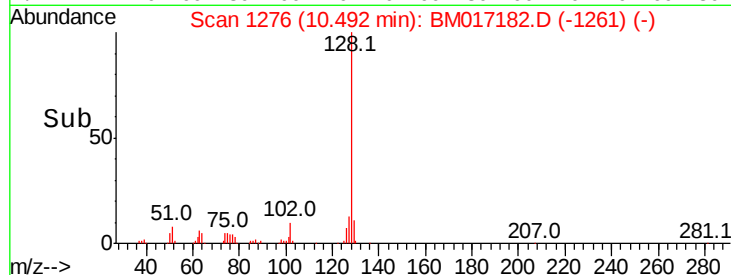
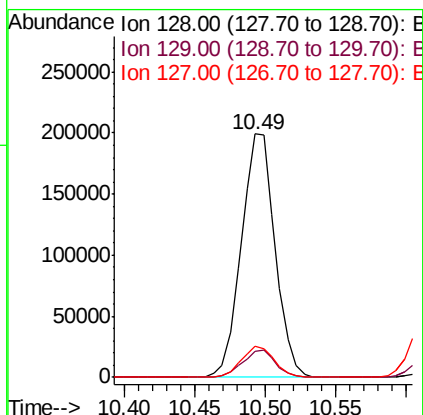
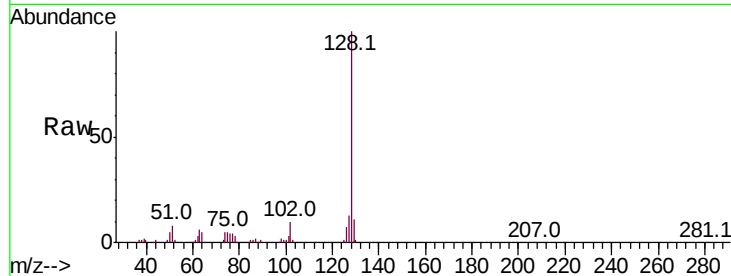
#31
Naphthalene
Concen: 8.398 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion:128	Resp:	332518
Ion Ratio	Lower	Upper
128 100		
129 10.8	8.5	12.7
127 12.6	10.3	15.5

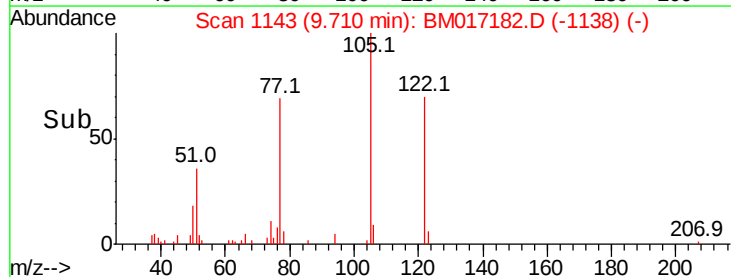
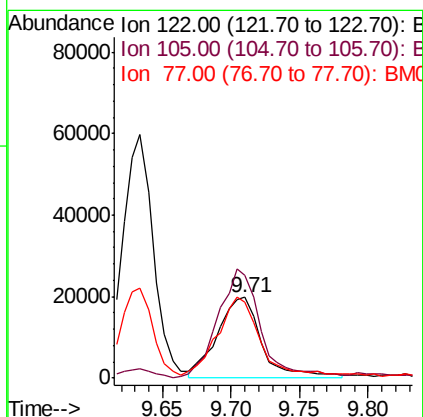
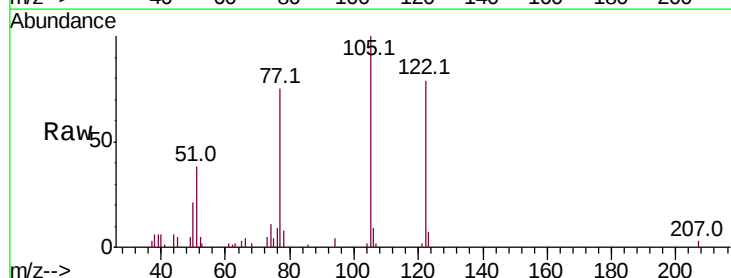
Manual Integrations
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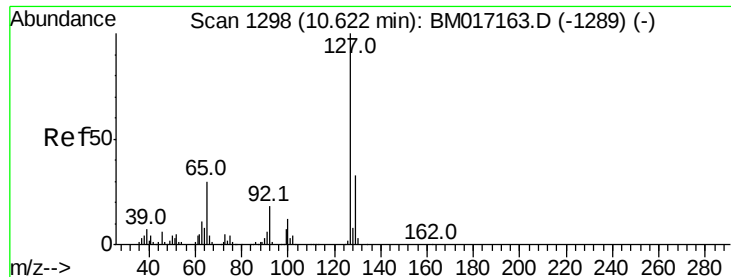
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#32
Benzoic acid
Concen: 5.954 ng m
RT: 9.71 min Scan# 1143
Delta R.T. -0.07 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:122	Resp:	44818
Ion Ratio	Lower	Upper
122 100		
105 127.0	102.0	142.0
77 94.7	67.7	107.7





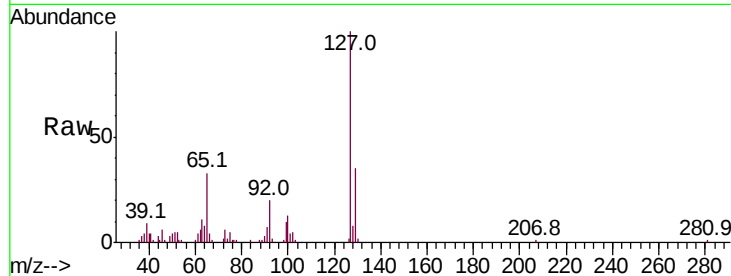
#33
4-Chloroaniline
Concen: 5.584 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.8	26.2	39.4
65	33.3	23.7	35.5
92	20.0	14.3	21.5

Manual Integrations
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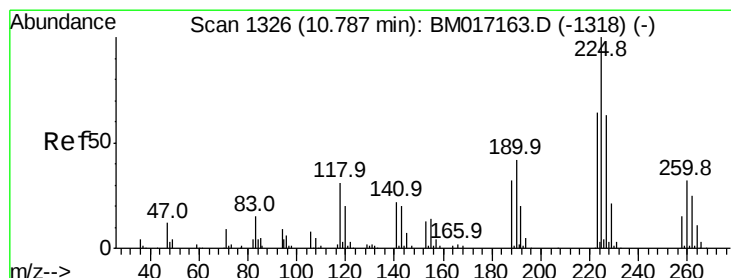
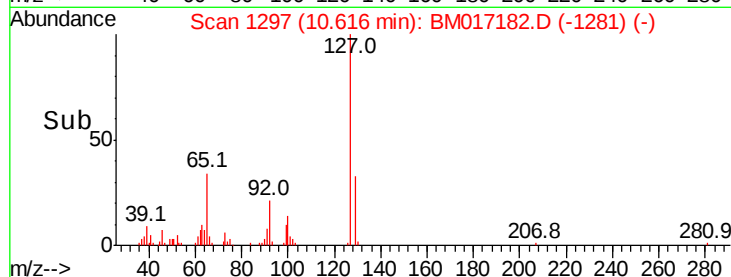
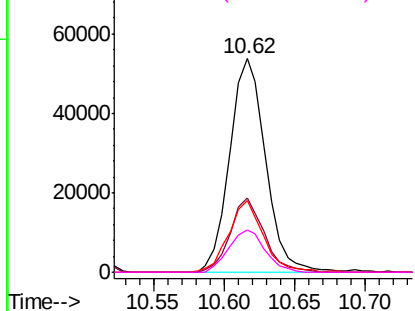
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 7.589 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

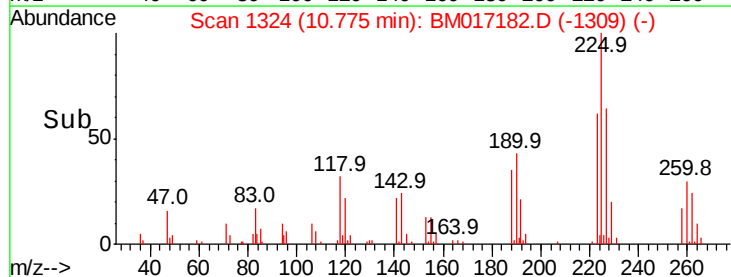
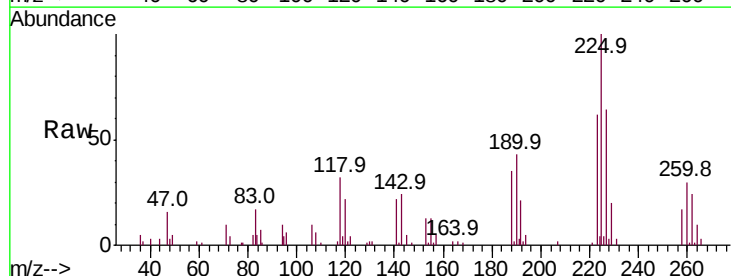
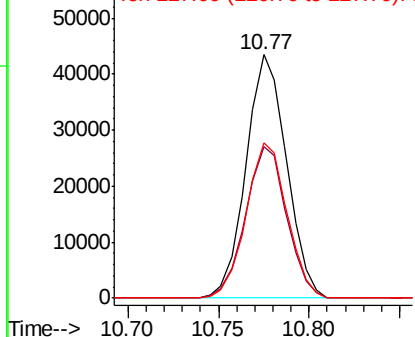
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	63.8	50.8	76.2

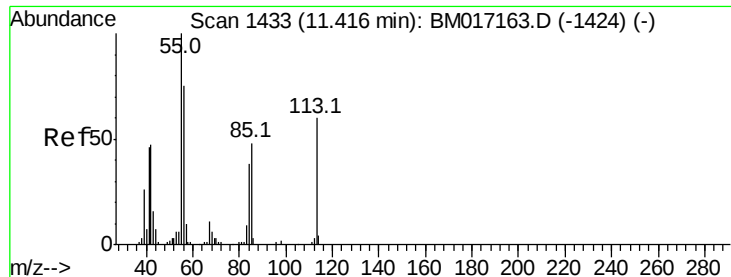
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 5.907 ng

RT: 11.39 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

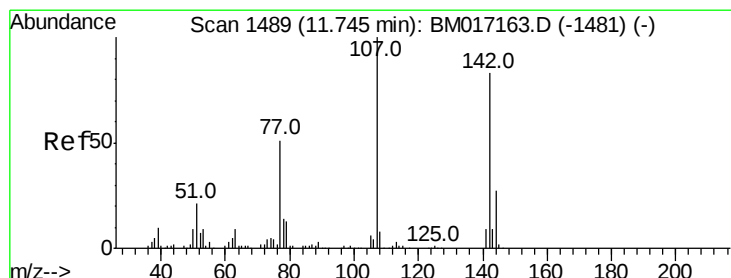
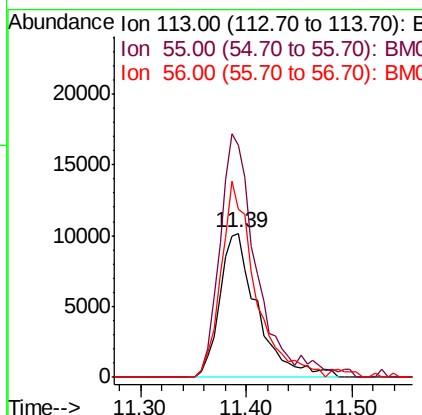
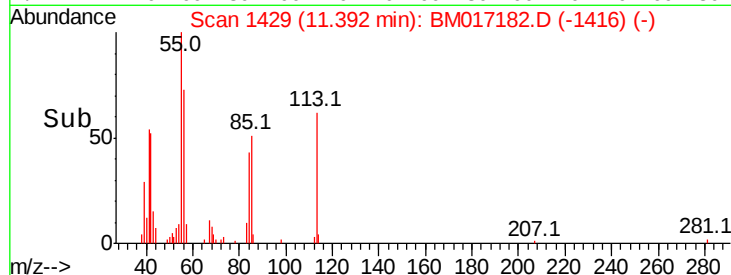
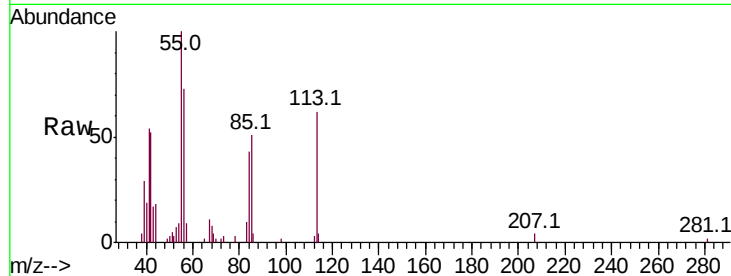
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	113	Resp:	25212
Ion Ratio	Lower	Upper	
113	100		
55	160.9	147.0	187.0
56	116.9	104.5	144.5

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#36

4-Chloro-3-methylphenol

Concen: 7.725 ng

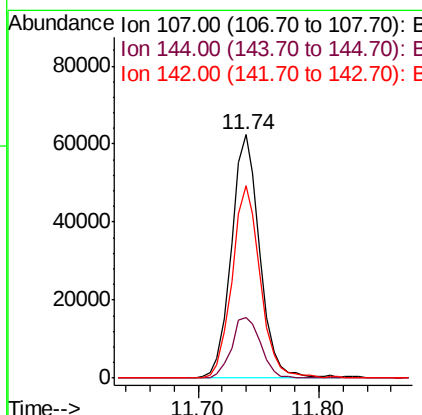
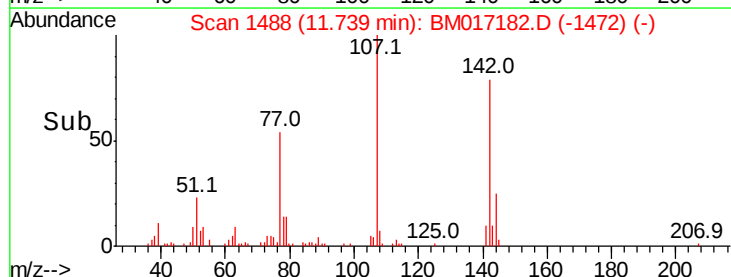
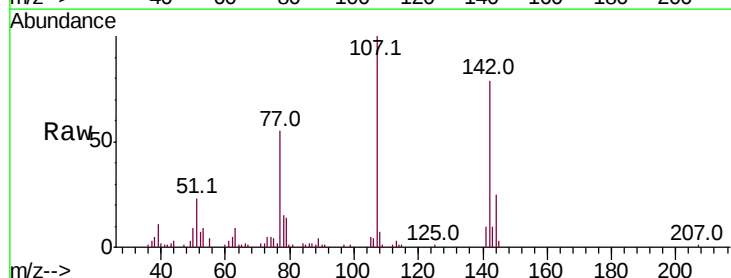
RT: 11.74 min Scan# 1488

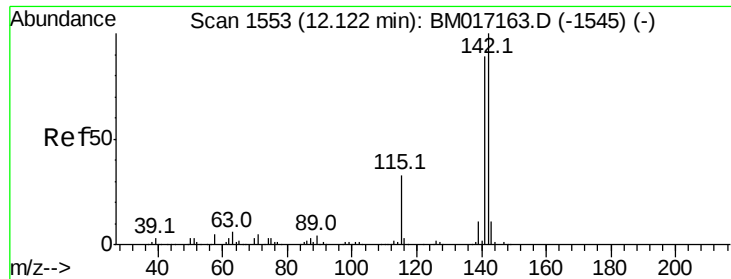
Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:	107	Resp:	101983
Ion Ratio	Lower	Upper	
107	100		
144	24.8	21.6	32.4
142	79.0	66.0	99.0





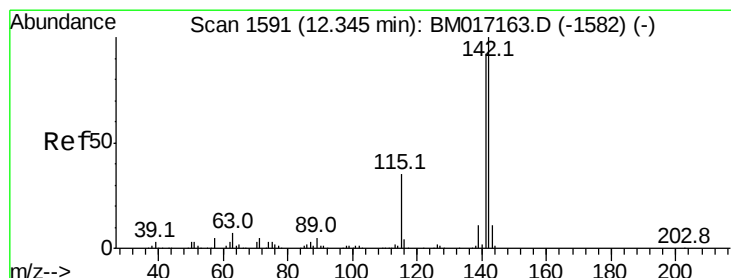
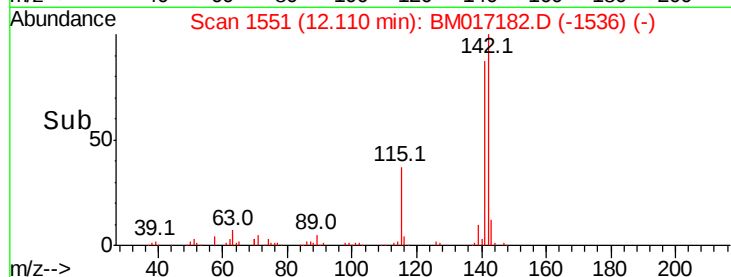
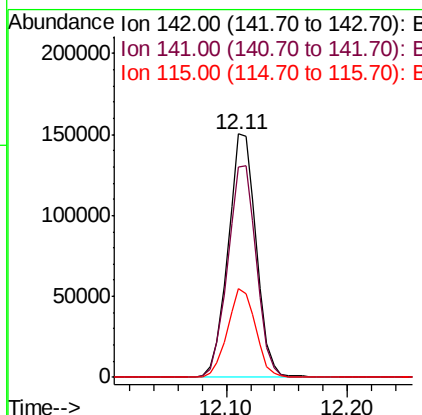
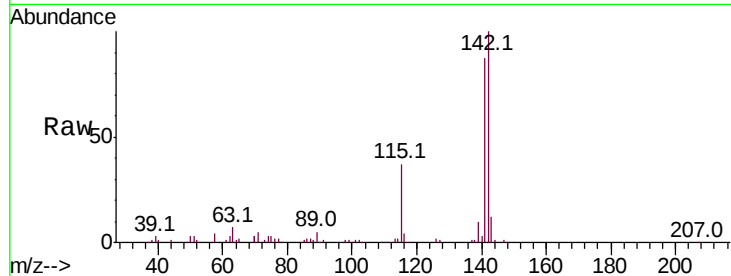
#37
2-Methylnaphthalene
Concen: 8.974 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.9	106.3
115	36.6	26.4	39.6

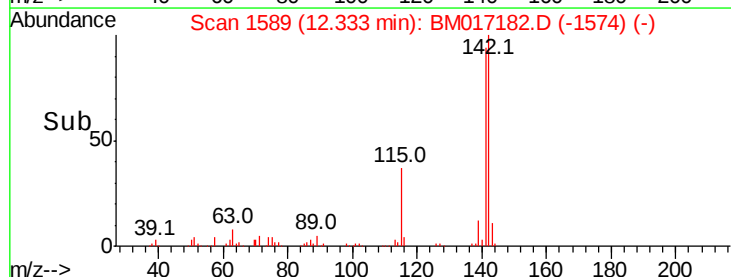
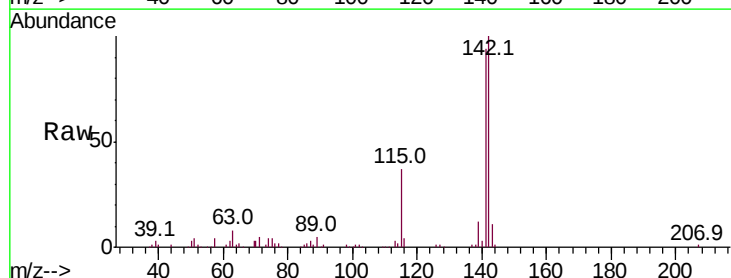
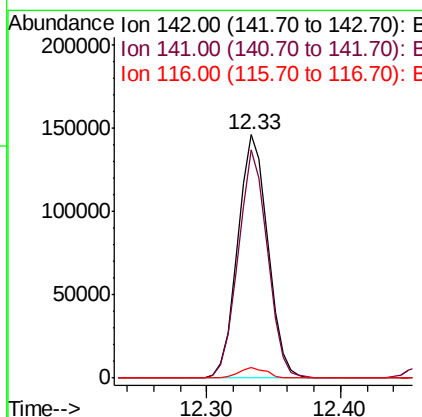
Manual Integrations
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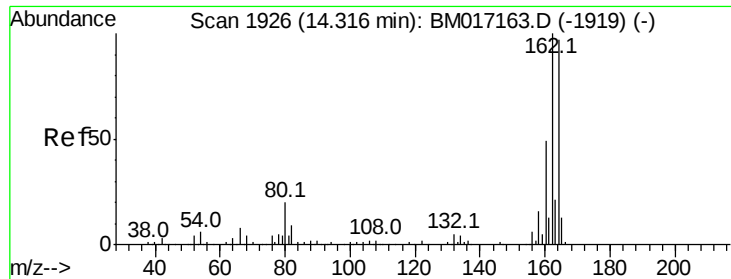
Sohil
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#38
1-Methylnaphthalene
Concen: 8.679 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.8	110.6
116	4.3	2.9	4.3





