

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
 Data File : BG031931.D
 Acq On : 5 Jan 2018 14:07
 Operator : SJ/JU
 Sample : PB105488BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BS

Manual Integrations
 APPROVED

Sohil
 1/8/2018 4:22:12 PM

Quant Time: Jan 05 15:38:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	56331	20.00	ng	0.00
21) Naphthalene-d8	11.68	136	249945	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	176405	20.00	ng	0.00
63) Phenanthrene-d10	18.16	188	442706	20.00	ng	0.00
75) Chrysene-d12	22.51	240	507654	20.00	ng	-0.01
86) Perylene-d12	26.26	264	535786	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	461465	149.21	ng	0.01
7) Phenol-d6	7.91	99	602516	150.05	ng	0.02
23) Nitrobenzene-d5	9.99	82	325539	98.35	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	383271	142.39	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1153310	82.06	ng	0.00
78) Terphenyl-d14	20.69	244	1935037	87.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	41375	36.090	ng	# 74
3) Pyridine	4.32	79	116624	38.057	ng	# 78
4) n-Nitrosodimethylamine	4.22	42	50916	41.174	ng	# 80
6) Aniline	8.09	93	102586	19.857	ng	# 87
8) 2-Chlorophenol	8.34	128	168469	46.960	ng	83
9) Benzaldehyde	7.90	77	32799	13.565	ng	89
10) Phenol	7.93	94	195574	48.243	ng	90
11) bis(2-Chloroethyl)ether	8.18	93	131343	39.011	ng	# 80
12) 1,3-Dichlorobenzene	8.68	146	177179m	39.770	ng	
13) 1,4-Dichlorobenzene	8.83	146	183052	40.223	ng	94
14) 1,2-Dichlorobenzene	9.17	146	171029	39.662	ng	94
15) Benzyl Alcohol	9.03	79	136868	45.405	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.32	45	135877	49.558	ng	82
17) 2-Methylphenol	9.23	107	139944	48.245	ng	93
18) Hexachloroethane	9.92	117	55595	40.334	ng	86
19) n-Nitroso-di-n-propylamine	9.61	70	104507	38.109	ng	# 82
20) 3+4-Methylphenols	9.57	107	192004	46.573	ng	94
22) Acetophenone	9.64	105	231167	39.809	ng	# 86
24) Nitrobenzene	10.04	77	153209	44.911	ng	# 83
25) Isophorone	10.56	82	291843	40.958	ng	# 84
26) 2-Nitrophenol	10.76	139	99496	55.626	ng	# 82
27) 2,4-Dimethylphenol	10.80	122	180017	47.828	ng	92
28) bis(2-Chloroethoxy)methane	11.05	93	189268	39.586	ng	# 93
29) 2,4-Dichlorophenol	11.30	162	210689	47.682	ng	89
30) 1,2,4-Trichlorobenzene	11.53	180	208519	38.650	ng	100
31) Naphthalene	11.73	128	507870	40.262	ng	99
32) Benzoic acid	10.93	122	129171	50.002	ng	# 80
33) 4-Chloroaniline	11.82	127	99597	17.735	ng	# 90
34) Hexachlorobutadiene	12.00	225	143615	38.774	ng	99
35) Caprolactam	12.59	113	68015	50.782	ng	# 46
36) 4-Chloro-3-methylphenol	12.90	107	191917	47.029	ng	# 86
37) 2-Methylnaphthalene	13.29	142	422723	41.339	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	290573	39.106	ng	# 98
40) Hexachlorocyclopentadiene	13.62	237	387587	98.880	ng	92

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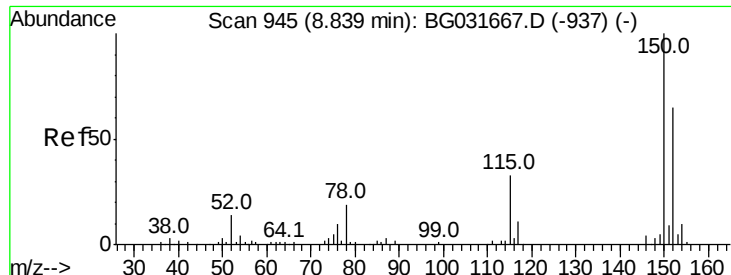
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.87	196	194835	45.480	nq	97
43) 2,4,5-Trichlorophenol	13.94	196	213248	44.917	nq #	93
45) 1,1'-Biphenyl	14.27	154	609654	40.464	nq	96
46) 2-Chloronaphthalene	14.32	162	457485	39.808	nq	96
47) 2-Nitroaniline	14.50	65	102177	51.480	nq #	68
48) Acenaphthylene	15.15	152	708651	38.544	nq	99
49) Dimethylphthalate	14.86	163	610231	39.267	nq #	99
50) 2,6-Dinitrotoluene	14.98	165	140167	49.029	nq #	67
51) Acenaphthene	15.49	154	534057	44.353	nq	94
52) 3-Nitroaniline	15.31	138	69078	24.766	nq #	77
53) 2,4-Dinitrophenol	15.51	184	167926	132.707	nq #	66
54) Dibenzofuran	15.82	168	738293	39.999	nq	99
55) 4-Nitrophenol	15.59	139	231635	102.035	nq #	73
56) 2,4-Dinitrotoluene	15.76	165	195272	53.119	nq #	64
57) Fluorene	16.46	166	591216	39.429	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.03	232	221009	47.714	nq #	85
59) Diethylphthalate	16.20	149	582813	38.477	nq	97
60) 4-Chlorophenyl-phenylether	16.44	204	361875	39.443	nq	93
61) 4-Nitroaniline	16.47	138	121459	44.624	nq	82
62) Azobenzene	16.73	77	393258	40.484	nq	84
64) 4,6-Dinitro-2-methylphenol	16.52	198	111002	50.928	nq #	68
65) n-Nitrosodiphenylamine	16.65	169	551000	37.475	nq	99
66) 4-Bromophenyl-phenylether	17.33	248	262880	41.064	nq	95
67) Hexachlorobenzene	17.46	284	268653	41.051	nq #	90
68) Atrazine	17.57	200	241291	42.204	nq	99
69) Pentachlorophenol	17.80	266	377641	83.896	nq	99
70) Phenanthrene	18.20	178	995491	39.734	nq	99
71) Anthracene	18.29	178	1009914	39.960	nq	98
72) Carbazole	18.55	167	904461	40.434	nq	99
73) Di-n-butylphthalate	19.06	149	982169	39.510	nq	99
74) Fluoranthene	20.16	202	1254544	40.810	nq	95
76) Benzidine	20.32	184	352869	22.520	nq	97
77) Pyrene	20.52	202	1272925	39.255	nq	96
79) Butylbenzylphthalate	21.39	149	449609	41.303	nq #	76
80) Benzo(a)anthracene	22.49	228	1293597	40.059	nq	98
81) 3,3'-Dichlorobenzidine	22.37	252	294063	23.487	nq #	97
82) Chrysene	22.56	228	1206340	39.482	nq	97
83) Bis(2-ethylhexyl)phthalate	22.33	149	620291	39.331	nq #	97
84) Di-n-octyl phthalate	23.74	149	1047765	39.448	nq #	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1551980	39.593	nq #	86
87) Benzo(b)fluoranthene	25.06	252	1357150	40.806	nq #	97
88) Benzo(k)fluoranthene	25.14	252	1284756	38.600	nq #	97
89) Benzo(a)pyrene	26.09	252	1298315	40.760	nq #	97
90) Dibenzo(a,h)anthracene	30.71	278	1293124	39.309	nq	96
91) Benzo(g,h,i)perylene	30.63	276	1551980	39.958	nq #	94

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



#1

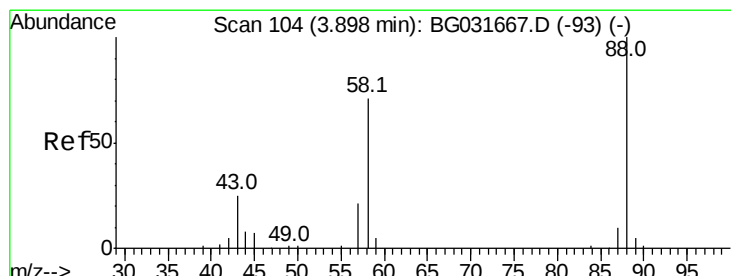
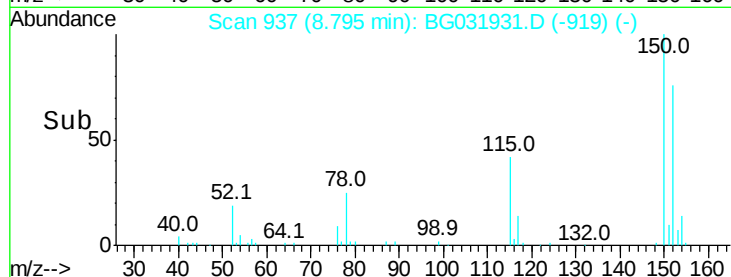
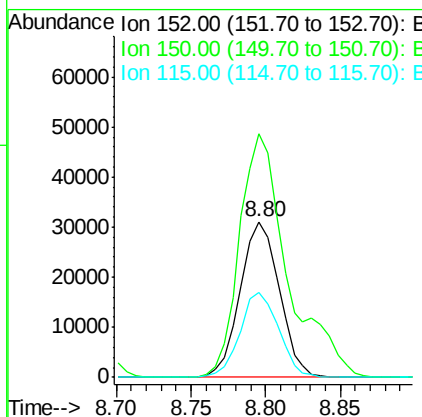
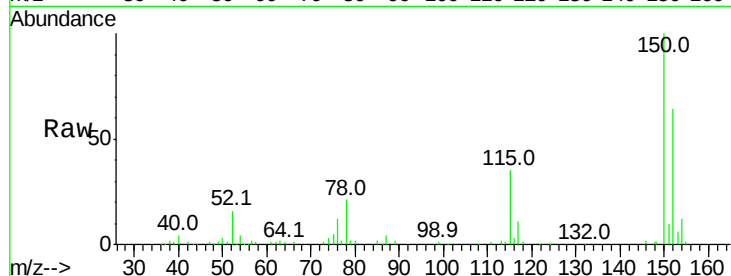
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 937
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	54.8	53.0	79.4

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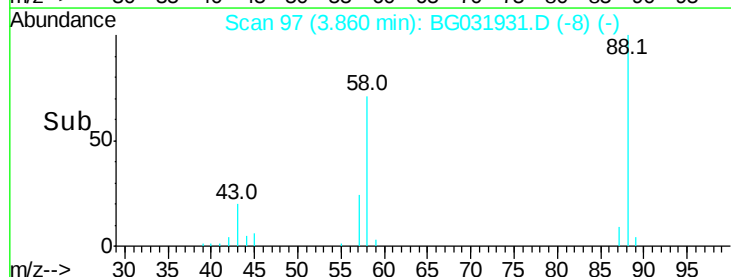
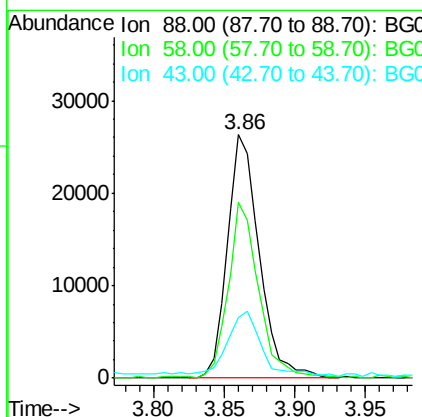
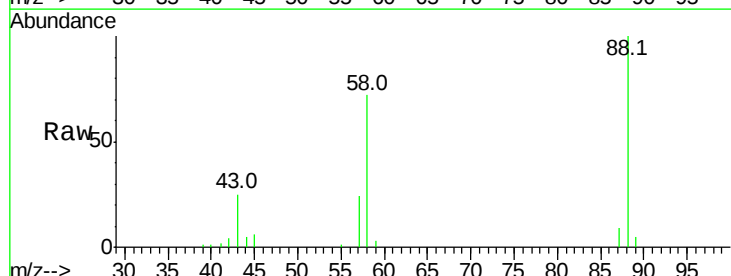
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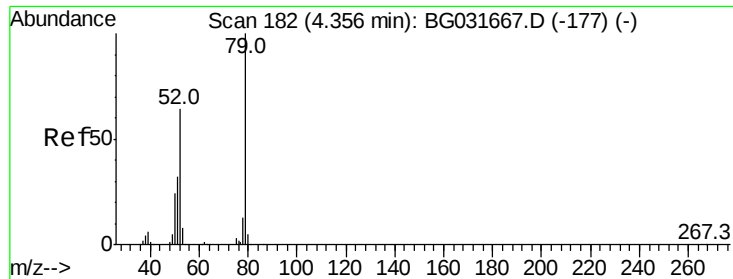


#2

1,4-Dioxane
Concen: 36.090 ng
RT: 3.86 min Scan# 97
Delta R.T. -0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	79.6	119.4#
43	27.9	27.4	41.0





#3

Pvridine

Concen: 38.057 ng

RT: 4.32 min Scan# 175

Delta R.T. 0.00 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Instrument :

BNA_G

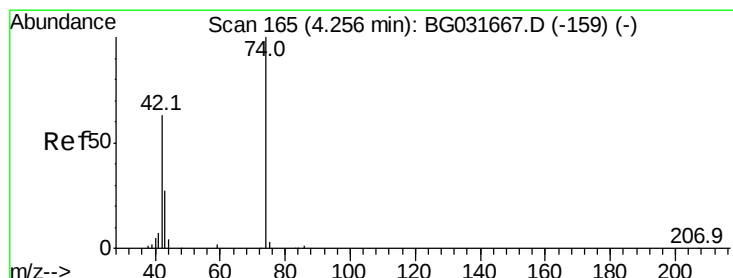
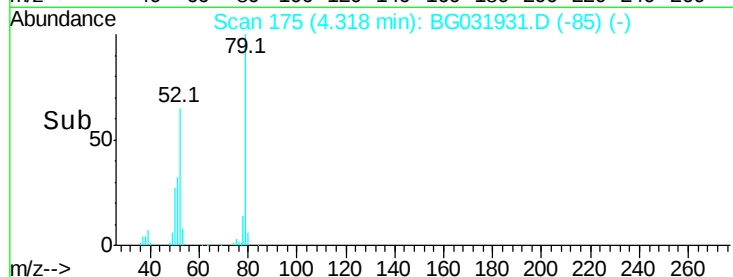
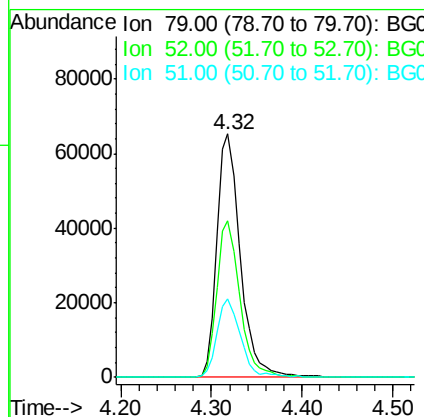
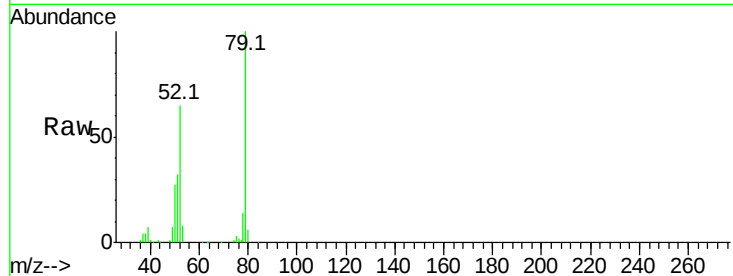
ClientSampleId :

PB105488BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.6	69.9	104.9#
51	32.2	34.0	51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.174 ng

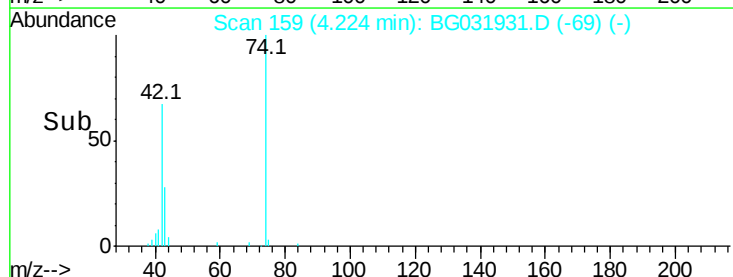
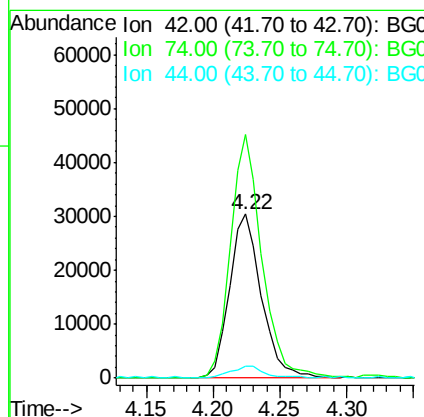
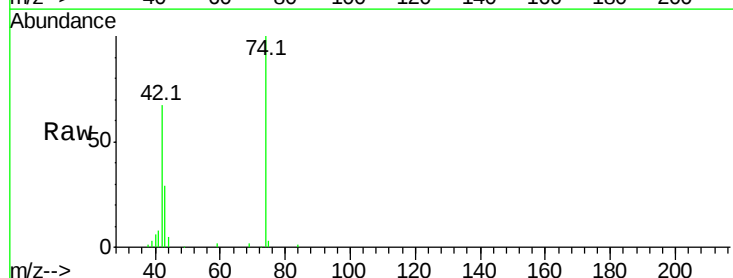
RT: 4.22 min Scan# 159

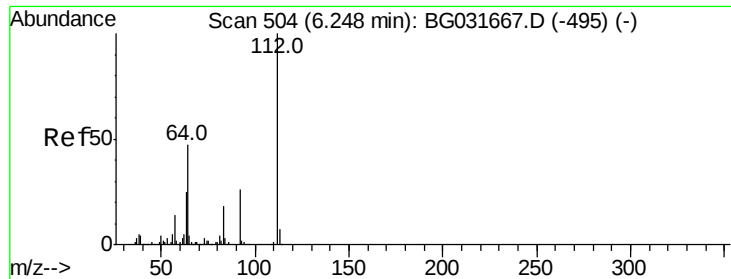
Delta R.T. 0.00 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.4	102.5	153.7
44	7.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 149.208 ng

RT: 6.22 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Instrument :

BNA_G

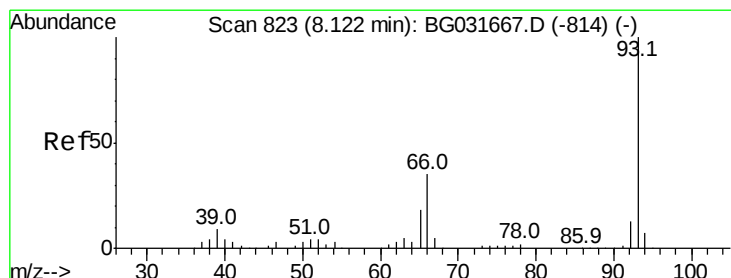
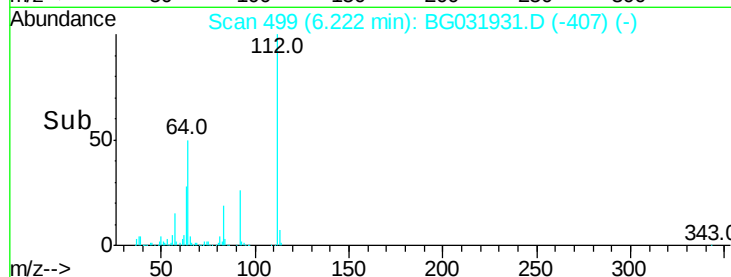
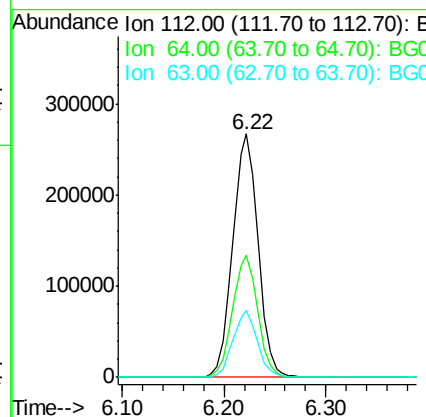
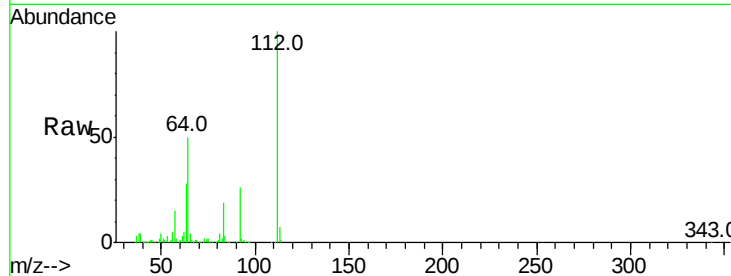
ClientSampleId :

PB105488BS

Tot Ion:	112	Resp:	461465
Ion Ratio	Lower	Upper	
112	100		
64	50.0	56.3	84.5#
63	27.8	30.1	45.1#

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#6

Aniline

Concen: 19.857 ng

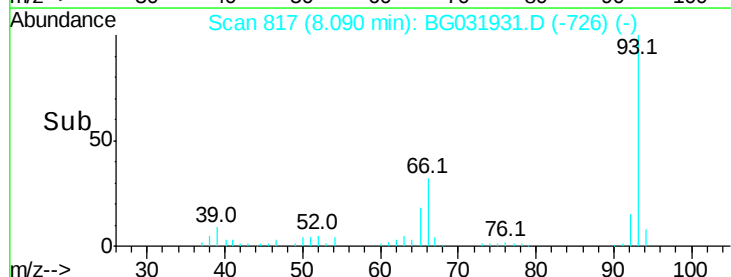
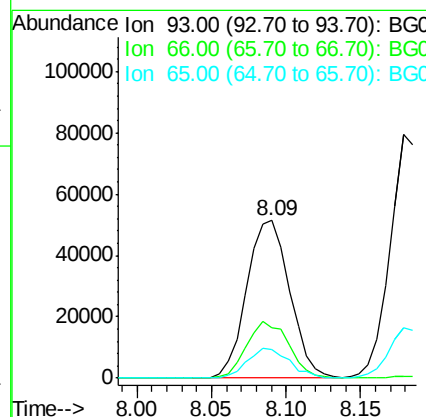
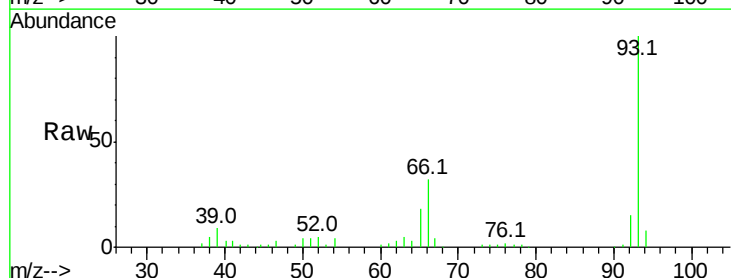
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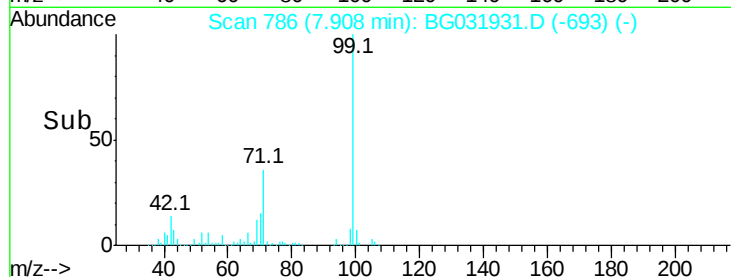
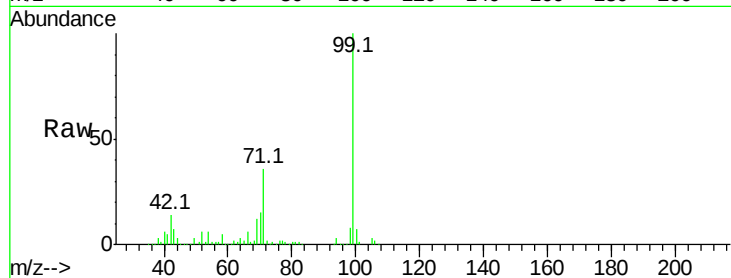
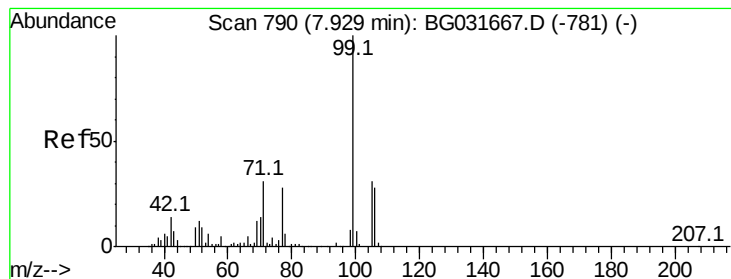
Delta R.T. 0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Tgt Ion:	93	Resp:	102586
Ion Ratio	Lower	Upper	
93	100		
66	31.7	33.7	50.5#
65	18.2	16.1	24.1





#7

Phenol-d6

Concen: 150.051 ng

RT: 7.91 min Scan# 786

Delta R.T. 0.02 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		602516		
42	14.1	14.1	21.1		
71	35.7	26.1	39.1		

Instrument :

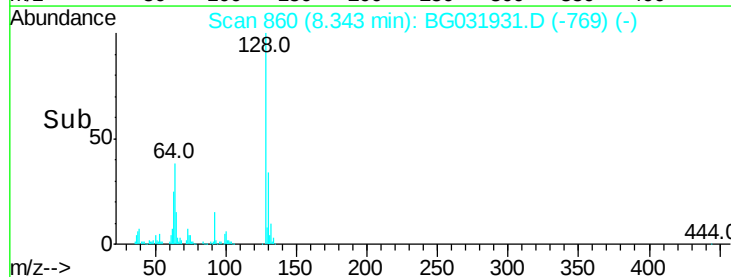
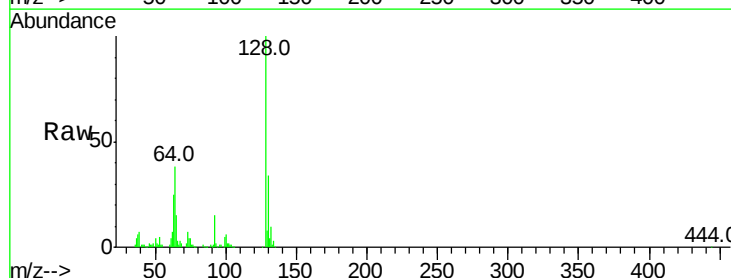
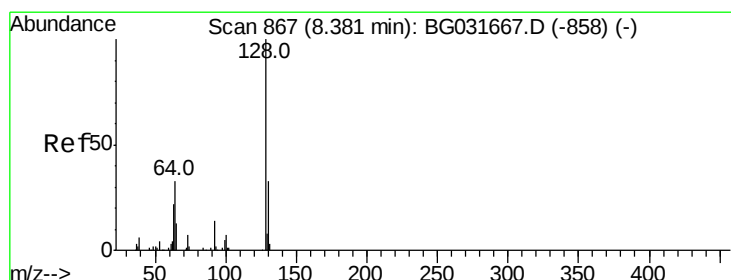
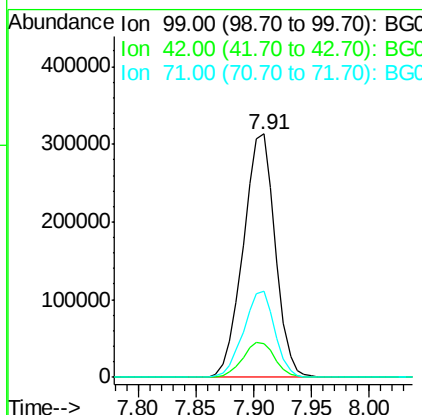
BNA_G

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#8

2-Chlorophenol

Concen: 46.960 ng

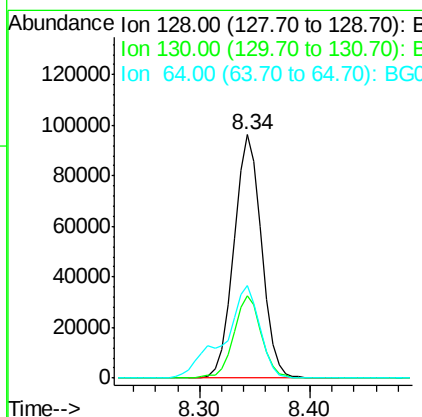
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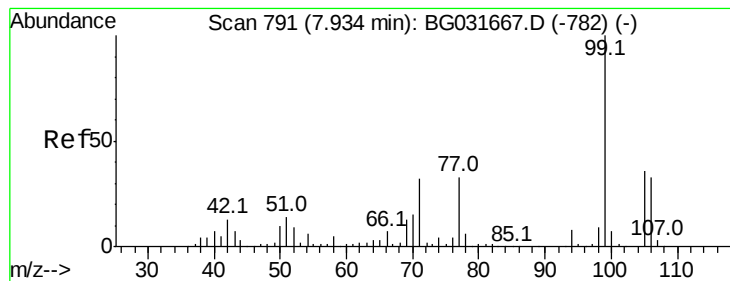
Delta R.T. 0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		168469		
130	33.9	14.0	54.0		
64	38.1	37.7	77.7		





#9

Benzaldehyde

Concen: 13.565 ng

RT: 7.90 min Scan# 784

Delta R.T. 0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Instrument :

BNA_G

ClientSampleId :

PB105488BS

Tot Ion: 77 Resp: 32799

Ion Ratio Lower Upper

77 100

105 96.3 71.3 111.3

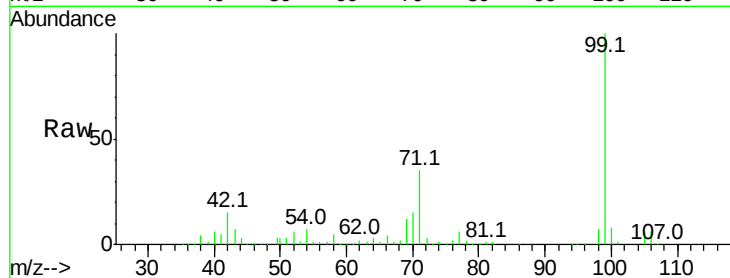
106 100.4 64.2 104.2

Manual Integrations

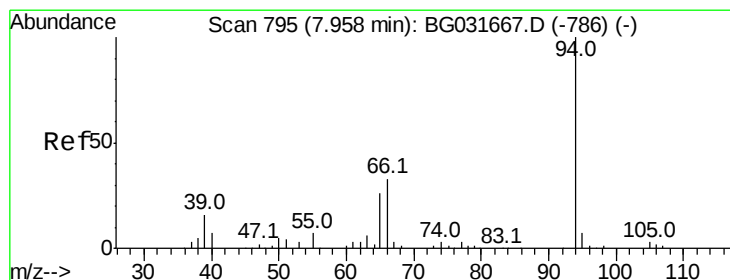
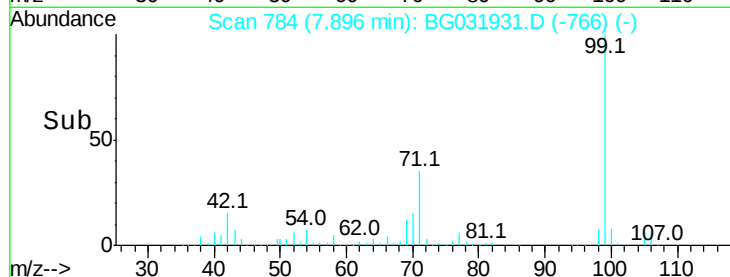
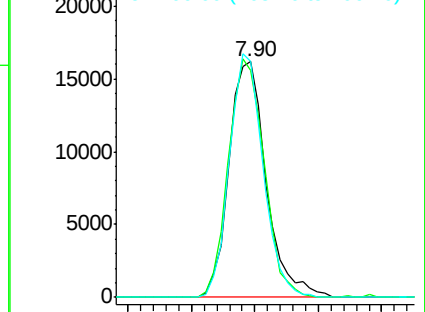
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.243 ng

