

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031163.D
 Acq On : 21 Nov 2017 21:43
 Operator : SJ/JU
 Sample : I6505-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LW-01MS

Manual Integrations
 APPROVED

Sohil
 11/22/2017 4:35:25 PM

Quant Time: Nov 22 15:37:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	58252	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	257765	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	170344	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	440209	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	493096	20.00	ng	-0.01
86) Perylene-d12	25.08	264	489300	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	237033	69.78	ng	-0.01
7) Phenol-d6	7.30	99	198172	43.30	ng	0.00
23) Nitrobenzene-d5	9.31	82	393280	90.41	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	313143	113.64	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1100979	92.87	ng	-0.02
78) Terphenyl-d14	20.09	244	1990318	89.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	23280	16.887	ng	# 81
3) Pyridine	3.95	79	49995	12.492	ng	92
4) n-Nitrosodimethylamine	3.86	42	29605	15.608	ng	# 87
6) Aniline	7.45	93	136288	22.628	ng	96
8) 2-Chlorophenol	7.70	128	148613	39.642	ng	91
9) Benzaldehyde	7.27	77	67741	21.152	ng	86
10) Phenol	7.33	94	73682	15.503	ng	91
11) bis(2-Chloroethyl)ether	7.55	93	164866	43.444	ng	89
12) 1,3-Dichlorobenzene	8.02	146	178382	40.556	ng	95
13) 1,4-Dichlorobenzene	8.17	146	182621	40.973	ng	91
14) 1,2-Dichlorobenzene	8.49	146	176517	41.261	ng	96
15) Benzyl Alcohol	8.37	79	94196	25.659	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.66	45	247892	59.139	ng	91
17) 2-Methylphenol	8.58	107	107252	32.405	ng	95
18) Hexachloroethane	9.22	117	62697	40.416	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	136711	39.287	ng	# 93
20) 3+4-Methylphenols	8.91	107	129860	27.593	ng	94
22) Acetophenone	8.96	105	271013	42.227	ng	# 92
24) Nitrobenzene	9.35	77	199330	44.859	ng	89
25) Isophorone	9.87	82	385661	45.459	ng	# 91
26) 2-Nitrophenol	10.06	139	103837	44.831	ng	# 86
27) 2,4-Dimethylphenol	10.12	122	156265	45.445	ng	90
28) bis(2-Chloroethoxy)methane	10.35	93	239303	44.787	ng	96
29) 2,4-Dichlorophenol	10.60	162	190052	46.028	ng	90
30) 1,2,4-Trichlorobenzene	10.82	180	216417	43.901	ng	98
31) Naphthalene	11.00	128	554296	43.743	ng	98
32) Benzoic acid	10.23	122	15061	10.300	ng	90
33) 4-Chloroaniline	11.11	127	175809	31.694	ng	95
34) Hexachlorobutadiene	11.28	225	136923	40.049	ng	98
35) Caprolactam	11.88	113	10626m	6.300	ng	
36) 4-Chloro-3-methylphenol	12.23	107	180936	40.262	ng	# 88
37) 2-Methylnaphthalene	12.60	142	450400	46.044	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	279823	41.389	ng	97
40) Hexachlorocyclopentadiene	12.94	237	186795	75.409	ng	91

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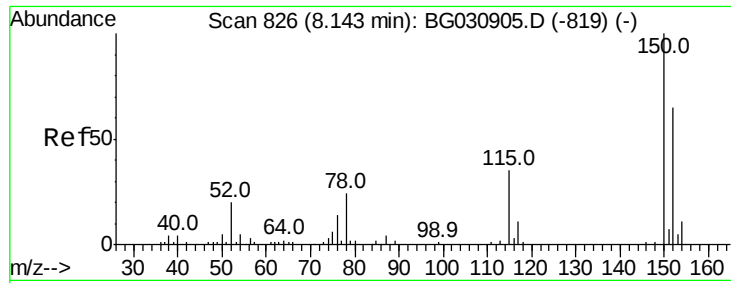
Manual Integrations
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 11/22/2017 4:35:25 PM

Quant Time: Nov 22 15:37:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	176391	45.638	nq	99
43) 2,4,5-Trichlorophenol	13.28	196	187198	44.268	nq	# 94
45) 1,1'-Biphenyl	13.59	154	603262	42.707	nq	97
46) 2-Chloronaphthalene	13.64	162	483174	47.409	nq	97
47) 2-Nitroaniline	13.84	65	134454	44.510	nq	# 78
48) Acenaphthylene	14.48	152	741869	44.475	nq	98
49) Dimethylphthalate	14.21	163	656798	44.593	nq	99
50) 2,6-Dinitrotoluene	14.33	165	149246	49.162	nq	# 77
51) Acenaphthene	14.82	154	463396	44.481	nq	100
52) 3-Nitroaniline	14.66	138	114586	35.548	nq	# 79
53) 2,4-Dinitrophenol	14.88	184	160151	94.726	nq	# 49
54) Dibenzofuran	15.15	168	768811	46.332	nq	100
55) 4-Nitrophenol	14.99	139	72313	31.493	nq	# 75
56) 2,4-Dinitrotoluene	15.12	165	216637	49.362	nq	# 74
57) Fluorene	15.80	166	605567	44.951	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	187027	46.405	nq	# 89
59) Diethylphthalate	15.56	149	654960	43.778	nq	97
60) 4-Chlorophenyl-phenylether	15.79	204	364452	44.794	nq	92
61) 4-Nitroaniline	15.83	138	149843	43.900	nq	86
62) Azobenzene	16.08	77	530370	46.483	nq	92
64) 4,6-Dinitro-2-methylphenol	15.89	198	120933	41.330	nq	# 75
65) n-Nitrosodiphenylamine	16.00	169	571263	42.825	nq	99
66) 4-Bromophenyl-phenylether	16.68	248	241403	43.298	nq	99
67) Hexachlorobenzene	16.81	284	246666	41.637	nq	96
68) Atrazine	16.94	200	235337	42.759	nq	96
69) Pentachlorophenol	17.15	266	243480	74.351	nq	100
70) Phenanthrene	17.54	178	1050090	45.815	nq	97
71) Anthracene	17.63	178	1091337	47.519	nq	98
72) Carbazole	17.90	167	995823	46.276	nq	99
73) Di-n-butylphthalate	18.44	149	1162533	43.999	nq	99
74) Fluoranthene	19.55	202	1384601	47.711	nq	97
76) Benzidine	19.72	184	518449	32.732	nq	98
77) Pyrene	19.90	202	1405781	48.044	nq	97
79) Butylbenzylphthalate	20.77	149	560006	48.001	nq	# 83
80) Benzo(a)anthracene	21.76	228	1413400	46.146	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	413106	33.412	nq	98
82) Chrysene	21.83	228	1329510	46.924	nq	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	779352	46.278	nq	98
84) Di-n-octyl phthalate	22.86	149	1325168	48.346	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1500442	43.561	nq	# 88
87) Benzo(b)fluoranthene	24.03	252	1412165	47.712	nq	98
88) Benzo(k)fluoranthene	24.09	252	1335354	45.517	nq	98
89) Benzo(a)pyrene	24.93	252	1331695	47.362	nq	99
90) Dibenzo(a,h)anthracene	28.93	278	1265097	44.020	nq	98
91) Benzo(g,h,i)perylene	30.07	276	1244623	44.621	nq	96

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



#1

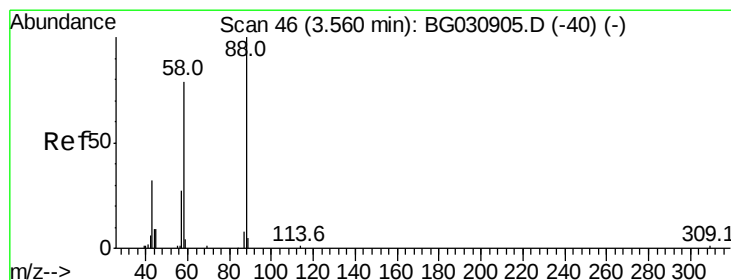
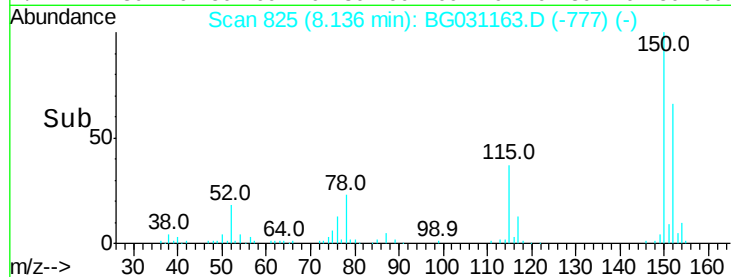
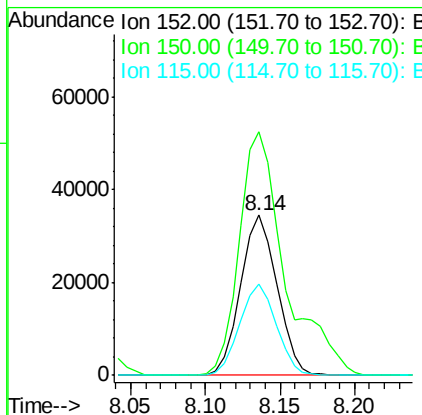
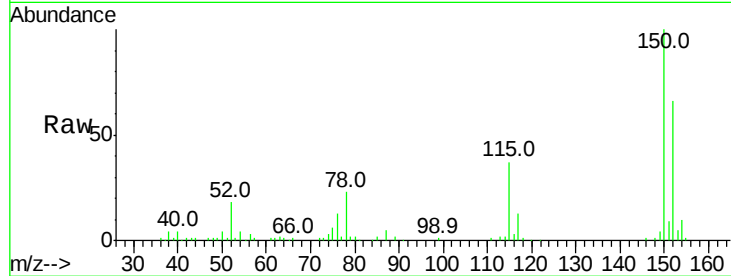
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.6	189.8
115	56.8	53.0	79.4

Manual Integrations
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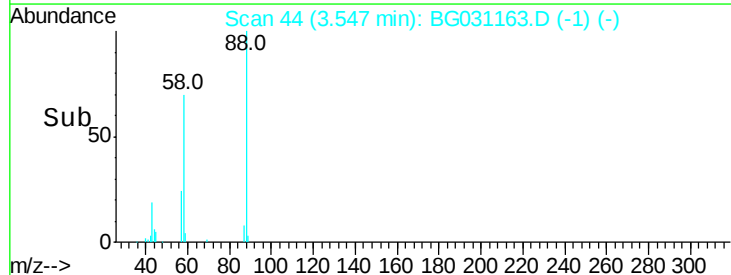
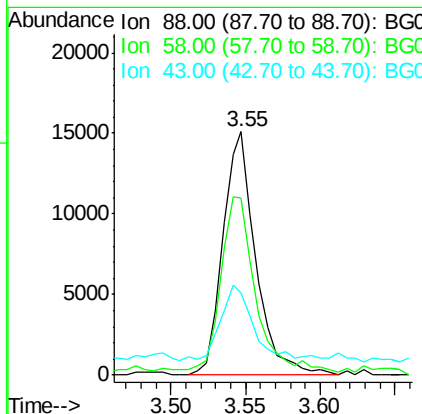
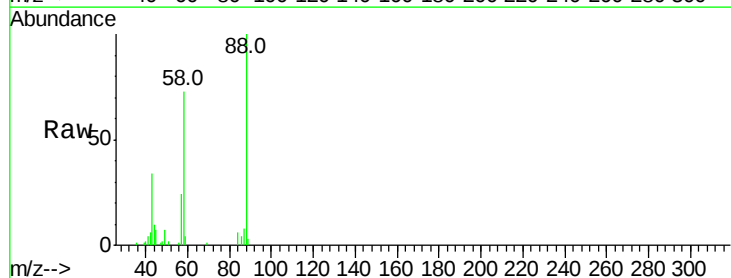
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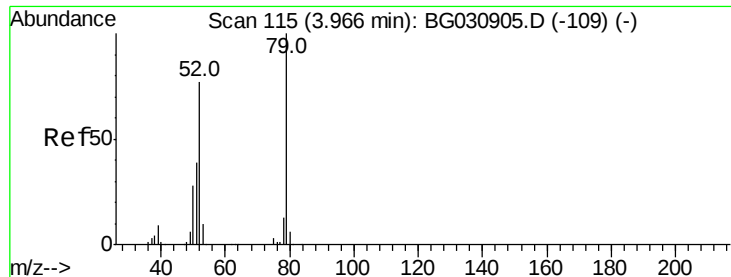


#2

1,4-Dioxane
Concen: 16.887 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.0	79.6	119.4#
43	31.6	27.4	41.0





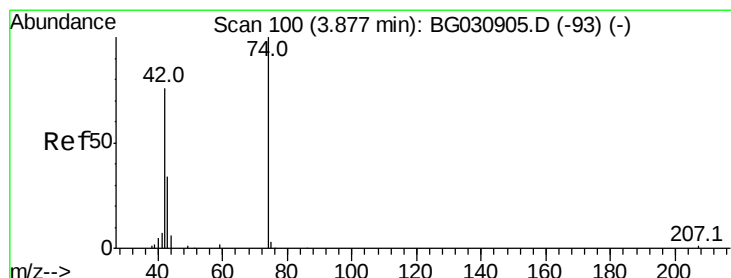
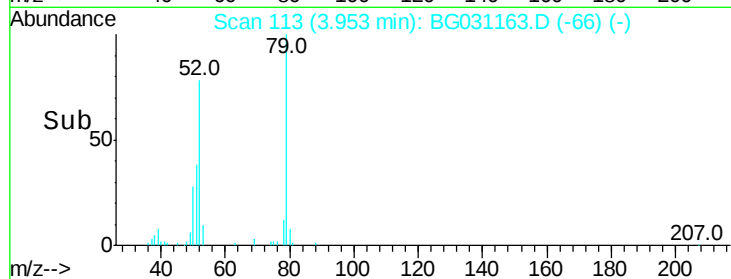
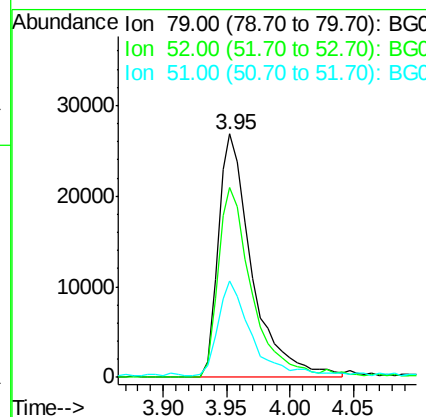
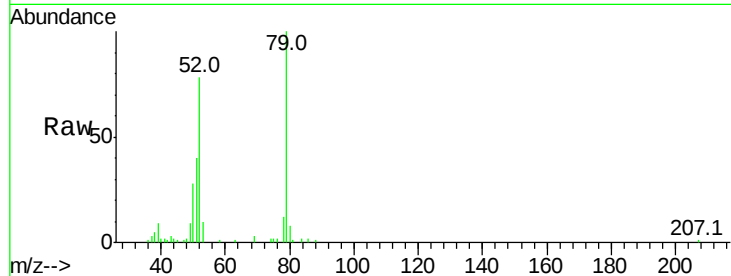
#3
 Pvridine
 Concen: 12.492 ng
 RT: 3.95 min Scan# 113
 Delta R.T. -0.02 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 LW-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		49995		
52	77.8	69.9	104.9		
51	39.7	34.0	51.0		

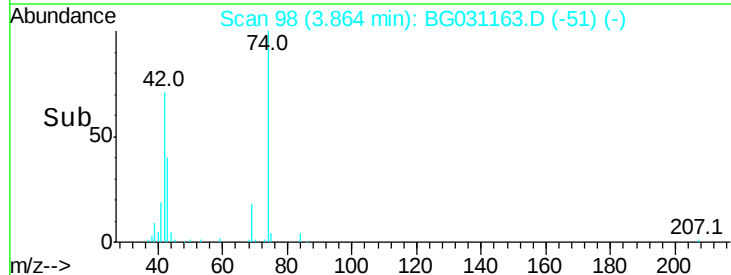
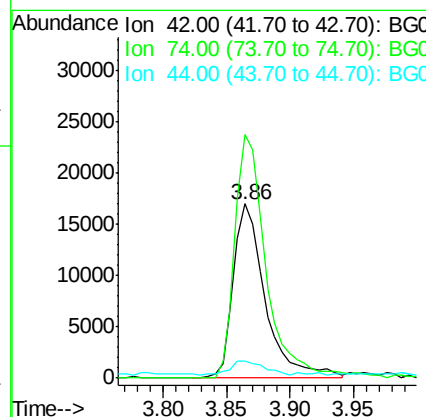
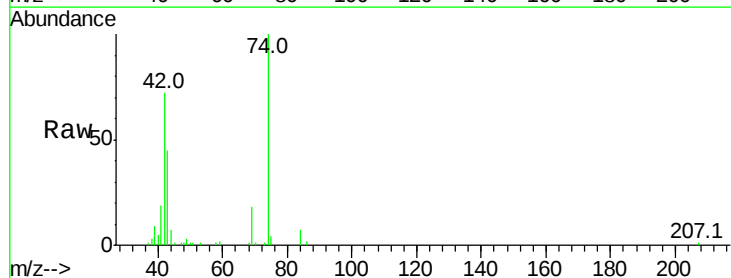
Manual Integrations
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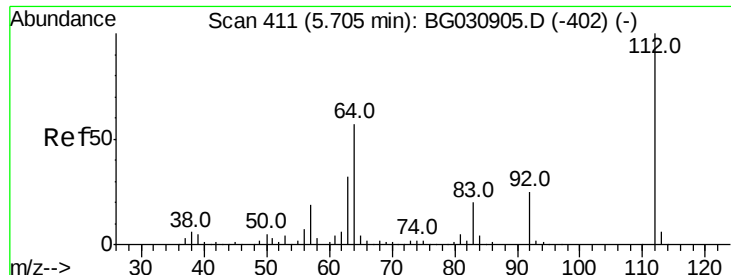
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#4
 n-Nitrosodimethylamine
 Concen: 15.608 ng
 RT: 3.86 min Scan# 98
 Delta R.T. -0.02 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		29605		
74	139.6	102.5	153.7		
44	9.8	18.9	28.3#		





#5

2-Fluorophenol

Concen: 69.775 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Instrument :

BNA_G

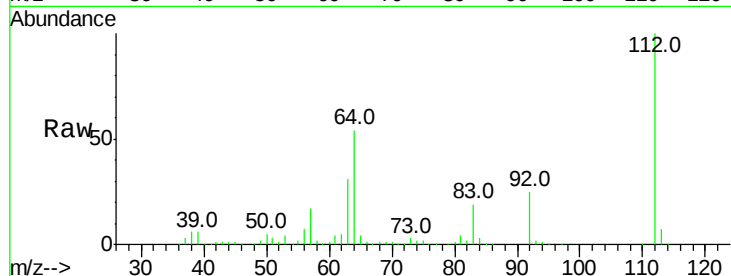
ClientSampled :

LW-01MS

Tot Ion:	112	Resp:	237033
Ion Ratio	Lower	Upper	
112	100		
64	54.2	56.3	84.5#
63	30.6	30.1	45.1

Manual Integrations
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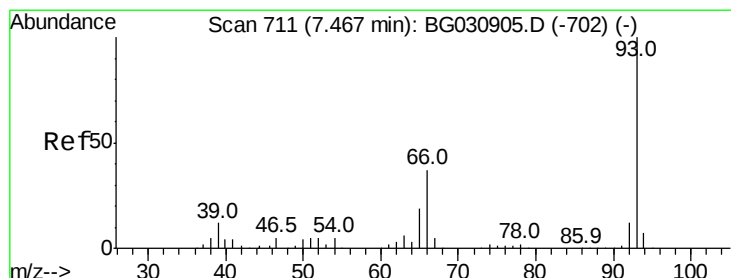
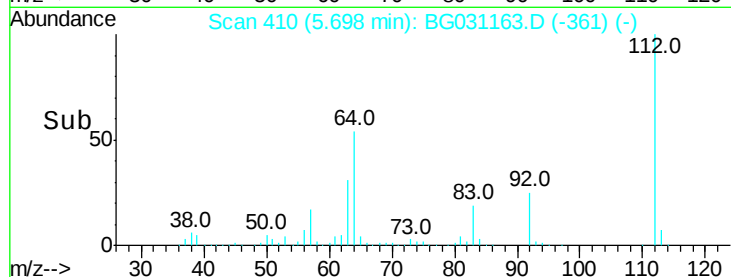
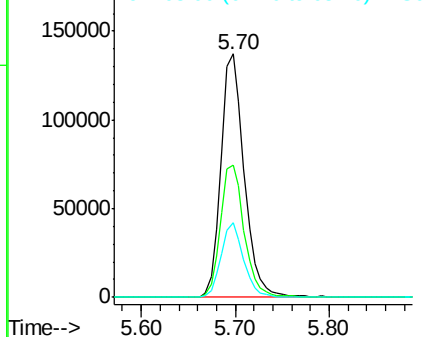
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.628 ng

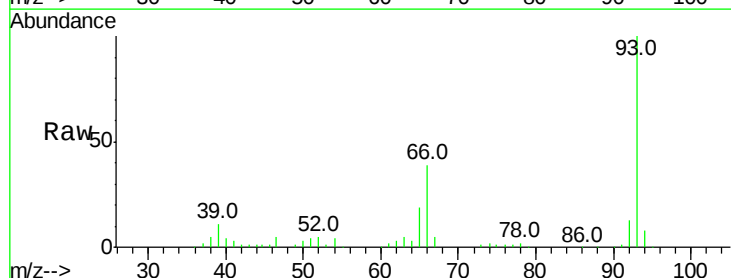
RT: 7.45 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

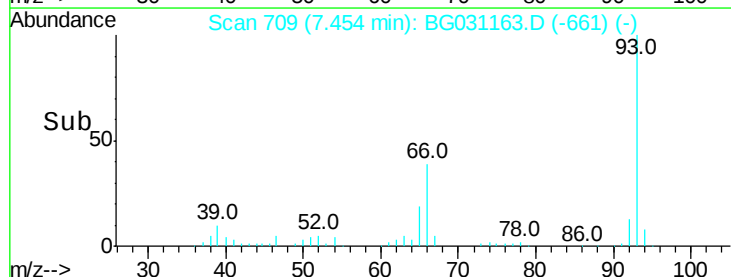
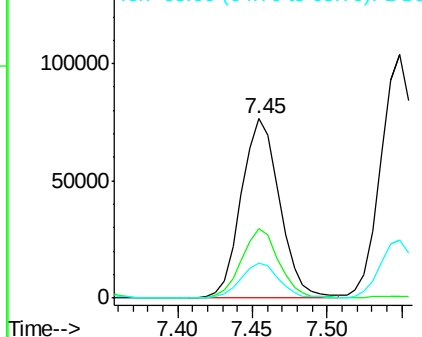
Tgt Ion:	93	Resp:	136288
Ion Ratio	Lower	Upper	
93	100		
66	38.5	33.7	50.5
65	19.5	16.1	24.1

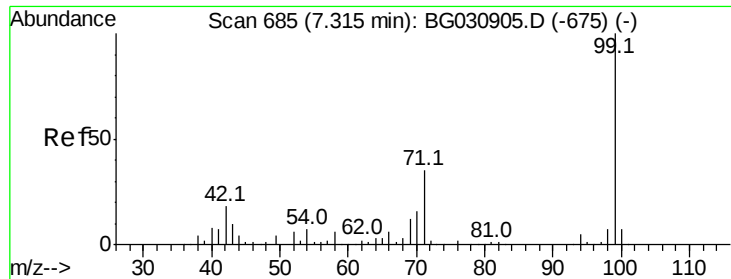


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 43.301 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Instrument :

BNA_G

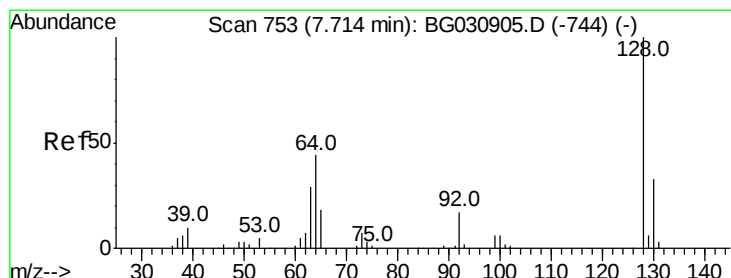
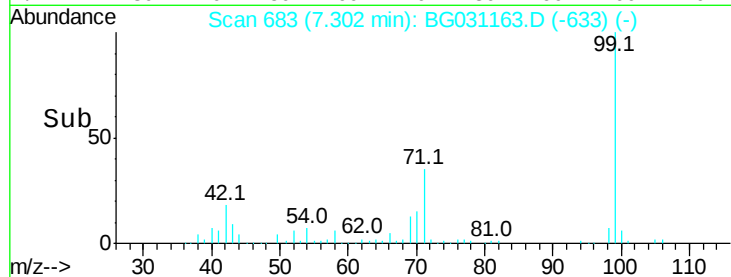
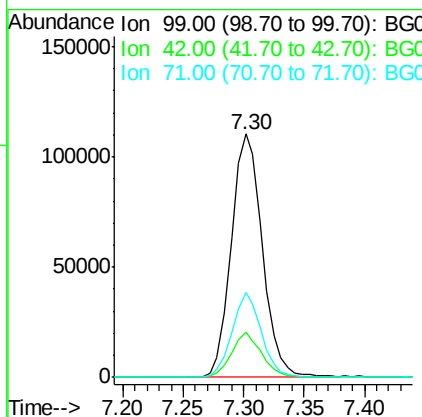
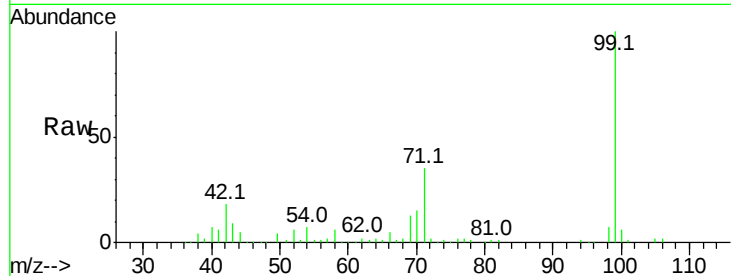
ClientSampled :

LW-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		198172		
42	18.4	14.1	21.1		
71	34.8	26.1	39.1		

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.642 ng

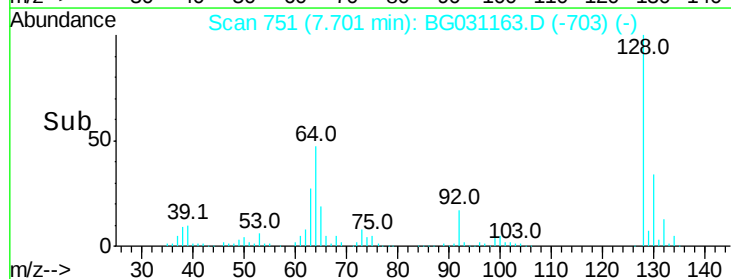
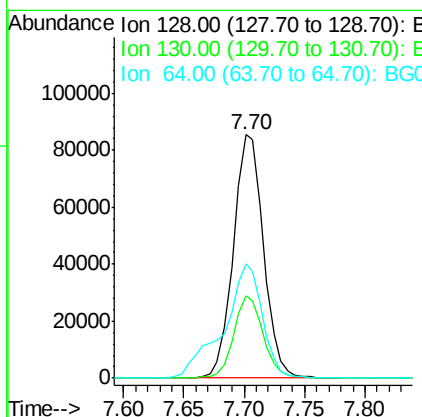
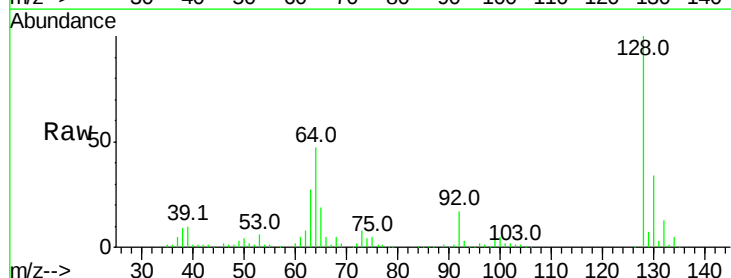
RT: 7.70 min Scan# 751

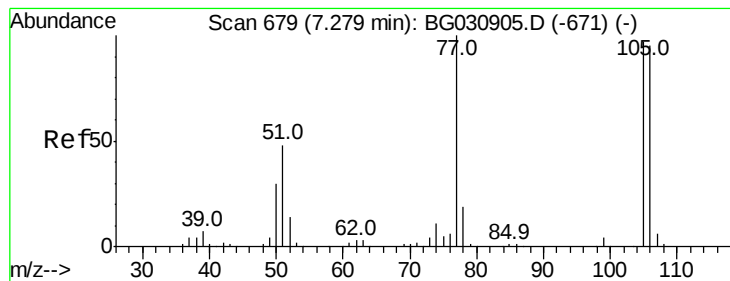
Delta R.T. -0.02 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		148613		
130	33.9	14.0	54.0		
64	47.2	37.7	77.7		





#9

Benzaldehyde

Concen: 21.152 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.02 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Instrument :

BNA_G

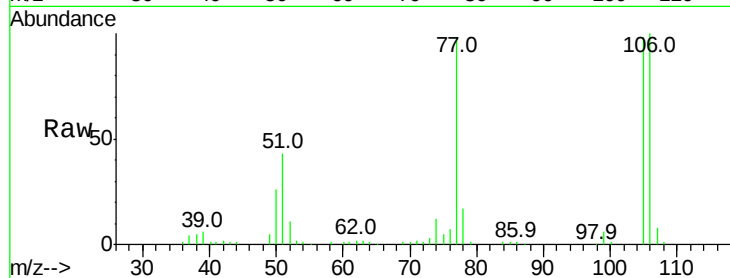
ClientSampled :

LW-01MS

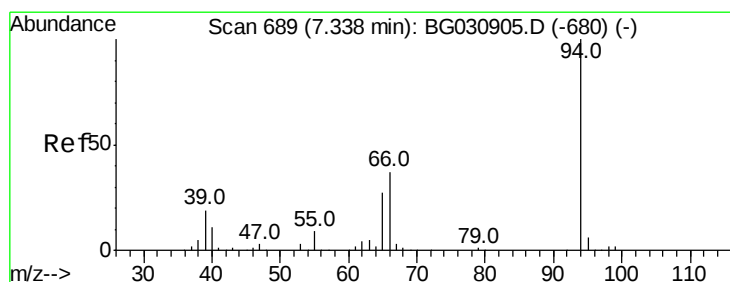
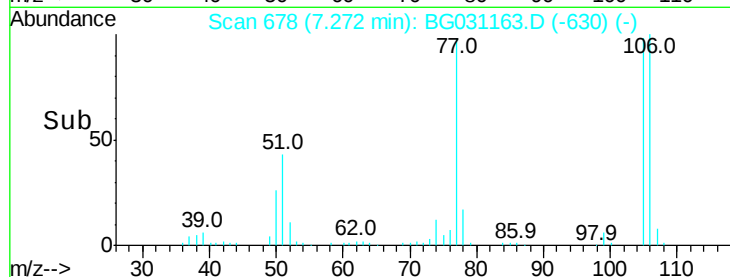
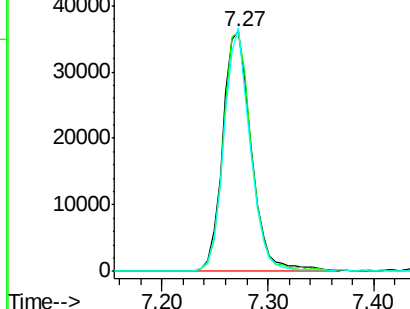
Tot Ion:	77	Resp:	67741
Ion	Ratio	Lower	Upper
77	100		
105	99.4	71.3	111.3
106	101.6	64.2	104.2

