

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033627.D
 Acq On : 6 Apr 2018 13:07
 Operator : SJ/JU
 Sample : PB107995BSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BSD

Manual Integrations
 APPROVED

Sohil
 4/6/2018 5:28:13 PM

Quant Time: Apr 06 16:10:29 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	42389	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	188426	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	135682	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	332450	20.00	ng	0.00
75) Chrysene-d12	22.56	240	327466	20.00	ng	0.00
86) Perylene-d12	26.33	264	353862	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	262423	116.09	ng	0.00
7) Phenol-d6	7.98	99	403413	103.86	ng	0.00
23) Nitrobenzene-d5	10.06	82	386031	94.13	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	163791	80.71	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	881364	93.78	ng	0.00
78) Terphenyl-d14	20.73	244	1334137	87.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	43915	38.253	ng	90
3) Pyridine	4.38	79	121329	38.232	ng	98
4) n-Nitrosodimethylamine	4.29	42	62672	48.122	ng	# 84
6) Aniline	8.16	93	79883	17.488	ng	91
8) 2-Chlorophenol	8.41	128	134978	52.229	ng	95
9) Benzaldehyde	7.97	77	37040	15.006	ng	# 79
10) Phenol	8.01	94	195171	50.893	ng	94
11) bis(2-Chloroethyl)ether	8.24	93	120989	38.653	ng	98
12) 1,3-Dichlorobenzene	8.75	146	136431	40.379	ng	97
13) 1,4-Dichlorobenzene	8.90	146	141676	41.869	ng	95
14) 1,2-Dichlorobenzene	9.23	146	140107	42.424	ng	97
15) Benzyl Alcohol	9.10	79	139059	45.472	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	245525	48.116	ng	91
17) 2-Methylphenol	9.30	107	121849m	46.642	ng	
18) Hexachloroethane	9.98	117	56209	43.039	ng	91
19) n-Nitroso-di-n-propylamine	9.67	70	122596	43.074	ng	94
20) 3+4-Methylphenols	9.63	107	169065	45.452	ng	89
22) Acetophenone	9.70	105	215484	41.742	ng	# 97
24) Nitrobenzene	10.11	77	183009	41.690	ng	94
25) Isophorone	10.62	82	349681	43.931	ng	99
26) 2-Nitrophenol	10.83	139	76026	45.745	ng	# 84
27) 2,4-Dimethylphenol	10.87	122	135829	56.260	ng	94
28) bis(2-Chloroethoxy)methane	11.10	93	189960	47.830	ng	98
29) 2,4-Dichlorophenol	11.38	162	138393	46.610	ng	98
30) 1,2,4-Trichlorobenzene	11.60	180	150713	39.069	ng	97
31) Naphthalene	11.80	128	423630	43.386	ng	98
32) Benzoic acid	11.00	122	57593	25.661	ng	# 86
33) 4-Chloroaniline	11.90	127	66388	15.176	ng	98
34) Hexachlorobutadiene	12.05	225	107984	37.016	ng	96
35) Caprolactam	12.64	113	48976	42.105	ng	97
36) 4-Chloro-3-methylphenol	12.96	107	175493	45.317	ng	92
37) 2-Methylnaphthalene	13.35	142	323102	42.633	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	199350	40.561	ng	98
40) Hexachlorocyclopentadiene	13.67	237	195787	67.954	ng	93

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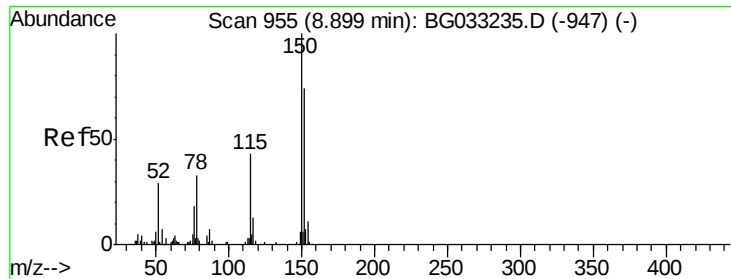
Manual Integrations
 APPROVED

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 4/6/2018 5:28:13 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	124068	43.449	ng	97
43) 2,4,5-Trichlorophenol	14.00	196	140949	41.760	ng	96
45) 1,1'-Biphenyl	14.32	154	446590	42.842	ng	95
46) 2-Chloronaphthalene	14.38	162	343466	42.733	ng	97
47) 2-Nitroaniline	14.57	65	136704	45.409	ng	94
48) Acenaphthylene	15.21	152	563098	41.972	ng	100
49) Dimethylphthalate	14.90	163	465491	39.422	ng	99
50) 2,6-Dinitrotoluene	15.04	165	100273	41.531	ng	98
51) Acenaphthene	15.54	154	380183	43.959	ng	92
52) 3-Nitroaniline	15.38	138	57988	22.909	ng #	94
53) 2,4-Dinitrophenol	15.57	184	66451	55.712	ng #	76
54) Dibenzofuran	15.87	168	555583	43.490	ng	93
55) 4-Nitrophenol	15.66	139	154876	87.013	ng #	80
56) 2,4-Dinitrotoluene	15.81	165	148514	41.776	ng #	95
57) Fluorene	16.51	166	460183	42.283	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	140194	44.121	ng	97
59) Diethylphthalate	16.24	149	477144	41.614	ng	99
60) 4-Chlorophenyl-phenylether	16.49	204	248169	39.667	ng	98
61) 4-Nitroaniline	16.53	138	105352	41.100	ng	87
62) Azobenzene	16.78	77	494002	44.477	ng	98
64) 4,6-Dinitro-2-methylphenol	16.57	198	69590	34.991	ng	98
65) n-Nitrosodiphenylamine	16.70	169	415760	43.806	ng	99
66) 4-Bromophenyl-phenylether	17.38	248	159338	40.811	ng	95
67) Hexachlorobenzene	17.51	284	164742	39.981	ng	97
68) Atrazine	17.62	200	173409	45.089	ng	97
69) Pentachlorophenol	17.85	266	189208	66.903	ng	97
70) Phenanthrene	18.25	178	746262	43.102	ng	98
71) Anthracene	18.34	178	772938	44.090	ng	99
72) Carbazole	18.60	167	679768	43.758	ng #	98
73) Di-n-butylphthalate	19.09	149	820675	45.387	ng #	97
74) Fluoranthene	20.20	202	923631	43.108	ng	99
76) Benzidine	20.37	184	277012	31.194	ng	99
77) Pyrene	20.56	202	919122	42.084	ng	98
79) Butylbenzylphthalate	21.42	149	374938	46.521	ng	97
80) Benzo(a)anthracene	22.54	228	902021	43.259	ng	99
81) 3,3'-Dichlorobenzidine	22.42	252	166453	22.433	ng	96
82) Chrysene	22.61	228	854195	42.319	ng	97
83) Bis(2-ethylhexyl)phthalate	22.35	149	521330	46.924	ng	97
84) Di-n-octyl phthalate	23.75	149	906651	53.299	ng	100
85) Indeno(1,2,3-cd)pyrene	30.70	276	977411	44.788	ng #	90
87) Benzo(b)fluoranthene	25.12	252	874200	42.760	ng #	98
88) Benzo(k)fluoranthene	25.19	252	909703	43.996	ng #	98
89) Benzo(a)pyrene	26.15	252	876709	44.654	ng #	95
90) Dibenzo(a,h)anthracene	30.78	278	779729	42.162	ng	99
91) Benzo(g,h,i)perylene	32.08	276	812801	44.383	ng	98

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



#1

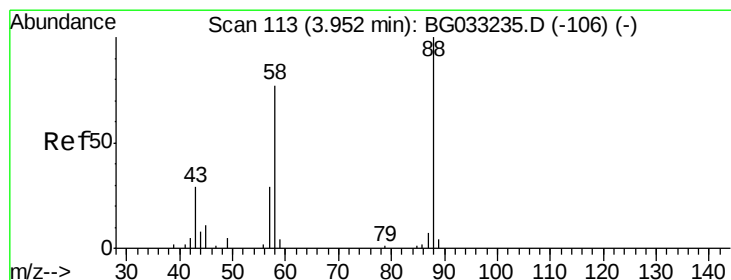
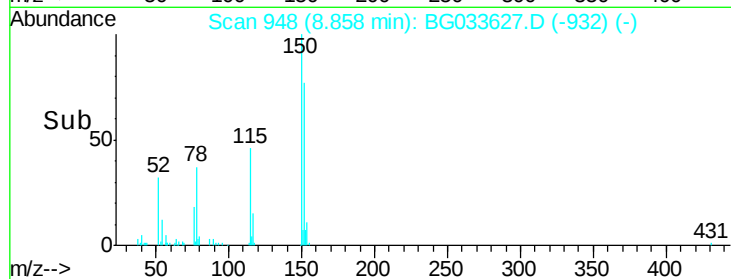
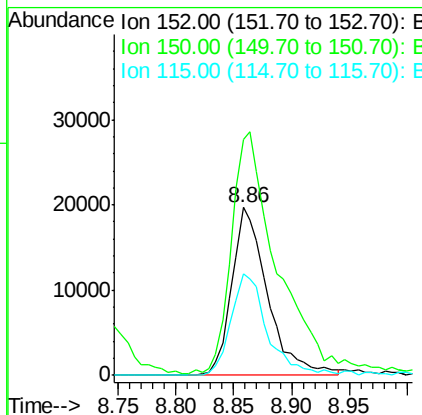
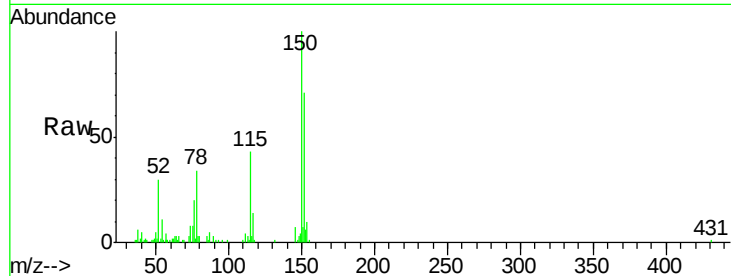
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.6	126.6	189.8
115	60.3	53.0	79.4

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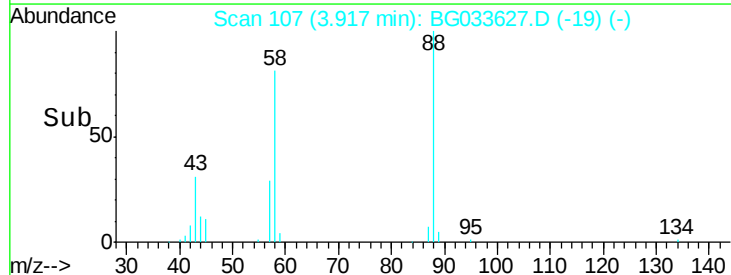
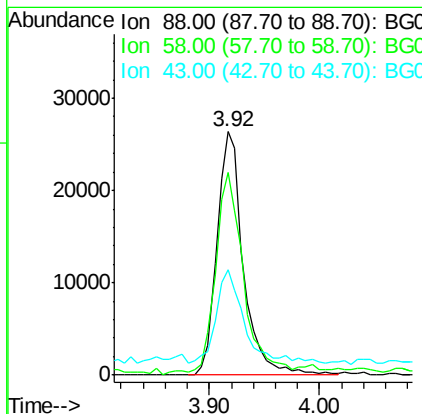
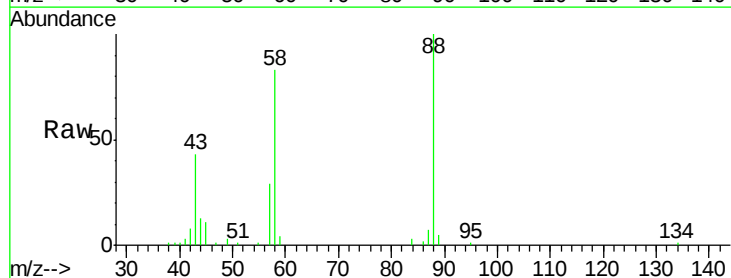
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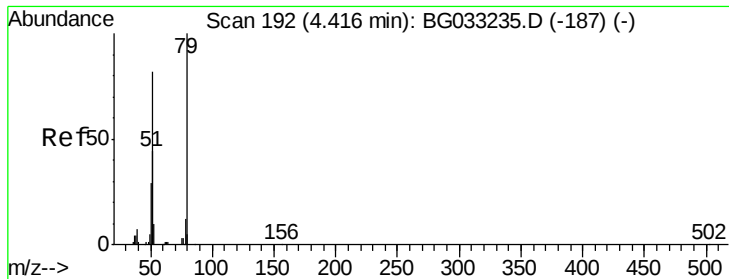


