

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017238.D
 Acq On : 19 Oct 2018 20:05
 Operator : MJ/SJ
 Sample : PB113946BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113946BS

Manual Integrations
 APPROVED

Sohil
 10/22/2018 1:09:24 PM

Quant Time: Oct 20 04:27:58 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	312021	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1355249	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	779438	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1607819	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1275172	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1034424	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2651881	143.75	ng	0.00
7) Phenol-d6	6.86	99	3452837	137.42	ng	0.00
23) Nitrobenzene-d5	8.82	82	1919139	82.82	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1360416	129.06	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4757604	81.21	ng	0.00
79) Terphenyl-d14	19.69	244	4316468	76.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	282380	29.975	ng	# 86
3) Pyridine	3.65	79	802925	37.043	ng	# 83
4) n-Nitrosodimethylamine	3.56	42	391197	44.957	ng	# 69
6) Aniline	7.01	93	1215209	38.668	ng	96
8) 2-Chlorophenol	7.24	128	963695	45.154	ng	97
9) Benzaldehyde	6.82	77	428650	26.757	ng	95
10) Phenol	6.88	94	1178669	43.588	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	845465	39.221	ng	99
12) 1,3-Dichlorobenzene	7.56	146	993531	39.934	ng	98
13) 1,4-Dichlorobenzene	7.70	146	1012330	39.826	ng	98
14) 1,2-Dichlorobenzene	8.02	146	971849	39.683	ng	99
15) Benzyl Alcohol	7.91	79	840706	45.777	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1168980	38.816	ng	99
17) 2-Methylphenol	8.11	107	801130	46.157	ng	98
18) Hexachloroethane	8.73	117	364380	41.888	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	696004	42.070	ng	99
20) 3+4-Methylphenols	8.44	107	1083879	45.658	ng	98
22) Acetophenone	8.49	105	1399064	40.725	ng	# 98
24) Nitrobenzene	8.86	77	1036199	42.275	ng	95
25) Isophorone	9.39	82	1818898	47.535	ng	98
26) 2-Nitrophenol	9.56	139	503524	44.381	ng	96
27) 2,4-Dimethylphenol	9.63	122	889332	52.562	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	1188072	44.114	ng	99
29) 2,4-Dichlorophenol	10.09	162	929588	47.320	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	956787	40.600	ng	98
31) Naphthalene	10.49	128	2877258	43.322	ng	99
32) Benzoic acid	9.79	122	556554	44.086	ng	90
33) 4-Chloroaniline	10.61	127	592468	20.655	ng	98
34) Hexachlorobutadiene	10.77	225	592377	39.672	ng	98
35) Caprolactam	11.41	113	253114m	35.354	ng	
36) 4-Chloro-3-methylphenol	11.74	107	972374	43.912	ng	96
37) 2-Methylnaphthalene	12.11	142	2160851	47.545	ng	99
38) 1-Methylnaphthalene	12.33	142	2032440	45.947	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1141190	41.575	ng	# 99

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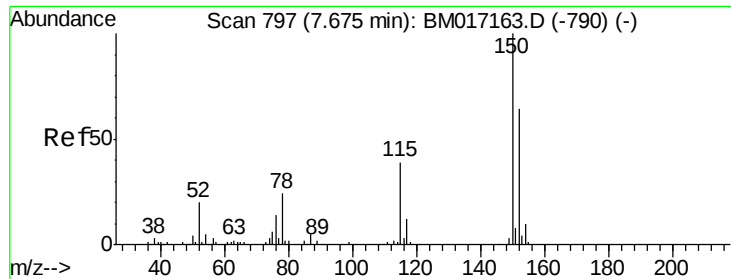
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1651937	124.488	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	739421	46.404	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	783756	45.869	ng	97
46) 1,1'-Biphenyl	13.14	154	2792329	39.810	ng	100
47) 2-Chloronaphthalene	13.17	162	2125148	41.184	ng	99
48) 2-Nitroaniline	13.39	65	599803	41.956	ng	97
49) Acenaphthylene	14.03	152	3395914	45.403	ng	99
50) Dimethylphthalate	13.77	163	2521899	41.938	ng	99
51) 2,6-Dinitrotoluene	13.89	165	557271	42.105	ng	97
52) Acenaphthene	14.37	154	1968471	41.916	ng	98
53) 3-Nitroaniline	14.23	138	364892	25.456	ng	98
54) 2,4-Dinitrophenol	14.43	184	613732	79.142	ng	97
55) Dibenzofuran	14.71	168	3163606	40.509	ng	98
56) 4-Nitrophenol	14.54	139	919545	70.953	ng	91
57) 2,4-Dinitrotoluene	14.69	165	751101	42.223	ng	# 98
58) Fluorene	15.36	166	2511481	43.447	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	704880	45.256	ng	97
60) Diethylphthalate	15.15	149	2487306	41.708	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1297118	39.361	ng	98
62) 4-Nitroaniline	15.40	138	537037	35.000	ng	95
63) Azobenzene	15.66	77	2435225	42.012	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	420075	41.753	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2176472	44.743	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	807928	45.765	ng	97
68) Hexachlorobenzene	16.36	284	861517	42.011	ng	98
69) Atrazine	16.54	200	758539	43.569	ng	98
70) Pentachlorophenol	16.71	266	1003258	71.417	ng	100
71) Phenanthrene	17.10	178	3756035	43.299	ng	99
72) Anthracene	17.19	178	3801817	46.124	ng	100
73) Carbazole	17.47	167	3235426	38.427	ng	99
74) Di-n-butylphthalate	18.03	149	3754045	42.273	ng	100
75) Fluoranthene	19.12	202	3900087	39.954	ng	100
77) Benzidine	19.32	184	1824179	56.417	ng	99
78) Pyrene	19.49	202	3889101	54.569	ng	100
80) Butylbenzylphthalate	20.40	149	1394868	50.919	ng	94
81) Benzo(a)anthracene	21.23	228	3248808	45.274	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	731840	27.364	ng	99
83) Chrysene	21.29	228	3073199	43.268	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1876861	45.538	ng	100
85) Di-n-octyl phthalate	22.05	149	2851588	41.428	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	2696577	33.944	ng	99
88) Benzo(b)fluoranthene	22.80	252	2693313	47.622	ng	100
89) Benzo(k)fluoranthene	22.84	252	2721050	47.948	ng	99
90) Benzo(a)pyrene	23.37	252	2506130	46.671	ng	98
91) Dibenzo(a,h)anthracene	25.69	278	2270637	42.585	ng	99
92) Benzo(g,h,i)perylene	26.35	276	2248684	42.551	ng	99

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



#1

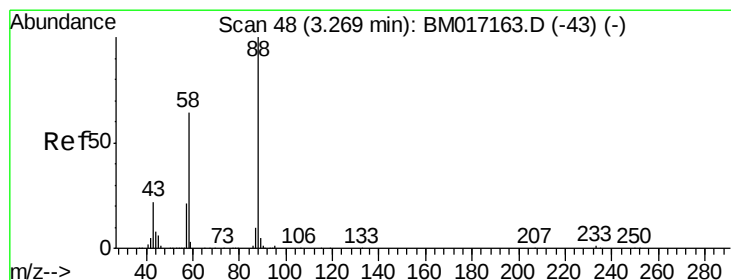
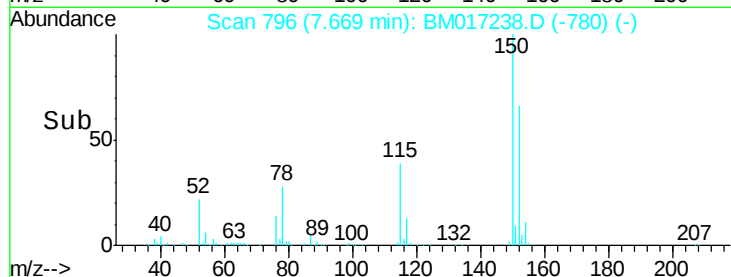
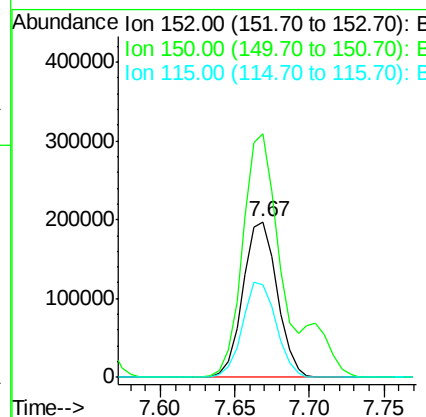
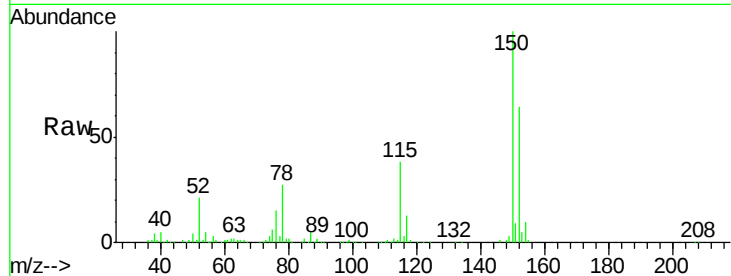
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.3	186.5
115	59.3	48.1	72.1

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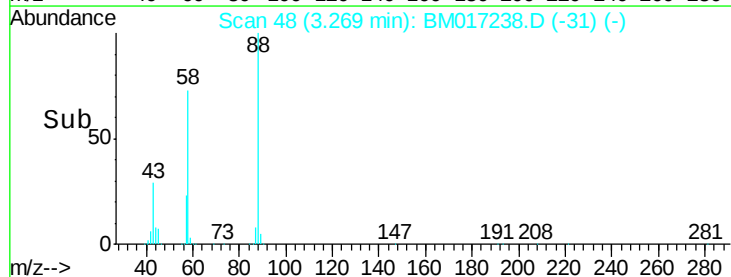
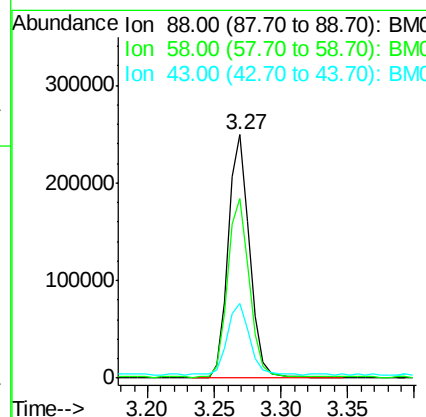
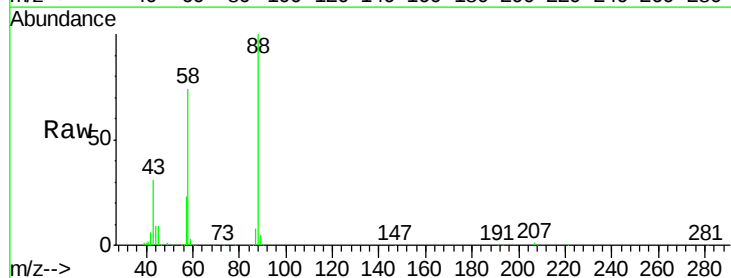
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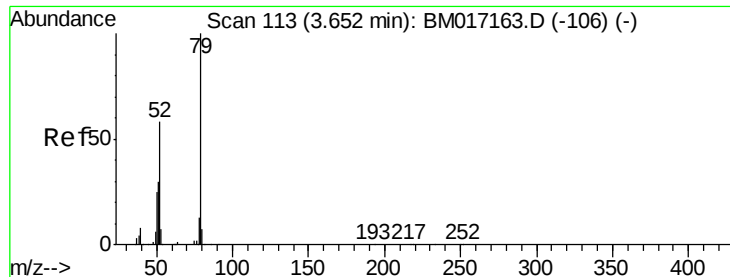


#2

1,4-Dioxane
Concen: 29.975 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	50.2	75.4
43	29.9	19.3	28.9





#3

Pyridine

Concen: 37.043 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

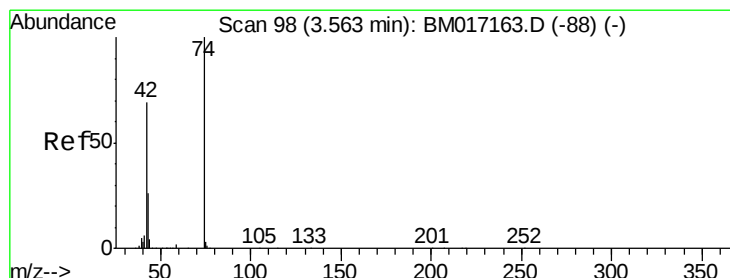
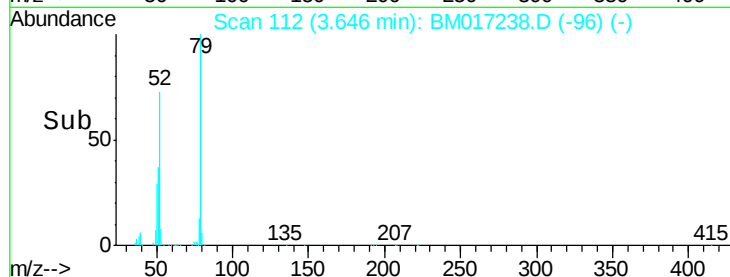
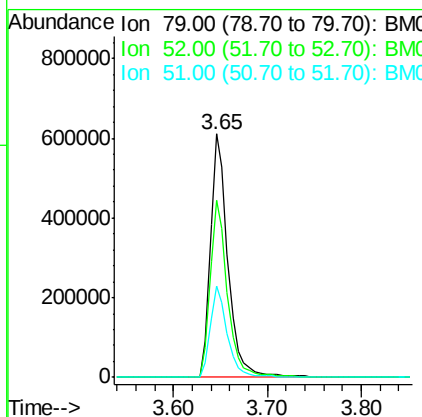
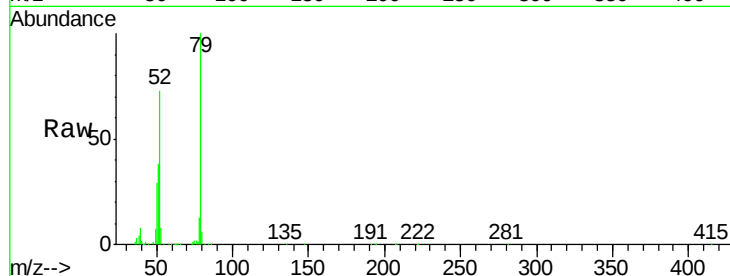
ClientSampleId :

PB113946BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	72.7	46.5	69.7#
51	37.6	24.6	37.0#

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#4

n-Nitrosodimethylamine

Concen: 44.957 ng

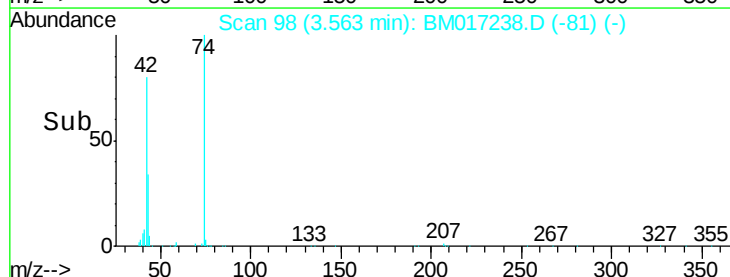
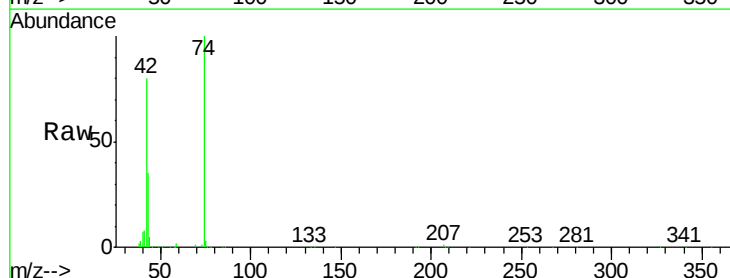
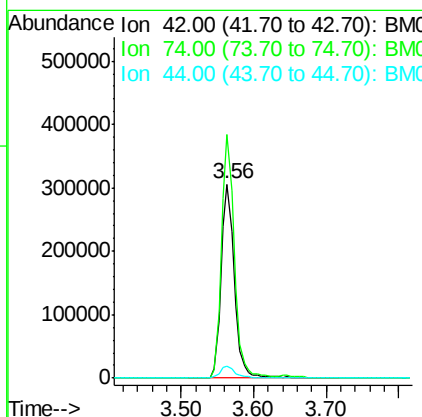
RT: 3.56 min Scan# 98

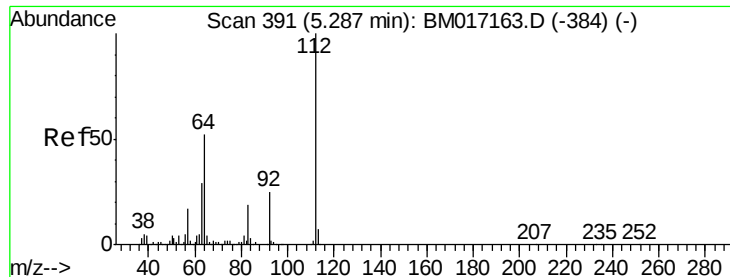
Delta R.T. -0.00 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.4	114.4	171.6
44	6.5	48.6	73.0#





#5

2-Fluorophenol

Concen: 143.747 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

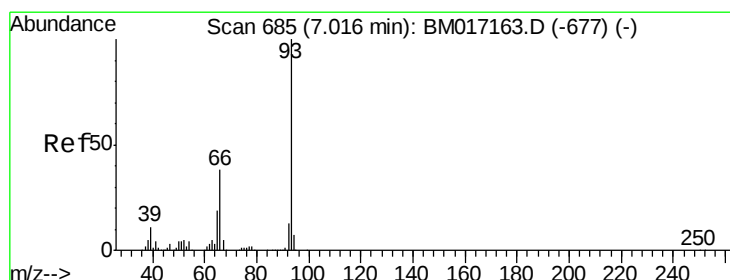
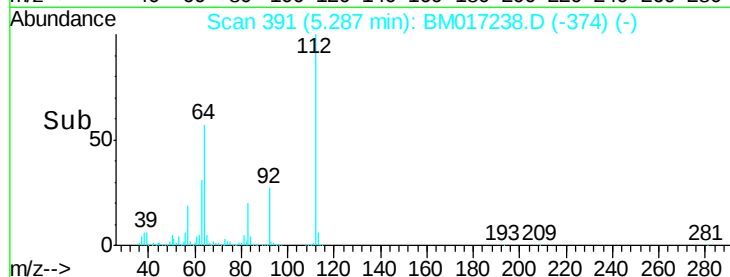
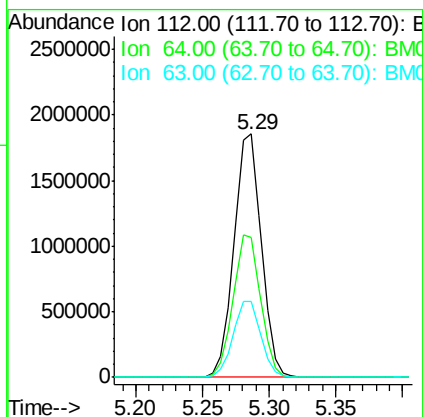
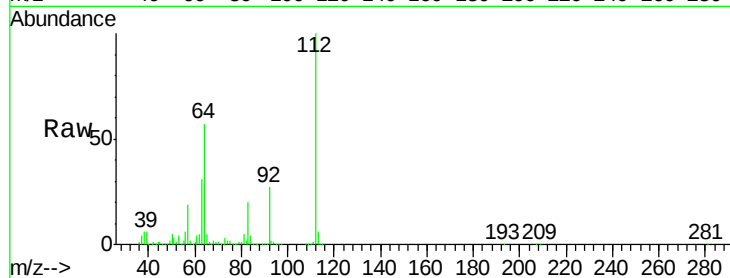
ClientSampleId :

PB113946BS

Tgt Ion:	112	Resp:	2651881
Ion	Ratio	Lower	Upper
112	100		
64	57.4	41.7	62.5
63	31.2	23.0	34.4

Manual Integrations
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#6

Aniline

Concen: 38.668 ng

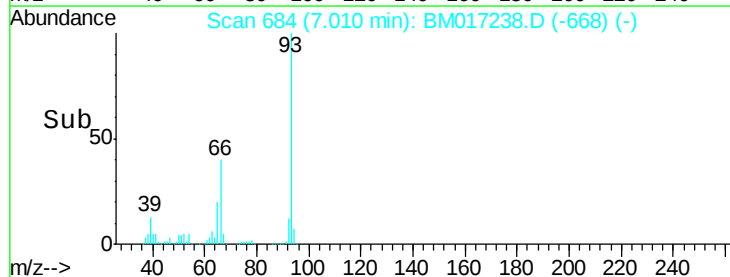
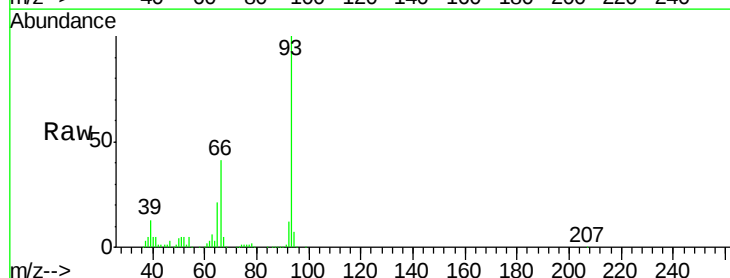
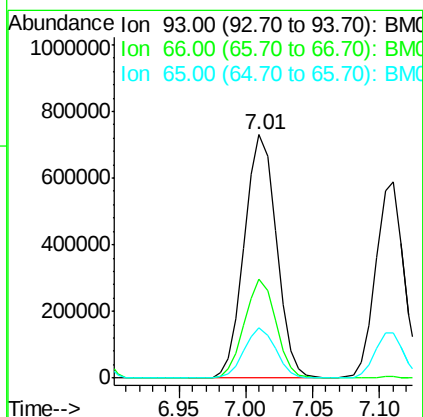
RT: 7.01 min Scan# 684

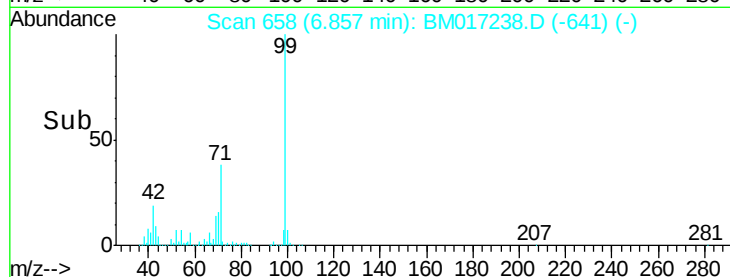
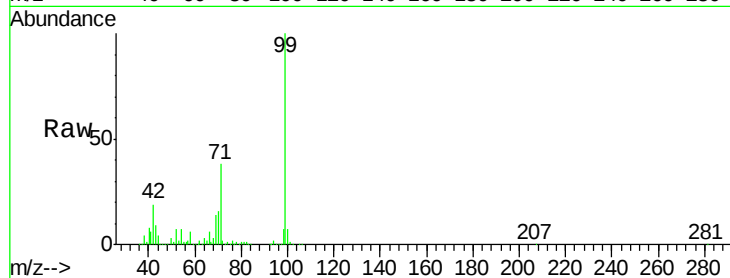
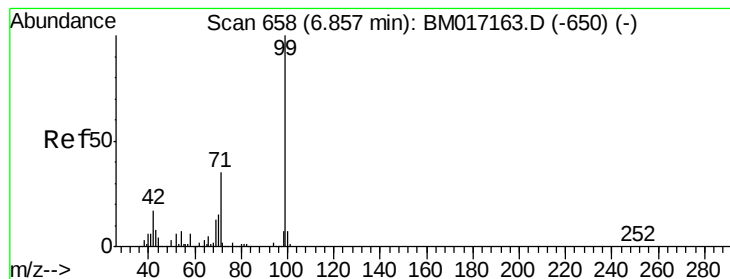
Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Tgt Ion:	93	Resp:	1215209
Ion	Ratio	Lower	Upper
93	100		
66	40.6	30.4	45.6
65	20.6	15.3	22.9





#7

Phenol-d6

Concen: 137.424 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Tgt Ion: 99 Resp: 3452837

Ion Ratio Lower Upper

99 100

42 18.7 13.3 19.9

71 37.6 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

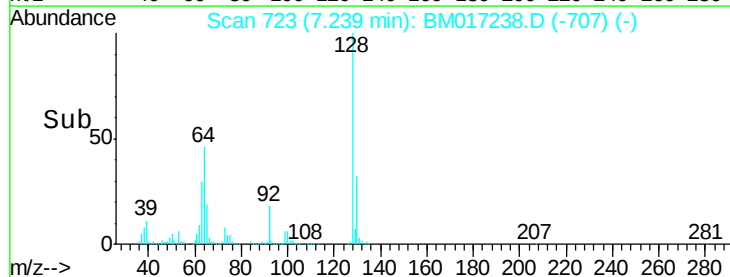
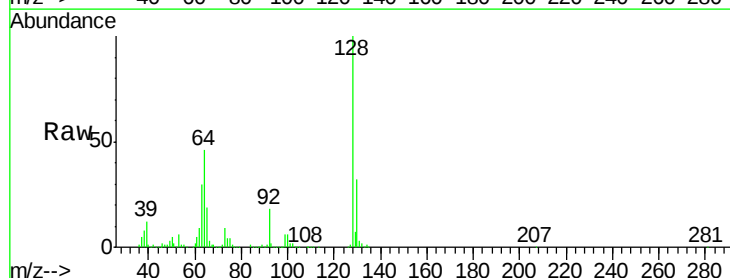
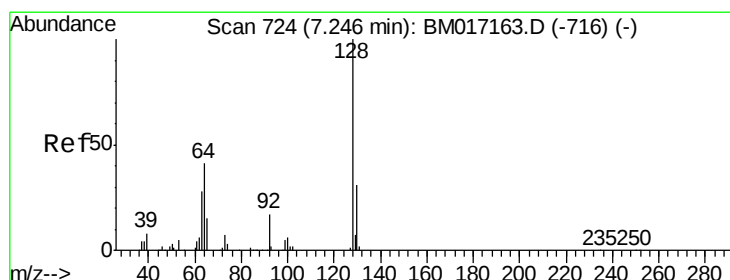
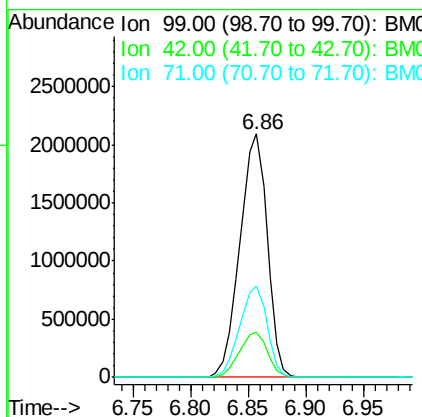
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#8

2-Chlorophenol

Concen: 45.154 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

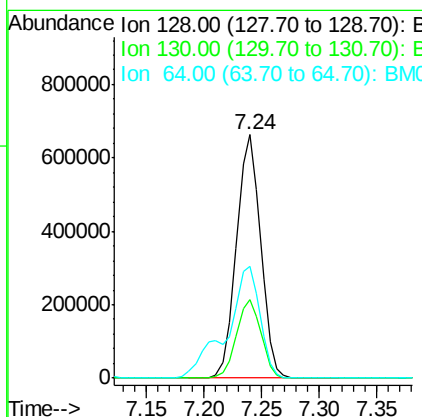
Tgt Ion: 128 Resp: 963695

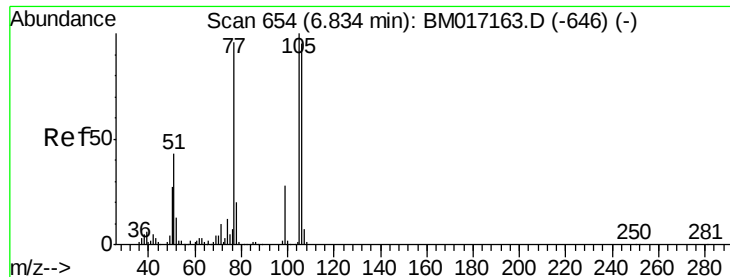
Ion Ratio Lower Upper

128 100

130 32.4 11.0 51.0

64 45.7 24.1 64.1





#9

Benzaldehyde

Concen: 26.757 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

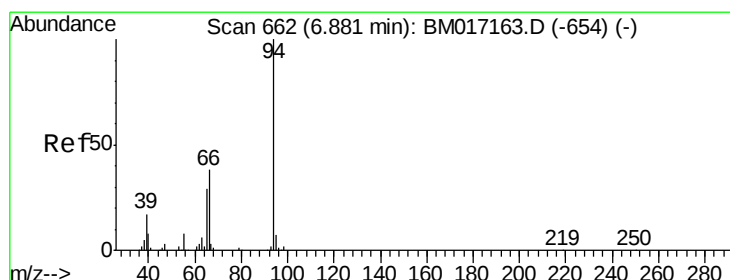
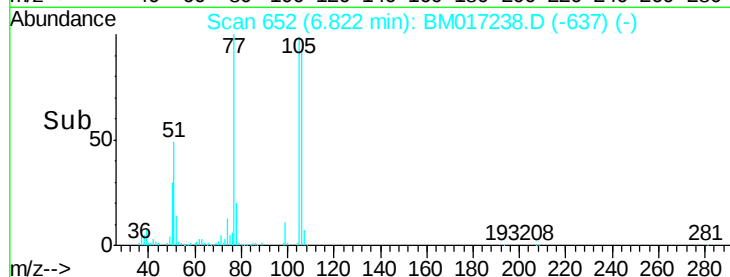
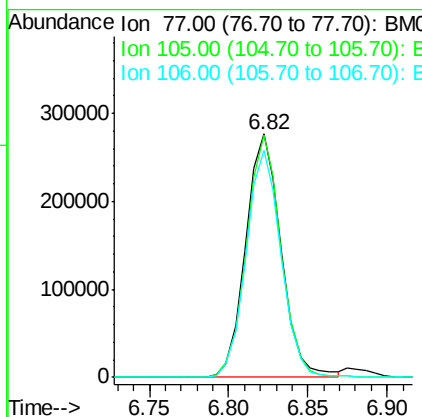
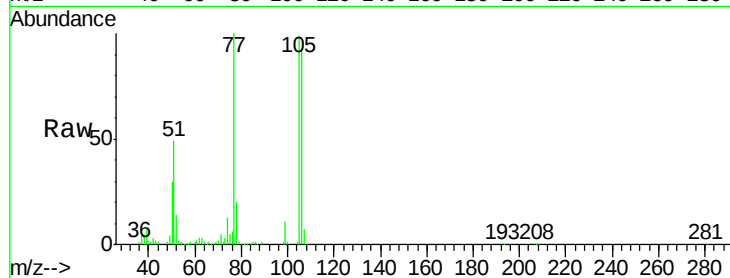
ClientSampleId :

PB113946BS

Tgt Ion:	77	Resp:	428650
Ion	Ratio	Lower	Upper
77	100		
105	99.4	83.9	123.9
106	93.3	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 43.588 ng

