

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017187.D
 Acq On : 18 Oct 2018 11:33
 Operator : MJ/SJ
 Sample : J5164-08
 Misc : L00 20 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Manual Integrations
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Sohil
 10/18/2018 5:33:44 PM

Quant Time: Oct 18 14:54:43 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	187559	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	765690	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	439497	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1038274	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1264182	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1309350	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1614823	145.62	ng	0.00
7) Phenol-d6	6.85	99	2100954	139.11	ng	0.00
23) Nitrobenzene-d5	8.82	82	1173649	89.65	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	884541	148.82	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2779088	84.13	ng	0.00
79) Terphenyl-d14	19.70	244	4470934	79.72	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	92002	16.247	ng	# 88
3) Pyridine	3.65	79	249423	19.143	ng	# 88
4) n-Nitrosodimethylamine	3.56	42	113213	21.644	ng	# 67
6) Aniline	7.01	93	300372	15.900	ng	95
8) 2-Chlorophenol	7.24	128	256037	19.957	ng	97
9) Benzaldehyde	6.83	77	170020	17.655	ng	98
10) Phenol	6.88	94	315006	19.379	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	234690	18.112	ng	100
12) 1,3-Dichlorobenzene	7.56	146	285410	19.084	ng	96
13) 1,4-Dichlorobenzene	7.70	146	289894	18.973	ng	99
14) 1,2-Dichlorobenzene	8.02	146	278534	18.920	ng	98
15) Benzyl Alcohol	7.91	79	216247	19.588	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.20	45	318384	17.587	ng	100
17) 2-Methylphenol	8.11	107	207894	19.926	ng	96
18) Hexachloroethane	8.73	117	101809	19.470	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	184355	18.538	ng	97
20) 3+4-Methylphenols	8.44	107	278650	19.527	ng	97
22) Acetophenone	8.49	105	366835	18.900	ng	# 96
24) Nitrobenzene	8.86	77	285250	20.598	ng	95
25) Isophorone	9.39	82	473553	21.905	ng	98
26) 2-Nitrophenol	9.57	139	114606	21.285	ng	# 90
27) 2,4-Dimethylphenol	9.63	122	224729	23.509	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	309020	20.309	ng	99
29) 2,4-Dichlorophenol	10.10	162	228835	20.618	ng	97
30) 1,2,4-Trichlorobenzene	10.31	180	258693	19.429	ng	100
31) Naphthalene	10.50	128	778821	20.756	ng	100
32) Benzoic acid	9.73	122	134150m	18.808	ng	
33) 4-Chloroaniline	10.62	127	198375	12.241	ng	96
34) Hexachlorobutadiene	10.77	225	157147	18.627	ng	98
35) Caprolactam	11.39	113	64094	15.846	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	255860	20.451	ng	98
37) 2-Methylnaphthalene	12.12	142	572547	22.298	ng	98
38) 1-Methylnaphthalene	12.33	142	540860	21.642	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	290782	18.787	ng	99

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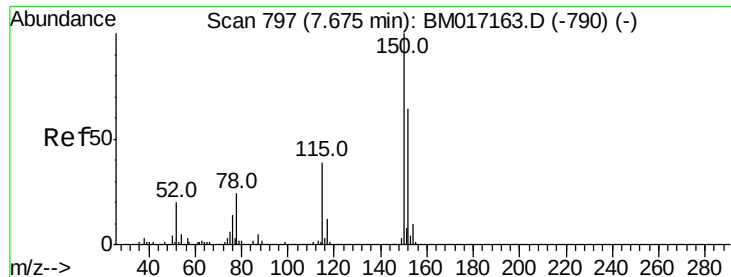
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	191579	25.604	ng	97
43) 2,4,6-Trichlorophenol	12.73	196	185159	20.608	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	200230	20.782	ng	98
46) 1,1'-Biphenyl	13.14	154	727085	18.384	ng	98
47) 2-Chloronaphthalene	13.18	162	560637	19.269	ng	97
48) 2-Nitroaniline	13.39	65	148927	21.658	ng	98
49) Acenaphthylene	14.03	152	900520	21.352	ng	100
50) Dimethylphthalate	13.77	163	713203	21.034	ng	99
51) 2,6-Dinitrotoluene	13.89	165	148158	19.853	ng	90
52) Acenaphthene	14.37	154	536486	20.260	ng	98
53) 3-Nitroaniline	14.22	138	110678	13.693	ng	94
54) 2,4-Dinitrophenol	14.43	184	75649	23.728	ng	98
55) Dibenzofuran	14.71	168	866434	19.676	ng	97
56) 4-Nitrophenol	14.53	139	128018	21.071	ng	90
57) 2,4-Dinitrotoluene	14.69	165	201389	20.078	ng	95
58) Fluorene	15.36	166	704178	21.604	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	188443	21.457	ng	97
60) Diethylphthalate	15.15	149	702955	20.905	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	360990	19.427	ng	98
62) 4-Nitroaniline	15.39	138	157729	20.509	ng	88
63) Azobenzene	15.66	77	658384	20.144	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	114108	21.620	ng	94
66) n-Nitrosodiphenylamine	15.58	169	613202	19.521	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	222982	19.559	ng	94
68) Hexachlorobenzene	16.36	284	251403	18.984	ng	95
69) Atrazine	16.54	200	225715	20.076	ng	97
70) Pentachlorophenol	16.71	266	136934	15.095	ng	97
71) Phenanthrene	17.10	178	1164019	20.779	ng	99
72) Anthracene	17.19	178	1164735	21.882	ng	100
73) Carbazole	17.47	167	1050993	19.330	ng	100
74) Di-n-butylphthalate	18.04	149	1161528	20.254	ng	99
75) Fluoranthene	19.12	202	1393319	22.104	ng	100
77) Benzidine	19.32	184	377160	11.766	ng	96
78) Pyrene	19.49	202	1439423	20.372	ng	100
80) Butylbenzylphthalate	20.40	149	525407	23.796	ng	91
81) Benzo(a)anthracene	21.24	228	1523367	21.413	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	356058	13.429	ng	98
83) Chrysene	21.29	228	1466773	20.830	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	789135	22.370	ng	99
85) Di-n-octyl phthalate	22.05	149	1368039	22.923	ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	1732584	21.999	ng	98
88) Benzo(b)fluoranthene	22.80	252	1570267	21.935	ng	100
89) Benzo(k)fluoranthene	22.85	252	1484901	20.672	ng	98
90) Benzo(a)pyrene	23.37	252	1473231	21.675	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	1465615	21.716	ng	98
92) Benzo(g,h,i)perylene	26.35	276	1443556	21.580	ng	98

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



#1

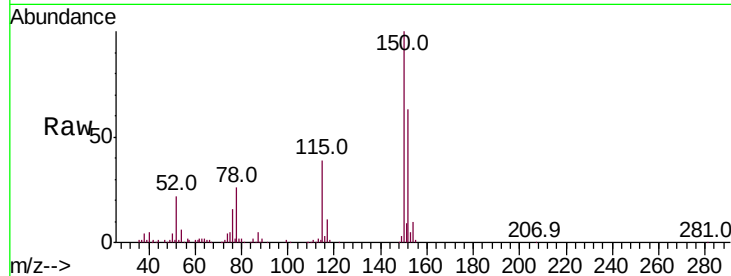
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.3	186.5
115	62.2	48.1	72.1

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Abundance

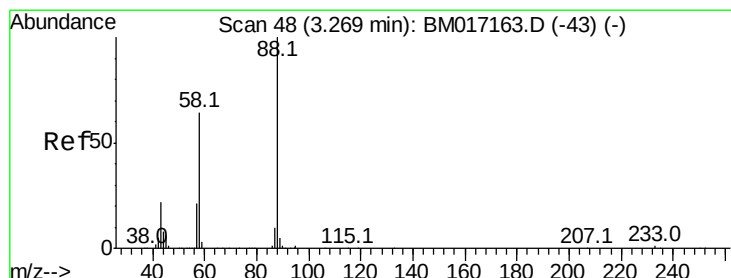
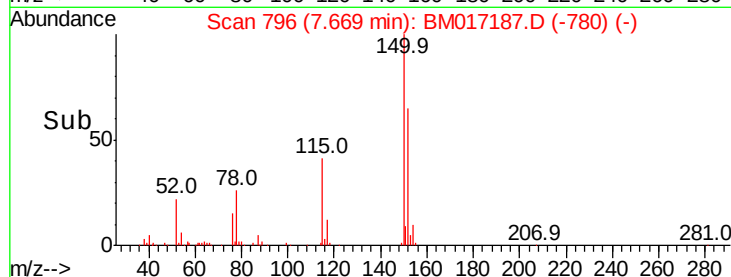
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.67

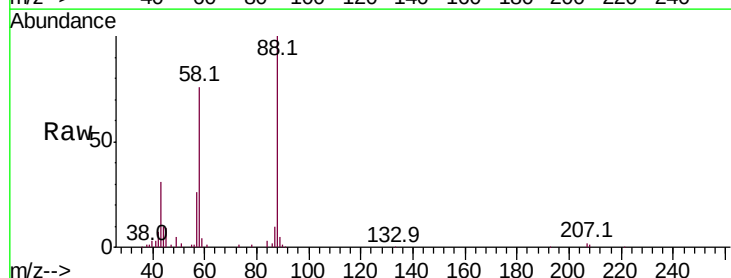
Time-->



#2

1,4-Dioxane
Concen: 16.247 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	50.2	75.4
43	29.4	19.3	28.9



Abundance

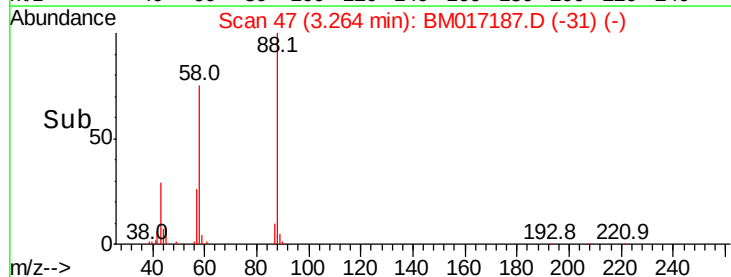
Ion 88.00 (87.70 to 88.70): BM0

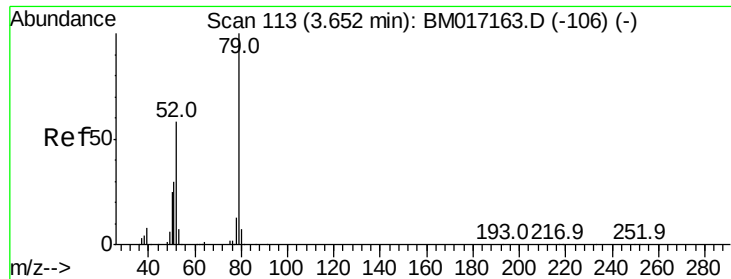
Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

3.26

Time-->





#3

Pvridine

Concen: 19.143 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

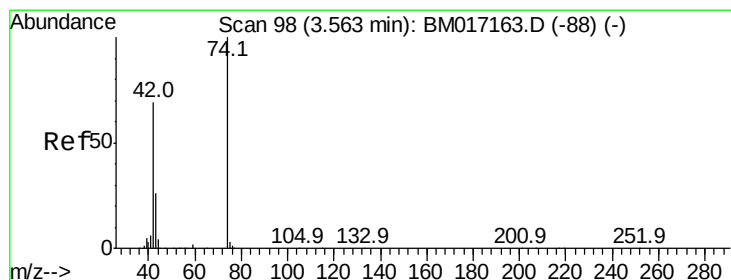
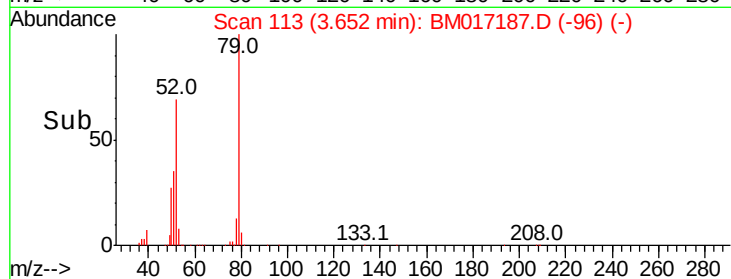
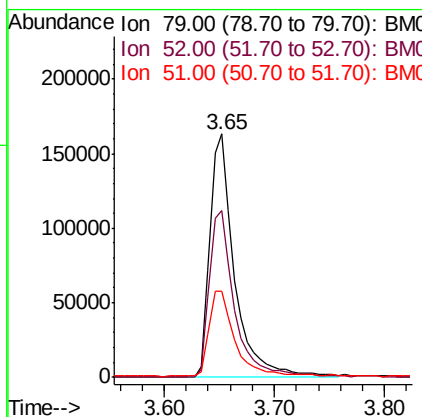
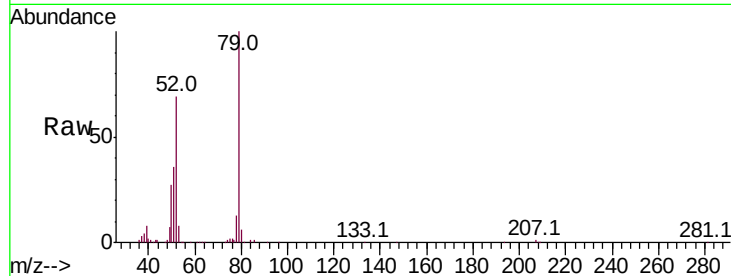
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:	79	Resp:	249423
Ion Ratio	Lower	Upper	
79	100		
52	68.7	46.5	69.7
51	35.5	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 21.644 ng

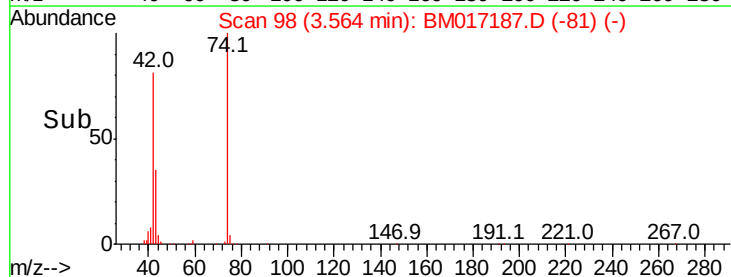
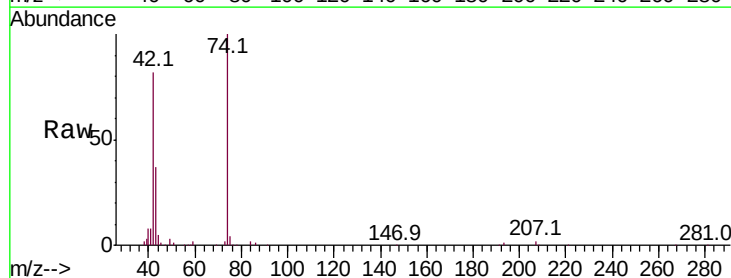
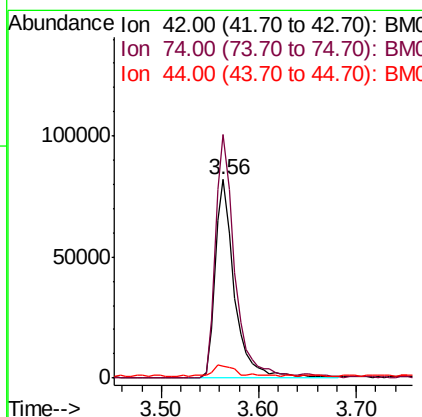
RT: 3.56 min Scan# 98

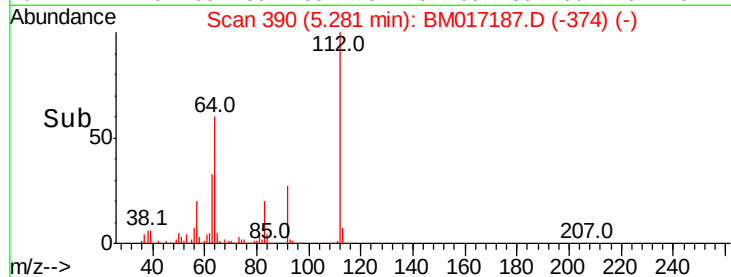
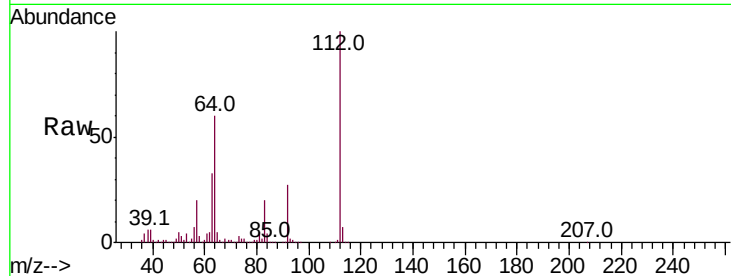
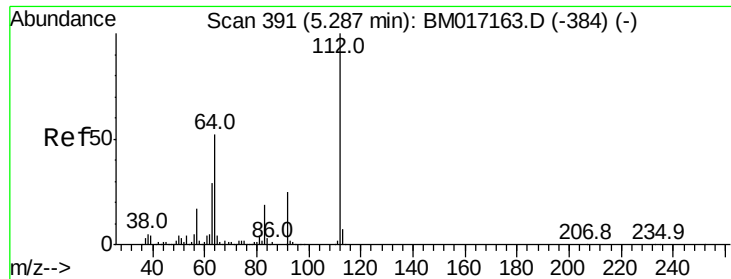
Delta R.T. 0.00 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tgt Ion:	42	Resp:	113213
Ion Ratio	Lower	Upper	
42	100		
74	122.7	114.4	171.6
44	6.3	48.6	73.0#





#5

2-Fluorophenol

Concen: 145.619 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tot Ion:	112	Resp:	1614823
Ion	Ratio	Lower	Upper
112	100		
64	59.6	41.7	62.5
63	32.9	23.0	34.4

Instrument :

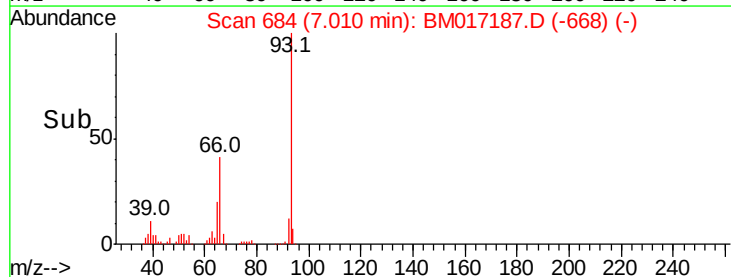
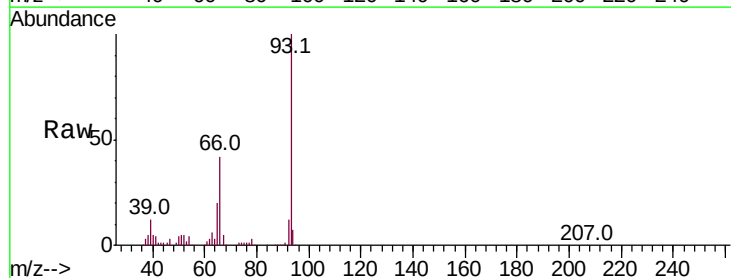
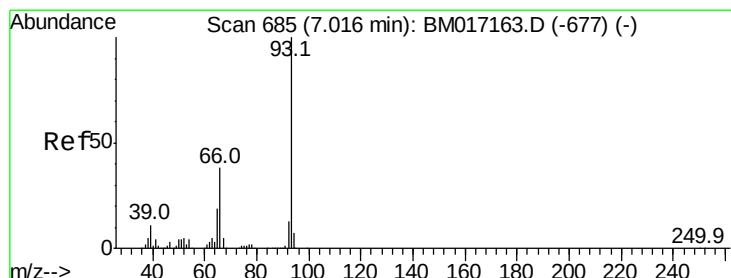
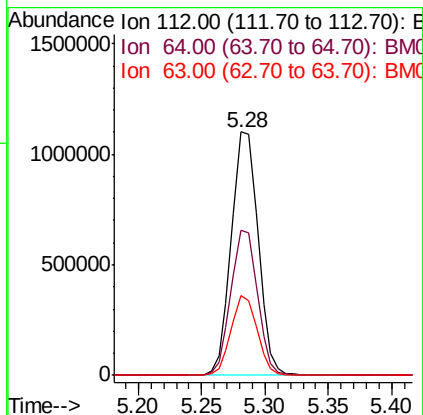
BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2018

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#6

Aniline

Concen: 15.900 ng

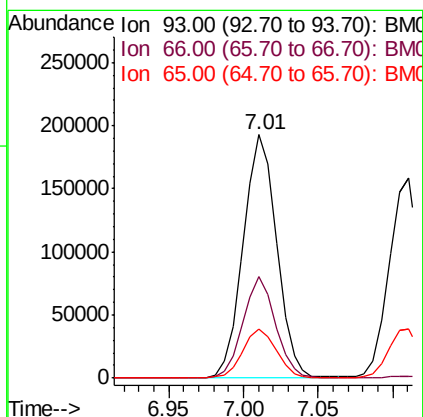
RT: 7.01 min Scan# 684

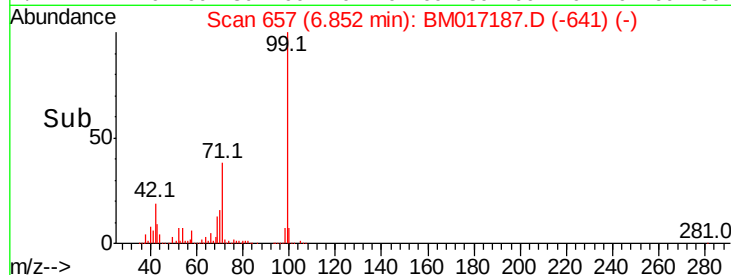
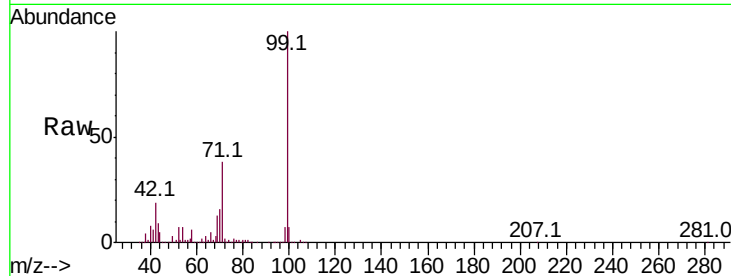
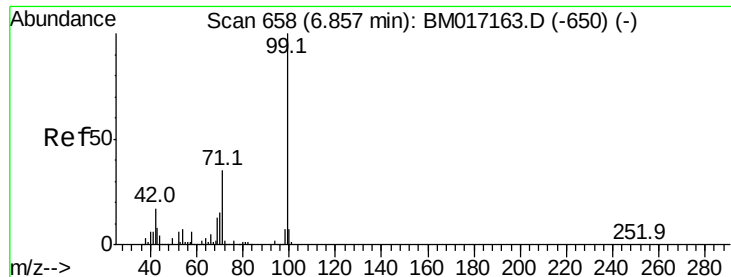
Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tgt Ion:	93	Resp:	300372
Ion	Ratio	Lower	Upper
93	100		
66	41.7	30.4	45.6
65	20.2	15.3	22.9





#7

Phenol-d6

Concen: 139.107 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tot Ion: 99 Resp: 2100954

Ion Ratio Lower Upper

99 100

42 18.6 13.3 19.9

71 37.9 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

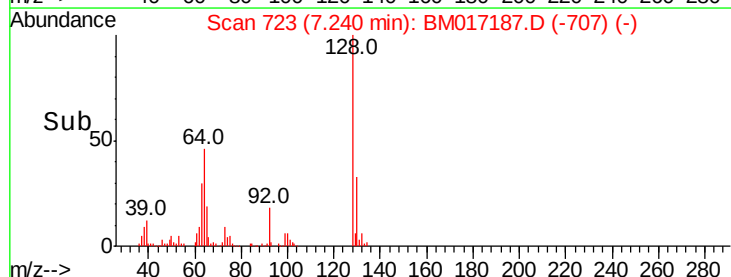
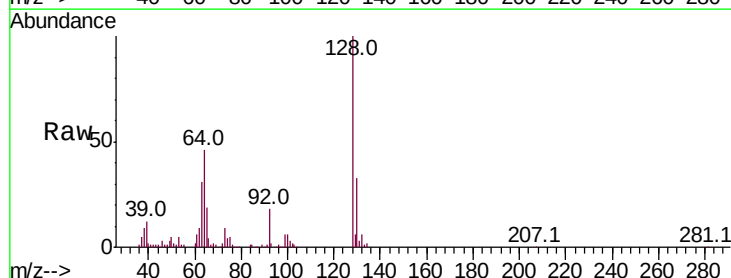
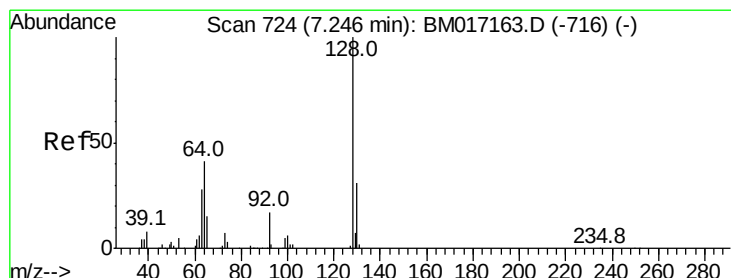
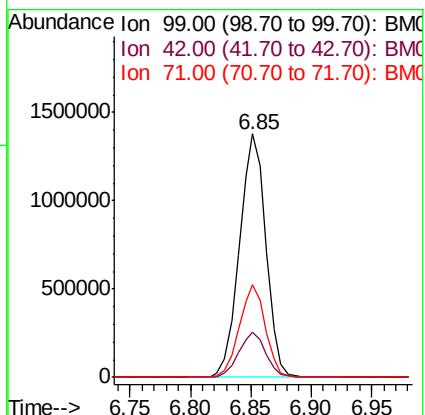
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#8

2-Chlorophenol

Concen: 19.957 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

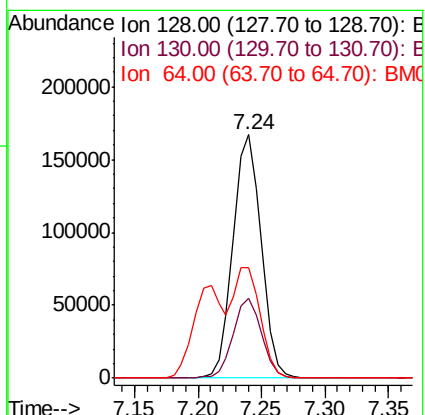
Tgt Ion: 128 Resp: 256037

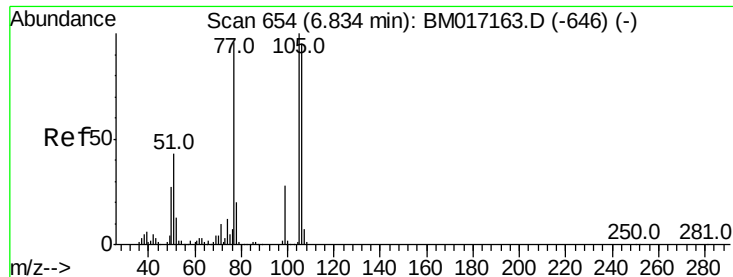
Ion Ratio Lower Upper

128 100

130 32.7 11.0 51.0

64 45.6 24.1 64.1





#9

Benzaldehyde

Concen: 17.655 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

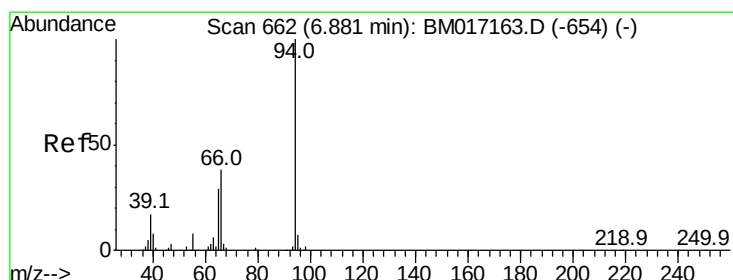
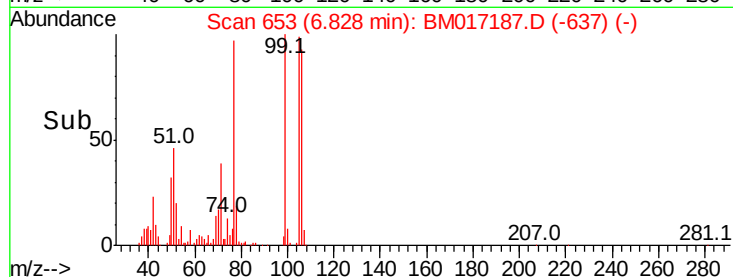
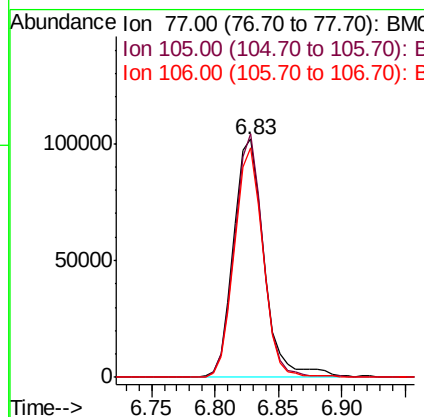
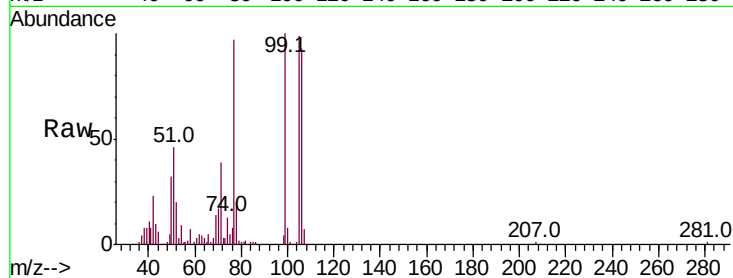
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:	77	Resp:	170020
Ion	Ratio	Lower	Upper
77	100		
105	102.3	83.9	123.9
106	96.5	78.2	118.2

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#10

Phenol

Concen: 19.379 ng

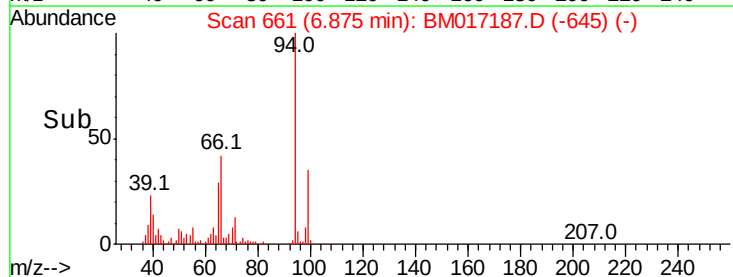
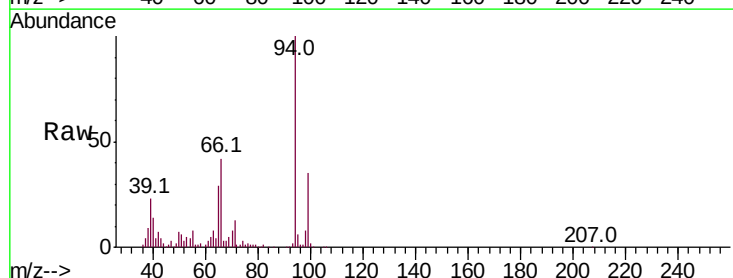
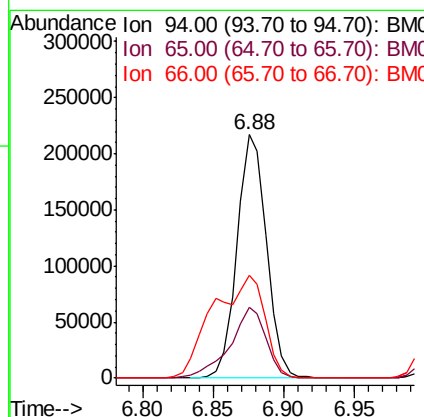
RT: 6.88 min Scan# 661

