

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017179.D
 Acq On : 18 Oct 2018 05:34
 Operator : MJ/SJ
 Sample : J5164-09
 Misc : MDL 1 PPM
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 14:13:52 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	201953	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	854930	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	490093	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1170303	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1342444	20.00	ng	-0.01
87) Perylene-d12	23.47	264	1350063	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1598289	133.85	ng	0.00
7) Phenol-d6	6.85	99	2091290	128.60	ng	0.00
23) Nitrobenzene-d5	8.82	82	1219687	83.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	929028	140.17	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2946444	79.99	ng	0.00
79) Terphenyl-d14	19.70	244	4610556	77.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	5720	0.938	ng	99
3) Pyridine	3.67	79	12624	0.900	ng	# 85
4) n-Nitrosodimethylamine	3.57	42	5777	1.026	ng	# 75
6) Aniline	7.02	93	11367	0.559	ng	97
8) 2-Chlorophenol	7.24	128	13242	0.959	ng	82
9) Benzaldehyde	6.83	77	13835	1.334	ng	88
10) Phenol	6.87	94	15977	0.913	ng	# 72
11) bis(2-Chloroethyl)ether	7.11	93	12658	0.907	ng	93
12) 1,3-Dichlorobenzene	7.56	146	15683	0.974	ng	# 90
13) 1,4-Dichlorobenzene	7.70	146	15833	0.962	ng	# 87
14) 1,2-Dichlorobenzene	8.02	146	14759	0.931	ng	92
15) Benzyl Alcohol	7.92	79	10050	0.845	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.19	45	16878	0.866	ng	94
17) 2-Methylphenol	8.12	107	9695	0.863	ng	# 93
18) Hexachloroethane	8.74	117	5336	0.948	ng	88
19) n-Nitroso-di-n-propylamine	8.47	70	8543	0.798	ng	# 83
20) 3+4-Methylphenols	8.44	107	11767	0.766	ng	93
22) Acetophenone	8.49	105	20110	0.928	ng	# 97
24) Nitrobenzene	8.87	77	15891	1.028	ng	# 88
25) Isophorone	9.39	82	24123	0.999	ng	# 96
26) 2-Nitrophenol	9.57	139	4340	6.232	ng	# 76
27) 2,4-Dimethylphenol	9.63	122	9966	0.934	ng	89
28) bis(2-Chloroethoxy)methane	9.88	93	15574	0.917	ng	# 86
29) 2,4-Dichlorophenol	10.12	162	8712	0.703	ng	95
30) 1,2,4-Trichlorobenzene	10.31	180	14509	0.976	ng	94
31) Naphthalene	10.50	128	41232	0.984	ng	95
32) Benzoic acid	9.75	122	2187m	0.275	ng	
33) 4-Chloroaniline	10.63	127	10087	0.557	ng	# 87
34) Hexachlorobutadiene	10.78	225	8162	0.866	ng	93
35) Caprolactam	11.42	113	1925	0.426	ng	# 85
36) 4-Chloro-3-methylphenol	11.75	107	10091	0.722	ng	92
37) 2-Methylnaphthalene	12.12	142	29169	1.017	ng	95
38) 1-Methylnaphthalene	12.33	142	28150	1.009	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	15905	0.922	ng	94

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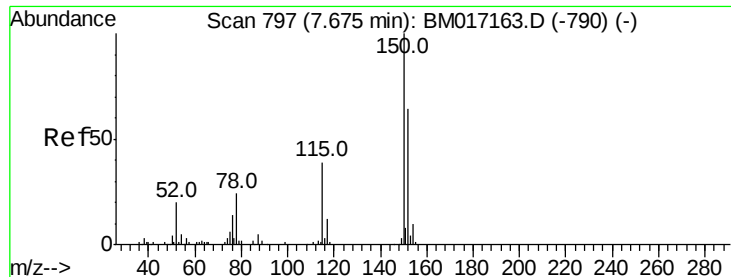
Manual Integrations
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 10/18/2018 5:33:33 PM

Quant Time: Oct 18 14:13:52 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	8139	0.975	nq	95
43) 2,4,6-Trichlorophenol	12.73	196	6478	0.647	nq	95
44) 2,4,5-Trichlorophenol	12.82	196	7636	0.711	nq #	85
46) 1,1'-Biphenyl	13.14	154	41465	0.940	nq	99
47) 2-Chloronaphthalene	13.18	162	29351	0.905	nq	98
48) 2-Nitroaniline	13.40	65	5458	6.212	nq #	82
49) Acenaphthylene	14.03	152	41166	0.875	nq	98
50) Dimethylphthalate	13.78	163	35513	0.939	nq	99
51) 2,6-Dinitrotoluene	13.89	165	5317	0.639	nq #	76
52) Acenaphthene	14.37	154	27796	0.941	nq	90
53) 3-Nitroaniline	14.23	138	4400	0.488	nq #	80
54) 2,4-Dinitrophenol	14.45	184	1466	8.496	nq	93
55) Dibenzofuran	14.72	168	45909	0.935	nq	97
56) 4-Nitrophenol	14.56	139	2475	5.000	nq	92
57) 2,4-Dinitrotoluene	14.69	165	6455	0.577	nq #	78
58) Fluorene	15.36	166	35697	0.982	nq #	93
59) 2,3,4,6-Tetrachlorophenol	14.94	232	6979	0.713	nq #	95
60) Diethylphthalate	15.14	149	32789	0.874	nq	98
61) 4-Chlorophenyl-phenylether	15.36	204	18742	0.904	nq	97
62) 4-Nitroaniline	15.40	138	3542	5.072	nq	97
63) Azobenzene	15.66	77	26203	0.719	nq	94
65) 4,6-Dinitro-2-methylphenol	15.46	198	2745	7.314	nq	88
66) n-Nitrosodiphenylamine	15.58	169	26847	0.758	nq	98
67) 4-Bromophenyl-phenylether	16.26	248	11321	0.881	nq	93
68) Hexachlorobenzene	16.37	284	13503	0.905	nq	96
69) Atrazine	16.54	200	9040	0.713	nq	93
70) Pentachlorophenol	16.72	266	4826	0.472	nq	91
71) Phenanthrene	17.10	178	60660	0.961	nq	97
72) Anthracene	17.20	178	55490	0.925	nq	96
73) Carbazole	17.47	167	43057	0.703	nq #	94
74) Di-n-butylphthalate	18.04	149	45028	0.697	nq #	98
75) Fluoranthene	19.13	202	65639	0.924	nq	97
77) Benzidine	19.33	184	11959	0.351	nq	98
78) Pyrene	19.49	202	68308	0.910	nq	97
80) Butylbenzylphthalate	20.40	149	17349	7.693	nq	92
81) Benzo(a)anthracene	21.24	228	71275	0.943	nq	97
82) 3,3'-Dichlorobenzidine	21.19	252	16379	0.582	nq	97
83) Chrysene	21.29	228	73622	0.985	nq	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	25630	5.830	nq	95
85) Di-n-octyl phthalate	22.05	149	43058	6.086	nq #	92
86) Indeno(1,2,3-cd)pyrene	25.69	276	75682	0.905	nq	99
88) Benzo(b)fluoranthene	22.80	252	69680	0.944	nq	96
89) Benzo(k)fluoranthene	22.85	252	67225	0.908	nq	94
90) Benzo(a)pyrene	23.37	252	63855	0.911	nq	94
91) Dibenzo(a,h)anthracene	25.69	278	65255	0.938	nq #	90
92) Benzo(g,h,i)perylene	26.36	276	68076	0.987	nq	95

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



#1

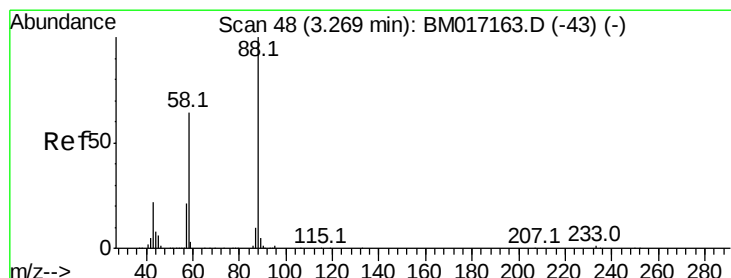
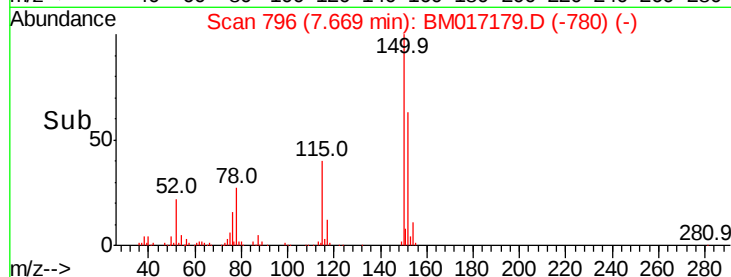
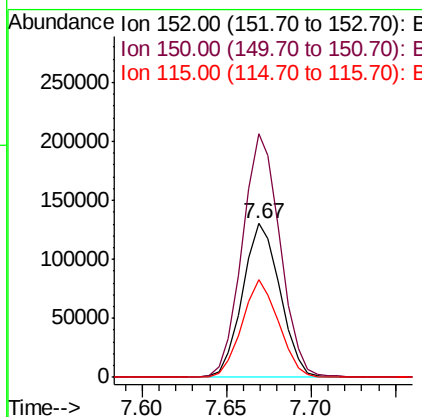
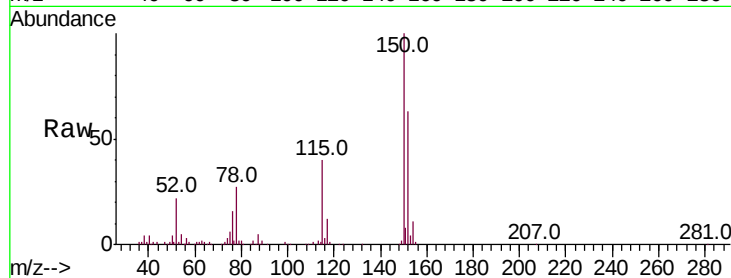
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.3	186.5
115	63.4	48.1	72.1

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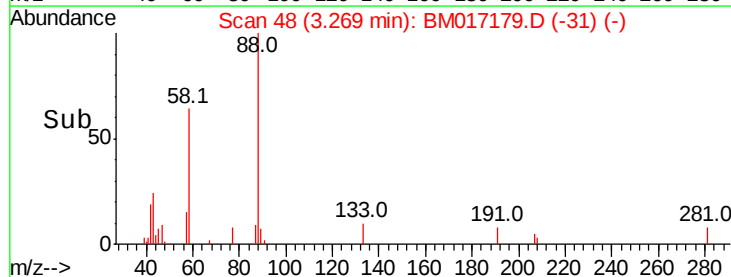
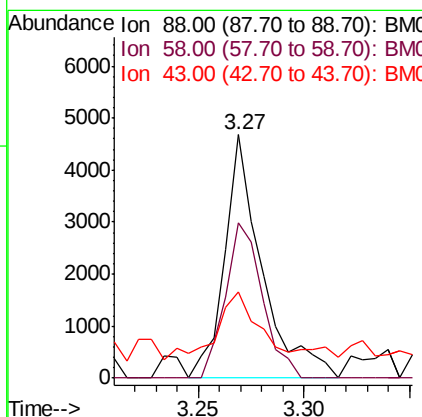
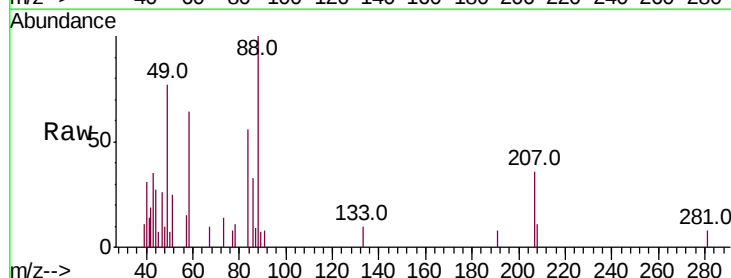
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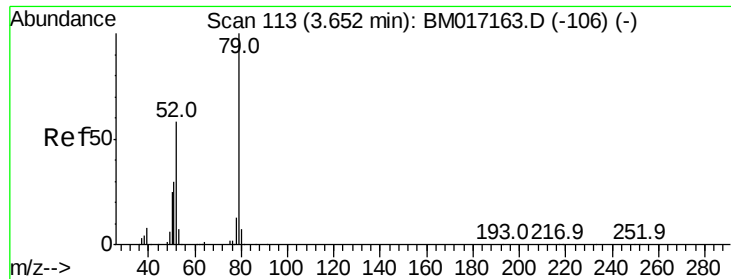


#2

1,4-Dioxane
Concen: 0.938 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	50.2	75.4
43	26.1	19.3	28.9





#3

Pvridine

Concen: 0.900 ng

RT: 3.67 min Scan# 116

Delta R.T. 0.02 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

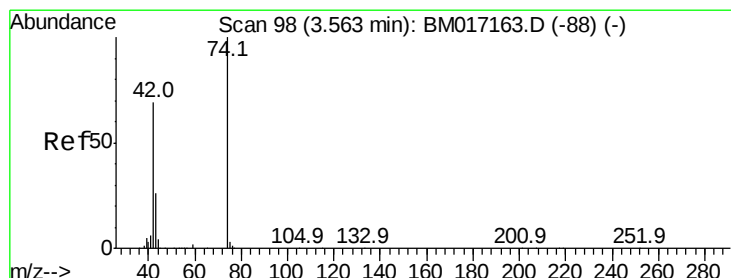
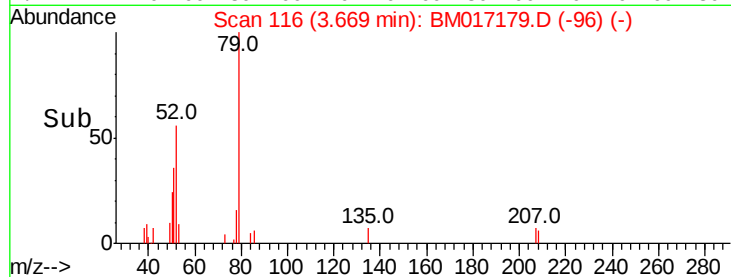
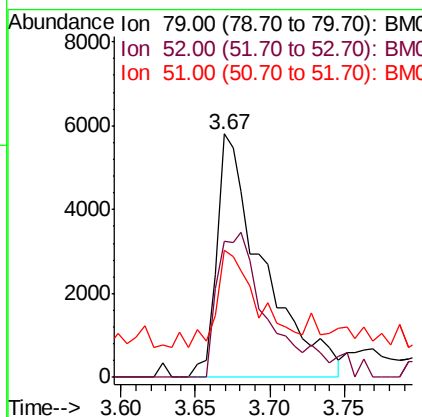
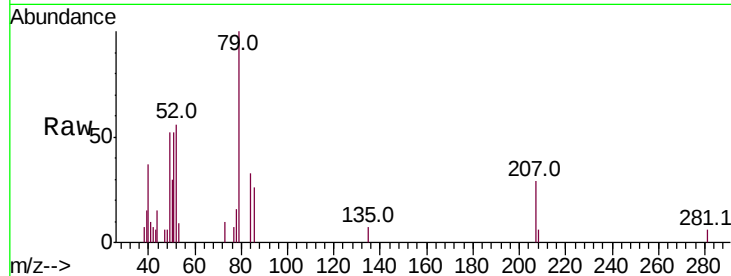
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	79	Resp:	12624
Ion Ratio	Lower	Upper	
79	100		
52	55.9	46.5	69.7
51	52.1	24.6	37.0#

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#4

n-Nitrosodimethylamine

Concen: 1.026 ng

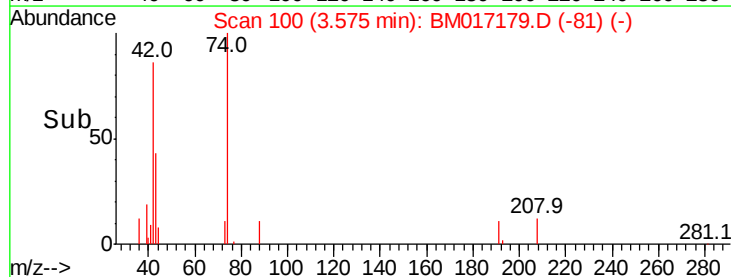
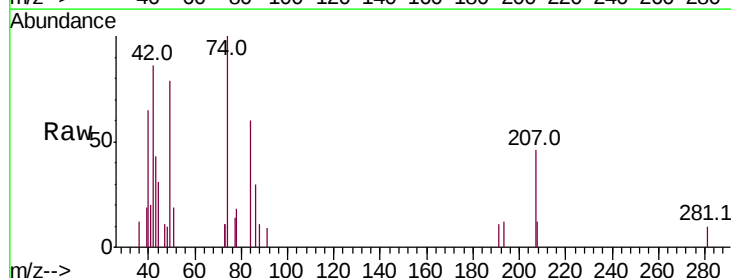
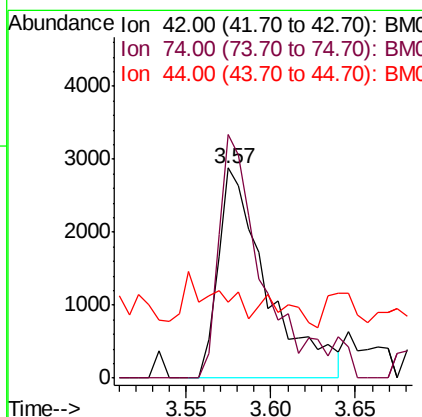
RT: 3.57 min Scan# 100

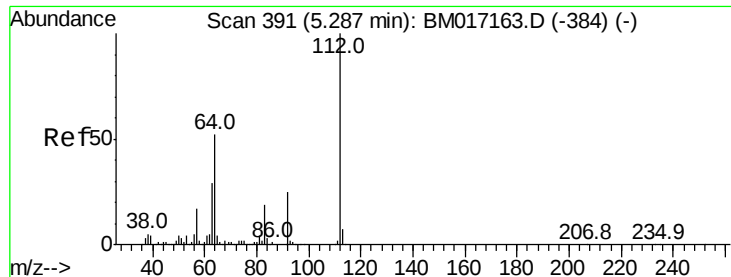
Delta R.T. 0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Tgt Ion:	42	Resp:	5777
Ion Ratio	Lower	Upper	
42	100		
74	115.9	114.4	171.6
44	36.4	48.6	73.0#





#5

2-Fluorophenol

Concen: 133.855 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

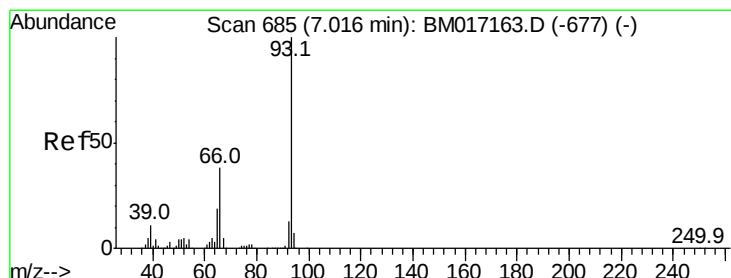
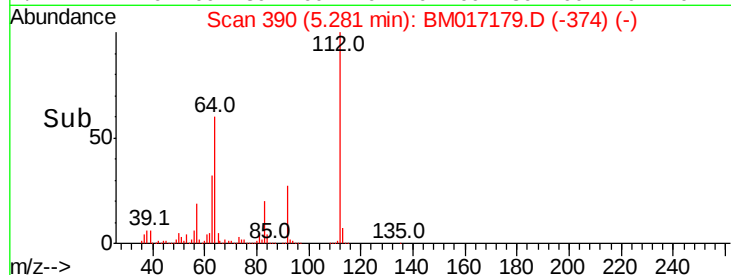
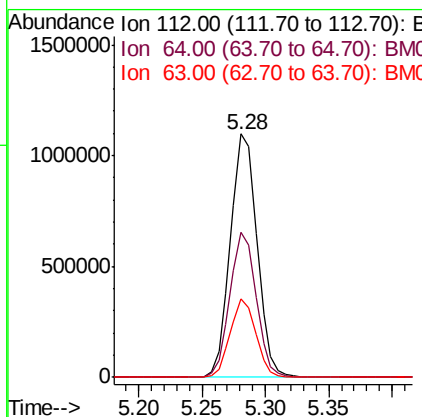
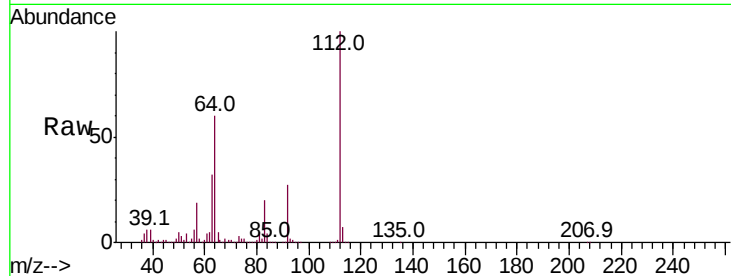
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	112	Resp:	1598289
Ion	Ratio	Lower	Upper
112	100		
64	59.6	41.7	62.5
63	32.0	23.0	34.4

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#6

Aniline

Concen: 0.559 ng

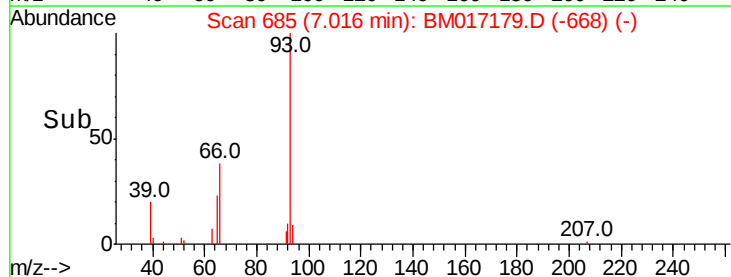
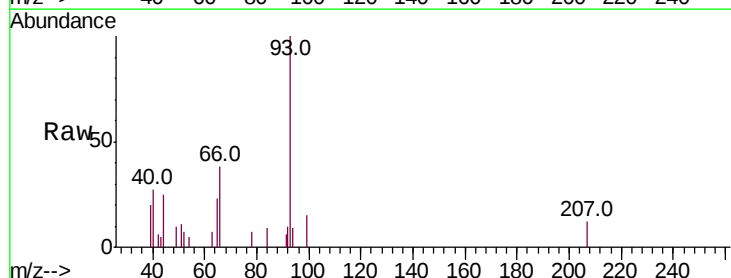
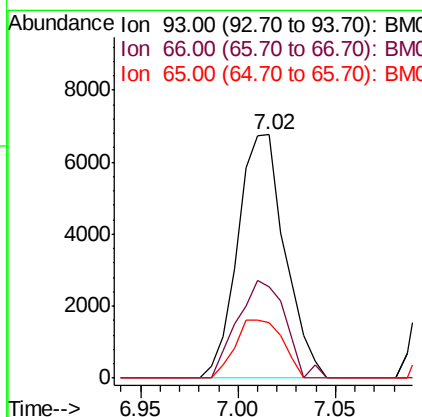
RT: 7.02 min Scan# 685

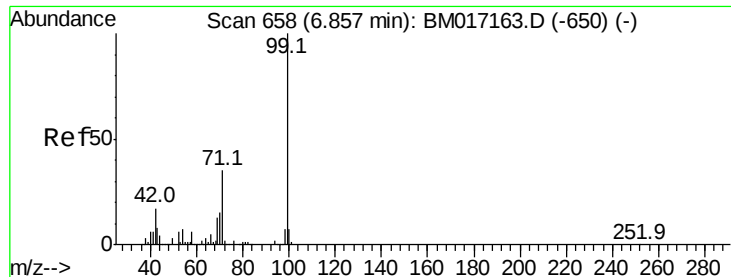
Delta R.T. -0.00 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Tgt Ion:	93	Resp:	11367
Ion	Ratio	Lower	Upper
93	100		
66	37.8	30.4	45.6
65	22.8	15.3	22.9





#7

Phenol-d6

Concen: 128.598 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion: 99 Resp: 2091290

Ion Ratio Lower Upper

99 100

42 17.7 13.3 19.9

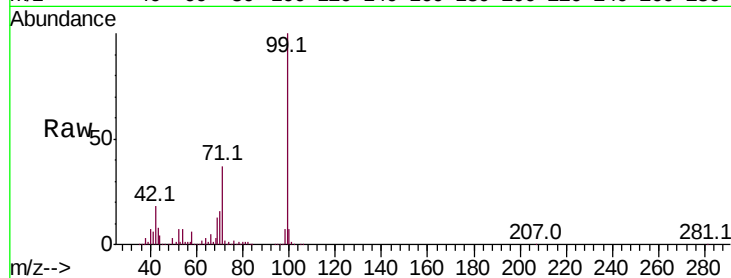
71 37.0 28.0 42.0

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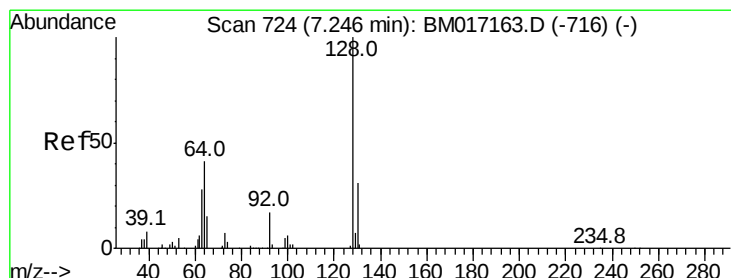
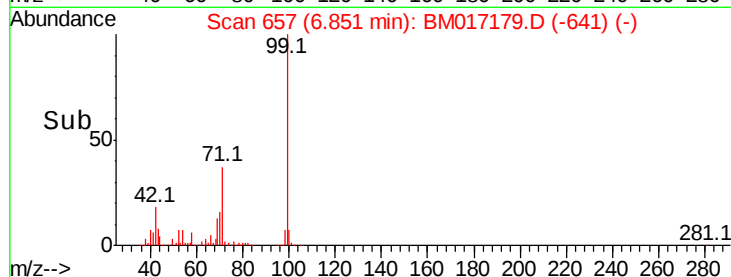
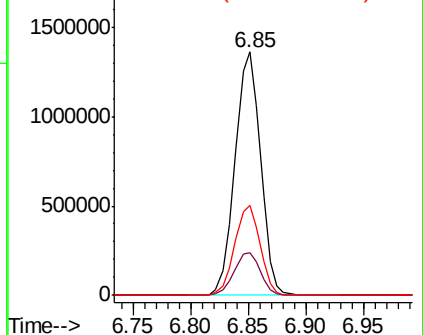
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Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

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: 0.959 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

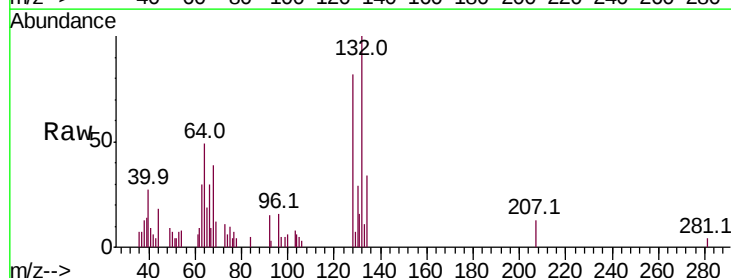
Tgt Ion:128 Resp: 13242

Ion Ratio Lower Upper

128 100

130 35.6 11.0 51.0

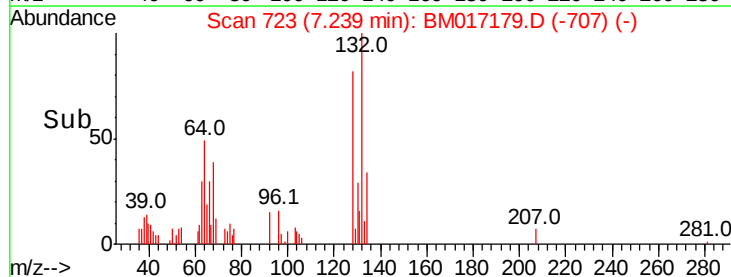
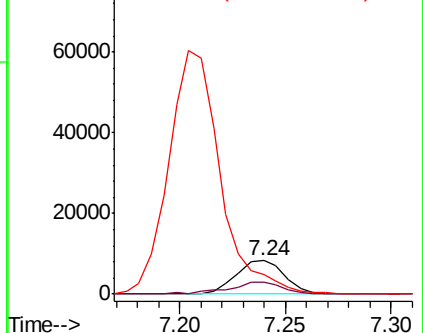
64 60.2 24.1 64.1

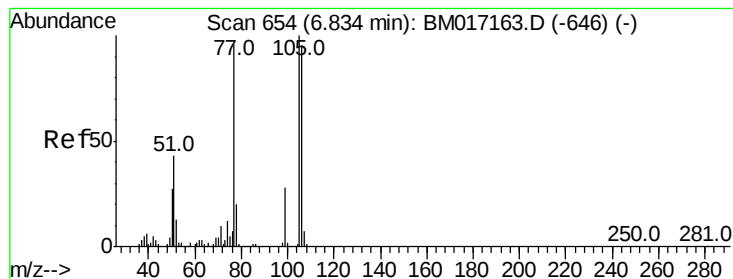


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

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: 1.334 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

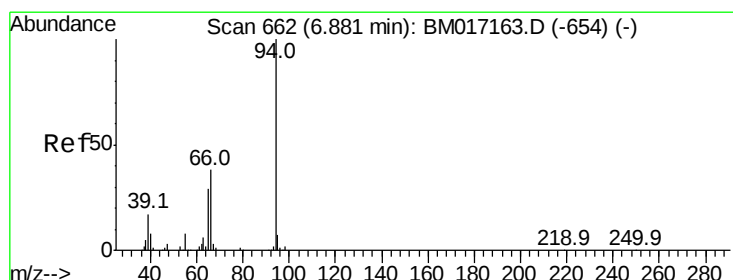
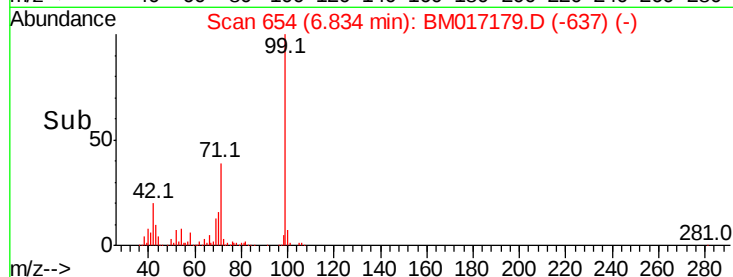
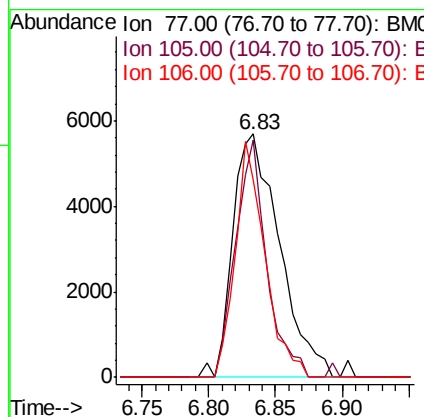
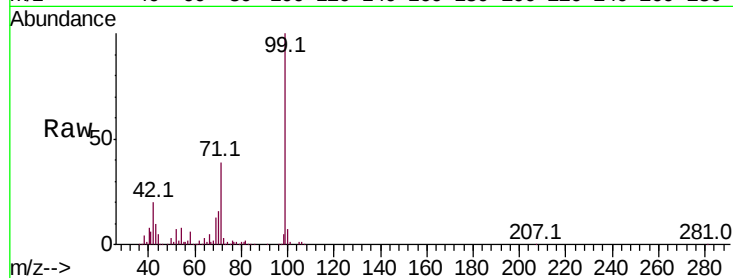
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.3	83.9	123.9
106	81.3	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 0.913 ng