#2

1,4-Dioxane
Concen: 38.253 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.6	79.6	119.4
43	39.9	27.4	41.0





#3

Pvridine

Concen: 38.232 ng

RT: 4.38 min Scan# 186

Delta R.T. -0.01 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

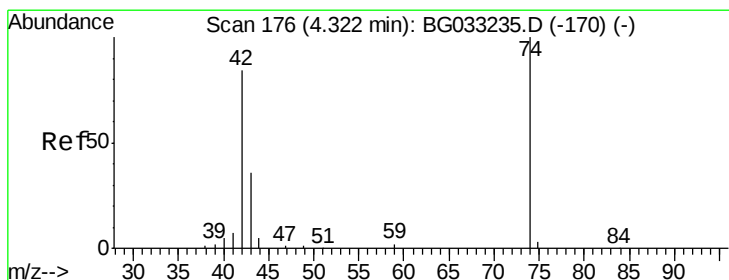
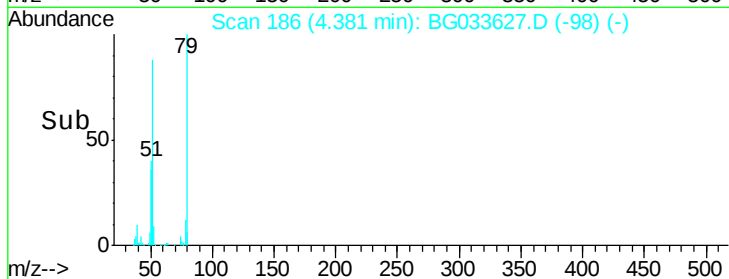
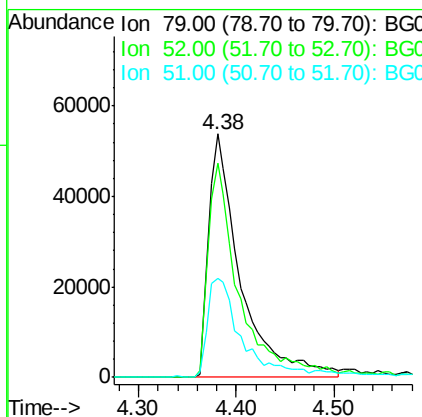
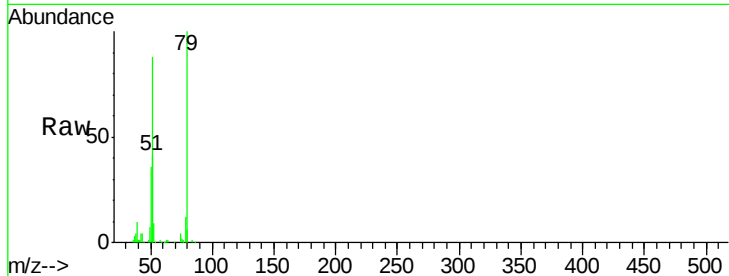
ClientSampleId :

PB107995BSD

Tot Ion:	79	Resp:	121329
Ion	Ratio	Lower	Upper
79	100		
52	88.1	69.9	104.9
51	40.5	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.122 ng

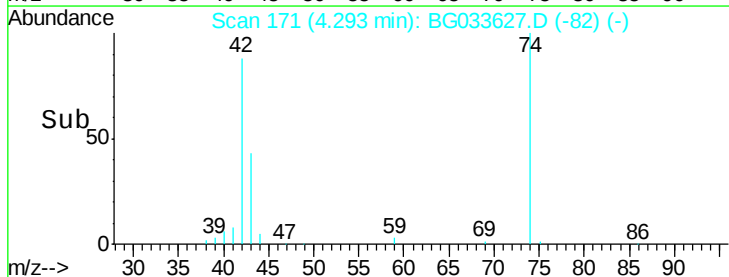
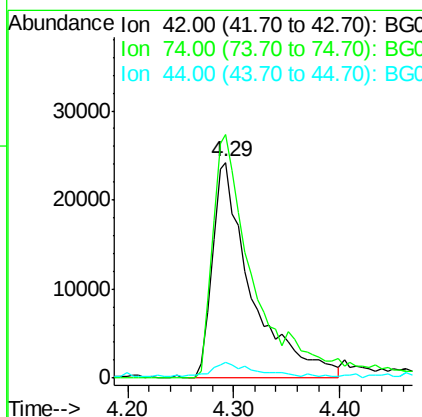
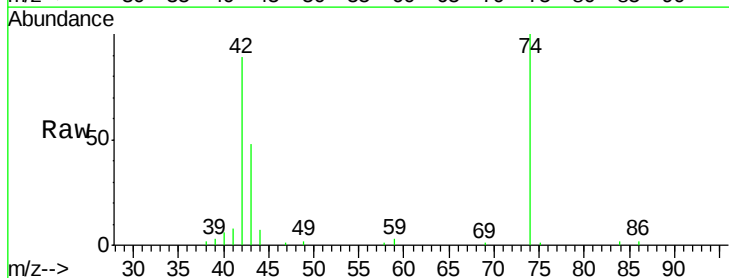
RT: 4.29 min Scan# 171

Delta R.T. -0.01 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Tgt Ion:	42	Resp:	62672
Ion	Ratio	Lower	Upper
42	100		
74	112.8	102.5	153.7
44	7.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 116.085 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

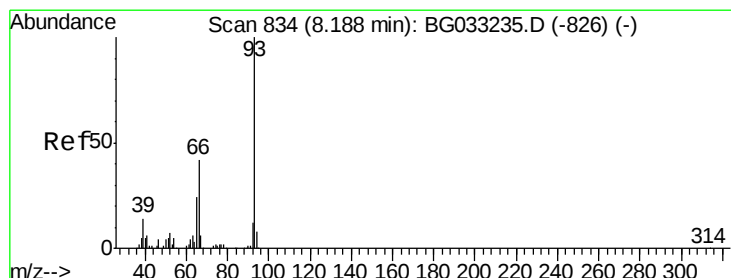
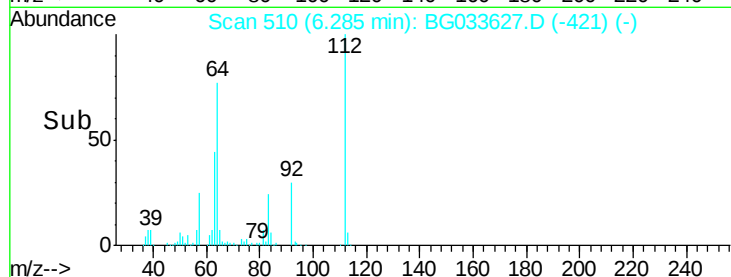
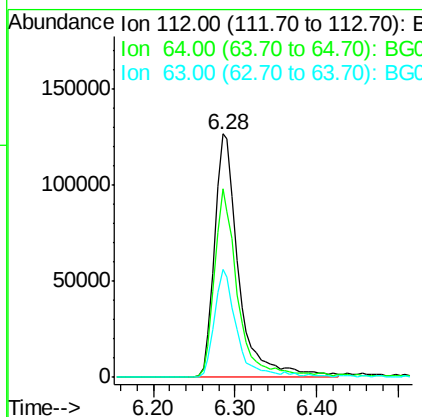
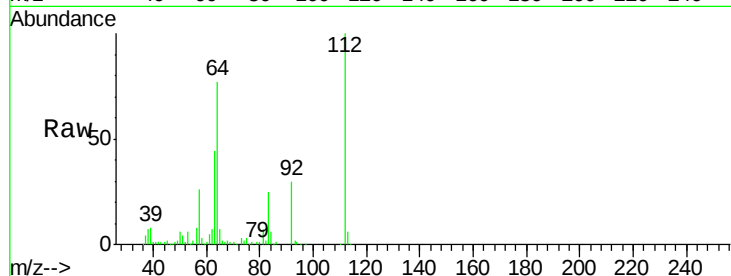
ClientSampleId :

PB107995BSD

Tot Ion:	112	Resp:	262423
Ion Ratio	Lower	Upper	
112	100		
64	77.4	56.3	84.5
63	44.3	30.1	45.1

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#6

Aniline

Concen: 17.488 ng

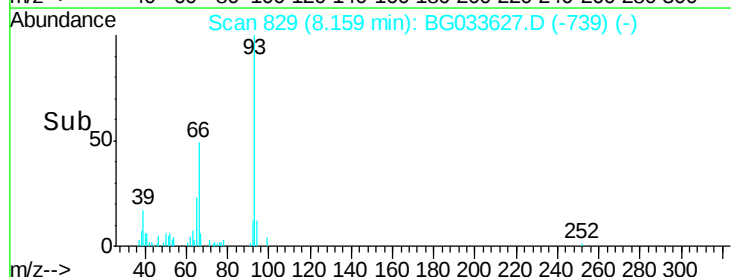
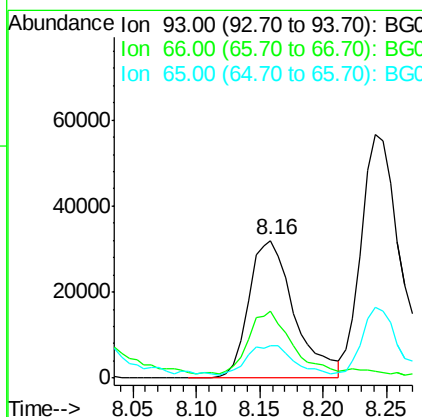
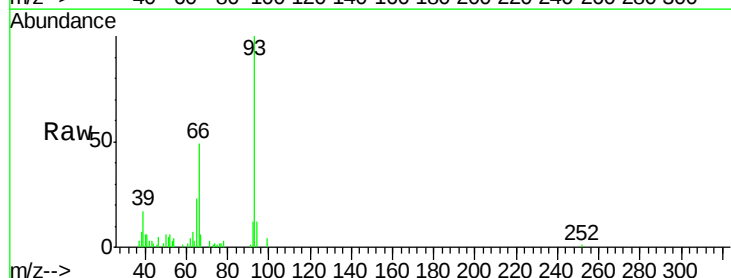
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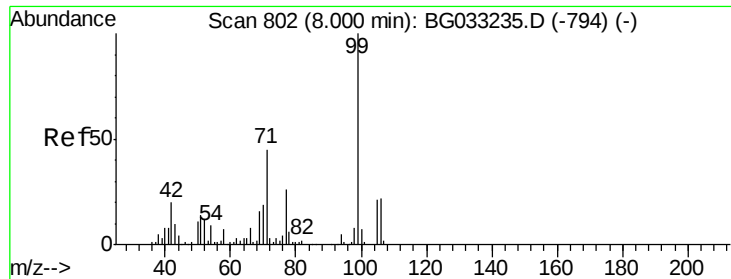
Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Tgt Ion:	93	Resp:	79883
Ion Ratio	Lower	Upper	
93	100		
66	48.8	33.7	50.5
65	23.2	16.1	24.1