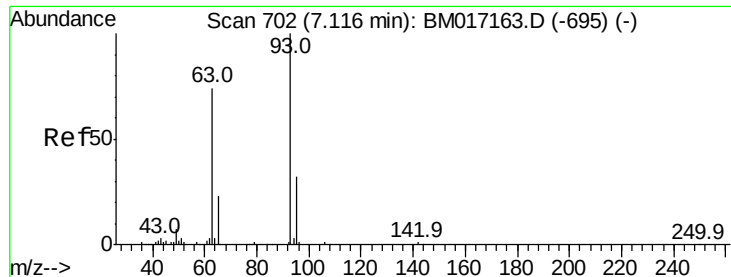
Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tgt Ion:	94	Resp:	315006
Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.4	49.4
66	42.0	19.0	59.0





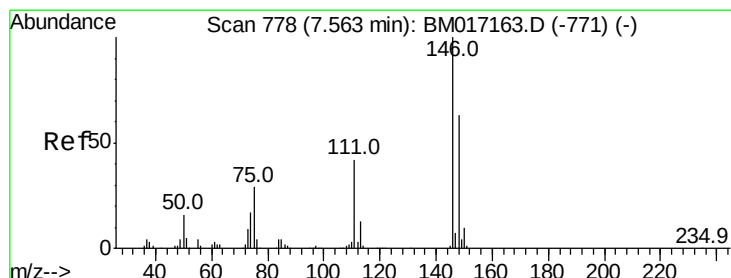
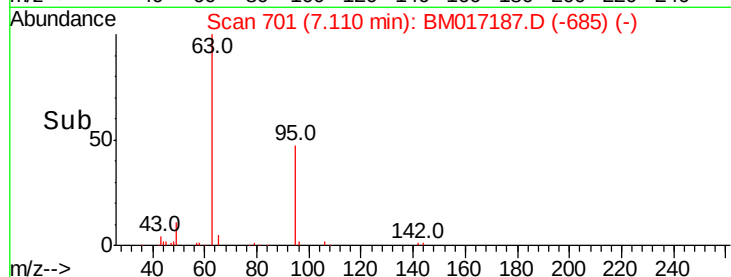
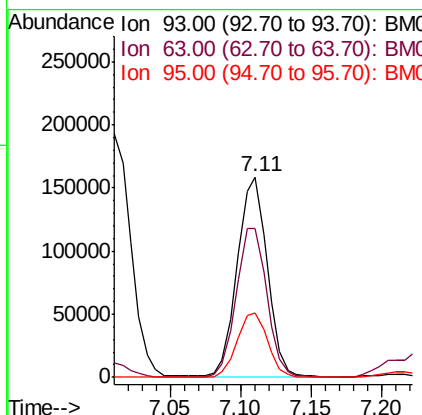
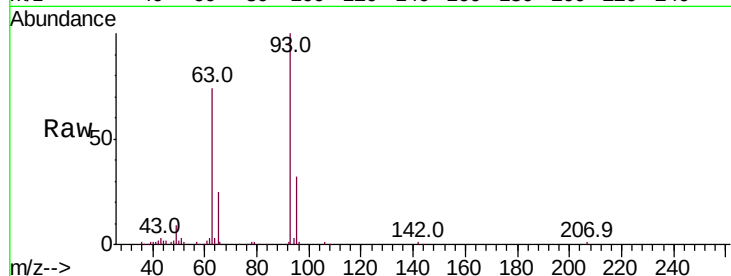
#11
bis(2-Chloroethyl)ether
Concen: 18.112 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.1	54.0	94.0
95	32.1	11.8	51.8

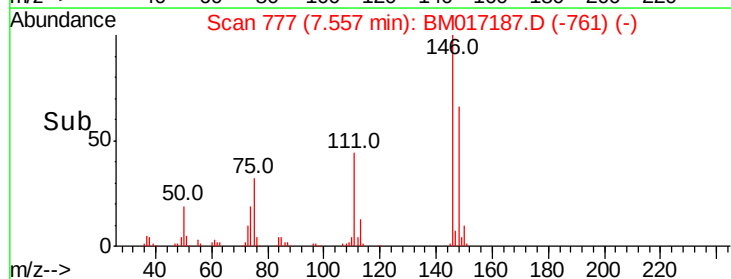
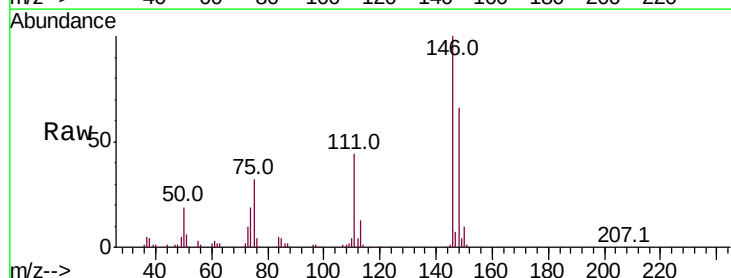
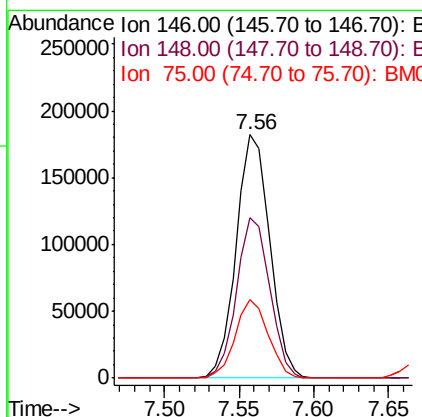
Manual Integrations
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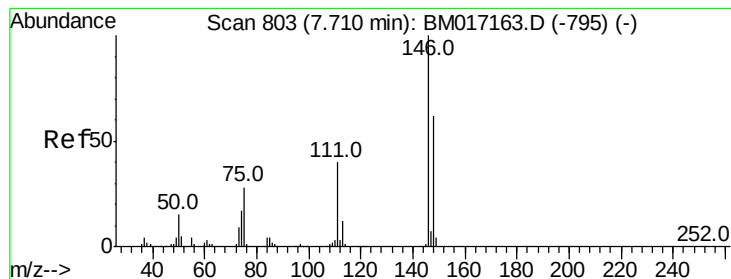
Sohil
10/18/2018 5:33:44 PM



#12
1,3-Dichlorobenzene
Concen: 19.084 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.2	75.4
75	32.3	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 18.973 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

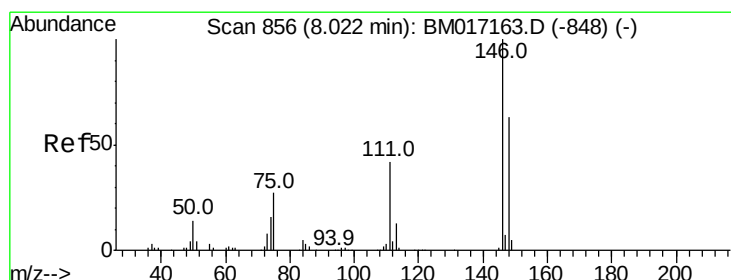
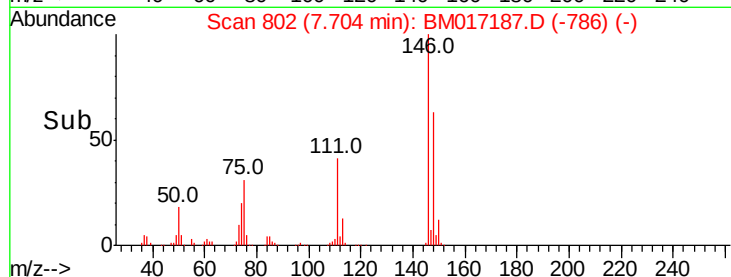
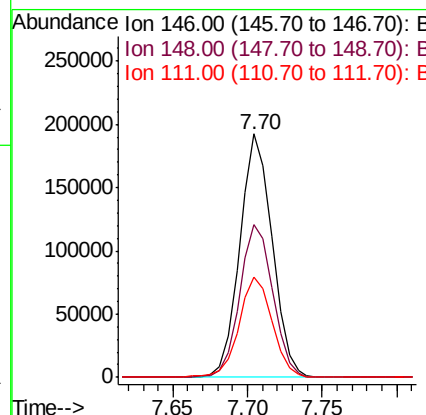
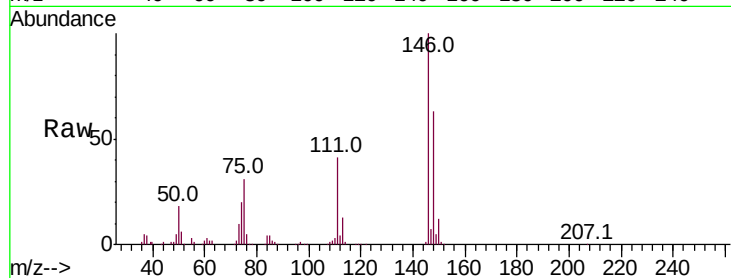
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:	146	Resp:	289894
Ion Ratio	Lower	Upper	
146	100		
148	62.7	49.8	74.6
111	41.1	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 18.920 ng

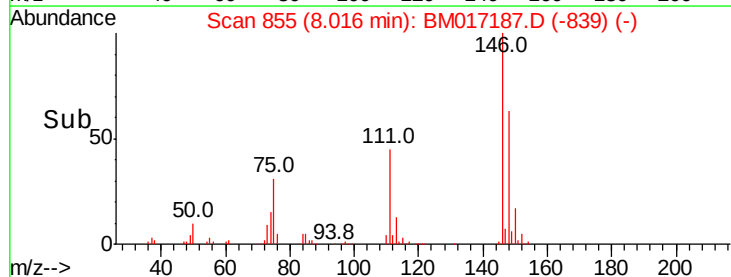
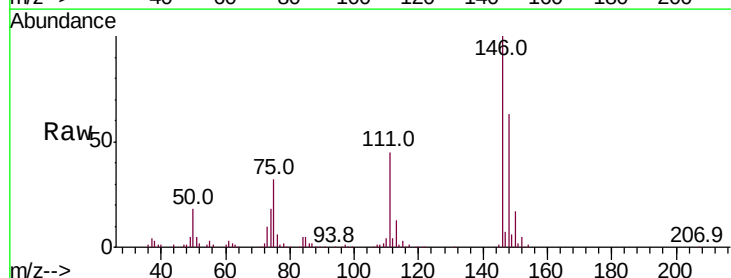
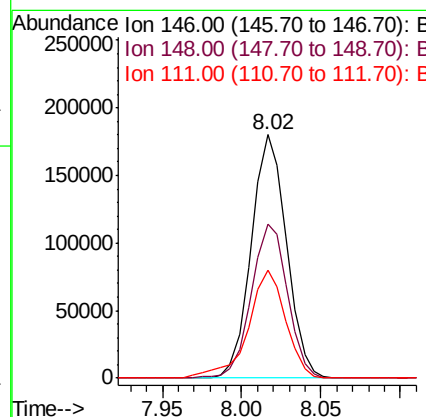
RT: 8.02 min Scan# 855

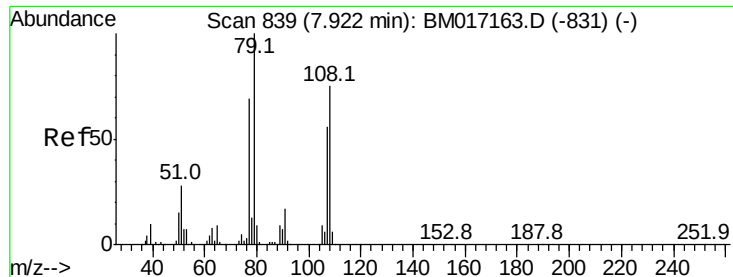
Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tgt Ion:	146	Resp:	278534
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.8	76.2
111	44.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 19.588 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

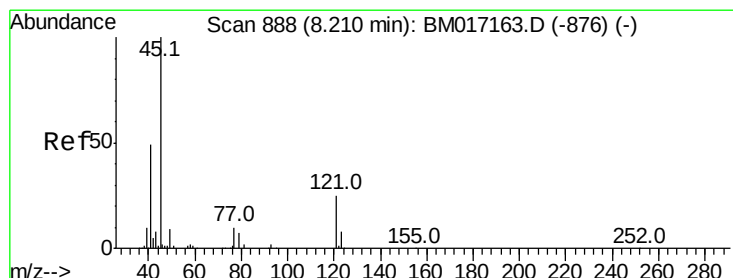
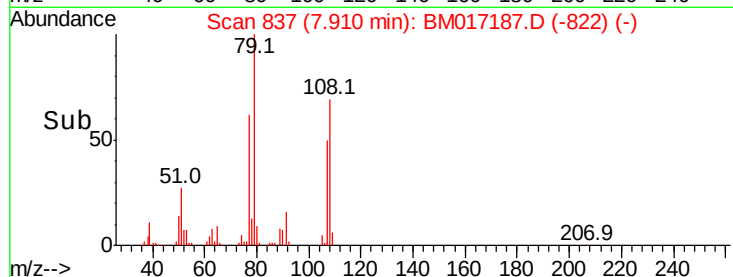
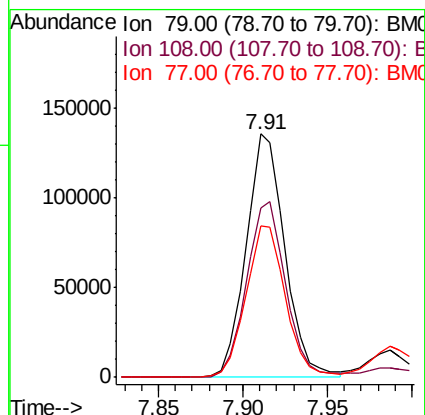
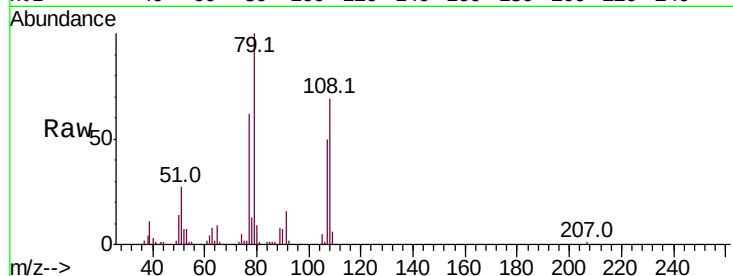
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:	79	Resp:	216247
Ion Ratio	Lower	Upper	
79	100		
108	69.5	60.3	90.5
77	62.1	54.8	82.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.587 ng

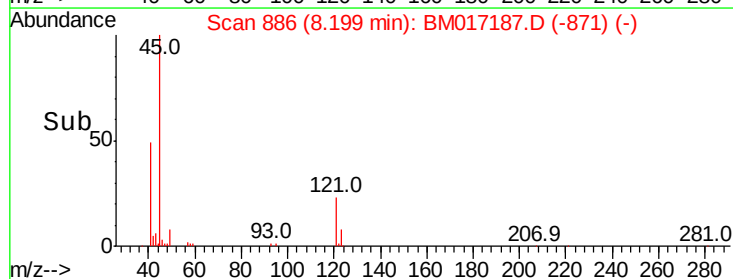
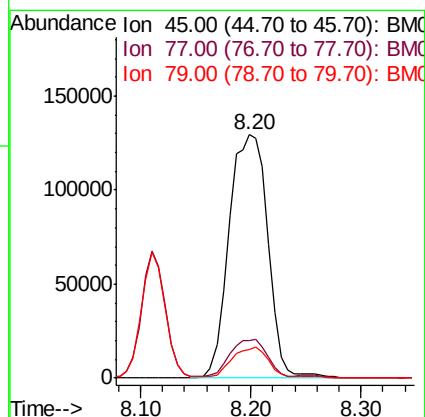
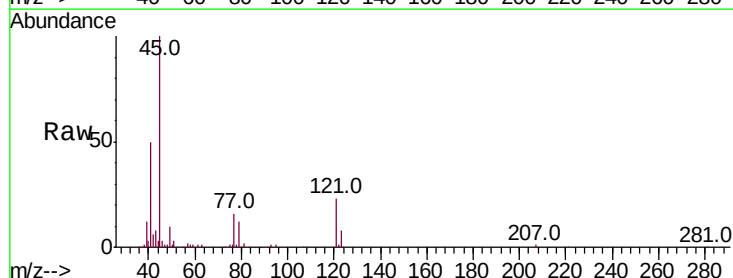
RT: 8.20 min Scan# 886

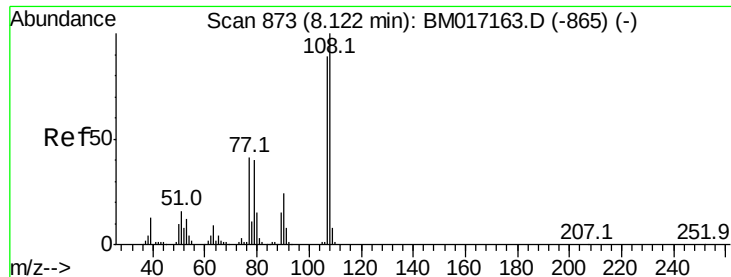
Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tgt Ion:	45	Resp:	318384
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	35.5
79	11.9	0.0	32.1





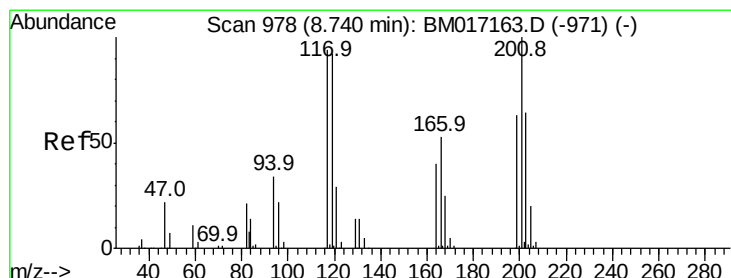
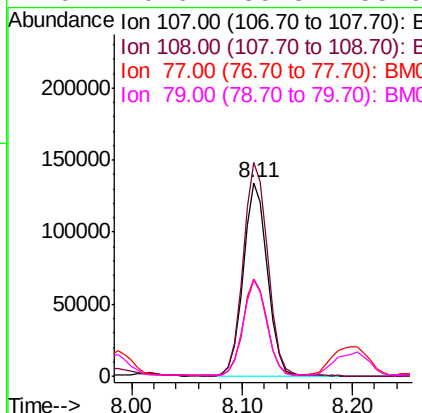
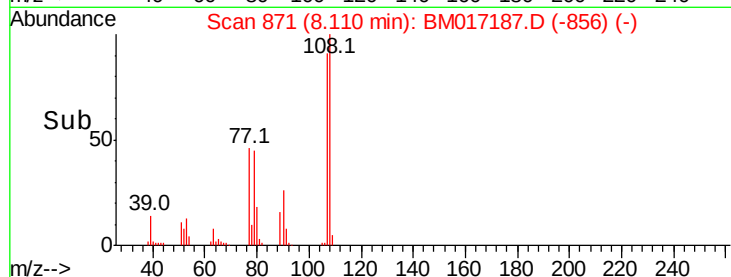
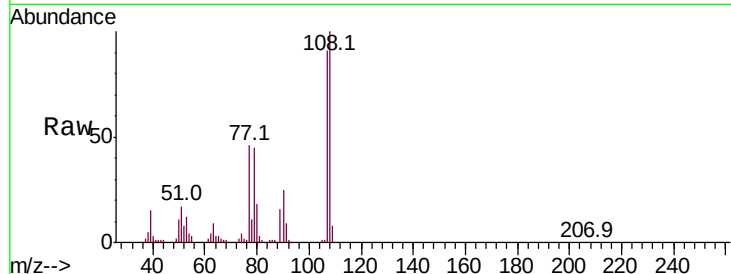
#17
2-Methylphenol
Concen: 19.926 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	90.3	135.5	
77	50.3	37.0	55.4	
79	49.6	35.8	53.6	

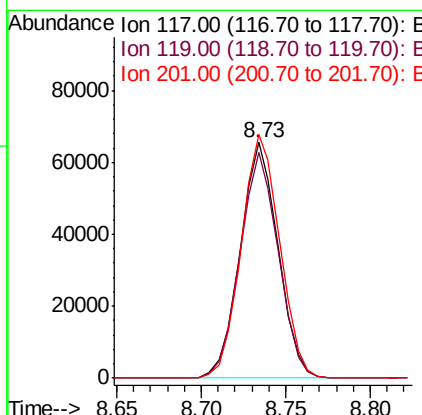
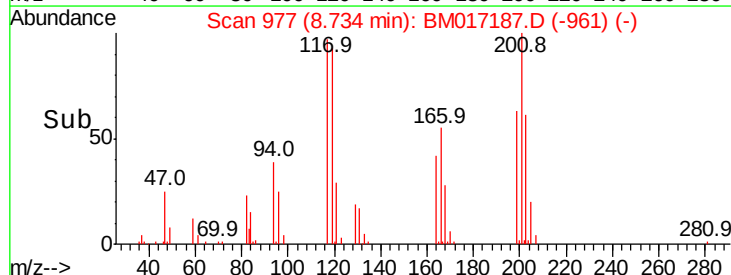
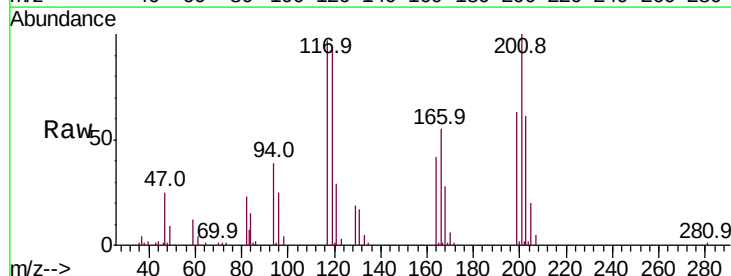
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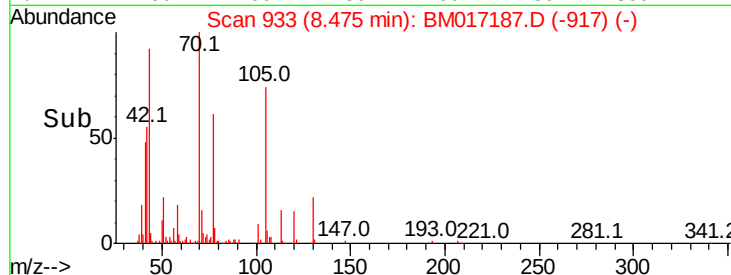
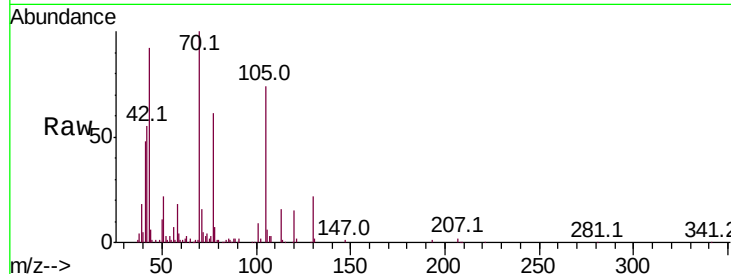
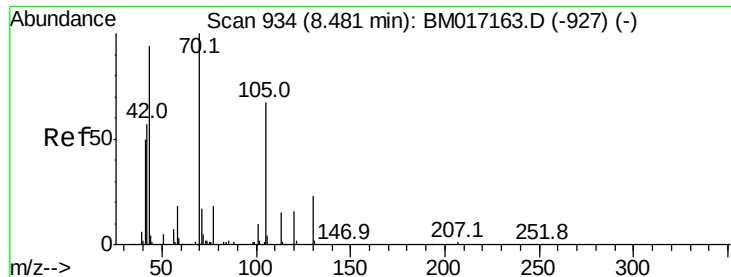
Sohil
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#18
Hexachloroethane
Concen: 19.470 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	78.2	117.2	
201	103.4	85.3	127.9	





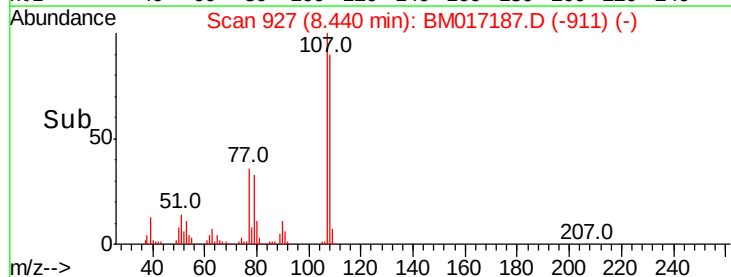
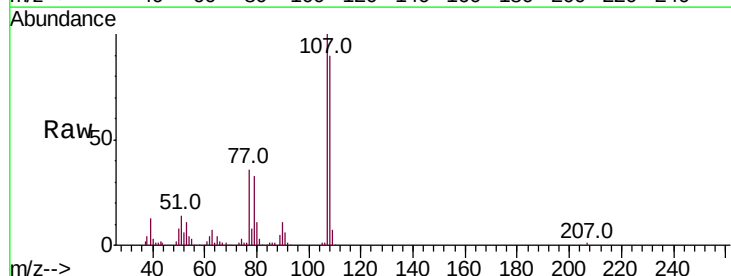
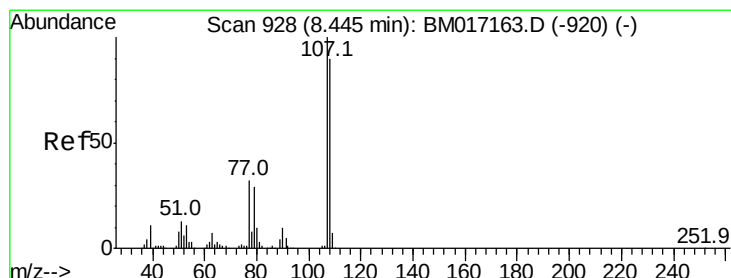
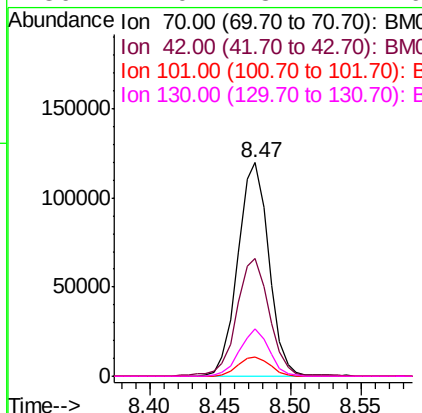
#19
n-Nitroso-di-n-propylamine
Concen: 18.538 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		184355		
42	55.2	46.1	69.1		
101	9.1	8.2	12.4		
130	22.0	18.4	27.6		

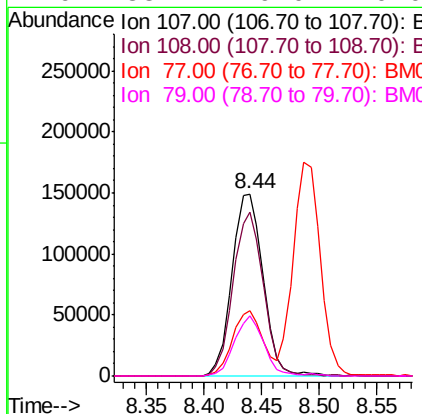
Manual Integrations
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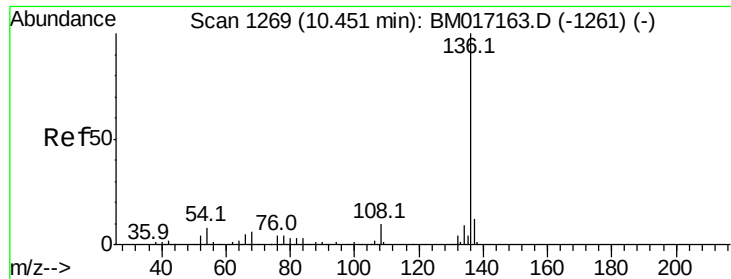
Sohil
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#20
3+4-Methylphenols
Concen: 19.527 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		278650		
108	90.2	69.9	109.9		
77	36.2	12.2	52.2		
79	33.1	9.0	49.0		





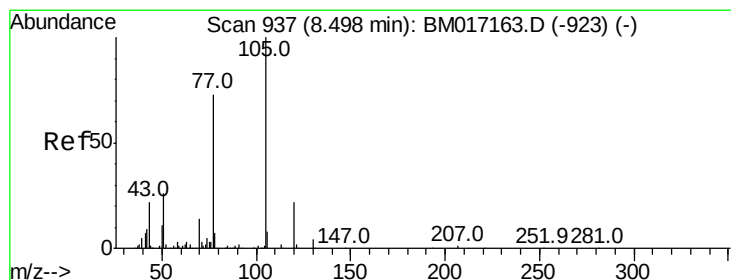
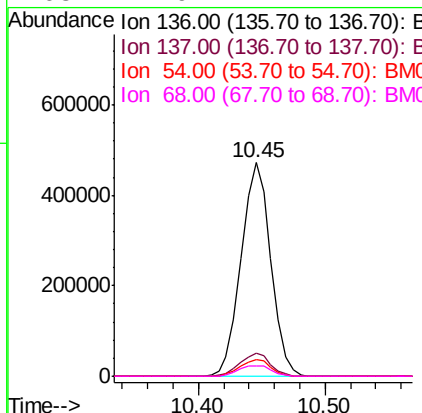
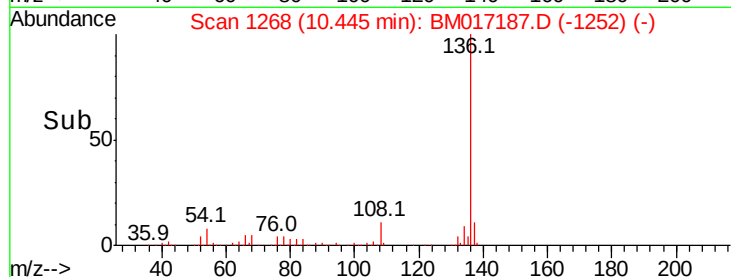
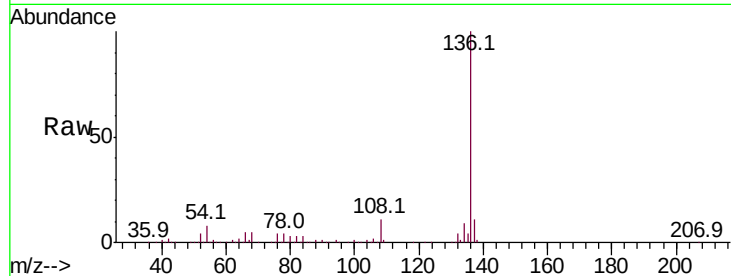
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.2	13.8	
54	7.8	6.7	10.1	
68	4.9	4.7	7.1	