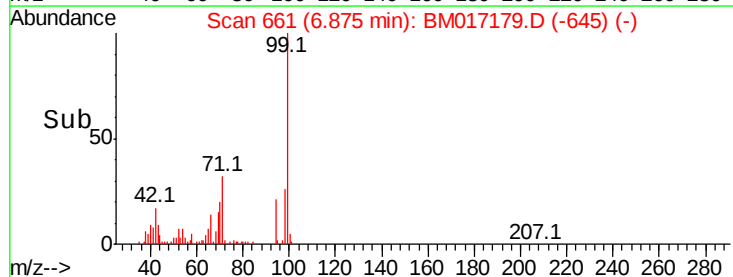
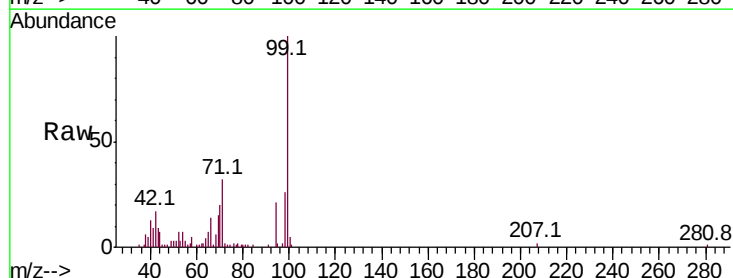
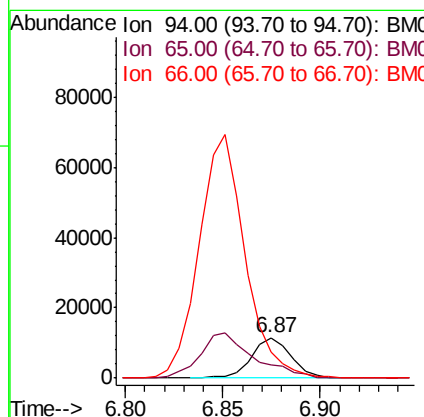
RT: 6.87 min Scan# 661

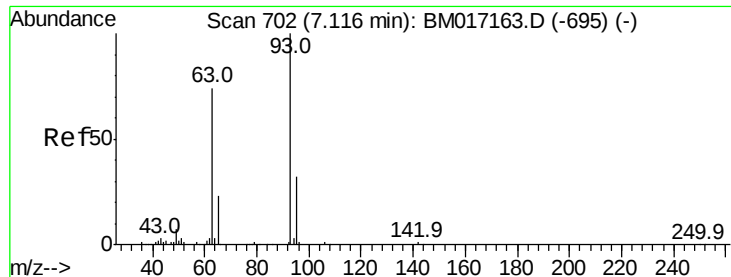
Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.1	9.4	49.4
66	65.4	19.0	59.0





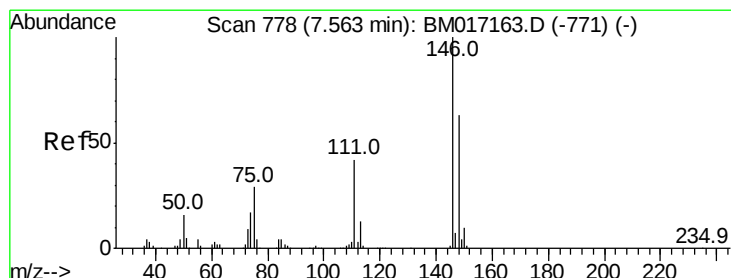
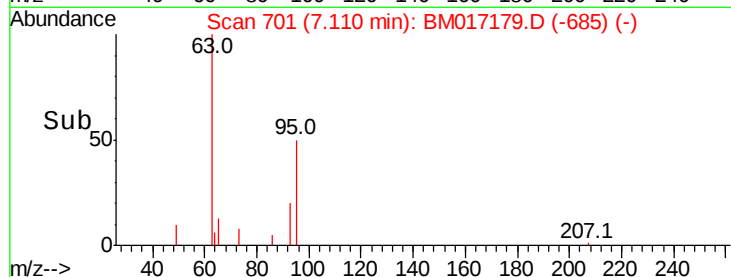
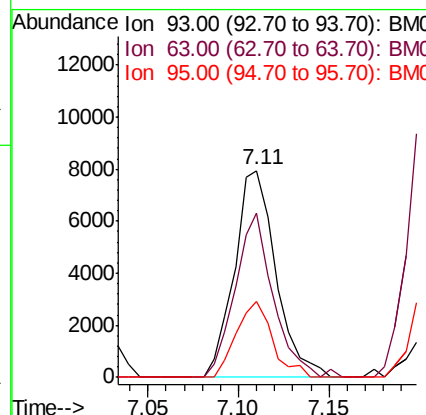
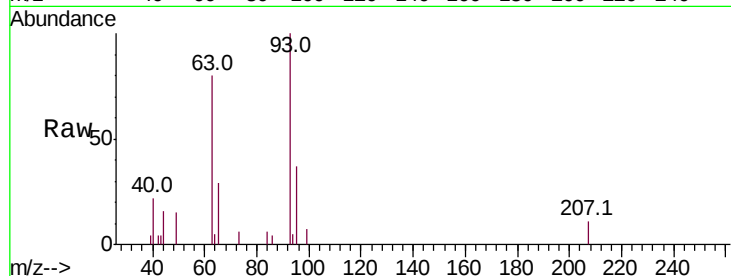
#11
bis(2-Chloroethyl)ether
Concen: 0.907 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.5	54.0	94.0
95	36.7	11.8	51.8

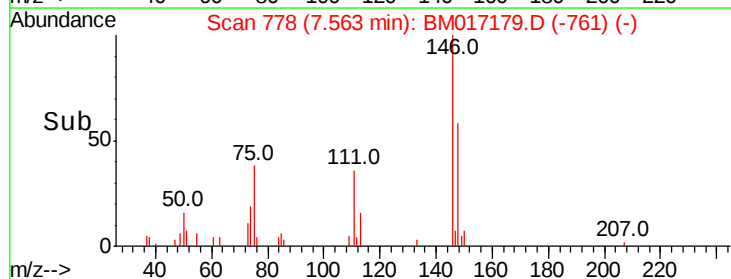
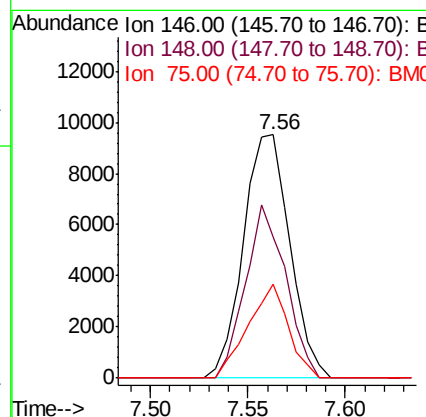
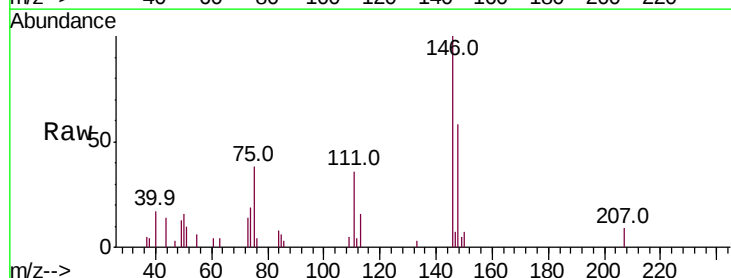
Manual Integrations
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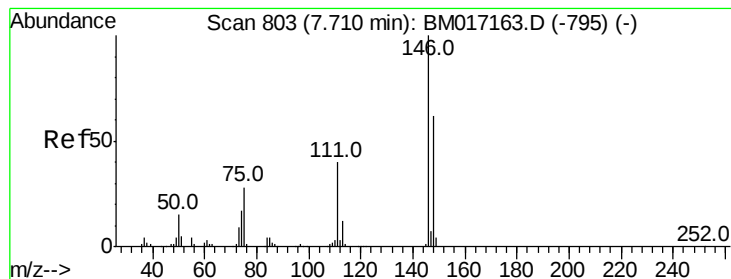
Sohil
10/18/2018 5:33:33 PM



#12
1,3-Dichlorobenzene
Concen: 0.974 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.0	50.2	75.4
75	38.4	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 0.962 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

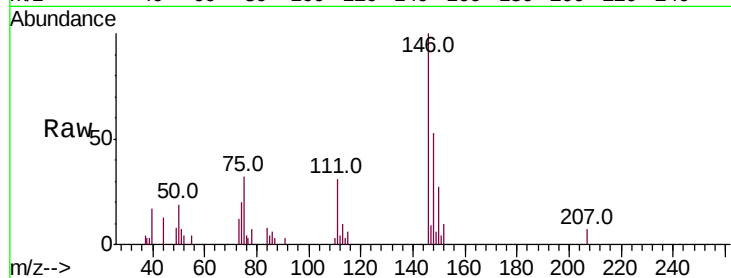
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	52.8	49.8	74.6
111	31.1	32.1	48.1

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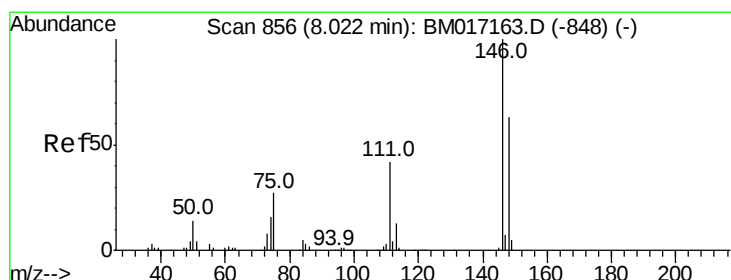
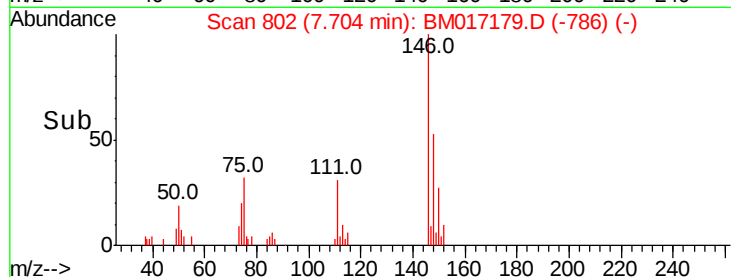
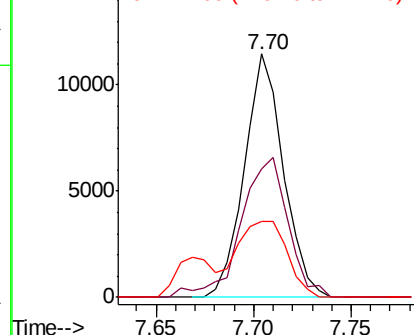


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.931 ng

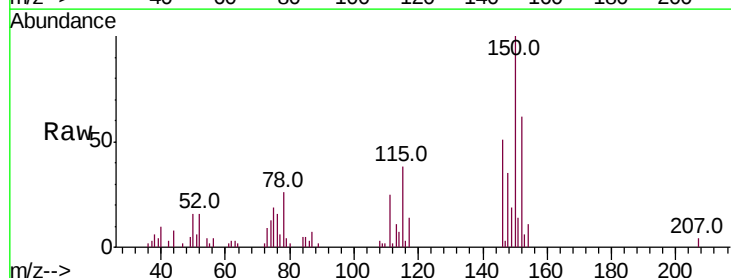
RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.2	50.8	76.2
111	48.0	33.8	50.6

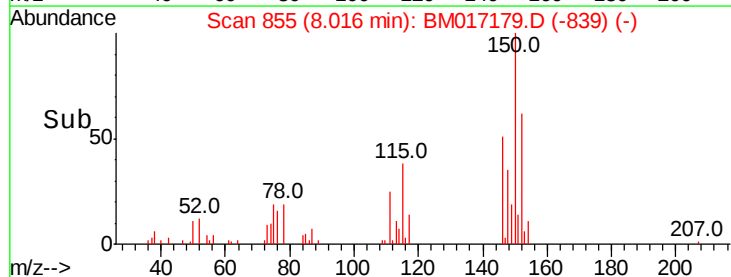
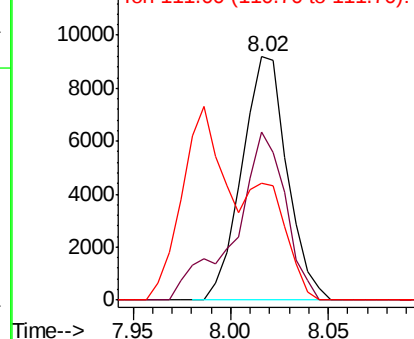


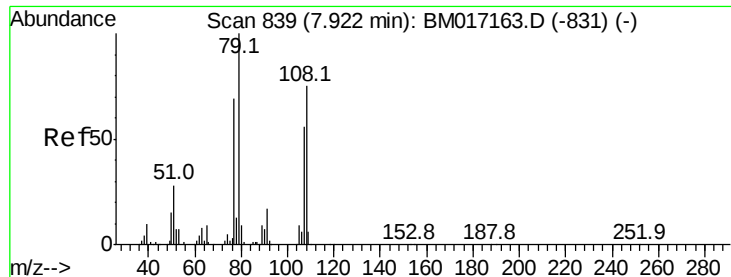
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.845 ng

RT: 7.92 min Scan# 839

Delta R.T. -0.00 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

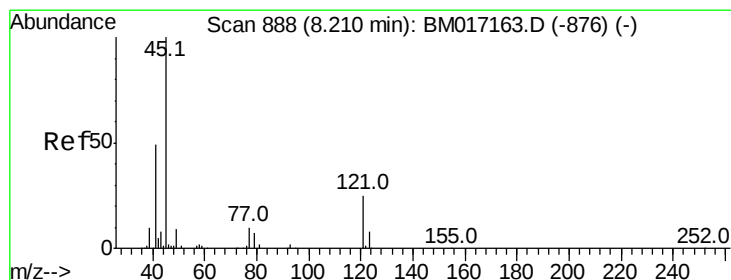
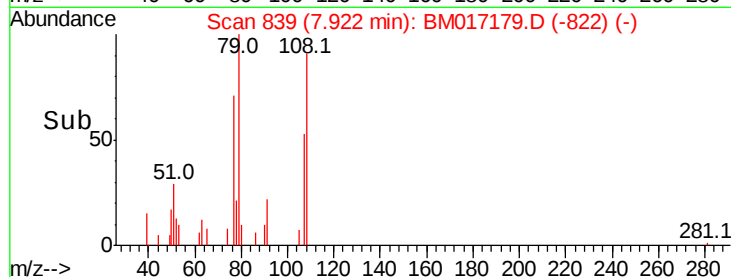
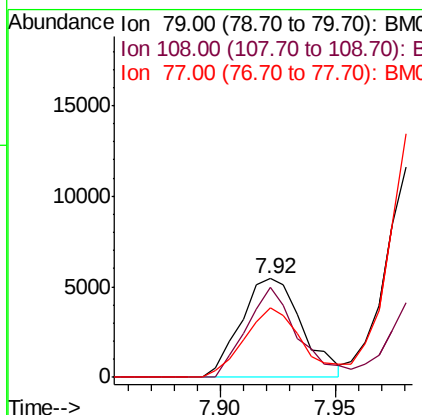
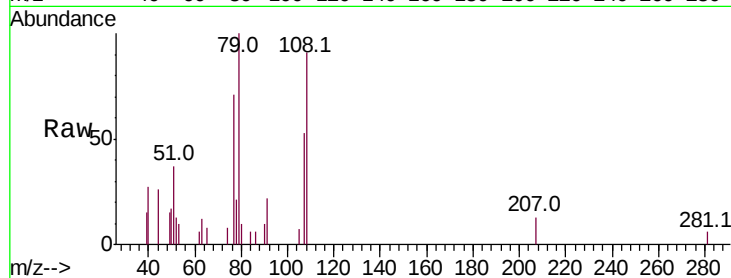
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	79	Resp:	10050
Ion Ratio	Lower	Upper	
79	100		
108	91.1	60.3	90.5#
77	71.0	54.8	82.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.866 ng

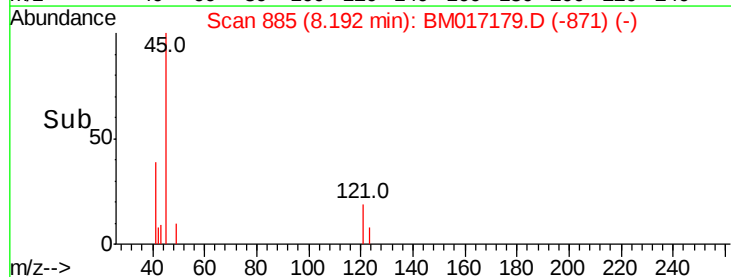
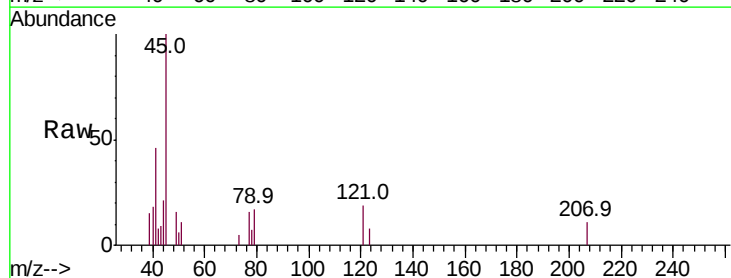
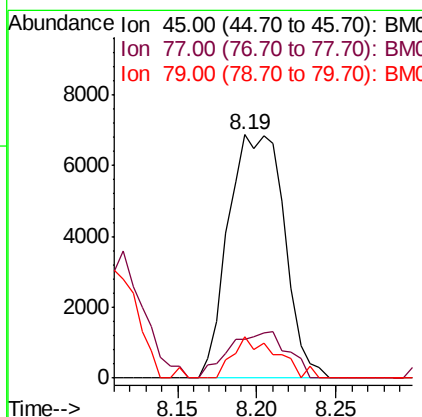
RT: 8.19 min Scan# 885

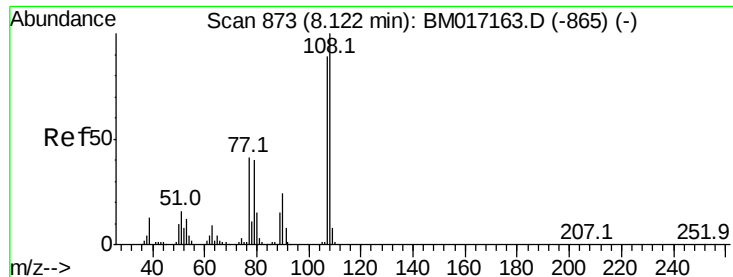
Delta R.T. -0.02 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Tgt Ion:	45	Resp:	16878
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	35.5
79	17.0	0.0	32.1





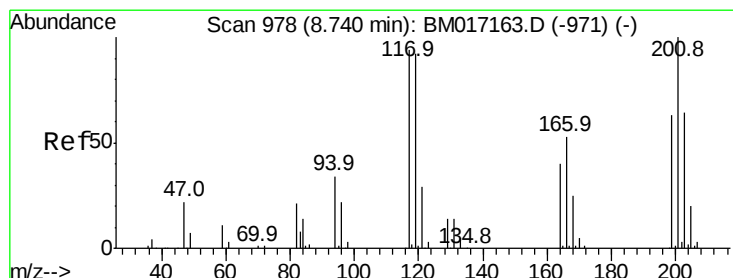
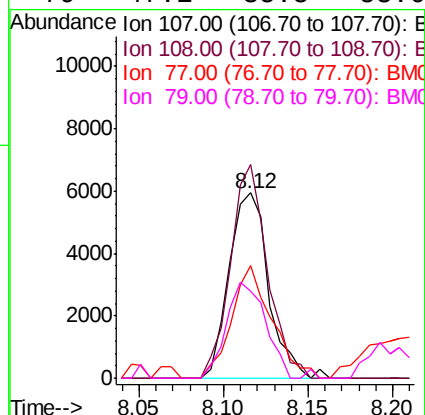
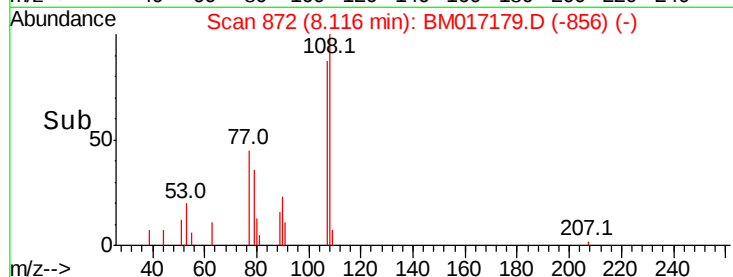
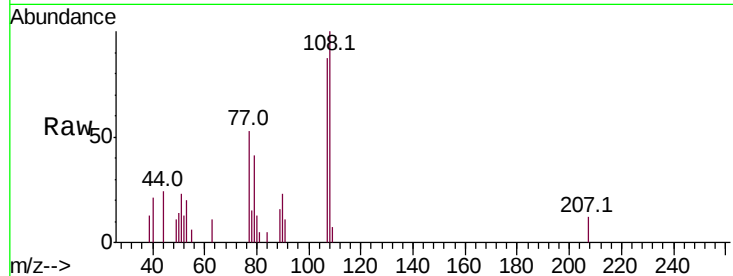
#17
2-Methylphenol
Concen: 0.863 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.3	135.5
77	60.6	37.0	55.4
79	47.1	35.8	53.6

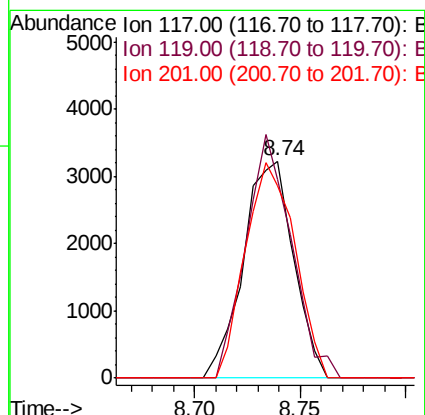
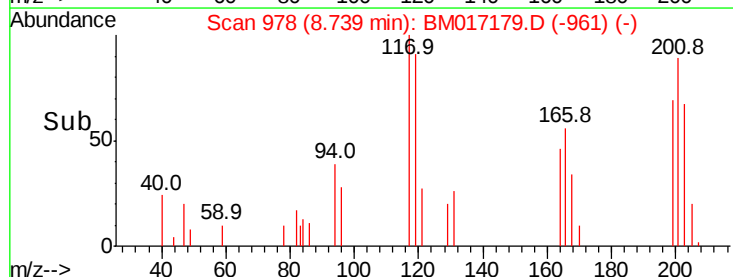
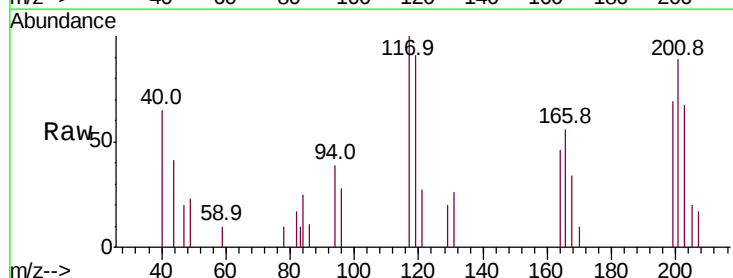
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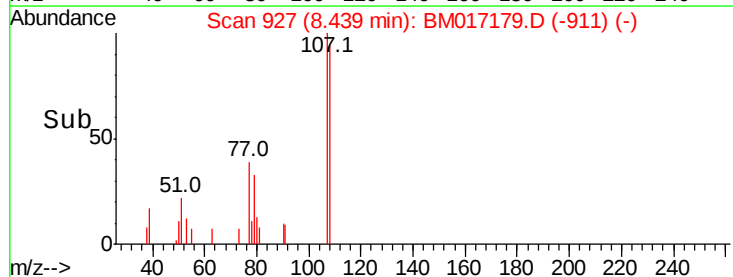
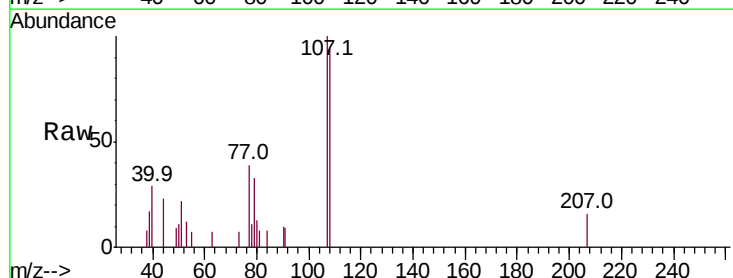
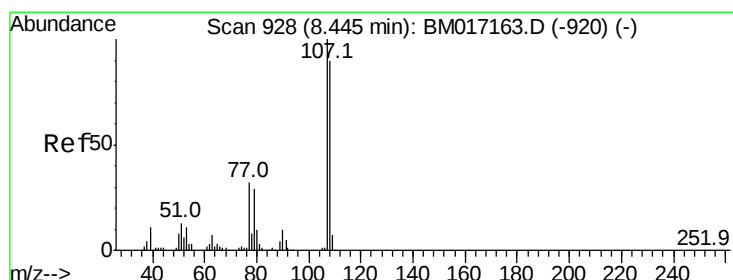
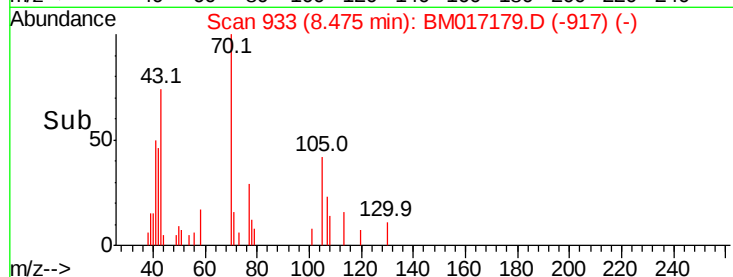
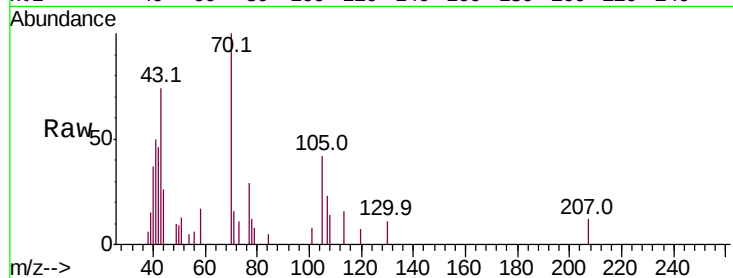
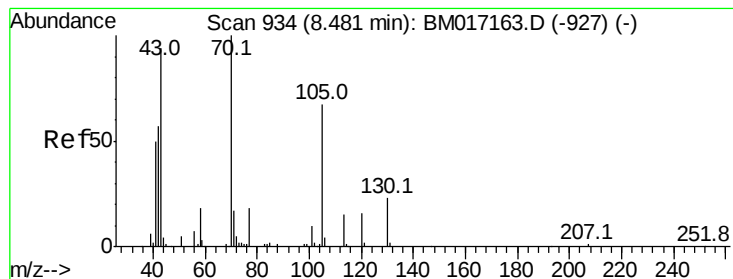
Sohil
10/18/2018 5:33:33 PM



#18
Hexachloroethane
Concen: 0.948 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	78.2	117.2
201	88.7	85.3	127.9





#19

n-Nitroso-di-n-propylamine

Concen: 0.798 ng

RT: 8.47 min Scan# 933

Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion: 70 Resp: 8543

Ion Ratio Lower Upper

70 100

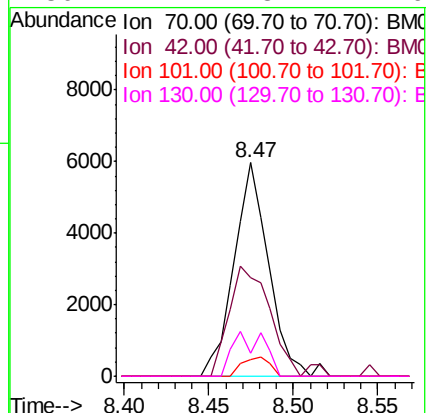
42 46.2 46.1 69.1

101 7.6 8.2 12.4#

130 11.1 18.4 27.6#

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#20

3+4-Methylphenols

Concen: 0.766 ng

RT: 8.44 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Tgt Ion: 107 Resp: 11767

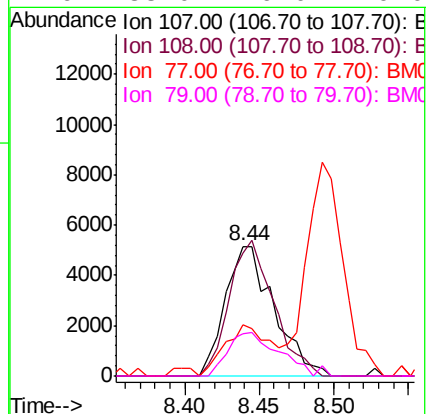
Ion Ratio Lower Upper

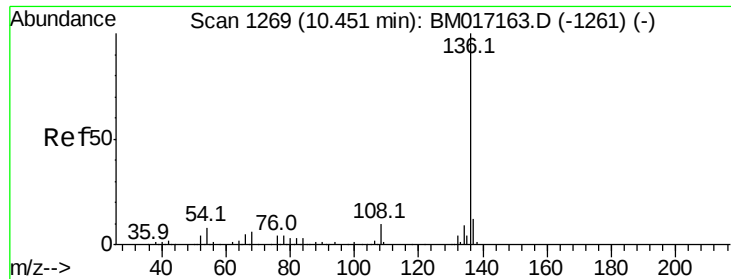
107 100

108 94.5 69.9 109.9

77 39.4 12.2 52.2

79 33.0 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: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

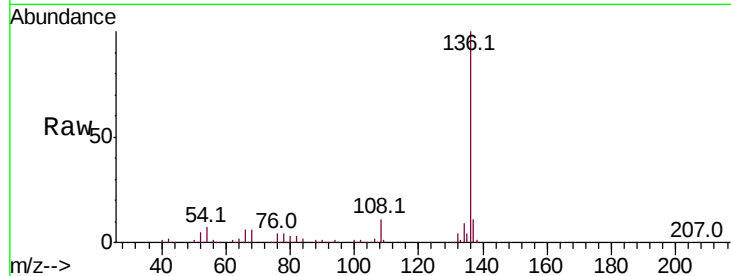
ClientSampleId :