#7

Phenol-d6

Concen: 103.861 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

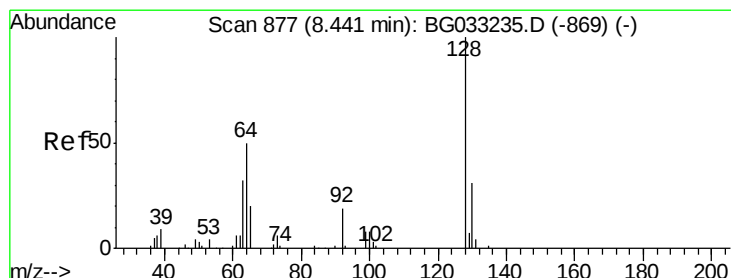
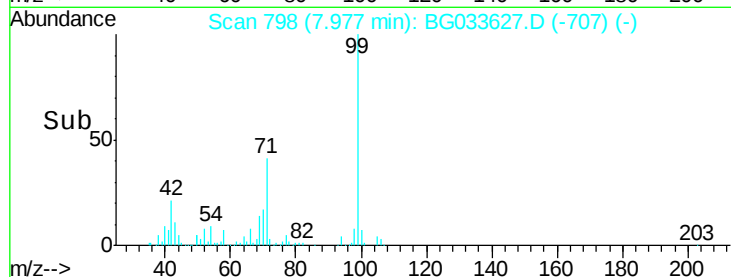
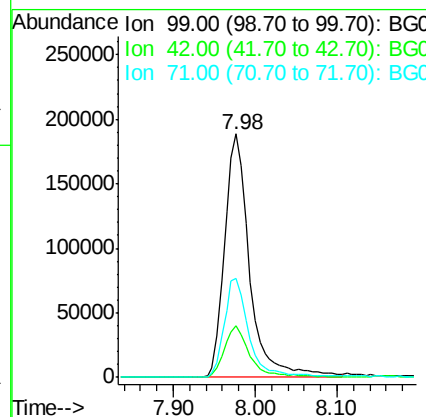
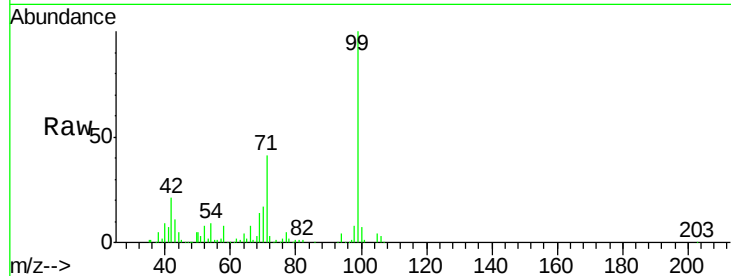
ClientSampleId :

PB107995BSD

Tot Ion:	99	Resp:	403413
Ion Ratio		Lower	Upper
99	100		
42	21.3	14.1	21.1#
71	40.9	26.1	39.1#

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#8

2-Chlorophenol

Concen: 52.229 ng

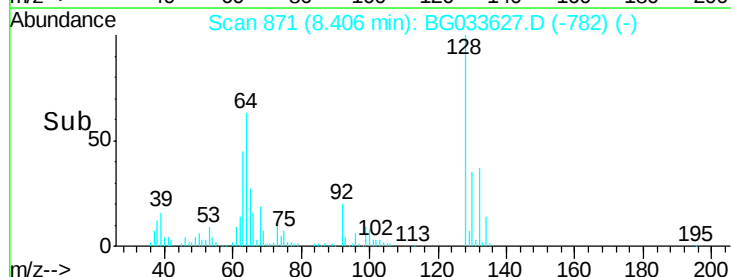
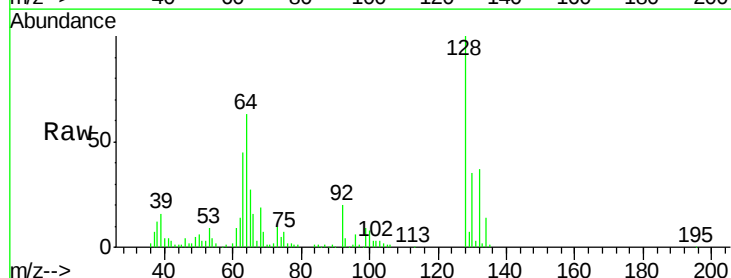
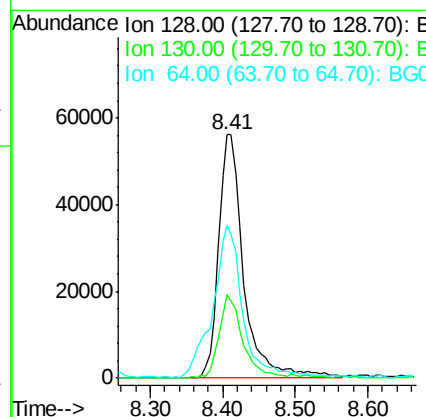
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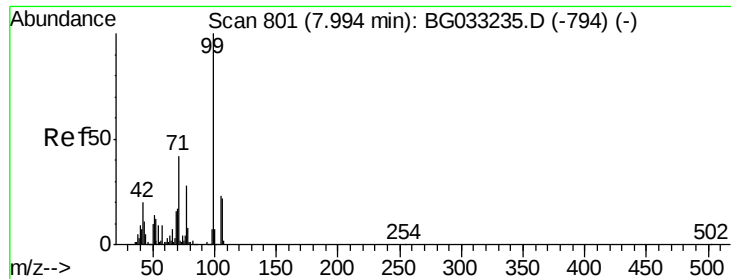
Delta R.T. -0.01 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Tgt Ion:	128	Resp:	134978
Ion Ratio		Lower	Upper
128	100		
130	34.6	14.0	54.0
64	62.9	37.7	77.7





#9

Benzaldehyde

Concen: 15.006 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.01 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

ClientSampleId :

PB107995BSD

Tot Ion: 77 Resp: 37040

Ion Ratio Lower Upper

77 100

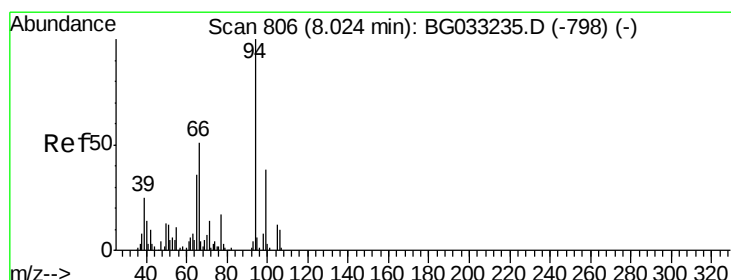
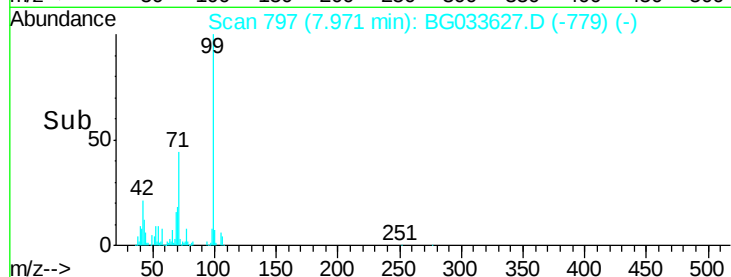
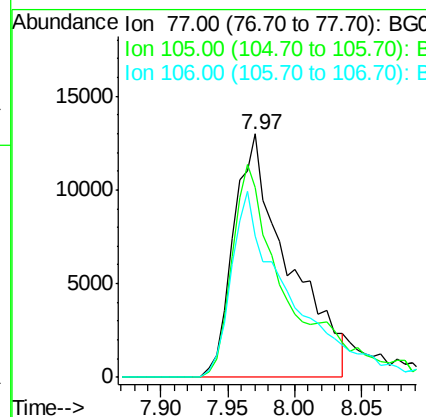
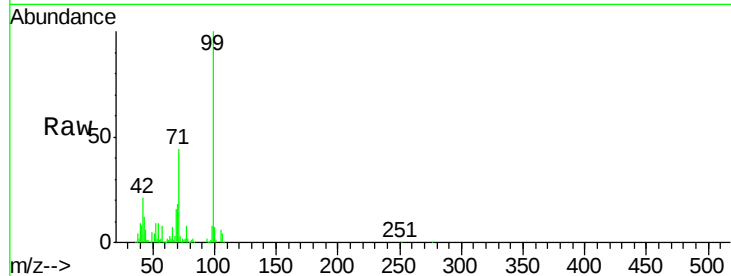
105 78.1 71.3 111.3

106 58.1 64.2 104.2#

Manual Integrations
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#10

Phenol

Concen: 50.893 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

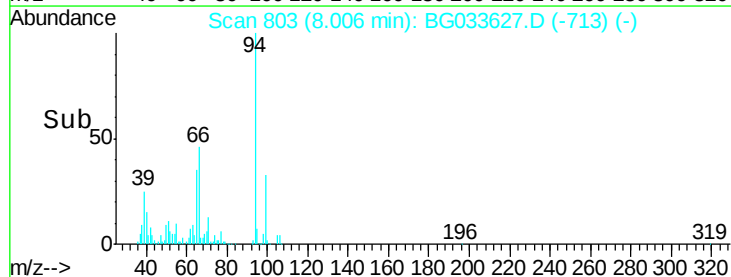
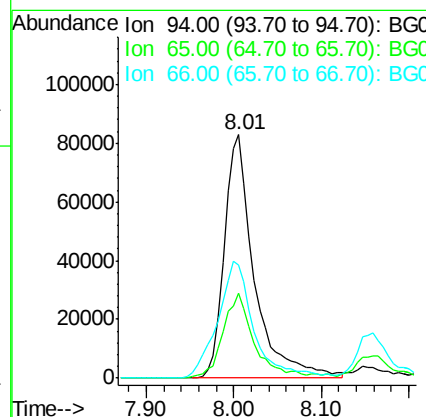
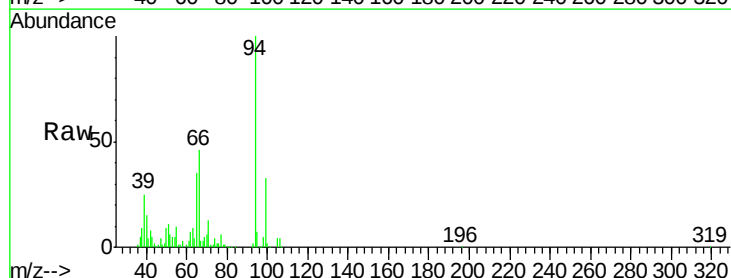
Tgt Ion: 94 Resp: 195171

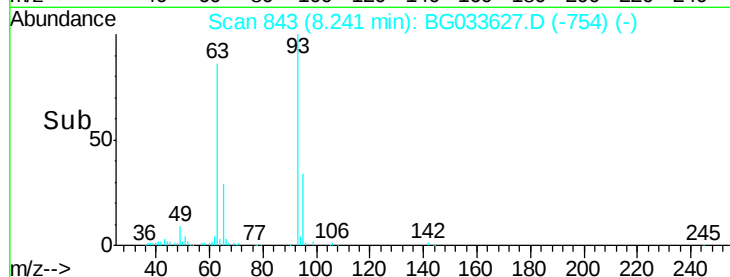
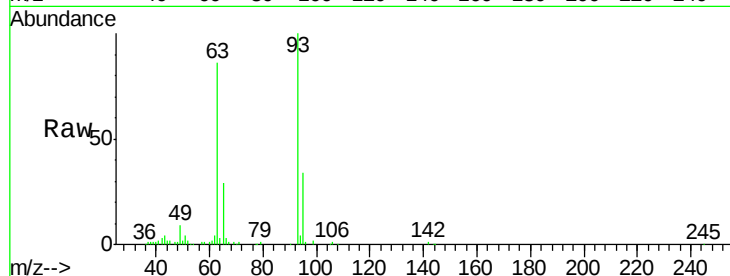
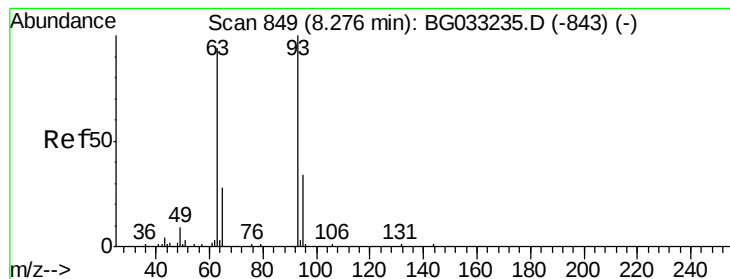
Ion Ratio Lower Upper