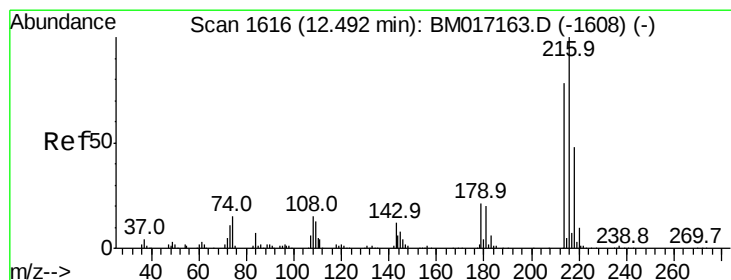
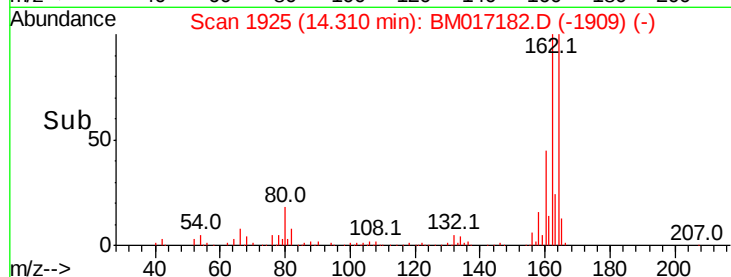
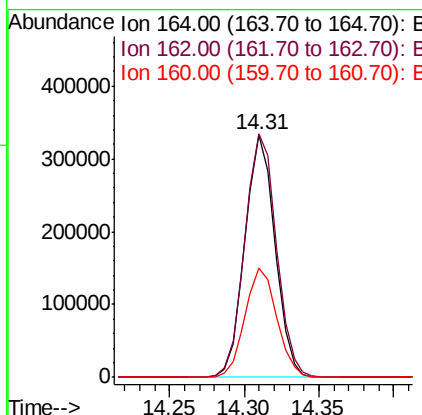
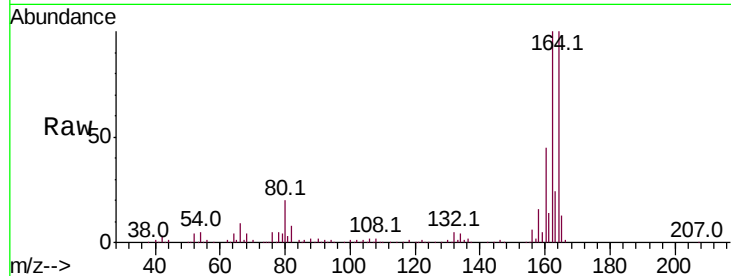
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.1	123.1
160	45.0	40.2	60.2

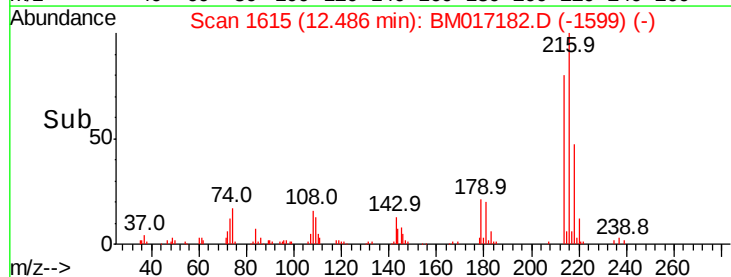
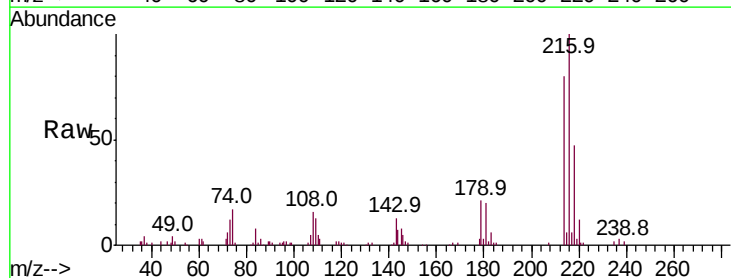
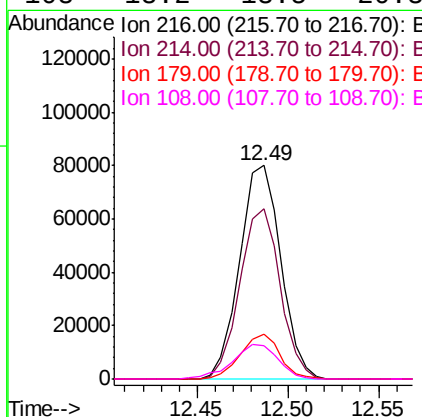
Manual Integrations
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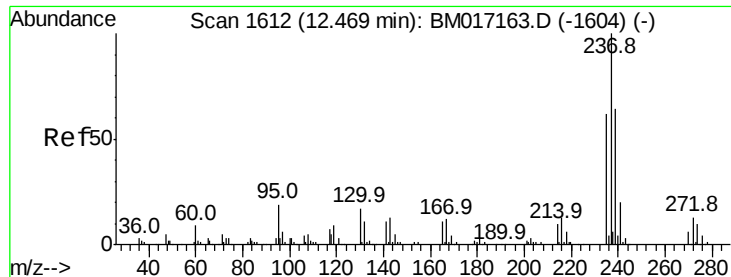
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.741 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	93.8
179	20.1	16.6	24.8
108	18.2	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 9.637 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

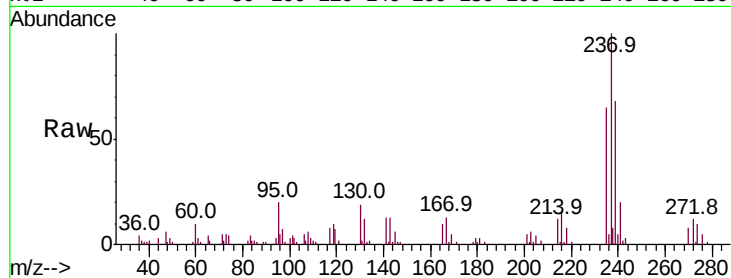
ClientSampleId :

MDL-WATER-03-QT4-2018

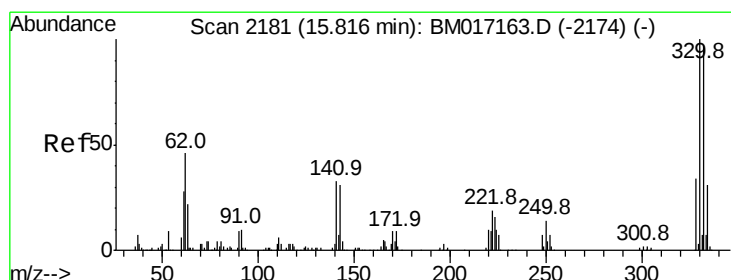
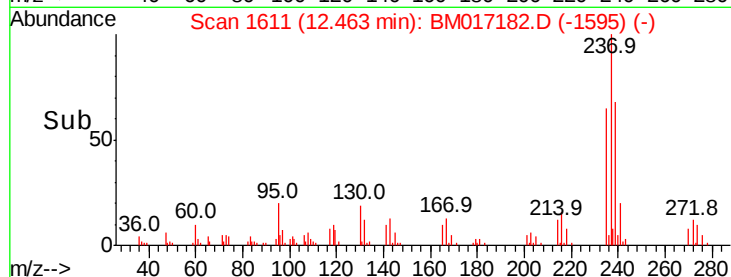
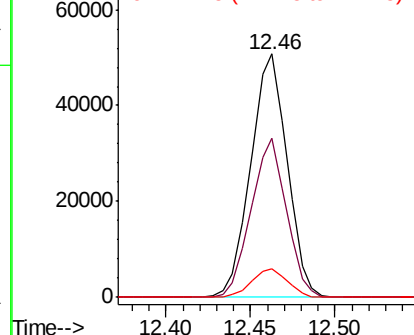
Tot Ion:	237	Resp:	76146
Ion Ratio	Lower	Upper	
237	100		
235	65.2	42.4	82.4
272	11.9	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 153.261 ng

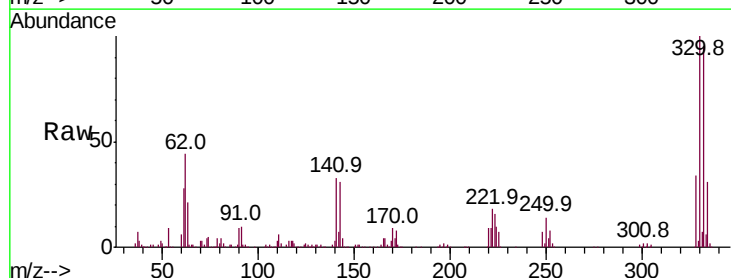
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

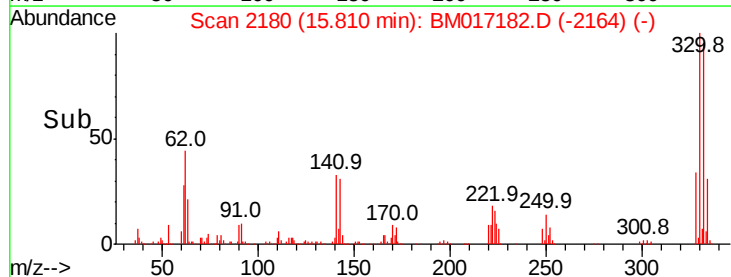
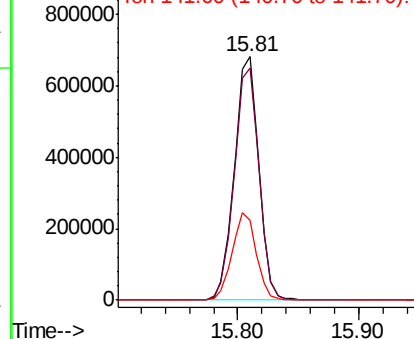
Lab File: BM017182.D

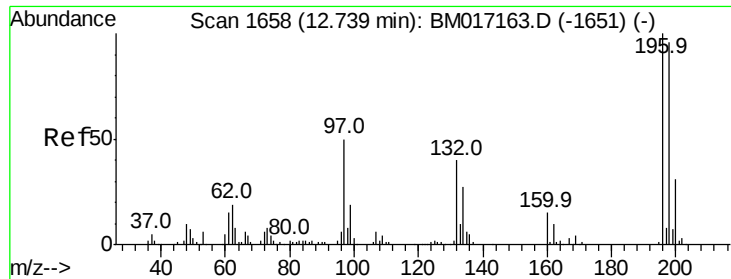
Acq: 18 Oct 2018 07:21

Tgt Ion:	330	Resp:	961885
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.3	115.9
141	35.3	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





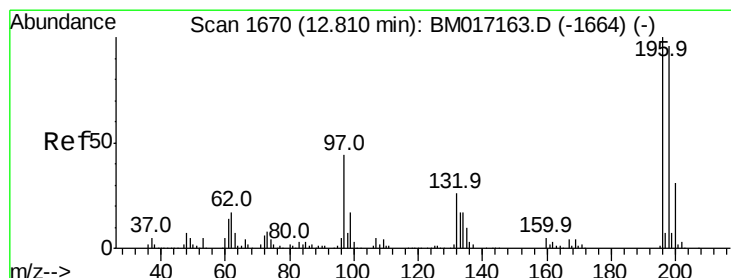
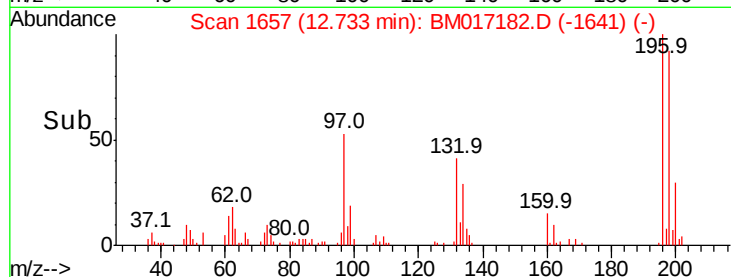
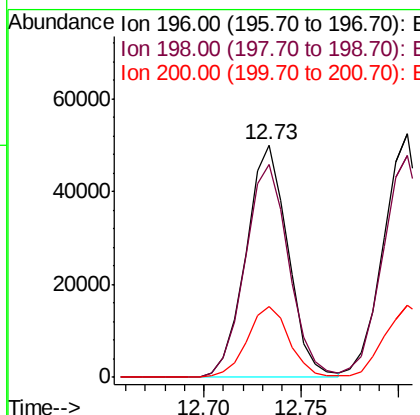
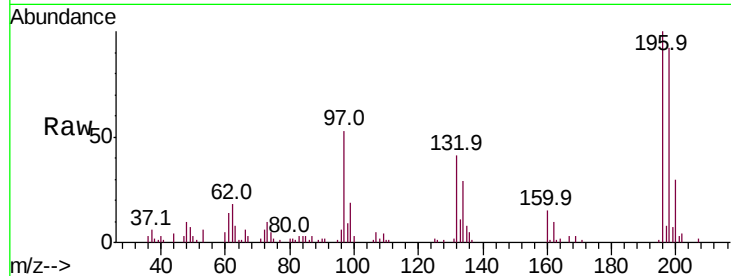
#43
 2,4,6-Trichlorophenol
 Concen: 7.872 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.5	77.1	115.7
200	30.4	25.0	37.4

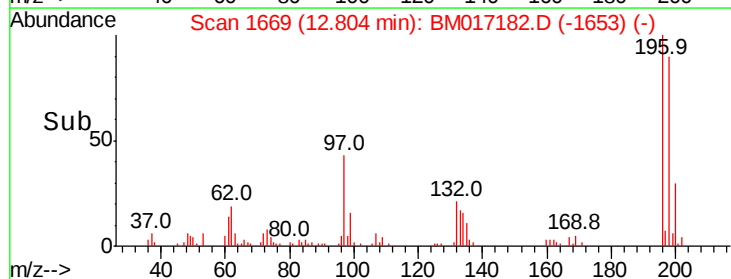
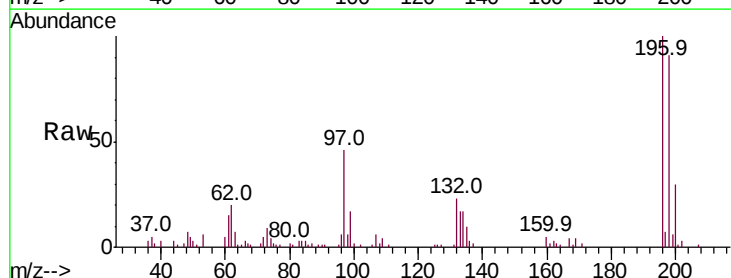
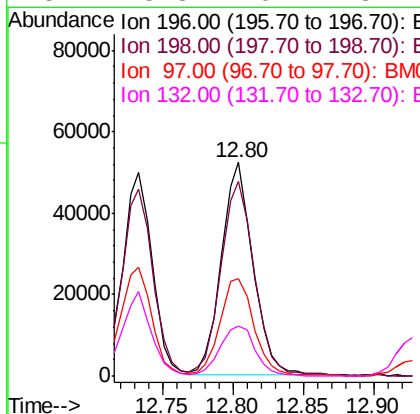
Manual Integrations
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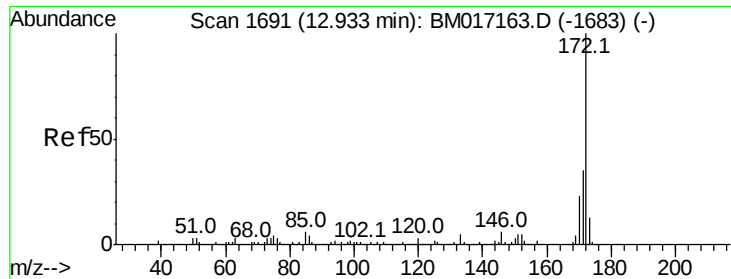
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 7.976 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.0	76.6	115.0
97	45.6	35.5	53.3
132	23.3	20.7	31.1





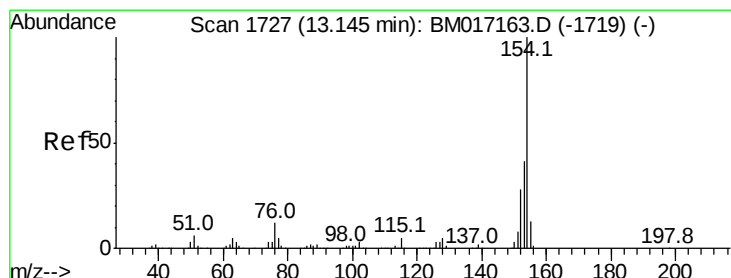
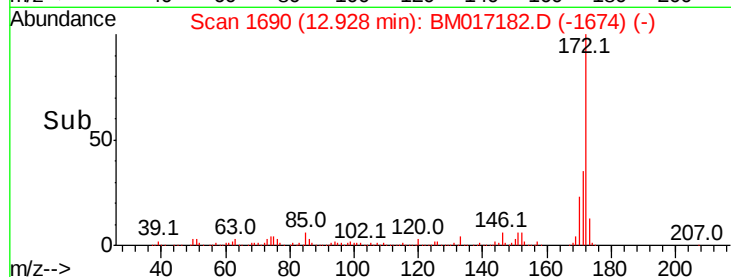
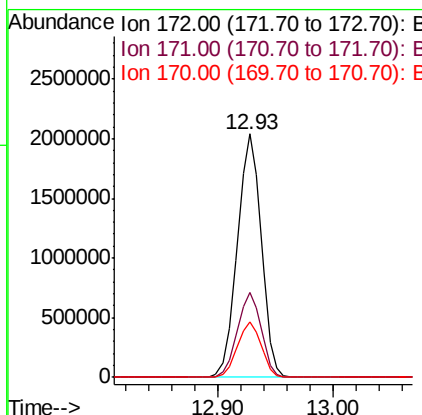
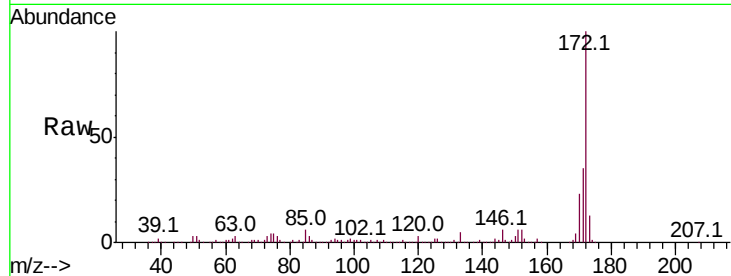
#45
2-Fluorobiphenyl
Concen: 83.654 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.8	18.3	27.5

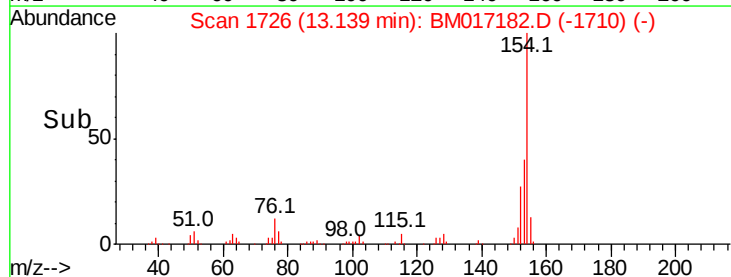
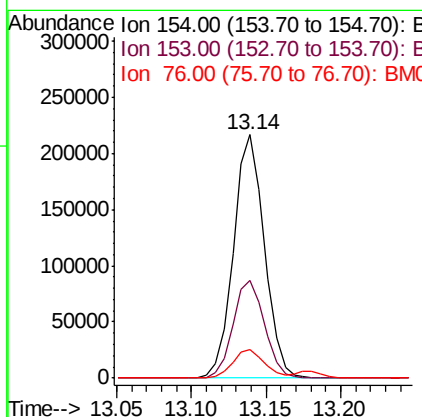
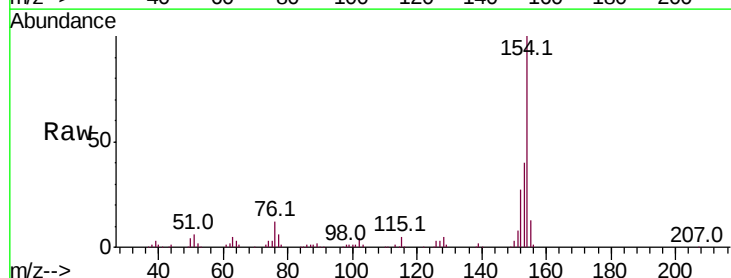
Manual Integrations
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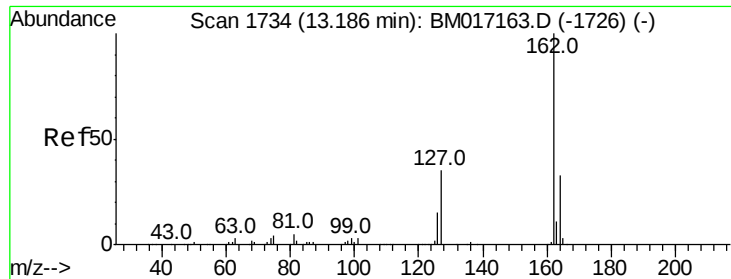
Sohil
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#46
1,1'-Biphenyl
Concen: 7.486 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	11.9	0.0	31.8