MDL-WATER-03-QT4-2018

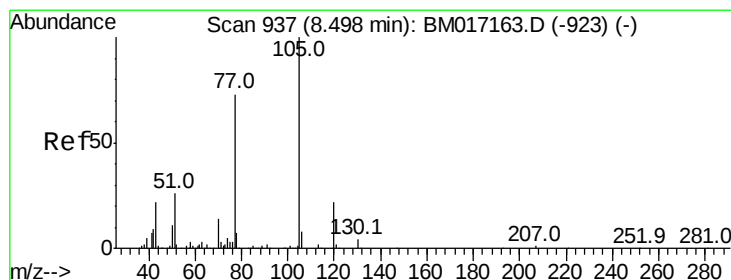
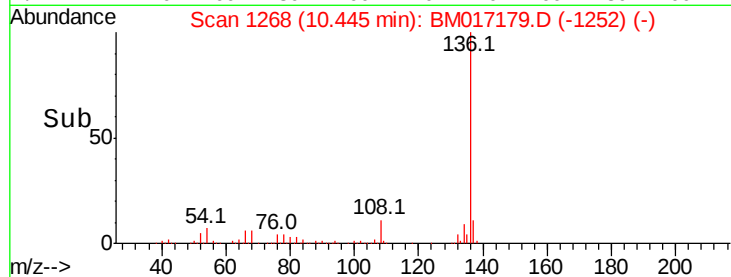
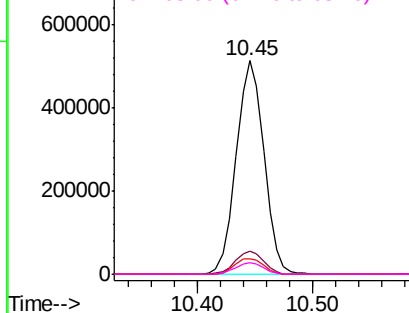
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.2	13.8	
54	7.3	6.7	10.1	
68	5.5	4.7	7.1	

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Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 0.928 ng

RT: 8.49 min Scan# 936

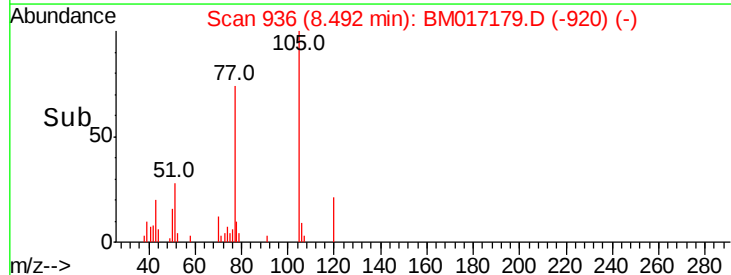
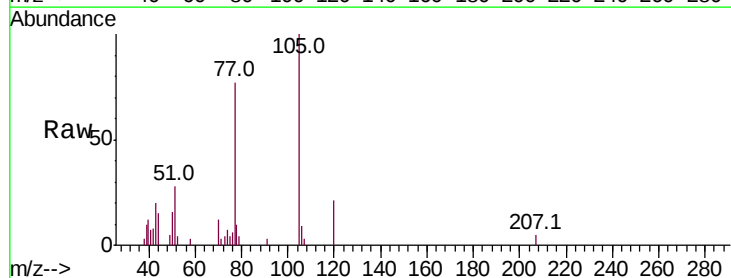
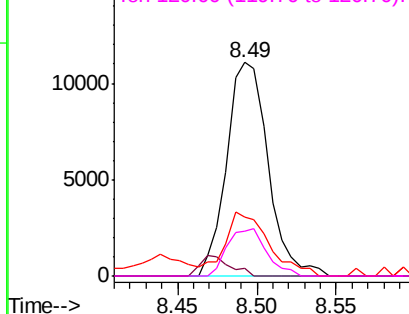
Delta R.T. -0.01 min

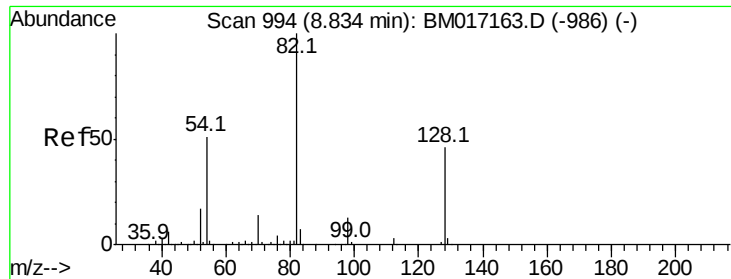
Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.4	2.0	3.0#	
51	27.6	20.6	31.0	
120	20.8	17.5	26.3	

Abundance Ion 105.00 (104.70 to 105.70): E
15000
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





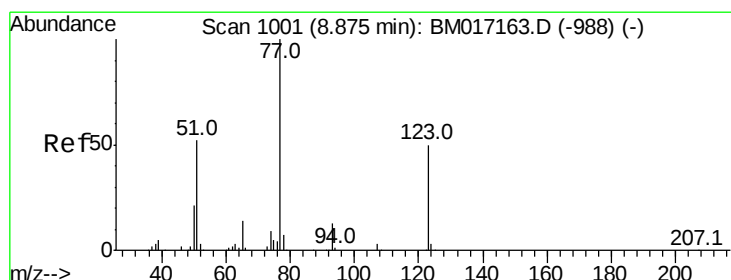
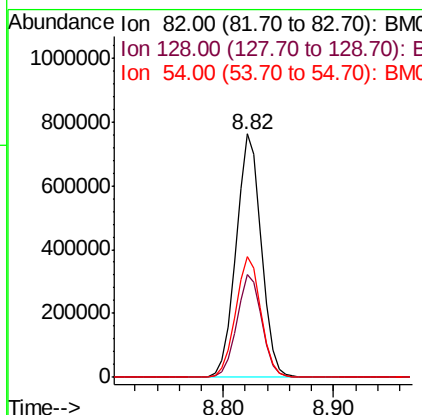
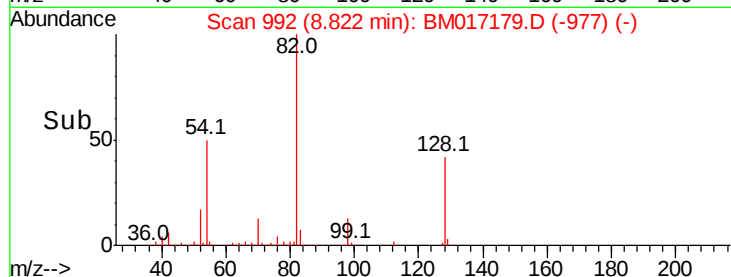
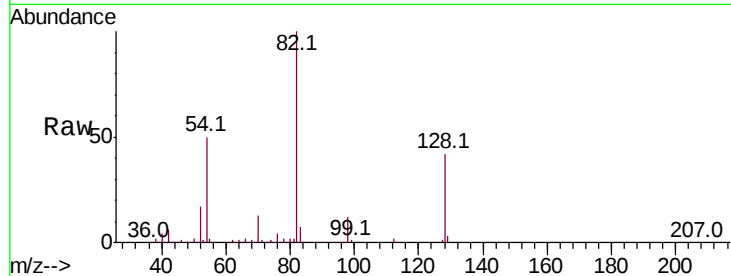
#23
Nitrobenzene-d5
Concen: 83.439 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion: 82 Resp: 1219687
Ion Ratio Lower Upper
82 100
128 42.0 37.0 55.6
54 49.8 40.7 61.1

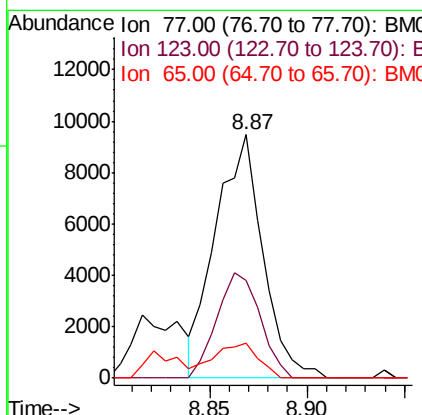
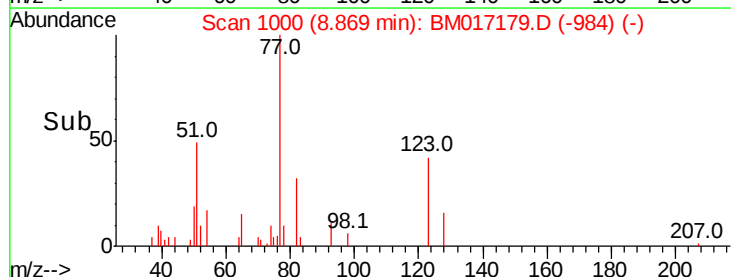
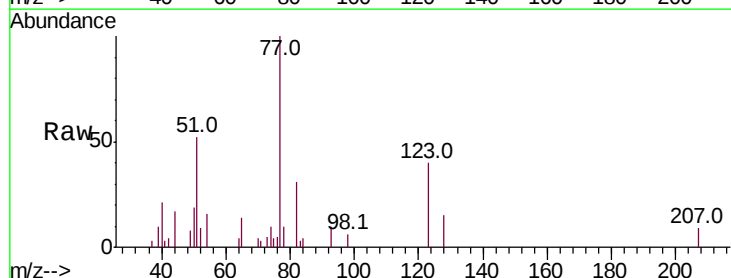
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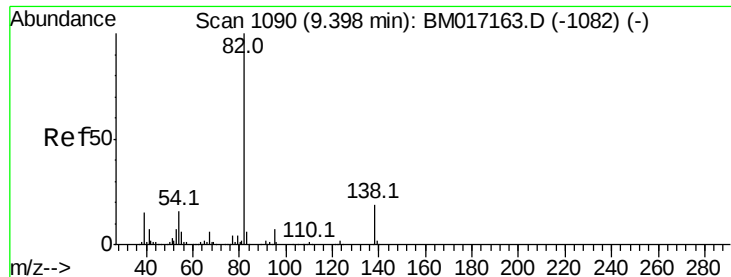
Sohil
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#24
Nitrobenzene
Concen: 1.028 ng
RT: 8.87 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion: 77 Resp: 15891
Ion Ratio Lower Upper
77 100
123 39.9 40.2 60.4#
65 14.2 11.4 17.0





#25

Isophorone

Concen: 0.999 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

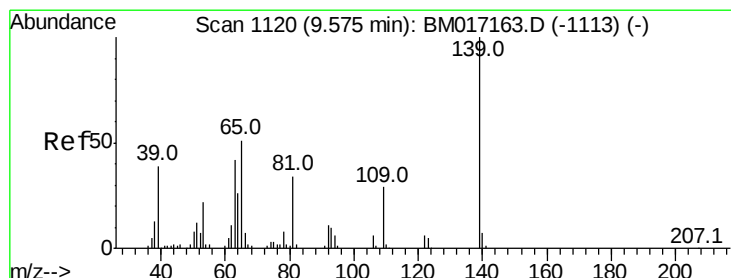
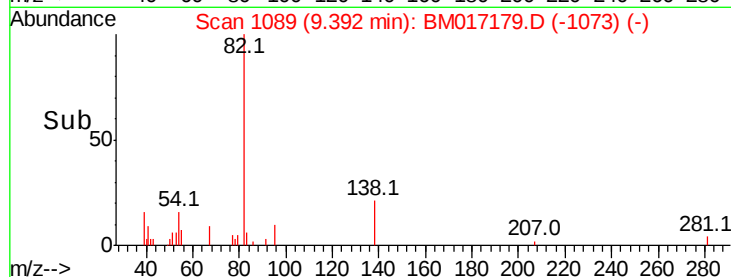
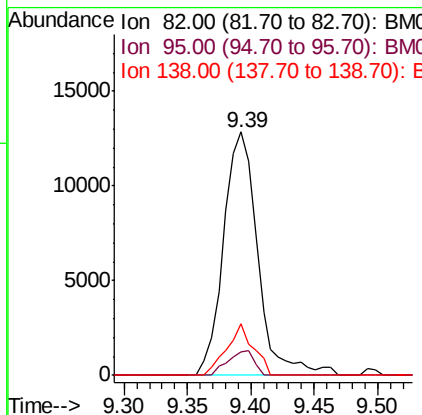
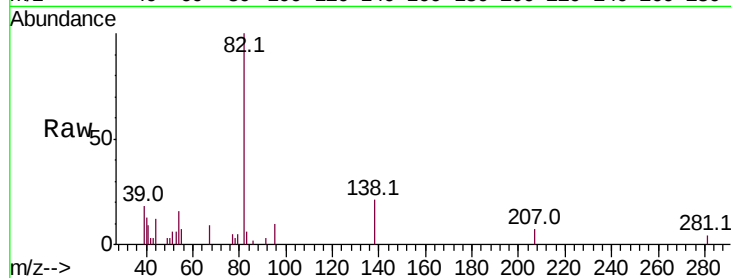
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
82	100		
95	9.5	6.0	9.0#
138	21.1	15.4	23.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 6.232 ng

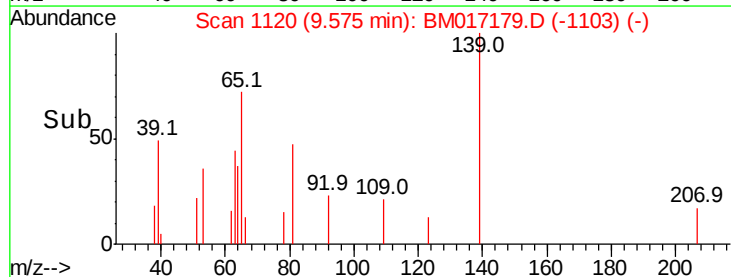
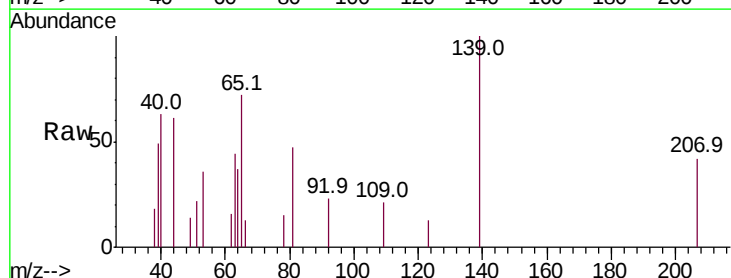
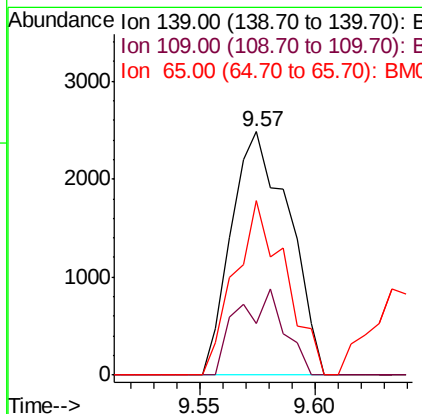
RT: 9.57 min Scan# 1120

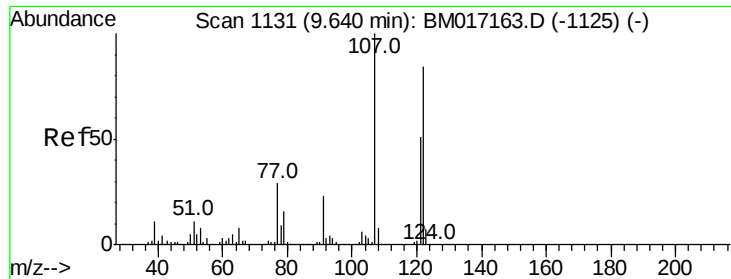
Delta R.T. 0.00 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	21.2	23.2	34.8#
65	71.8	40.6	61.0#





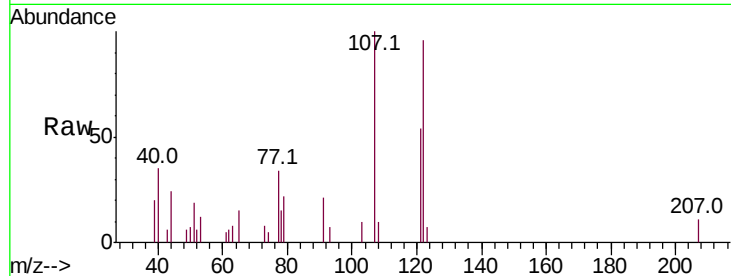
#27
2,4-Dimethylphenol
Concen: 0.934 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	104.2	95.0	142.6
121	55.9	48.2	72.4

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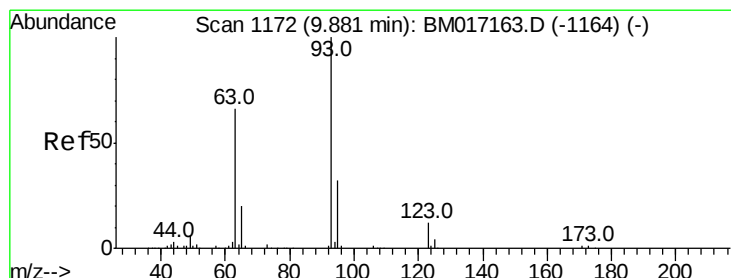
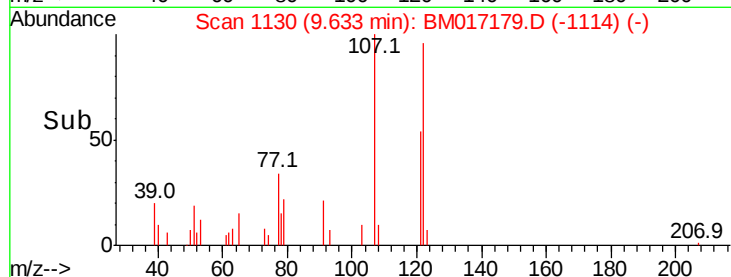
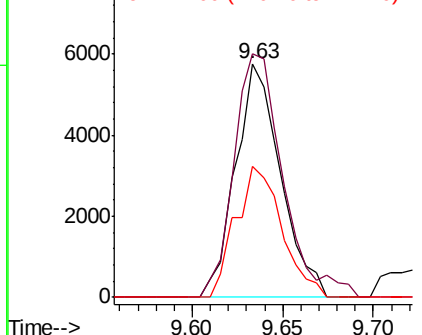


Abundance

Ion 122.00 (121.70 to 122.70): E

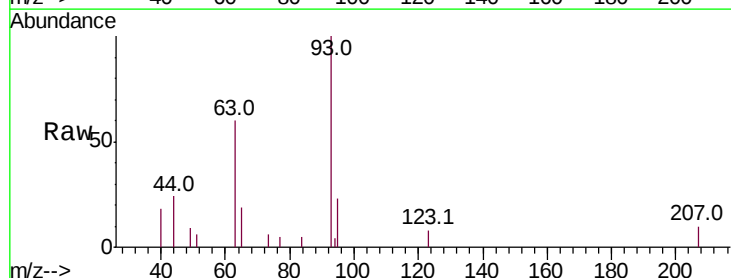
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 0.917 ng
RT: 9.88 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	23.0	25.7	38.5#
123	8.2	9.4	14.0#

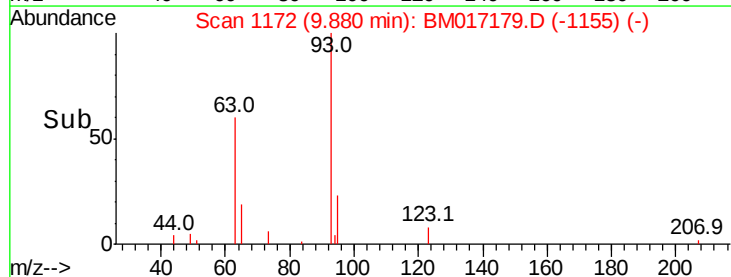
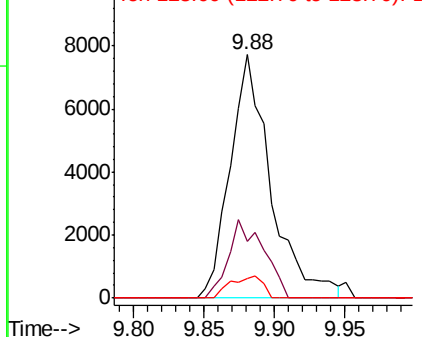


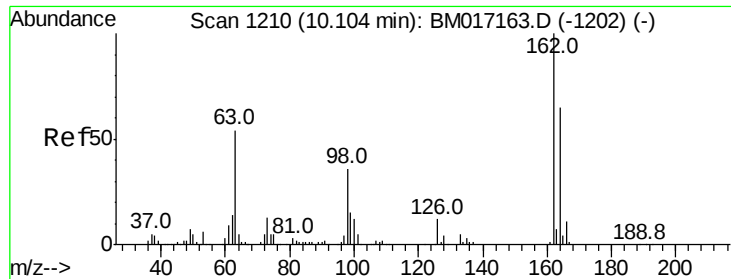
Abundance

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





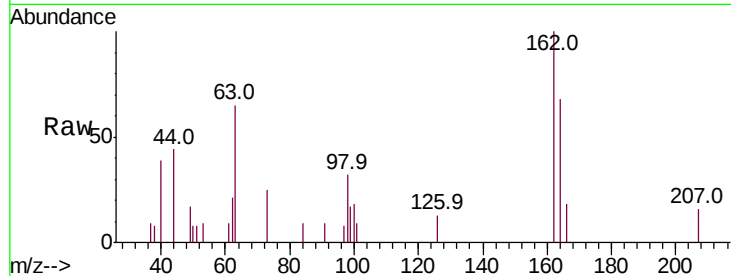
#29
2,4-Dichlorophenol
Concen: 0.703 ng
RT: 10.12 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.8	44.9	84.9
98	31.8	15.8	55.8

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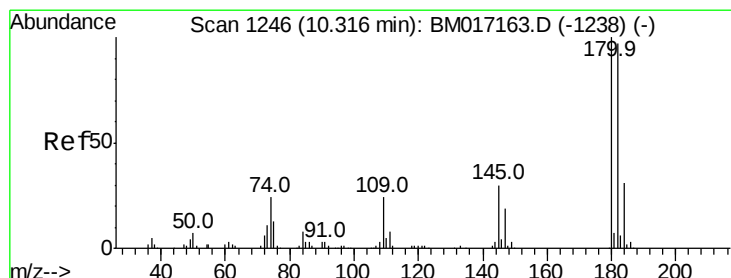
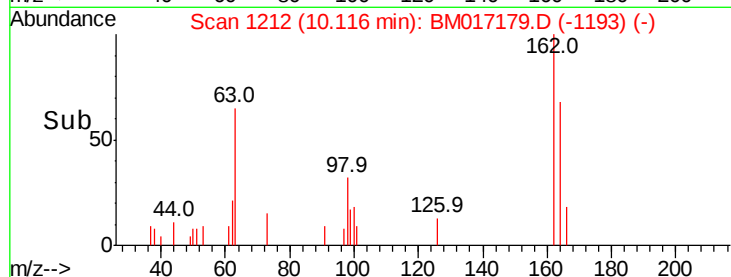
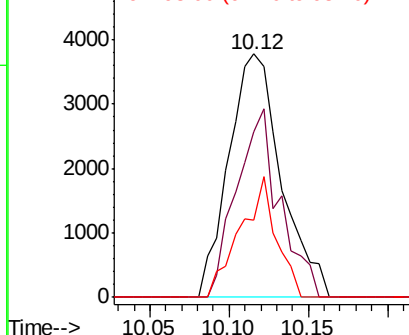


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 0.976 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

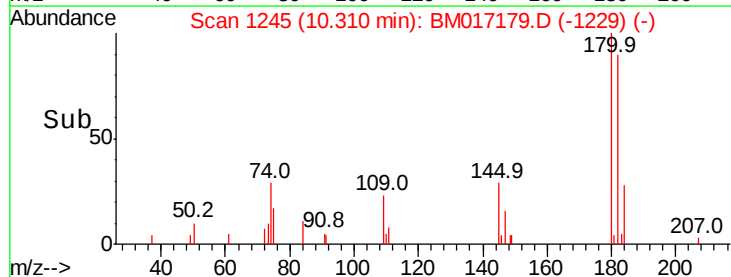
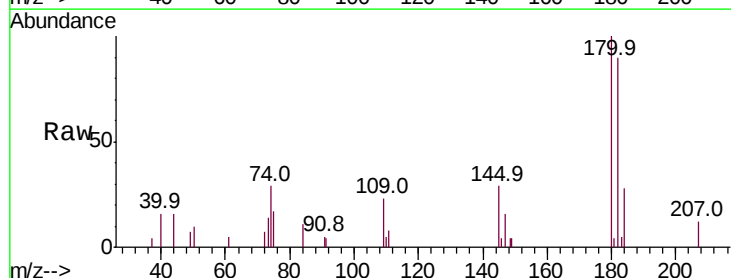
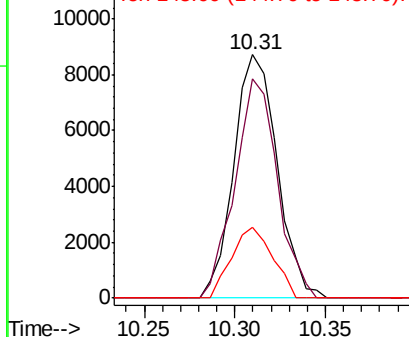
Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.8	77.5	116.3
145	29.2	24.0	36.0

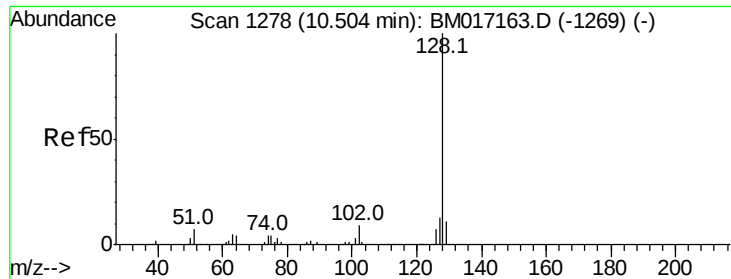
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





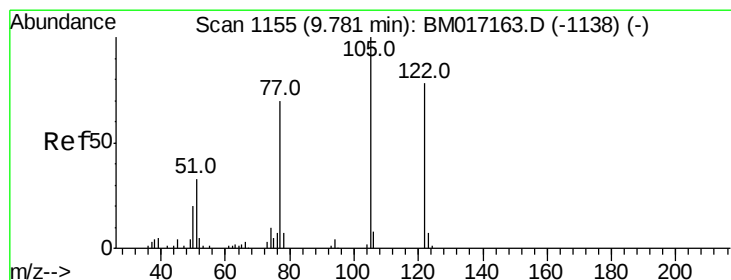
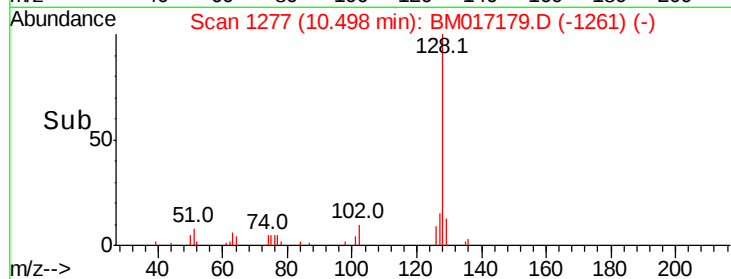
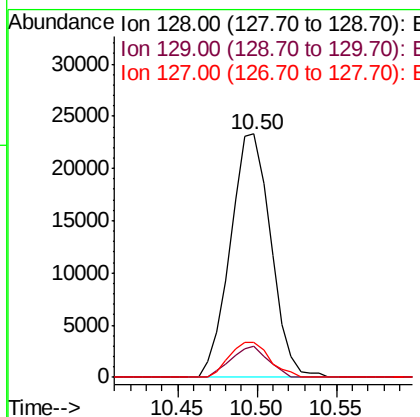
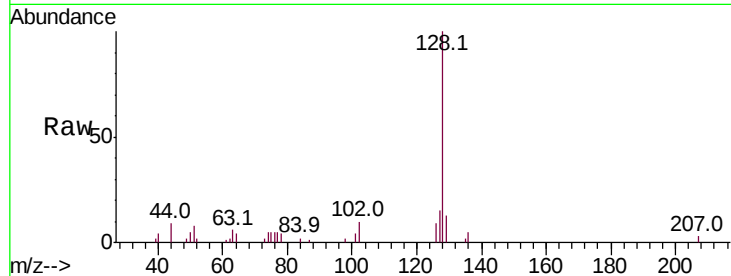
#31
Naphthalene
Concen: 0.984 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.5	12.7
127	14.6	10.3	15.5

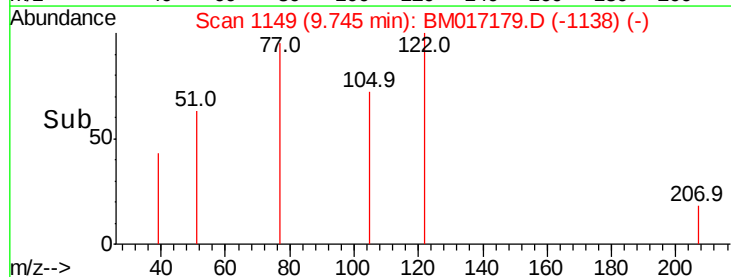
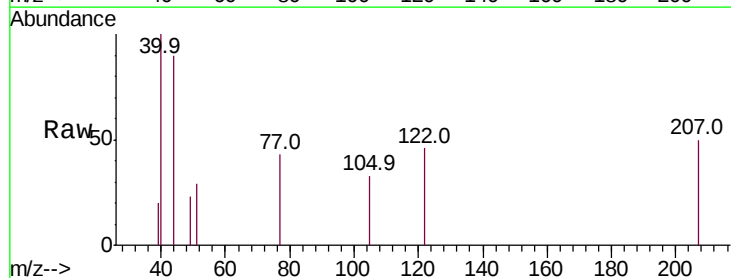
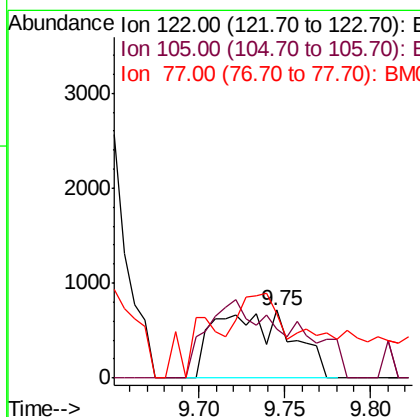
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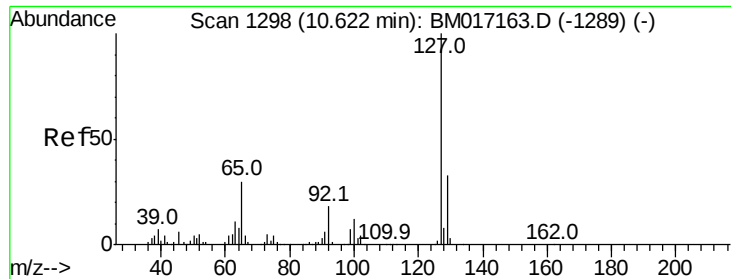
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#32
Benzoic acid
Concen: 0.275 ng m
RT: 9.75 min Scan# 1149
Delta R.T. -0.04 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	72.1	102.0	142.0#
77	94.7	67.7	107.7