94 100

65 35.1 11.9 51.9

66 46.2 22.2 62.2





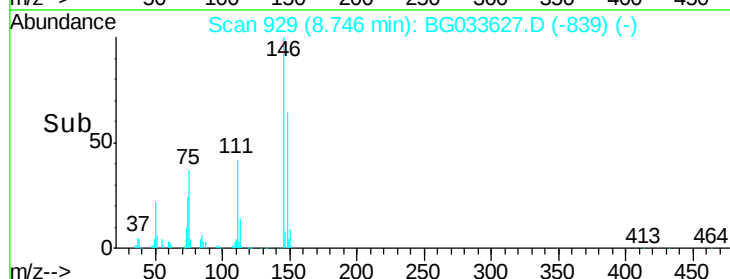
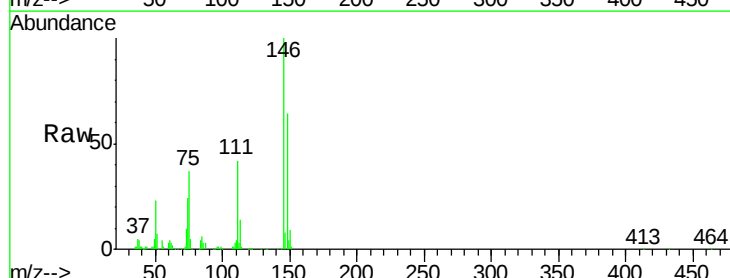
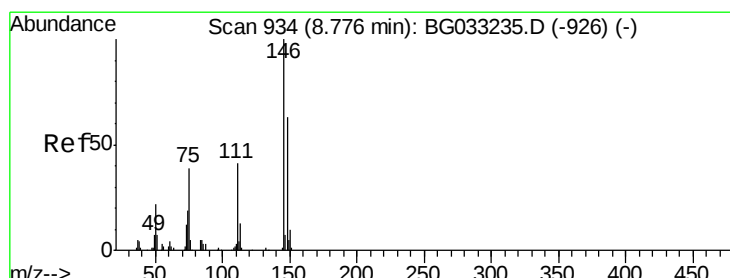
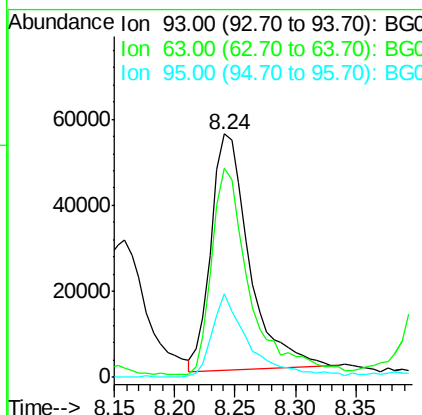
#11
bis(2-Chloroethyl)ether
Concen: 38.653 ng
RT: 8.24 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		120989		
63	85.6	67.1		107.1	
95	34.2	11.5		51.5	

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

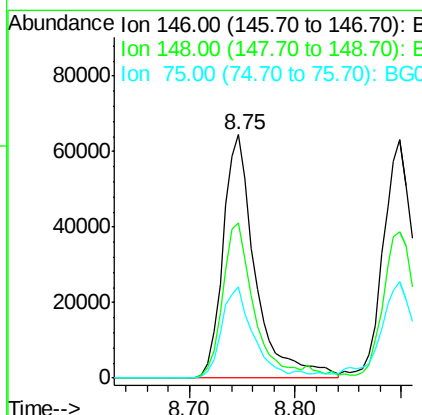
Manual Integrations
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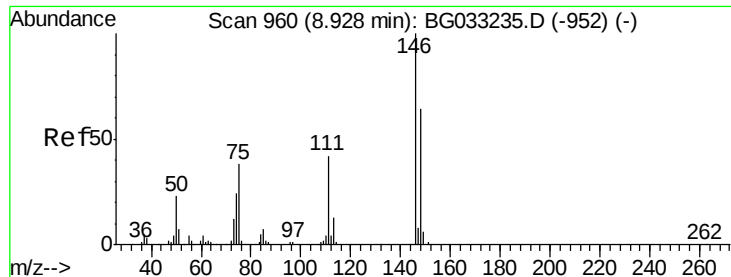
Sohil
4/6/2018 5:28:13 PM



#12
1,3-Dichlorobenzene
Concen: 40.379 ng
RT: 8.75 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		136431		
148	63.6	51.4		77.2	
75	37.3	26.6		39.8	





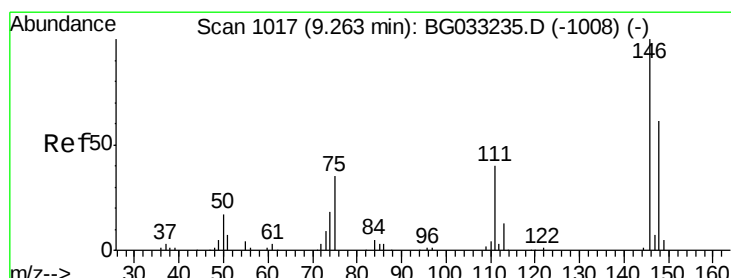
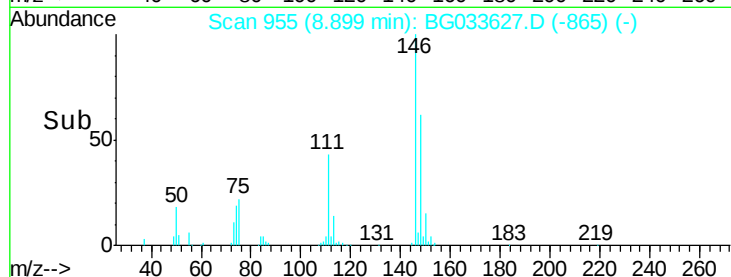
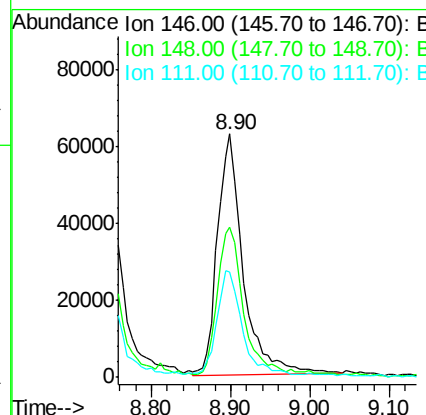
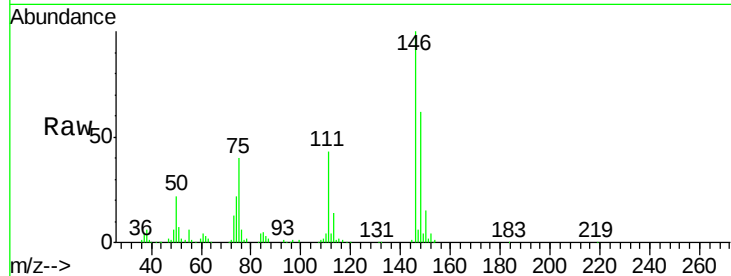
#13
1,4-Dichlorobenzene
Concen: 41.869 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	53.7	80.5
111	43.2	35.2	52.8

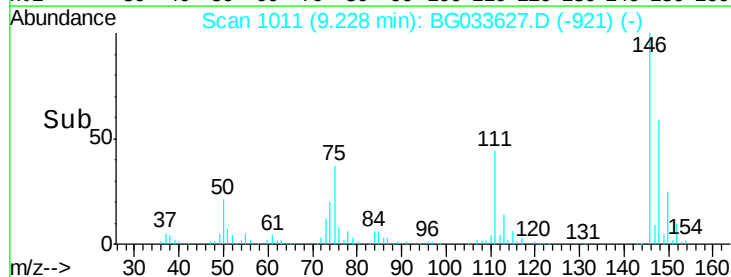
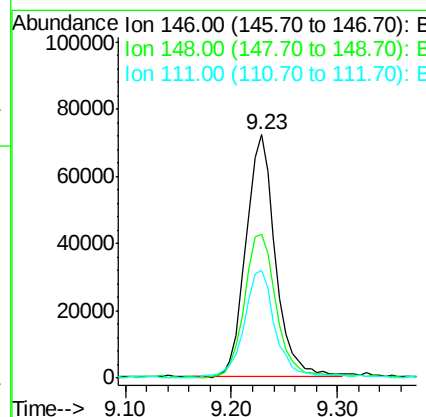
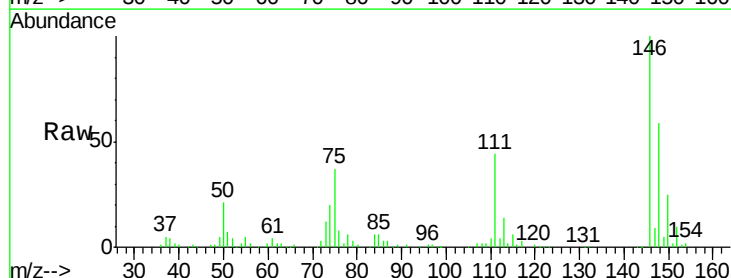
Manual Integrations
APPROVED

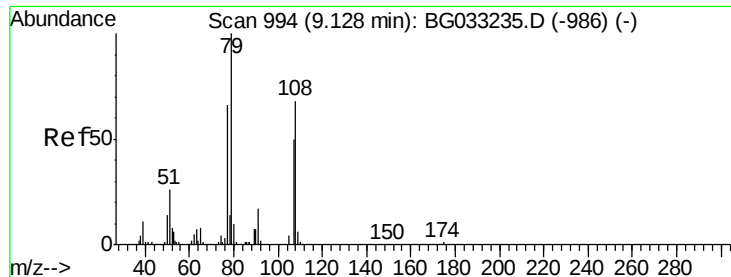
Sohil
4/6/2018 5:28:13 PM



#14
1,2-Dichlorobenzene
Concen: 42.424 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.2	49.3	73.9
111	44.4	34.3	51.5





#15

Benzyl Alcohol

Concen: 45.472 ng

RT: 9.10 min Scan# 989

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

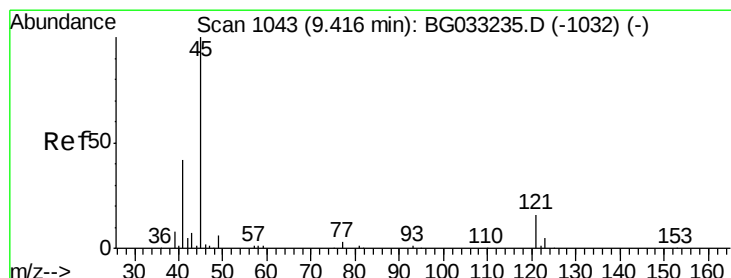
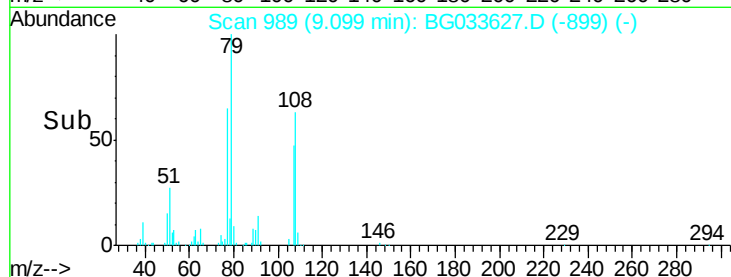
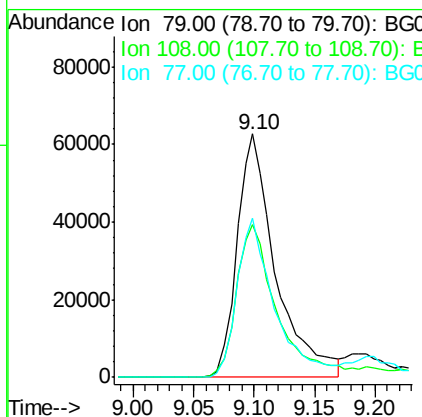
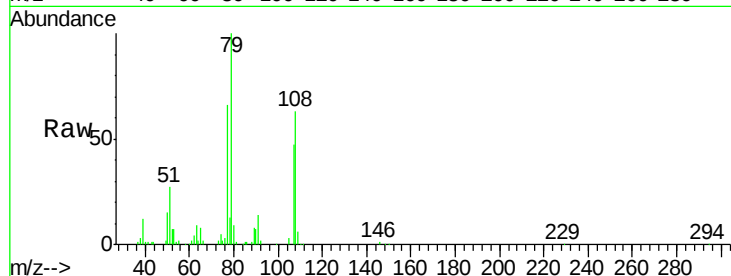
ClientSampleId :