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 15.503 ng

RT: 7.33 min Scan# 688

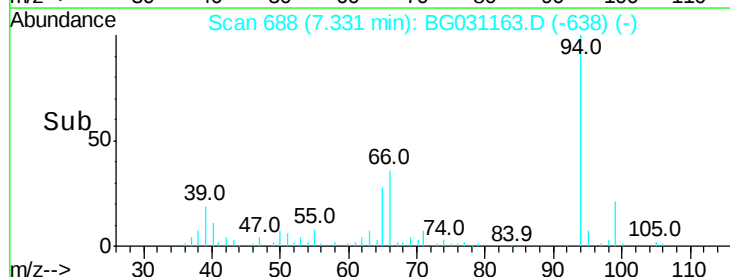
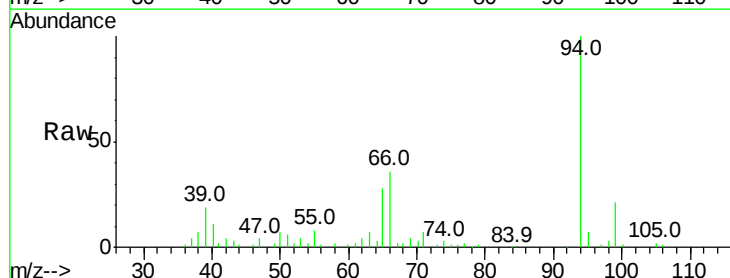
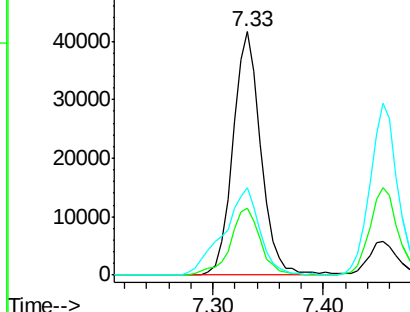
Delta R.T. -0.01 min

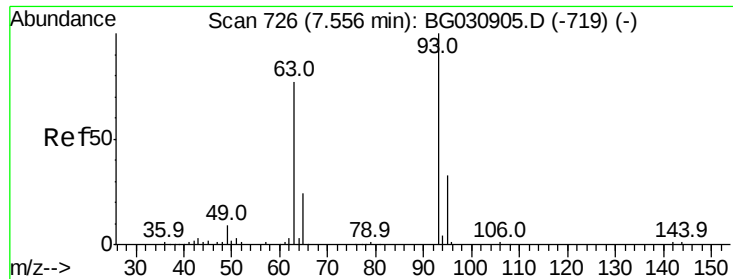
Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Tgt Ion:	94	Resp:	73682
Ion	Ratio	Lower	Upper
94	100		
65	27.5	11.9	51.9
66	35.8	22.2	62.2

Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

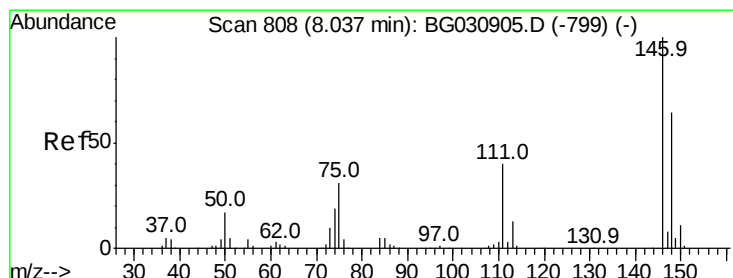
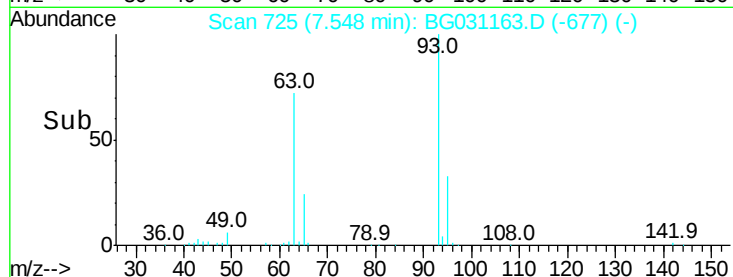
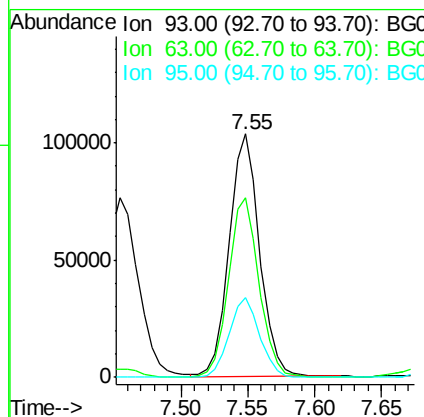
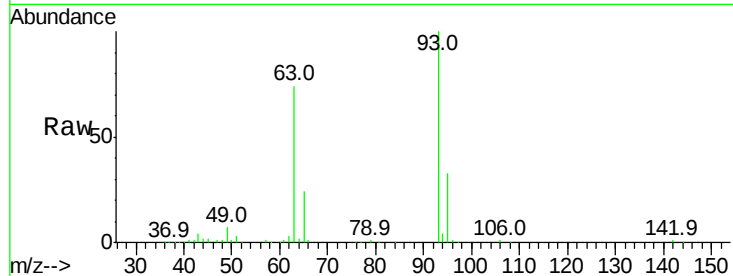
bis(2-Chloroethyl)ether
Concen: 43.444 ng
RT: 7.55 min Scan# 725
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	67.1	107.1
95	33.0	11.5	51.5

Manual Integrations
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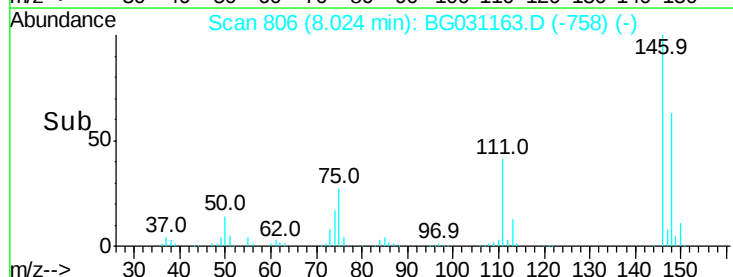
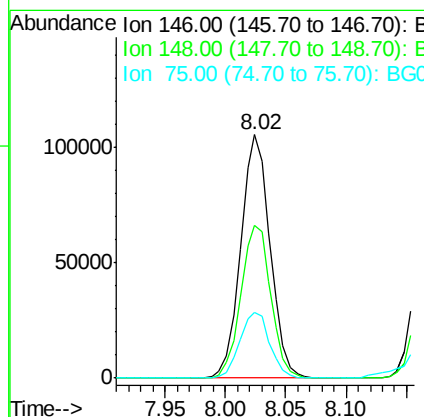
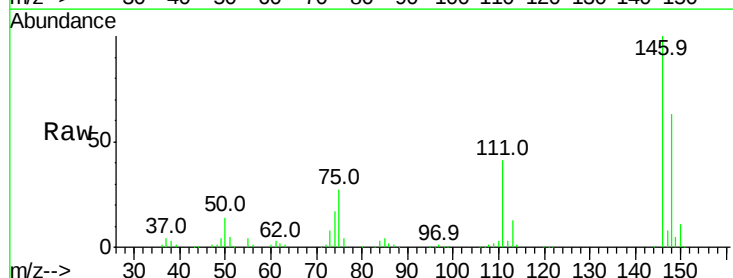
Sohil
11/22/2017 4:35:25 PM

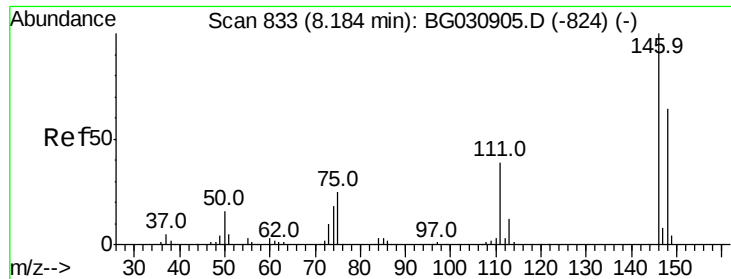


#12

1,3-Dichlorobenzene
Concen: 40.556 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.4	77.2
75	27.1	26.6	39.8





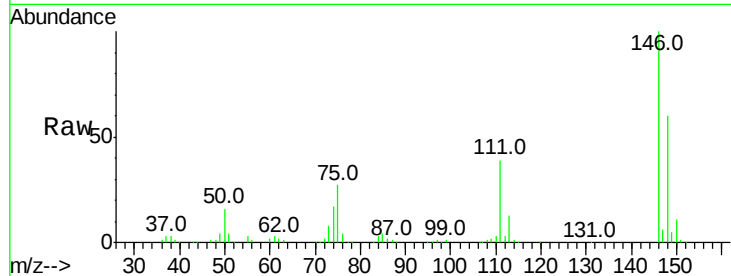
#13
 1,4-Dichlorobenzene
 Concen: 40.973 ng
 RT: 8.17 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Instrument :
 BNA_G
 ClientSampled :
 LW-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.6	53.7	80.5
111	38.9	35.2	52.8

Manual Integrations
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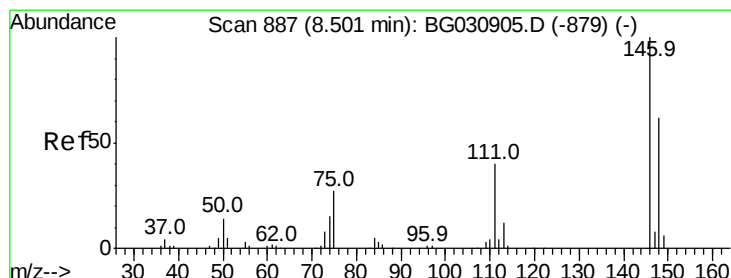
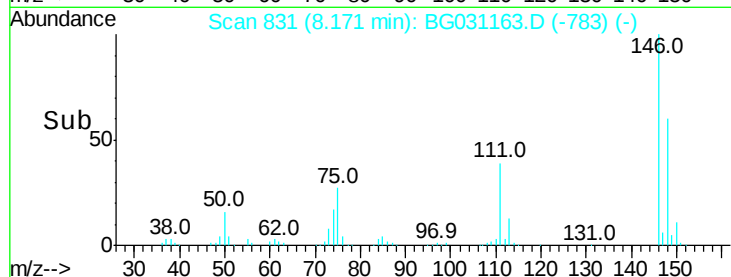
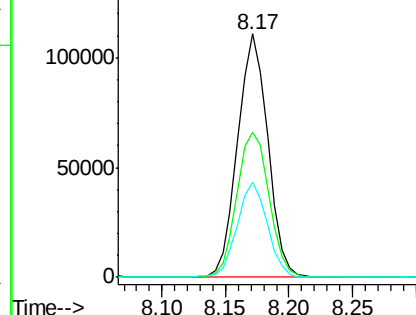


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.261 ng
 RT: 8.49 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

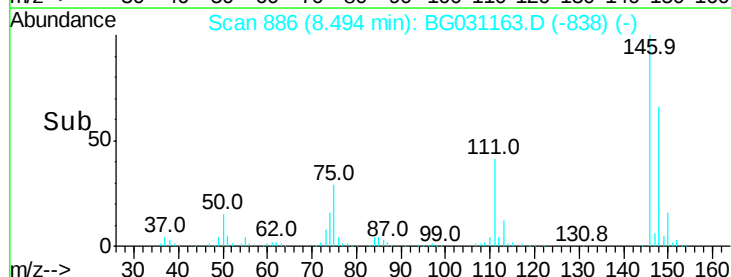
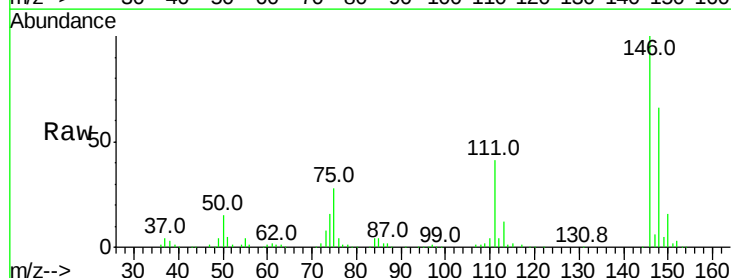
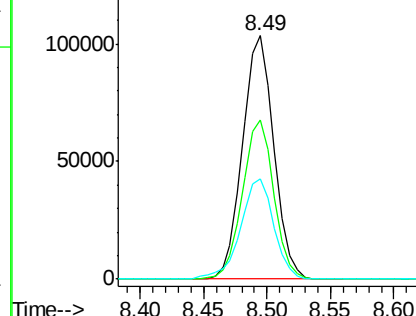
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	49.3	73.9
111	41.1	34.3	51.5

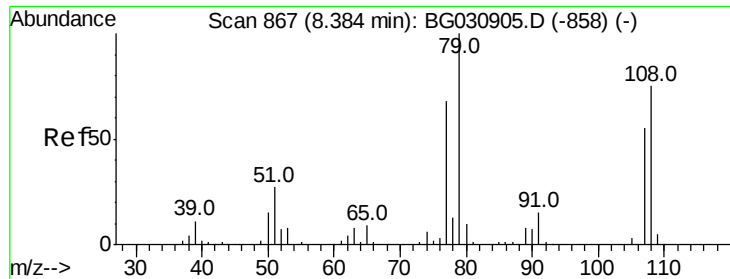
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.659 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Instrument :

BNA_G

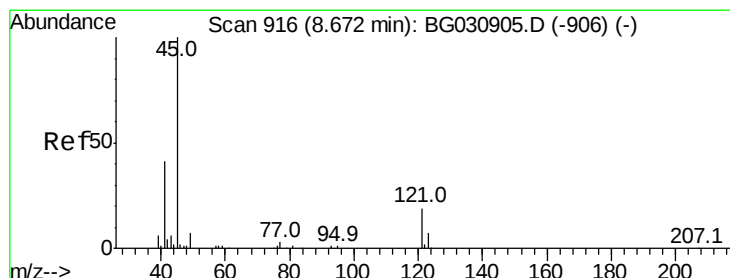
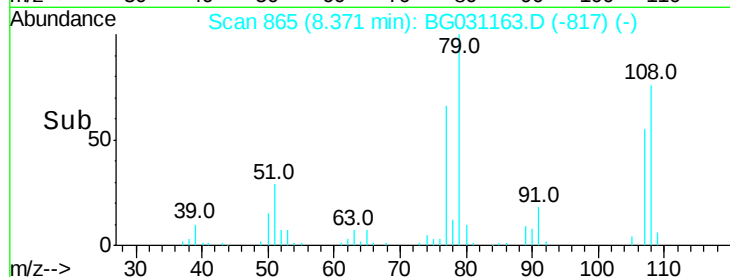
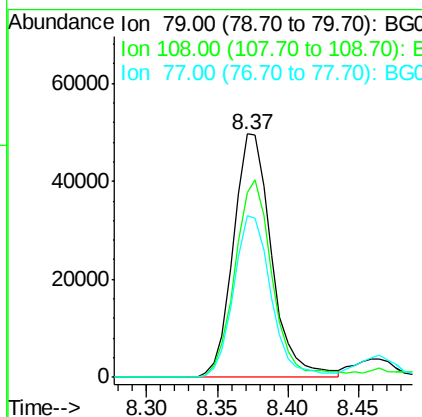
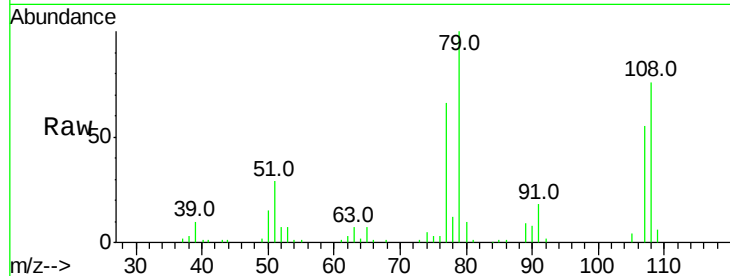
ClientSampleId :

LW-01MS

Tot Ion:	79	Resp:	94196
Ion Ratio	Lower	Upper	
79	100		
108	75.9	57.2	85.8
77	66.4	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.139 ng

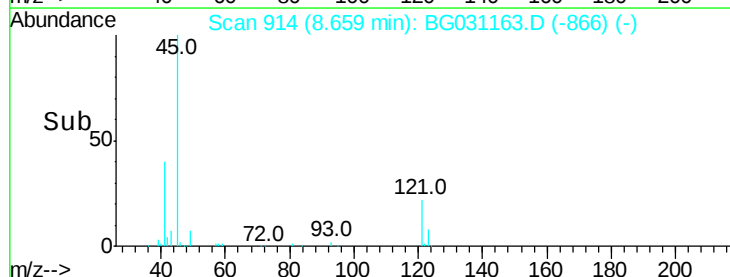
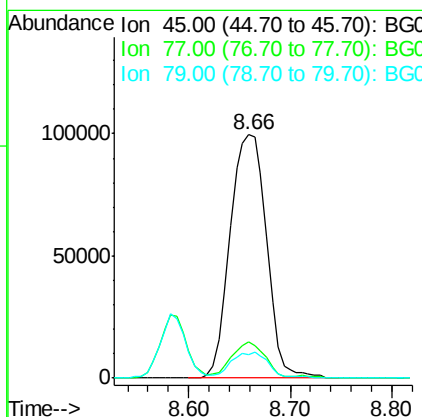
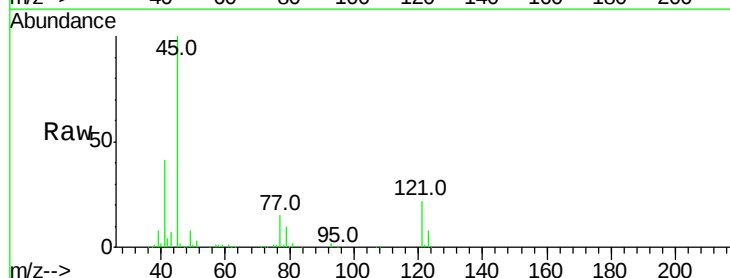
RT: 8.66 min Scan# 914

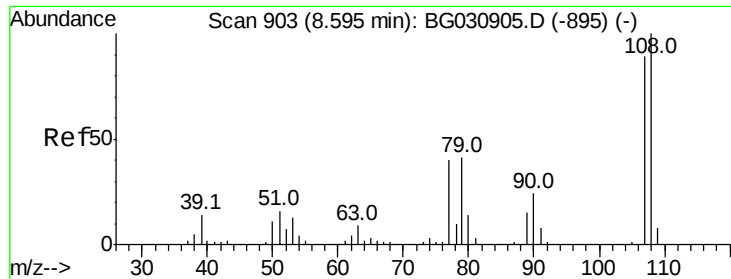
Delta R.T. -0.02 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Tgt Ion:	45	Resp:	247892
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	30.2
79	9.6	0.0	27.9





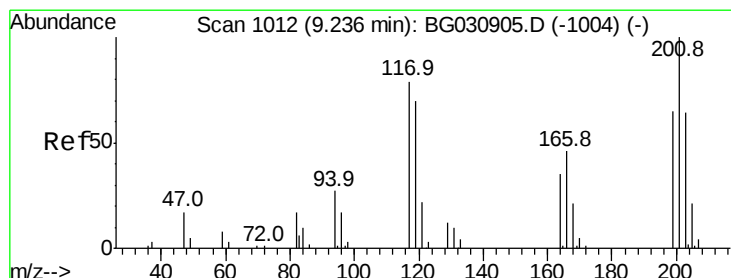
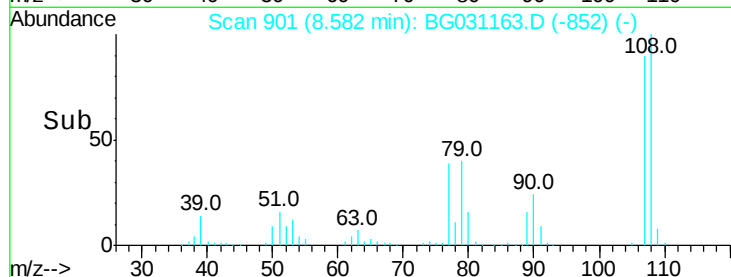
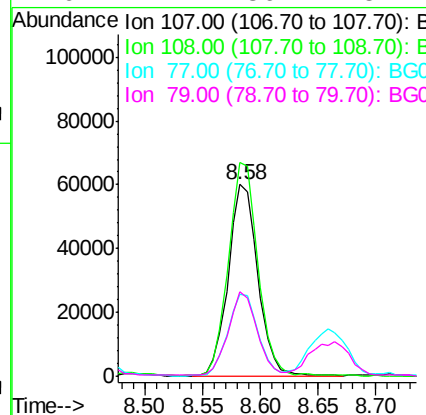
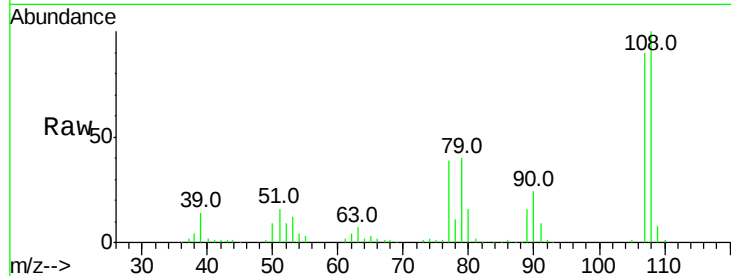
#17
2-Methylphenol
Concen: 32.405 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	83.9	125.9	
77	43.0	37.2	55.8	
79	44.1	36.2	54.2	

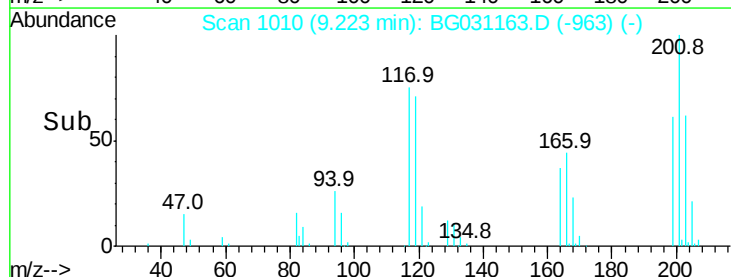
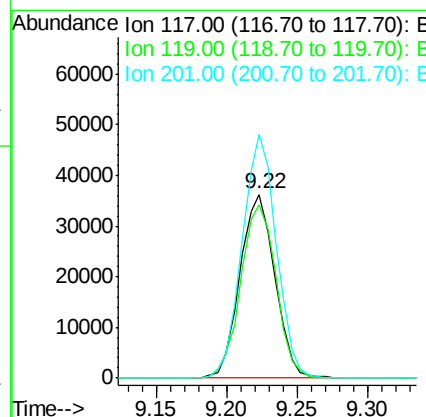
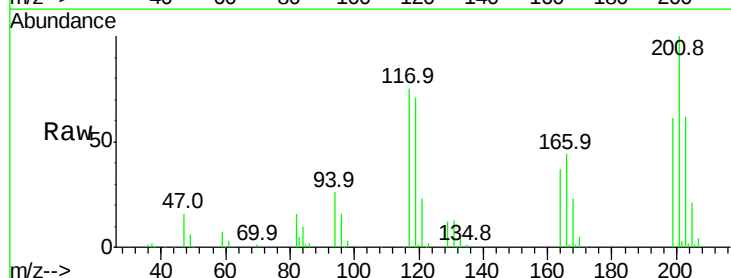
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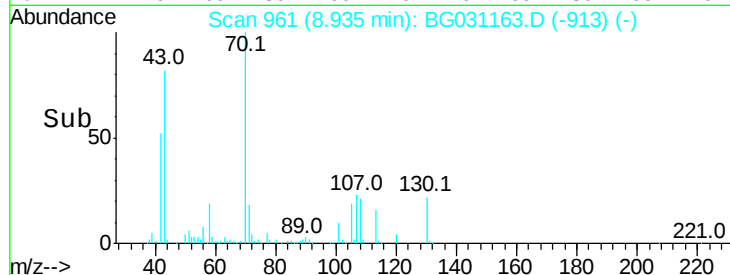
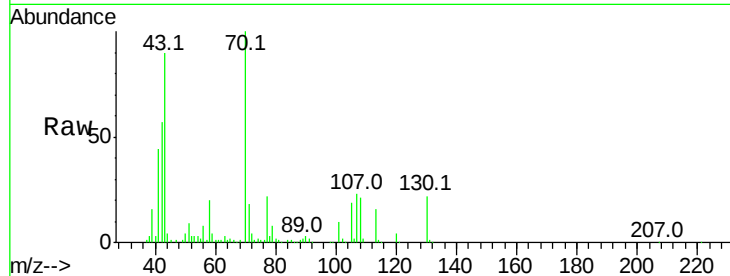
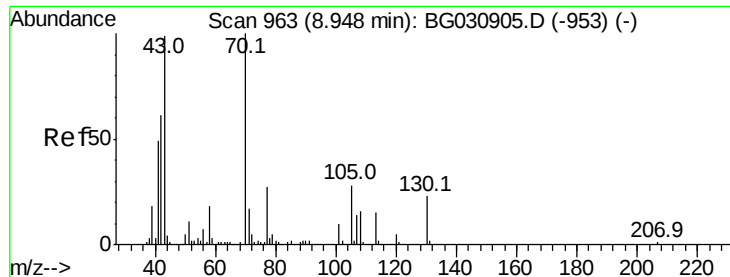
Sohil
11/22/2017 4:35:25 PM



#18
Hexachloroethane
Concen: 40.416 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	76.7	115.1	
201	132.6	95.7	143.5	





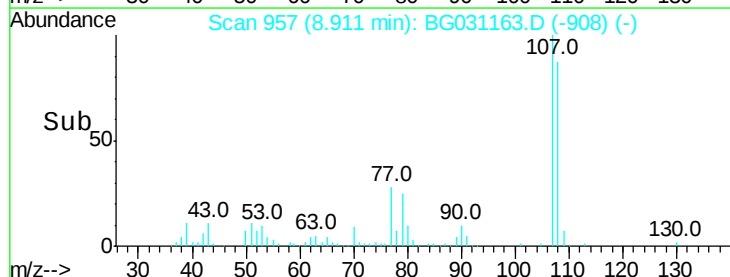
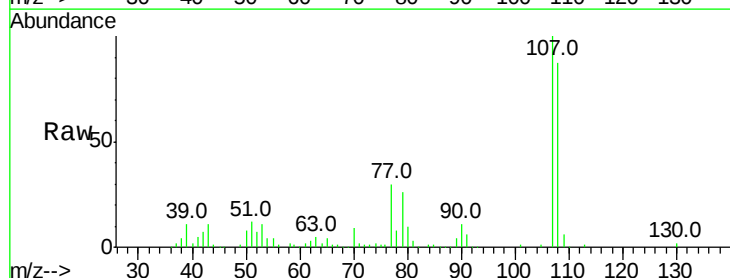
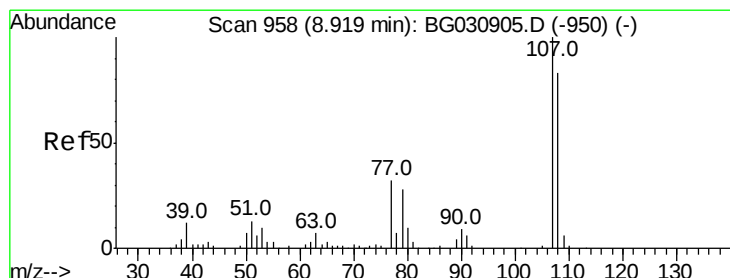
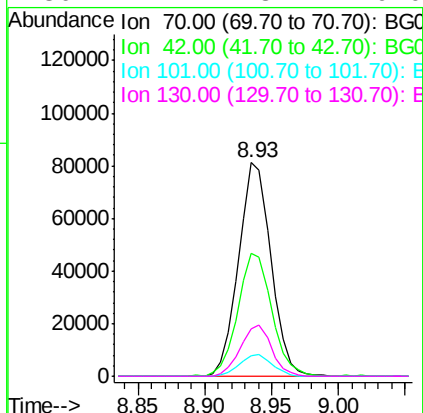
#19
n-Nitroso-di-n-propylamine
Concen: 39.287 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.3	49.1	73.7	
101	9.7	8.5	12.7	
130	22.4	13.4	20.0	

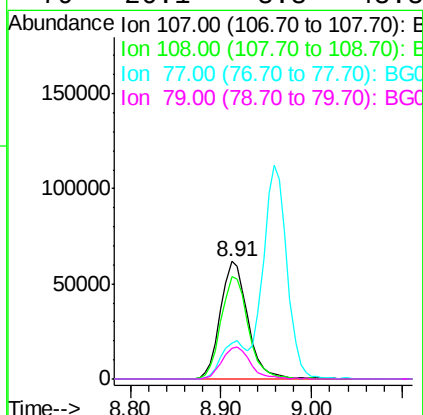
Manual Integrations
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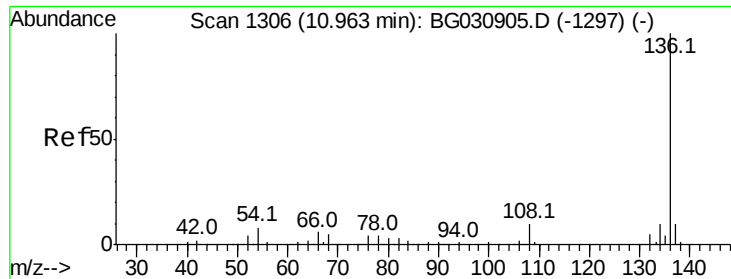
Sohil
11/22/2017 4:35:25 PM



#20
3+4-Methylphenols
Concen: 27.593 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	61.6	101.6	
77	30.3	13.9	53.9	
79	26.1	8.8	48.8	