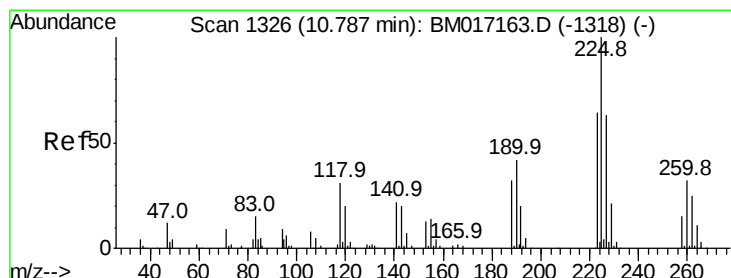
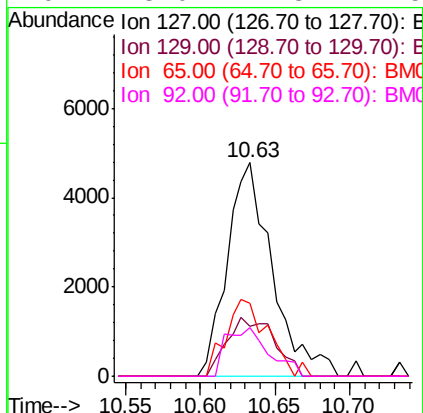
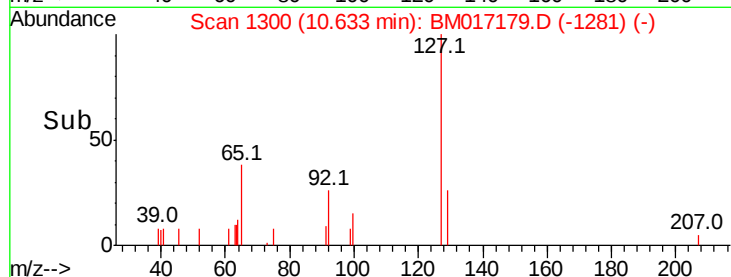
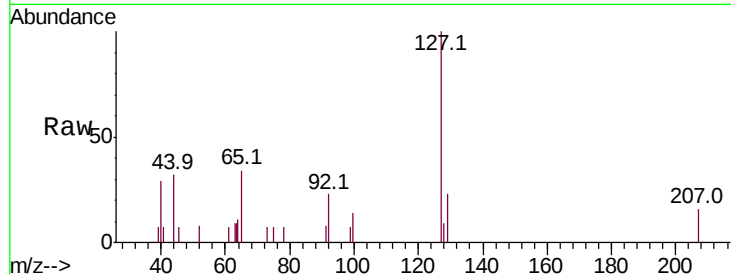
#33
4-Chloroaniline
Concen: 0.557 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	23.1	26.2	39.4#
65	34.0	23.7	35.5
92	23.0	14.3	21.5#

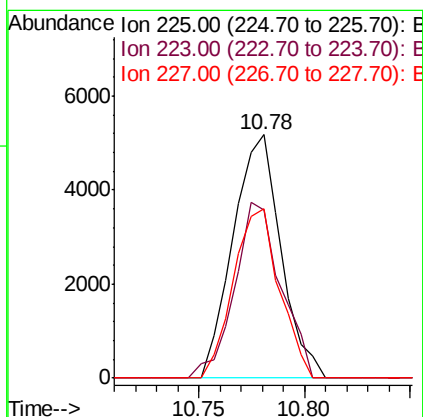
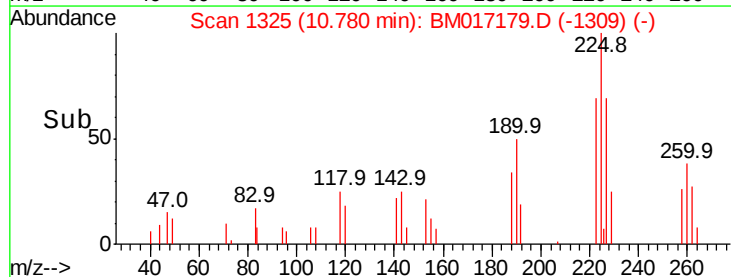
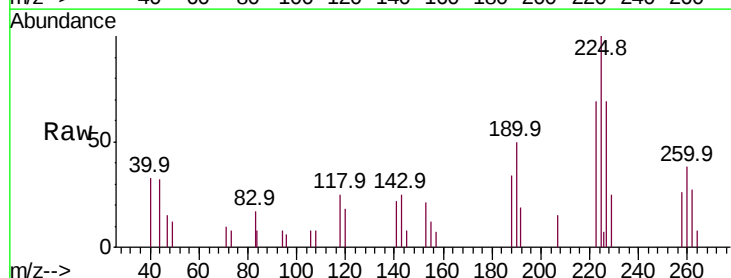
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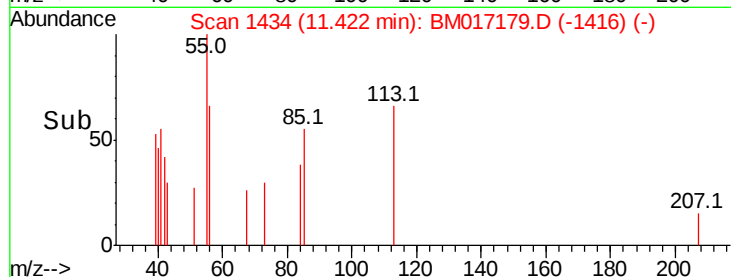
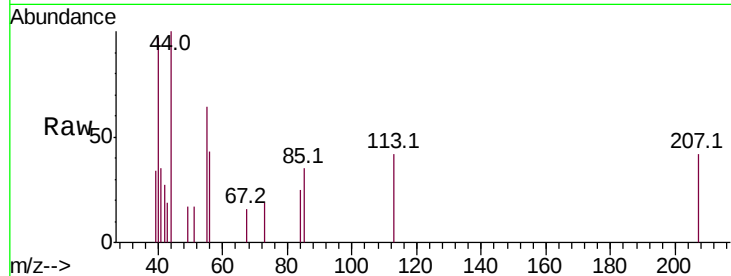
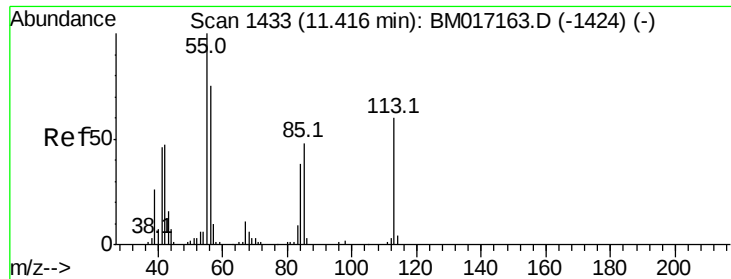
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#34
Hexachlorobutadiene
Concen: 0.866 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.8	51.0	76.6
227	69.5	50.8	76.2





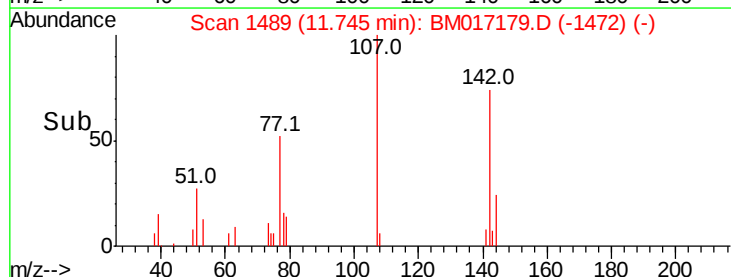
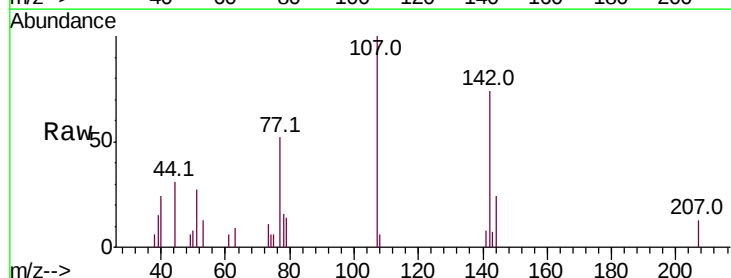
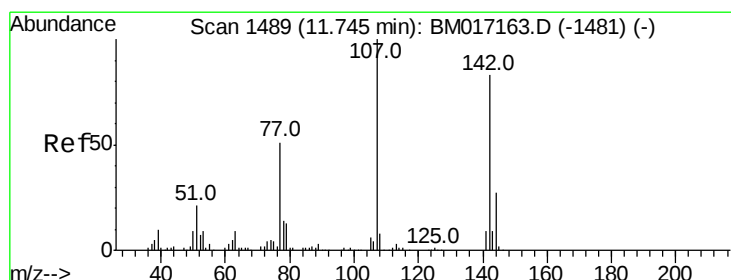
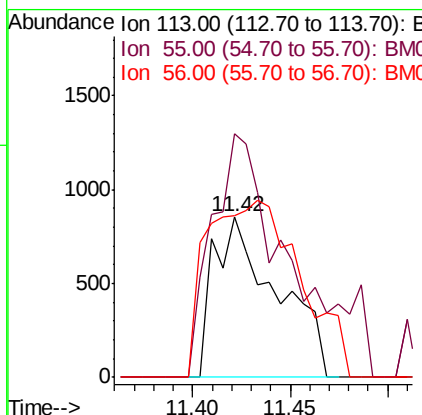
#35
Caprolactam
Concen: 0.426 ng
RT: 11.42 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion:113 Resp: 1925
Ion Ratio Lower Upper
113 100
55 151.8 147.0 187.0
56 100.9 104.5 144.5#

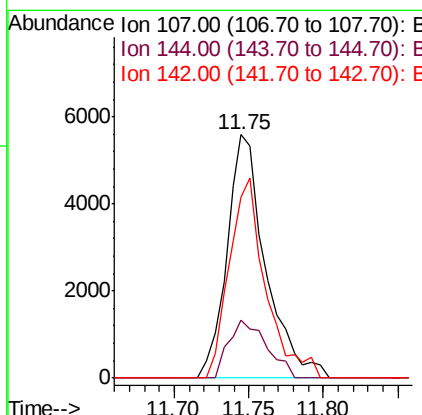
Manual Integrations
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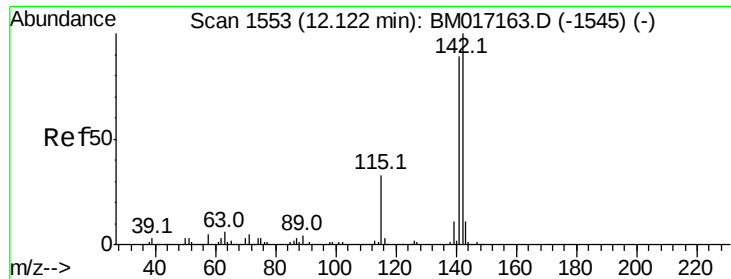
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#36
4-Chloro-3-methylphenol
Concen: 0.722 ng
RT: 11.75 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion:107 Resp: 10091
Ion Ratio Lower Upper
107 100
144 24.0 21.6 32.4
142 74.4 66.0 99.0





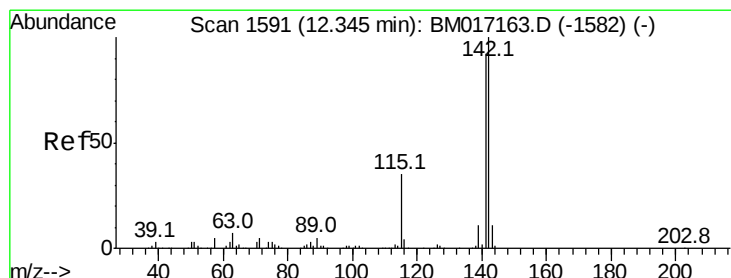
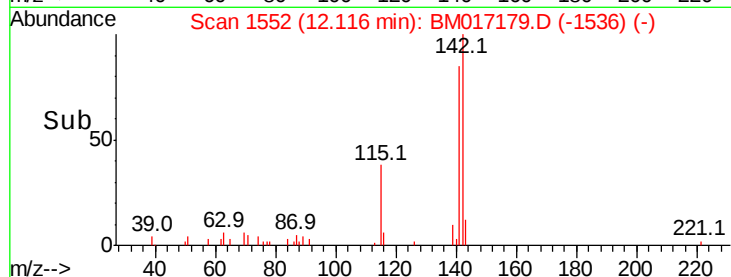
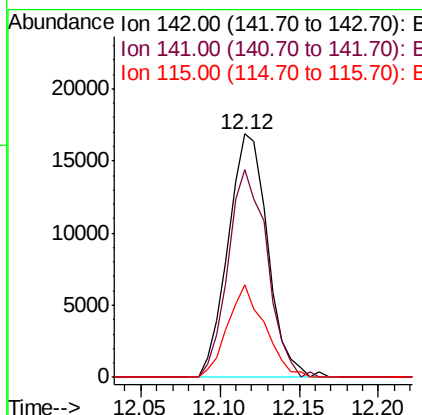
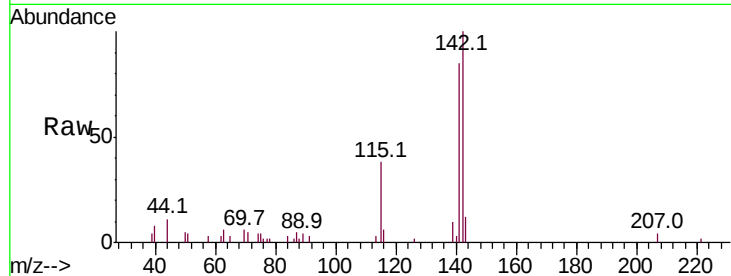
#37
2-Methylnaphthalene
Concen: 1.017 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.4	70.9	106.3
115	37.9	26.4	39.6

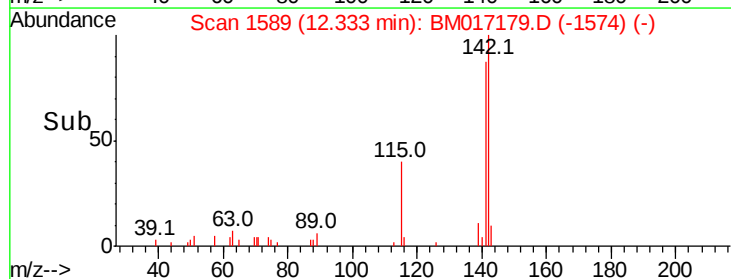
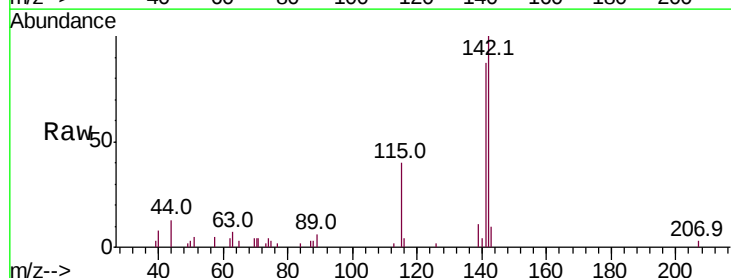
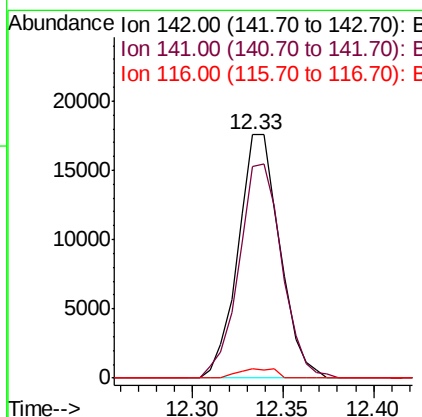
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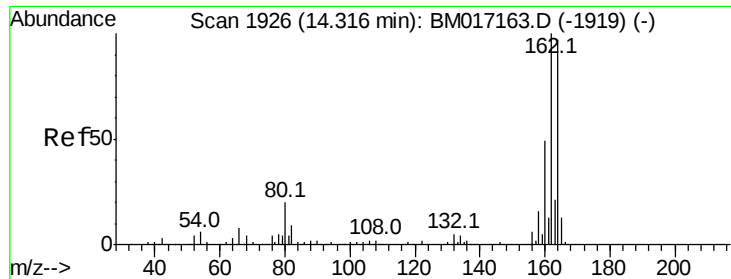
Sohil
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#38
1-Methylnaphthalene
Concen: 1.009 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	73.8	110.6
116	3.8	2.9	4.3





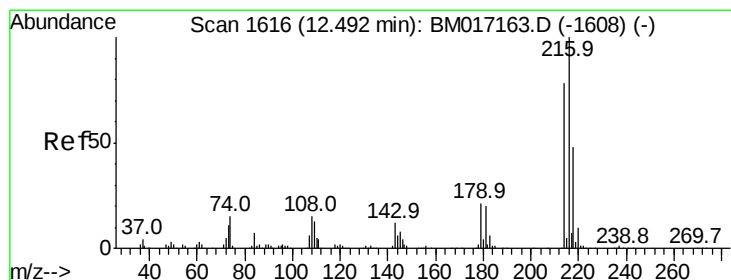
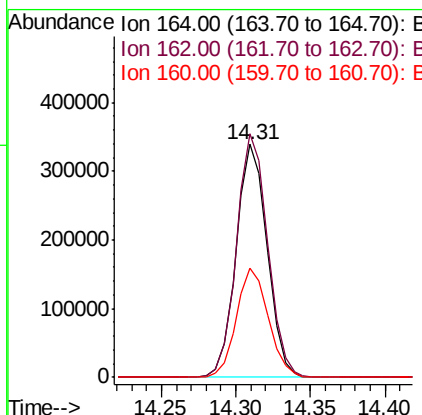
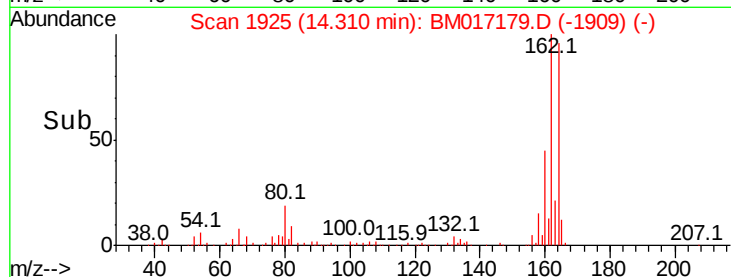
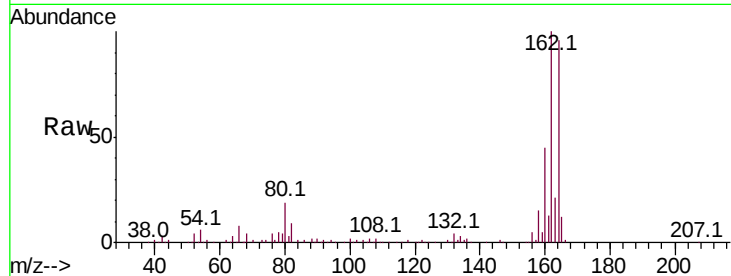
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.1	123.1
160	46.9	40.2	60.2

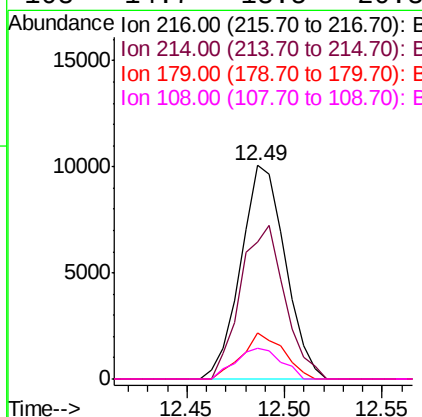
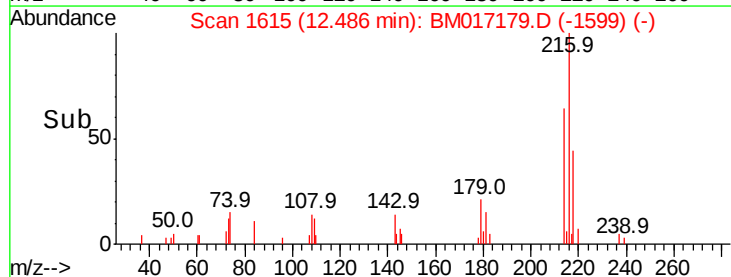
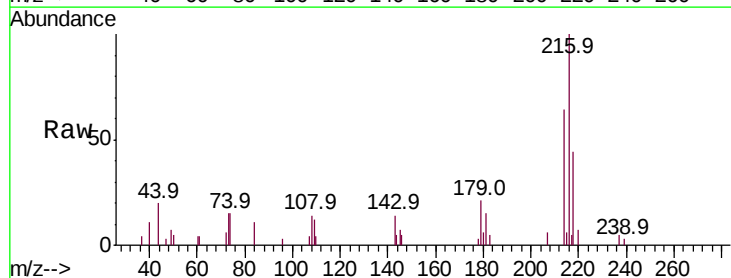
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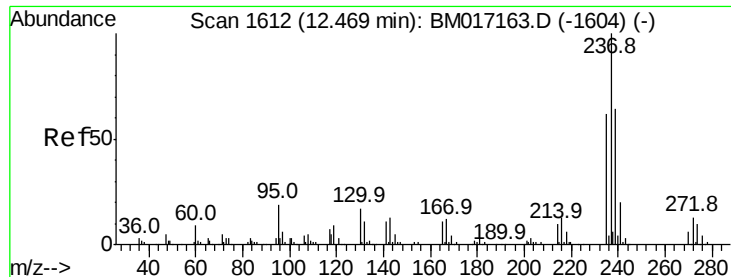
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.922 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	71.5	62.6	93.8
179	20.2	16.6	24.8
108	14.7	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 0.975 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

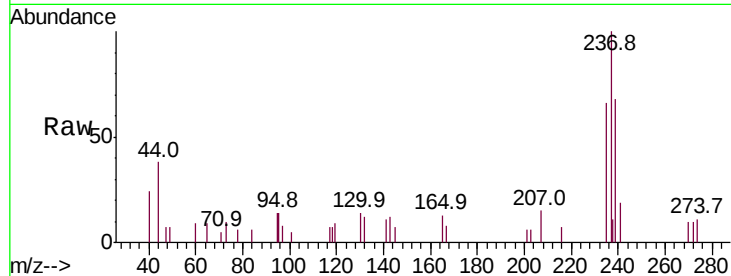
ClientSampleId :

MDL-WATER-03-QT4-2018

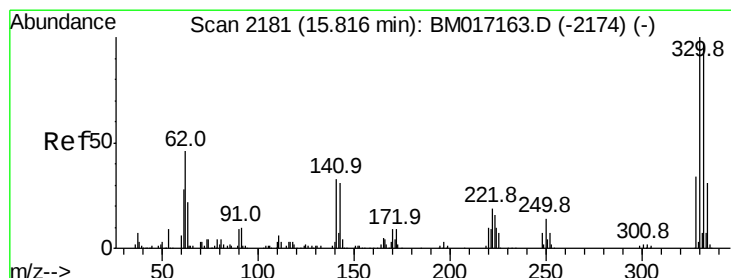
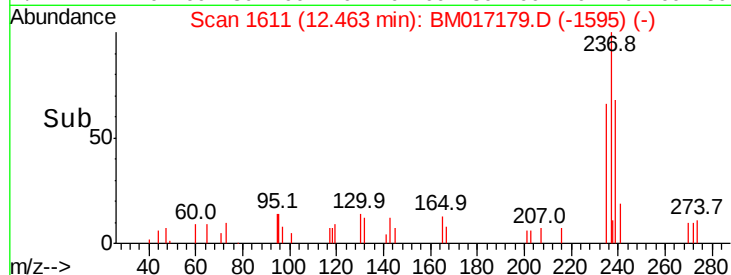
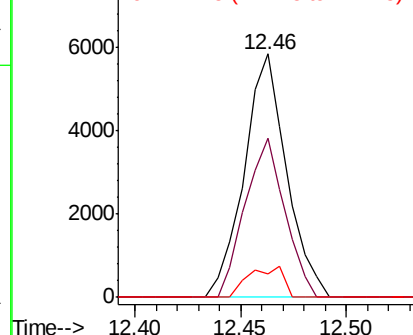
Tot Ion:	237	Resp:	8139
Ion Ratio	Lower	Upper	
237	100		
235	65.6	42.4	82.4
272	9.9	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 140.172 ng

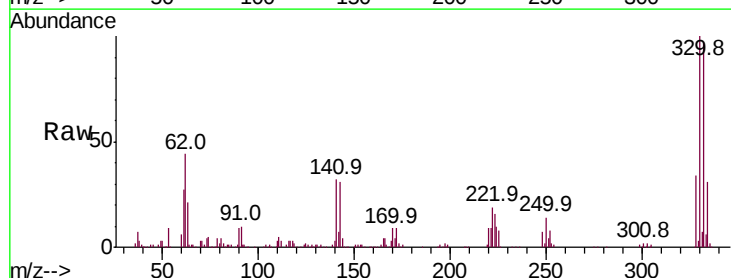
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

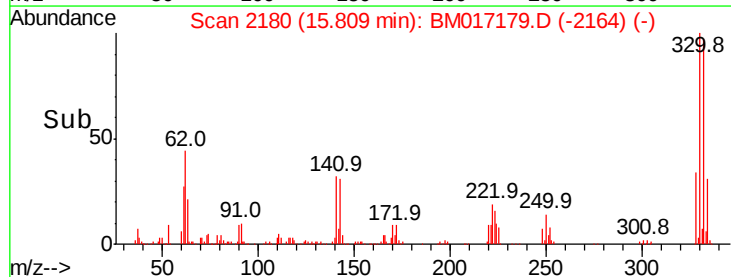
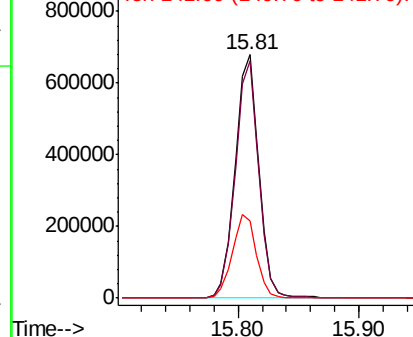
Lab File: BM017179.D

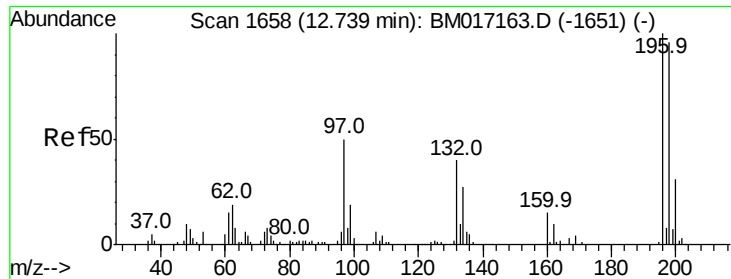
Acq: 18 Oct 2018 05:34

Tgt Ion:	330	Resp:	929028
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.3	115.9
141	34.8	27.4	41.0



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





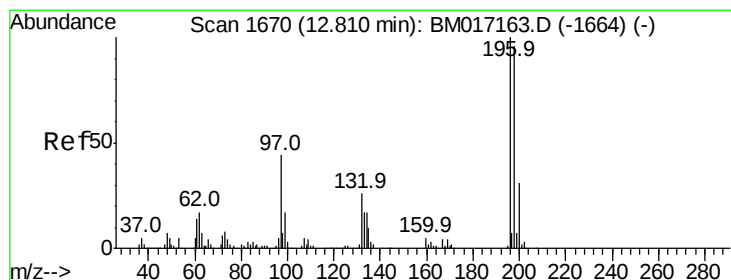
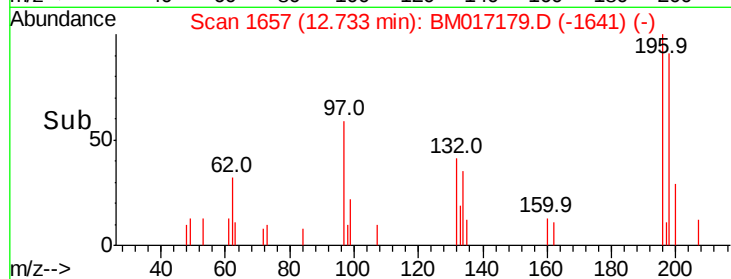
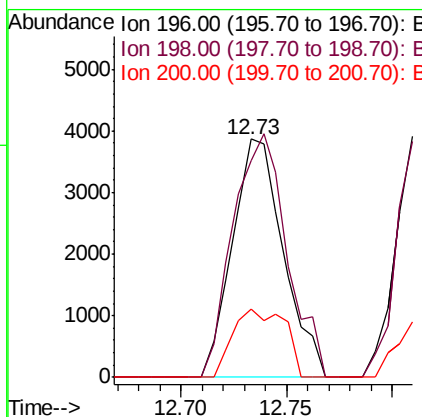
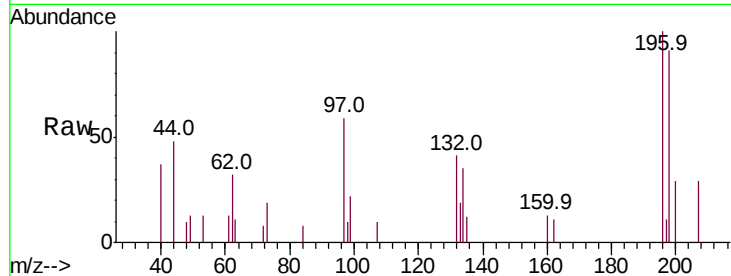
#43
 2,4,6-Trichlorophenol
 Concen: 0.647 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.2	77.1	115.7
200	28.5	25.0	37.4

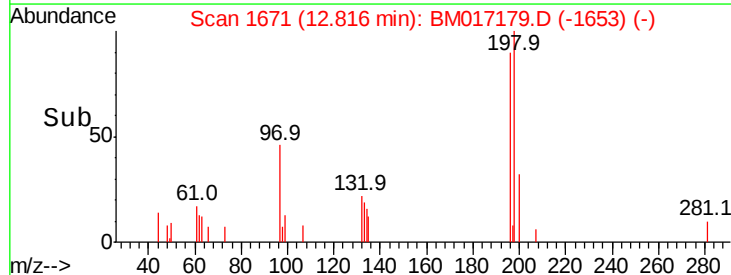
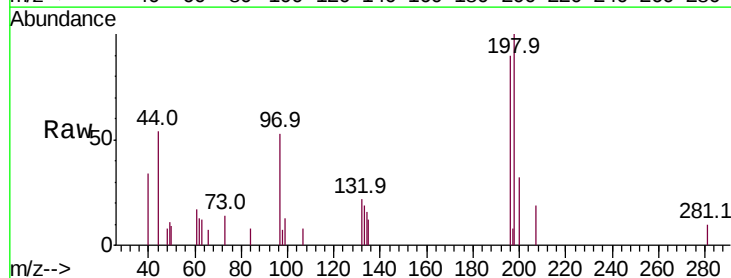
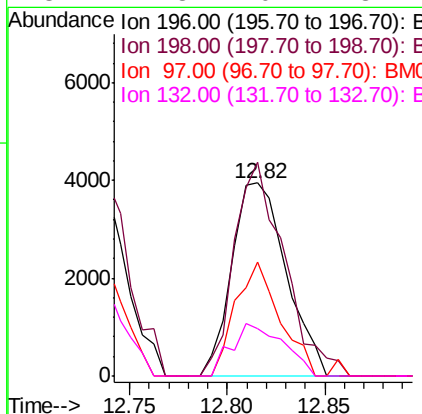
Manual Integrations
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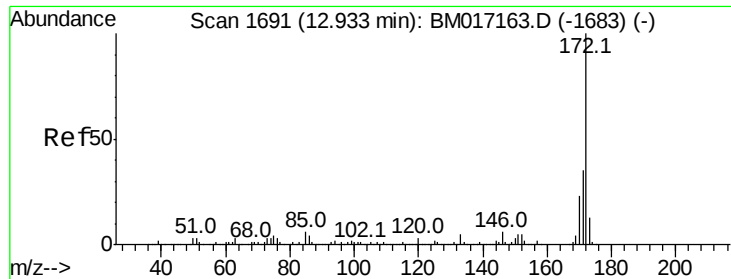
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 0.711 ng
 RT: 12.82 min Scan# 1671
 Delta R.T. 0.01 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	110.5	76.6	115.0
97	59.1	35.5	53.3#
132	24.8	20.7	31.1