RT: 7.93 min Scan# 790

Delta R.T. 0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

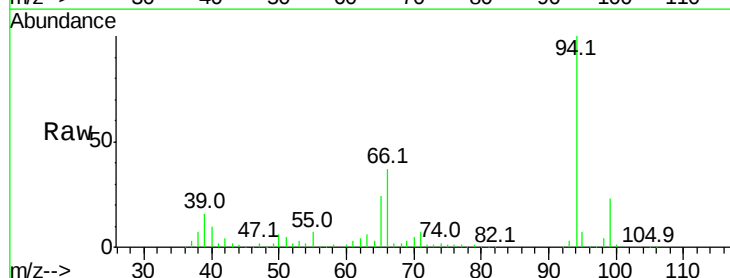
Tgt Ion: 94 Resp: 195574

Ion Ratio Lower Upper

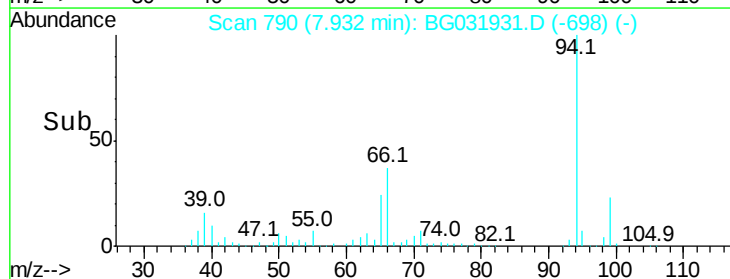
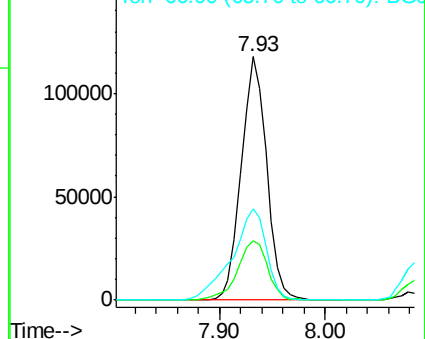
94 100

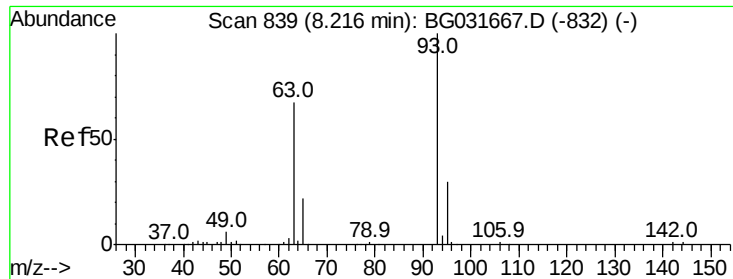
65 24.2 11.9 51.9

66 37.4 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





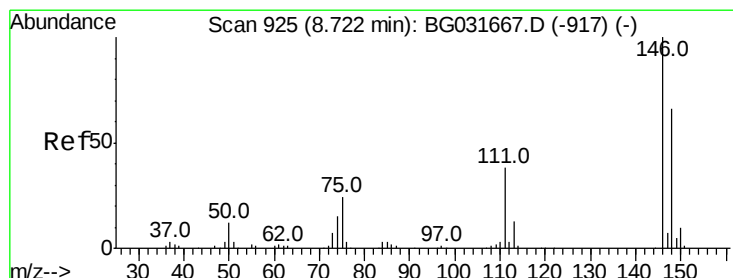
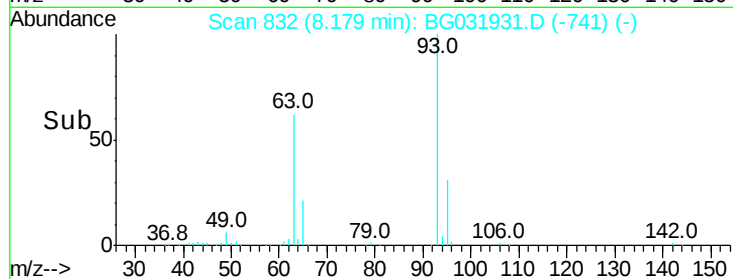
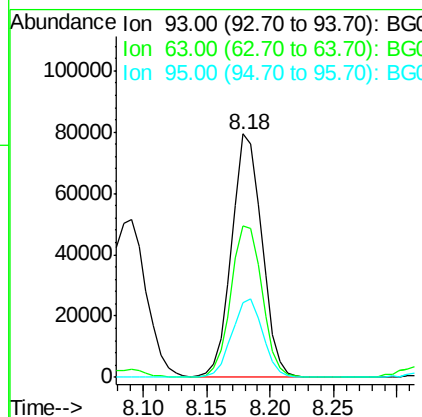
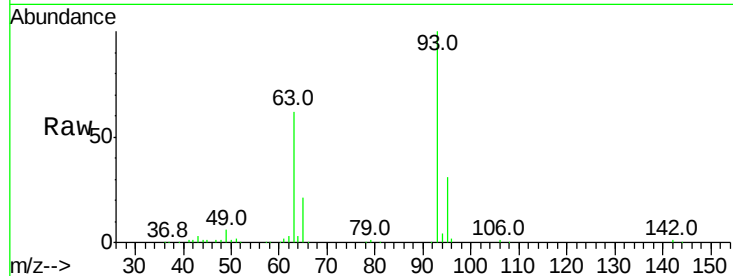
#11
bis(2-Chloroethyl)ether
Concen: 39.011 ng
RT: 8.18 min Scan# 832
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	62.1	67.1	107.1#
95	30.9	11.5	51.5

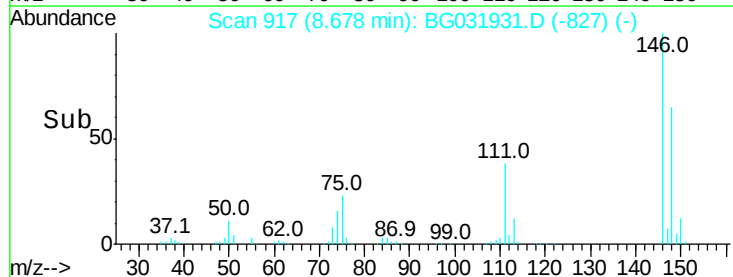
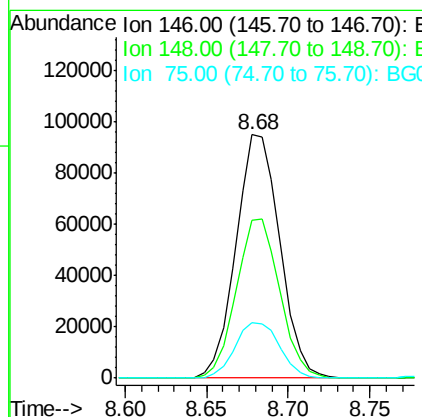
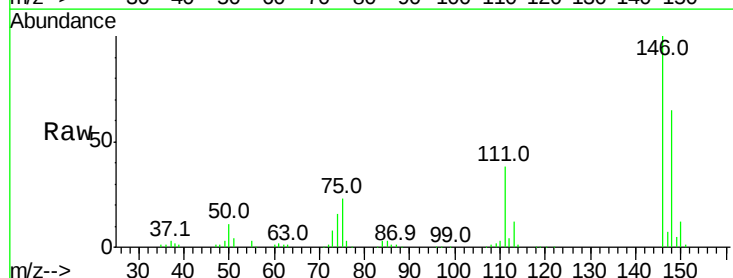
Manual Integrations
APPROVED

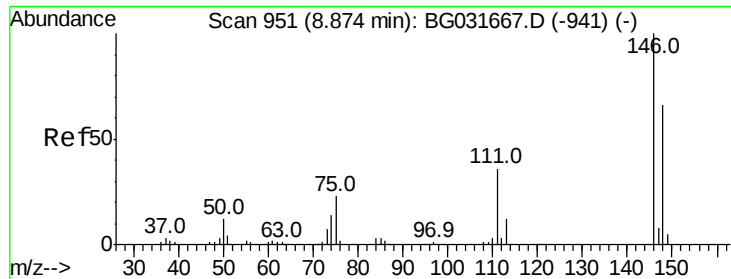
Sohil
1/8/2018 4:22:12 PM



#12
1,3-Dichlorobenzene
Concen: 39.770 ng m
RT: 8.68 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
75	22.8	26.6	39.8#





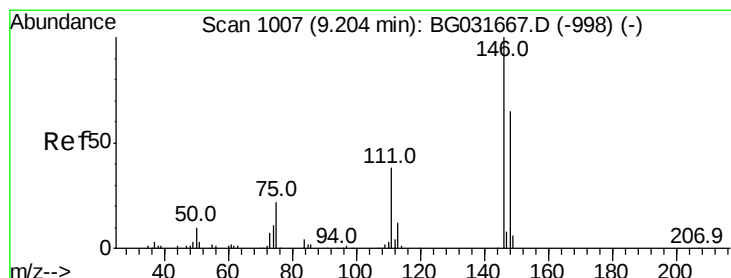
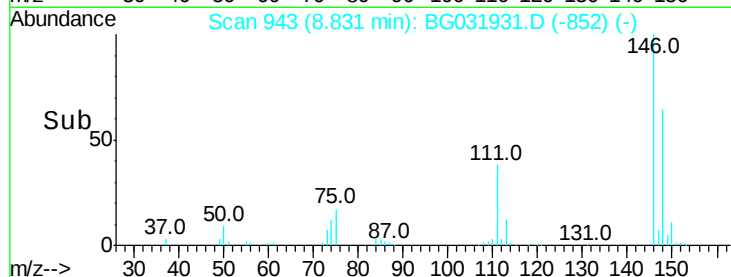
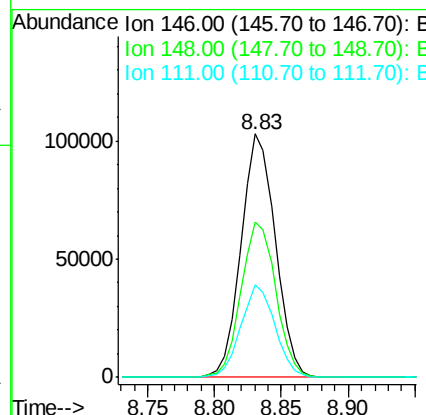
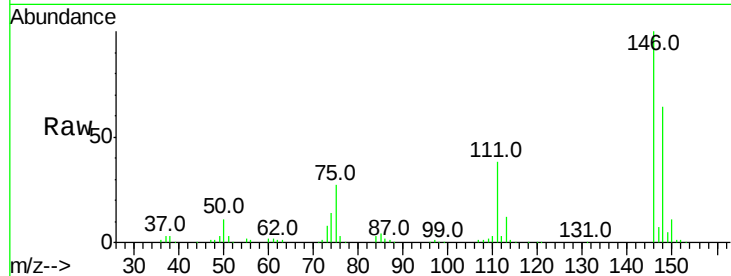
#13
 1,4-Dichlorobenzene
 Concen: 40.223 ng
 RT: 8.83 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampled :
 PB105488BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.7	80.5
111	37.9	35.2	52.8

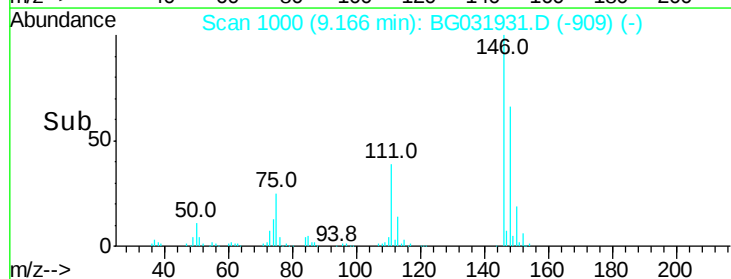
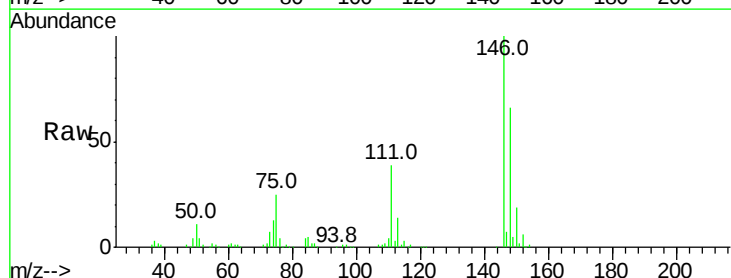
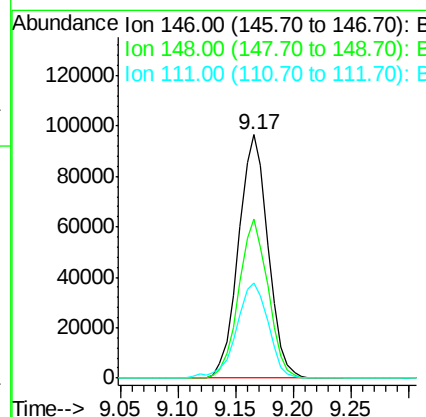
Manual Integrations
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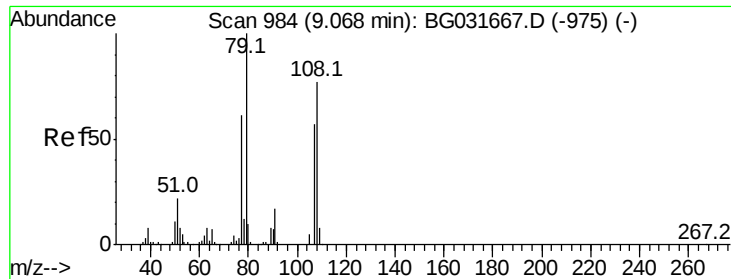
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.662 ng
 RT: 9.17 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.3	73.9
111	39.0	34.3	51.5





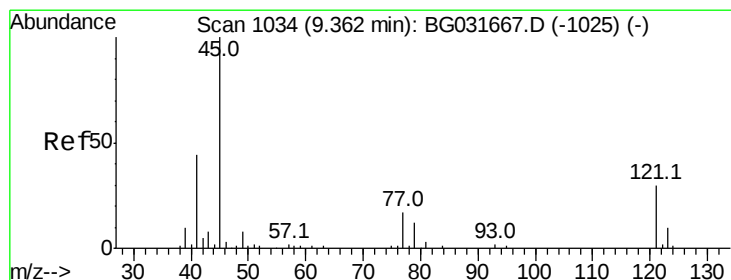
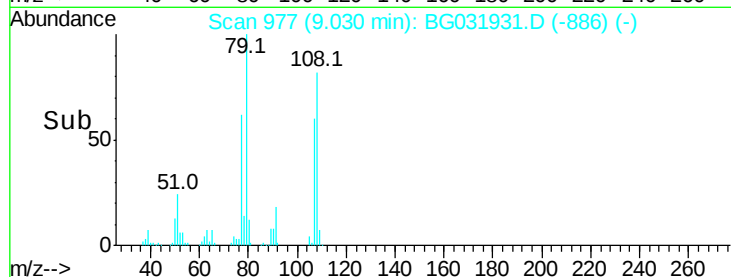
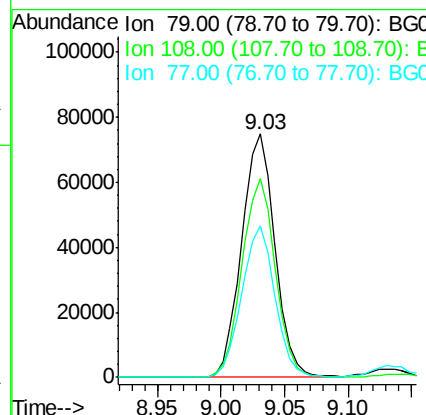
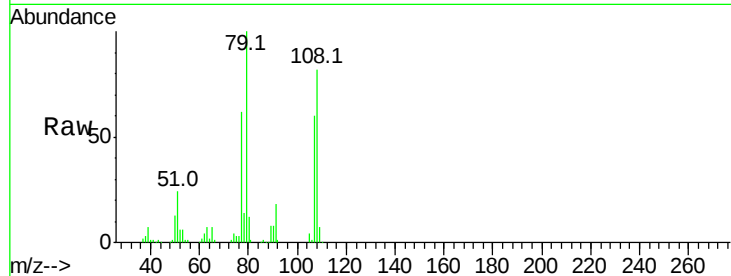
#15
Benzyl Alcohol
Concen: 45.405 ng
RT: 9.03 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.7	57.2	85.8
77	62.3	46.1	69.1

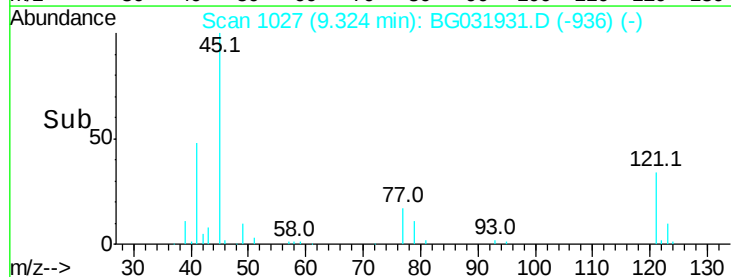
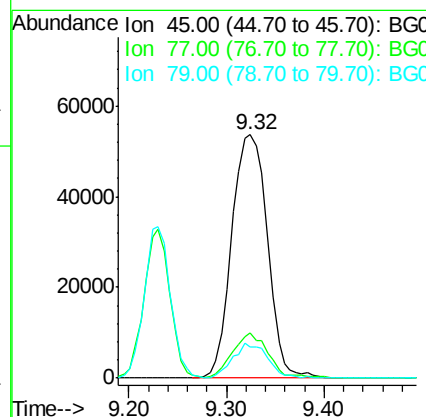
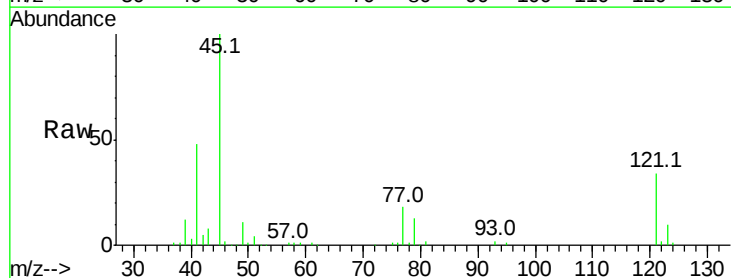
Manual Integrations
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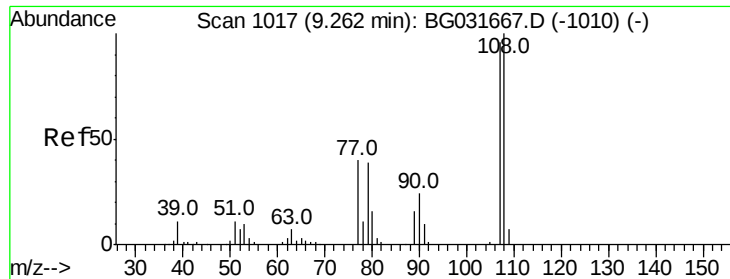
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.558 ng
RT: 9.32 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	30.2
79	12.6	0.0	27.9





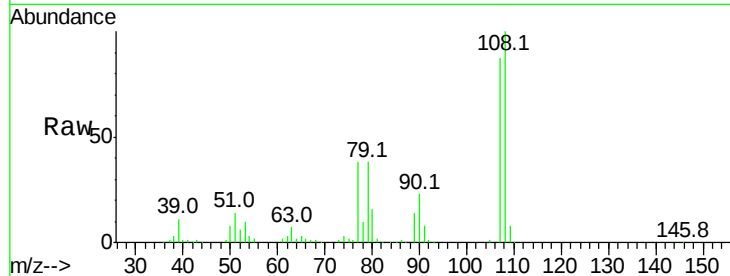
#17
2-Methylphenol
Concen: 48.245 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

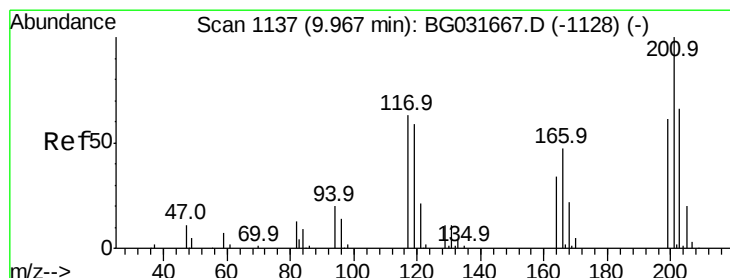
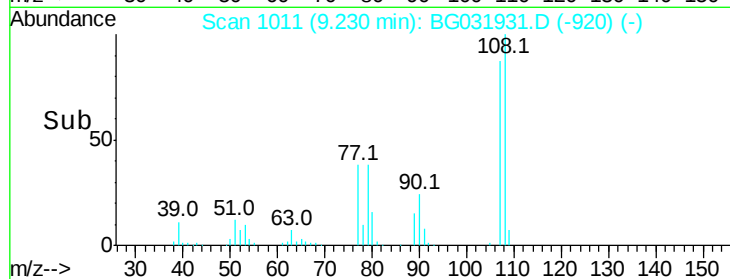
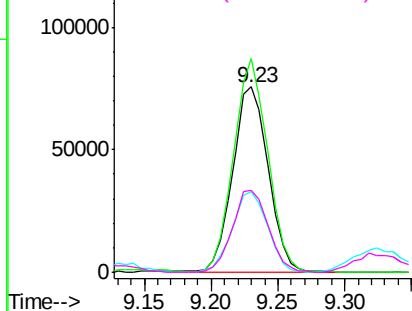
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	83.9	125.9	
77	43.4	37.2	55.8	
79	44.1	36.2	54.2	

Manual Integrations
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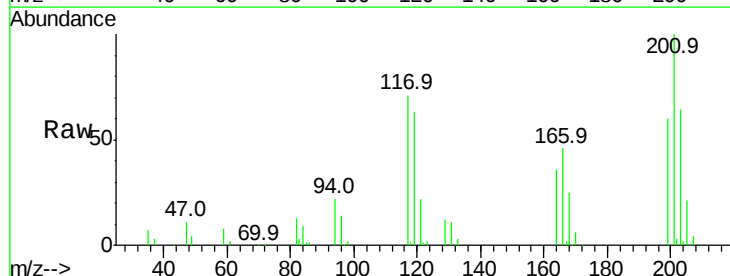


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

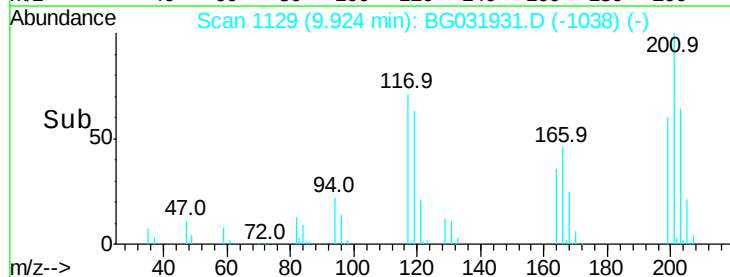
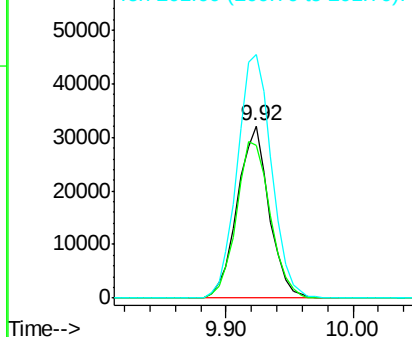


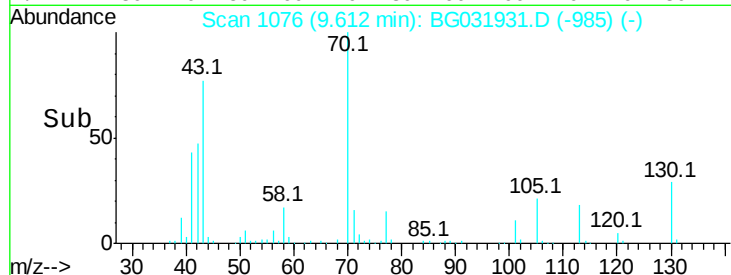
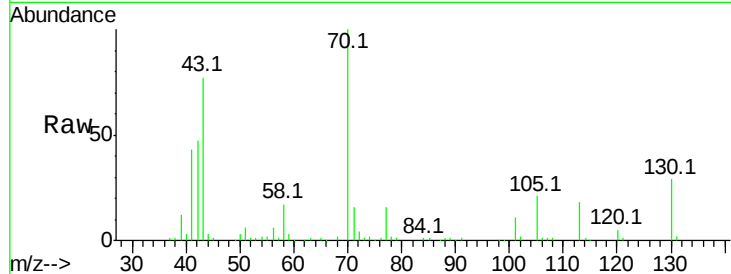
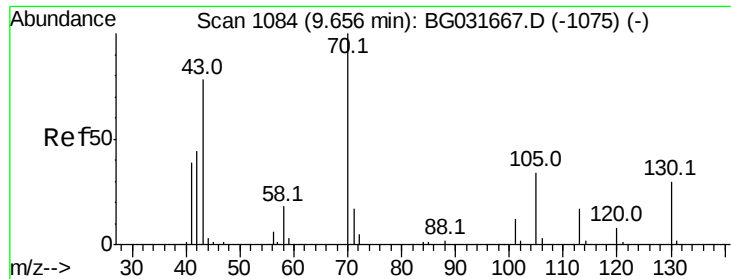
#18
Hexachloroethane
Concen: 40.334 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.4	76.7	115.1	
201	141.3	95.7	143.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





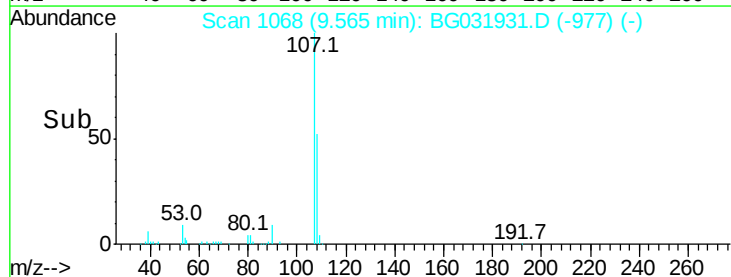
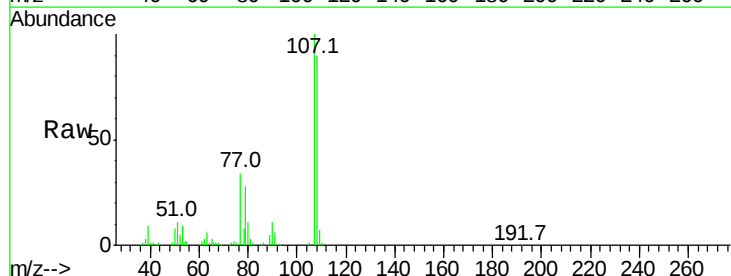
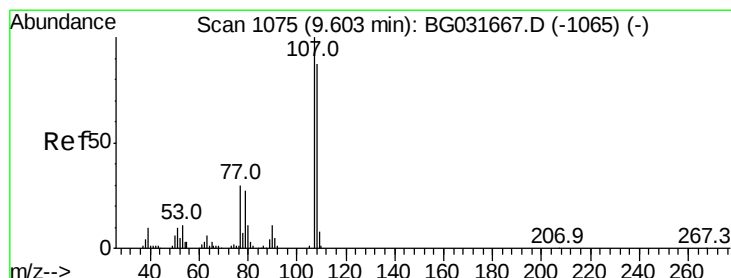
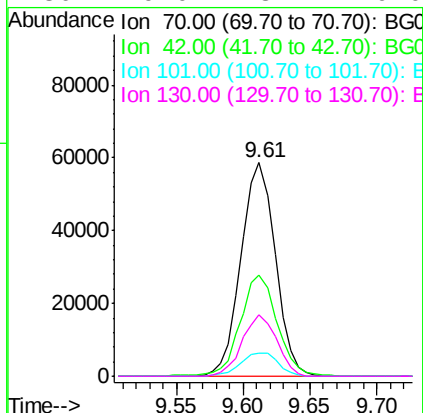
#19
n-Nitroso-di-n-propylamine
Concen: 38.109 ng
RT: 9.61 min Scan# 1076
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.4	49.1	73.7#
101	11.0	8.5	12.7
130	29.0	13.4	20.0#

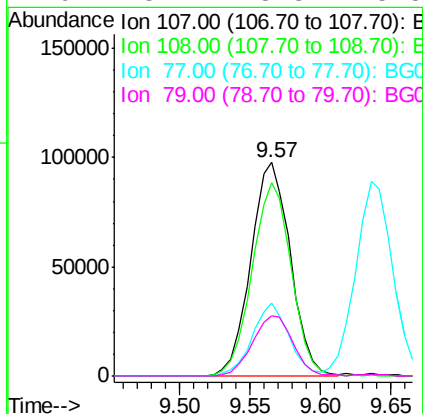
Manual Integrations
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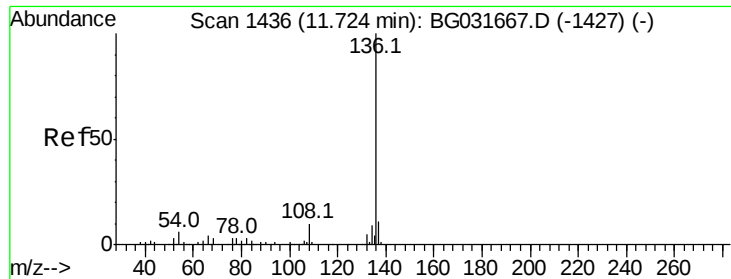
Sohil
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#20
3+4-Methylphenols
Concen: 46.573 ng
RT: 9.57 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	61.6	101.6
77	33.9	13.9	53.9
79	28.2	8.8	48.8





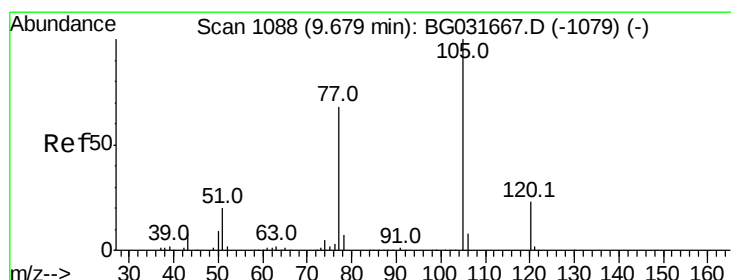
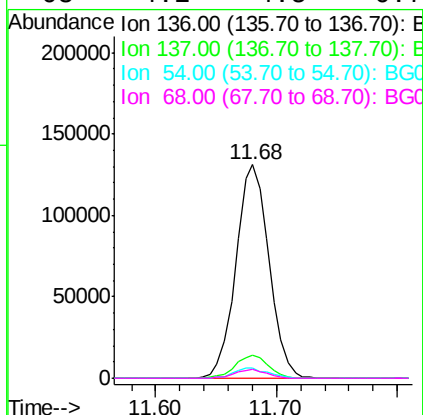
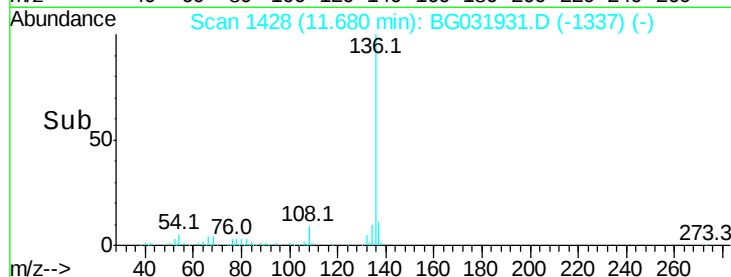
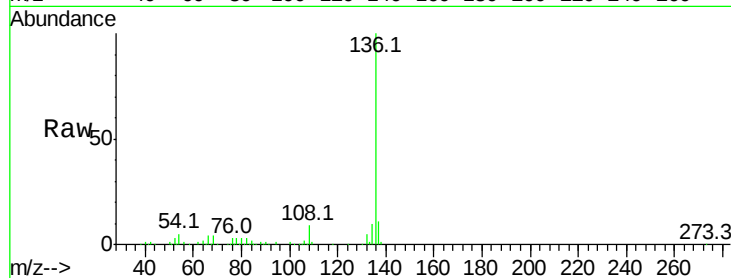
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.68 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.2	13.8	
54	5.0	10.3	15.5#	
68	4.2	4.5	6.7#	