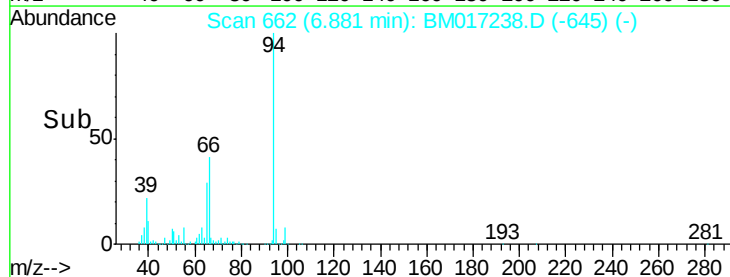
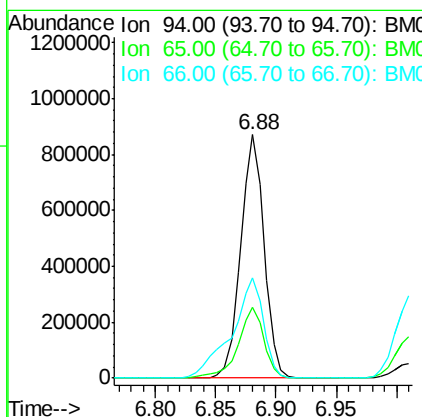
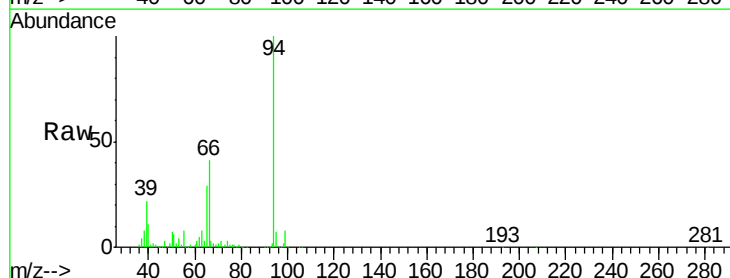
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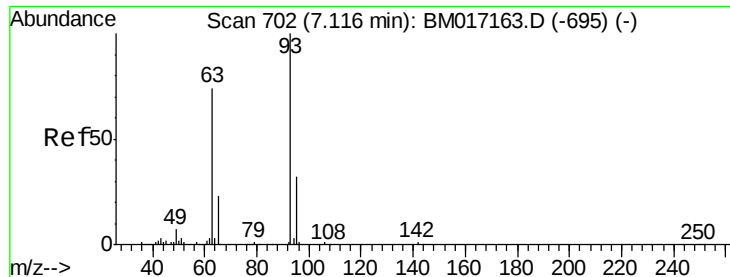
Delta R.T. -0.00 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Tgt Ion:	94	Resp:	1178669
Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.4	49.4
66	41.4	19.0	59.0





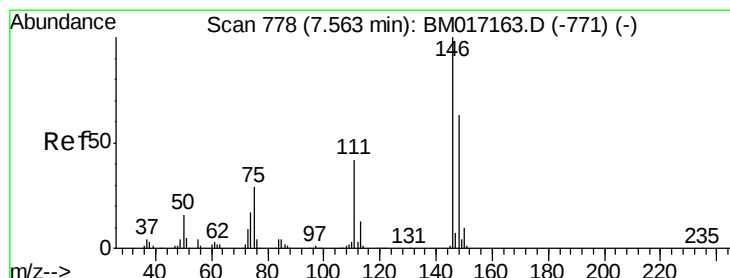
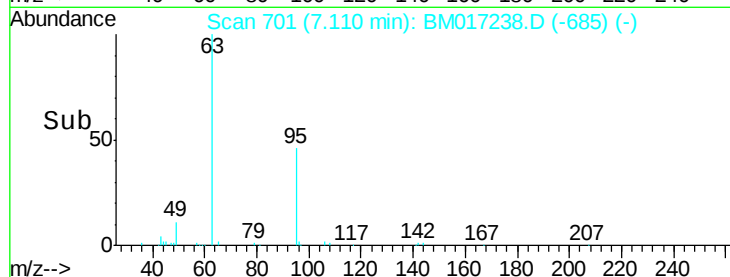
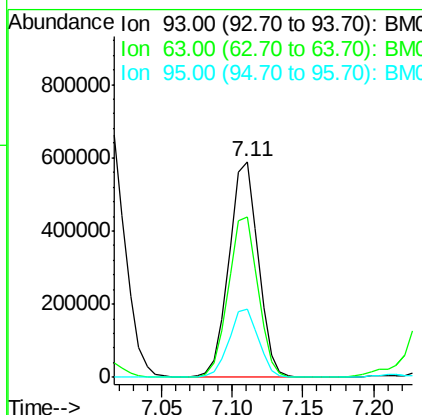
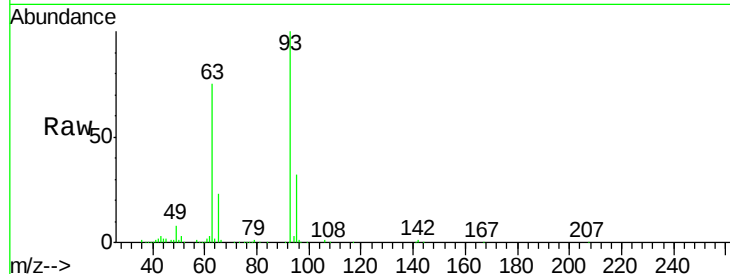
#11
bis(2-Chloroethyl)ether
Concen: 39.221 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	845465		
63	74.6	54.0	94.0	
95	31.7	11.8	51.8	

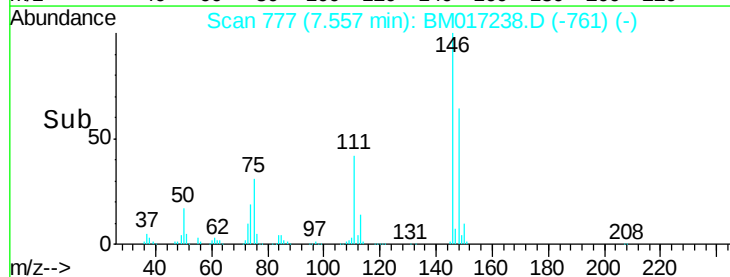
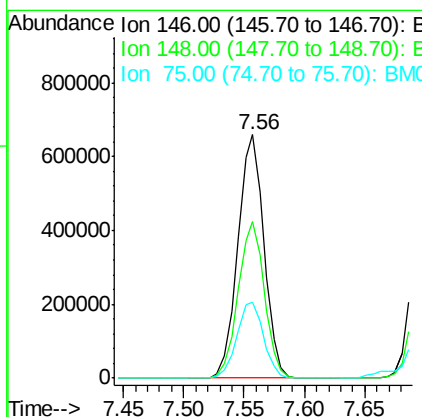
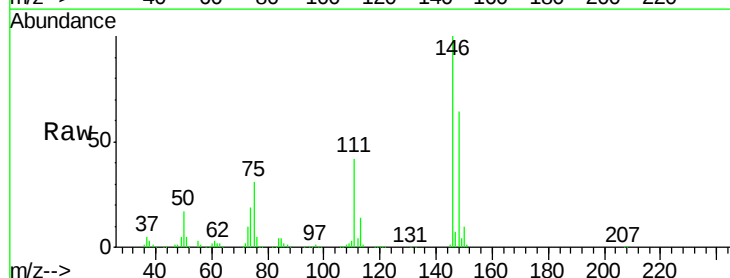
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 39.934 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	993531		
148	64.1	50.2	75.4	
75	31.2	23.3	34.9	





#13

1,4-Dichlorobenzene

Concen: 39.826 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

ClientSampleId :

PB113946BS

Tgt Ion:146 Resp: 1012330

Ion Ratio Lower Upper

146 100

148 63.7 49.8 74.6

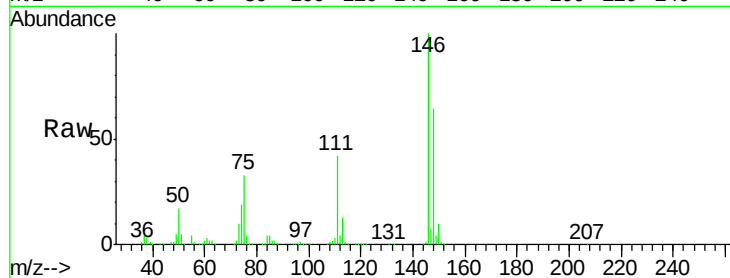
111 42.2 32.1 48.1

Manual Integrations

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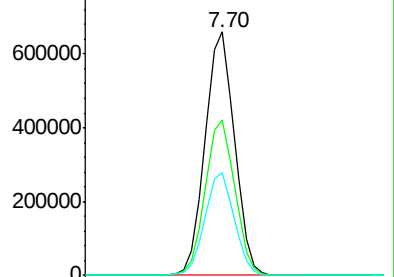
10/22/2018 1:09:24 PM



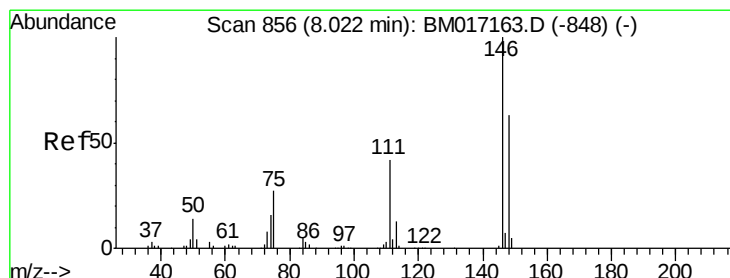
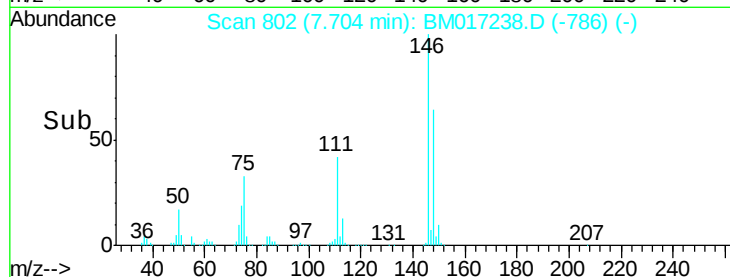
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->



#14

1,2-Dichlorobenzene

Concen: 39.683 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

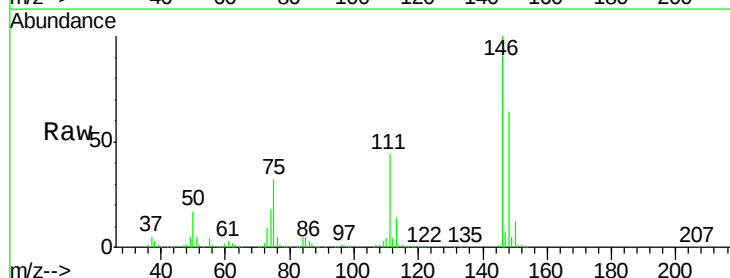
Tgt Ion:146 Resp: 971849

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

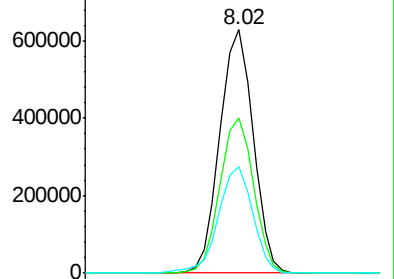
111 43.8 33.8 50.6



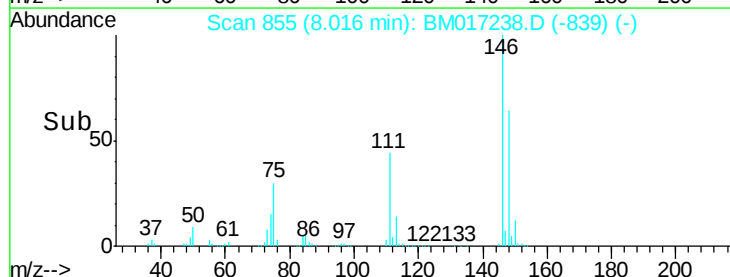
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 45.777 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

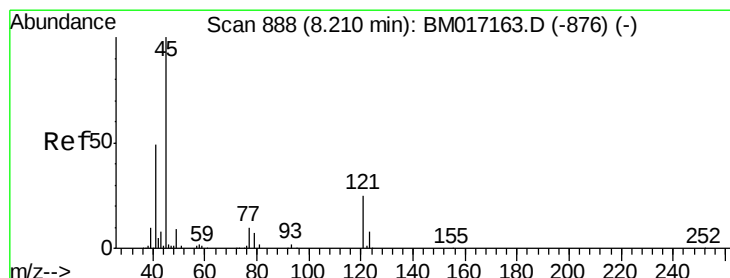
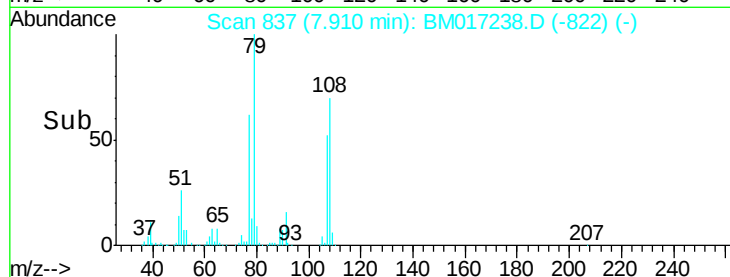
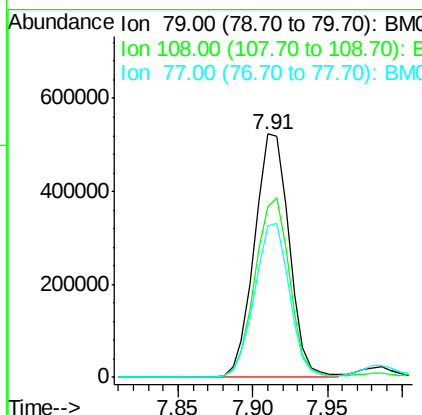
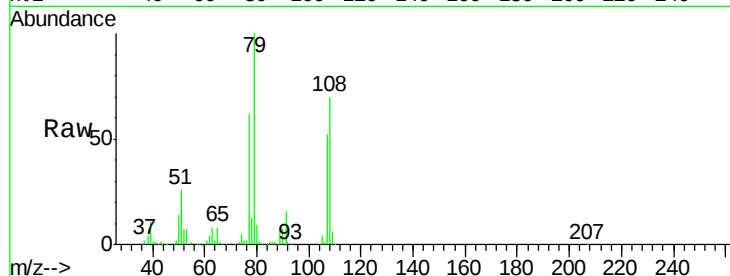
ClientSampleId :

PB113946BS

Tgt Ion:	79	Resp:	840706
Ion Ratio	Lower	Upper	
79	100		
108	70.1	60.3	90.5
77	62.3	54.8	82.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.816 ng

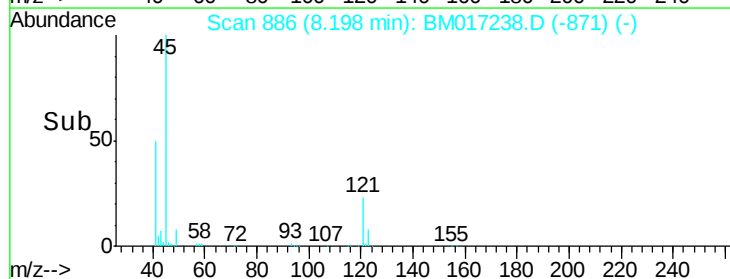
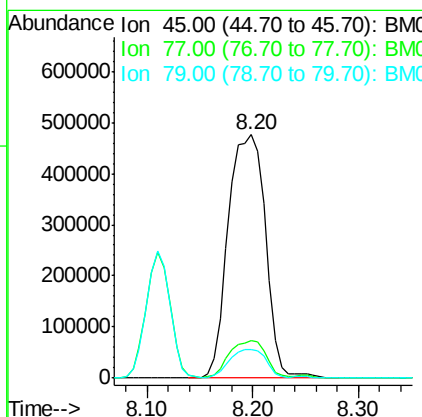
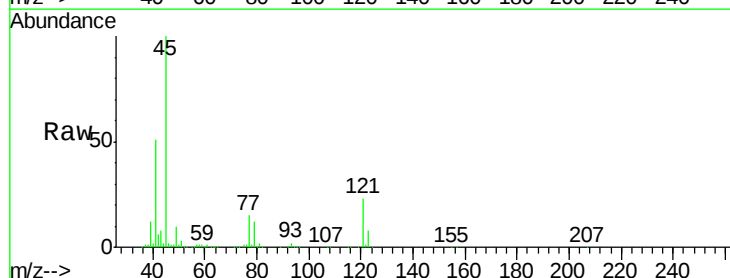
RT: 8.20 min Scan# 886

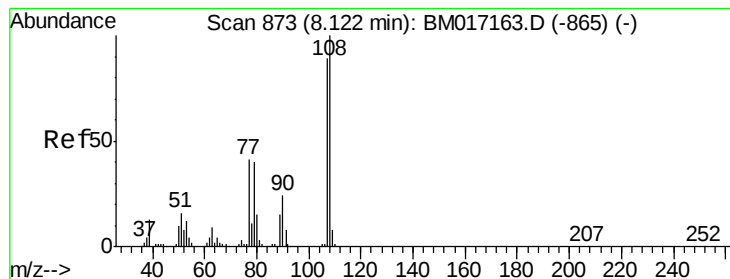
Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Tgt Ion:	45	Resp:	1168980
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	35.5
79	11.5	0.0	32.1





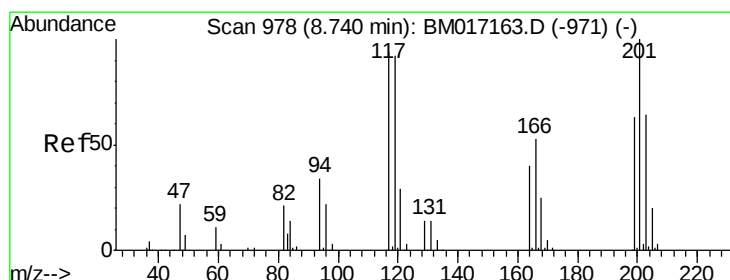
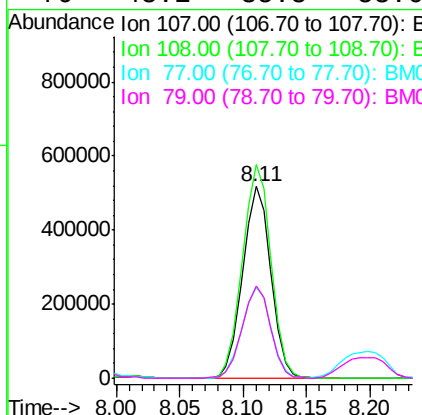
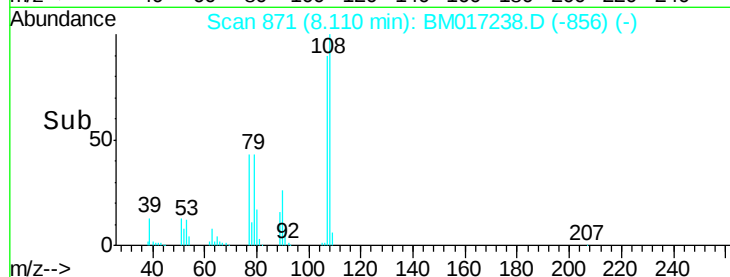
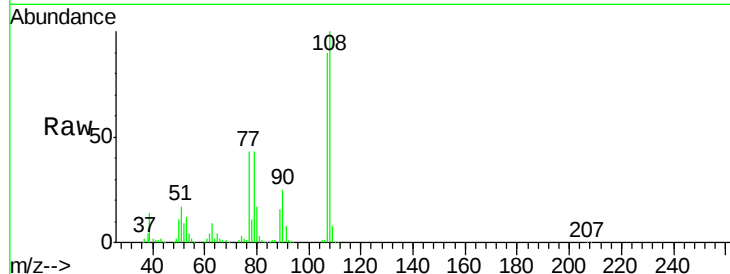
#17
2-Methylphenol
Concen: 46.157 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	801130	90.3	135.5
77	47.7		37.0	55.4
79	48.1		35.8	53.6

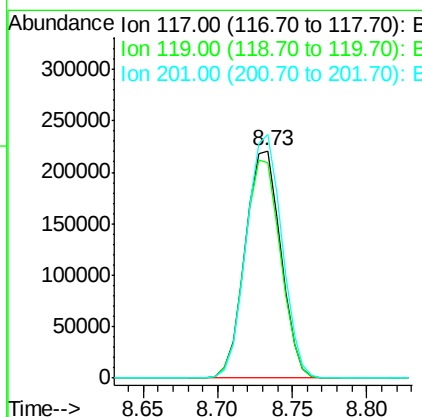
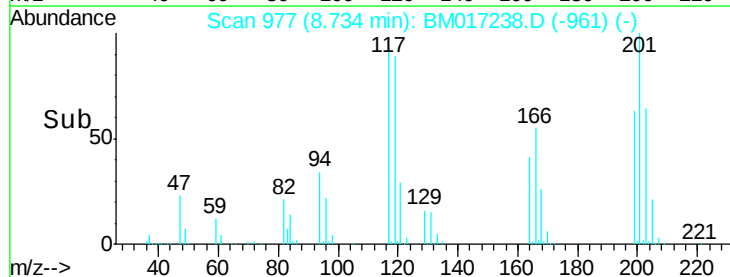
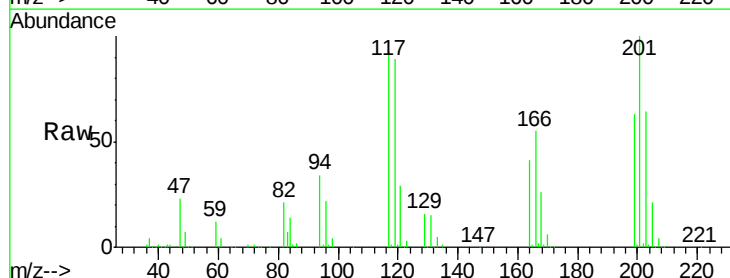
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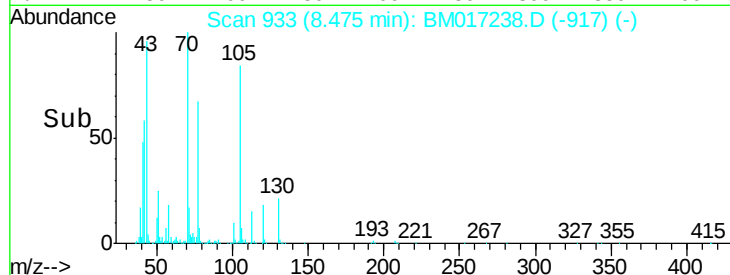
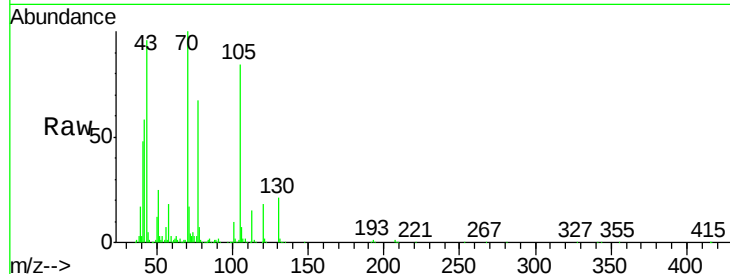
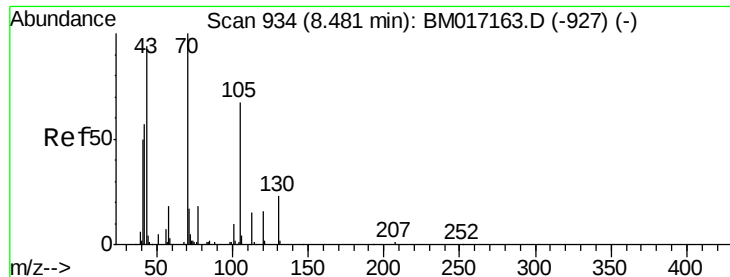
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#18
Hexachloroethane
Concen: 41.888 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	364380		
119	95.0		78.2	117.2
201	107.1		85.3	127.9





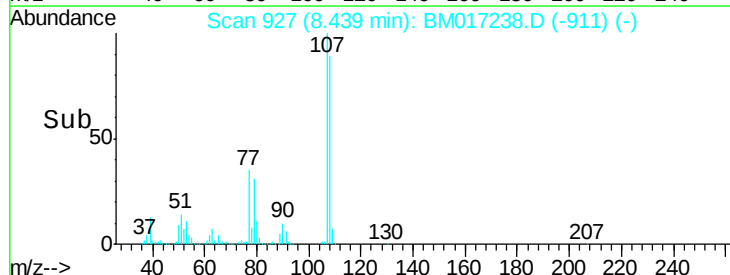
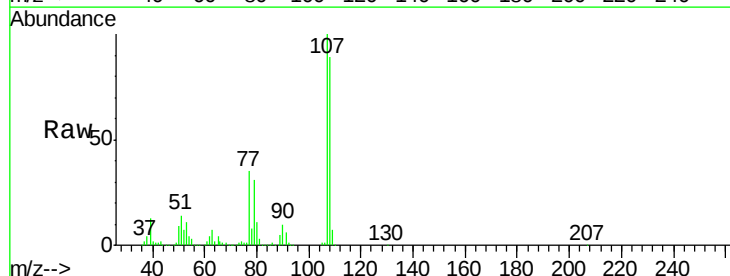
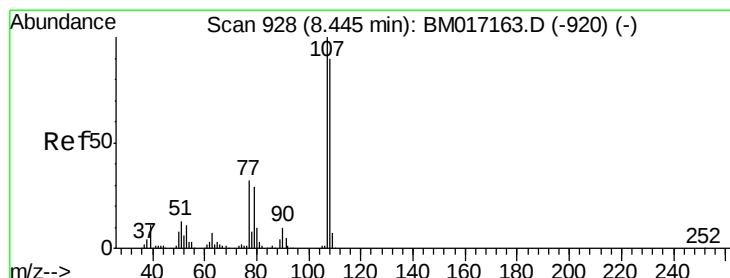
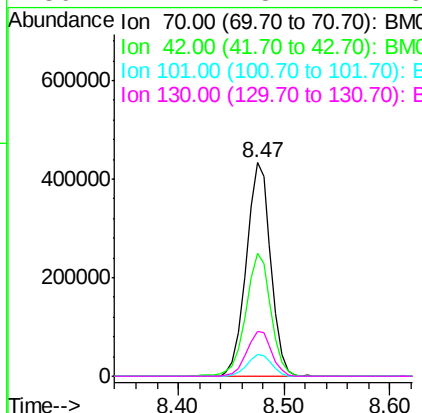
#19
n-Nitroso-di-n-propylamine
Concen: 42.070 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.8	46.1	69.1
101	9.9	8.2	12.4
130	21.1	18.4	27.6

Instrument :
BNA_M
ClientSampleId :
PB113946BS

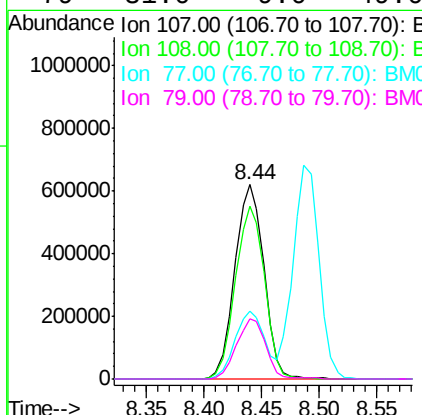
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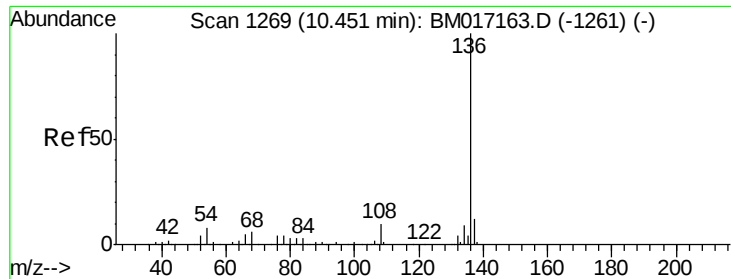
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#20
3+4-Methylphenols
Concen: 45.658 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.9	109.9
77	34.8	12.2	52.2
79	31.0	9.0	49.0





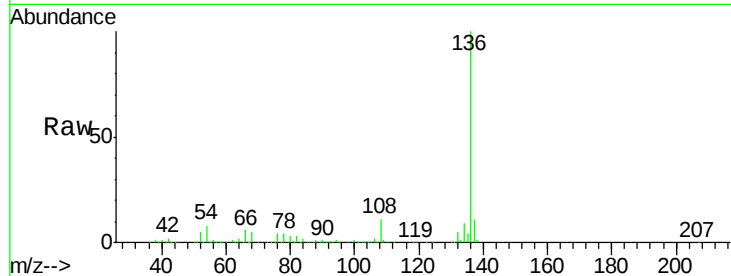
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.1	6.7	10.1
68	5.3	4.7	7.1

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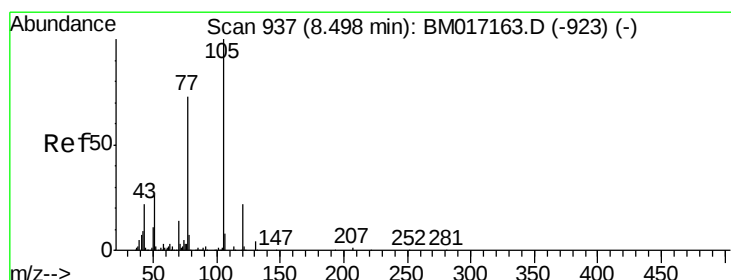
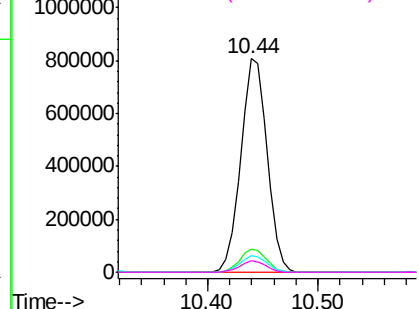
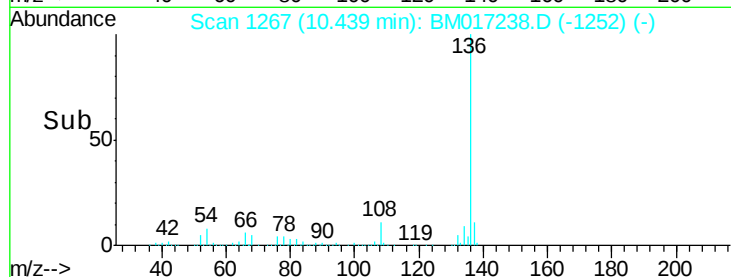
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

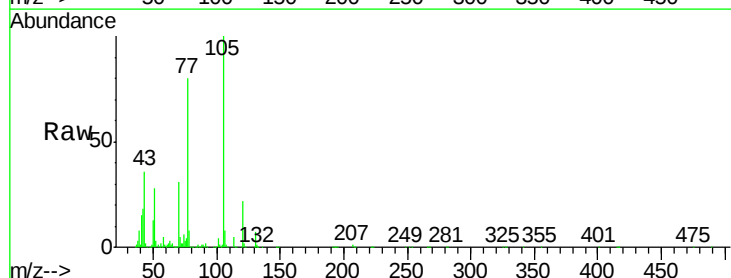
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 40.725 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.4	2.0	3.0#
51	27.7	20.6	31.0
120	22.0	17.5	26.3