PB107995BSD

Tot Ion:	79	Resp:	139059
Ion	Ratio	Lower	Upper
79	100		
108	62.7	57.2	85.8
77	65.6	46.1	69.1

Manual Integrations
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4/6/2018 5:28:13 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.116 ng

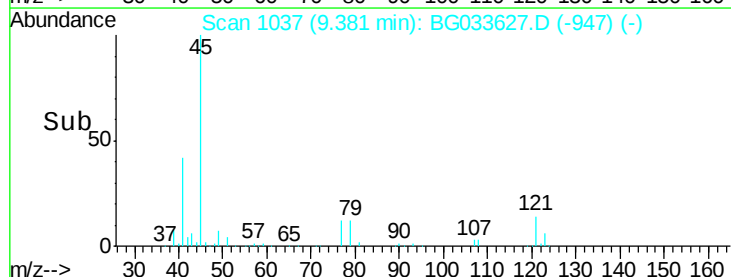
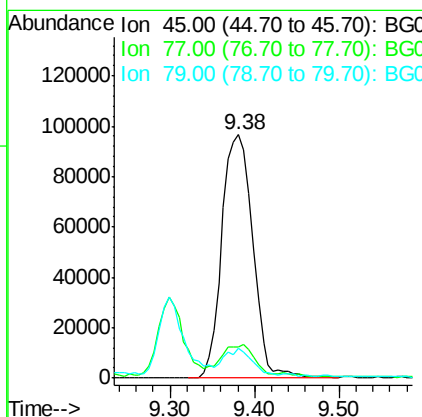
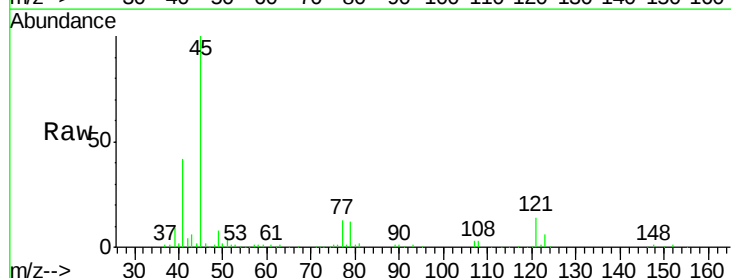
RT: 9.38 min Scan# 1037

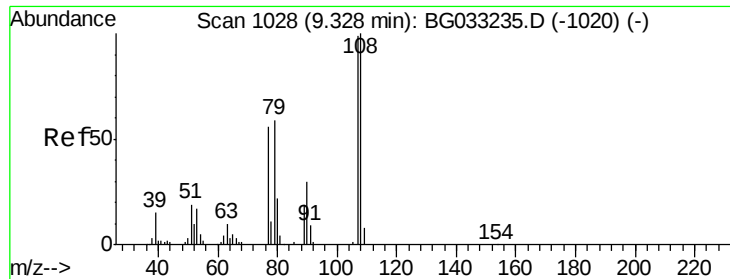
Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Tgt Ion:	45	Resp:	245525
Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	30.2
79	12.1	0.0	27.9





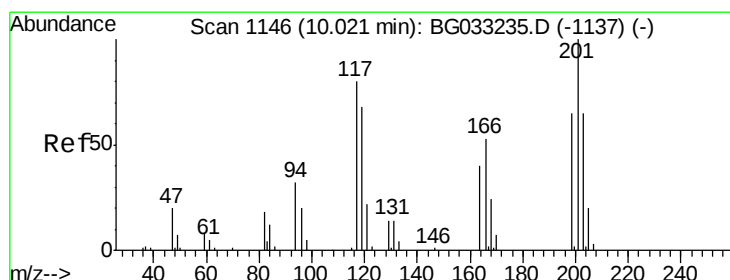
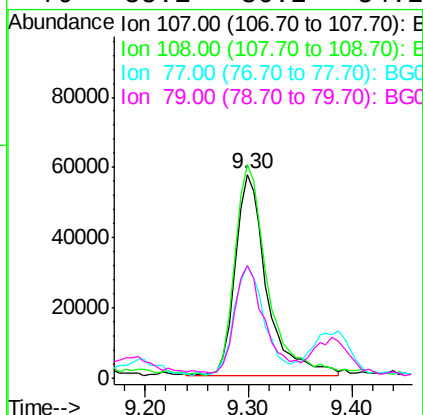
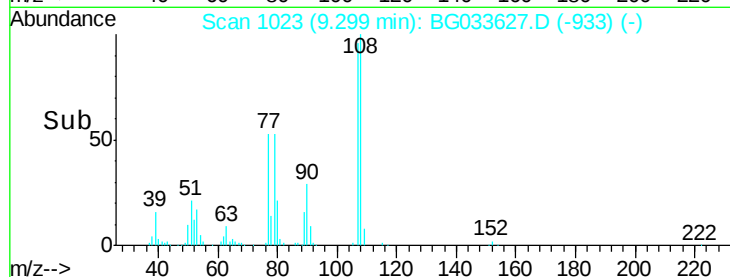
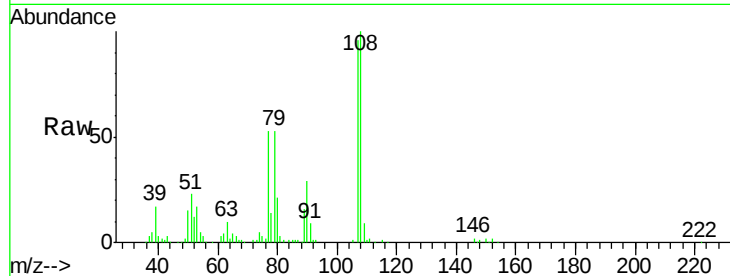
#17
2-Methylphenol
Concen: 46.642 ng/ml
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.6	83.9	125.9	
77	55.2	37.2	55.8	
79	55.1	36.2	54.2	

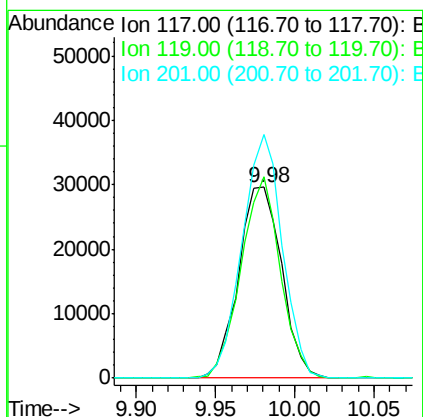
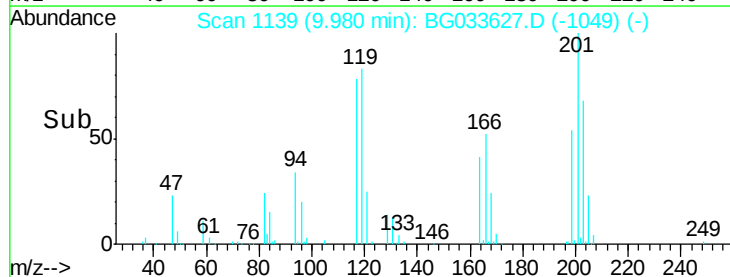
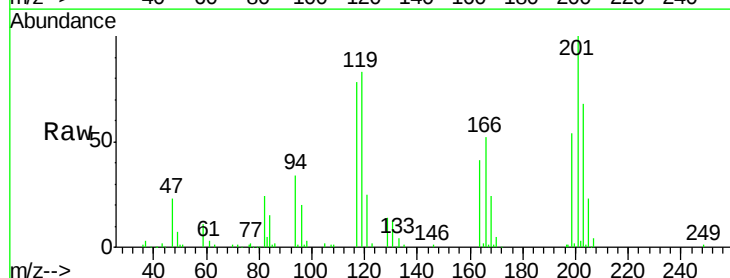
Manual Integrations
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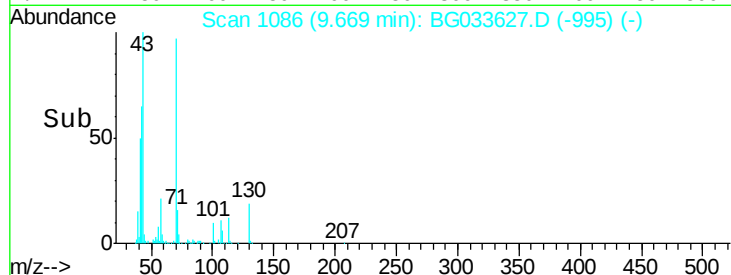
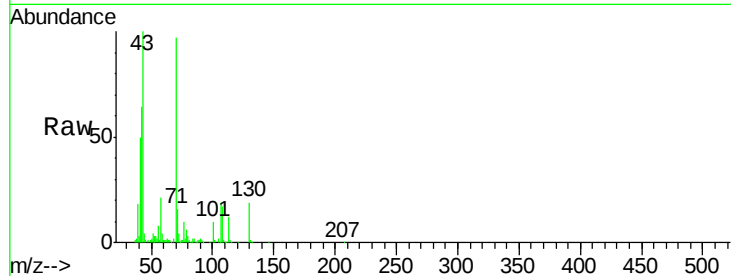
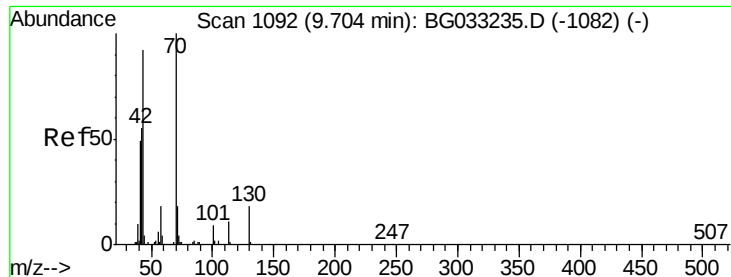
Sohil
4/6/2018 5:28:13 PM



#18
Hexachloroethane
Concen: 43.039 ng/ml
RT: 9.98 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	105.7	76.7	115.1	
201	127.8	95.7	143.5	





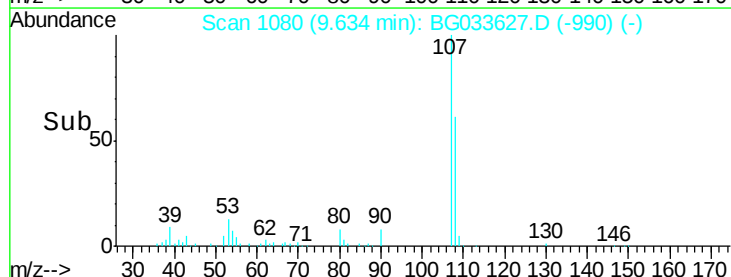
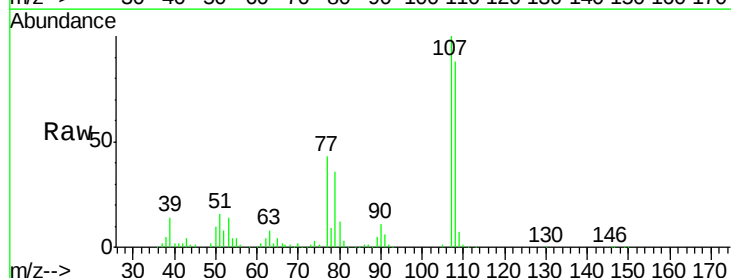
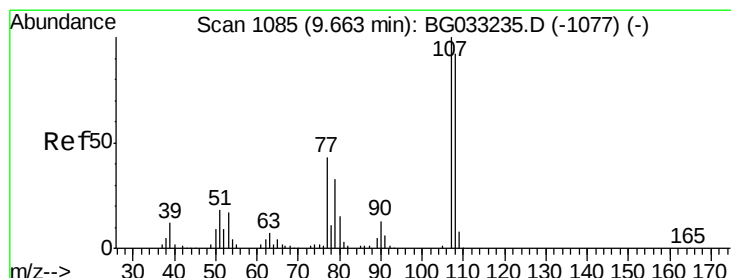
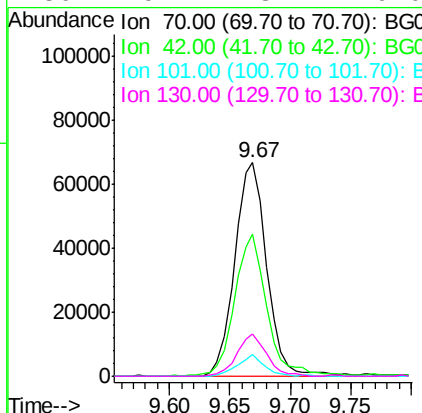
#19
n-Nitroso-di-n-propylamine
Concen: 43.074 ng
RT: 9.67 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Manual Integrations
APPROVED