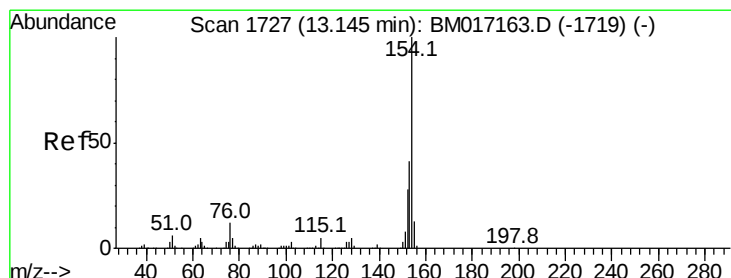
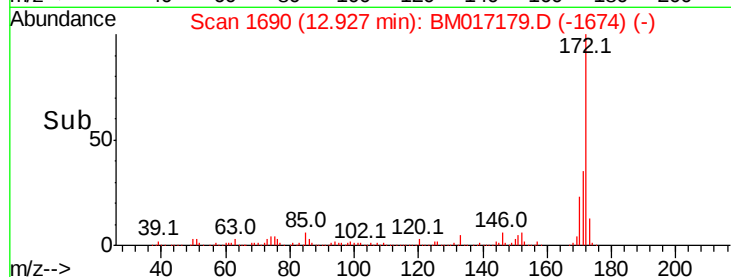
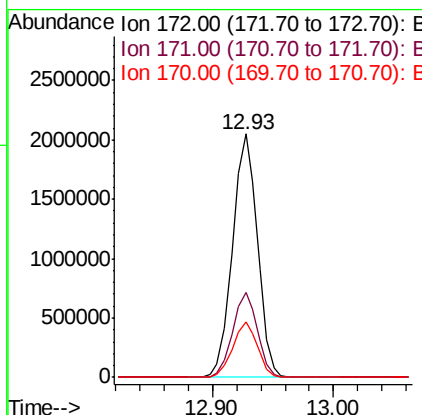
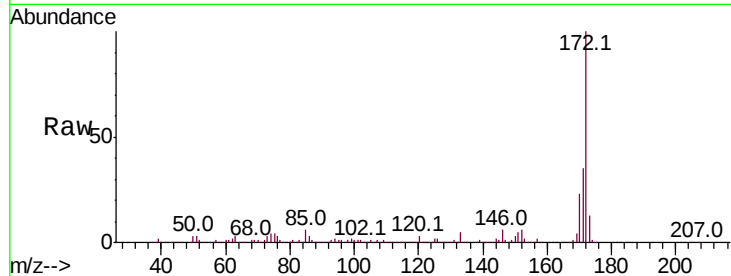
#45
2-Fluorobiphenyl
Concen: 79.992 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.7	18.3	27.5

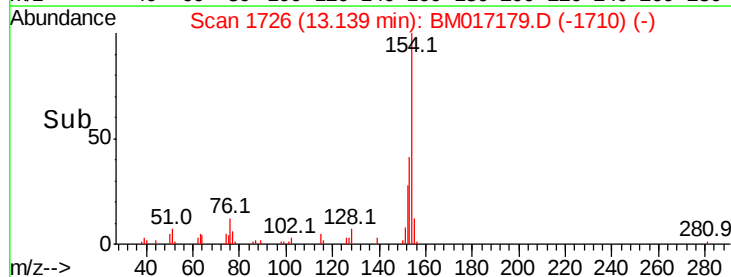
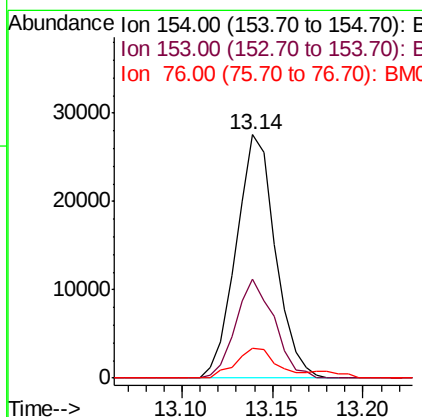
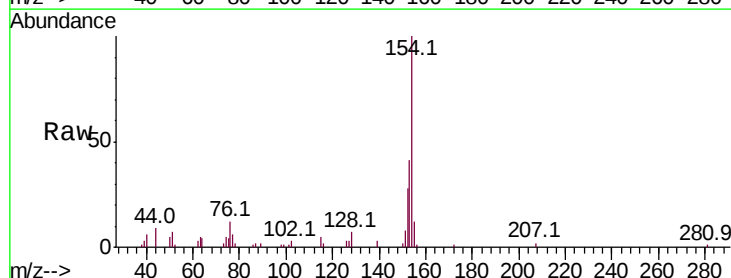
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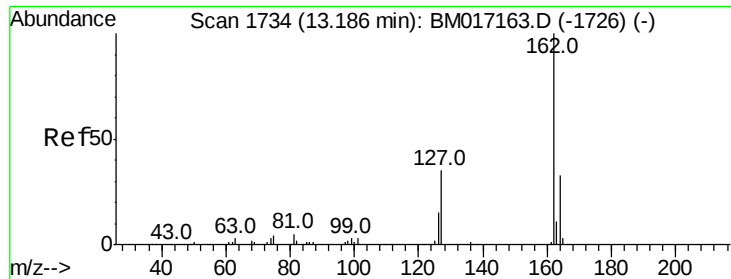
Sohil
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#46
1,1'-Biphenyl
Concen: 0.940 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.5	60.5
76	12.2	0.0	31.8





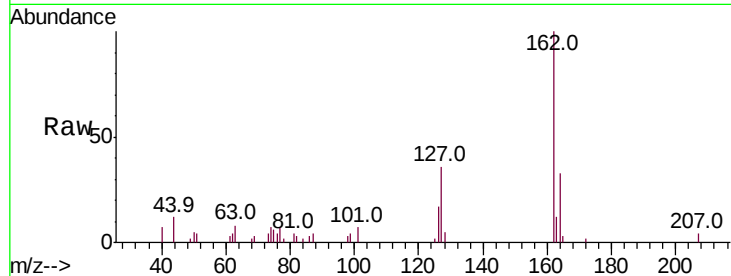
#47
 2-Chloronaphthalene
 Concen: 0.905 ng
 RT: 13.18 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

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

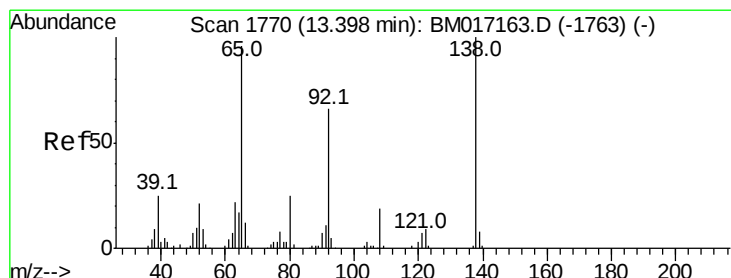
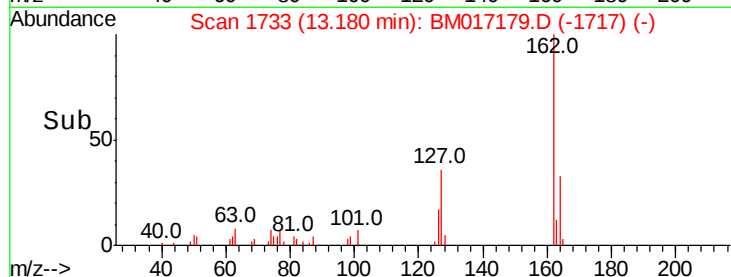
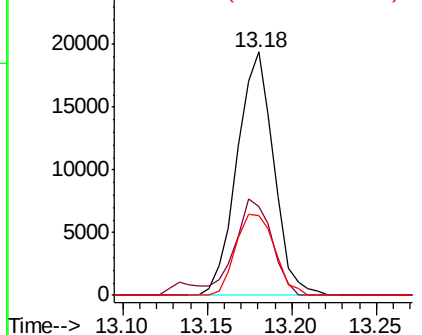
Tot Ion:	162	Resp:	29351
Ion Ratio	Lower	Upper	
162	100		
127	36.4	31.0	46.4
164	32.9	26.6	39.8

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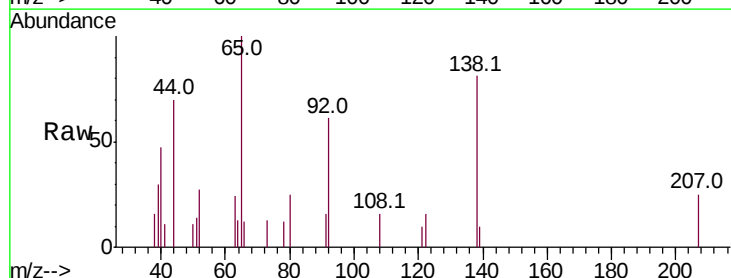


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

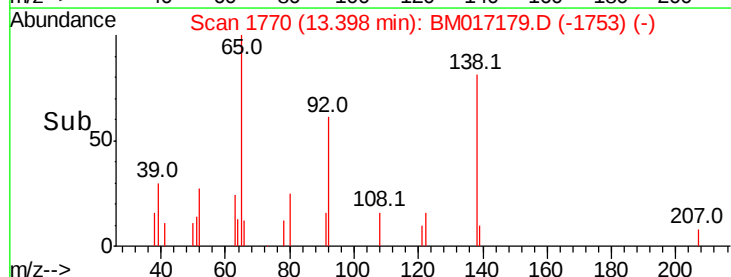
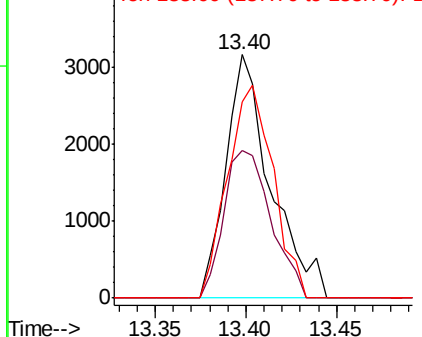


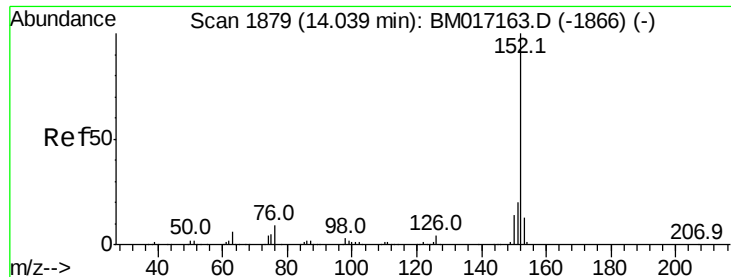
#48
 2-Nitroaniline
 Concen: 6.212 ng
 RT: 13.40 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

Tgt Ion:	65	Resp:	5458
Ion Ratio	Lower	Upper	
65	100		
92	60.7	54.9	82.3
138	80.6	83.7	125.5#



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.875 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

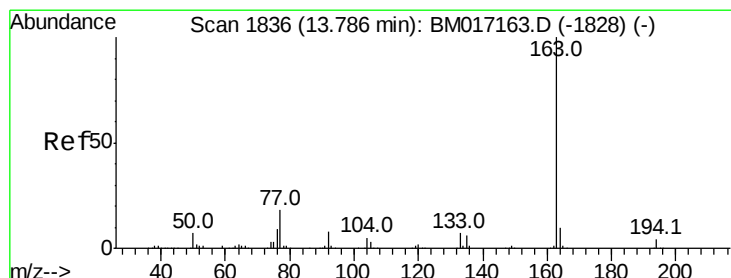
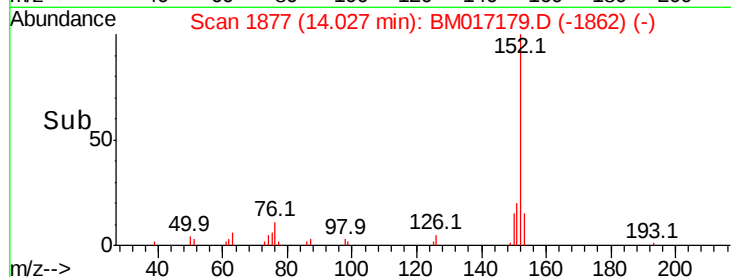
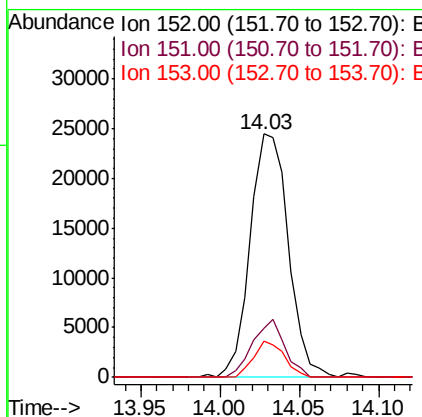
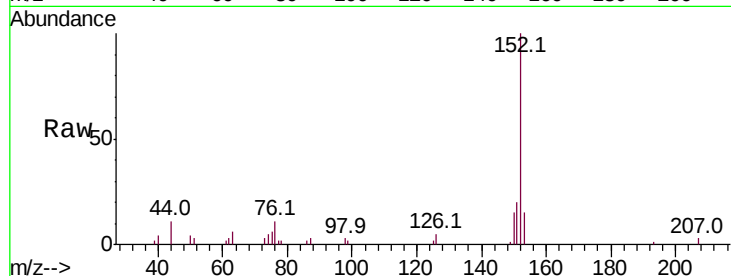
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:	152	Resp:	41166
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.0	24.0
153	14.8	10.4	15.6

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#50

Dimethylphthalate

Concen: 0.939 ng

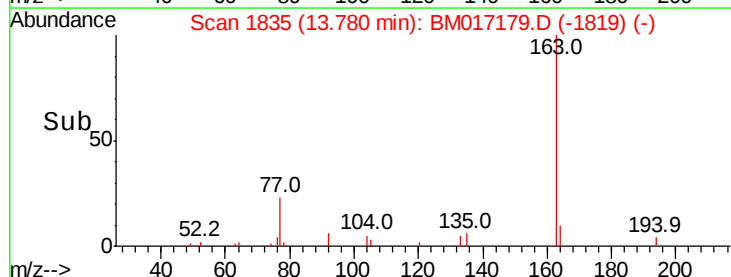
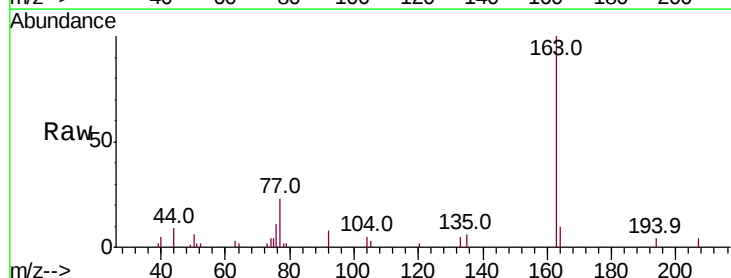
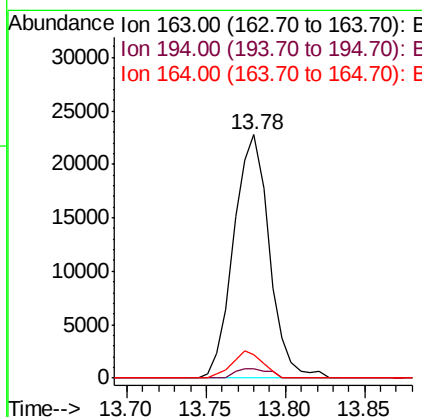
RT: 13.78 min Scan# 1835

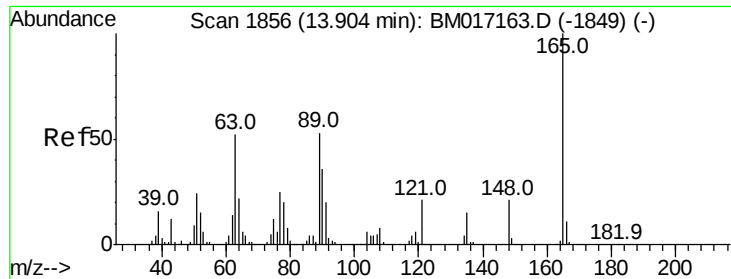
Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Tgt Ion:	163	Resp:	35513
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.3	4.9
164	9.6	7.8	11.8





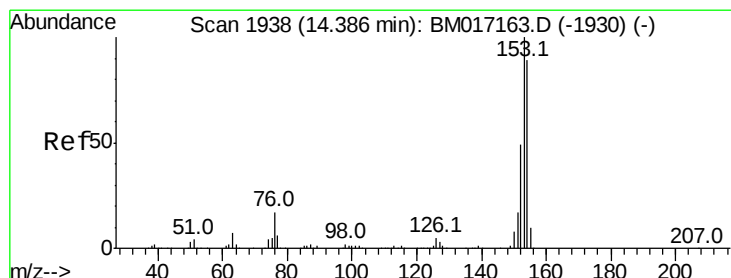
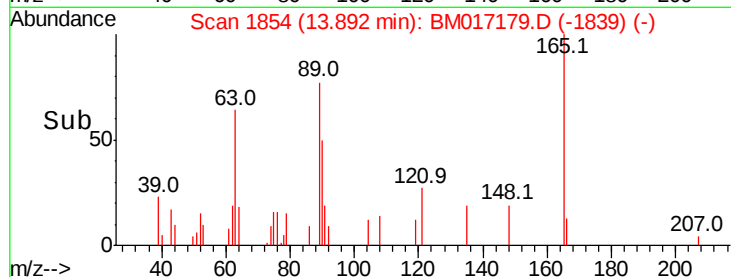
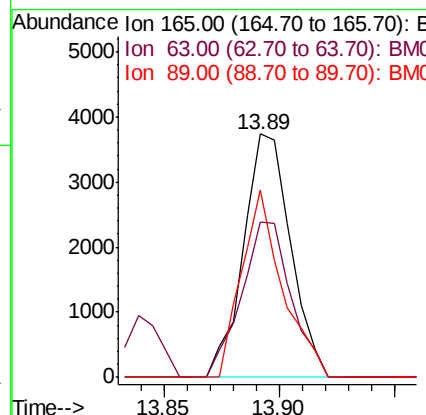
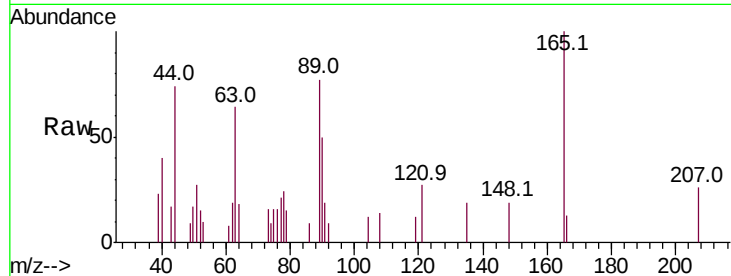
#51
 2,6-Dinitrotoluene
 Concen: 0.639 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.6	42.7	64.1
89	77.2	42.1	63.1#

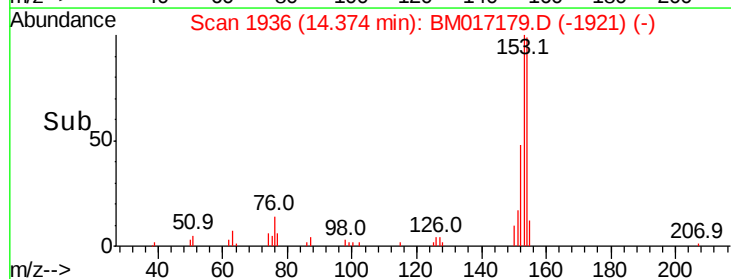
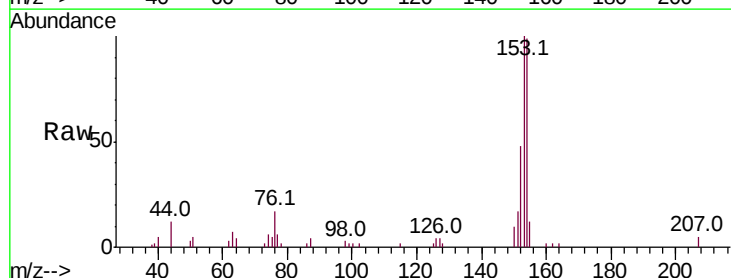
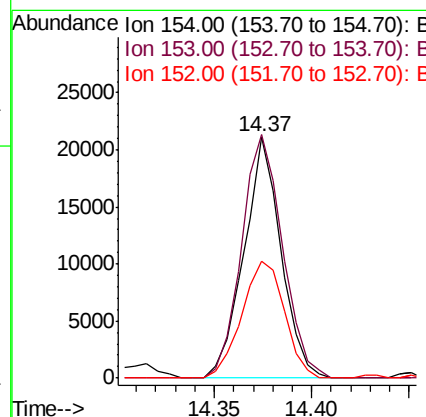
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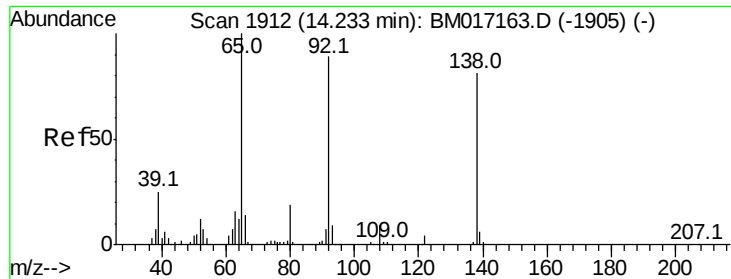
Sohil
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#52
 Acenaphthene
 Concen: 0.941 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	100.9	90.2	135.2
152	48.7	44.2	66.4





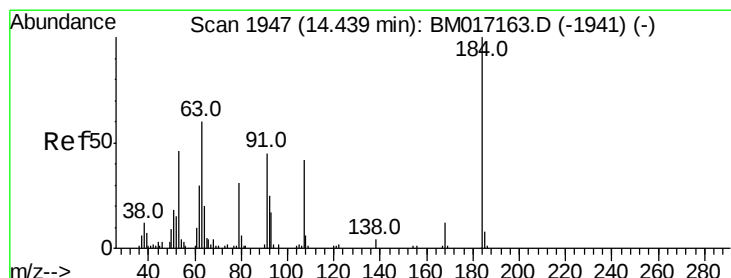
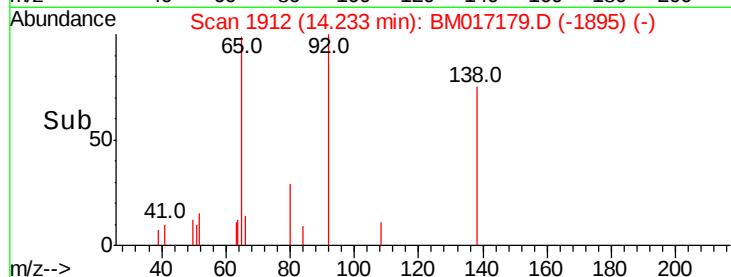
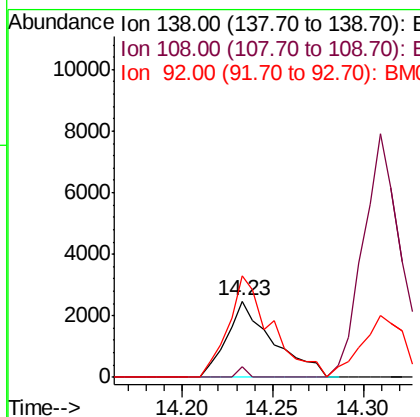
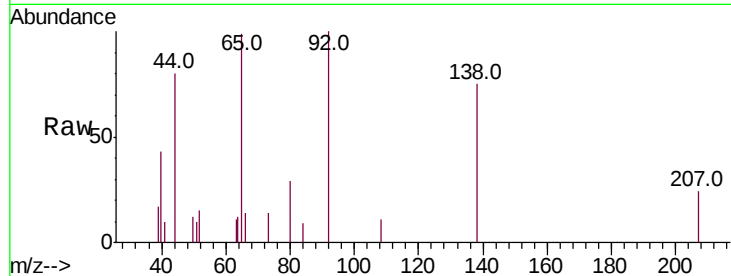
#53
3-Nitroaniline
Concen: 0.488 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion:138 Resp: 4400
Ion Ratio Lower Upper
138 100
108 14.8 8.7 13.1#
92 132.5 87.9 131.9#

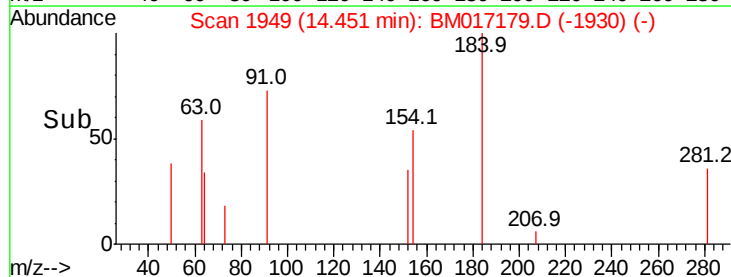
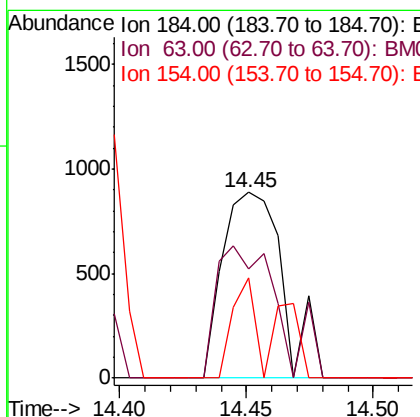
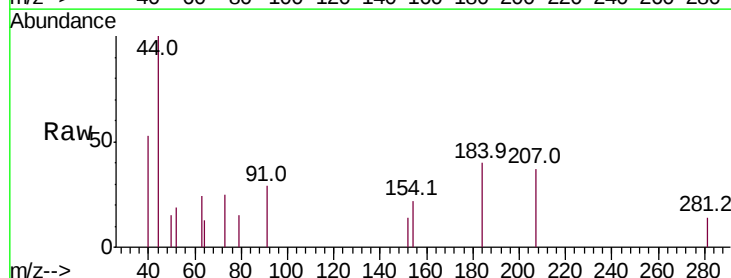
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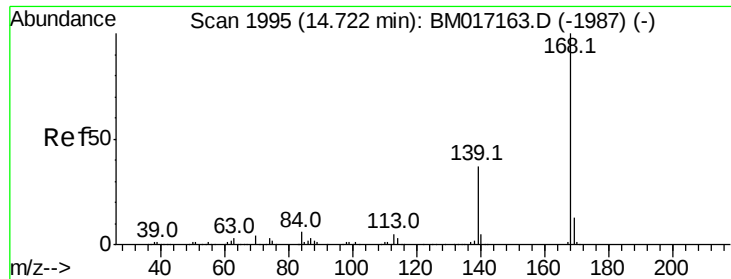
Sohil
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#54
2,4-Dinitrophenol
Concen: 8.496 ng
RT: 14.45 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion:184 Resp: 1466
Ion Ratio Lower Upper
184 100
63 59.2 51.2 76.8
154 54.2 47.8 71.8





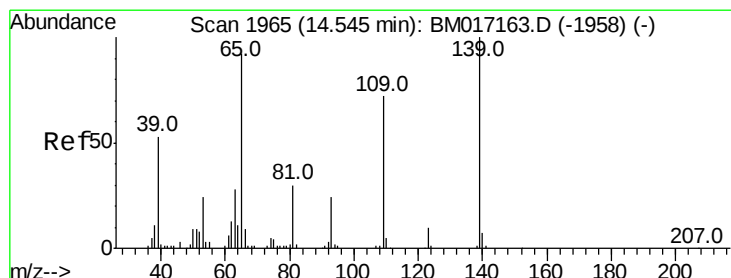
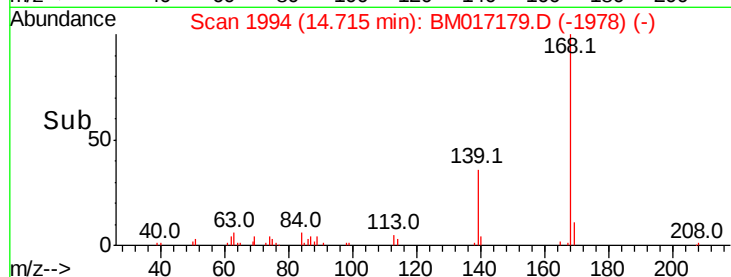
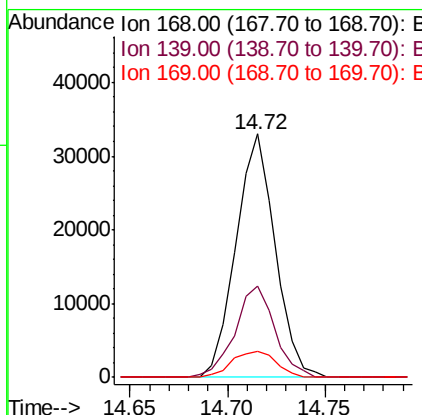
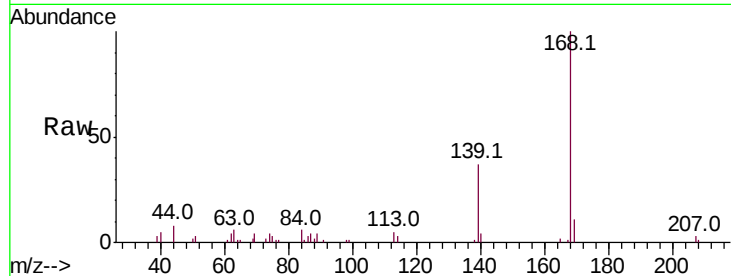
#55
Dibenzofuran
Concen: 0.935 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.3	43.9
169	10.7	10.6	15.8

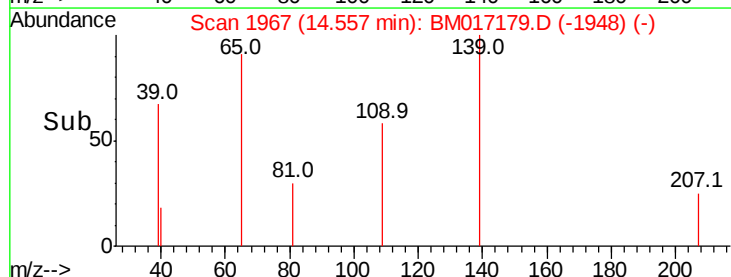
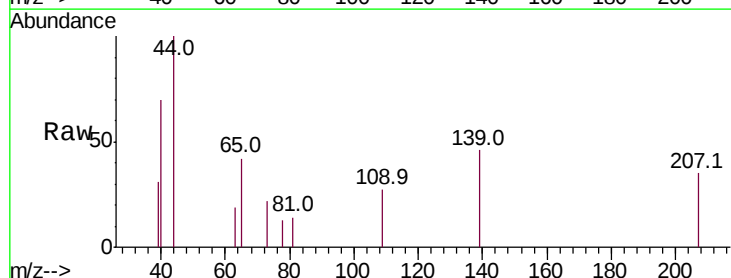
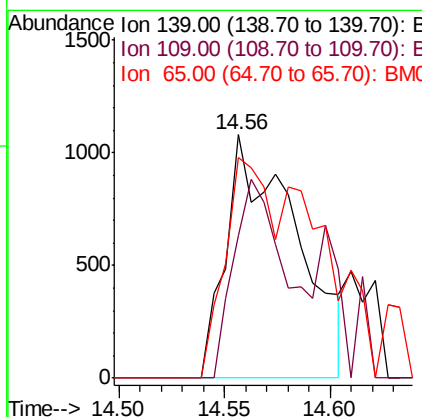
Manual Integrations
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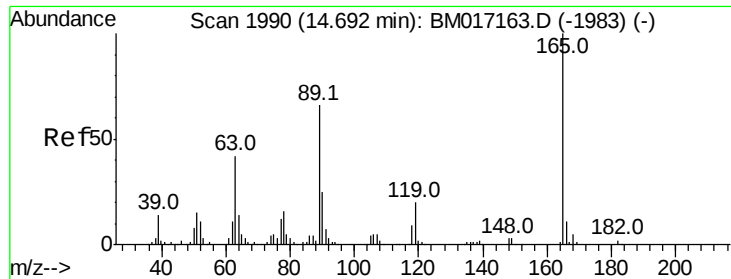
Sohil
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#56
4-Nitrophenol
Concen: 5.000 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.5	51.8	91.8
65	90.8	72.1	112.1