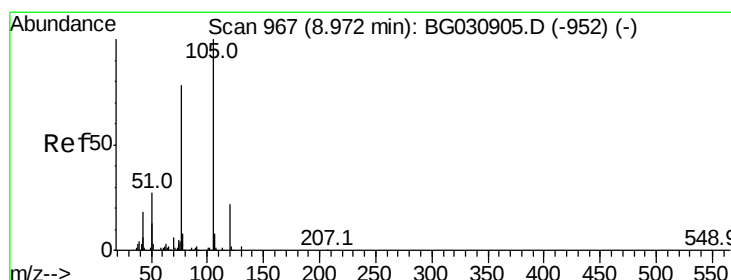
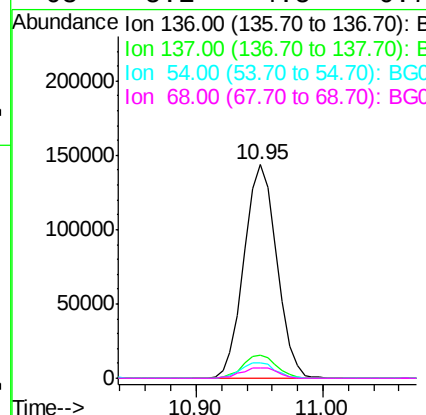
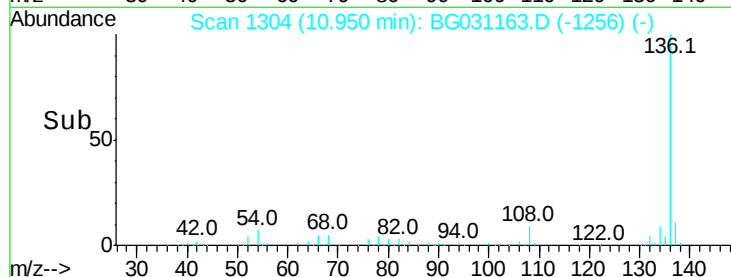
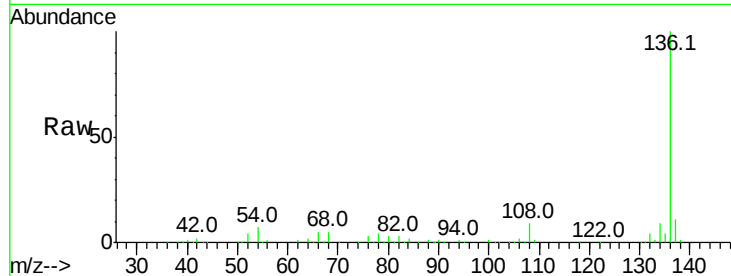
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	257765		
137	10.8		9.2	13.8
54	7.2		10.3	15.5#
68	5.1		4.5	6.7

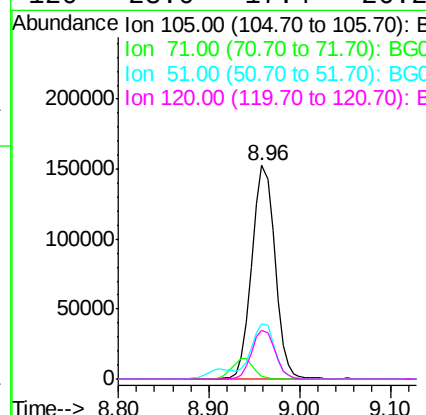
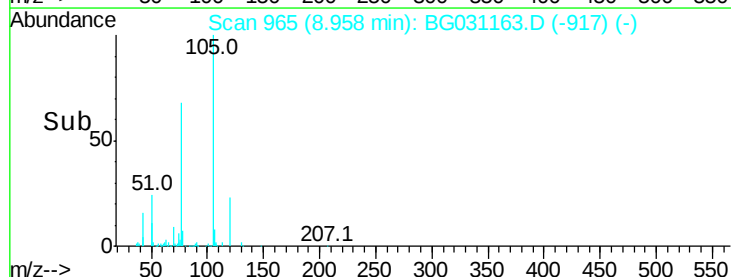
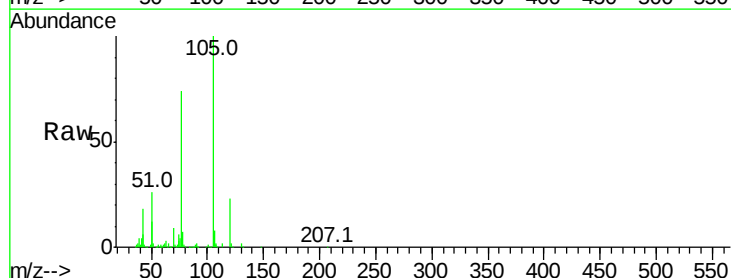
Manual Integrations
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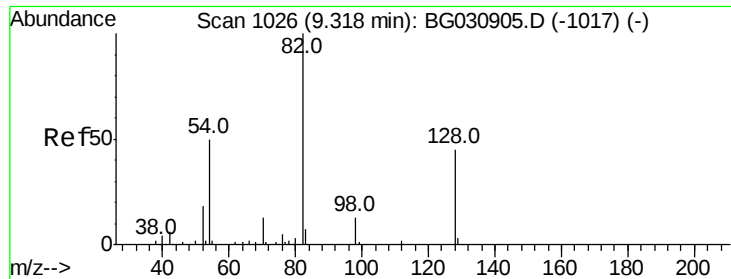
Sohil
11/22/2017 4:35:25 PM



#22
Acetophenone
Concen: 42.227 ng
RT: 8.96 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	271013		
71	1.2		3.0	4.4#
51	25.6		26.1	39.1#
120	23.0		17.4	26.2





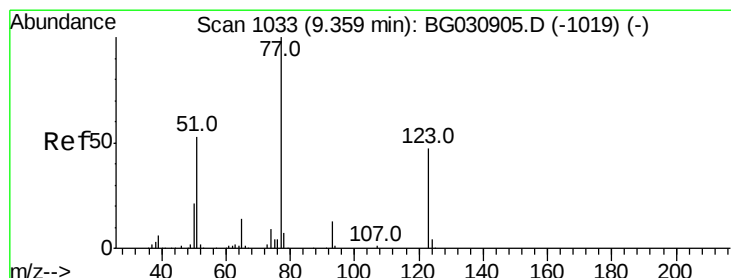
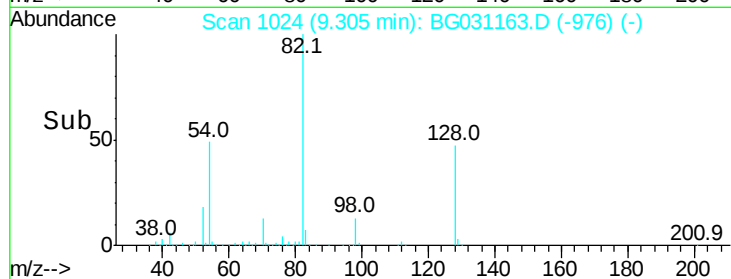
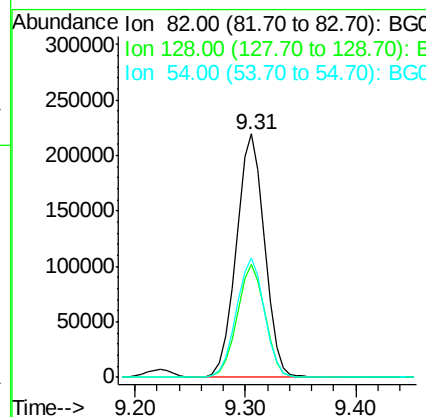
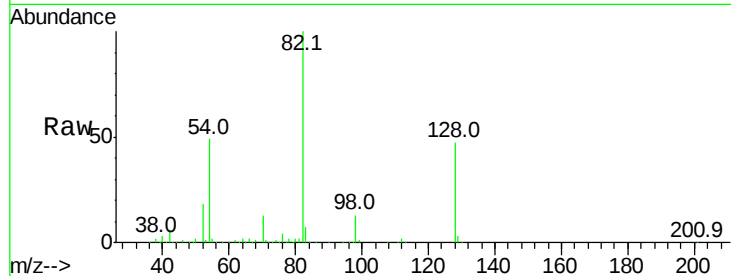
#23
 Nitrobenzene-d5
 Concen: 90.409 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Instrument :
 BNA_G
 ClientSampled :
 LW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	29.7	44.5#	
54	49.0	43.1	64.7	

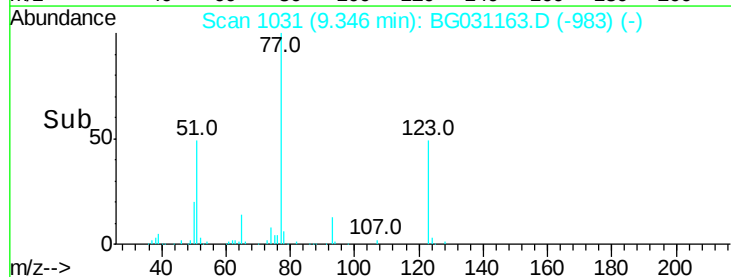
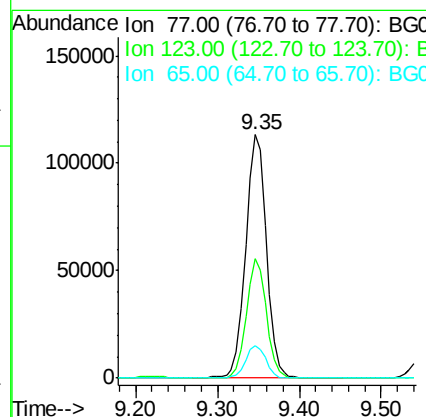
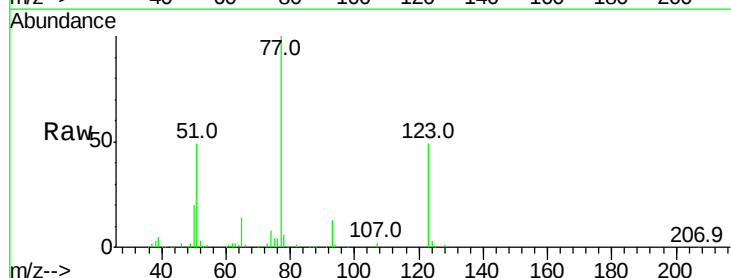
Manual Integrations
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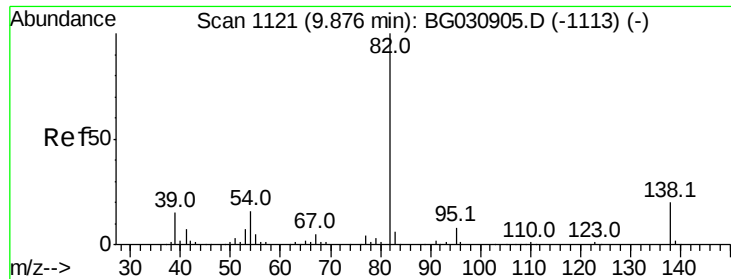
Sohil
 11/22/2017 4:35:25 PM



#24
 Nitrobenzene
 Concen: 44.859 ng
 RT: 9.35 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.2	33.0	49.6	
65	13.5	13.0	19.6	





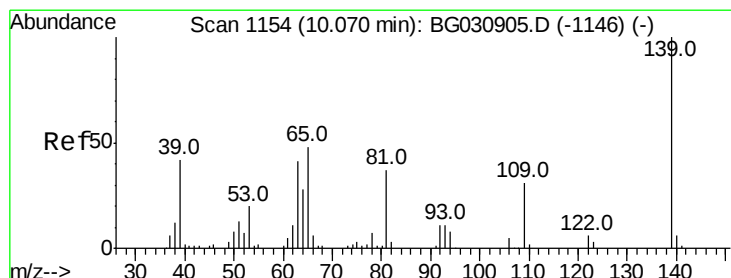
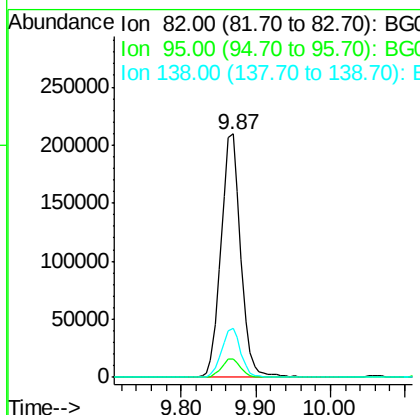
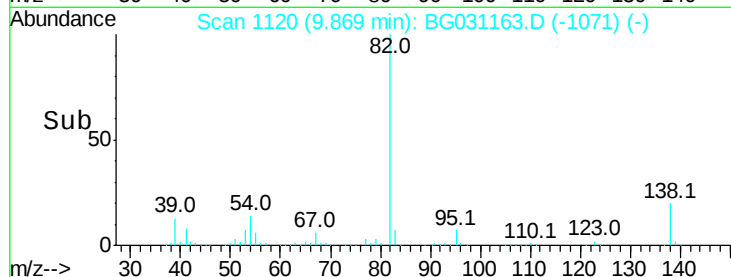
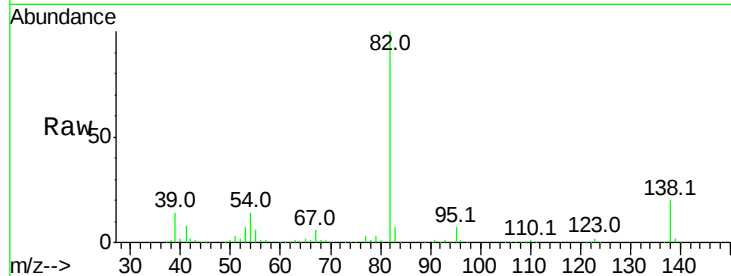
#25
Isophorone
Concen: 45.459 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.4	6.2	9.2	
138	20.3	12.1	18.1	

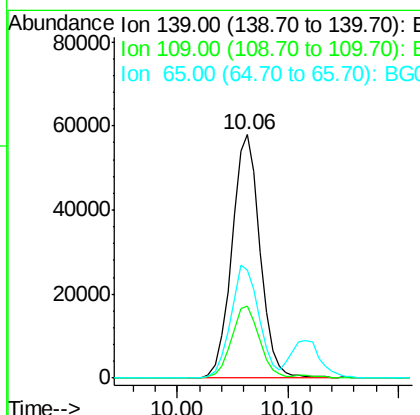
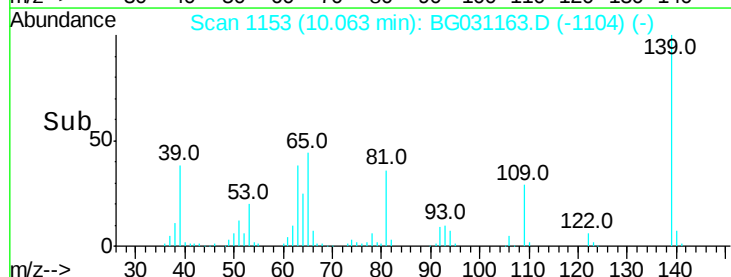
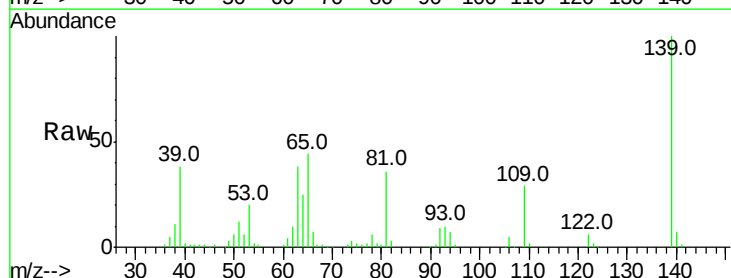
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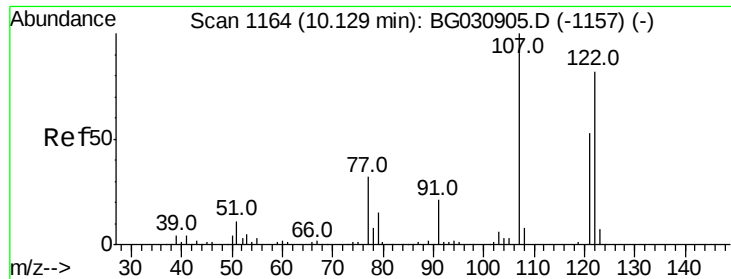
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#26
2-Nitrophenol
Concen: 44.831 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.4	24.2	36.2	
65	44.3	47.4	71.0	





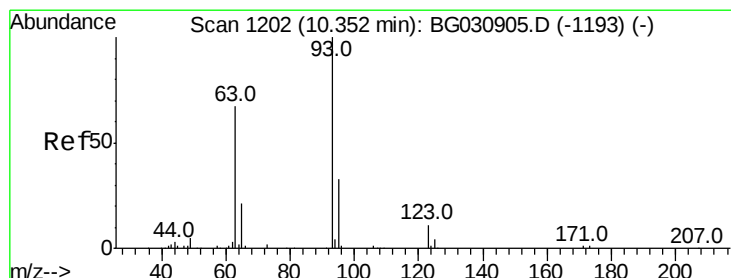
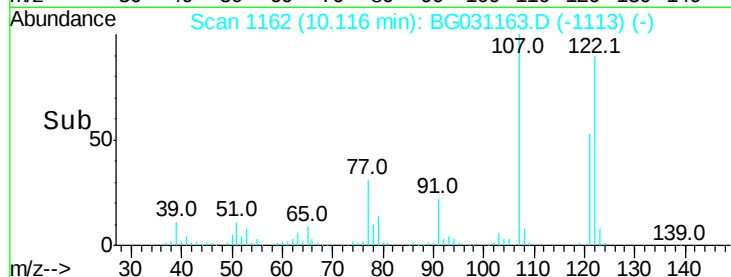
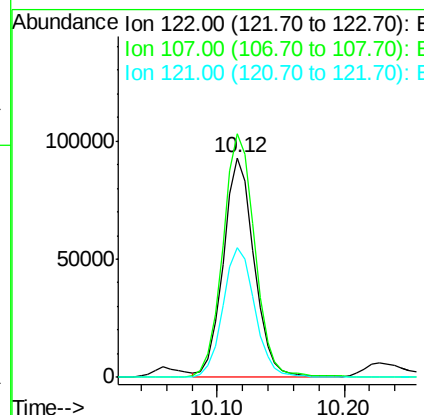
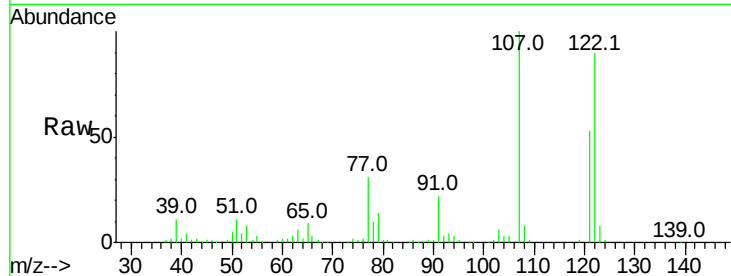
#27
 2,4-Dimethylphenol
 Concen: 45.445 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 LW-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	100.2	150.2
121	59.0	44.4	66.6

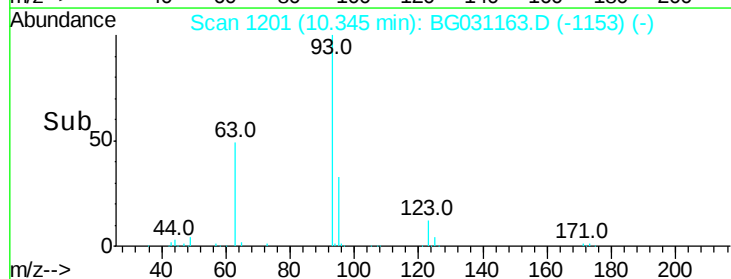
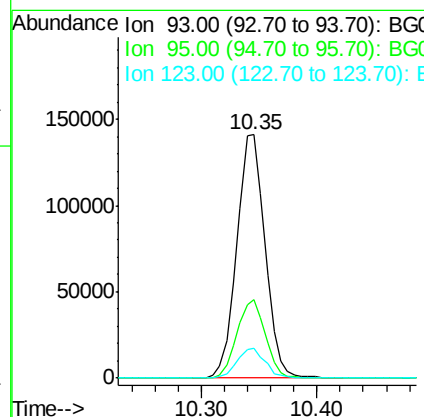
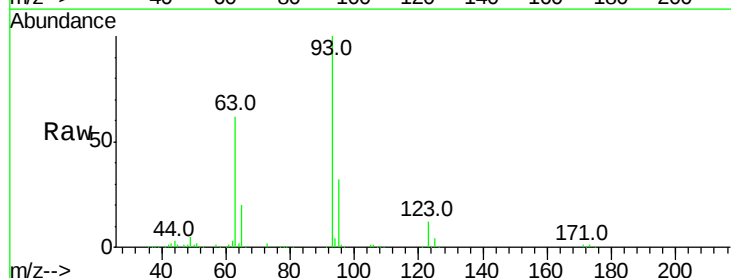
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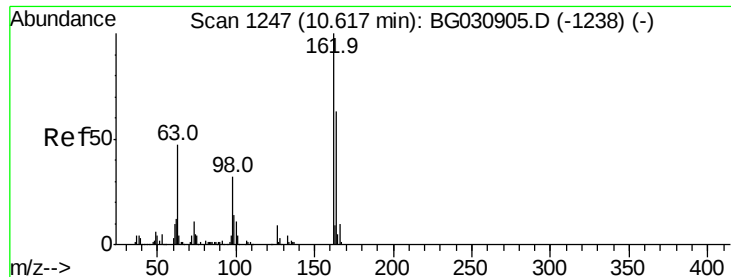
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.787 ng
 RT: 10.35 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	24.3	36.5
123	12.2	8.4	12.6





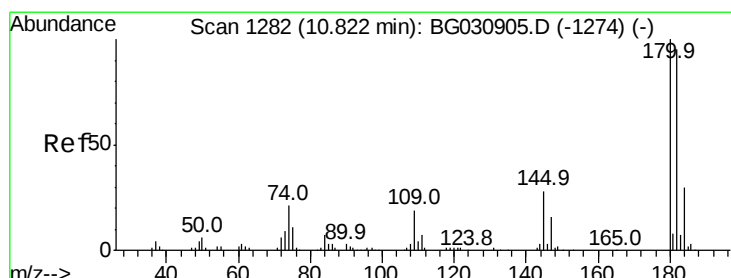
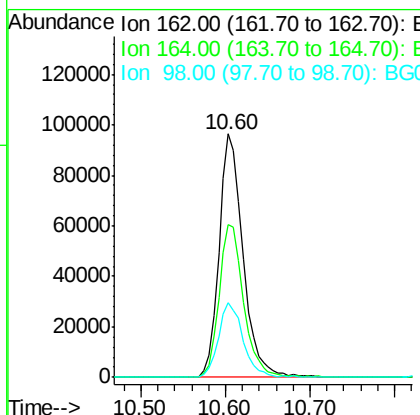
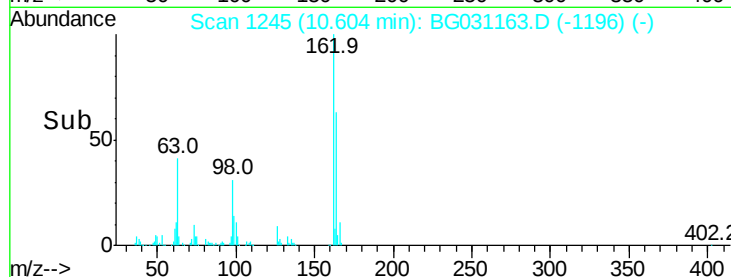
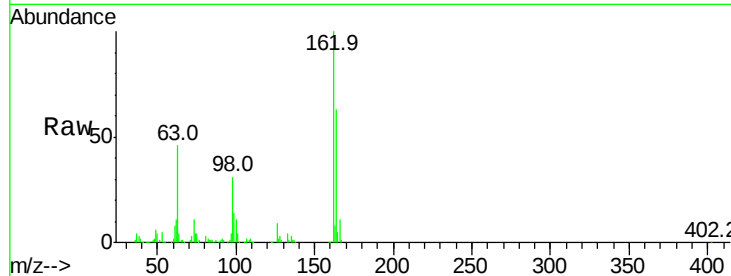
#29
2,4-Dichlorophenol
Concen: 46.028 ng
RT: 10.60 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.9	48.0	88.0
98	30.9	21.1	61.1

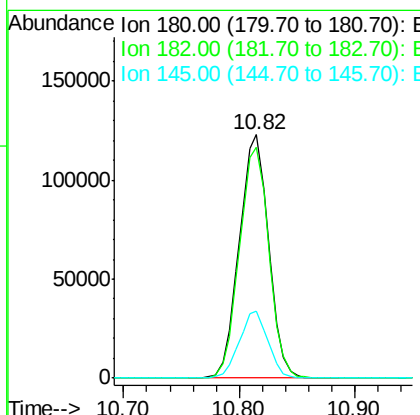
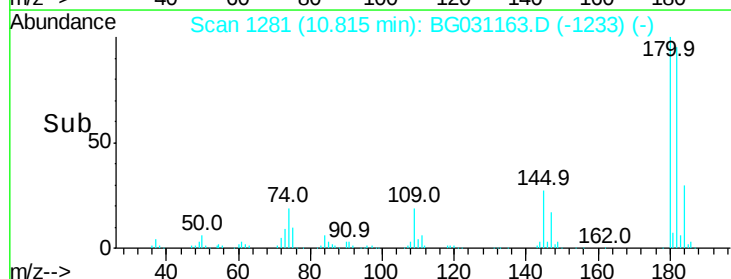
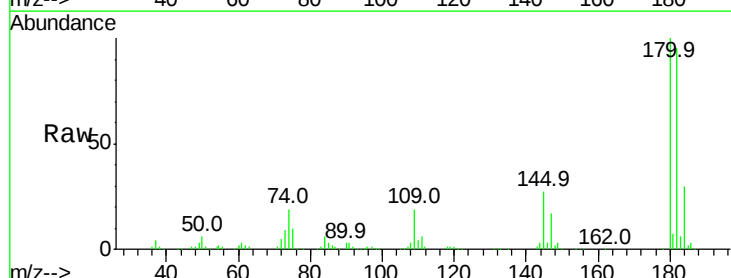
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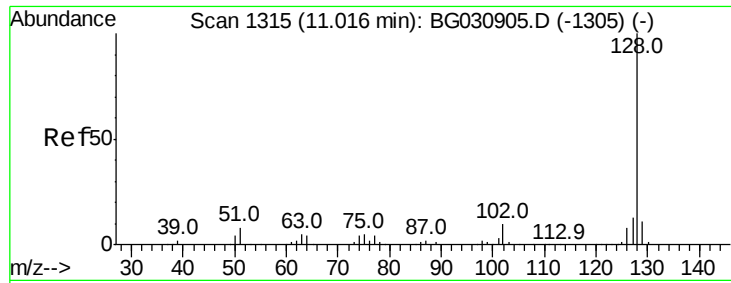
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#30
1,2,4-Trichlorobenzene
Concen: 43.901 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.8	77.5	116.3
145	27.4	23.4	35.2





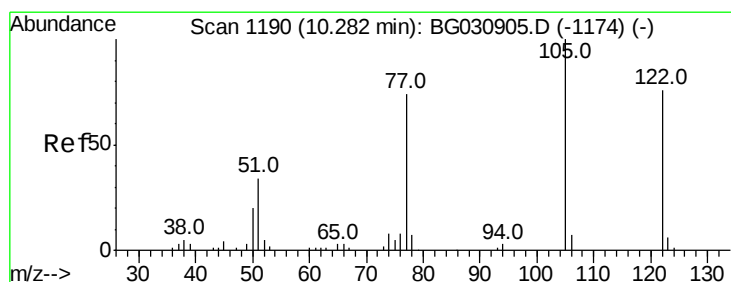
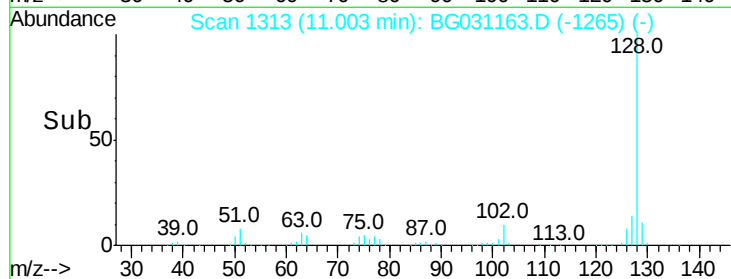
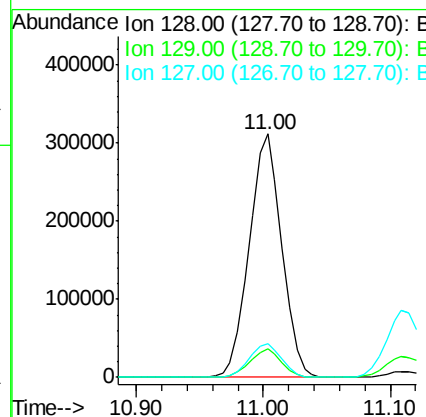
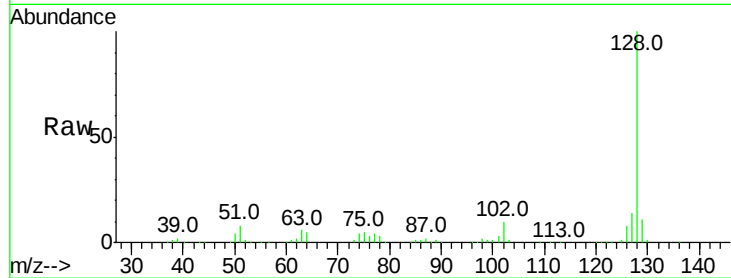
#31
Naphthalene
Concen: 43.743 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.8	11.6	17.4

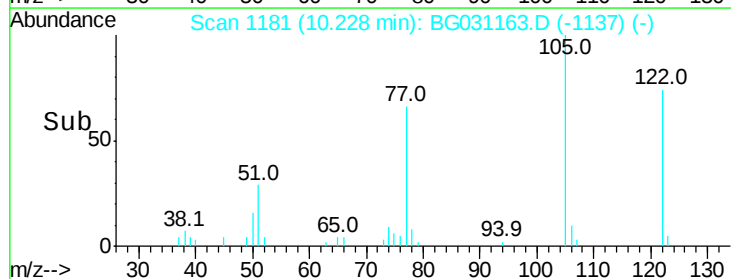
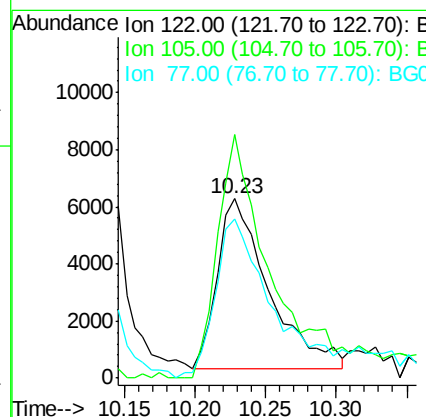
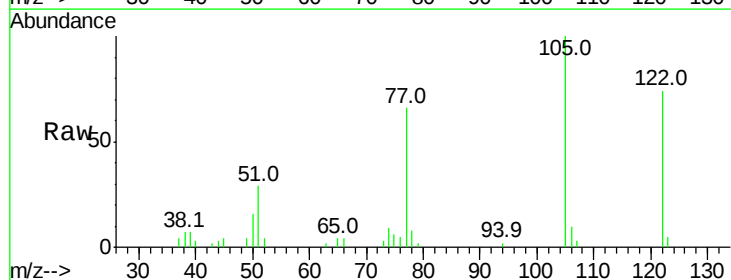
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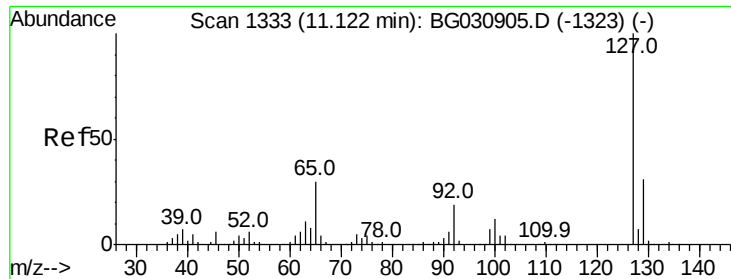
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#32
Benzoic acid
Concen: 10.300 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.9	123.5	163.5
77	89.0	85.7	125.7