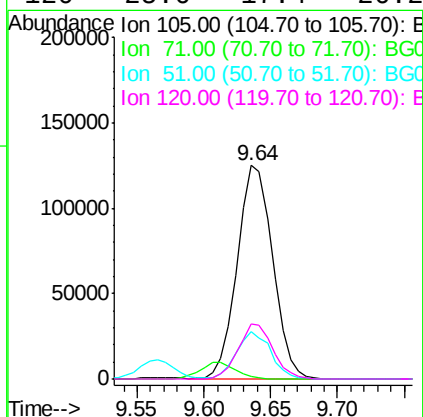
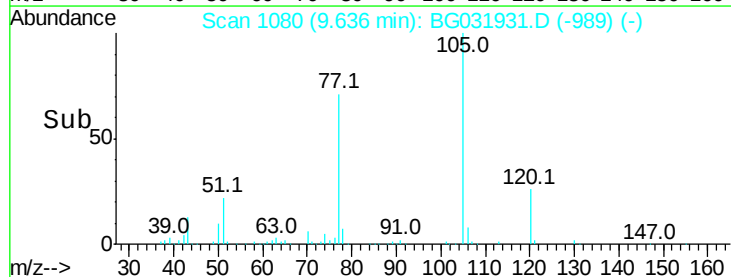
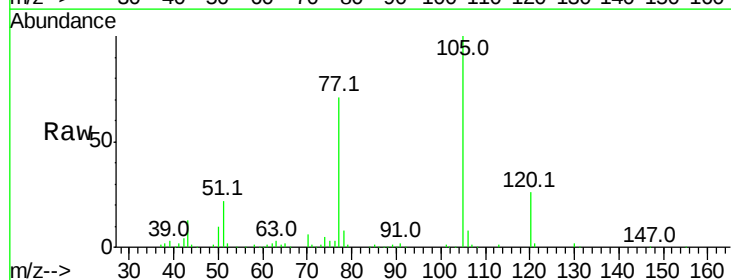
Manual Integrations
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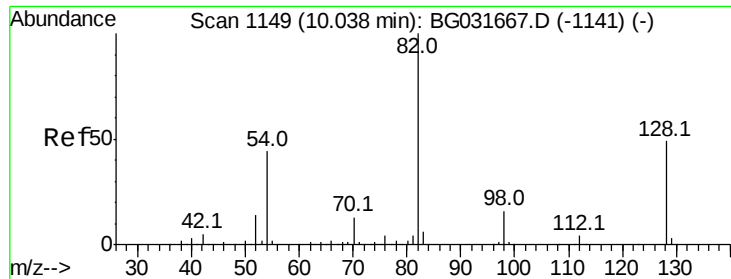
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#22
Acetophenone
Concen: 39.809 ng
RT: 9.64 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.0	3.0	4.4#	
51	22.0	26.1	39.1#	
120	25.6	17.4	26.2	





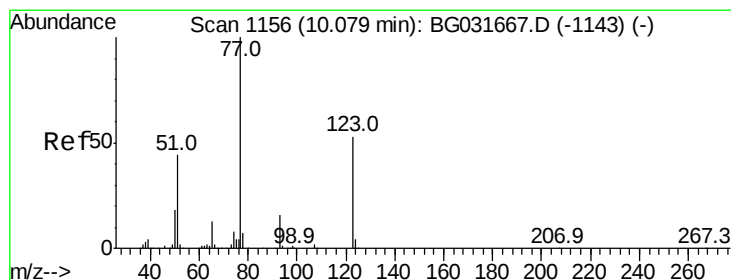
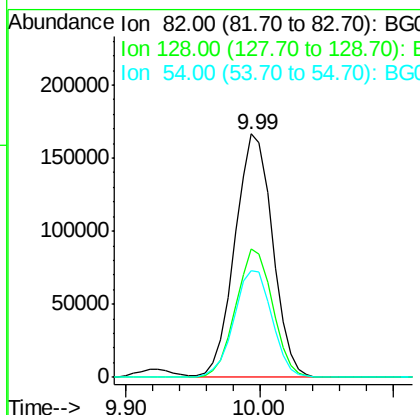
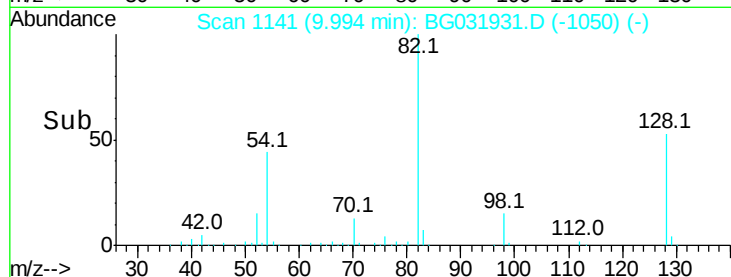
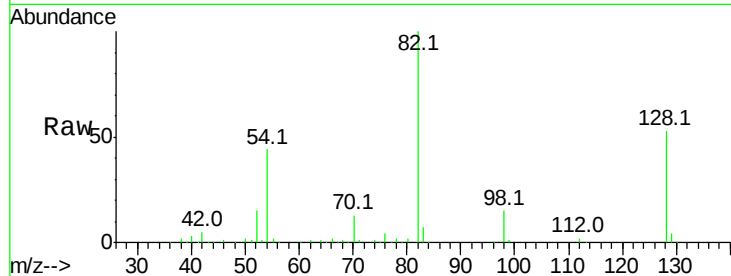
#23
 Nitrobenzene-d5
 Concen: 98.350 ng
 RT: 9.99 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.6	29.7	44.5#	
54	43.9	43.1	64.7	

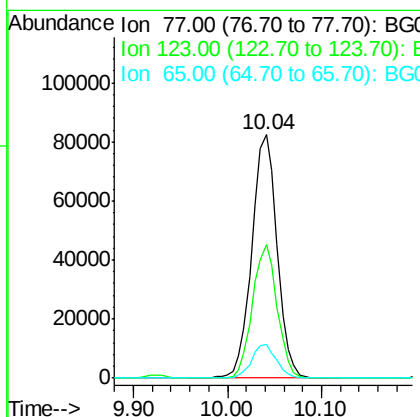
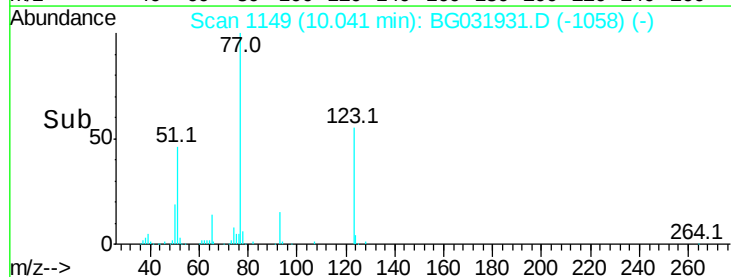
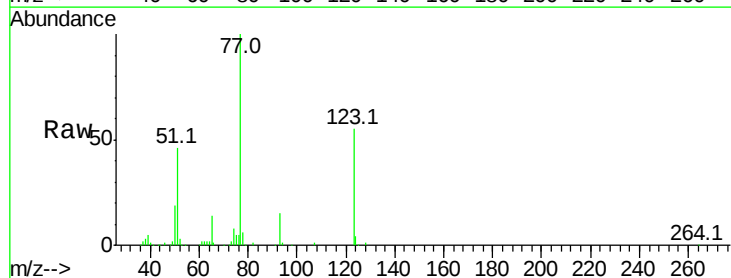
Manual Integrations
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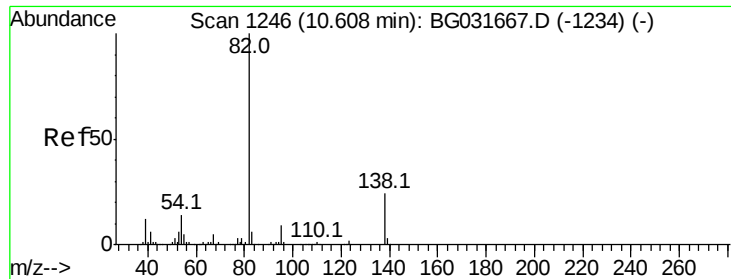
Sohil
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#24
 Nitrobenzene
 Concen: 44.911 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. 0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	54.7	33.0	49.6#	
65	13.8	13.0	19.6	





#25

Isophorone

Concen: 40.958 ng

RT: 10.56 min Scan# 1238

Delta R.T. 0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Instrument :

BNA_G

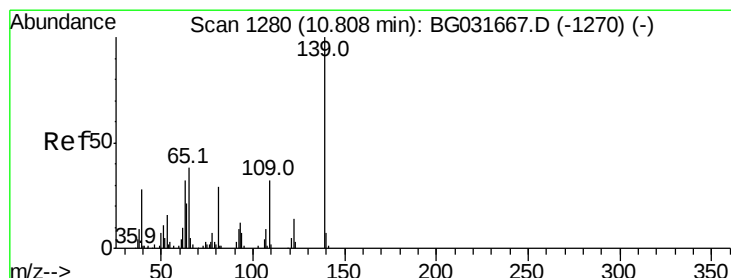
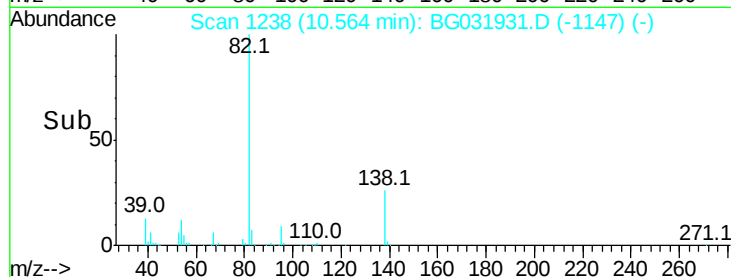
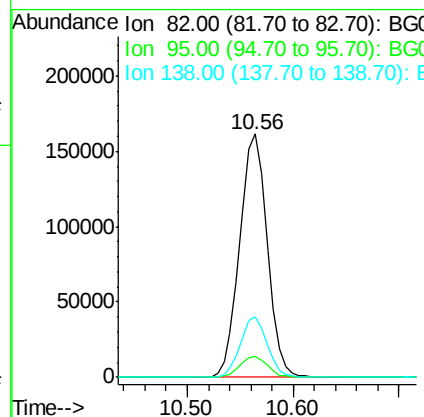
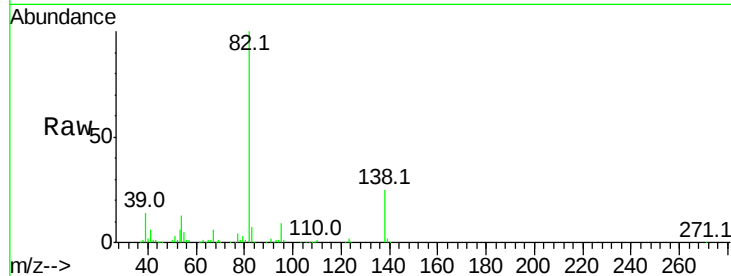
ClientSampleId :

PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.8	6.2	9.2	
138	24.7	12.1	18.1	

Manual Integrations
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#26

2-Nitrophenol

Concen: 55.626 ng

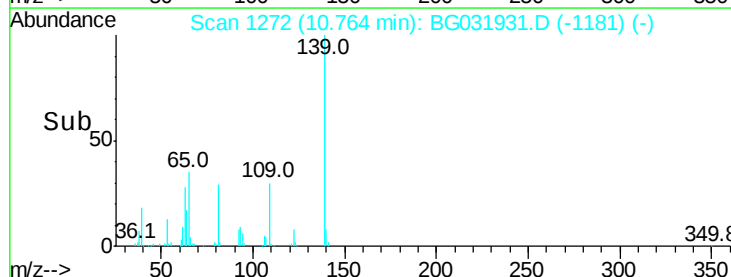
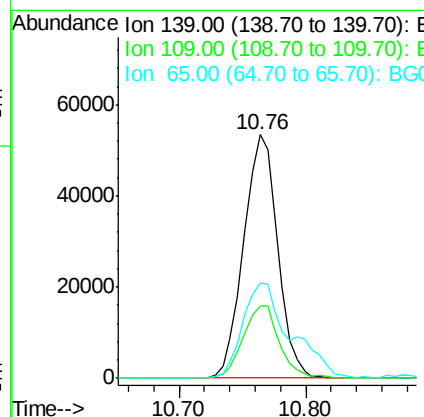
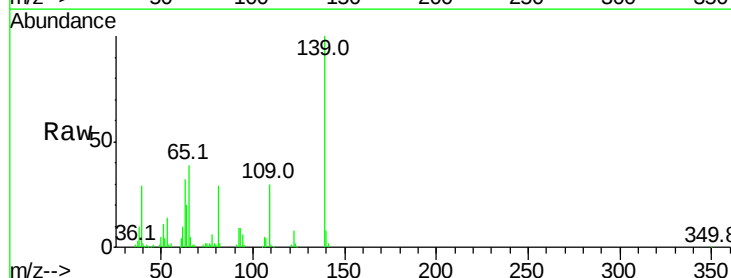
RT: 10.76 min Scan# 1272

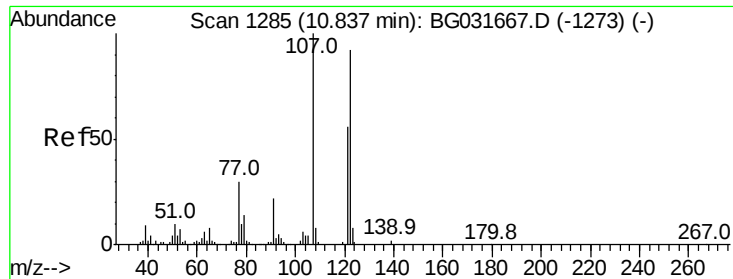
Delta R.T. 0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.7	24.2	36.2	
65	39.0	47.4	71.0	





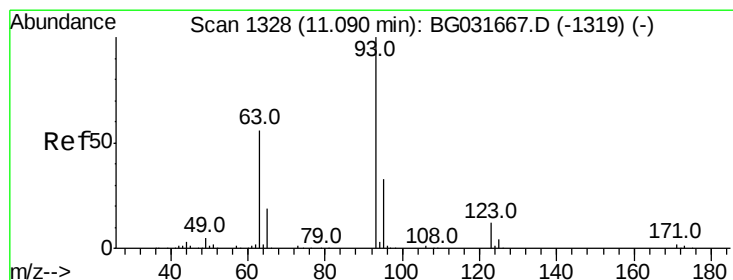
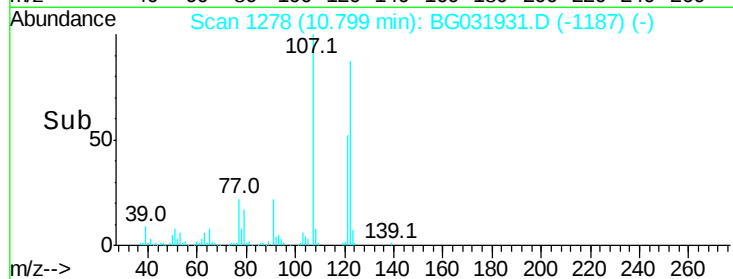
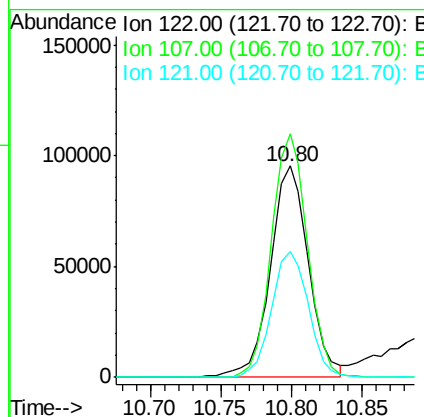
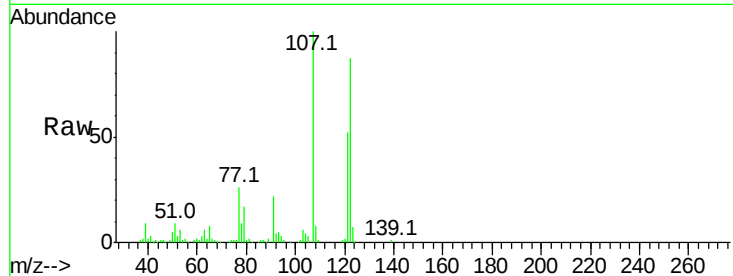
#27
 2,4-Dimethylphenol
 Concen: 47.828 ng
 RT: 10.80 min Scan# 1278
 Delta R.T. 0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampled :
 PB105488BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	100.2	150.2
121	59.6	44.4	66.6

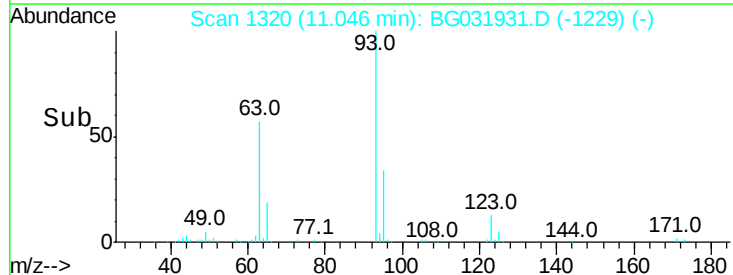
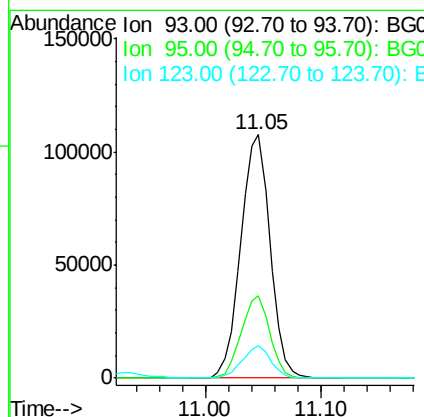
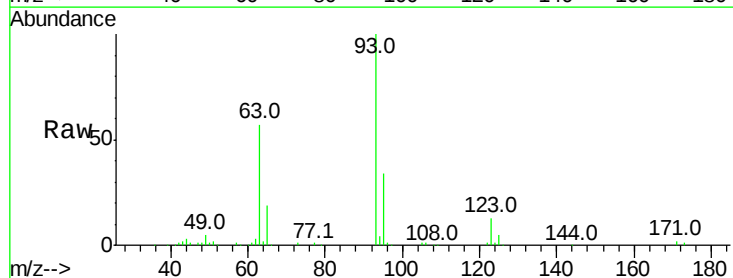
Manual Integrations
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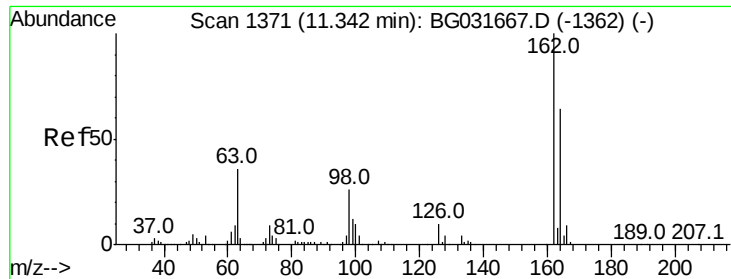
Sohil
 1/8/2018 4:22:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.586 ng
 RT: 11.05 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	24.3	36.5
123	13.3	8.4	12.6





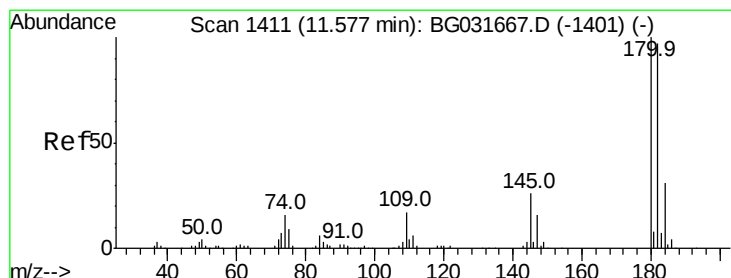
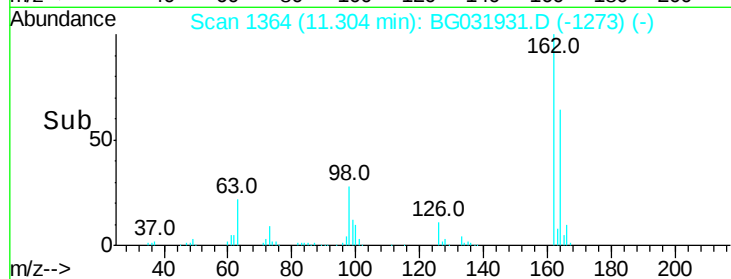
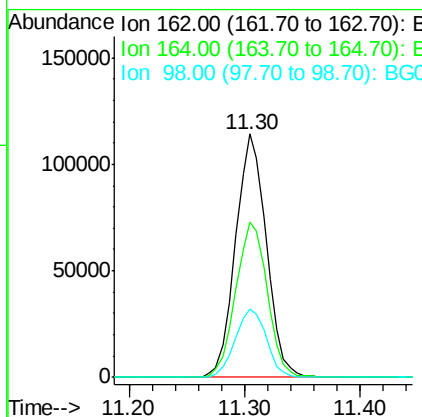
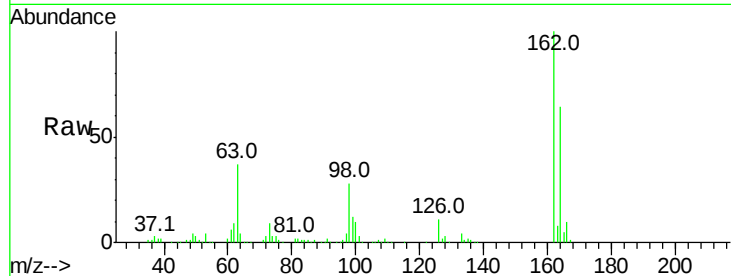
#29
2,4-Dichlorophenol
Concen: 47.682 ng
RT: 11.30 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	210689		
164	64.0	48.0	88.0	
98	28.2	21.1	61.1	

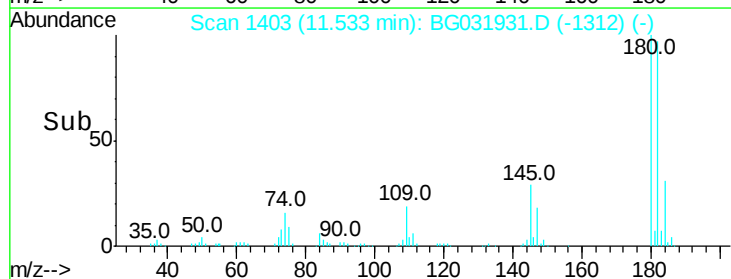
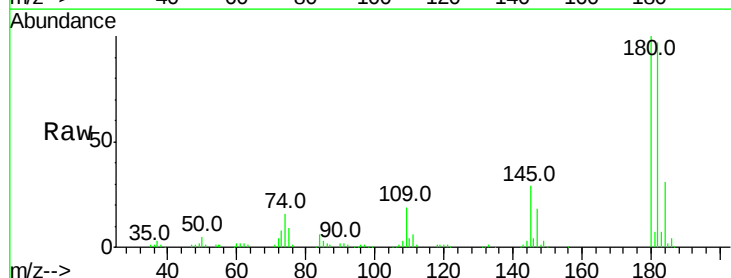
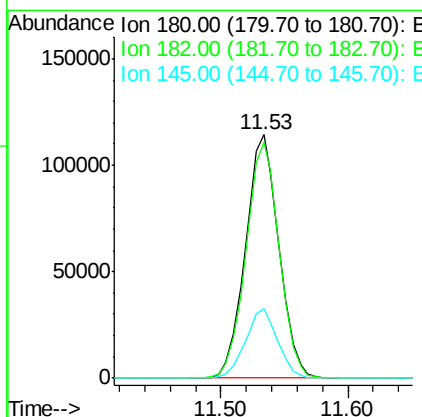
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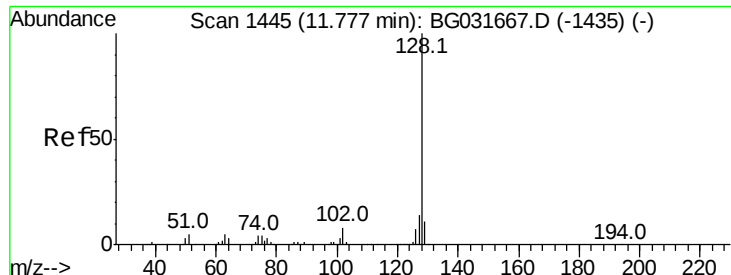
Sohil
1/8/2018 4:22:12 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.650 ng
RT: 11.53 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	208519		
182	96.7	77.5	116.3	
145	28.7	23.4	35.2	





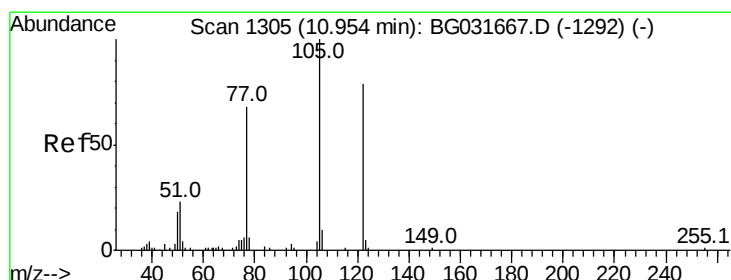
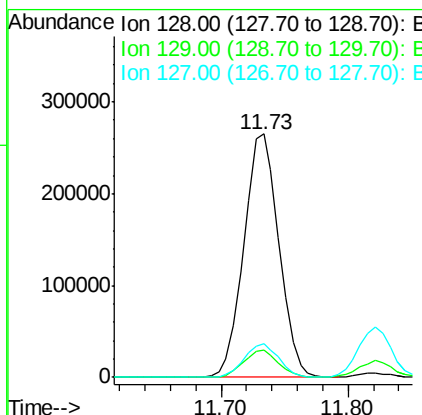
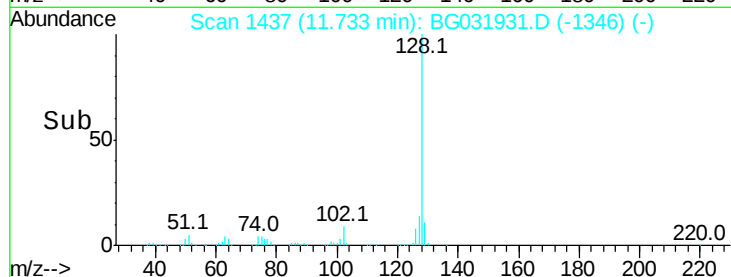
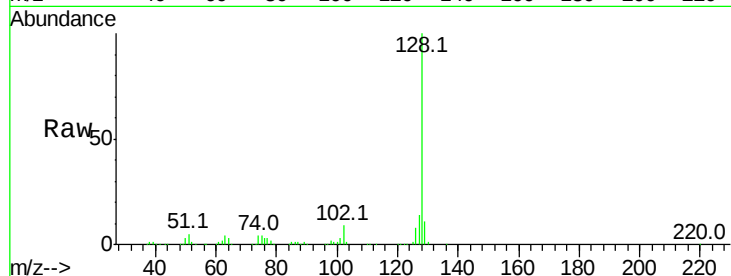
#31
Naphthalene
Concen: 40.262 ng
RT: 11.73 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.6	12.8	
127	14.0	11.6	17.4	

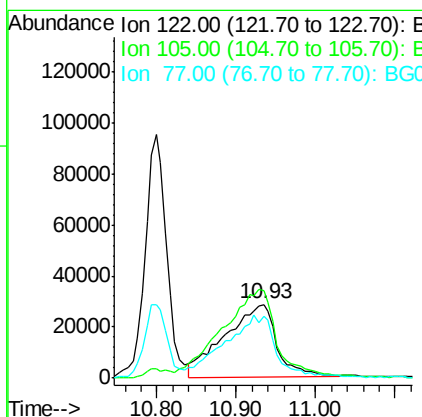
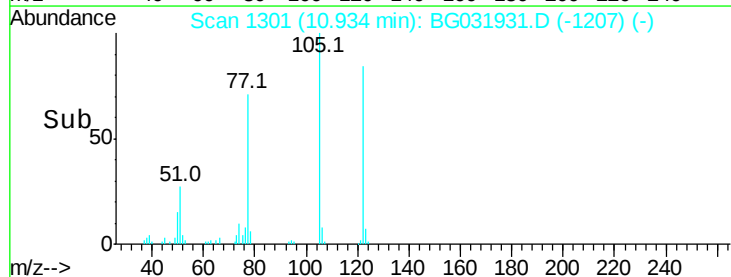
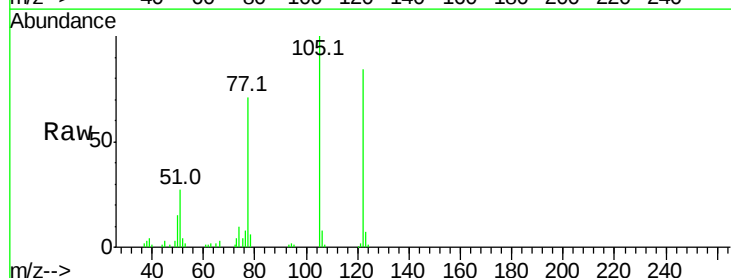
Manual Integrations
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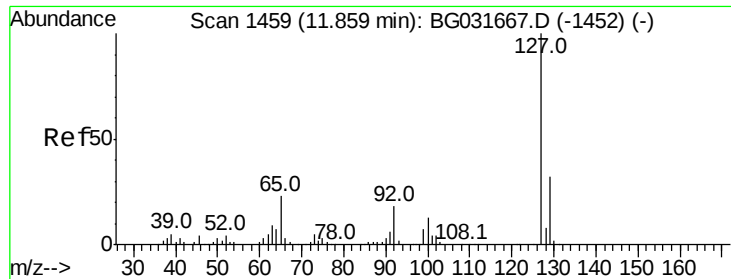
Sohil
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#32
Benzoic acid
Concen: 50.002 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.02 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	119.4	123.5	163.5#	
77	84.8	85.7	125.7#	