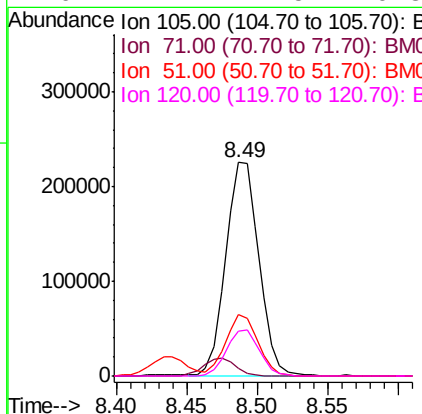
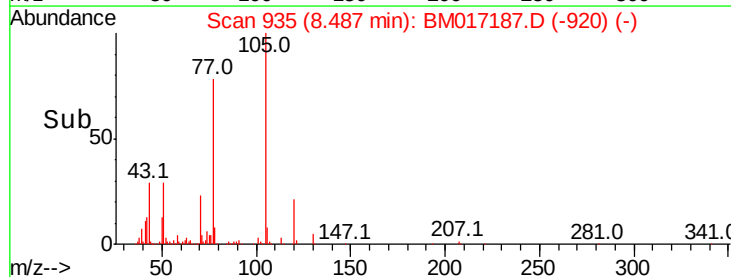
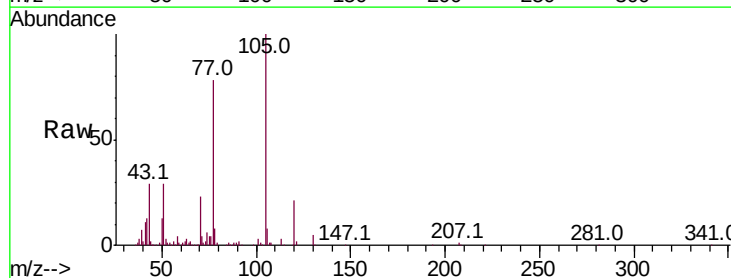
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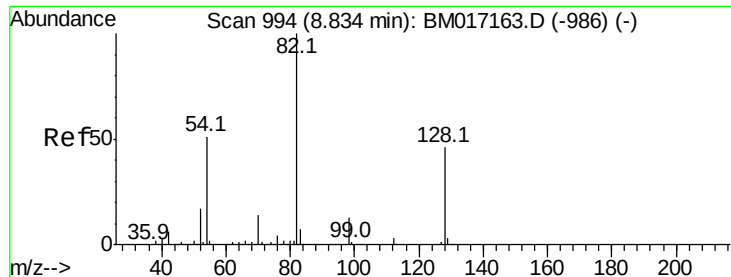
Sohil
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#22
Acetophenone
Concen: 18.900 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.8	2.0	3.0#	
51	28.8	20.6	31.0	
120	21.1	17.5	26.3	





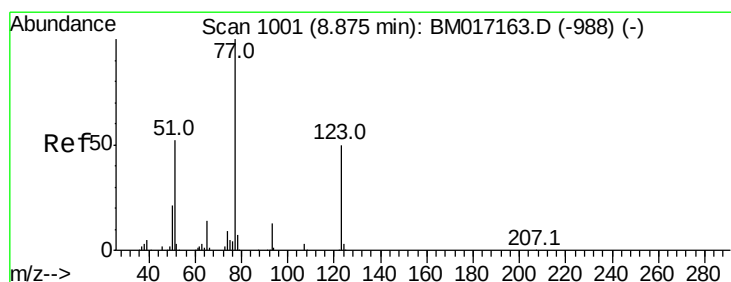
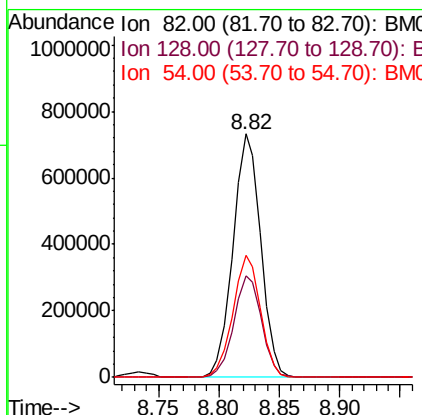
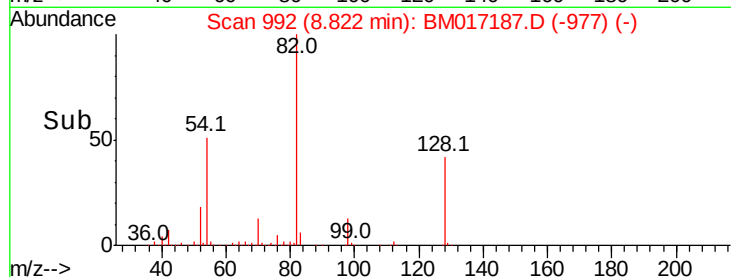
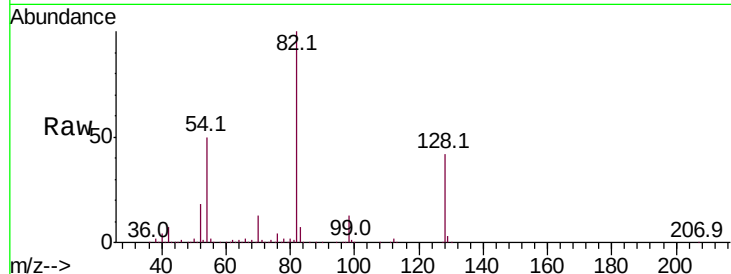
#23
Nitrobenzene-d5
Concen: 89.647 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion: 82 Resp: 1173649
Ion Ratio Lower Upper
82 100
128 41.5 37.0 55.6
54 50.2 40.7 61.1

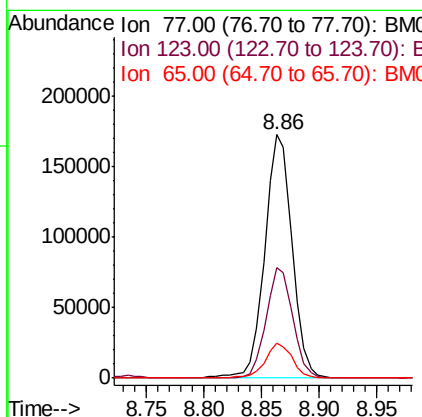
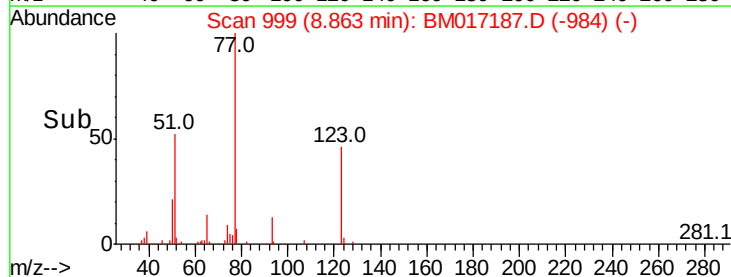
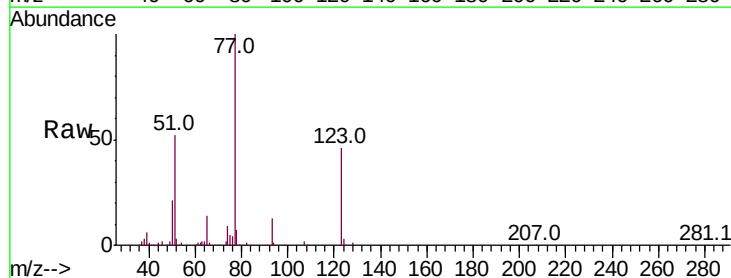
Manual Integrations
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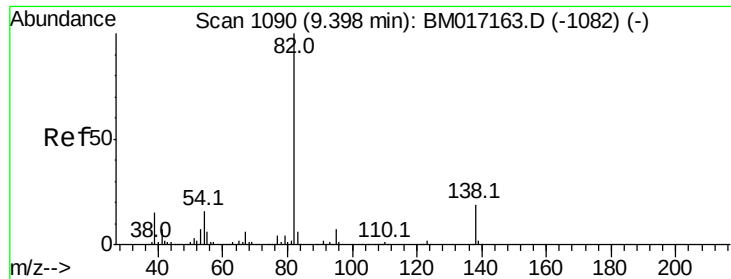
Sohil
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#24
Nitrobenzene
Concen: 20.598 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion: 77 Resp: 285250
Ion Ratio Lower Upper
77 100
123 45.6 40.2 60.4
65 14.2 11.4 17.0





#25

Isophorone

Concen: 21.905 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

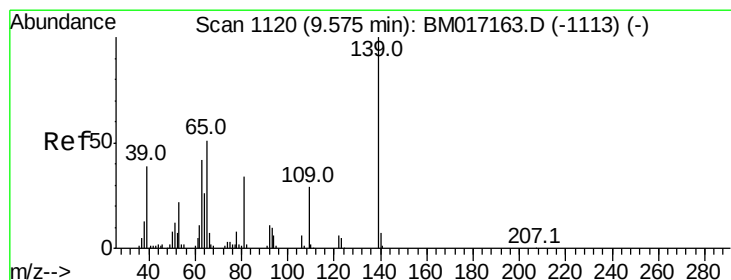
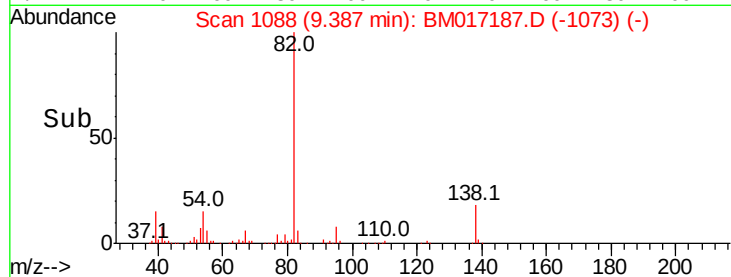
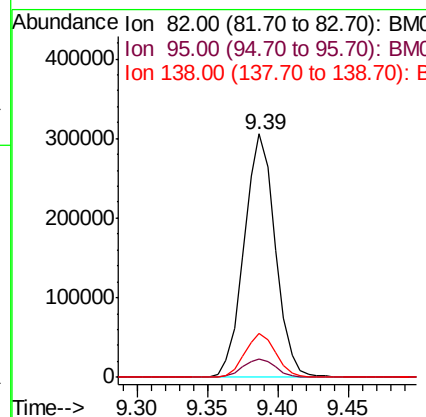
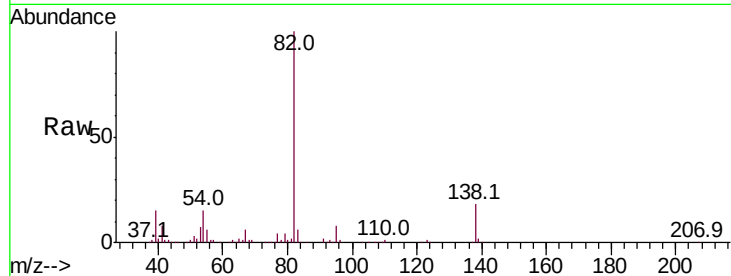
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:	82	Resp:	473553
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.0	9.0
138	18.2	15.4	23.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.285 ng

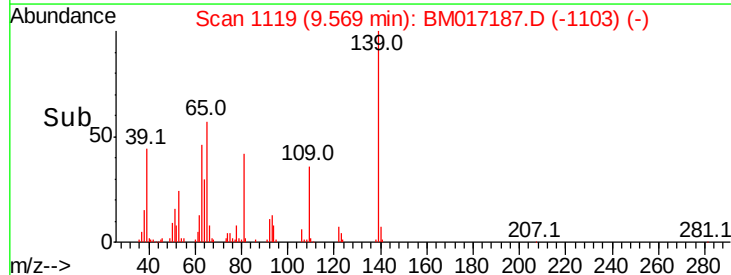
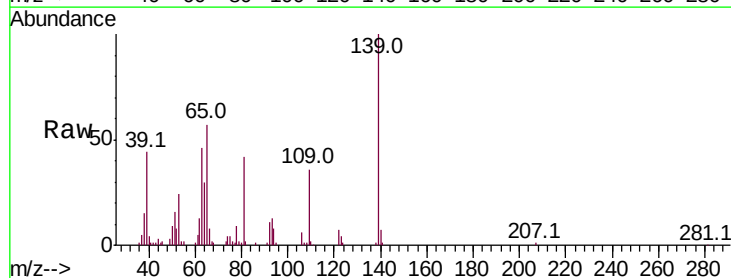
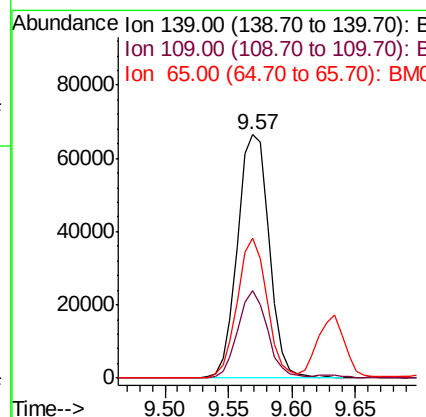
RT: 9.57 min Scan# 1119

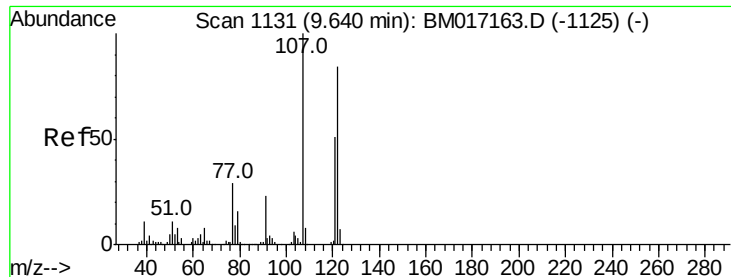
Delta R.T. -0.00 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tgt Ion:	139	Resp:	114606
Ion Ratio	Lower	Upper	
139	100		
109	35.7	23.2	34.8#
65	57.2	40.6	61.0





#27

2,4-Dimethylphenol

Concen: 23.509 ng

RT: 9.63 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

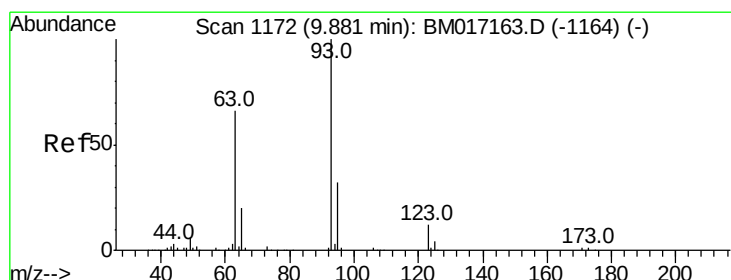
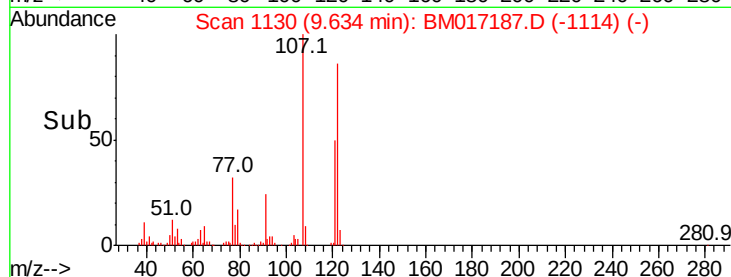
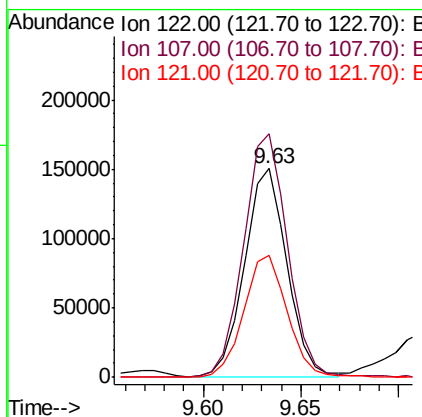
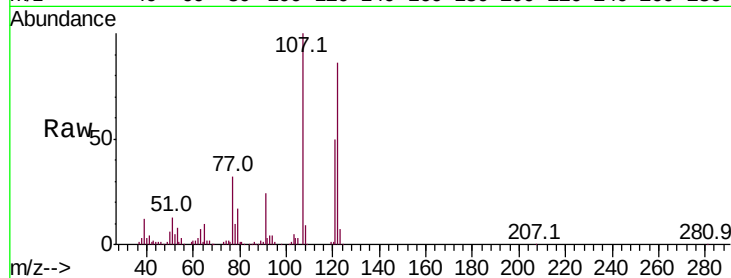
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:	122	Resp:	224729
Ion Ratio	Lower	Upper	
122	100		
107	116.7	95.0	142.6
121	58.5	48.2	72.4

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#28

bis(2-Chloroethoxy)methane

Concen: 20.309 ng

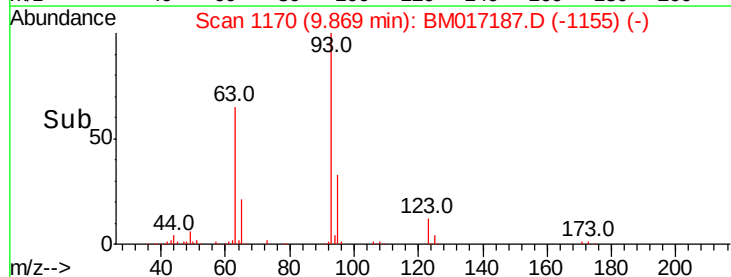
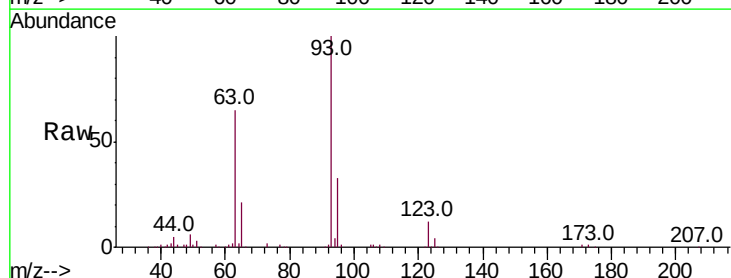
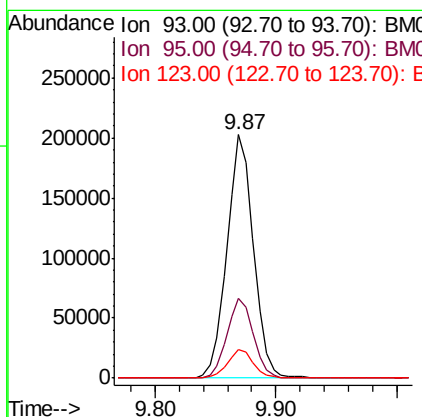
RT: 9.87 min Scan# 1170

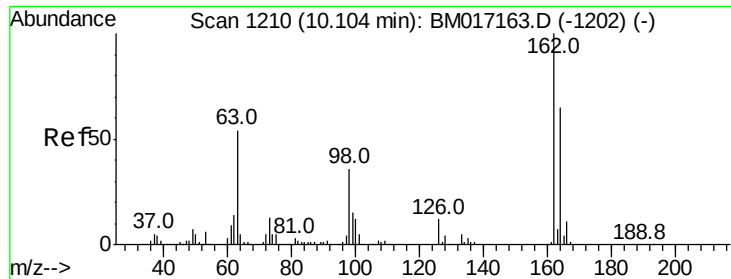
Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tgt Ion:	93	Resp:	309020
Ion Ratio	Lower	Upper	
93	100		
95	32.6	25.7	38.5
123	11.7	9.4	14.0





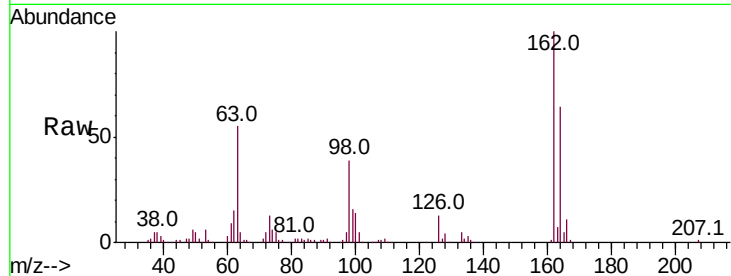
#29
2,4-Dichlorophenol
Concen: 20.618 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
162	100	228835		
164	63.7		44.9	84.9
98	38.7		15.8	55.8

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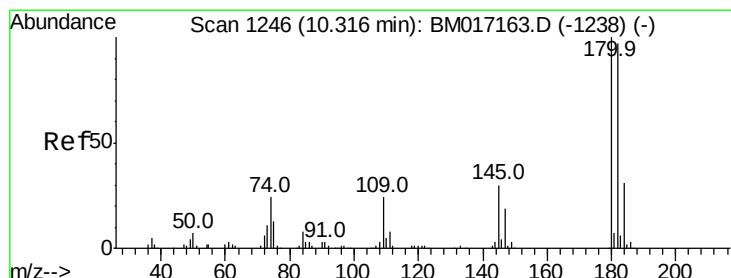
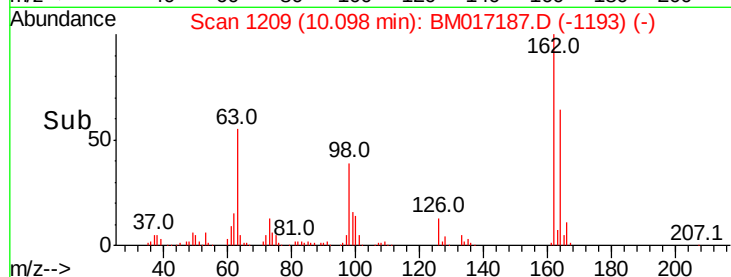
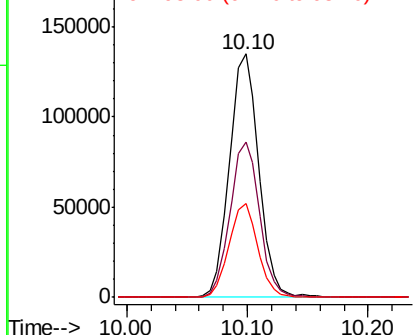


Abundance

Ion 162.00 (161.70 to 162.70): E

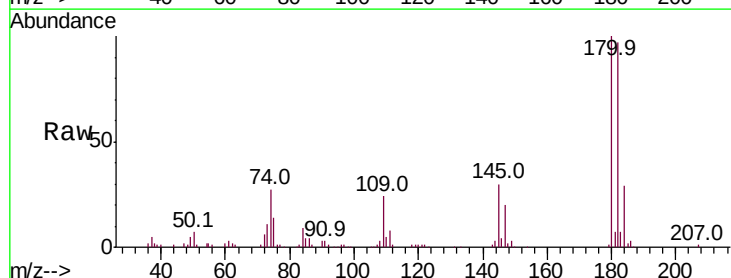
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 19.429 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	258693		
182	96.6		77.5	116.3
145	29.6		24.0	36.0

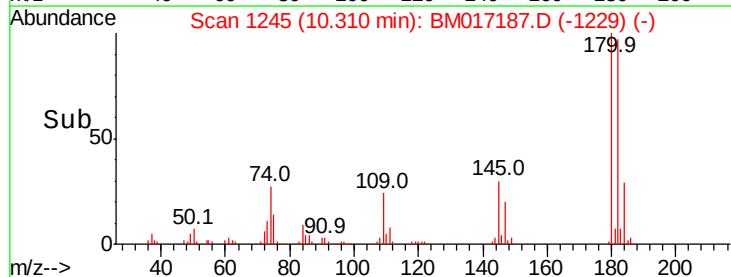
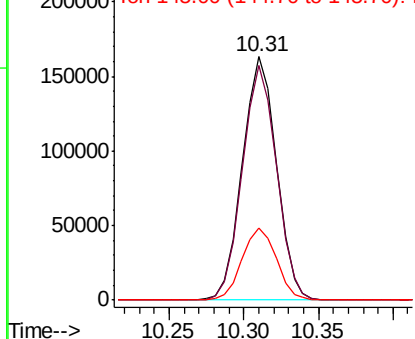


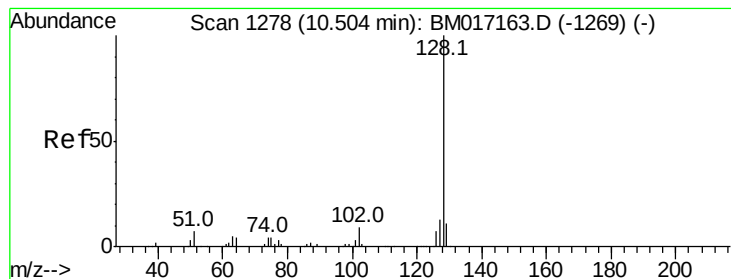
Abundance

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: 20.756 ng

RT: 10.50 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

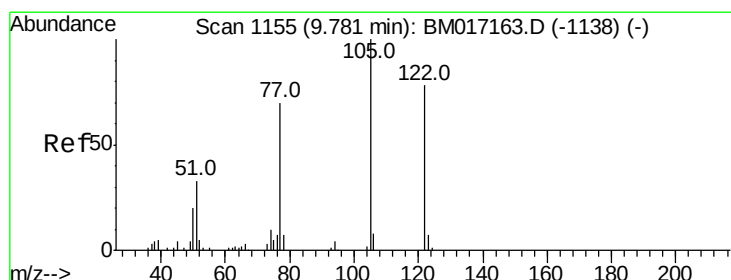
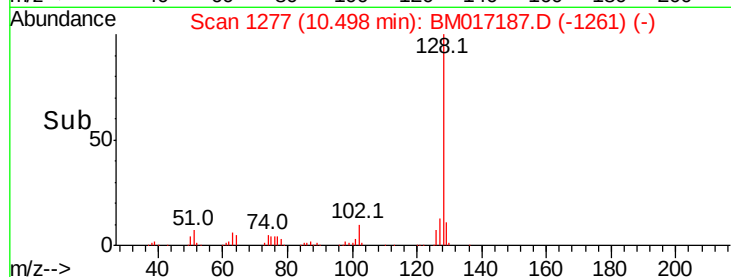
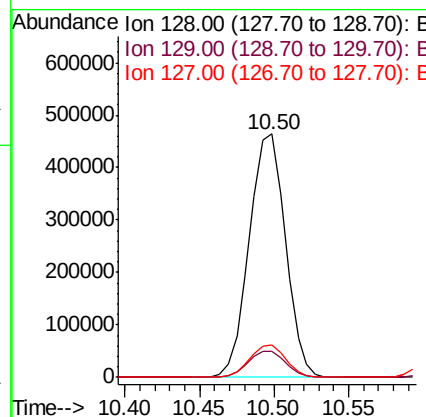
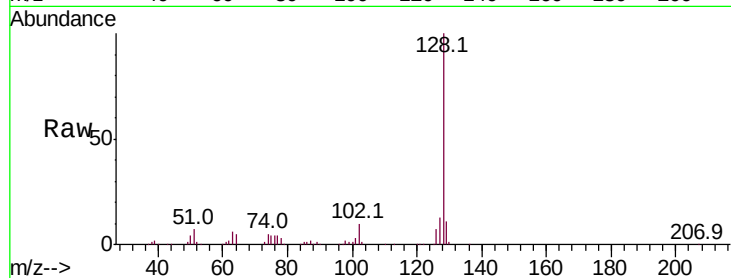
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:	128	Resp:	778821
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.5	12.7
127	13.1	10.3	15.5

Manual Integrations
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#32

Benzoic acid

Concen: 18.808 ng m

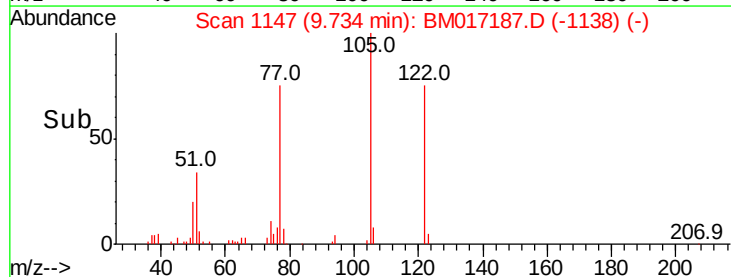
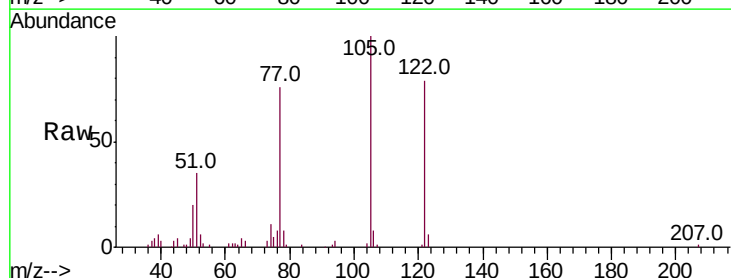
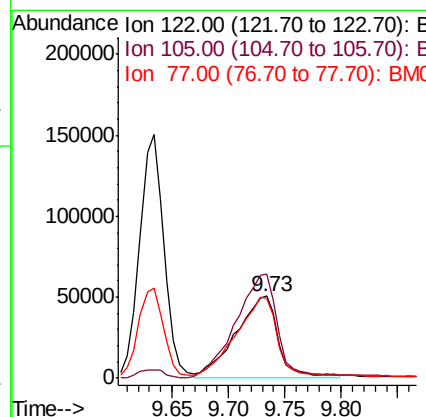
RT: 9.73 min Scan# 1147

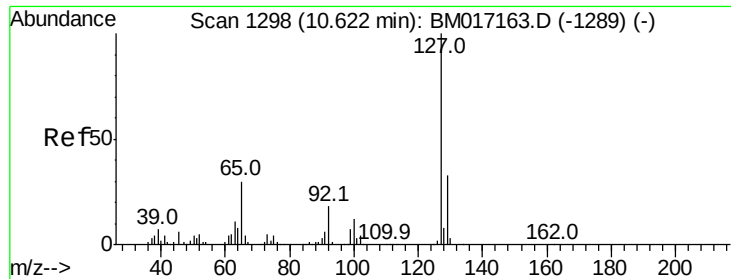
Delta R.T. -0.05 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tgt Ion:	122	Resp:	134150
Ion Ratio	Lower	Upper	
122	100		
105	127.3	102.0	142.0
77	97.3	67.7	107.7





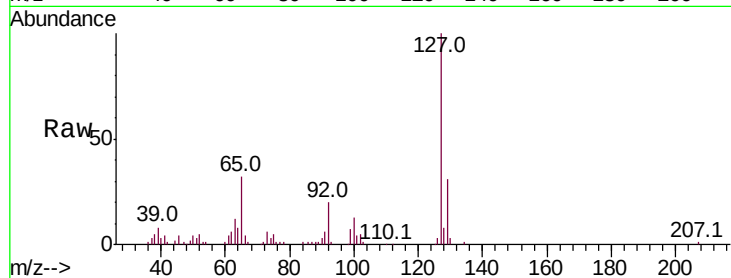
#33
4-Chloroaniline
Concen: 12.241 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.2	26.2	39.4
65	31.8	23.7	35.5
92	20.0	14.3	21.5

