

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015800.D
 Acq On : 06 Jul 2018 13:59
 Operator : SJ/JU
 Sample : PB110837BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BS

Manual Integrations
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Sohil
 7/6/2018 5:22:07 PM

Quant Time: Jul 06 15:14:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	128074	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	513396	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	268976	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	504969	20.00	ng	0.00
75) Chrysene-d12	21.76	240	352435	20.00	ng	0.00
86) Perylene-d12	24.17	264	322570	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.81	112	1145499	153.39	ng	0.00
7) Phenol-d6	7.47	99	1461495	142.95	ng	0.00
23) Nitrobenzene-d5	9.50	82	988008	93.90	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	496105	141.16	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2095155	96.70	ng	0.00
78) Terphenyl-d14	20.22	244	2115658	111.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.57	88	98551	31.908	ng	# 100
3) Pyridine	4.01	79	269135	33.022	ng	# 78
4) n-Nitrosodimethylamine	3.92	42	240029	37.822	ng	# 44
6) Aniline	7.63	93	297649	24.013	ng	92
8) 2-Chlorophenol	7.87	128	378966	42.282	ng	95
9) Benzaldehyde	7.45	77	162670	25.244	ng	92
10) Phenol	7.49	94	433360	42.185	ng	92
11) bis(2-Chloroethyl)ether	7.73	93	307807	36.833	ng	89
12) 1,3-Dichlorobenzene	8.19	146	385265	38.769	ng	# 92
13) 1,4-Dichlorobenzene	8.35	146	396734	38.607	ng	96
14) 1,2-Dichlorobenzene	8.67	146	384987	38.737	ng	95
15) Benzyl Alcohol	8.56	79	338139	38.096	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.84	45	491075	53.807	ng	98
17) 2-Methylphenol	8.76	107	293356	41.218	ng	# 87
18) Hexachloroethane	9.39	117	163565	40.253	ng	95
19) n-Nitroso-di-n-propylamine	9.13	70	283533	34.507	ng	# 80
20) 3+4-Methylphenols	9.09	107	392316	39.684	ng	89
22) Acetophenone	9.15	105	535540	40.043	ng	# 88
24) Nitrobenzene	9.55	77	437948	42.757	ng	99
25) Isophorone	10.06	82	718100	44.712	ng	# 94
26) 2-Nitrophenol	10.25	139	188630	42.768	ng	# 60
27) 2,4-Dimethylphenol	10.30	122	328697	49.057	ng	# 84
28) bis(2-Chloroethoxy)methane	10.53	93	429317	41.030	ng	98
29) 2,4-Dichlorophenol	10.79	162	343391	46.274	ng	97
30) 1,2,4-Trichlorobenzene	11.00	180	362271	42.031	ng	98
31) Naphthalene	11.19	128	1108222	41.635	ng	99
32) Benzoic acid	10.48	122	224044m	37.767	ng	
33) 4-Chloroaniline	11.30	127	152822	14.082	ng	# 89
34) Hexachlorobutadiene	11.45	225	236583	41.129	ng	96
35) Caprolactam	12.12	113	88360m	35.903	ng	
36) 4-Chloro-3-methylphenol	12.41	107	358920	42.153	ng	88
37) 2-Methylnaphthalene	12.77	142	807017	42.621	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	394965	45.751	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	463039	110.743	ng	98

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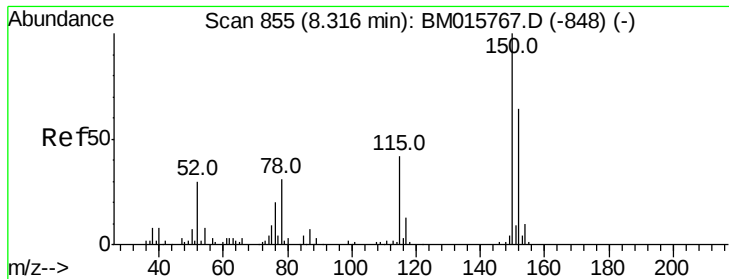
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	252147	46.206	ng	98
43) 2,4,5-Trichlorophenol	13.45	196	262581	44.544	ng	# 84
45) 1,1'-Biphenyl	13.77	154	1003566	43.154	ng	98
46) 2-Chloronaphthalene	13.82	162	770115	44.291	ng	# 91
47) 2-Nitroaniline	14.03	65	248739	41.022	ng	# 81
48) Acenaphthylene	14.66	152	1222438	43.218	ng	100
49) Dimethylphthalate	14.38	163	936618	39.483	ng	100
50) 2,6-Dinitrotoluene	14.52	165	194125	41.971	ng	# 70
51) Acenaphthene	15.00	154	704145	40.006	ng	99
52) 3-Nitroaniline	14.85	138	102659	20.278	ng	# 79
53) 2,4-Dinitrophenol	15.06	184	176507	76.586	ng	# 86
54) Dibenzofuran	15.33	168	1127888	41.587	ng	# 88
55) 4-Nitrophenol	15.15	139	286019	76.552	ng	# 72
56) 2,4-Dinitrotoluene	15.30	165	263004	39.386	ng	94
57) Fluorene	15.97	166	886817	39.651	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	211920	42.602	ng	# 100
59) Diethylphthalate	15.73	149	953116	37.494	ng	96
60) 4-Chlorophenyl-phenylether	15.95	204	447000	38.841	ng	# 89
61) 4-Nitroaniline	16.00	138	181287	34.519	ng	# 34
62) Azobenzene	16.24	77	1011576	42.452	ng	82
64) 4,6-Dinitro-2-methylphenol	16.06	198	120234	39.166	ng	88
65) n-Nitrosodiphenylamine	16.17	169	736290	42.553	ng	98
66) 4-Bromophenyl-phenylether	16.84	248	255941	45.395	ng	# 81
67) Hexachlorobenzene	16.96	284	275266	43.691	ng	# 77
68) Atrazine	17.10	200	251092	44.118	ng	97
69) Pentachlorophenol	17.30	266	281955	72.324	ng	97
70) Phenanthrene	17.70	178	1203215	41.649	ng	99
71) Anthracene	17.79	178	1221113	43.041	ng	98
72) Carbazole	18.06	167	1025441	38.787	ng	99
73) Di-n-butylphthalate	18.57	149	1358200	38.115	ng	# 97
74) Fluoranthene	19.68	202	1146841	34.531	ng	99
76) Benzidine	19.86	184	393478	38.106	ng	99
77) Pyrene	20.03	202	1127366	51.352	ng	99
79) Butylbenzylphthalate	20.89	149	483833	45.592	ng	88
80) Benzo(a)anthracene	21.74	228	952562	42.629	ng	100
81) 3,3'-Dichlorobenzidine	21.67	252	189609	23.617	ng	99
82) Chrysene	21.80	228	881393	42.343	ng	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	646039	41.201	ng	95
84) Di-n-octyl phthalate	22.55	149	1002111	39.195	ng	# 90
85) Indeno(1,2,3-cd)pyrene	26.64	276	1007042	52.072	ng	# 94
87) Benzo(b)fluoranthene	23.44	252	843718	39.177	ng	# 95
88) Benzo(k)fluoranthene	23.49	252	845511	40.415	ng	98
89) Benzo(a)pyrene	24.06	252	811506	42.806	ng	99
90) Dibenzo(a,h)anthracene	26.64	278	858344	50.323	ng	97
91) Benzo(g,h,i)perylene	27.41	276	806961	53.845	ng	# 94

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



#1

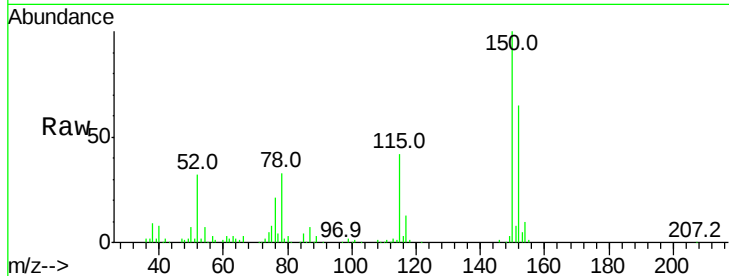
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

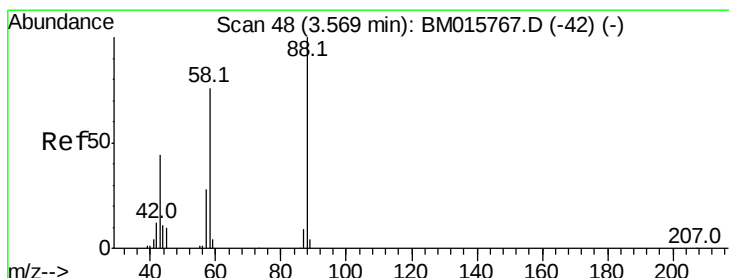
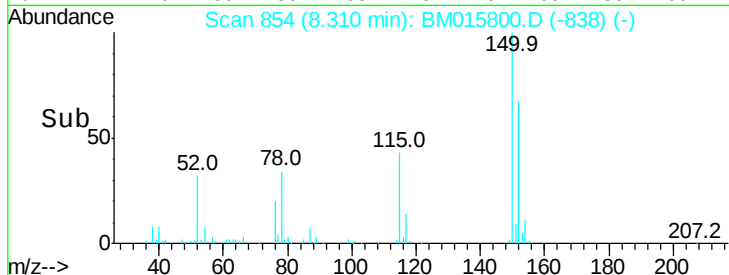
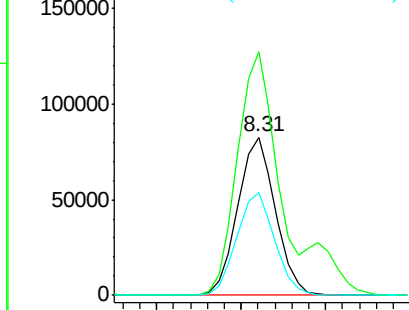
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	119.5	179.3
115	65.0	43.0	64.4

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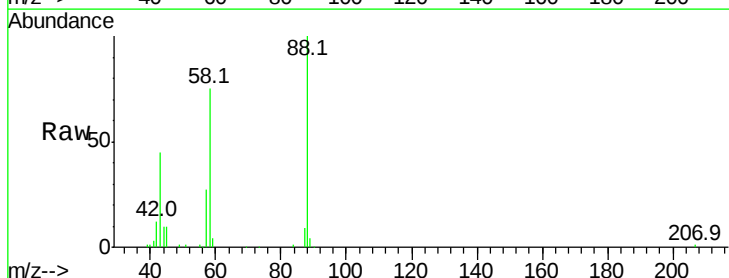
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



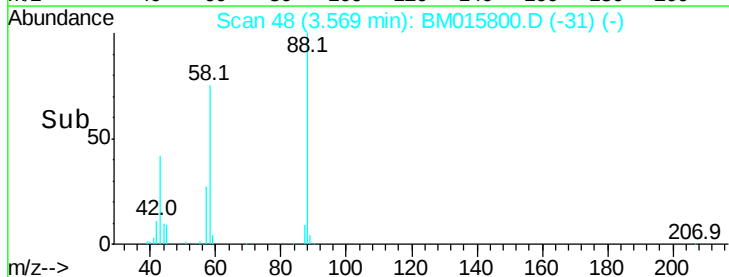
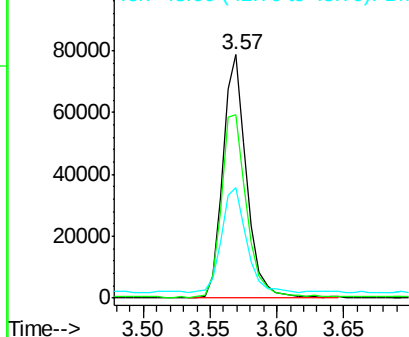
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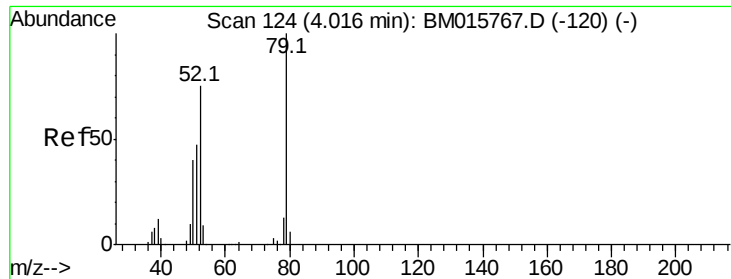
1,4-Dioxane
Concen: 31.908 ng
RT: 3.57 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	0.0	0.0
43	44.8	0.0	0.0



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





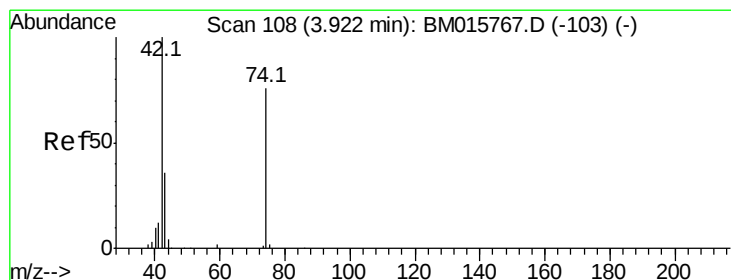
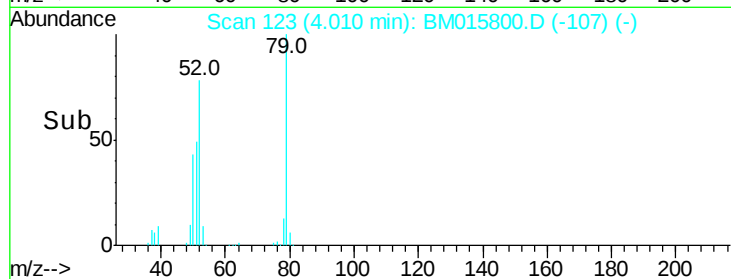
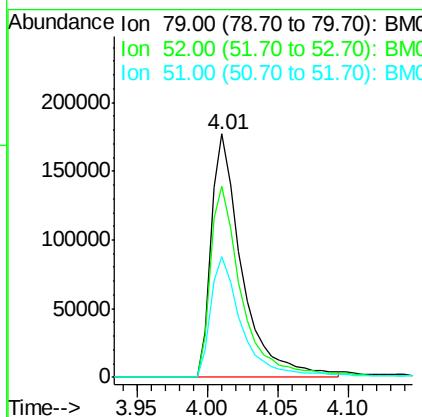
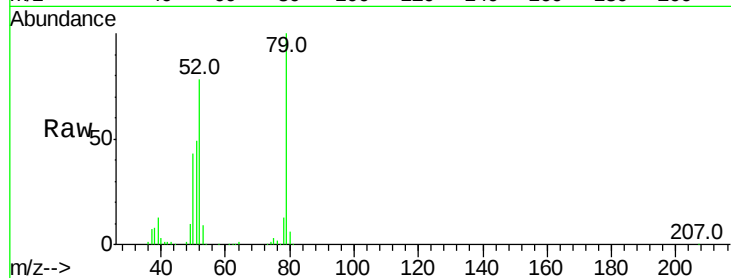
#3
 Pvridine
 Concen: 33.022 ng
 RT: 4.01 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Instrument :
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 ClientSampleId :
 PB110837BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.4	51.1	76.7#
51	49.5	26.1	39.1#

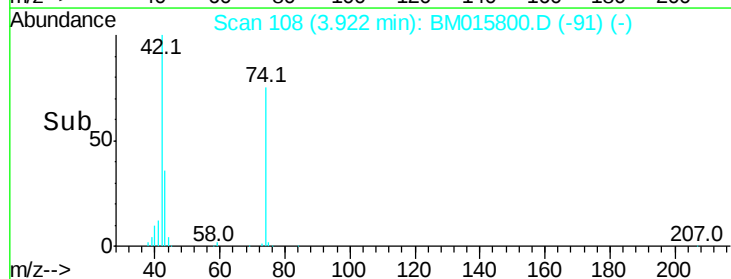
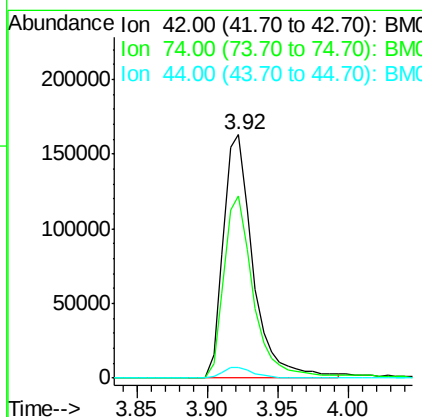
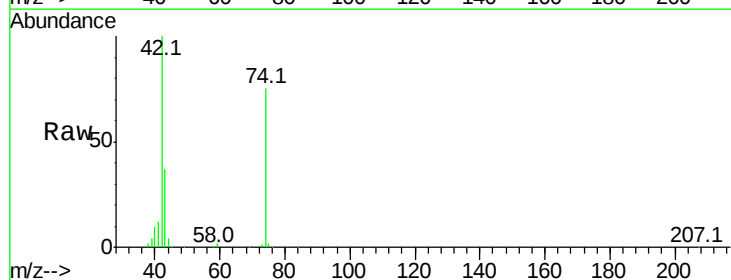
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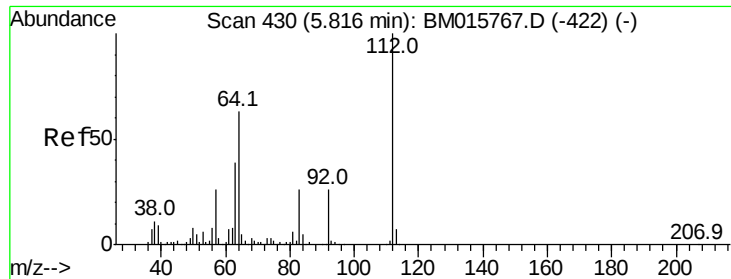
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#4
 n-Nitrosodimethylamine
 Concen: 37.822 ng
 RT: 3.92 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	74.9	119.3	178.9#
44	4.4	5.4	8.2#





#5

2-Fluorophenol

Concen: 37.822 ng

RT: 5.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

ClientSampleId :

PB110837BS

Tot Ion:112 Resp: 1145499

Ion Ratio Lower Upper

112 100

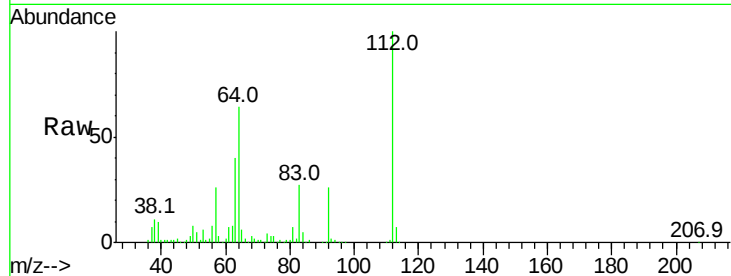
64 63.8 38.6 57.8#

63 40.1 19.3 28.9#

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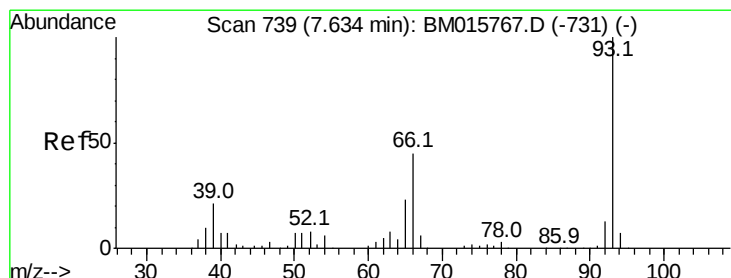
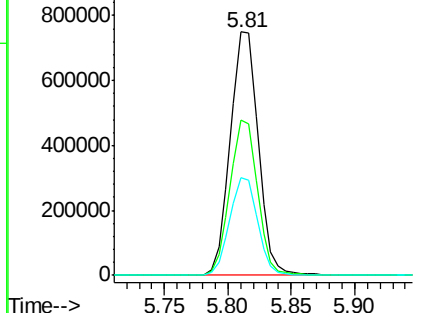
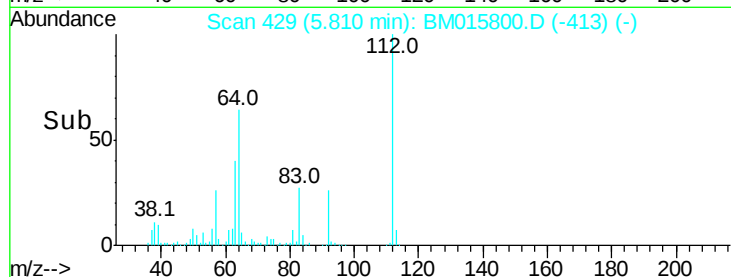
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 24.013 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

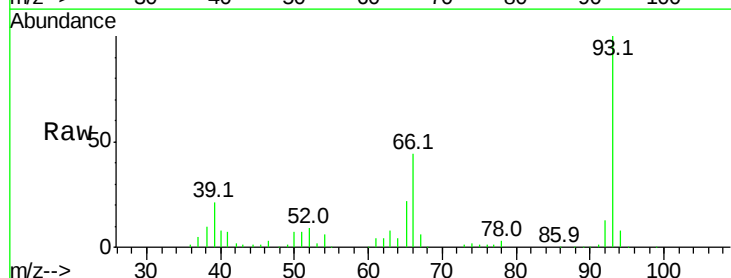
Tgt Ion: 93 Resp: 297649

Ion Ratio Lower Upper

93 100

66 44.0 30.8 46.2

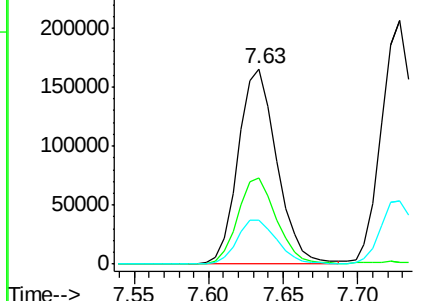
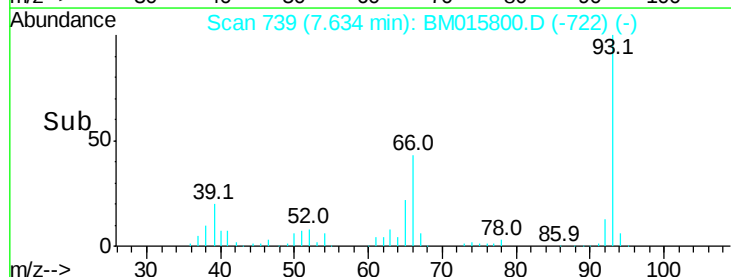
65 22.4 16.0 24.0

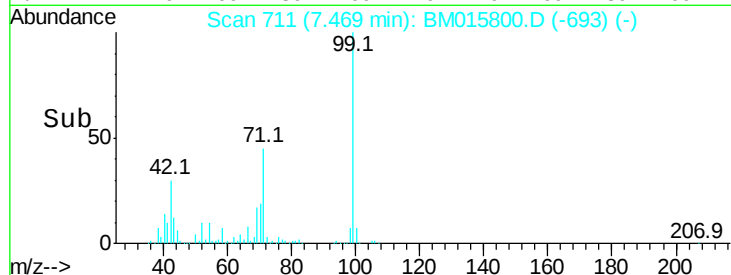
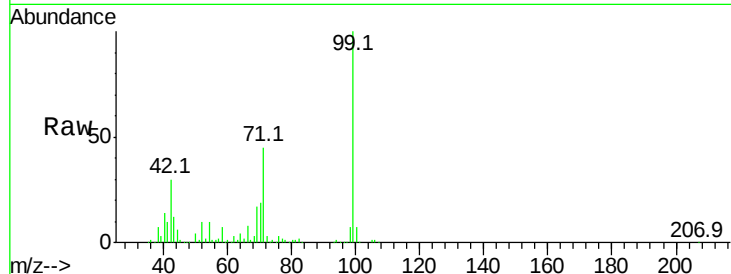
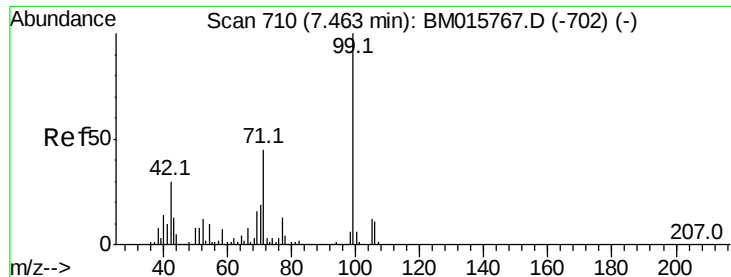


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 24.013 ng

RT: 7.47 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tot Ion: 99 Resp: 1461495

Ion Ratio Lower Upper

99 100

42 30.3 11.0 16.4#

71 45.3 23.4 35.2#

Instrument :

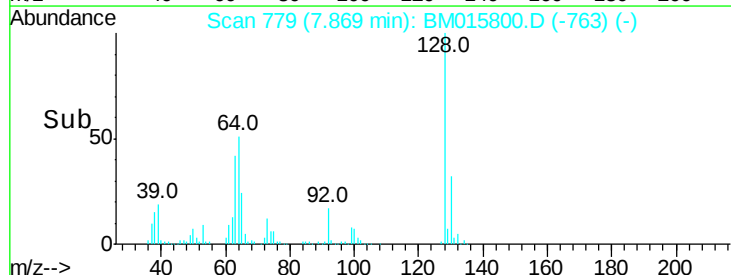
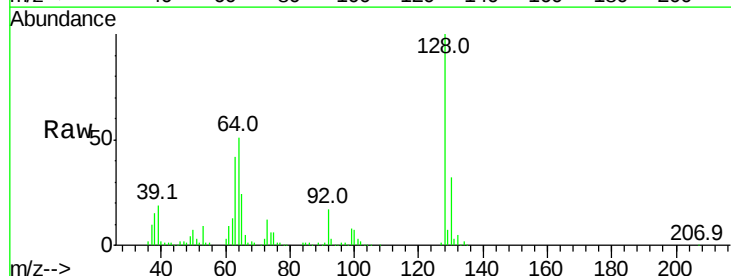
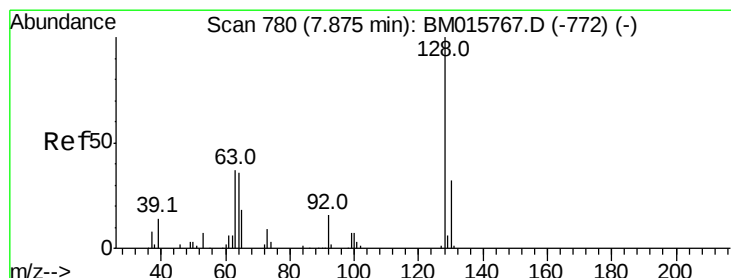
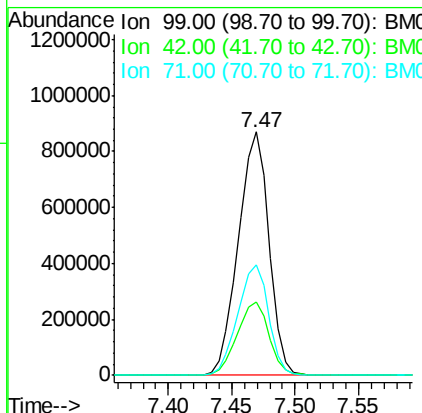
BNA_M

ClientSampled :

PB110837BS

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#8

2-Chlorophenol

Concen: 42.282 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

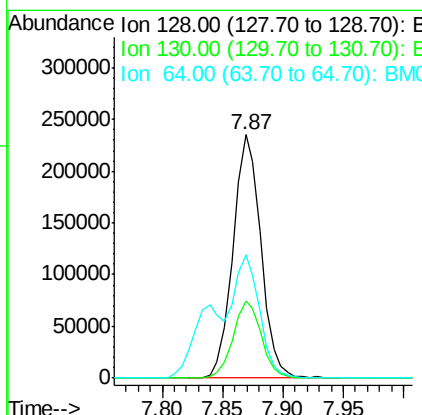
Tgt Ion: 128 Resp: 378966

Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

64 50.6 24.9 64.9





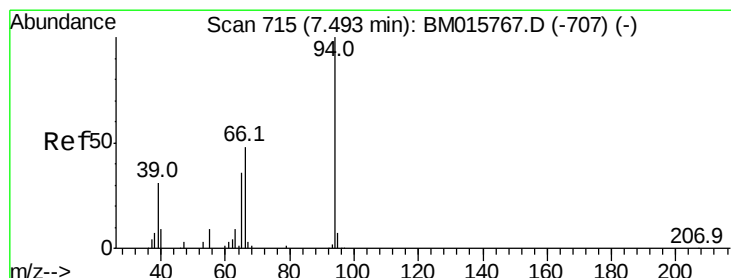
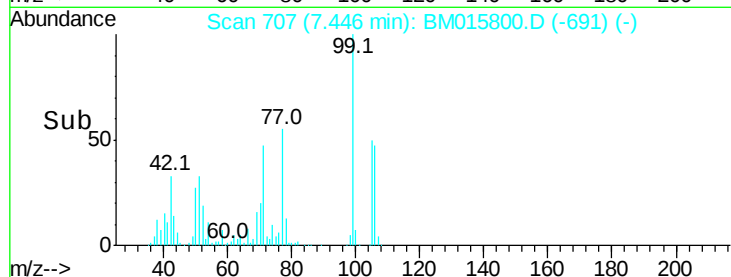
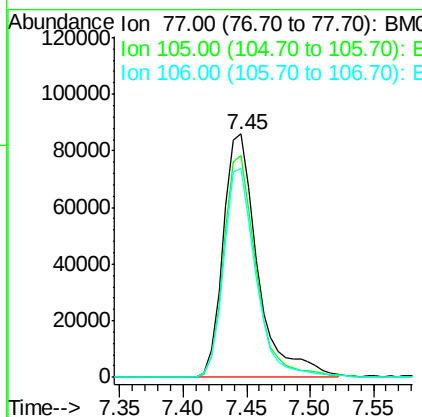
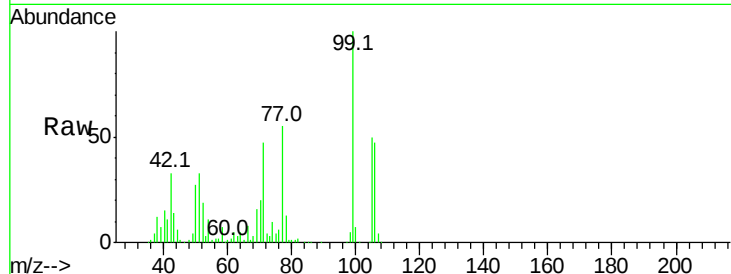
#9
Benzaldehyde
Concen: 25.244 ng
RT: 7.45 min Scan# 707
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleID :
PB110837BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
105	91.2	78.8	118.8	
106	85.8	73.7	113.7	