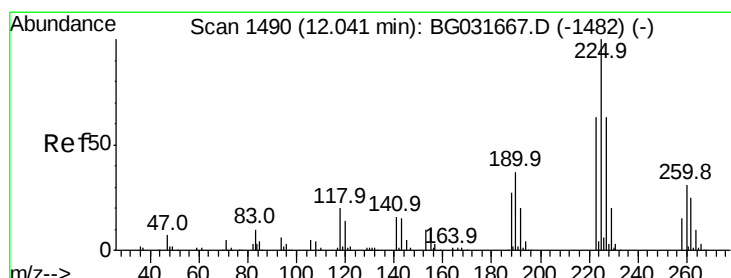
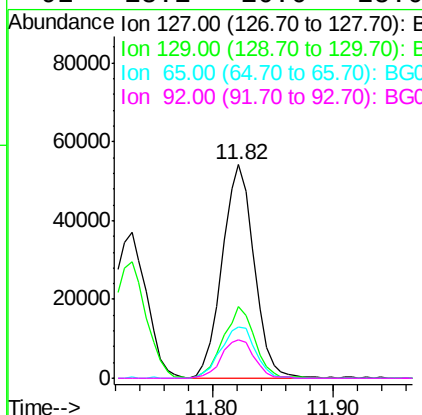
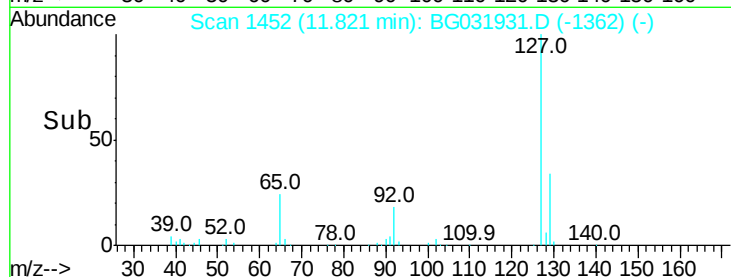
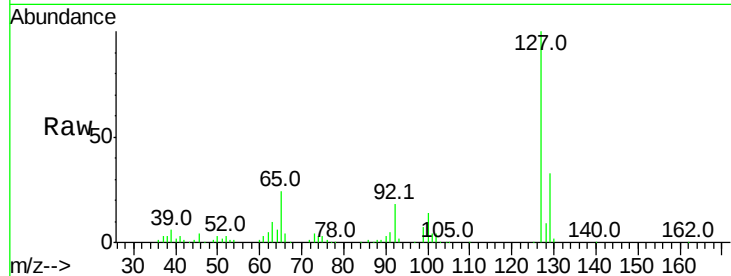
#33
4-Chloroaniline
Concen: 17.735 ng
RT: 11.82 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	24.0	36.0		
65	24.1	27.0	40.4		
92	18.1	16.6	25.0		

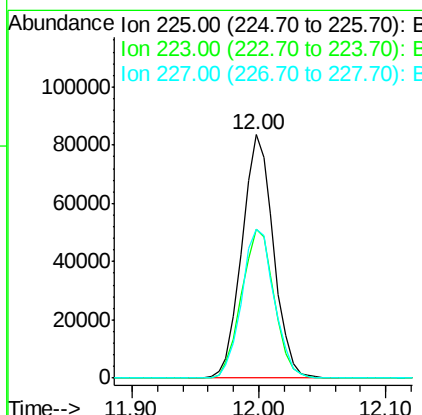
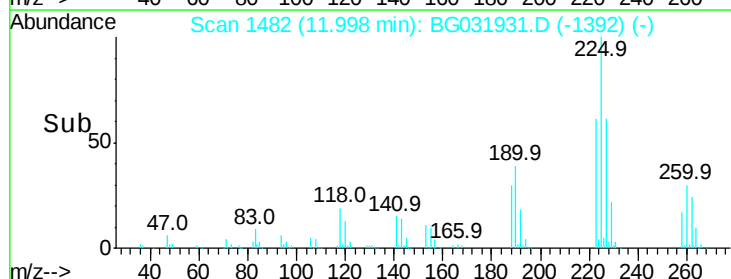
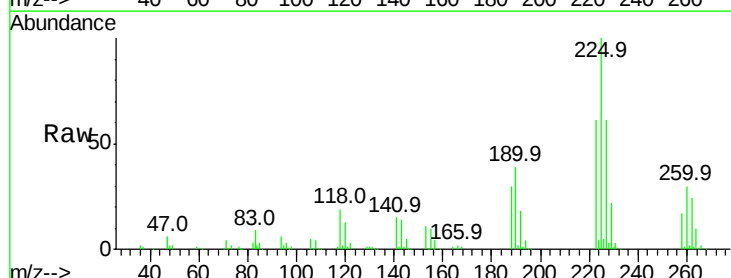
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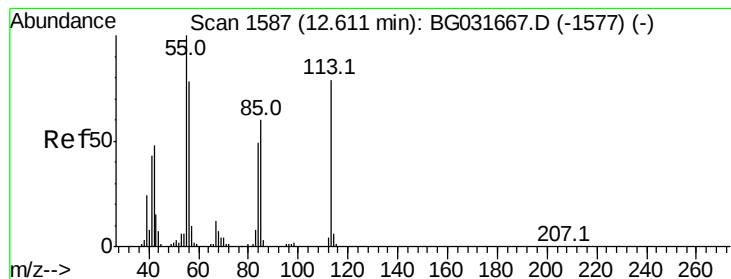
Sohil
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#34
Hexachlorobutadiene
Concen: 38.774 ng
RT: 12.00 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	49.7	74.5		
227	60.9	48.1	72.1		





#35

Caprolactam

Concen: 50.782 ng

RT: 12.59 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Instrument :

BNA_G

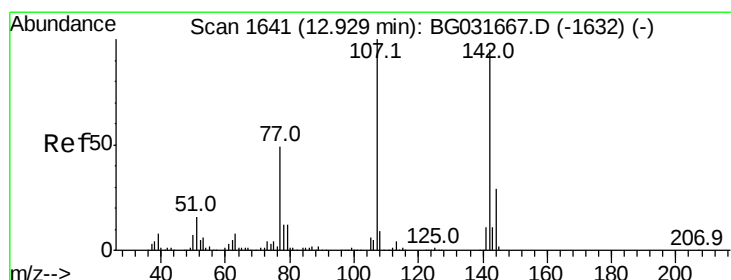
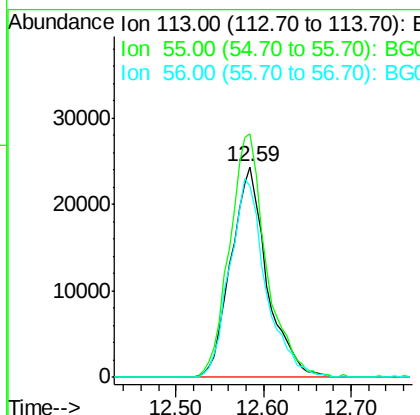
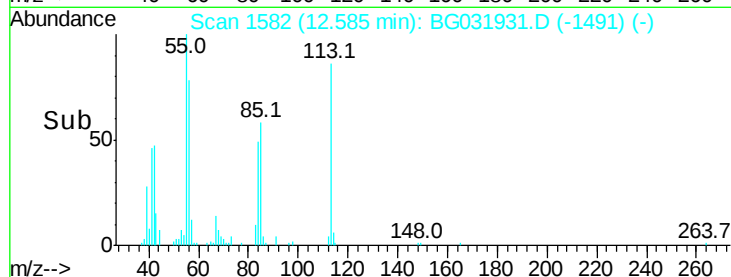
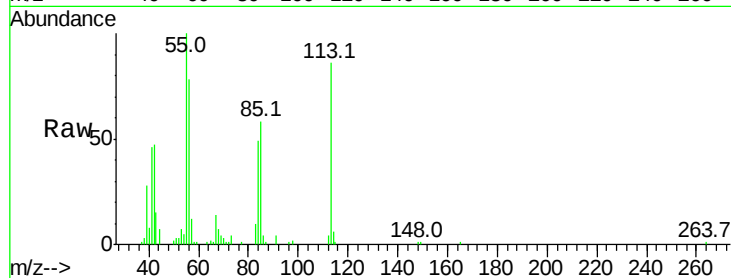
ClientSampleId :

PB105488BS

Tot Ion:113	Resp:	68015
Ion Ratio	Lower	Upper
113 100		
55 115.7	186.9	226.9#
56 90.6	130.9	170.9#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 47.029 ng

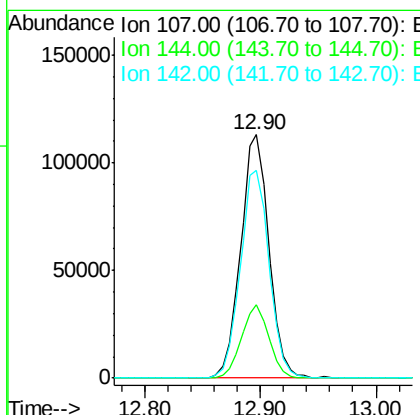
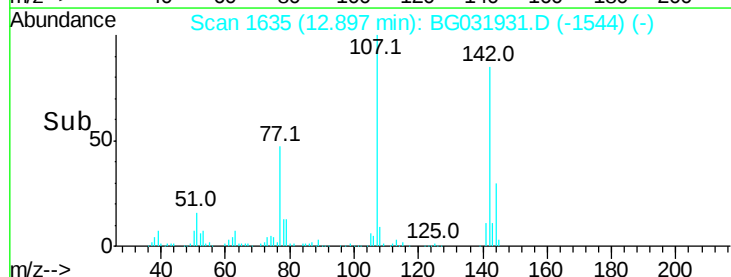
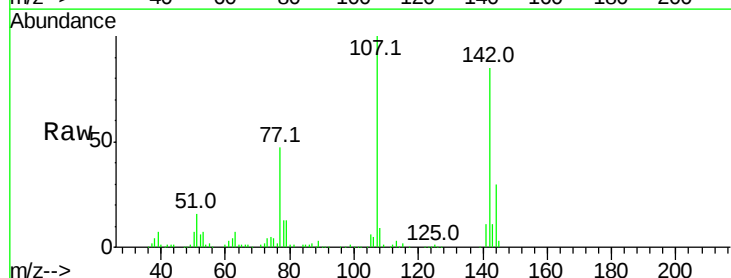
RT: 12.90 min Scan# 1635

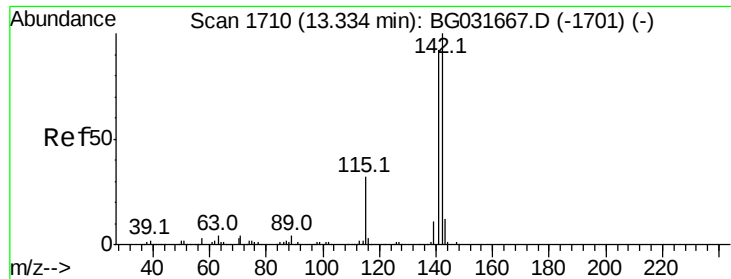
Delta R.T. 0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Tgt Ion:107	Resp:	191917
Ion Ratio	Lower	Upper
107 100		
144 30.0	18.2	27.4#
142 85.4	59.0	88.4





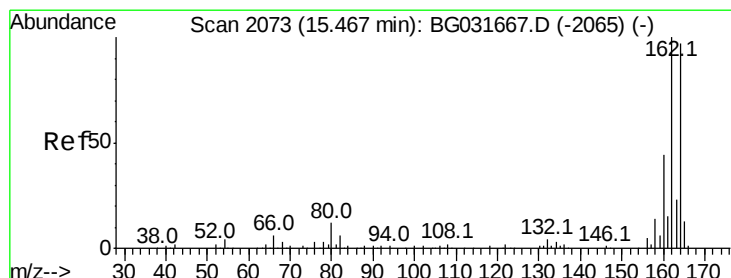
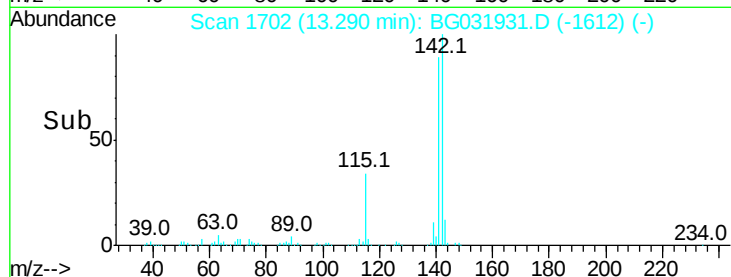
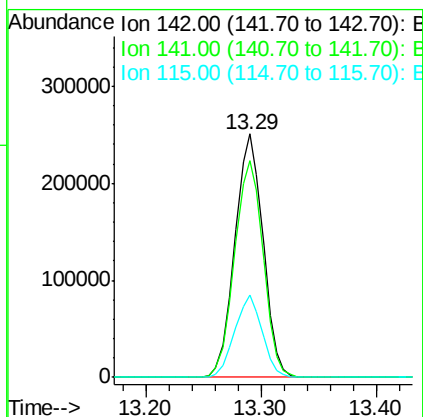
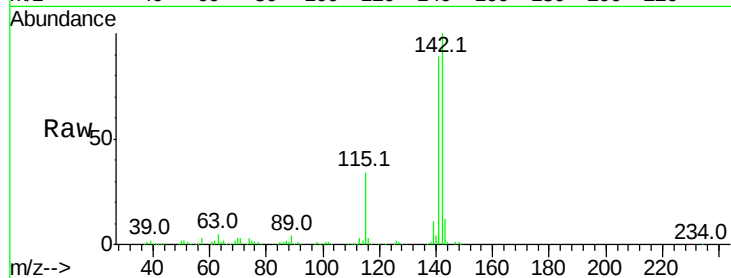
#37
2-Methylnaphthalene
Concen: 41.339 ng
RT: 13.29 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	67.1	100.7
115	33.6	30.7	46.1

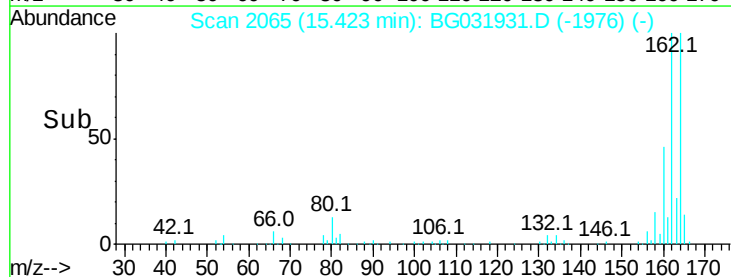
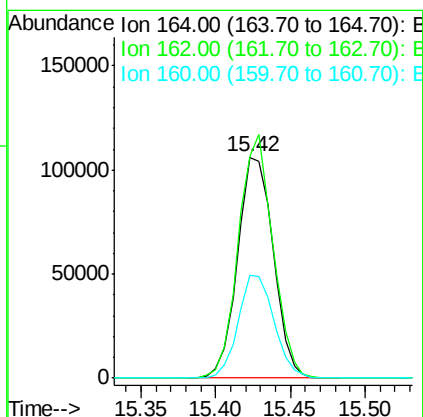
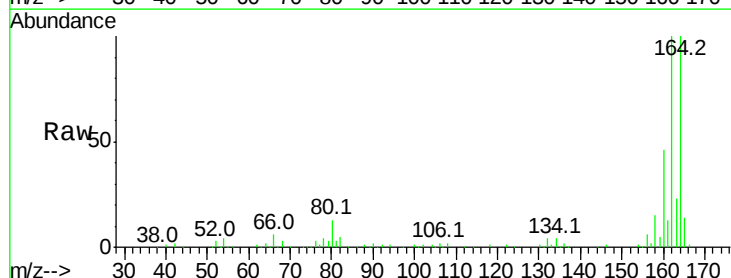
Manual Integrations
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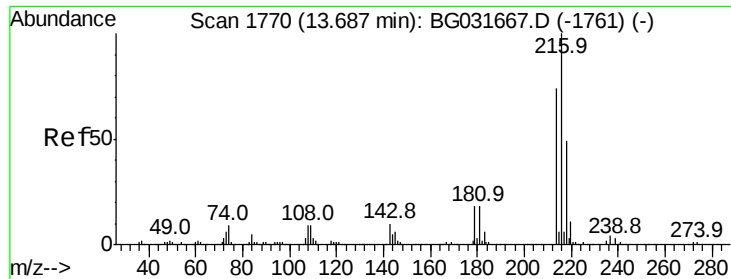
Sohil
1/8/2018 4:22:12 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	46.4	35.4	53.0





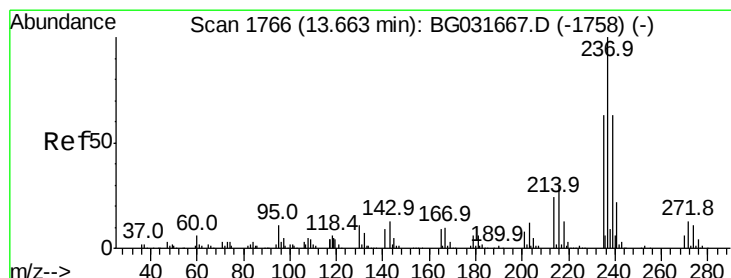
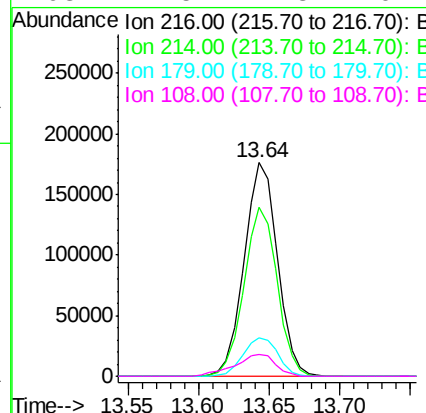
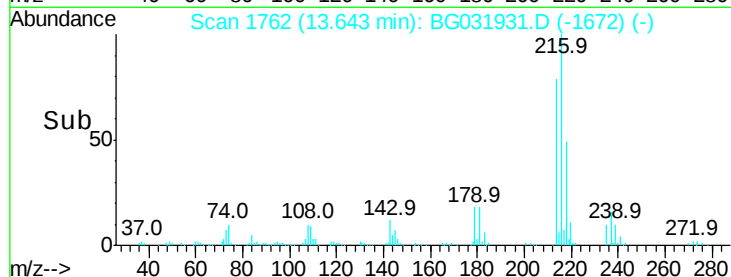
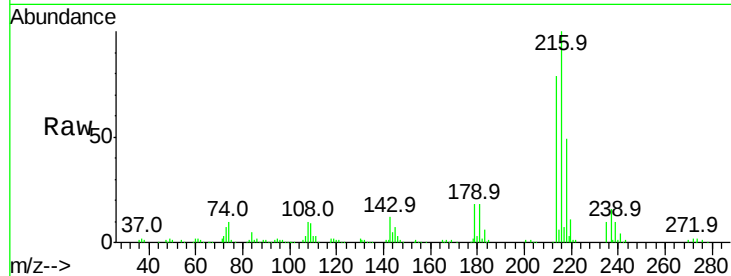
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.106 ng
 RT: 13.64 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	290573		
214	78.8	63.0	94.4	
179	18.9	17.0	25.6	
108	12.5	12.8	19.2	

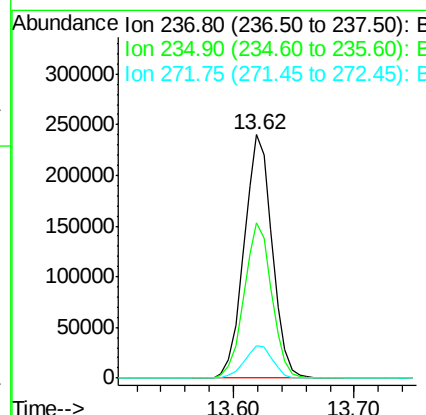
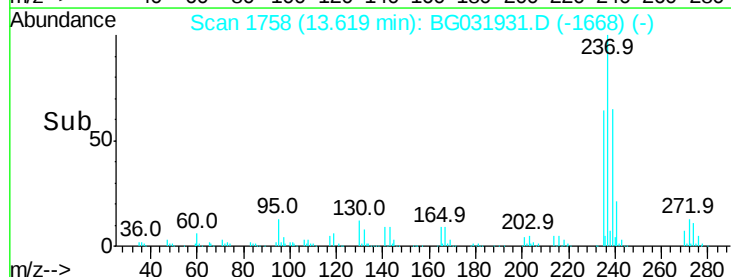
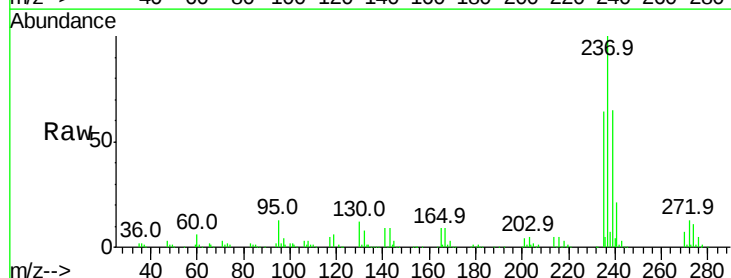
Manual Integrations
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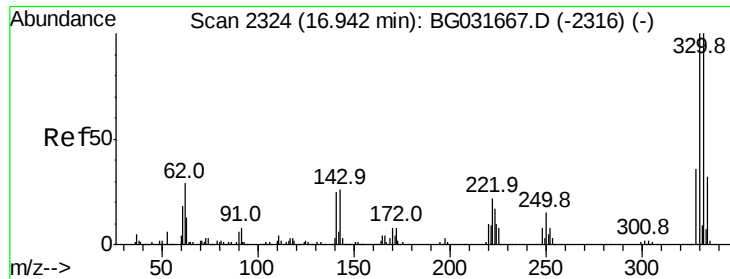
Sohil
 1/8/2018 4:22:12 PM



#40
 Hexachlorocyclopentadiene
 Concen: 98.880 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	387587		
235	63.6	50.4	90.4	
272	13.4	0.0	31.8	





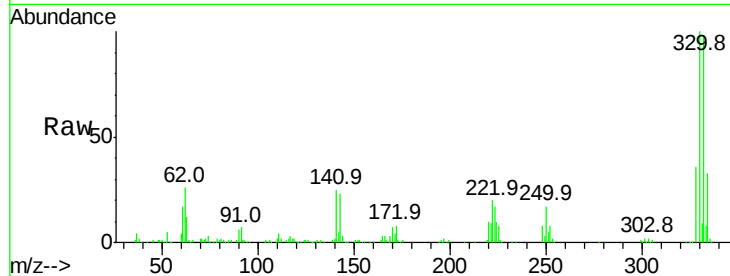
#41
 2,4,6-Tribromophenol
 Concen: 142.390 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.0	115.6	
141	26.8	25.2	37.8	

Manual Integrations
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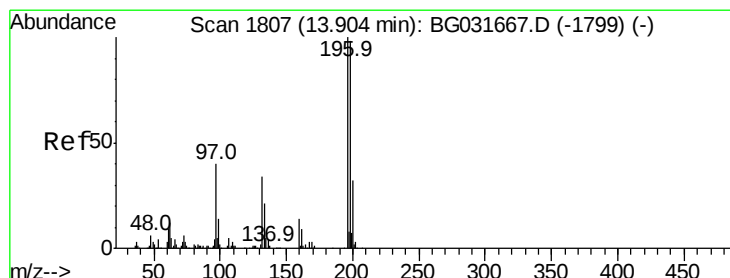
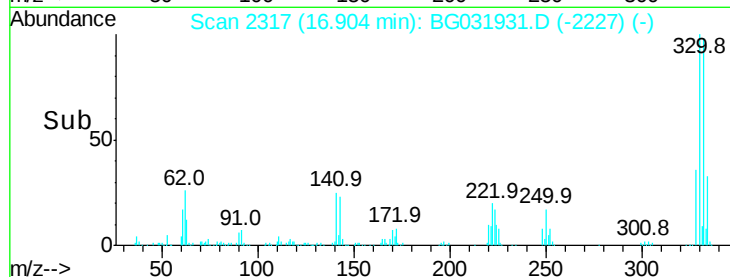
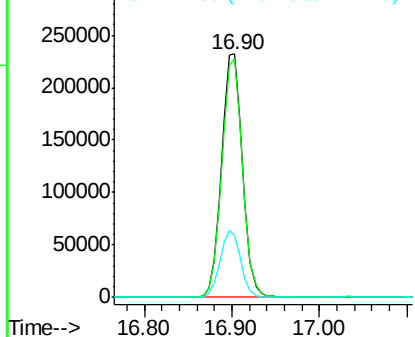


Abundance

Ion 329.80 (329.50 to 330.50): E

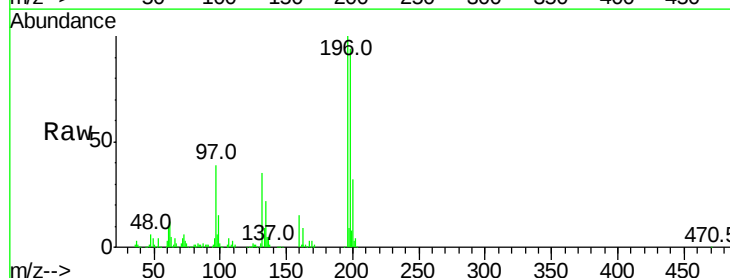
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.480 ng
 RT: 13.87 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.4	78.2	117.2	
200	31.7	24.6	36.8	

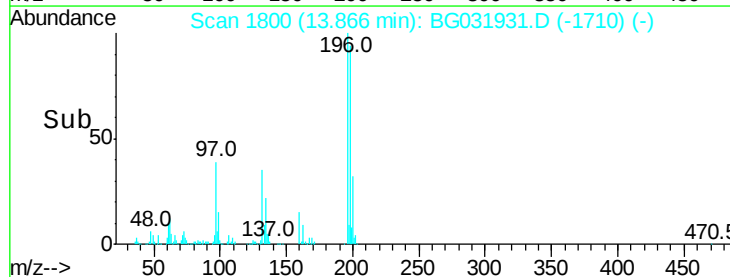
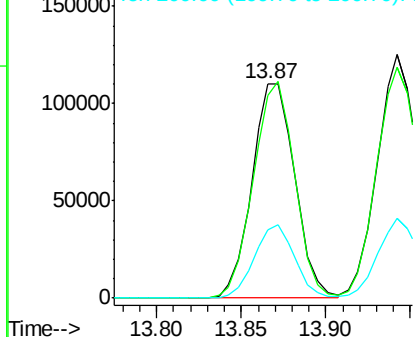


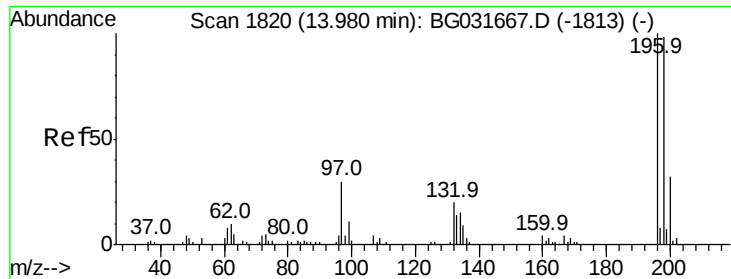
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





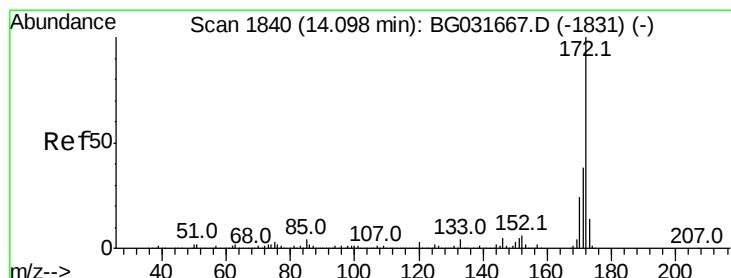
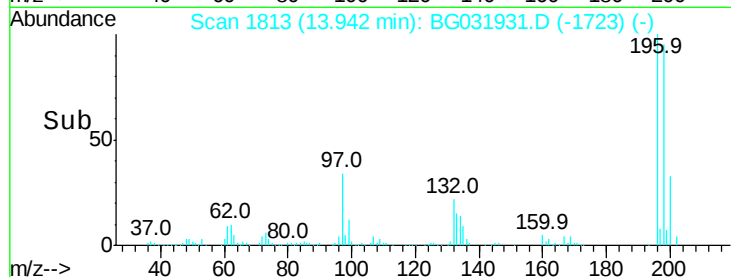
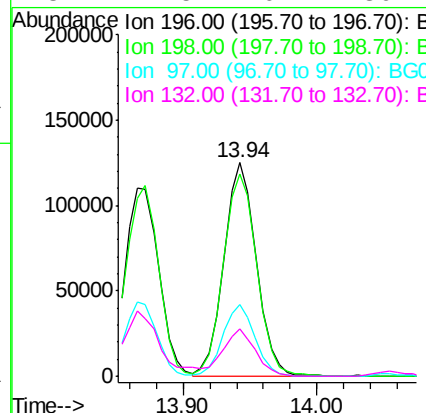
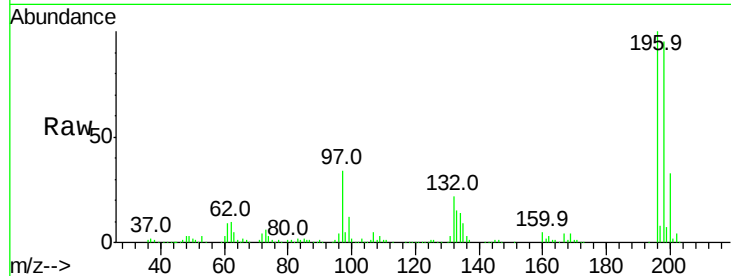
#43
 2,4,5-Trichlorophenol
 Concen: 44.917 ng
 RT: 13.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	213248		
198	94.6	76.2	114.4	
97	33.7	38.7	58.1	#
132	22.5	20.2	30.2	

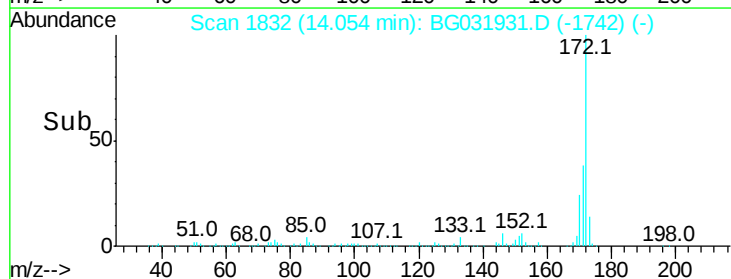
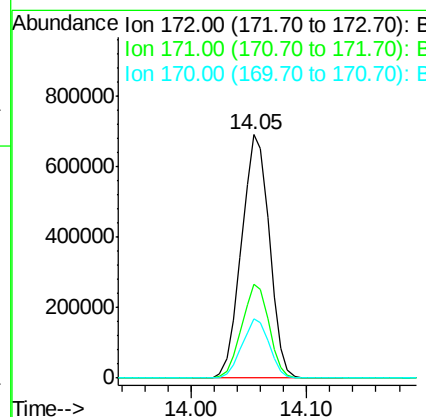
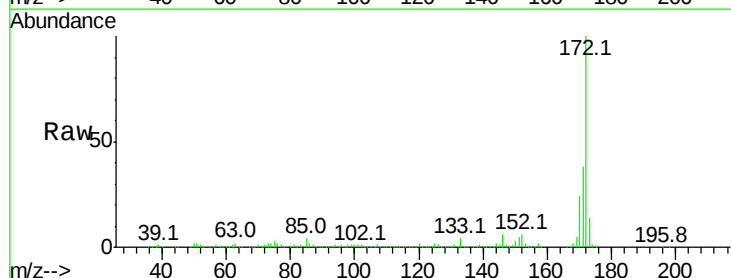
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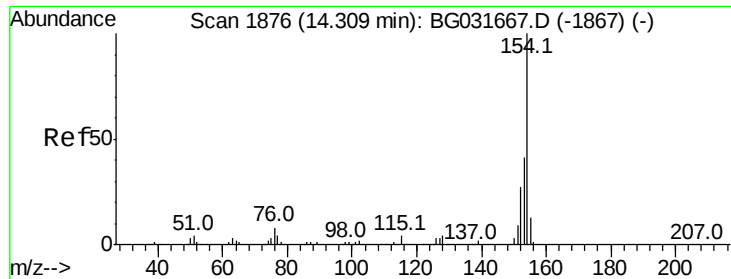
Sohil
 1/8/2018 4:22:12 PM



#44
 2-Fluorobiphenyl
 Concen: 82.059 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1153310		
171	38.4	30.0	45.0	
170	24.2	19.5	29.3	