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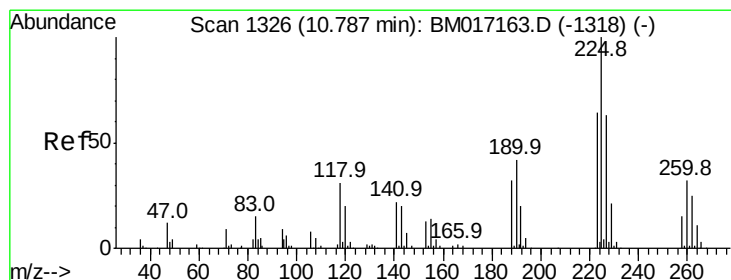
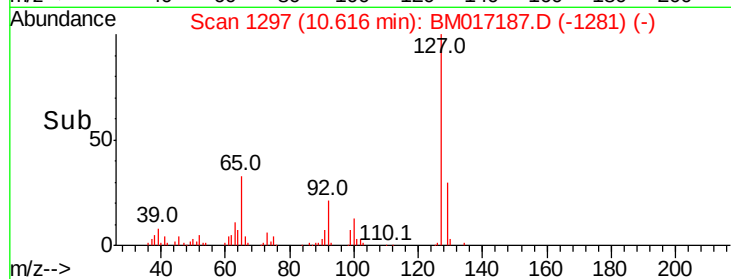
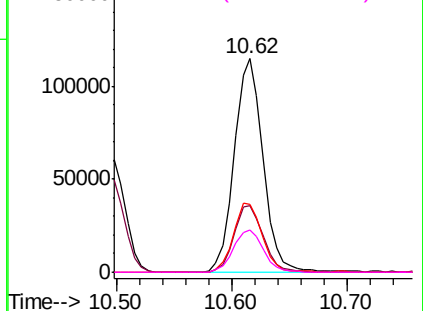
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

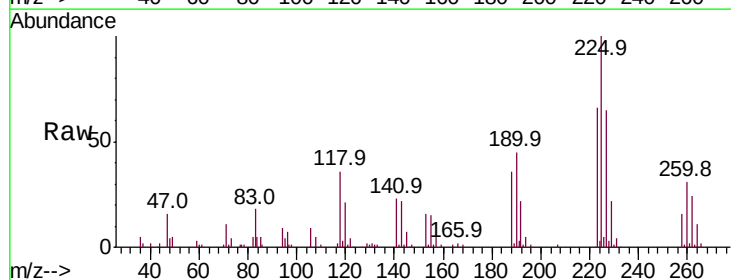
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 18.627 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	66.0	51.0	76.6
227	65.0	50.8	76.2

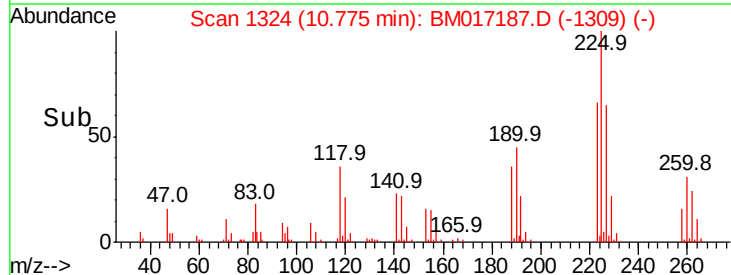
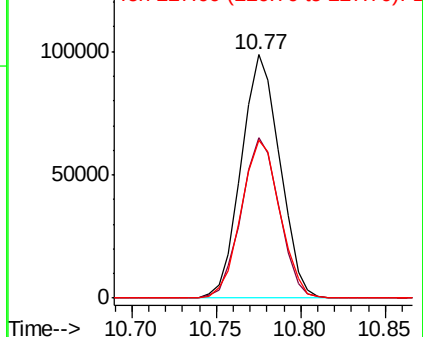


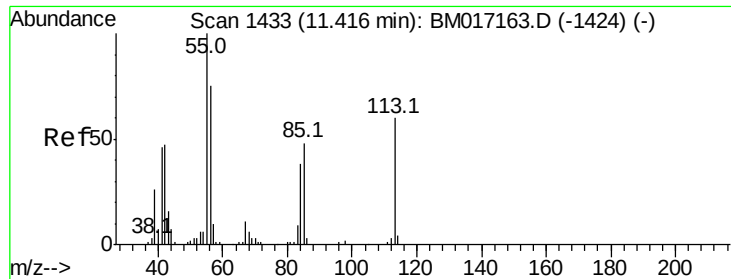
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





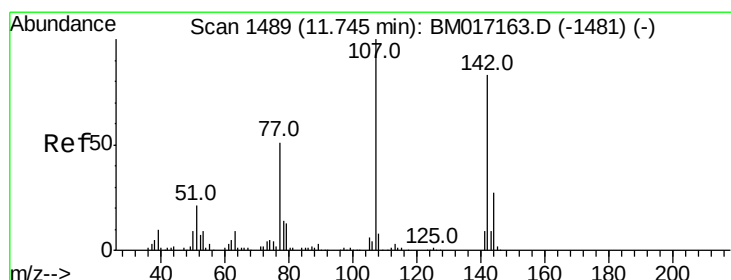
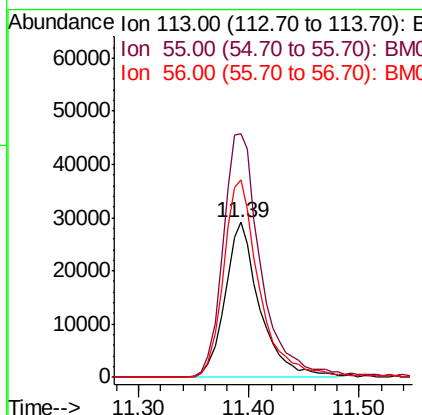
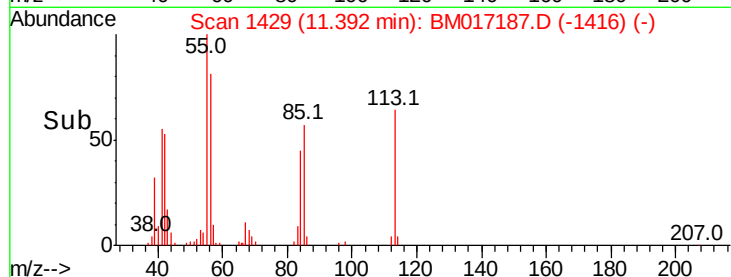
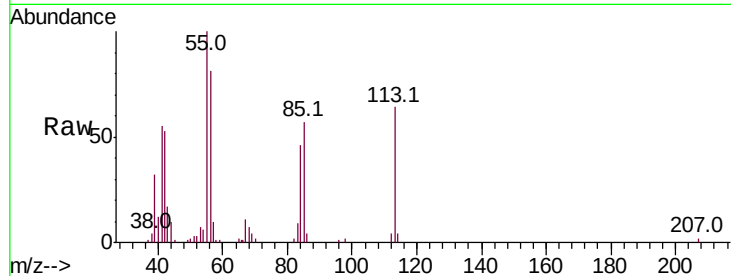
#35
 Caprolactam
 Concen: 15.846 ng
 RT: 11.39 min Scan# 1429
 Delta R.T. -0.02 min
 Lab File: BM017187.D
 Acq: 18 Oct 2018 11:33

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tot Ion:113 Resp: 64094
 Ion Ratio Lower Upper
 113 100
 55 157.2 147.0 187.0
 56 127.8 104.5 144.5

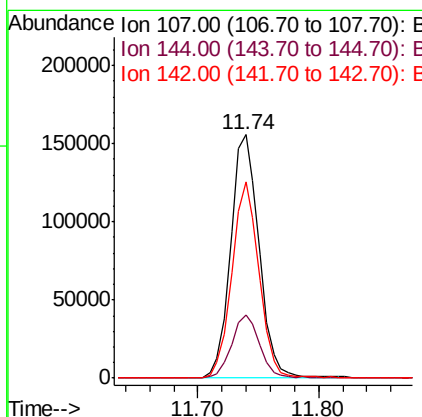
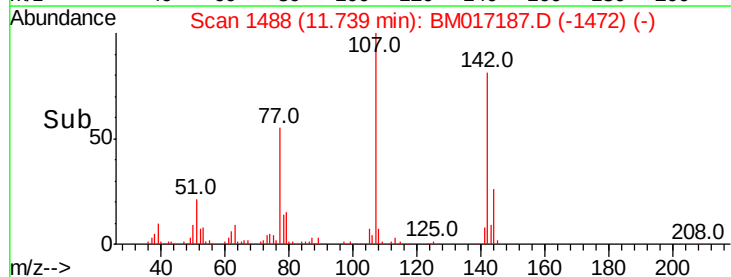
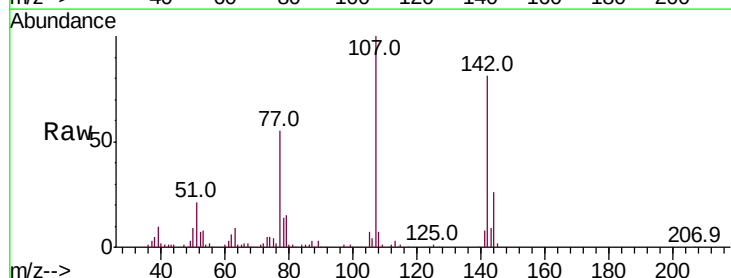
Manual Integrations
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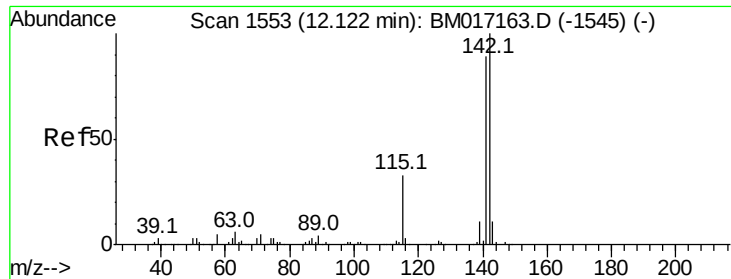
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#36
 4-Chloro-3-methylphenol
 Concen: 20.451 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017187.D
 Acq: 18 Oct 2018 11:33

Tgt Ion:107 Resp: 255860
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.6 32.4
 142 80.8 66.0 99.0





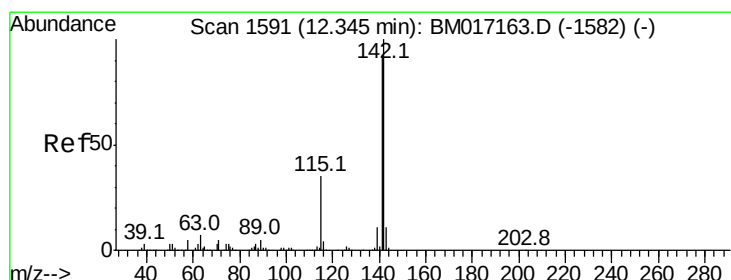
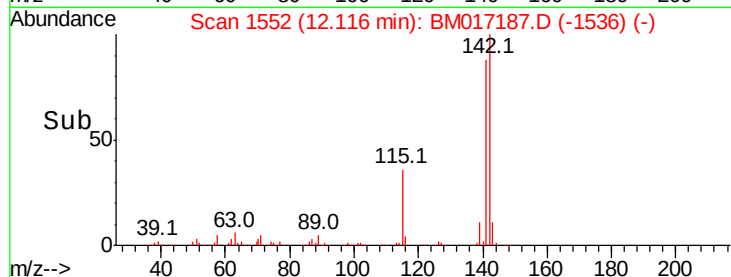
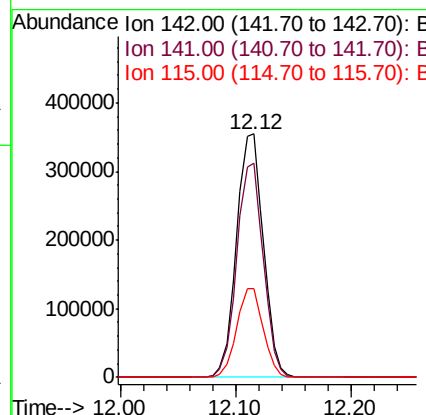
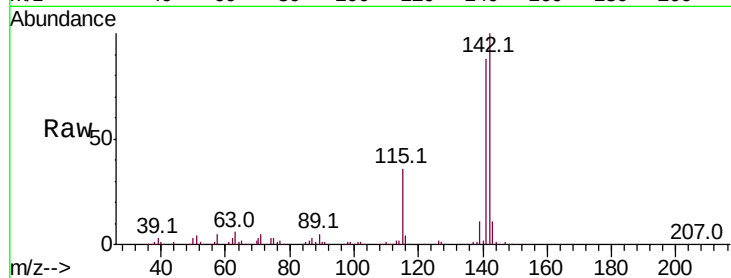
#37
2-Methylnaphthalene
Concen: 22.298 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3
115	36.3	26.4	39.6

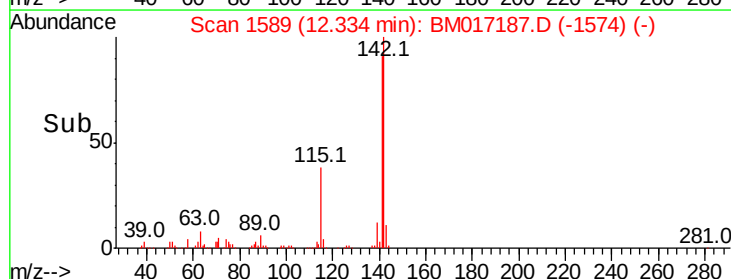
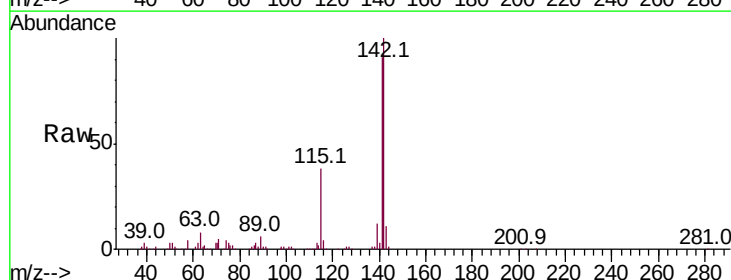
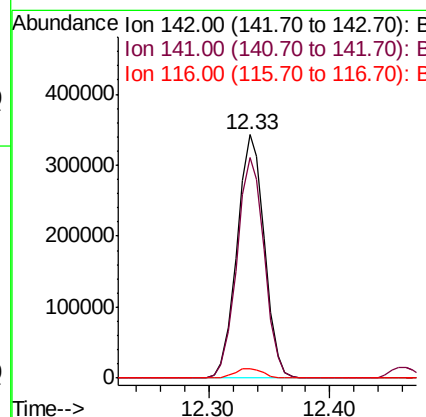
Manual Integrations
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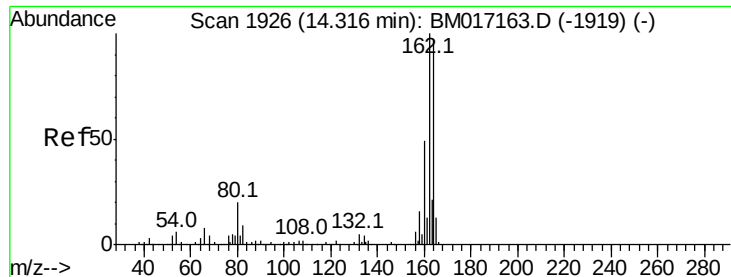
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#38
1-Methylnaphthalene
Concen: 21.642 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.8	110.6
116	3.9	2.9	4.3





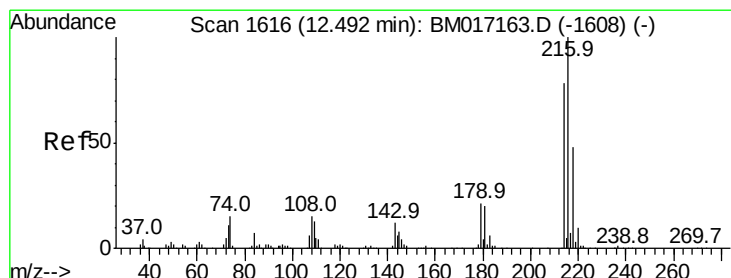
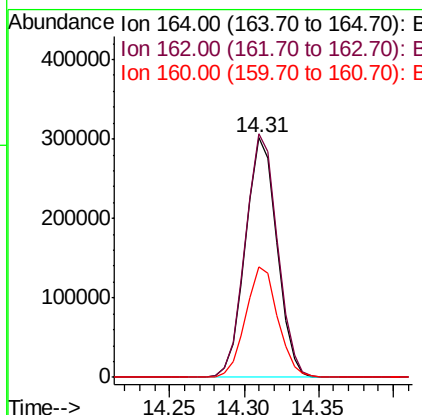
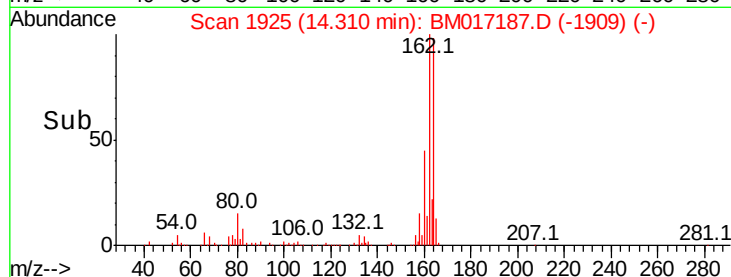
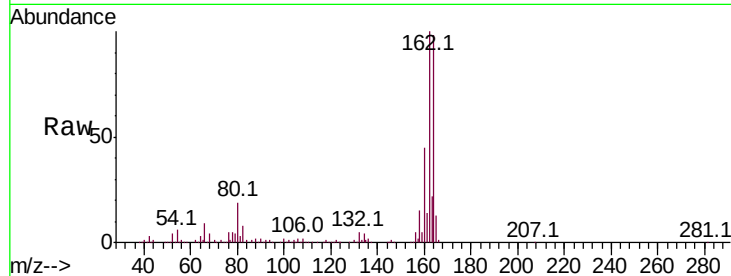
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.1	123.1
160	46.0	40.2	60.2

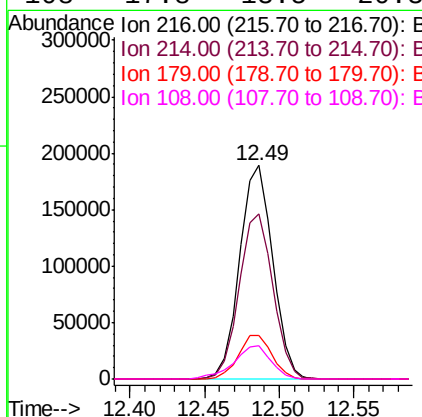
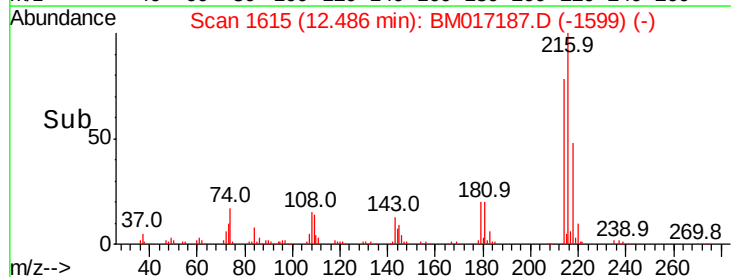
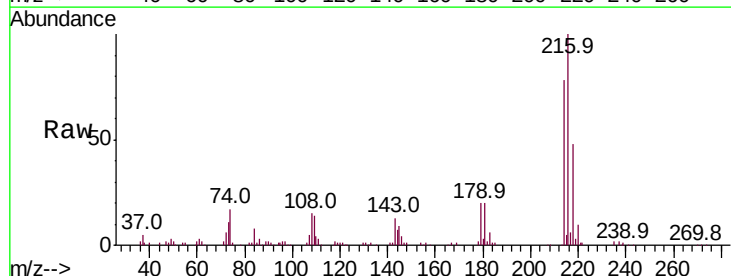
Manual Integrations
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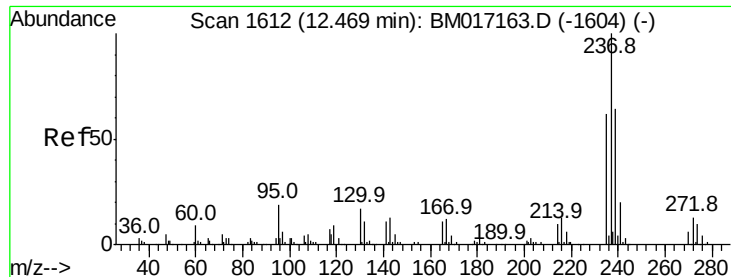
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 18.787 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.6	93.8
179	20.8	16.6	24.8
108	17.8	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 25.604 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

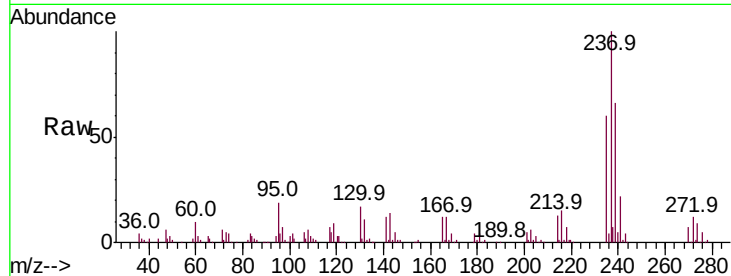
ClientSampleId :

LOQ-WATER-02-QT4-2018

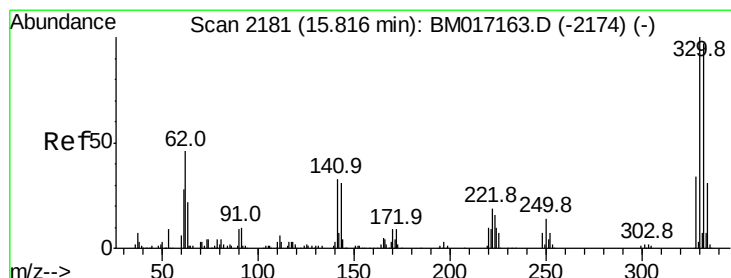
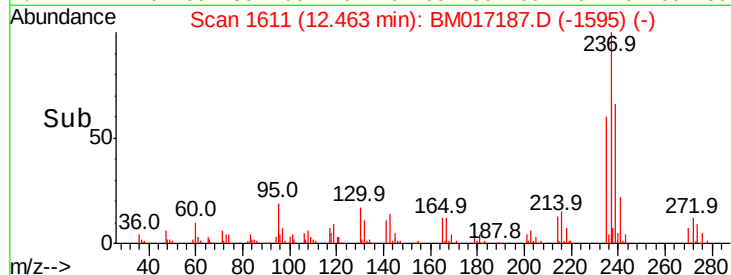
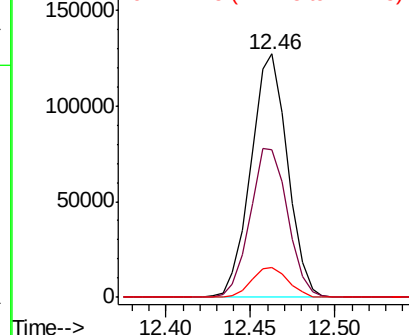
Tot Ion:	237	Resp:	191579
Ion Ratio	Lower	Upper	
237	100		
235	60.4	42.4	82.4
272	12.0	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 148.824 ng

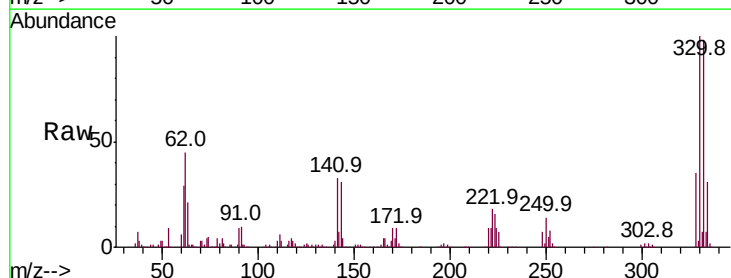
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

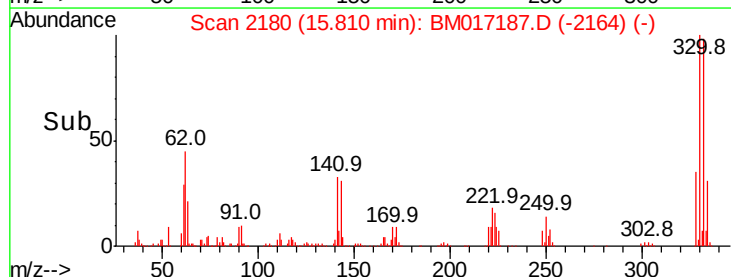
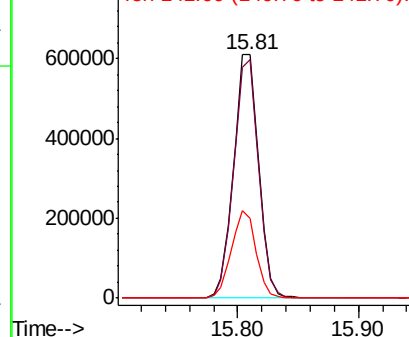
Lab File: BM017187.D

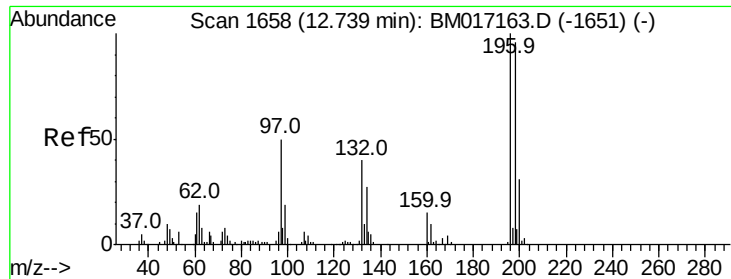
Acq: 18 Oct 2018 11:33

Tgt Ion:	330	Resp:	884541
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.3	115.9
141	35.1	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





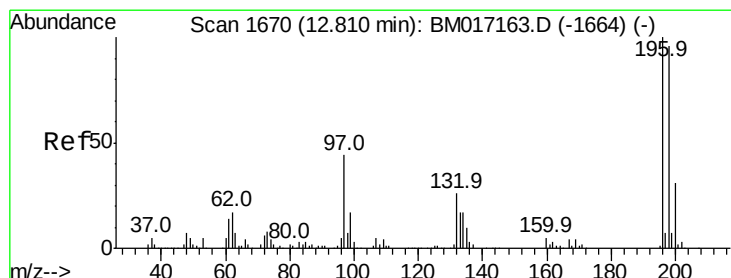
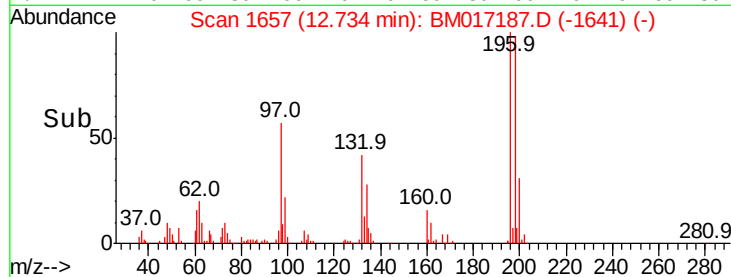
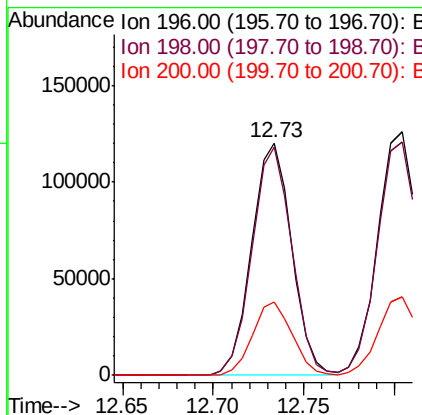
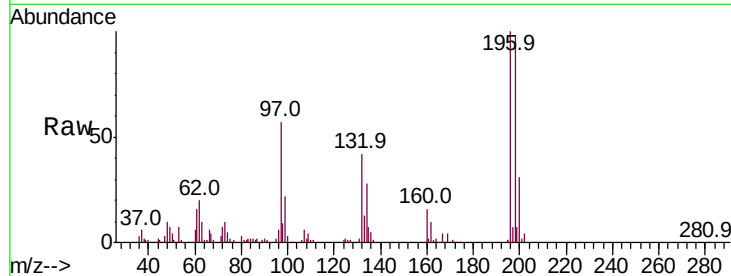
#43
 2,4,6-Trichlorophenol
 Concen: 20.608 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017187.D
 Acq: 18 Oct 2018 11:33

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
196	100	185159		
198	98.2	77.1	115.7	
200	31.5	25.0	37.4	

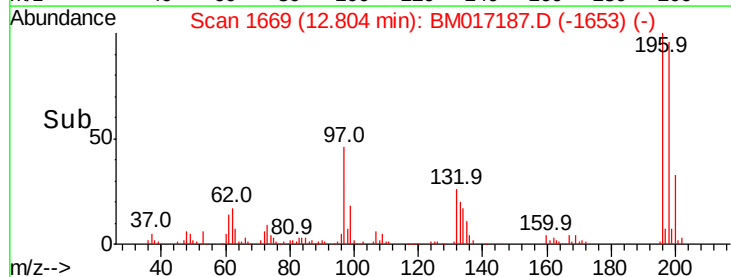
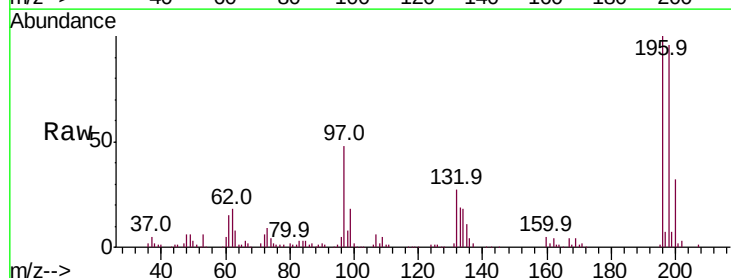
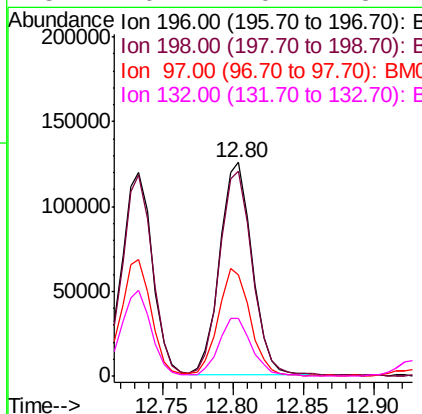
Manual Integrations
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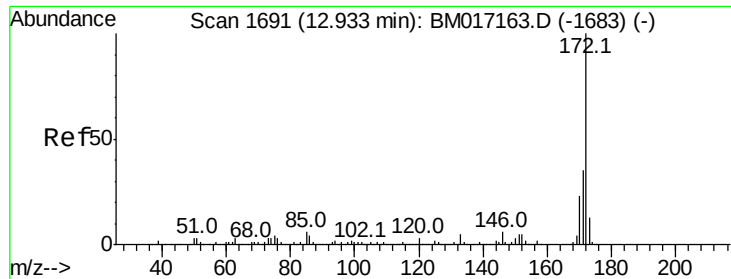
Sohil
 10/18/2018 5:33:44 PM



#44
 2,4,5-Trichlorophenol
 Concen: 20.782 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017187.D
 Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200230		
198	95.8	76.6	115.0	
97	47.5	35.5	53.3	
132	26.7	20.7	31.1	





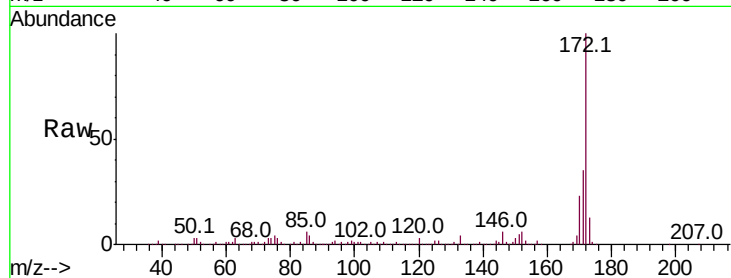
#45
2-Fluorobiphenyl
Concen: 84.135 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.6	18.3	27.5