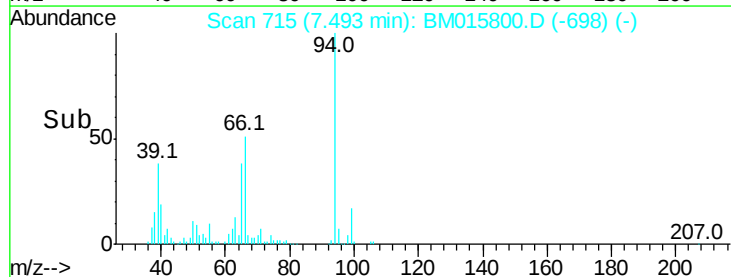
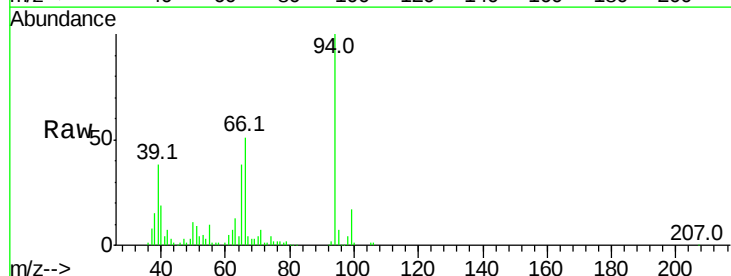
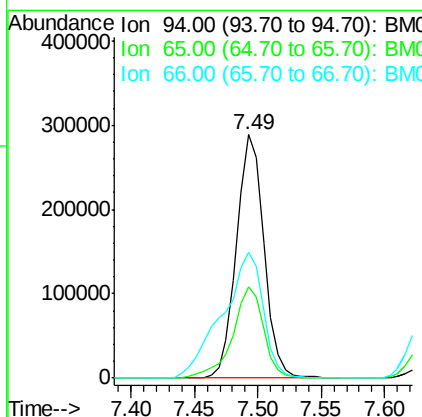
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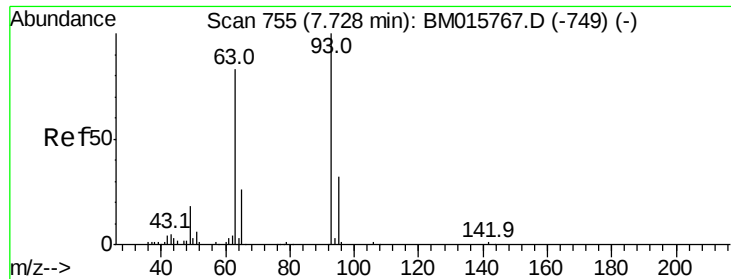
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#10
Phenol
Concen: 42.185 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
94	100			
65	37.6	18.8	58.8	
66	51.5	39.9	79.9	





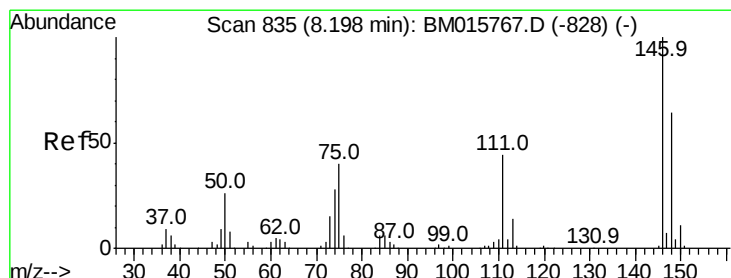
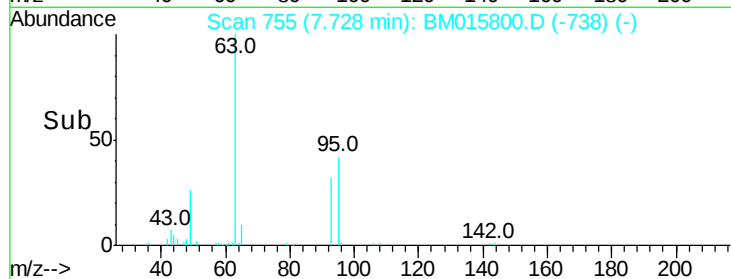
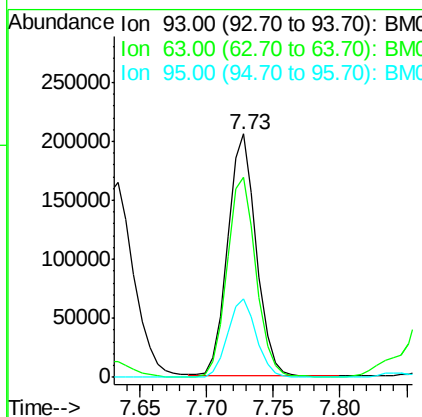
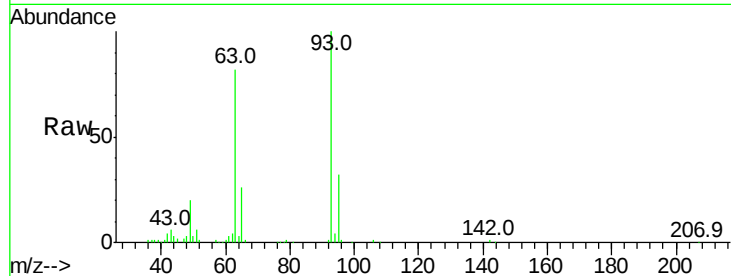
#11
bis(2-Chloroethyl)ether
Concen: 36.833 ng
RT: 7.73 min Scan# 755
Delta R.T. -0.00 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

Tot Ion:	93	Resp:	307807
Ion Ratio	Lower	Upper	
93	100		
63	82.1	49.5	89.5
95	32.3	13.5	53.5

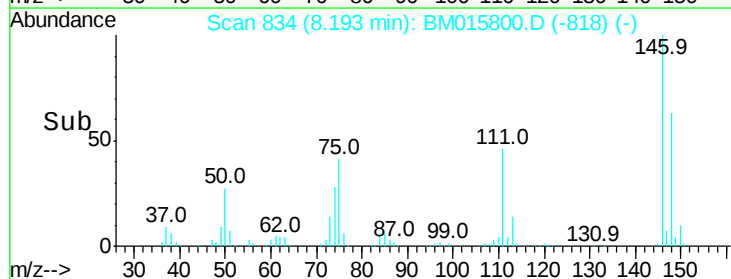
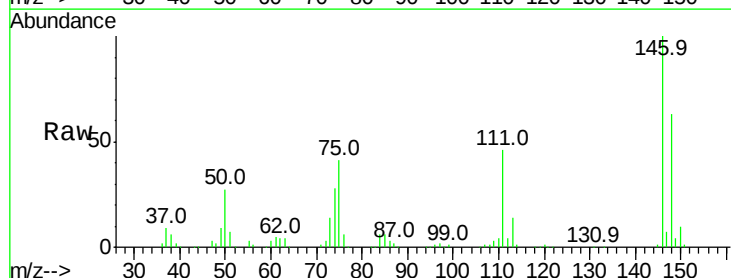
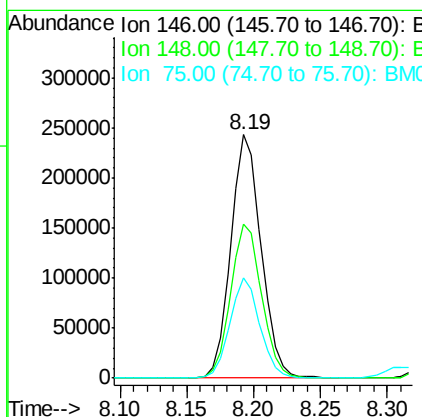
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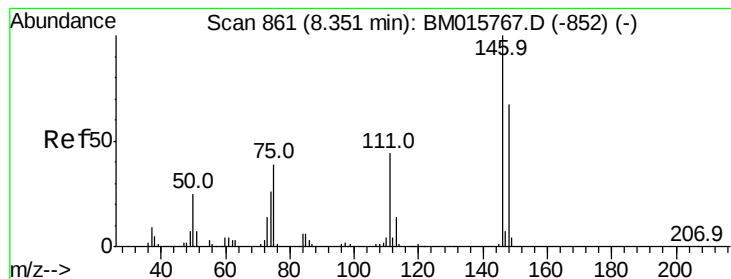
Sohil
7/6/2018 5:22:07 PM



#12
1,3-Dichlorobenzene
Concen: 38.769 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion:	146	Resp:	385265
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.9	76.3
75	41.1	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 38.607 ng

RT: 8.35 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

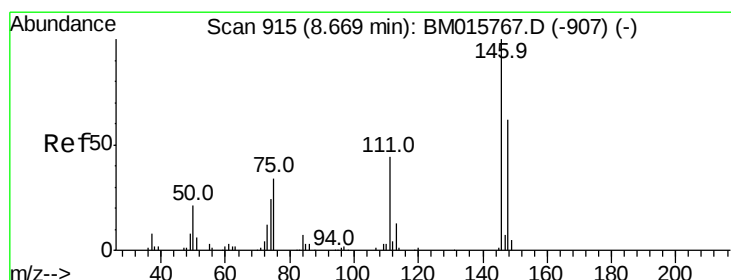
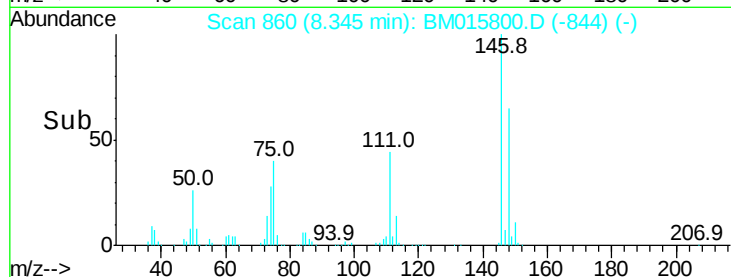
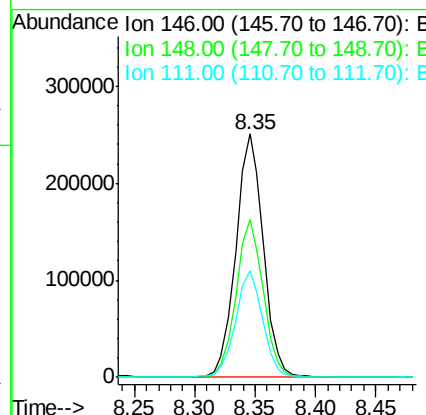
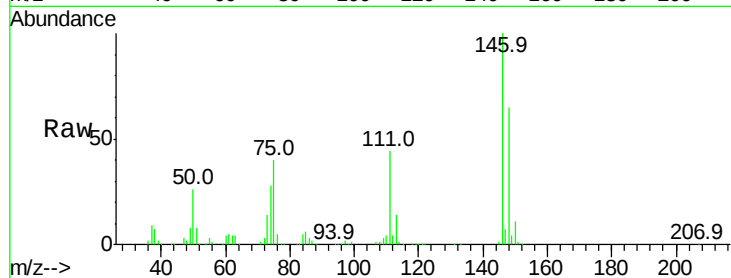
ClientSampled :

PB110837BS

Tot Ion:	146	Resp:	396734
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.9	77.9
111	43.7	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 38.737 ng

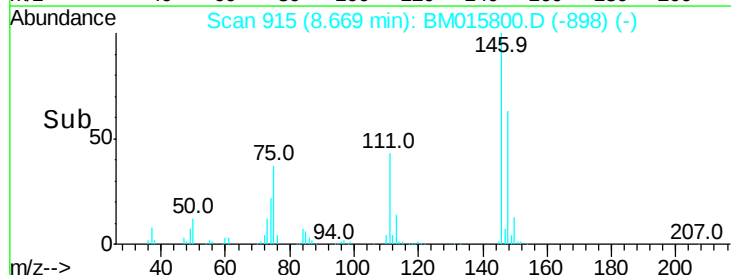
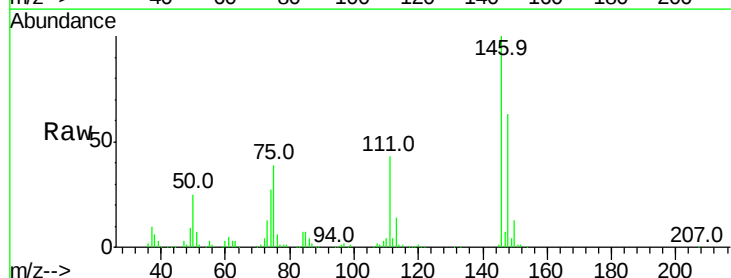
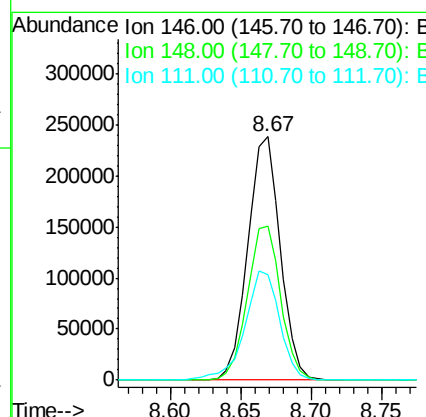
RT: 8.67 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion:	146	Resp:	384987
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.3	78.5
111	43.5	30.6	45.8





#15

Benzyl Alcohol

Concen: 38.096 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

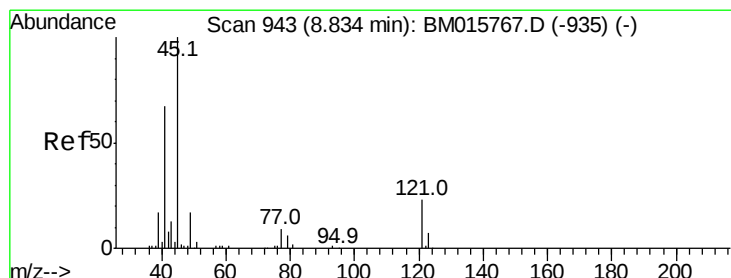
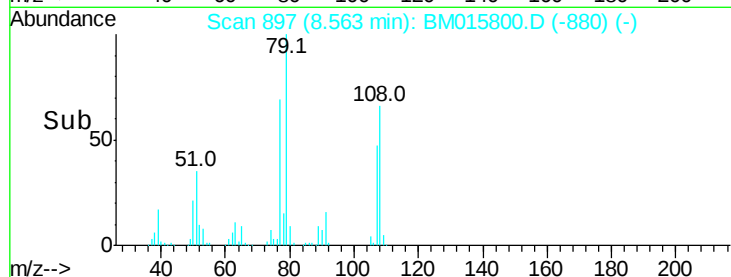
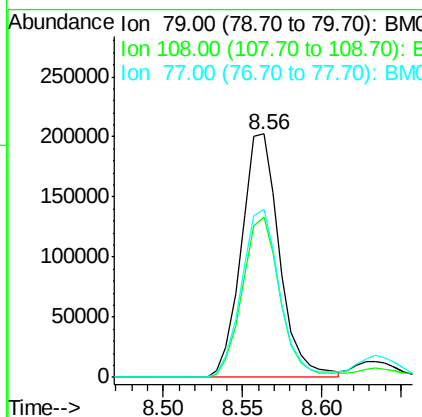
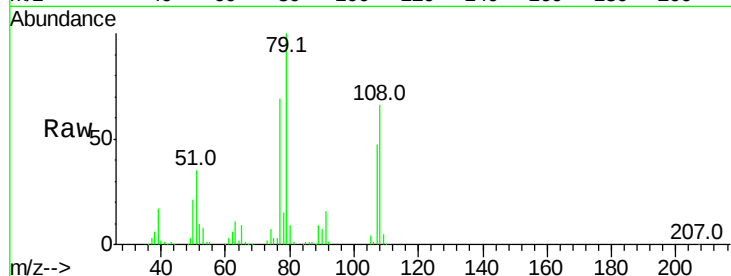
ClientSampleID :

PB110837BS

Tot Ion:	79	Resp:	338139
Ion Ratio	Lower	Upper	
79	100		
108	66.0	65.0	97.4
77	69.0	53.0	79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 53.807 ng

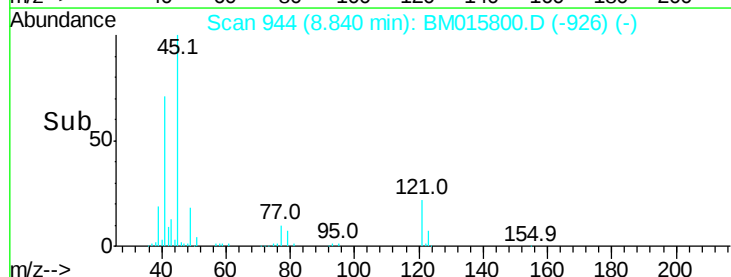
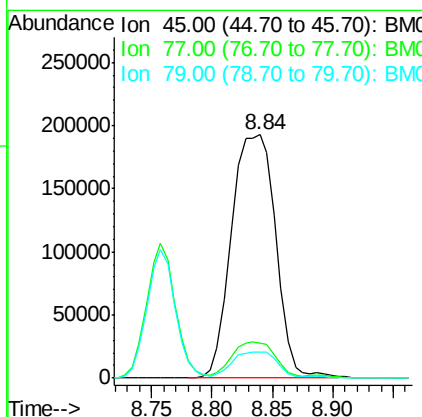
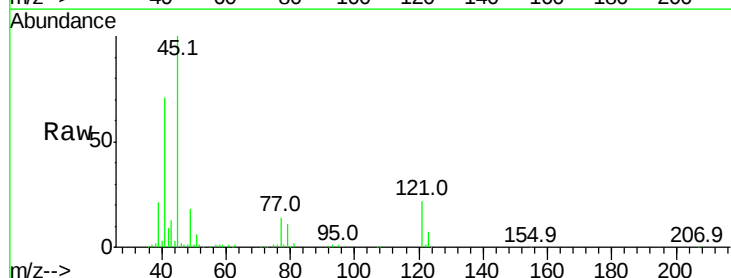
RT: 8.84 min Scan# 944

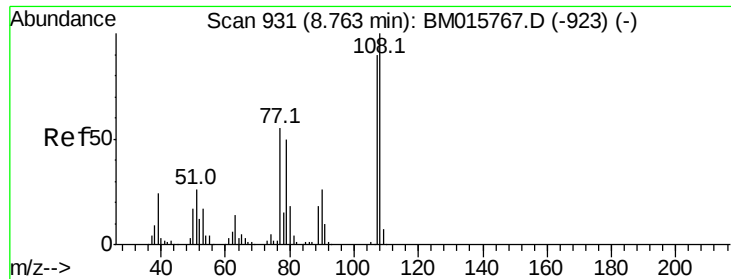
Delta R.T. 0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion:	45	Resp:	491075
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	35.2
79	10.9	0.0	32.0





#17

2-Methylphenol

Concen: 41.218 ng

RT: 8.76 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

ClientSampleId :

PB110837BS

Tot Ion:107 Resp: 293356

Ion Ratio Lower Upper

107 100

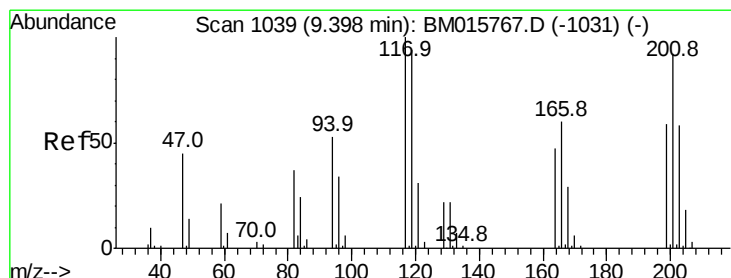
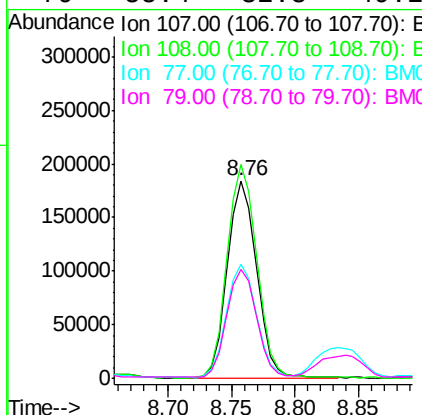
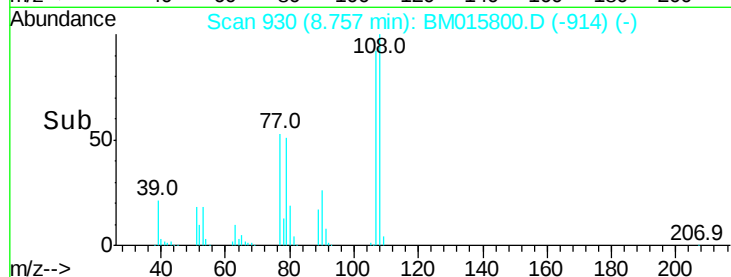
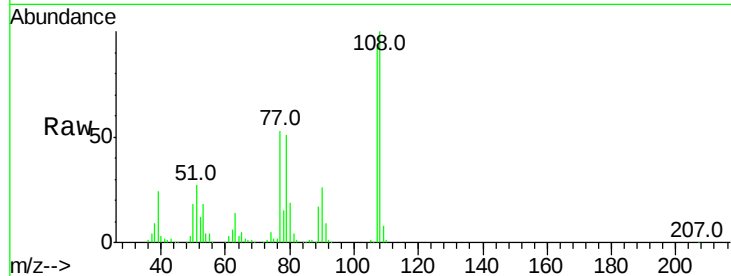
108 108.3 89.8 134.8

77 57.9 32.6 48.8#

79 55.4 32.8 49.2#

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#18

Hexachloroethane

Concen: 40.253 ng

RT: 9.39 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

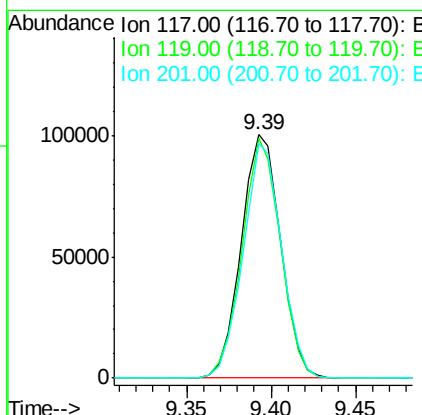
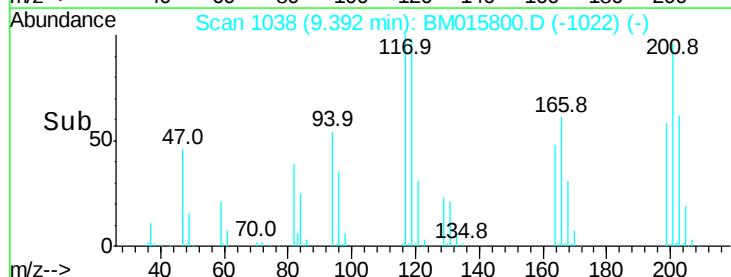
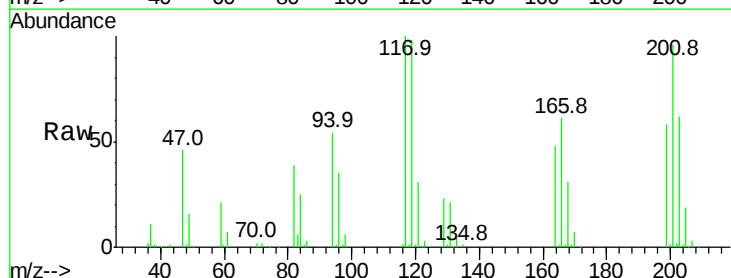
Tgt Ion:117 Resp: 163565

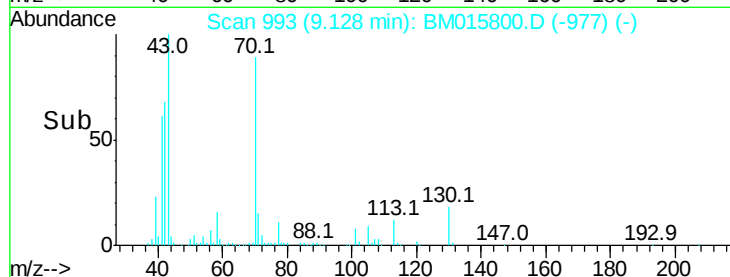
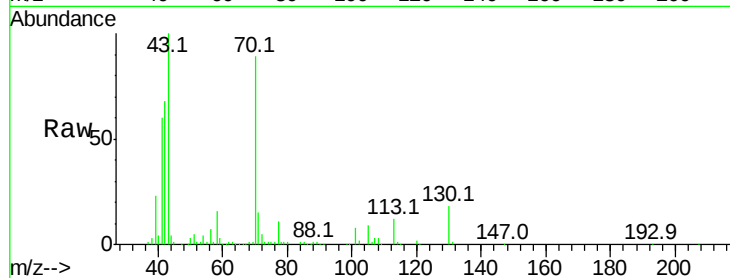
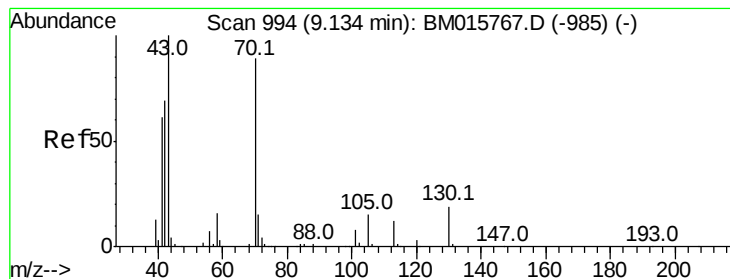
Ion Ratio Lower Upper

117 100

119 98.3 79.2 118.8

201 96.3 69.8 104.6





#19

n-Nitroso-di-n-propylamine

Concen: 34.507 ng

RT: 9.13 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		283533		
42	76.8	44.5	66.7#		
101	9.2	7.4	11.2		
130	20.5	15.3	22.9		

Instrument :

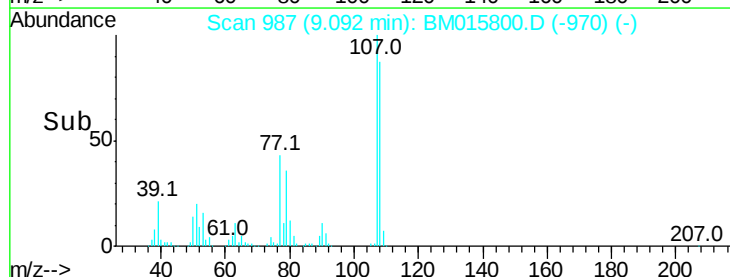
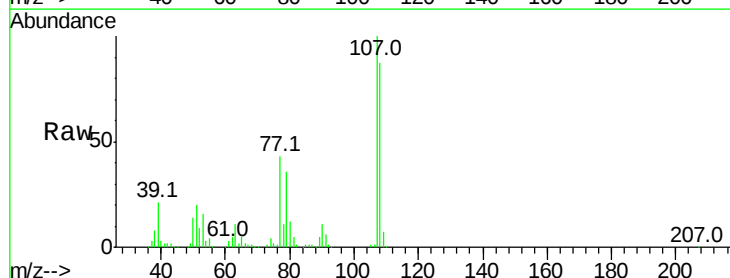
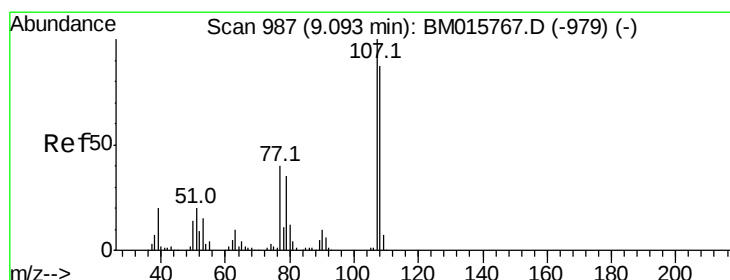
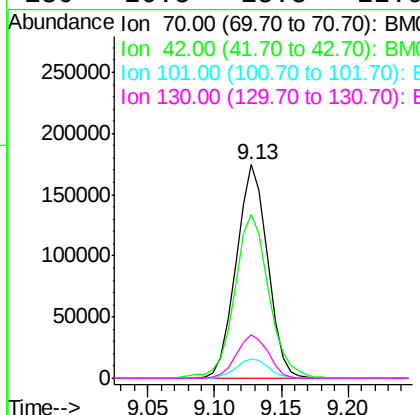
BNA_M

ClientSampled :

PB110837BS

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#20

3+4-Methylphenols

Concen: 39.684 ng

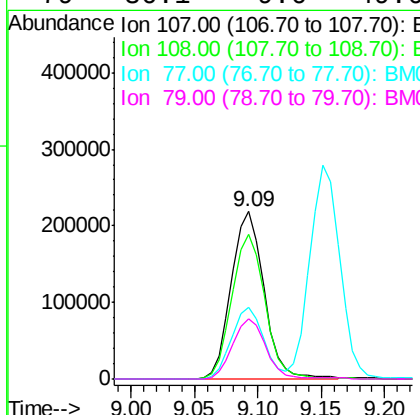
RT: 9.09 min Scan# 987

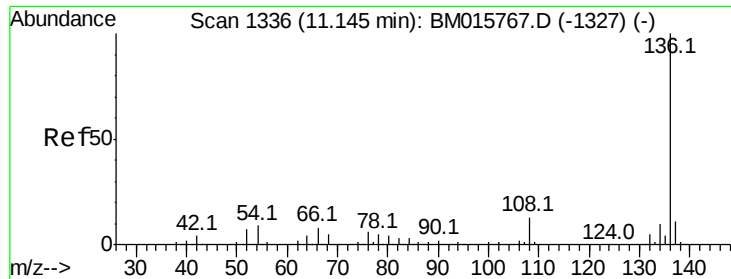
Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		392316		
108	86.8	73.2	113.2		
77	42.7	10.7	50.7		
79	36.1	9.6	49.6		





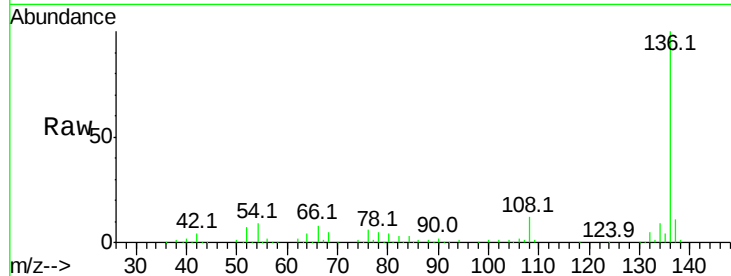
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.14 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