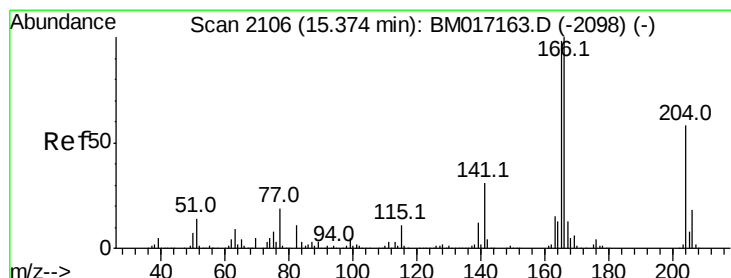
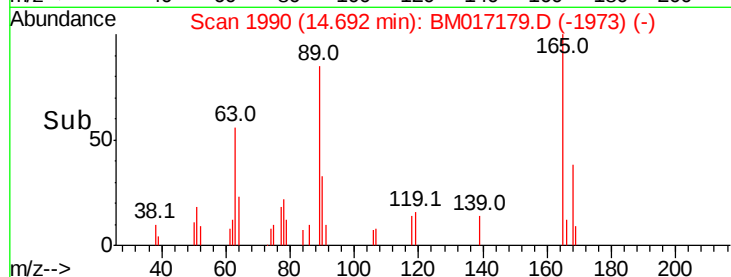
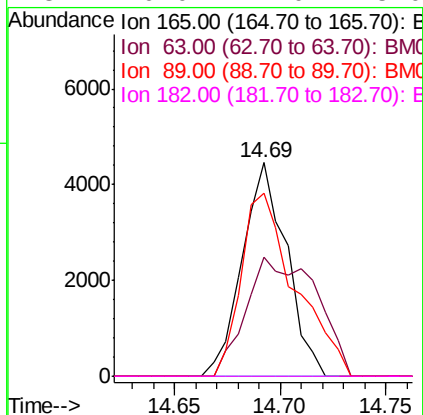
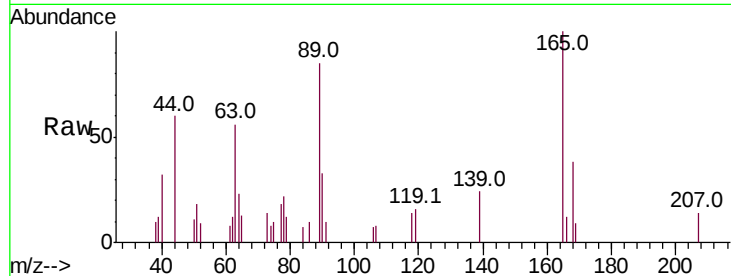
#57
 2,4-Dinitrotoluene
 Concen: 0.577 ng
 RT: 14.69 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.7	33.8	50.8#
89	85.4	53.1	79.7#
182	0.0	2.0	3.0#

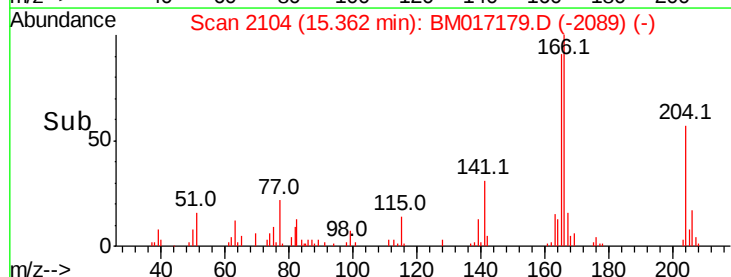
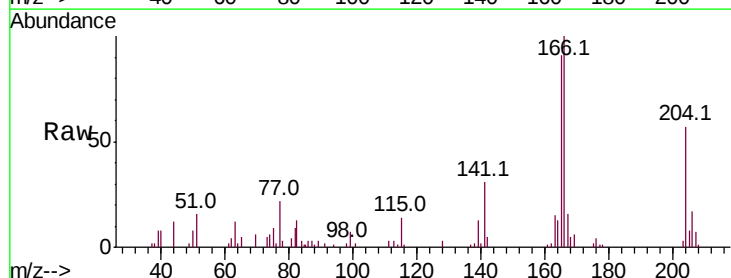
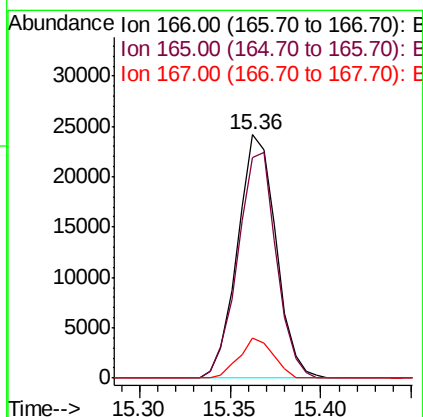
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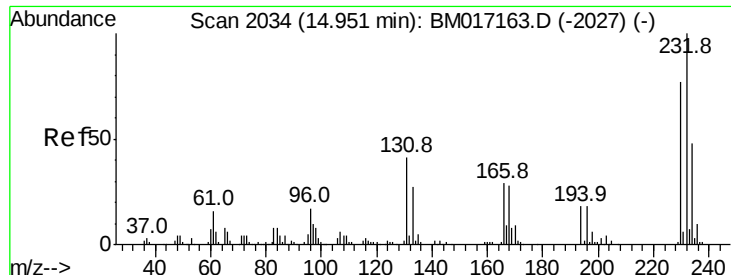
Sohil
 10/18/2018 5:33:33 PM



#58
 Fluorene
 Concen: 0.982 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	90.5	78.1	117.1
167	16.4	10.6	16.0#





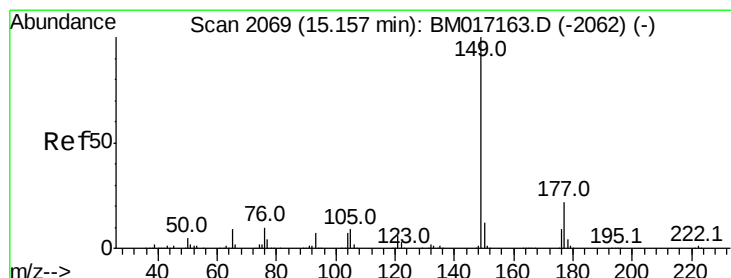
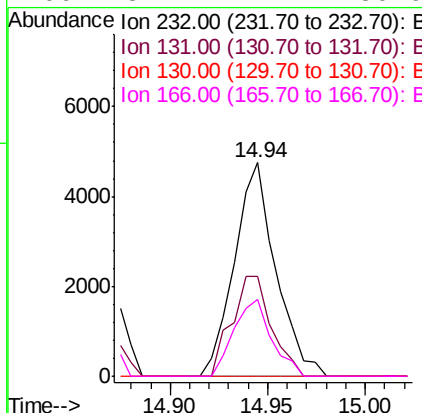
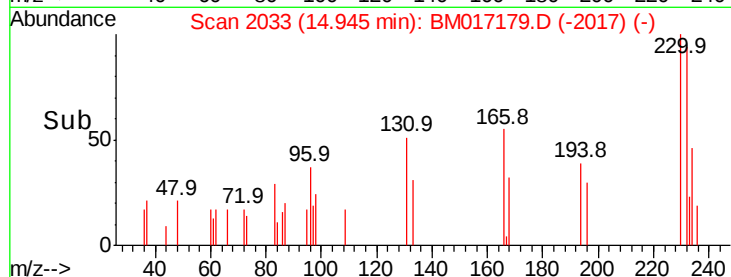
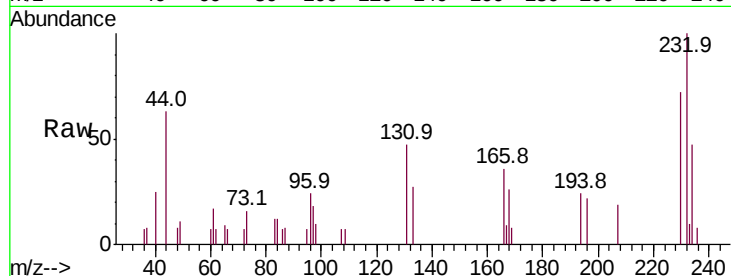
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.713 ng
 RT: 14.94 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	33.1	49.7
130	0.0	1.7	2.5
166	32.7	24.4	36.6

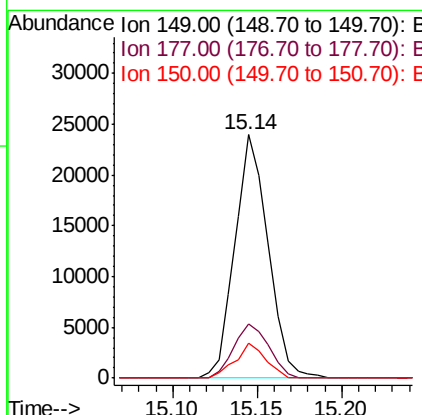
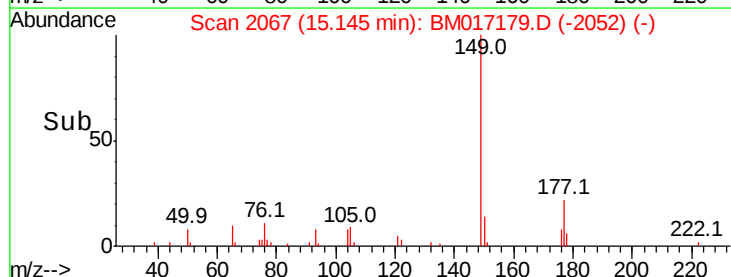
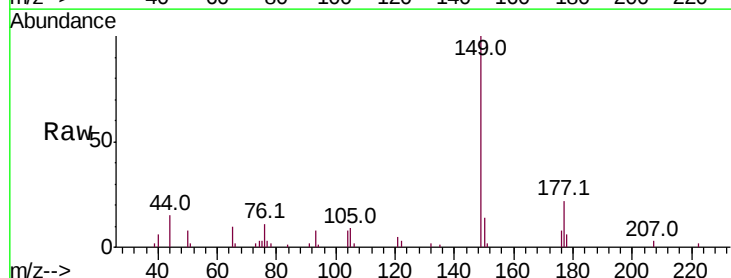
Manual Integrations
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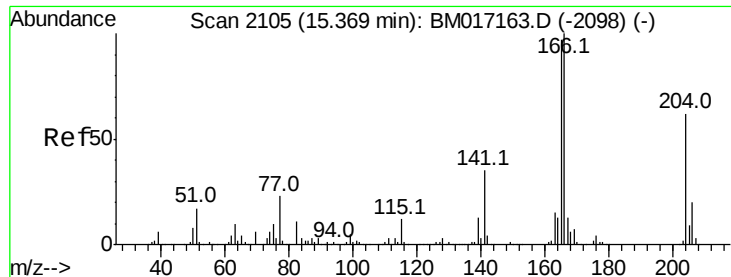
Sohil
 10/18/2018 5:33:33 PM



#60
 Diethylphthalate
 Concen: 0.874 ng
 RT: 15.14 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	14.2	10.0	15.0





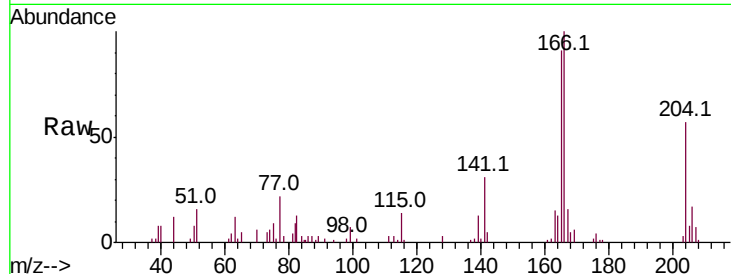
#61
4-Chlorophenyl-phenylether
Concen: 0.904 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	30.4	26.1	39.1
141	54.6	45.4	68.2

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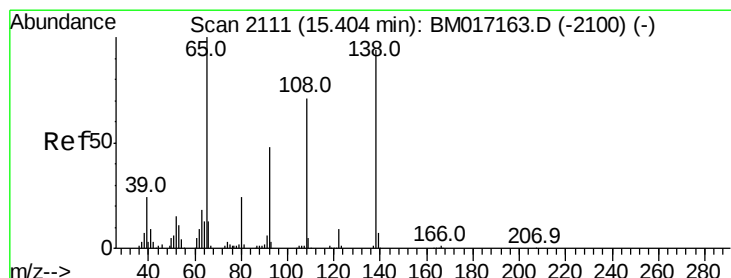
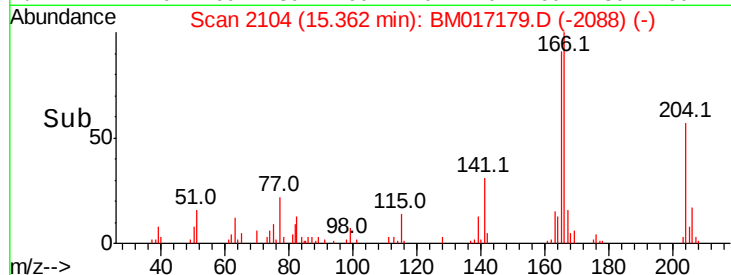
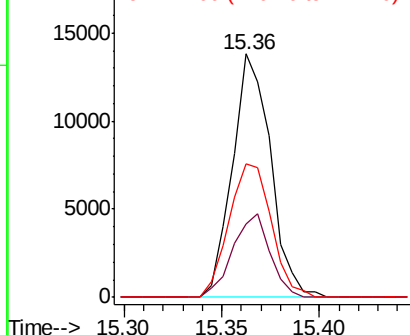


Abundance

Ion 204.00 (203.70 to 204.70): E

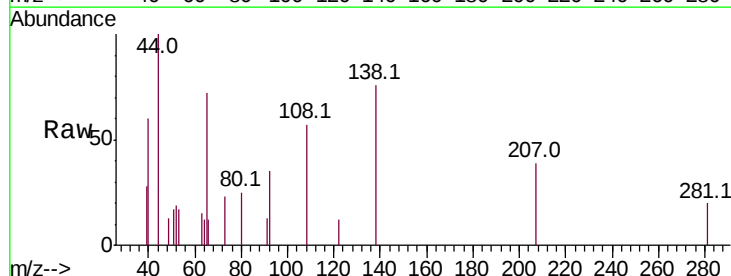
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 5.072 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	31.2	71.2
108	76.0	55.5	95.5

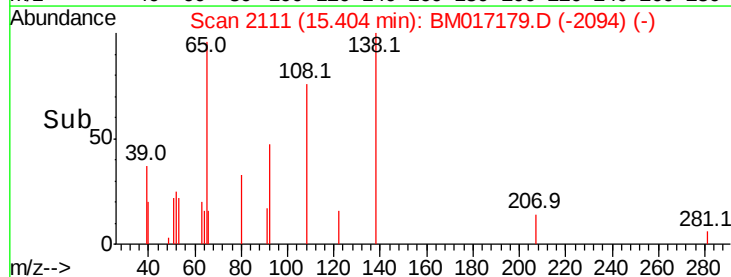
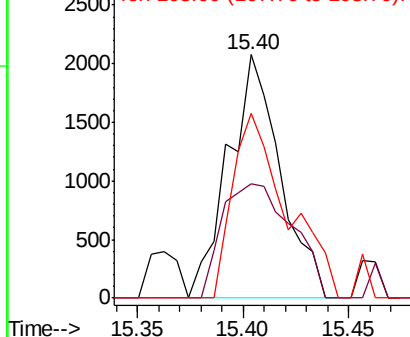


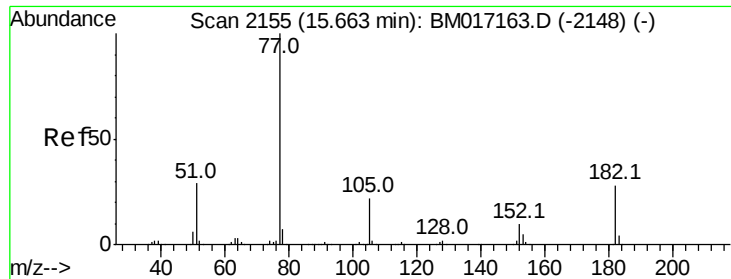
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





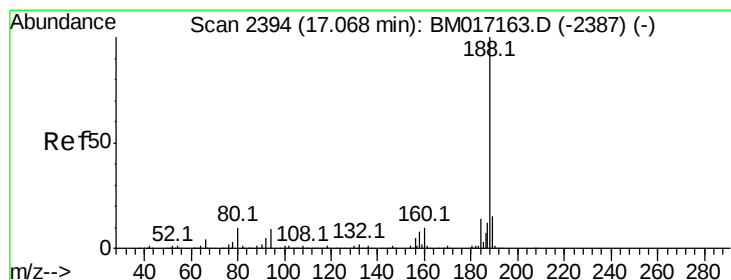
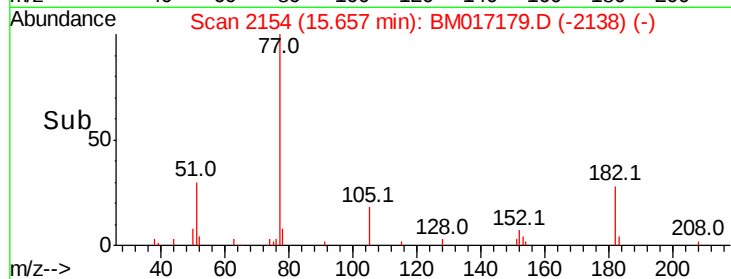
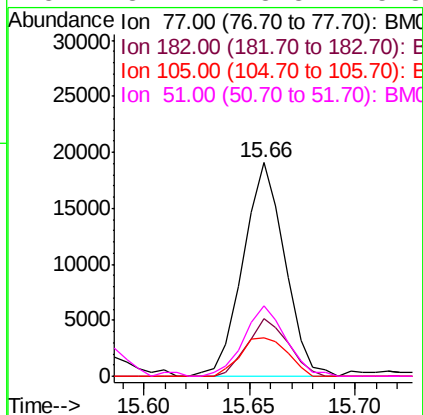
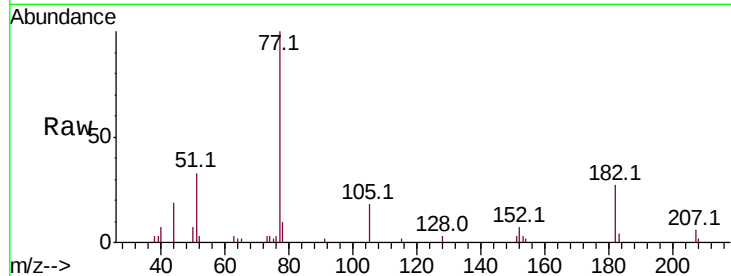
#63
Azobenzene
Concen: 0.719 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.3	48.3
105	17.9	1.5	41.5
51	32.7	8.8	48.8

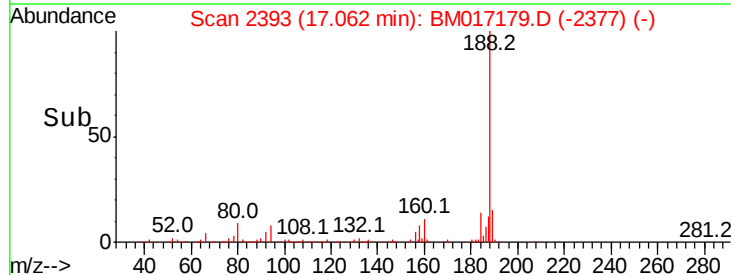
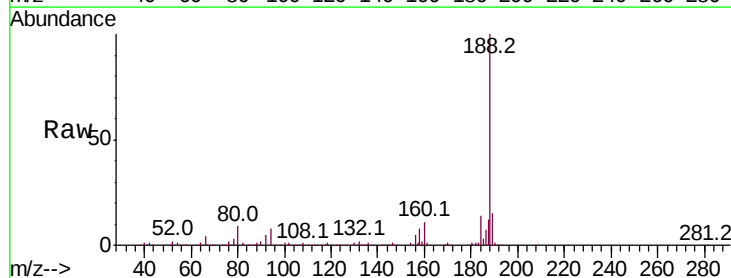
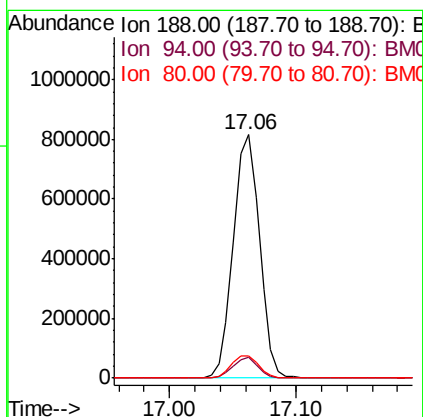
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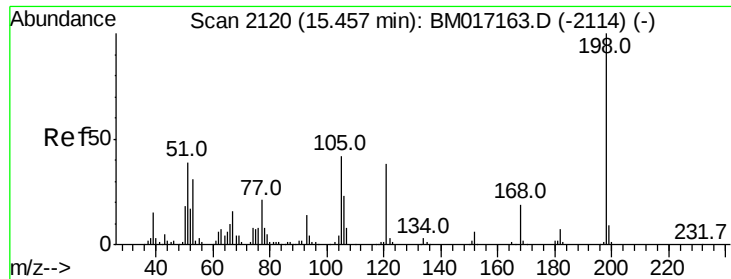
Sohil
10/18/2018 5:33:33 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	9.3	7.7	11.5





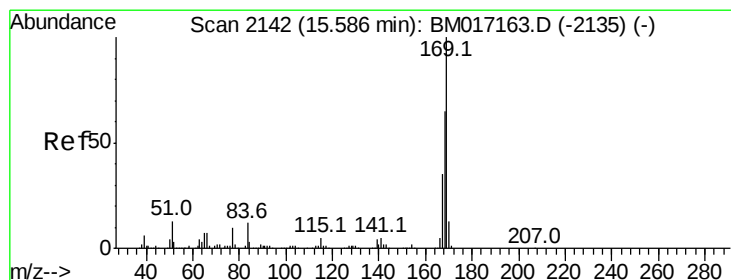
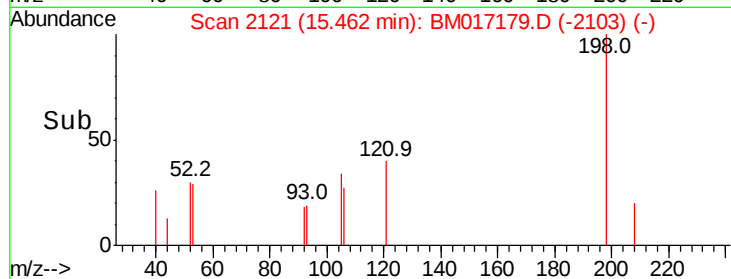
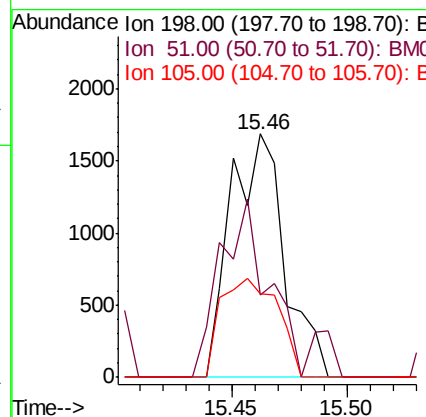
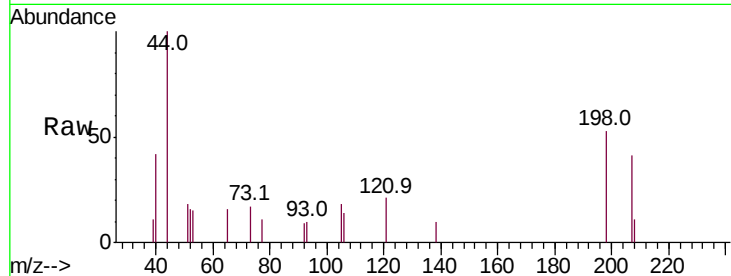
#65
4,6-Dinitro-2-methylphenol
Concen: 7.314 ng
RT: 15.46 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	2745		
51	33.6		20.3	60.3
105	34.2		21.9	61.9

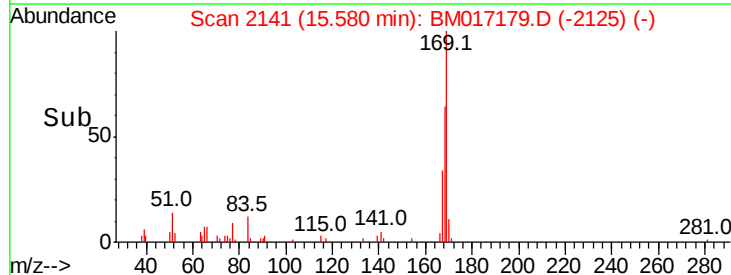
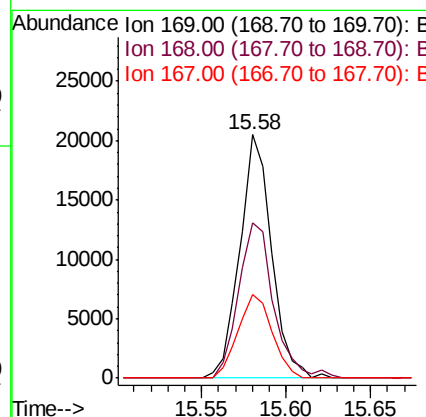
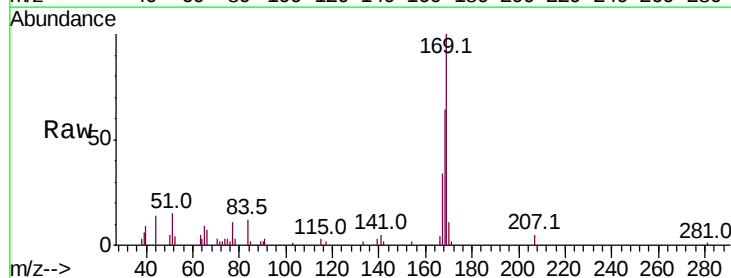
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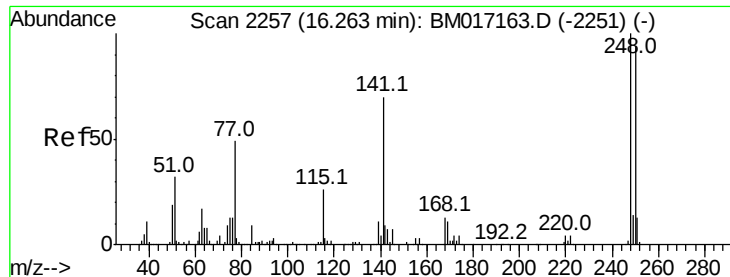
Sohil
10/18/2018 5:33:33 PM



#66
n-Nitrosodiphenylamine
Concen: 0.758 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	26847		
168	63.9		52.2	78.4
167	34.5		28.4	42.6





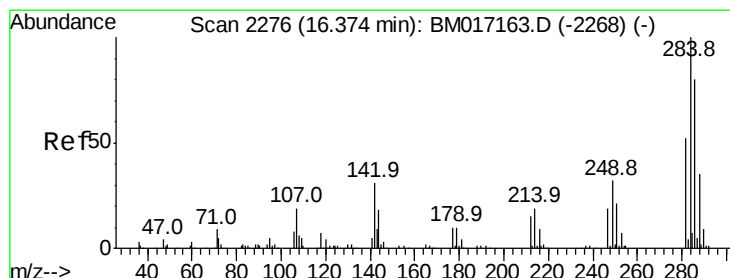
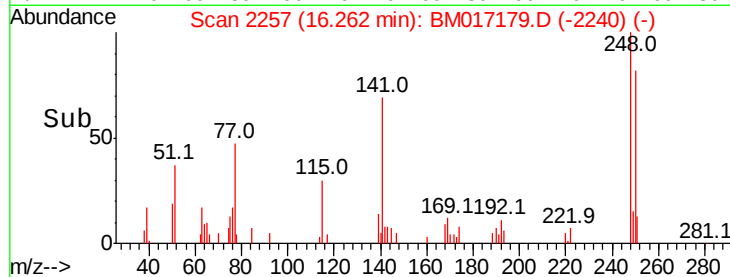
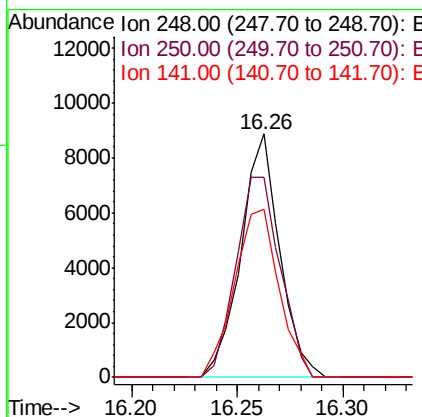
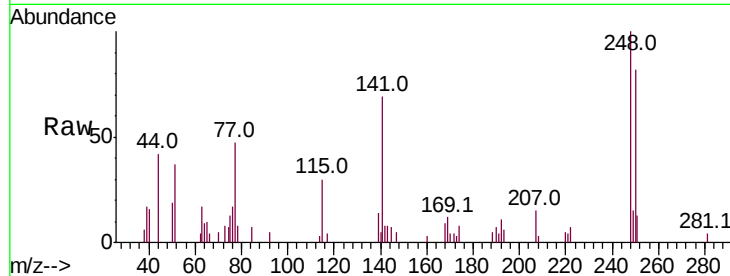
#67
 4-Bromophenyl-phenylether
 Concen: 0.881 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

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

Tot Ion:	248	Resp:	11321
Ion Ratio	Lower	Upper	
248	100		
250	82.2	75.1	112.7
141	69.0	55.6	83.4

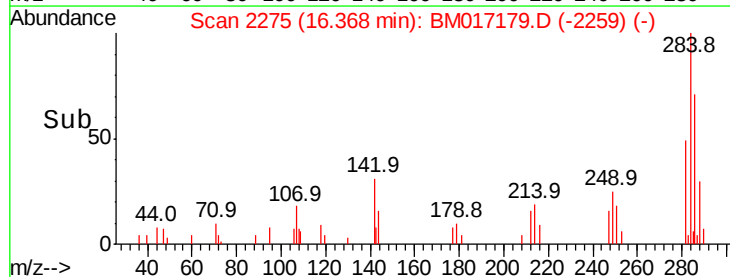
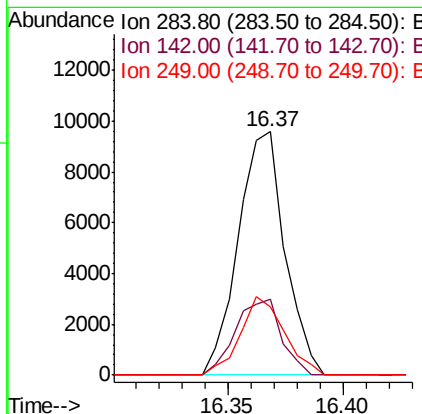
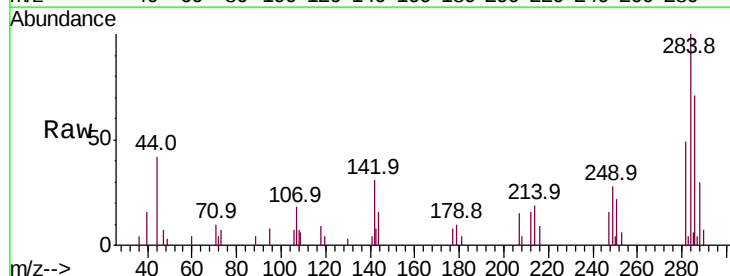
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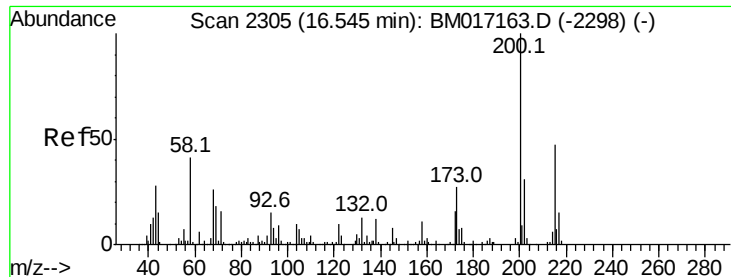
Sohil
 10/18/2018 5:33:33 PM