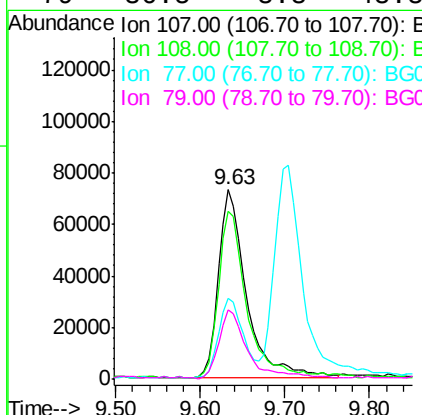
Sohil
4/6/2018 5:28:13 PM

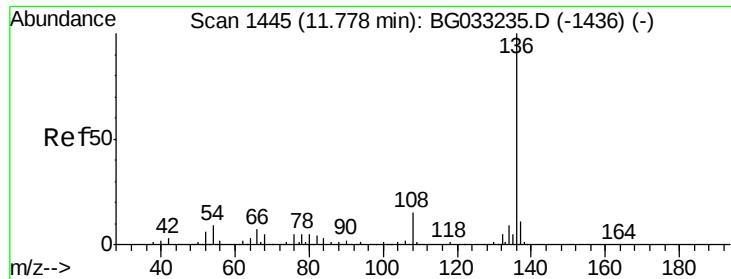
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	66.7	49.1	73.7		
101	10.3	8.5	12.7		
130	19.7	13.4	20.0		



#20
3+4-Methylphenols
Concen: 45.452 ng
RT: 9.63 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.3	61.6	101.6		
77	42.6	13.9	53.9		
79	36.5	8.8	48.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

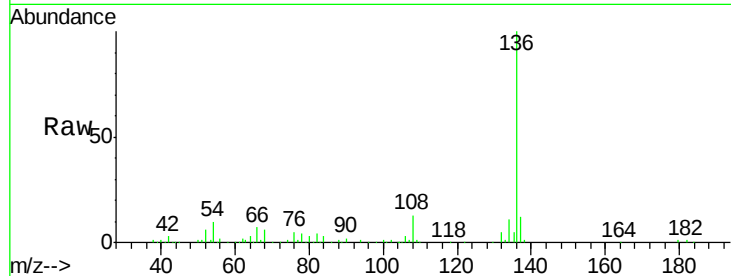
ClientSampleId :

PB107995BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.5	9.2	13.8	
54	9.6	10.3	15.5	
68	5.6	4.5	6.7	

Manual Integrations
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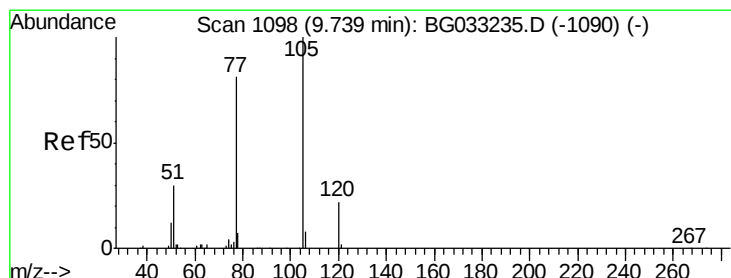
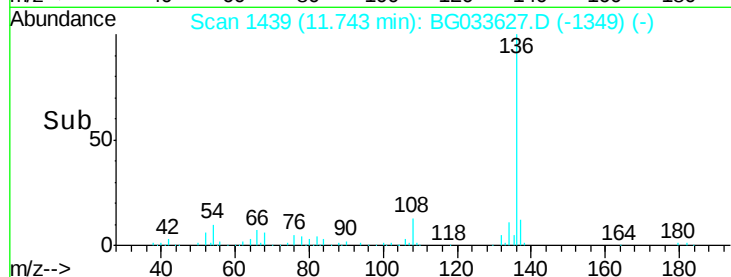
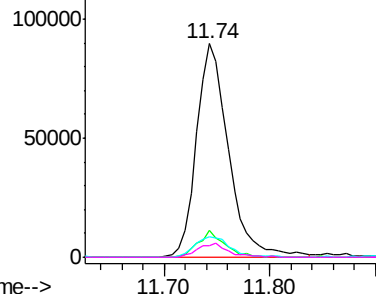


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.742 ng

RT: 9.70 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

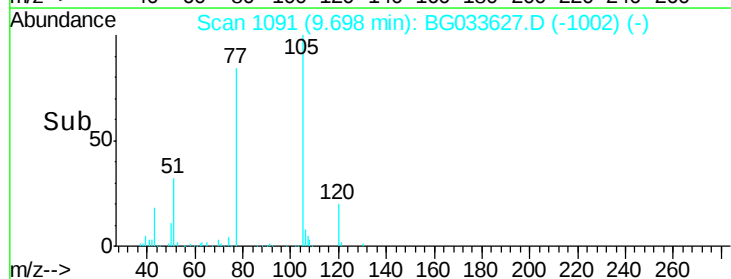
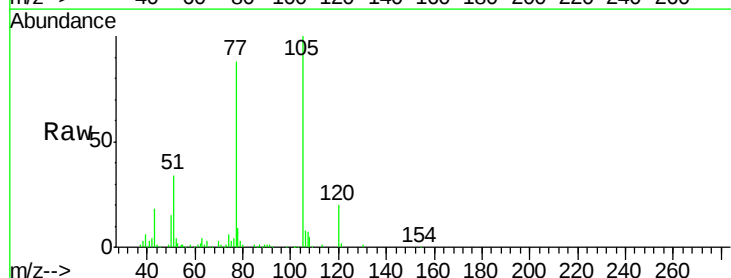
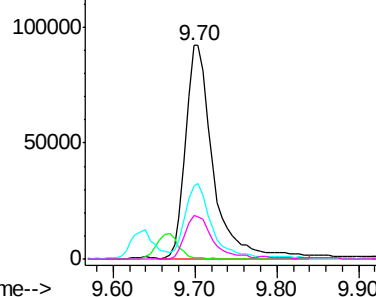
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.8	3.0	4.4	
51	33.9	26.1	39.1	
120	20.2	17.4	26.2	

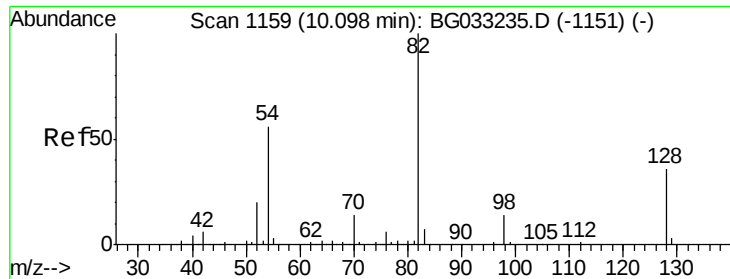
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





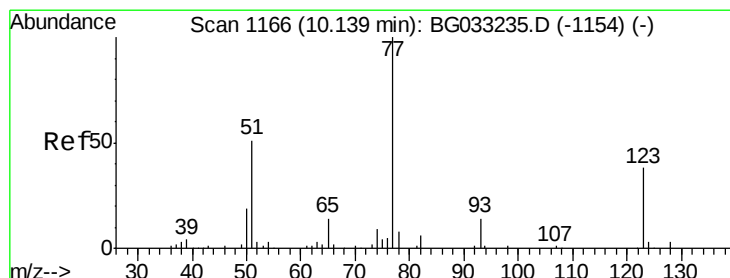
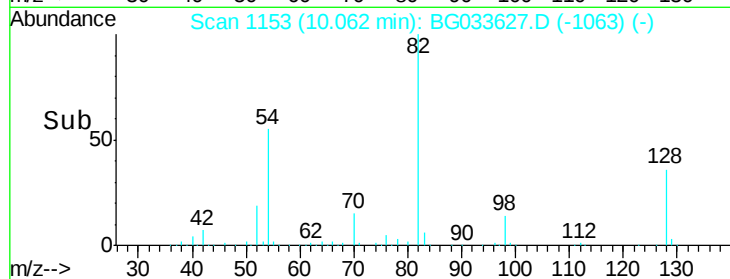
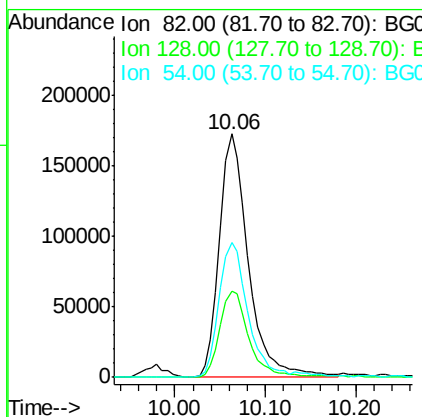
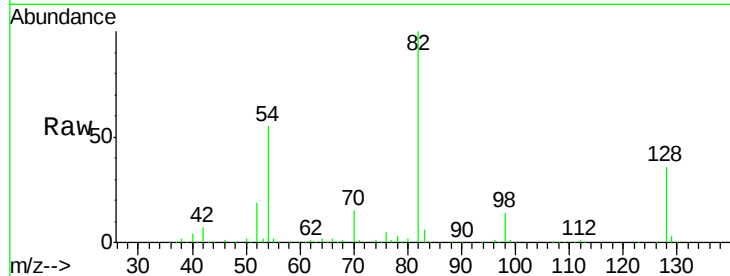
#23
Nitrobenzene-d5
Concen: 94.126 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.6	29.7	44.5	
54	55.3	43.1	64.7	

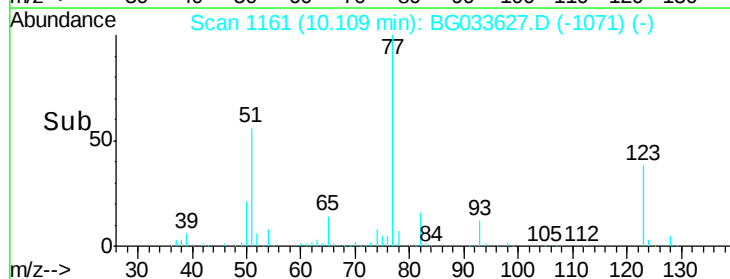
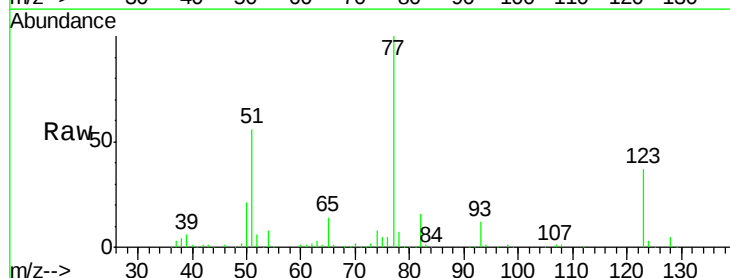
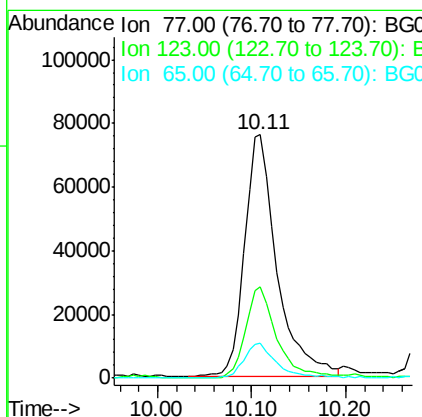
Manual Integrations
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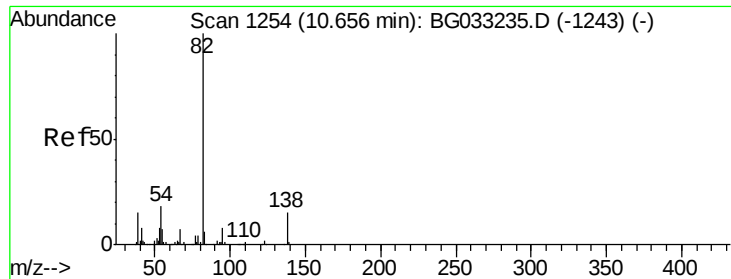
Sohil
4/6/2018 5:28:13 PM