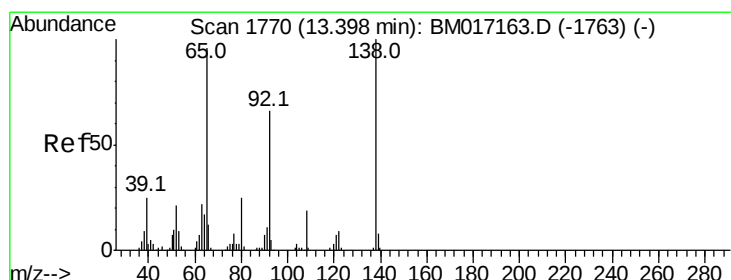
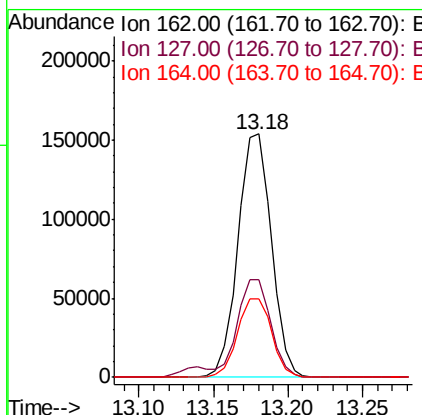
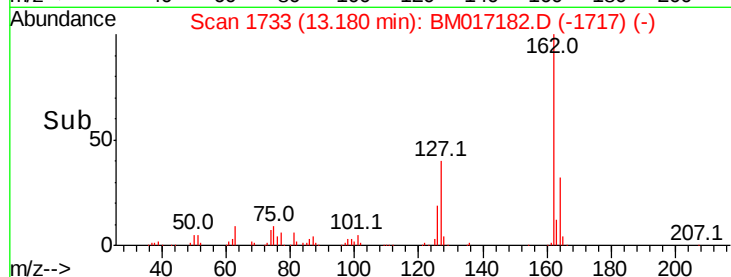
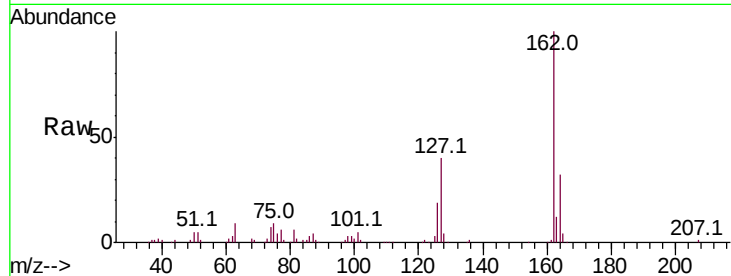
#47
2-Chloronaphthalene
Concen: 7.778 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.0	31.0	46.4	
164	32.5	26.6	39.8	

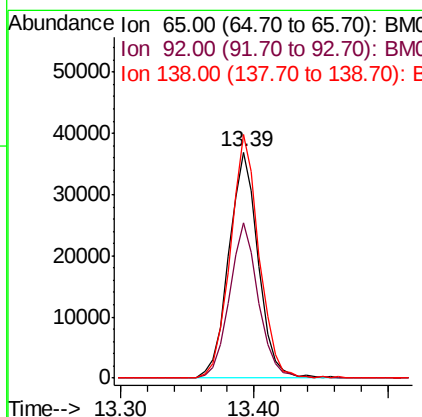
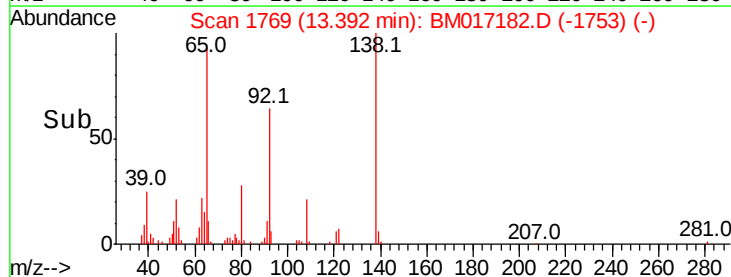
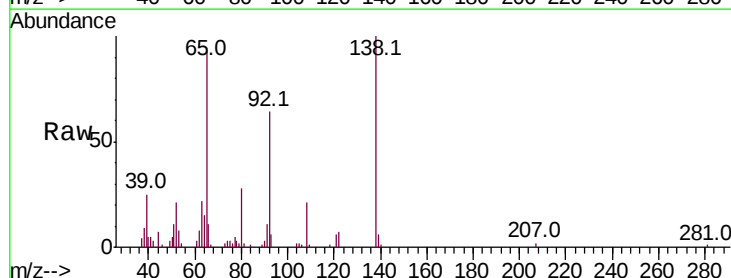
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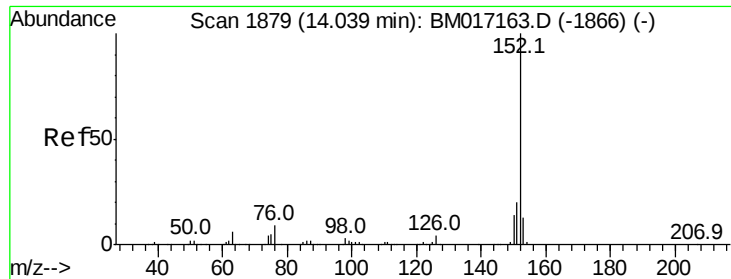
Sohil
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#48
2-Nitroaniline
Concen: 11.473 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.9	54.9	82.3	
138	107.8	83.7	125.5	





#49

Acenaphthylene

Concen: 8.499 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

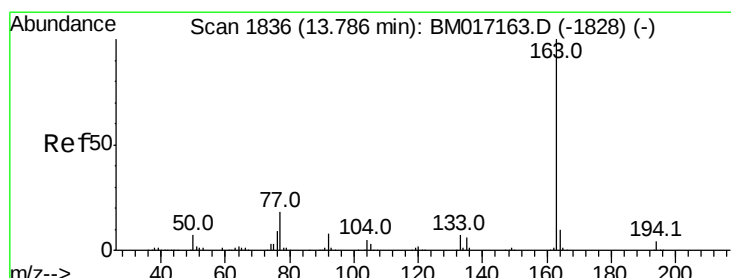
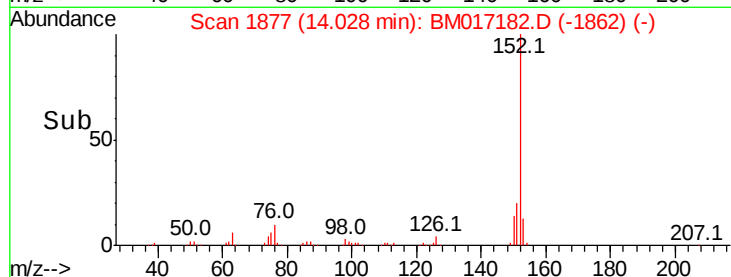
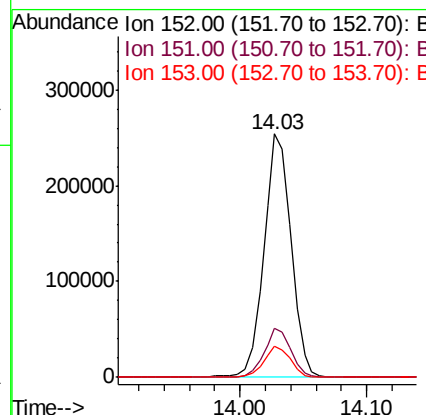
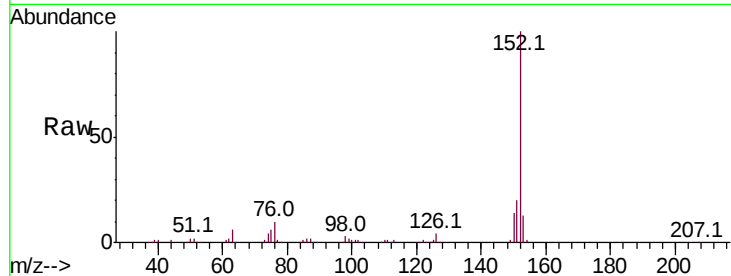
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	152	Resp:	378475
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.0	24.0
153	12.8	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 8.468 ng

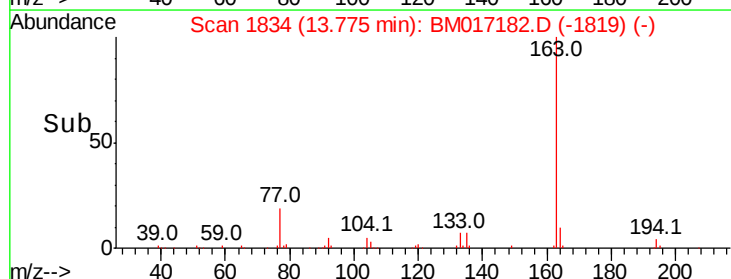
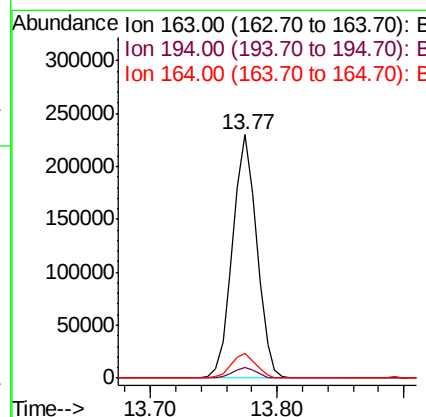
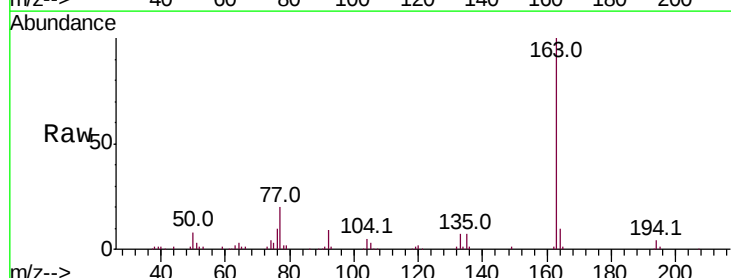
RT: 13.77 min Scan# 1834

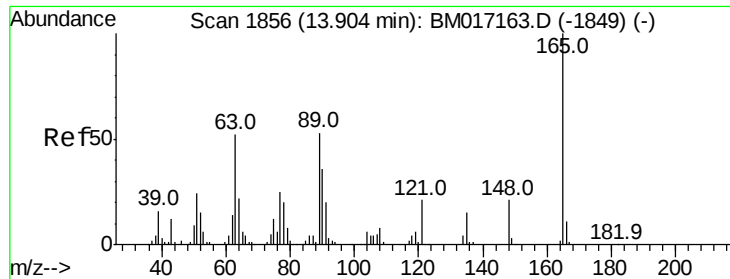
Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:	163	Resp:	303204
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.0	7.8	11.8





#51

2,6-Dinitrotoluene

Concen: 7.322 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

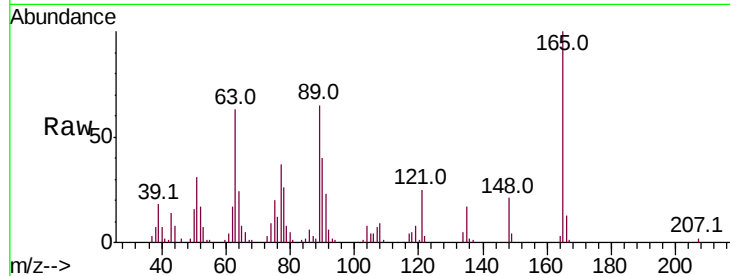
MDL-WATER-03-QT4-2018

Tot Ion:165 Resp: 57702

Ion	Ratio	Lower	Upper
165	100		
63	62.6	42.7	64.1
89	65.1	42.1	63.1#

Manual Integrations
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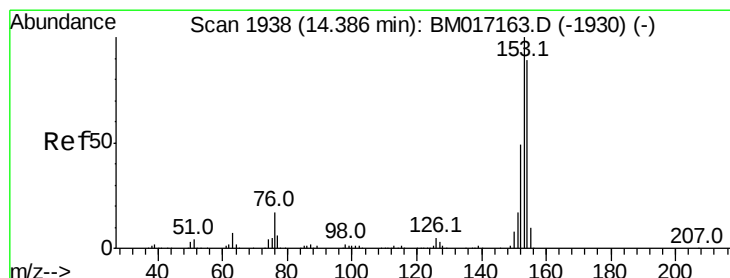
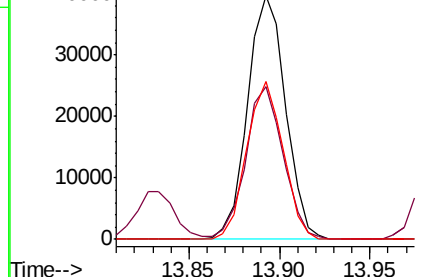
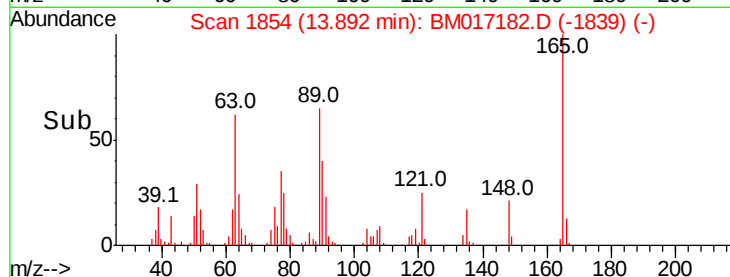


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

13.89



#52

Acenaphthene

Concen: 8.249 ng

RT: 14.37 min Scan# 1936

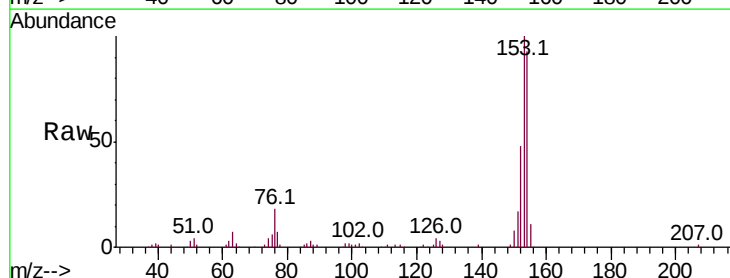
Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:154 Resp: 230671

Ion	Ratio	Lower	Upper
154	100		
153	107.3	90.2	135.2
152	51.9	44.2	66.4

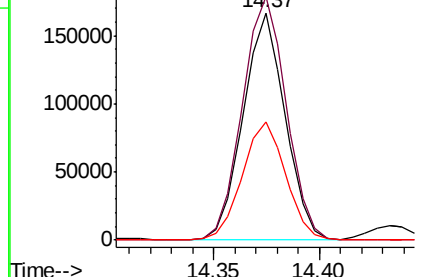
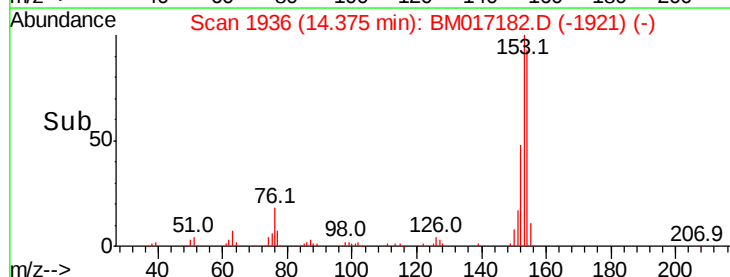


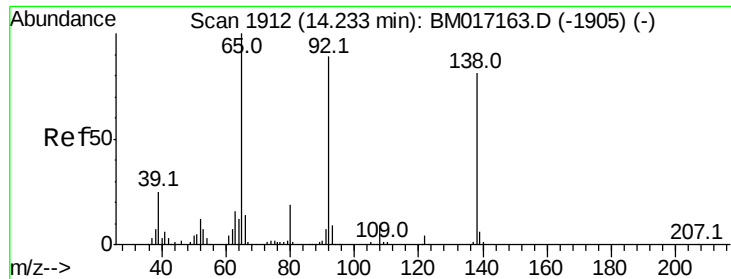
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.37





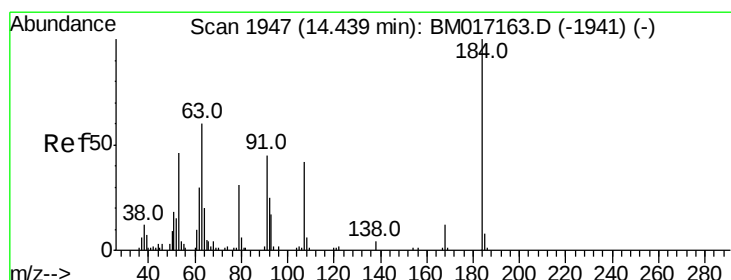
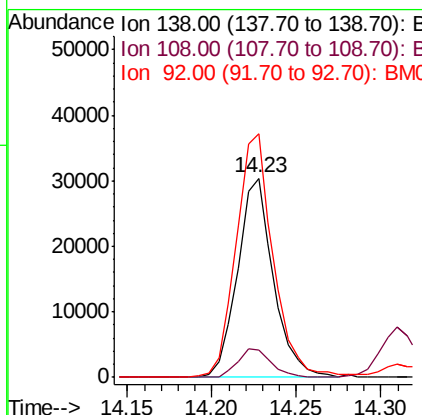
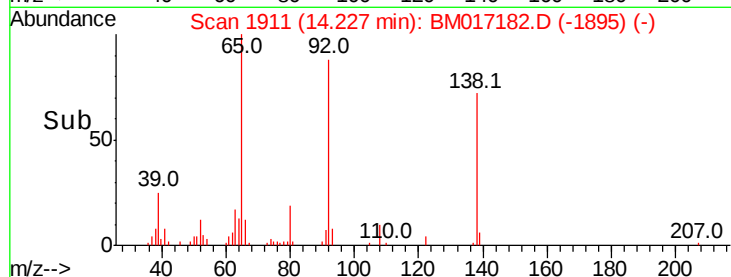
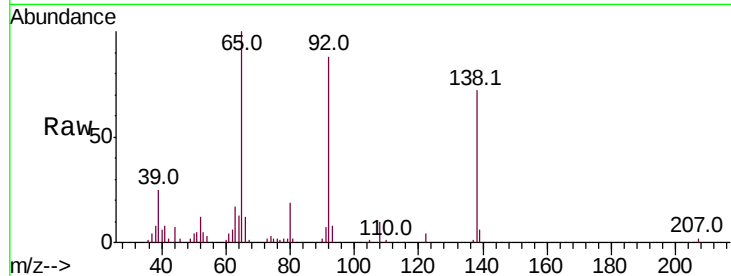
#53
3-Nitroaniline
Concen: 5.276 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion:138 Resp: 45032
Ion Ratio Lower Upper
138 100
108 13.8 8.7 13.1#
92 122.3 87.9 131.9