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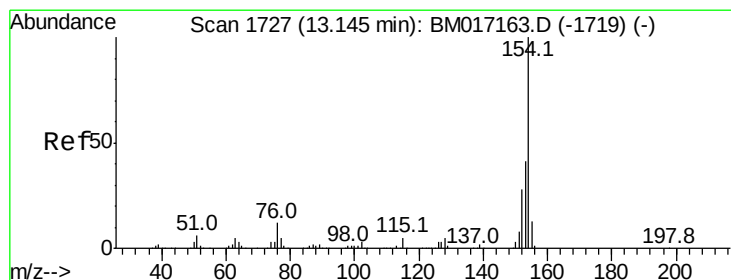
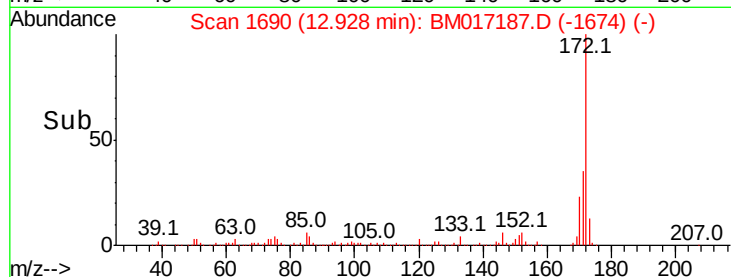
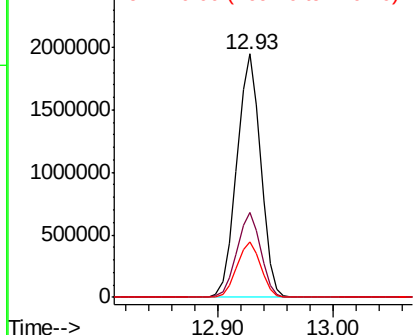


Abundance

Ion 172.00 (171.70 to 172.70): E

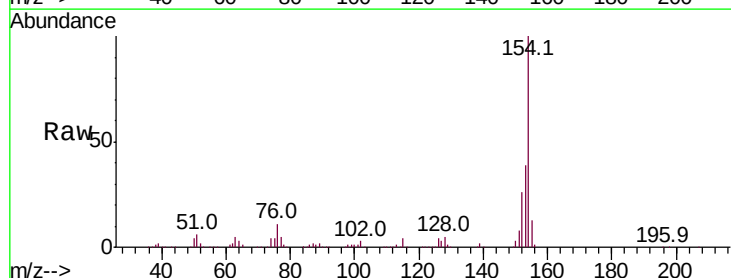
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 18.384 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.5	60.5
76	11.1	0.0	31.8

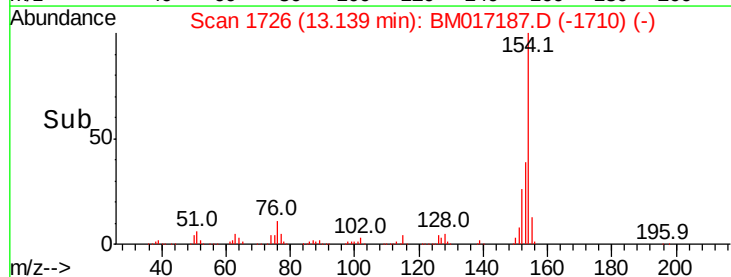
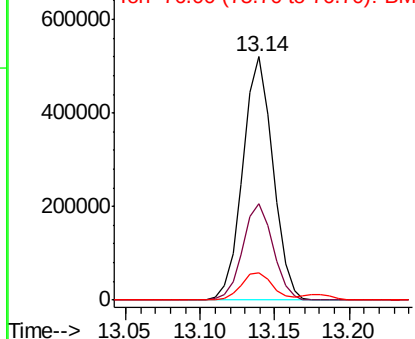


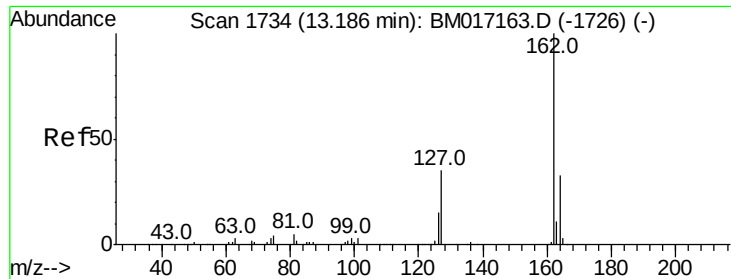
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#47

2-Chloronaphthalene

Concen: 19.269 ng

RT: 13.18 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

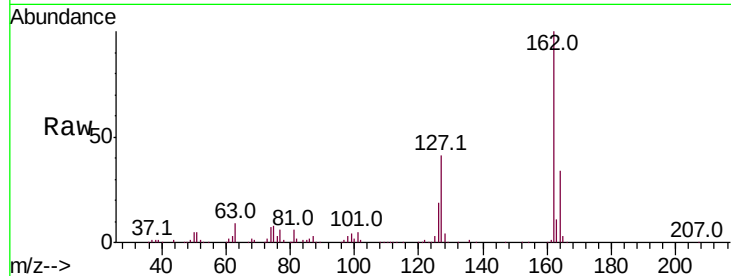
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:	162	Resp:	560637
Ion Ratio	Lower	Upper	
162	100		
127	41.1	31.0	46.4
164	33.9	26.6	39.8

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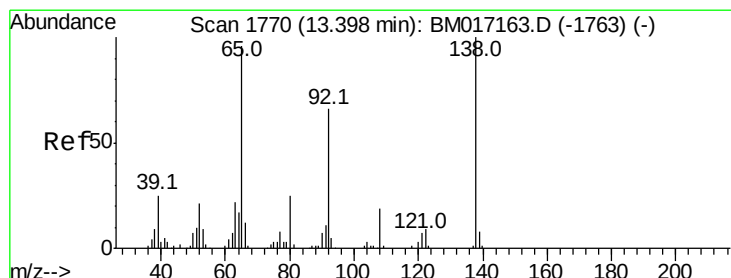
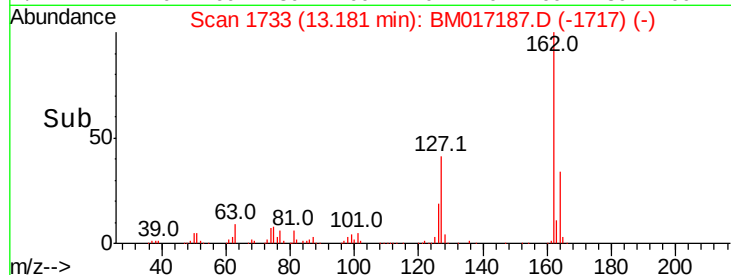
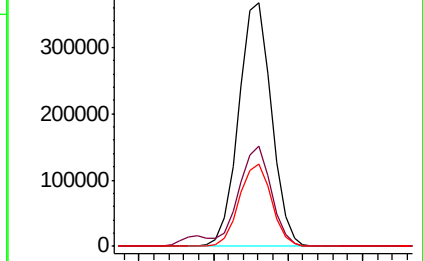
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 21.658 ng

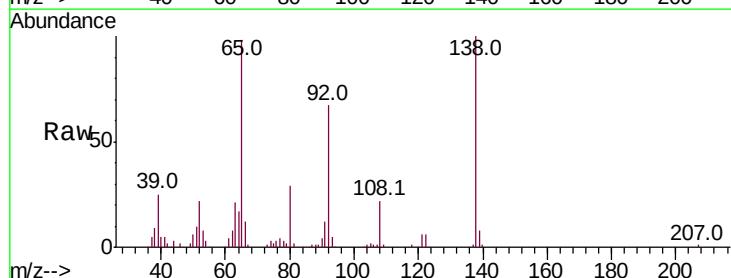
RT: 13.39 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

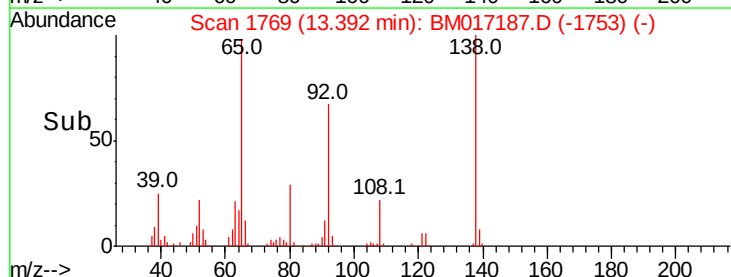
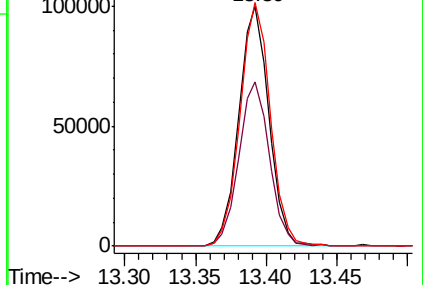
Tgt Ion:	65	Resp:	148927
Ion Ratio	Lower	Upper	
65	100		
92	68.6	54.9	82.3
138	101.6	83.7	125.5

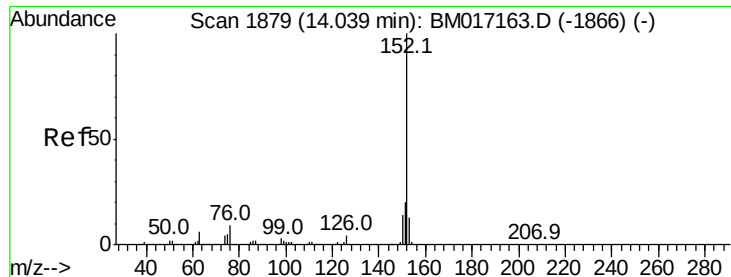


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 21.352 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

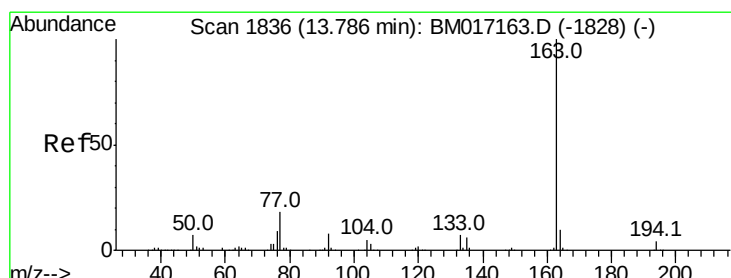
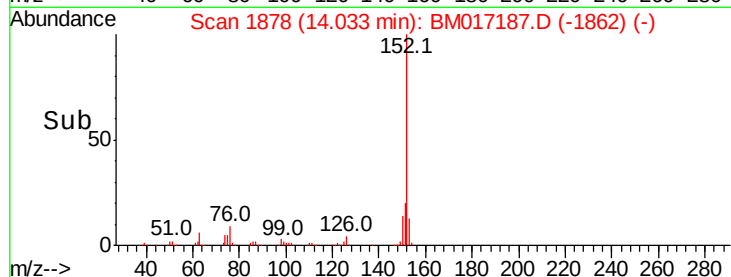
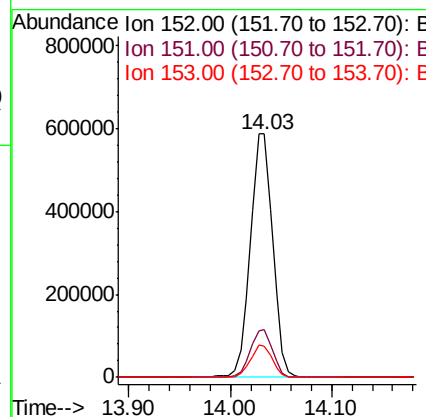
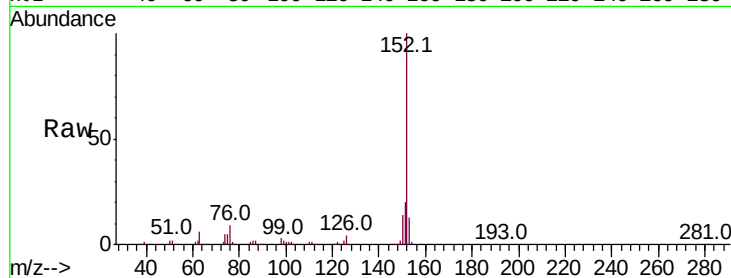
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:	152	Resp:	900520
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.0	24.0
153	12.8	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 21.034 ng

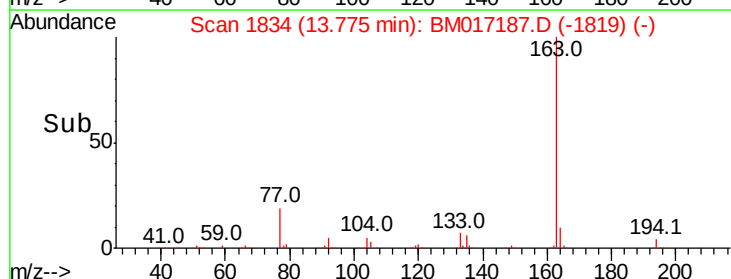
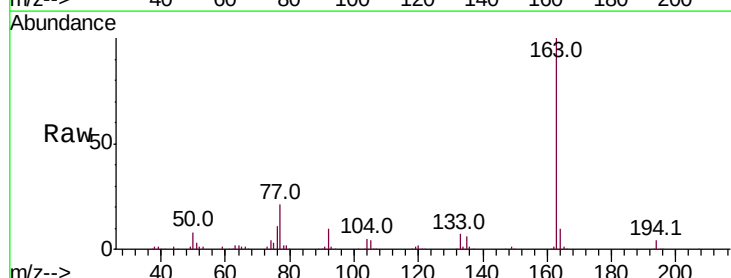
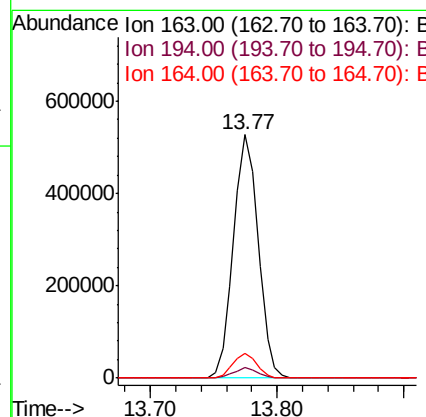
RT: 13.77 min Scan# 1834

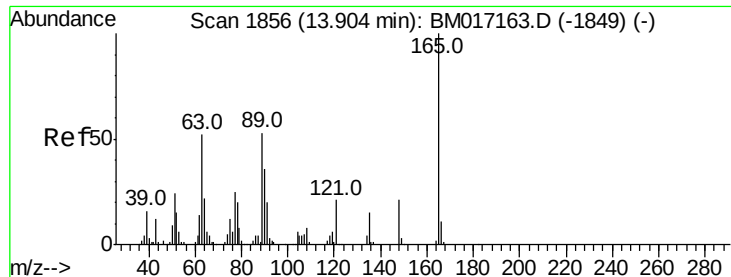
Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tgt Ion:	163	Resp:	713203
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.1	7.8	11.8





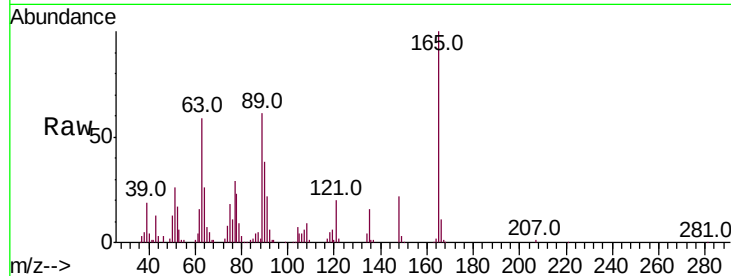
#51
2,6-Dinitrotoluene
Concen: 19.853 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.0	42.7	64.1	
89	61.2	42.1	63.1	

Manual Integrations
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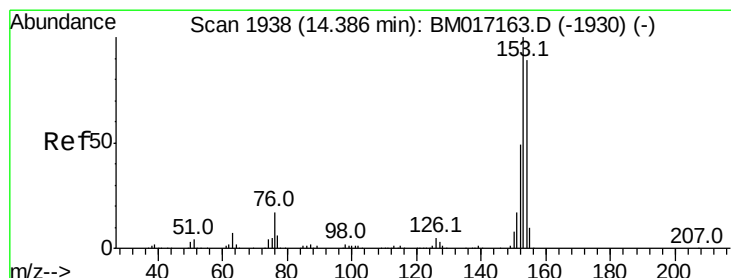
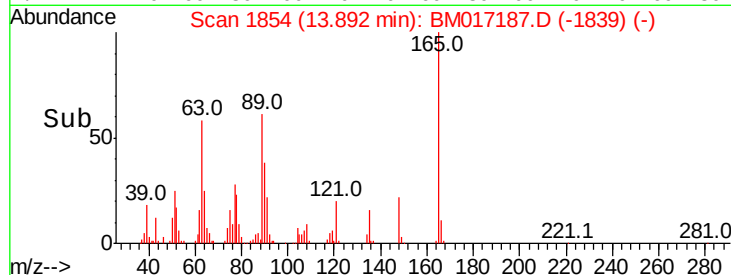
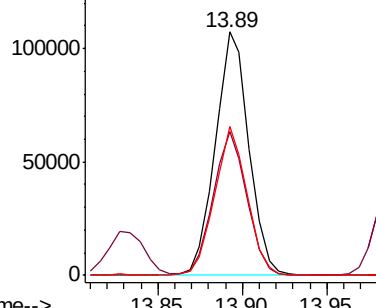


Abundance

Ion 165.00 (164.70 to 165.70): E

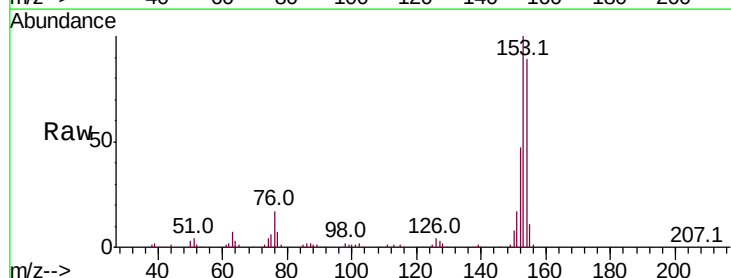
Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52
Acenaphthene
Concen: 20.260 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.1	90.2	135.2	
152	52.7	44.2	66.4	

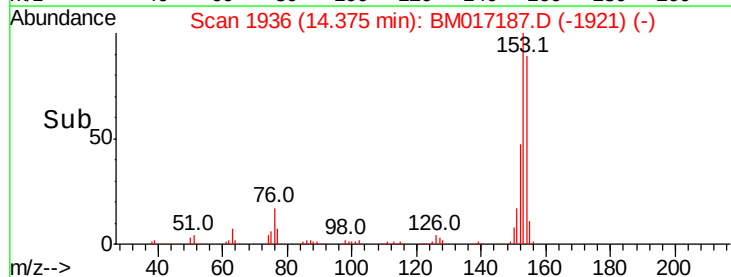
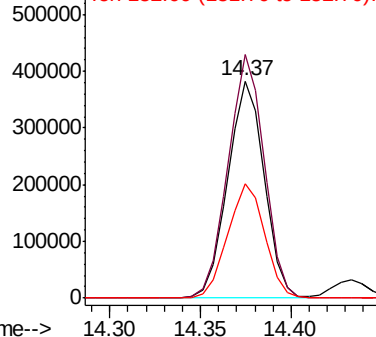


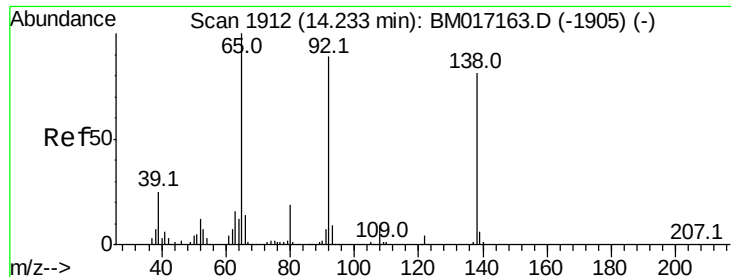
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





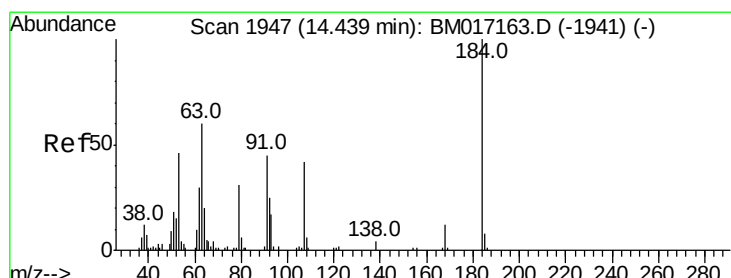
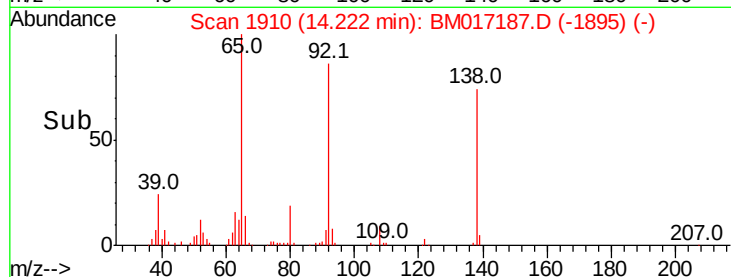
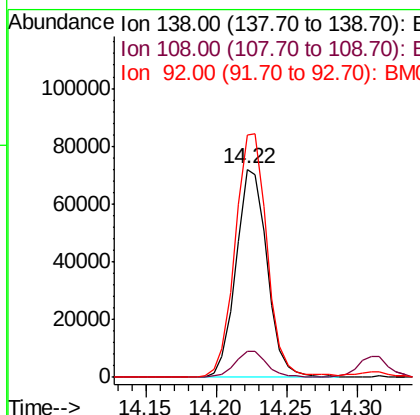
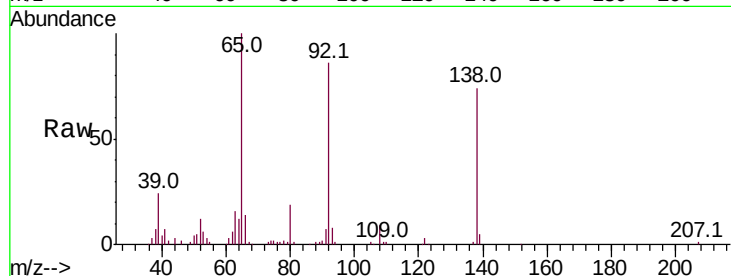
#53
3-Nitroaniline
Concen: 13.693 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.5	8.7	13.1
92	116.5	87.9	131.9

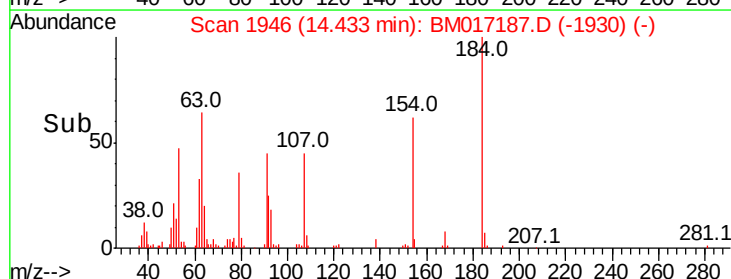
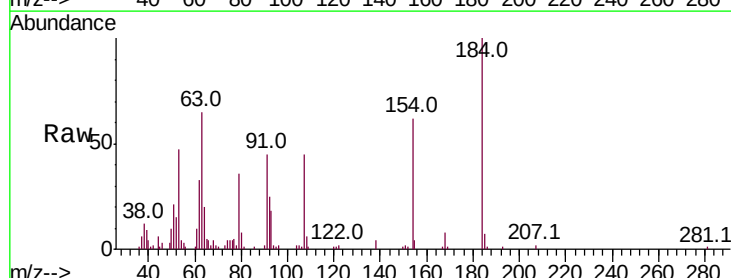
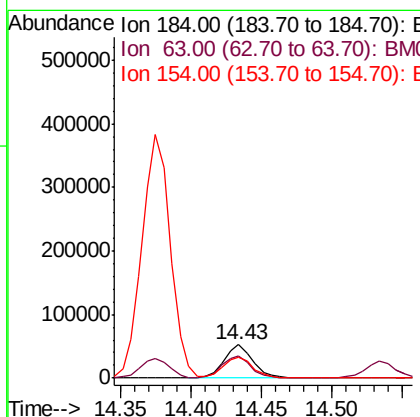
Manual Integrations
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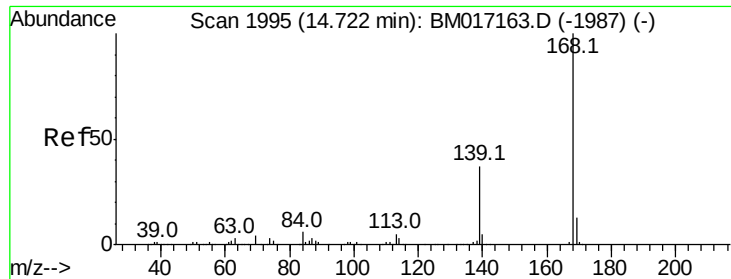
Sohil
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#54
2,4-Dinitrophenol
Concen: 23.728 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.6	51.2	76.8
154	62.5	47.8	71.8





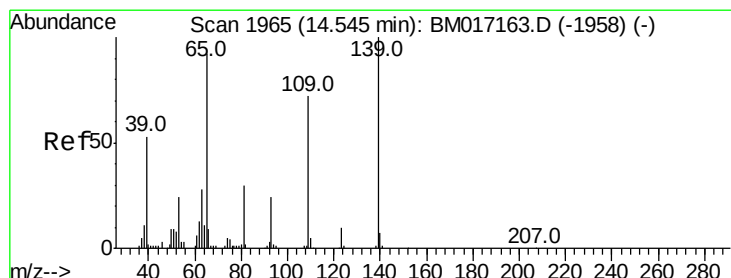
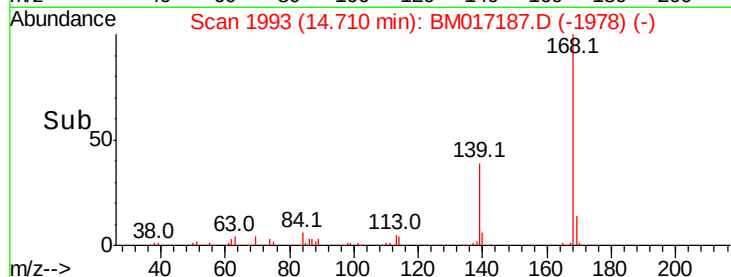
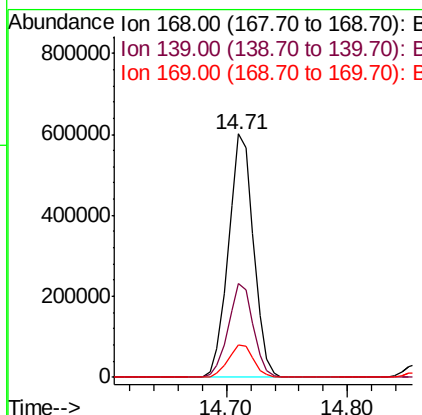
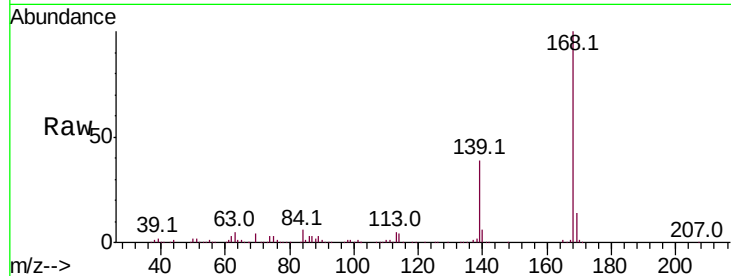
#55
Dibenzofuran
Concen: 19.676 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	29.3	43.9
169	13.6	10.6	15.8

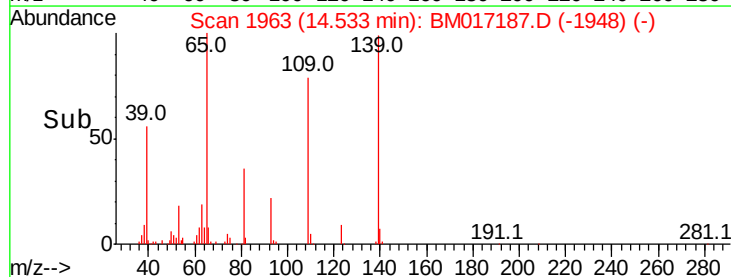
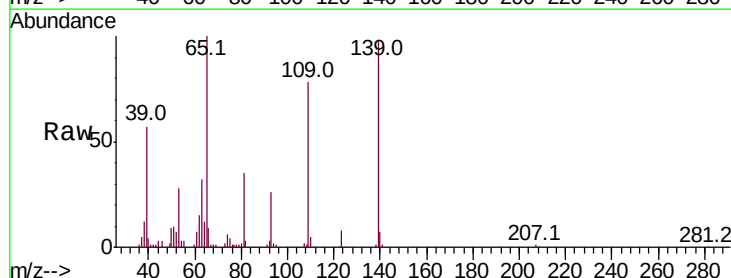
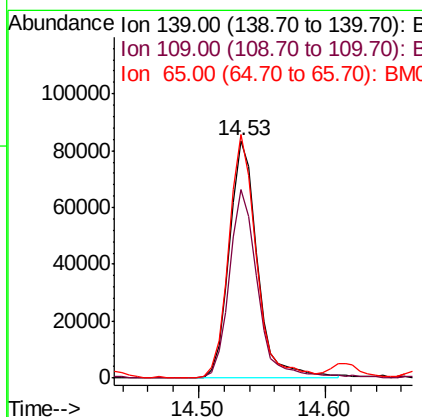
Manual Integrations
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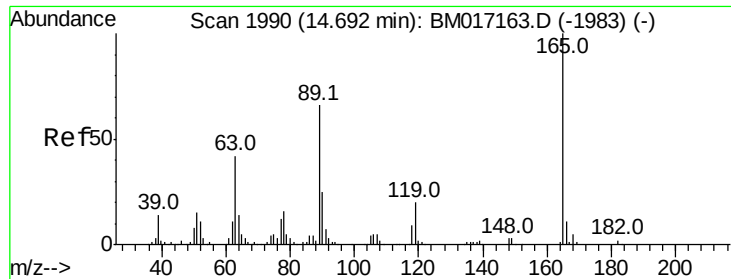
Sohil
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#56
4-Nitrophenol
Concen: 21.071 ng
RT: 14.53 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.5	51.8	91.8
65	102.4	72.1	112.1