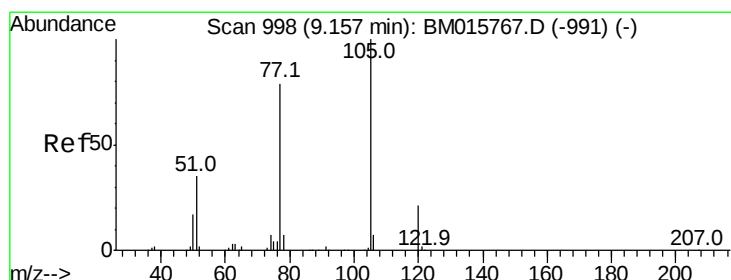
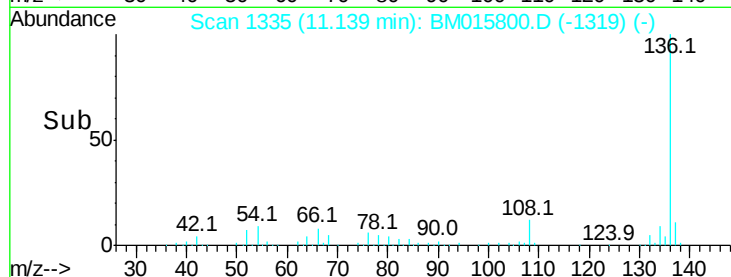
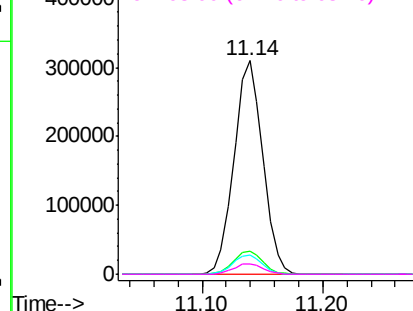
Tot Ion	Ratio	Resp	Lower	Upper
136	100	513396		
137	11.0	8.7	13.1	
54	9.2	4.6	6.8	
68	5.0	3.7	5.5	

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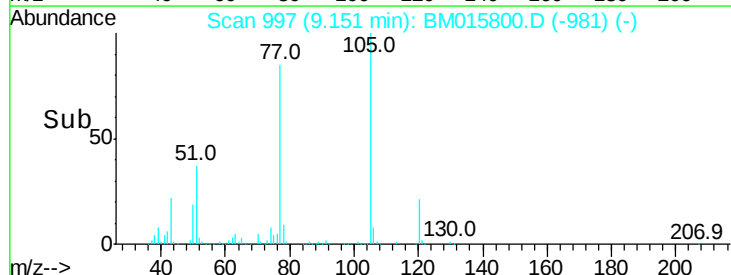
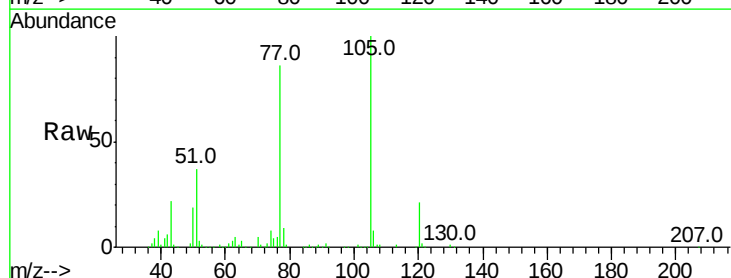
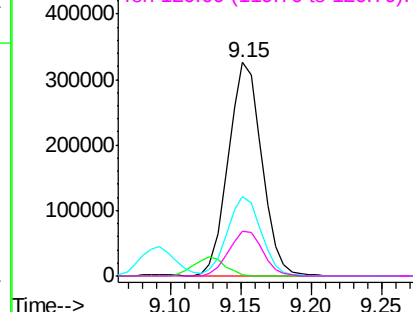
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

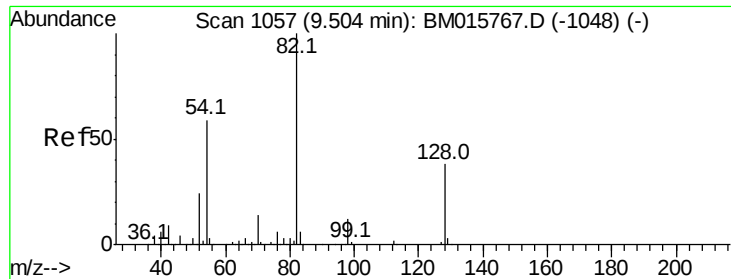


#22
Acetophenone
Concen: 40.043 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	535540		
71	0.8	0.6	1.0	
51	37.3	21.6	32.4	
120	21.1	16.1	24.1	

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





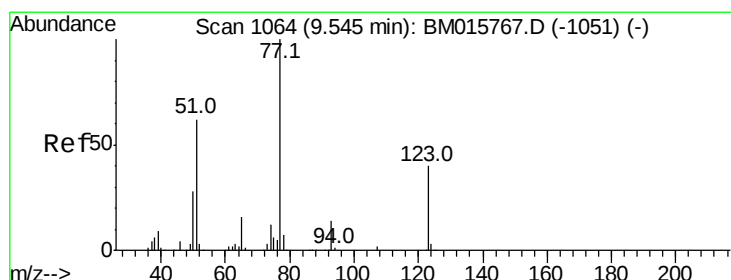
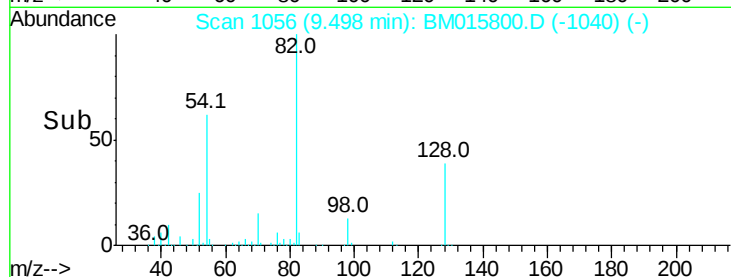
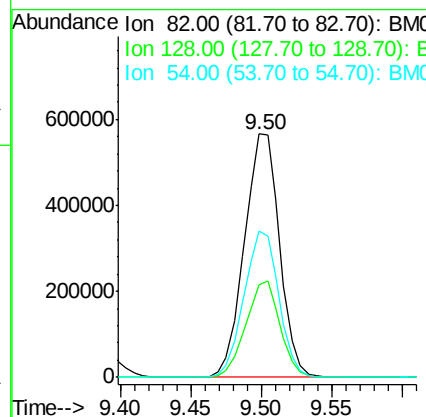
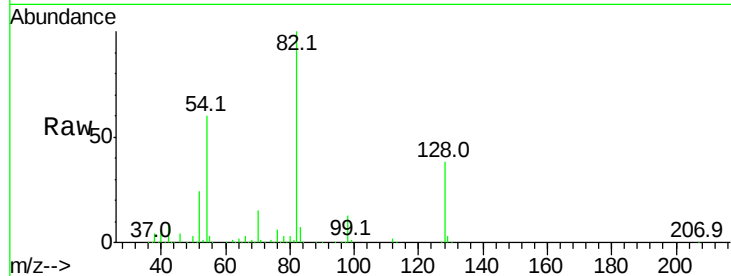
#23
 Nitrobenzene-d5
 Concen: 40.043 ng
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.8	32.8	49.2	
54	60.0	40.6	60.8	

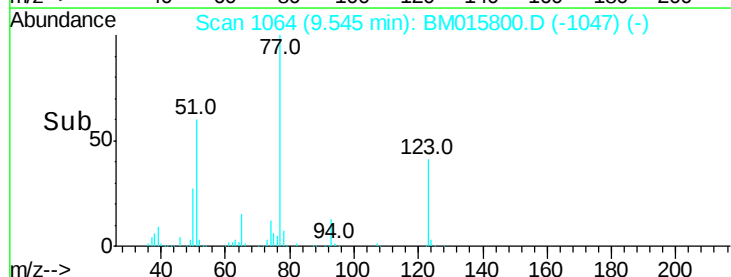
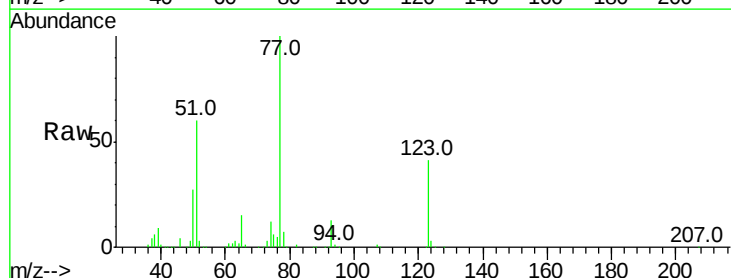
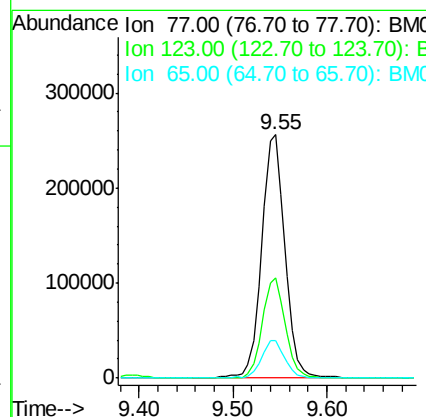
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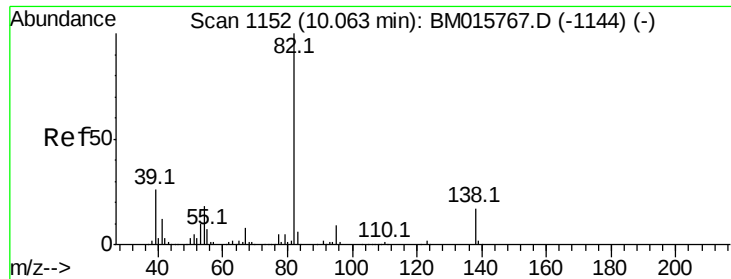
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#24
 Nitrobenzene
 Concen: 42.757 ng
 RT: 9.55 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.1	32.6	49.0	
65	15.4	10.9	16.3	





#25

Isophorone

Concen: 44.712 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

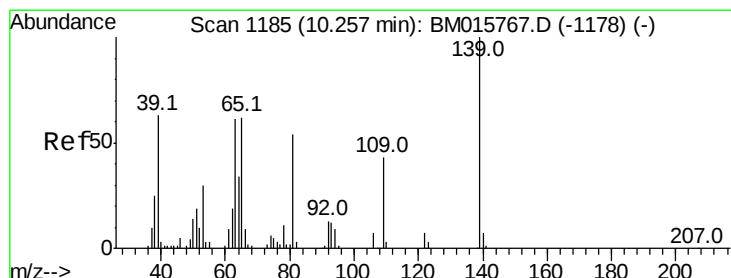
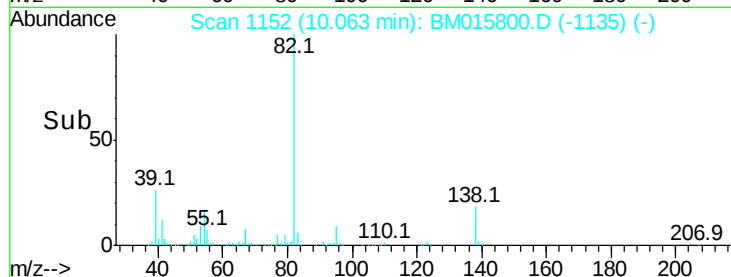
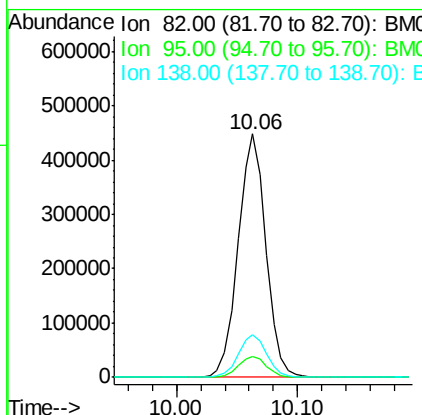
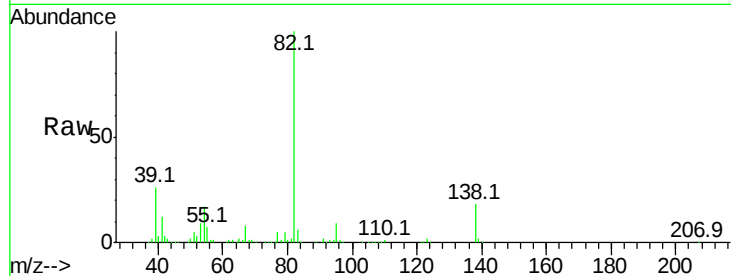
ClientSampleId :

PB110837BS

Tot Ion:	82	Resp:	718100
Ion Ratio	Lower	Upper	
82	100		
95	8.6	5.8	8.6#
138	17.6	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.768 ng

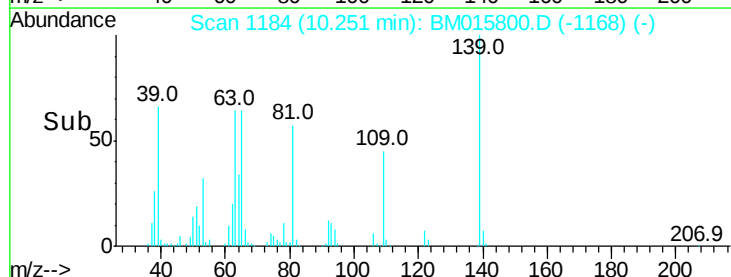
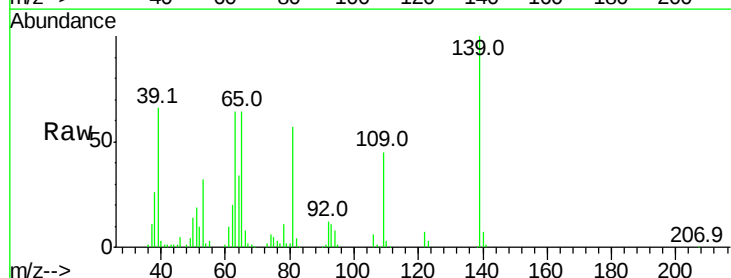
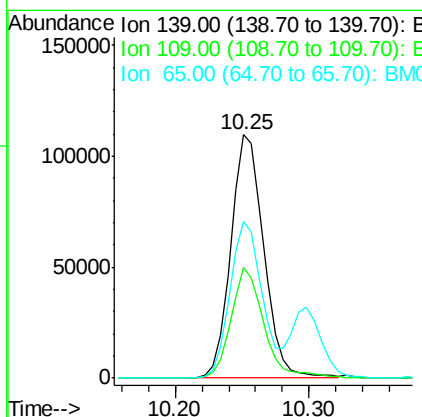
RT: 10.25 min Scan# 1184

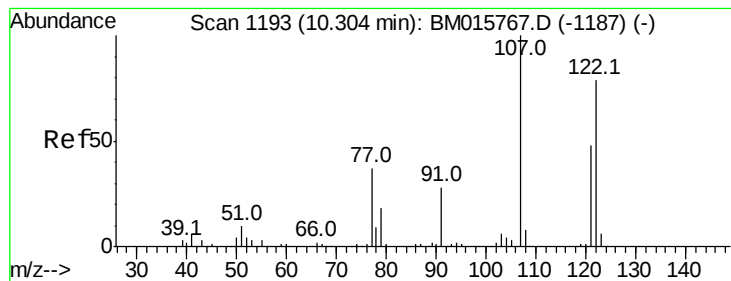
Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion:	139	Resp:	188630
Ion Ratio	Lower	Upper	
139	100		
109	45.2	20.1	30.1#
65	64.1	31.5	47.3#





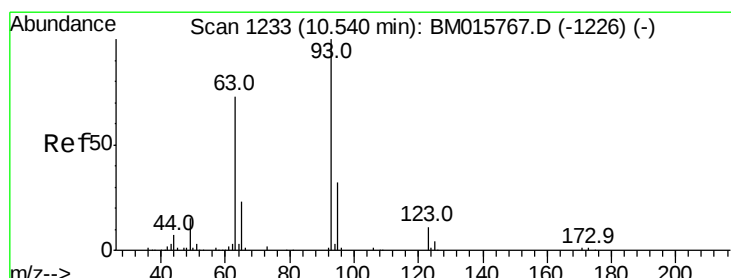
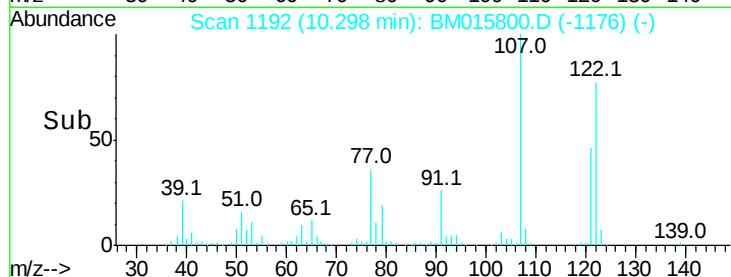
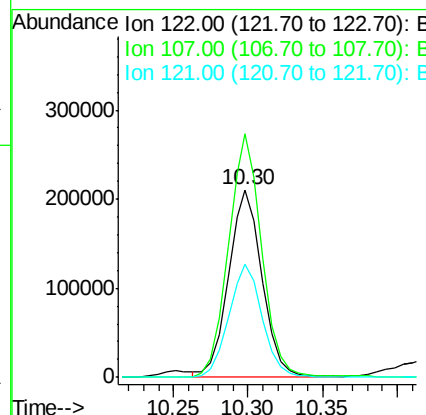
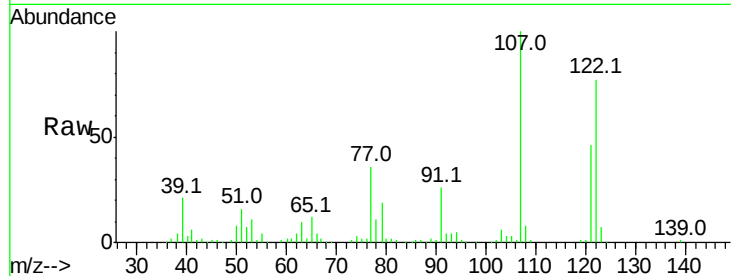
#27
 2,4-Dimethylphenol
 Concen: 49.057 ng
 RT: 10.30 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Instrument :
 BNA_M
 ClientSampled :
 PB110837BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		328697		
107	129.7	84.7	127.1#		
121	59.9	46.6	69.8		

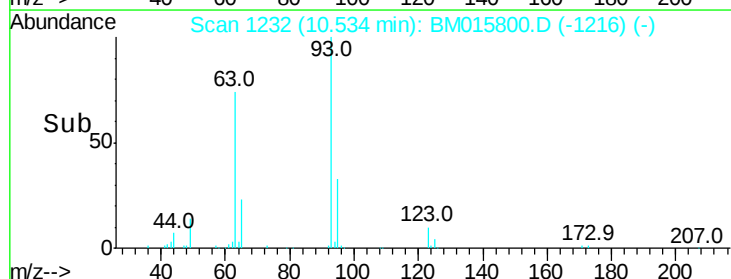
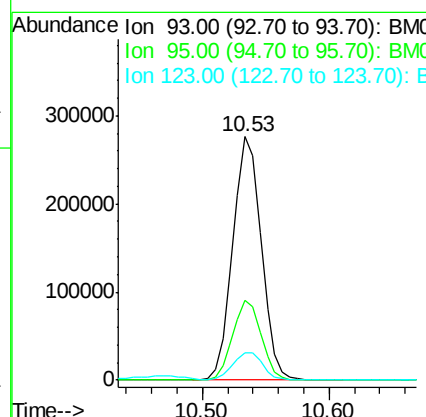
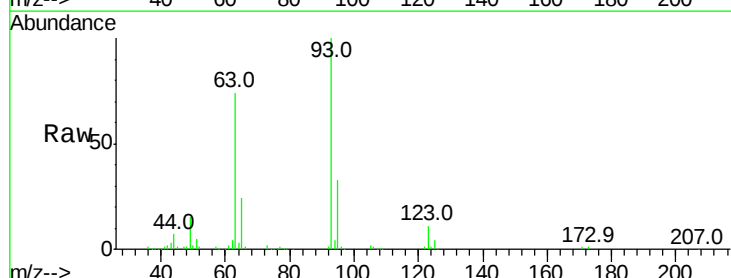
Manual Integrations
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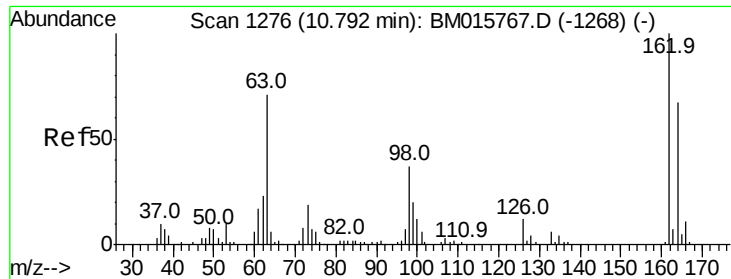
Sohil
 7/6/2018 5:22:07 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.030 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		429317		
95	32.9	25.5	38.3		
123	11.4	8.6	13.0		





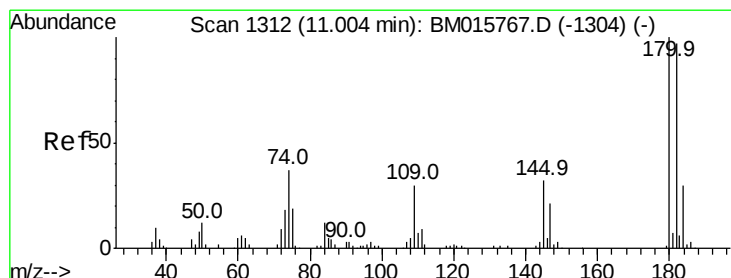
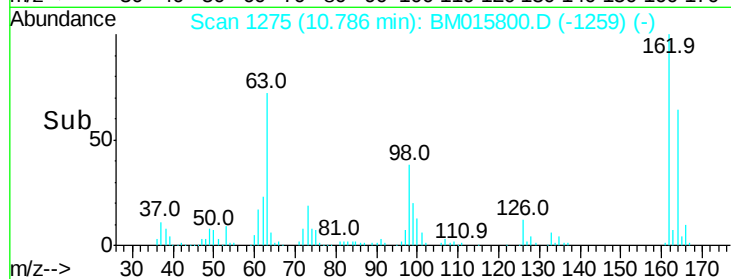
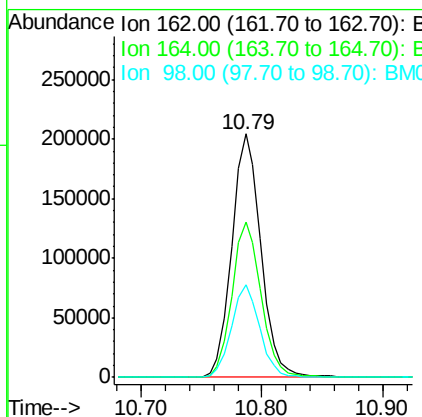
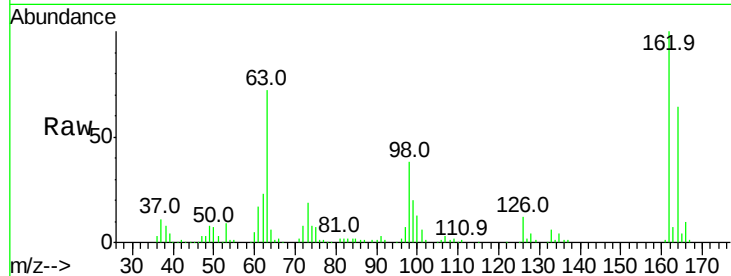
#29
 2,4-Dichlorophenol
 Concen: 46.274 ng
 RT: 10.79 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Instrument :
 BNA_M
 ClientSampled :
 PB110837BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	343391		
164	63.8	42.8	82.8	
98	37.9	14.5	54.5	

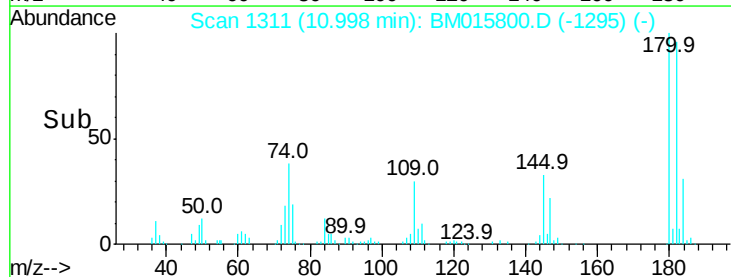
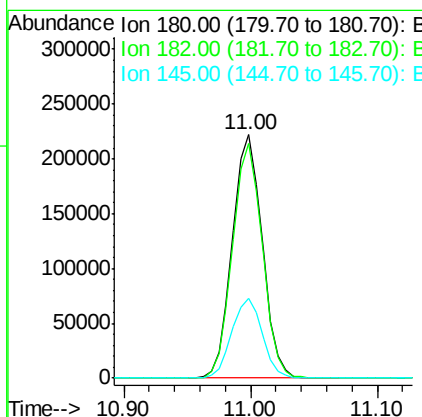
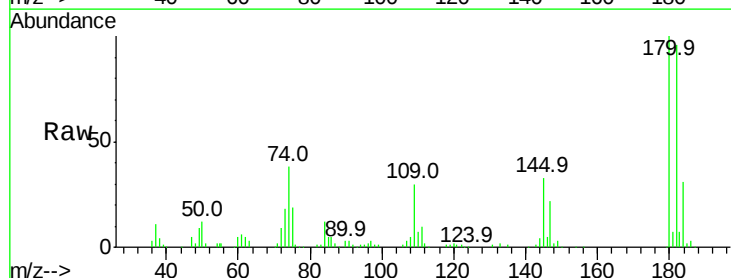
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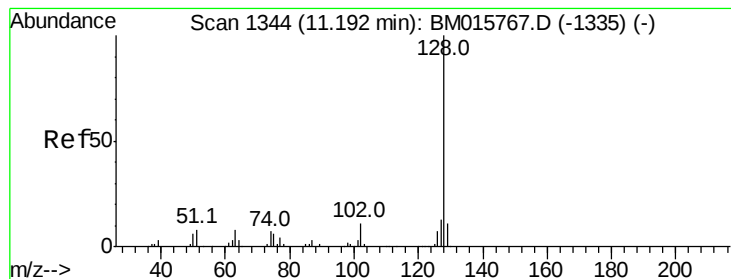
Sohil
 7/6/2018 5:22:07 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.031 ng
 RT: 11.00 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	362271		
182	96.3	77.6	116.4	
145	32.8	23.4	35.2	





#31

Naphthalene

Concen: 41.635 ng

RT: 11.19 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

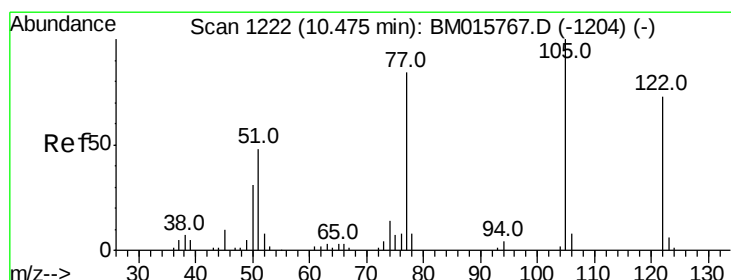
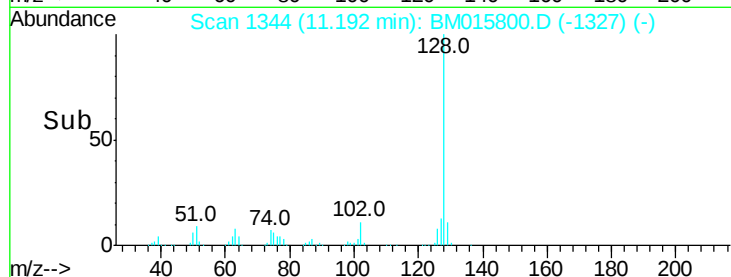
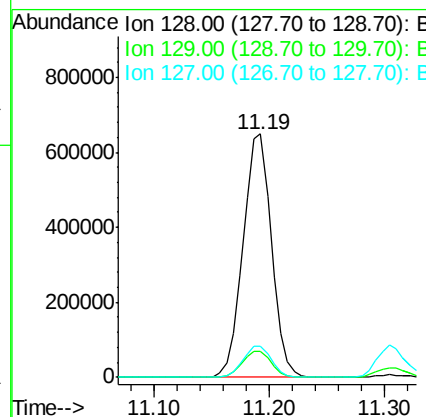
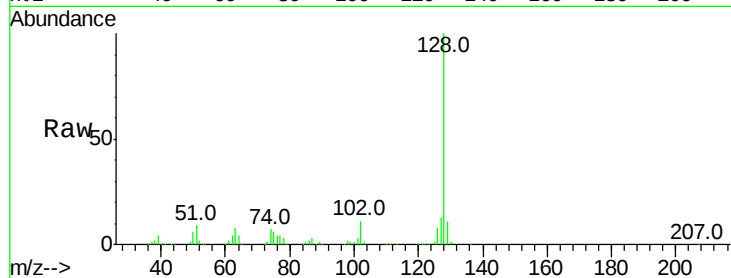
ClientSampleId :

PB110837BS

Tot Ion:	128	Resp:	1108222
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.9	10.4	15.6

Manual Integrations
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#32

Benzoic acid

Concen: 37.767 ng m

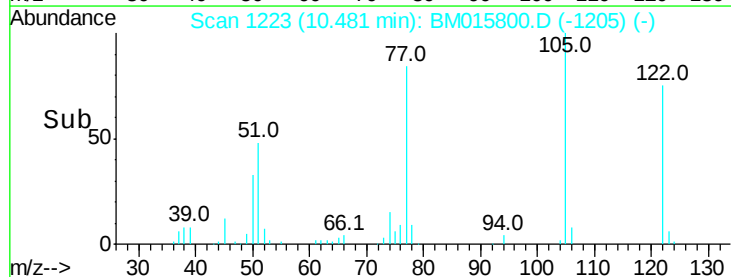
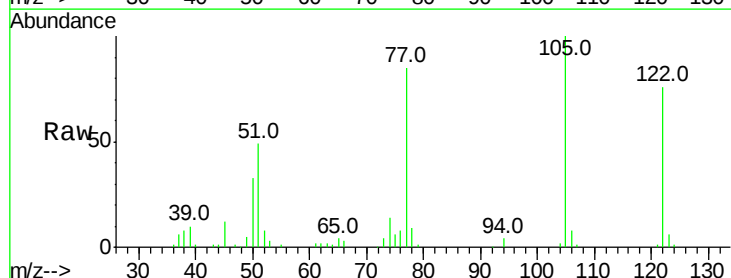
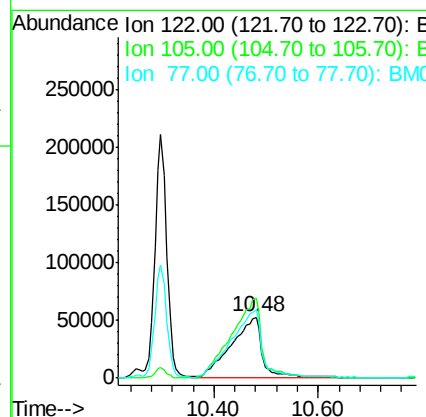
RT: 10.48 min Scan# 1223