#24
Nitrobenzene
Concen: 41.690 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.3	33.0	49.6	
65	14.3	13.0	19.6	





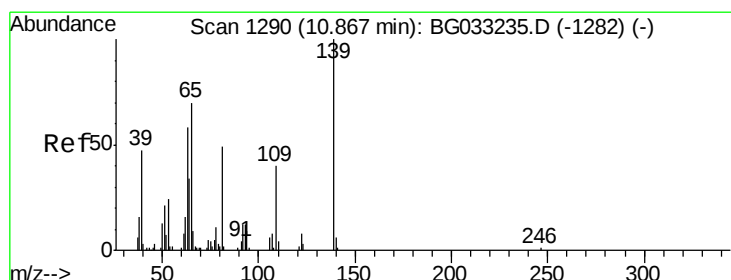
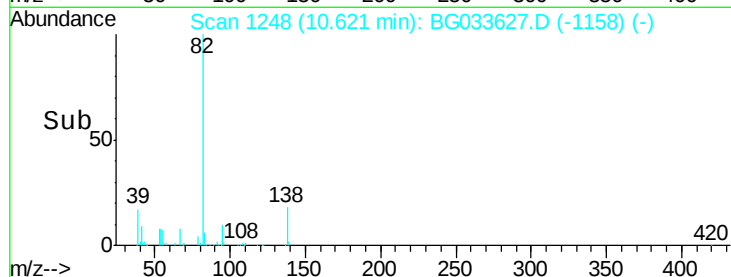
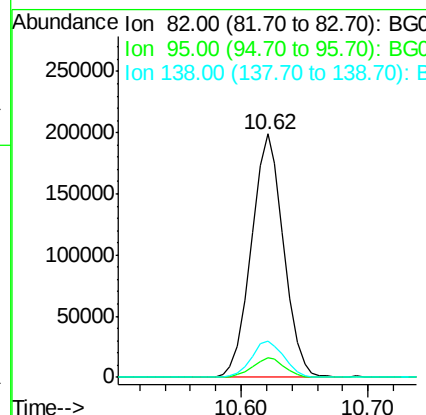
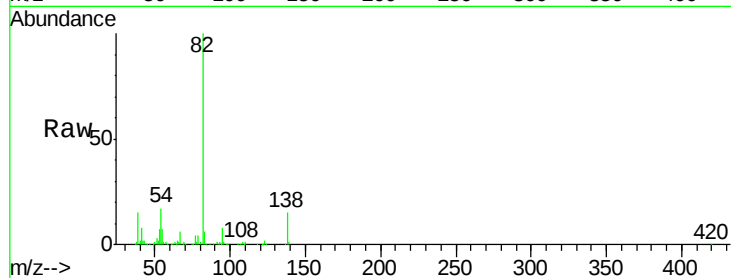
#25
Isophorone
Concen: 43.931 ng
RT: 10.62 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.1	6.2	9.2	
138	14.7	12.1	18.1	

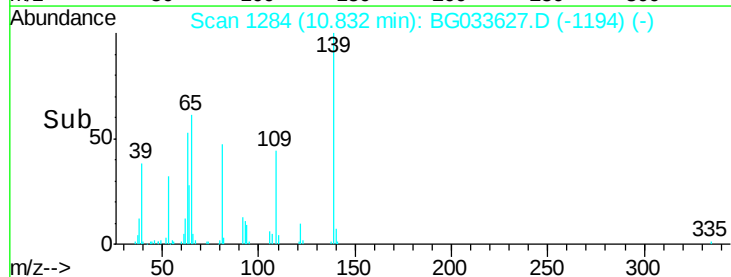
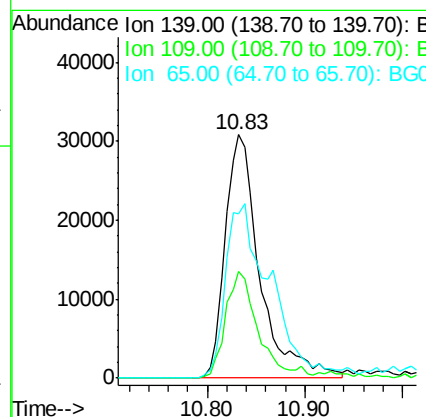
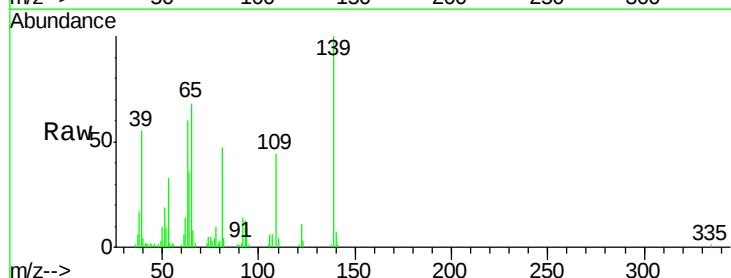
Manual Integrations
APPROVED

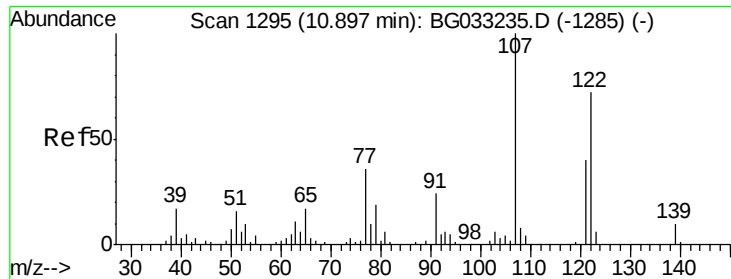
Sohil
4/6/2018 5:28:13 PM



#26
2-Nitrophenol
Concen: 45.745 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	43.6	24.2	36.2	
65	67.6	47.4	71.0	





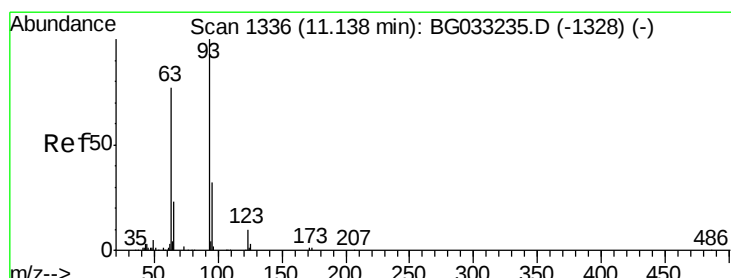
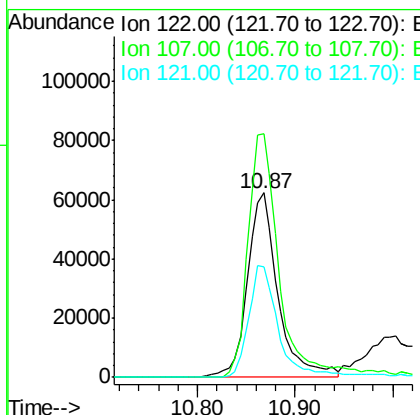
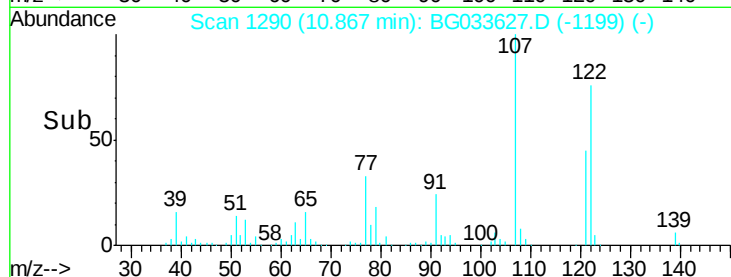
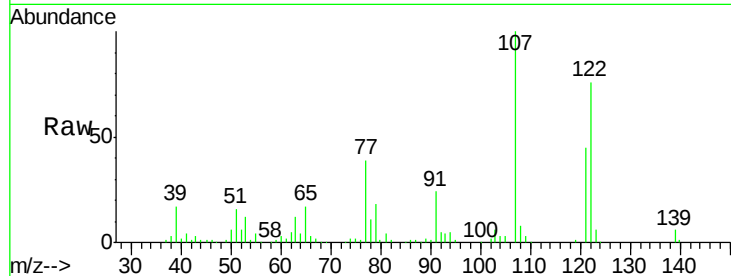
#27
2,4-Dimethylphenol
Concen: 56.260 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	132.2	100.2	150.2		
121	59.9	44.4	66.6		

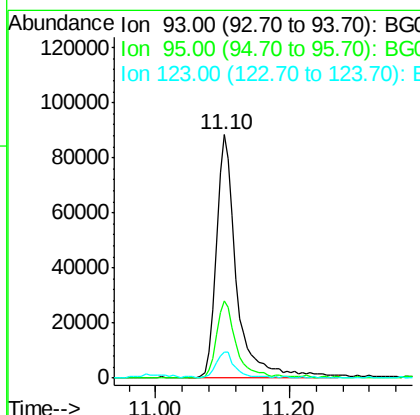
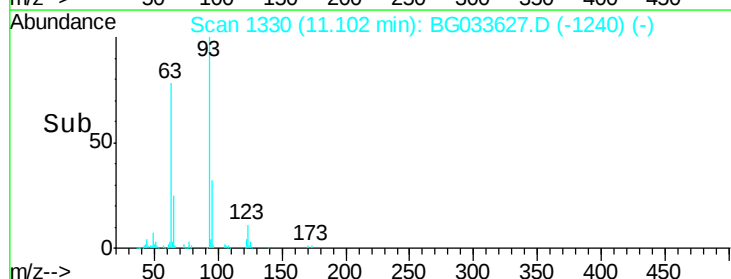
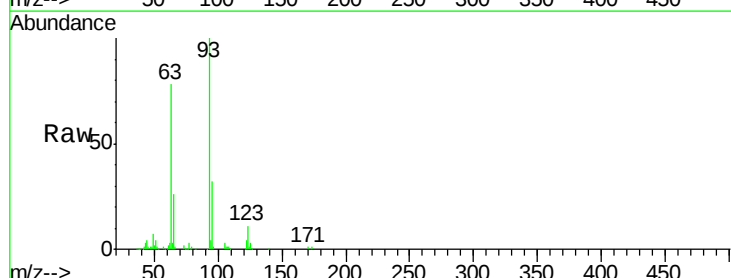
Manual Integrations
APPROVED

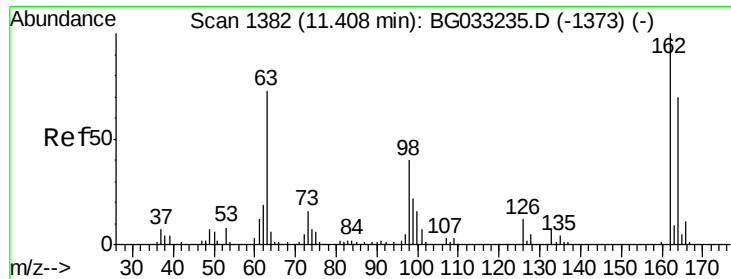
Sohil
4/6/2018 5:28:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.830 ng
RT: 11.10 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.8	24.3	36.5		
123	10.8	8.4	12.6		