#45

1,1'-Biphenyl

Concen: 40.464 ng

RT: 14.27 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Instrument :

BNA_G

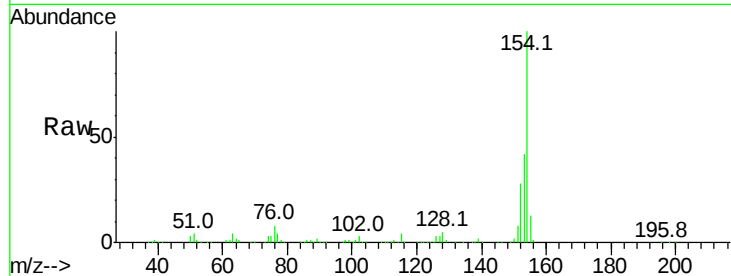
ClientSampleId :

PB105488BS

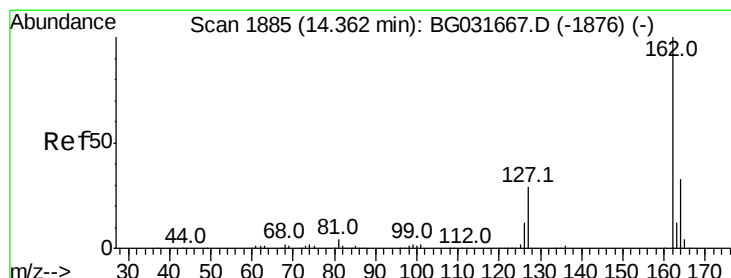
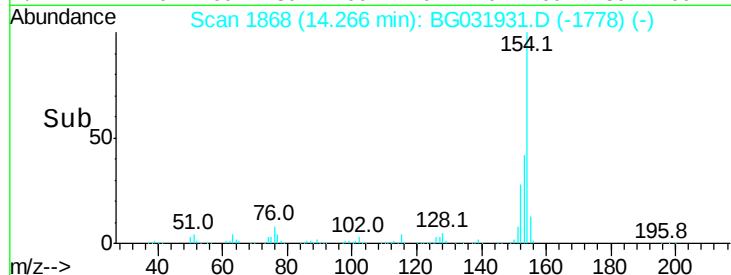
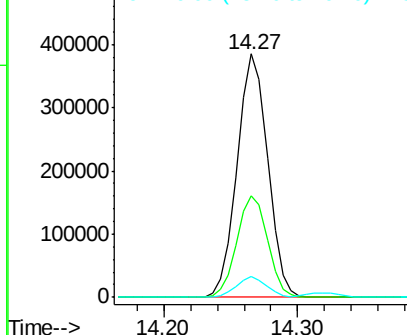
Tot Ion:	154	Resp:	609654
Ion Ratio	Lower	Upper	
154	100		
153	41.7	19.8	59.8
76	8.4	0.0	31.9

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



#46

2-Chloronaphthalene

Concen: 39.808 ng

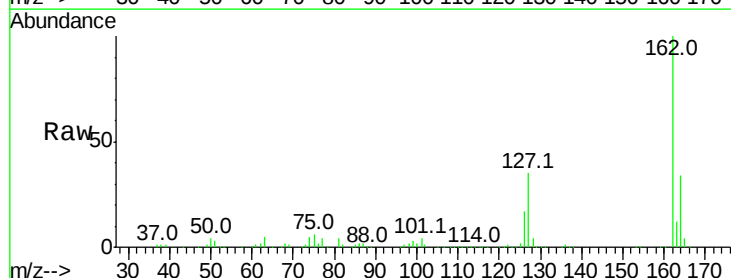
RT: 14.32 min Scan# 1877

Delta R.T. 0.00 min

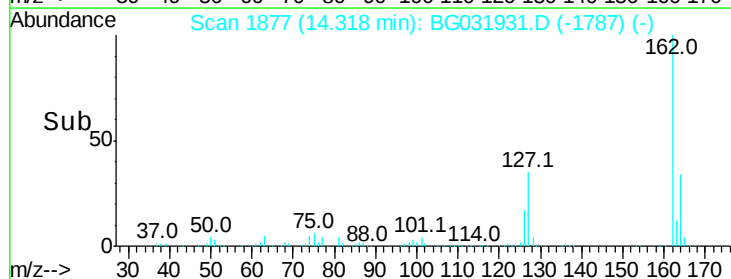
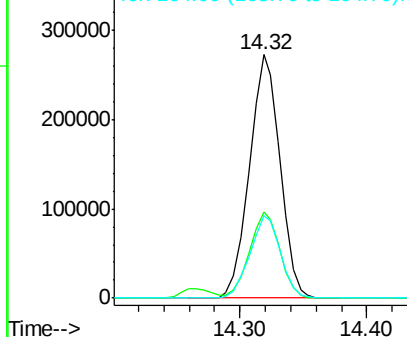
Lab File: BG031931.D

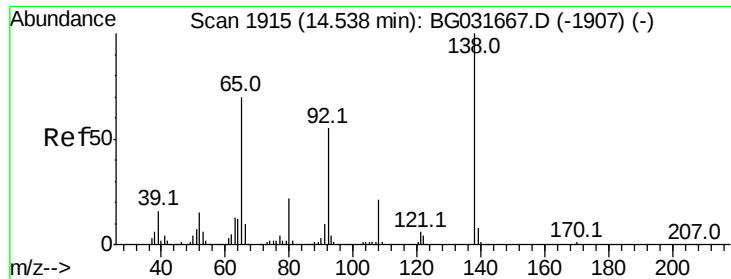
Acq: 5 Jan 2018 14:07

Tgt Ion:	162	Resp:	457485
Ion Ratio	Lower	Upper	
162	100		
127	35.2	30.7	46.1
164	33.9	26.0	39.0



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





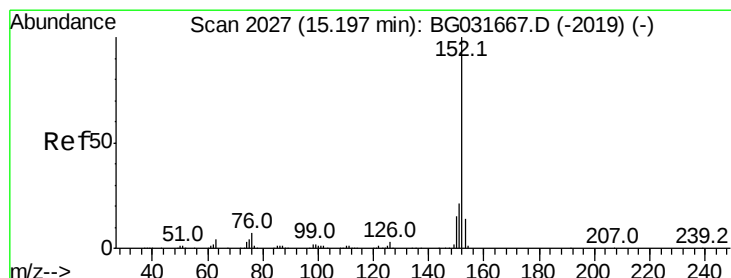
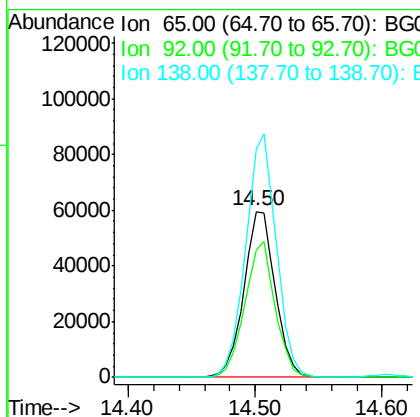
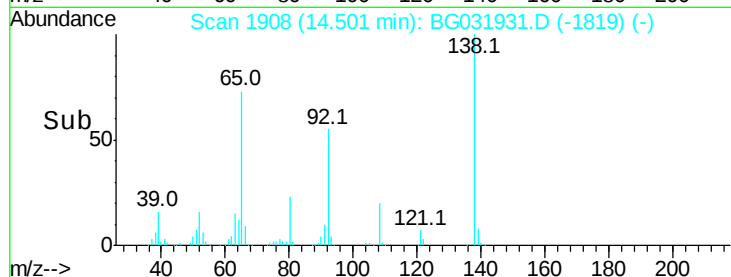
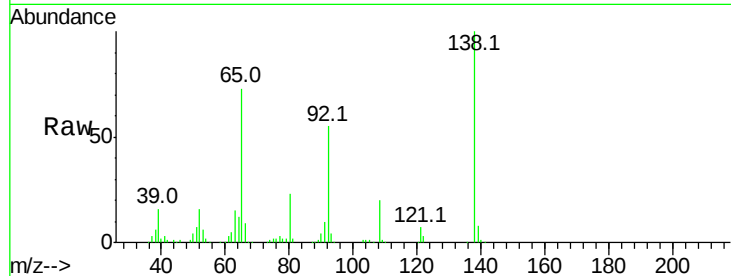
#47
2-Nitroaniline
Concen: 51.480 ng
RT: 14.50 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.4	54.6	82.0
138	137.7	72.9	109.3

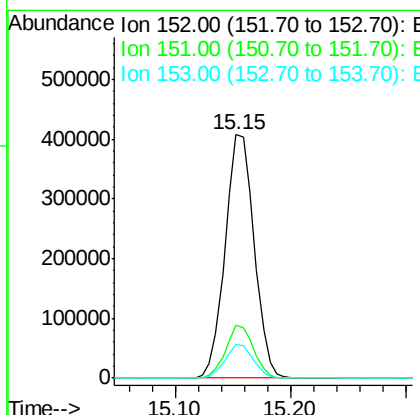
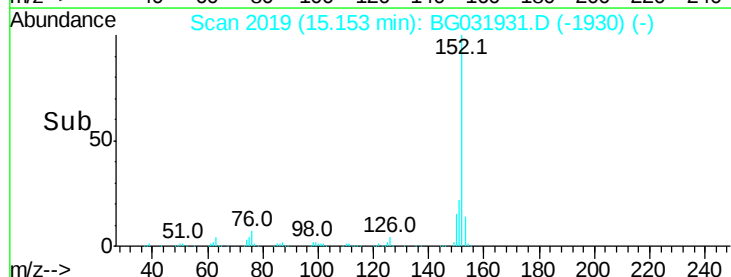
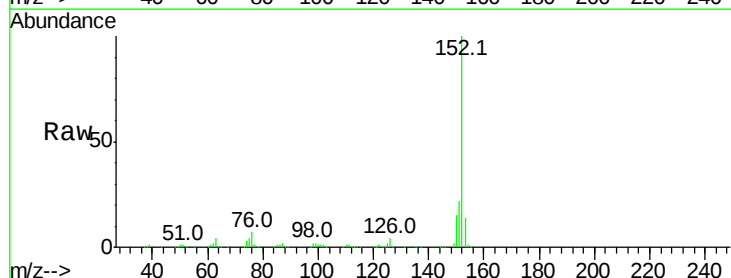
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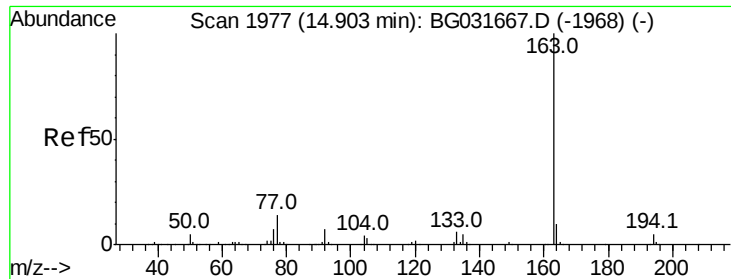
Sohil
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#48
Acenaphthylene
Concen: 38.544 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	13.6	10.2	15.4





#49

Dimethylphthalate

Concen: 39.267 ng

RT: 14.86 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Instrument :

BNA_G

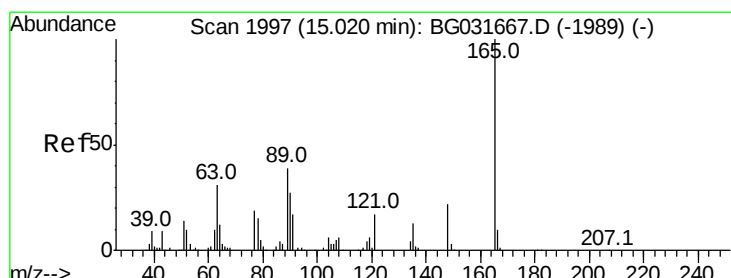
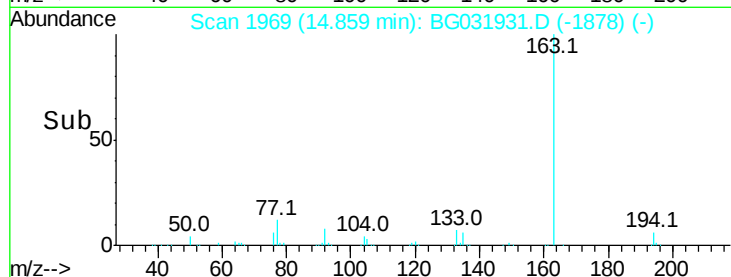
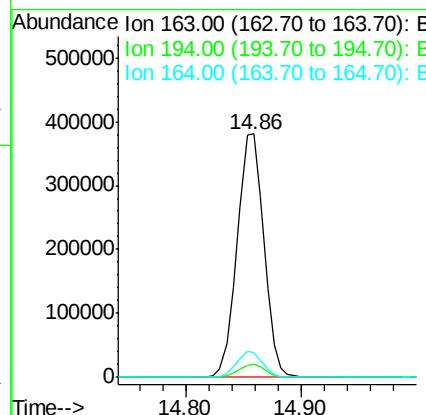
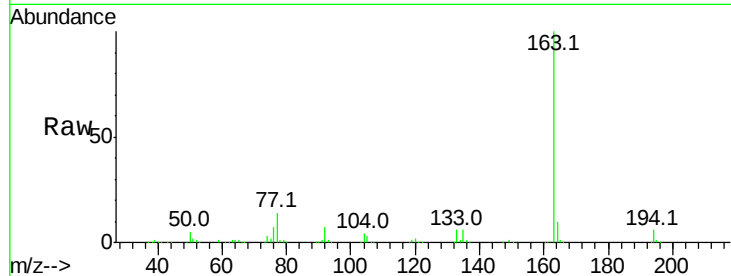
ClientSampleId :

PB105488BS

Tot Ion:	163	Resp:	610231
Ion Ratio	Lower	Upper	
163	100		
194	5.6	3.4	5.2#
164	10.1	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 49.029 ng

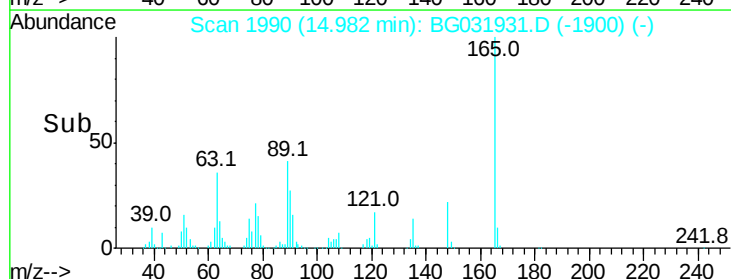
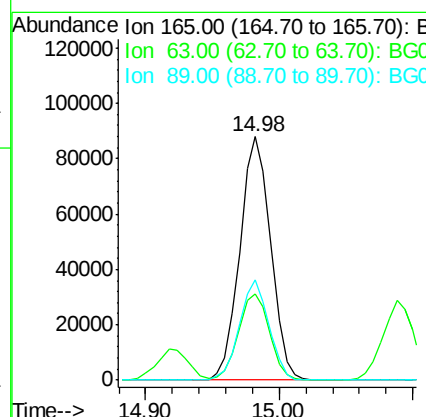
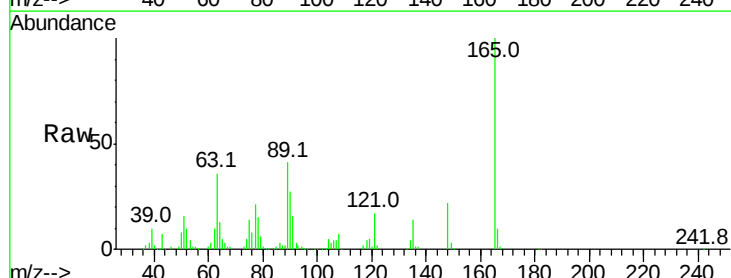
RT: 14.98 min Scan# 1990

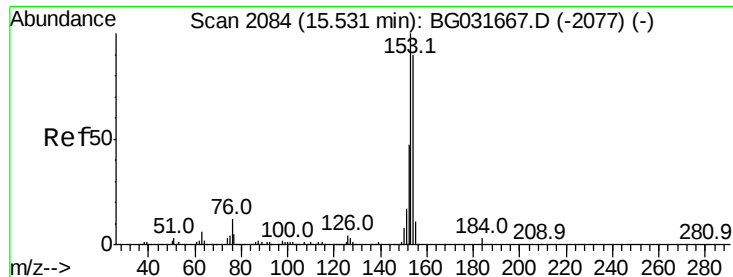
Delta R.T. 0.00 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Tgt Ion:	165	Resp:	140167
Ion Ratio	Lower	Upper	
165	100		
63	35.5	52.7	79.1#
89	41.2	49.2	73.8#





#51

Acenaphthene

Concen: 44.353 ng

RT: 15.49 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Instrument :

BNA_G

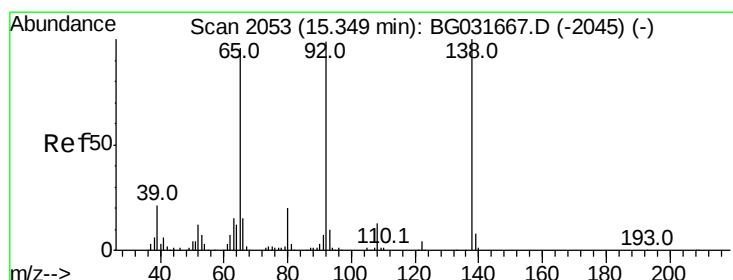
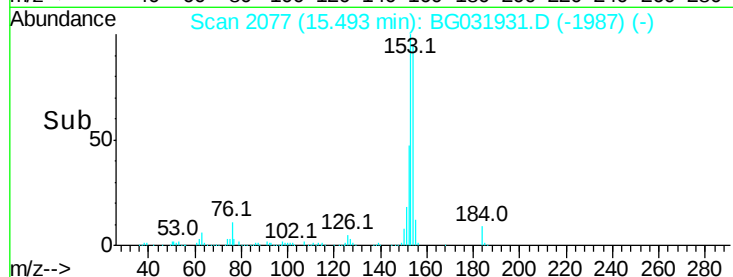
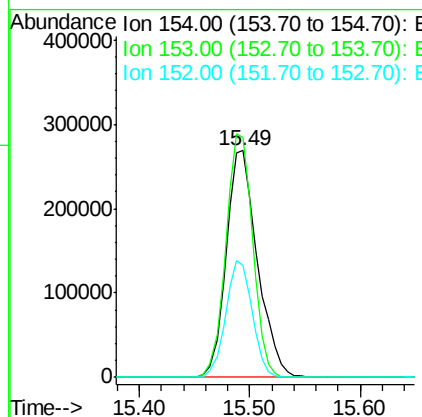
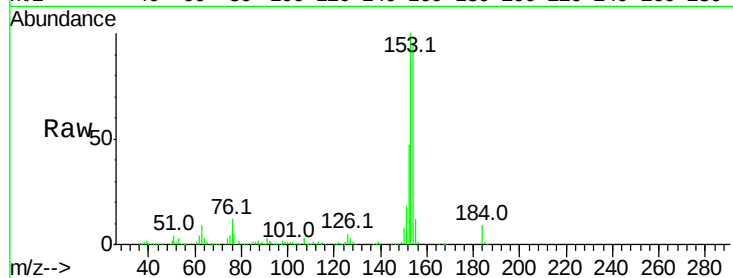
ClientSampleId :

PB105488BS

Tot Ion:	154	Resp:	534057
Ion Ratio	Lower	Upper	
154	100		
153	105.5	90.4	135.6
152	49.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 24.766 ng

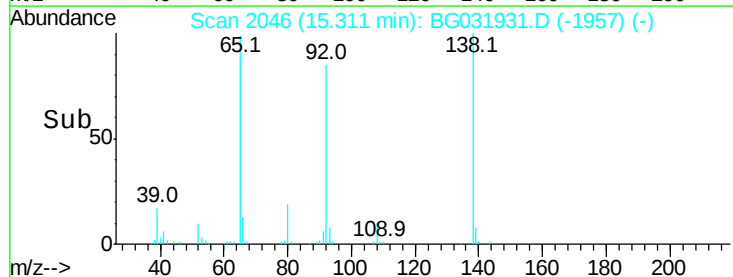
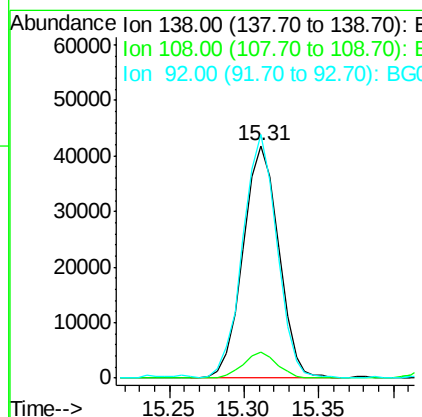
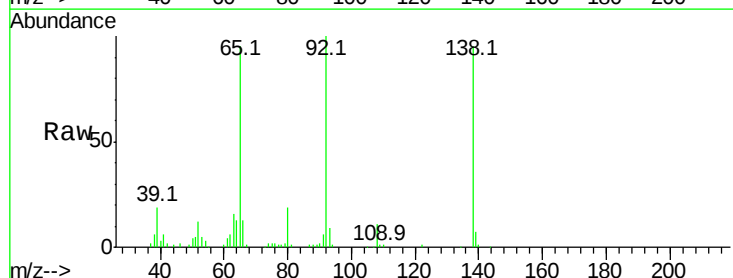
RT: 15.31 min Scan# 2046

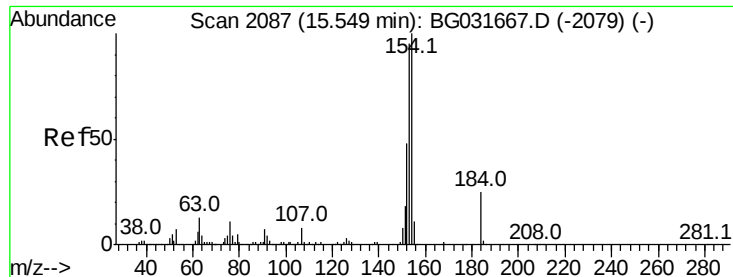
Delta R.T. -0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Tgt Ion:	138	Resp:	69078
Ion Ratio	Lower	Upper	
138	100		
108	11.4	17.5	26.3#
92	104.8	105.8	158.8#





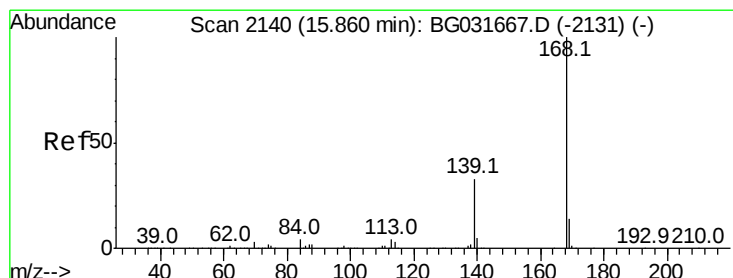
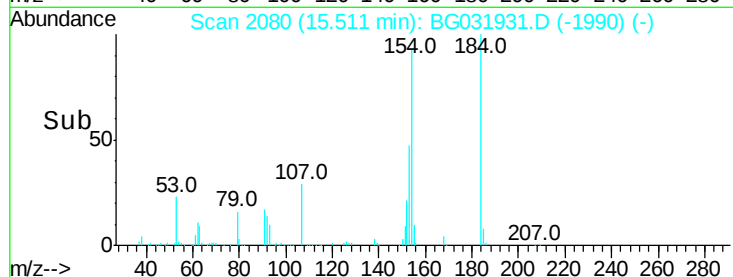
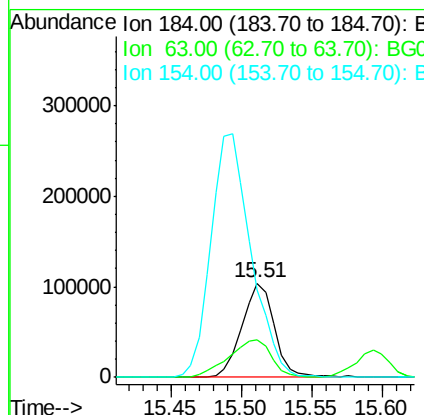
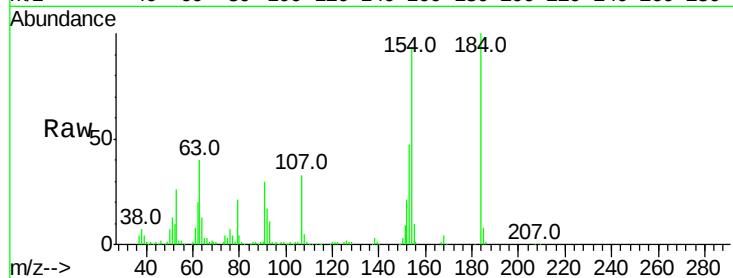
#53
 2,4-Dinitrophenol
 Concen: 132.707 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	39.5	59.8	89.8#
154	92.8	101.8	152.8#

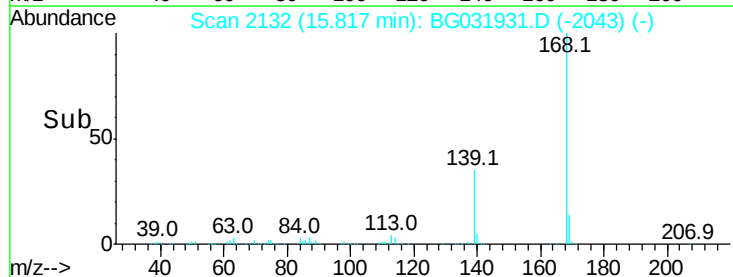
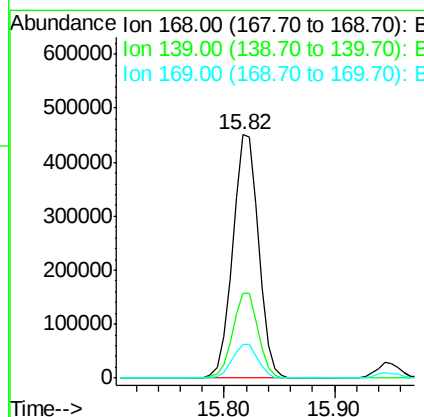
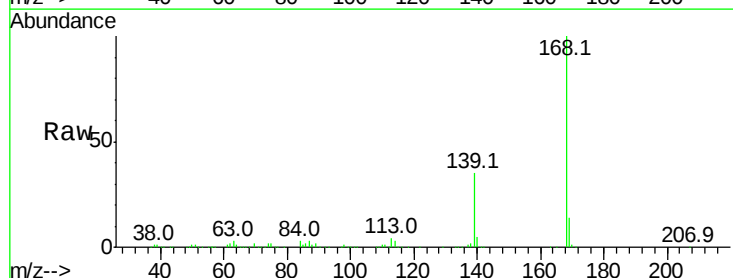
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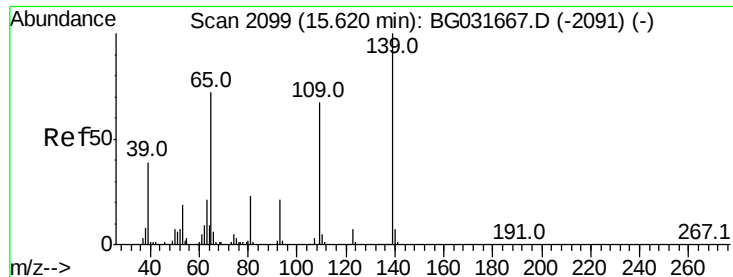
Sohil
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#54
 Dibenzofuran
 Concen: 39.999 ng
 RT: 15.82 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.1	28.6	43.0
169	14.1	11.2	16.8





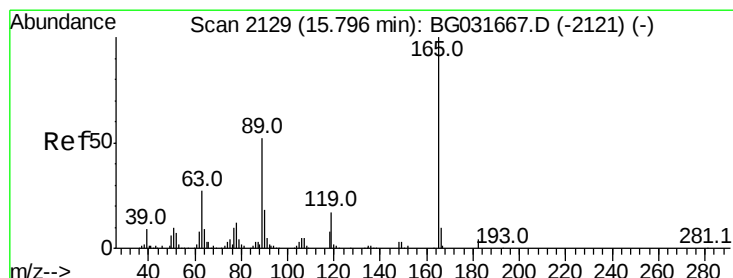
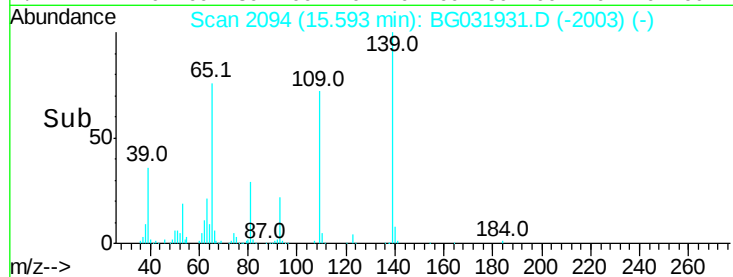
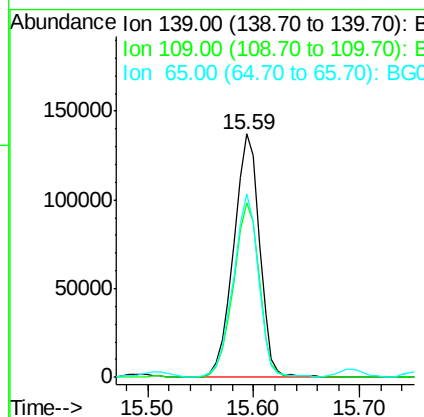
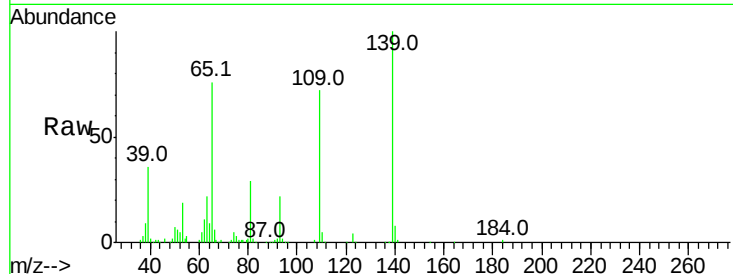
#55
4-Nitrophenol
Concen: 102.035 ng
RT: 15.59 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.6	62.2	102.2	
65	75.6	97.2	137.2	

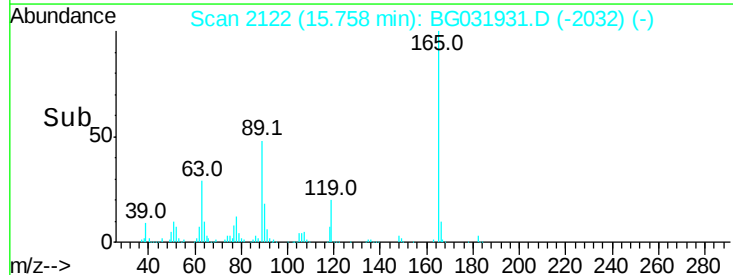
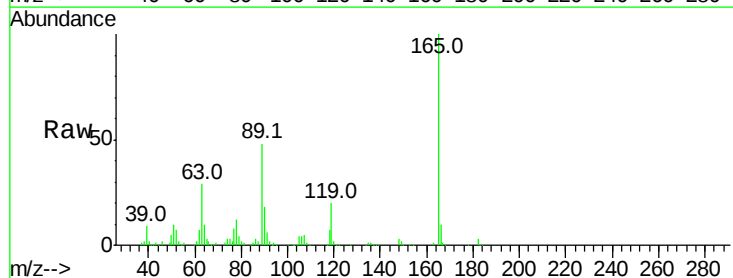
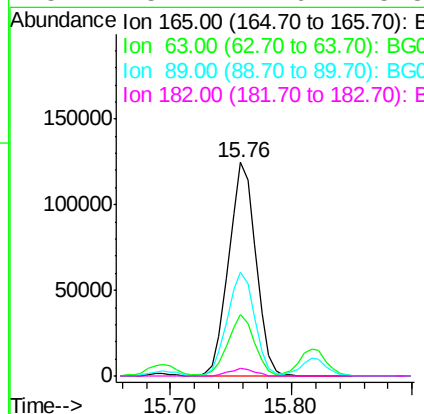
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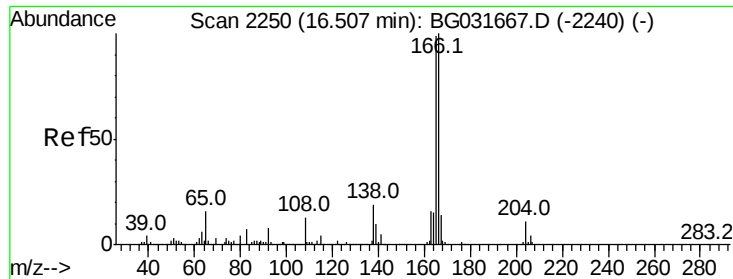
Sohil
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#56
2,4-Dinitrotoluene
Concen: 53.119 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	28.6	42.0	63.0	
89	48.3	66.9	100.3	
182	3.4	2.6	3.8	