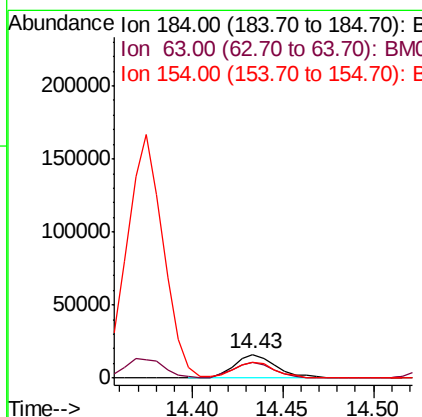
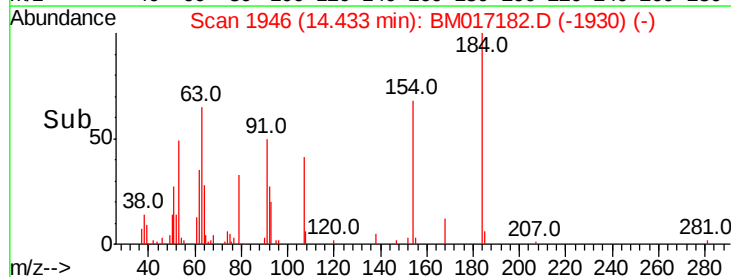
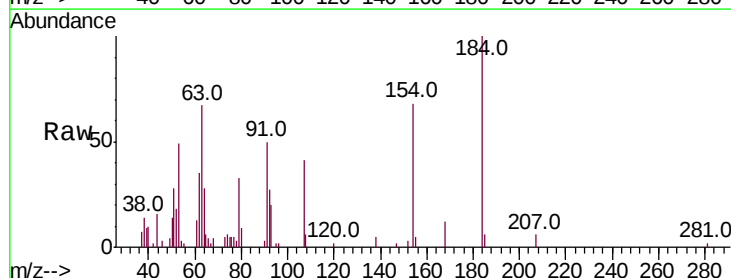
Manual Integrations
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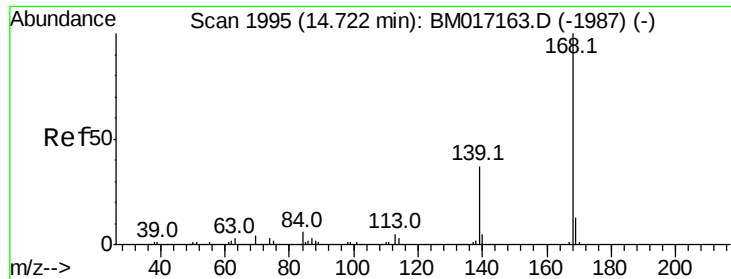
Sohil
10/18/2018 5:33:39 PM



#54
2,4-Dinitrophenol
Concen: 13.197 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:184 Resp: 25613
Ion Ratio Lower Upper
184 100
63 66.8 51.2 76.8
154 68.1 47.8 71.8





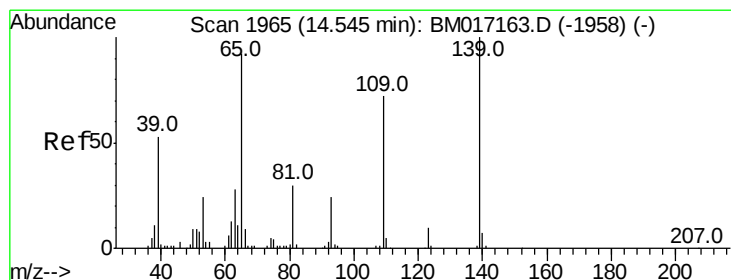
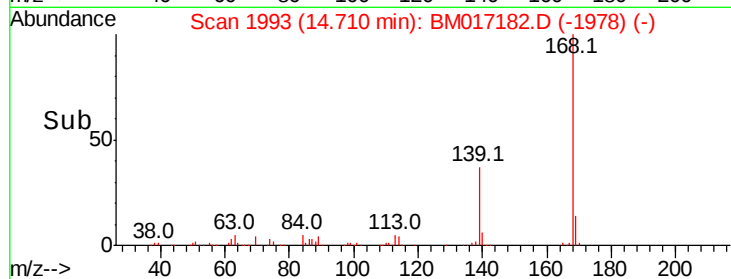
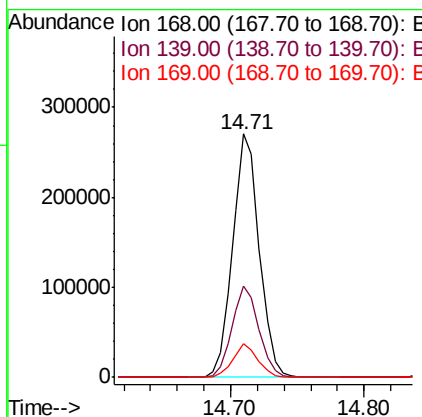
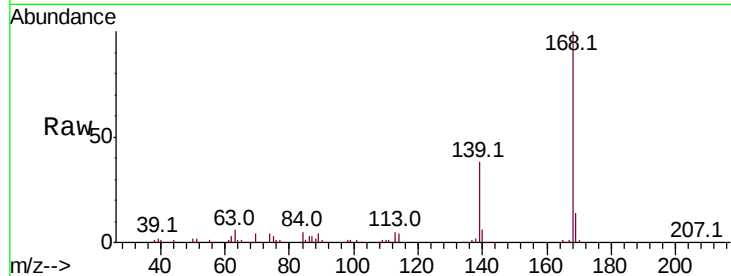
#55
Dibenzenofuran
Concen: 8.073 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.3	43.9
169	13.6	10.6	15.8

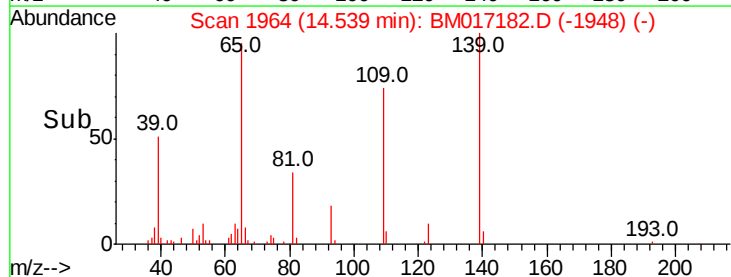
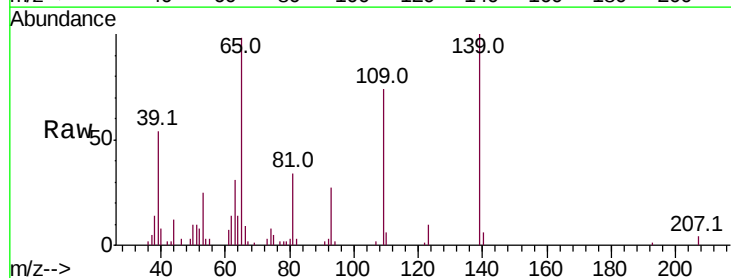
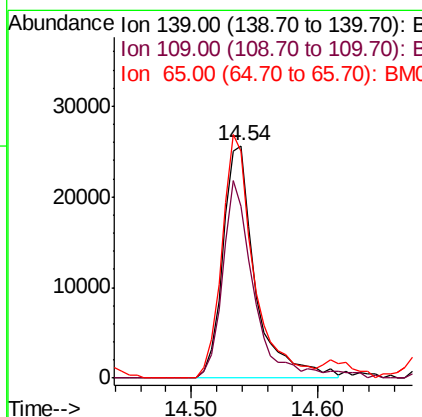
Manual Integrations
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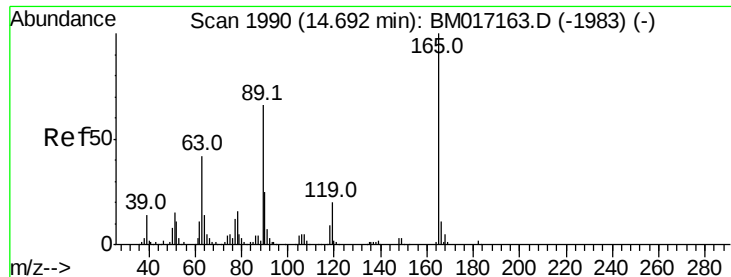
Sohil
10/18/2018 5:33:39 PM



#56
4-Nitrophenol
Concen: 10.209 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.1	51.8	91.8
65	97.7	72.1	112.1





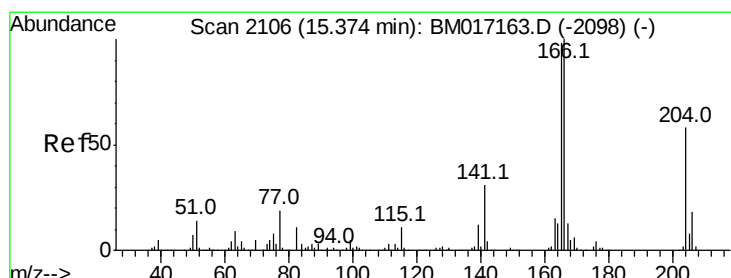
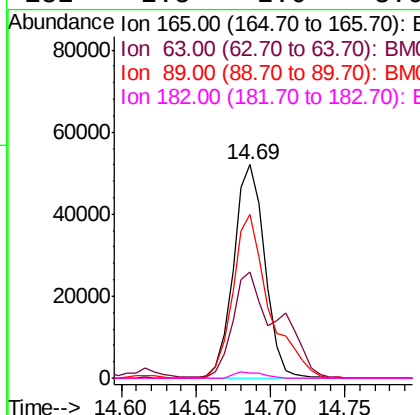
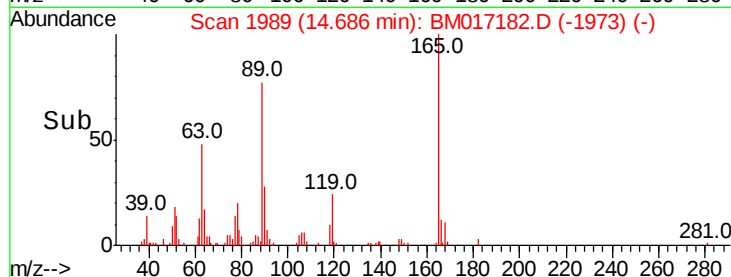
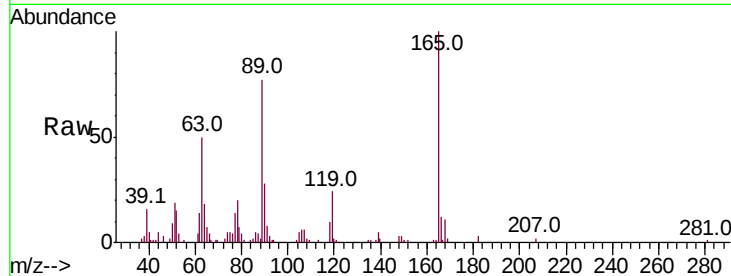
#57
2,4-Dinitrotoluene
Concen: 7.163 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.7	33.8	50.8	
89	76.7	53.1	79.7	
182	2.5	2.0	3.0	

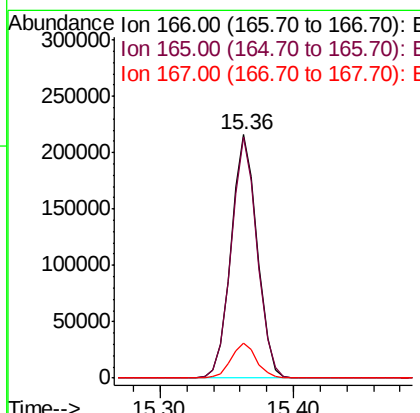
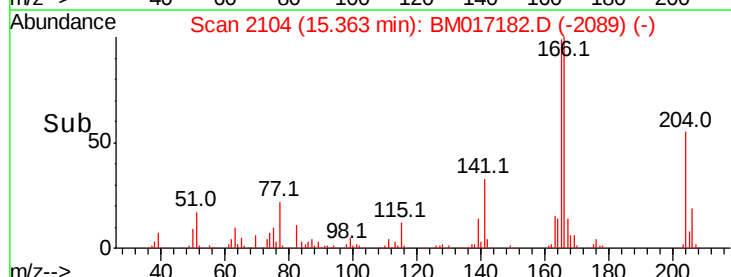
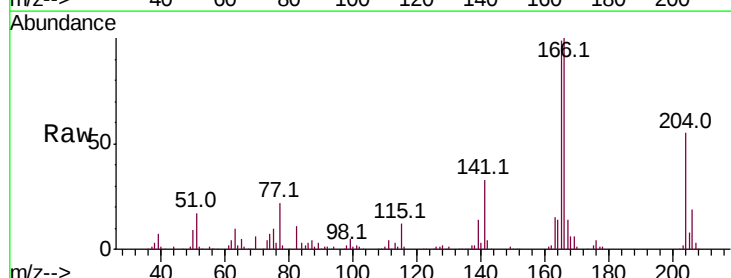
Manual Integrations
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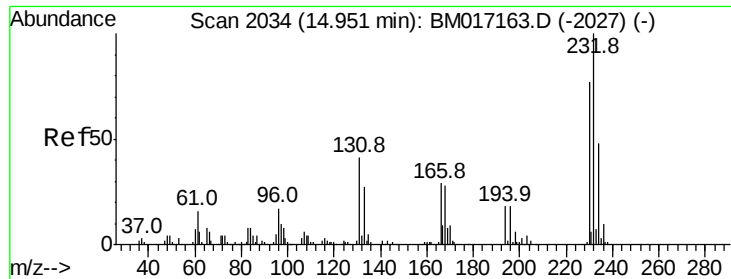
Sohil
10/18/2018 5:33:39 PM



#58
Fluorene
Concen: 8.577 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	78.1	117.1	
167	14.2	10.6	16.0	





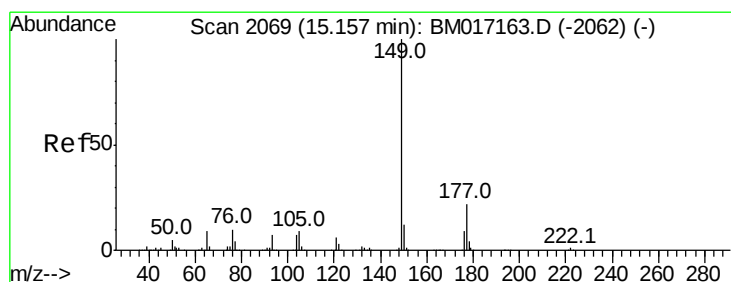
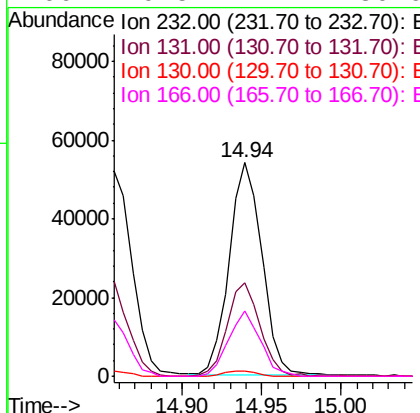
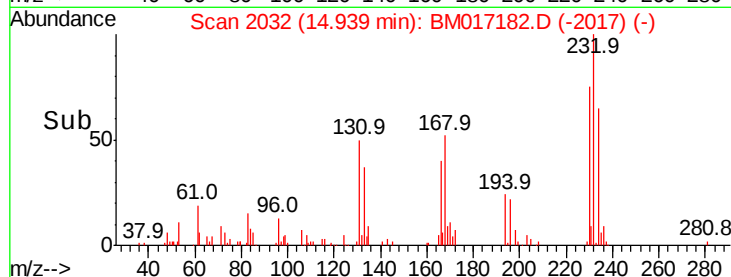
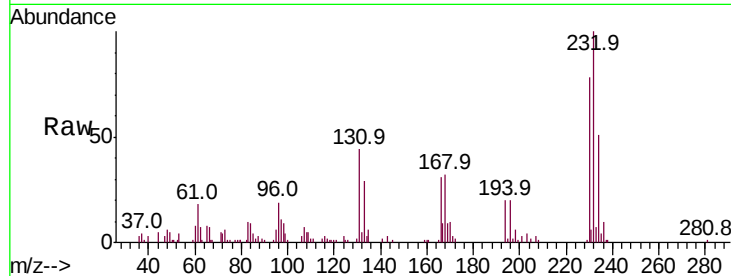
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.346 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

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

Tot Ion:	232	Resp:	77403
Ion Ratio	Lower	Upper	
232	100		
131	44.0	33.1	49.7
130	2.4	1.7	2.5
166	29.5	24.4	36.6

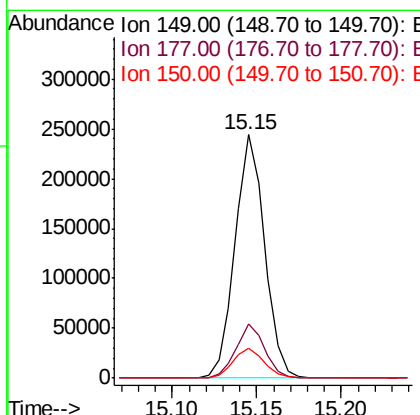
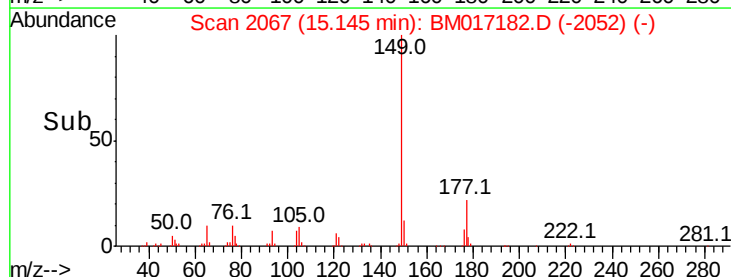
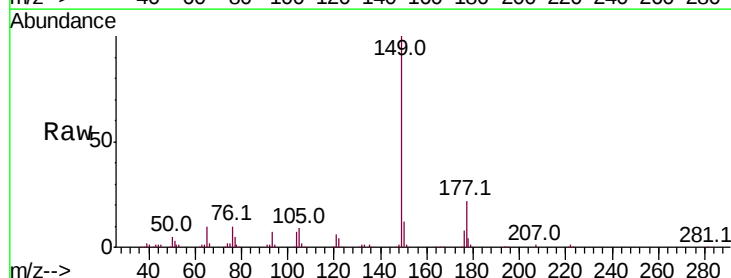
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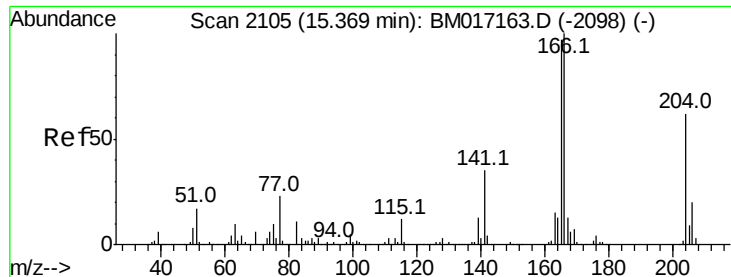
Sohil
 10/18/2018 5:33:39 PM



#60
 Diethylphthalate
 Concen: 8.378 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

Tgt Ion:	149	Resp:	297478
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.7	26.5
150	12.1	10.0	15.0





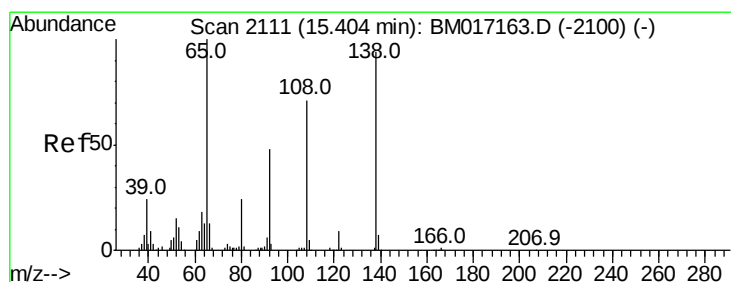
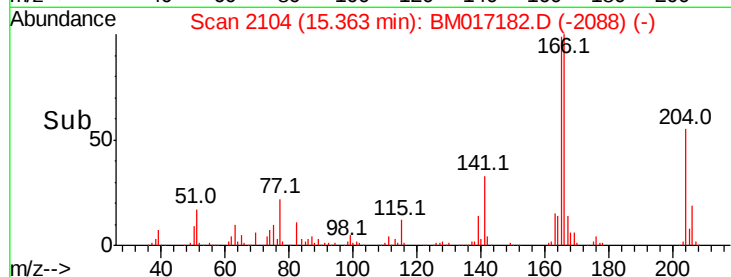
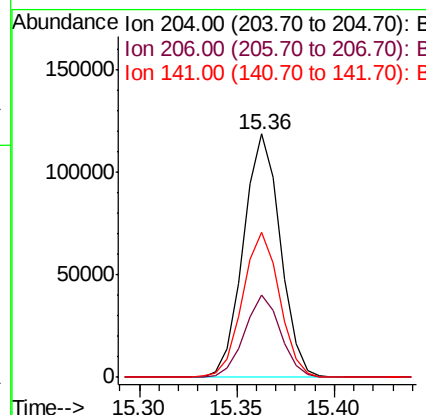
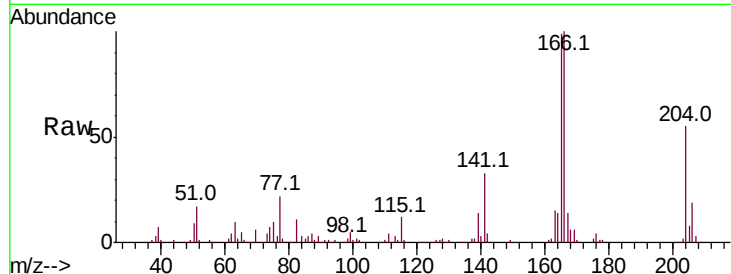
#61
 4-Chlorophenyl-phenylether
 Concen: 7.956 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Resp	Lower	Upper
204	100	156103		
206	33.9	26.1	39.1	
141	59.8	45.4	68.2	