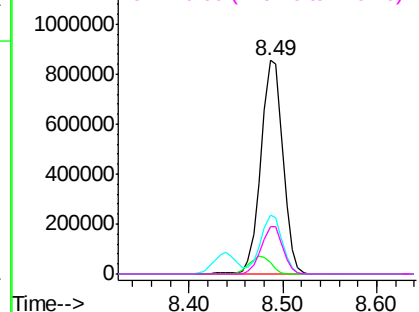
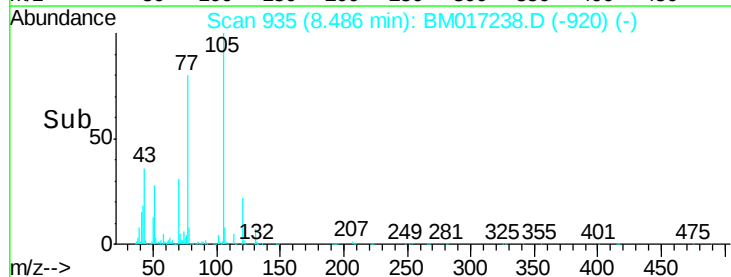
Abundance

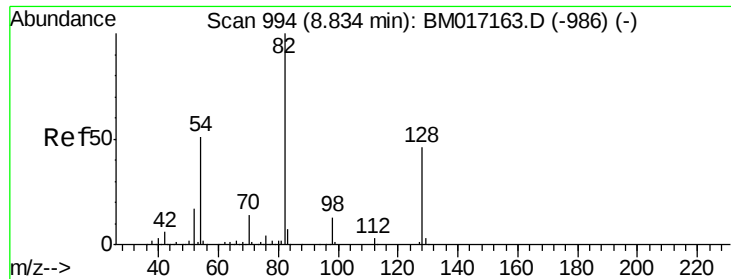
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





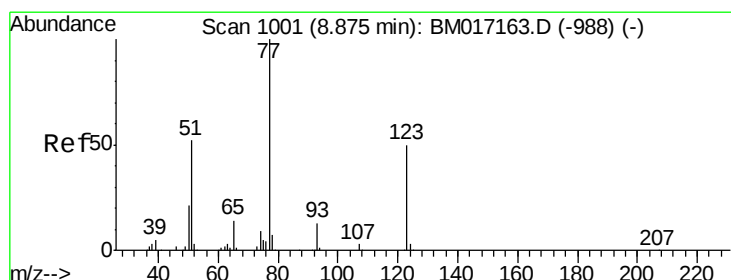
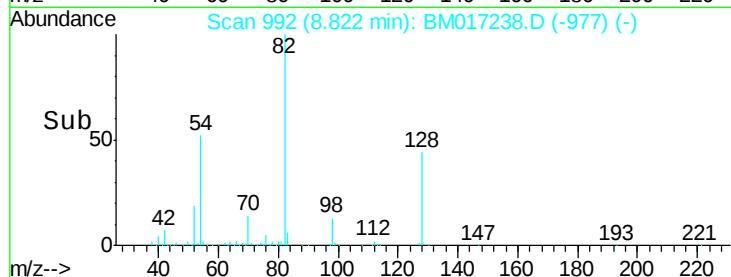
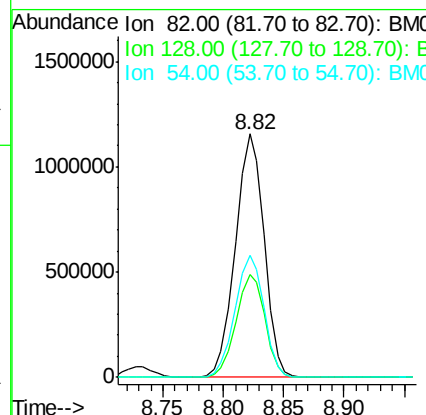
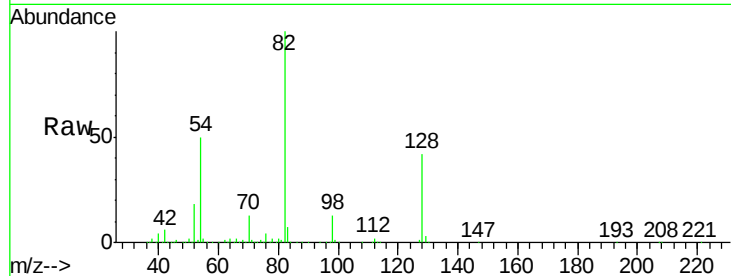
#23
 Nitrobenzene-d5
 Concen: 82.820 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Instrument :
 BNA_M
 ClientSampleID :
 PB113946BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	37.0	55.6
54	50.2	40.7	61.1

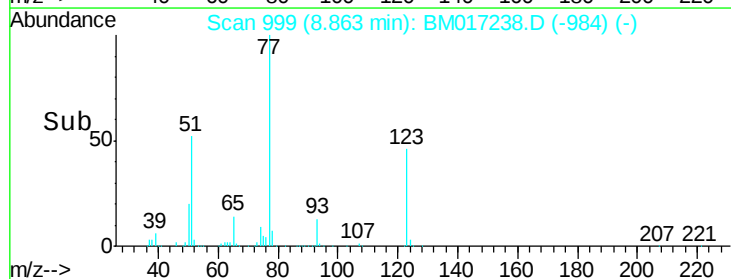
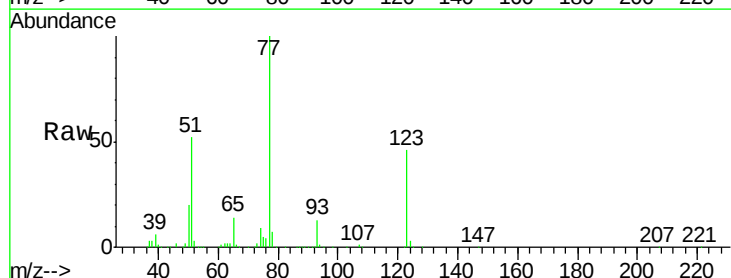
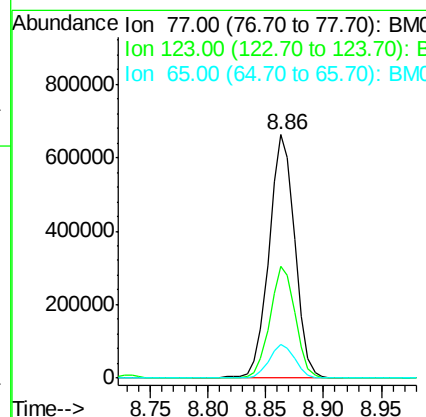
Manual Integrations
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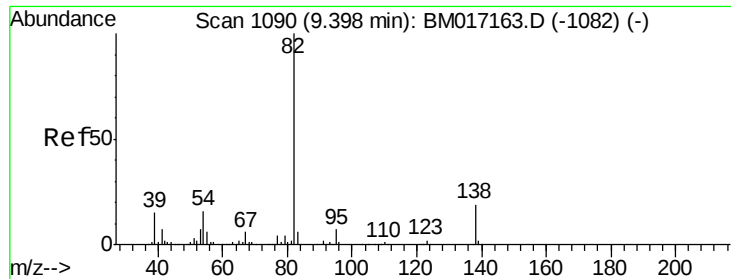
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#24
 Nitrobenzene
 Concen: 42.275 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	40.2	60.4
65	13.7	11.4	17.0





#25

Isophorone

Concen: 47.535 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

ClientSampleId :

PB113946BS

Tgt Ion: 82 Resp: 1818898

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

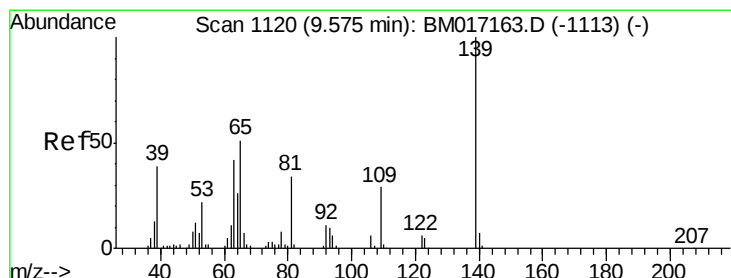
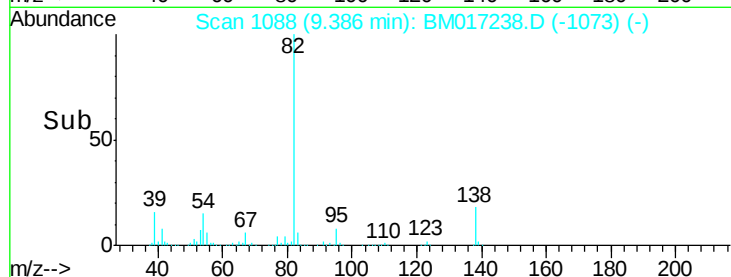
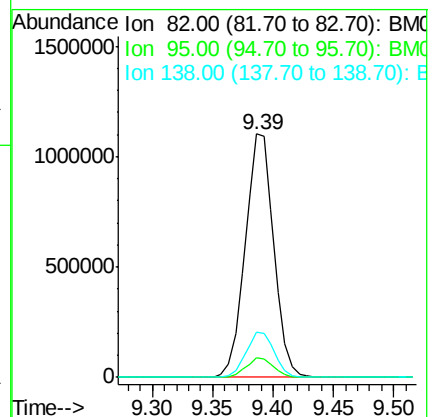
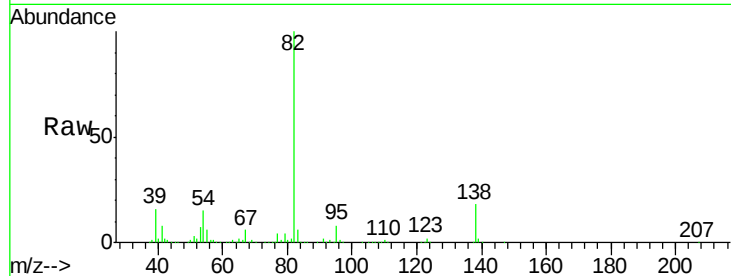
138 18.5 15.4 23.2

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#26

2-Nitrophenol

Concen: 44.381 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

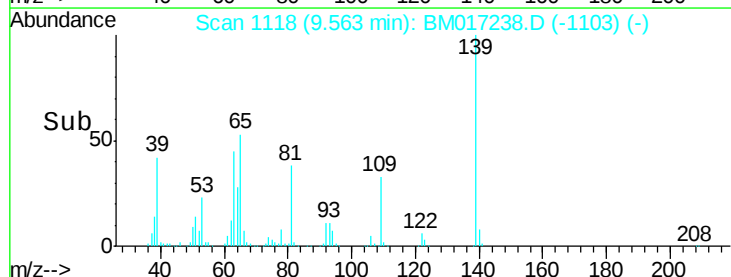
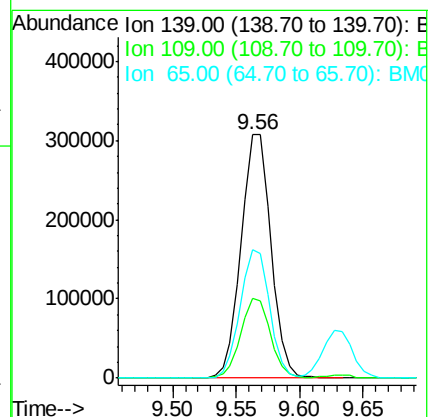
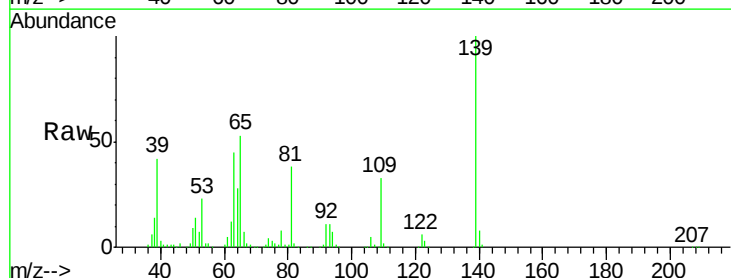
Tgt Ion: 139 Resp: 503524

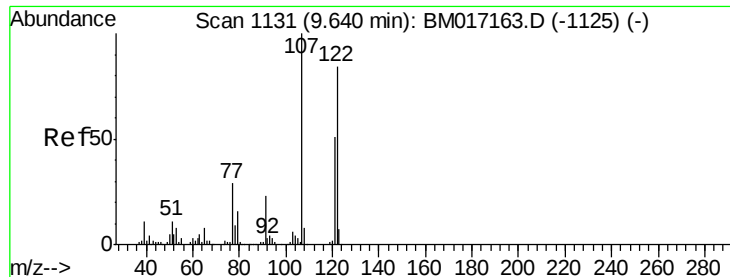
Ion Ratio Lower Upper

139 100

109 32.6 23.2 34.8

65 52.9 40.6 61.0





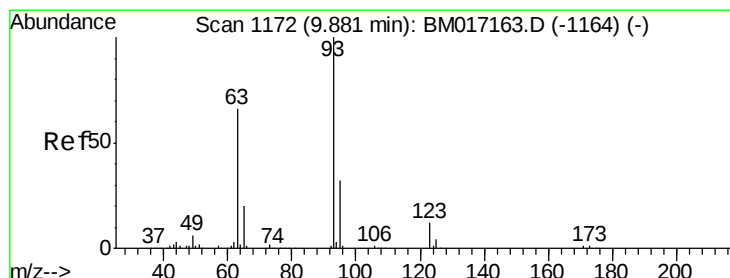
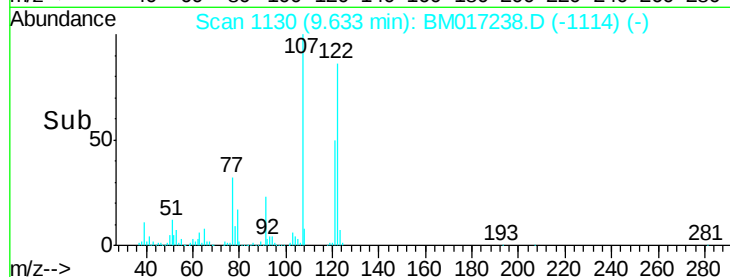
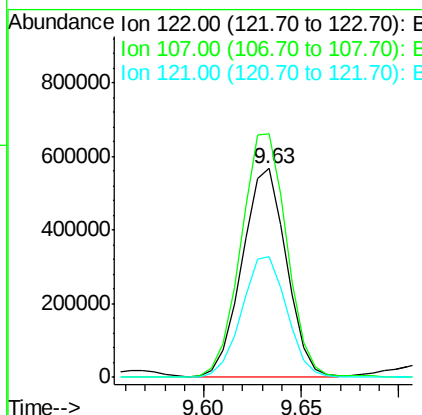
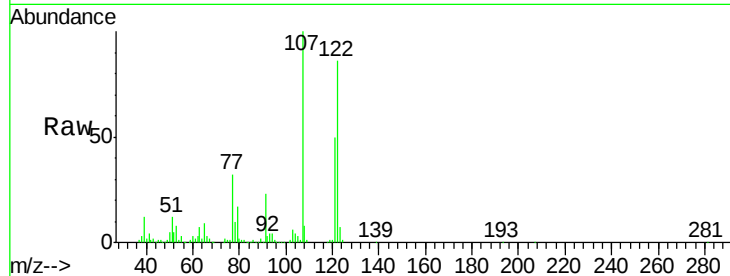
#27
 2,4-Dimethylphenol
 Concen: 52.562 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Instrument :
 BNA_M
 ClientSampleId :
 PB113946BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	889332		
107	116.6	95.0	142.6	
121	57.9	48.2	72.4	

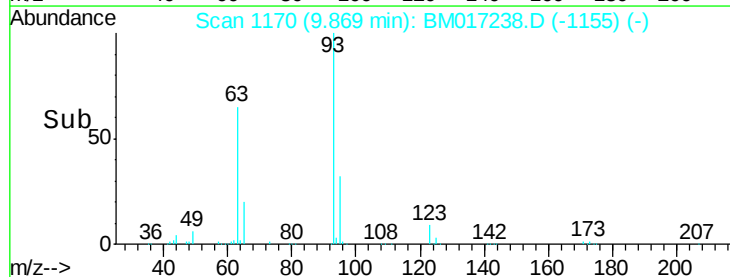
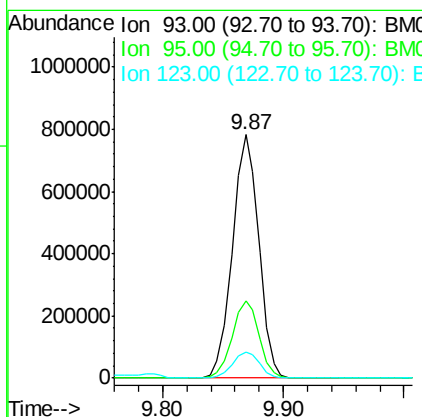
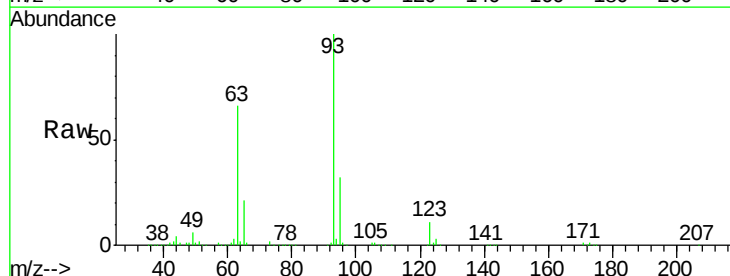
Manual Integrations
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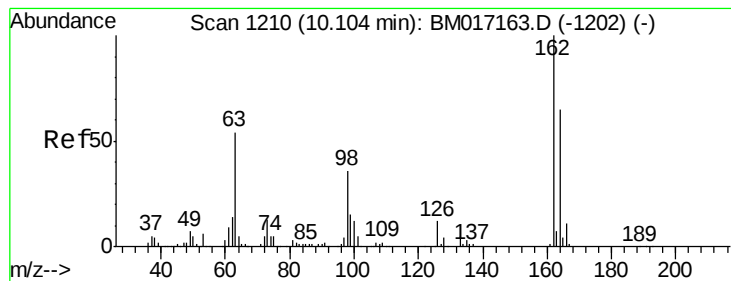
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.114 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1188072		
95	31.9	25.7	38.5	
123	10.8	9.4	14.0	





#29

2,4-Dichlorophenol

Concen: 47.320 ng

RT: 10.09 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

ClientSampleId :

PB113946BS

Tgt Ion:162 Resp: 929588

Ion Ratio Lower Upper

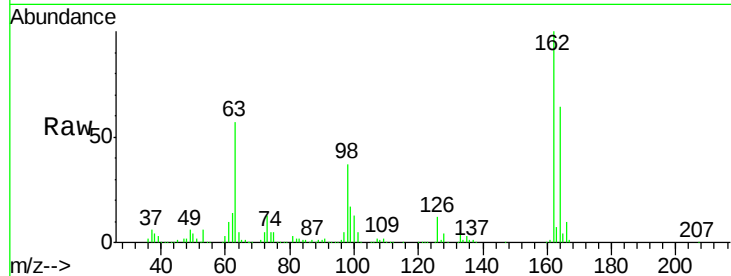
162 100

164 63.9 44.9 84.9

98 37.2 15.8 55.8

Manual Integrations
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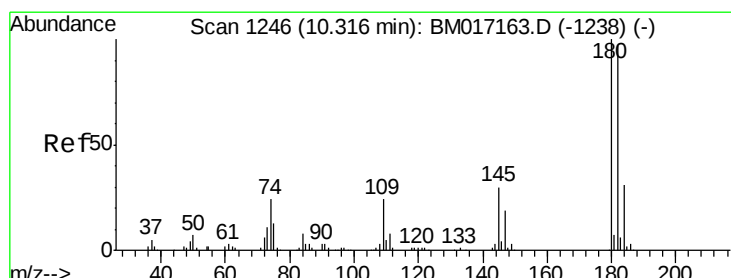
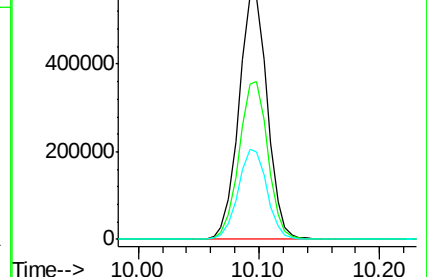
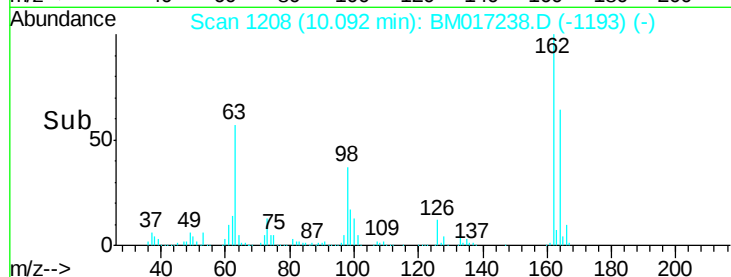
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 40.600 ng

RT: 10.30 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

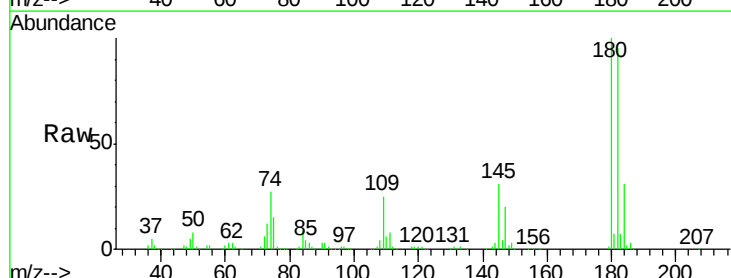
Tgt Ion:180 Resp: 956787

Ion Ratio Lower Upper

180 100

182 95.0 77.5 116.3

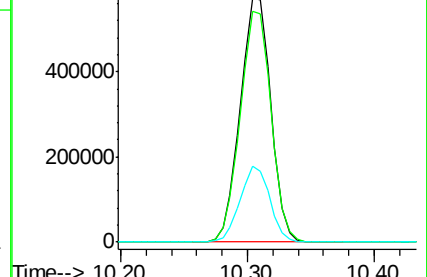
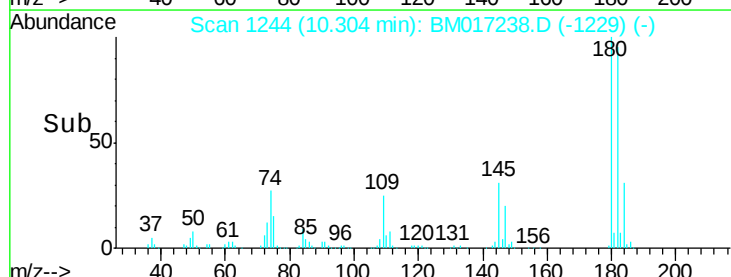
145 31.0 24.0 36.0

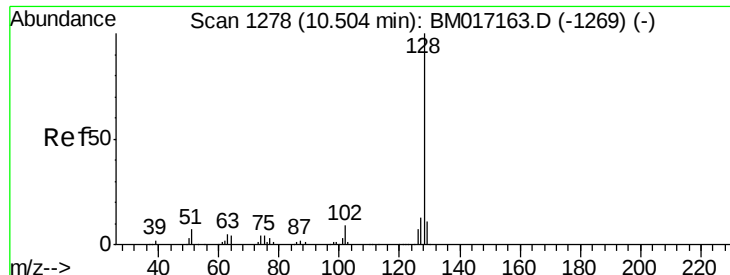


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





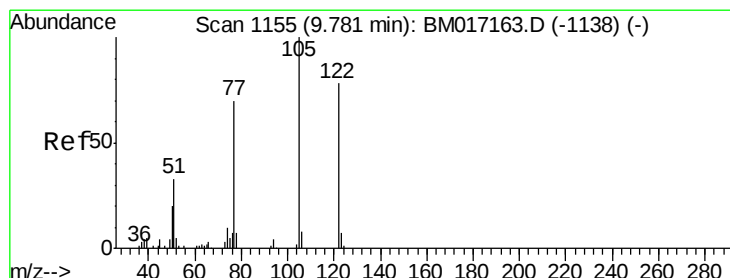
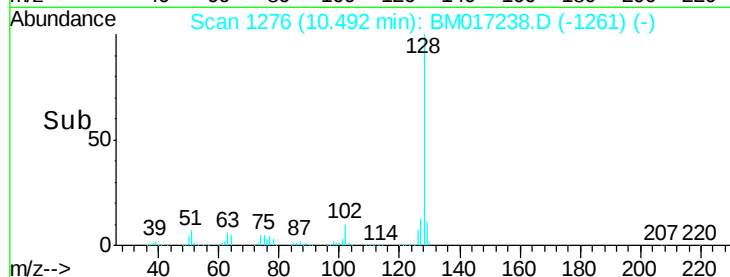
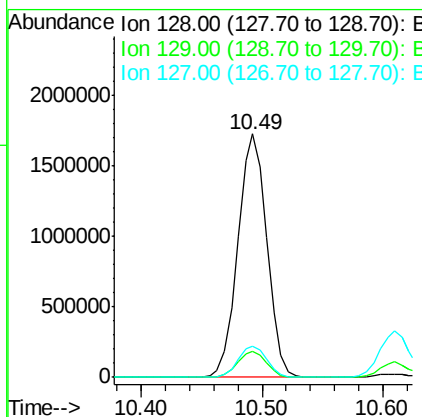
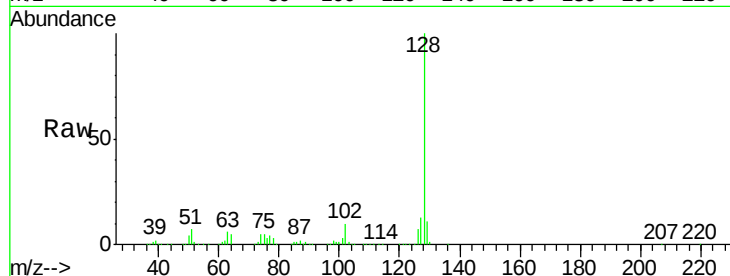
#31
Naphthalene
Concen: 43.322 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	13.0	10.3	15.5

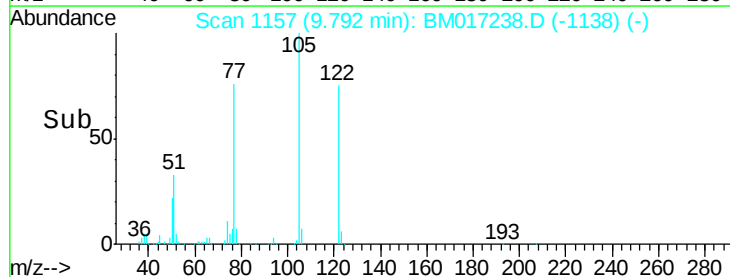
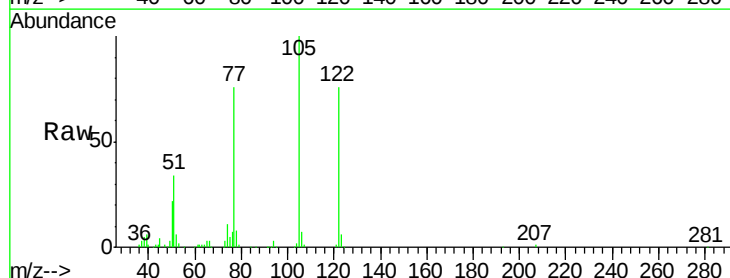
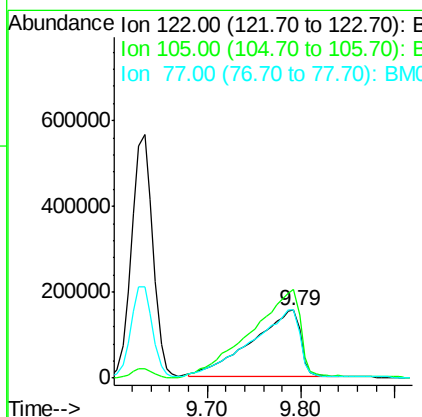
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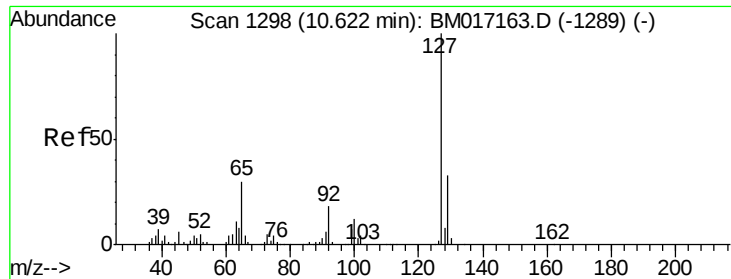
Sohil
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#32
Benzoic acid
Concen: 44.086 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.1	102.0	142.0
77	100.3	67.7	107.7





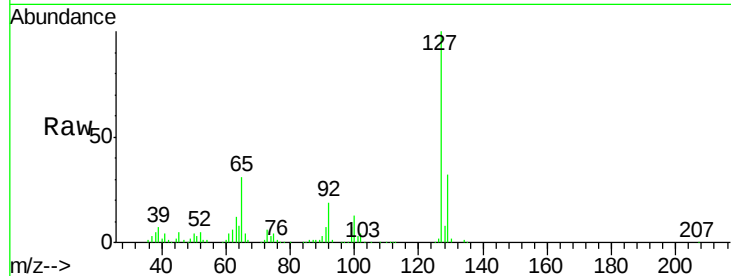
#33
4-Chloroaniline
Concen: 20.655 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

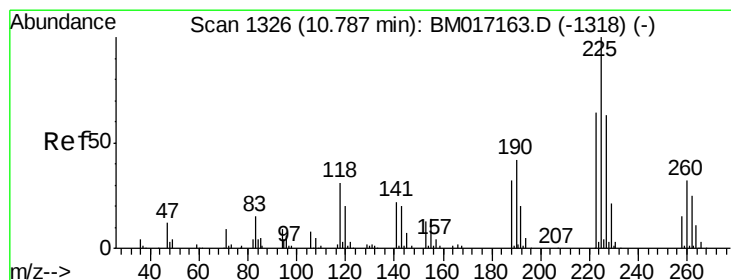
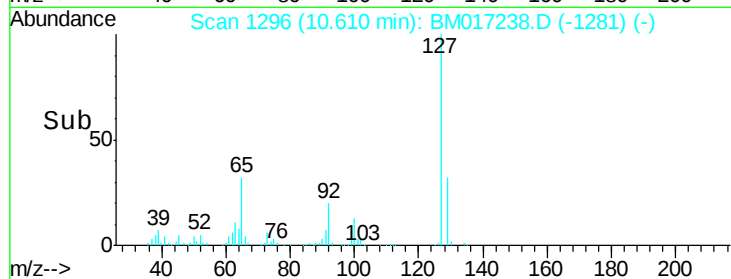
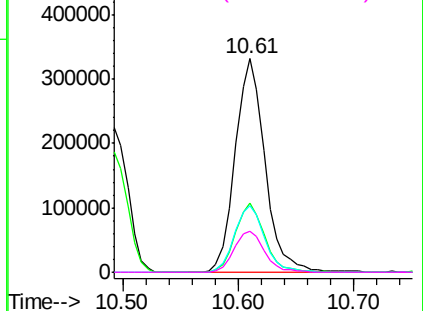
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	592468		
129	32.4	26.2	39.4	
65	31.4	23.7	35.5	
92	19.4	14.3	21.5	