#68
 Hexachlorobenzene
 Concen: 0.905 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

Tgt Ion:	284	Resp:	13503
Ion Ratio	Lower	Upper	
284	100		
142	31.1	25.0	37.6
249	28.0	25.5	38.3





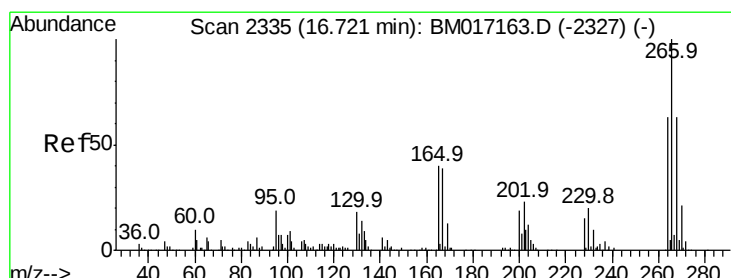
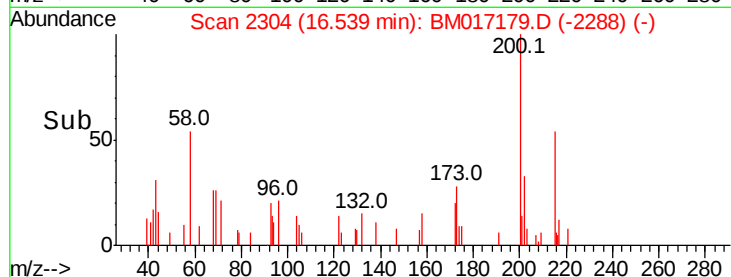
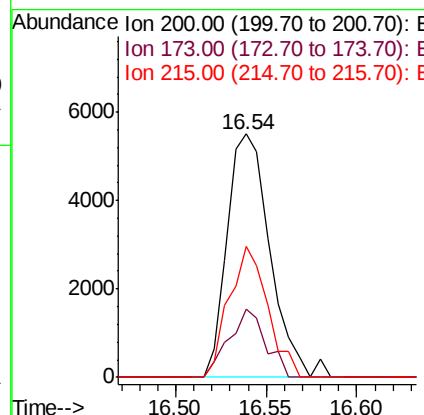
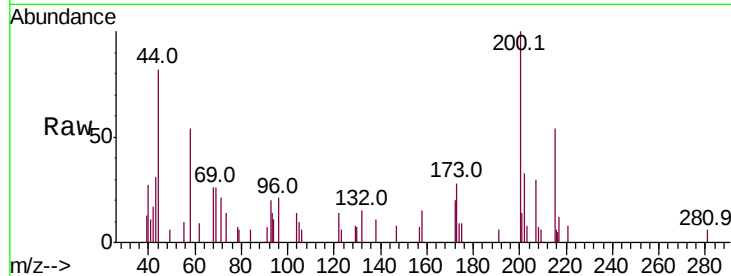
#69
Atrazine
Concen: 0.713 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.0	47.0
215	53.6	27.3	67.3

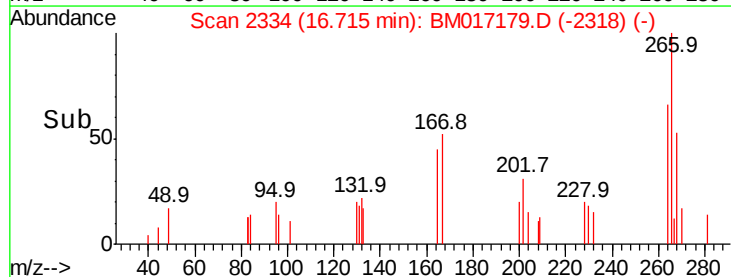
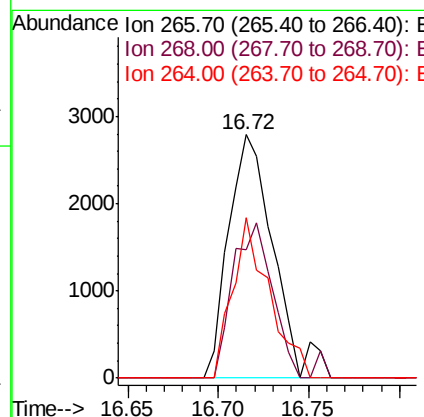
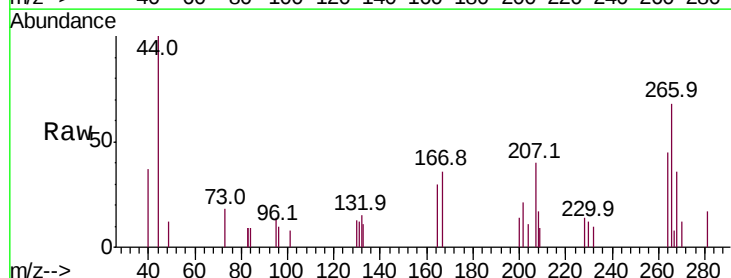
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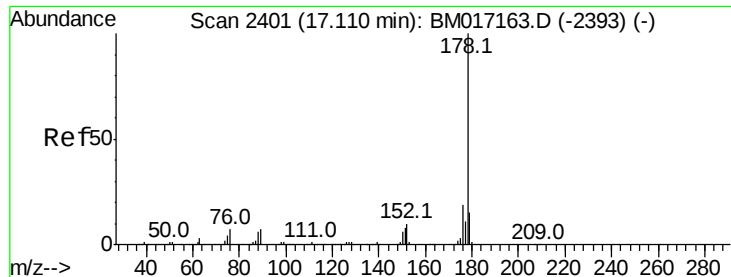
Sohil
10/18/2018 5:33:33 PM



#70
Pentachlorophenol
Concen: 0.472 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	52.9	50.7	76.1
264	65.9	50.4	75.6





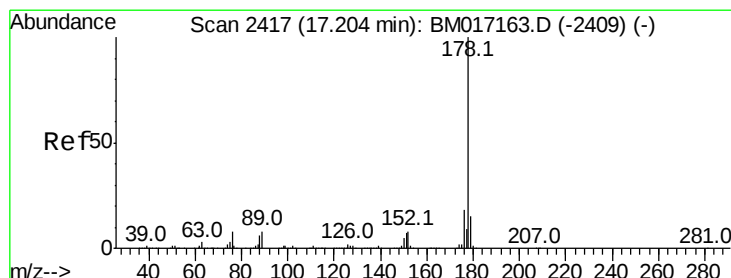
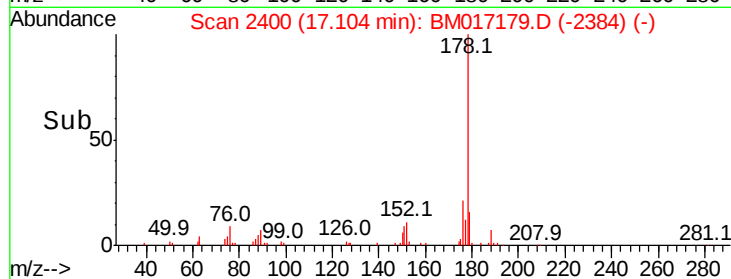
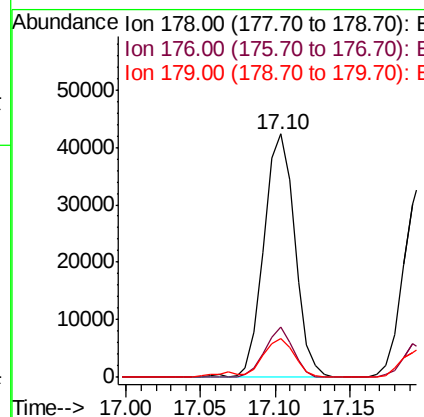
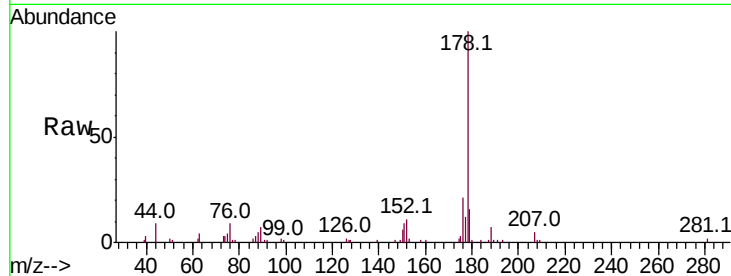
#71
Phenanthrene
Concen: 0.961 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.0	22.6
179	16.2	12.3	18.5

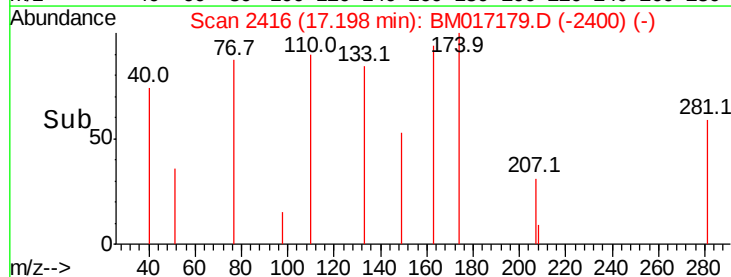
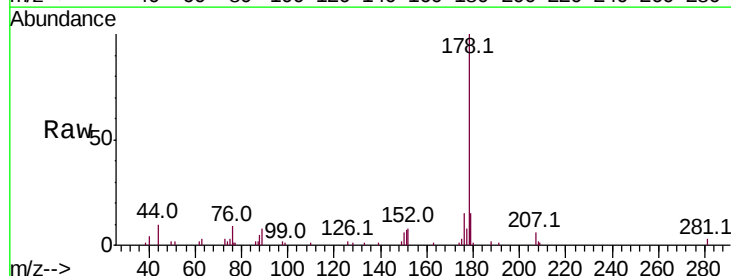
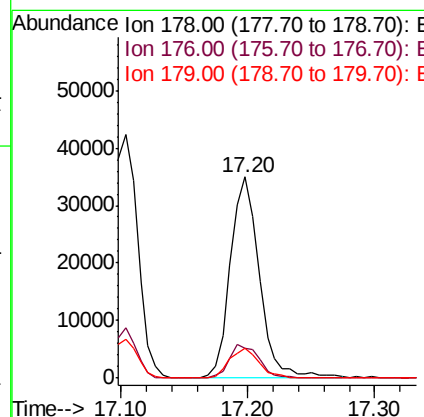
Manual Integrations
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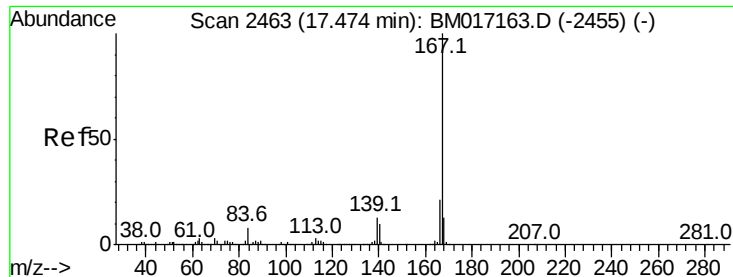
Sohil
10/18/2018 5:33:33 PM



#72
Anthracene
Concen: 0.925 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	15.0	14.5	21.7
179	14.8	12.2	18.2





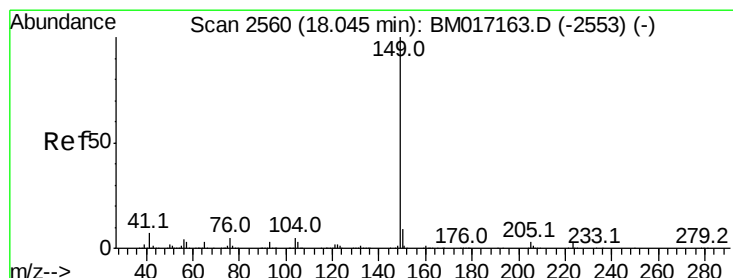
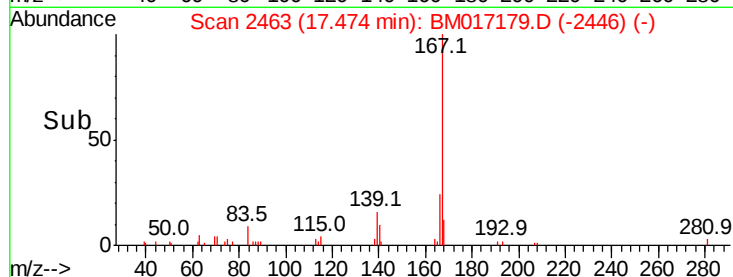
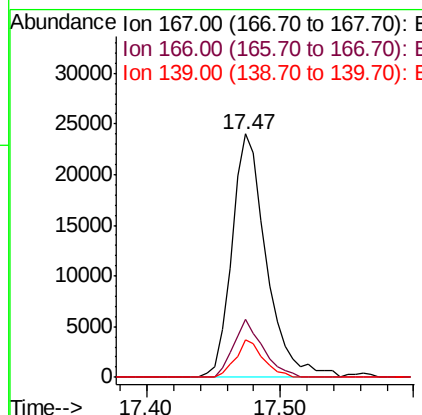
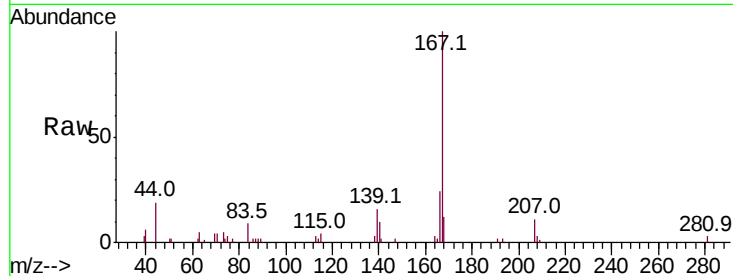
#73
 Carbazole
 Concen: 0.703 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	17.1	25.7
139	15.6	10.1	15.1#

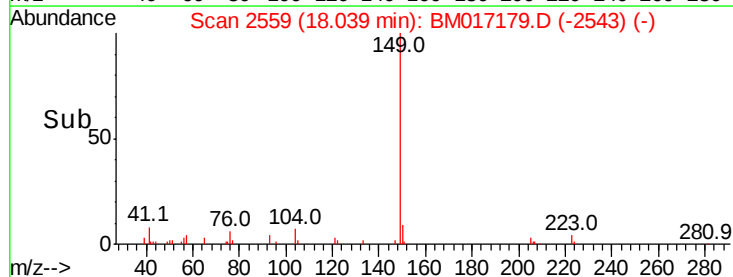
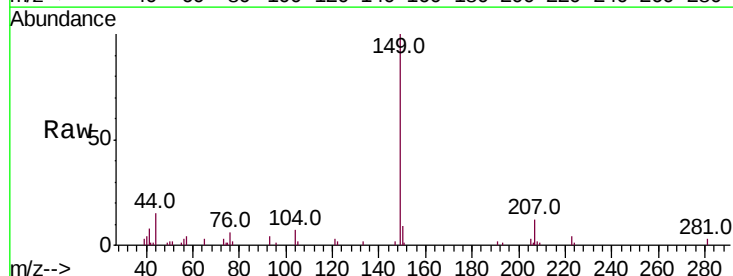
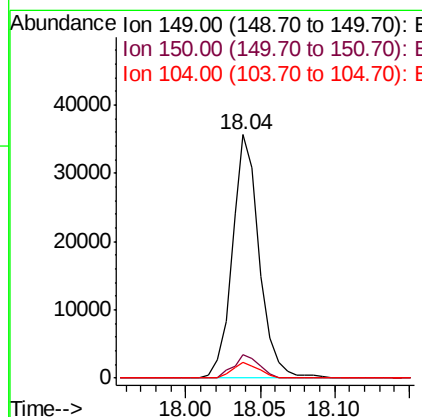
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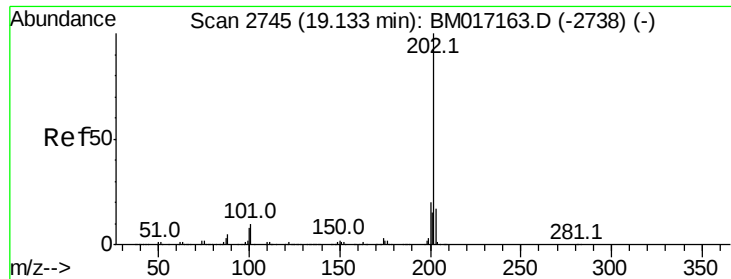
Sohil
 10/18/2018 5:33:33 PM



#74
 Di-n-butylphthalate
 Concen: 0.697 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	6.6	4.3	6.5#





#75

Fluoranthene

Concen: 0.924 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

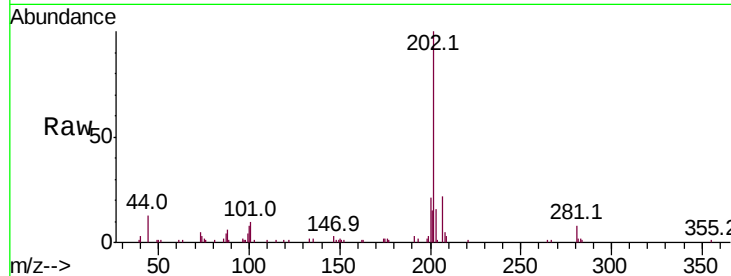
ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	30.0
203	15.7	0.0	37.2

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10/18/2018 5:33:33 PM

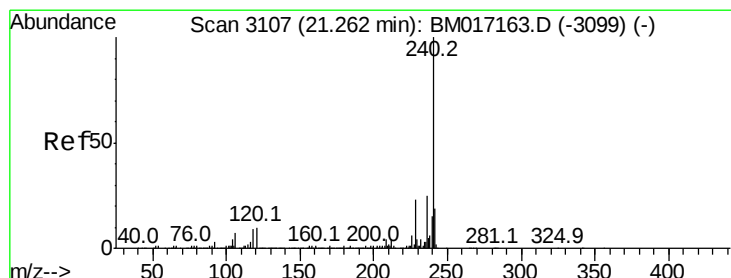
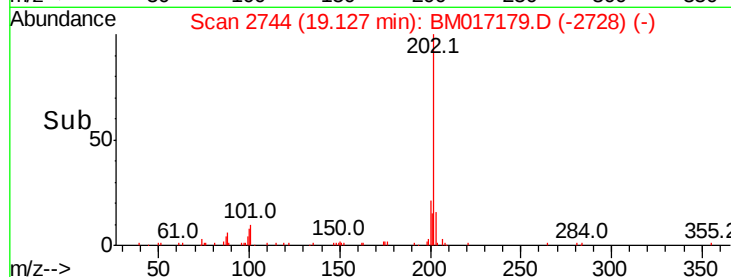
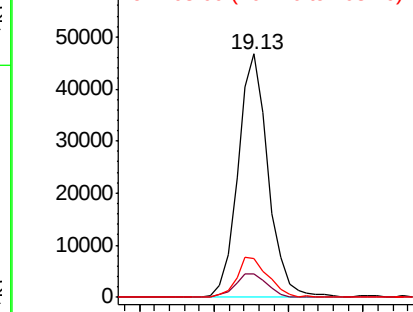


Abundance

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: BM017179.D

Acq: 18 Oct 2018 05:34

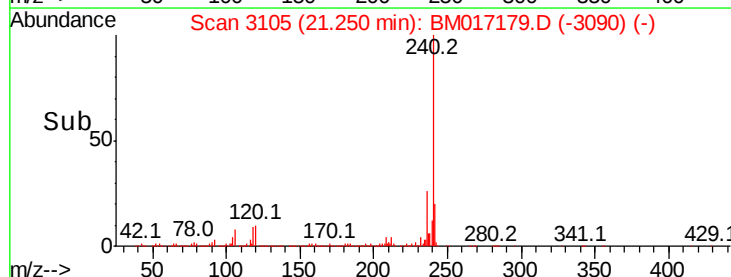
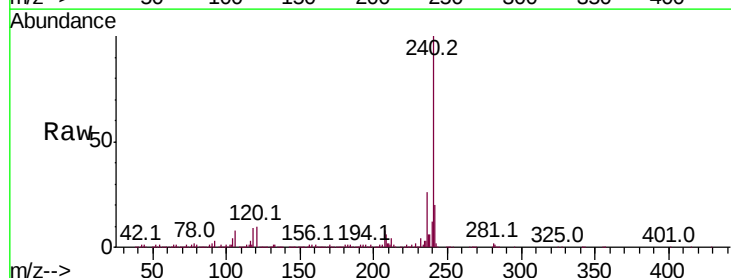
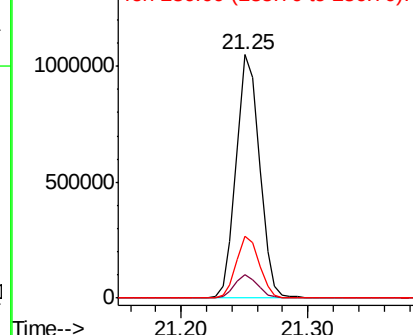
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.7	8.1	12.1
236	25.5	19.9	29.9

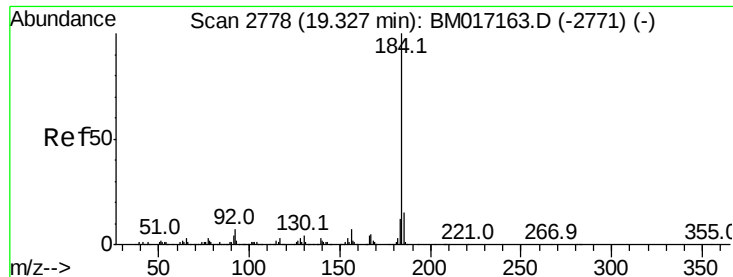
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.351 ng

RT: 19.33 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

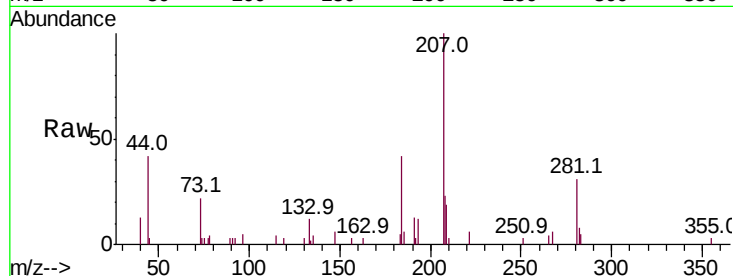
ClientSampleId :

MDL-WATER-03-QT4-2018

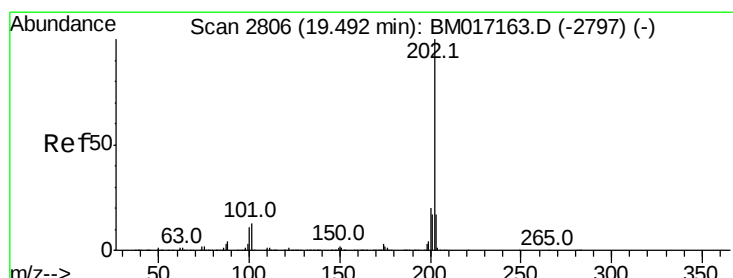
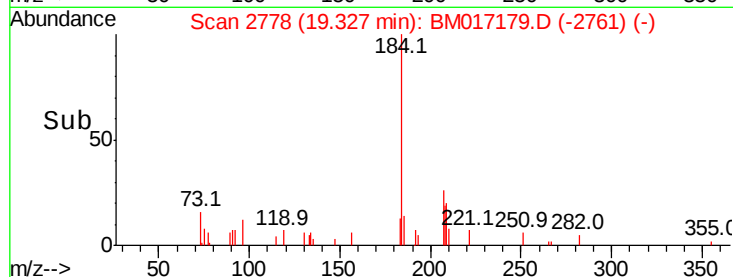
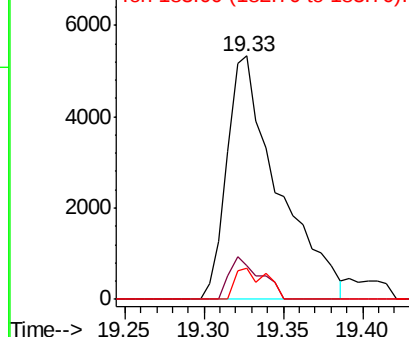
Tot Ion:	184	Resp:	11959
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.8	17.8
183	12.9	9.7	14.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.910 ng

RT: 19.49 min Scan# 2806

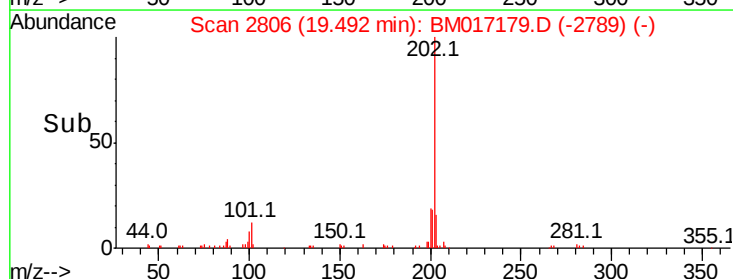
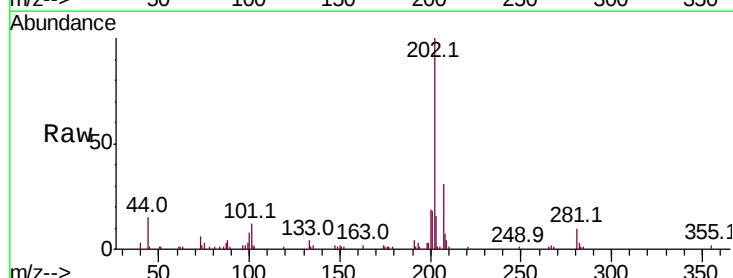
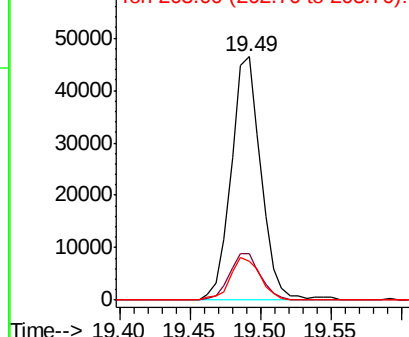
Delta R.T. -0.00 min

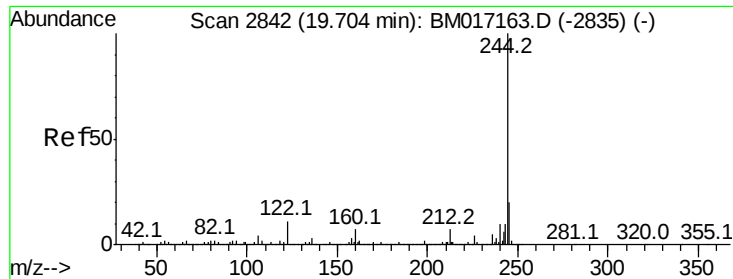
Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

Tgt Ion:	202	Resp:	68308
Ion Ratio	Lower	Upper	
202	100		
200	19.2	16.3	24.5
203	16.0	13.9	20.9

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





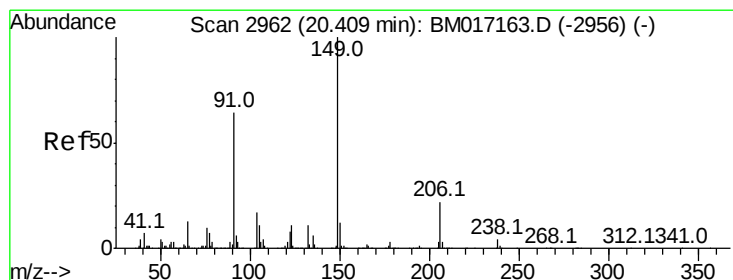
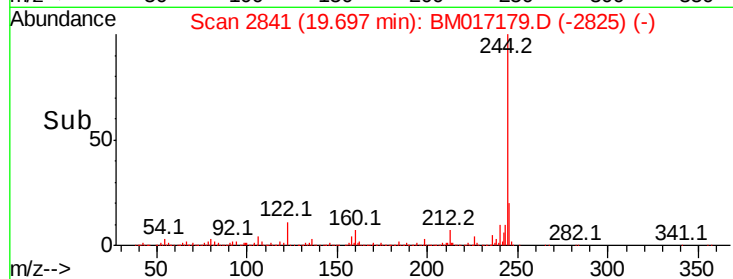
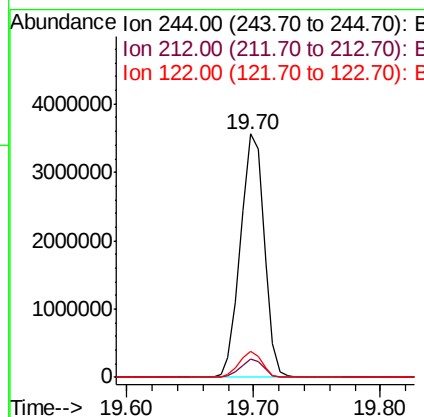
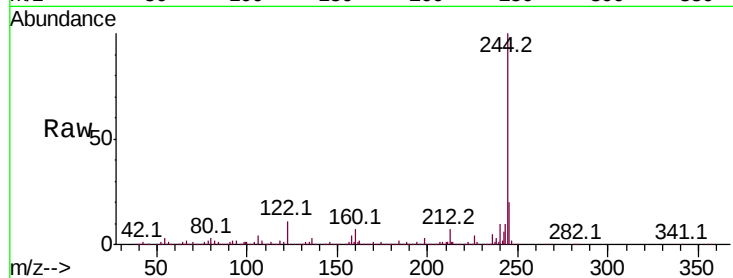
#79
 Terphenyl-d14
 Concen: 77.413 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

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

Tot Ion:244 Resp: 4610556
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 10.6 8.4 12.6