#57

Fluorene

Concen: 39.429 ng

RT: 16.46 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Instrument :

BNA_G

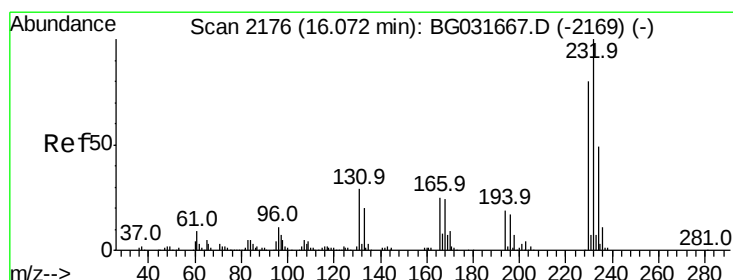
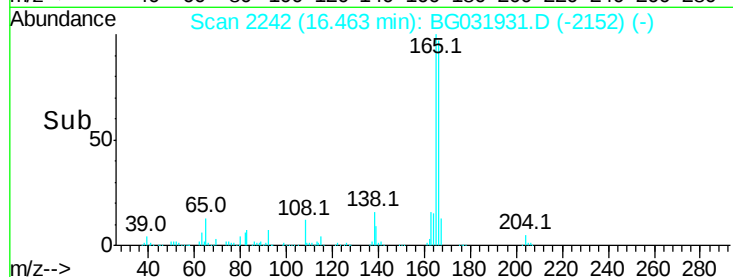
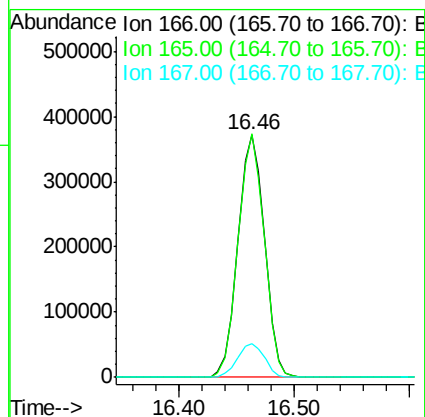
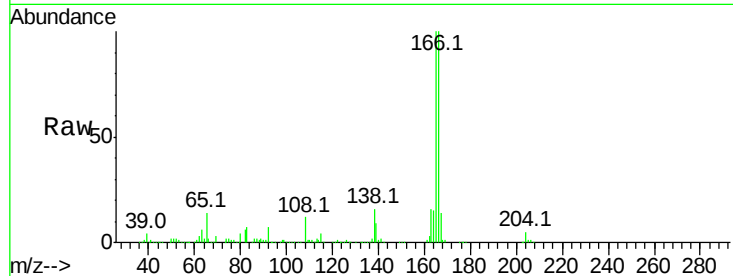
ClientSampleId :

PB105488BS

Tot Ion:	166	Resp:	591216
Ion Ratio	Lower	Upper	
166	100		
165	100.4	80.6	121.0
167	14.0	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.714 ng

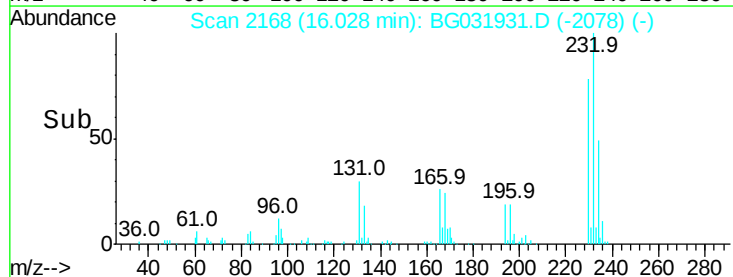
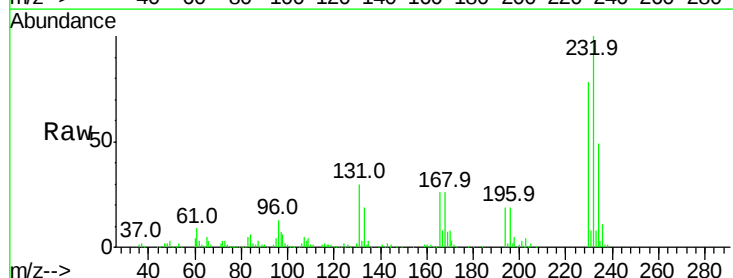
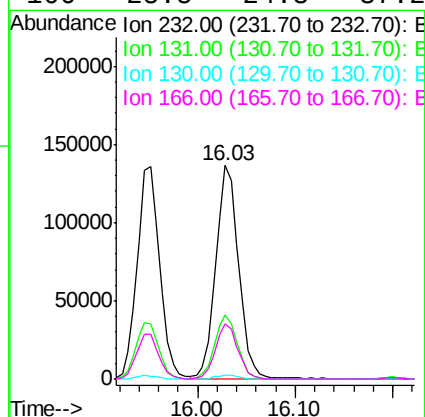
RT: 16.03 min Scan# 2168

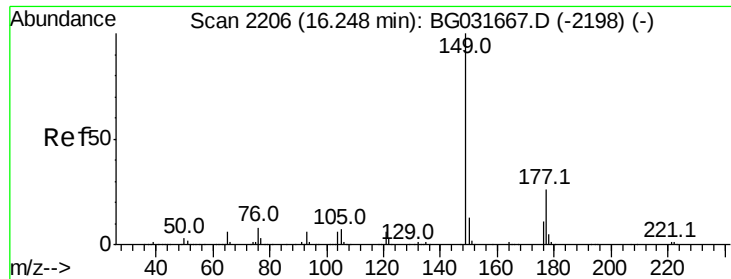
Delta R.T. 0.00 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Tgt Ion:	232	Resp:	221009
Ion Ratio	Lower	Upper	
232	100		
131	29.5	33.5	50.3#
130	1.8	2.2	3.2#
166	25.5	24.8	37.2





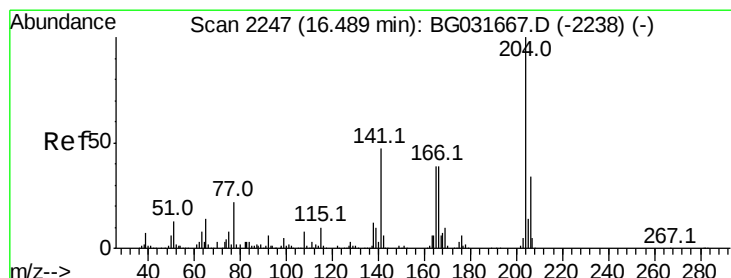
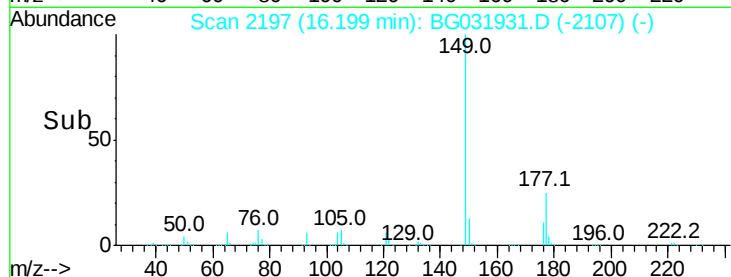
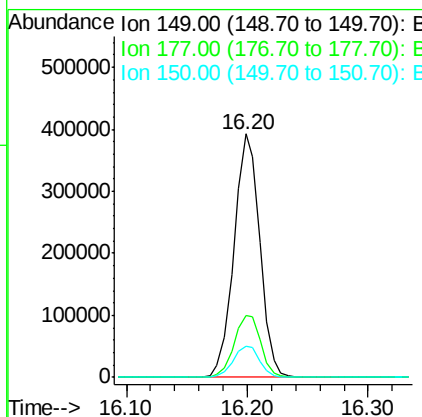
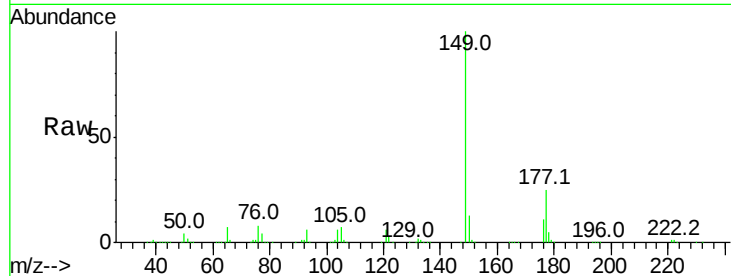
#59
Diethylphthalate
Concen: 38.477 ng
RT: 16.20 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	582813		
177	25.3	18.5	27.7	
150	13.0	10.2	15.2	

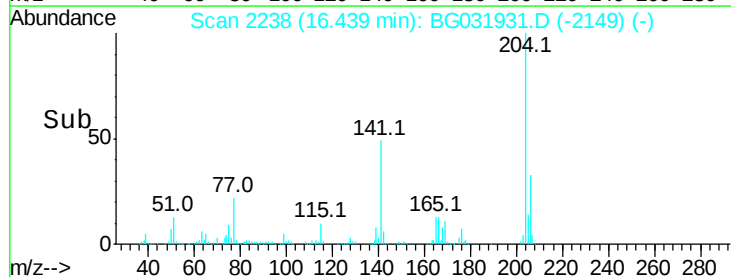
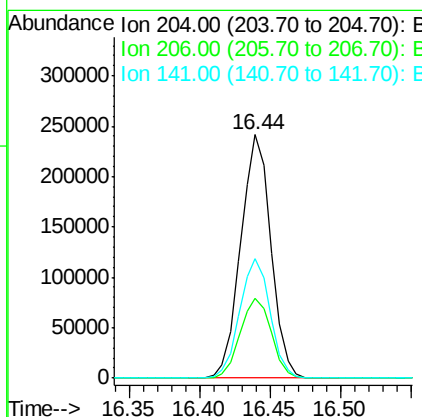
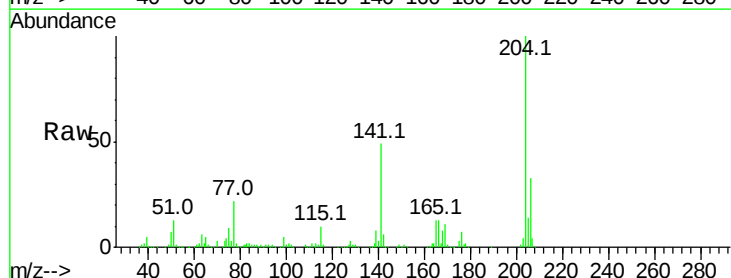
Manual Integrations
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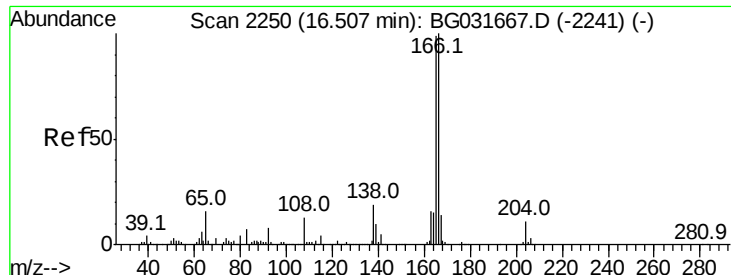
Sohil
1/8/2018 4:22:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.443 ng
RT: 16.44 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	361875		
206	32.9	26.2	39.2	
141	48.9	45.8	68.6	





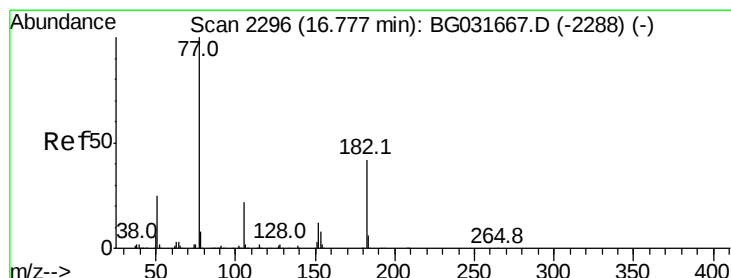
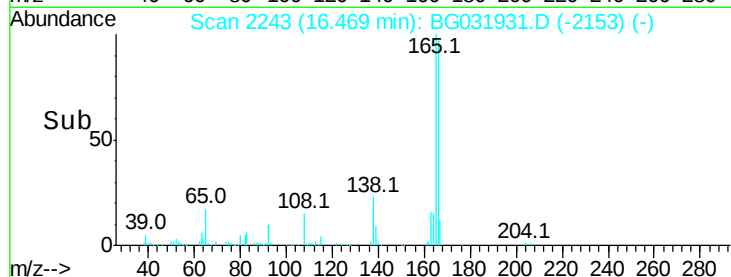
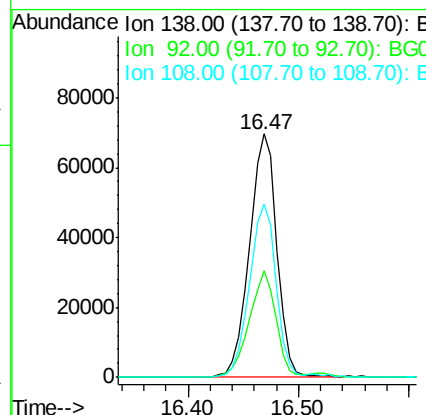
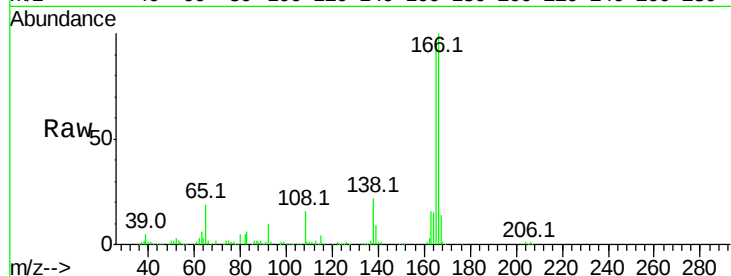
#61
4-Nitroaniline
Concen: 44.624 ng
RT: 16.47 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	121459		
92	43.8	40.1	80.1	
108	71.1	65.4	105.4	

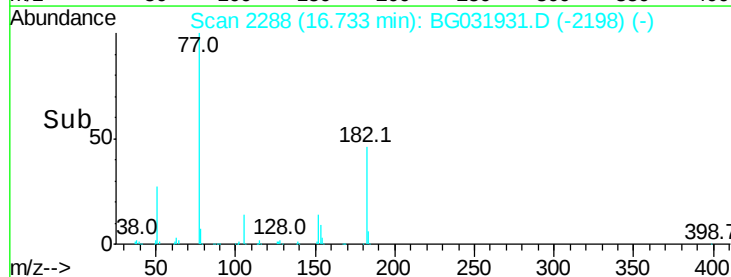
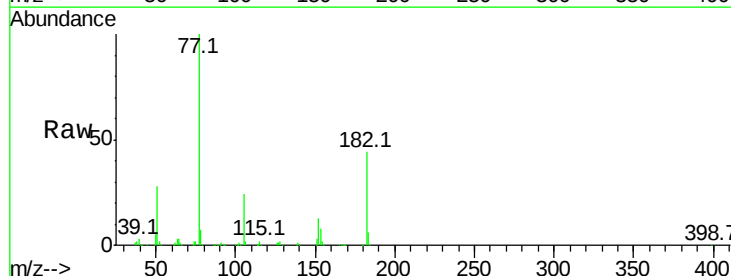
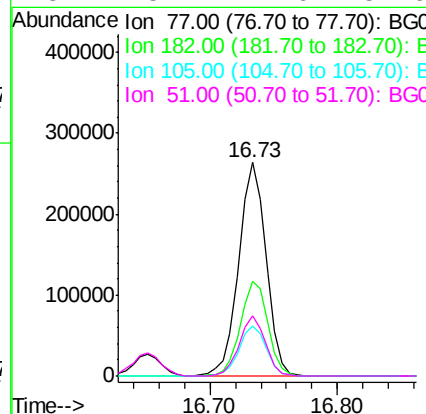
Manual Integrations
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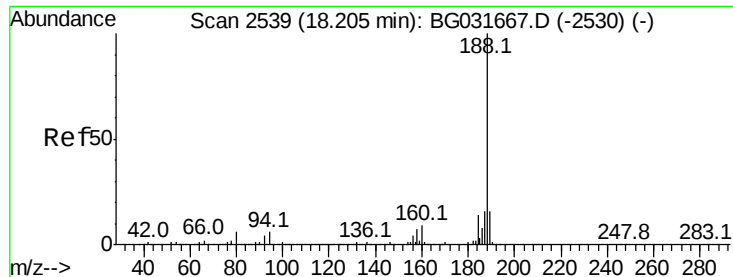
Sohil
1/8/2018 4:22:12 PM



#62
Azobenzene
Concen: 40.484 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	393258		
182	44.4	7.4	47.4	
105	23.5	0.3	40.3	
51	28.1	11.6	51.6	





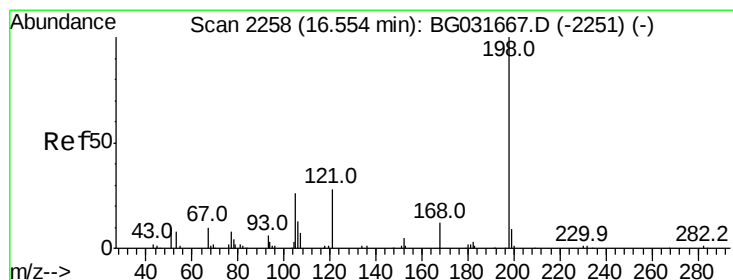
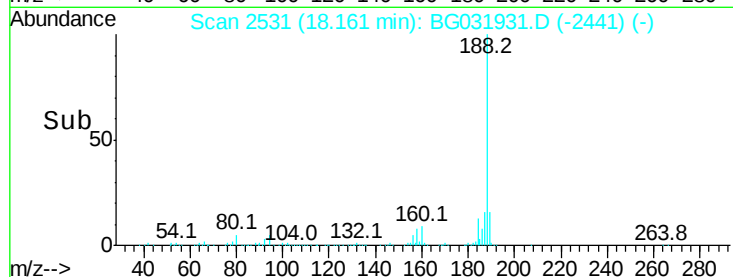
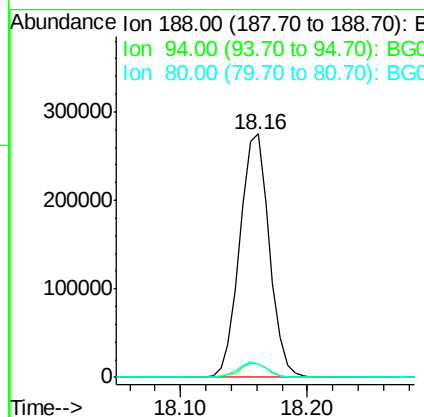
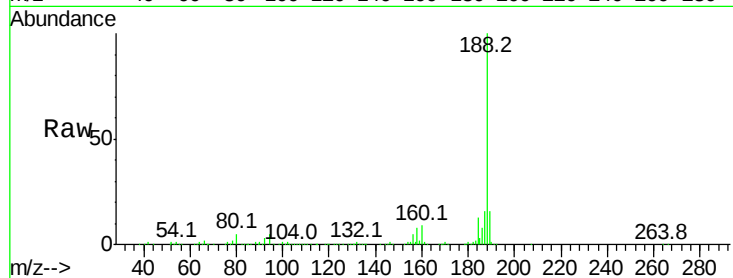
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	5.4	7.7	11.5#

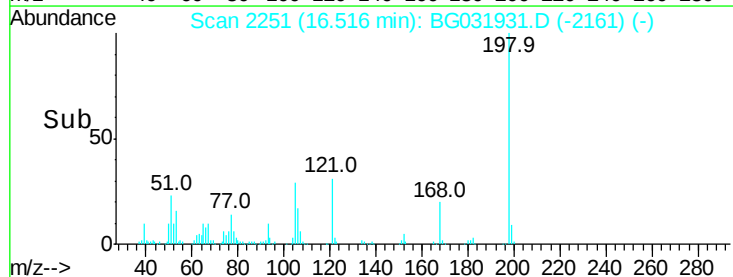
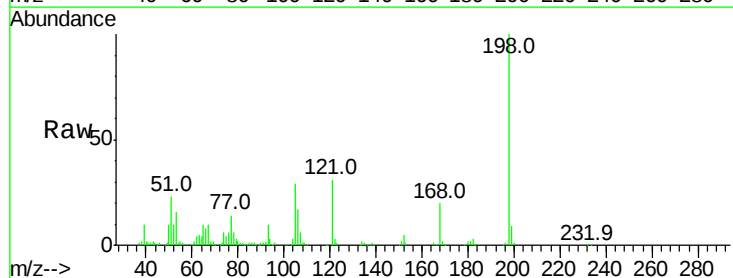
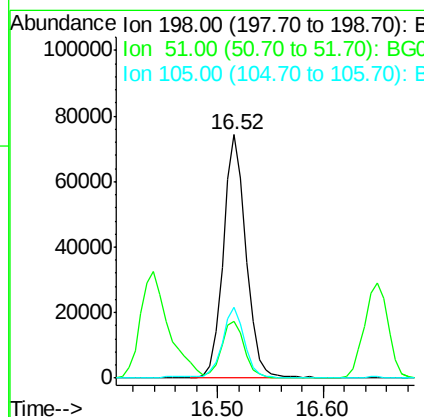
Manual Integrations
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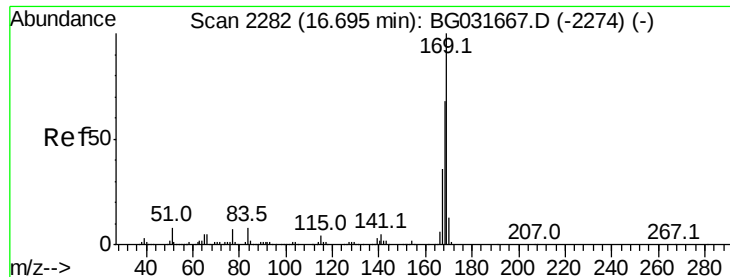
Sohil
1/8/2018 4:22:12 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 50.928 ng
RT: 16.52 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	23.3	30.6	70.6#
105	29.0	23.8	63.8





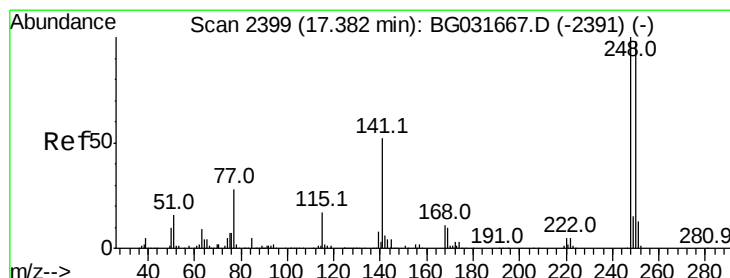
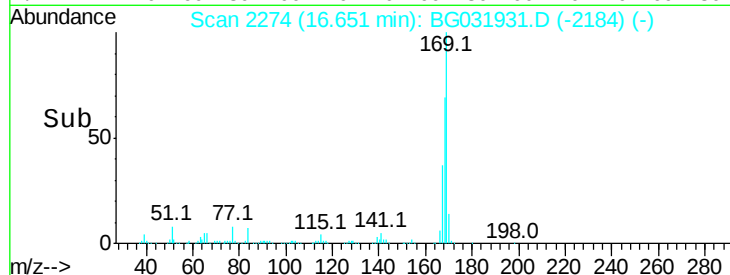
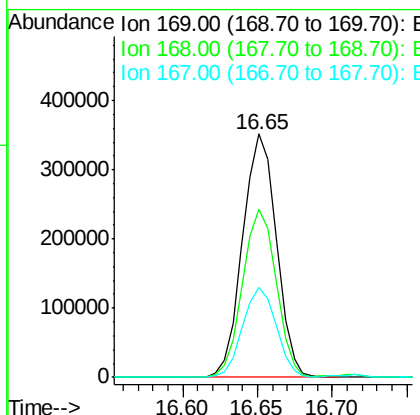
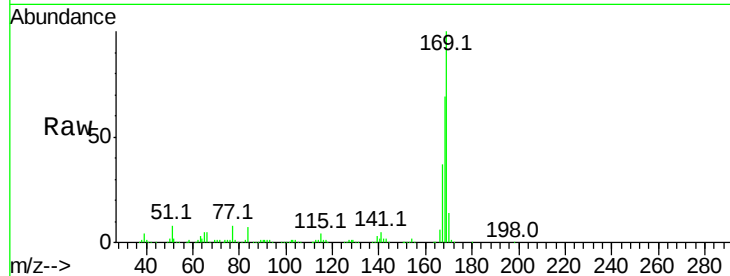
#65
n-Nitrosodiphenylamine
Concen: 37.475 ng
RT: 16.65 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.9	55.7	83.5	
167	37.0	30.1	45.1	

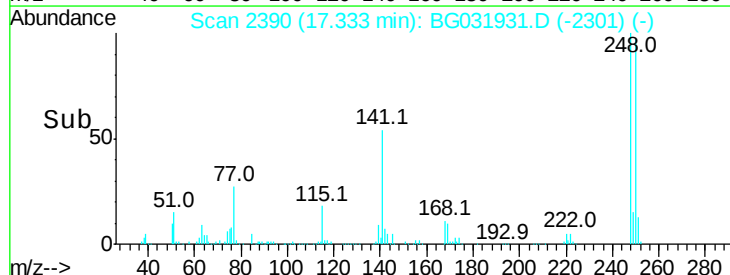
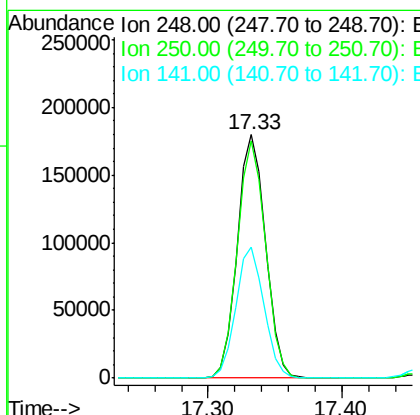
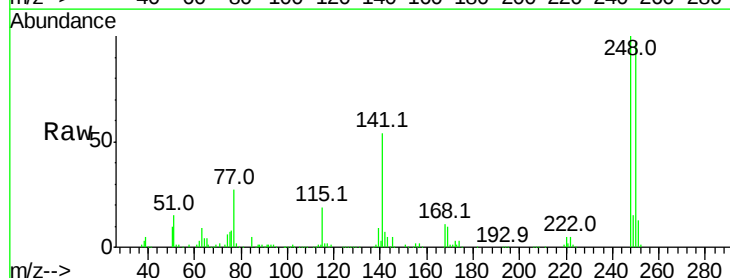
Manual Integrations
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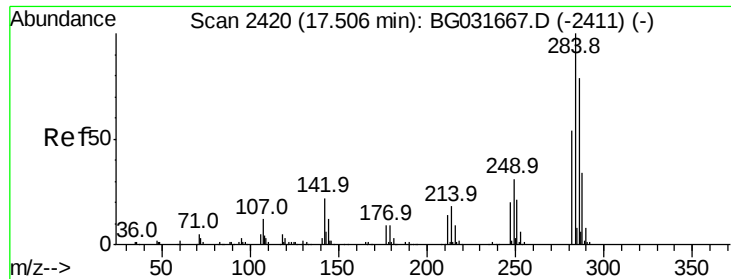
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 41.064 ng
RT: 17.33 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.4	77.1	115.7	
141	54.0	50.8	76.2	





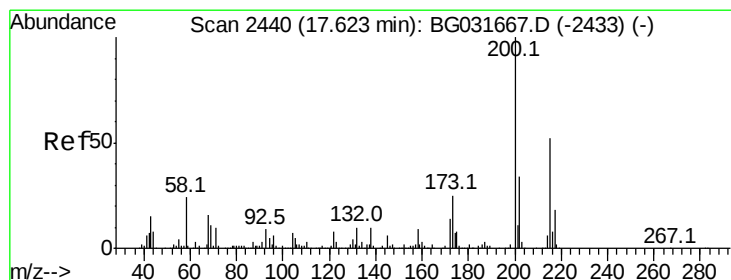
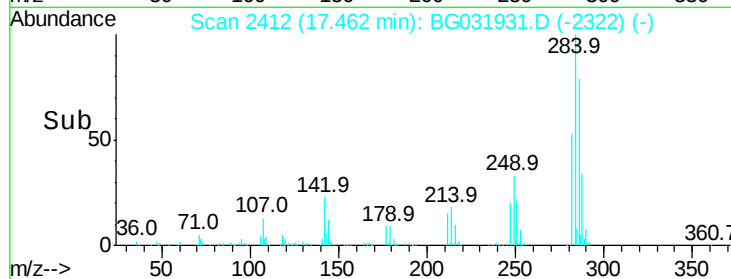
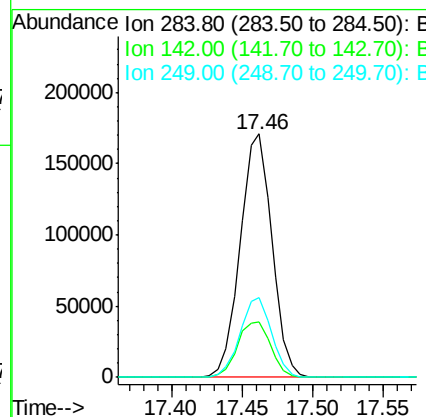
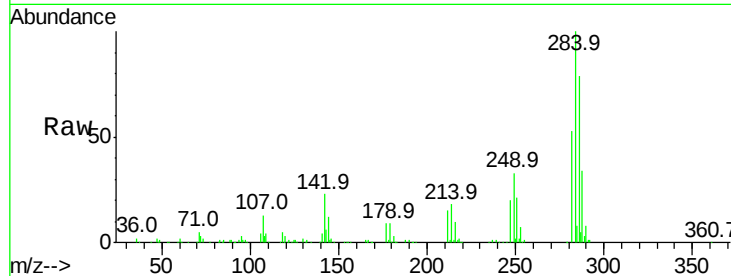
#67
Hexachlorobenzene
Concen: 41.051 ng
RT: 17.46 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	22.6	26.8	40.2#
249	32.7	26.3	39.5