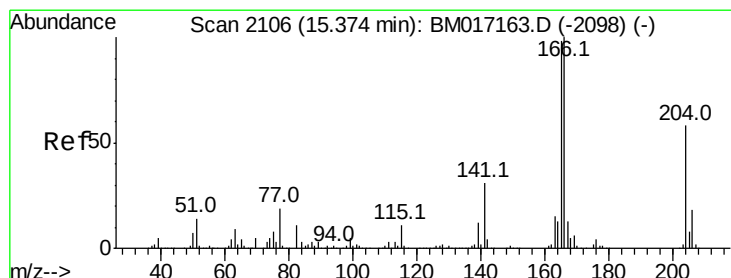
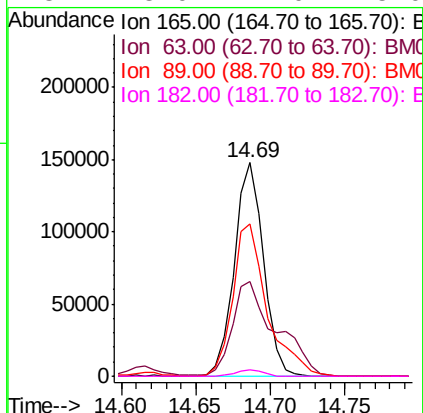
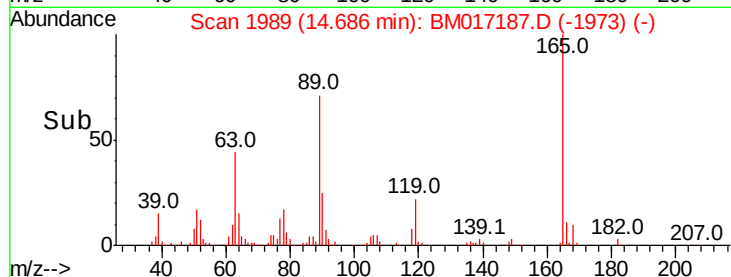
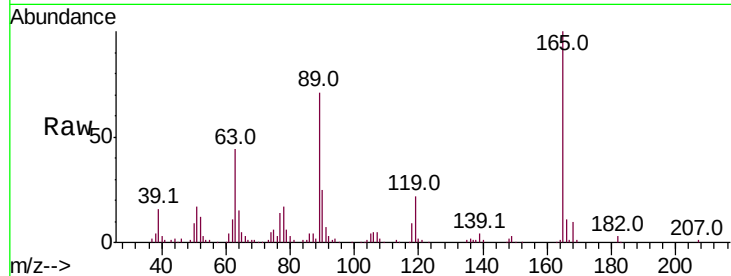
#57
2,4-Dinitrotoluene
Concen: 20.078 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
165	100	201389		
63	44.3		33.8	50.8
89	71.3		53.1	79.7
182	3.0		2.0	3.0

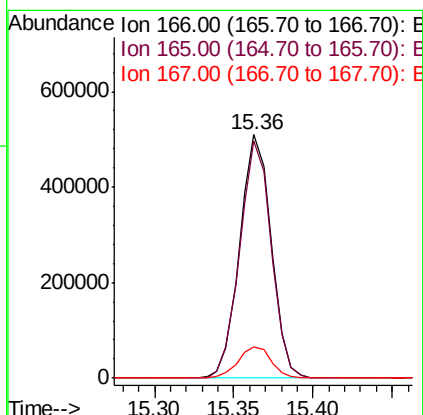
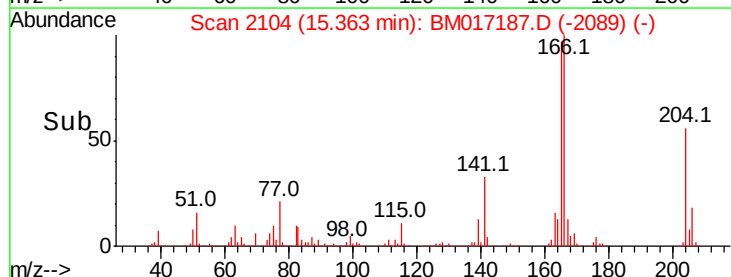
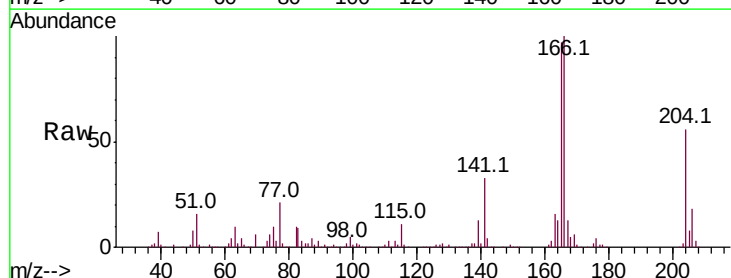
Manual Integrations
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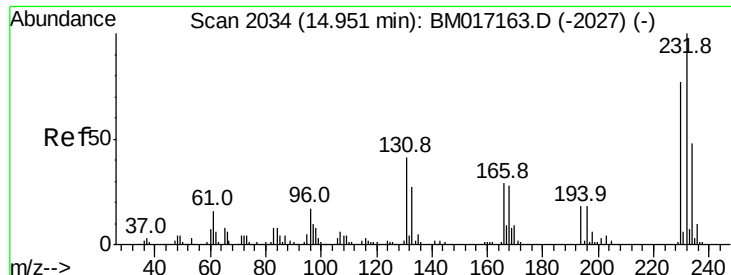
Sohil
10/18/2018 5:33:44 PM



#58
Fluorene
Concen: 21.604 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	704178		
165	97.5		78.1	117.1
167	12.9		10.6	16.0





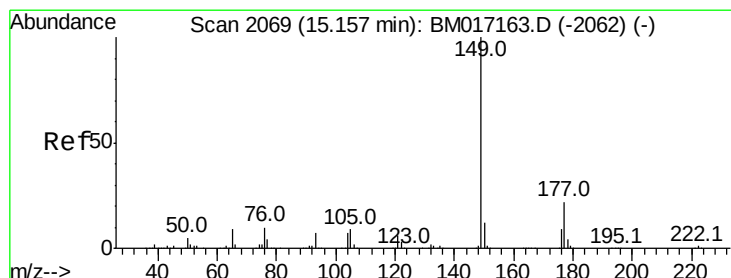
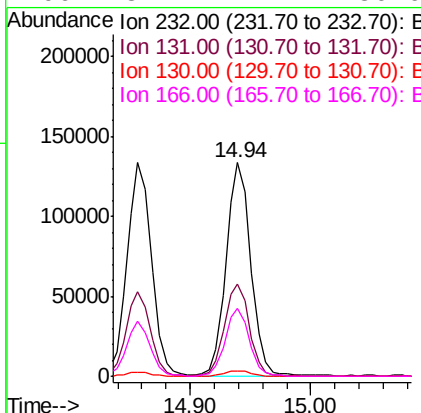
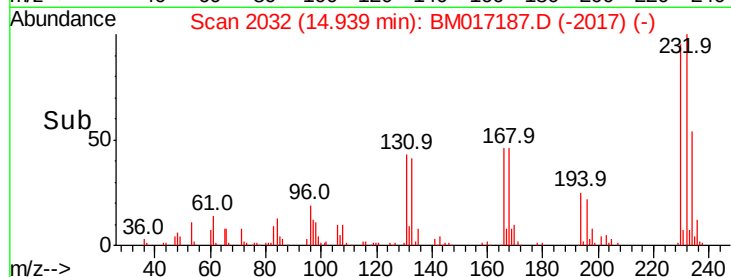
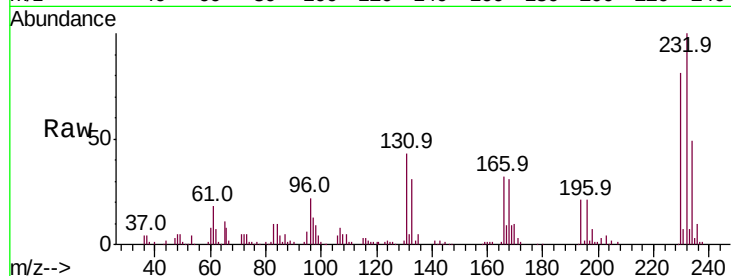
#59
2,3,4,6-Tetrachlorophenol
Concen: 21.457 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
232	100	188443		
131	44.3	33.1	49.7	
130	2.3	1.7	2.5	
166	31.1	24.4	36.6	

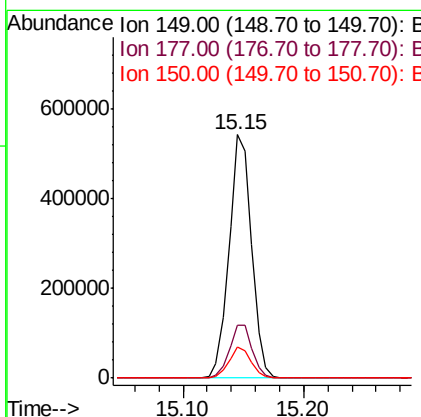
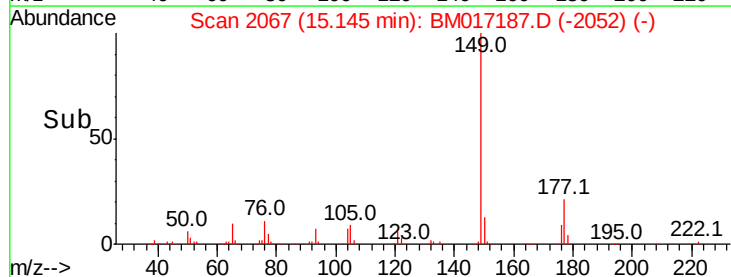
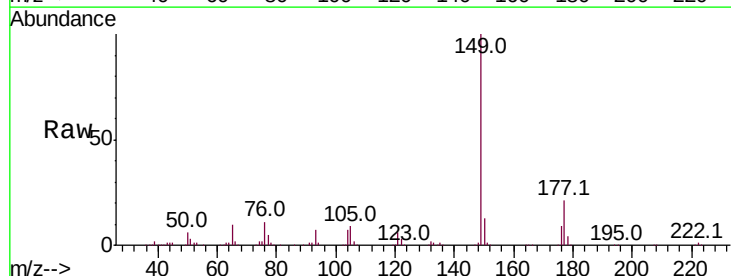
Manual Integrations
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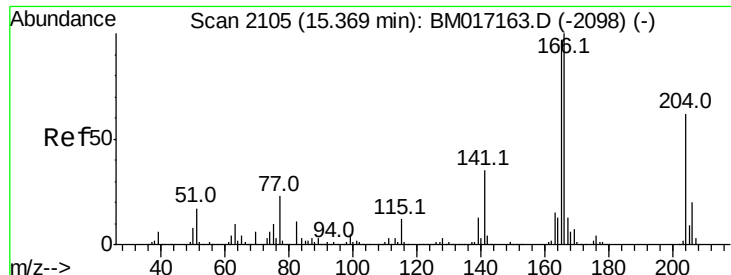
Sohil
10/18/2018 5:33:44 PM



#60
Diethylphthalate
Concen: 20.905 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	702955		
177	21.5	17.7	26.5	
150	12.6	10.0	15.0	





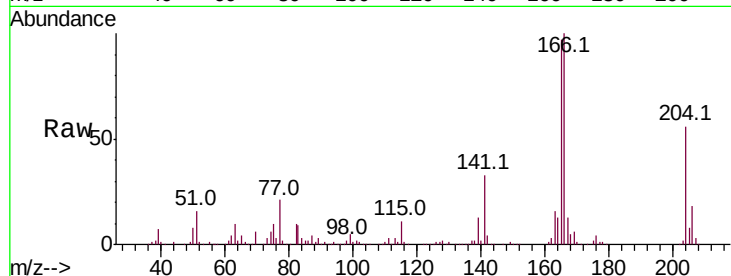
#61
4-Chlorophenyl-phenylether
Concen: 19.427 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
204	100	360990		
206	32.2	26.1	39.1	
141	59.2	45.4	68.2	

Manual Integrations
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10/18/2018 5:33:44 PM

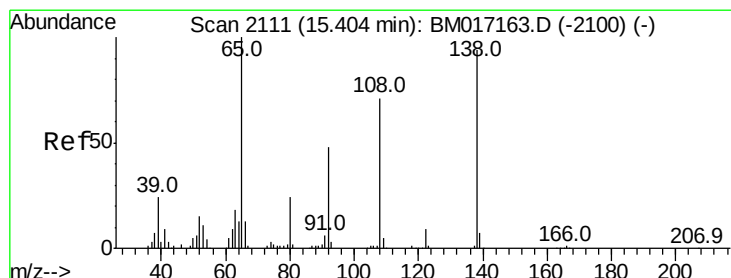
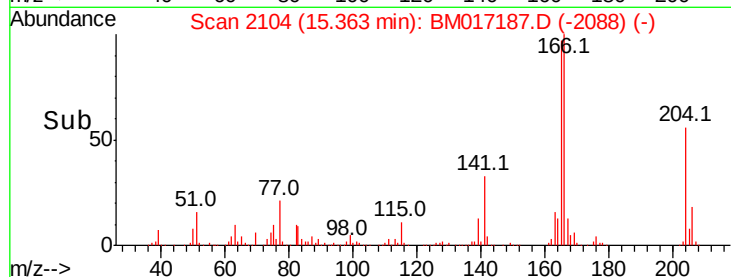
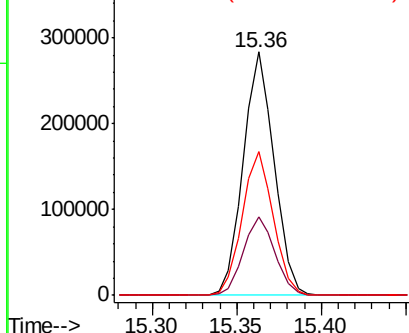


Abundance

Ion 204.00 (203.70 to 204.70): E

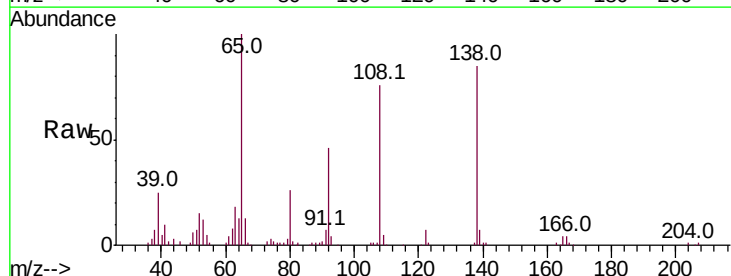
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 20.509 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	157729		
92	54.4	31.2	71.2	
108	90.1	55.5	95.5	

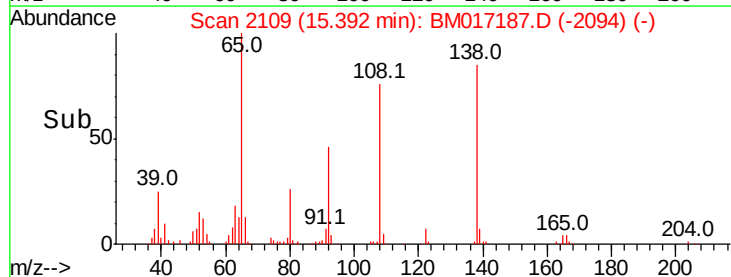
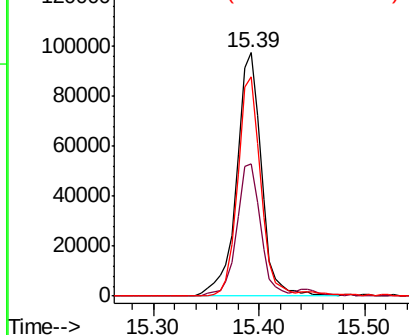


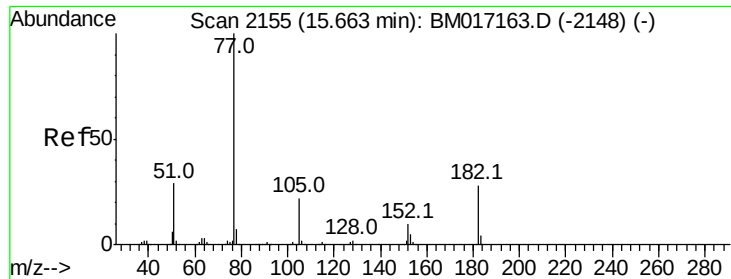
Abundance

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





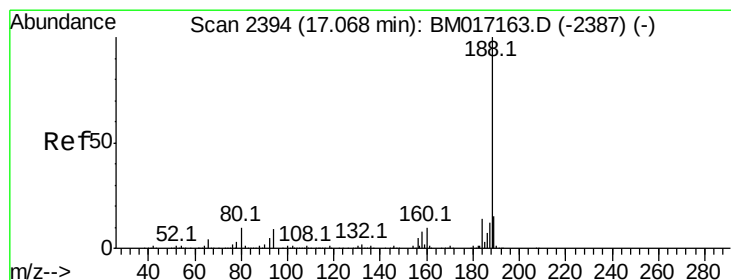
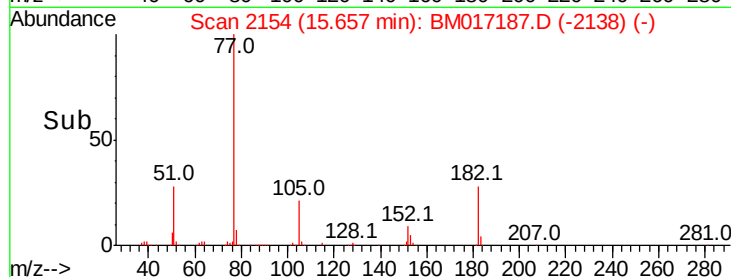
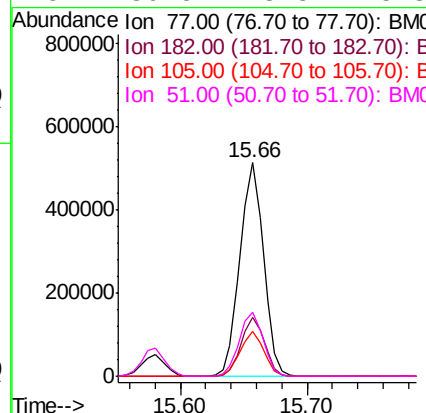
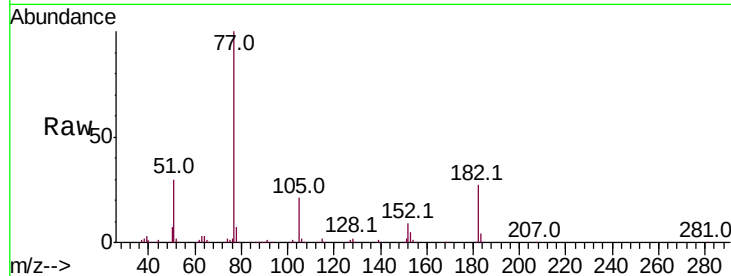
#63
Azobenzene
Concen: 20.144 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	8.3	48.3
105	20.7	1.5	41.5
51	30.3	8.8	48.8

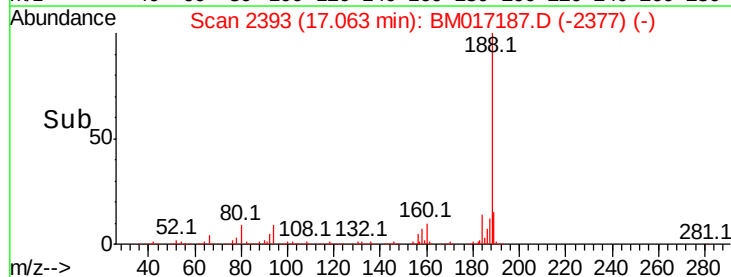
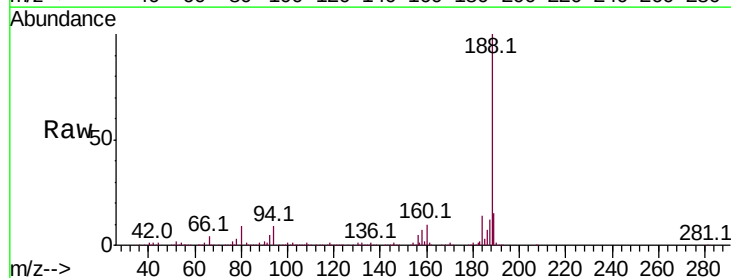
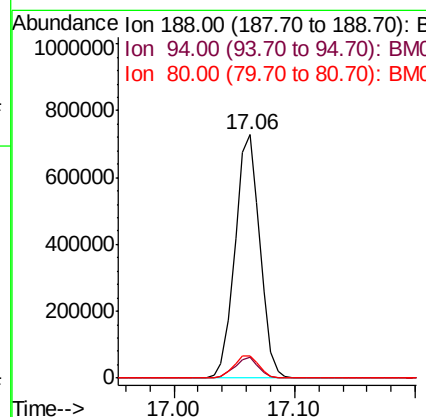
Manual Integrations
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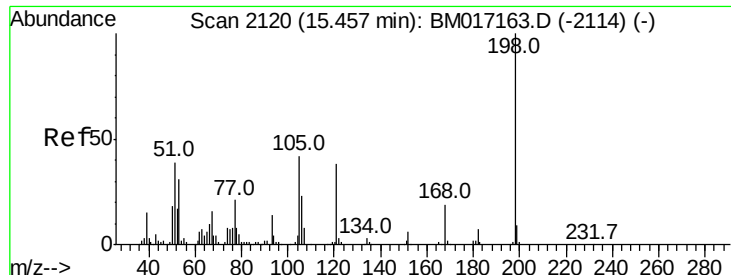
Sohil
10/18/2018 5:33:44 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	9.2	7.7	11.5





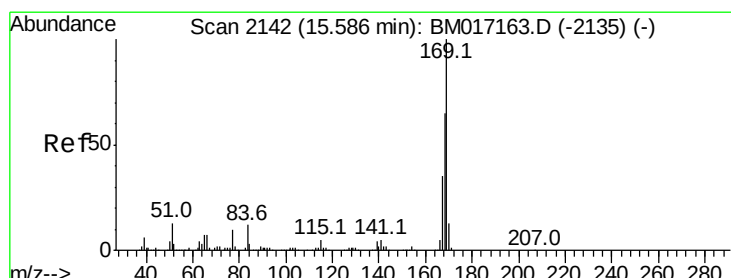
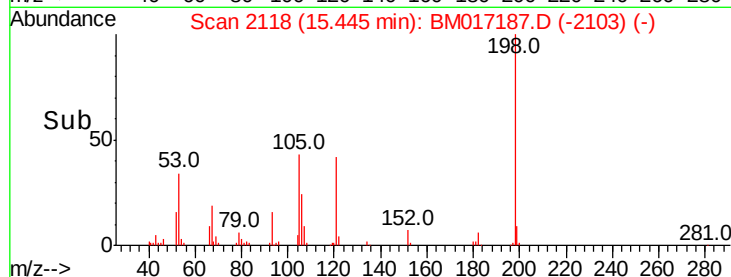
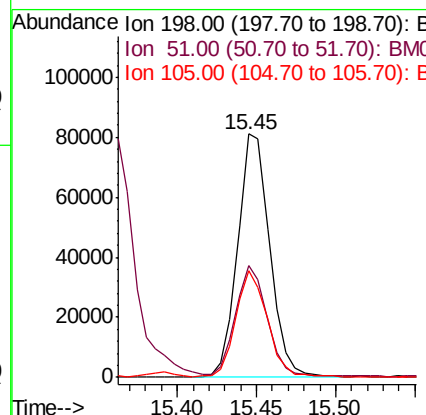
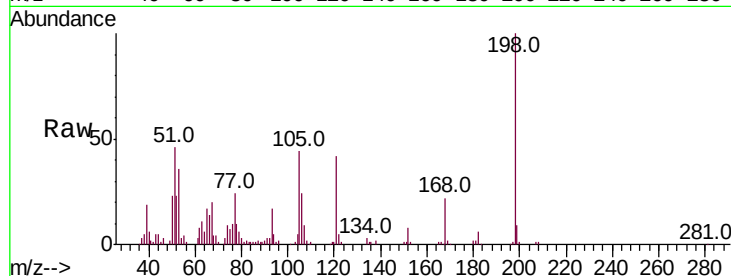
#65
4,6-Dinitro-2-methylphenol
Concen: 21.620 ng
RT: 15.45 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
198	100	114108		
51	45.8	20.3	60.3	
105	43.8	21.9	61.9	

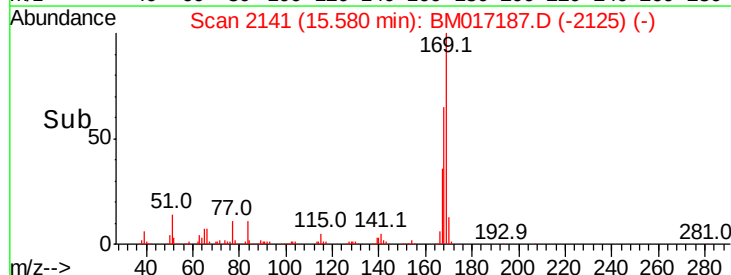
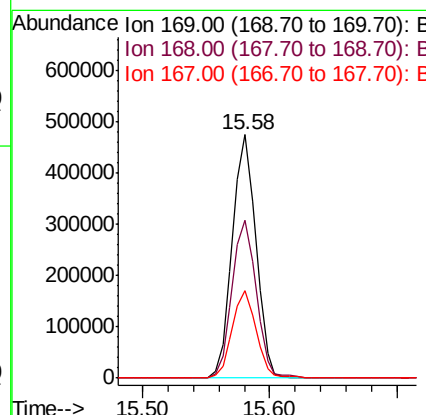
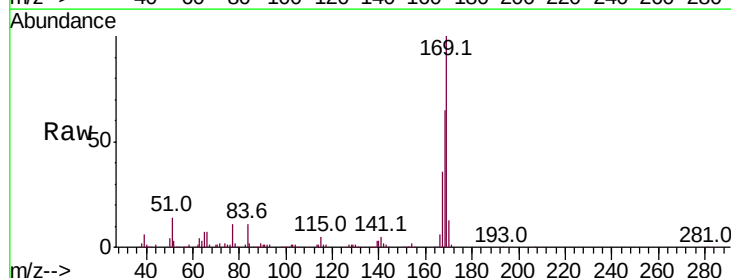
Manual Integrations
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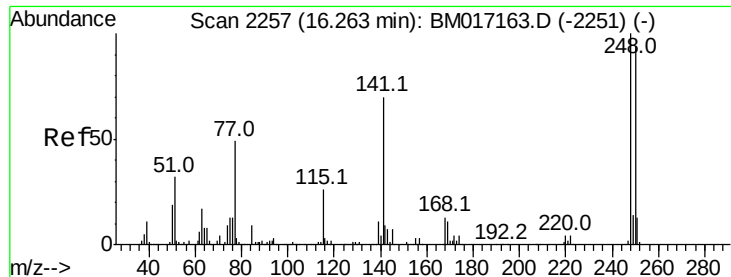
Sohil
10/18/2018 5:33:44 PM



#66
n-Nitrosodiphenylamine
Concen: 19.521 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	613202		
168	64.7	52.2	78.4	
167	36.0	28.4	42.6	





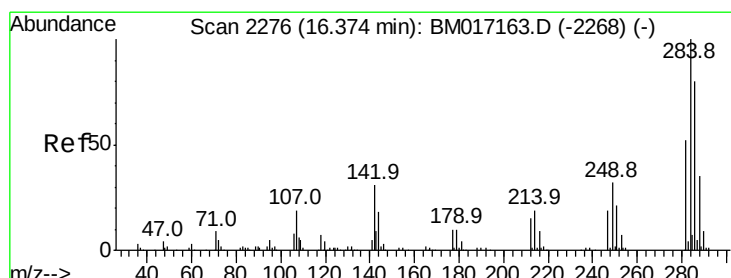
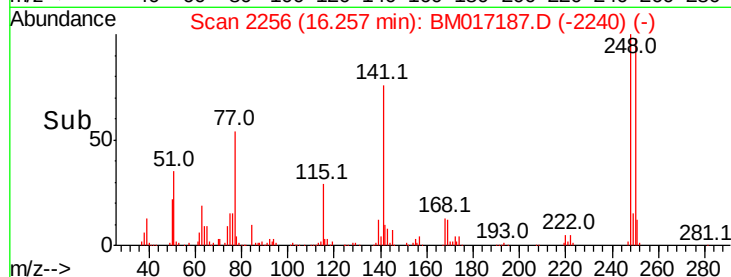
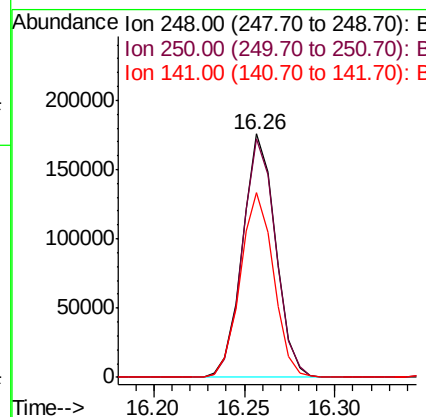
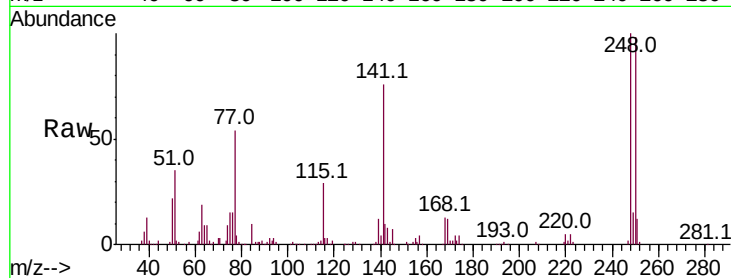
#67
4-Bromophenyl-phenylether
Concen: 19.559 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	75.1	112.7
141	75.8	55.6	83.4

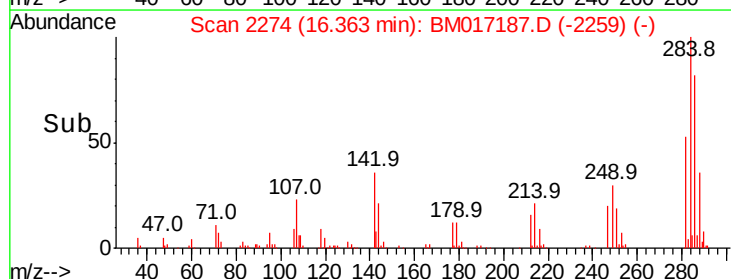
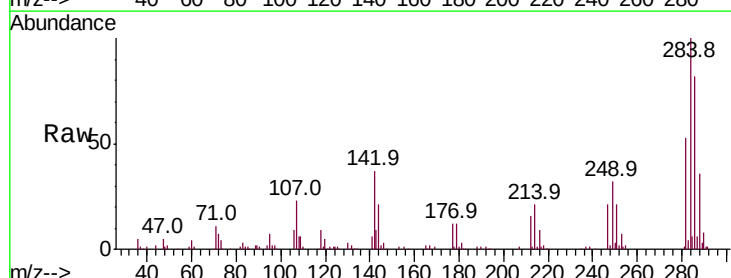
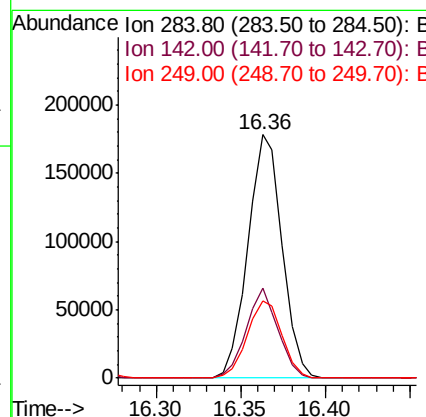
Manual Integrations
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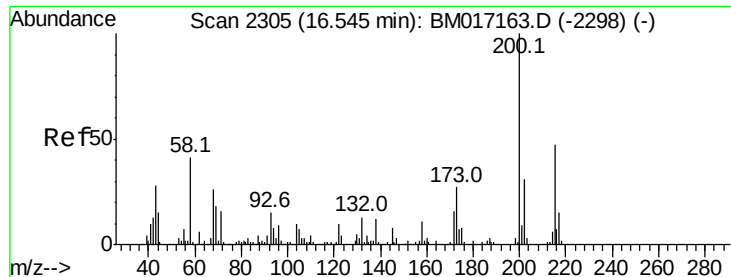
Sohil
10/18/2018 5:33:44 PM