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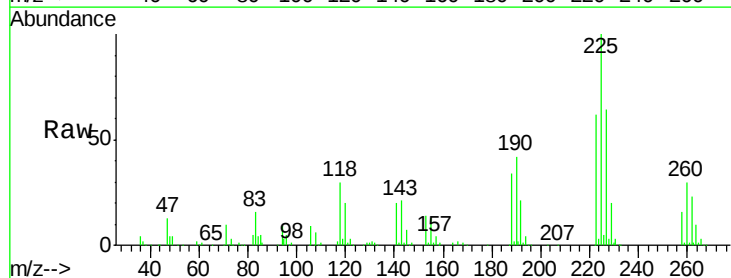


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

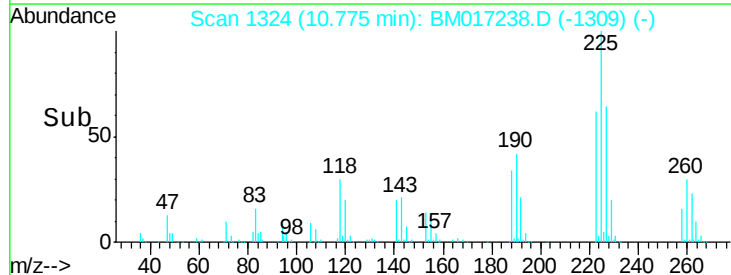
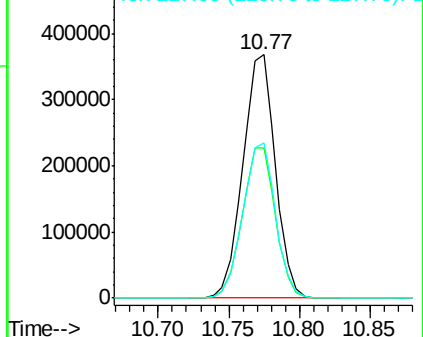


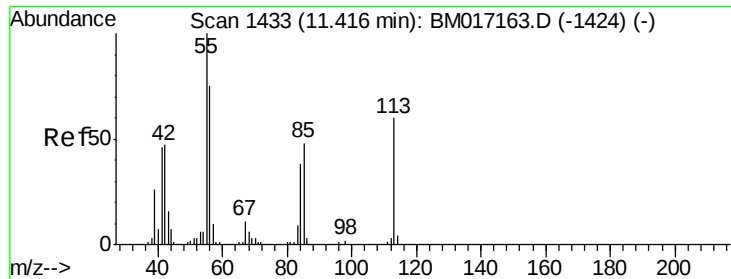
#34
Hexachlorobutadiene
Concen: 39.672 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	592377		
223	61.5	51.0	76.6	
227	63.6	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





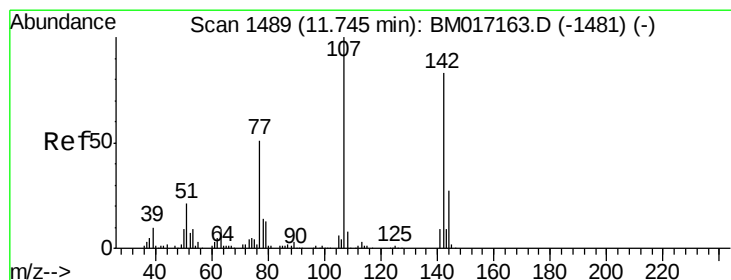
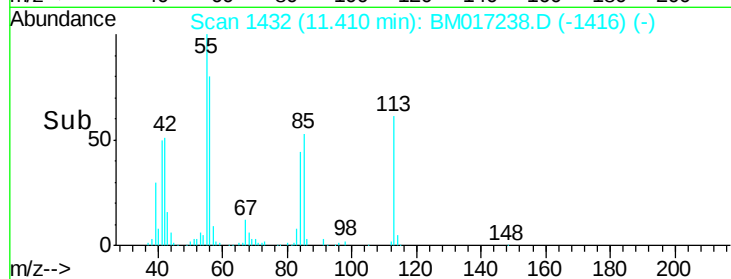
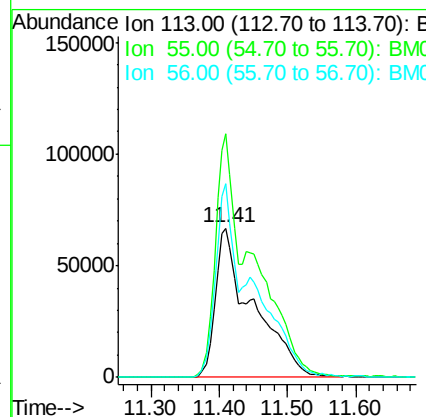
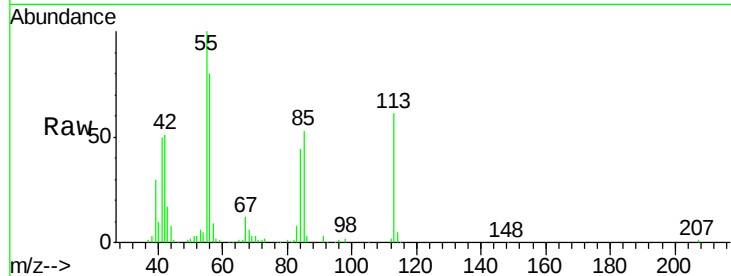
#35
 Caprolactam
 Concen: 35.354 ng m
 RT: 11.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Instrument :
 BNA_M
 ClientSampleId :
 PB113946BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	163.5	147.0	187.0
56	130.1	104.5	144.5

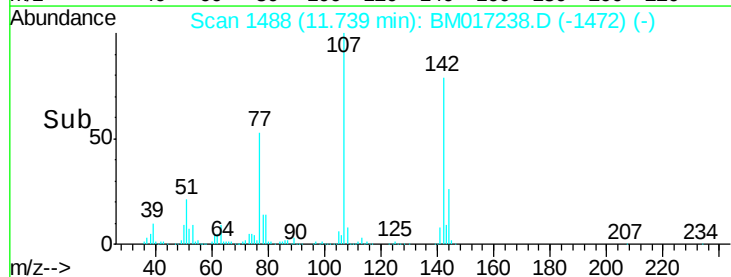
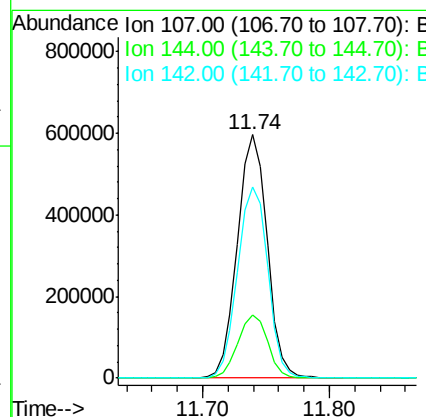
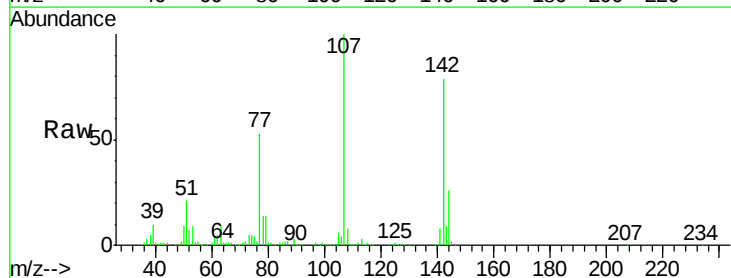
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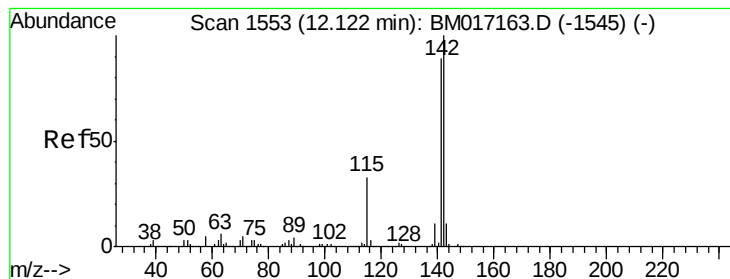
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#36
 4-Chloro-3-methylphenol
 Concen: 43.912 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.6	32.4
142	78.5	66.0	99.0





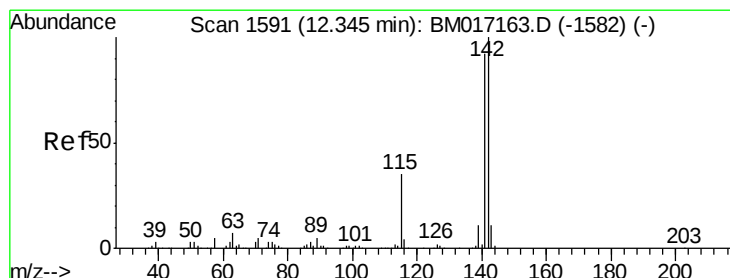
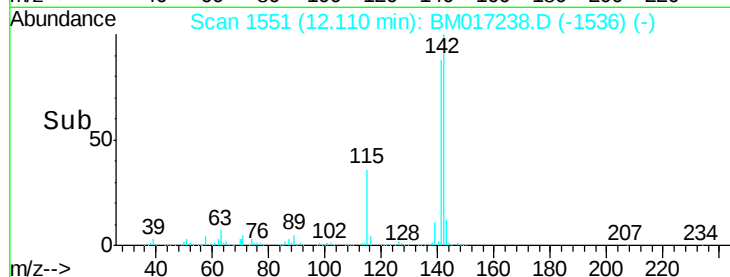
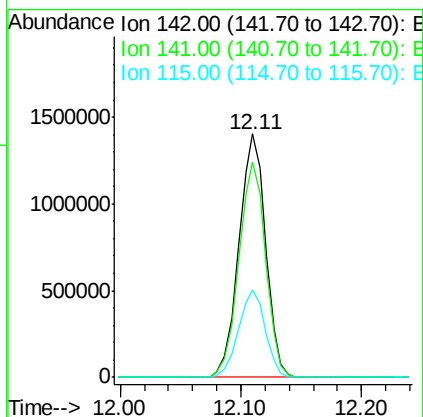
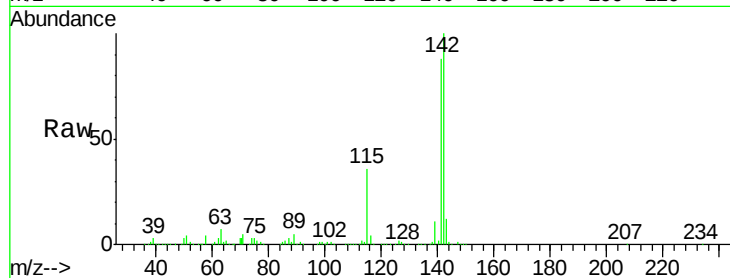
#37
2-Methylnaphthalene
Concen: 47.545 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion:142 Resp: 2160851
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3
115 35.7 26.4 39.6

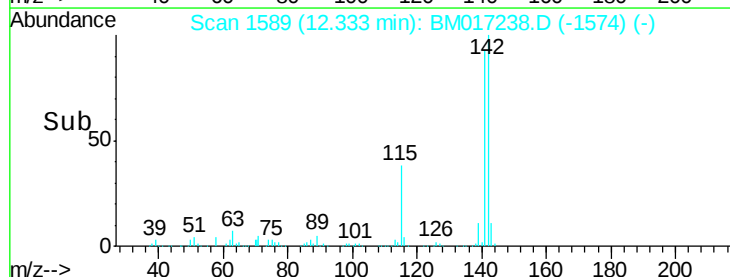
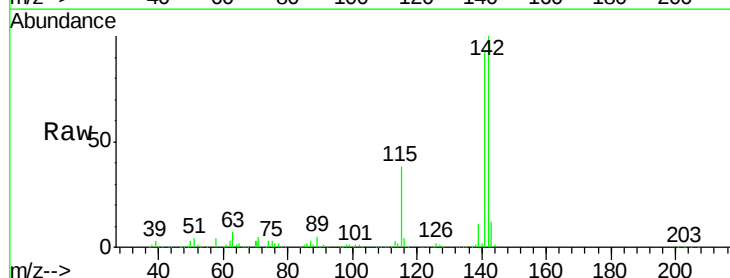
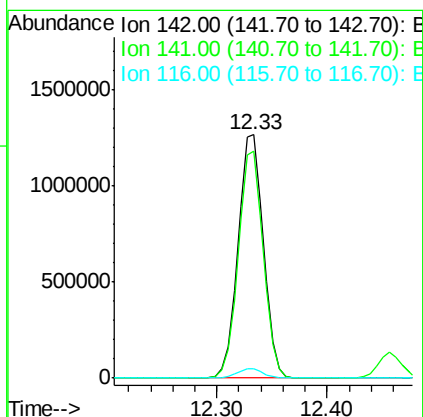
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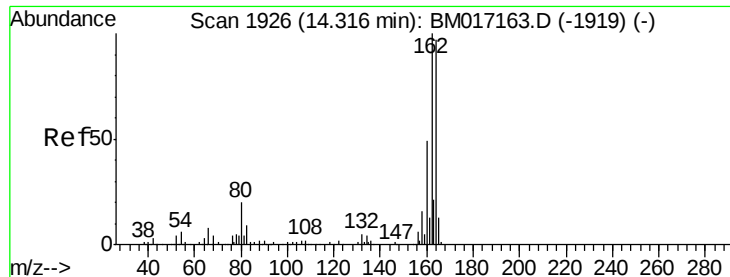
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#38
1-Methylnaphthalene
Concen: 45.947 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion:142 Resp: 2032440
Ion Ratio Lower Upper
142 100
141 93.1 73.8 110.6
116 4.0 2.9 4.3





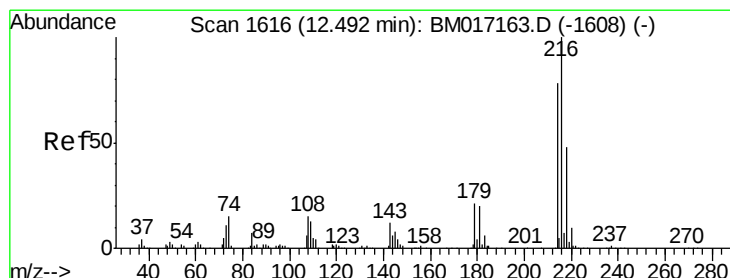
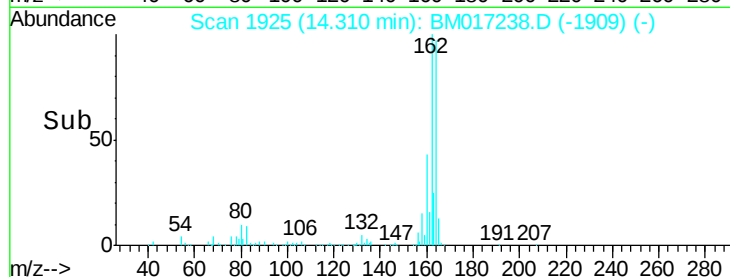
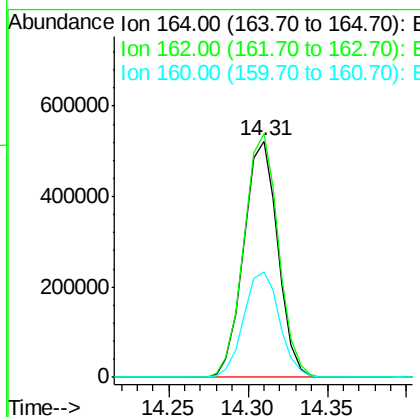
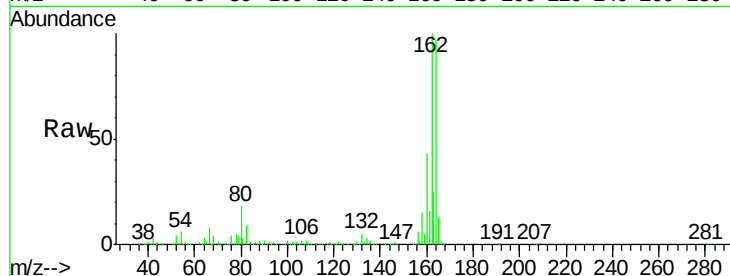
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.1	123.1
160	44.7	40.2	60.2

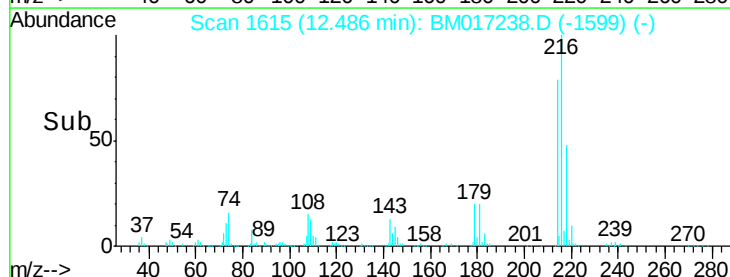
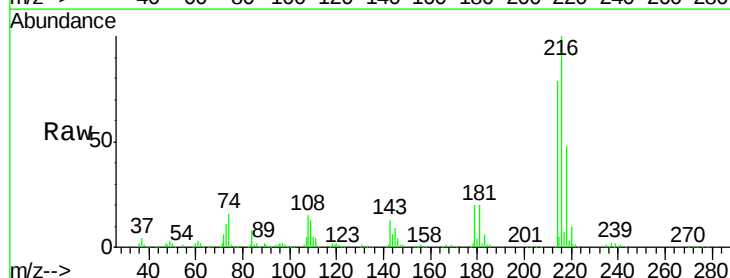
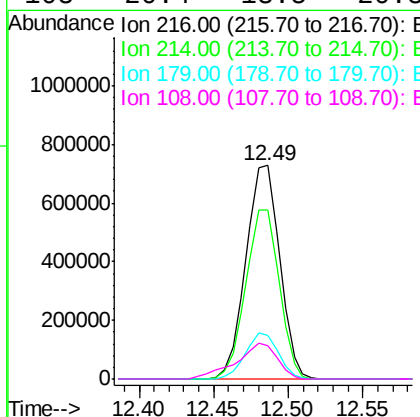
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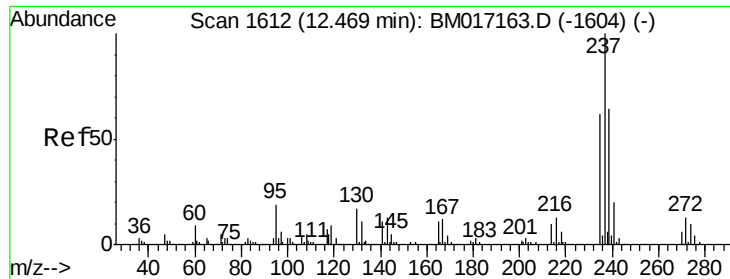
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.575 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	93.8
179	20.8	16.6	24.8
108	20.4	13.5	20.3#





#41

Hexachlorocyclopentadiene

Concen: 124.488 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

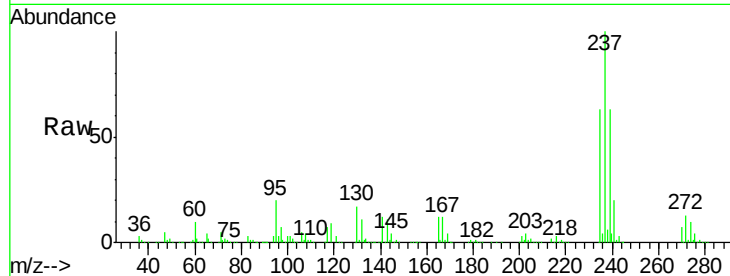
ClientSampleId :

PB113946BS

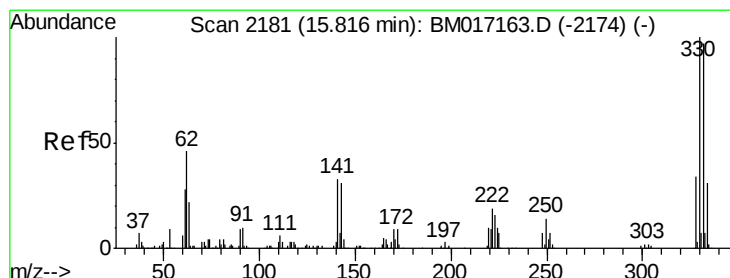
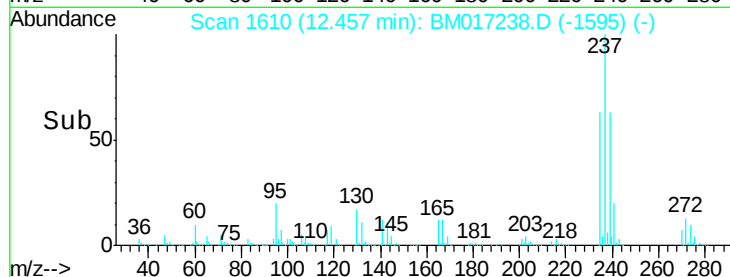
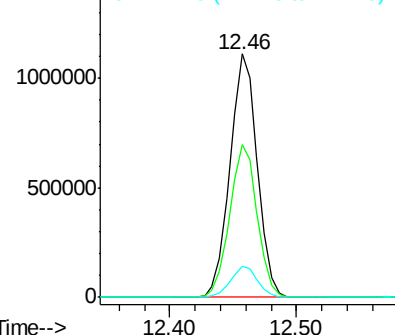
Tgt Ion:	237	Resp:	1651937
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.4	82.4
272	12.9	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 129.062 ng

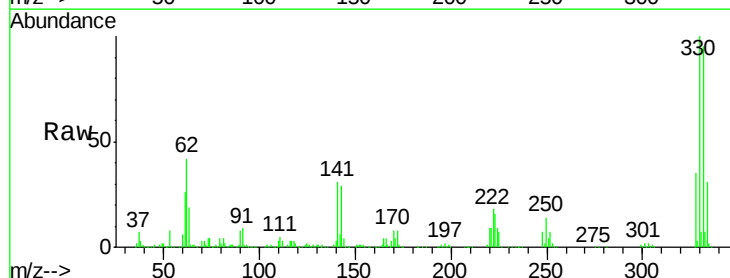
RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

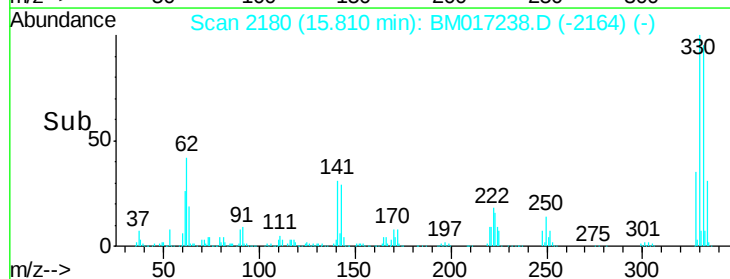
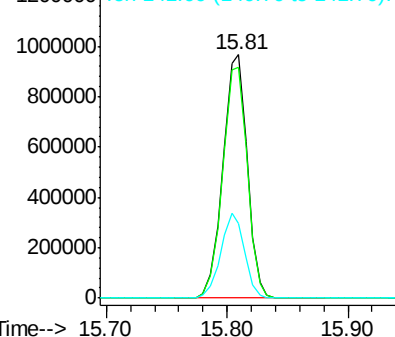
Lab File: BM017238.D

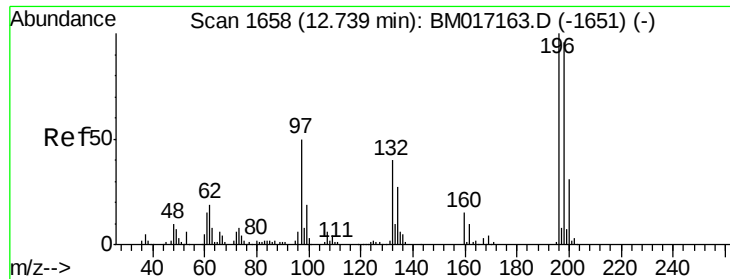
Acq: 19 Oct 2018 20:05

Tgt Ion:	330	Resp:	1360416
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.3	115.9
141	34.1	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





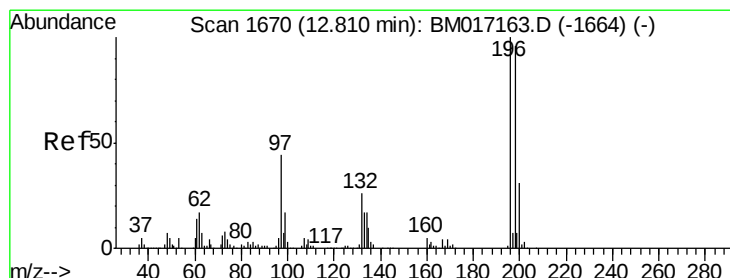
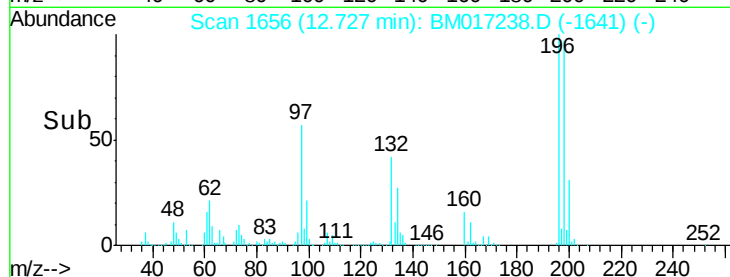
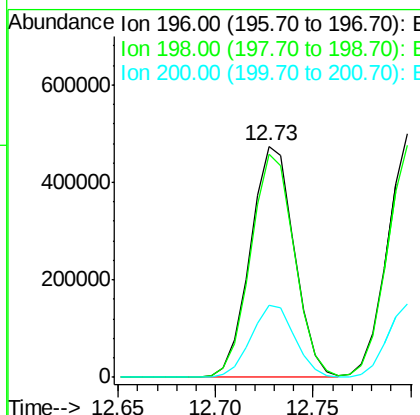
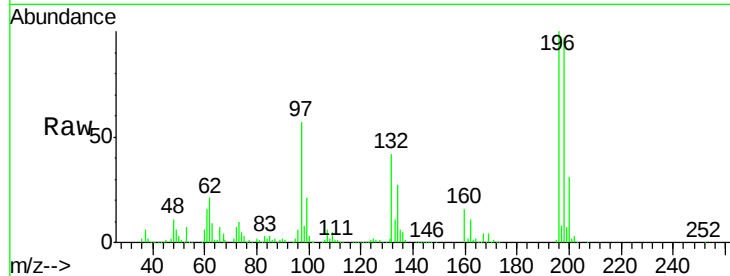
#43
 2,4,6-Trichlorophenol
 Concen: 46.404 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Instrument :
 BNA_M
 ClientSampleId :
 PB113946BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	739421		
198	96.5	77.1	115.7	
200	31.0	25.0	37.4	

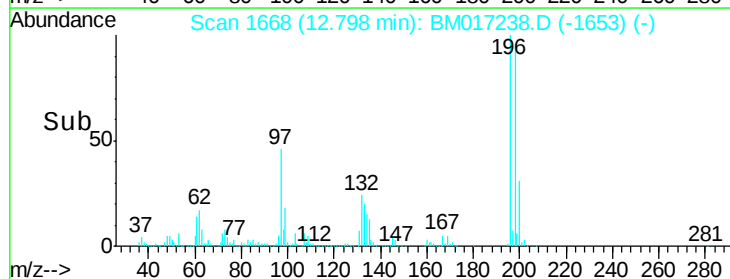
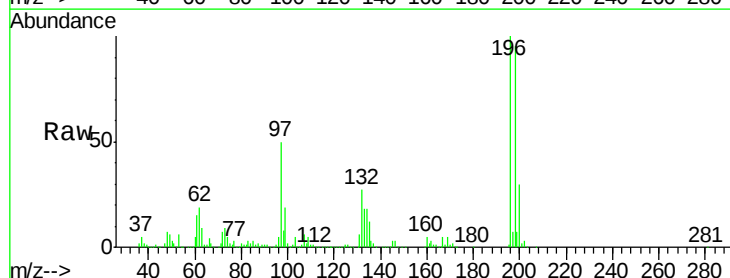
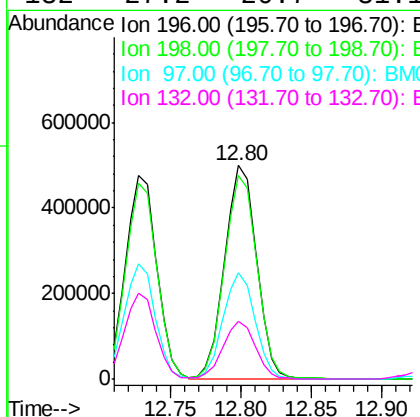
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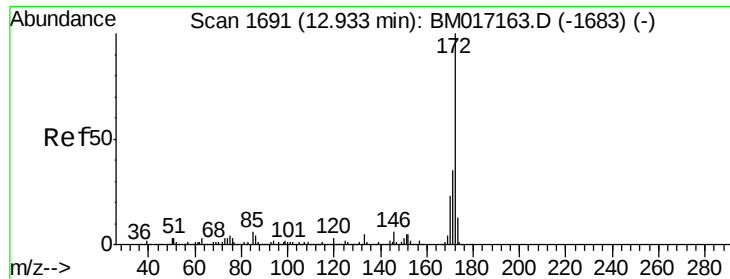
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#44
 2,4,5-Trichlorophenol
 Concen: 45.869 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	783756		
198	95.3	76.6	115.0	
97	49.5	35.5	53.3	
132	27.2	20.7	31.1	





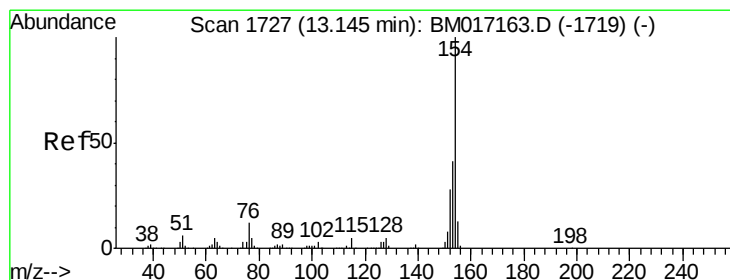
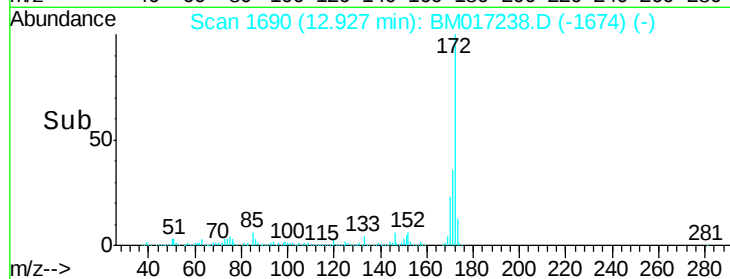
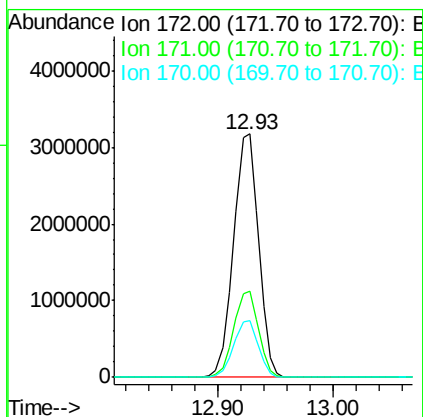
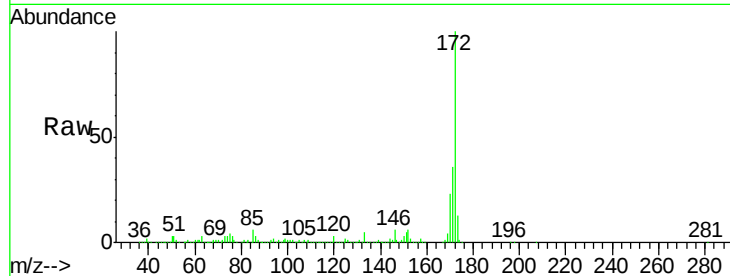
#45
 2-Fluorobiphenyl
 Concen: 81.215 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Instrument :
 BNA_M
 ClientSampleId :
 PB113946BS