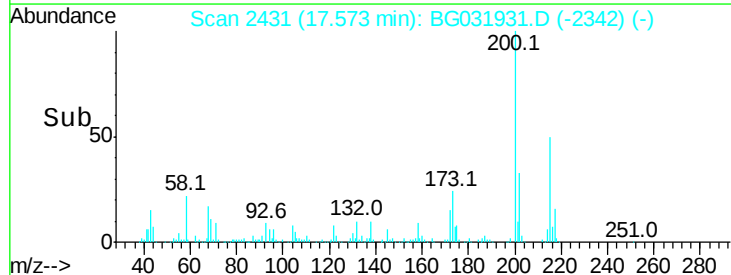
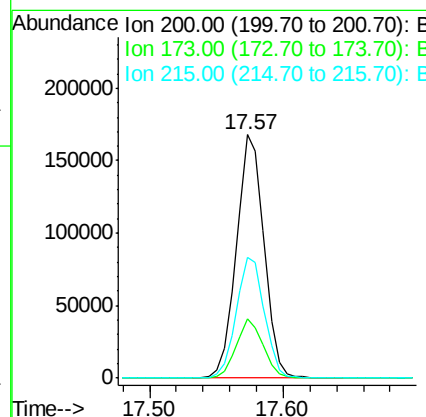
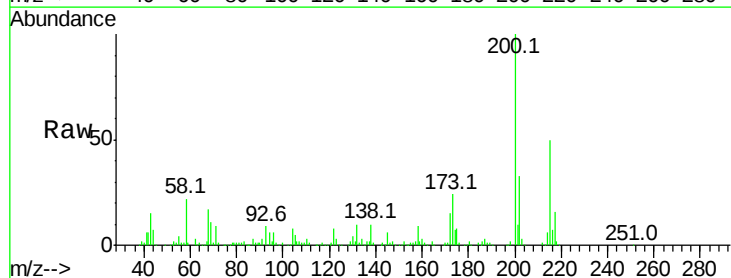
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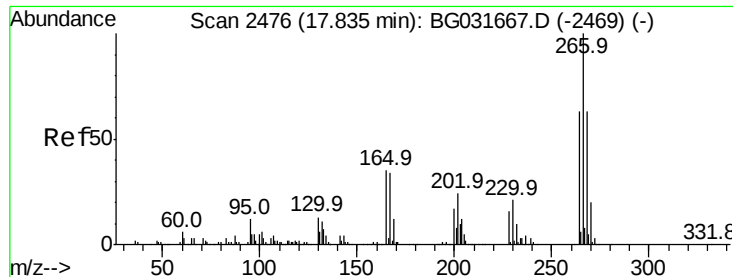
Sohil
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#68
Atrazine
Concen: 42.204 ng
RT: 17.57 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.1	5.2	45.2
215	49.8	30.4	70.4





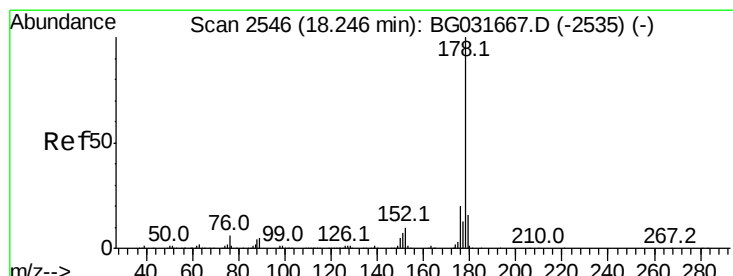
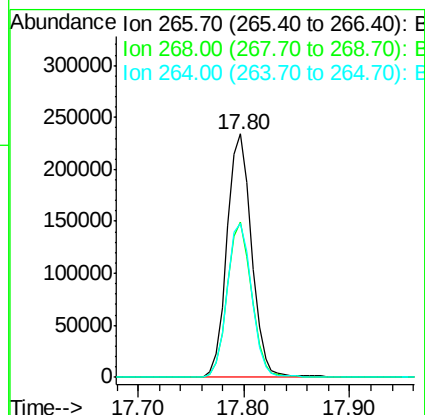
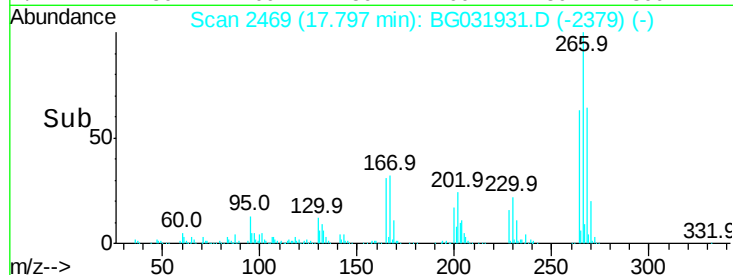
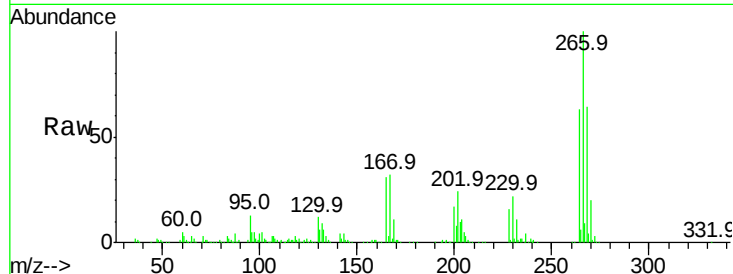
#69
 Pentachlorophenol
 Concen: 83.896 ng
 RT: 17.80 min Scan# 2469
 Delta R.T. 0.00 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BS

Tot Ion:	266	Resp:	377641
Ion Ratio	Lower	Upper	
266	100		
268	64.0	51.1	76.7
264	63.1	49.6	74.4

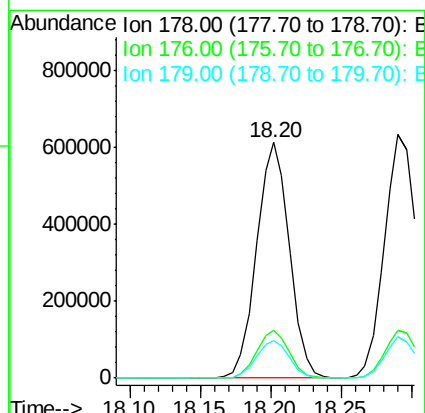
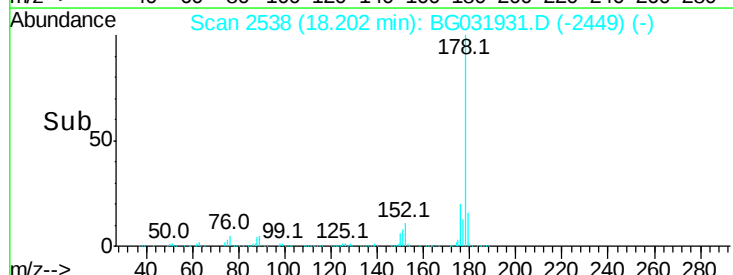
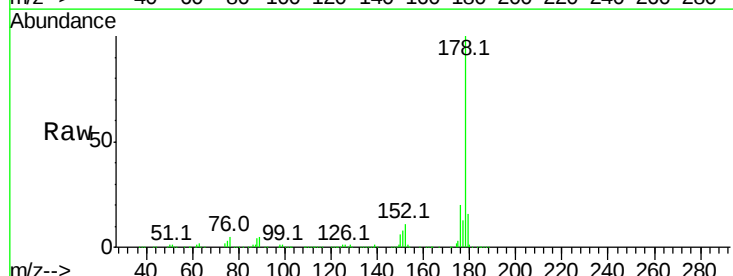
Manual Integrations
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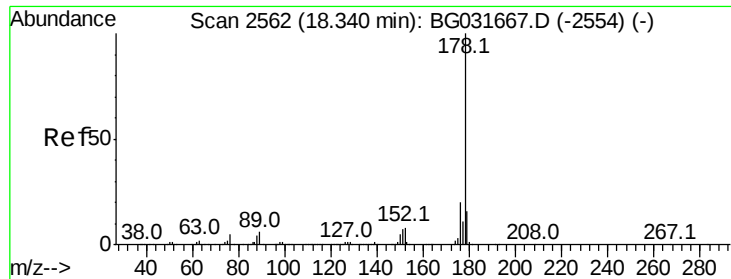
Sohil
 1/8/2018 4:22:12 PM



#70
 Phenanthrene
 Concen: 39.734 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Tgt Ion:	178	Resp:	995491
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.7	23.5
179	16.0	12.5	18.7





#71
 Anthracene
 Concen: 39.960 ng
 RT: 18.29 min Scan# 2553
 Delta R.T. -0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

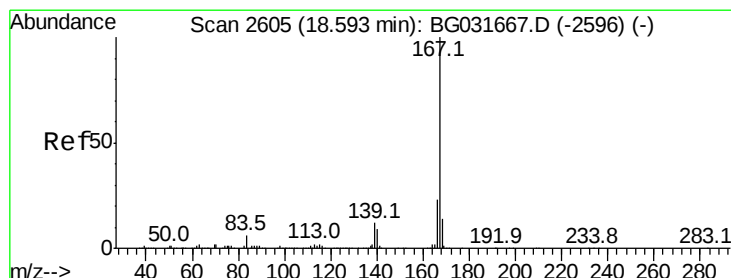
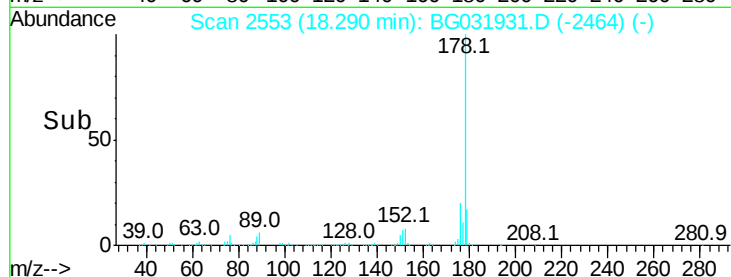
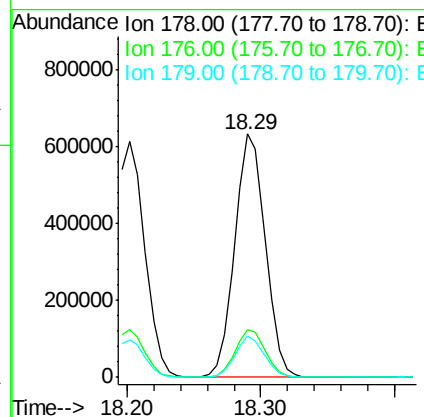
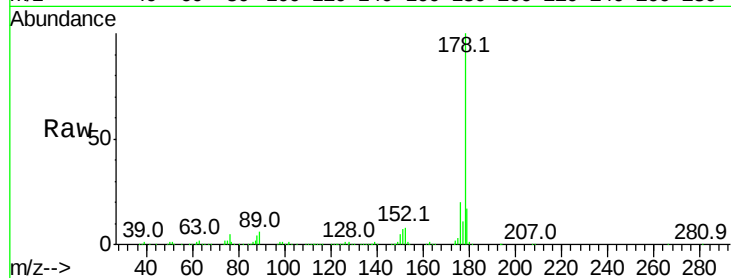
Instrument :
 BNA_G
 ClientSampleId :
 PB105488BS

Tot Ion:178 Resp: 1009914

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	16.9	12.5	18.7

Manual Integrations
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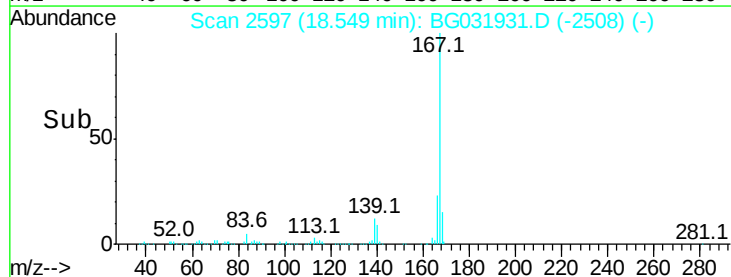
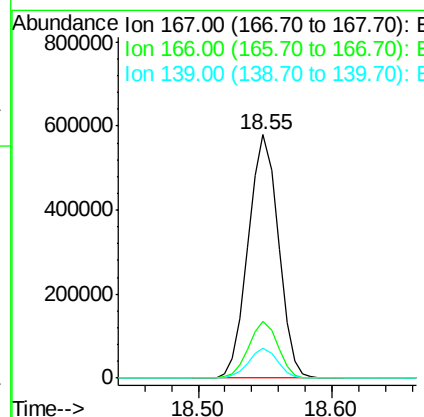
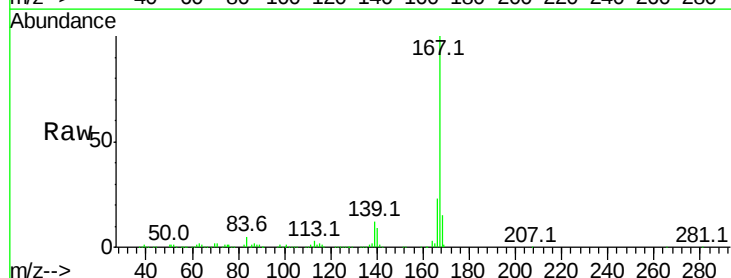
Sohil
 1/8/2018 4:22:12 PM

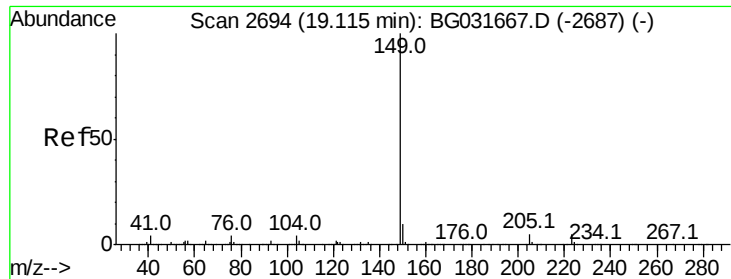


#72
 Carbazole
 Concen: 40.434 ng
 RT: 18.55 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Tgt Ion:167 Resp: 904461

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.2	27.4
139	12.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 39.510 ng

RT: 19.06 min Scan# 2684

Delta R.T. -0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Instrument :

BNA_G

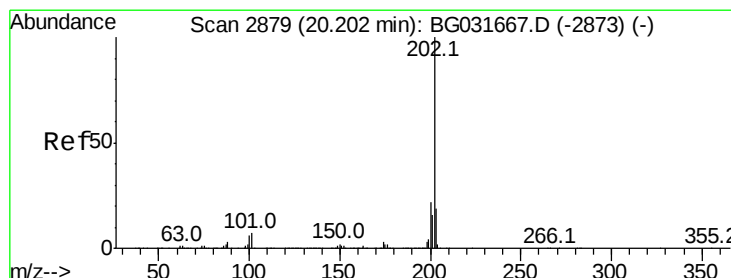
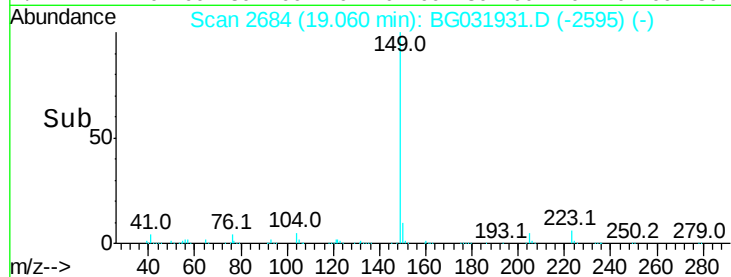
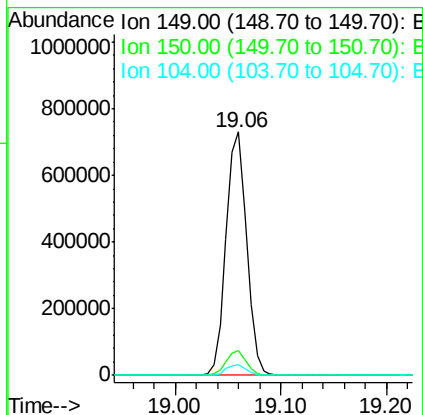
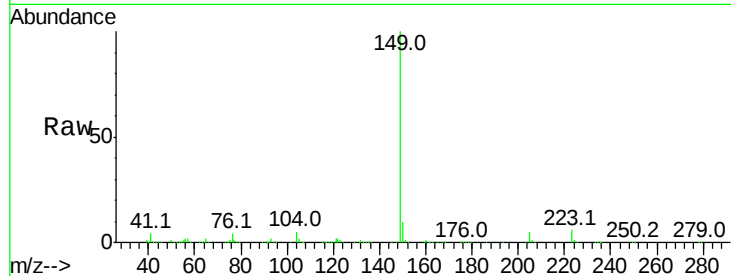
ClientSampleID :

PB105488BS

Tot Ion:	149	Resp:	982169
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	4.6	3.9	5.9

Manual Integrations
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1/8/2018 4:22:12 PM



#74

Fluoranthene

Concen: 40.810 ng

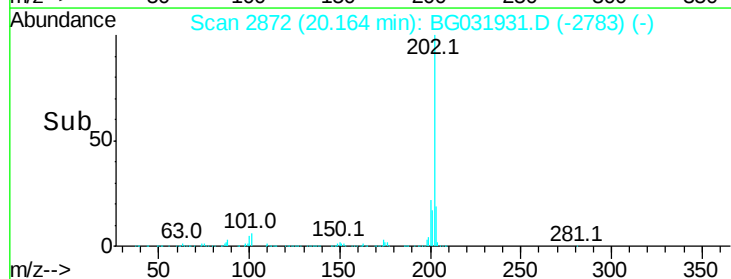
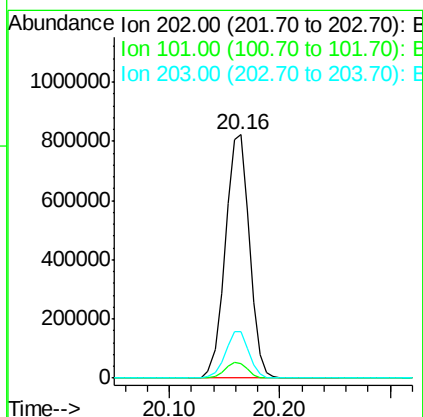
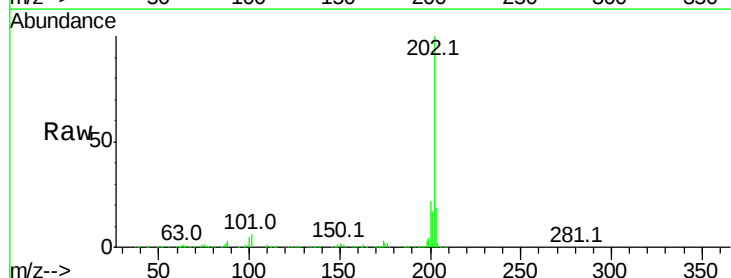
RT: 20.16 min Scan# 2872

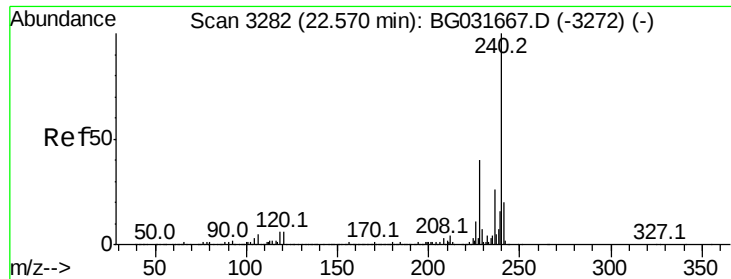
Delta R.T. -0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Tgt Ion:	202	Resp:	1254544
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	28.9
203	18.9	0.0	37.5





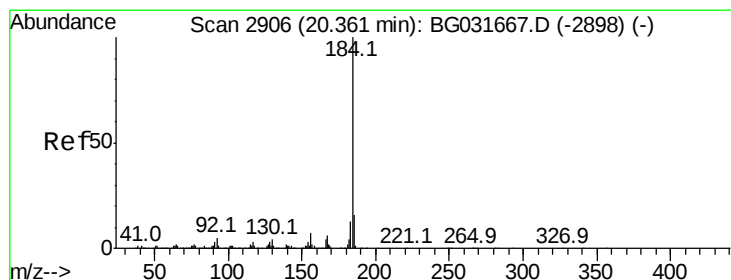
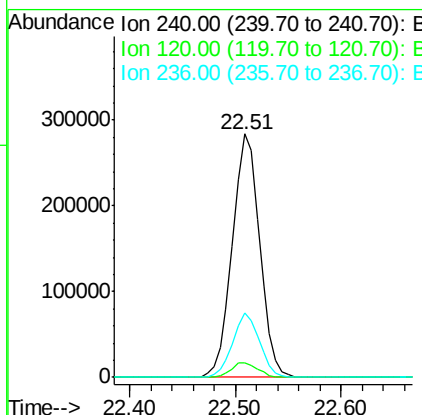
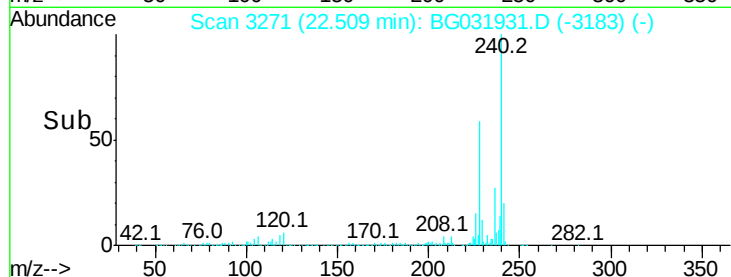
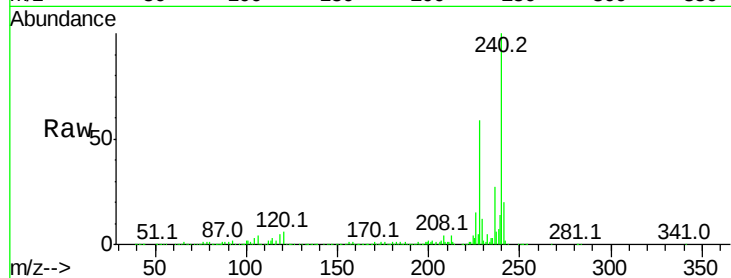
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.51 min Scan# 3271
 Delta R.T. -0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	26.6	20.9	31.3

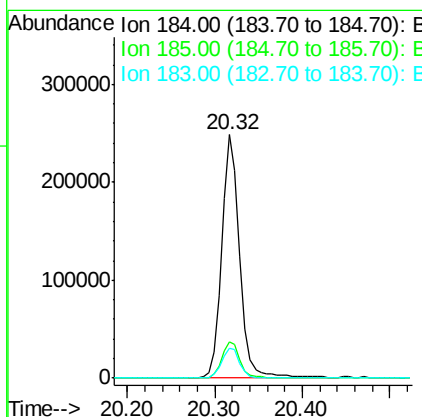
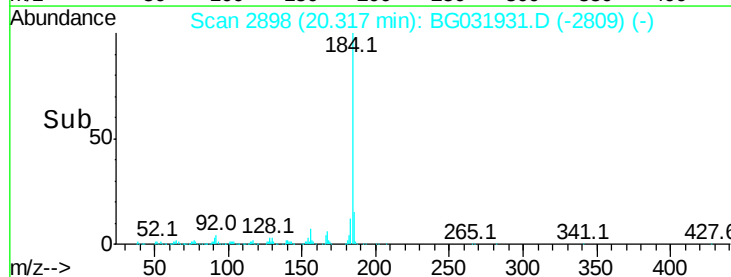
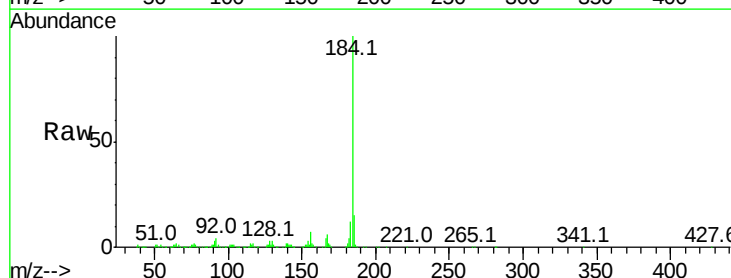
Manual Integrations
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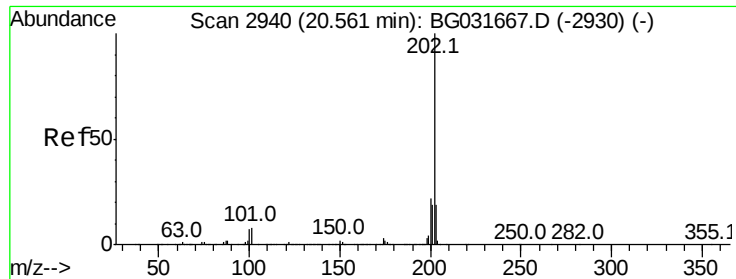
Sohil
 1/8/2018 4:22:12 PM



#76
 Benzidine
 Concen: 22.520 ng
 RT: 20.32 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.1	16.7
183	12.0	10.6	16.0





#77

Pvrene

Concen: 39.255 ng

RT: 20.52 min Scan# 2932

Delta R.T. -0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Instrument :

BNA_G

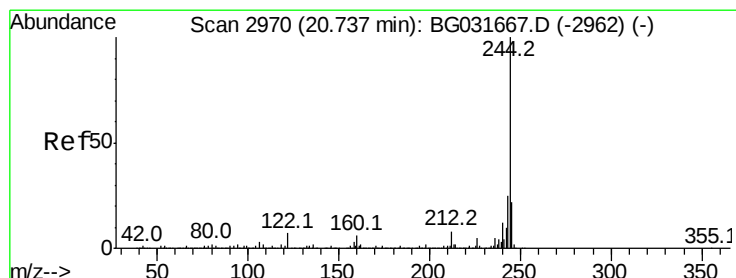
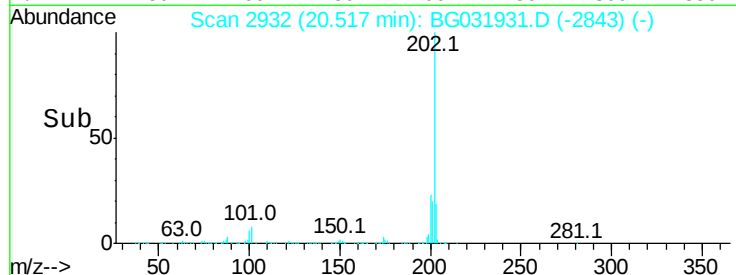
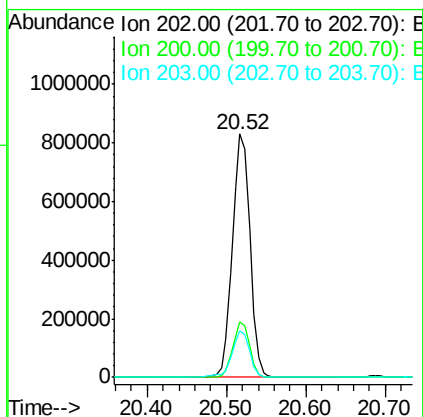
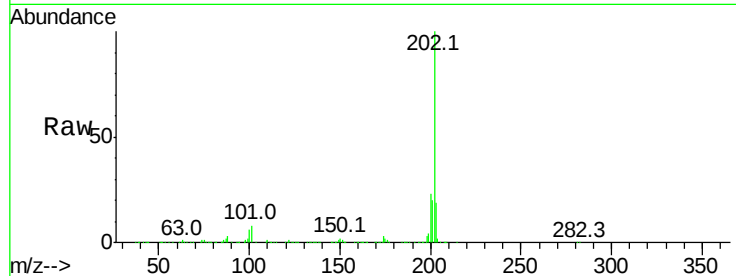
ClientSampleId :

PB105488BS

Tot Ion:	202	Resp:	1272925
Ion Ratio	Lower	Upper	
202	100		
200	22.7	16.9	25.3
203	19.2	13.9	20.9

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#78

Terphenyl-d14

Concen: 87.085 ng

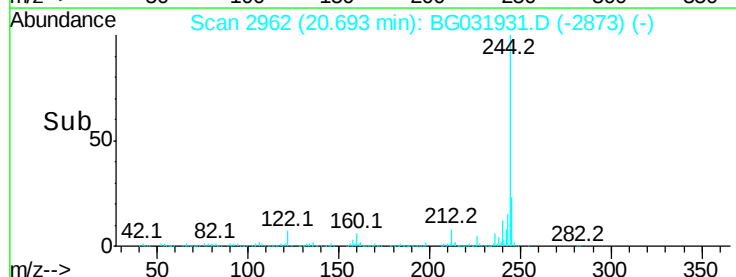
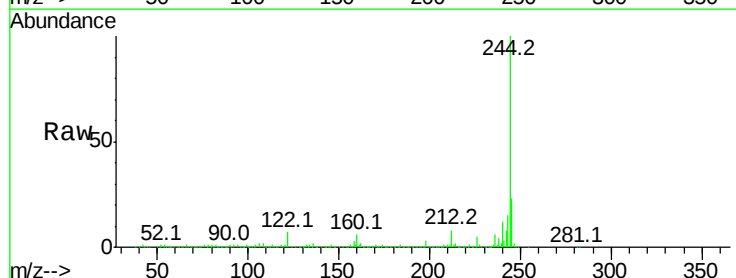
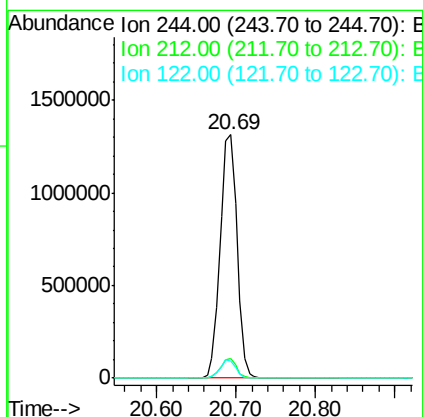
RT: 20.69 min Scan# 2962

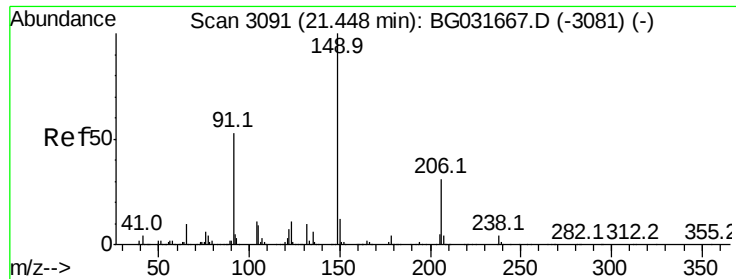
Delta R.T. -0.01 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Tgt Ion:	244	Resp:	1935037
Ion Ratio	Lower	Upper	
244	100		
212	7.8	5.8	8.8
122	7.2	7.0	10.4





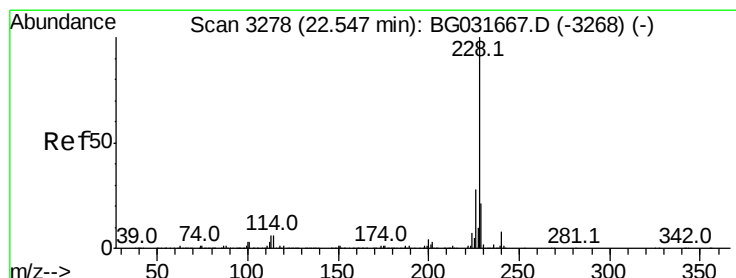
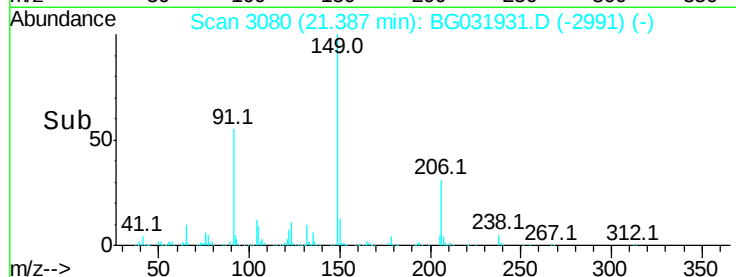
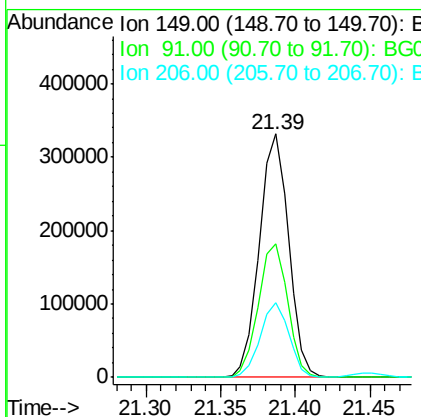
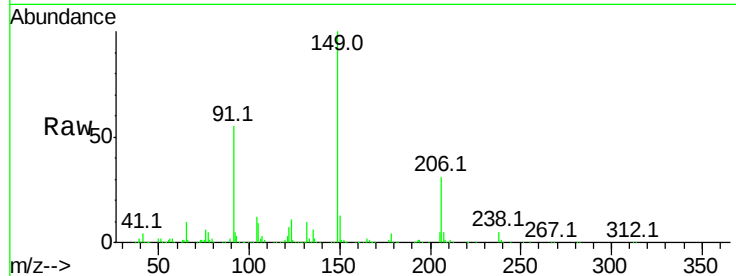
#79
Butylbenzylphthalate
Concen: 41.303 ng
RT: 21.39 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	54.7	62.2	93.2#
206	30.6	18.6	27.8#