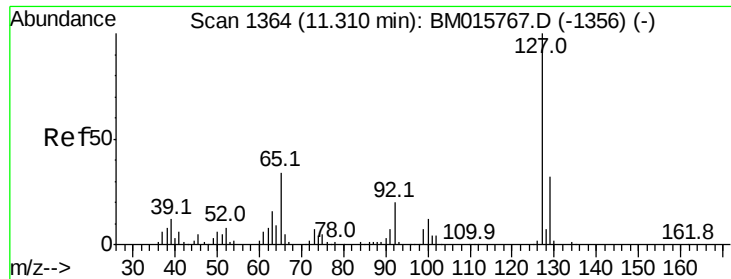
Delta R.T. 0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion:	122	Resp:	224044
Ion	Ratio	Lower	Upper
122	100		
105	131.3	99.9	139.9
77	111.9	73.7	113.7





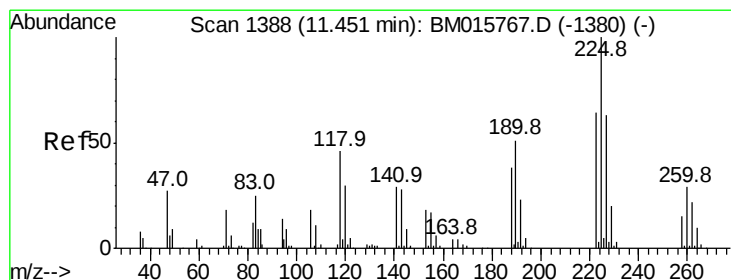
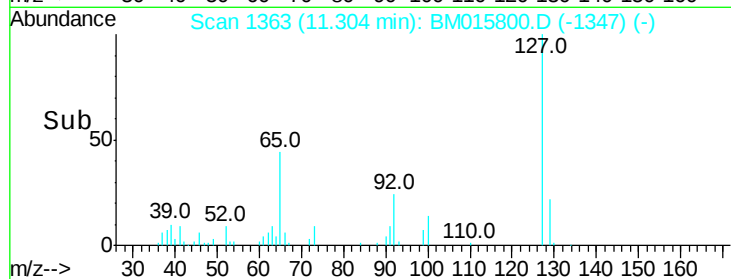
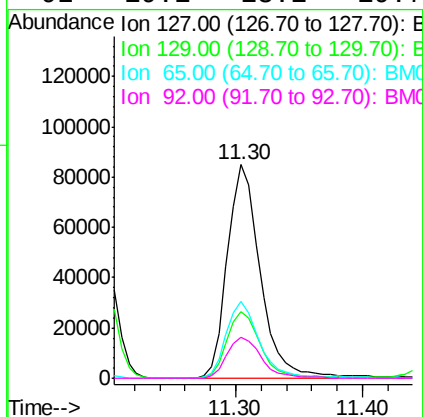
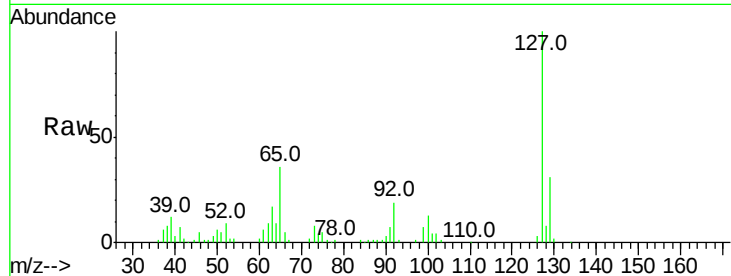
#33
4-Chloroaniline
Concen: 14.082 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.3	37.9
65	36.1	17.6	26.4
92	19.1	13.1	19.7

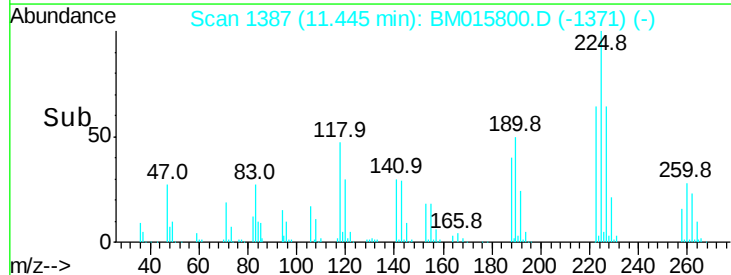
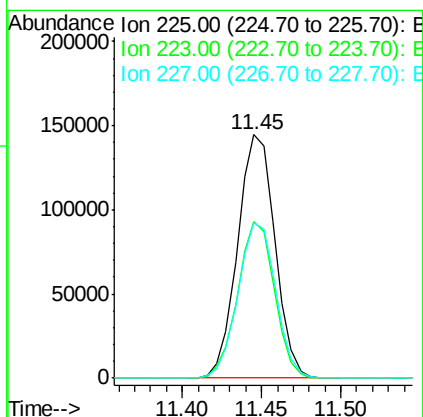
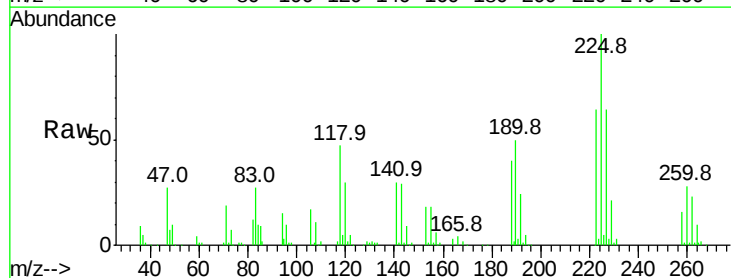
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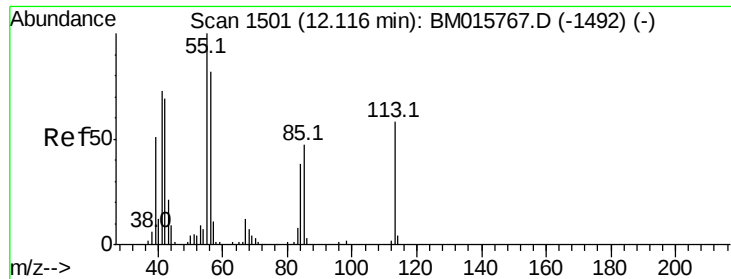
Sohil
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#34
Hexachlorobutadiene
Concen: 41.129 ng
RT: 11.45 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	47.9	71.9
227	63.8	50.1	75.1





#35

Caprolactam

Concen: 35.903 ng/ml

RT: 12.12 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

ClientSampleId :

PB110837BS

Tot Ion:113 Resp: 88360

Ion Ratio Lower Upper

113 100

55 178.3 145.9 185.9

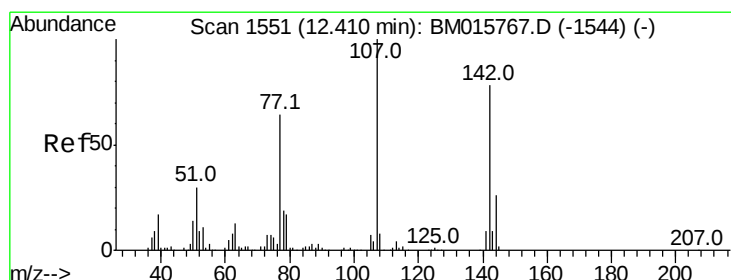
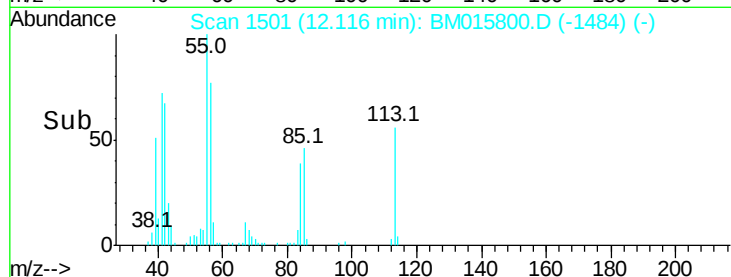
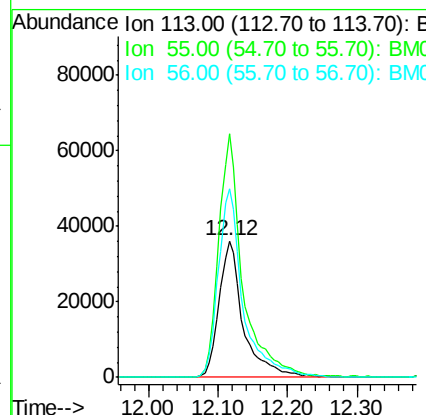
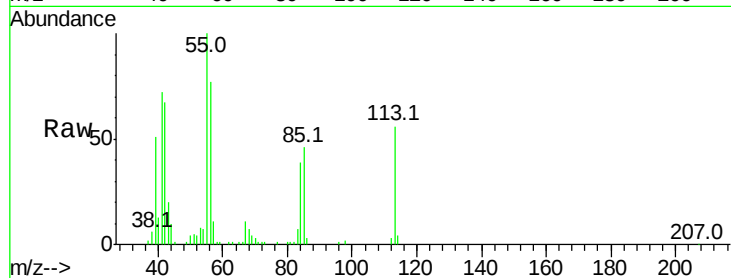
56 137.8 101.0 141.0

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 42.153 ng/ml

RT: 12.41 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

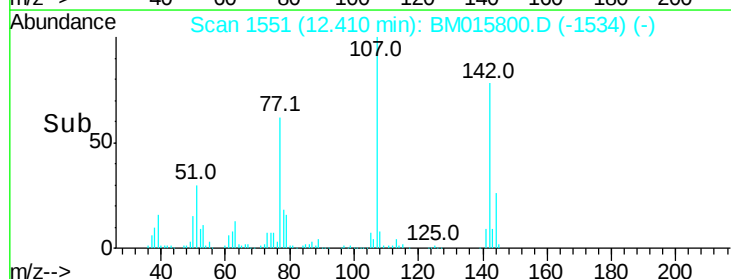
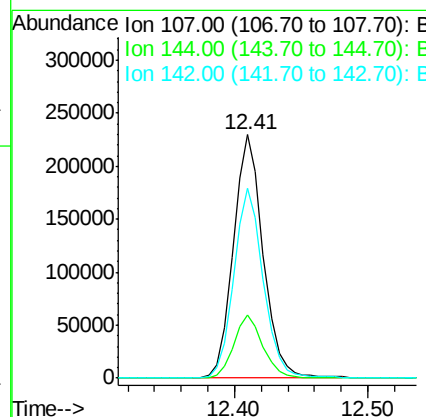
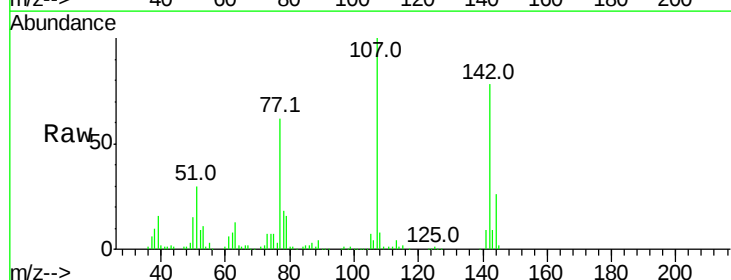
Tgt Ion:107 Resp: 358920

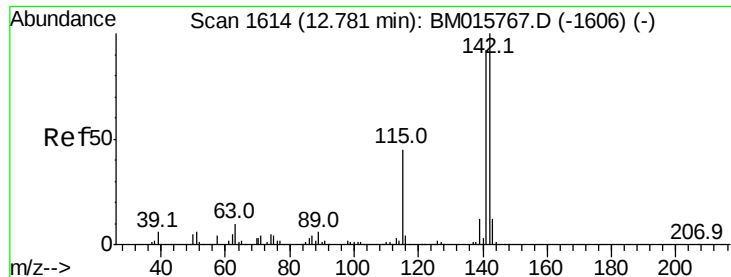
Ion Ratio Lower Upper

107 100

144 25.8 23.3 34.9

142 77.9 72.6 109.0





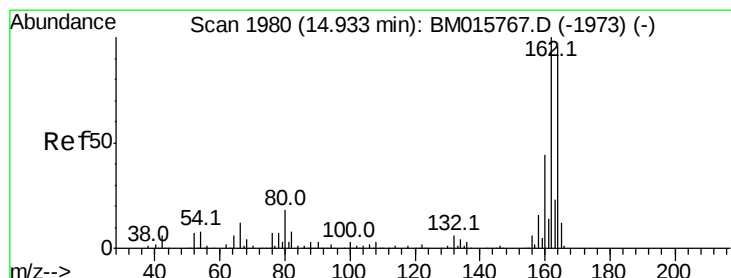
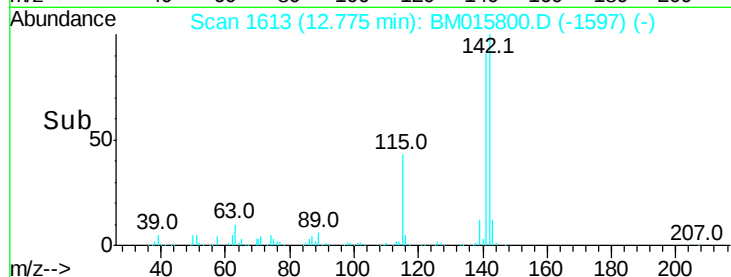
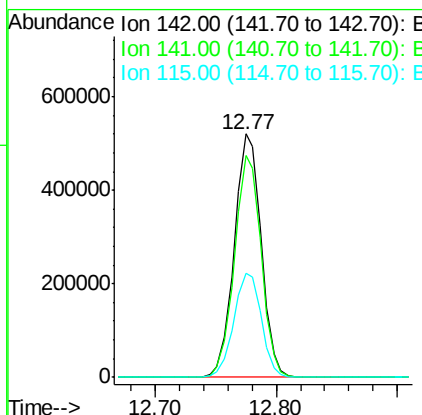
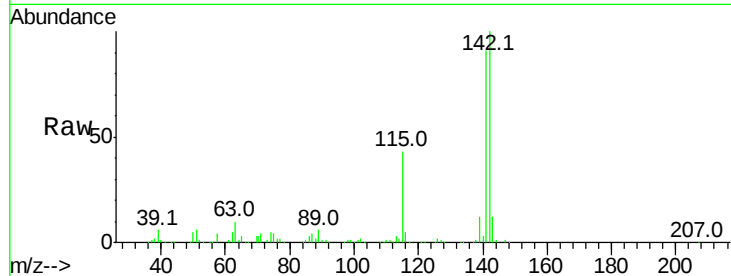
#37
2-Methylnaphthalene
Concen: 42.621 ng
RT: 12.77 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	807017		
141	91.3	71.9	107.9	
115	42.7	25.4	38.0	

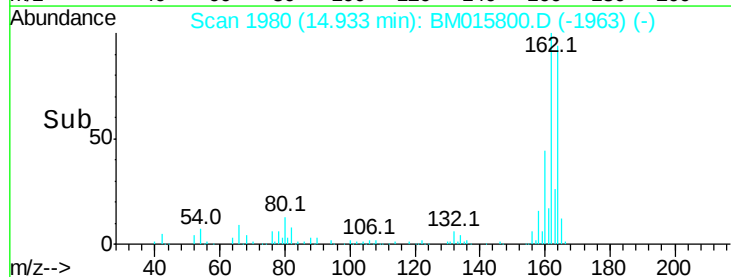
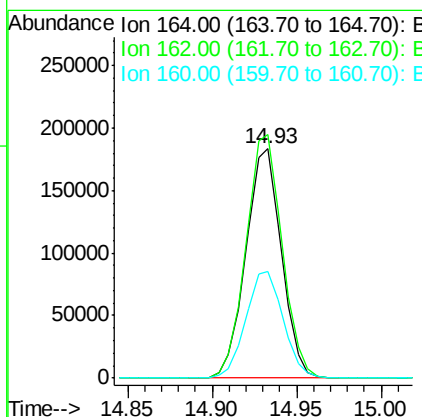
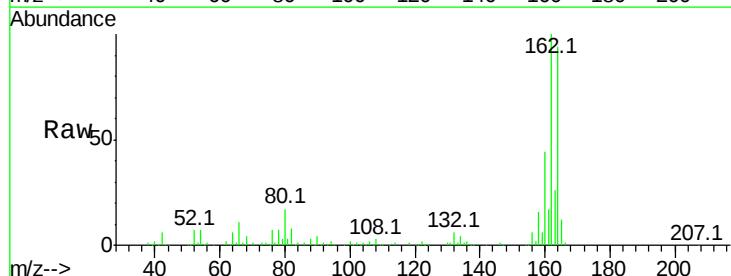
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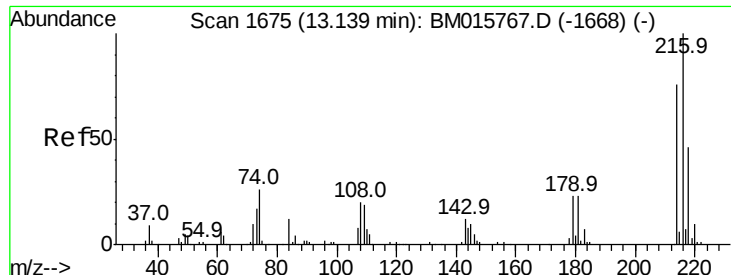
Sohil
7/6/2018 5:22:07 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	268976		
162	106.2	82.4	123.6	
160	46.5	35.8	53.6	





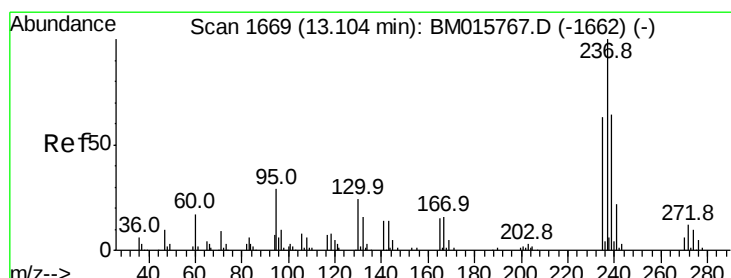
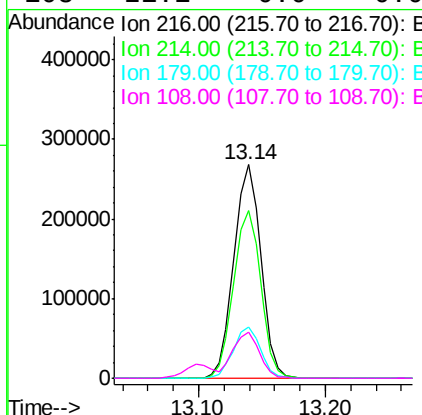
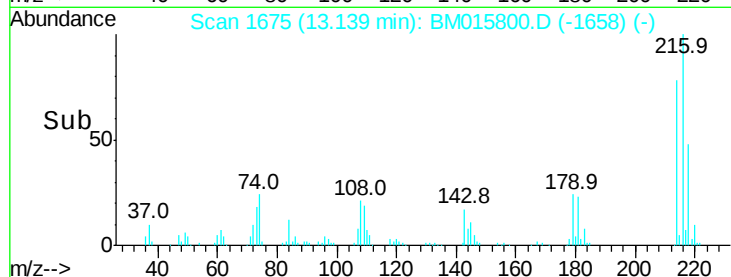
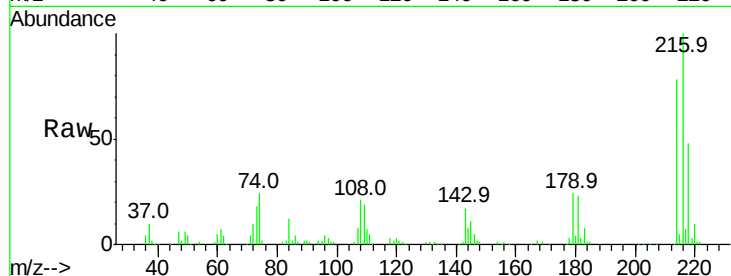
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.751 ng
 RT: 13.14 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	0.0	0.0#
179	24.1	0.0	0.0#
108	21.1	0.0	0.0#

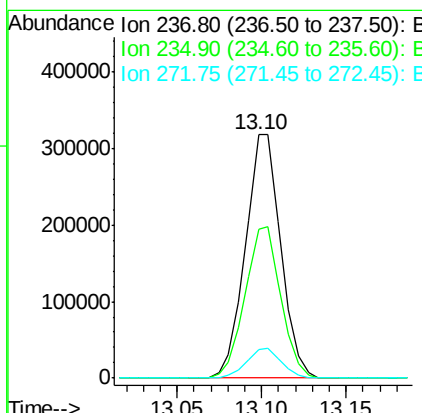
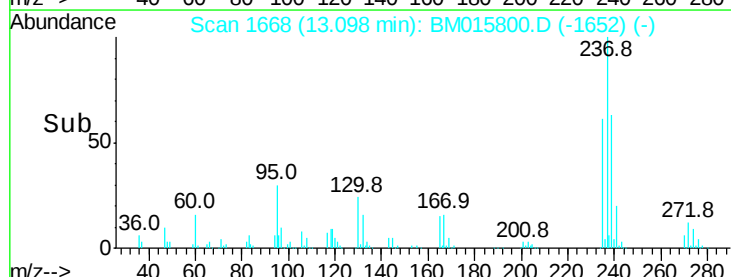
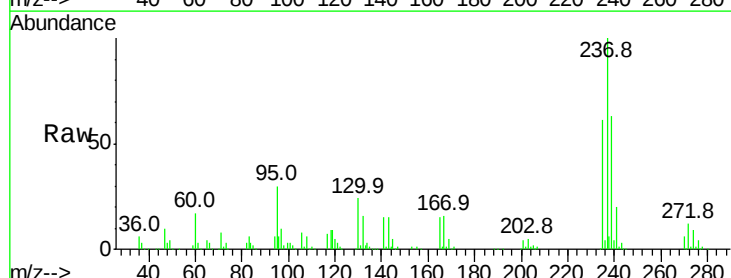
Manual Integrations
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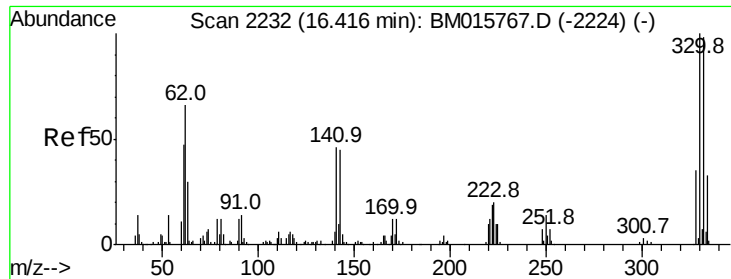
Sohil
 7/6/2018 5:22:07 PM



#40
 Hexachlorocyclopentadiene
 Concen: 110.743 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.3	42.0	82.0
272	11.6	0.0	33.4





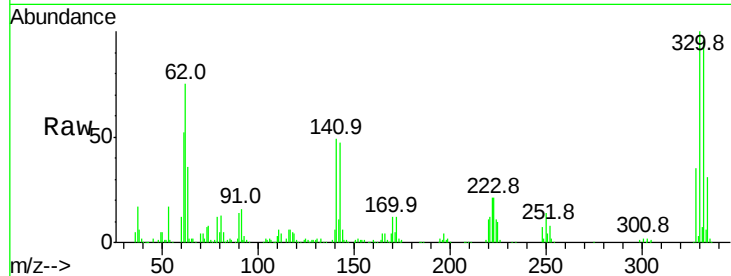
#41
 2,4,6-Tribromophenol
 Concen: 110.743 ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	49.2	0.0	0.0#

Manual Integrations
 APPROVED

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 7/6/2018 5:22:07 PM

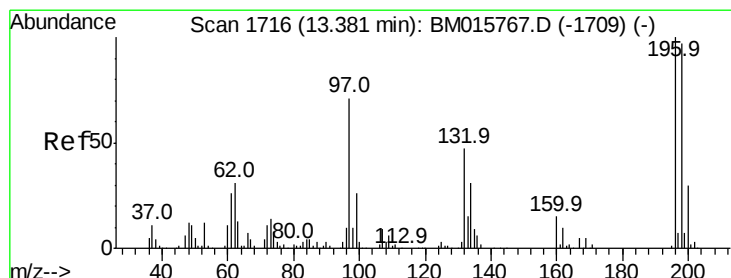
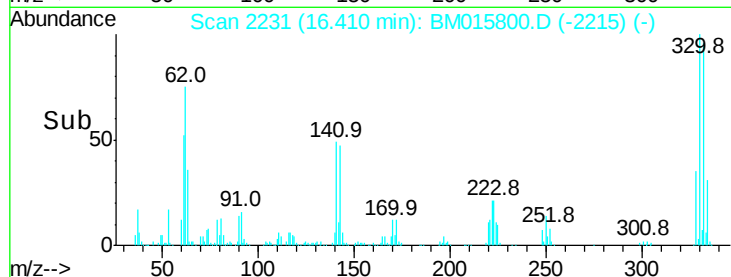
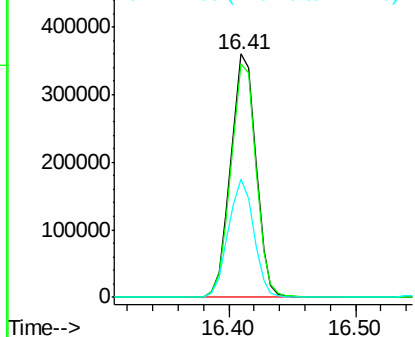


Abundance

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



#42
 2,4,6-Trichlorophenol
 Concen: 46.206 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

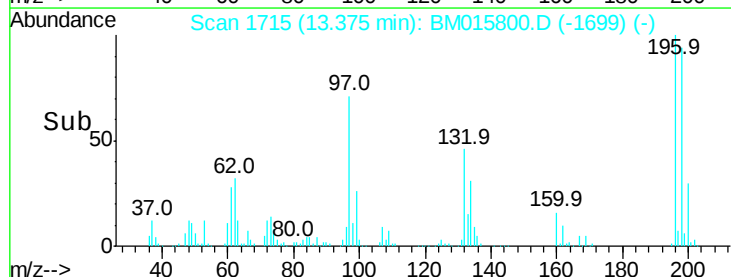
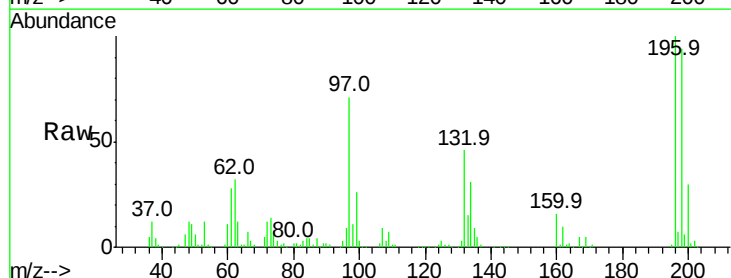
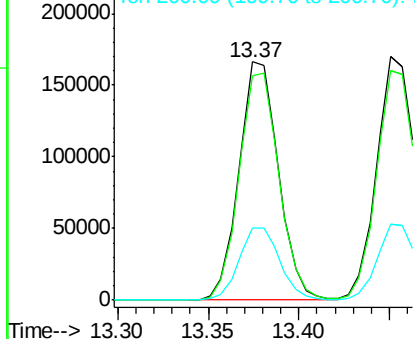
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.4	76.3	114.5
200	30.1	25.6	38.4

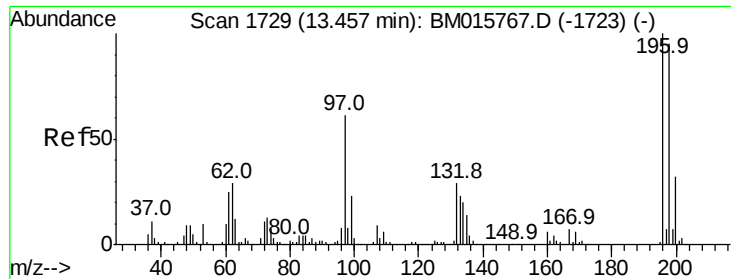
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





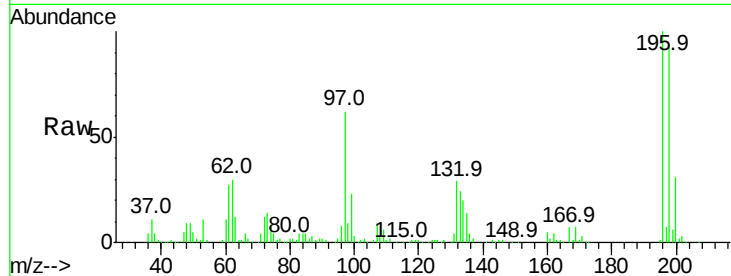
#43
 2,4,5-Trichlorophenol
 Concen: 44.544 ng
 RT: 13.45 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Instrument :
 BNA_M
 ClientSampled :
 PB110837BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	262581		
198	94.1	79.4	119.0	
97	62.1	26.8	40.2#	
132	29.4	18.6	28.0#	

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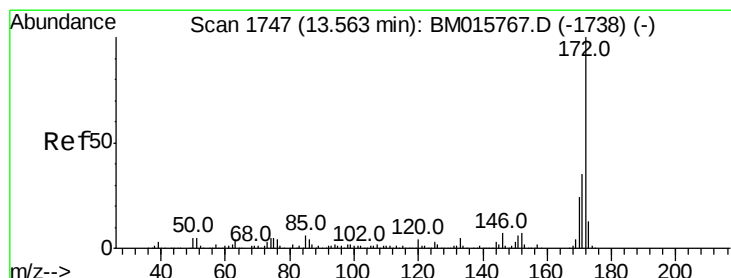
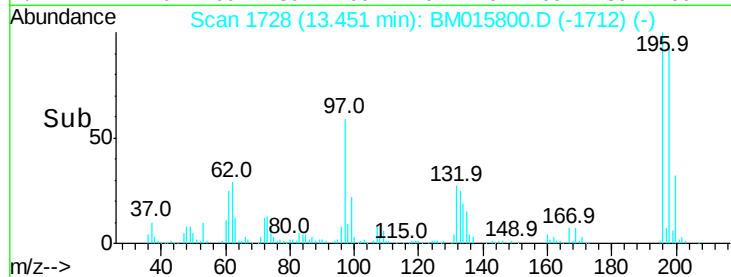
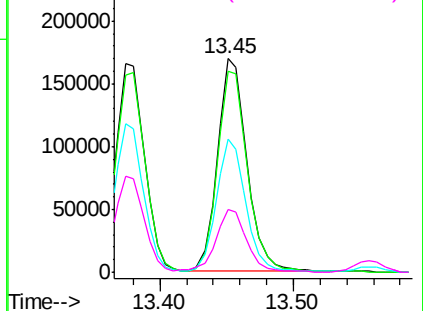
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 44.544 ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