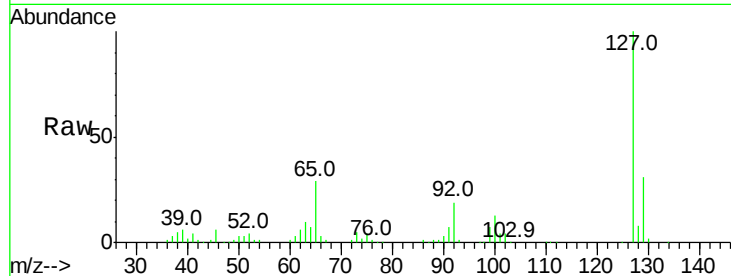
#33
4-Chloroaniline
Concen: 31.694 ng
RT: 11.11 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

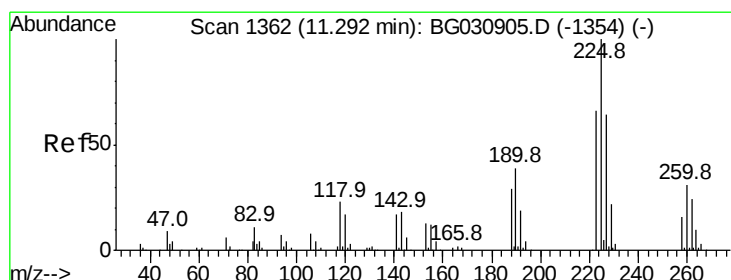
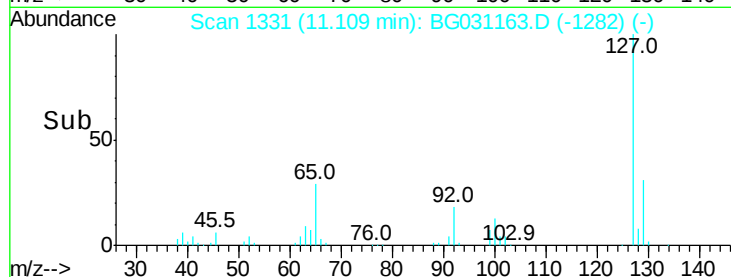
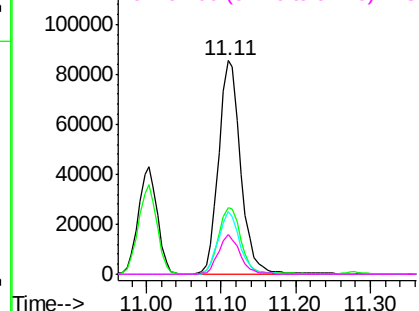
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.9	24.0	36.0		
65	29.2	27.0	40.4		
92	18.5	16.6	25.0		

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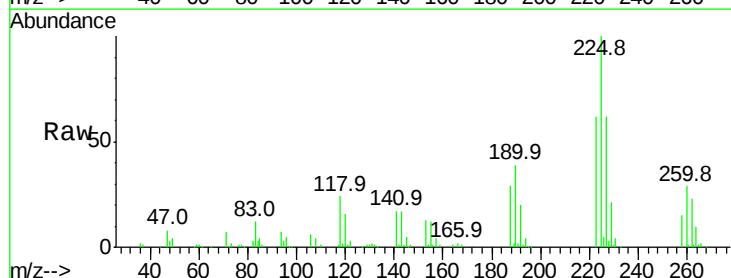


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

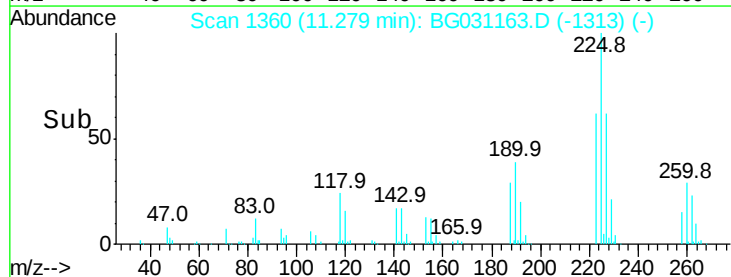
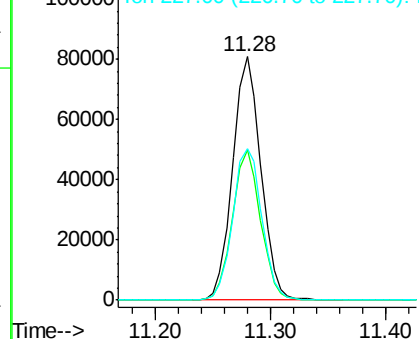


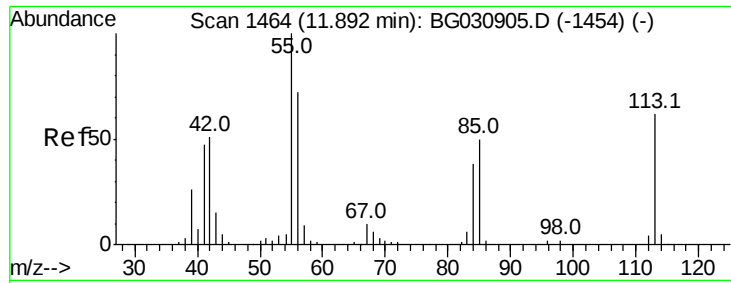
#34
Hexachlorobutadiene
Concen: 40.049 ng
RT: 11.28 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	49.7	74.5		
227	62.2	48.1	72.1		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 6.300 ng/mL

RT: 11.88 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Instrument :

BNA_G

ClientSampleID :

LW-01MS

Tot Ion:113 Resp: 10626

Ion Ratio Lower Upper

113 100

55 155.6 186.9 226.9#

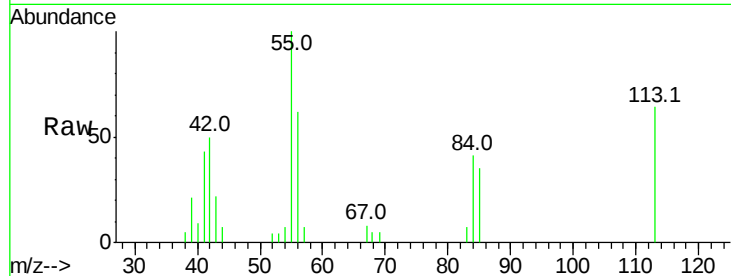
56 97.0 130.9 170.9#

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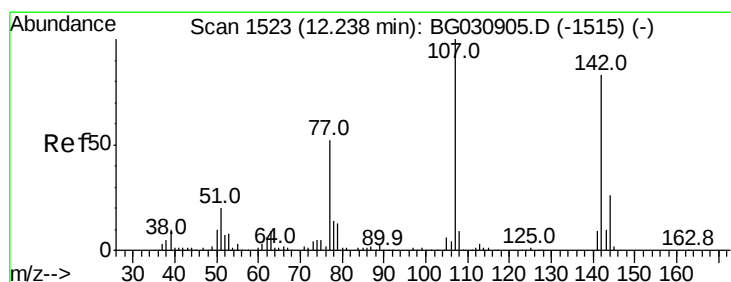
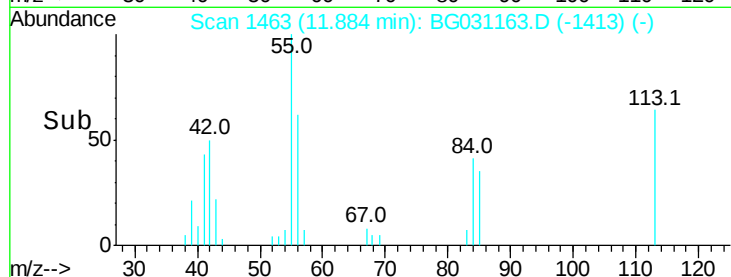
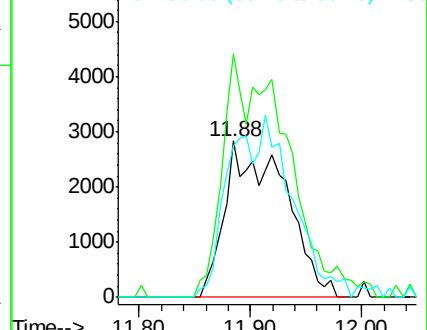
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.262 ng/mL

RT: 12.23 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

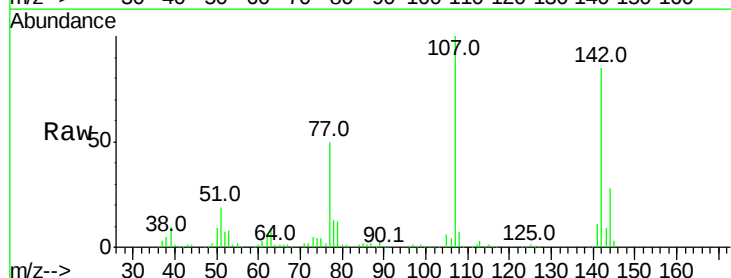
Tgt Ion:107 Resp: 180936

Ion Ratio Lower Upper

107 100

144 28.0 18.2 27.4#

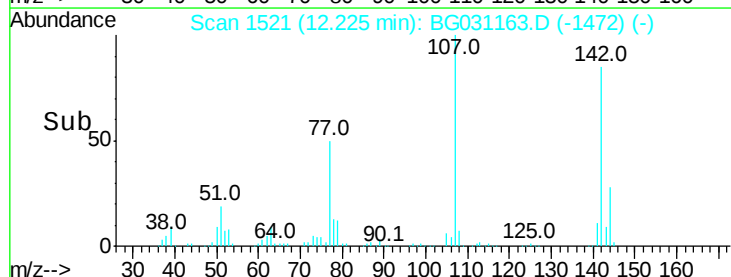
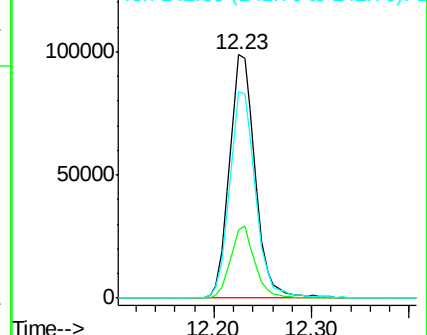
142 84.6 59.0 88.4

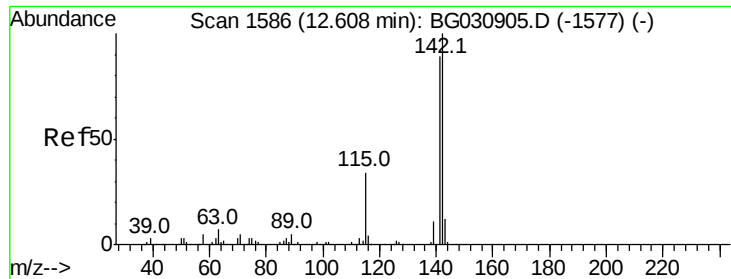


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





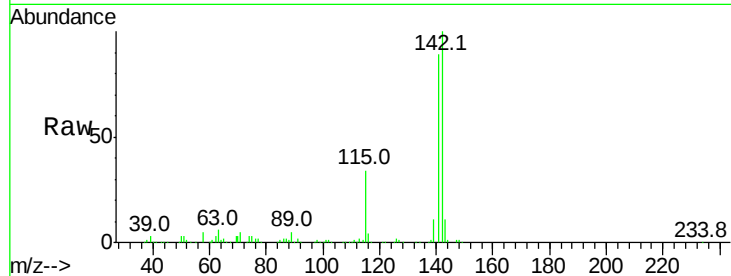
#37
2-Methylnaphthalene
Concen: 46.044 ng
RT: 12.60 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

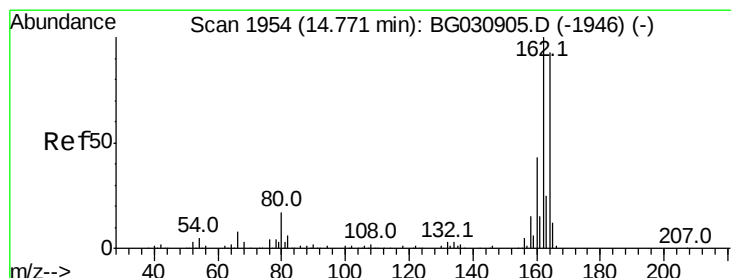
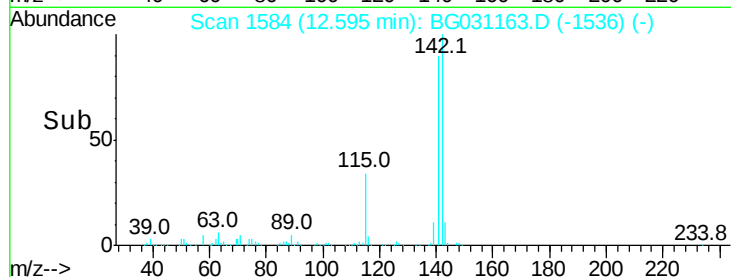
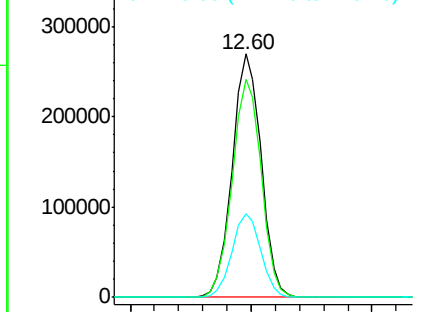
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.1	100.7
115	34.1	30.7	46.1

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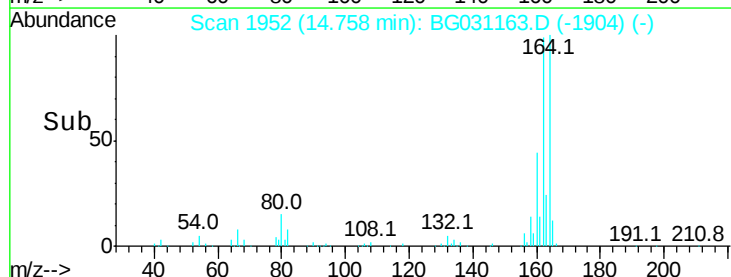
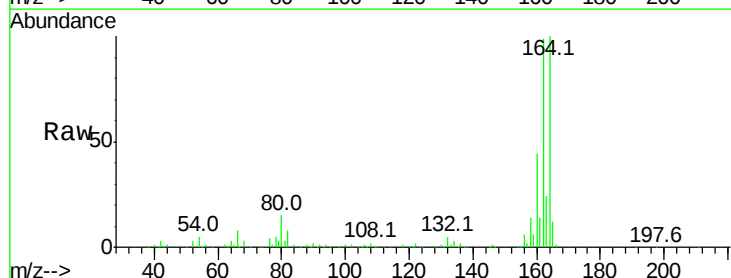
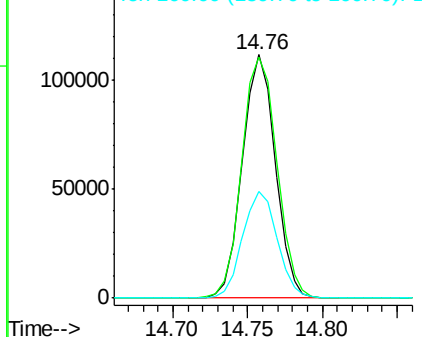
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

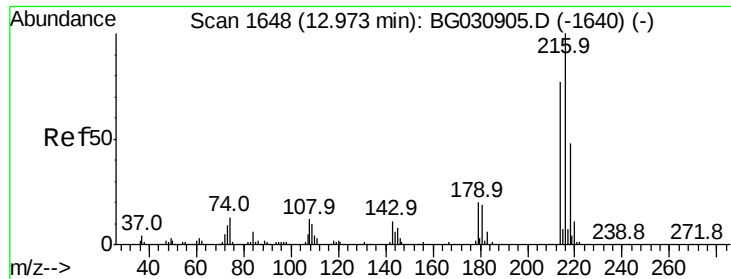


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.8	118.2
160	44.1	35.4	53.0

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





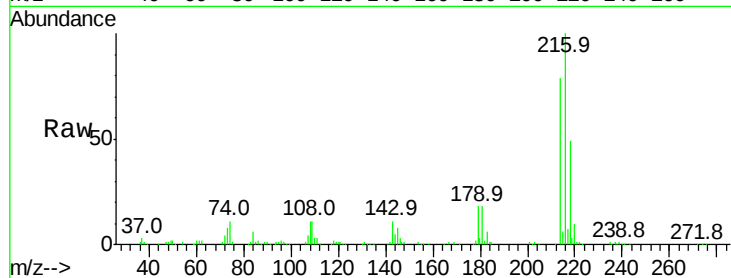
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.389 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 LW-01MS

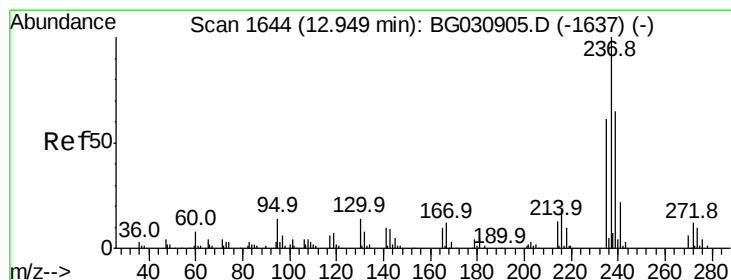
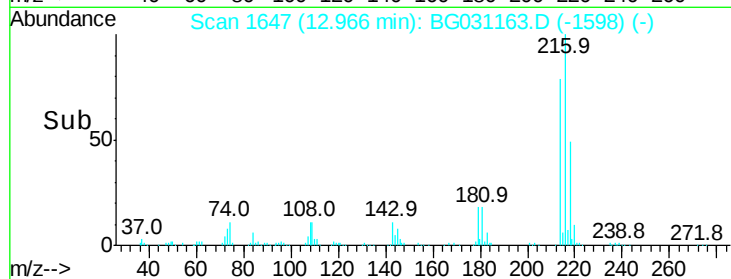
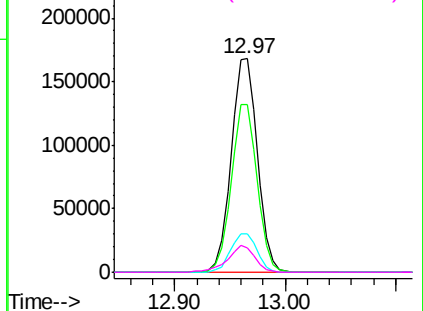
Tot Ion	Ratio	Resp	Lower	Upper
216	100	279823		
214	77.3	63.0	94.4	
179	18.2	17.0	25.6	
108	13.2	12.8	19.2	

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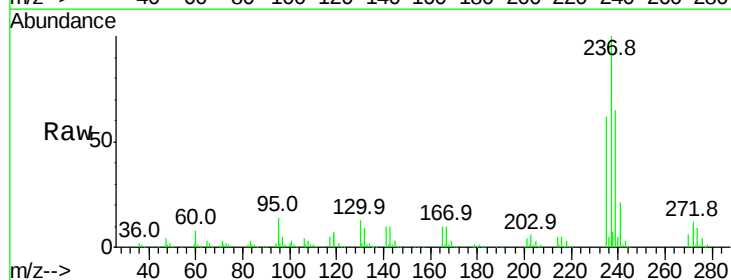


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

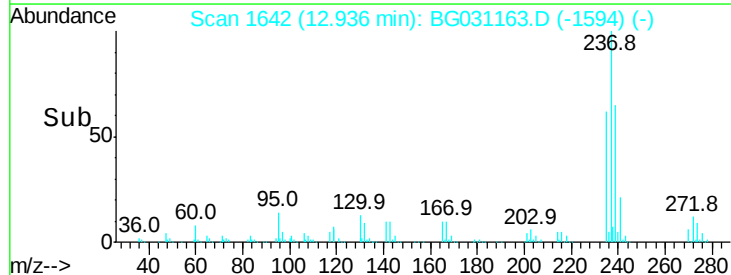
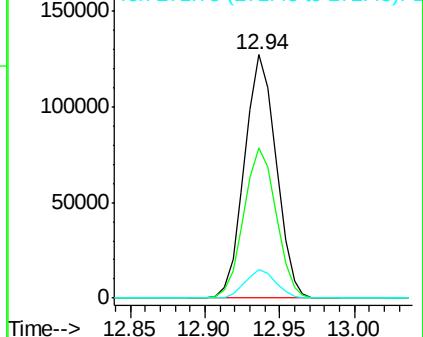


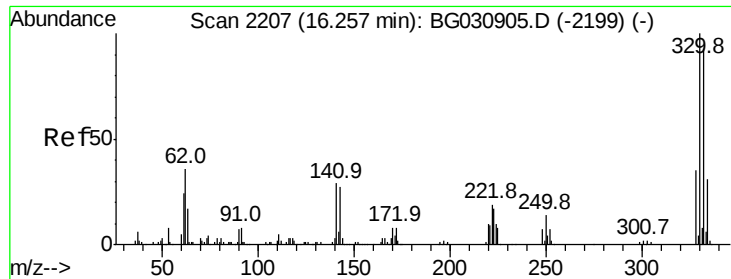
#40
 Hexachlorocyclopentadiene
 Concen: 75.409 ng
 RT: 12.94 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	186795		
235	61.8	50.4	90.4	
272	11.6	0.0	31.8	



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





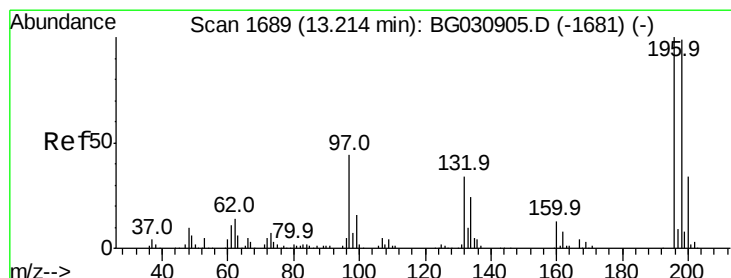
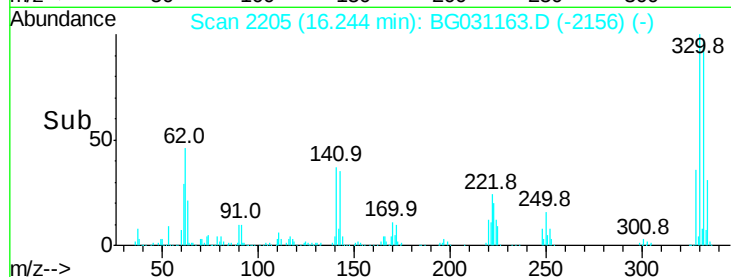
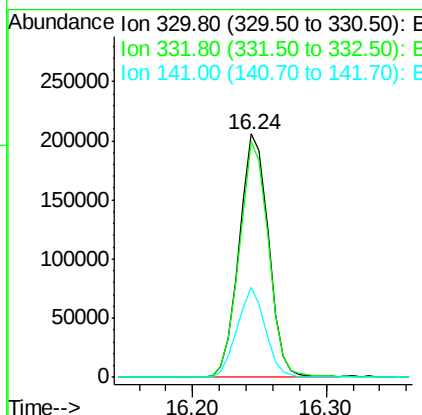
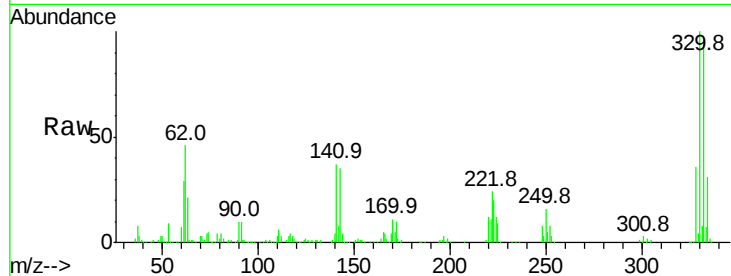
#41
 2,4,6-Tribromophenol
 Concen: 113.638 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Instrument :
 BNA_G
 ClientSampled :
 LW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.0	115.6	
141	35.5	25.2	37.8	

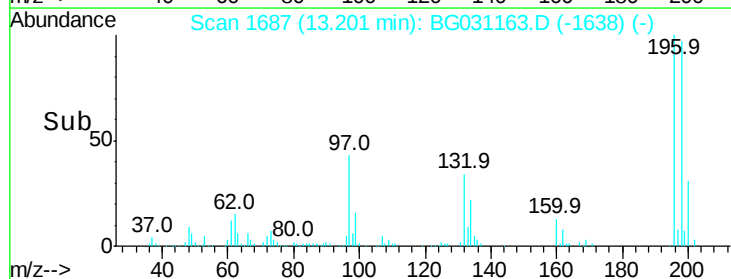
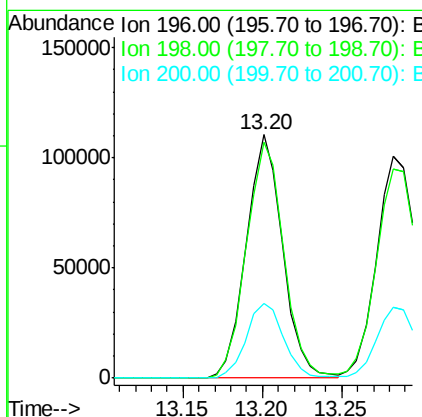
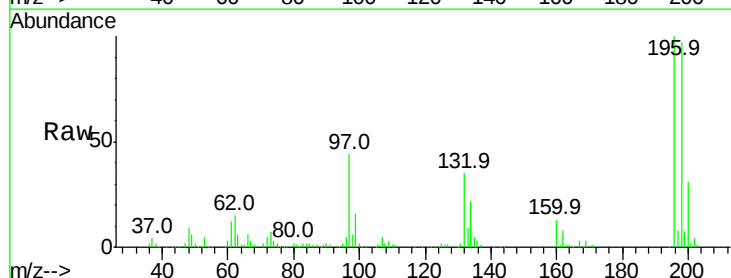
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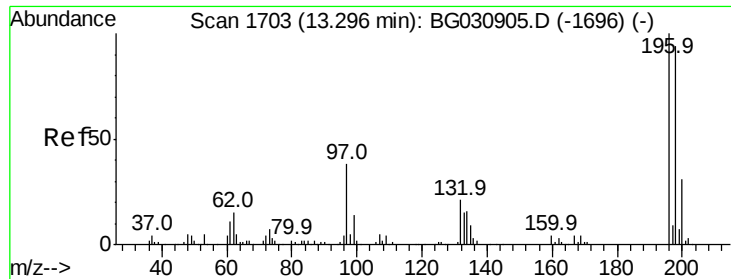
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#42
 2,4,6-Trichlorophenol
 Concen: 45.638 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.7	78.2	117.2	
200	30.7	24.6	36.8	





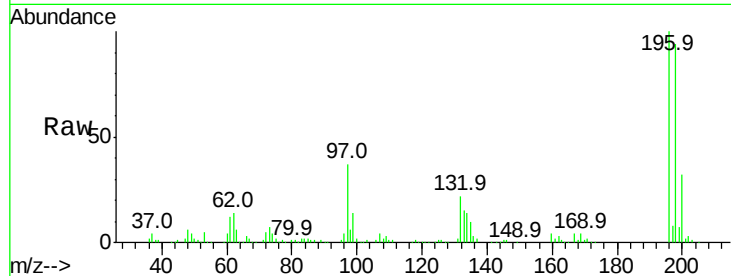
#43
2,4,5-Trichlorophenol
Concen: 44.268 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	187198		
198	94.2	76.2	114.4	
97	37.1	38.7	58.1	#
132	22.4	20.2	30.2	

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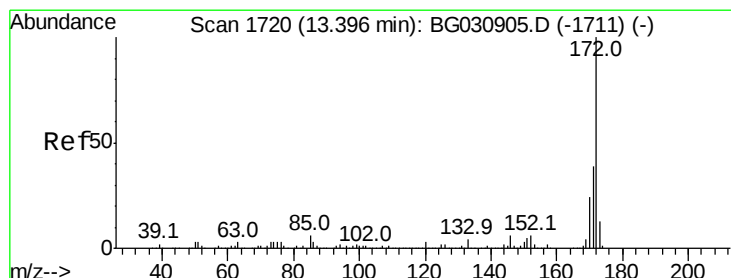
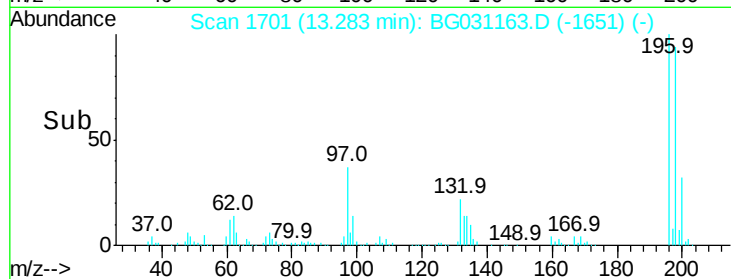
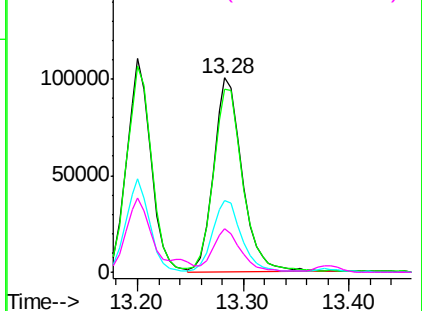
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

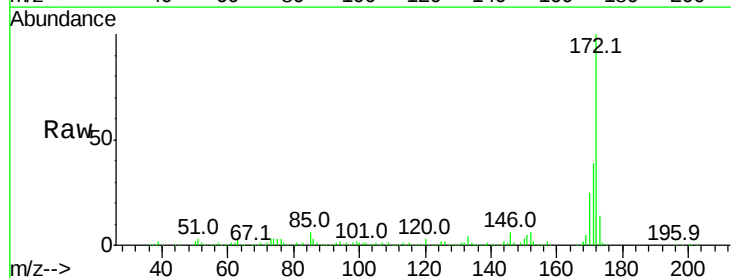
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 92.870 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1100979		
171	38.6	30.0	45.0	
170	25.2	19.5	29.3	

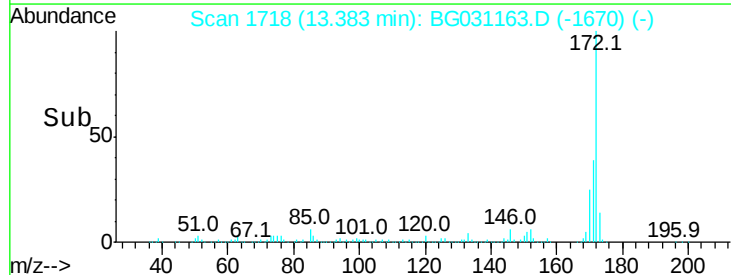
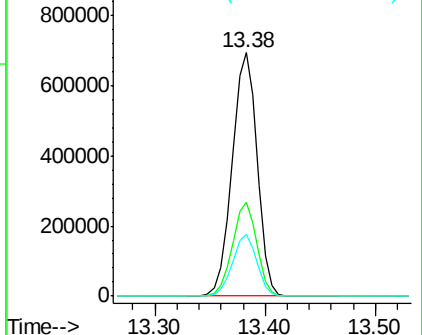