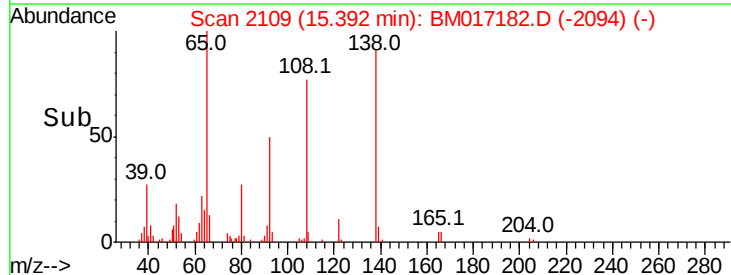
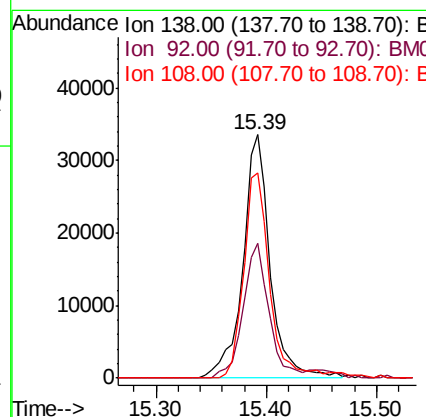
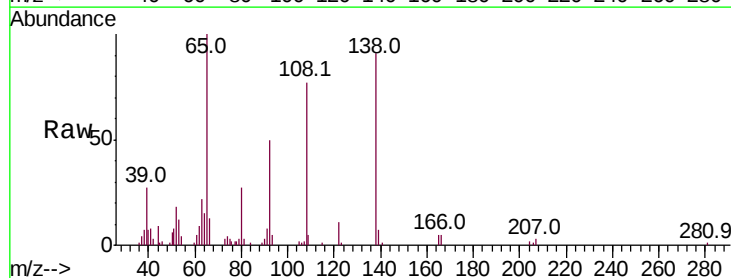
Manual Integrations
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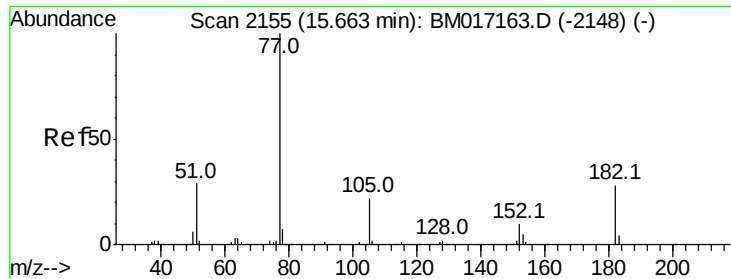
Sohil
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#62
 4-Nitroaniline
 Concen: 10.254 ng
 RT: 15.39 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	58138		
92	55.3	31.2	71.2	
108	84.5	55.5	95.5	





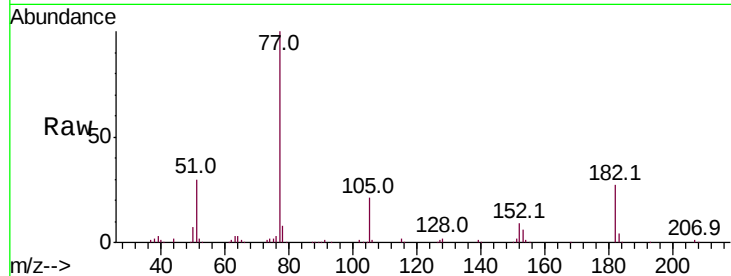
#63
Azobenzene
Concen: 7.759 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		267786		
182	27.1	8.3	48.3		
105	21.4	1.5	41.5		
51	29.9	8.8	48.8		

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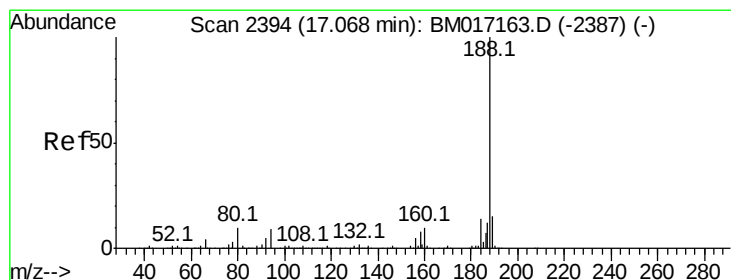
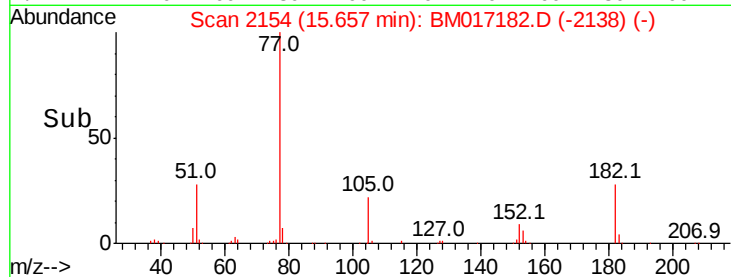
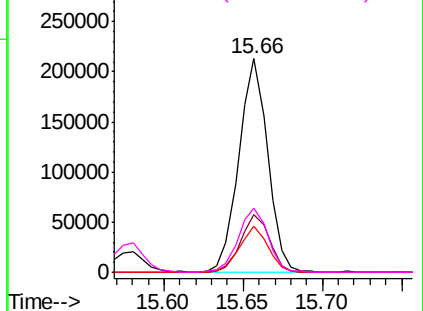


Abundance Ion 77.00 (76.70 to 77.70): BM017182.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017182.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017182.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017182.D (-2138) (-)



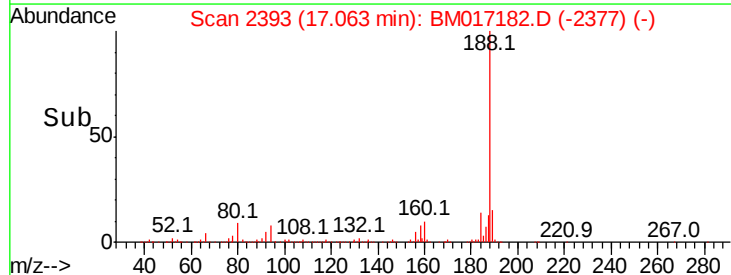
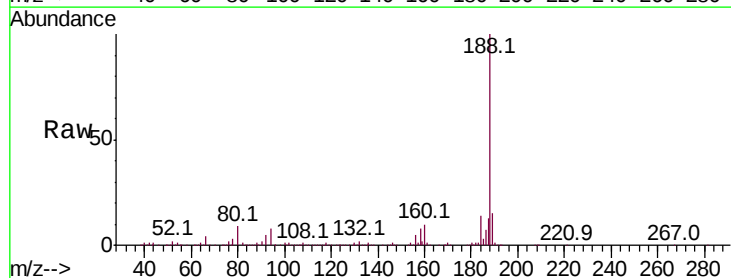
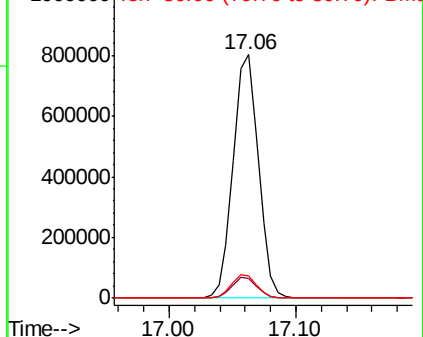
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

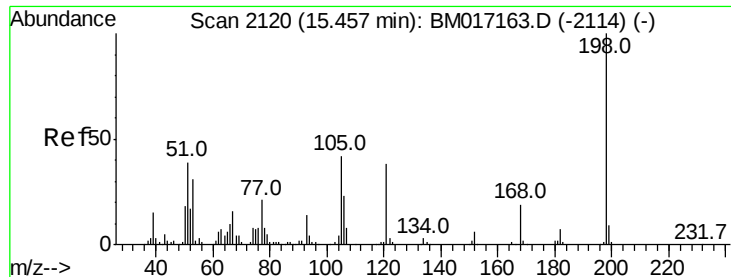
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		1107477		
94	8.3	7.0	10.4		
80	9.1	7.7	11.5		

Abundance Ion 188.00 (187.70 to 188.70): BM017182.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017182.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017182.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 11.701 ng

RT: 15.45 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

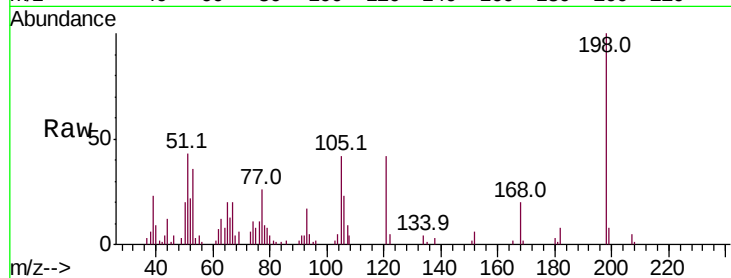
ClientSampleId :

MDL-WATER-03-QT4-2018

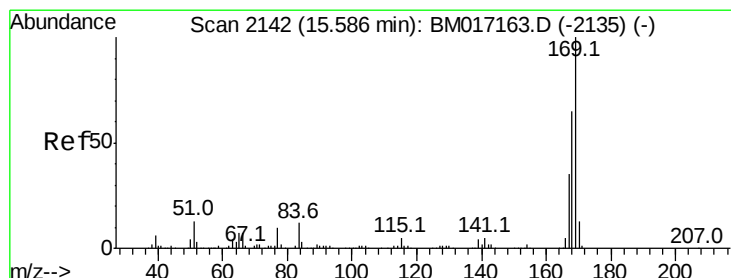
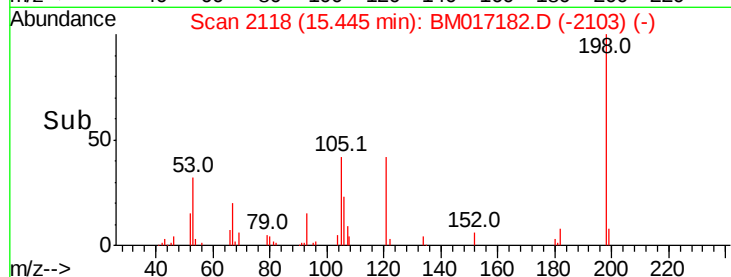
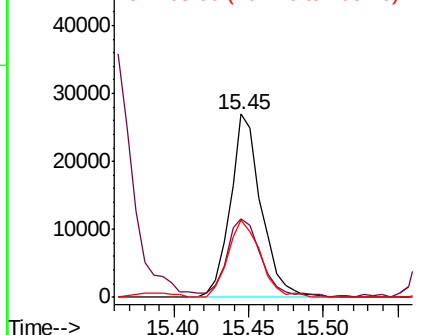
Tot Ion:	198	Resp:	39122
Ion Ratio	Lower	Upper	
198	100		
51	43.0	20.3	60.3
105	42.0	21.9	61.9

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



#66

n-Nitrosodiphenylamine

Concen: 7.750 ng

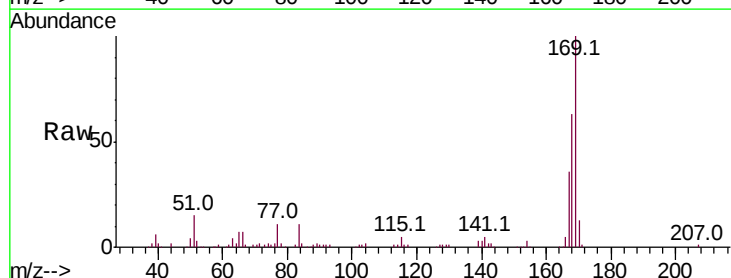
RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

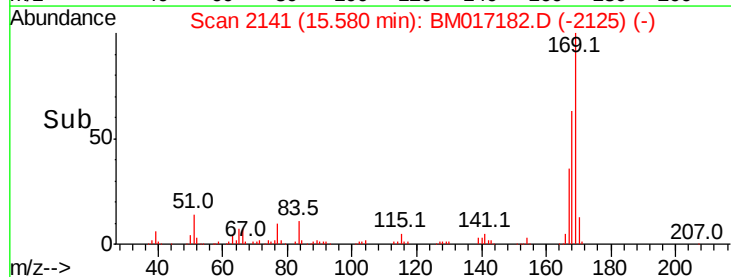
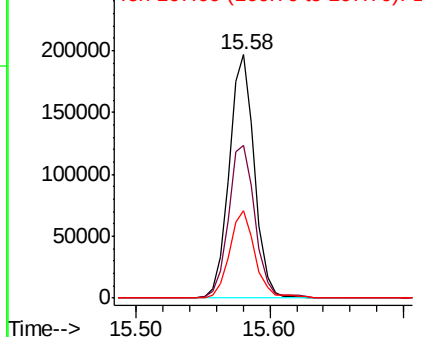
Lab File: BM017182.D

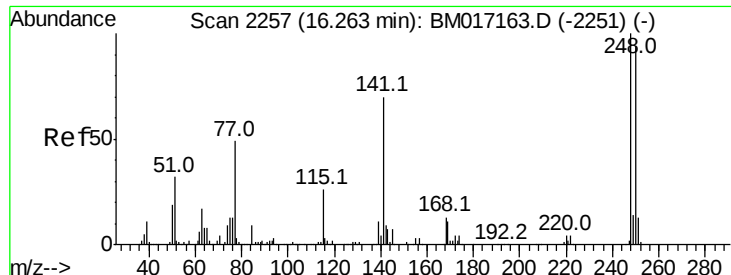
Acq: 18 Oct 2018 07:21

Tgt Ion:	169	Resp:	259673
Ion Ratio	Lower	Upper	
169	100		
168	62.9	52.2	78.4
167	36.1	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





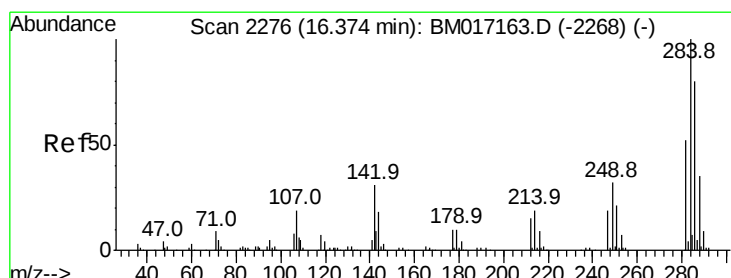
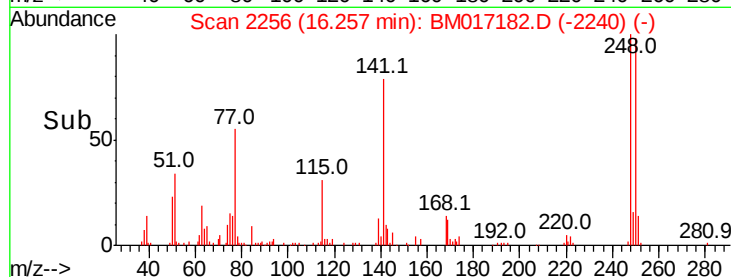
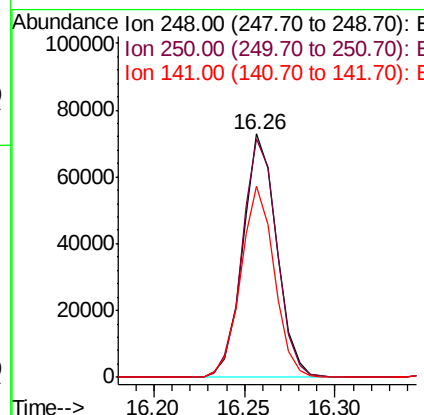
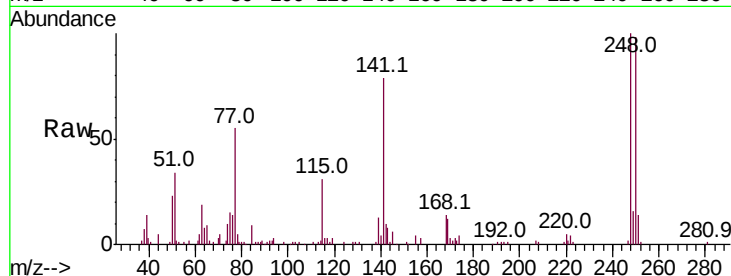
#67
4-Bromophenyl-phenylether
Concen: 7.786 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	75.1	112.7
141	78.6	55.6	83.4

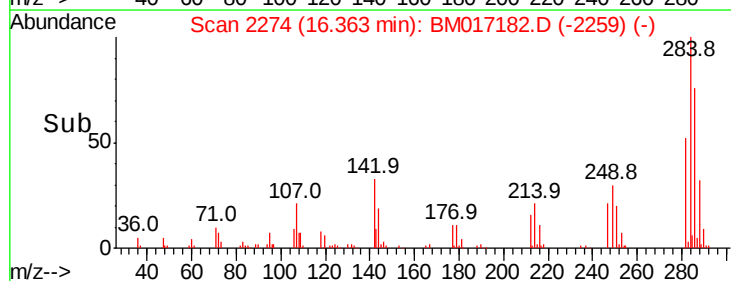
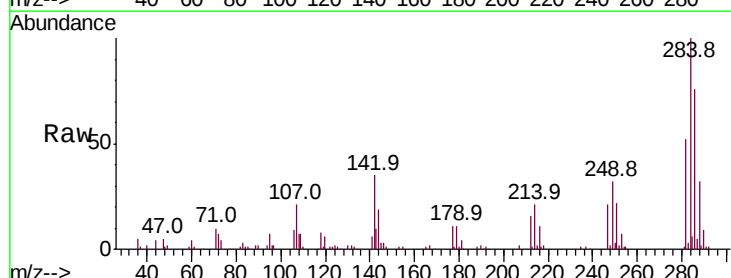
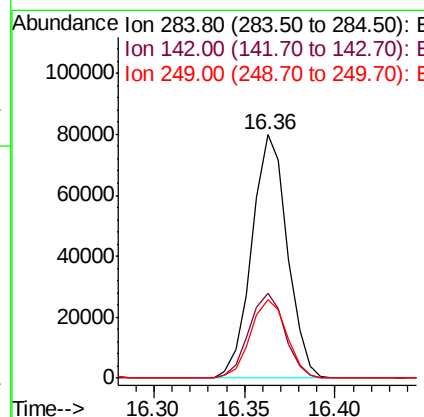
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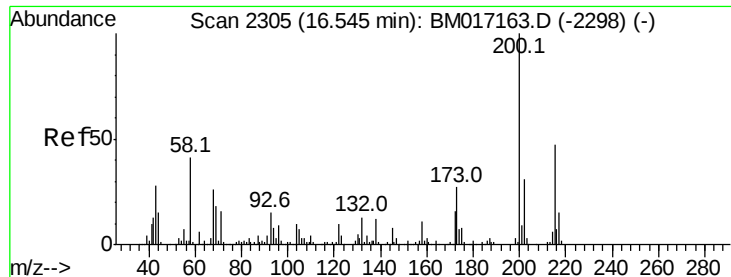
Sohil
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#68
Hexachlorobenzene
Concen: 7.717 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	25.0	37.6
249	32.1	25.5	38.3