Tgt Ion:172 Resp: 4757604
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.3 42.5
 170 23.1 18.3 27.5

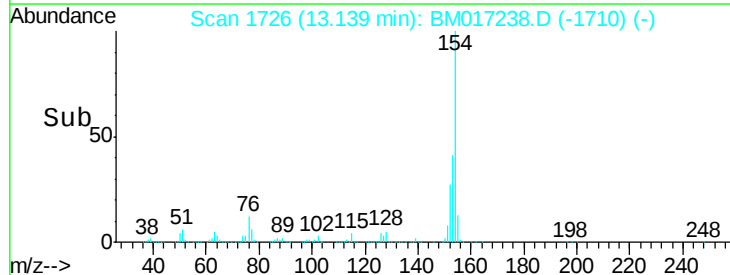
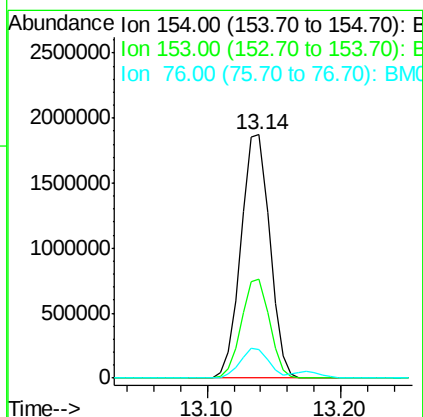
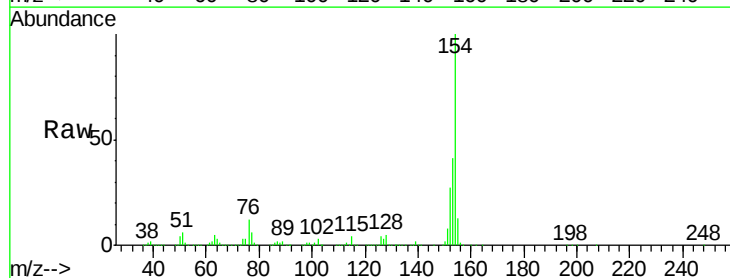
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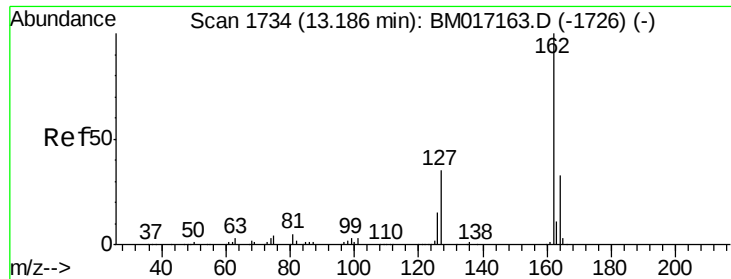
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#46
 1,1'-Biphenyl
 Concen: 39.810 ng
 RT: 13.14 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Tgt Ion:154 Resp: 2792329
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.5 60.5
 76 11.6 0.0 31.8





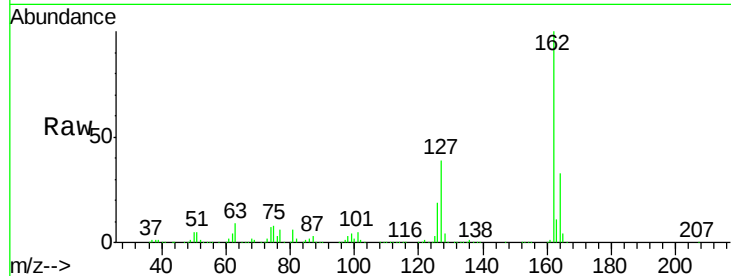
#47
2-Chloronaphthalene
Concen: 41.184 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.0	46.4
164	33.0	26.6	39.8

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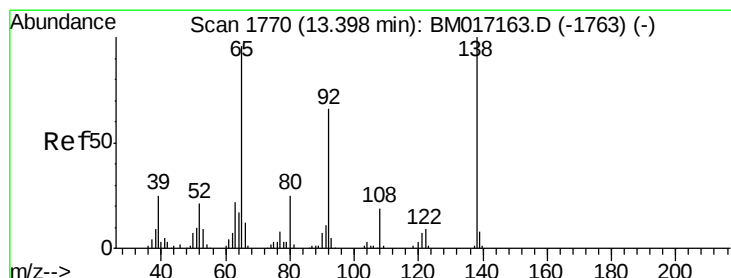
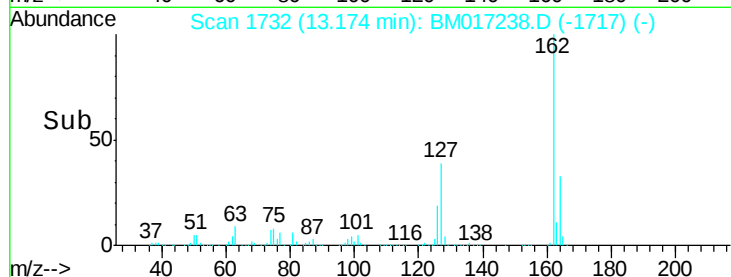
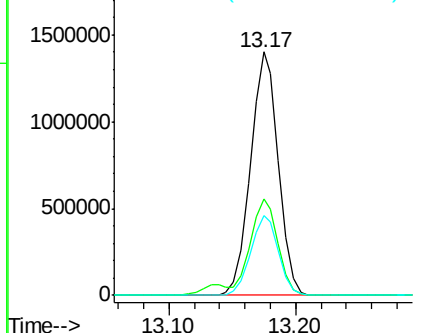


Abundance

Ion 162.00 (161.70 to 162.70): E

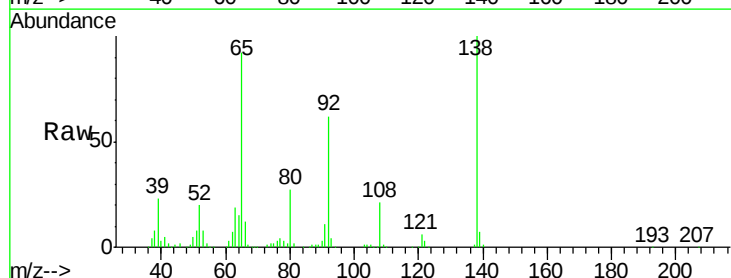
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.956 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	54.9	82.3
138	109.1	83.7	125.5

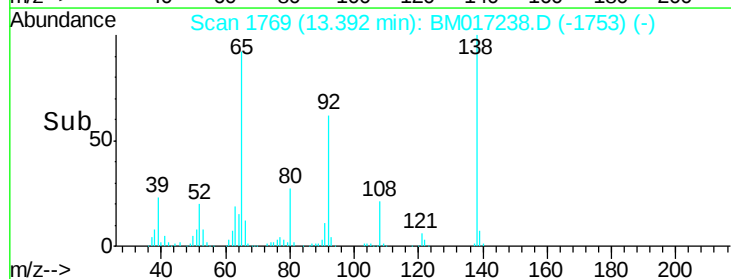
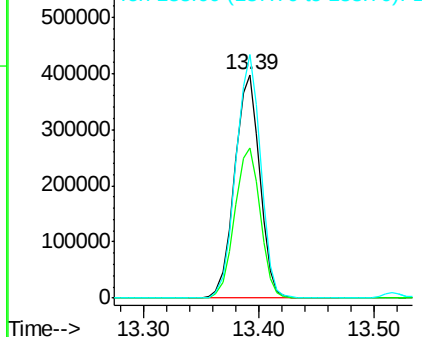


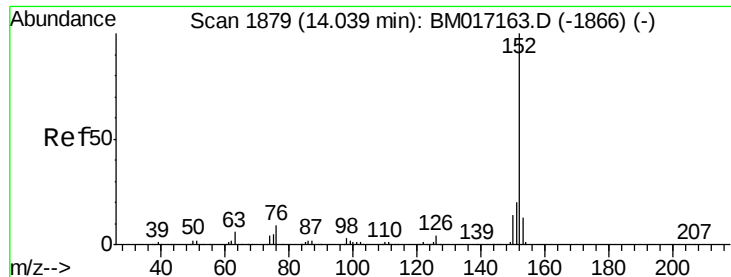
Abundance

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: 45.403 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

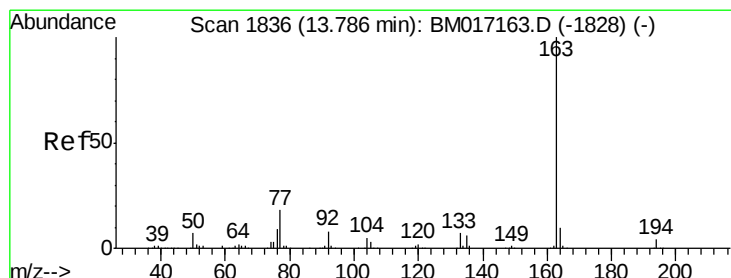
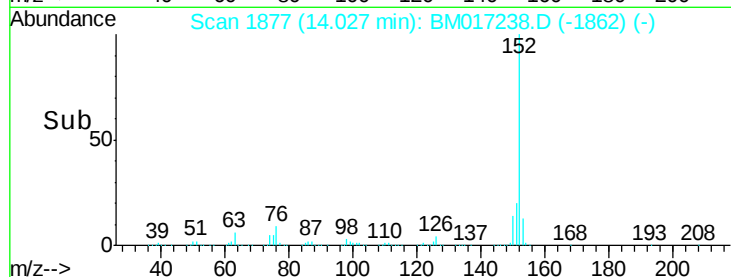
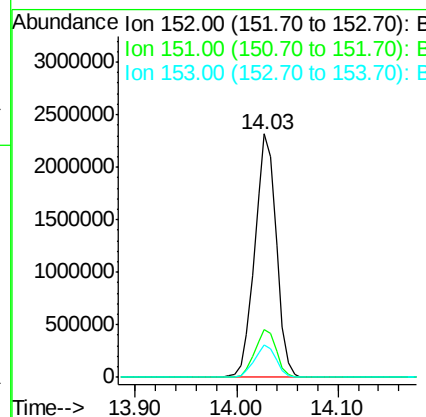
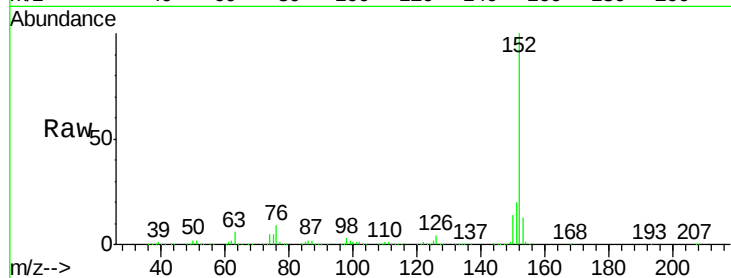
ClientSampleId :

PB113946BS

Tgt Ion:	152	Resp:	3395914
Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.0	24.0
153	13.1	10.4	15.6

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#50

Dimethylphthalate

Concen: 41.938 ng

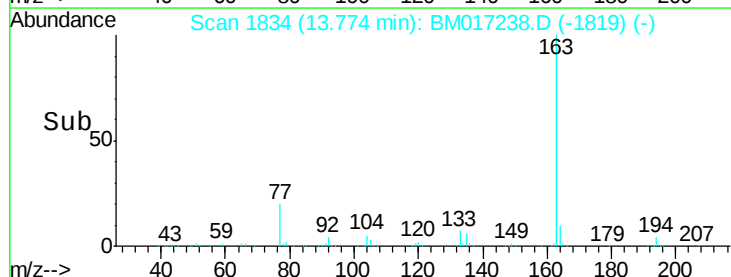
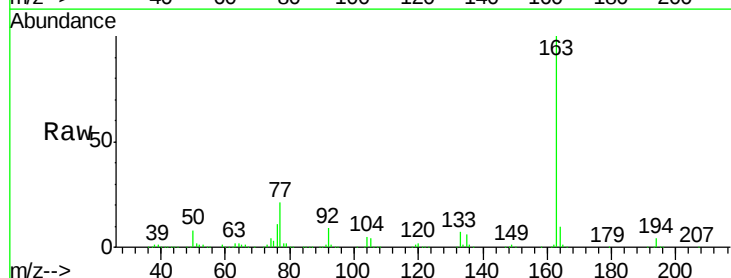
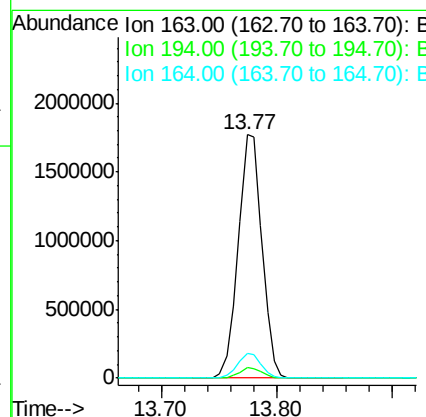
RT: 13.77 min Scan# 1834

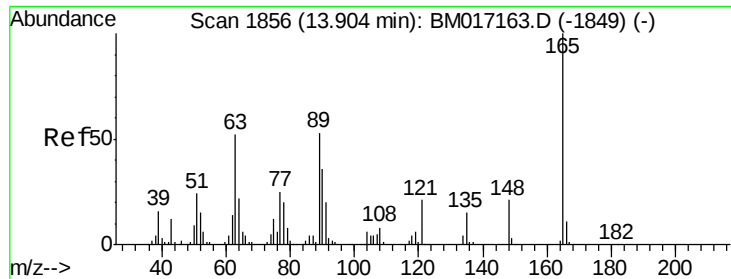
Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Tgt Ion:	163	Resp:	2521899
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	7.8	11.8





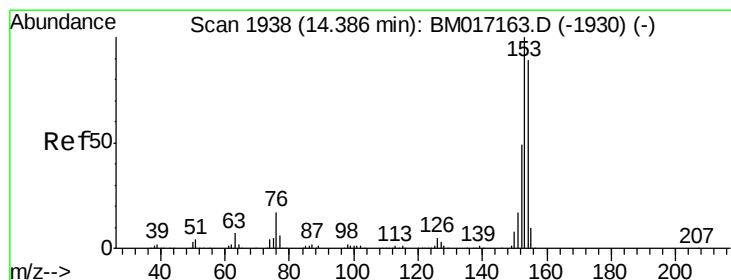
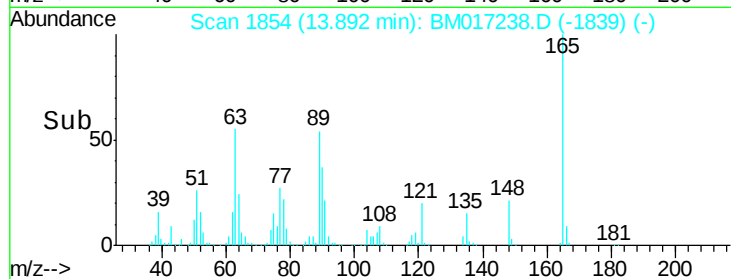
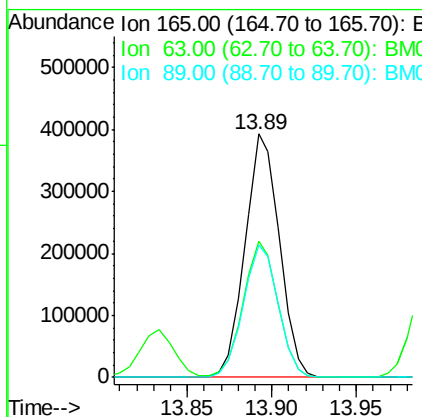
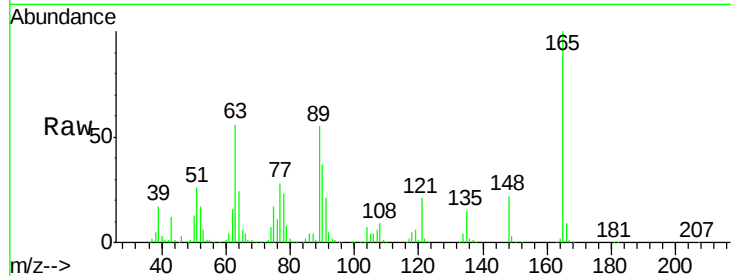
#51
 2,6-Dinitrotoluene
 Concen: 42.105 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Instrument :
 BNA_M
 ClientSampleId :
 PB113946BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.8	42.7	64.1
89	54.6	42.1	63.1

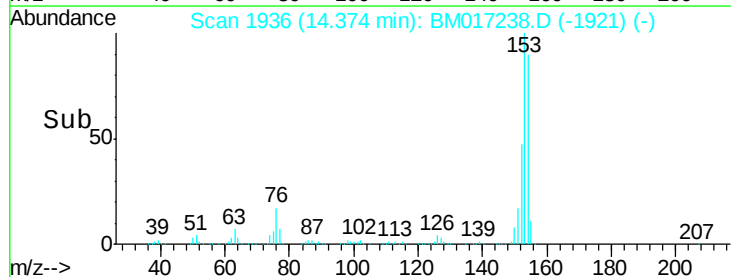
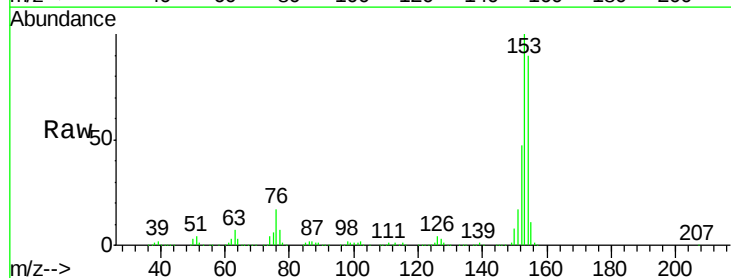
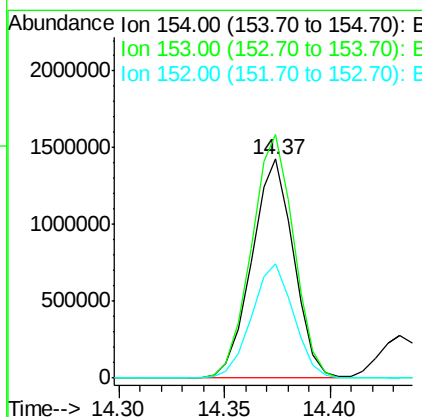
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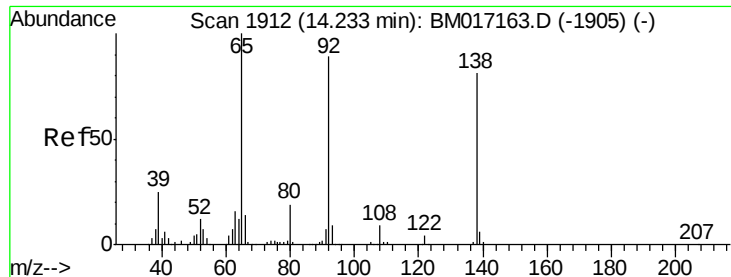
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#52
 Acenaphthene
 Concen: 41.916 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.2	135.2
152	52.3	44.2	66.4





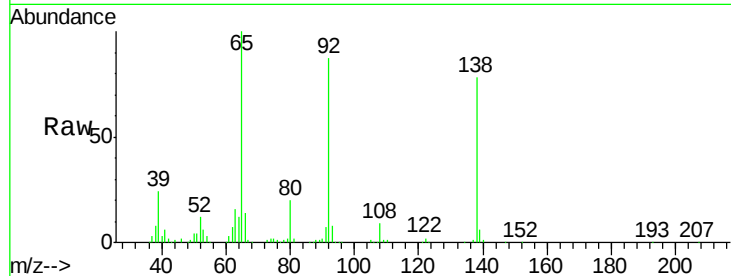
#53
3-Nitroaniline
Concen: 25.456 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

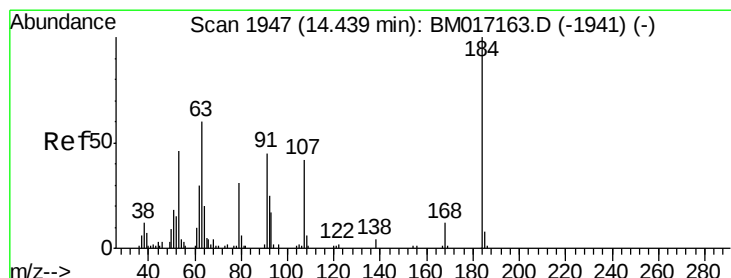
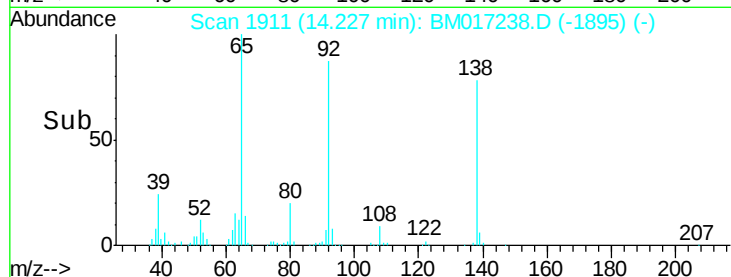
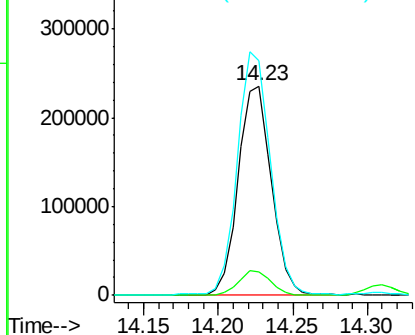
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	364892		
108	11.2	8.7	13.1	
92	111.7	87.9	131.9	

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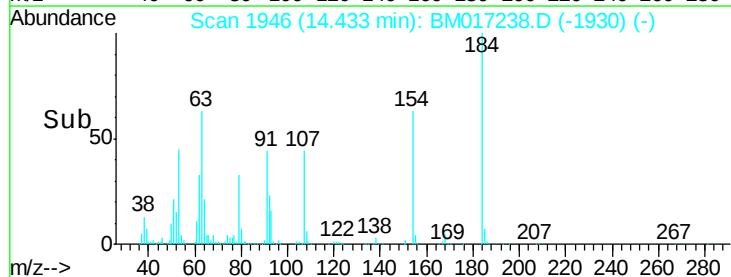
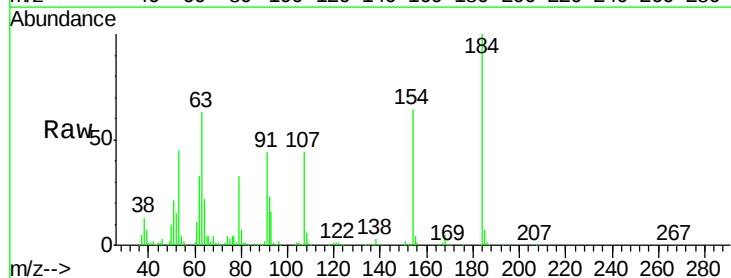
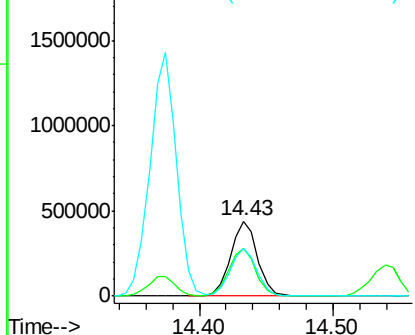
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

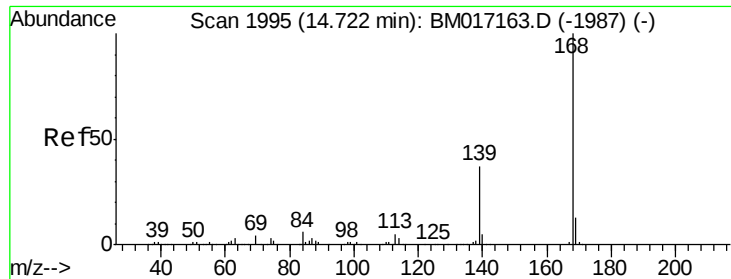


#54
2,4-Dinitrophenol
Concen: 79.142 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	613732		
63	63.3	51.2	76.8	
154	63.9	47.8	71.8	

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





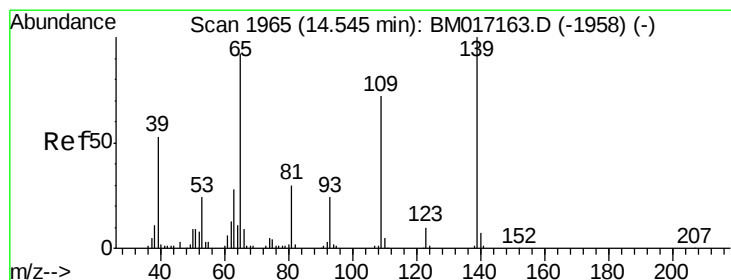
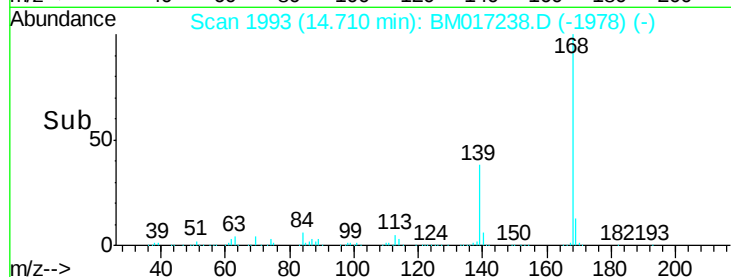
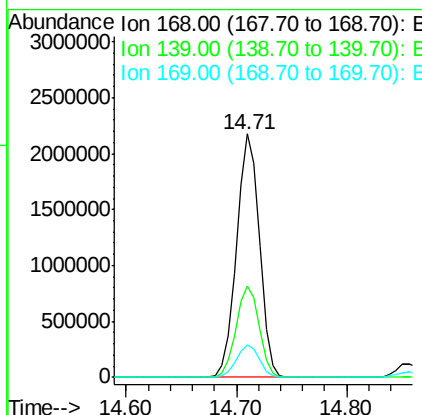
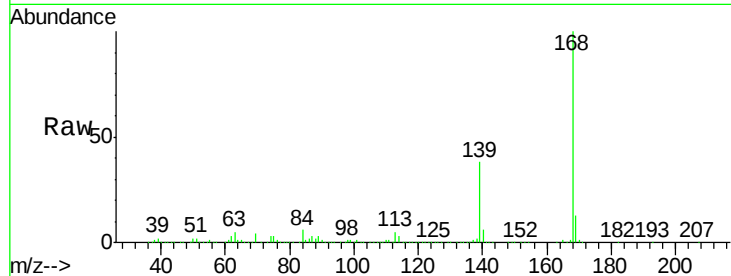
#55
Dibenzenofuran
Concen: 40.509 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion:168 Resp: 3163606
Ion Ratio Lower Upper
168 100
139 37.7 29.3 43.9
169 13.5 10.6 15.8

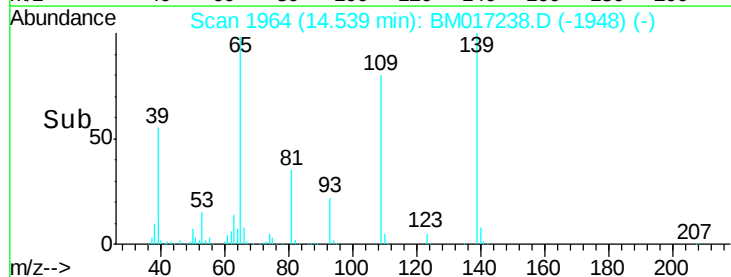
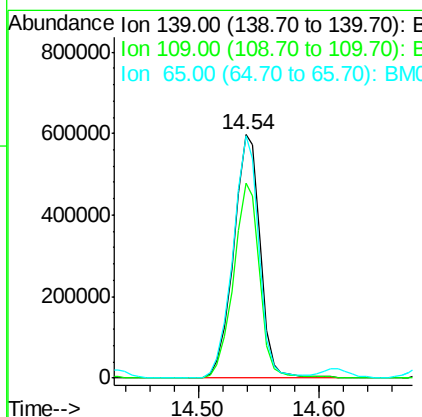
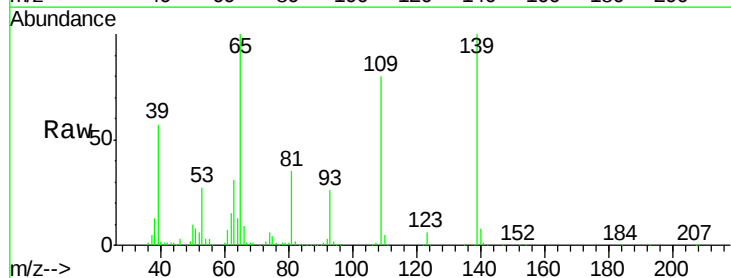
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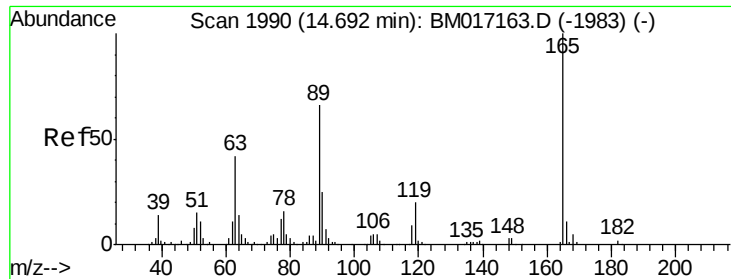
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#56
4-Nitrophenol
Concen: 70.953 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion:139 Resp: 919545
Ion Ratio Lower Upper
139 100
109 80.0 51.8 91.8
65 99.6 72.1 112.1