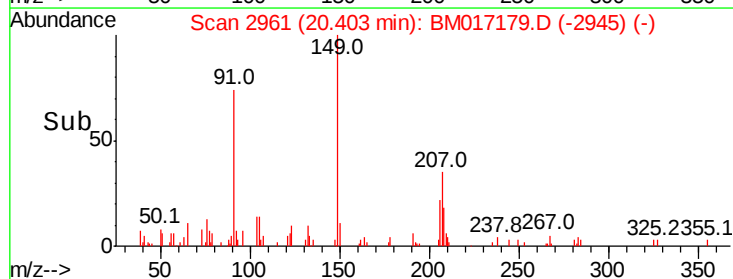
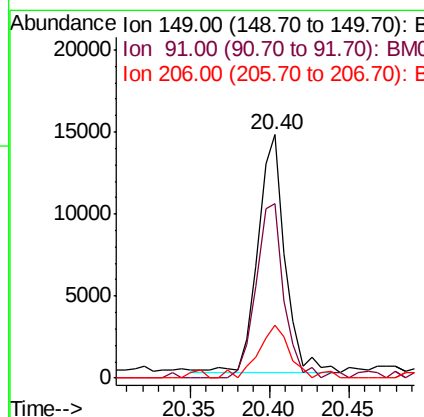
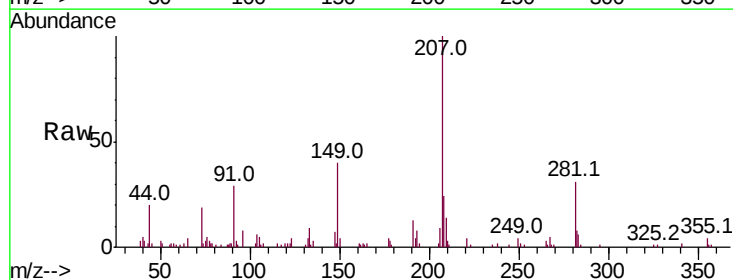
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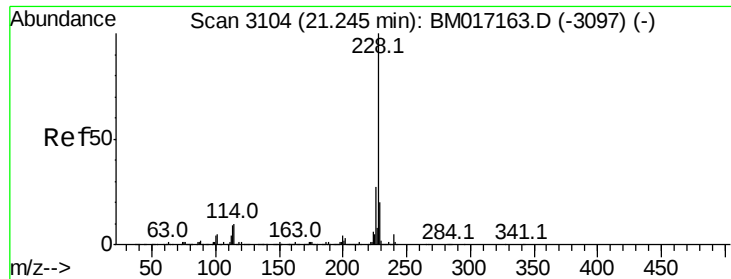
Sohil
 10/18/2018 5:33:33 PM



#80
 Butylbenzylphthalate
 Concen: 7.693 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM017179.D
 Acq: 18 Oct 2018 05:34

Tgt Ion:149 Resp: 17349
 Ion Ratio Lower Upper
 149 100
 91 71.8 51.3 76.9
 206 21.7 18.0 27.0





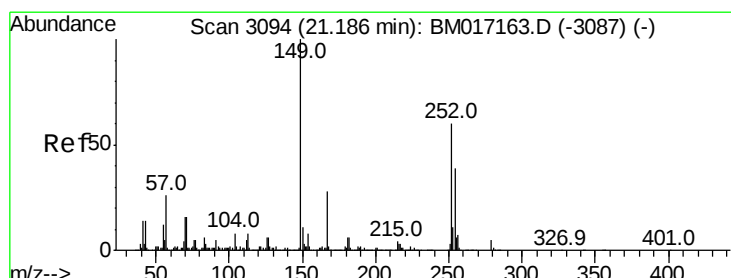
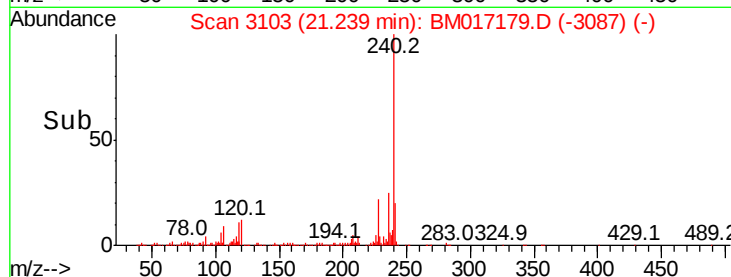
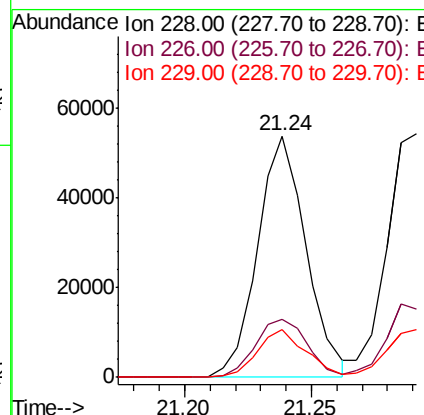
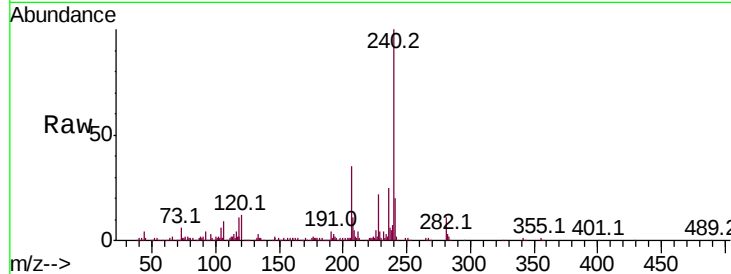
#81
Benzo(a)anthracene
Concen: 0.943 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	24.1	21.4	32.0
229	19.8	15.9	23.9

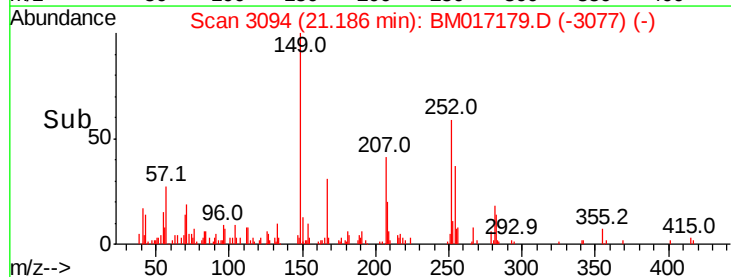
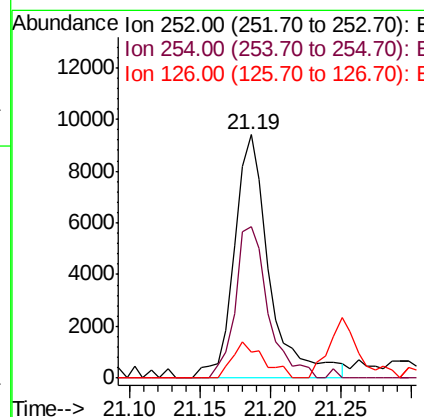
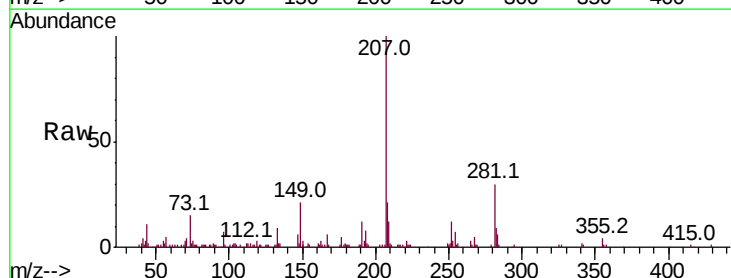
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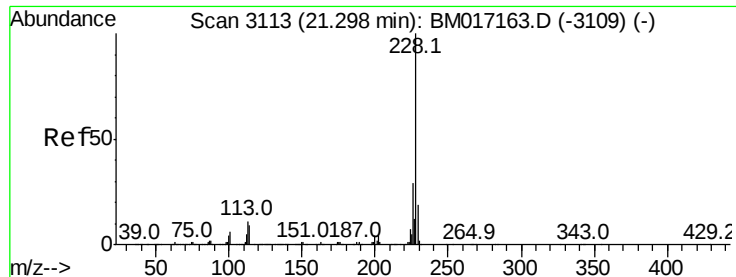
Sohil
10/18/2018 5:33:33 PM



#82
3,3'-Dichlorobenzidine
Concen: 0.582 ng
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.0	52.1	78.1
126	10.7	8.6	12.8





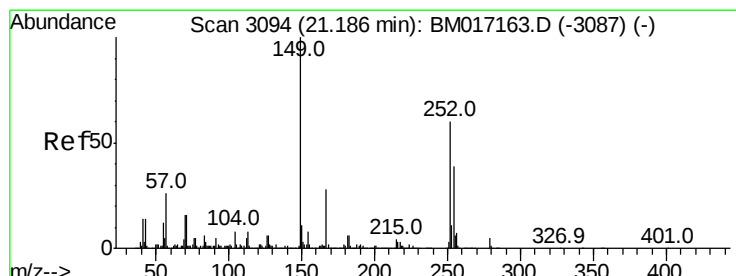
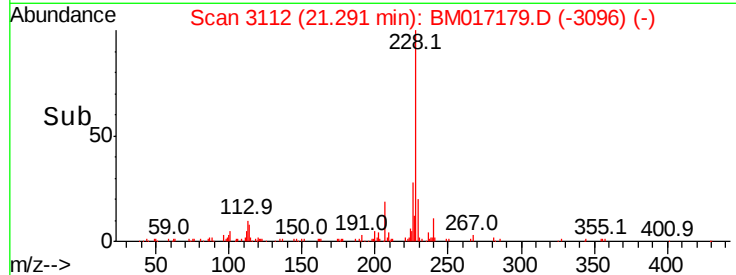
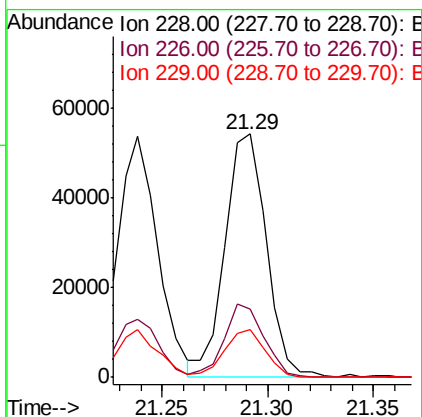
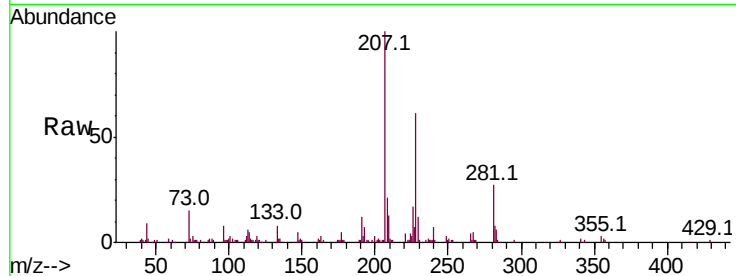
#83
Chrysene
Concen: 0.985 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.3	34.9
229	19.5	15.6	23.4

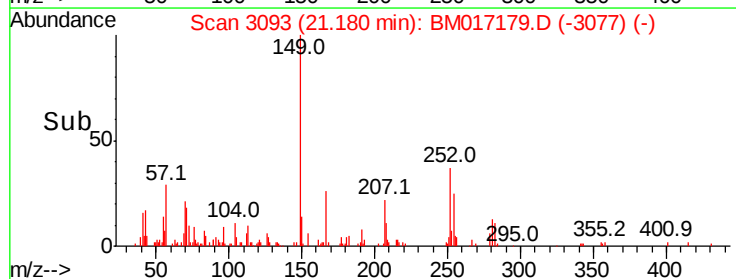
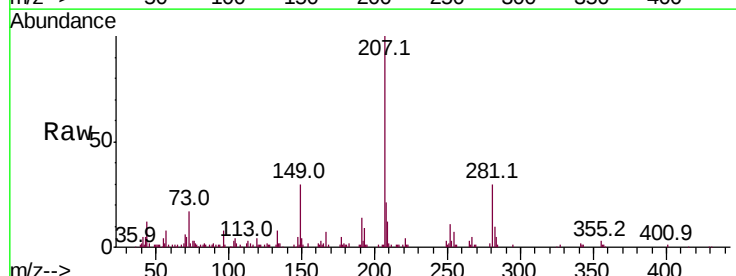
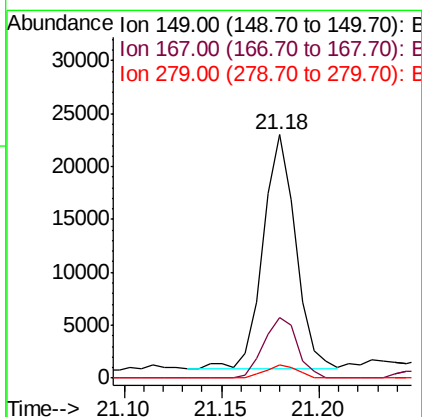
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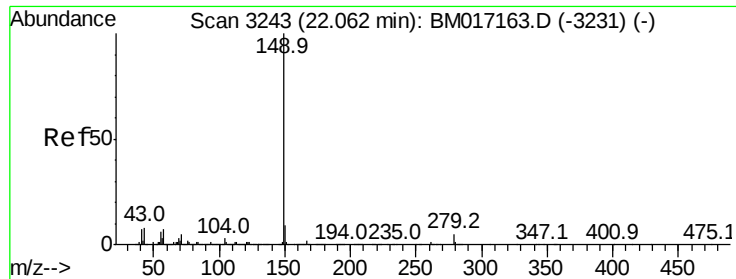
Sohil
10/18/2018 5:33:33 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.830 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	22.2	33.4
279	5.3	3.6	5.4





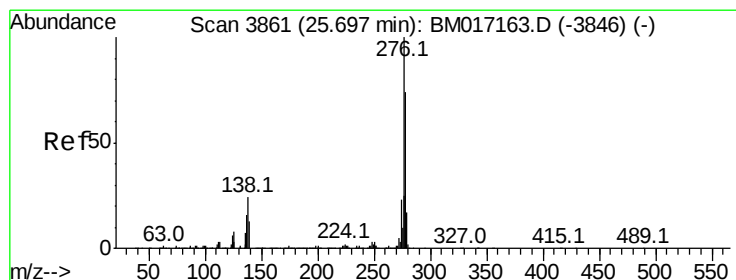
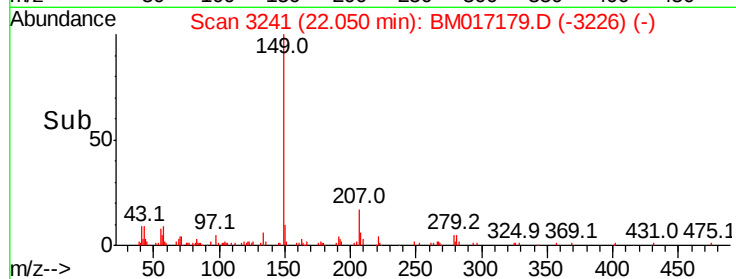
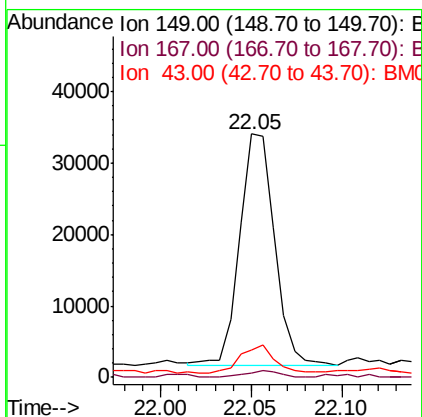
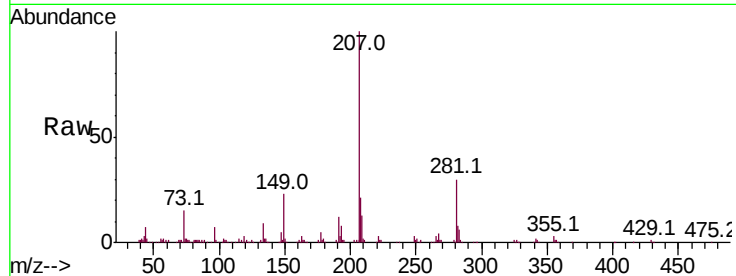
#85
Di-n-octyl phthalate
Concen: 6.086 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	3.0	1.4	2.0#
43	12.1	7.2	10.8#

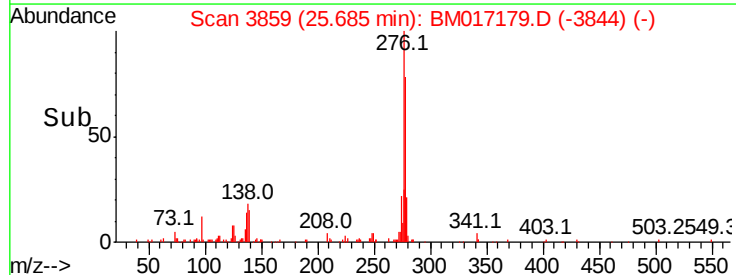
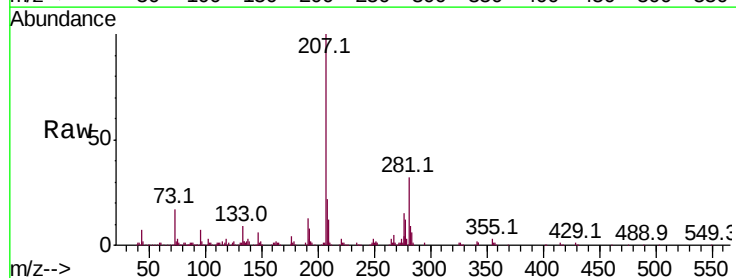
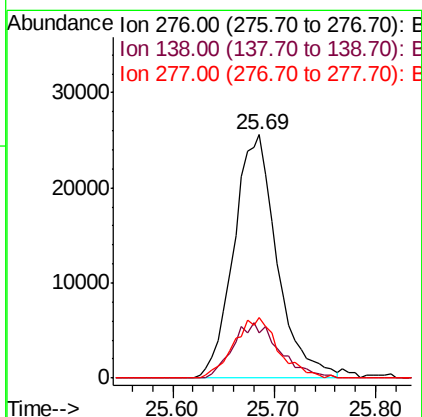
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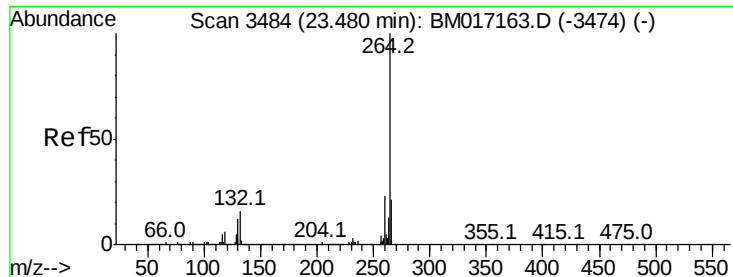
Sohil
10/18/2018 5:33:33 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.905 ng
RT: 25.69 min Scan# 3859
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	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: BM017179.D

Acq: 18 Oct 2018 05:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:264 Resp: 1350063

Ion Ratio Lower Upper

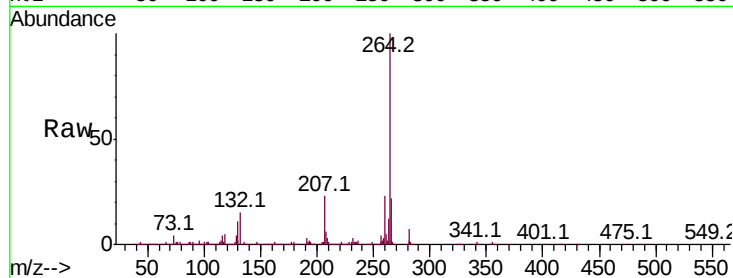
264 100

260 22.7 18.6 27.8

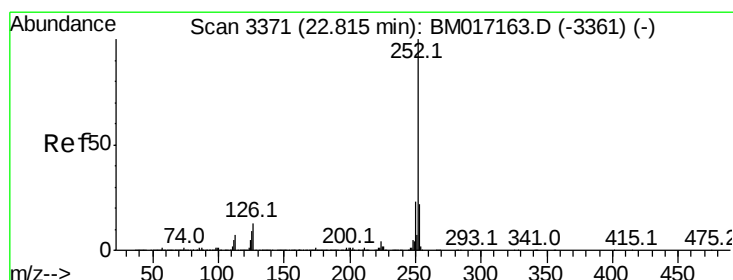
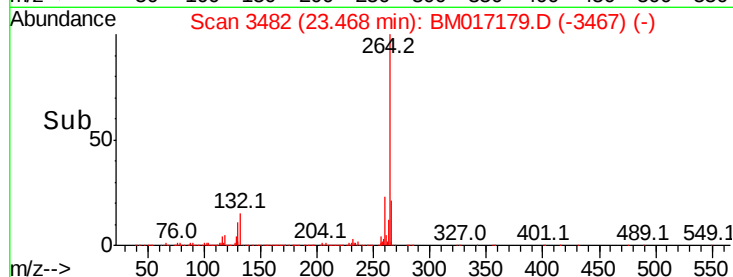
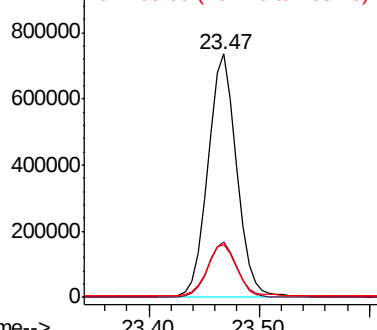
265 21.7 17.8 26.8

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Abundance Ion 264.00 (263.70 to 264.70): E
1000000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.944 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017179.D

Acq: 18 Oct 2018 05:34

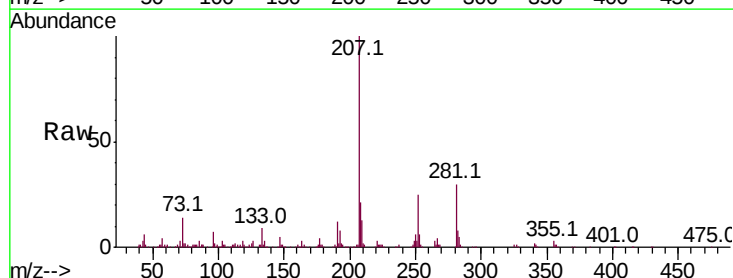
Tgt Ion:252 Resp: 69680

Ion Ratio Lower Upper

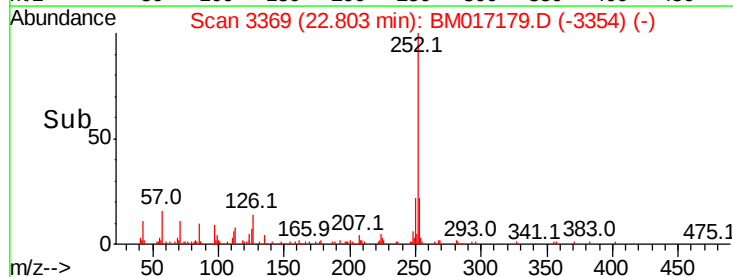
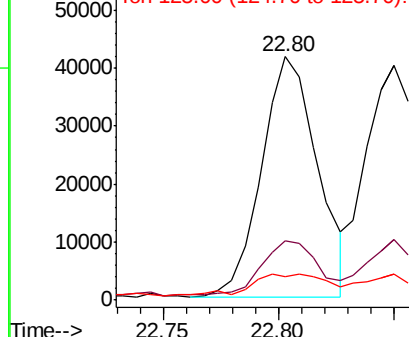
252 100

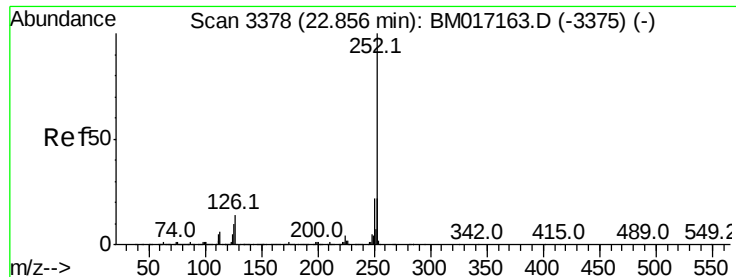
253 24.2 17.4 26.2

125 9.7 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E
50000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





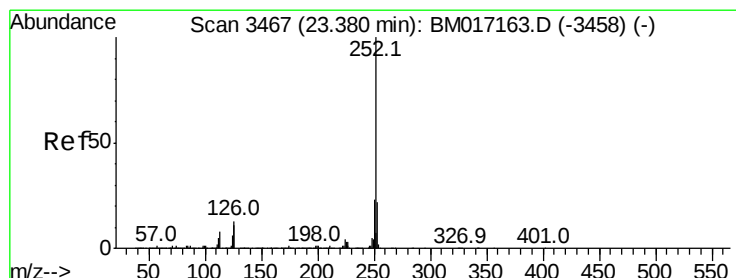
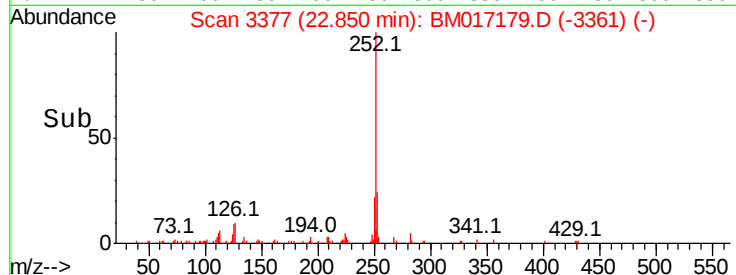
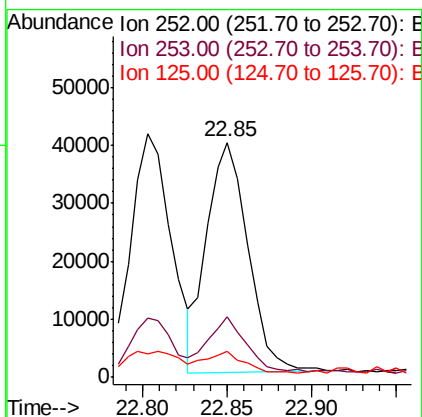
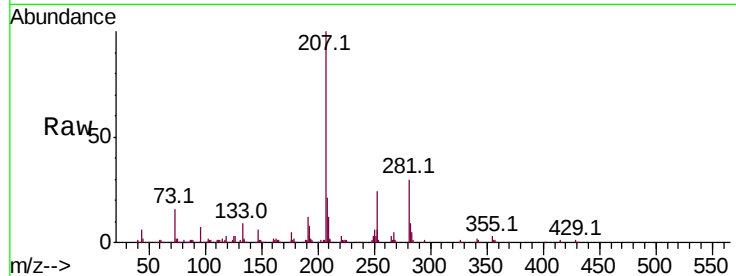
#89
Benzo(k)fluoranthene
Concen: 0.908 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	10.8	8.2	12.2

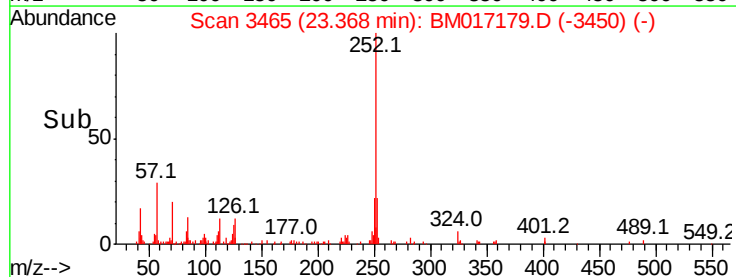
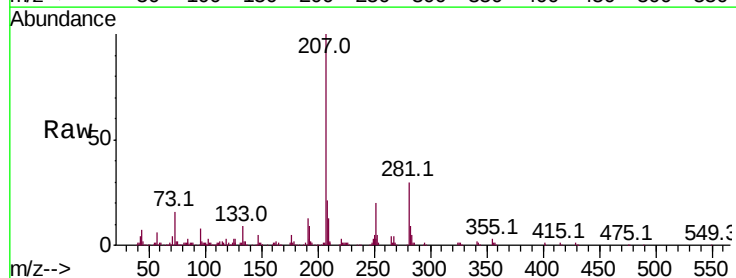
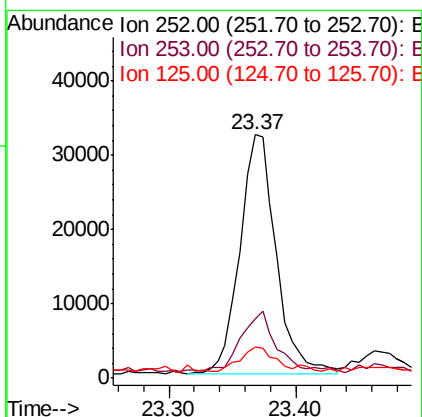
Manual Integrations
APPROVED

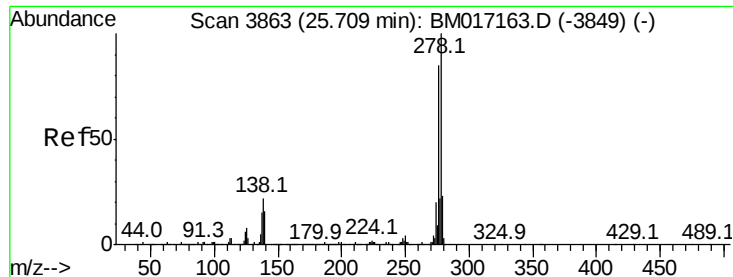
Sohil
10/18/2018 5:33:33 PM



#90
Benzo(a)pyrene
Concen: 0.911 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.0
125	12.8	8.6	13.0





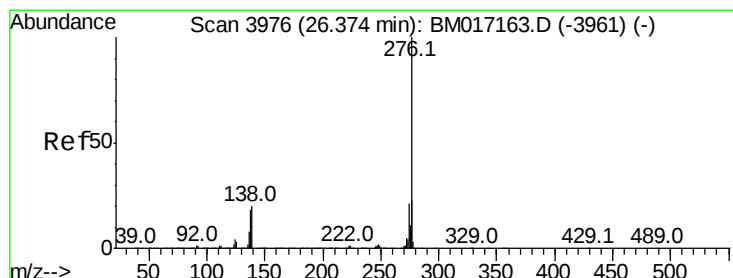
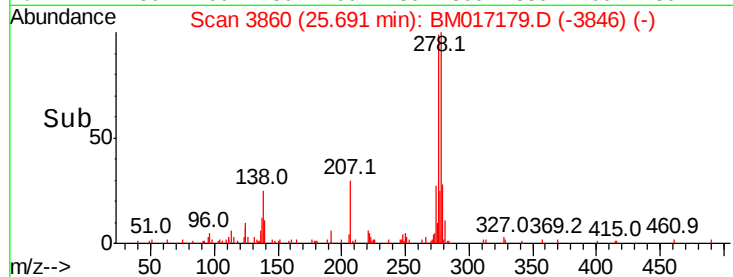
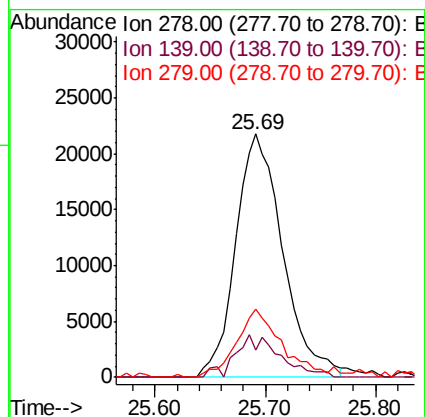
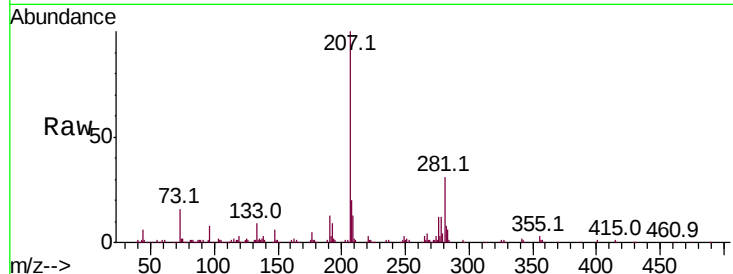
#91
Dibenzo(a,h)anthracene
Concen: 0.938 ng
RT: 25.69 min Scan# 3860
Delta R.T. -0.02 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.5	12.7	19.1#
279	28.3	18.7	28.1#

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 0.987 ng
RT: 26.36 min Scan# 3973
Delta R.T. -0.02 min
Lab File: BM017179.D
Acq: 18 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.6	28.0
138	19.4	16.4	24.6