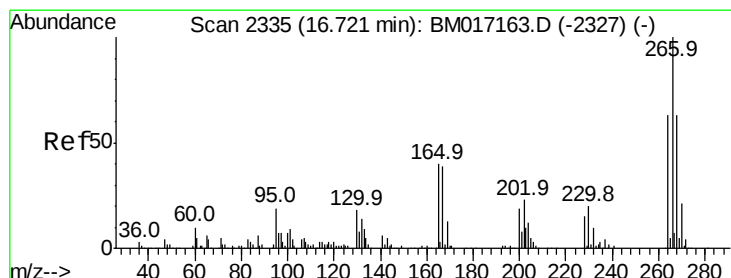
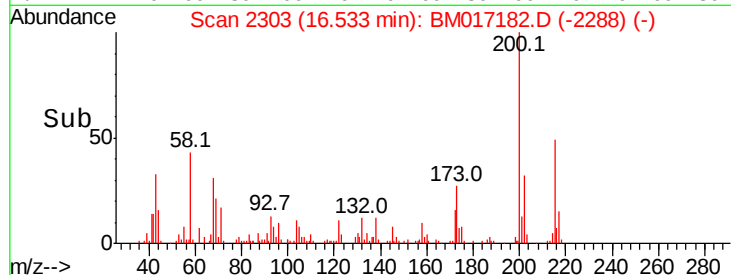
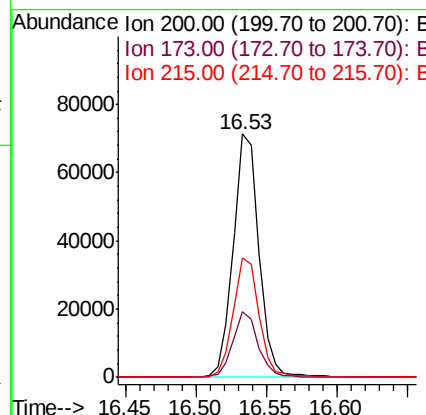
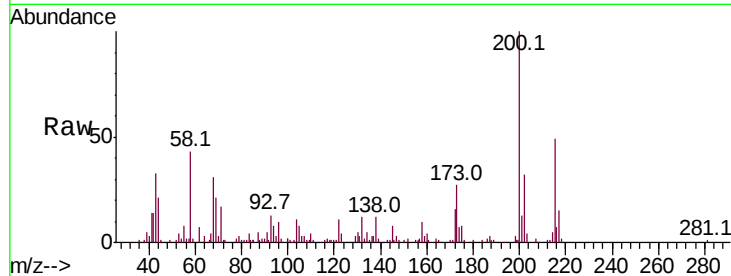
#69
Atrazine
Concen: 7.571 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.0	47.0
215	49.2	27.3	67.3

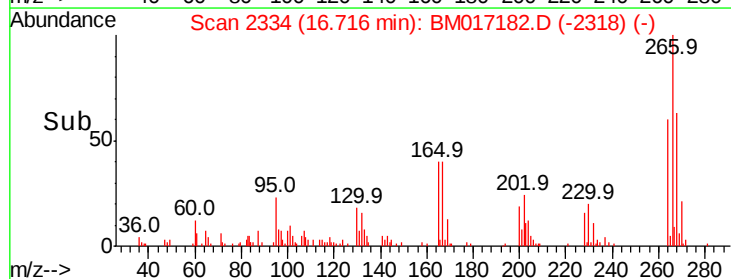
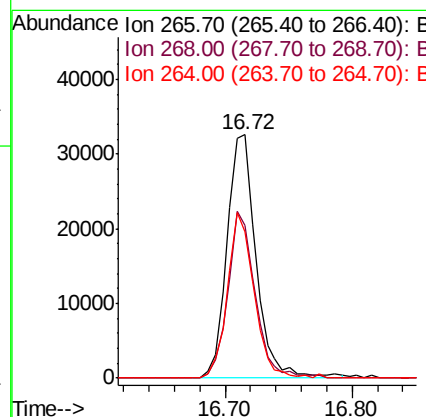
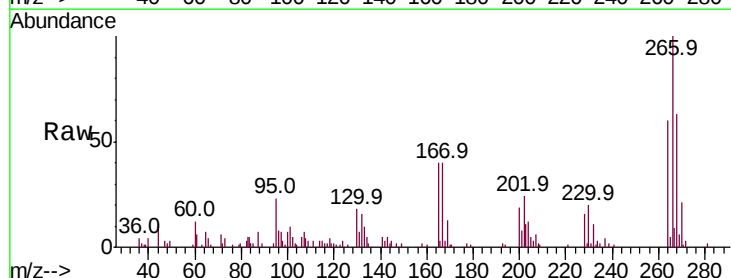
Manual Integrations
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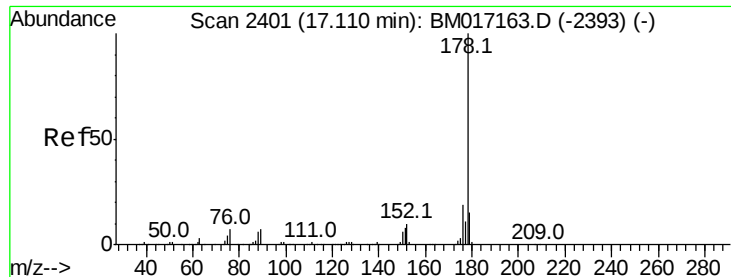
Sohil
10/18/2018 5:33:39 PM



#70
Pentachlorophenol
Concen: 5.348 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.7	76.1
264	59.9	50.4	75.6





#71

Phenanthrene

Concen: 8.376 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

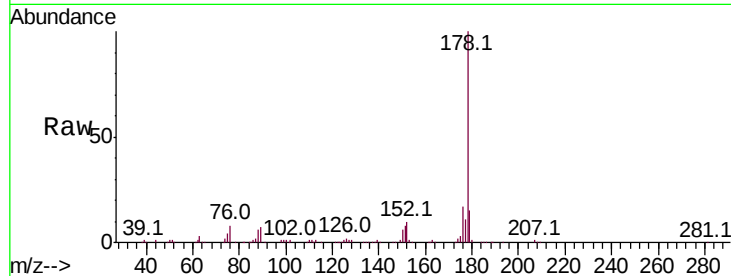
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.0	22.6
179	15.1	12.3	18.5

Manual Integrations
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Sohil
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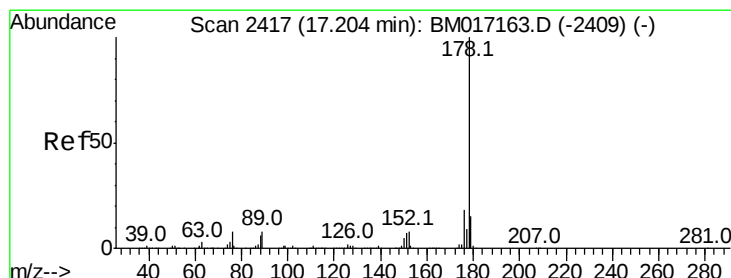
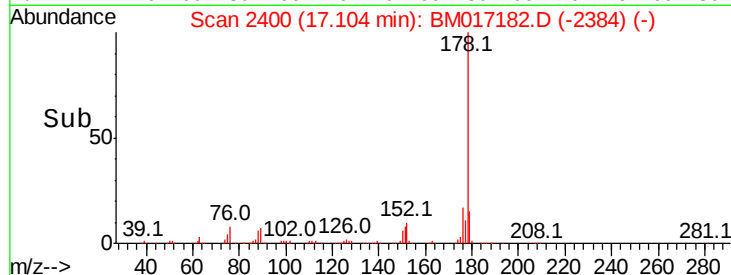
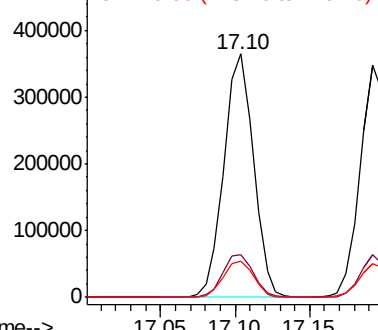


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 8.534 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

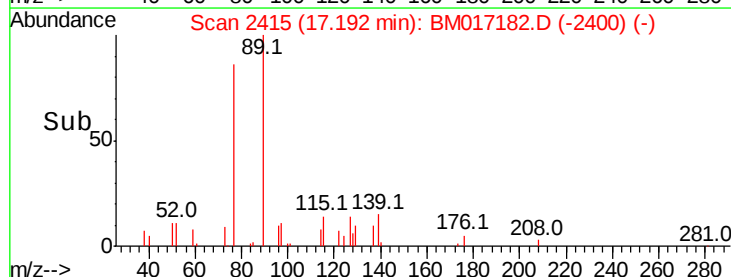
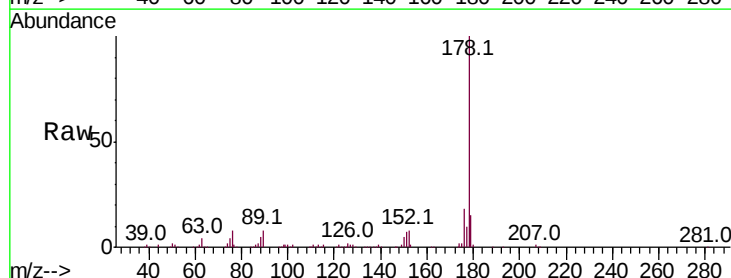
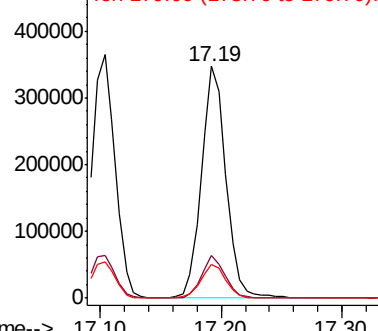
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	14.6	12.2	18.2

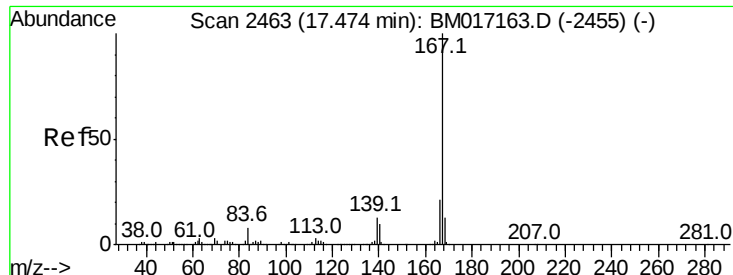
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





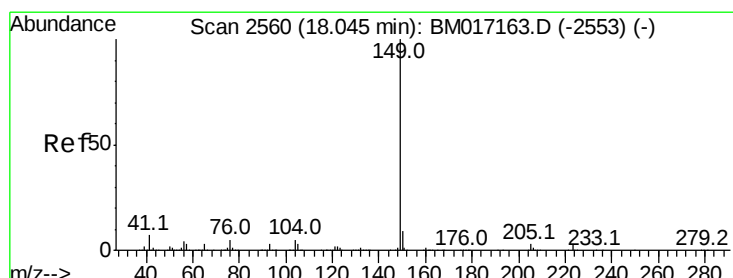
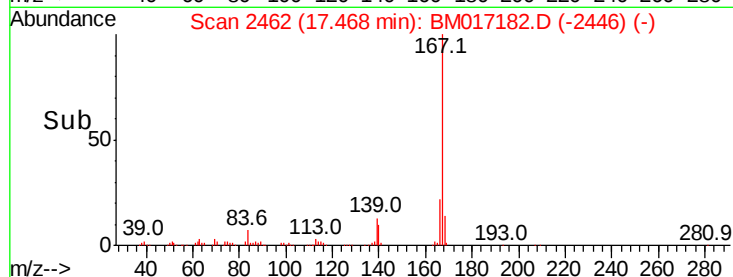
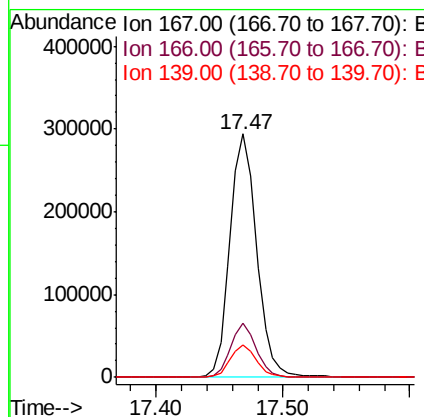
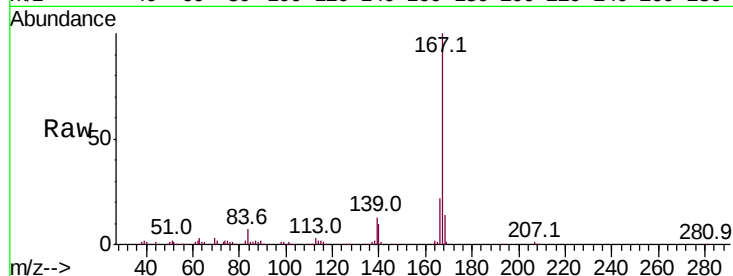
#73
 Carbazole
 Concen: 7.397 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.4	17.1	25.7	
139	13.1	10.1	15.1	

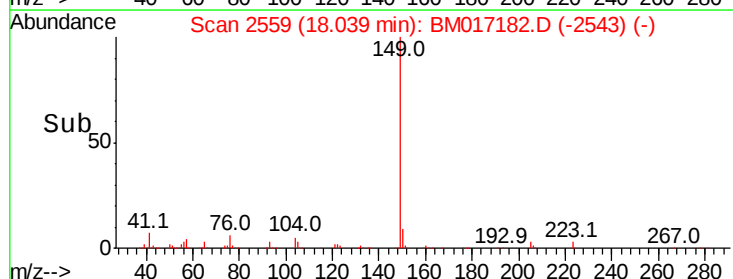
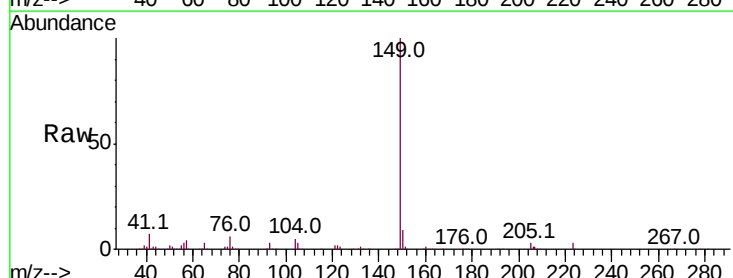
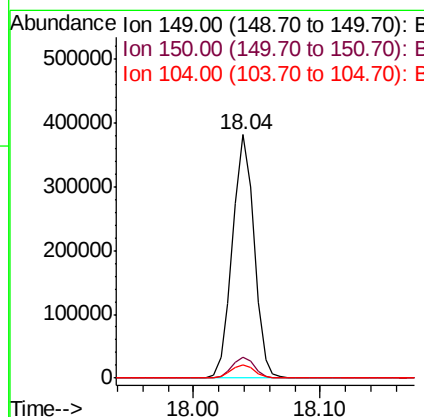
Manual Integrations
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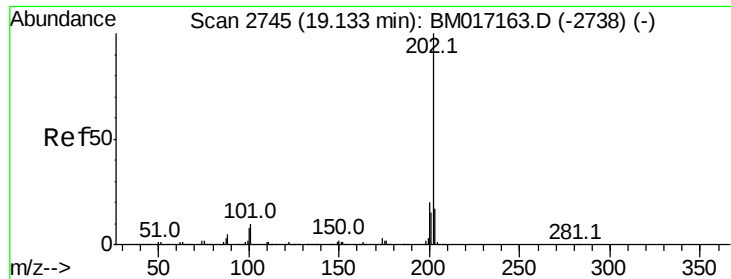
Sohil
 10/18/2018 5:33:39 PM



#74
 Di-n-butylphthalate
 Concen: 7.357 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.00 min
 Lab File: BM017182.D
 Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.6	7.4	11.0	
104	5.4	4.3	6.5	





#75

Fluoranthene

Concen: 8.725 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

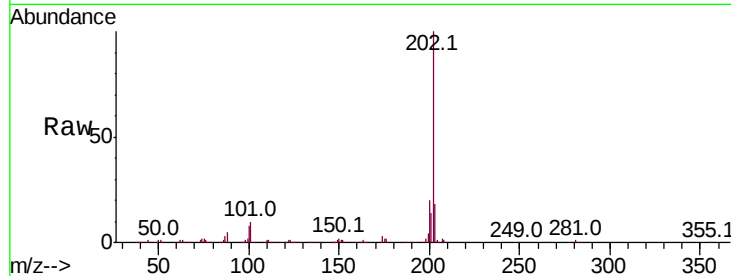
ClientSampleId :

MDL-WATER-03-QT4-2018

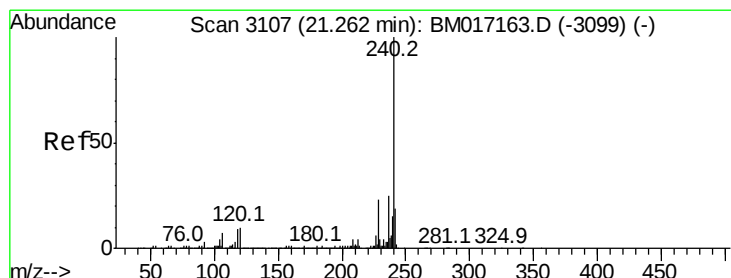
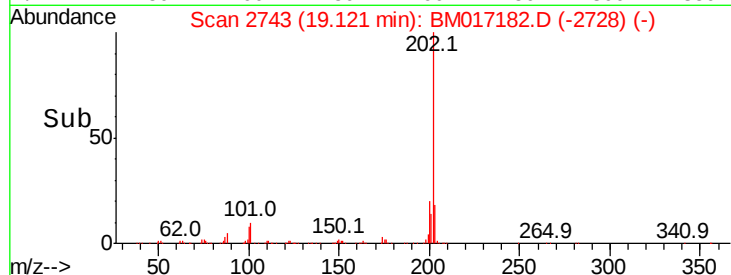
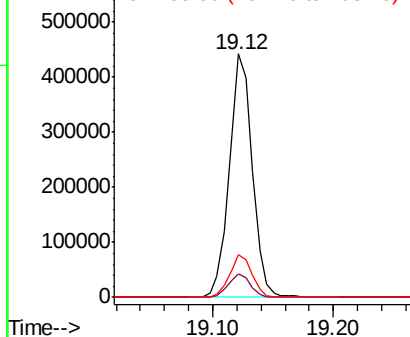
Tot Ion:	202	Resp:	586664
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.0
203	17.7	0.0	37.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

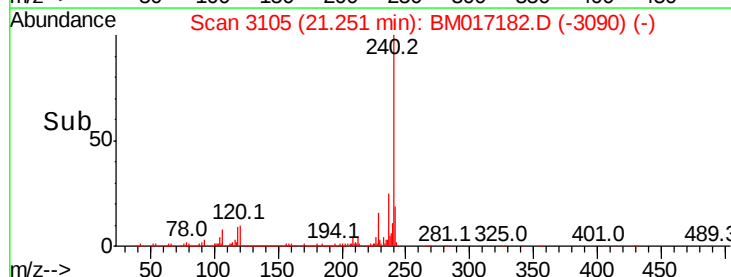
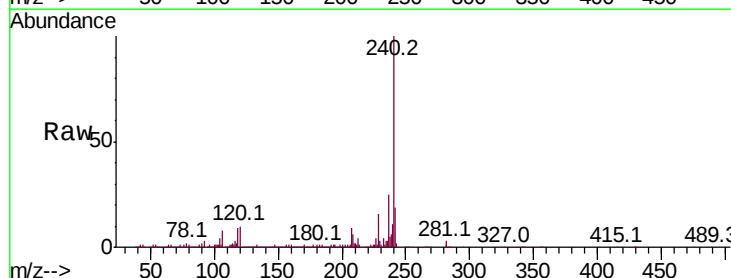
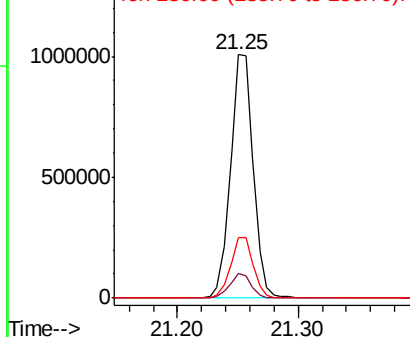
Delta R.T. -0.01 min

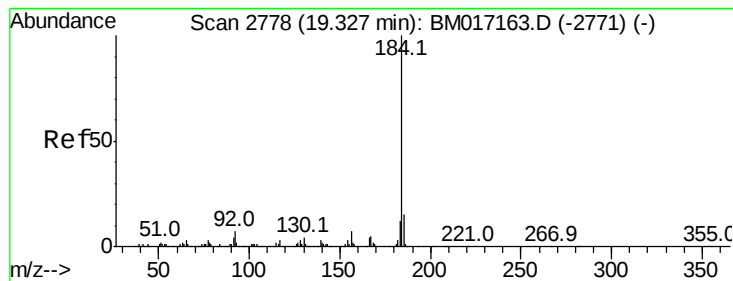
Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:	240	Resp:	1319105
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.1	12.1
236	25.0	19.9	29.9