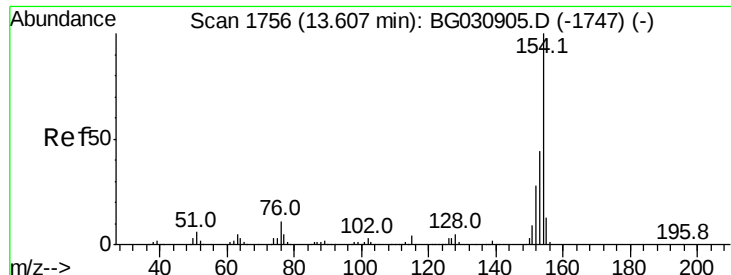
Abundance

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





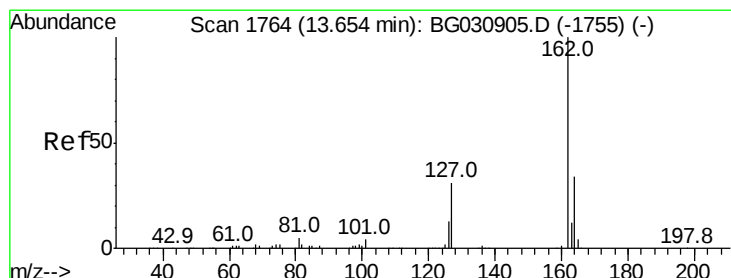
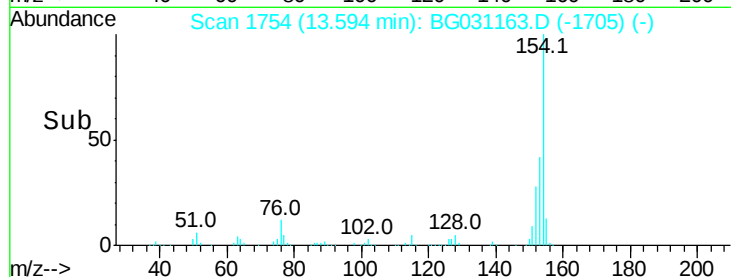
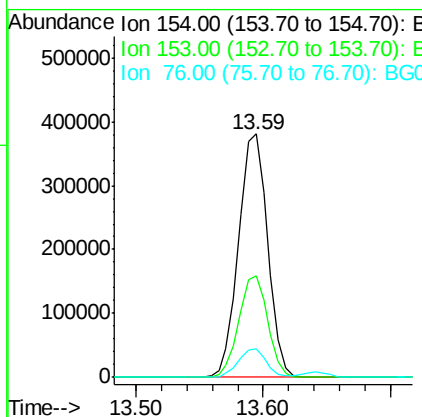
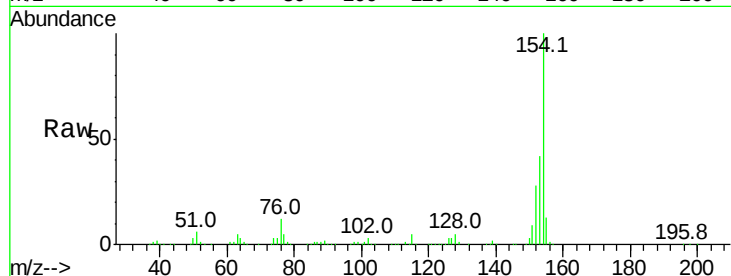
#45
 1,1'-Biphenyl
 Concen: 42.707 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 LW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	603262		
153	41.8	19.8	59.8	
76	11.8	0.0	31.9	

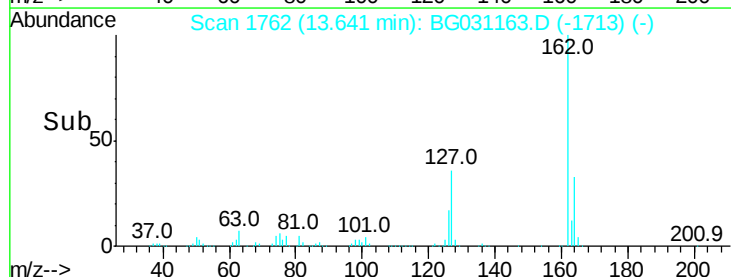
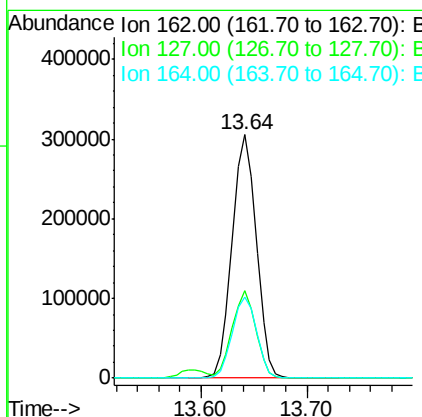
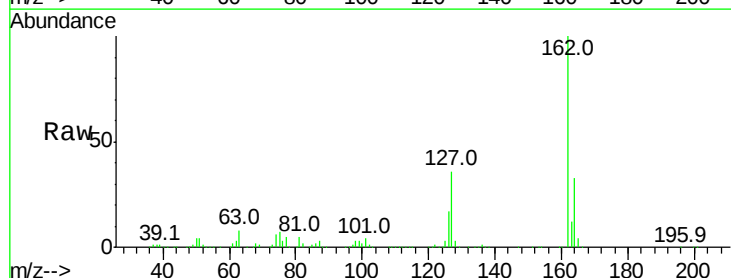
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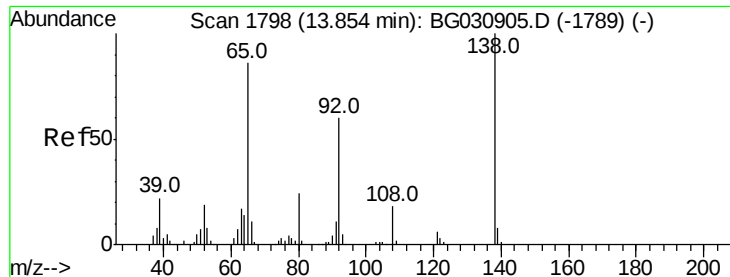
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#46
 2-Chloronaphthalene
 Concen: 47.409 ng
 RT: 13.64 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	483174		
127	35.8	30.7	46.1	
164	33.3	26.0	39.0	





#47

2-Nitroaniline

Concen: 44.510 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Instrument :

BNA_G

ClientSampleId :

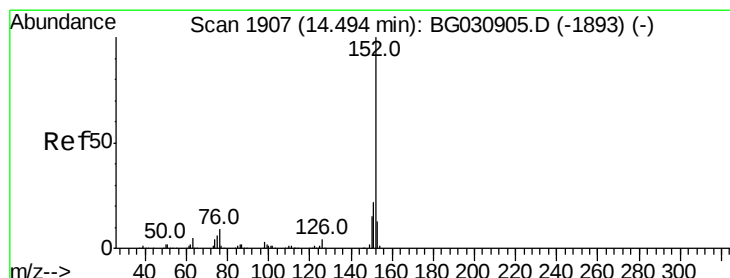
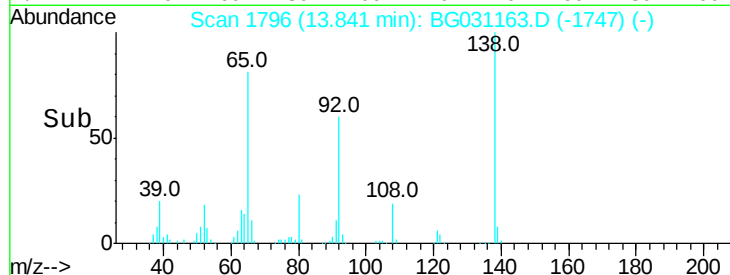
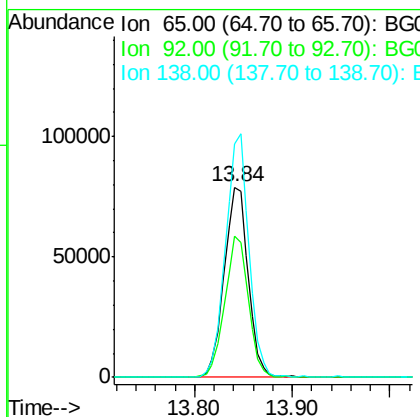
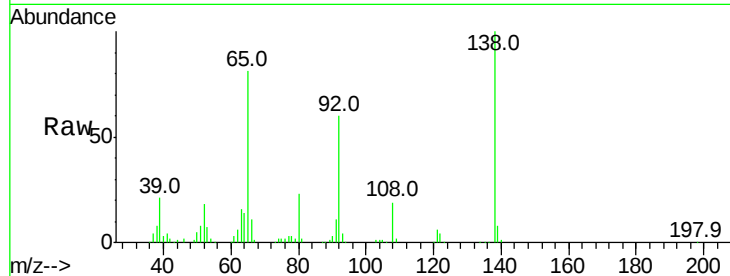
LW-01MS

Tot Ion: 65 Resp: 134454
Ion Ratio Lower Upper

65	100		
92	74.1	54.6	82.0
138	122.7	72.9	109.3

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#48

Acenaphthylene

Concen: 44.475 ng

RT: 14.48 min Scan# 1905

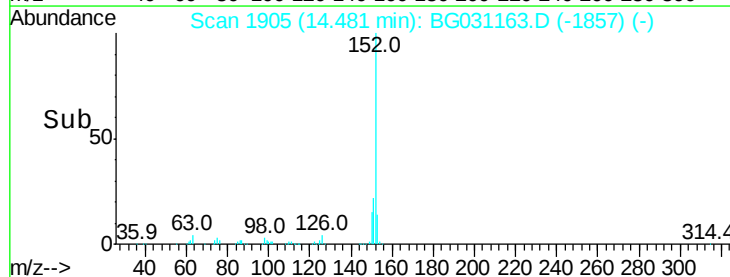
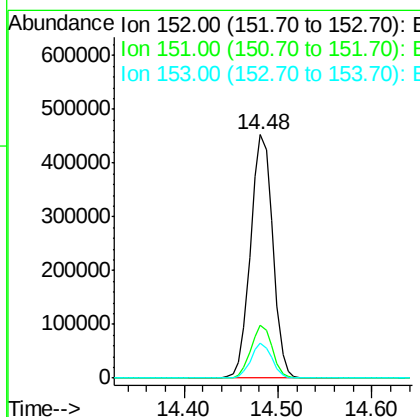
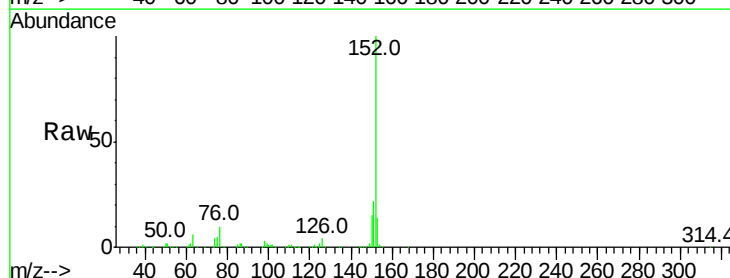
Delta R.T. -0.02 min

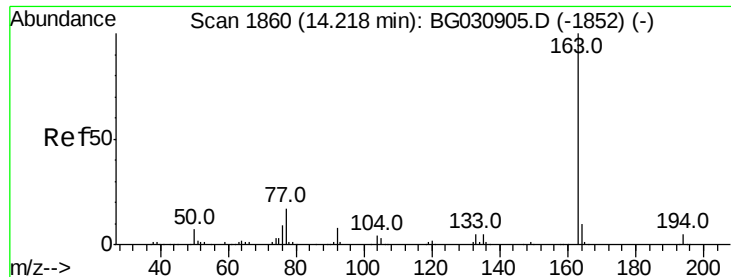
Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Tgt Ion: 152 Resp: 741869
Ion Ratio Lower Upper

152	100		
151	21.9	17.2	25.8
153	14.4	10.2	15.4





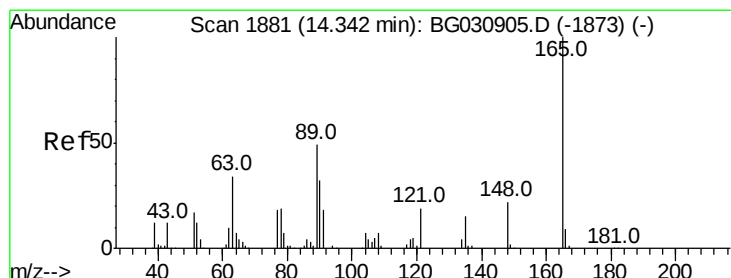
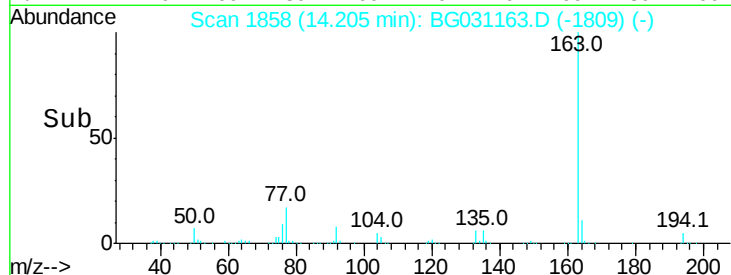
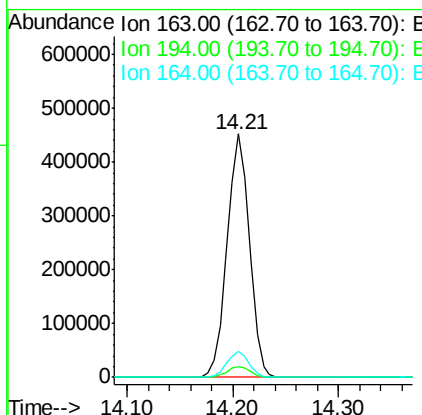
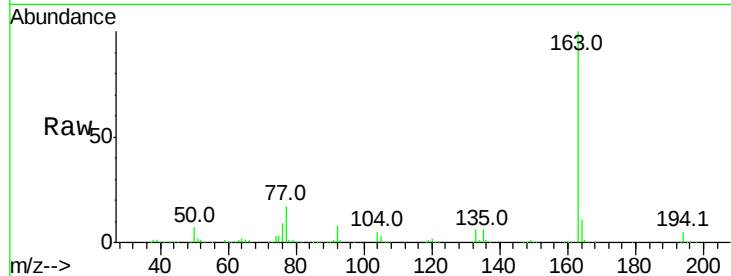
#49
Dimethylphthalate
Concen: 44.593 ng
RT: 14.21 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	656798		
194	4.6		3.4	5.2
164	10.6		8.2	12.4

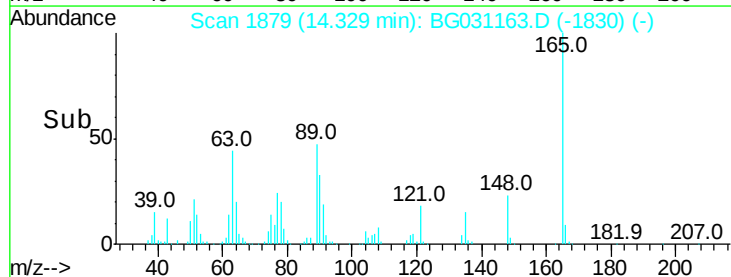
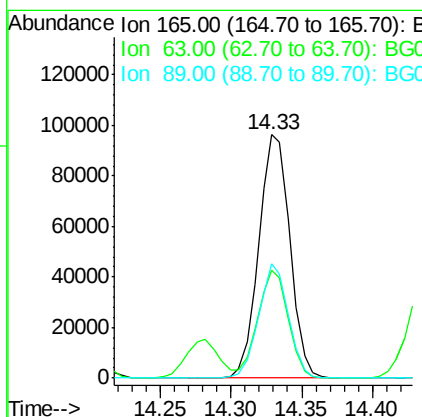
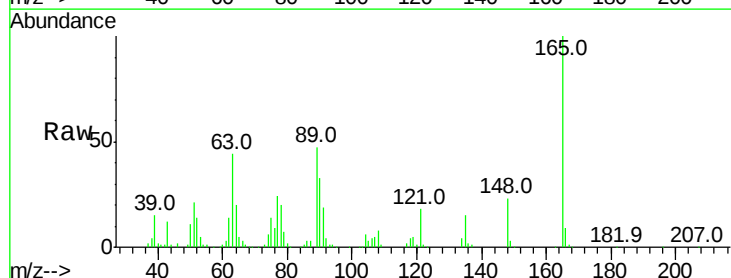
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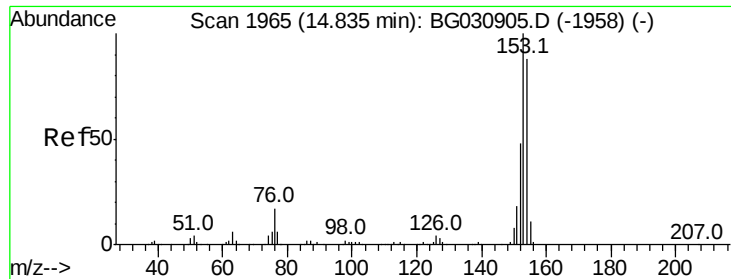
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#50
2,6-Dinitrotoluene
Concen: 49.162 ng
RT: 14.33 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	149246		
63	44.3		52.7	79.1#
89	47.1		49.2	73.8#





#51

Acenaphthene

Concen: 44.481 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Instrument :

BNA_G

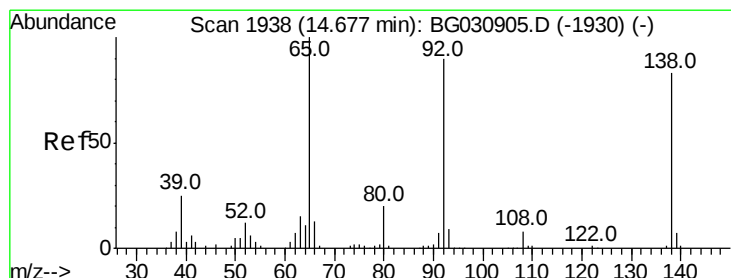
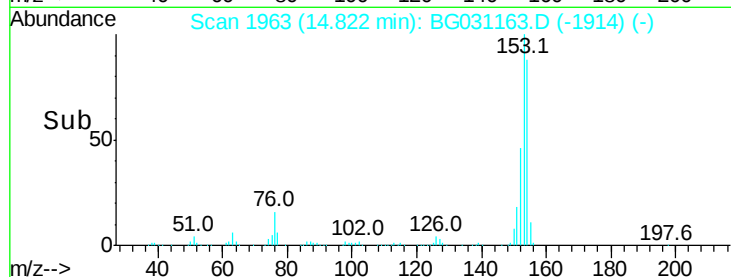
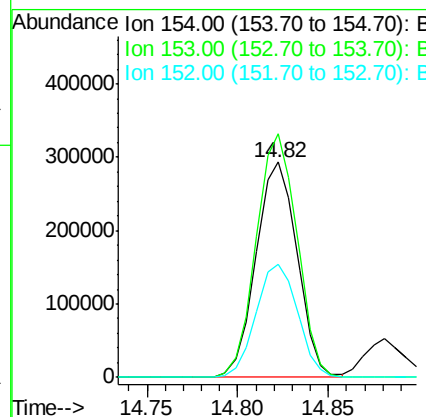
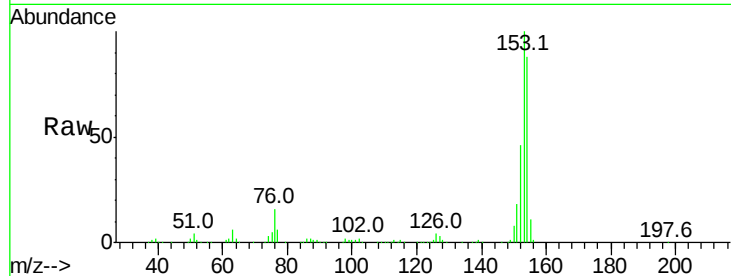
ClientSampleId :

LW-01MS

Tot Ion:	154	Resp:	463396
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.4	135.6
152	52.6	41.6	62.4

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#52

3-Nitroaniline

Concen: 35.548 ng

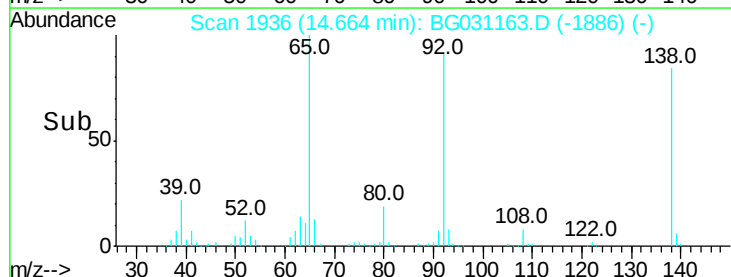
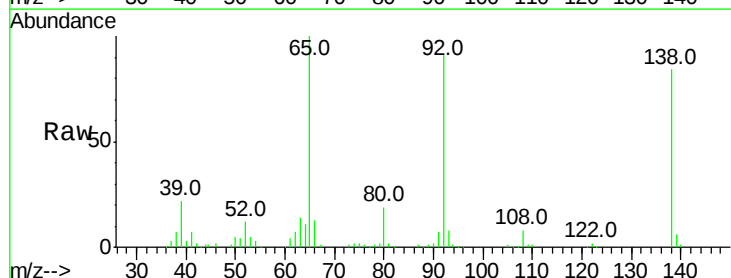
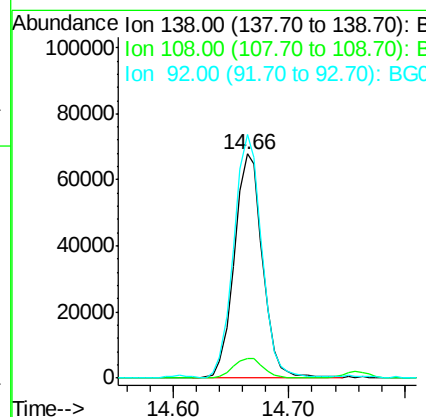
RT: 14.66 min Scan# 1936

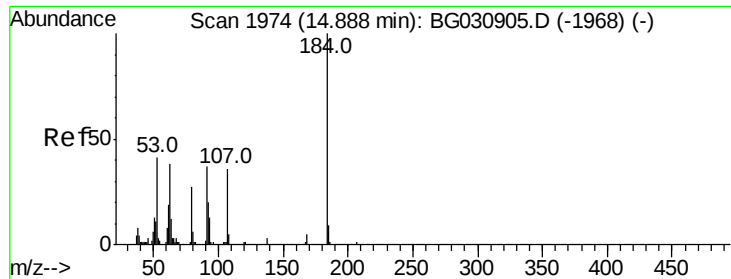
Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Tgt Ion:	138	Resp:	114586
Ion Ratio	Lower	Upper	
138	100		
108	9.0	17.5	26.3#
92	108.8	105.8	158.8





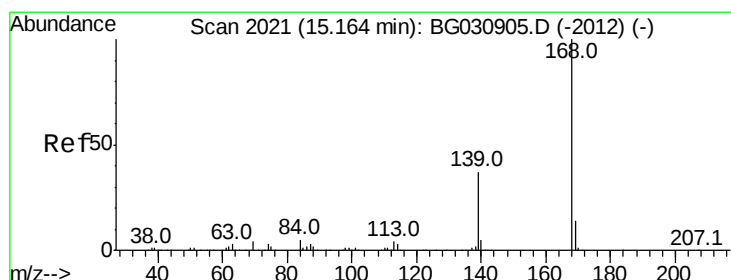
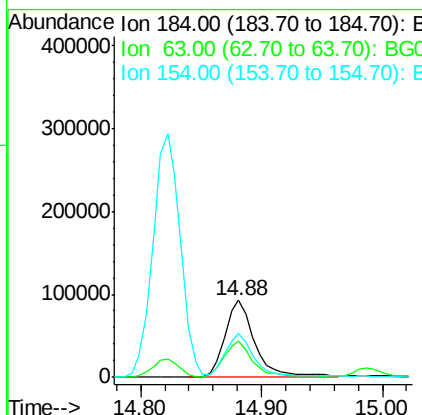
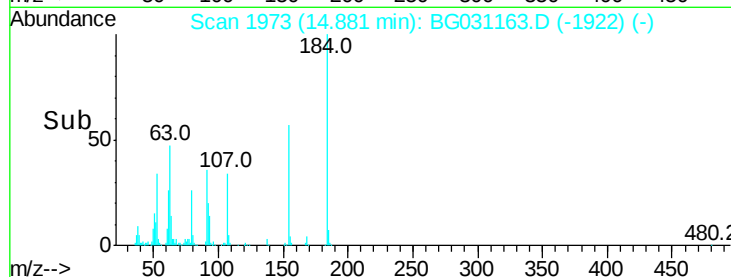
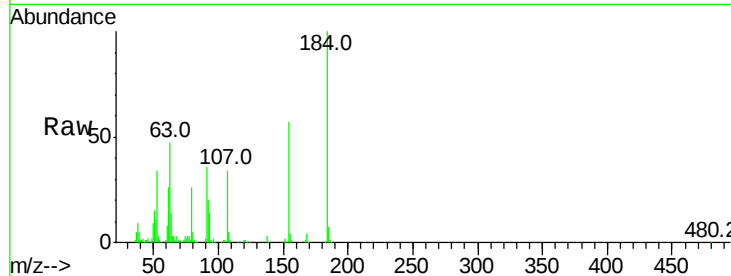
#53
2,4-Dinitrophenol
Concen: 94.726 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	47.1	59.8	89.8#
154	56.6	101.8	152.8#

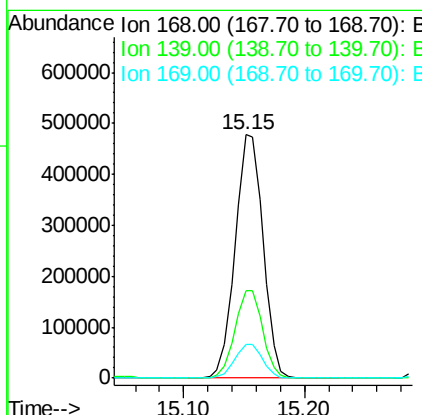
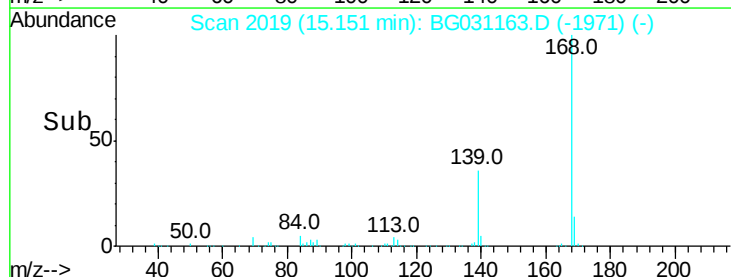
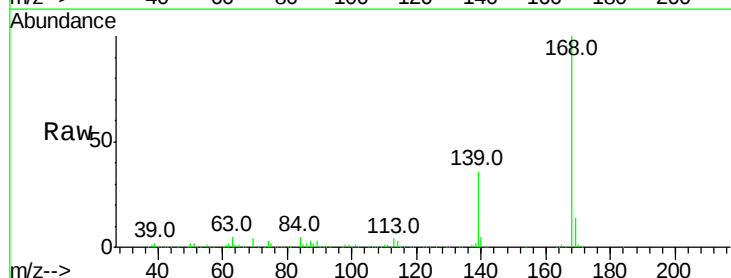
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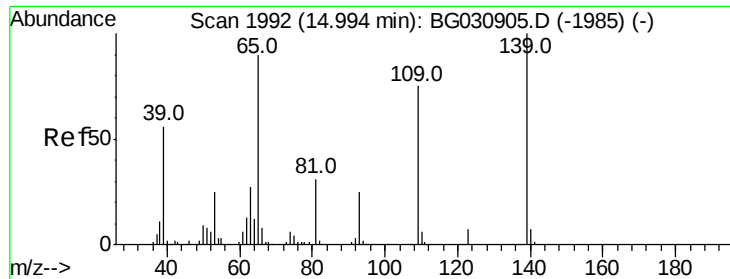
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#54
Dibenzofuran
Concen: 46.332 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.6	43.0
169	13.8	11.2	16.8





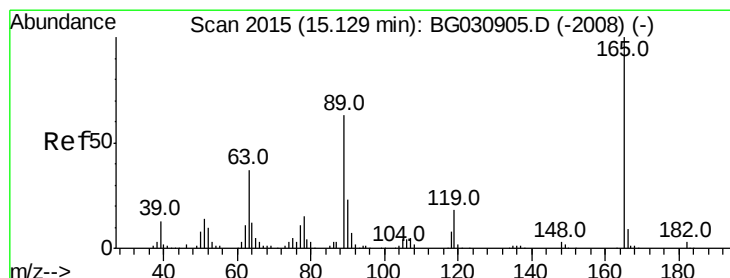
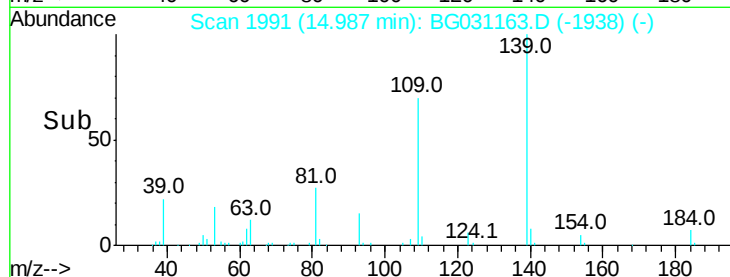
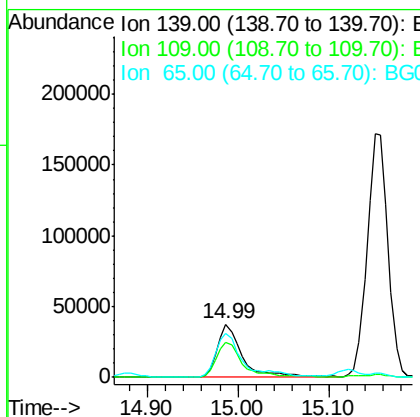
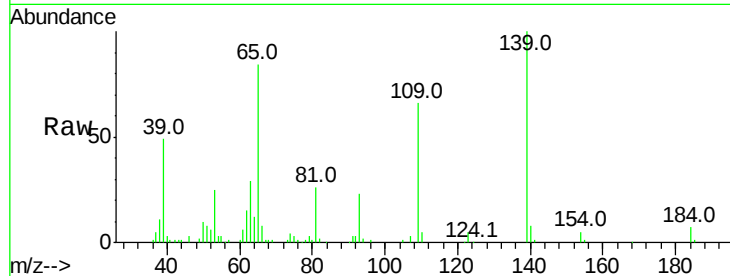
#55
4-Nitrophenol
Concen: 31.493 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion:139 Resp: 72313
Ion Ratio Lower Upper
139 100
109 65.7 62.2 102.2
65 83.9 97.2 137.2#