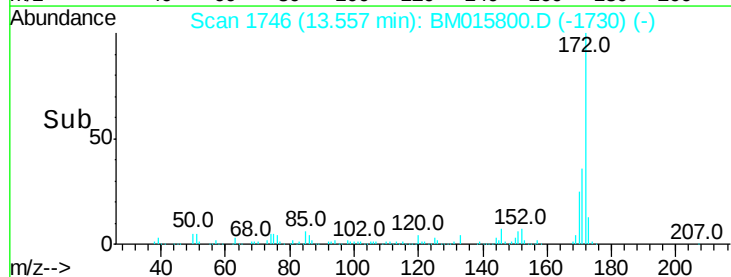
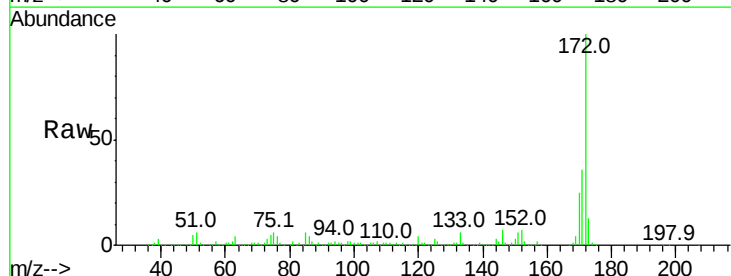
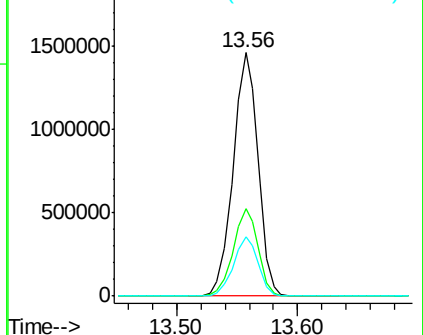
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2095155		
171	36.0	28.5	42.7	
170	24.6	18.8	28.2	

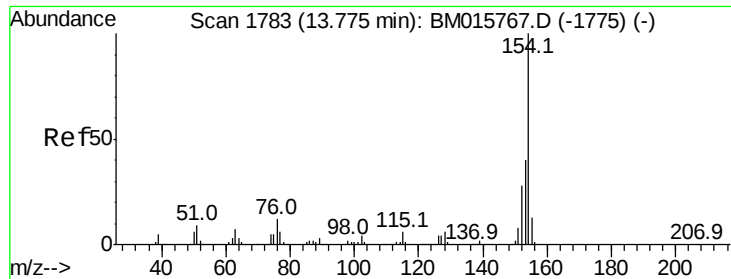
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





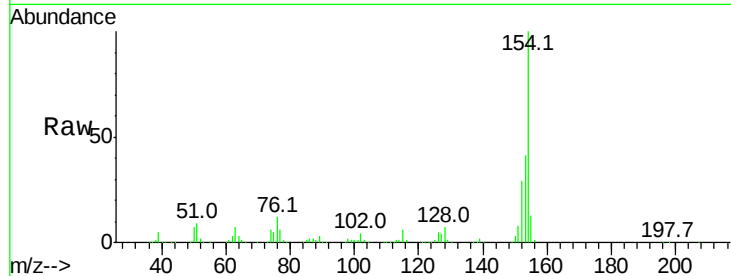
#45
1,1'-Biphenyl
Concen: 43.154 ng
RT: 13.77 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

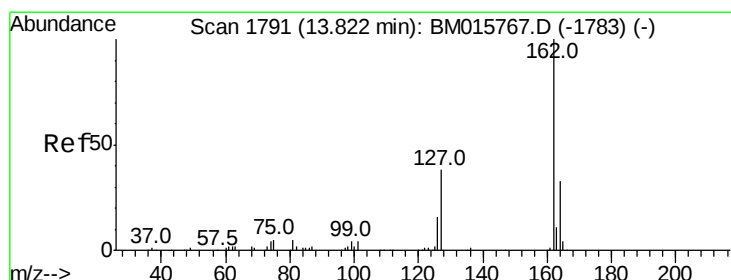
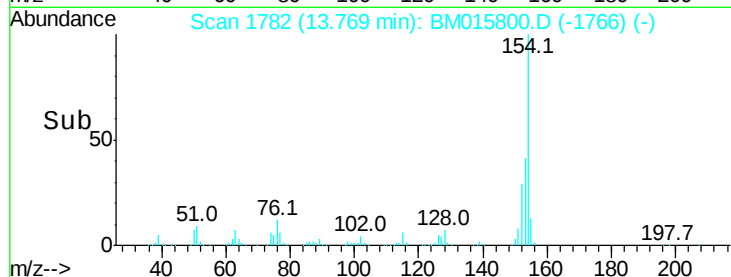
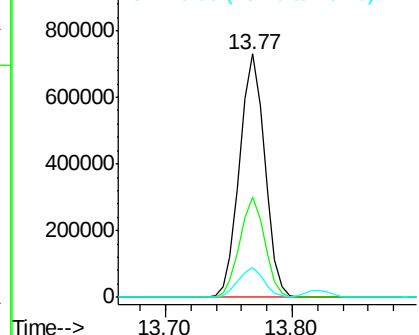
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.7	60.7
76	12.4	0.0	30.9

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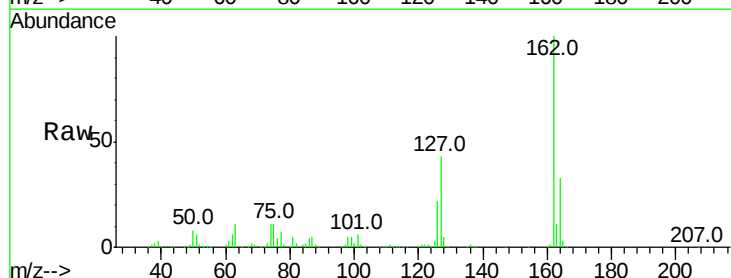


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

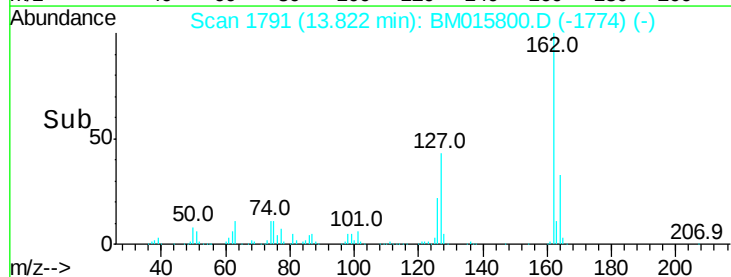
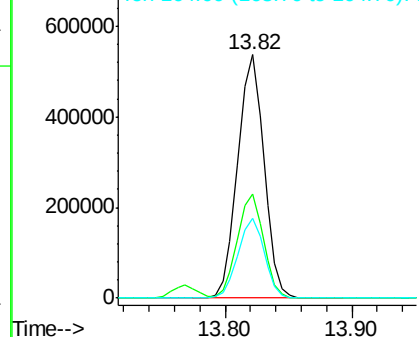


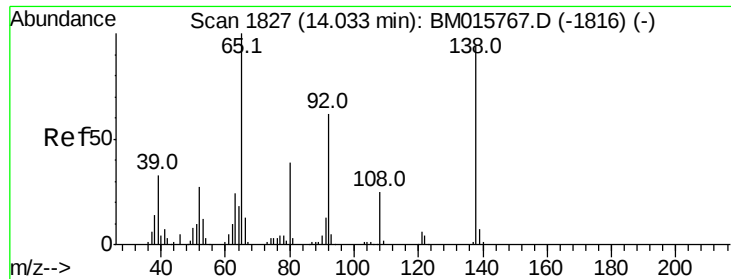
#46
2-Chloronaphthalene
Concen: 44.291 ng
RT: 13.82 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	26.9	40.3#
164	32.8	26.8	40.2



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





#47

2-Nitroaniline

Concen: 41.022 ng

RT: 14.03 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

ClientSampleId :

PB110837BS

Tot Ion: 65 Resp: 248739

Ion Ratio Lower Upper

65 100

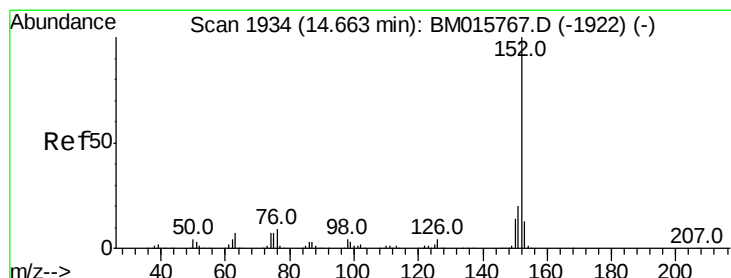
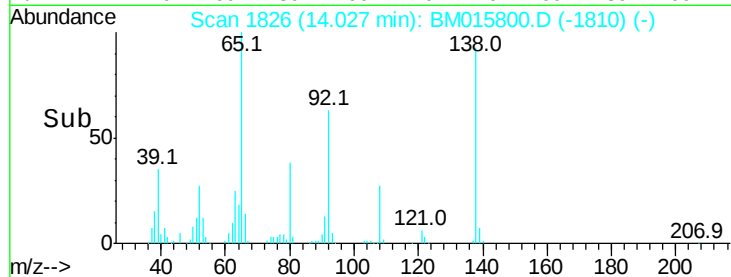
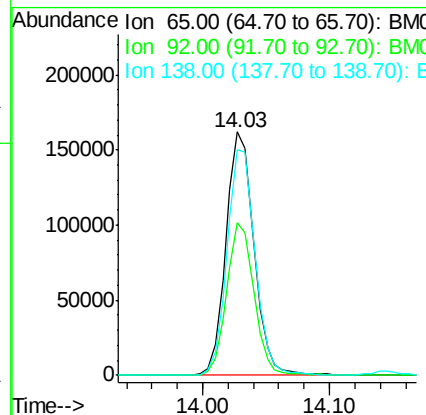
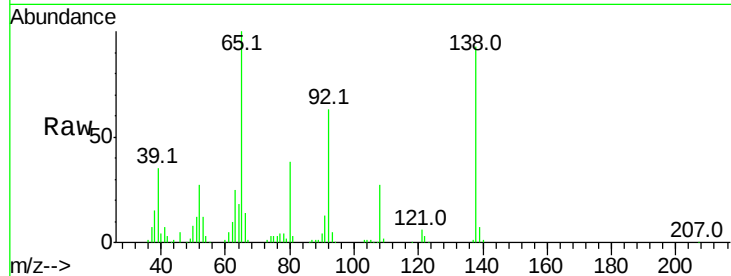
92 62.6 59.1 88.7

138 92.7 93.9 140.9#

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#48

Acenaphthylene

Concen: 43.218 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

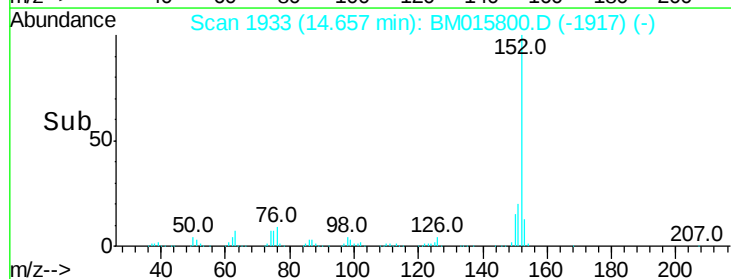
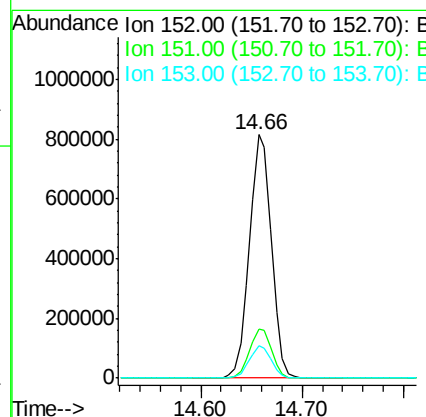
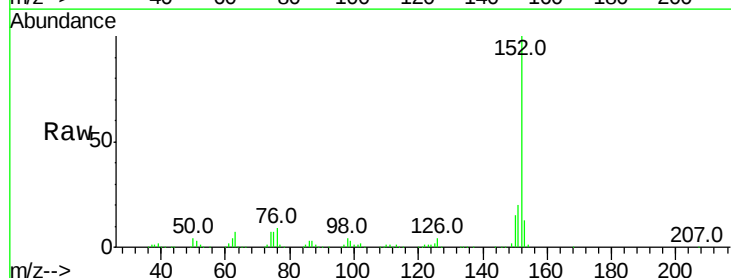
Tgt Ion: 152 Resp: 1222438

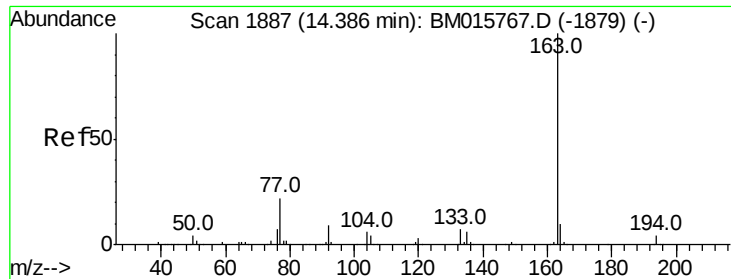
Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.1 10.6 16.0





#49

Dimethylphthalate

Concen: 39.483 ng

RT: 14.38 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

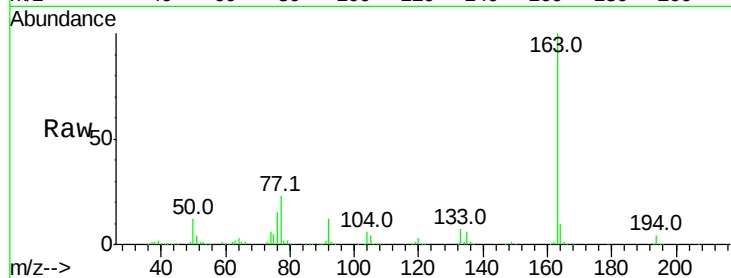
ClientSampleId :

PB110837BS

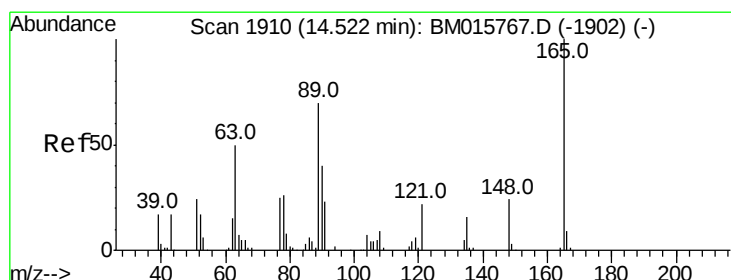
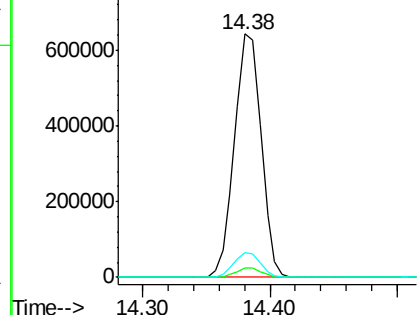
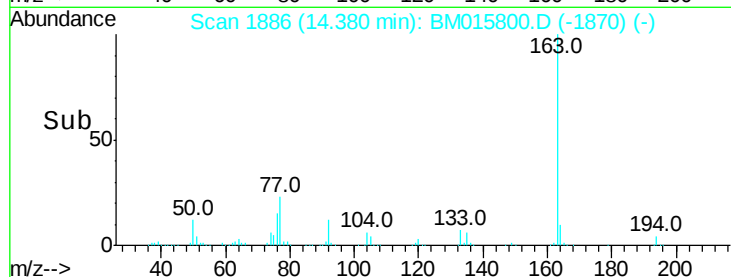
Tot Ion:	163	Resp:	936618
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.2	8.2	12.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.971 ng

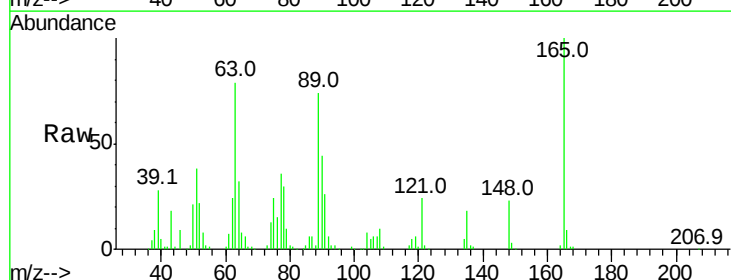
RT: 14.52 min Scan# 1909

Delta R.T. -0.01 min

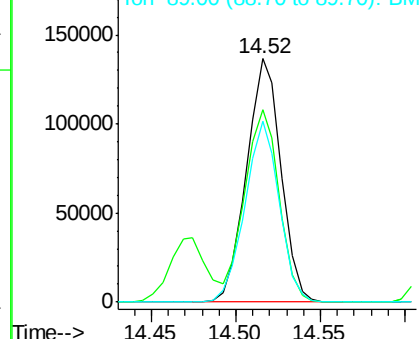
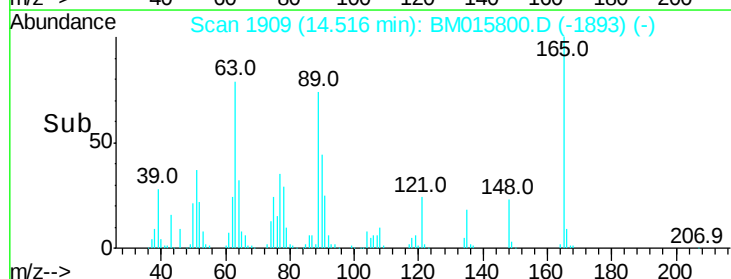
Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion:	165	Resp:	194125
Ion Ratio	Lower	Upper	
165	100		
63	79.1	44.1	66.1#
89	74.5	44.3	66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 40.006 ng

RT: 15.00 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

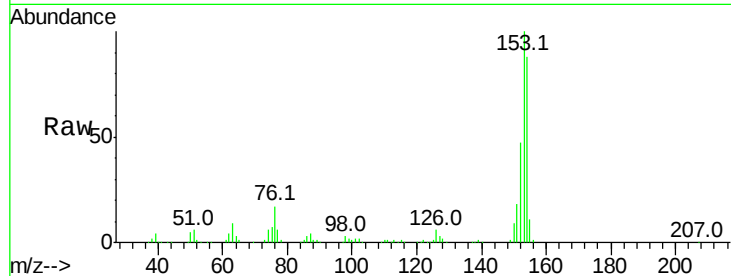
ClientSampleId :

PB110837BS

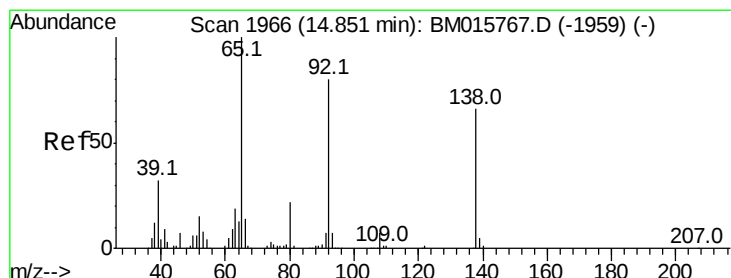
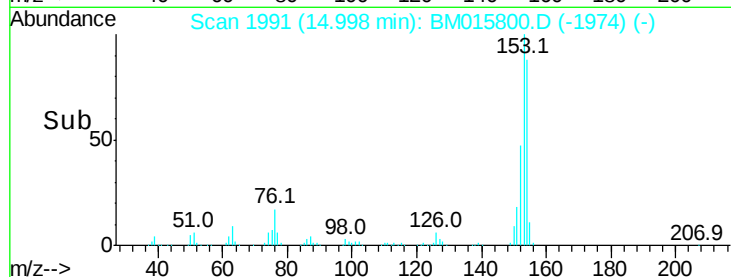
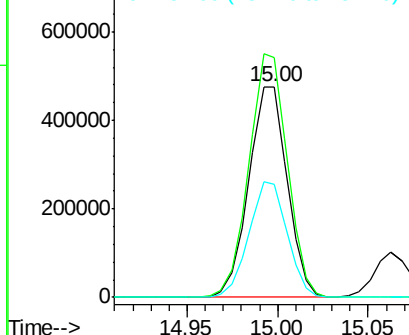
Tot Ion:	154	Resp:	704145
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.0	135.0
152	54.0	42.6	63.8

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.278 ng

RT: 14.85 min Scan# 1966

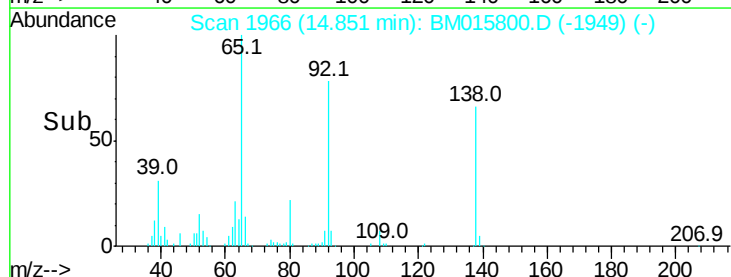
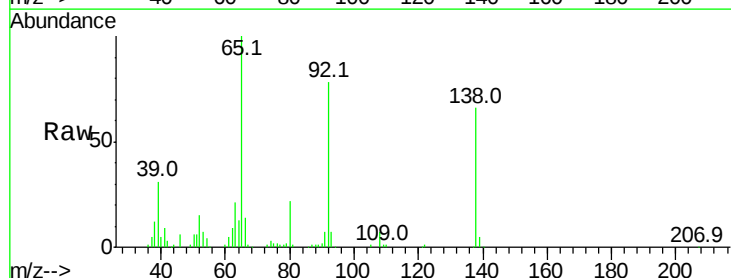
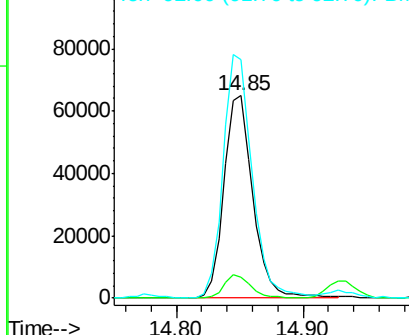
Delta R.T. -0.00 min

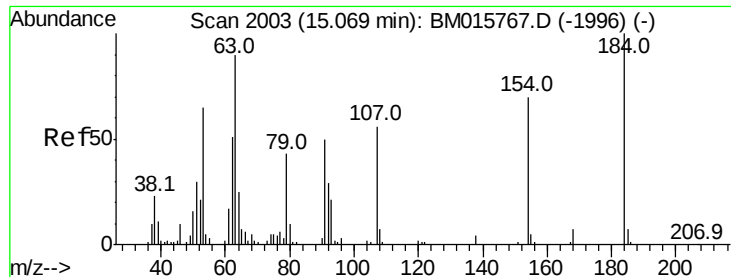
Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion:	138	Resp:	102659
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.3	10.9
92	117.6	76.6	114.8#

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





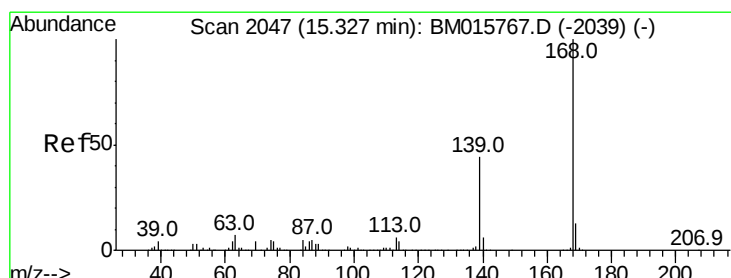
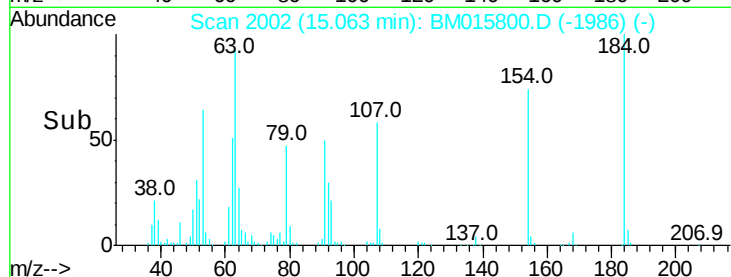
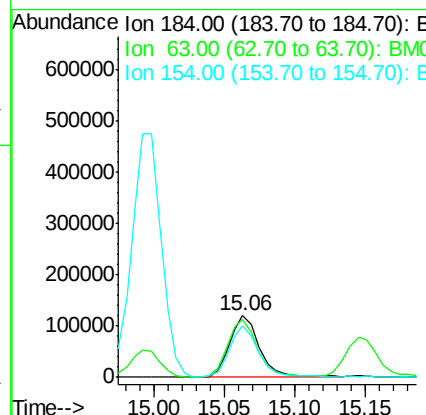
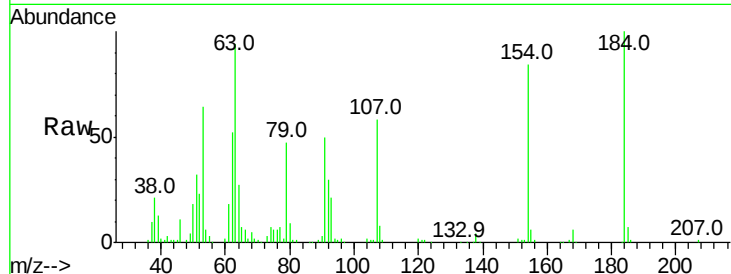
#53
2,4-Dinitrophenol
Concen: 76.586 ng
RT: 15.06 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

Tot Ion:184 Resp: 176507
Ion Ratio Lower Upper
184 100
63 93.7 69.2 103.8
154 84.5 53.3 79.9#

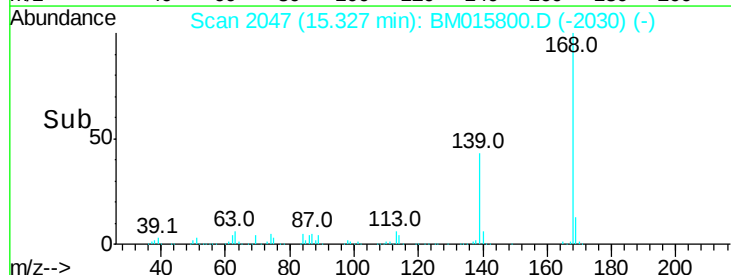
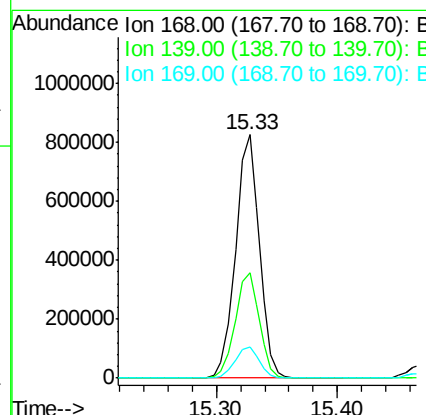
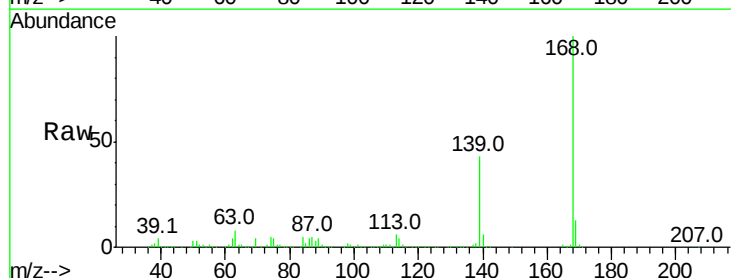
Manual Integrations
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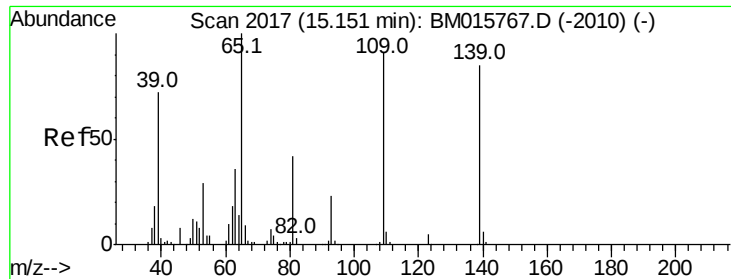
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#54
Dibenzofuran
Concen: 41.587 ng
RT: 15.33 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion:168 Resp: 1127888
Ion Ratio Lower Upper
168 100
139 43.2 27.3 40.9#
169 12.7 10.6 16.0





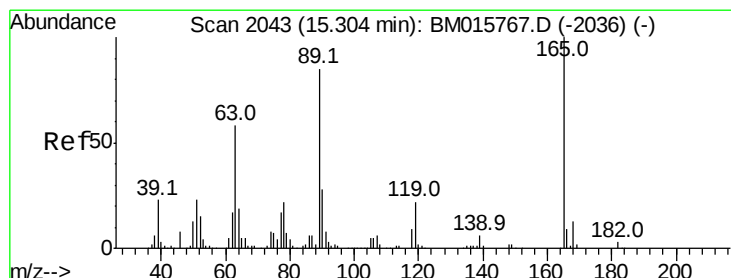
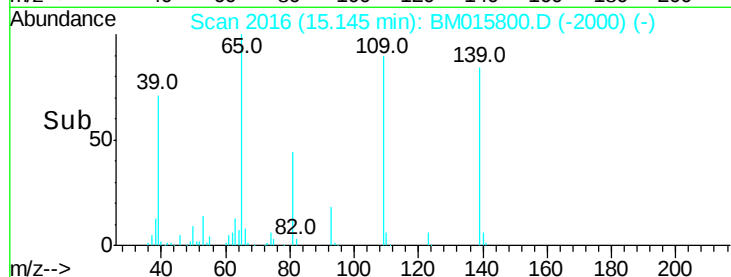
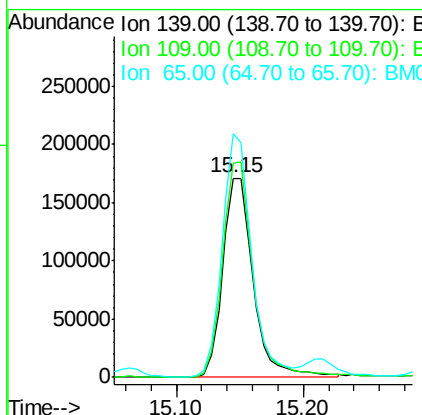
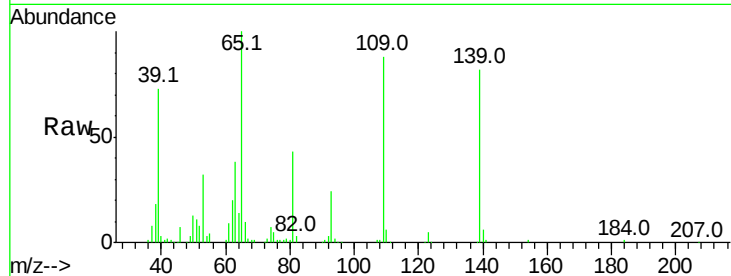
#55
4-Nitrophenol
Concen: 76.552 ng
RT: 15.15 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	107.4	130.0	170.0#	
65	122.1	130.0	170.0#	