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





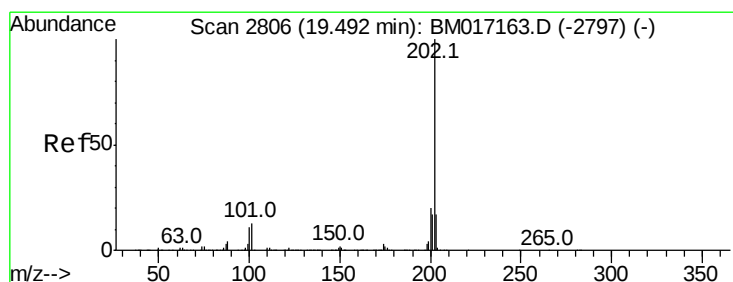
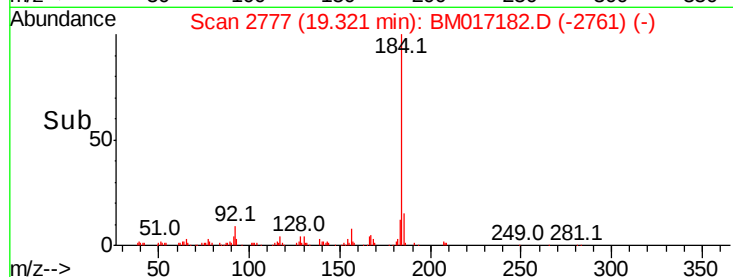
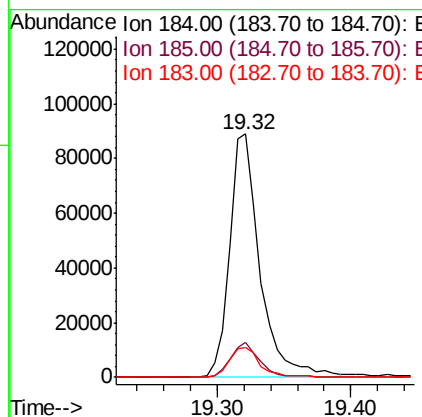
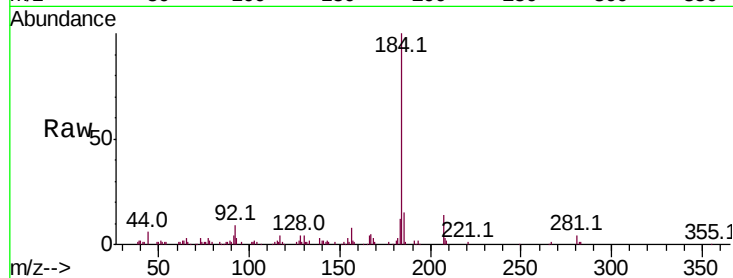
#77
Benzidine
Concen: 4.224 ng
RT: 19.32 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	12.4	9.7	14.5

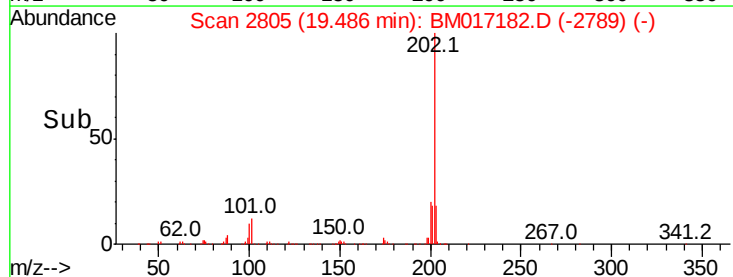
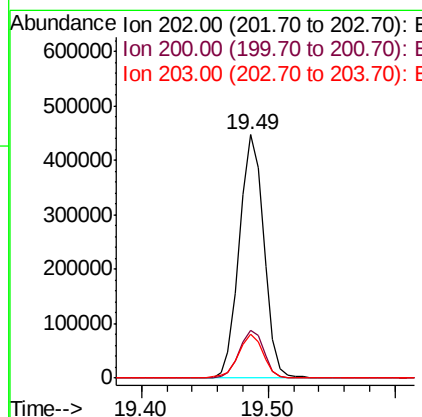
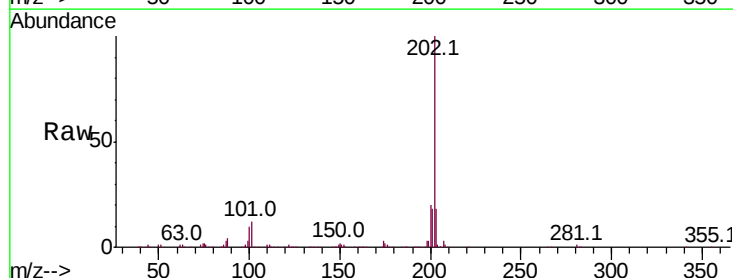
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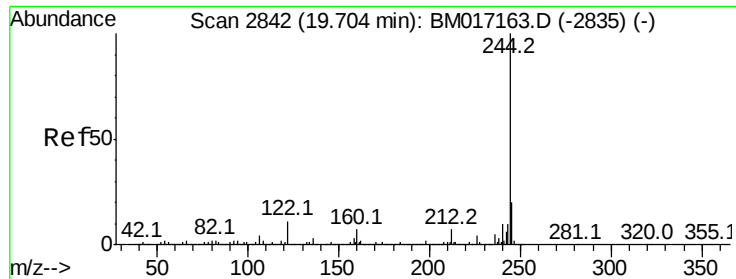
Sohil
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#78
Pyrene
Concen: 8.120 ng
RT: 19.49 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.3	24.5
203	17.9	13.9	20.9





#79

Terphenyl-d14

Concen: 79.467 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:244 Resp: 4650627

Ion Ratio Lower Upper

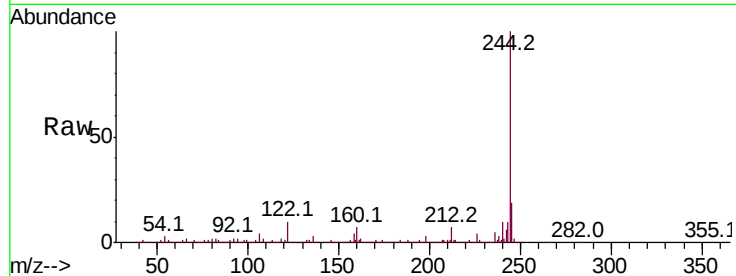
244 100

212 7.2 5.5 8.3

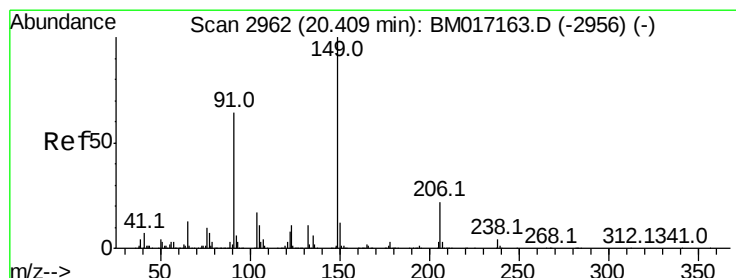
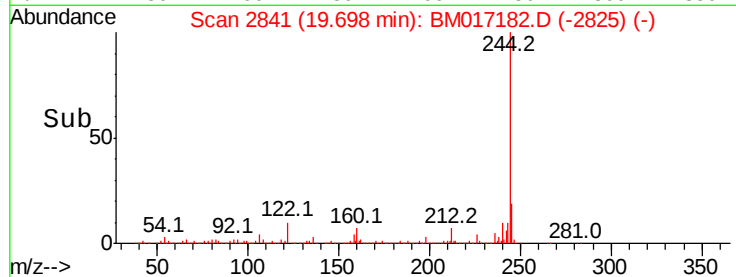
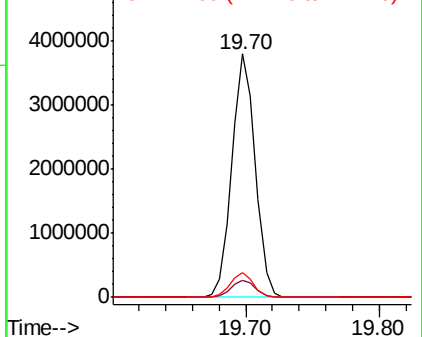
122 10.3 8.4 12.6

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



#80

Butylbenzylphthalate

Concen: 12.895 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

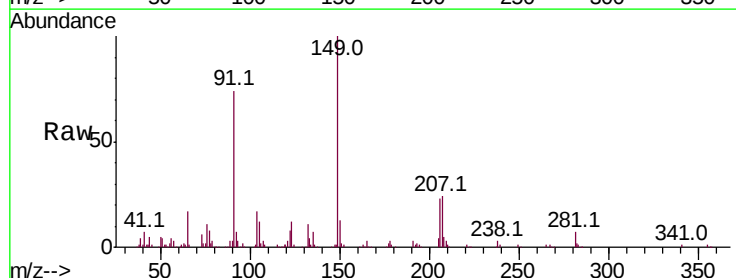
Tgt Ion:149 Resp: 188663

Ion Ratio Lower Upper

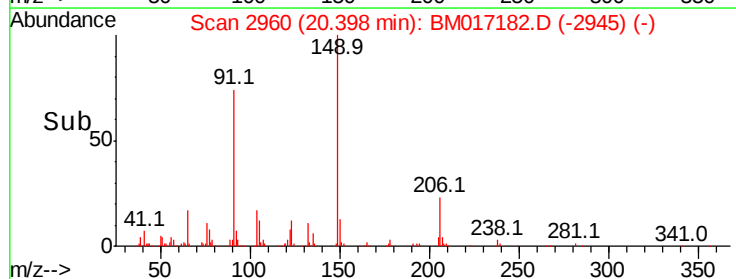
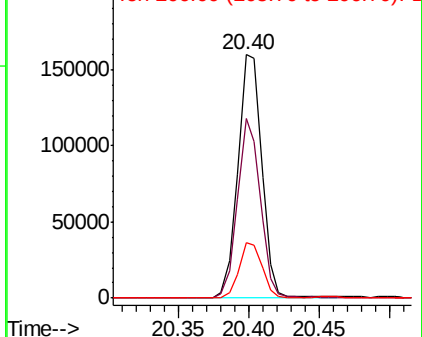
149 100

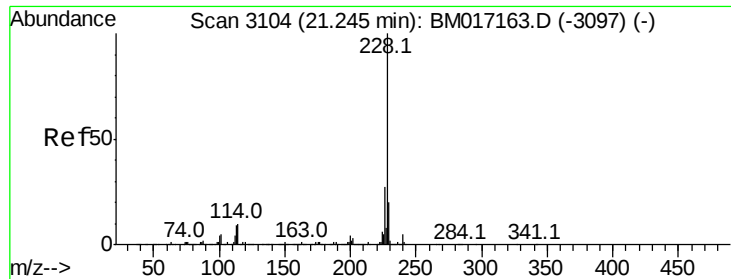
91 73.5 51.3 76.9

206 22.7 18.0 27.0



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





#81

Benzo(a)anthracene

Concen: 8.434 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

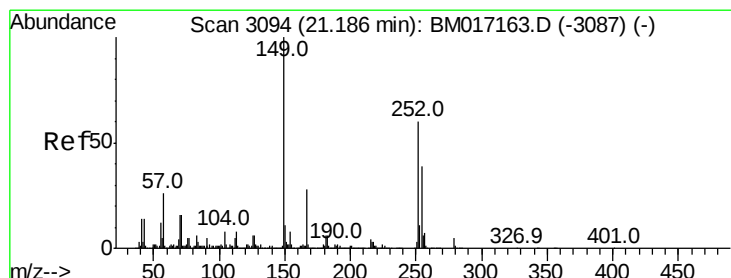
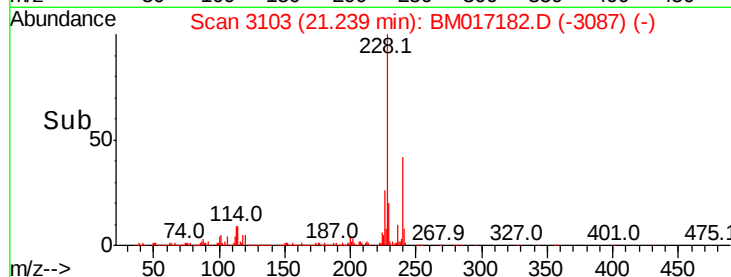
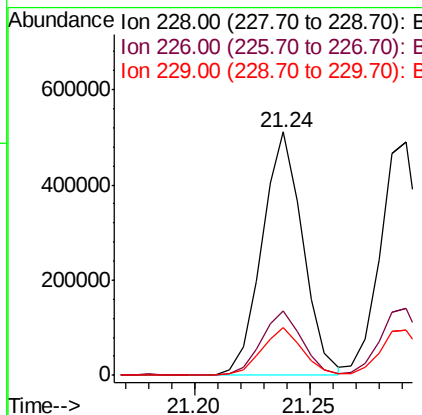
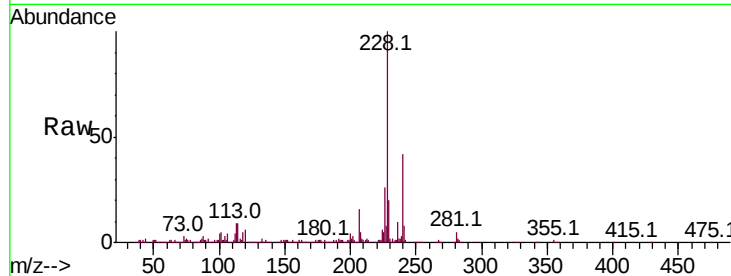
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	228	Resp:	626054
Ion Ratio	Lower	Upper	
228	100		
226	26.2	21.4	32.0
229	19.5	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 5.232 ng

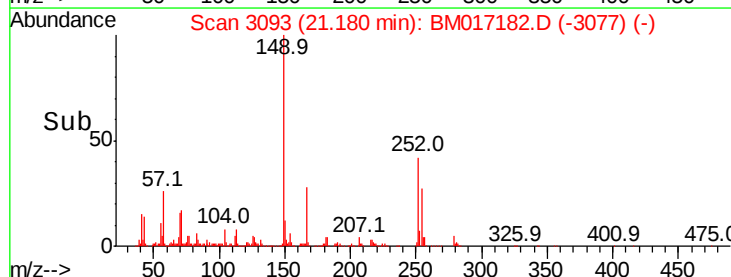
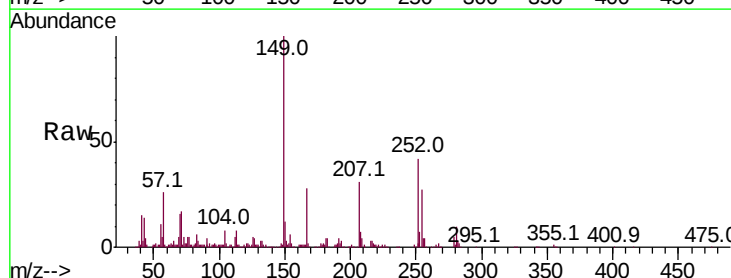
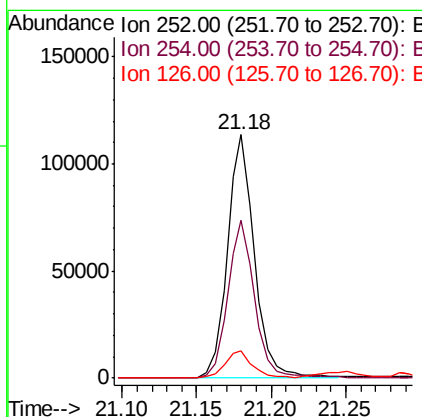
RT: 21.18 min Scan# 3093

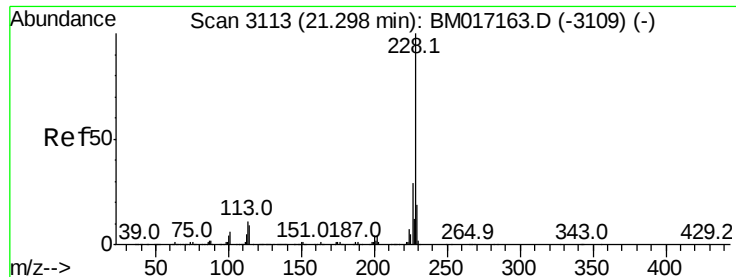
Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:	252	Resp:	144753
Ion Ratio	Lower	Upper	
252	100		
254	64.9	52.1	78.1
126	11.3	8.6	12.8





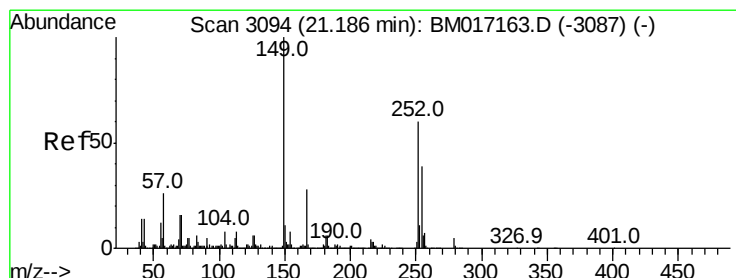
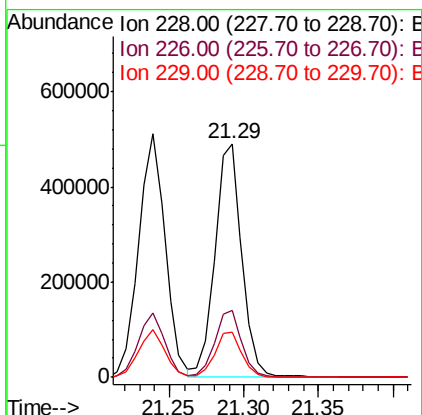
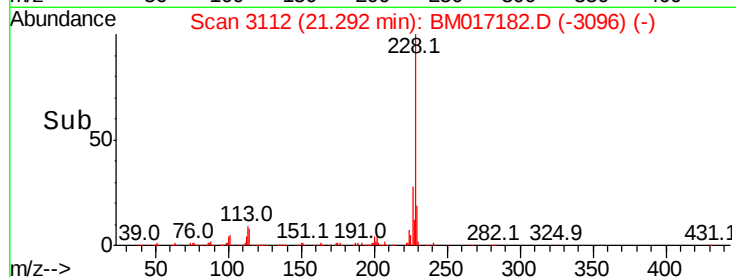
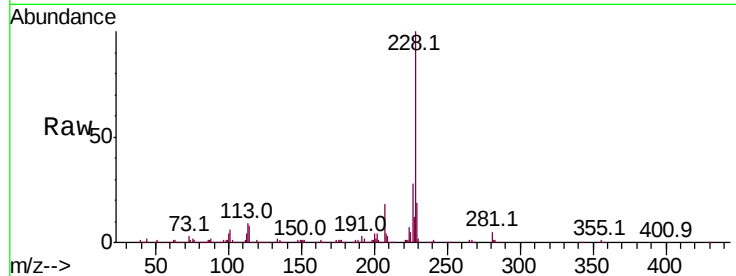
#83
Chrysene
Concen: 8.381 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion:	228	Resp:	615771
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.3	34.9
229	19.2	15.6	23.4

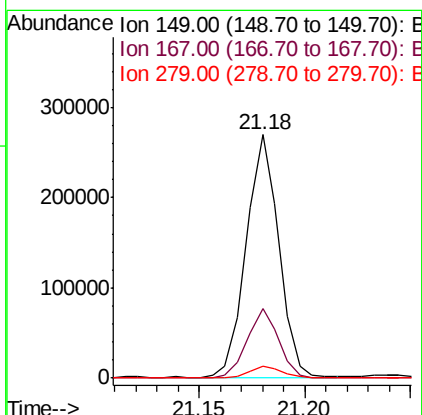
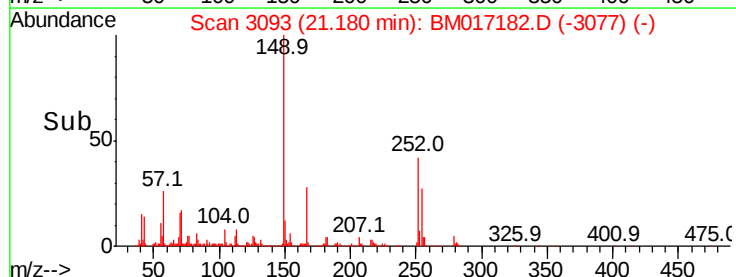
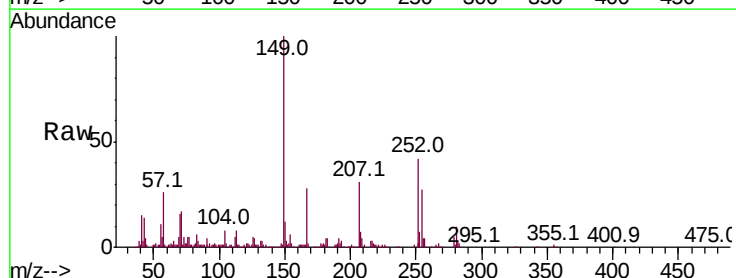
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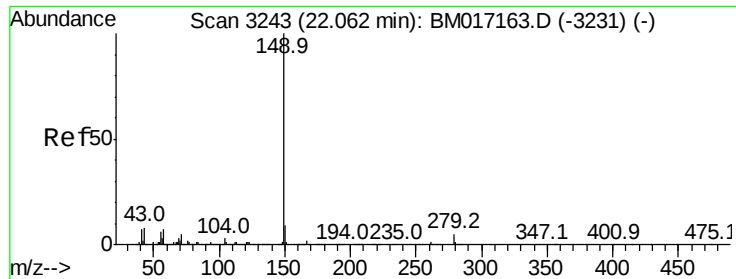
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 11.278 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion:	149	Resp:	288099
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.2	33.4
279	4.7	3.6	5.4