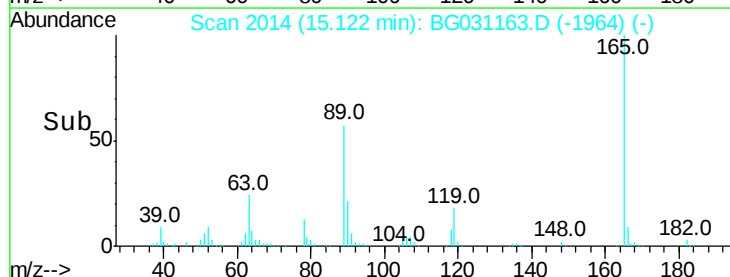
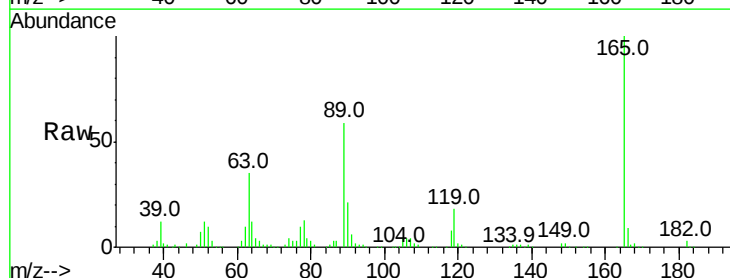
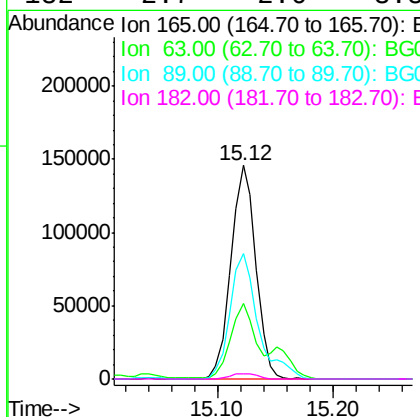
Manual Integrations
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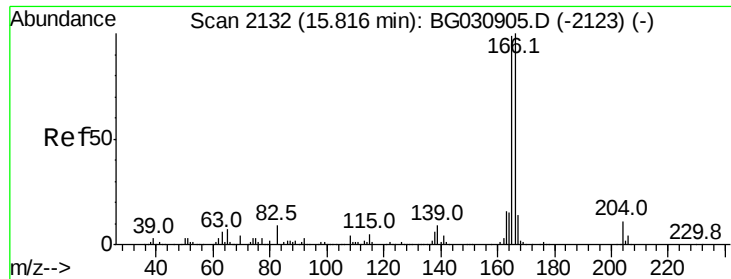
Sohil
11/22/2017 4:35:25 PM



#56
2,4-Dinitrotoluene
Concen: 49.362 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion:165 Resp: 216637
Ion Ratio Lower Upper
165 100
63 35.2 42.0 63.0#
89 58.7 66.9 100.3#
182 2.7 2.6 3.8





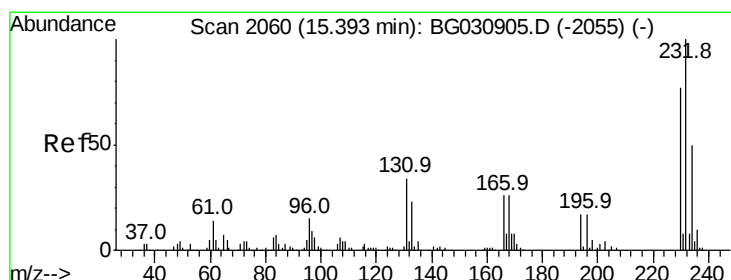
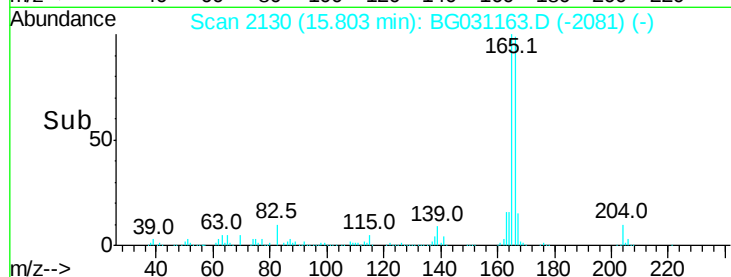
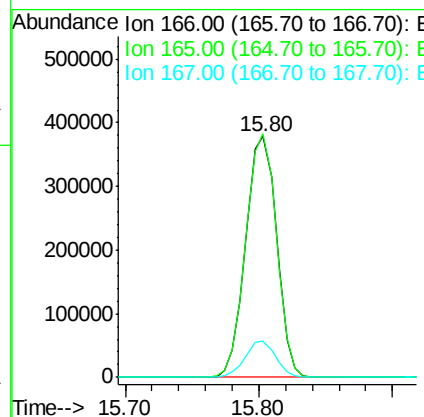
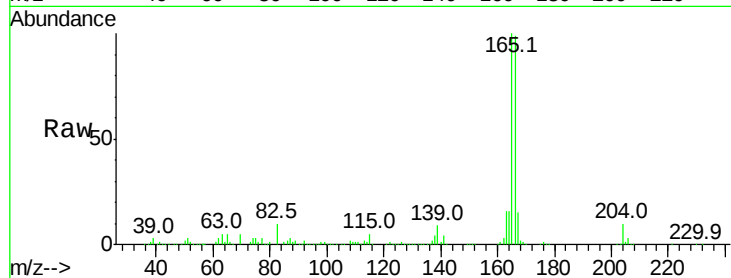
#57
Fluorene
Concen: 44.951 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	605567		
165	101.1	80.6	121.0	
167	15.0	10.4	15.6	

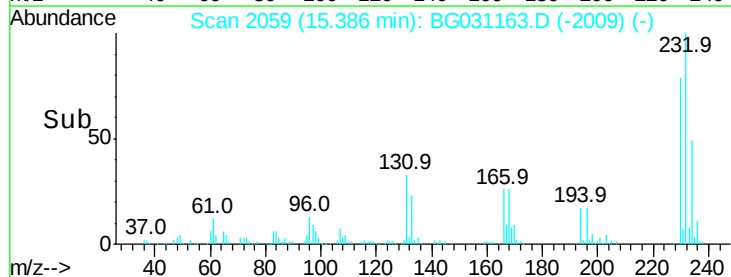
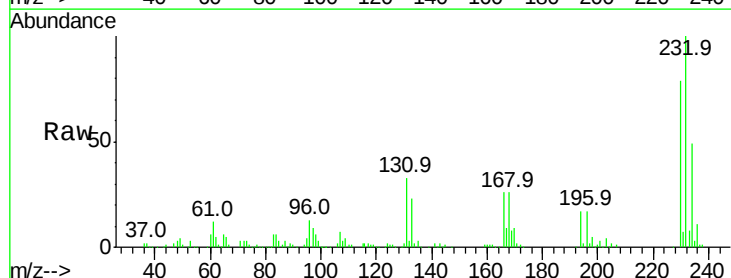
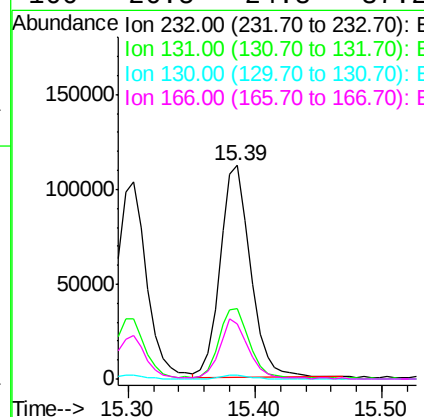
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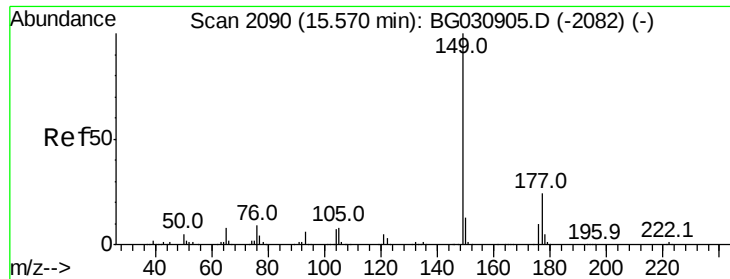
Sohil
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#58
2,3,4,6-Tetrachlorophenol
Concen: 46.405 ng
RT: 15.39 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	187027		
131	32.8	33.5	50.3#	
130	1.8	2.2	3.2#	
166	26.5	24.8	37.2	





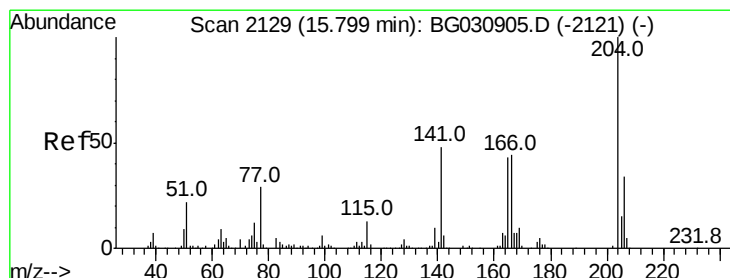
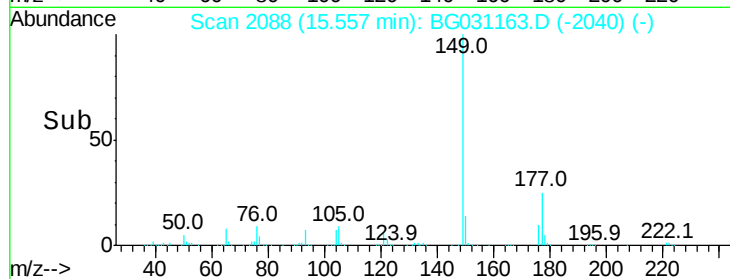
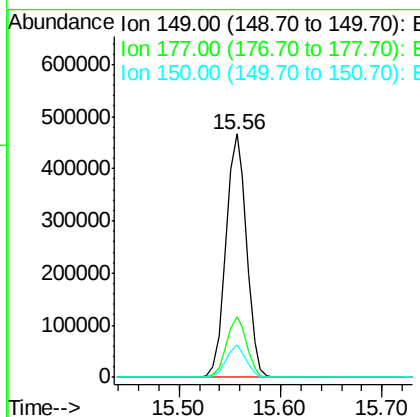
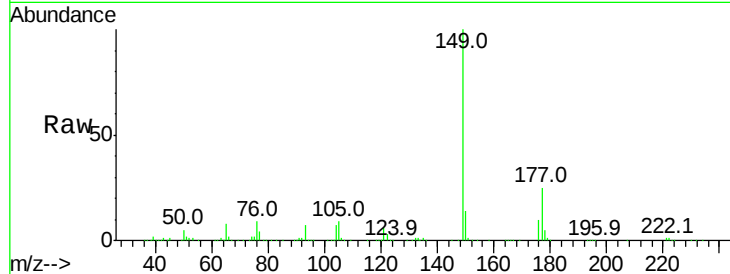
#59
Diethylphthalate
Concen: 43.778 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	654960		
177	24.7	18.5	27.7	
150	13.5	10.2	15.2	

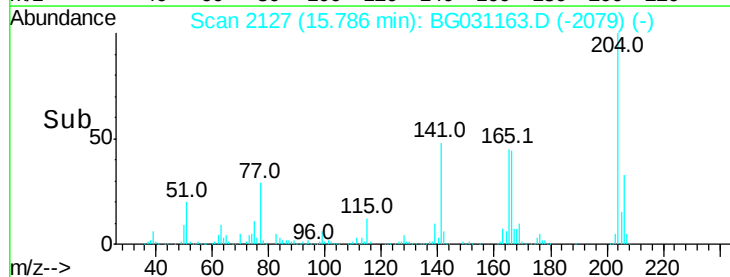
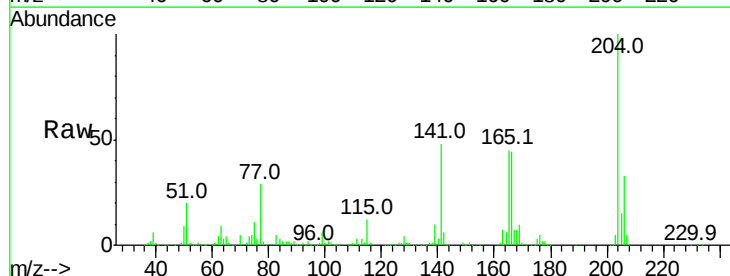
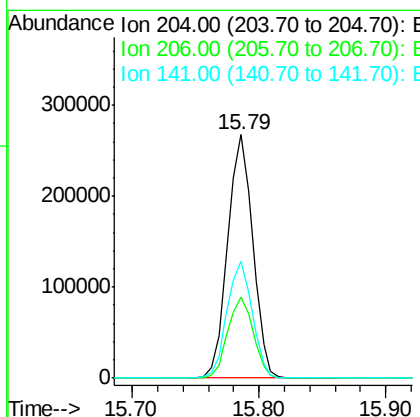
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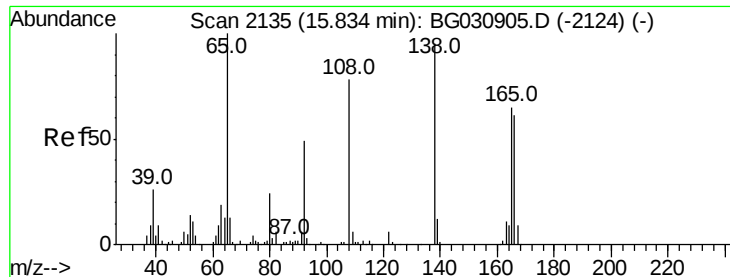
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#60
4-Chlorophenyl-phenylether
Concen: 44.794 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	364452		
206	33.2	26.2	39.2	
141	48.3	45.8	68.6	





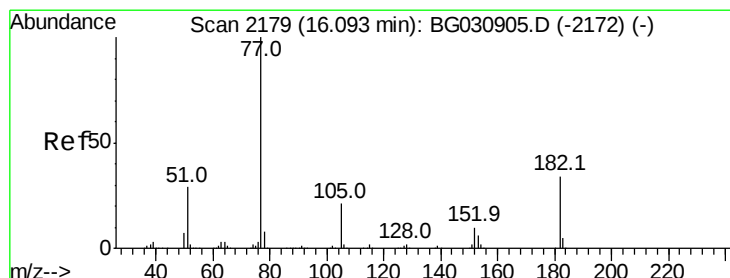
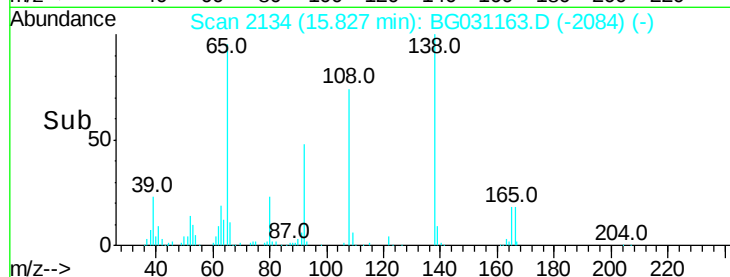
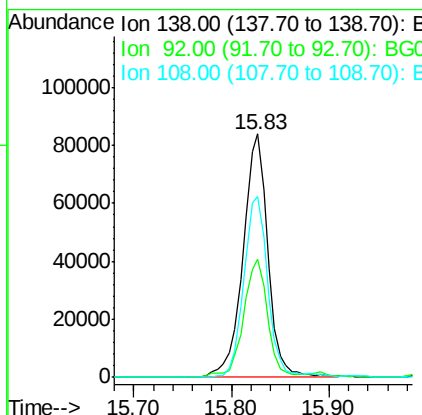
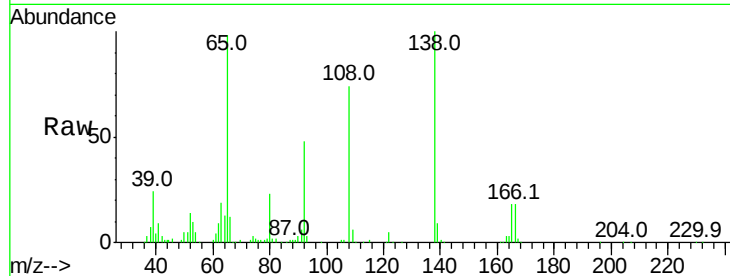
#61
4-Nitroaniline
Concen: 43.900 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.4	40.1	80.1
108	74.3	65.4	105.4

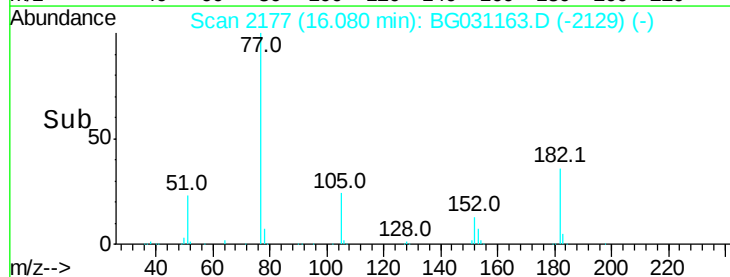
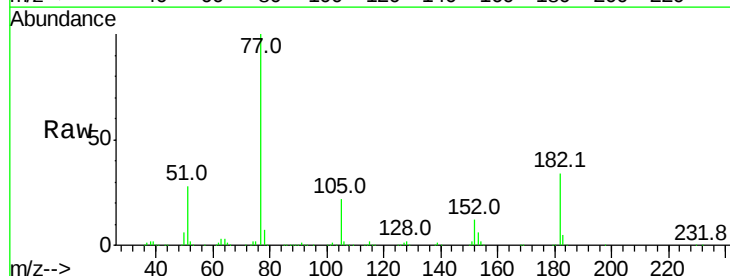
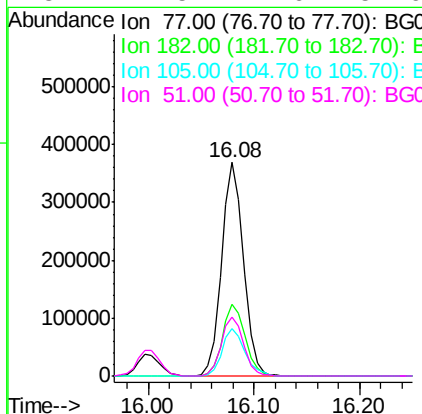
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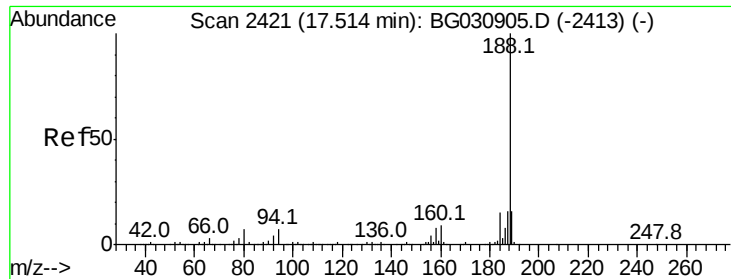
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#62
Azobenzene
Concen: 46.483 ng
RT: 16.08 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.6	7.4	47.4
105	21.9	0.3	40.3
51	27.5	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Instrument :

BNA_G

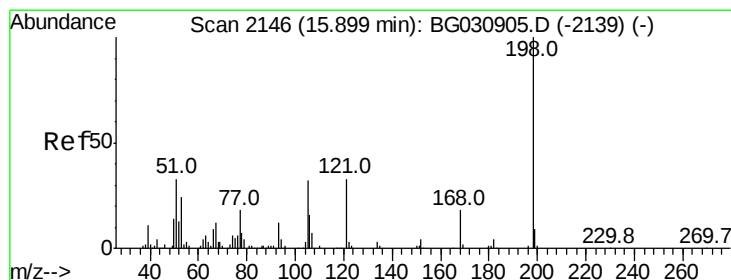
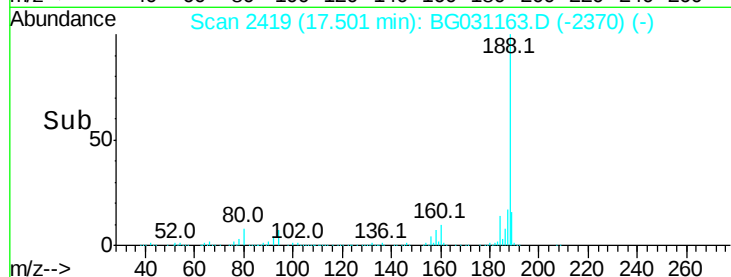
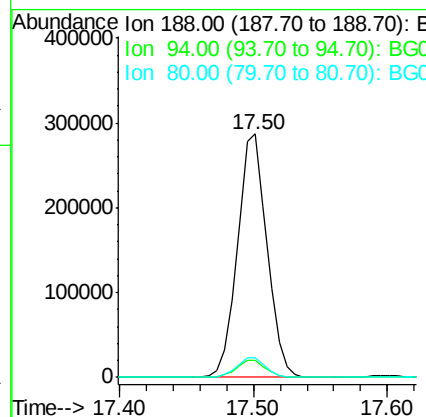
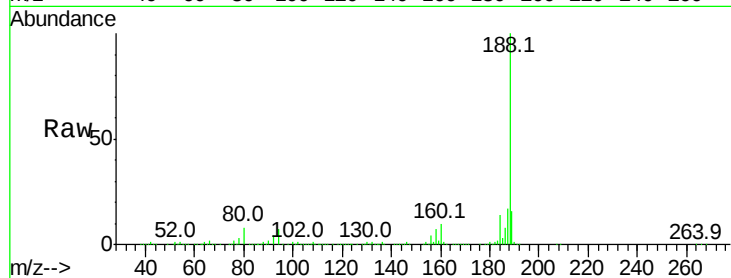
ClientSampleId :

LW-01MS

Tot Ion:	188	Resp:	440209
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.9	10.3
80	7.8	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 41.330 ng

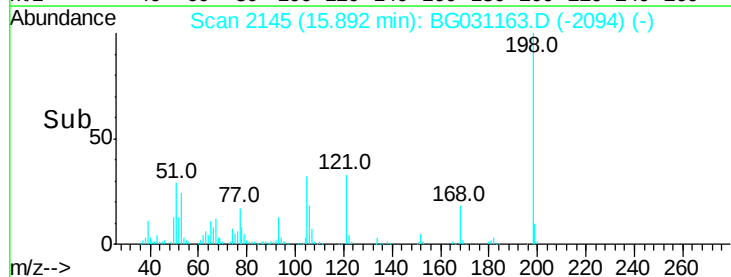
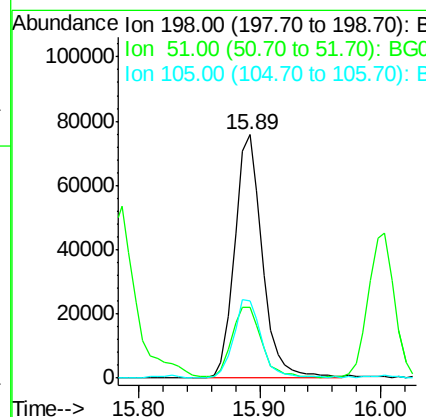
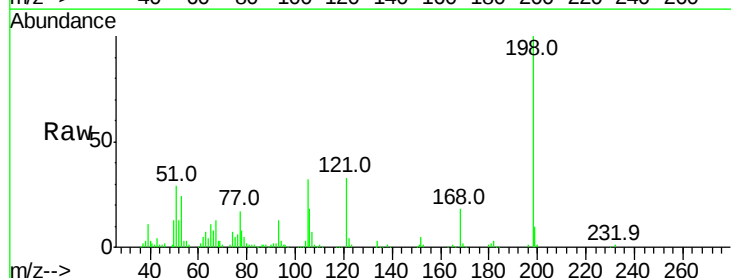
RT: 15.89 min Scan# 2145

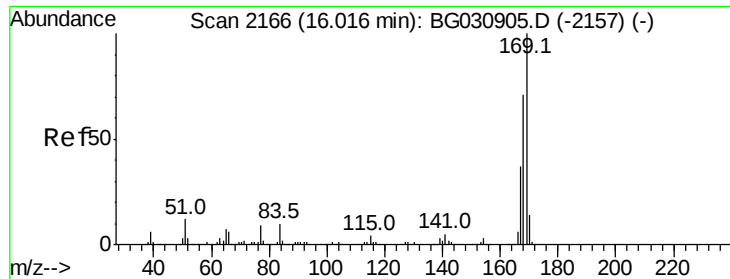
Delta R.T. 0.00 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Tgt Ion:	198	Resp:	120933
Ion Ratio	Lower	Upper	
198	100		
51	29.0	30.6	70.6#
105	31.9	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 42.825 ng

RT: 16.00 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Instrument :

BNA_G

ClientSampleId :

LW-01MS

Tot Ion:169 Resp: 571263

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

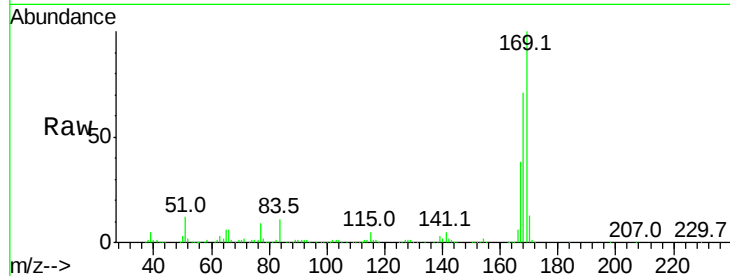
167 38.1 30.1 45.1

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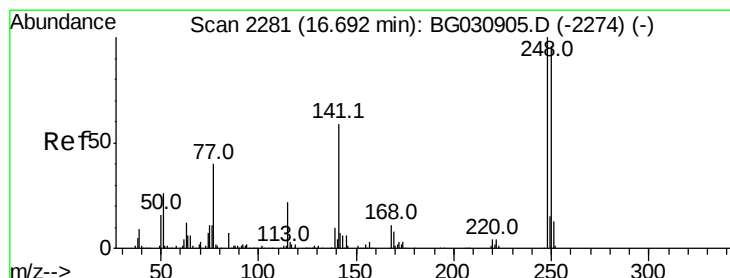
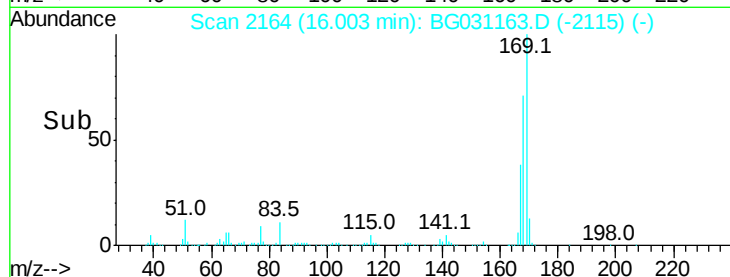
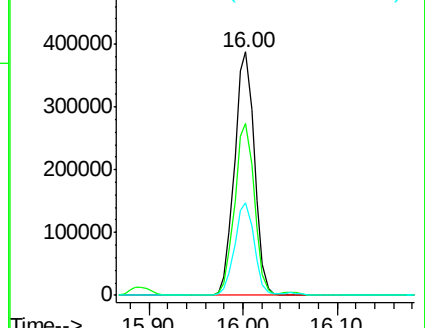
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.298 ng

RT: 16.68 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

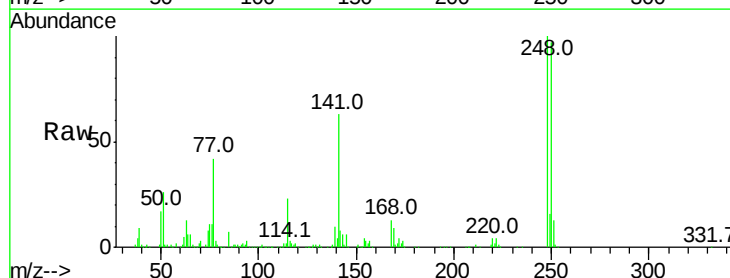
Tgt Ion:248 Resp: 241403

Ion Ratio Lower Upper

248 100

250 97.2 77.1 115.7

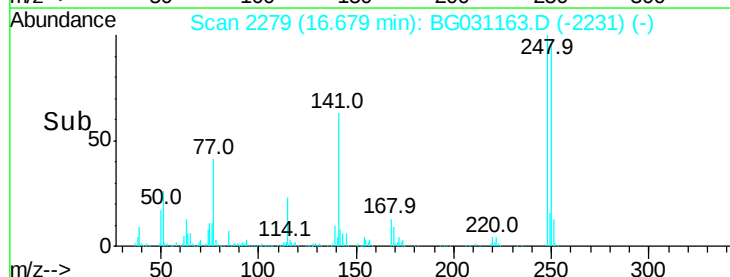
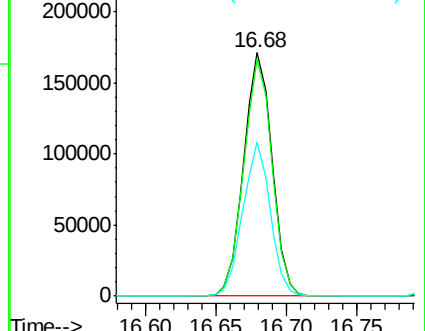
141 63.3 50.8 76.2

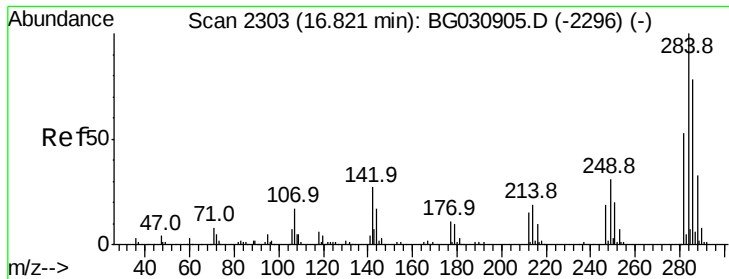


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.637 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Instrument :

BNA_G

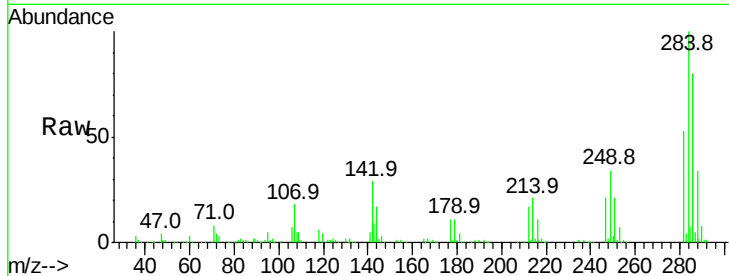
ClientSampleId :

LW-01MS

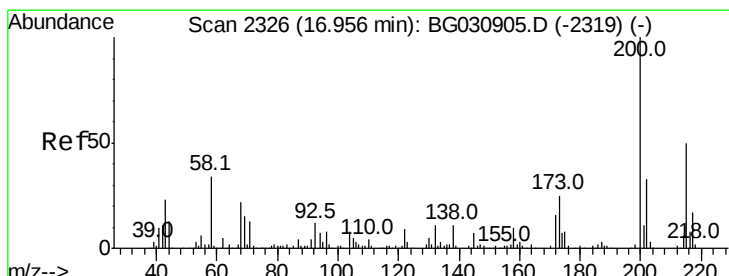
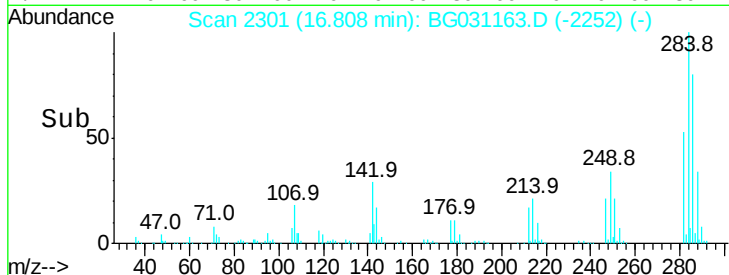
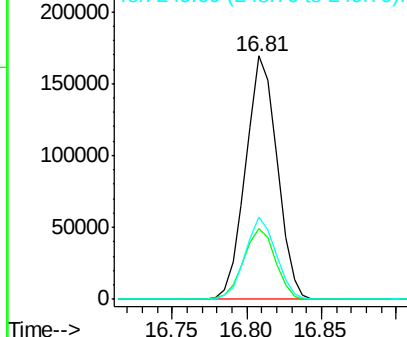
Tot Ion:	284	Resp:	246666
Ion Ratio	Lower	Upper	
284	100		
142	29.2	26.8	40.2
249	33.6	26.3	39.5