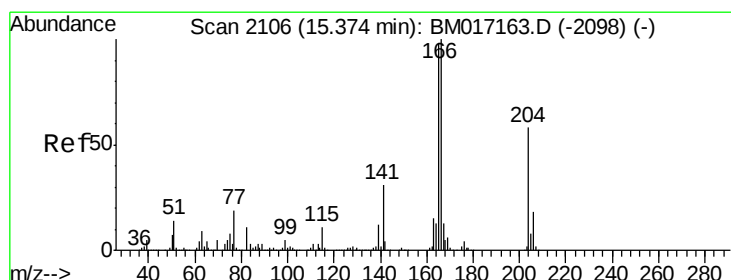
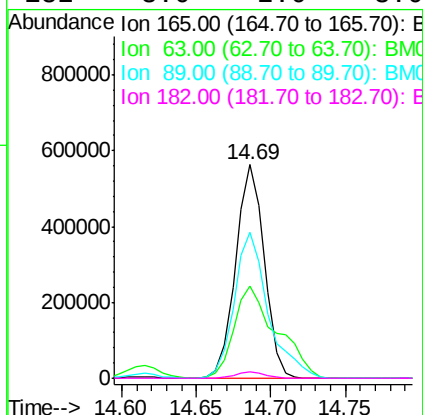
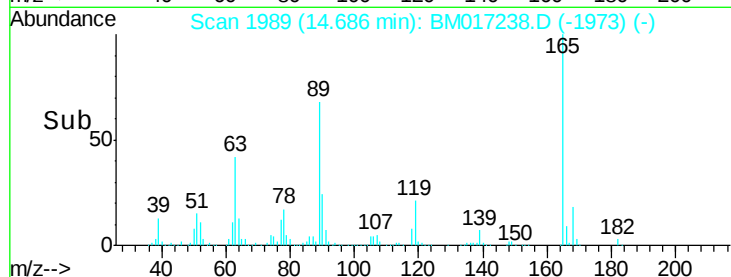
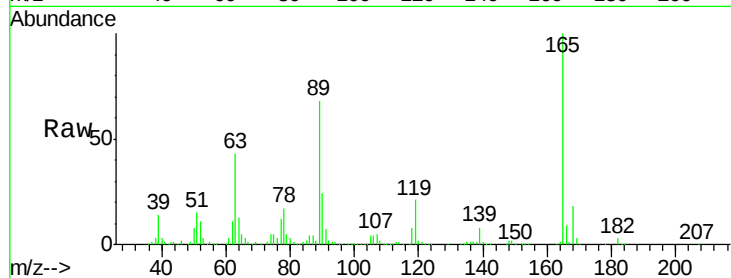
#57
2,4-Dinitrotoluene
Concen: 42.223 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	751101		
63	43.0	33.8	50.8	
89	68.4	53.1	79.7	
182	3.0	2.0	3.0#	

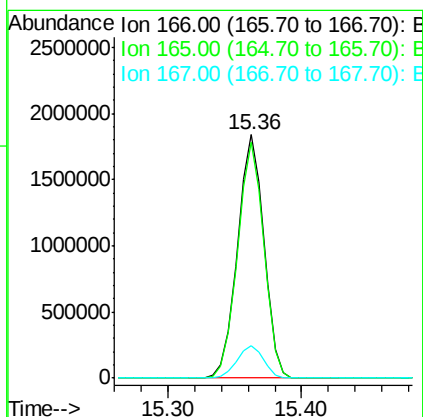
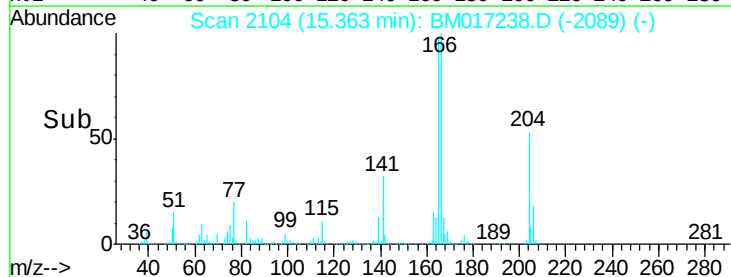
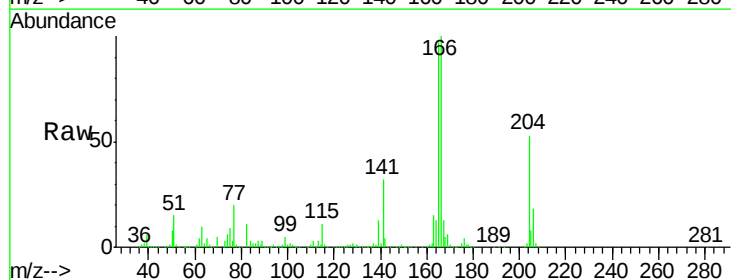
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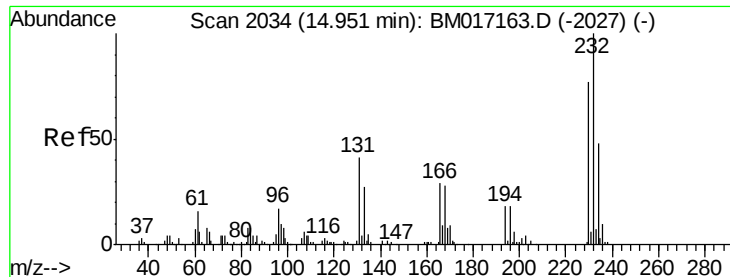
Sohil
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#58
Fluorene
Concen: 43.447 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2511481		
165	97.0	78.1	117.1	
167	13.3	10.6	16.0	





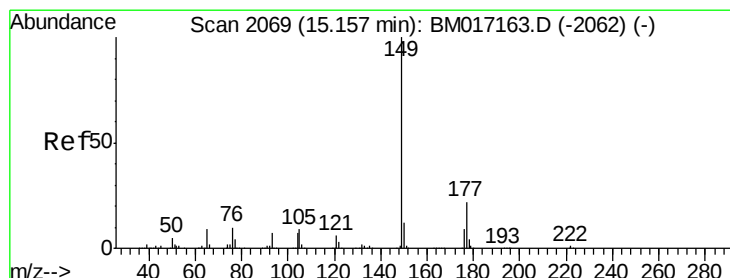
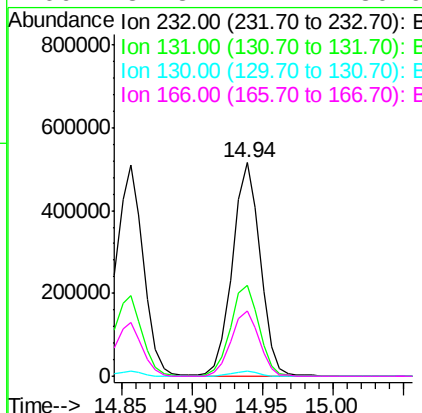
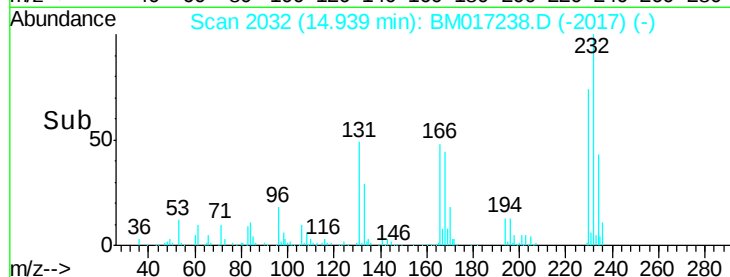
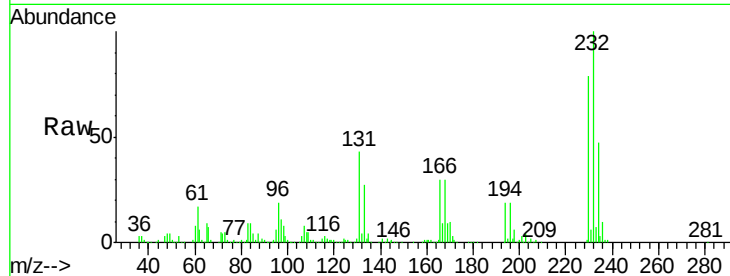
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.256 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	704880		
131	43.6	33.1	49.7	
130	2.3	1.7	2.5	
166	31.3	24.4	36.6	

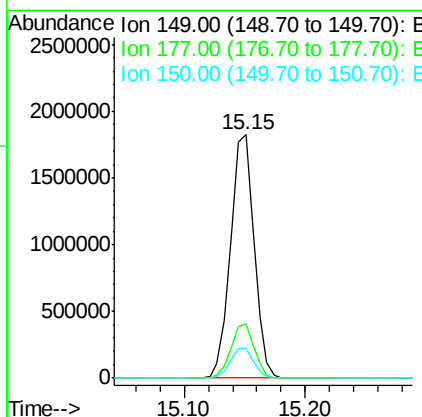
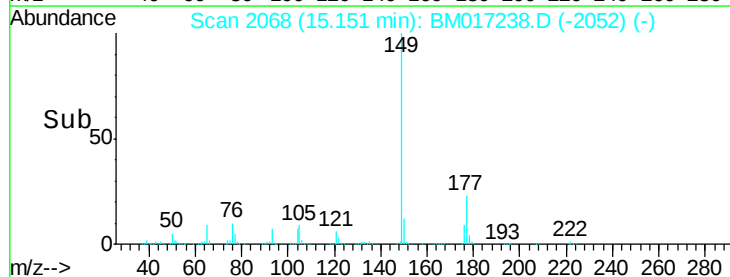
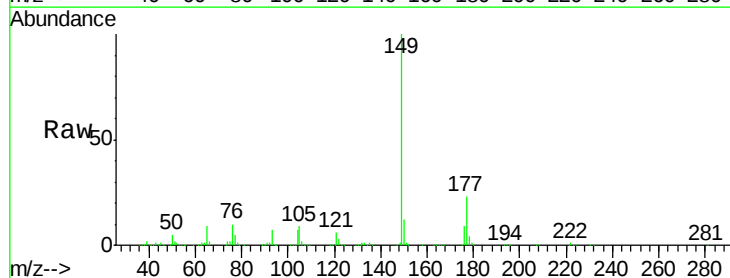
Manual Integrations
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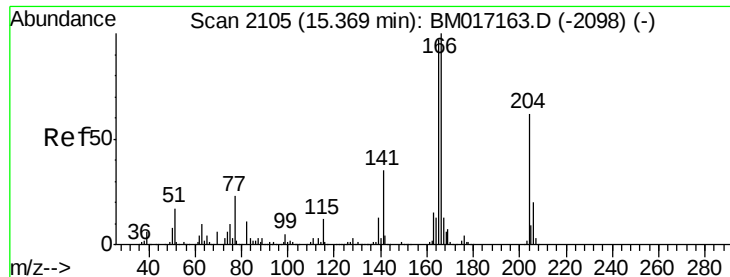
Sohil
10/22/2018 1:09:24 PM



#60
Diethylphthalate
Concen: 41.708 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2487306		
177	22.5	17.7	26.5	
150	12.3	10.0	15.0	





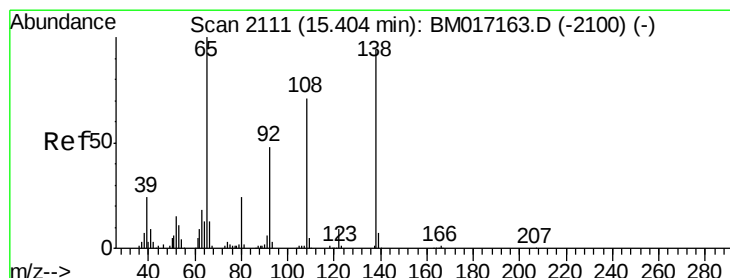
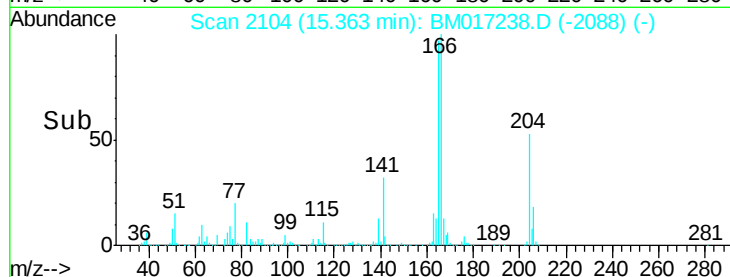
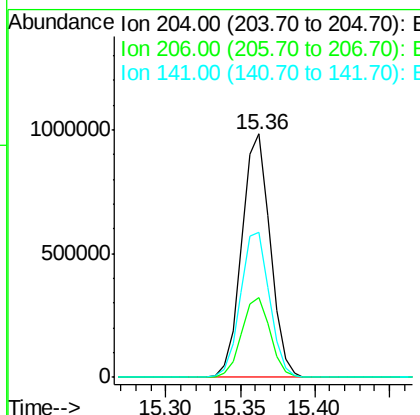
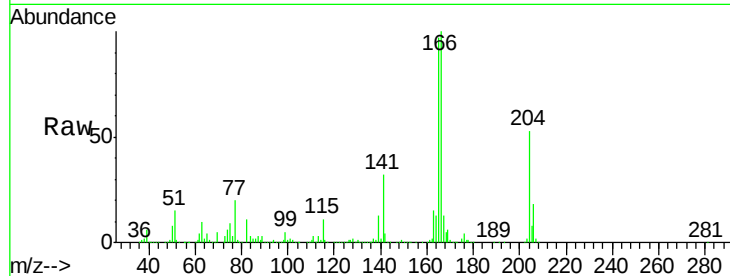
#61
 4-Chlorophenyl-phenylether
 Concen: 39.361 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Instrument :
 BNA_M
 ClientSampleId :
 PB113946BS

Tgt Ion:204 Resp: 1297118
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.1 39.1
 141 59.4 45.4 68.2

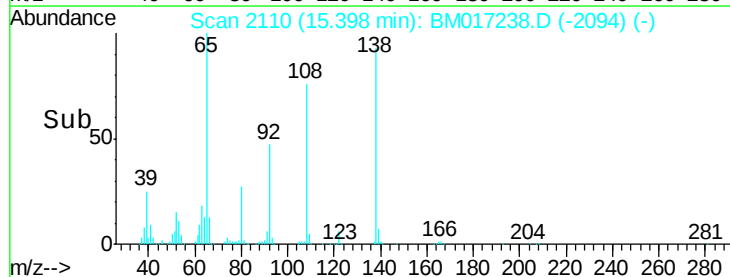
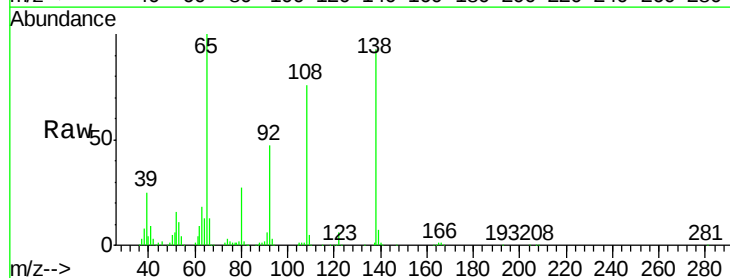
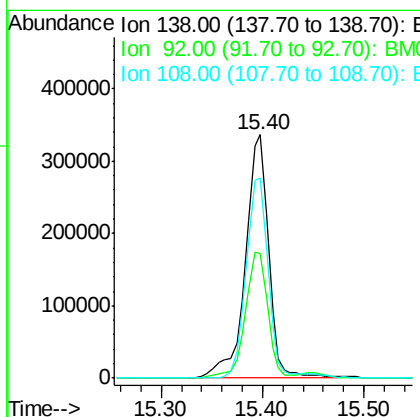
Manual Integrations
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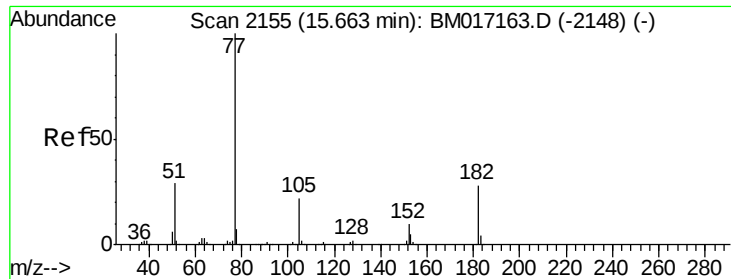
Sohil
 10/22/2018 1:09:24 PM



#62
 4-Nitroaniline
 Concen: 35.000 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Tgt Ion:138 Resp: 537037
 Ion Ratio Lower Upper
 138 100
 92 51.0 31.2 71.2
 108 82.1 55.5 95.5





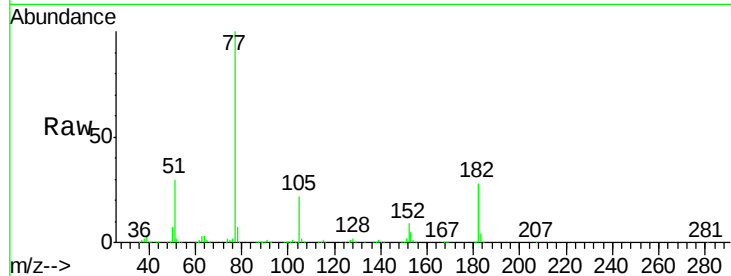
#63
Azobenzene
Concen: 42.012 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.0	8.3	48.3
105	21.6	1.5	41.5
51	30.0	8.8	48.8

Manual Integrations
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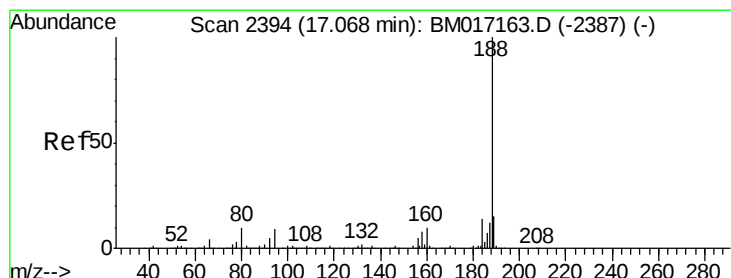
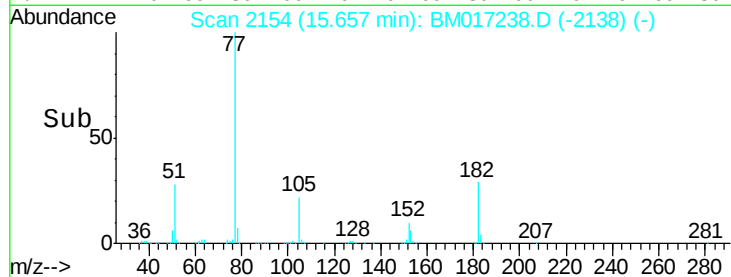
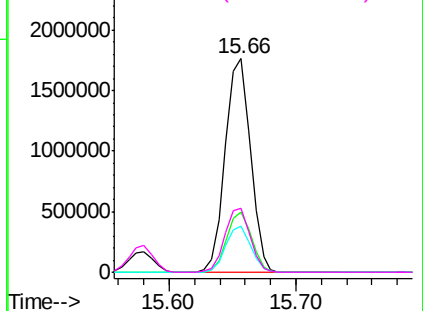


Abundance Ion 77.00 (76.70 to 77.70): BM017238.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017238.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017238.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017238.D (-2138) (-)



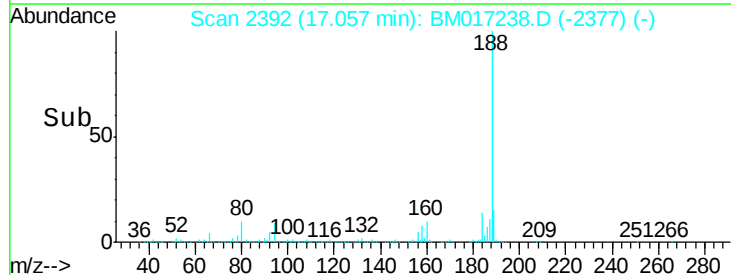
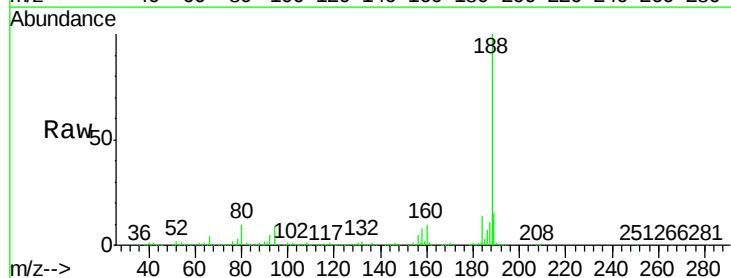
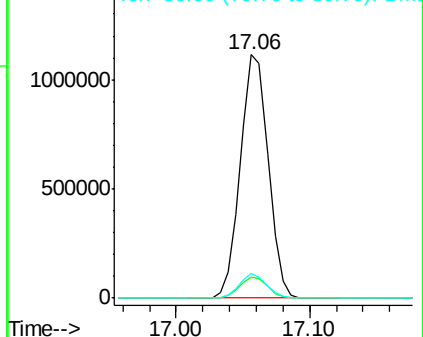
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

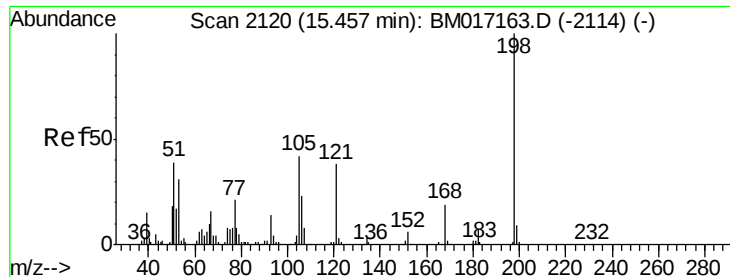
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.9	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): BM017238.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017238.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017238.D (-2377) (-)





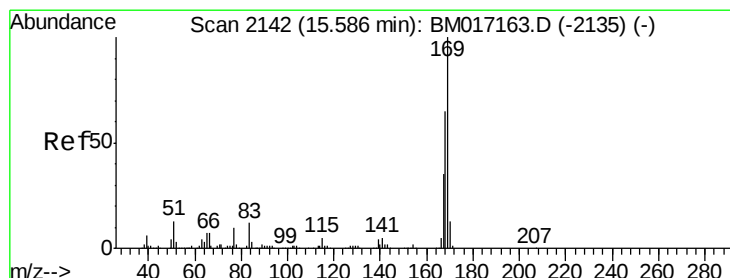
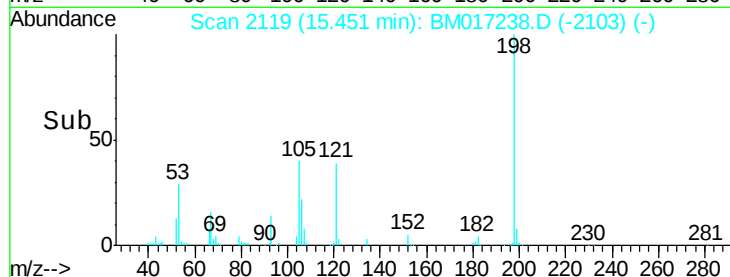
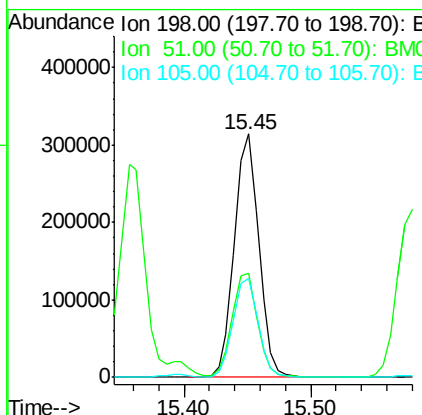
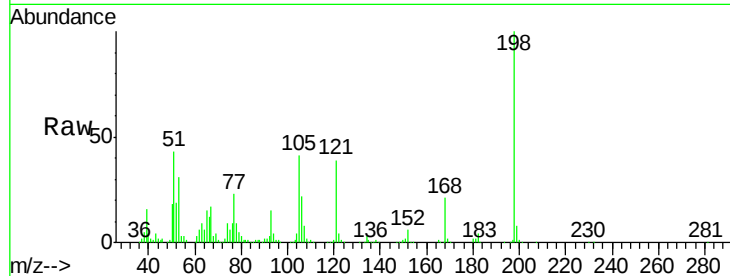
#65
4,6-Dinitro-2-methylphenol
Concen: 41.753 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	420075		
51	43.0	20.3	60.3	
105	40.5	21.9	61.9	

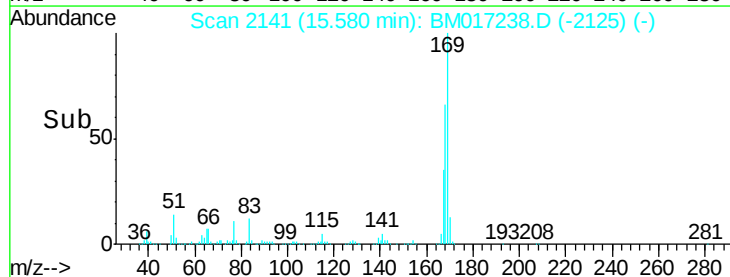
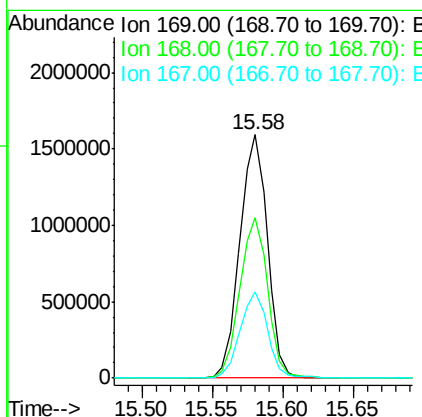
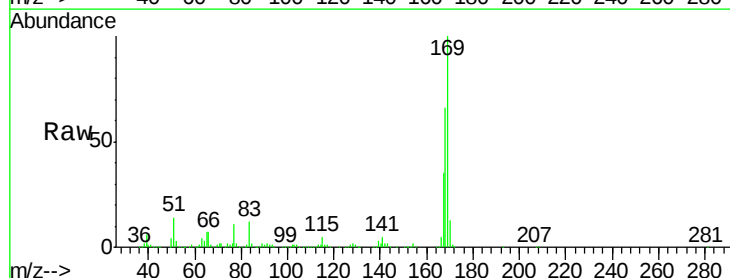
Manual Integrations
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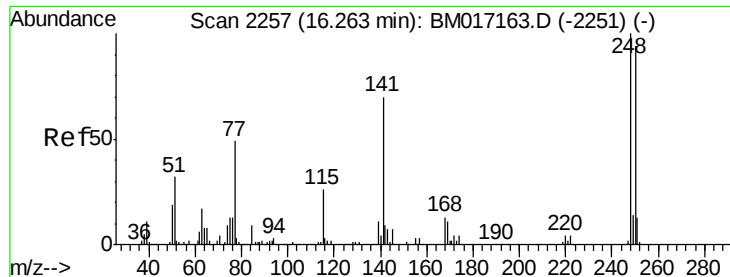
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 44.743 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2176472		
168	65.7	52.2	78.4	
167	35.3	28.4	42.6	





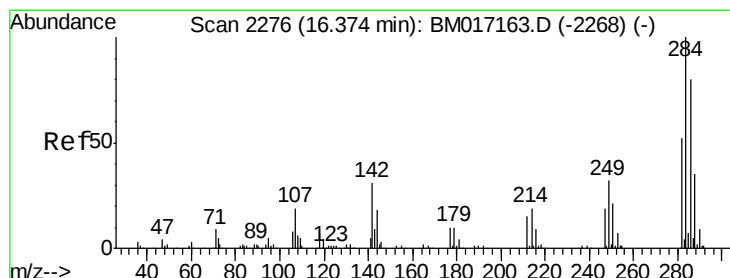
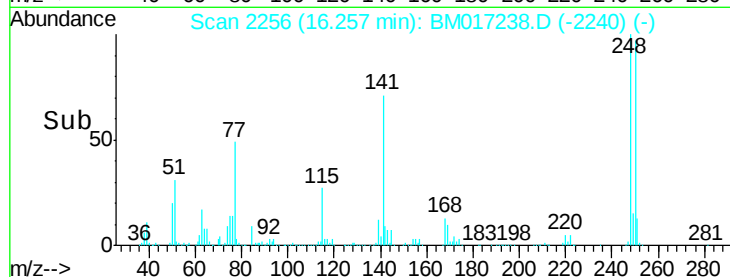
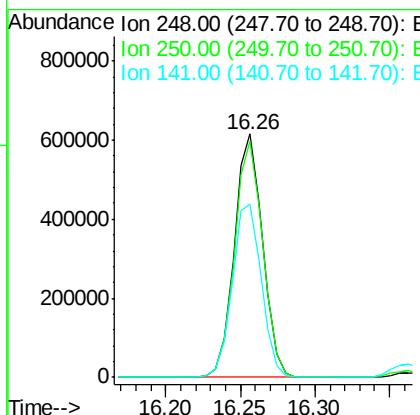
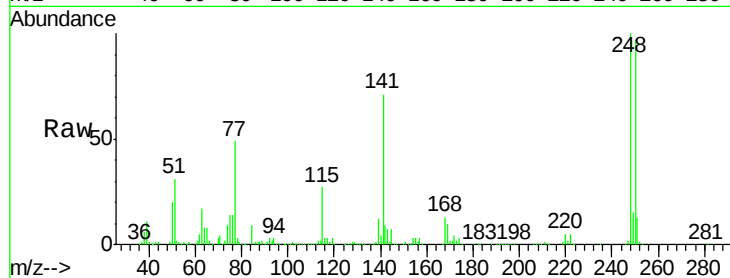
#67
4-Bromophenyl-phenylether
Concen: 45.765 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.1	112.7
141	71.4	55.6	83.4

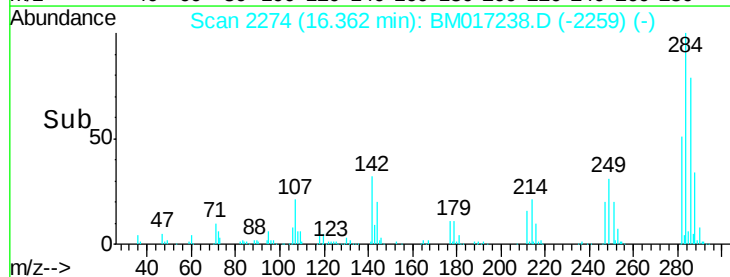
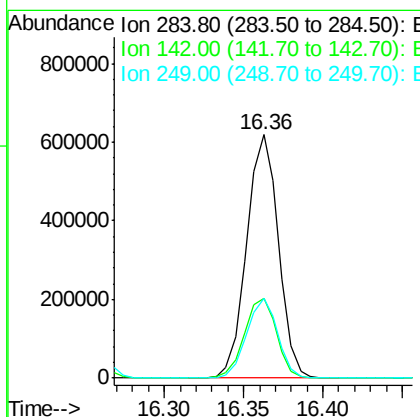
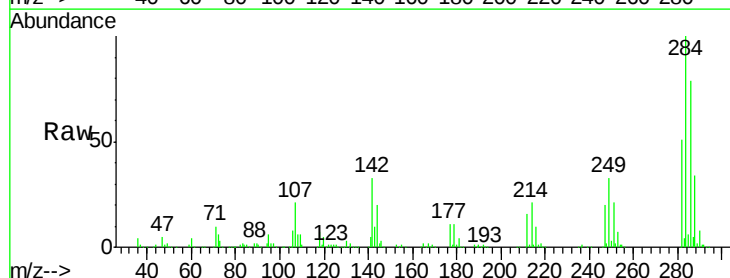
Manual Integrations
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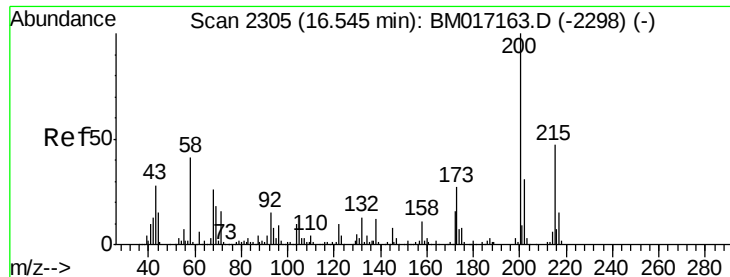
Sohil
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#68
Hexachlorobenzene
Concen: 42.011 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	25.0	37.6
249	32.7	25.5	38.3