#68
Hexachlorobenzene
Concen: 18.984 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	25.0	37.6
249	31.7	25.5	38.3





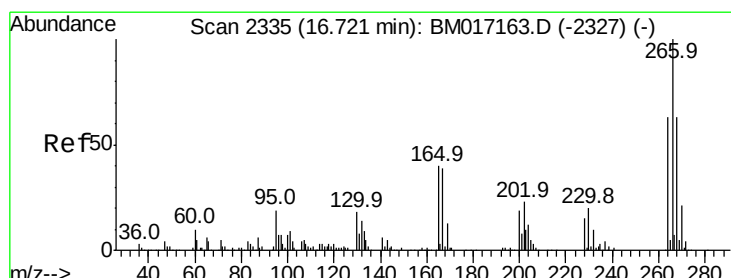
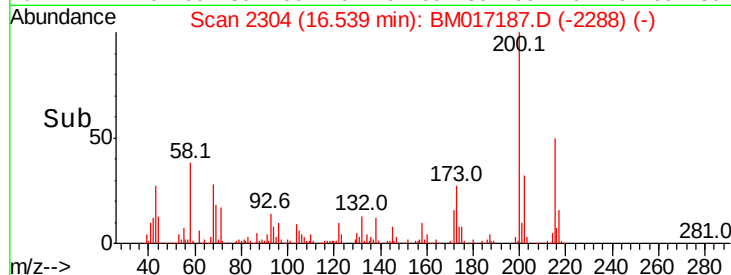
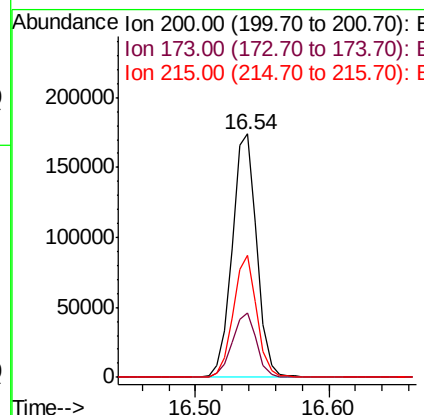
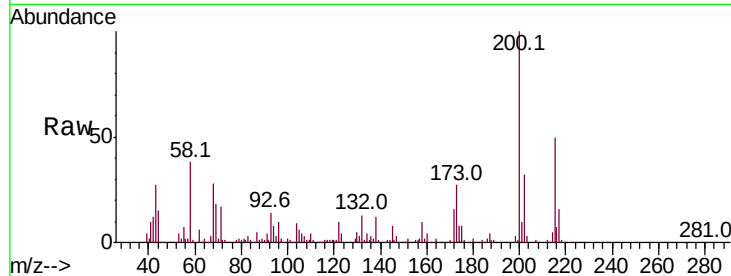
#69
Atrazine
Concen: 20.076 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
200	100	225715		
173	26.5	7.0	47.0	
215	50.2	27.3	67.3	

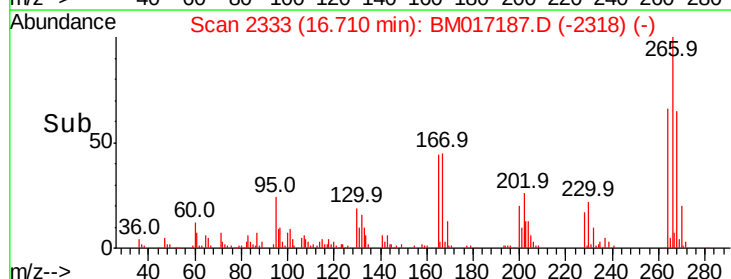
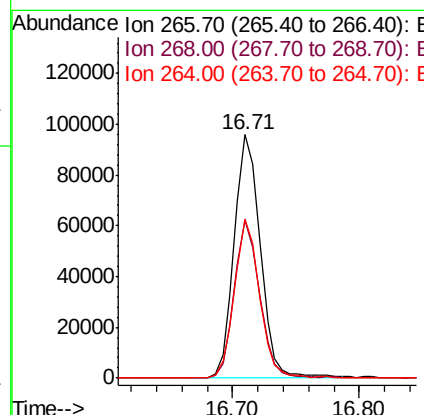
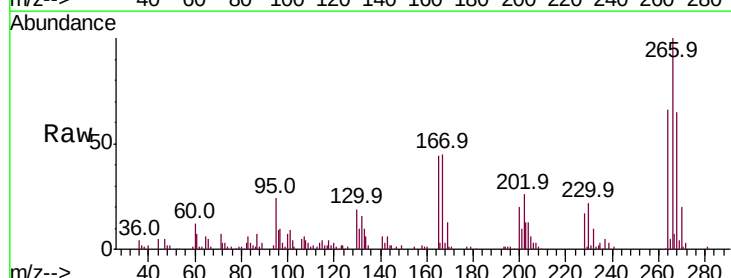
Manual Integrations
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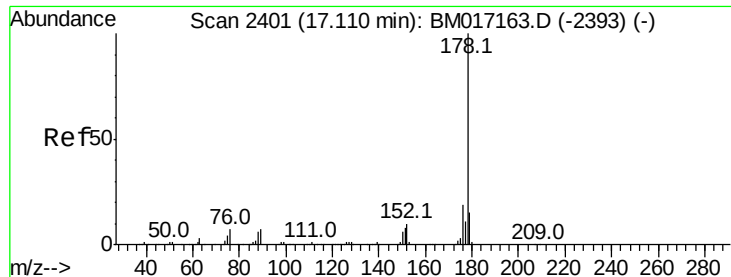
Sohil
10/18/2018 5:33:44 PM



#70
Pentachlorophenol
Concen: 15.095 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	136934		
268	64.7	50.7	76.1	
264	65.6	50.4	75.6	





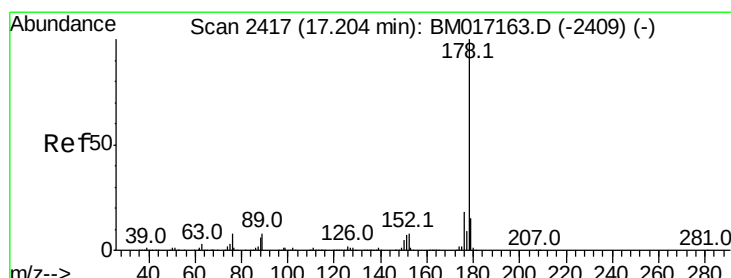
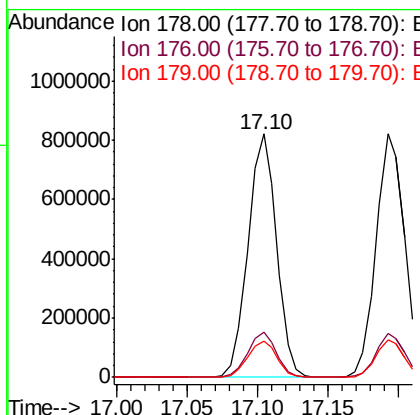
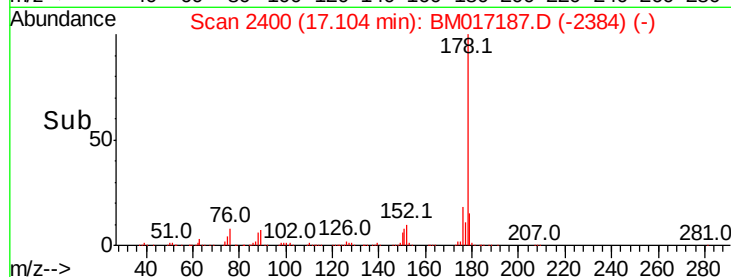
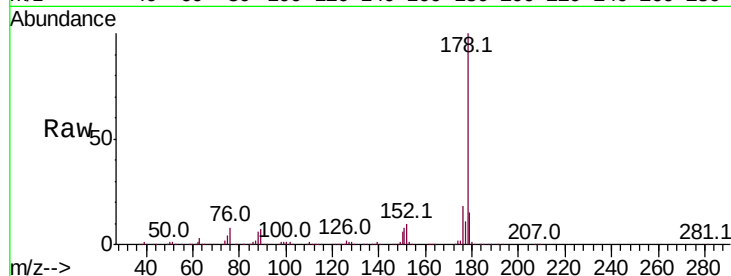
#71
Phenanthrene
Concen: 20.779 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion:178 Resp: 1164019
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.1 12.3 18.5

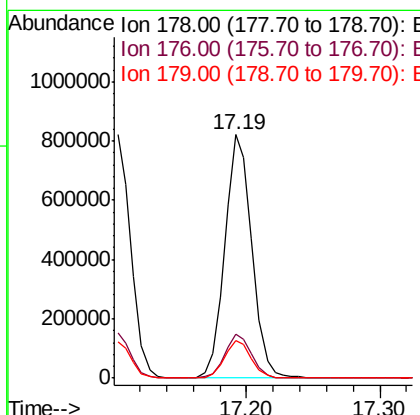
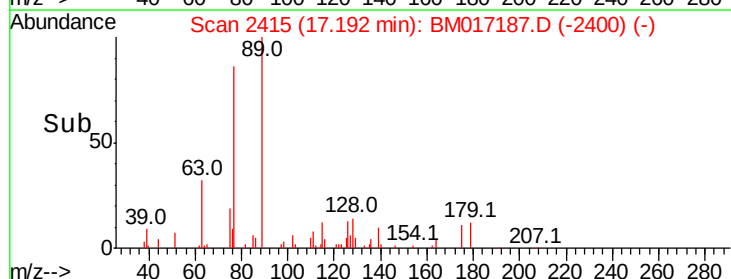
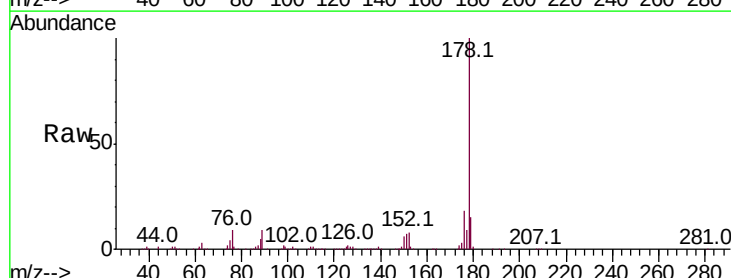
Manual Integrations
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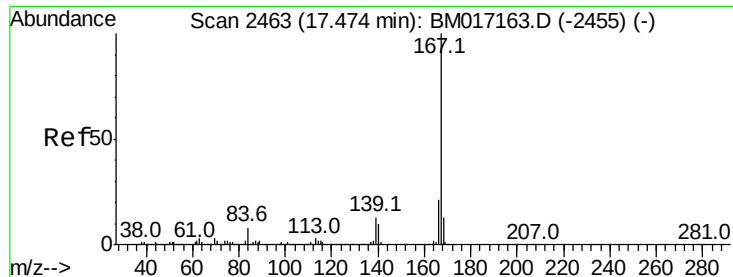
Sohil
10/18/2018 5:33:44 PM



#72
Anthracene
Concen: 21.882 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion:178 Resp: 1164735
Ion Ratio Lower Upper
178 100
176 17.8 14.5 21.7
179 15.3 12.2 18.2





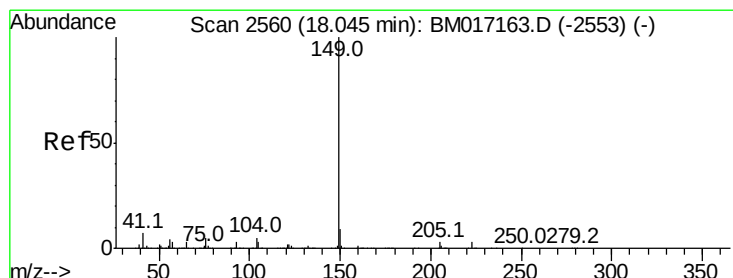
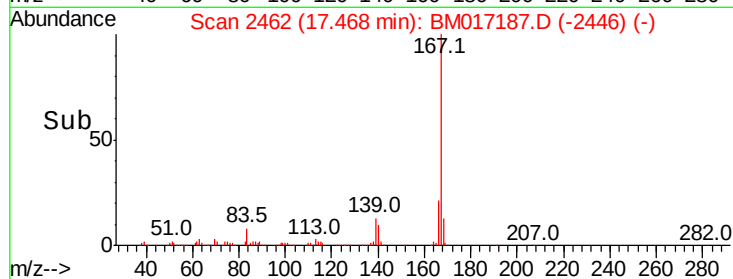
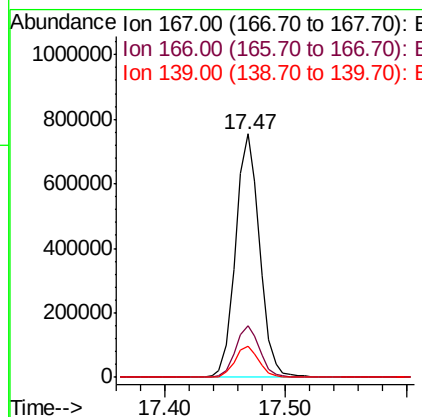
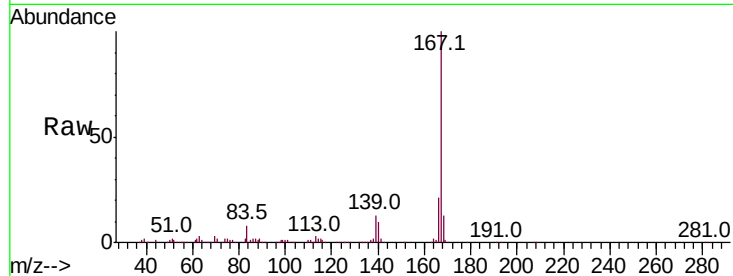
#73
 Carbazole
 Concen: 19.330 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017187.D
 Acq: 18 Oct 2018 11:33

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.7	10.1	15.1

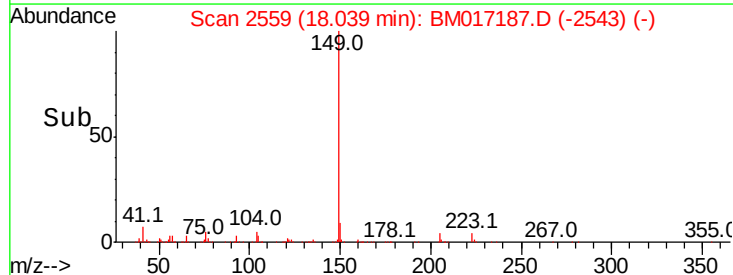
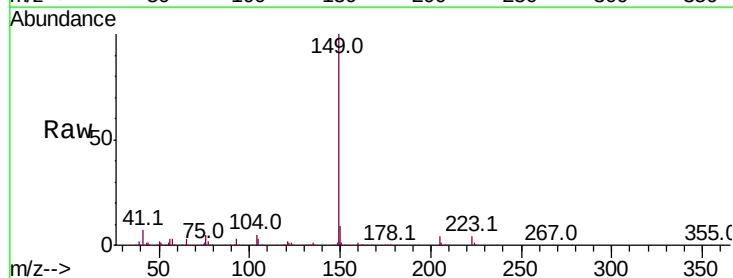
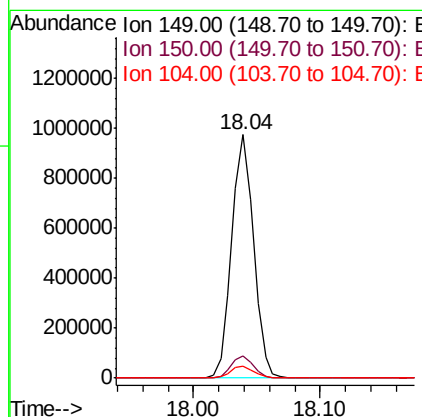
Manual Integrations
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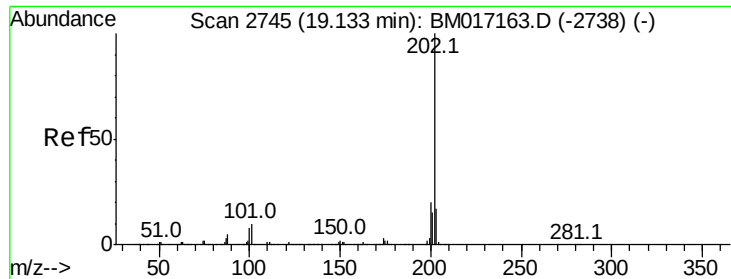
Sohil
 10/18/2018 5:33:44 PM



#74
 Di-n-butylphthalate
 Concen: 20.254 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.00 min
 Lab File: BM017187.D
 Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 22.104 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

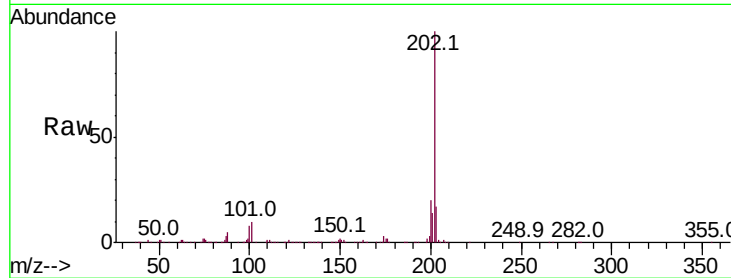
ClientSampleId :

LOQ-WATER-02-QT4-2018

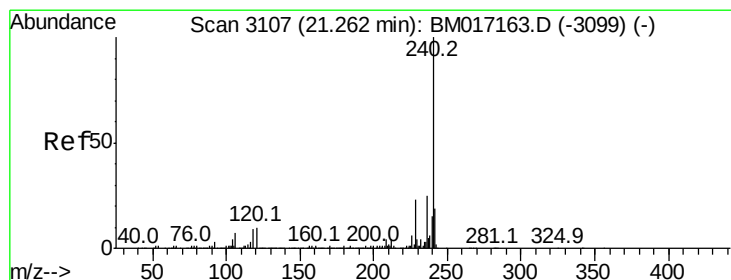
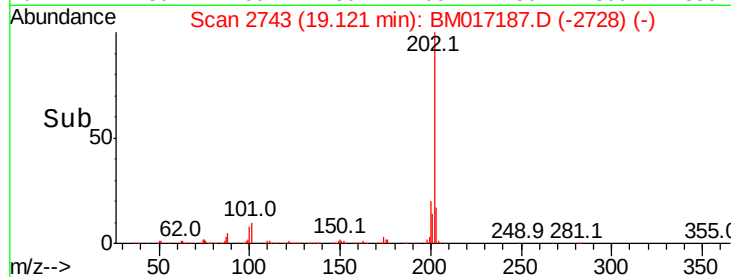
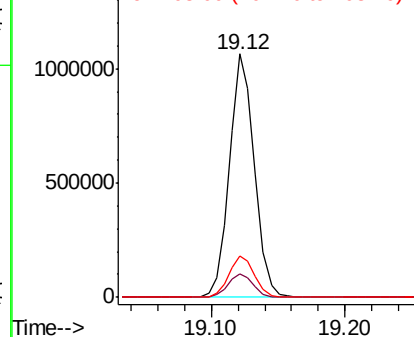
Tot Ion:	202	Resp:	1393319
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.0
203	17.2	0.0	37.2

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

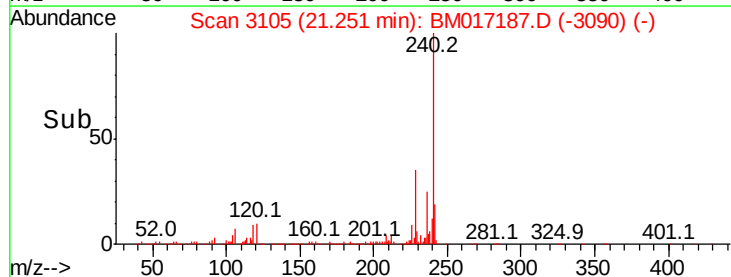
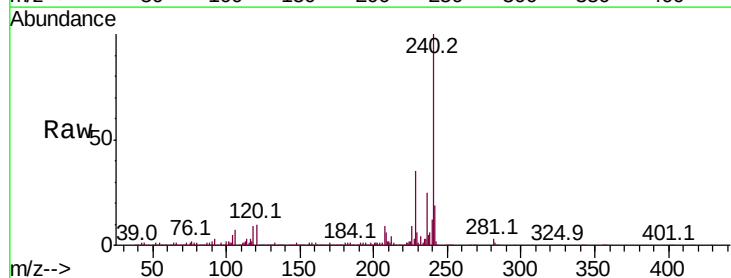
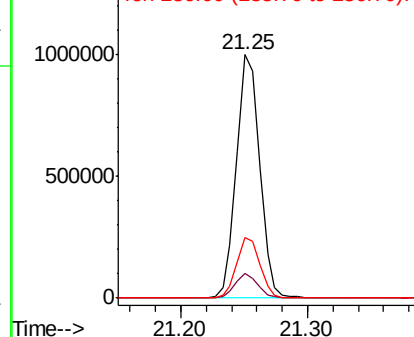
Delta R.T. -0.01 min

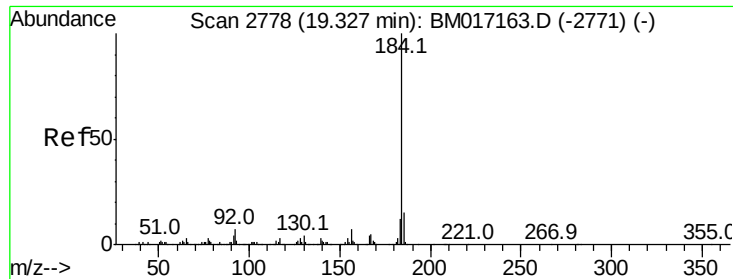
Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tgt Ion:	240	Resp:	1264182
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.1	12.1
236	24.6	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: 11.766 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

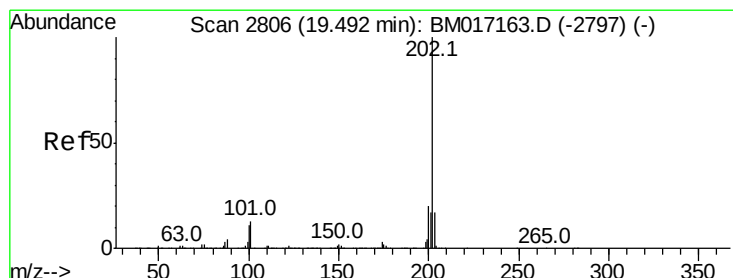
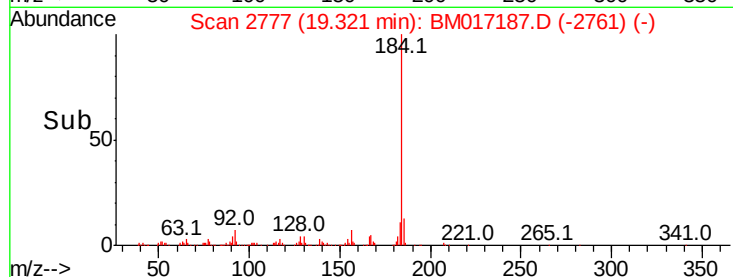
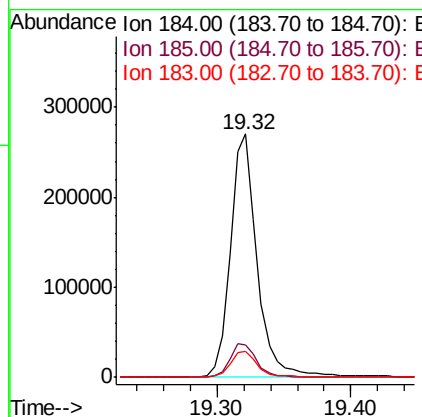
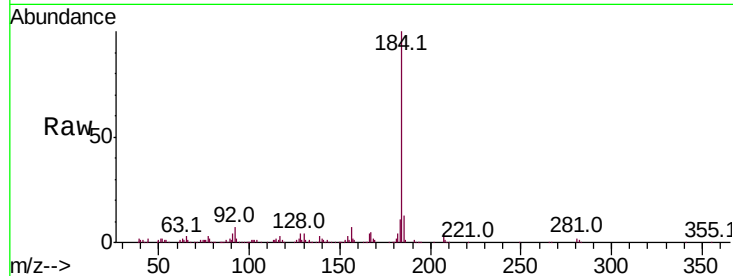
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:	184	Resp:	377160
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.8	17.8
183	10.6	9.7	14.5

Manual Integrations
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#78

Pyrene

Concen: 20.372 ng

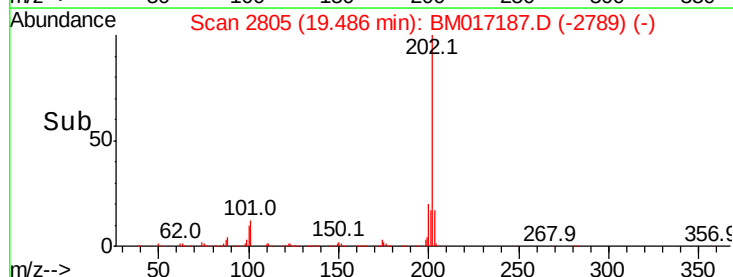
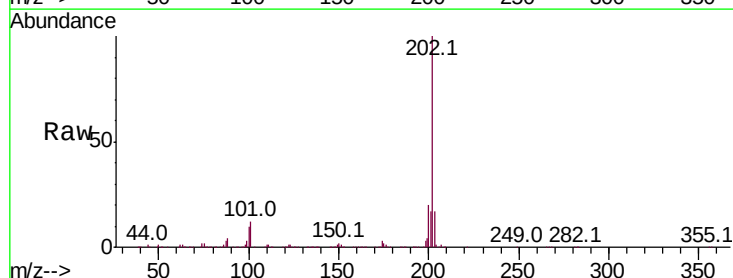
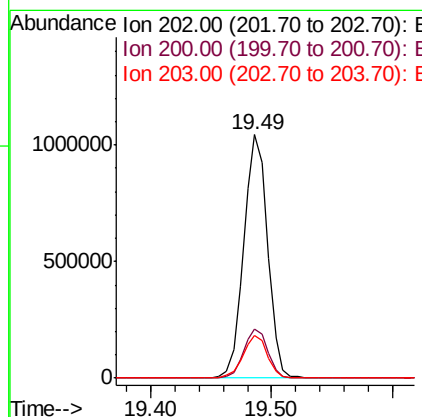
RT: 19.49 min Scan# 2805

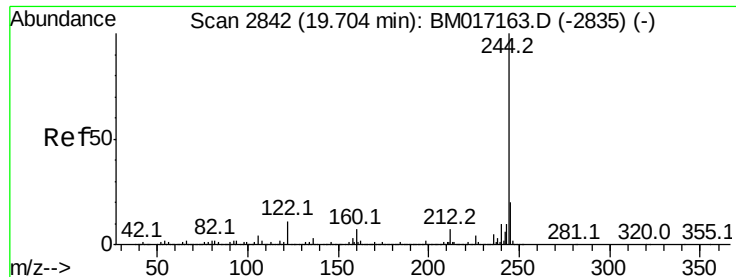
Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Tgt Ion:	202	Resp:	1439423
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.3	24.5
203	17.4	13.9	20.9





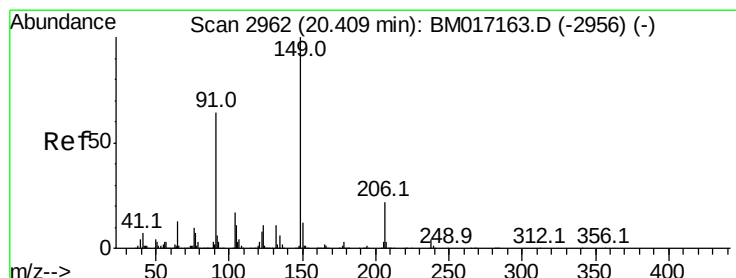
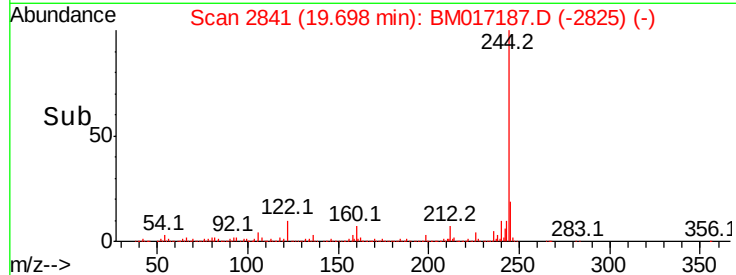
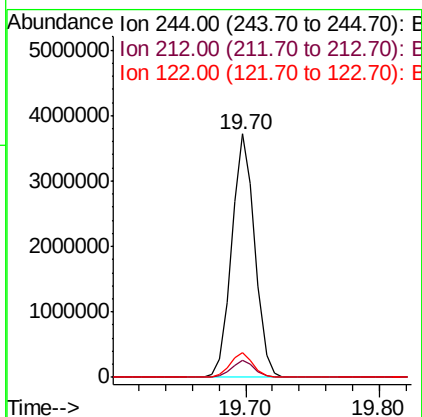
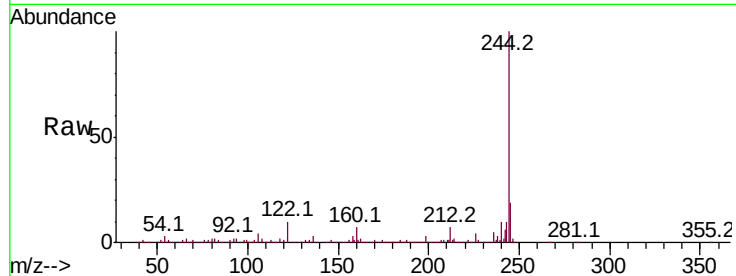
#79
 Terphenyl-d14
 Concen: 79.716 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017187.D
 Acq: 18 Oct 2018 11:33

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tot Ion:244 Resp: 4470934
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.2 8.4 12.6