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.759 ng

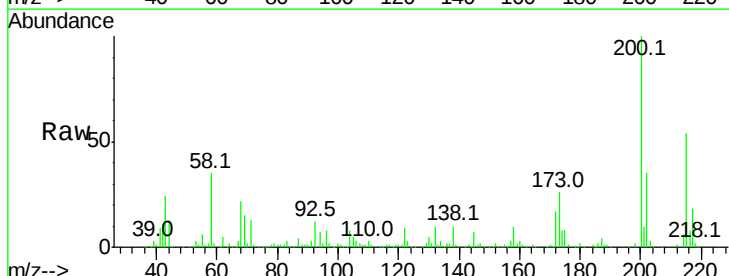
RT: 16.94 min Scan# 2324

Delta R.T. -0.01 min

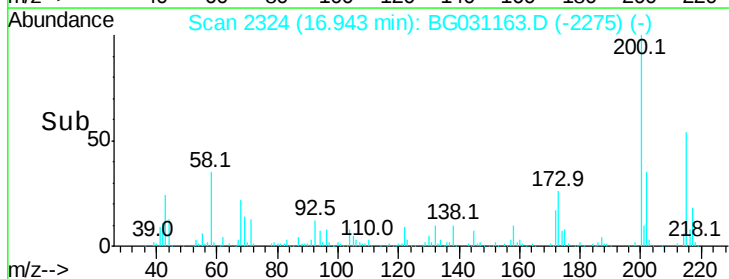
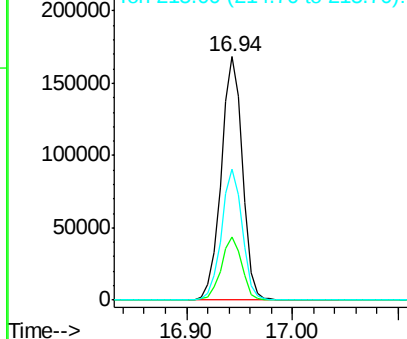
Lab File: BG031163.D

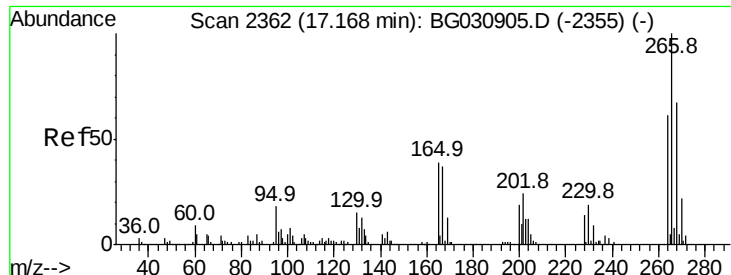
Acq: 21 Nov 2017 21:43

Tgt Ion:	200	Resp:	235337
Ion Ratio	Lower	Upper	
200	100		
173	25.9	5.2	45.2
215	53.6	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





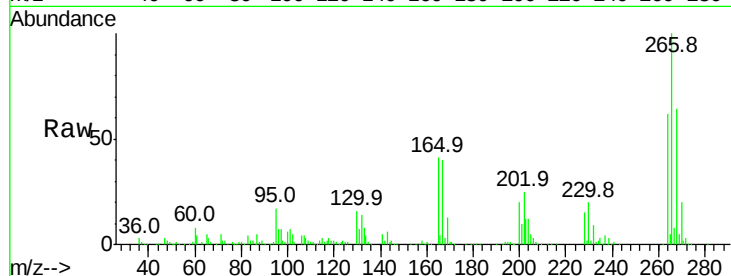
#69
 Pentachlorophenol
 Concen: 74.351 ng
 RT: 17.15 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 LW-01MS

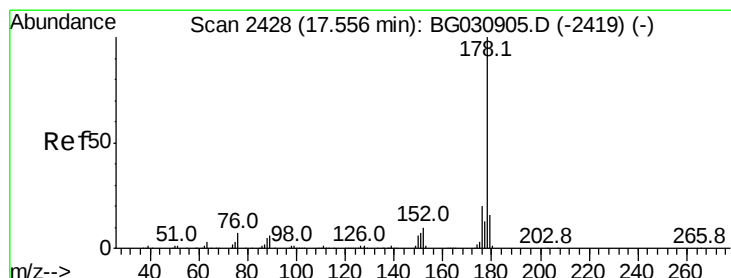
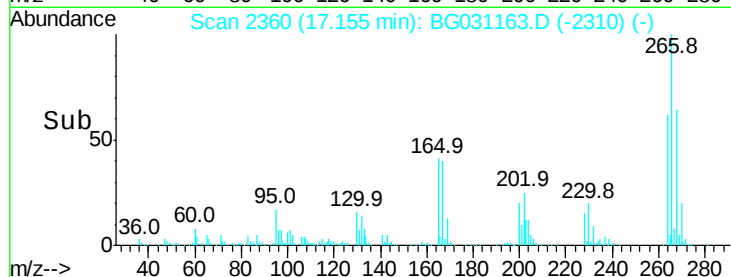
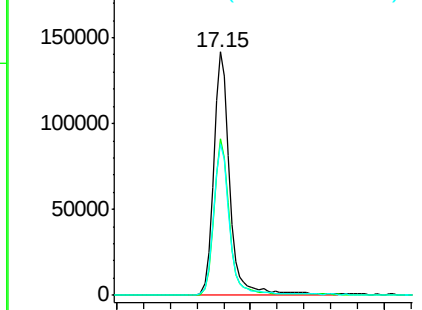
Tot Ion	Ratio	Resp	Lower	Upper
266	100	243480		
268	64.4	51.1	76.7	
264	62.0	49.6	74.4	

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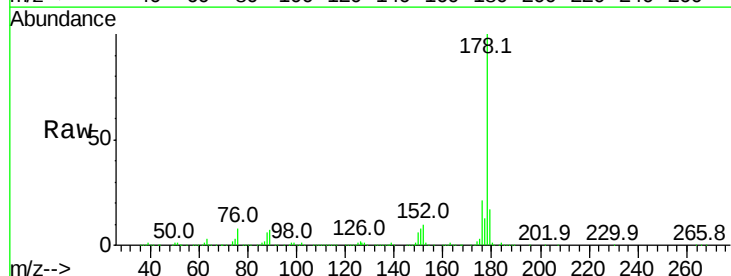


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

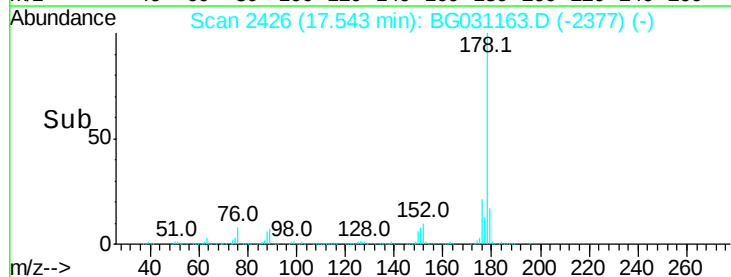
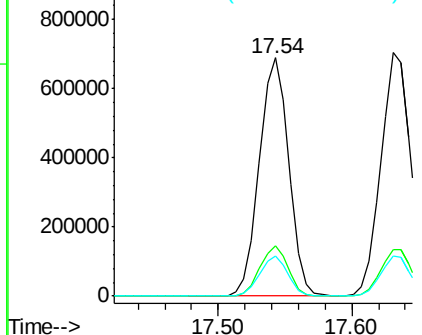


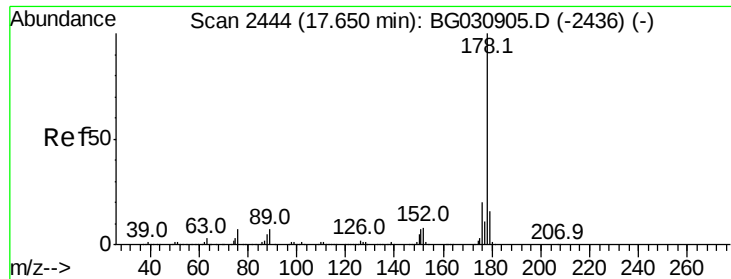
#70
 Phenanthrene
 Concen: 45.815 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1050090		
176	21.2	15.7	23.5	
179	16.9	12.5	18.7	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





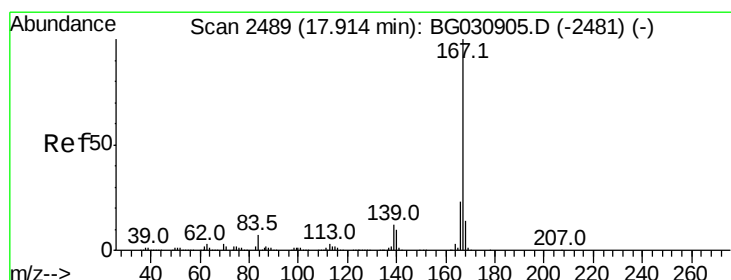
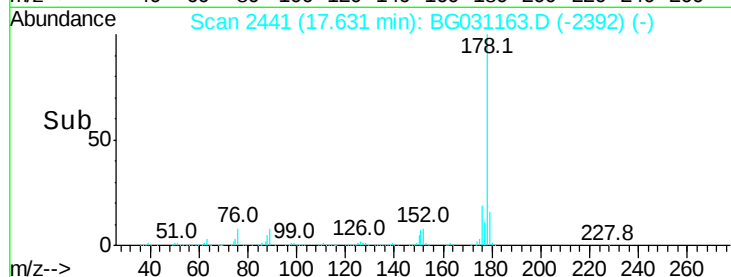
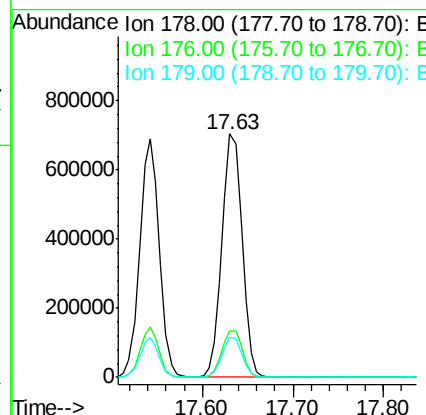
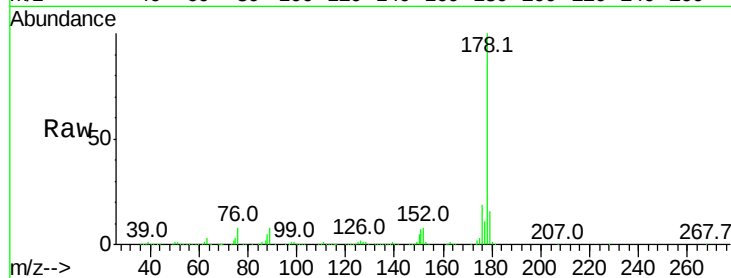
#71
 Anthracene
 Concen: 47.519 ng
 RT: 17.63 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 LW-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	16.4	12.5	18.7

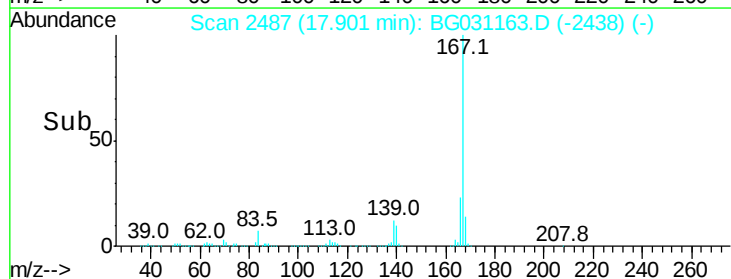
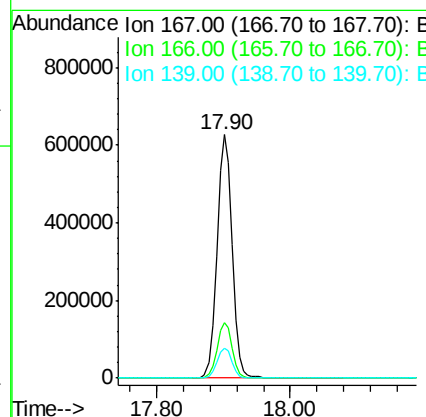
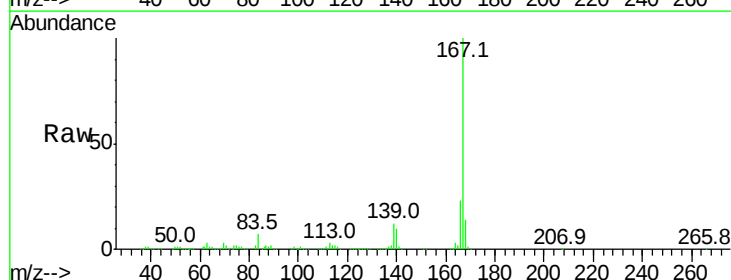
Manual Integrations
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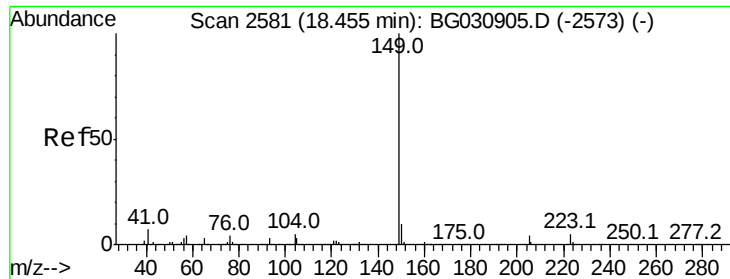
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#72
 Carbazole
 Concen: 46.276 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	12.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.999 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Instrument :

BNA_G

ClientSampleId :

LW-01MS

Tot Ion:149 Resp: 1162533

Ion Ratio Lower Upper

149 100

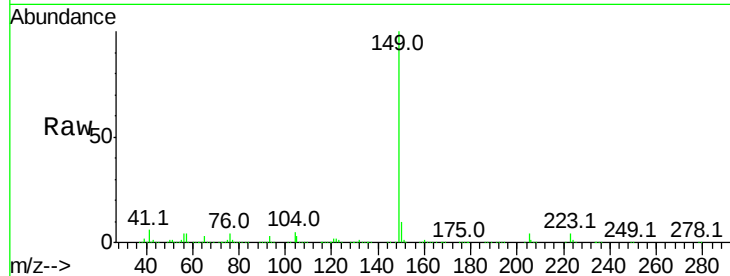
150 10.1 7.8 11.6

104 5.1 3.9 5.9

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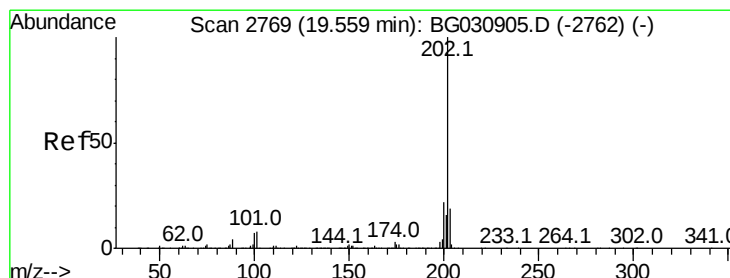
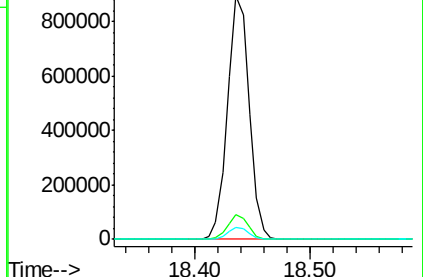
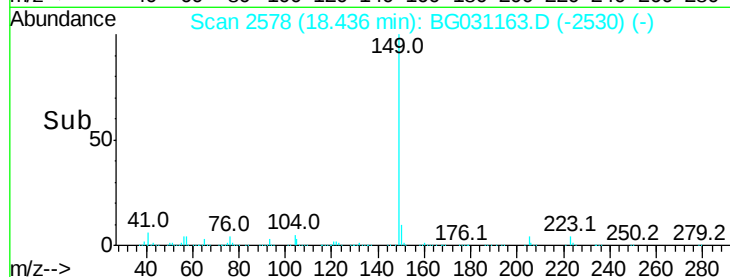
11/22/2017 4:35:25 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.711 ng

RT: 19.55 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

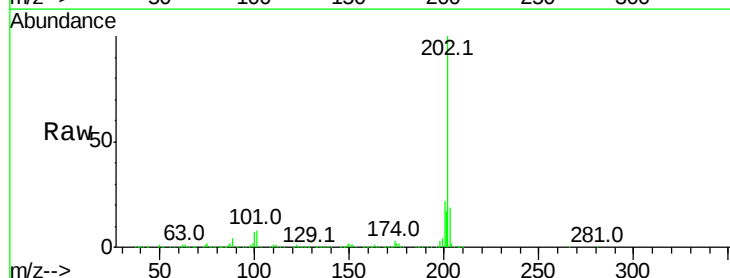
Tgt Ion:202 Resp: 1384601

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.9

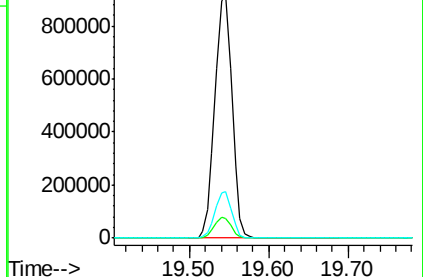
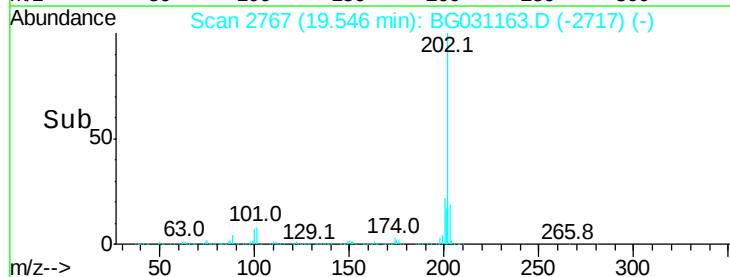
203 19.3 0.0 37.5

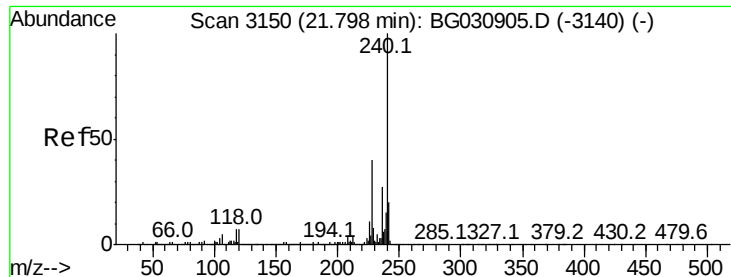


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Instrument :

BNA_G

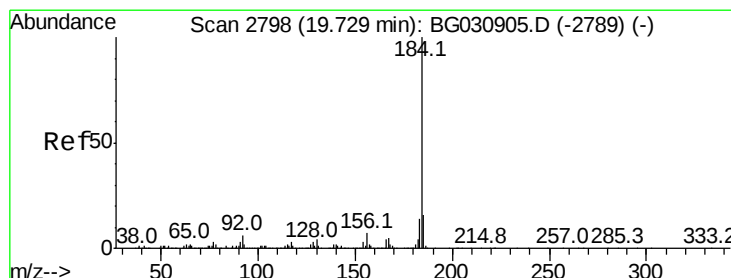
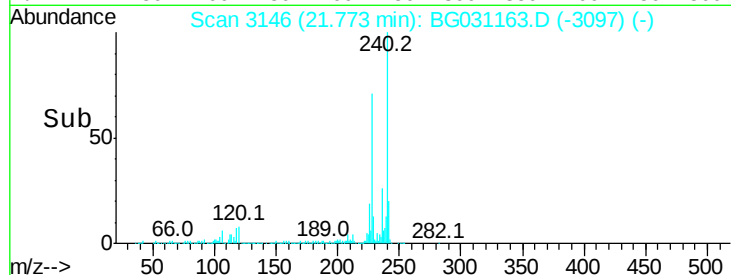
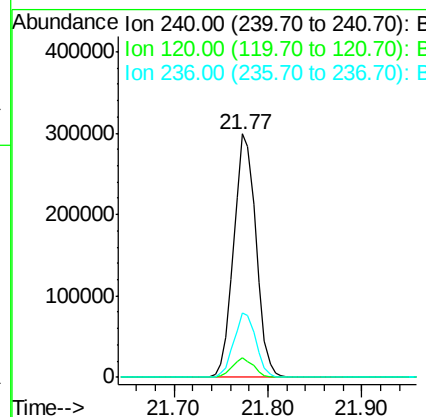
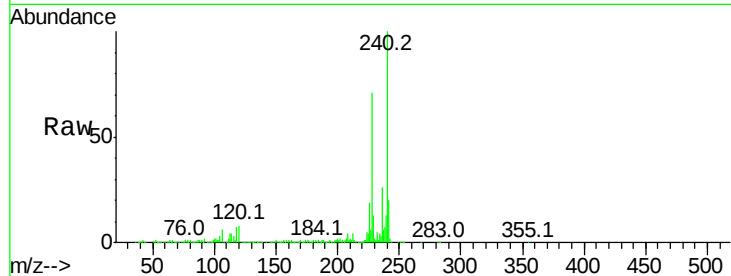
ClientSampleId :

LW-01MS

Tot Ion:	240	Resp:	493096
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.8	10.2
236	26.4	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 32.732 ng

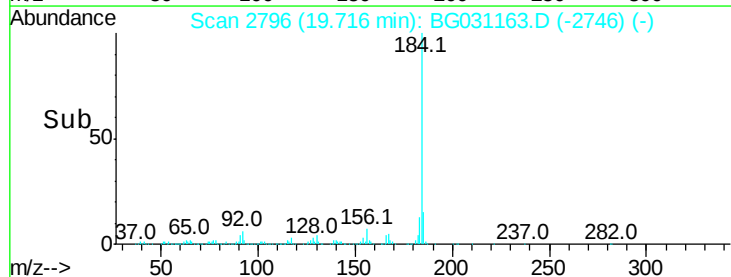
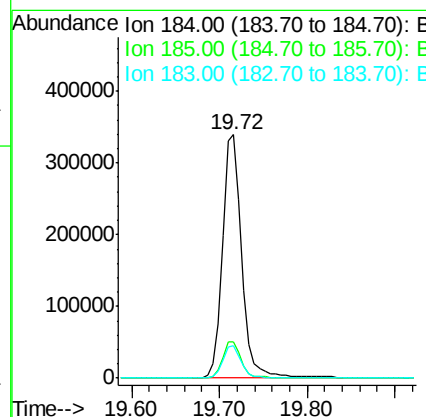
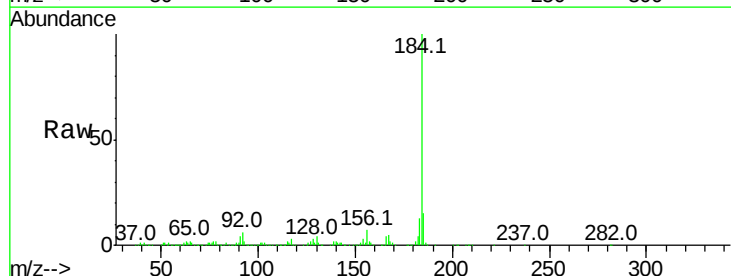
RT: 19.72 min Scan# 2796

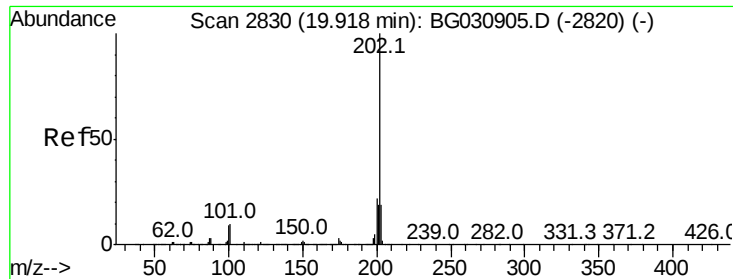
Delta R.T. -0.01 min

Lab File: BG031163.D

Acq: 21 Nov 2017 21:43

Tgt Ion:	184	Resp:	518449
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.1	16.7
183	13.4	10.6	16.0





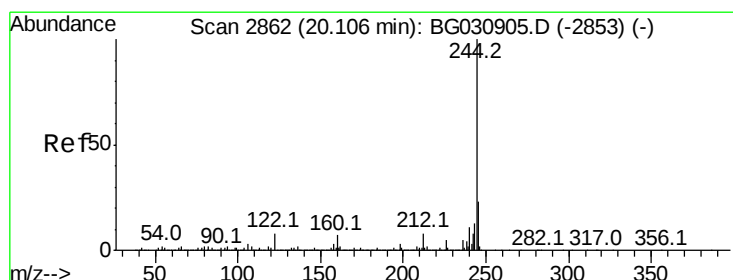
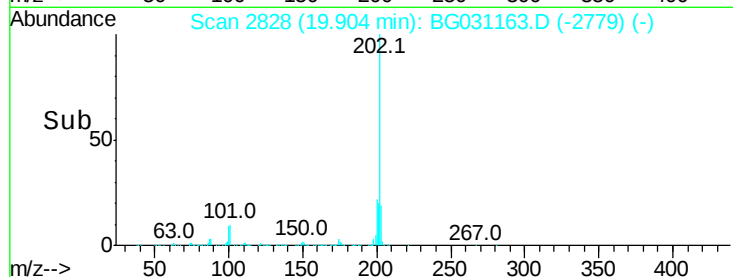
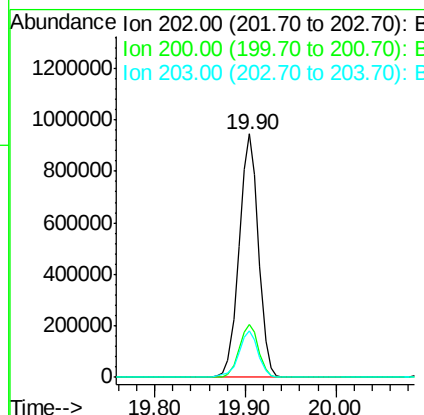
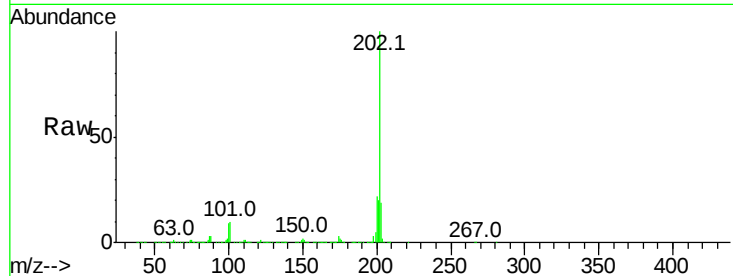
#77
Pvrene
Concen: 48.044 ng
RT: 19.90 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	19.1	13.9	20.9

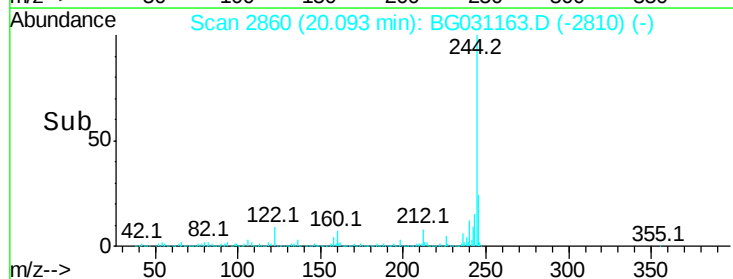
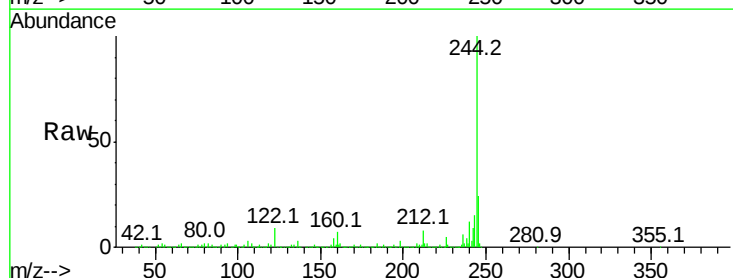
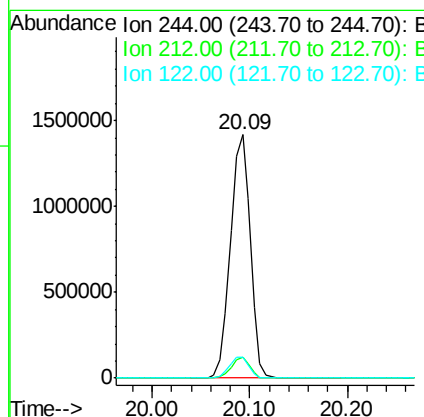
Manual Integrations
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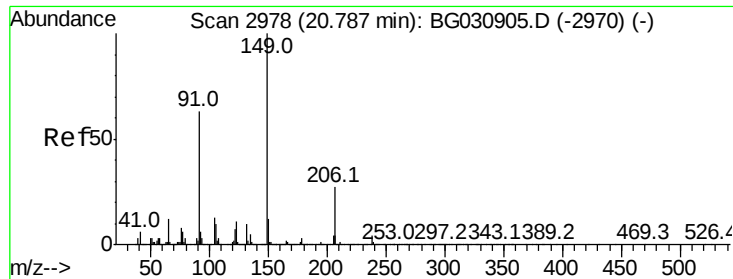
Sohil
11/22/2017 4:35:25 PM



#78
Terphenyl-d14
Concen: 89.127 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	8.6	7.0	10.4





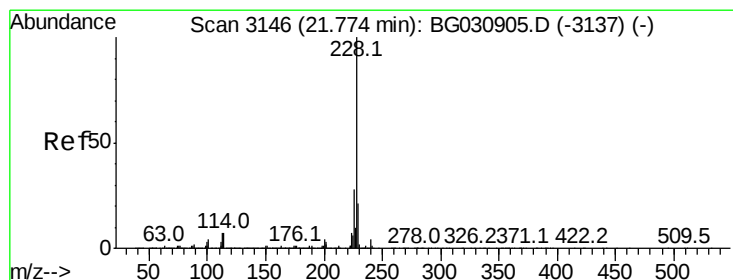
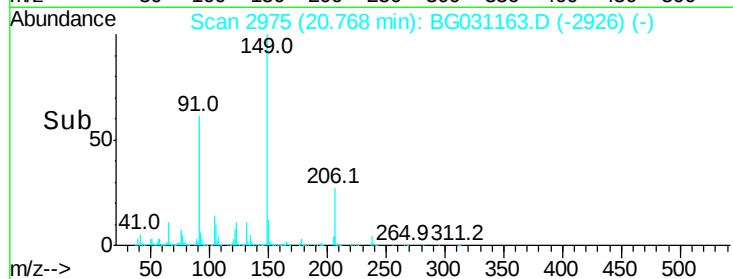
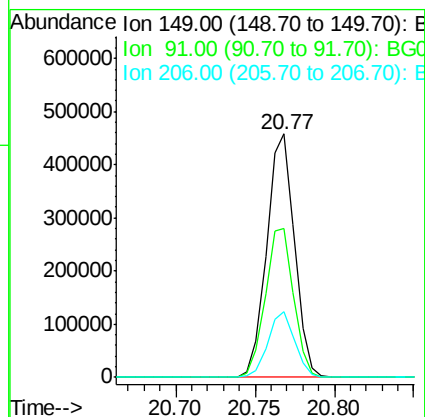
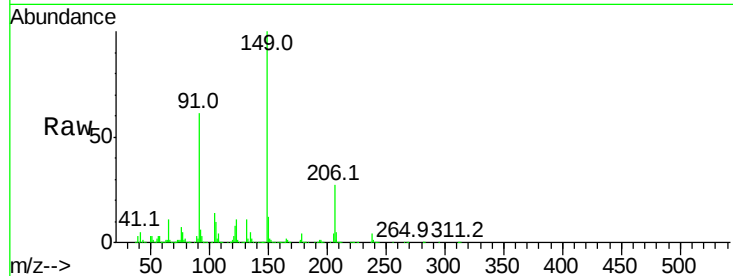
#79
Butylbenzylphthalate
Concen: 48.001 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	61.0	62.2	93.2#	
206	27.1	18.6	27.8	