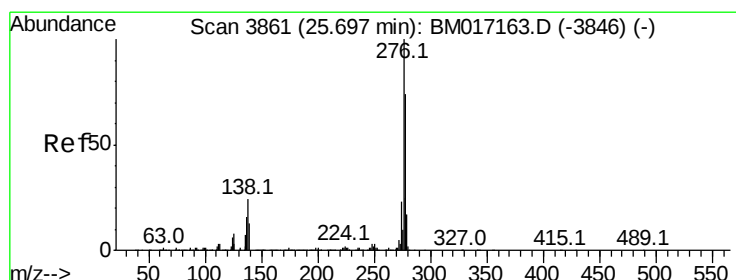
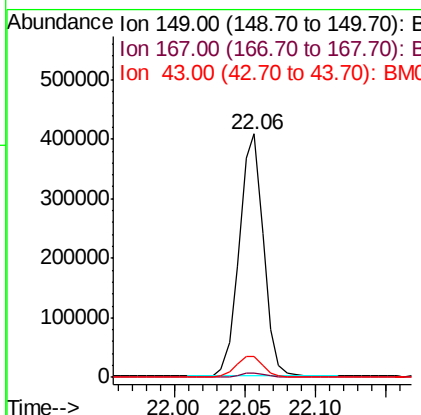
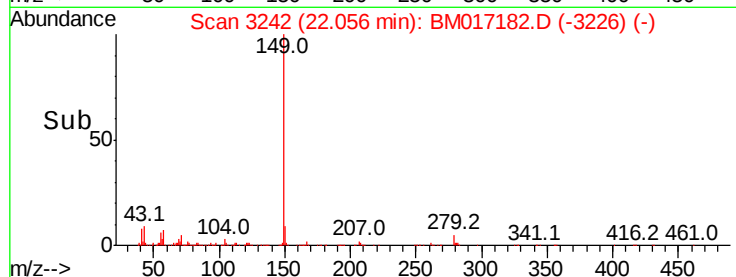
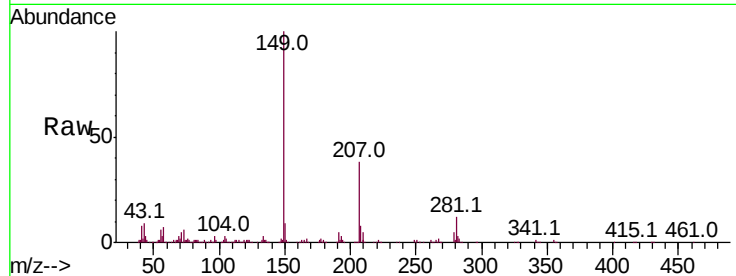
#85
Di-n-octyl phthalate
Concen: 11.489 ng
RT: 22.06 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	486778		
167	1.8		1.4	2.0
43	9.5		7.2	10.8

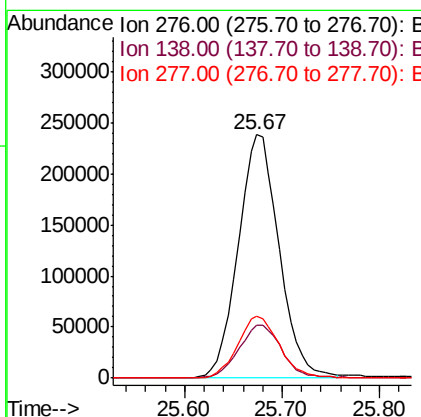
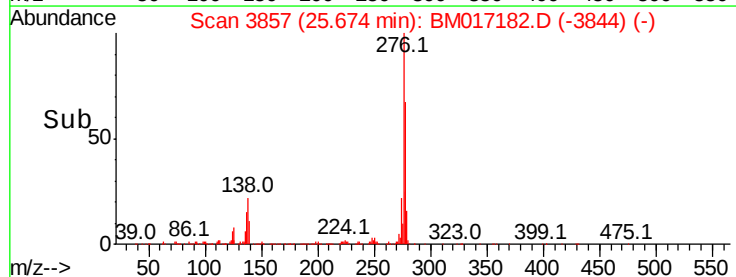
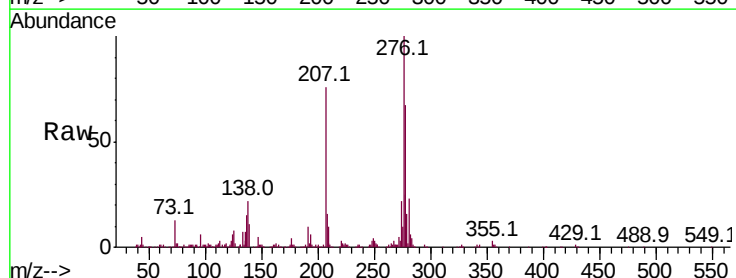
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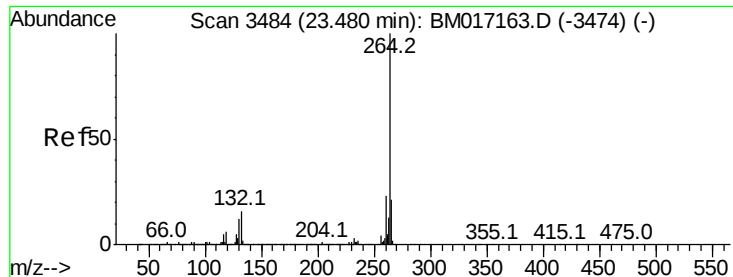
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 8.509 ng
RT: 25.67 min Scan# 3857
Delta R.T. -0.02 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	699250		
138	22.8		19.5	29.3
277	25.7		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: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

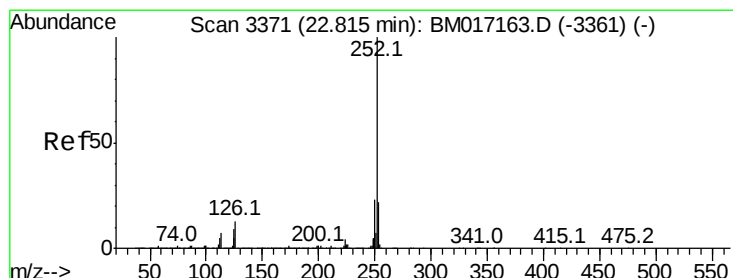
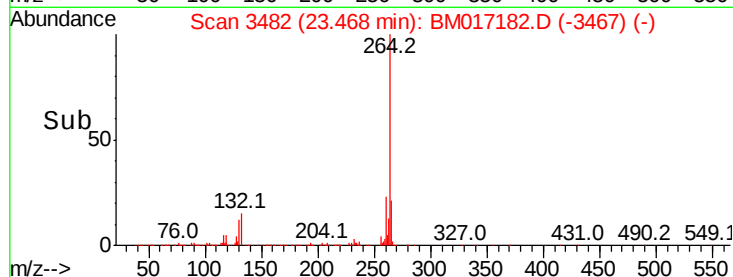
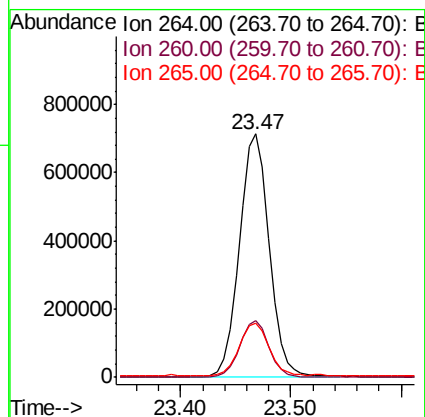
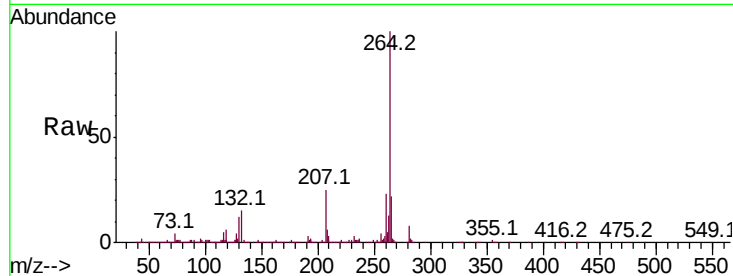
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	264	Resp:	1359123
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.6	27.8
265	22.3	17.8	26.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 8.704 ng

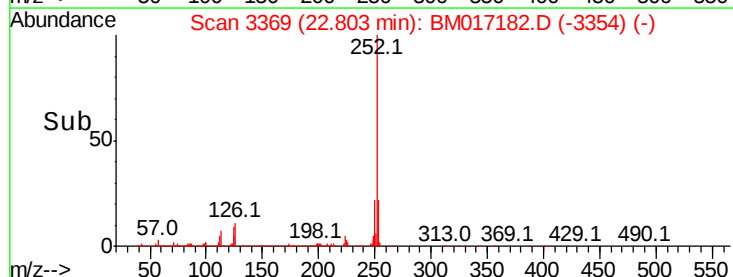
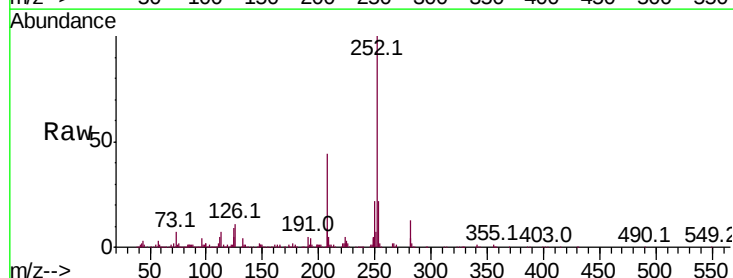
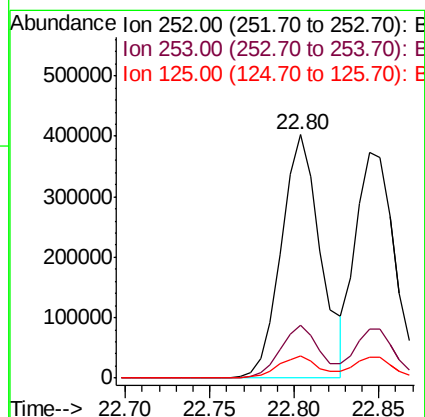
RT: 22.80 min Scan# 3369

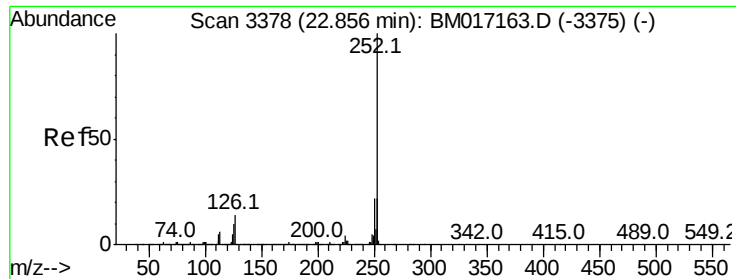
Delta R.T. -0.01 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:	252	Resp:	646788
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	9.0	7.5	11.3





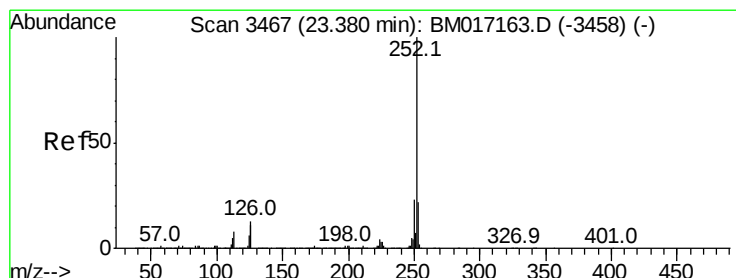
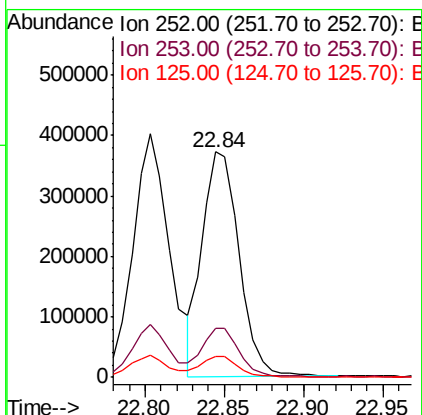
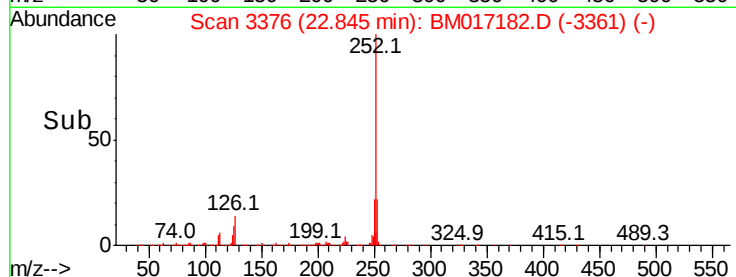
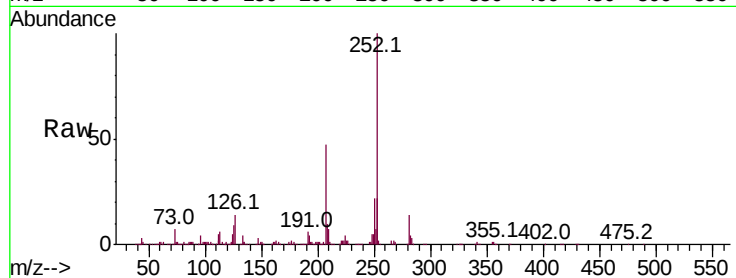
#89
Benzo(k)fluoranthene
Concen: 8.031 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.3	8.2	12.2

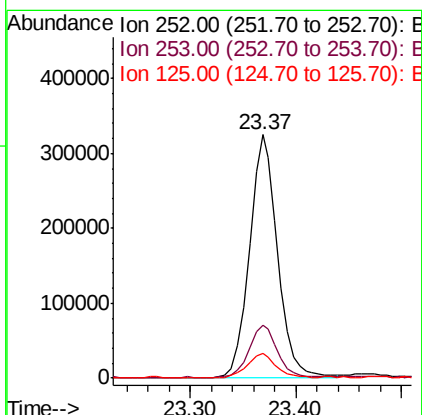
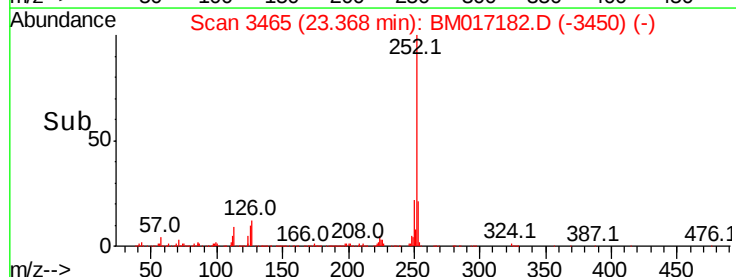
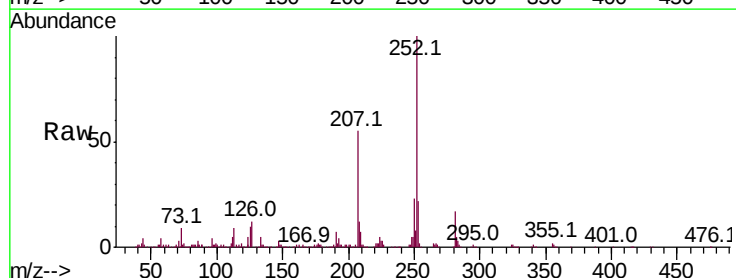
Manual Integrations
APPROVED

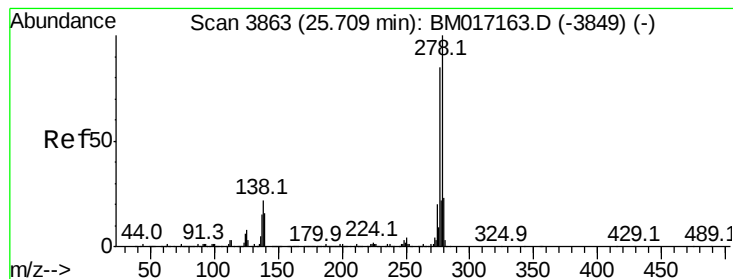
Sohil
10/18/2018 5:33:39 PM



#90
Benzo(a)pyrene
Concen: 8.442 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017182.D
Acq: 18 Oct 2018 07:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.1	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 8.463 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Instrument :

BNA_M

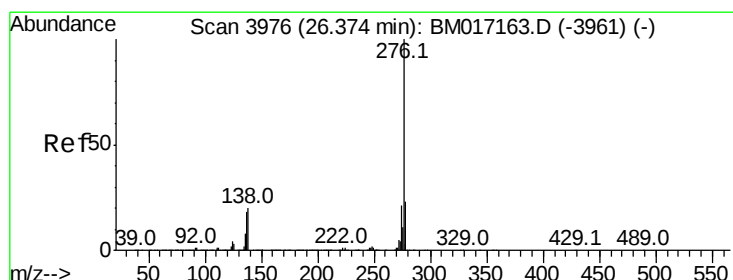
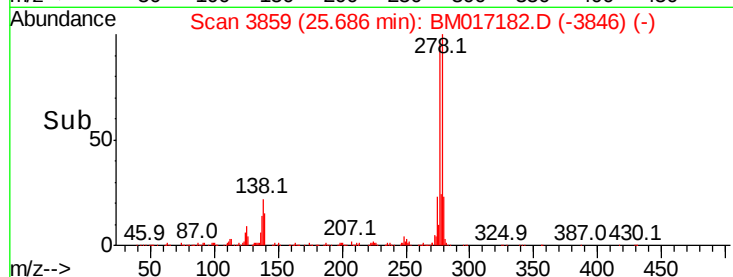
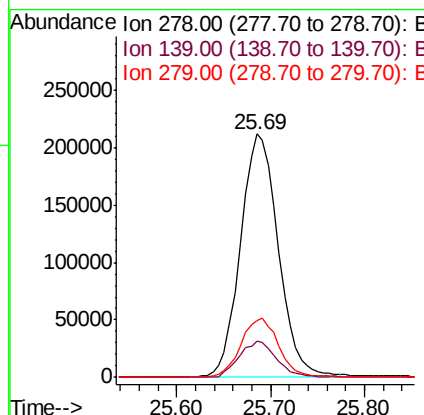
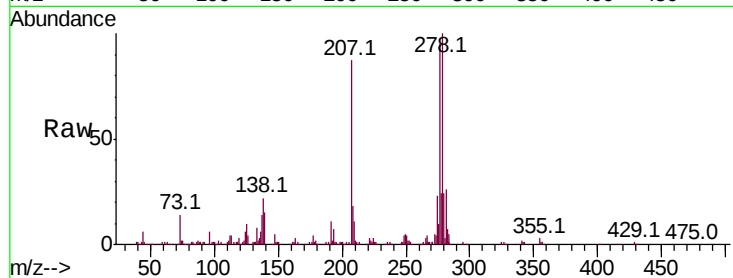
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	278	Resp:	592889
Ion Ratio	Lower	Upper	
278	100		
139	15.0	12.7	19.1
279	23.5	18.7	28.1

Manual Integrations
APPROVED

Sohil
10/18/2018 5:33:39 PM



#92

Benzo(g,h,i)perylene

Concen: 8.463 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017182.D

Acq: 18 Oct 2018 07:21

Tgt Ion:	276	Resp:	587632
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.6	28.0
138	20.5	16.4	24.6