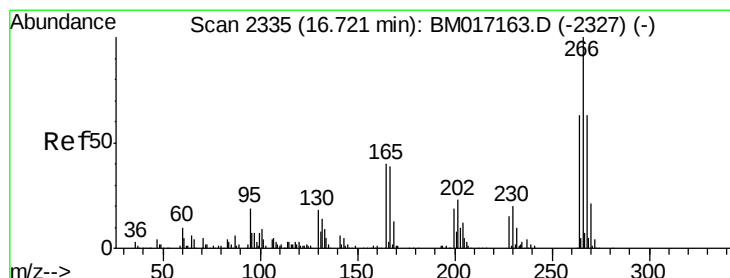
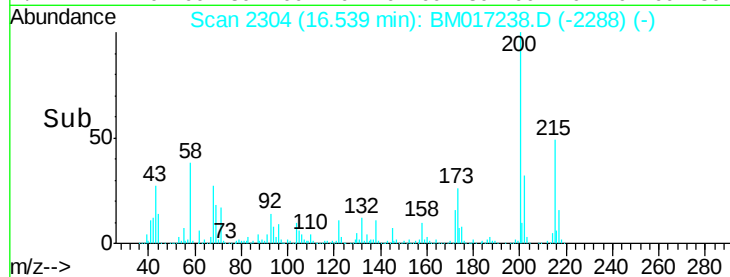
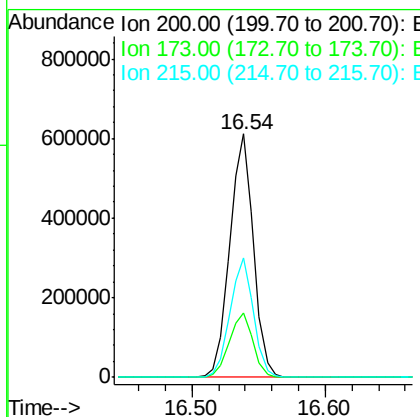
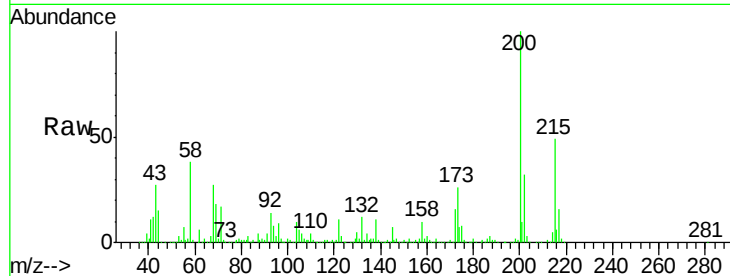
#69
 Atrazine
 Concen: 43.569 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Instrument :
 BNA_M
 ClientSampleId :
 PB113946BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	758539		
173	26.5	7.0	47.0	
215	49.2	27.3	67.3	

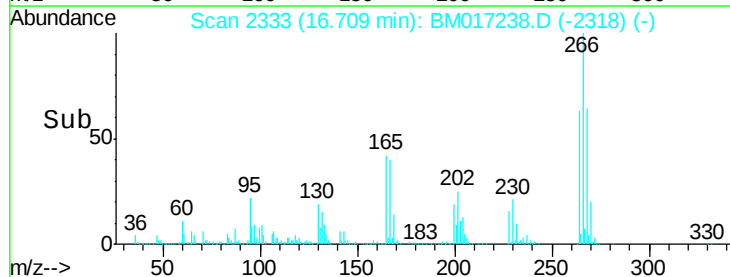
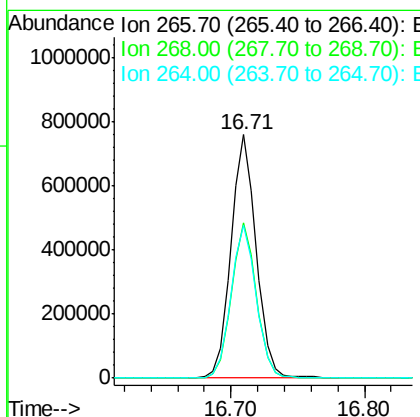
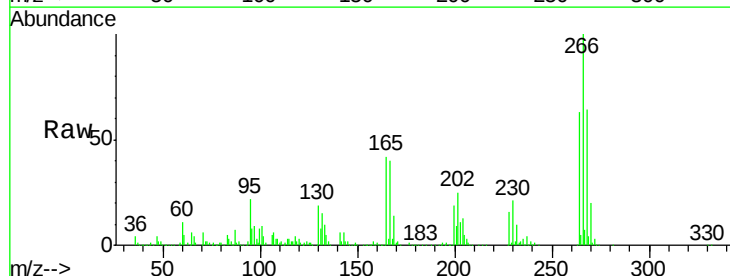
Manual Integrations
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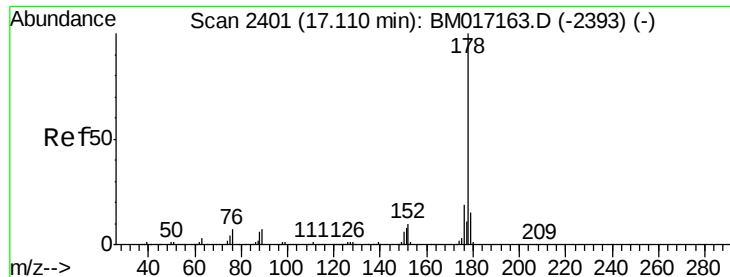
Sohil
 10/22/2018 1:09:24 PM



#70
 Pentachlorophenol
 Concen: 71.417 ng
 RT: 16.71 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1003258		
268	63.9	50.7	76.1	
264	62.8	50.4	75.6	





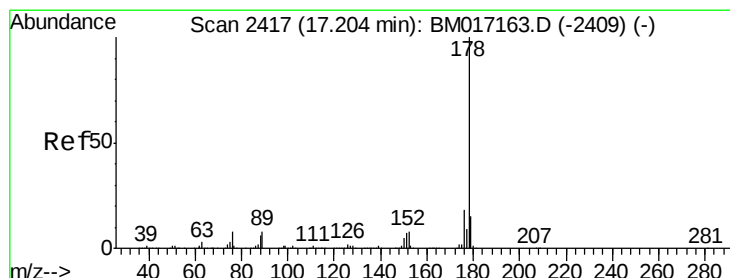
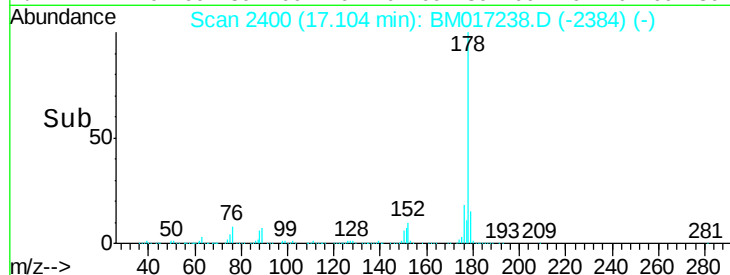
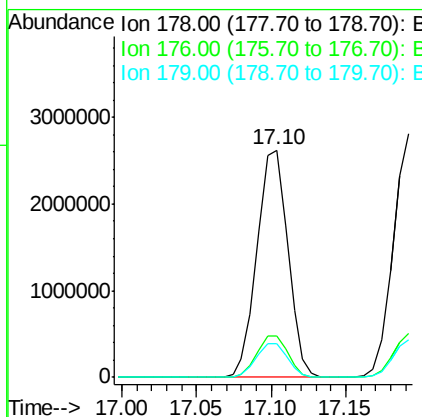
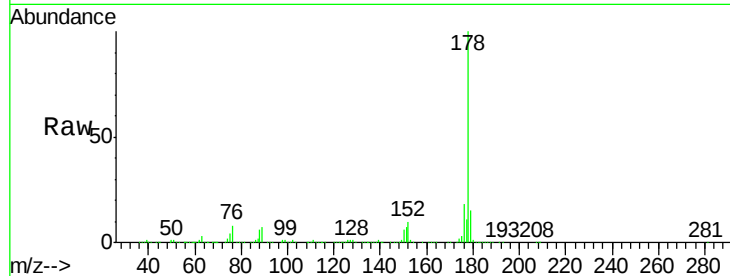
#71
Phenanthrene
Concen: 43.299 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion:178 Resp: 3756035
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.1 12.3 18.5

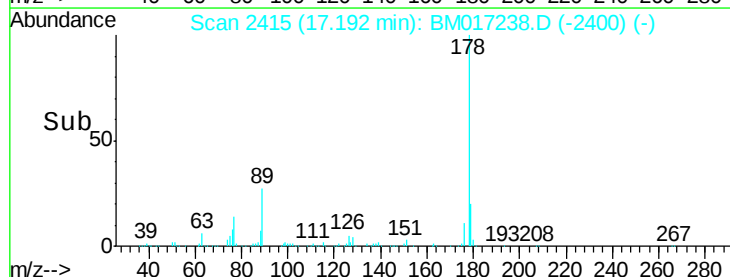
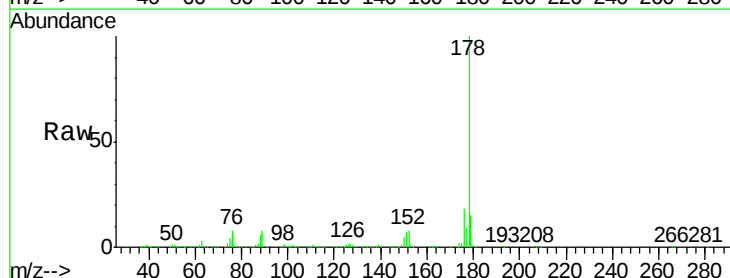
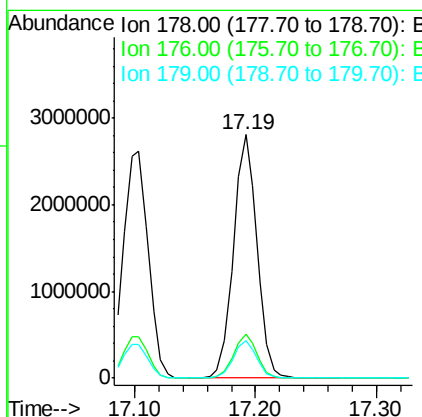
Manual Integrations
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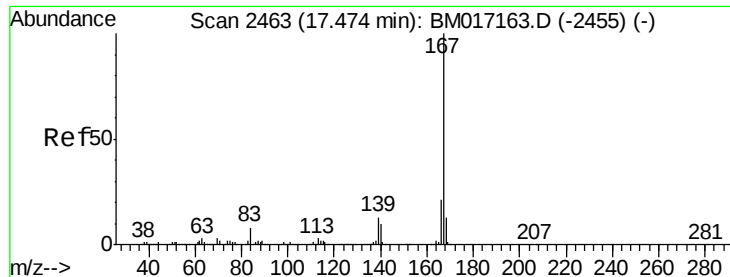
Sohil
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#72
Anthracene
Concen: 46.124 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion:178 Resp: 3801817
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 15.4 12.2 18.2





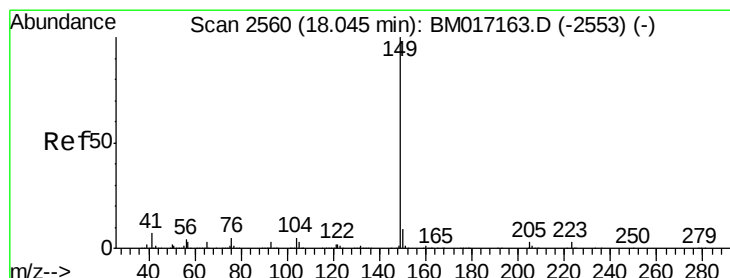
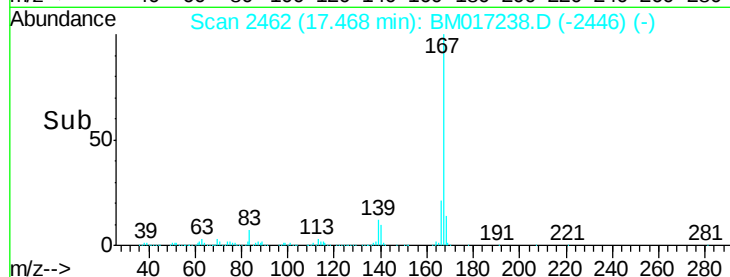
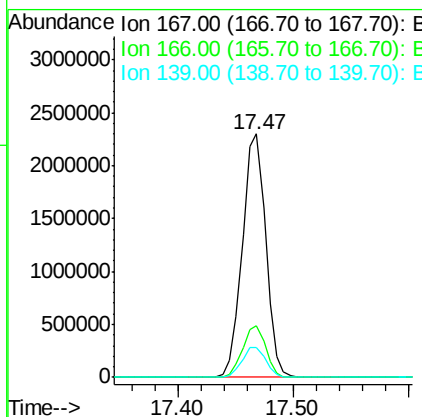
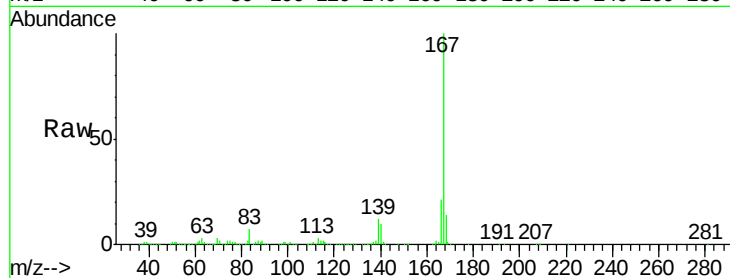
#73
 Carbazole
 Concen: 38.427 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Instrument :
 BNA_M
 ClientSampleId :
 PB113946BS

Tgt Ion:167 Resp: 3235426
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 12.3 10.1 15.1

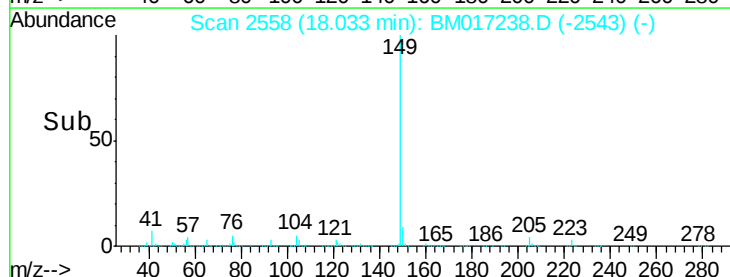
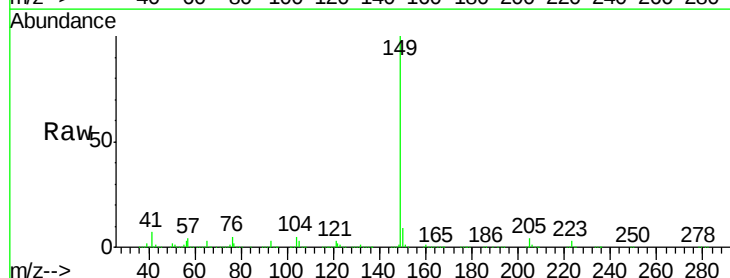
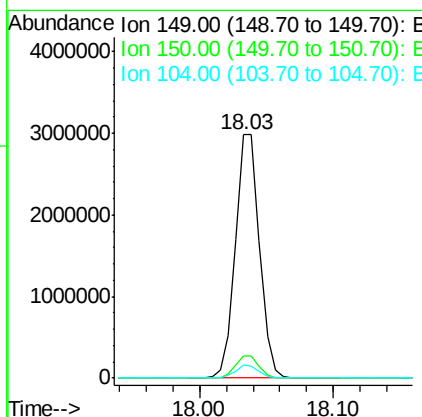
Manual Integrations
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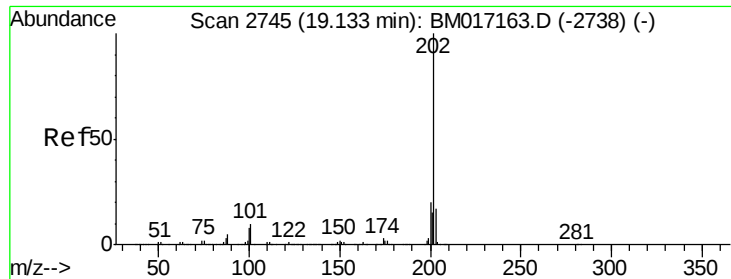
Sohil
 10/22/2018 1:09:24 PM



#74
 Di-n-butylphthalate
 Concen: 42.273 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017238.D
 Acq: 19 Oct 2018 20:05

Tgt Ion:149 Resp: 3754045
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 39.954 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

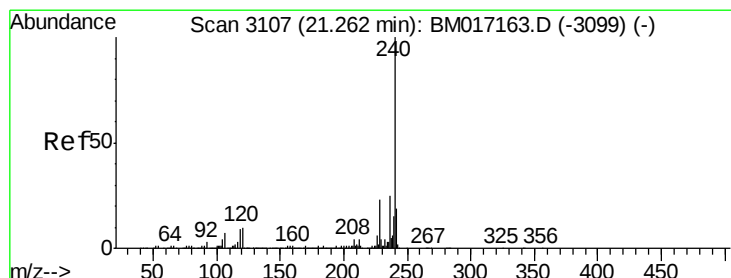
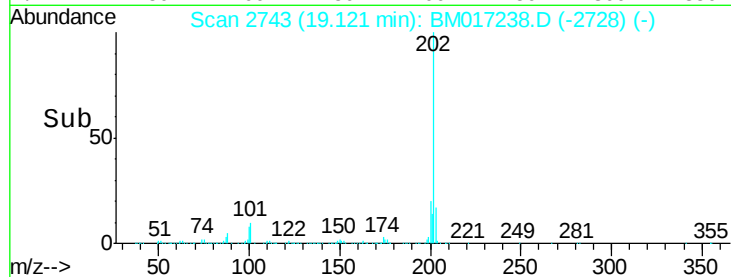
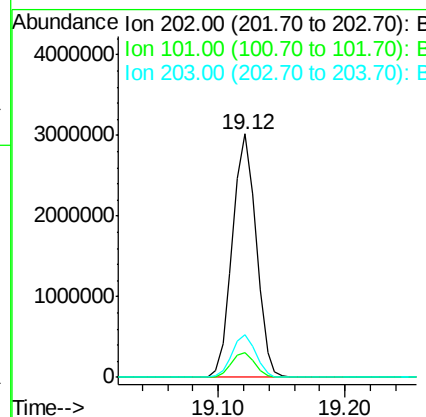
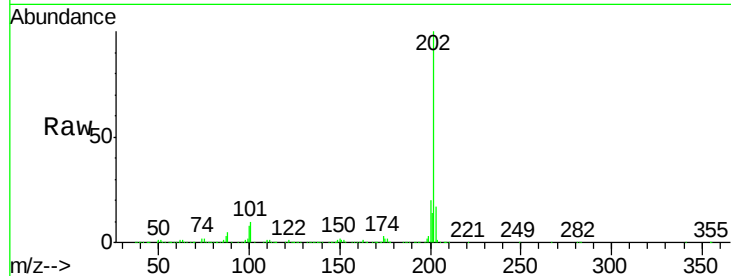
ClientSampleId :

PB113946BS

Tgt Ion:	202	Resp:	3900087
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.0
203	17.3	0.0	37.2

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

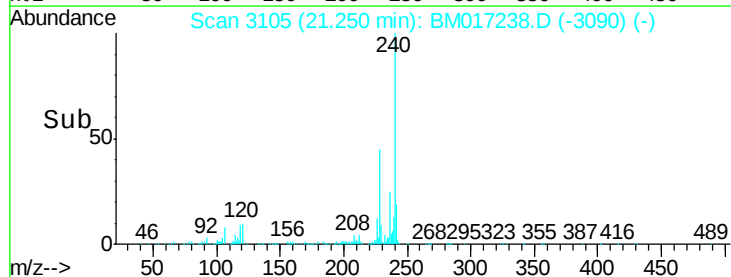
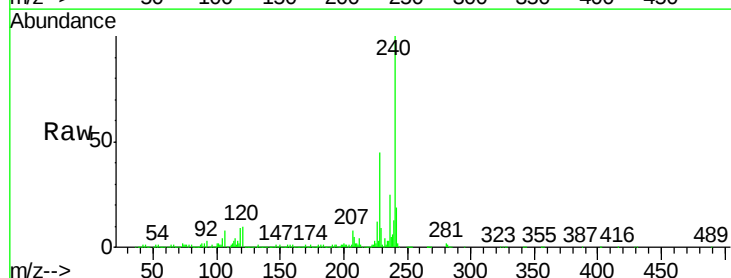
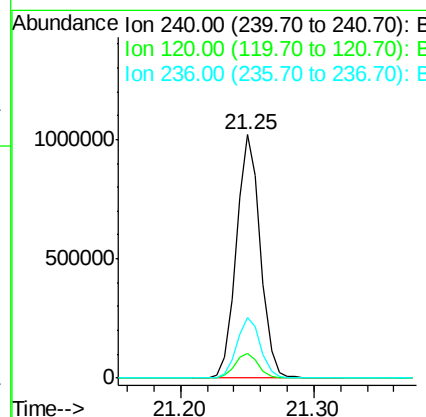
RT: 21.25 min Scan# 3105

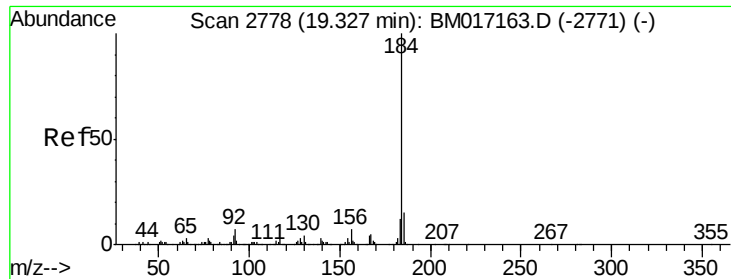
Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Tgt Ion:	240	Resp:	1275172
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.1	12.1
236	24.7	19.9	29.9





#77

Benzidine

Concen: 56.417 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

ClientSampleId :

PB113946BS

Tgt Ion:184 Resp: 1824179

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.8

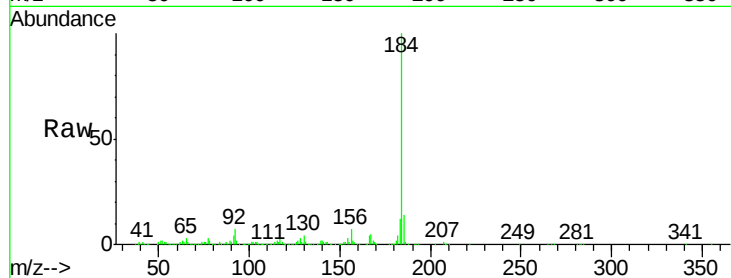
183 11.8 9.7 14.5

Manual Integrations

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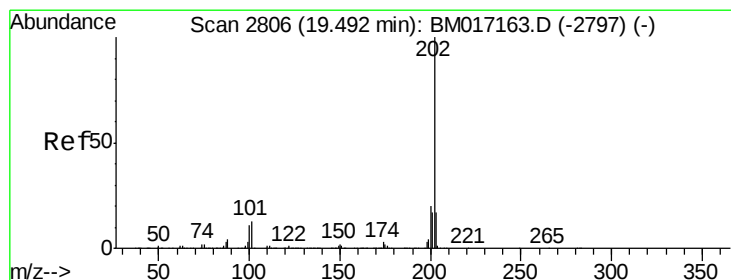
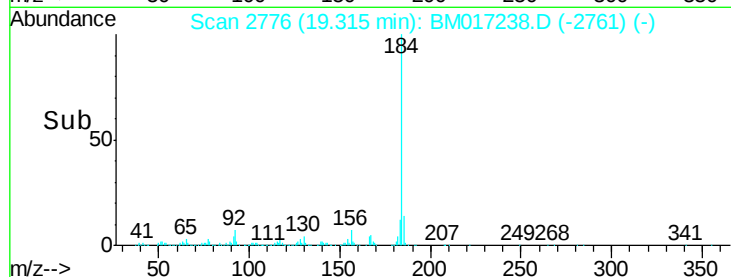
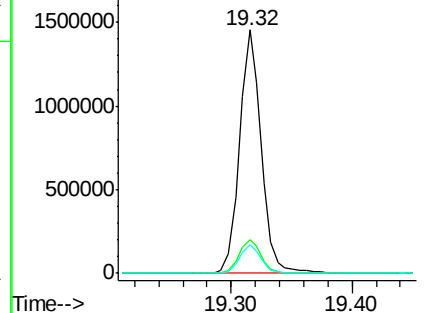
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.569 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

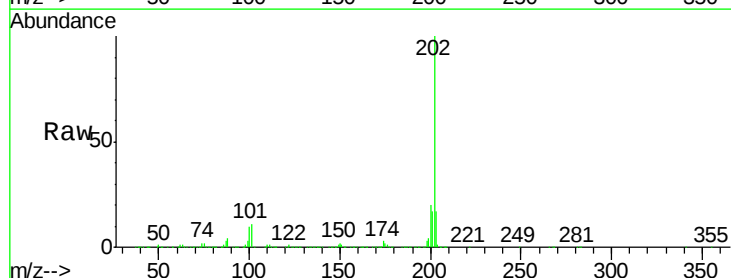
Tgt Ion:202 Resp: 3889101

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

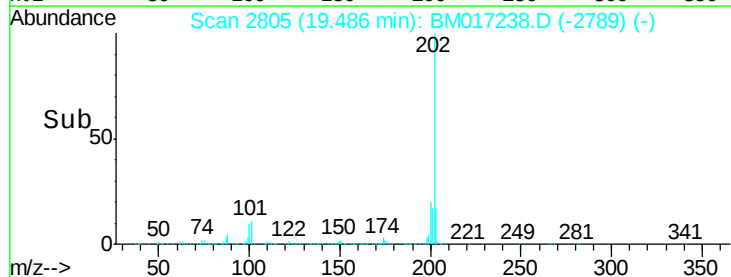
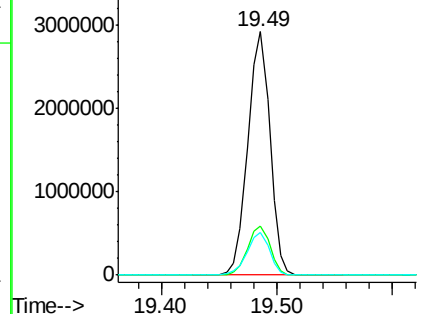
203 17.3 13.9 20.9

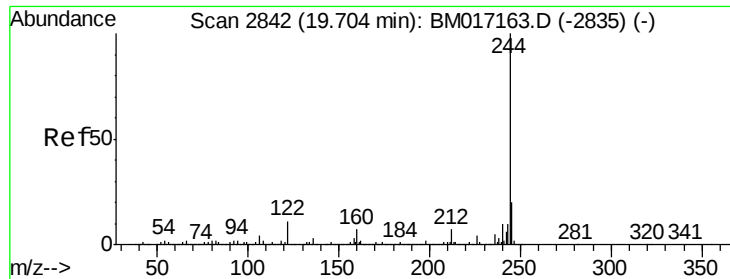


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.298 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

ClientSampleId :

PB113946BS

Tgt Ion:244 Resp: 4316468

Ion Ratio Lower Upper

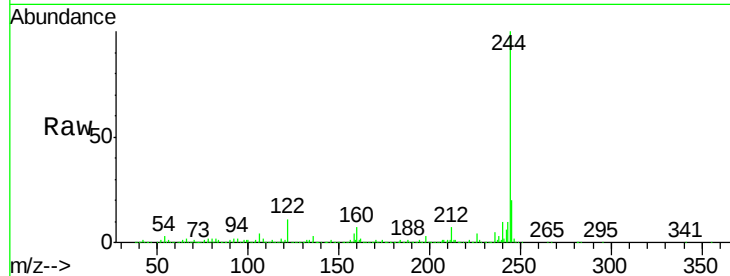
244 100

212 7.2 5.5 8.3

122 10.8 8.4 12.6

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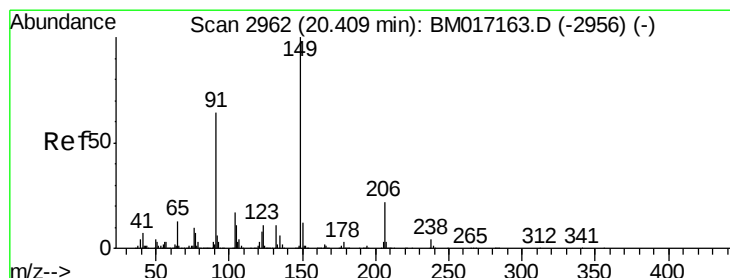
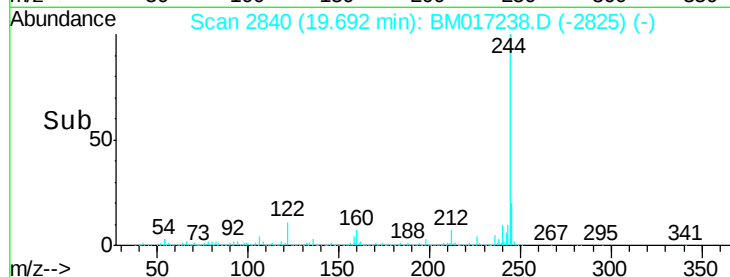
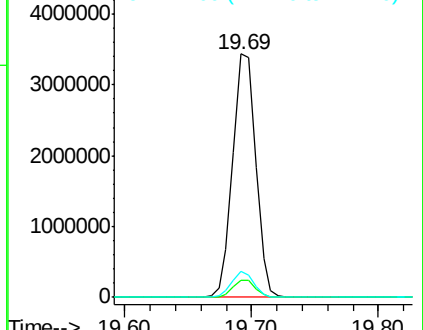
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.919 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

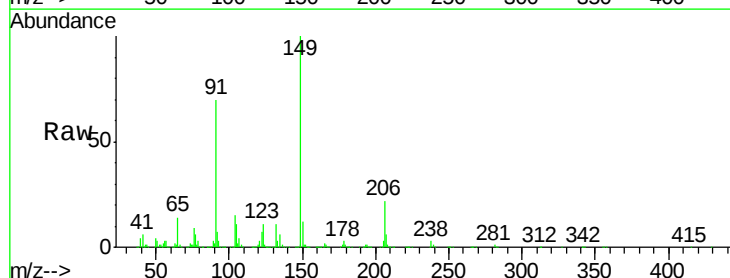
Tgt Ion:149 Resp: 1394868

Ion Ratio Lower Upper

149 100

91 70.2 51.3 76.9

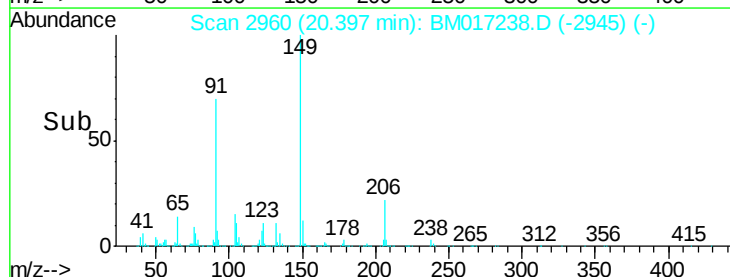
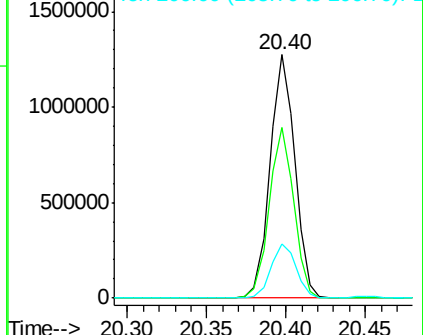
206 22.0 18.0 27.0