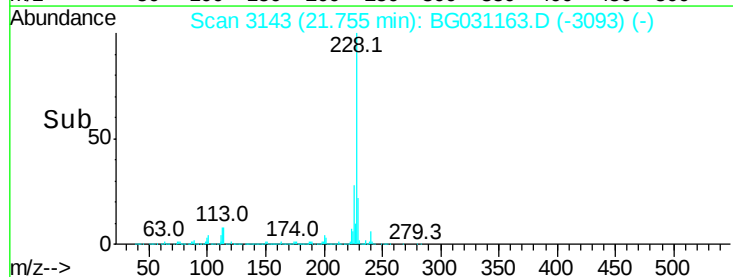
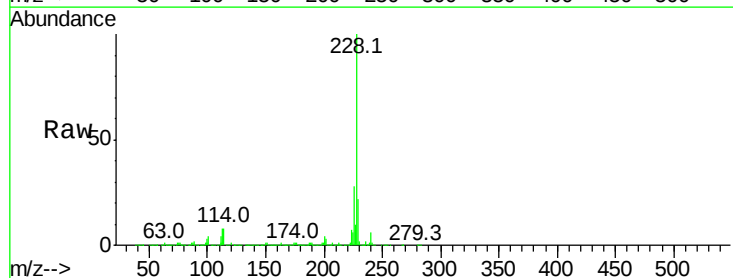
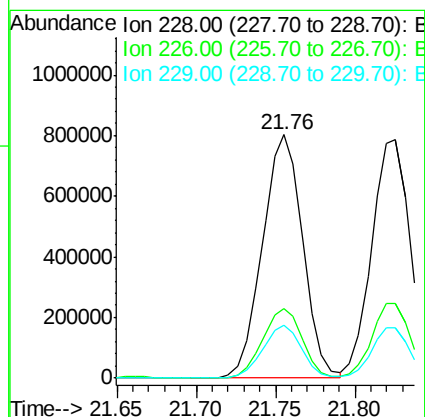
Manual Integrations
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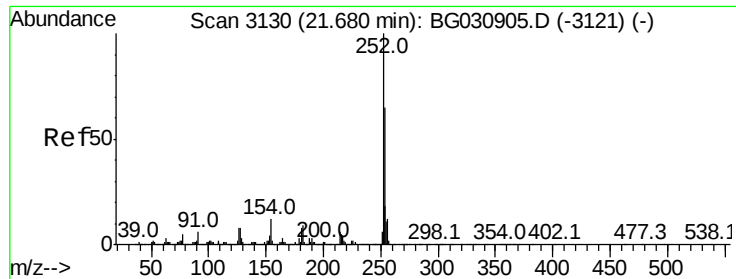
Sohil
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#80
Benzo(a)anthracene
Concen: 46.146 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.5	22.7	34.1	
229	21.7	16.2	24.2	





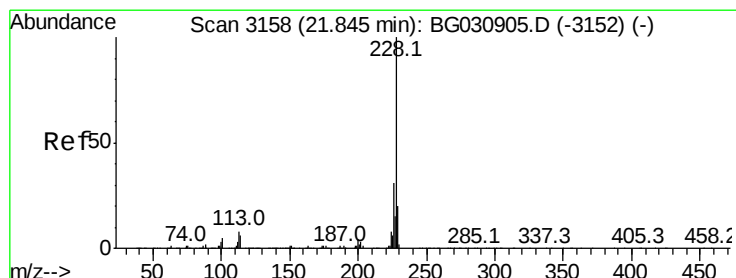
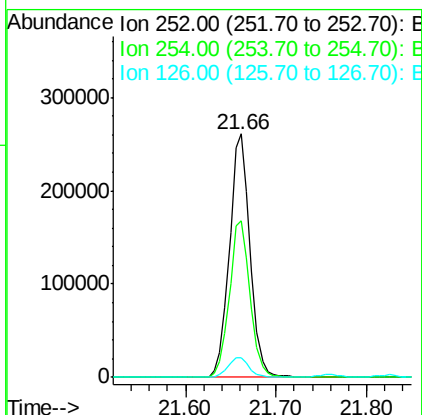
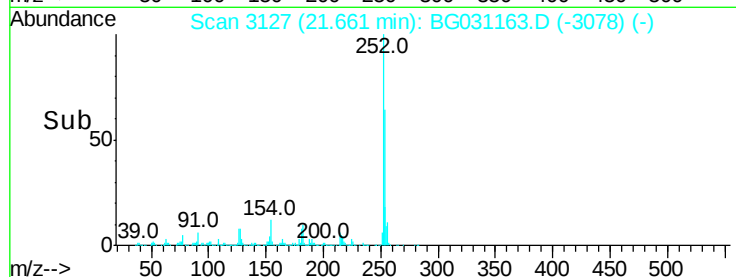
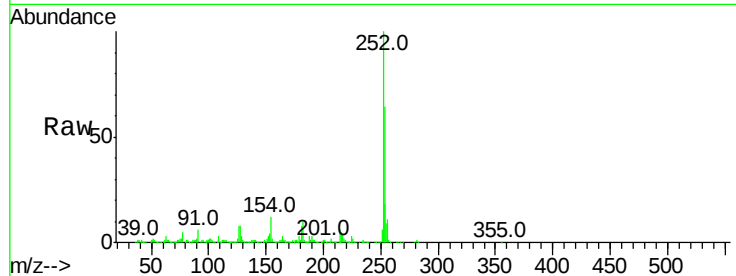
#81
 3,3'-Dichlorobenzidine
 Concen: 33.412 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 LW-01MS

Tot Ion:	252	Resp:	413106
Ion Ratio	Lower	Upper	
252	100		
254	64.5	50.8	76.2
126	7.8	7.4	11.2

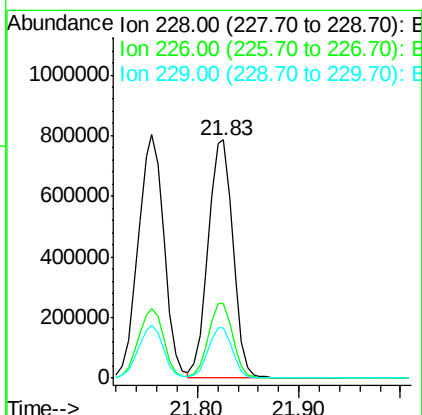
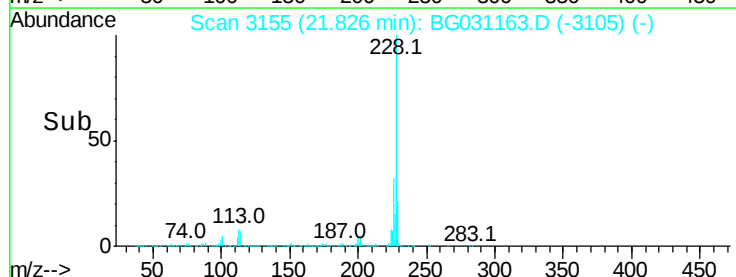
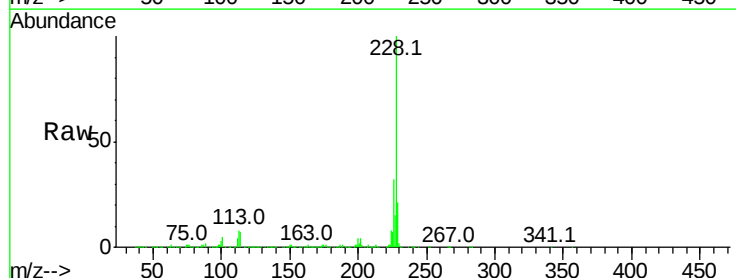
Manual Integrations
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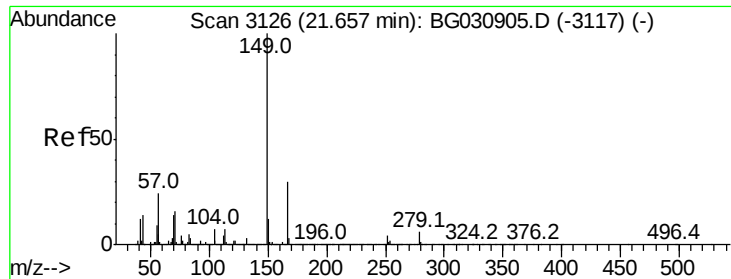
Sohil
 11/22/2017 4:35:25 PM



#82
 Chrysene
 Concen: 46.924 ng
 RT: 21.83 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Tgt Ion:	228	Resp:	1329510
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.9	37.3
229	21.3	15.0	22.4





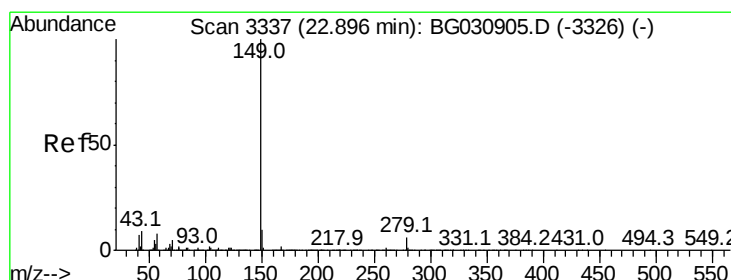
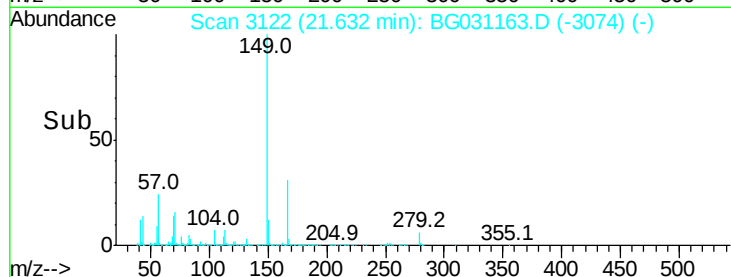
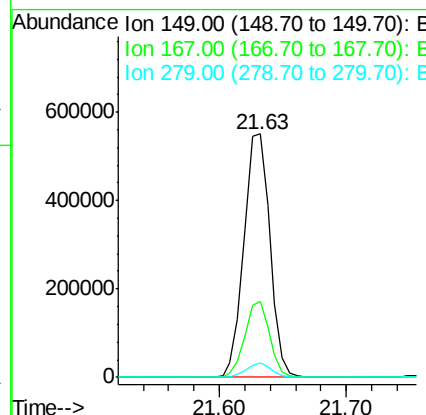
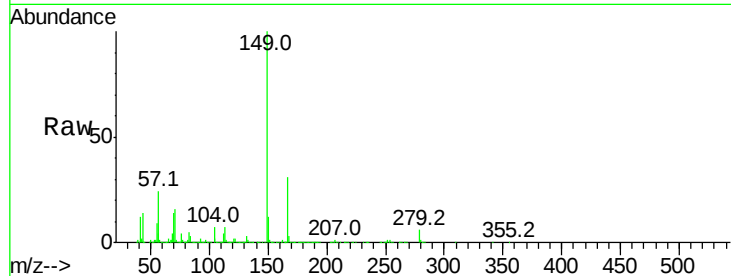
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.278 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.02 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 LW-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.3	36.5
279	5.8	4.0	6.0

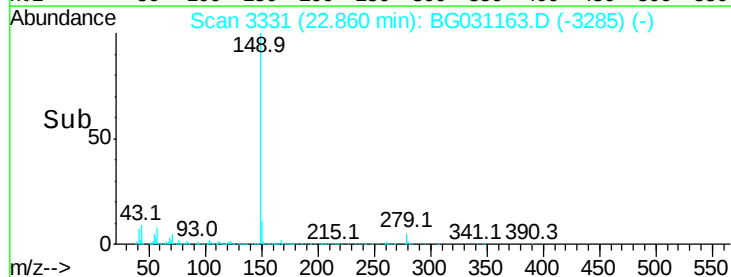
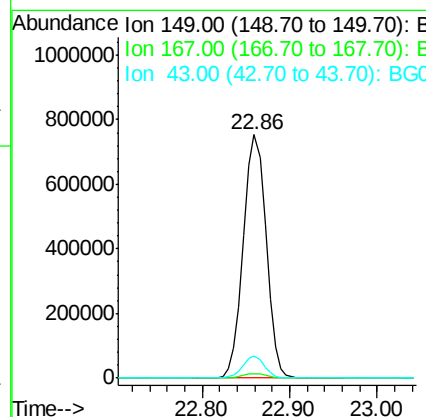
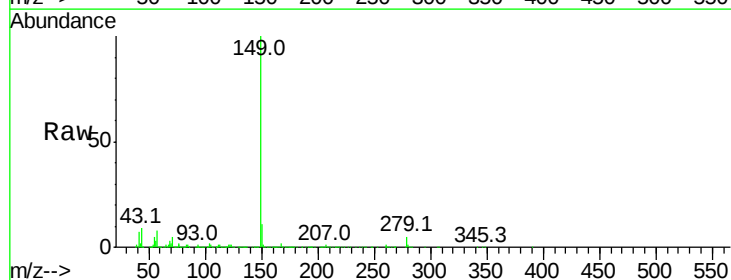
Manual Integrations
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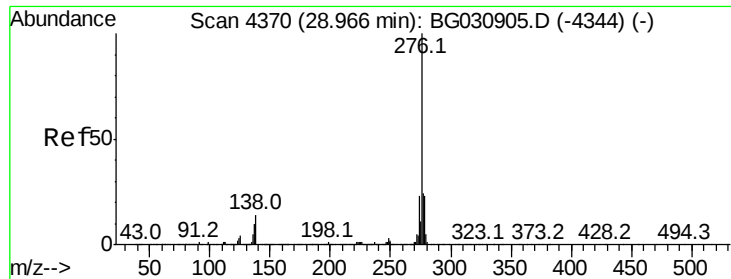
Sohil
 11/22/2017 4:35:25 PM



#84
 Di-n-octyl phthalate
 Concen: 48.346 ng
 RT: 22.86 min Scan# 3331
 Delta R.T. -0.03 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.5	8.9	13.3#





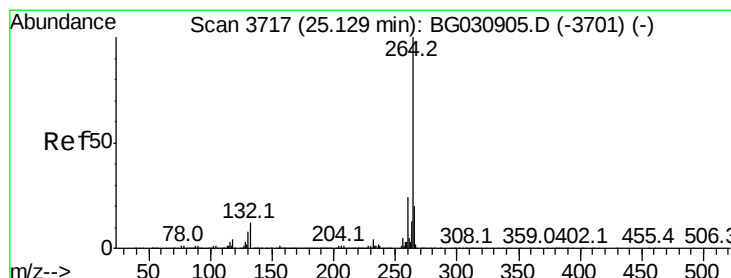
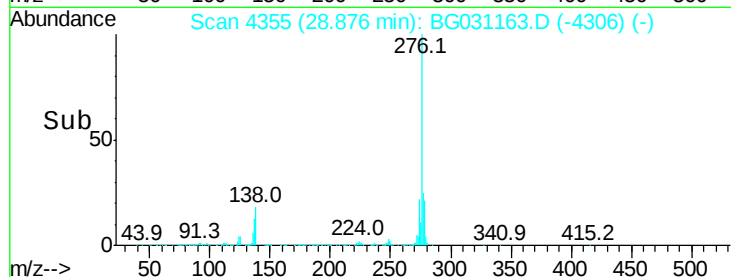
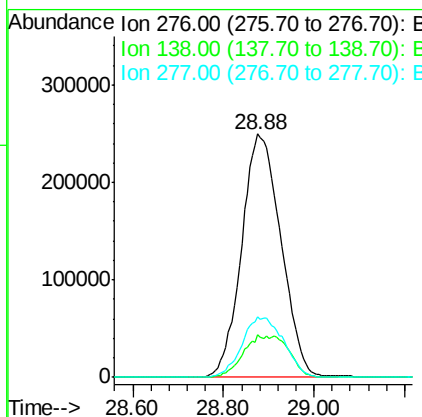
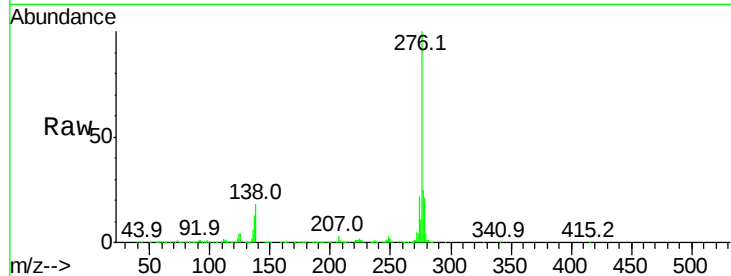
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.561 ng
RT: 28.88 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.2	16.0	24.0#
277	26.3	20.0	30.0

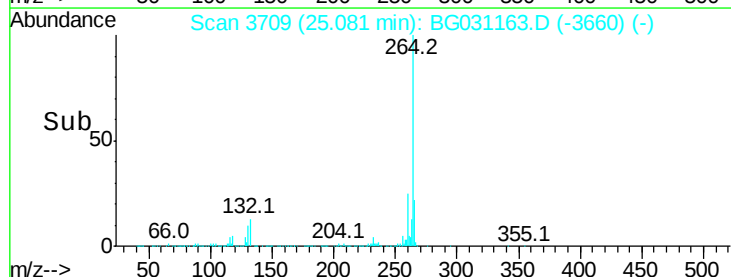
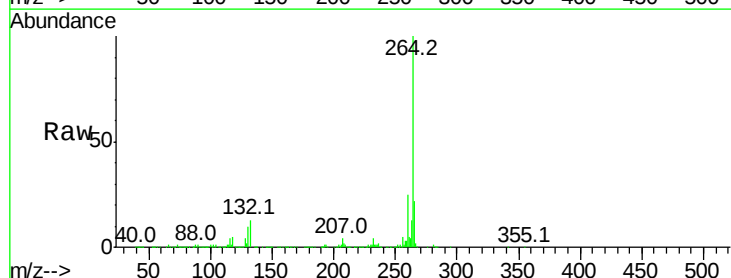
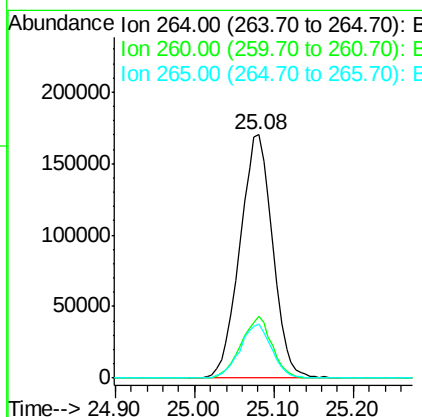
Manual Integrations
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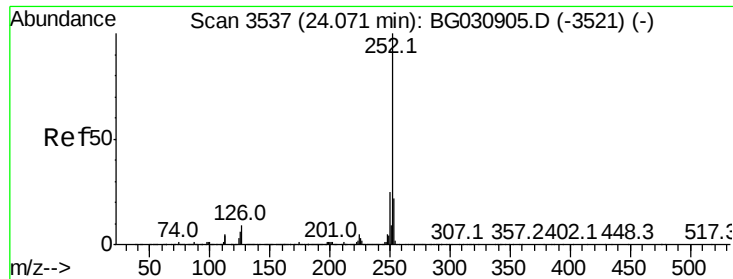
Sohil
11/22/2017 4:35:25 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	22.3	17.7	26.5





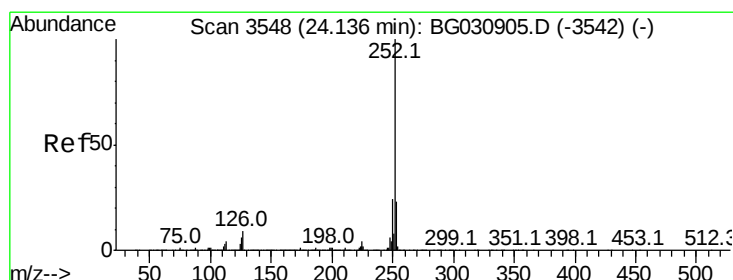
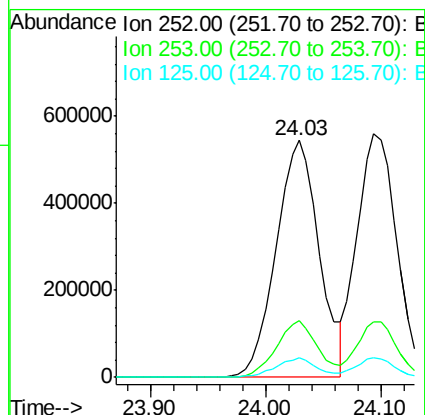
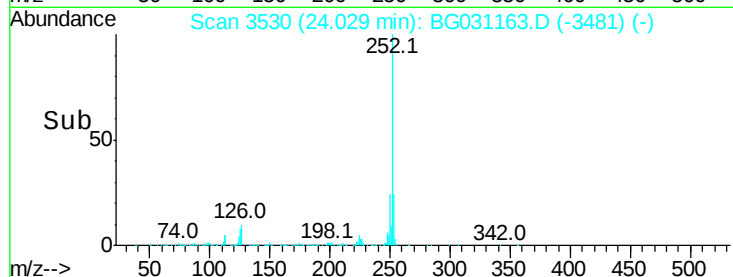
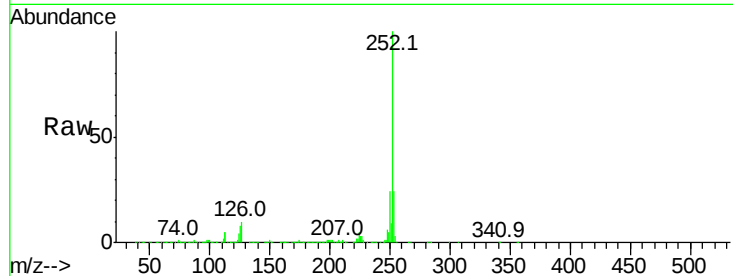
#87
Benzo(b)fluoranthene
Concen: 47.712 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	8.2	7.2	10.8

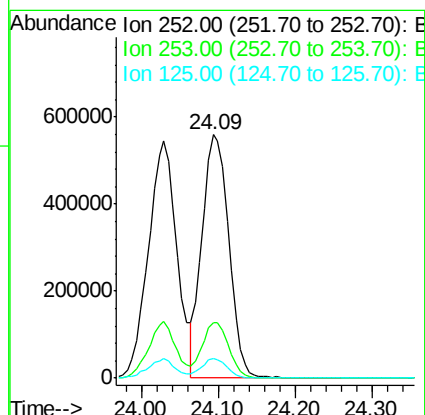
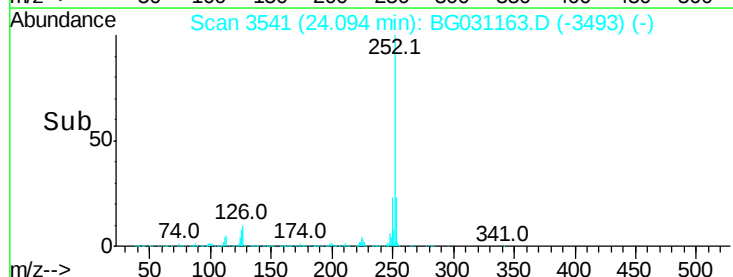
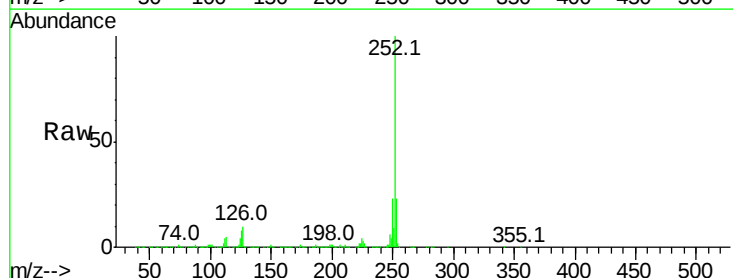
Manual Integrations
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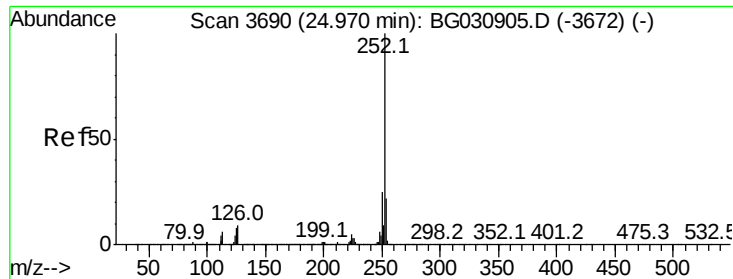
Sohil
11/22/2017 4:35:25 PM



#88
Benzo(k)fluoranthene
Concen: 45.517 ng
RT: 24.09 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	7.8	6.6	9.8





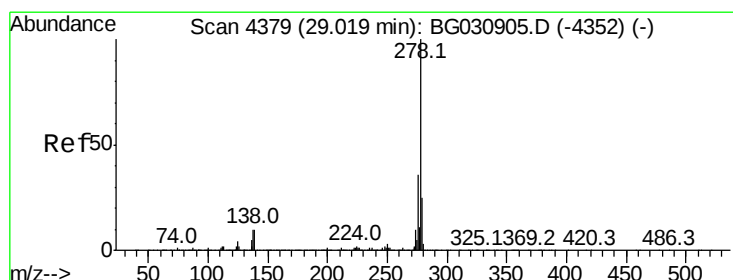
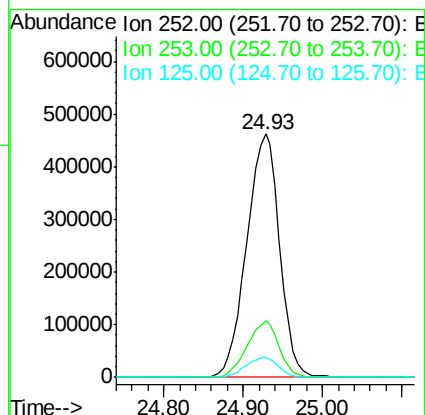
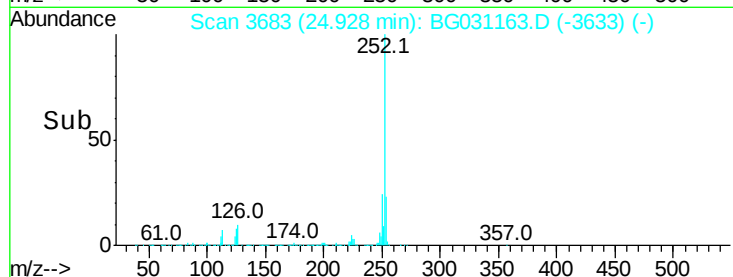
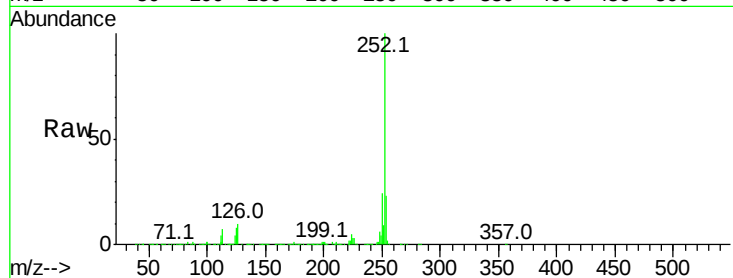
#89
Benzo(a)pyrene
Concen: 47.362 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	8.3	7.3	10.9

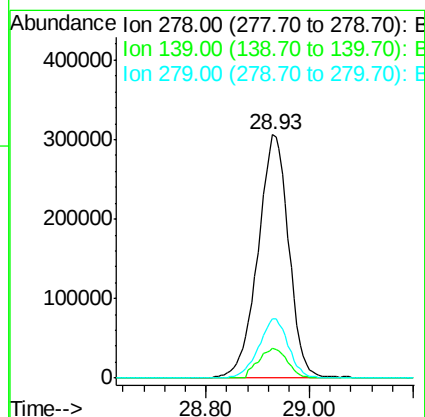
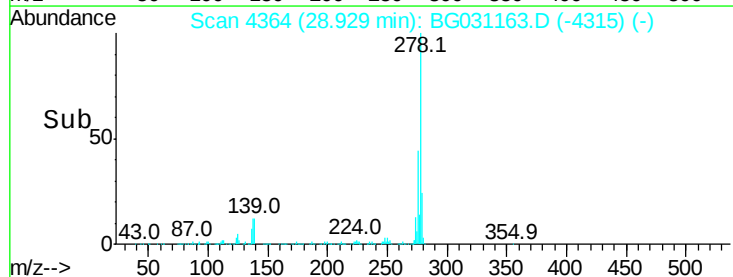
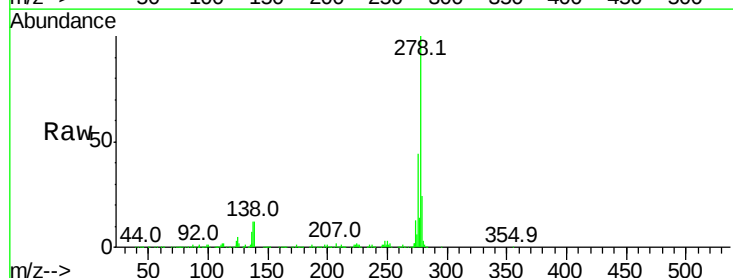
Manual Integrations
APPROVED

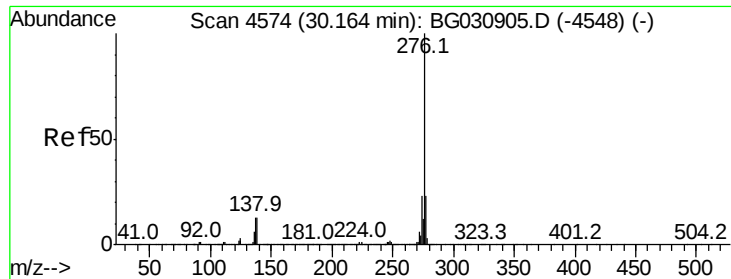
Sohil
11/22/2017 4:35:25 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.020 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BG031163.D
Acq: 21 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.8	14.6
279	24.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.621 ng
 RT: 30.07 min Scan# 4559
 Delta R.T. 0.00 min
 Lab File: BG031163.D
 Acq: 21 Nov 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :
 LW-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.3	27.5
138	16.2	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 11/22/2017 4:35:25 PM