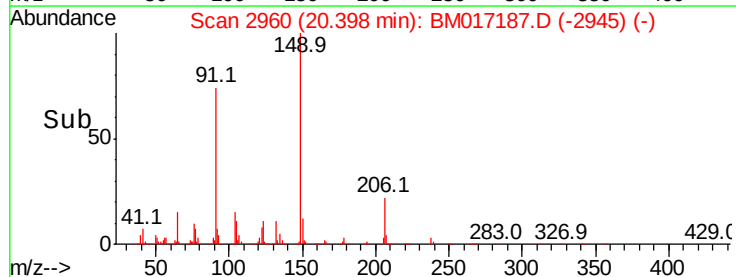
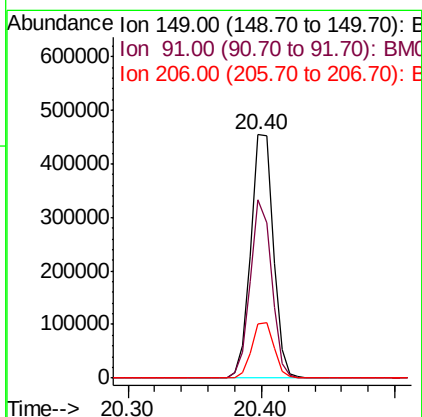
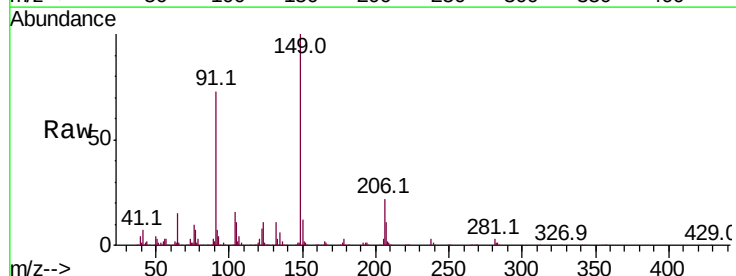
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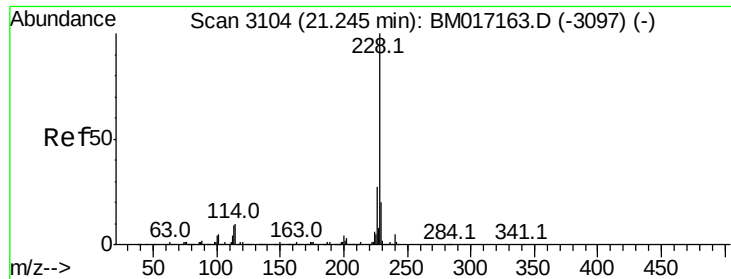
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#80
 Butylbenzylphthalate
 Concen: 23.796 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017187.D
 Acq: 18 Oct 2018 11:33

Tgt Ion:149 Resp: 525407
 Ion Ratio Lower Upper
 149 100
 91 73.4 51.3 76.9
 206 22.2 18.0 27.0





#81

Benzo(a)anthracene

Concen: 21.413 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:228 Resp: 1523367

Ion Ratio Lower Upper

228 100

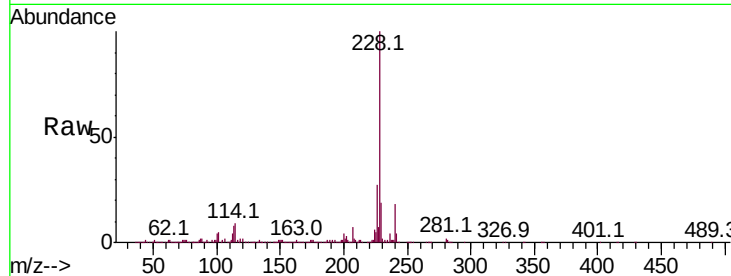
226 26.6 21.4 32.0

229 19.4 15.9 23.9

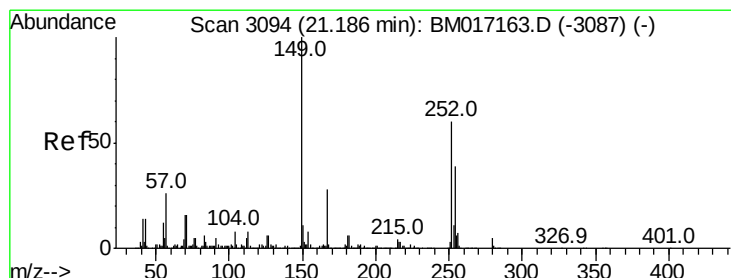
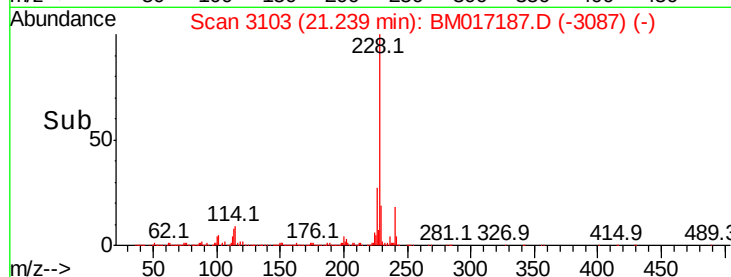
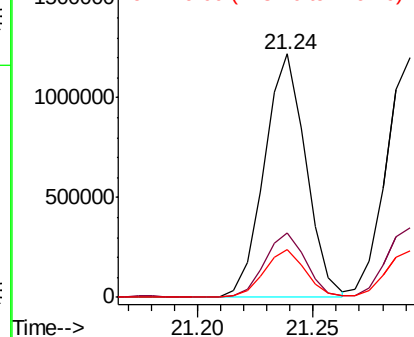
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 13.429 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

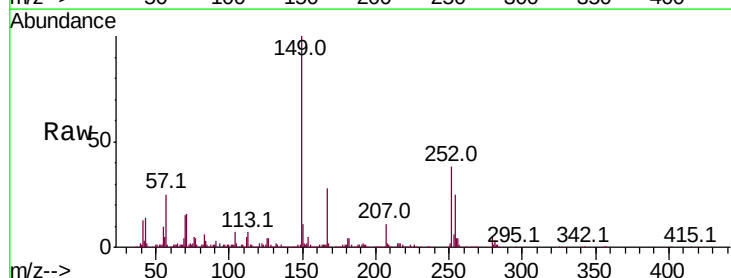
Tgt Ion:252 Resp: 356058

Ion Ratio Lower Upper

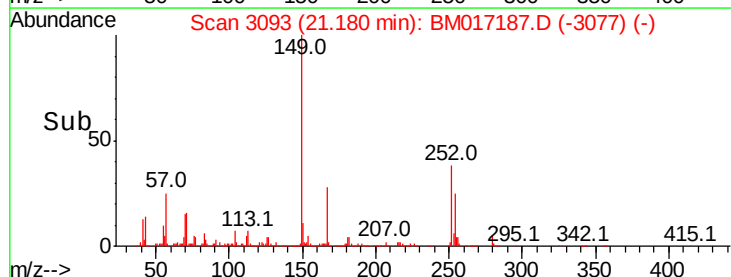
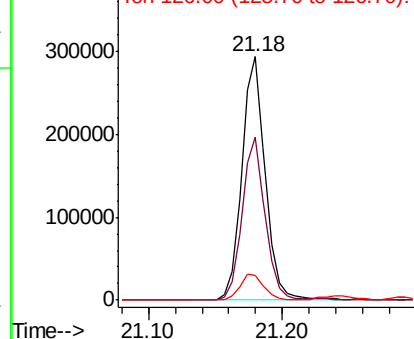
252 100

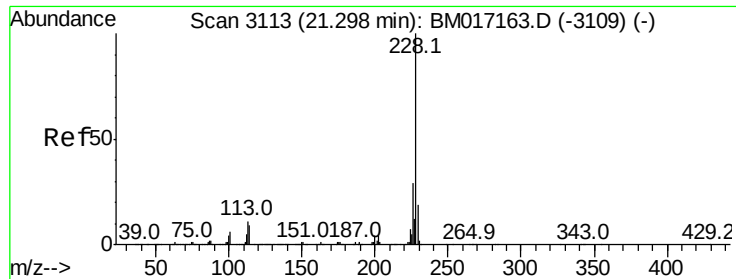
254 67.0 52.1 78.1

126 10.3 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





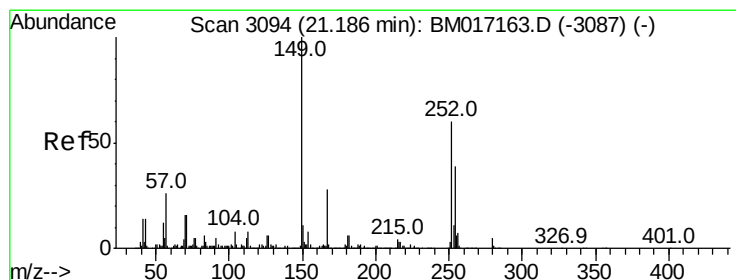
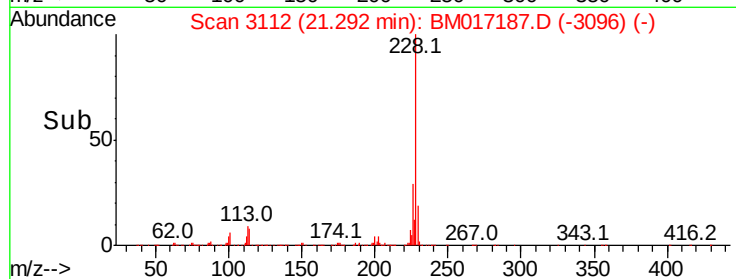
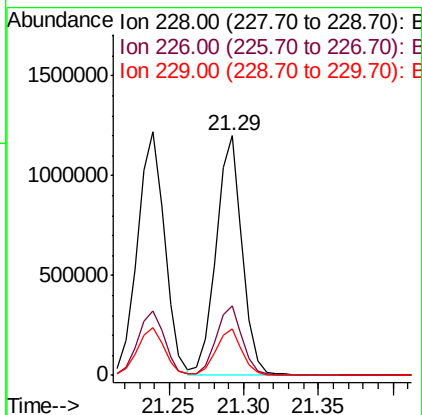
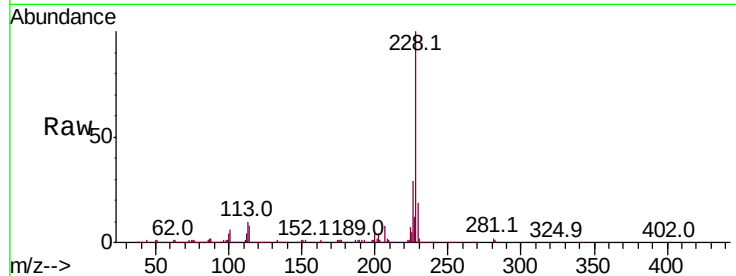
#83
Chrysene
Concen: 20.830 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion:228 Resp: 1466773
Ion Ratio Lower Upper
228 100
226 28.9 23.3 34.9
229 19.3 15.6 23.4

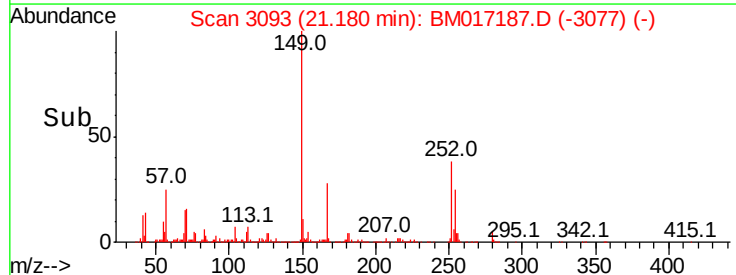
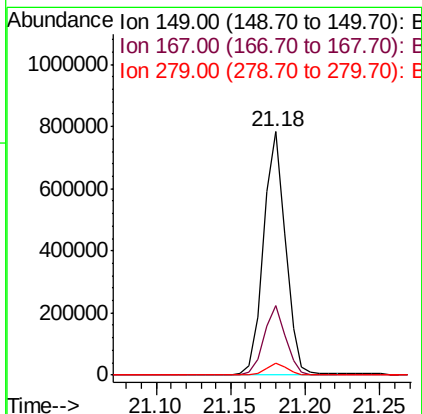
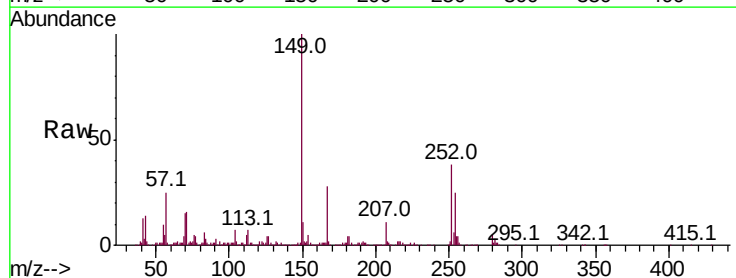
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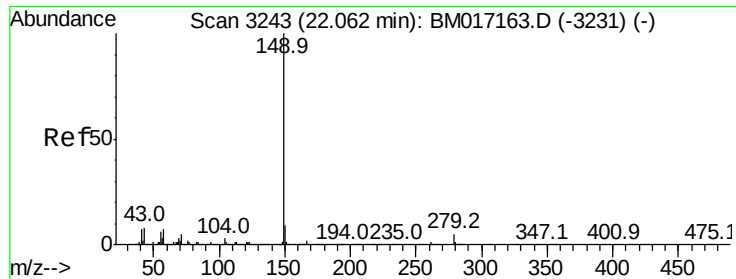
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 22.370 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion:149 Resp: 789135
Ion Ratio Lower Upper
149 100
167 28.4 22.2 33.4
279 4.8 3.6 5.4





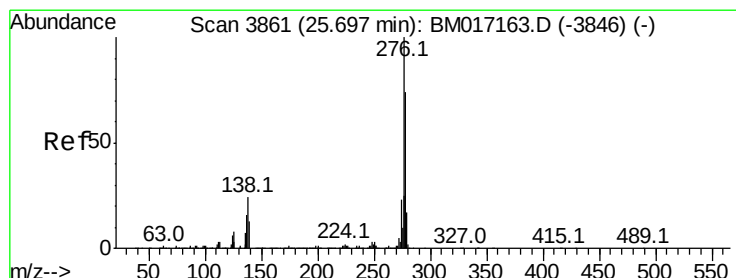
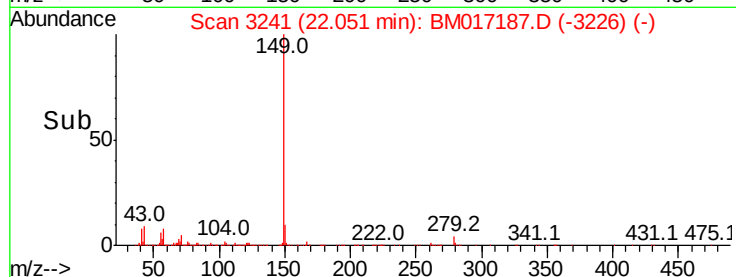
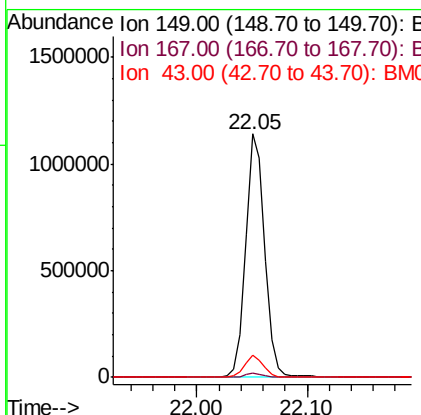
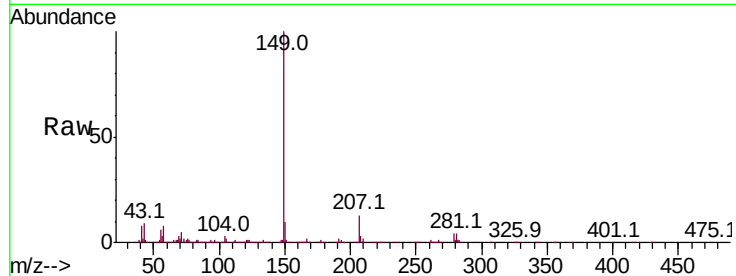
#85
Di-n-octyl phthalate
Concen: 22.923 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.0	7.2	10.8

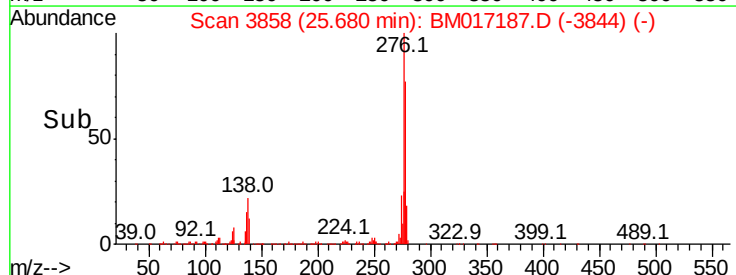
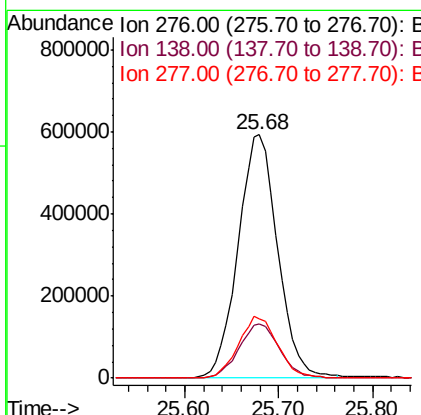
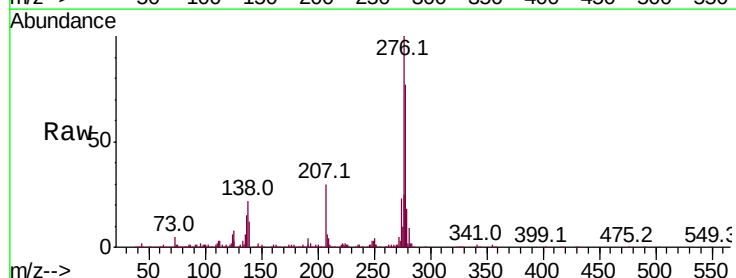
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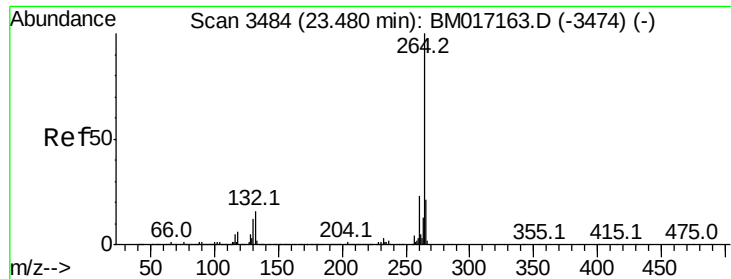
Sohil
10/18/2018 5:33:44 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 21.999 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.5	29.3
277	25.1	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2018

Tot Ion:264 Resp: 1309350

Ion Ratio Lower Upper

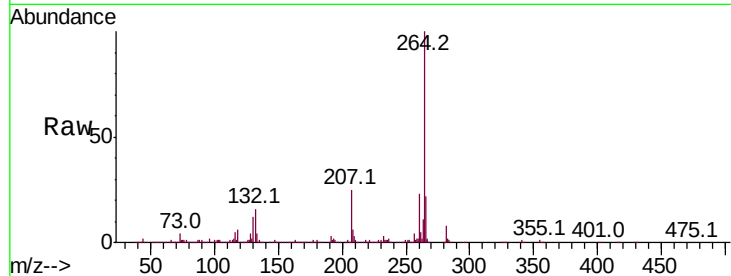
264 100

260 23.1 18.6 27.8

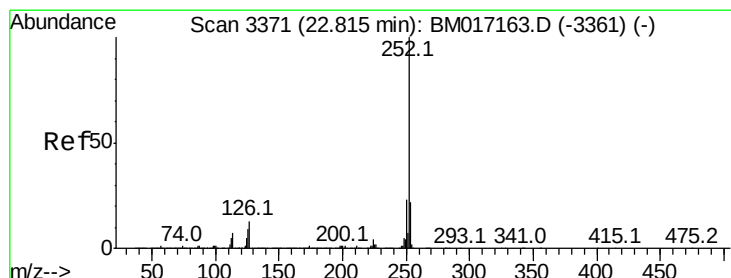
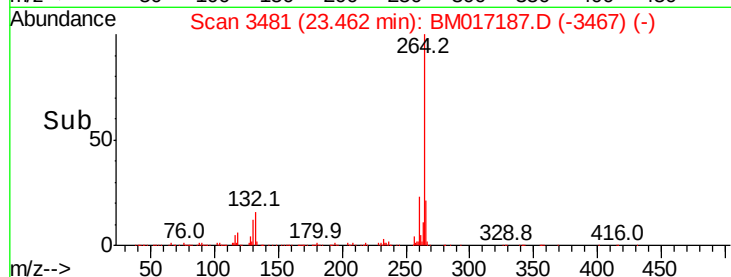
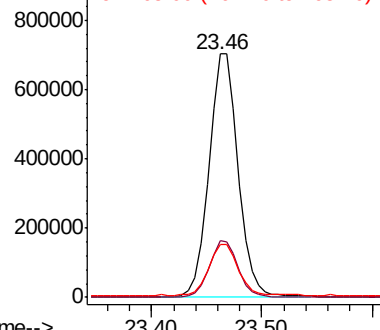
265 22.0 17.8 26.8

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



#88

Benzo(b)fluoranthene

Concen: 21.935 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017187.D

Acq: 18 Oct 2018 11:33

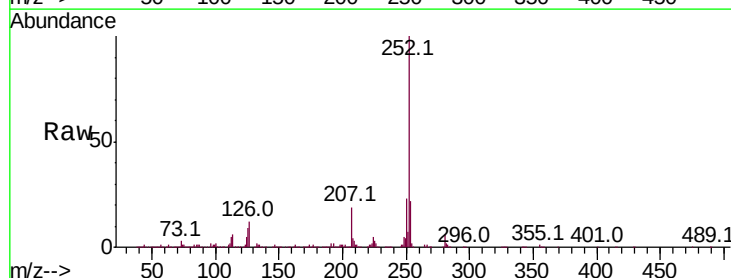
Tgt Ion:252 Resp: 1570267

Ion Ratio Lower Upper

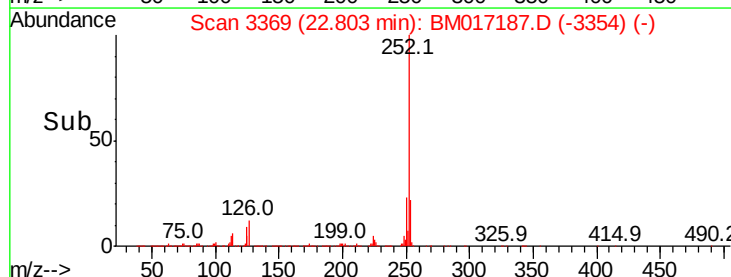
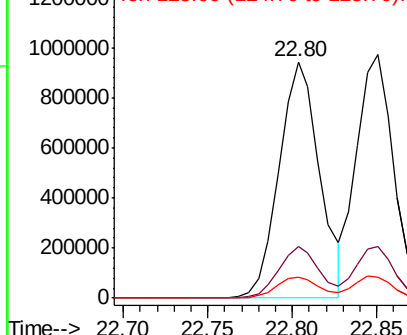
252 100

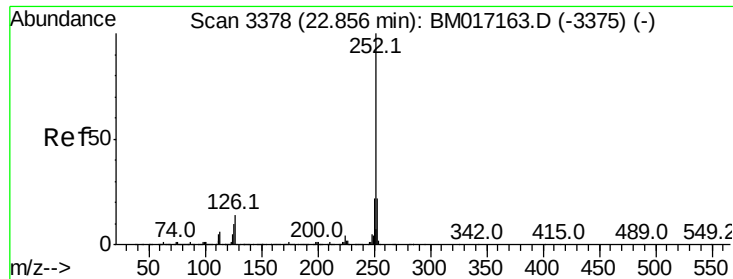
253 21.8 17.4 26.2

125 9.1 7.5 11.3



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





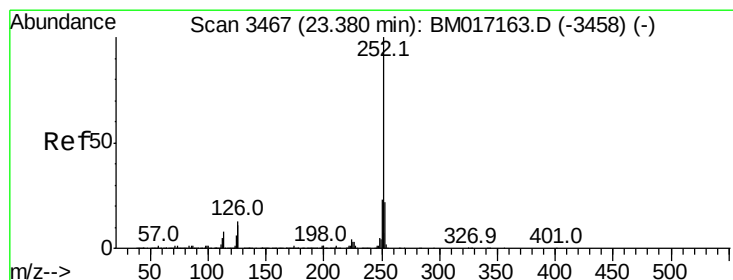
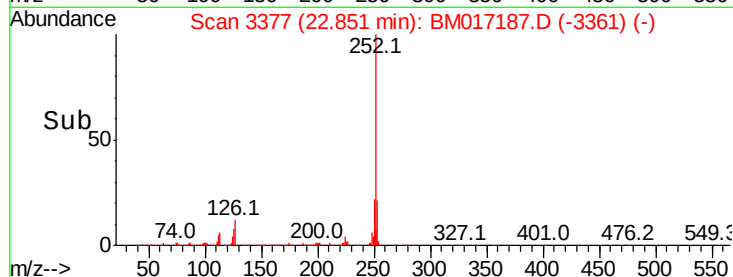
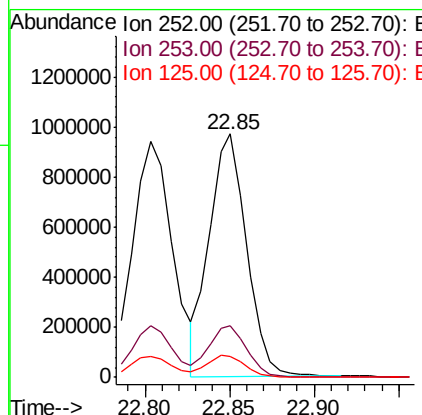
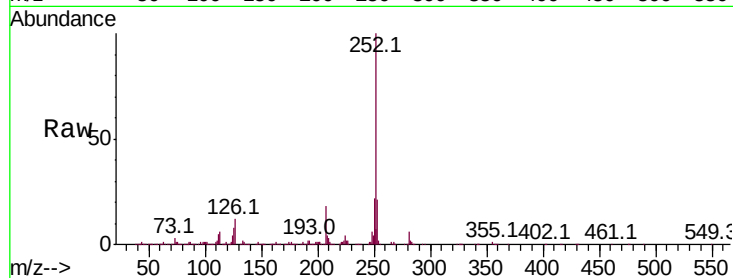
#89
Benzo(k)fluoranthene
Concen: 20.672 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	8.5	8.2	12.2

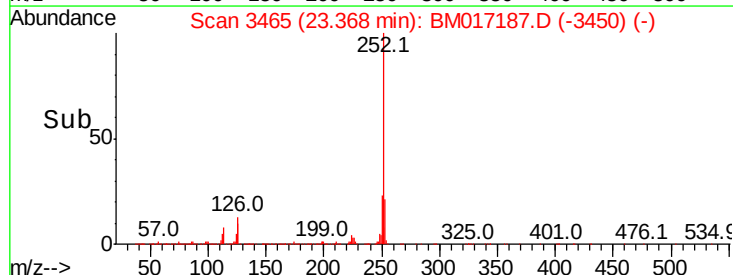
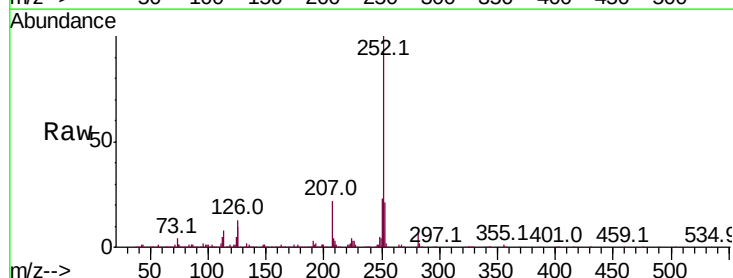
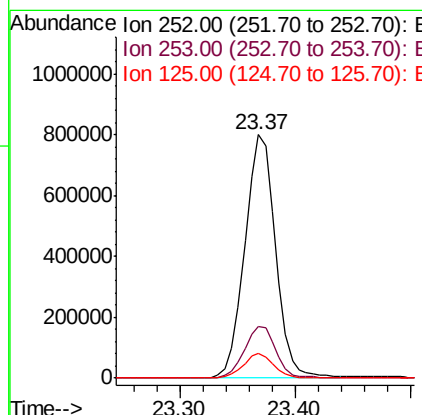
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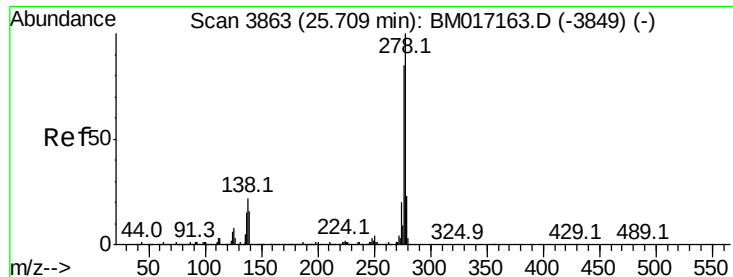
Sohil
10/18/2018 5:33:44 PM



#90
Benzo(a)pyrene
Concen: 21.675 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	10.1	8.6	13.0





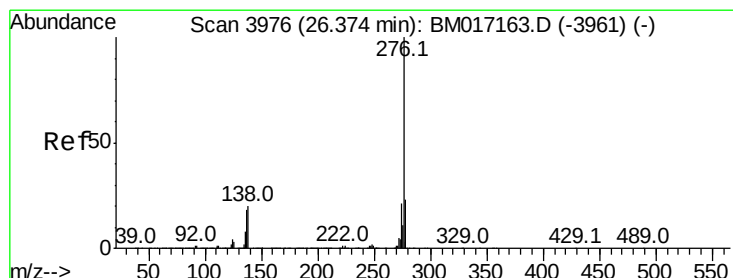
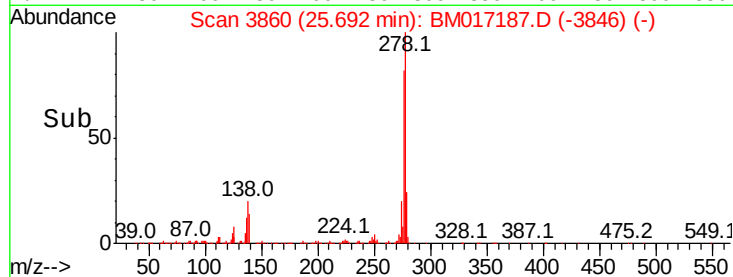
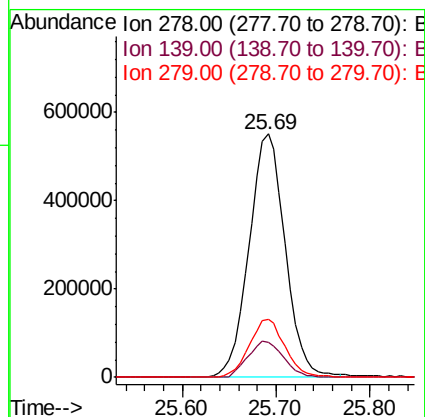
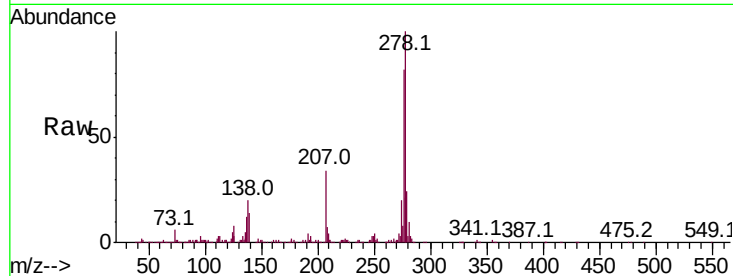
#91
Dibenzo(a,h)anthracene
Concen: 21.716 ng
RT: 25.69 min Scan# 3860
Delta R.T. -0.02 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.7	19.1
279	23.8	18.7	28.1

Manual Integrations
APPROVED

Sohil
10/18/2018 5:33:44 PM



#92
Benzo(g,h,i)perylene
Concen: 21.580 ng
RT: 26.35 min Scan# 3972
Delta R.T. -0.02 min
Lab File: BM017187.D
Acq: 18 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	19.1	16.4	24.6