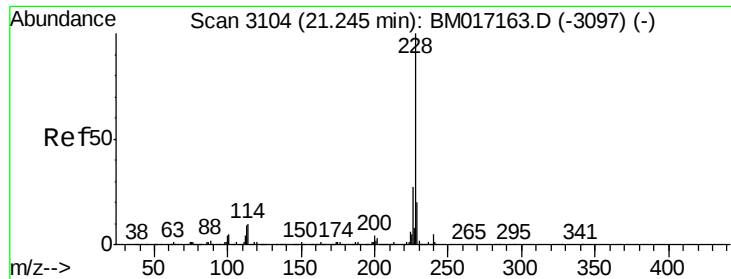


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.274 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

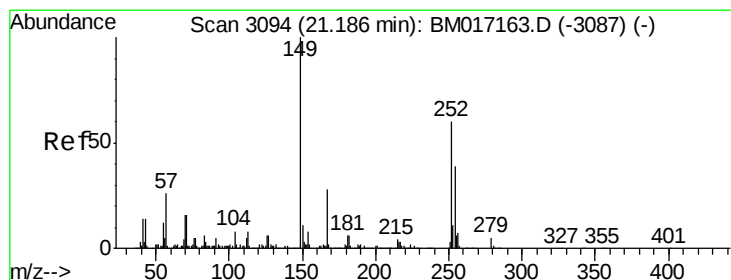
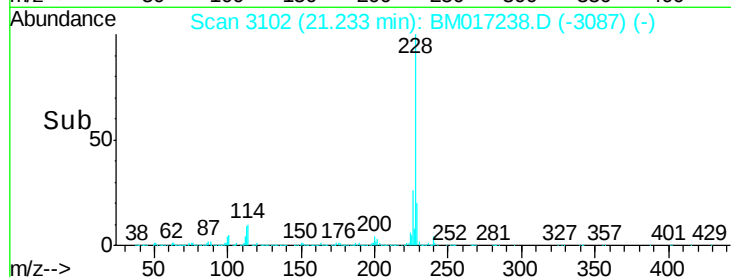
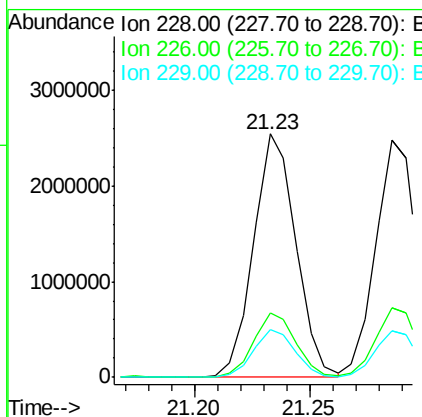
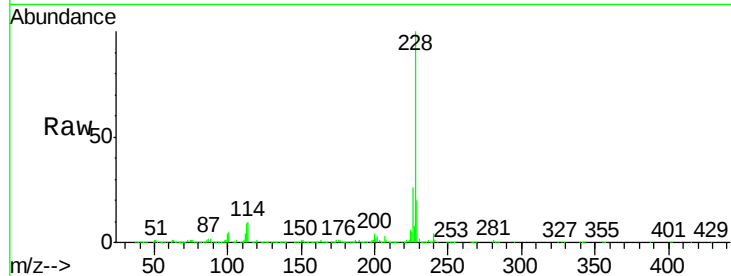
ClientSampleId :

PB113946BS

Tgt Ion:	228	Resp:	3248808
Ion Ratio	Lower	Upper	
228	100		
226	26.4	21.4	32.0
229	19.8	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.364 ng

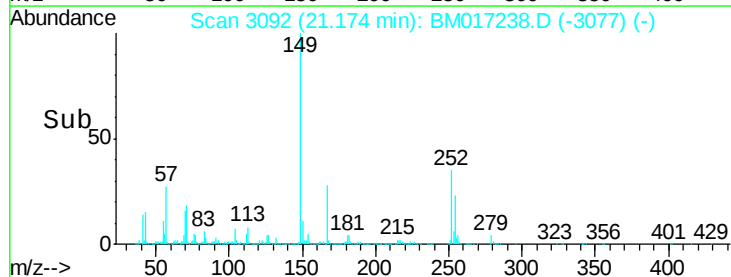
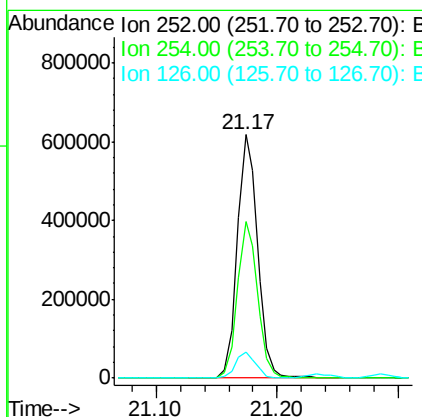
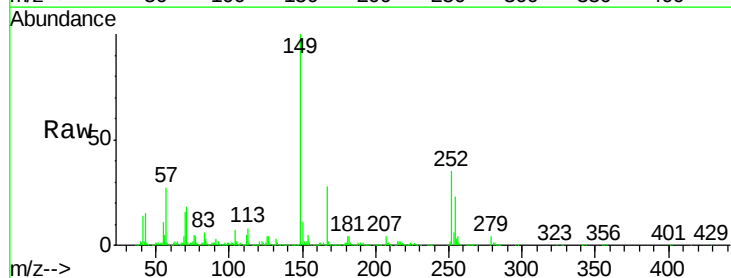
RT: 21.17 min Scan# 3092

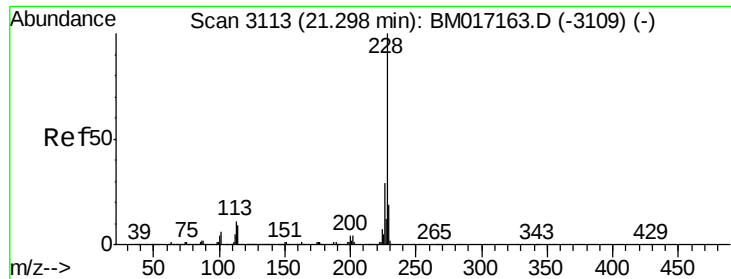
Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Tgt Ion:	252	Resp:	731840
Ion Ratio	Lower	Upper	
252	100		
254	64.3	52.1	78.1
126	10.9	8.6	12.8





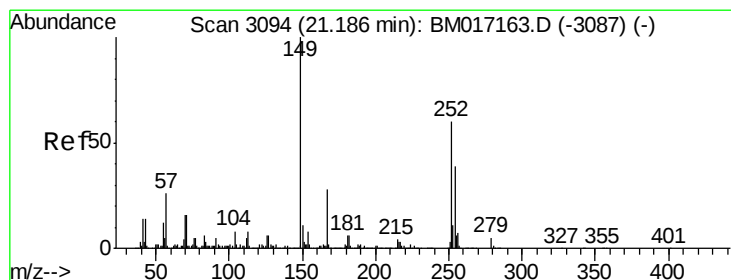
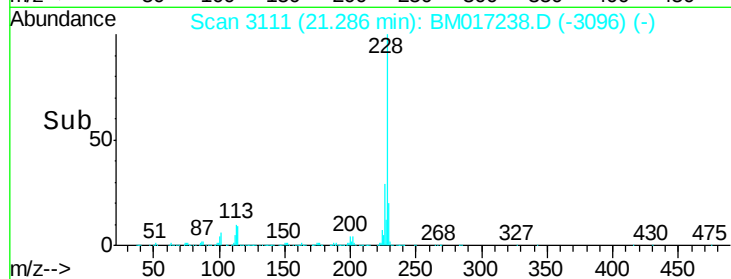
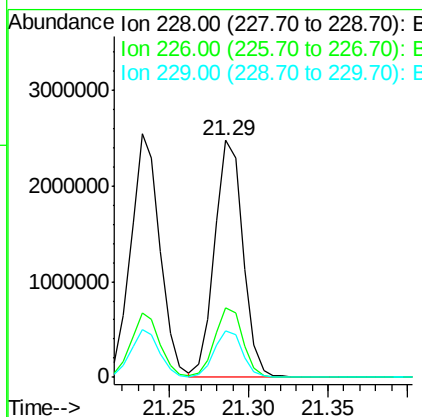
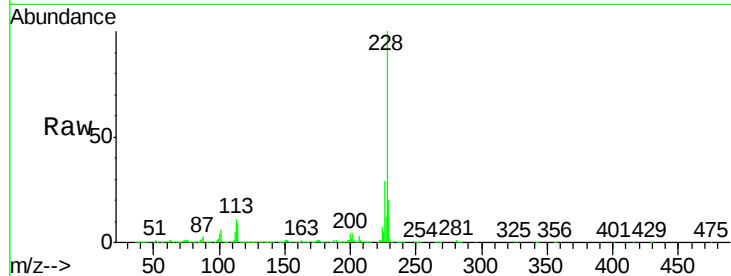
#83
Chrysene
Concen: 43.268 ng
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion: 228 Resp: 3073199
Ion Ratio Lower Upper
228 100
226 29.4 23.3 34.9
229 19.7 15.6 23.4

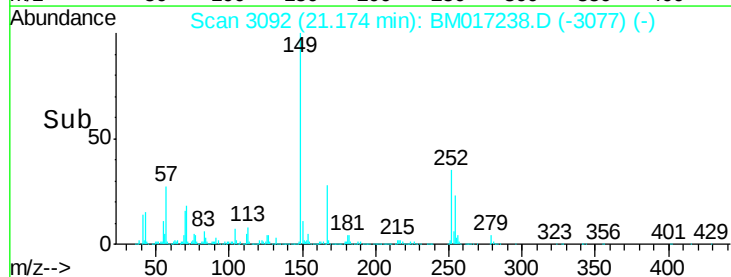
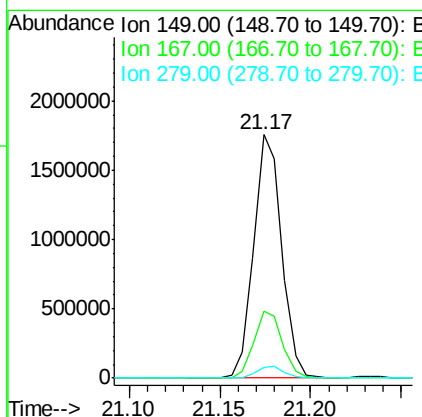
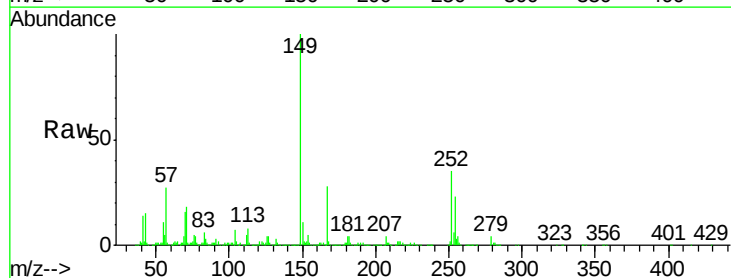
Manual Integrations
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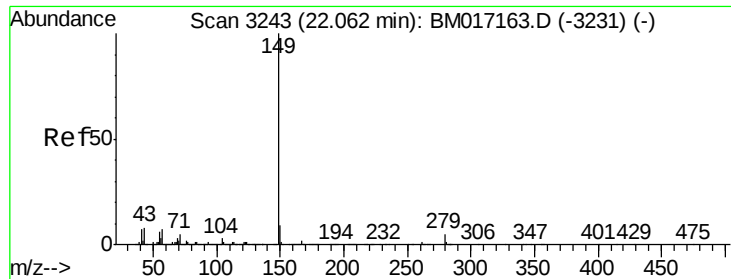
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.538 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion: 149 Resp: 1876861
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.4
279 4.2 3.6 5.4





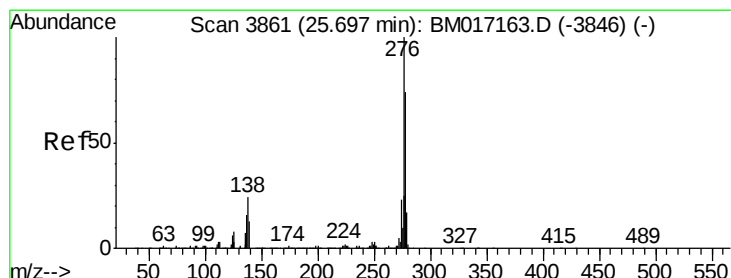
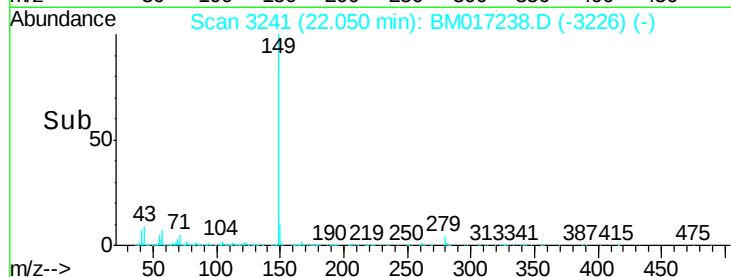
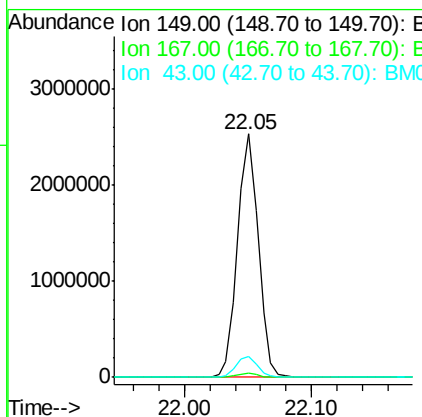
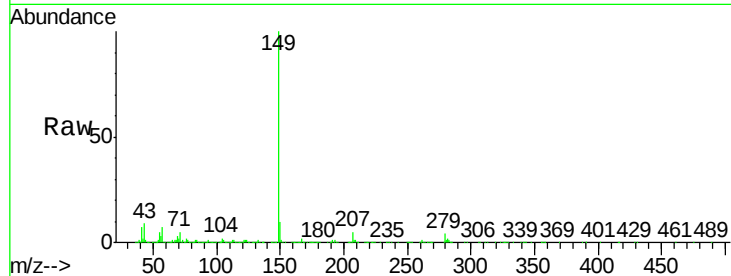
#85
Di-n-octyl phthalate
Concen: 41.428 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion:149 Resp: 2851588
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.9 7.2 10.8

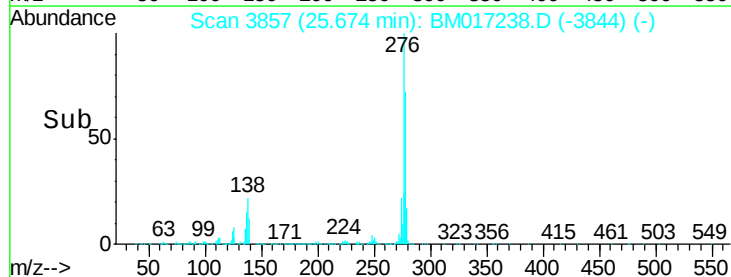
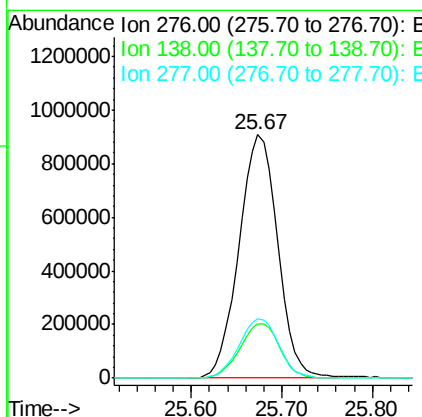
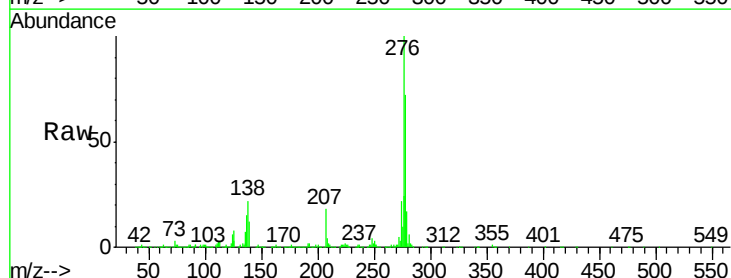
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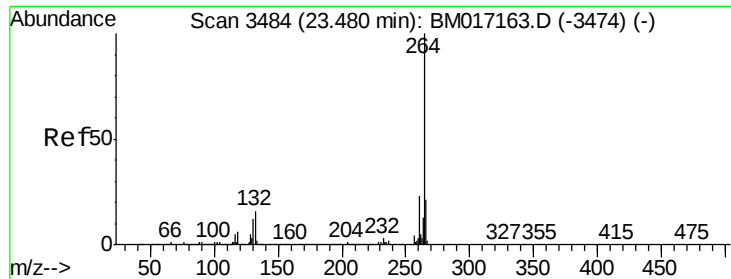
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 33.944 ng
RT: 25.67 min Scan# 3857
Delta R.T. -0.02 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion:276 Resp: 2696577
Ion Ratio Lower Upper
276 100
138 23.1 19.5 29.3
277 25.0 20.1 30.1





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

ClientSampleId :

PB113946BS

Tgt Ion:264 Resp: 1034424

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

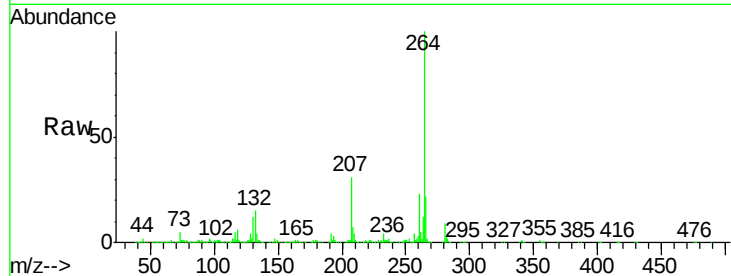
265 21.7 17.8 26.8

Manual Integrations

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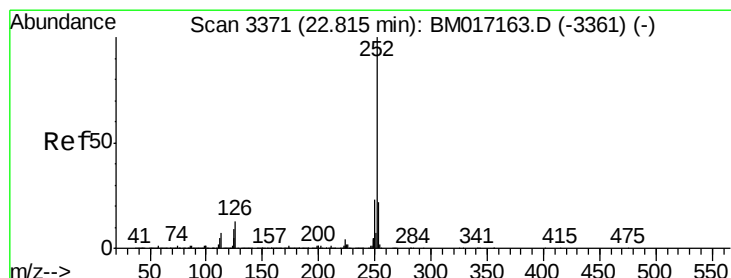
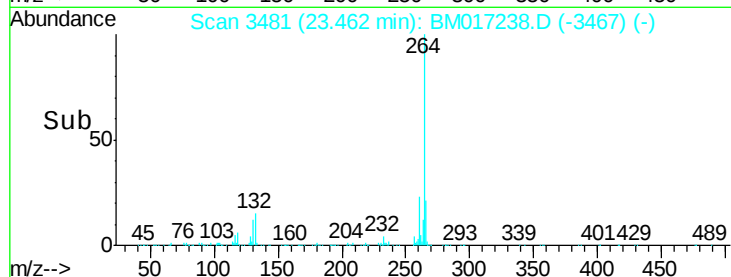
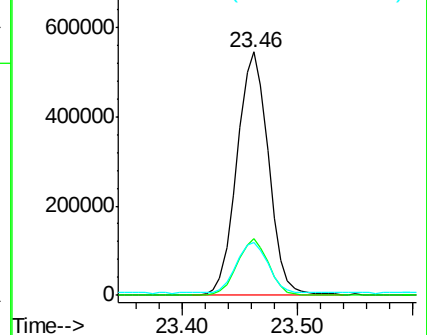
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.622 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

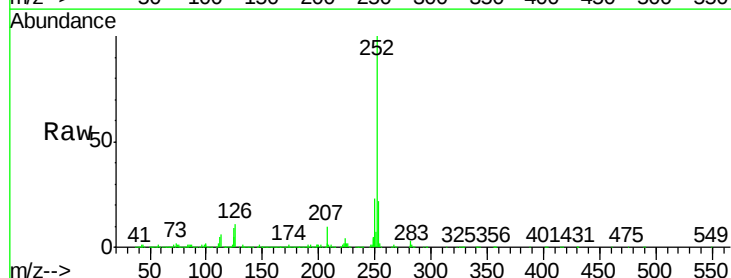
Tgt Ion:252 Resp: 2693313

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

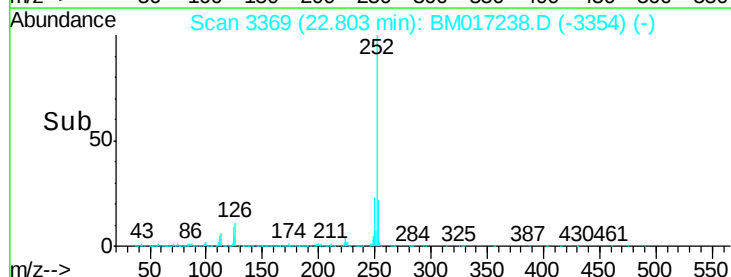
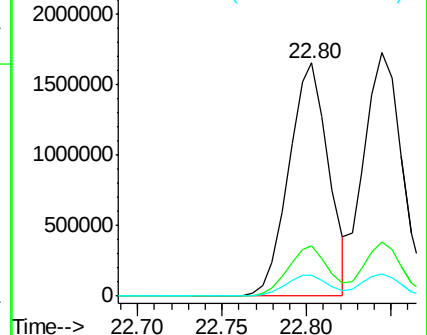
125 9.2 7.5 11.3

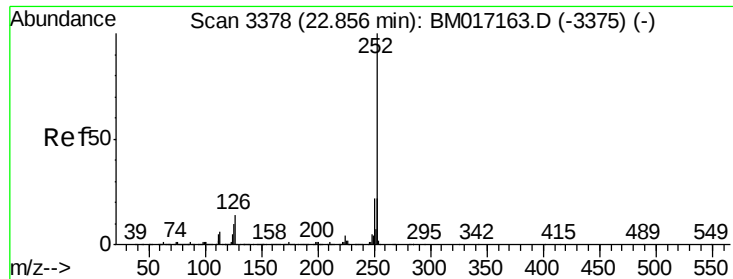


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





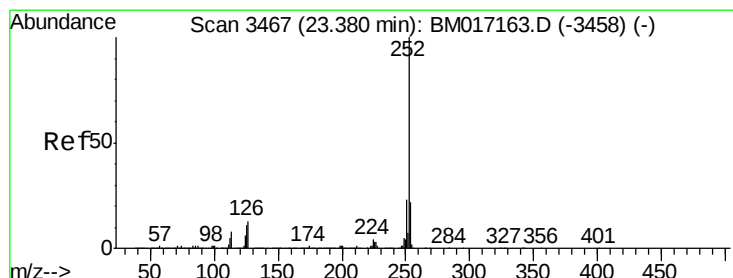
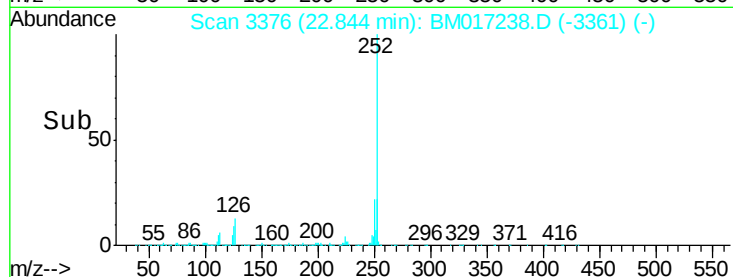
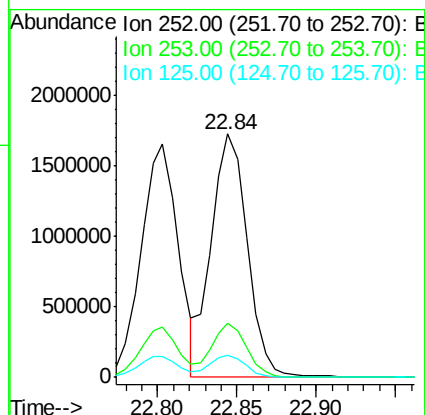
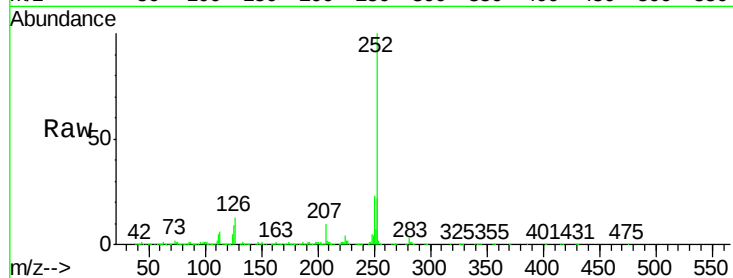
#89
Benzo(k)fluoranthene
Concen: 47.948 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Instrument :
BNA_M
ClientSampleId :
PB113946BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.0	8.2	12.2

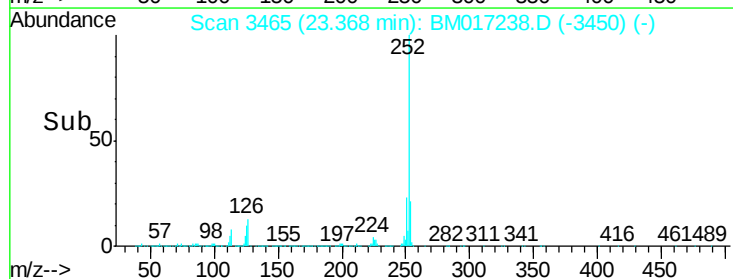
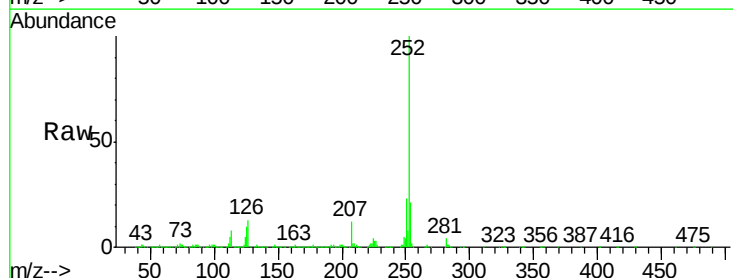
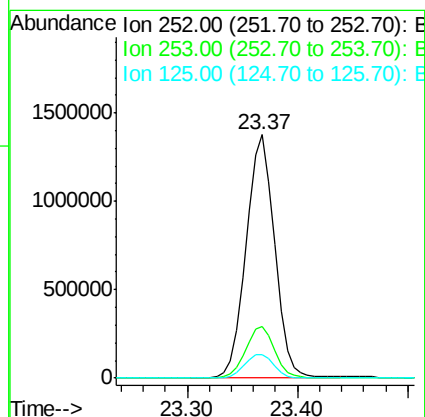
Manual Integrations
APPROVED

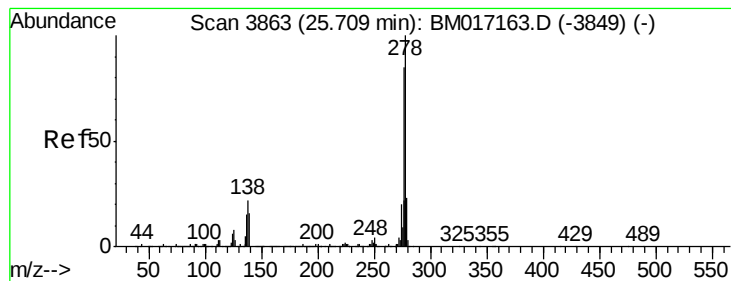
Sohil
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#90
Benzo(a)pyrene
Concen: 46.671 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017238.D
Acq: 19 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	9.7	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 42.585 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

Instrument :

BNA_M

ClientSampleId :

PB113946BS

Tgt Ion: 278 Resp: 2270637

Ion Ratio Lower Upper

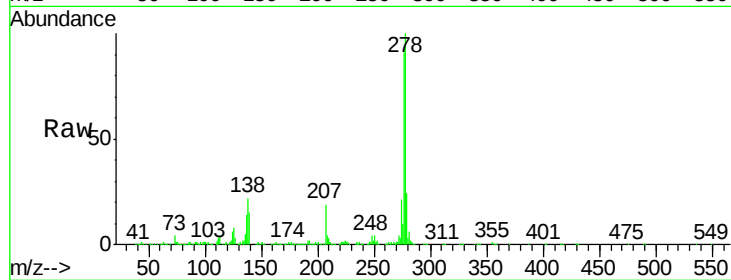
278 100

139 15.1 12.7 19.1

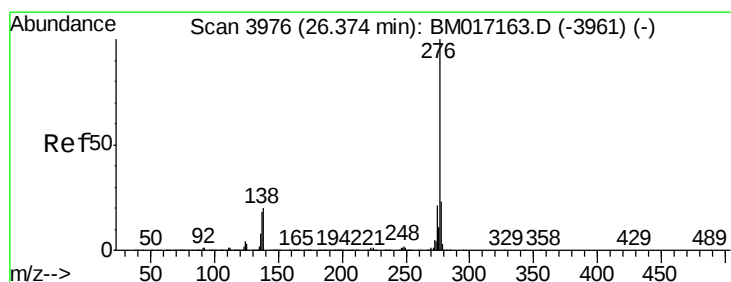
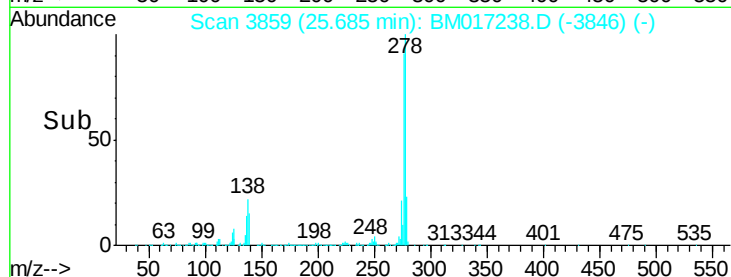
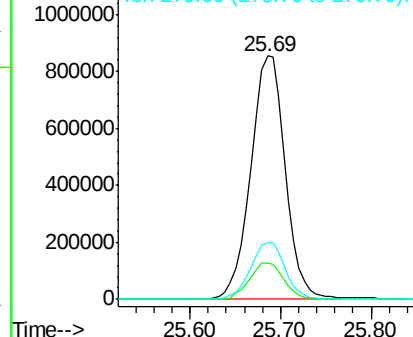
279 23.5 18.7 28.1

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:24 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.551 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017238.D

Acq: 19 Oct 2018 20:05

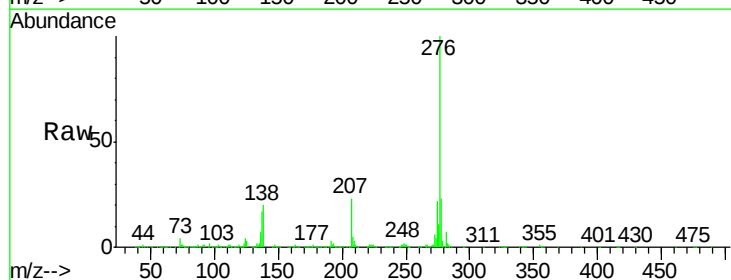
Tgt Ion: 276 Resp: 2248684

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 19.8 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