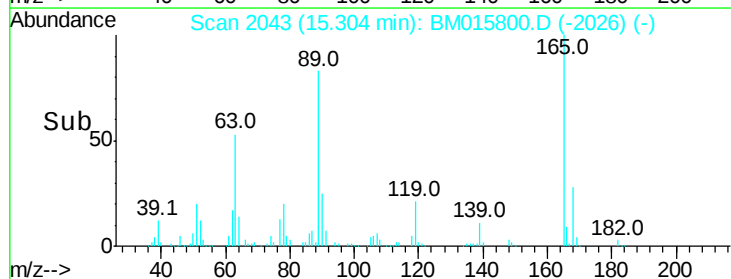
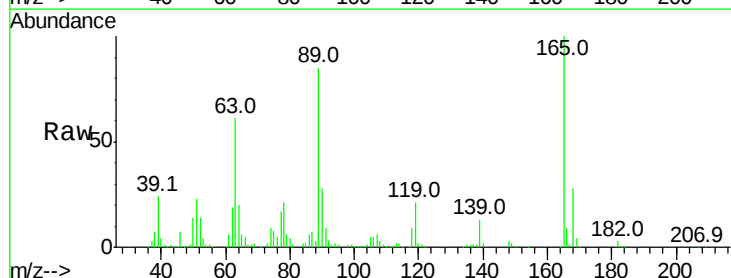
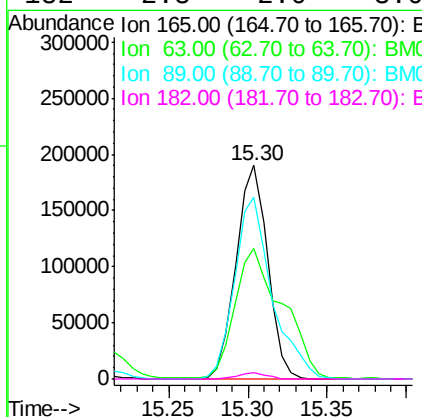
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#56
2,4-Dinitrotoluene
Concen: 39.386 ng
RT: 15.30 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.4	52.4	78.6	
89	84.9	72.4	108.6	
182	2.8	2.0	3.0	





#57

Fluorene

Concen: 39.651 ng

RT: 15.97 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

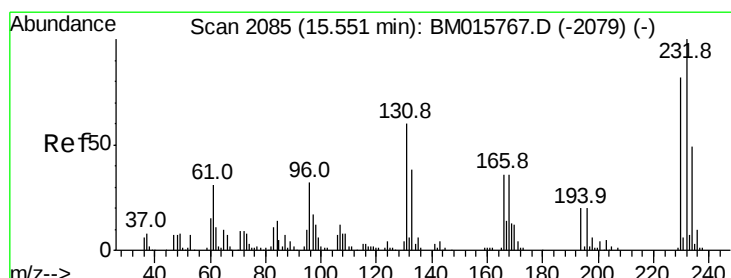
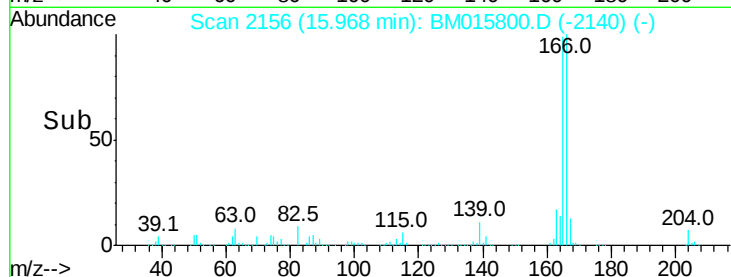
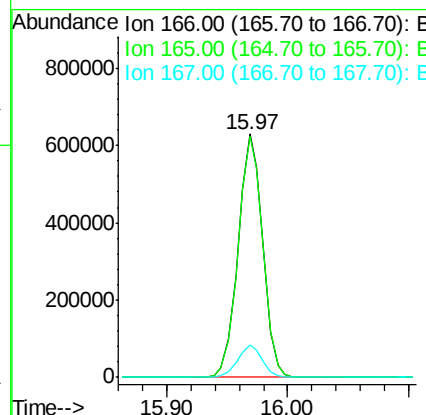
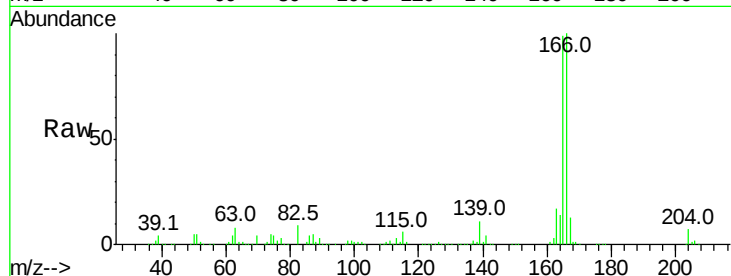
ClientSampleId :

PB110837BS

Tot Ion:	166	Resp:	886817
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.0	118.4
167	13.4	10.3	15.5

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.602 ng

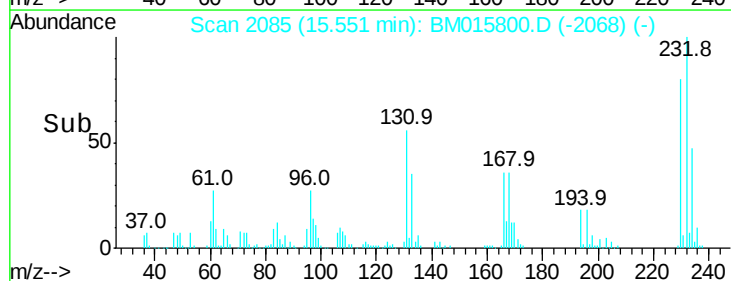
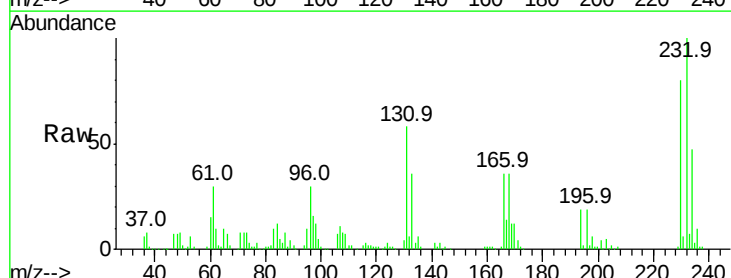
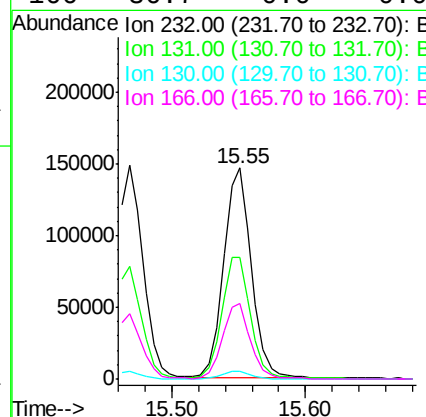
RT: 15.55 min Scan# 2085

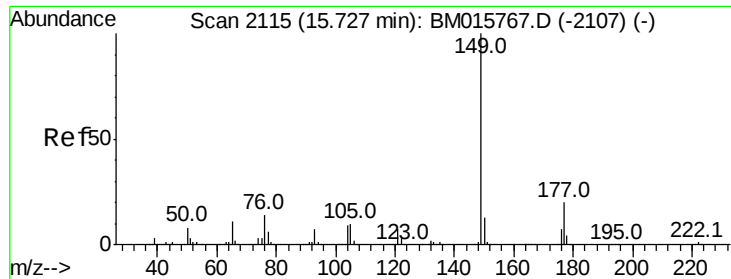
Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion:	232	Resp:	211920
Ion Ratio	Lower	Upper	
232	100		
131	59.5	0.0	0.0#
130	3.8	0.0	0.0#
166	36.7	0.0	0.0#





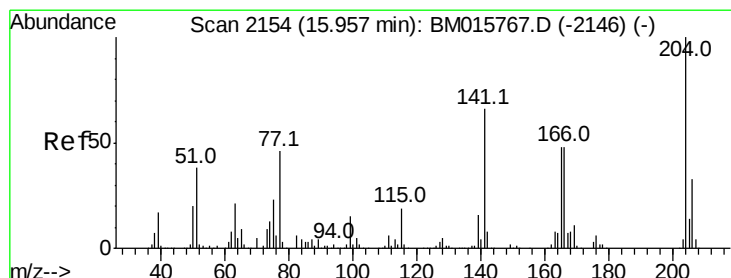
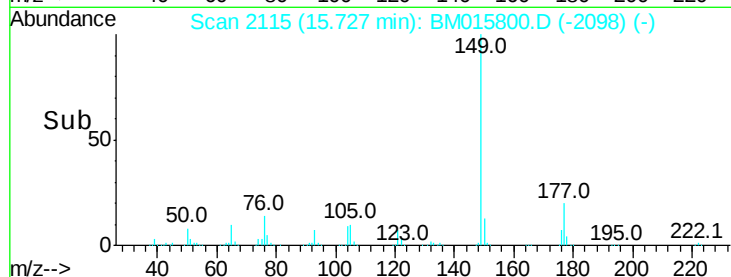
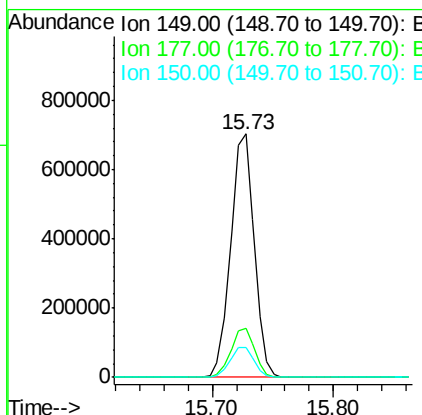
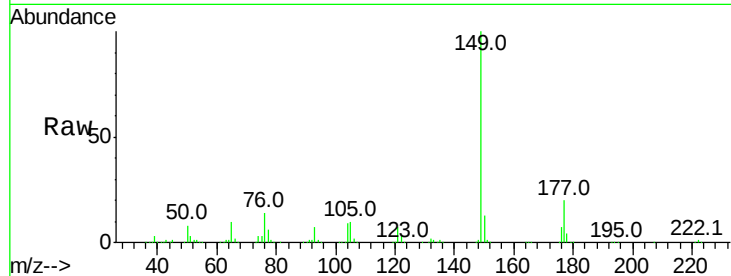
#59
Diethylphthalate
Concen: 37.494 ng
RT: 15.73 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	953116		
177	20.0	18.3	27.5	
150	12.5	9.8	14.8	

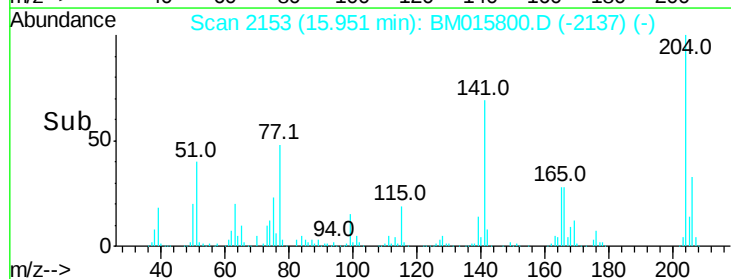
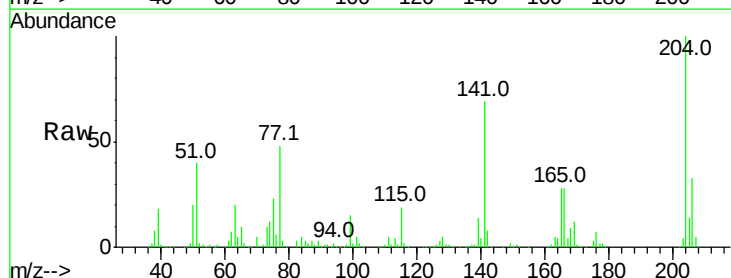
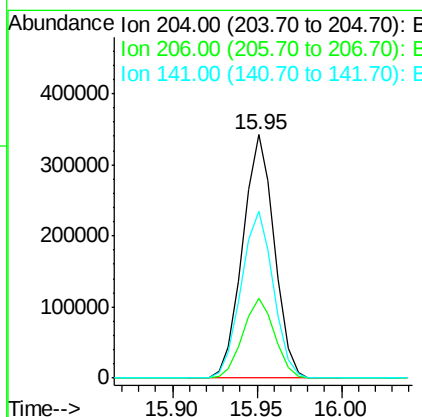
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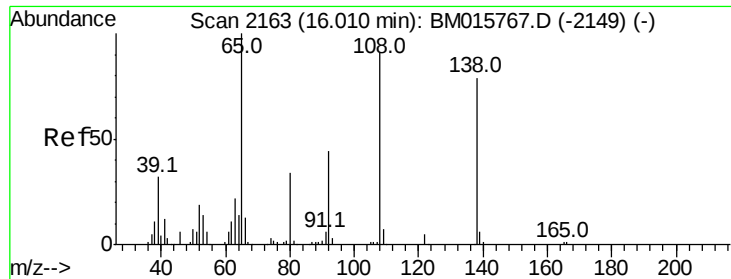
Sohil
7/6/2018 5:22:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.841 ng
RT: 15.95 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	447000		
206	32.9	26.6	39.8	
141	68.6	45.2	67.8	





#61

4-Nitroaniline

Concen: 34.519 ng

RT: 16.00 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

ClientSampleId :

PB110837BS

Tot Ion:138 Resp: 181287

Ion Ratio Lower Upper

138 100

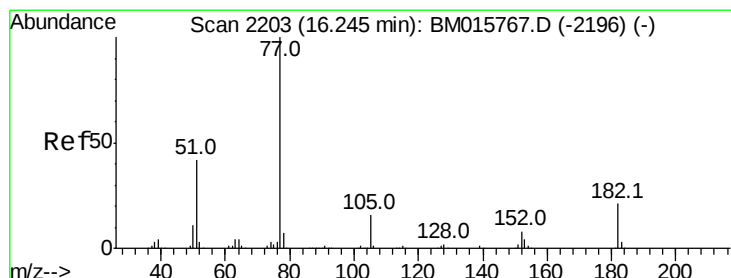
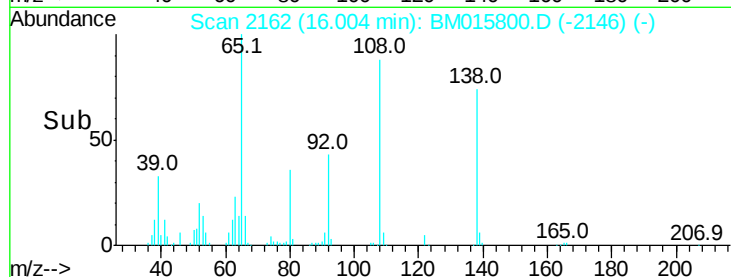
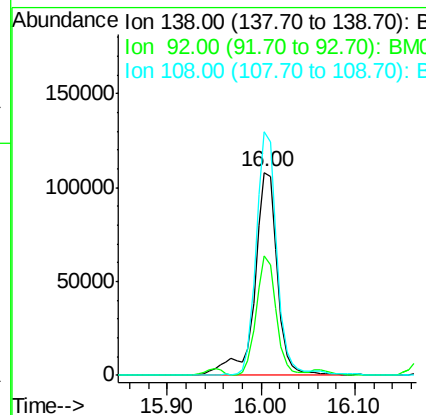
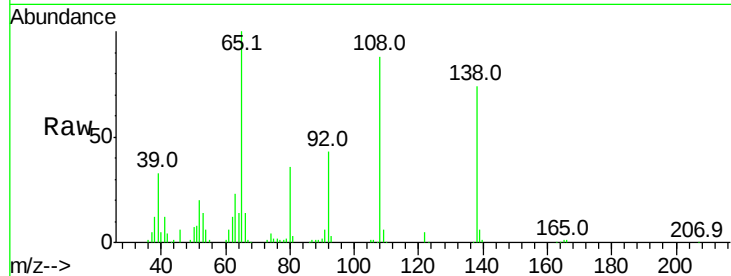
92 58.9 16.7 56.7#

108 119.9 37.6 77.6#

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#62

Azobenzene

Concen: 42.452 ng

RT: 16.24 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion: 77 Resp: 1011576

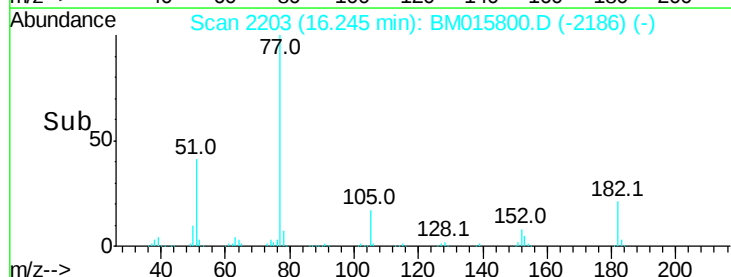
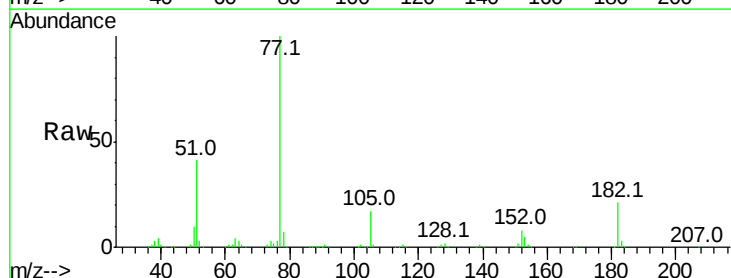
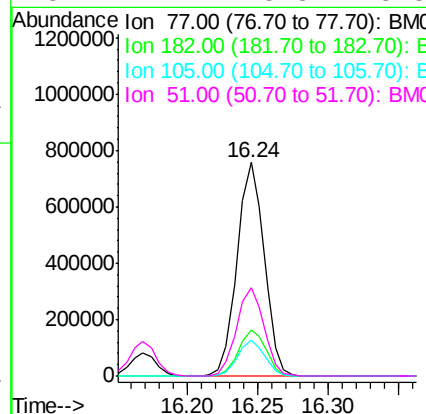
Ion Ratio Lower Upper

77 100

182 21.3 6.5 46.5

105 16.8 3.8 43.8

51 41.1 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

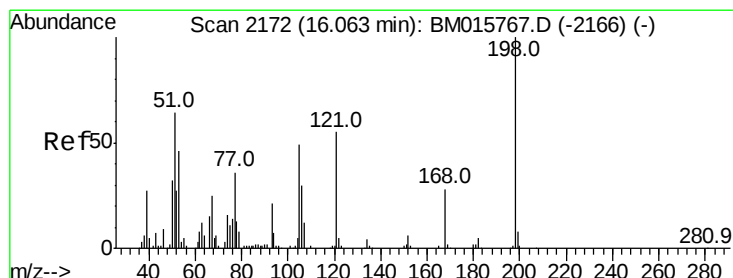
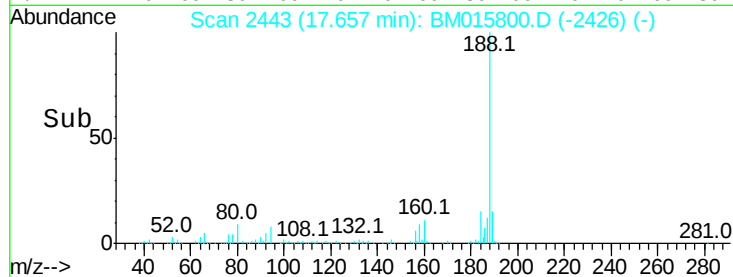
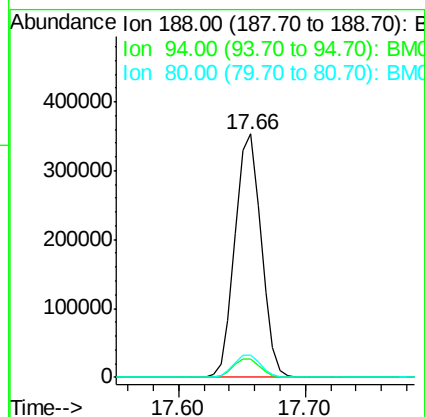
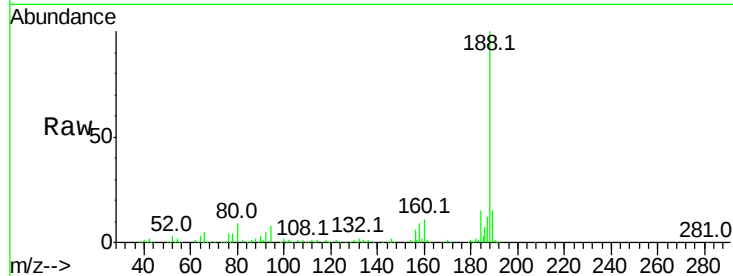
ClientSampleId :

PB110837BS

Tot Ion:	188	Resp:	504969
Ion Ratio	Lower	Upper	
188	100		
94	7.7	8.7	13.1#
80	9.3	9.3	13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.166 ng

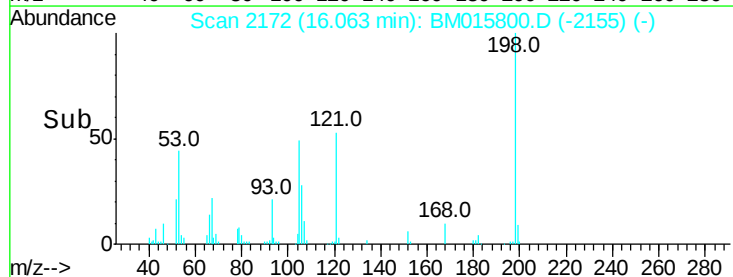
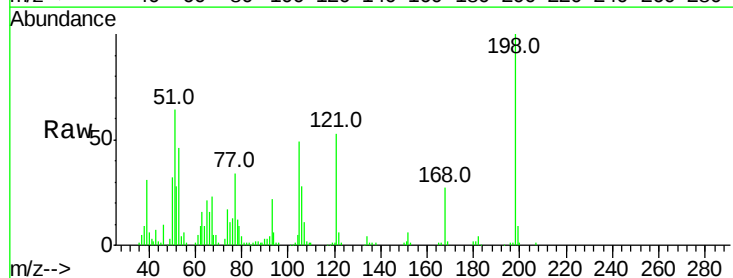
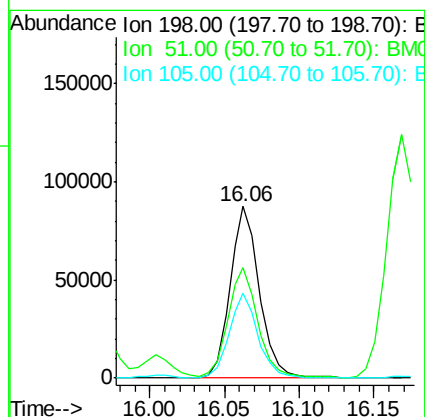
RT: 16.06 min Scan# 2172

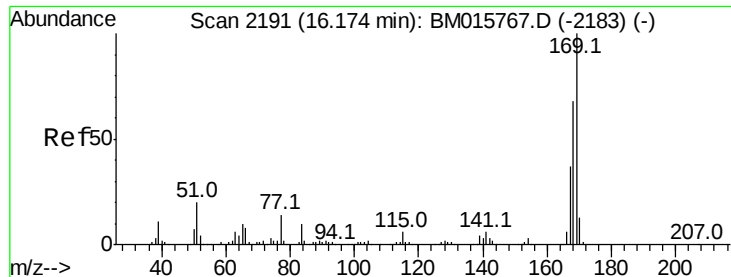
Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion:	198	Resp:	120234
Ion Ratio	Lower	Upper	
198	100		
51	64.1	28.8	68.8
105	49.1	30.5	70.5





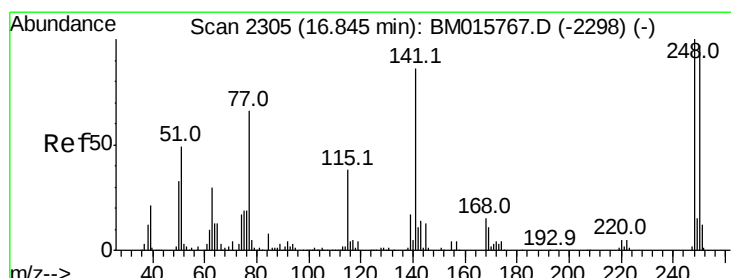
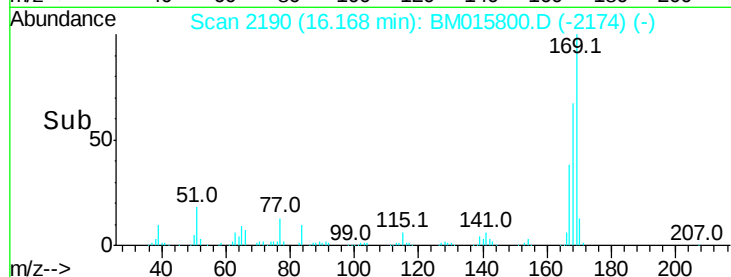
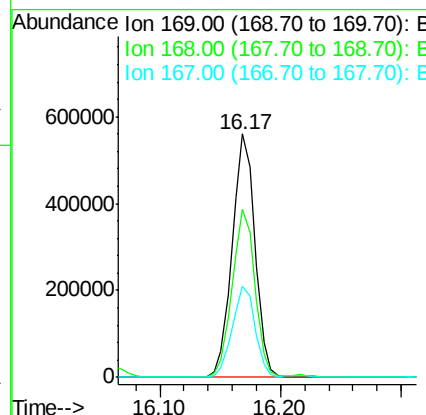
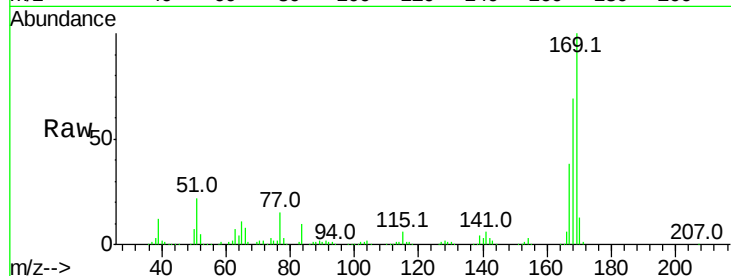
#65
 n-Nitrosodiphenylamine
 Concen: 42.553 ng
 RT: 16.17 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.0	53.9	80.9	
167	37.6	28.9	43.3	

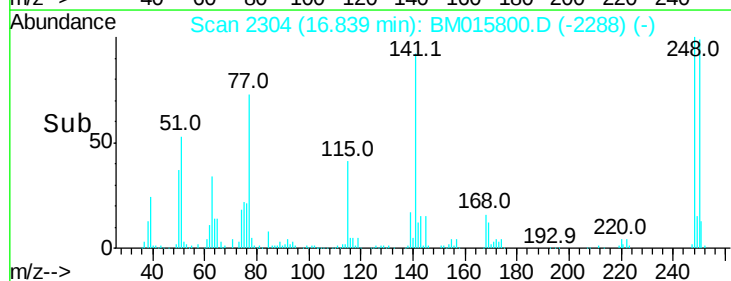
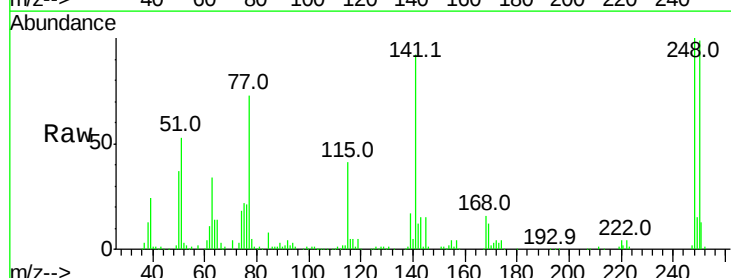
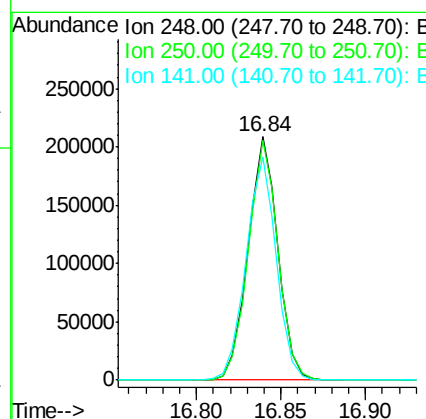
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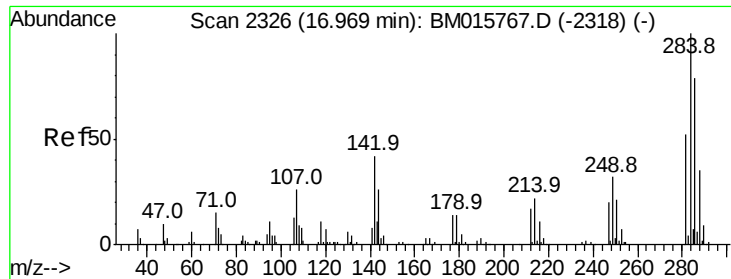
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#66
 4-Bromophenyl-phenylether
 Concen: 45.395 ng
 RT: 16.84 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.6	77.4	116.0	
141	91.7	45.2	67.8	





#67

Hexachlorobenzene

Concen: 43.691 ng

RT: 16.96 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

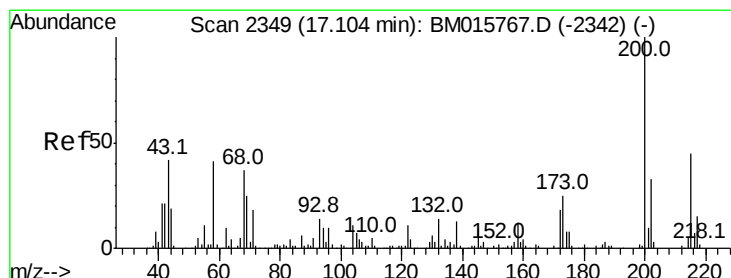
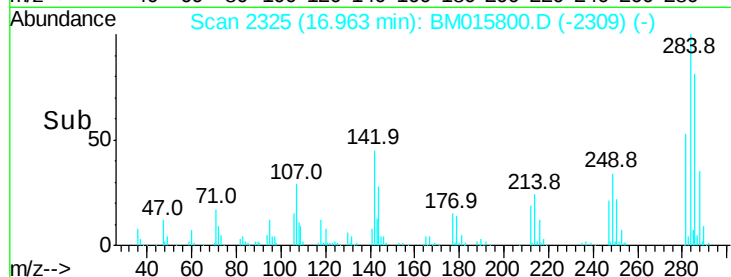
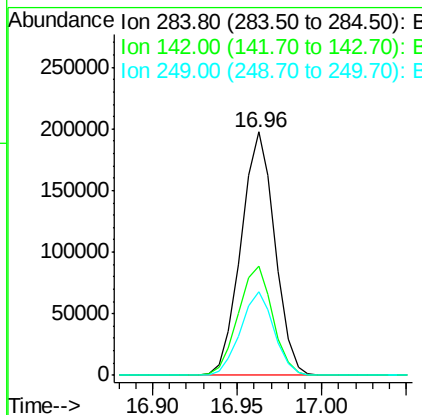
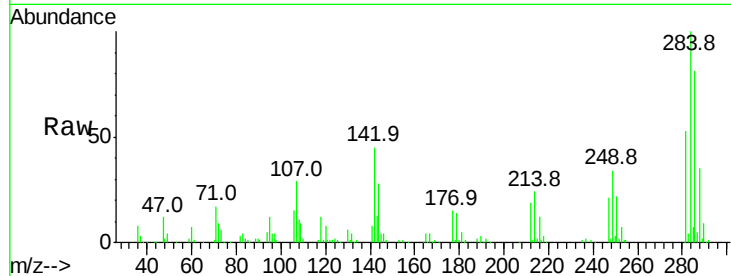
ClientSampled :