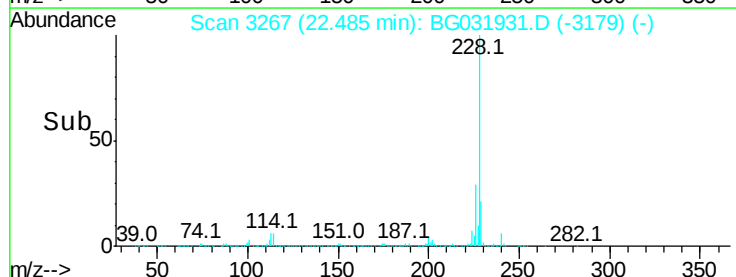
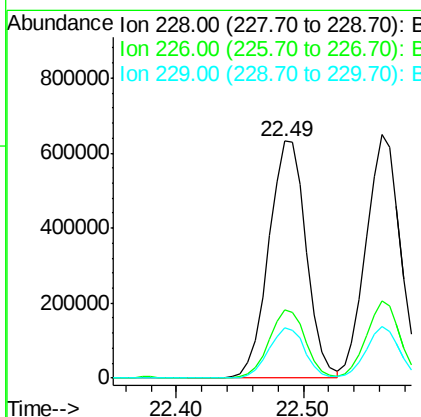
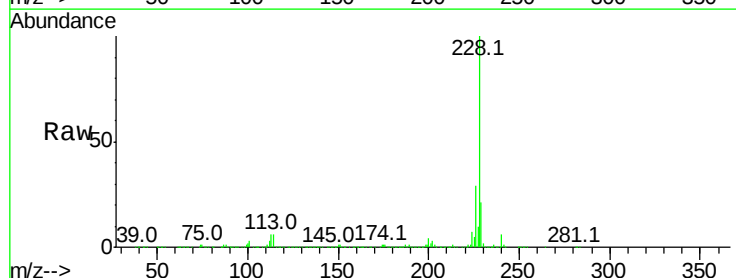
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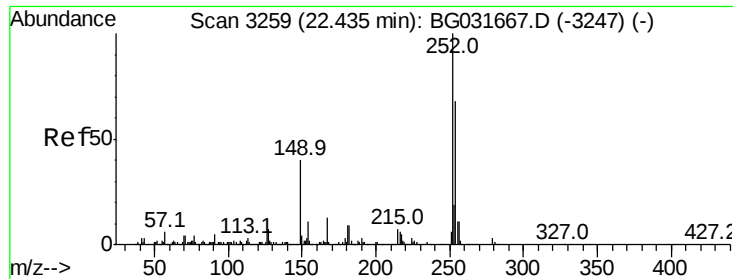
Sohil
1/8/2018 4:22:12 PM



#80
Benzo(a)anthracene
Concen: 40.059 ng
RT: 22.49 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	21.5	16.2	24.2





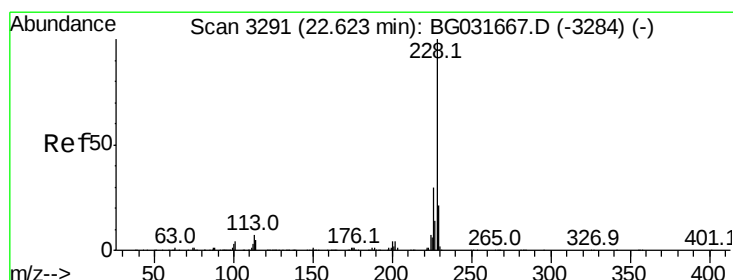
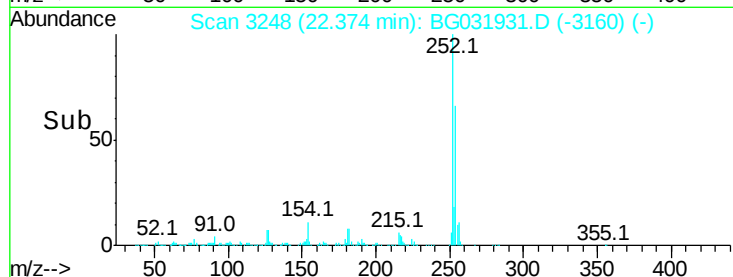
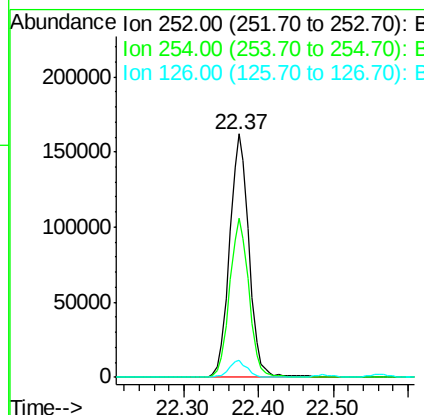
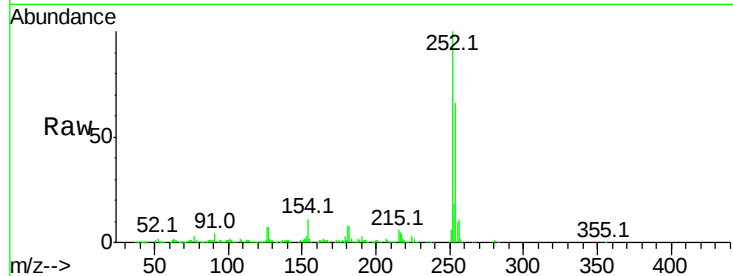
#81
 3,3'-Dichlorobenzidine
 Concen: 23.487 ng
 RT: 22.37 min Scan# 3248
 Delta R.T. -0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	294063		
254	65.5	50.8	76.2	
126	7.1	7.4	11.2	

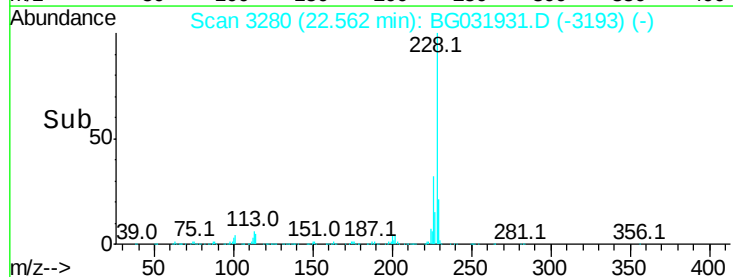
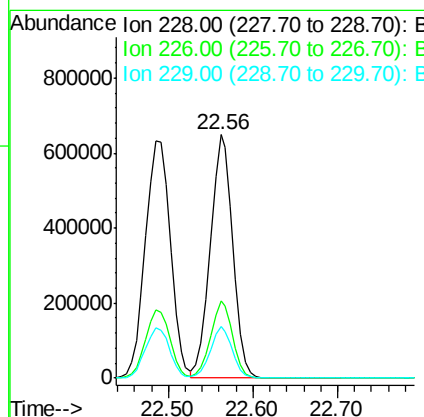
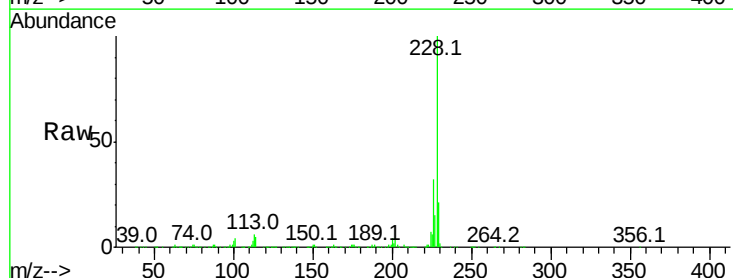
Manual Integrations
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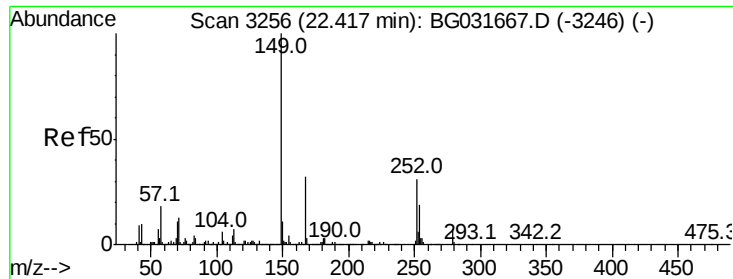
Sohil
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#82
 Chrysene
 Concen: 39.482 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. -0.02 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1206340		
226	31.5	24.9	37.3	
229	21.4	15.0	22.4	





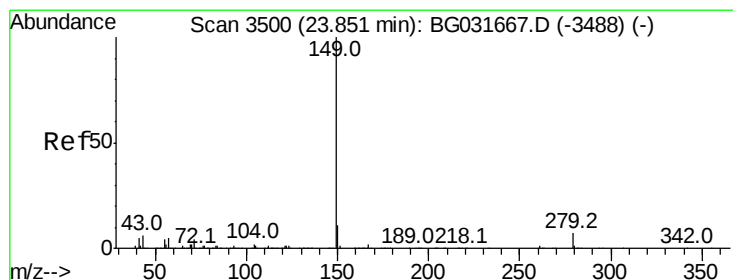
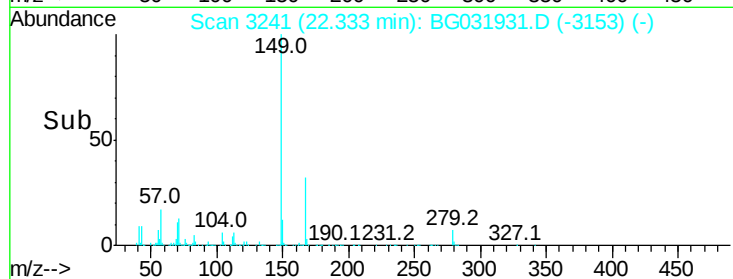
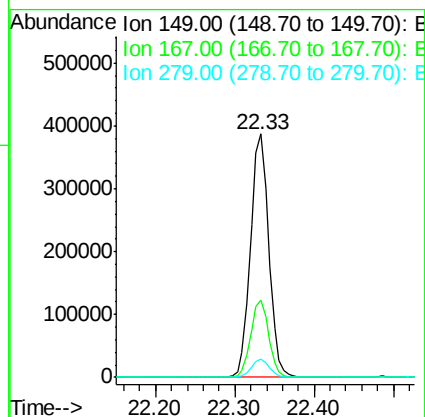
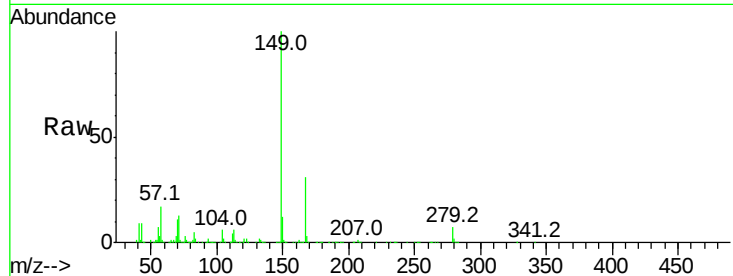
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.331 ng
 RT: 22.33 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.5	24.3	36.5
279	7.3	4.0	6.0

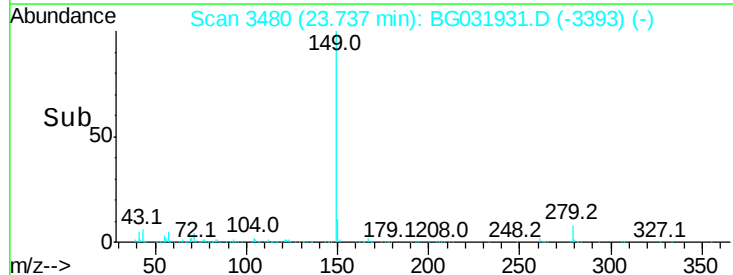
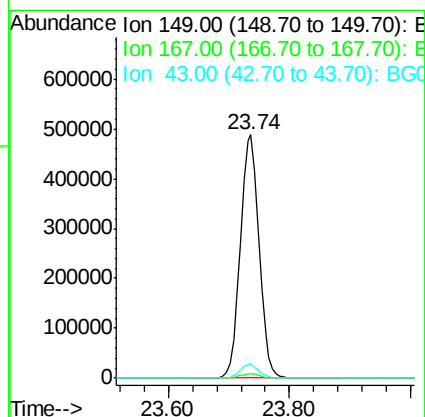
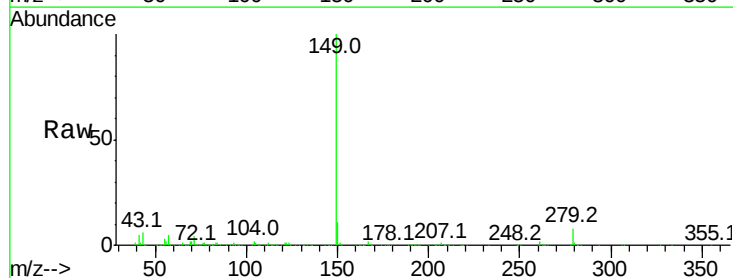
Manual Integrations
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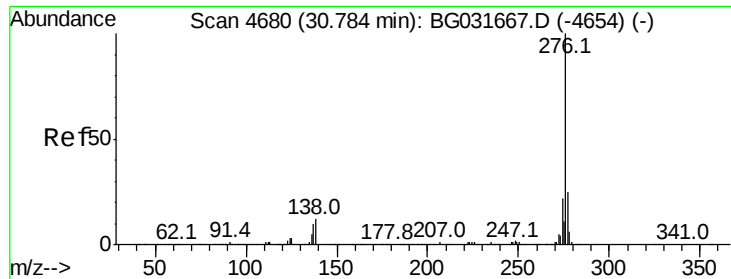
Sohil
 1/8/2018 4:22:12 PM



#84
 Di-n-octyl phthalate
 Concen: 39.448 ng
 RT: 23.74 min Scan# 3480
 Delta R.T. -0.02 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	5.6	8.9	13.3





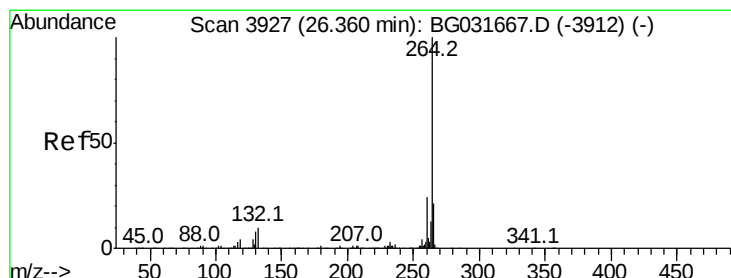
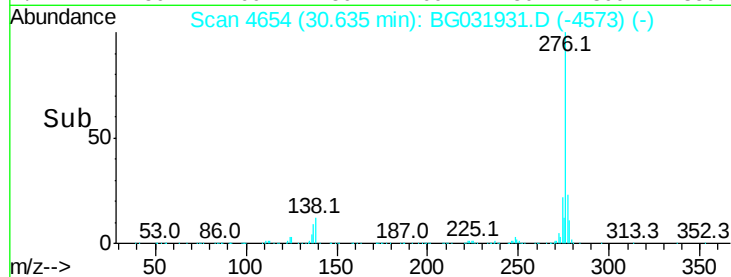
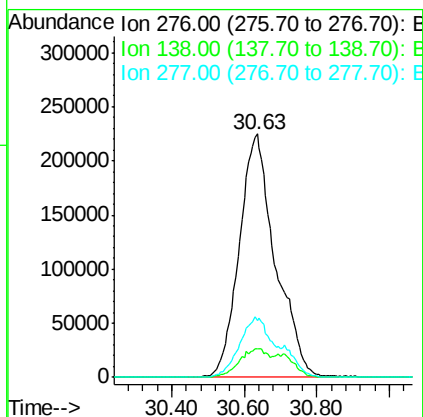
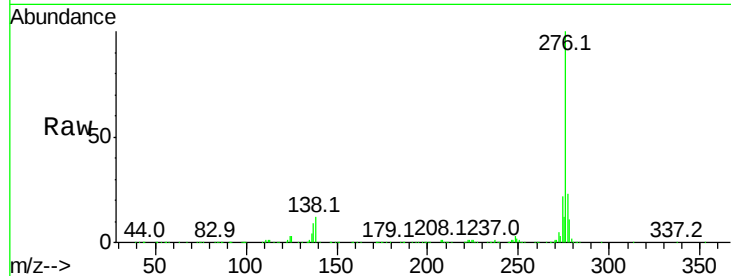
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.593 ng
RT: 30.63 min Scan# 4654
Delta R.T. -0.05 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.6	16.0	24.0#
277	21.8	20.0	30.0

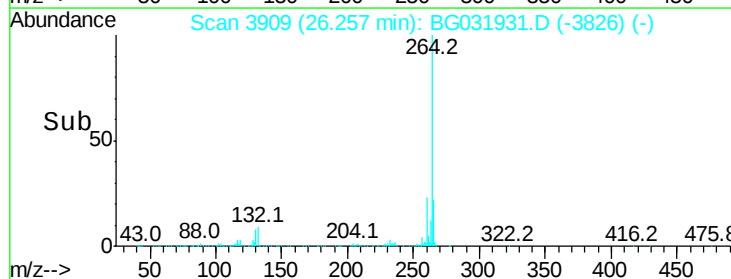
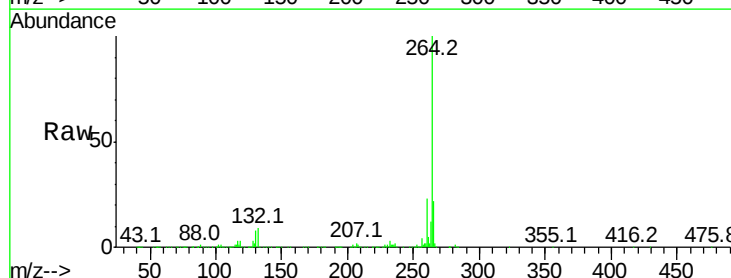
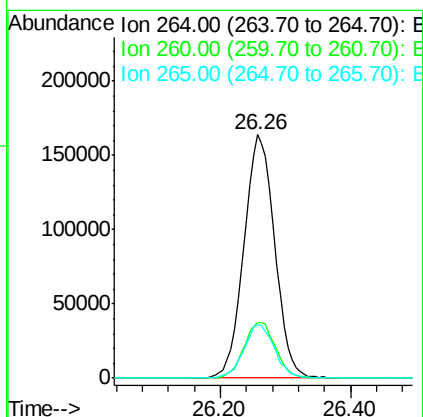
Manual Integrations
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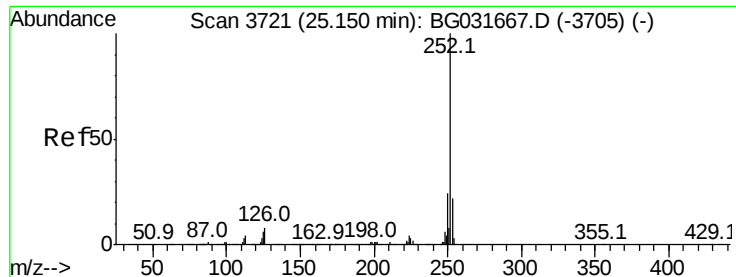
Sohil
1/8/2018 4:22:12 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.26 min Scan# 3909
Delta R.T. -0.04 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.8	17.7	26.5





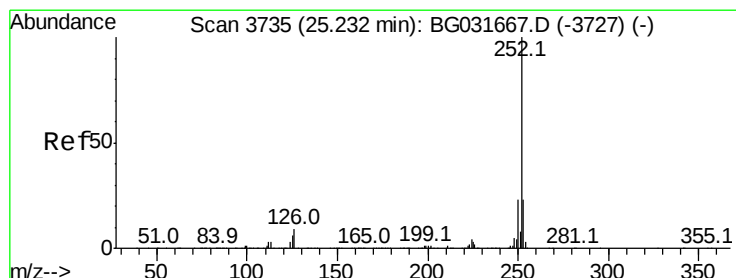
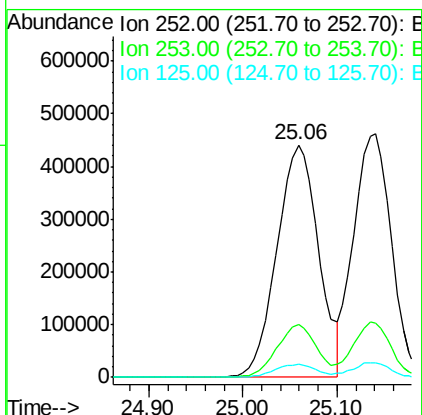
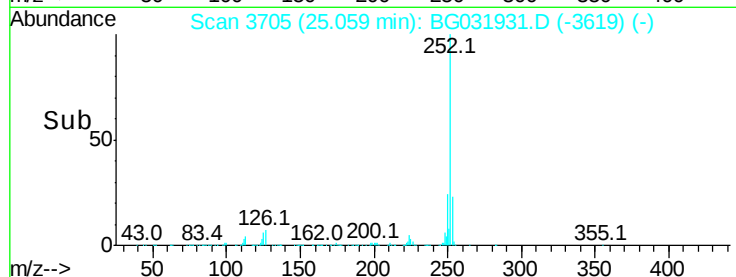
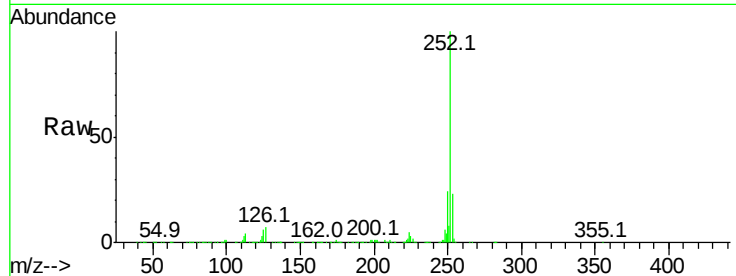
#87
Benzo(b)fluoranthene
Concen: 40.806 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.02 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	5.6	7.2	10.8

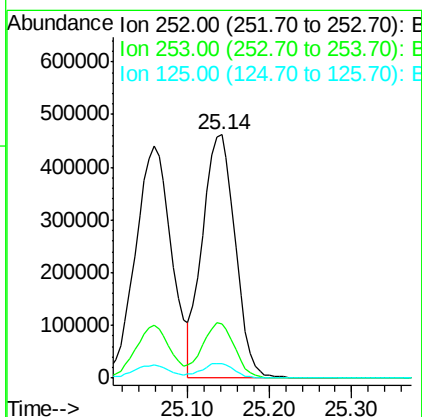
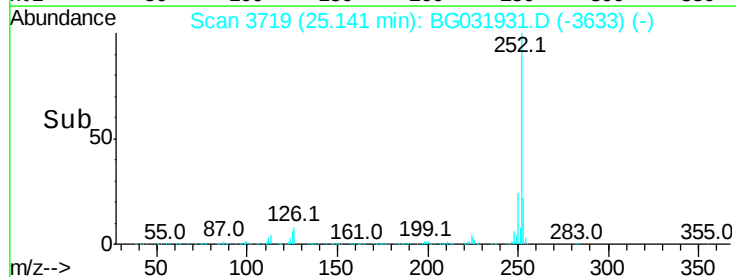
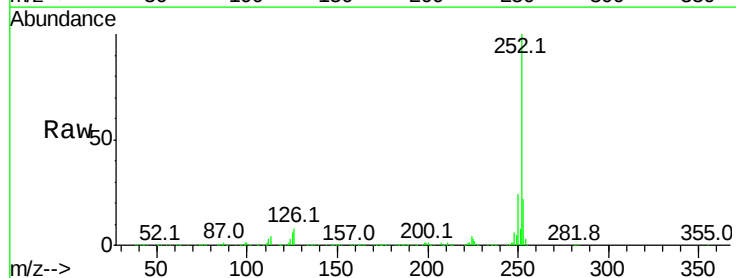
Manual Integrations
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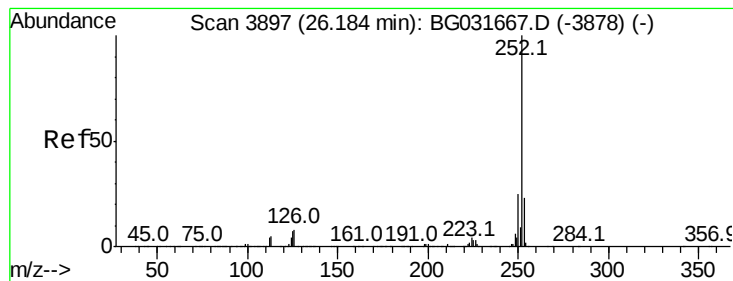
Sohil
1/8/2018 4:22:12 PM



#88
Benzo(k)fluoranthene
Concen: 38.600 ng
RT: 25.14 min Scan# 3719
Delta R.T. -0.02 min
Lab File: BG031931.D
Acq: 5 Jan 2018 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	6.0	6.6	9.8





#89

Benzo(a)pyrene

Concen: 40.760 ng

RT: 26.09 min Scan# 3880

Delta R.T. -0.03 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Instrument :

BNA_G

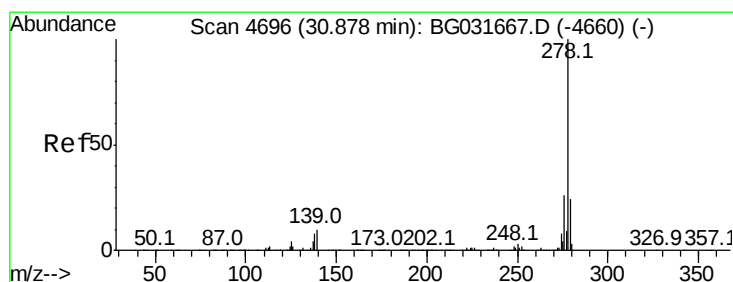
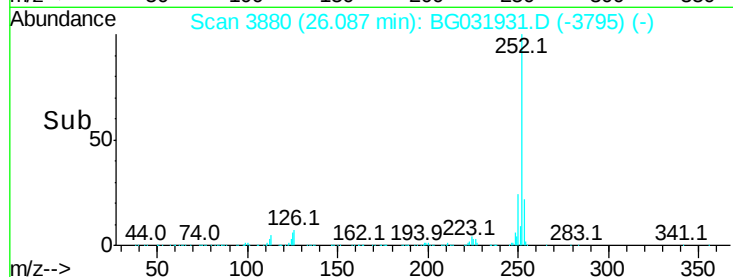
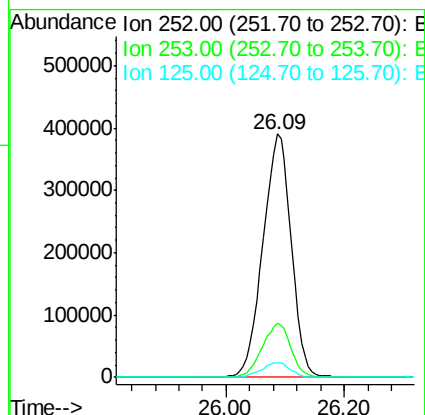
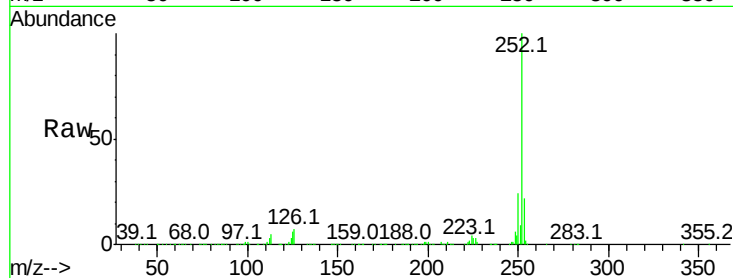
ClientSampleId :

PB105488BS

Tot Ion:	252	Resp:	1298315
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.3	27.5
125	6.0	7.3	10.9#

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 39.309 ng

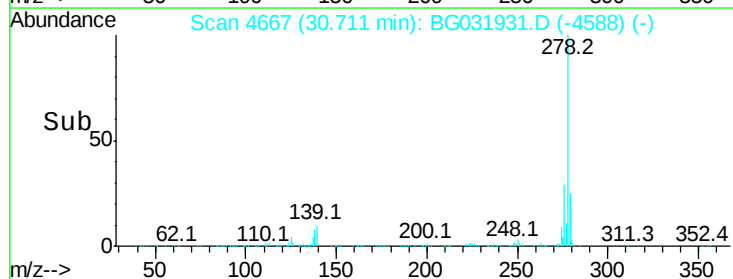
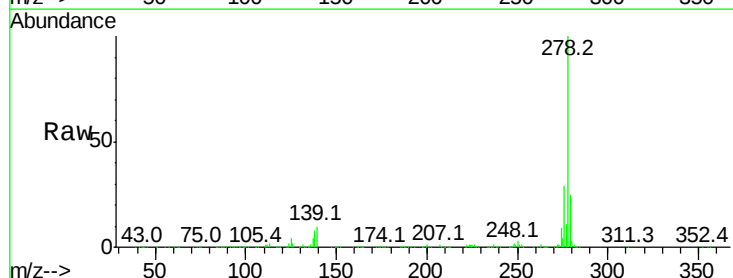
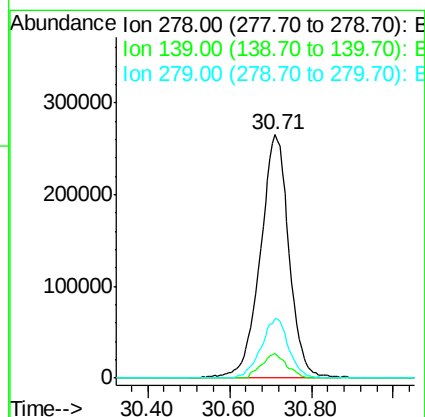
RT: 30.71 min Scan# 4667

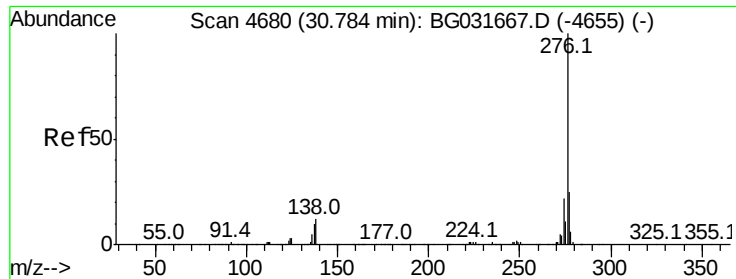
Delta R.T. -0.06 min

Lab File: BG031931.D

Acq: 5 Jan 2018 14:07

Tgt Ion:	278	Resp:	1293124
Ion Ratio	Lower	Upper	
278	100		
139	9.9	9.8	14.6
279	24.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.958 ng
 RT: 30.63 min Scan# 4654
 Delta R.T. -0.05 min
 Lab File: BG031931.D
 Acq: 5 Jan 2018 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105488BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	11.9	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 1/8/2018 4:22:12 PM