PB110837BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	275266		
142	45.1	20.4	30.6	#
249	34.4	23.8	35.6	

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#68

Atrazine

Concen: 44.118 ng

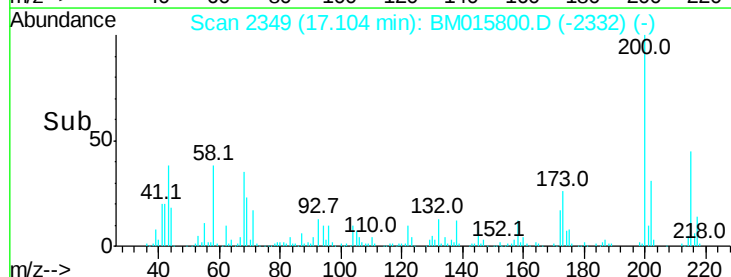
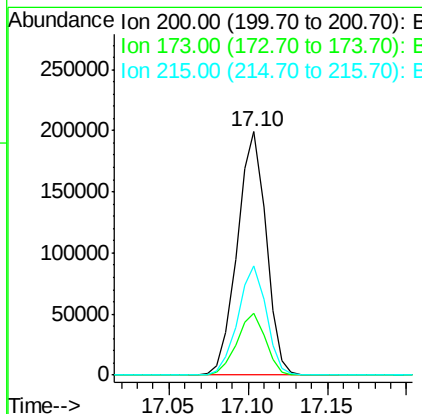
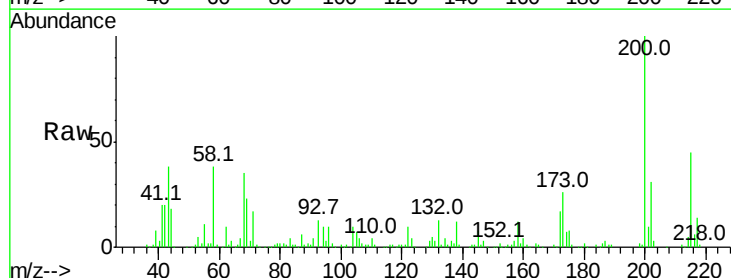
RT: 17.10 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	251092		
173	25.6	4.8	44.8	
215	44.9	26.9	66.9	





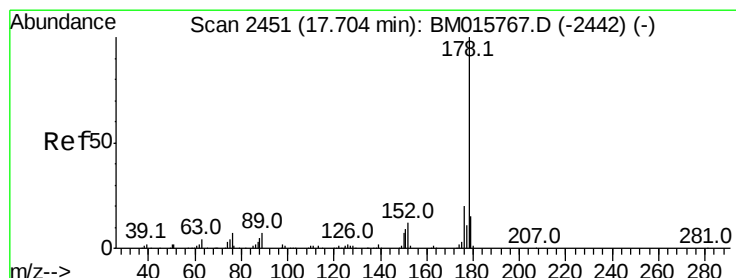
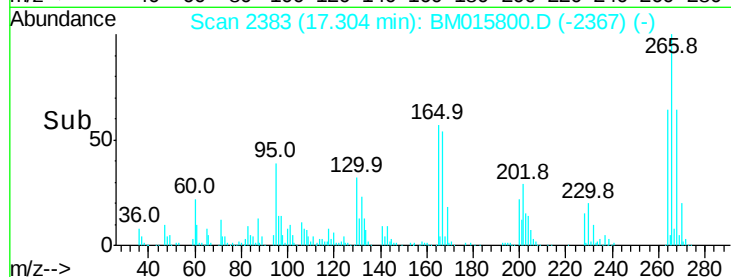
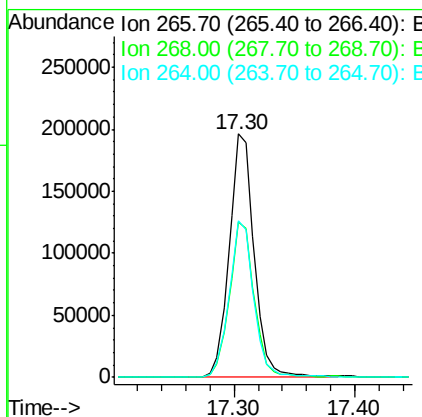
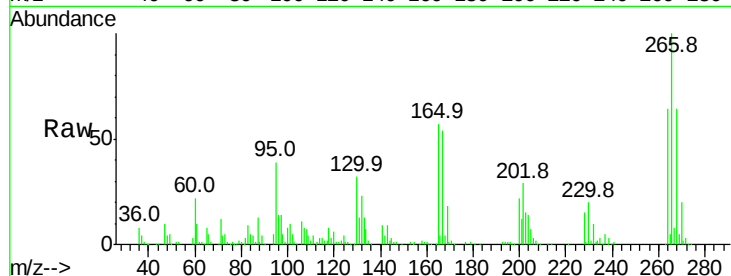
#69
 Pentachlorophenol
 Concen: 72.324 ng
 RT: 17.30 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	281955		
268	63.7	52.0	78.0	
264	64.4	49.0	73.4	

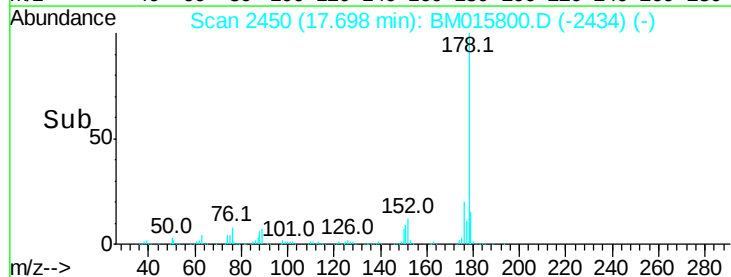
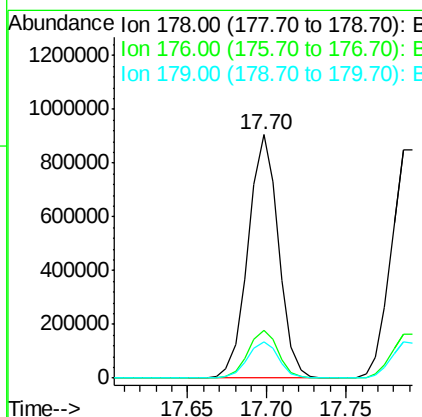
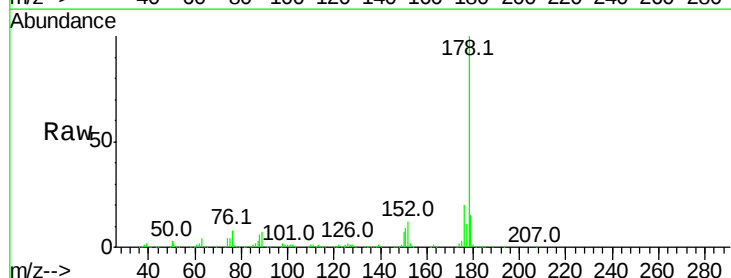
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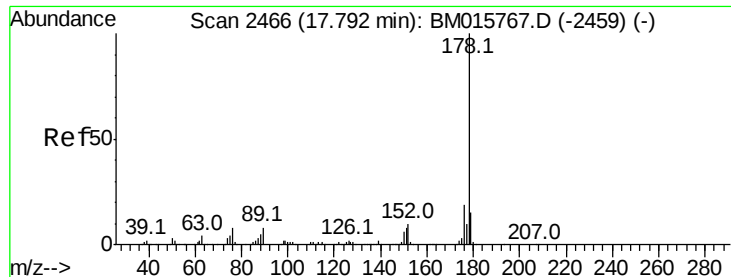
Sohil
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#70
 Phenanthrene
 Concen: 41.649 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1203215		
176	19.7	15.2	22.8	
179	14.9	12.1	18.1	





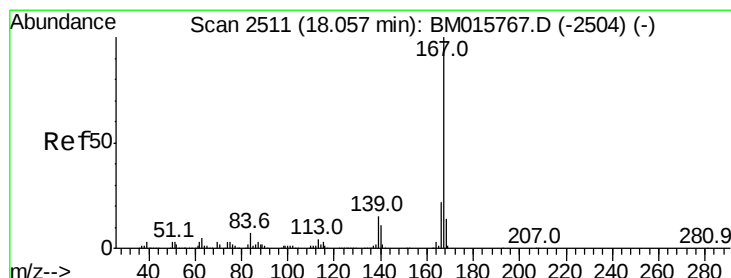
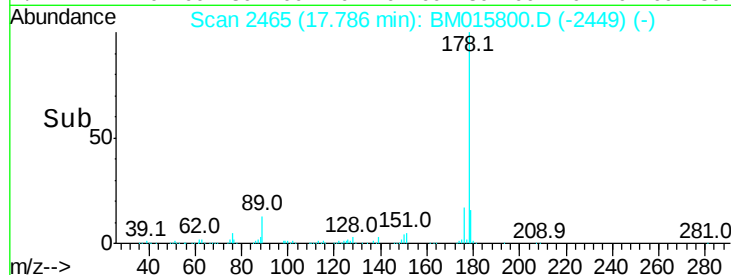
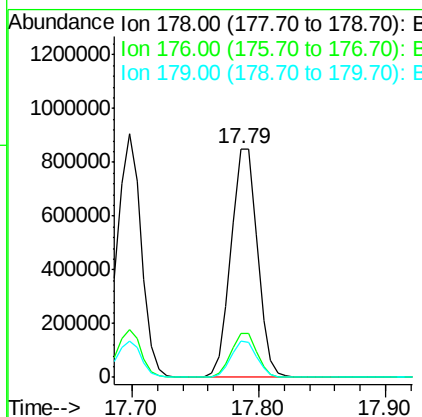
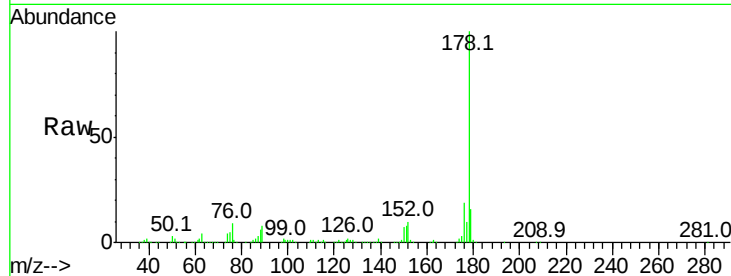
#71
 Anthracene
 Concen: 43.041 ng
 RT: 17.79 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	22.0
179	15.7	12.6	19.0

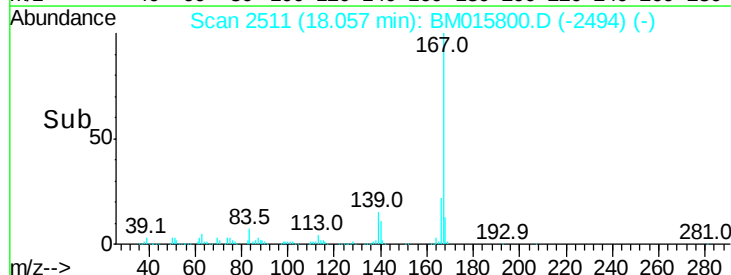
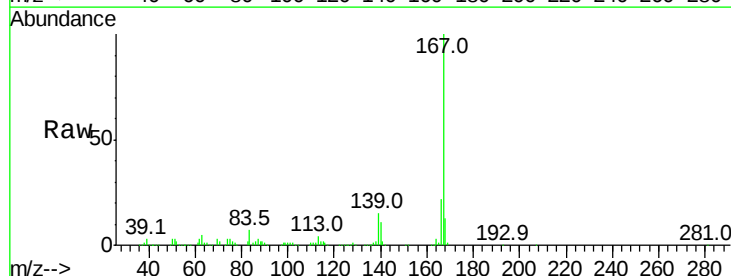
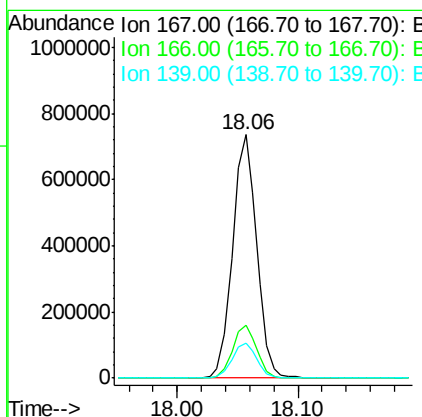
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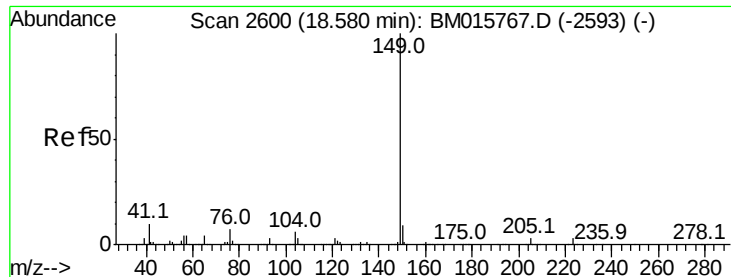
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#72
 Carbazole
 Concen: 38.787 ng
 RT: 18.06 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	14.6	10.8	16.2





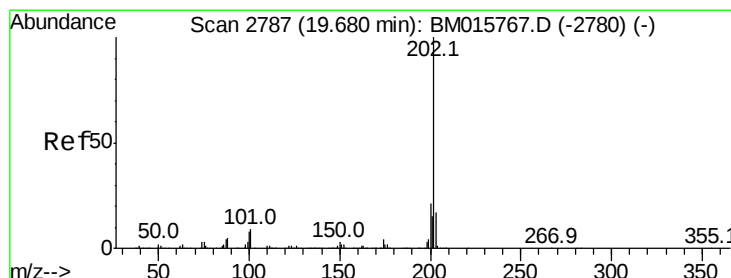
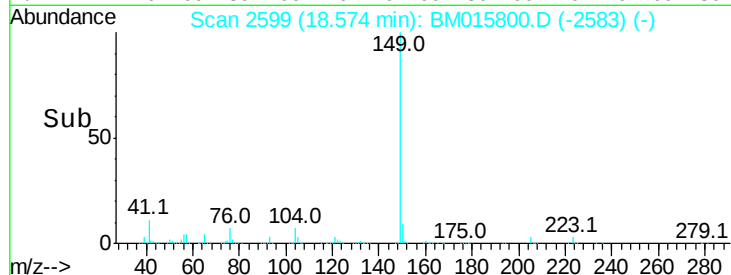
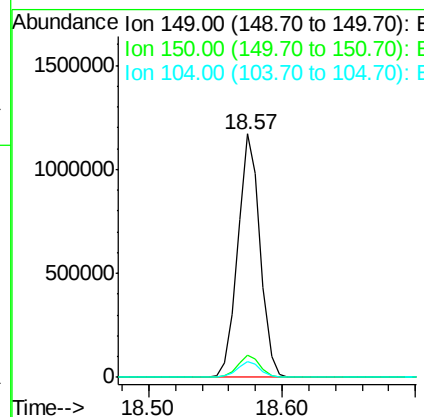
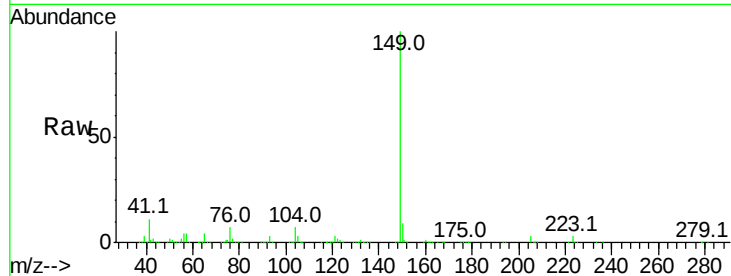
#73
Di-n-butylphthalate
Concen: 38.115 ng
RT: 18.57 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	6.7	3.7	5.5

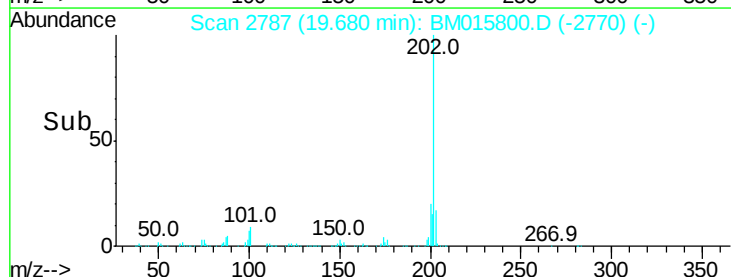
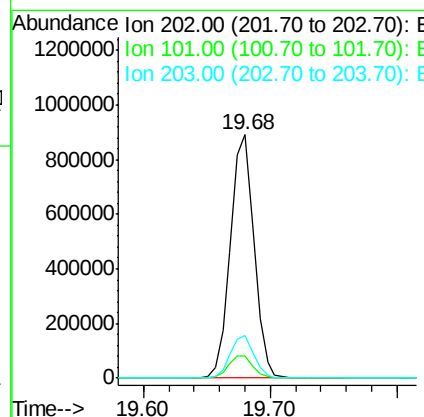
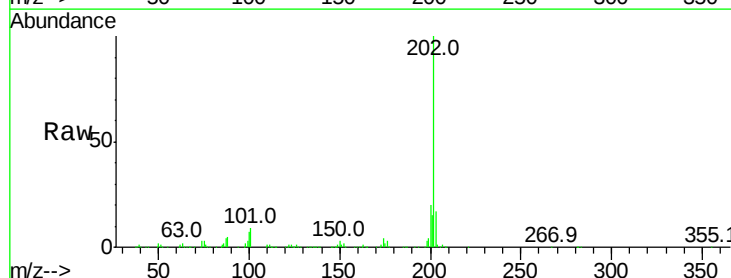
Manual Integrations
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#74
Fluoranthene
Concen: 34.531 ng
RT: 19.68 min Scan# 2787
Delta R.T. -0.00 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.7
203	17.3	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

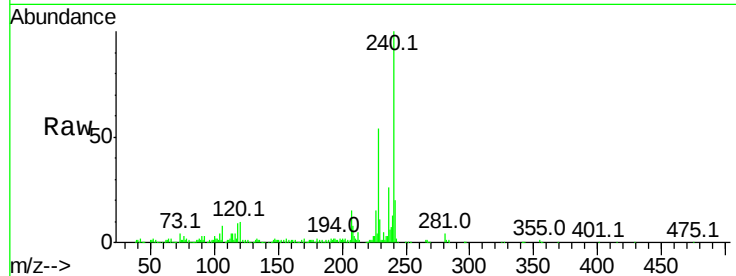
ClientSampleId :

PB110837BS

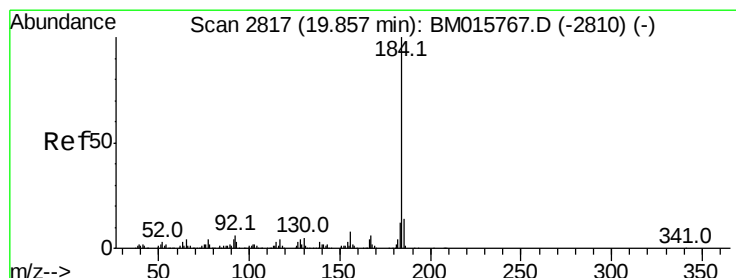
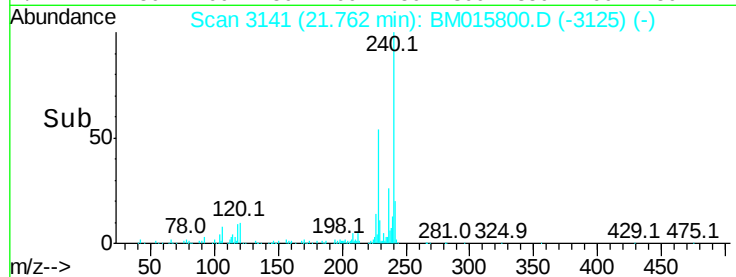
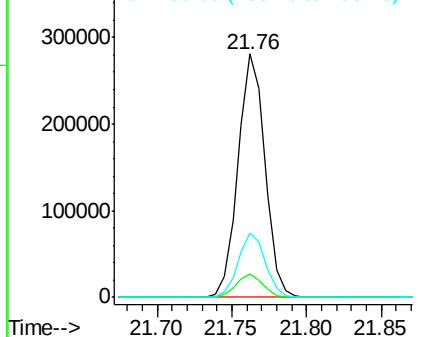
Tot Ion:	240	Resp:	352435
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.2	12.2
236	26.3	20.0	30.0

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



#76

Benzidine

Concen: 38.106 ng

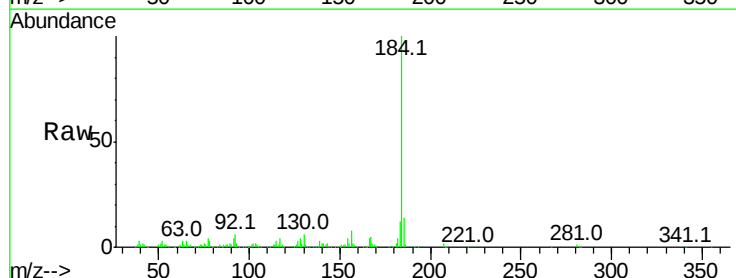
RT: 19.86 min Scan# 2817

Delta R.T. -0.00 min

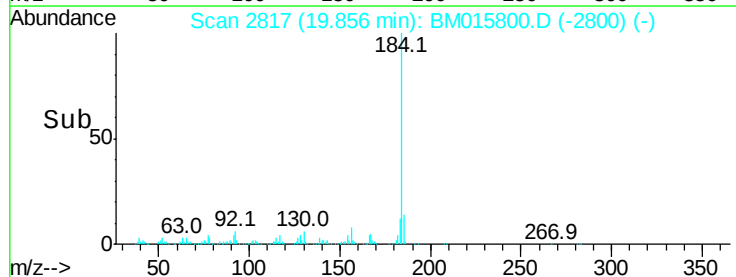
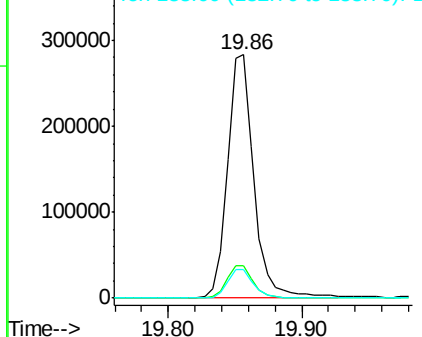
Lab File: BM015800.D

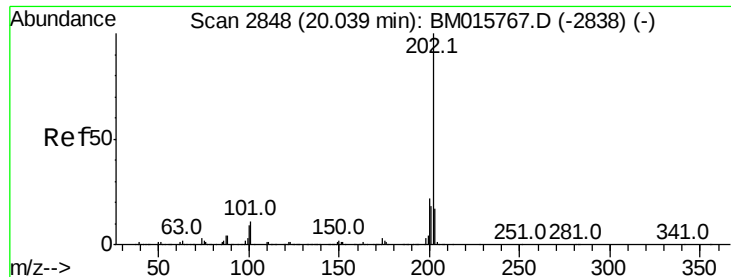
Acq: 06 Jul 2018 13:59

Tgt Ion:	184	Resp:	393478
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.3	16.9
183	11.5	8.9	13.3



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





#77

Pvrene

Concen: 51.352 ng

RT: 20.03 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

ClientSampleId :

PB110837BS

Tot Ion:202 Resp: 1127366

Ion Ratio Lower Upper

202 100

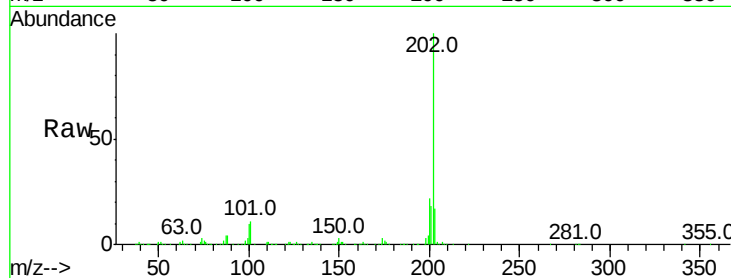
200 21.6 16.9 25.3

203 17.3 14.1 21.1

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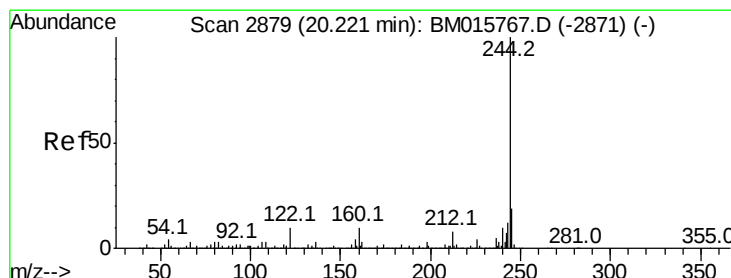
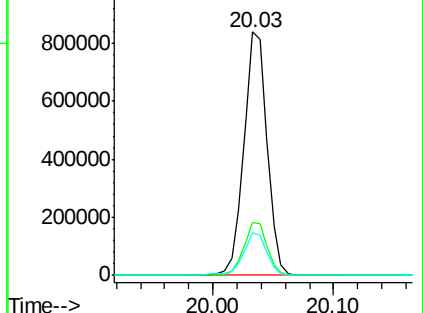
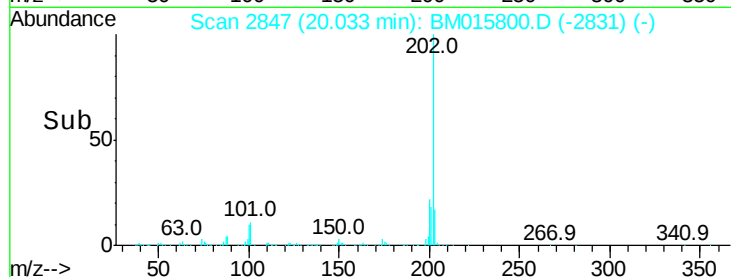
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 51.352 ng

RT: 20.22 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

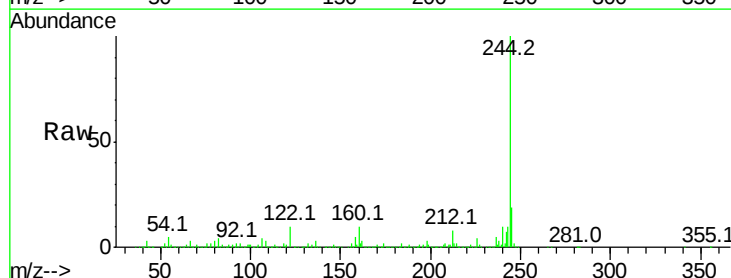
Tgt Ion:244 Resp: 2115658

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

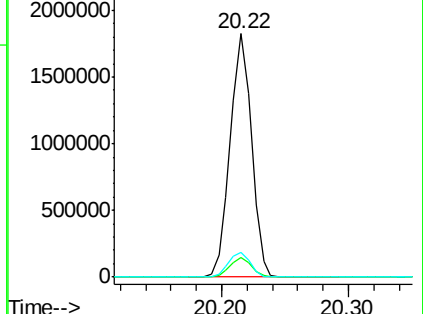
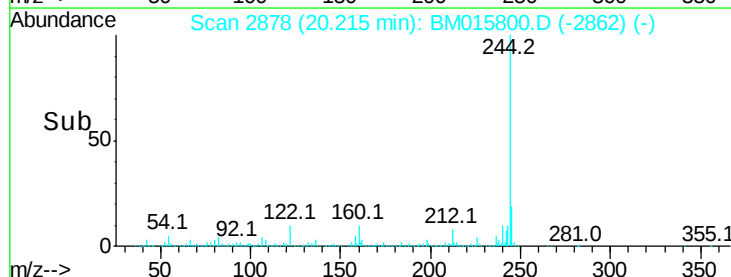
122 10.1 6.2 9.4#

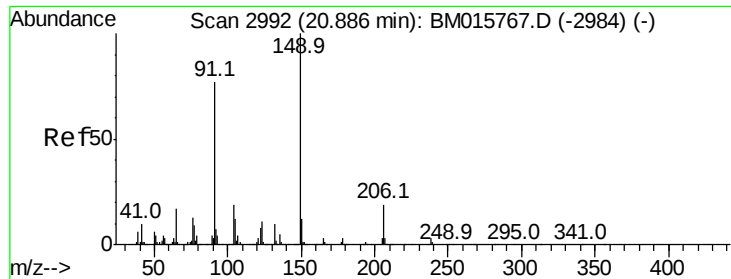


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





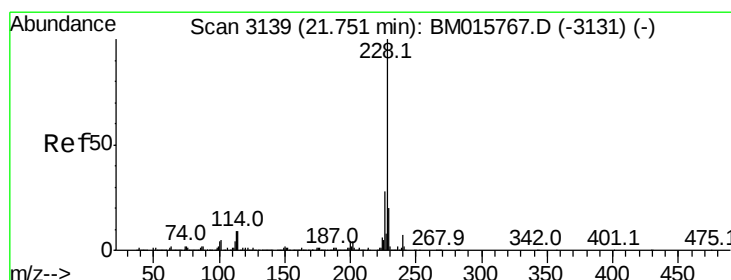
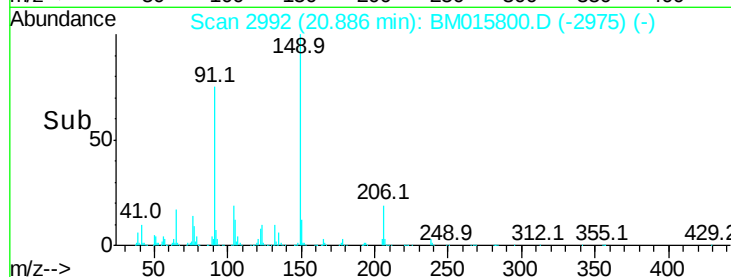
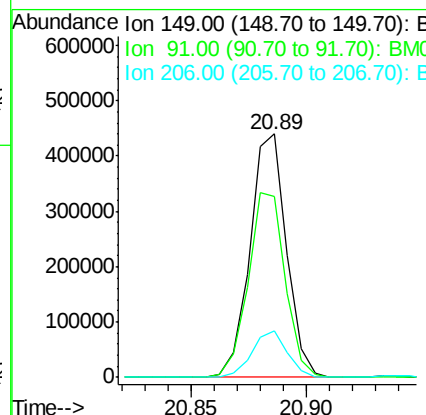
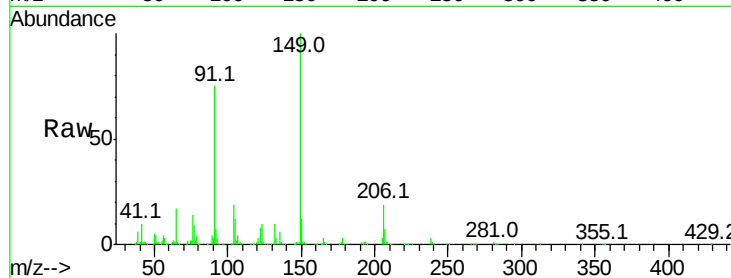
#79
Butylbenzylphthalate
Concen: 45.592 ng
RT: 20.89 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	74.5	50.1	75.1	
206	19.3	16.2	24.2	

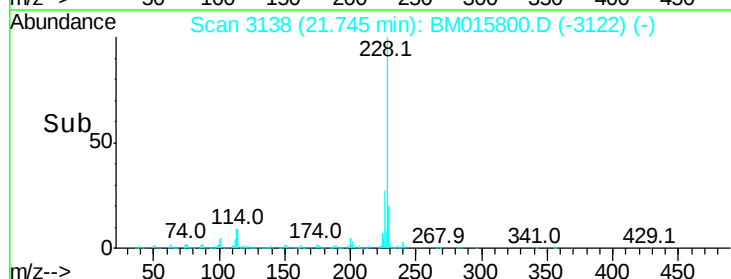
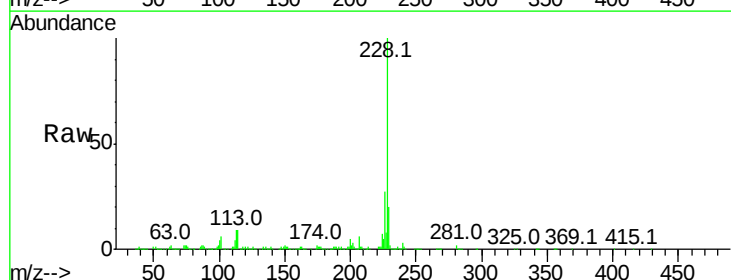
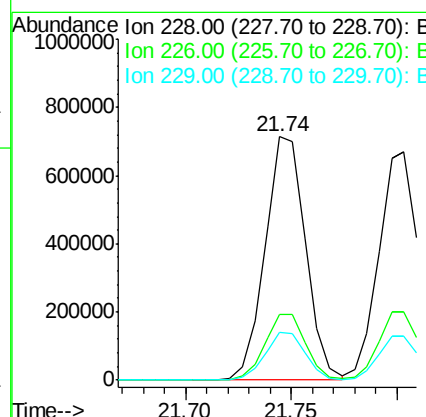
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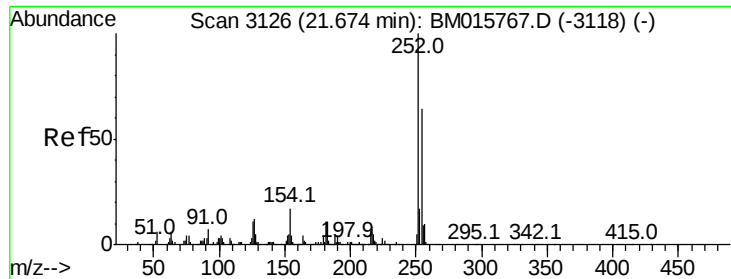
Sohil
7/6/2018 5:22:07 PM



#80
Benzo(a)anthracene
Concen: 42.629 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.2	21.7	32.5	
229	19.6	16.0	24.0	





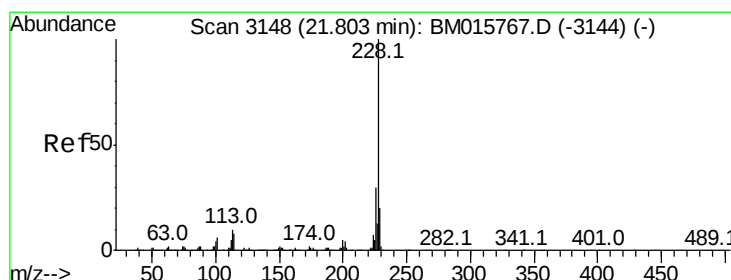
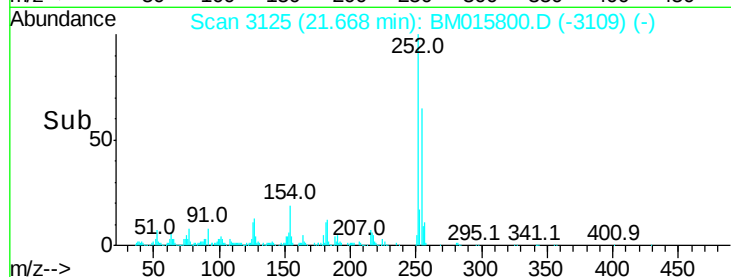
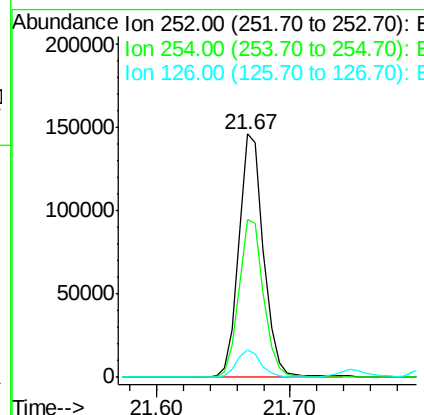
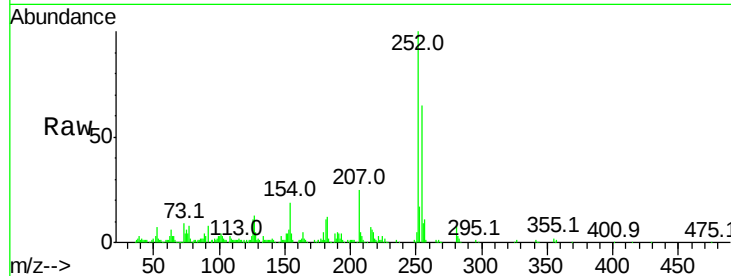
#81
 3,3'-Dichlorobenzidine
 Concen: 23.617 ng
 RT: 21.67 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Instrument :
 BNA_M
 ClientSampled :
 PB110837BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	11.4	9.8	14.8

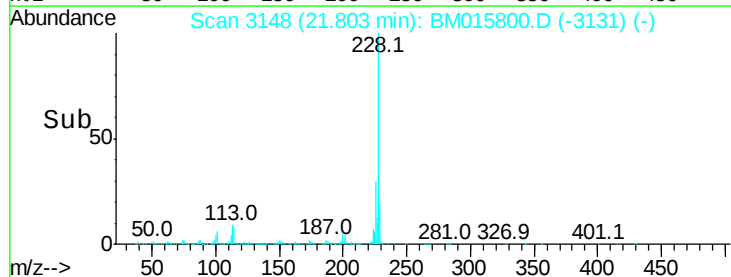
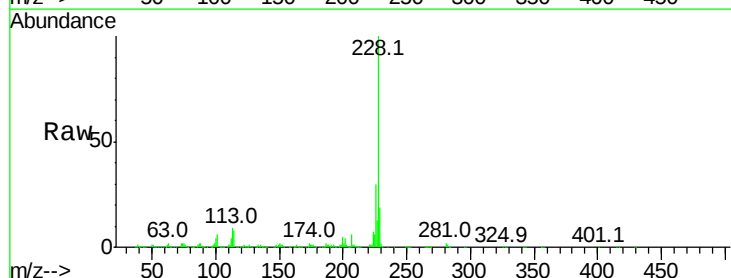
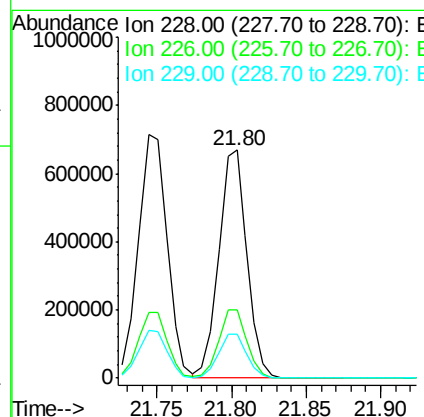
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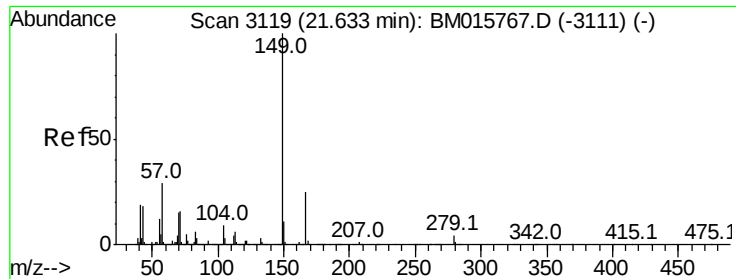
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#82
 Chrysene
 Concen: 42.343 ng
 RT: 21.80 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.3	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.201 ng

RT: 21.63 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

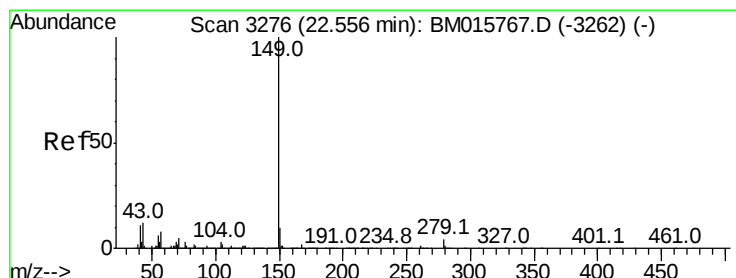
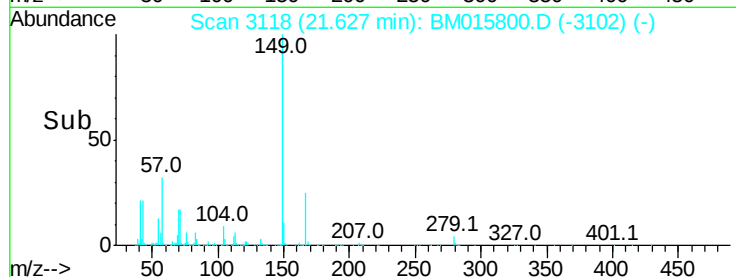
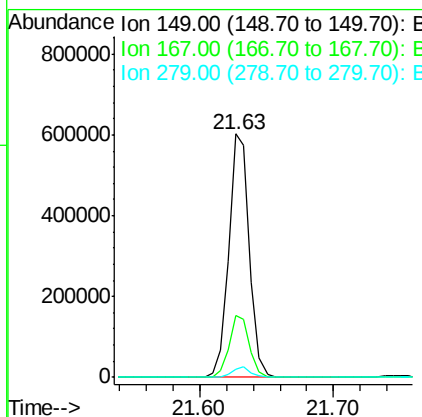
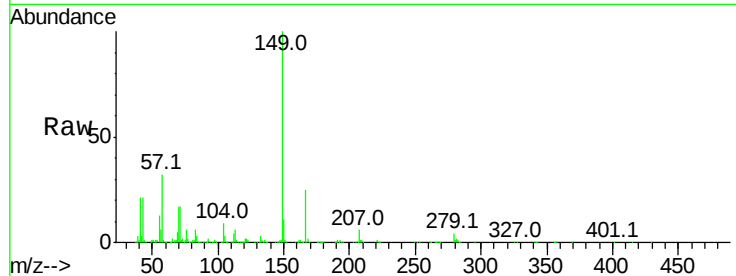
ClientSampleId :

PB110837BS

Tot Ion:	149	Resp:	646039
Ion Ratio	Lower	Upper	
149	100		
167	25.2	22.4	33.6
279	3.5	3.4	5.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 39.195 ng

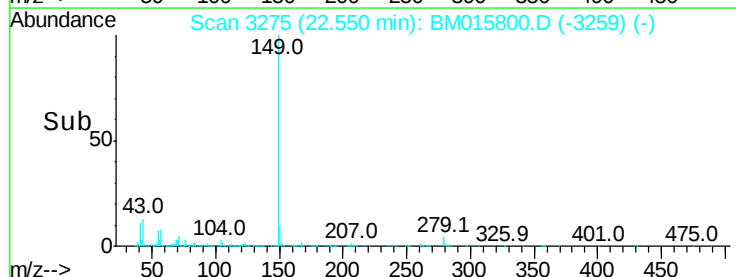
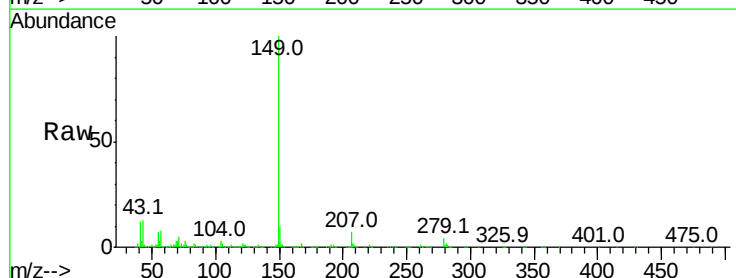
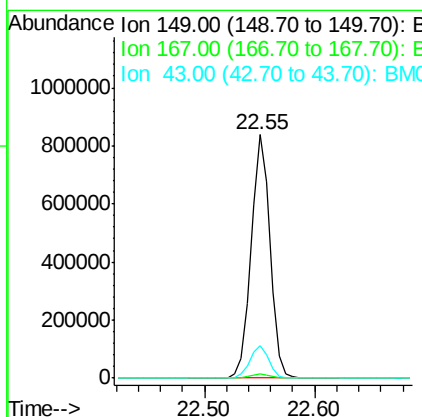
RT: 22.55 min Scan# 3275

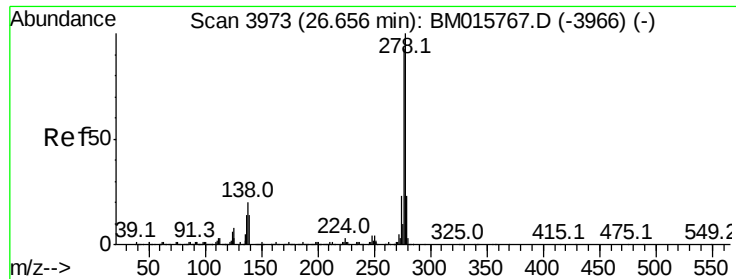
Delta R.T. -0.01 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion:	149	Resp:	1002111
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	13.2	7.3	10.9#





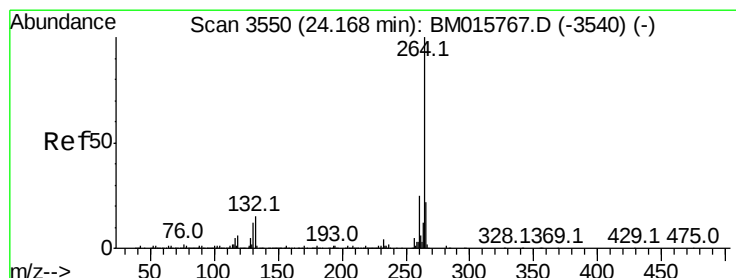
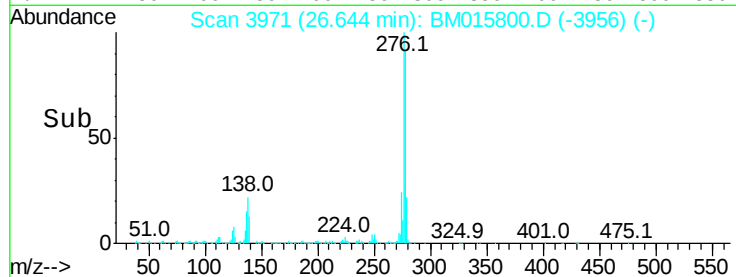
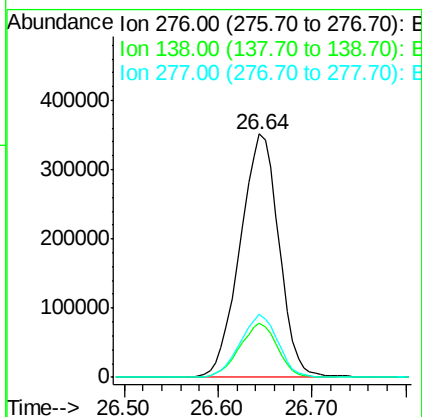
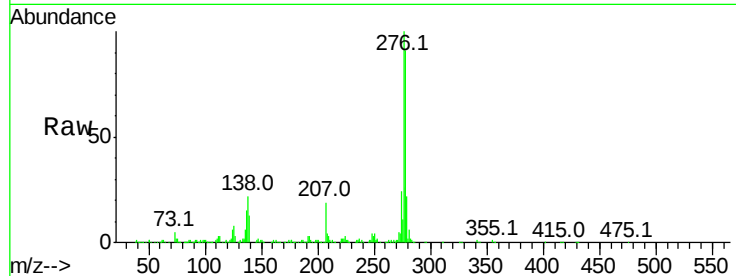
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.072 ng
RT: 26.64 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	12.0	18.0#
277	25.2	20.0	30.0

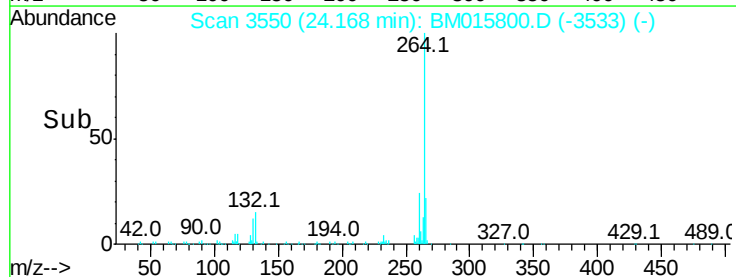
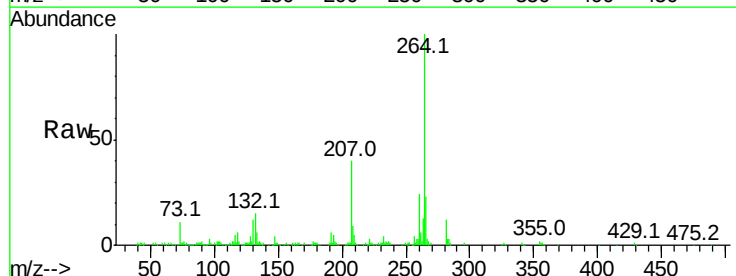
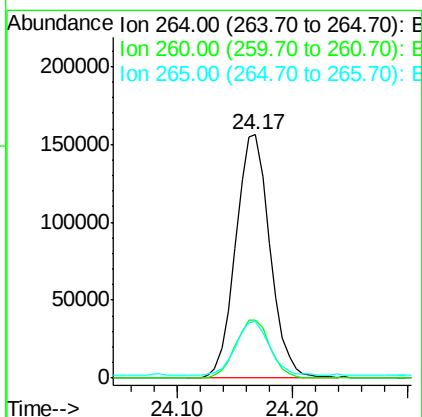
Manual Integrations
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.17 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	23.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 39.177 ng

RT: 23.44 min Scan# 3426

Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Instrument :

BNA_M

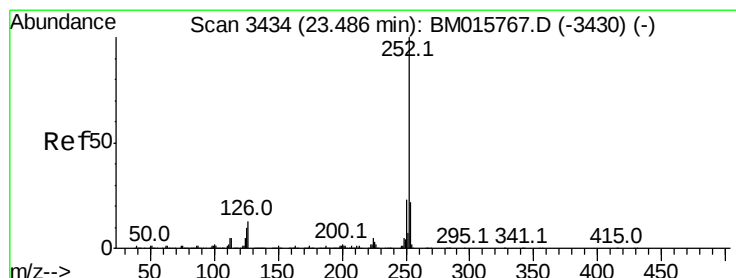
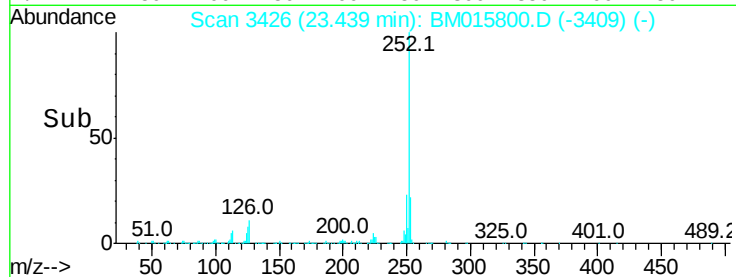
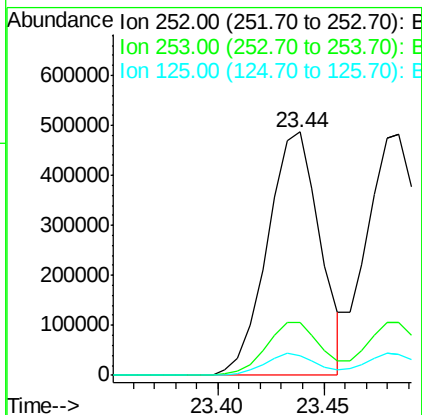
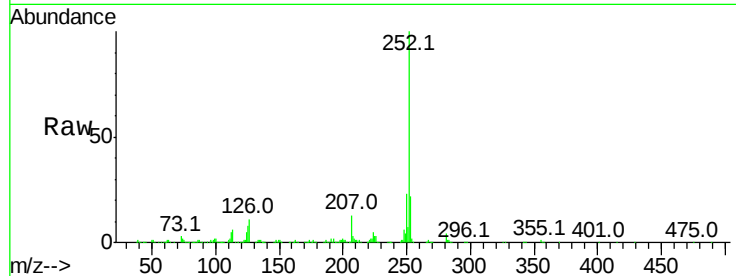
ClientSampleId :

PB110837BS

Tot Ion:	252	Resp:	843718
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	8.2	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 40.415 ng

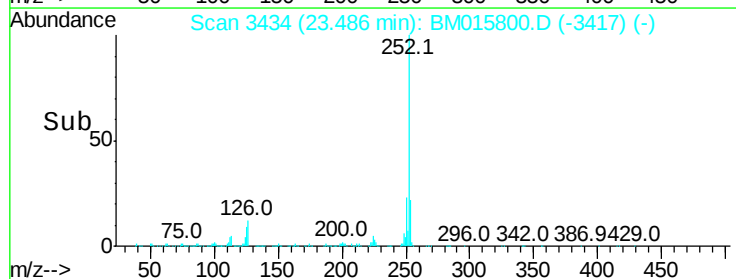
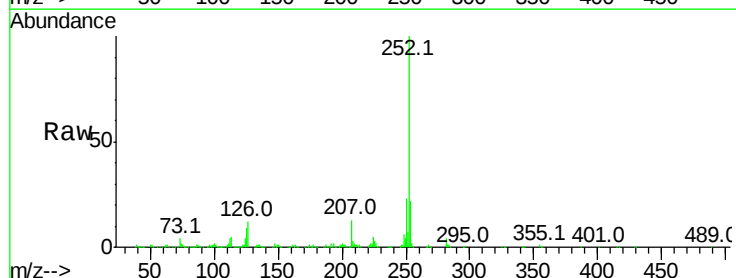
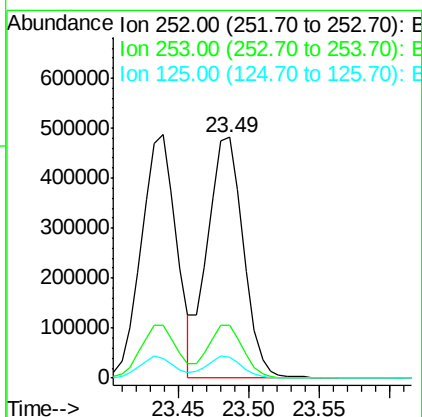
RT: 23.49 min Scan# 3434

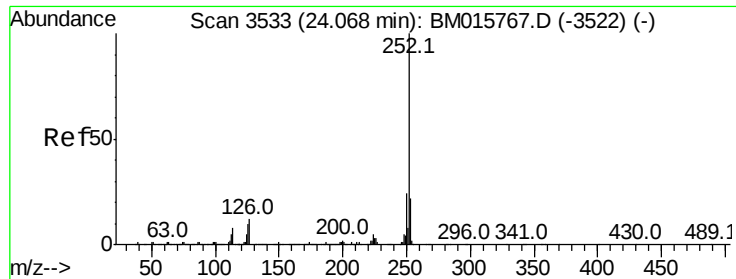
Delta R.T. -0.00 min

Lab File: BM015800.D

Acq: 06 Jul 2018 13:59

Tgt Ion:	252	Resp:	845511
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	8.7	8.1	12.1





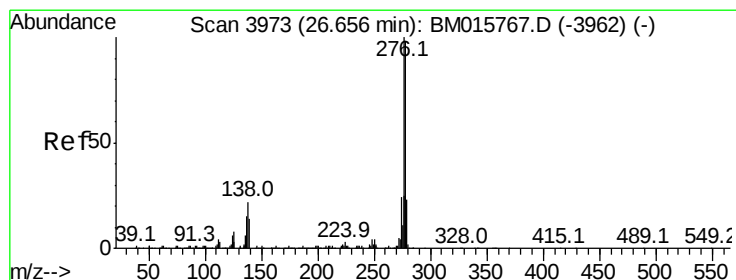
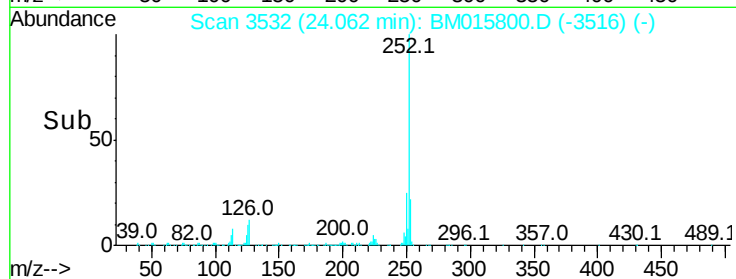
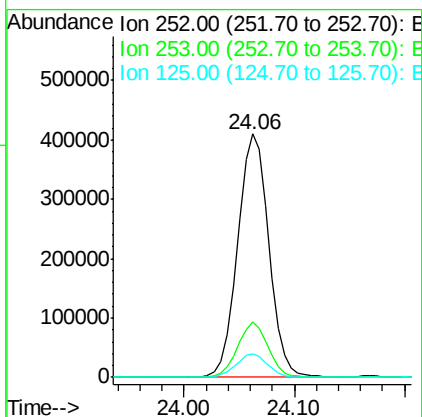
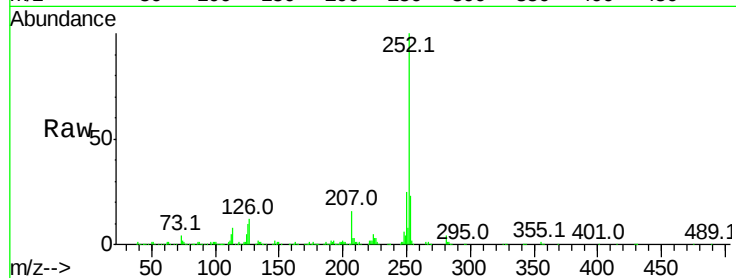
#89
Benzo(a)pyrene
Concen: 42.806 ng
RT: 24.06 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Instrument :
BNA_M
ClientSampleId :
PB110837BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	9.7	7.4	11.2

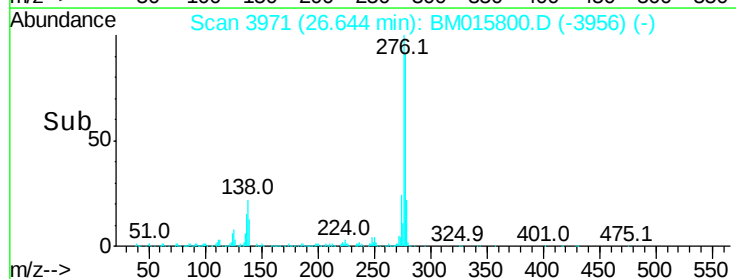
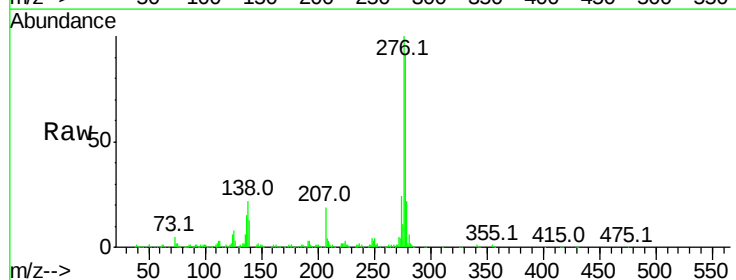
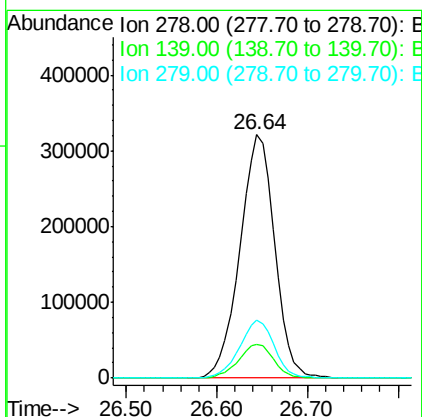
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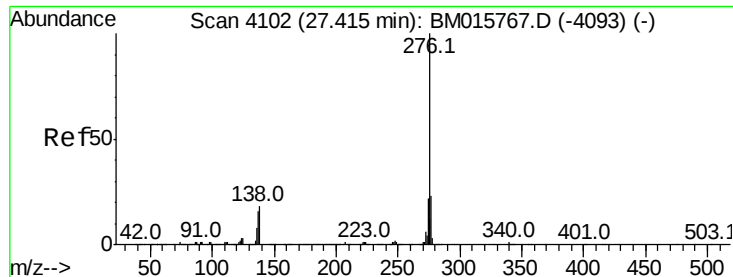
Sohil
7/6/2018 5:22:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.323 ng
RT: 26.64 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM015800.D
Acq: 06 Jul 2018 13:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	13.4	20.0
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 53.845 ng
 RT: 27.41 min Scan# 4101
 Delta R.T. -0.01 min
 Lab File: BM015800.D
 Acq: 06 Jul 2018 13:59

Instrument :
 BNA_M
 ClientSampleId :
 PB110837BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	18.6	19.0	28.6

Manual Integrations
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 7/6/2018 5:22:07 PM