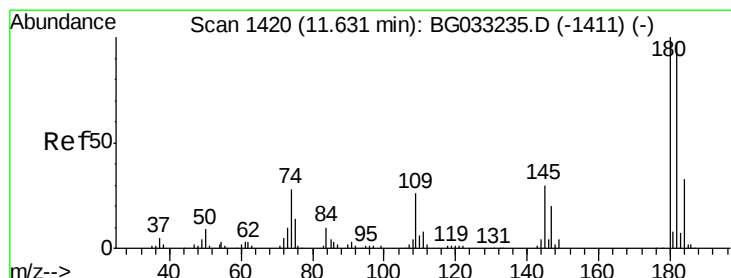
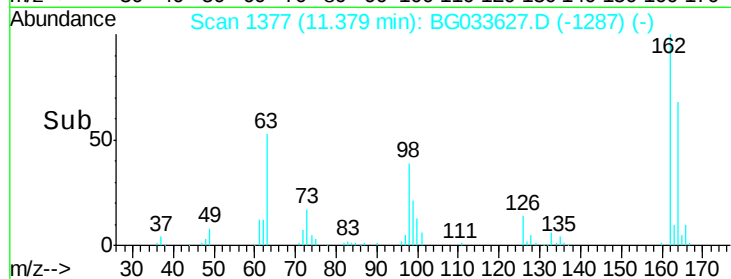
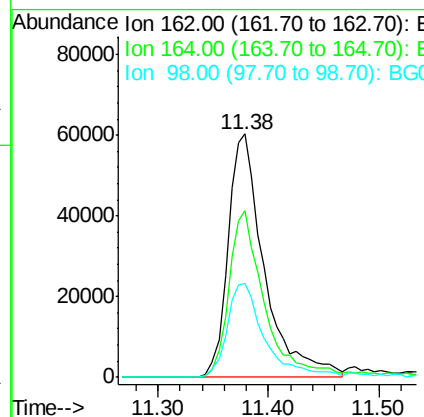
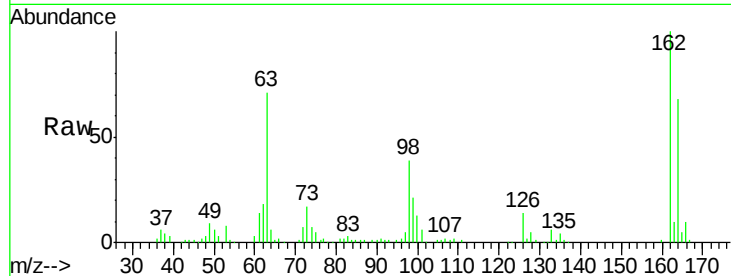
#29
2,4-Dichlorophenol
Concen: 46.610 ng
RT: 11.38 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	138393		
164	68.5	48.0	88.0	
98	38.7	21.1	61.1	

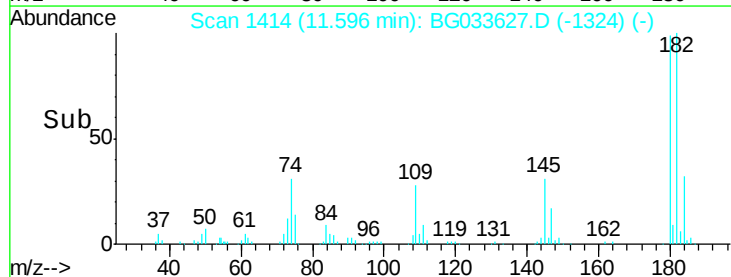
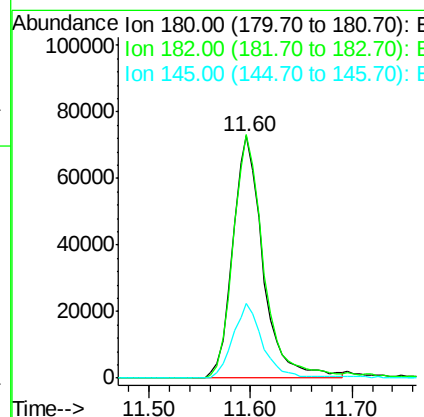
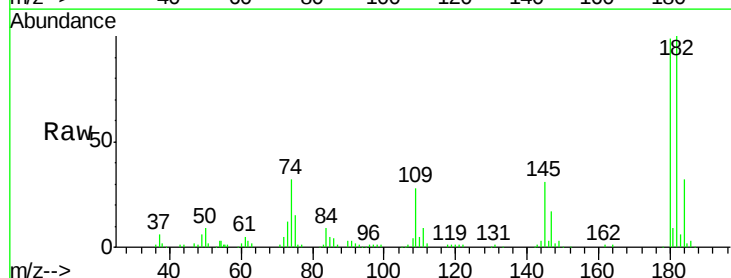
Manual Integrations
APPROVED

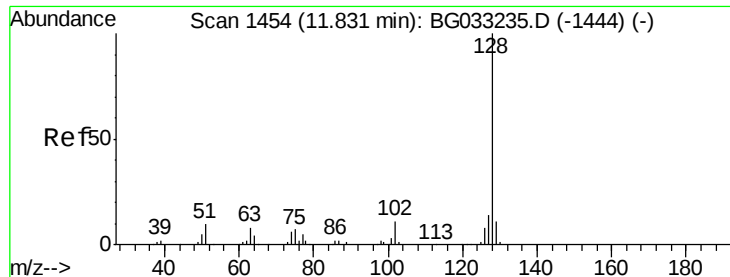
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.069 ng
RT: 11.60 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	150713		
182	100.6	77.5	116.3	
145	30.7	23.4	35.2	





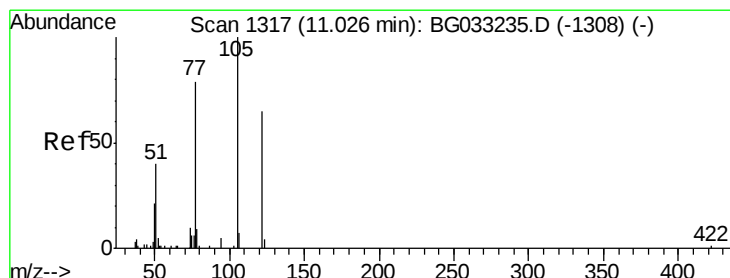
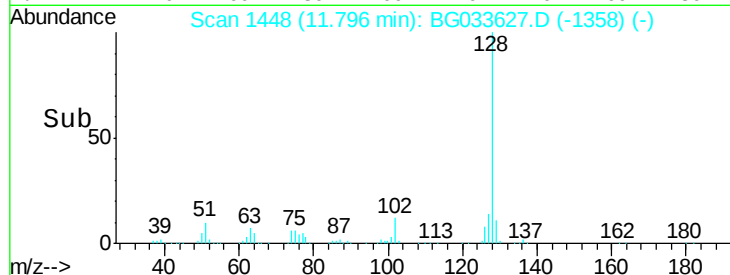
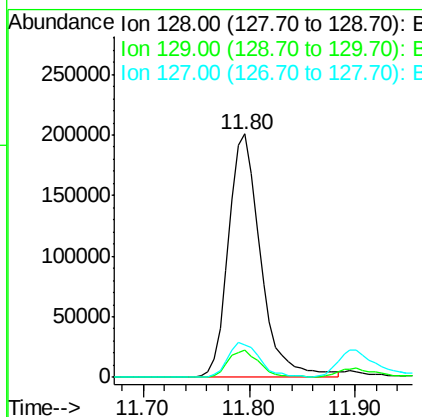
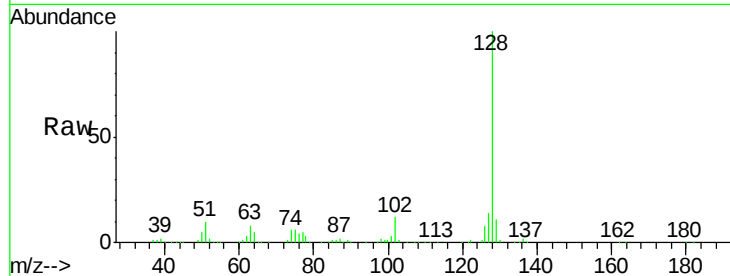
#31
Naphthalene
Concen: 43.386 ng
RT: 11.80 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.6	11.6	17.4

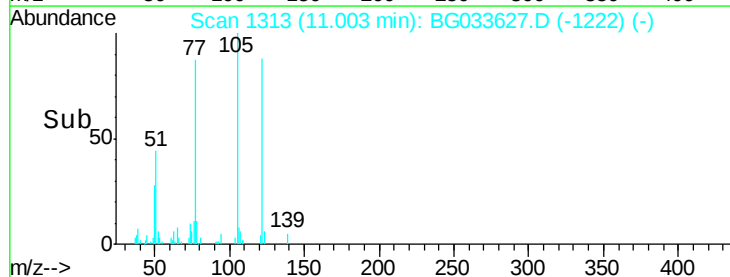
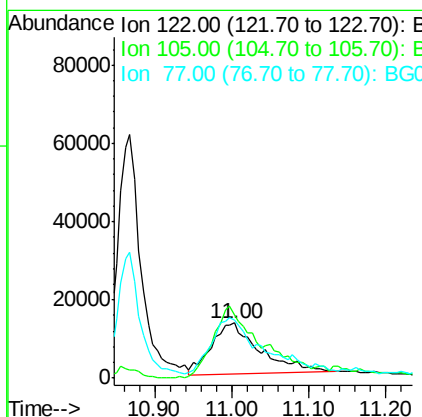
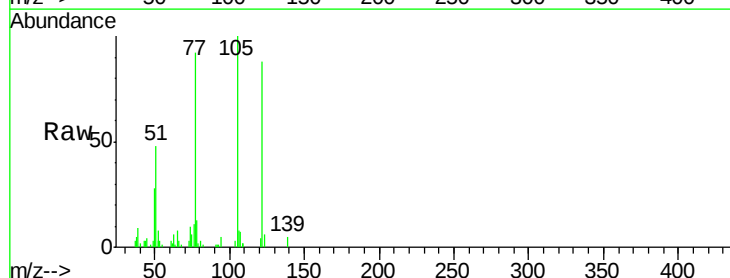
Manual Integrations
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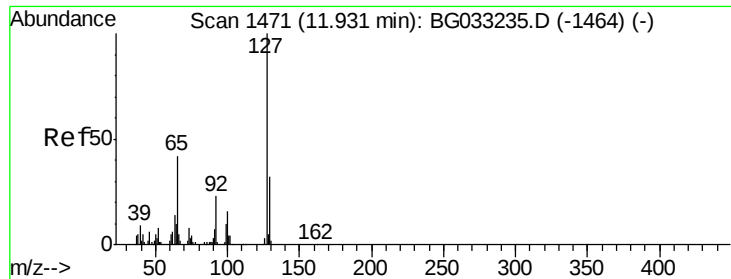
Sohil
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#32
Benzoic acid
Concen: 25.661 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.7	123.5	163.5#
77	104.4	85.7	125.7





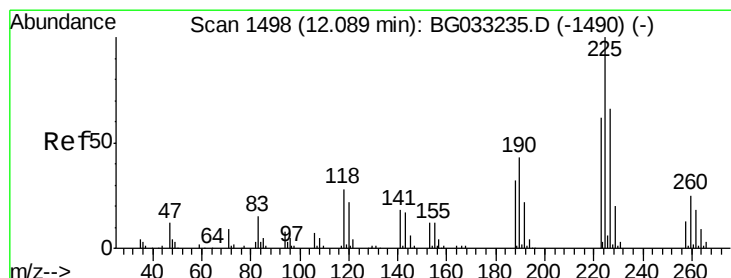
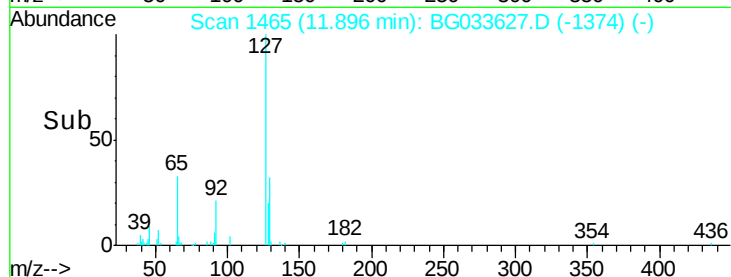
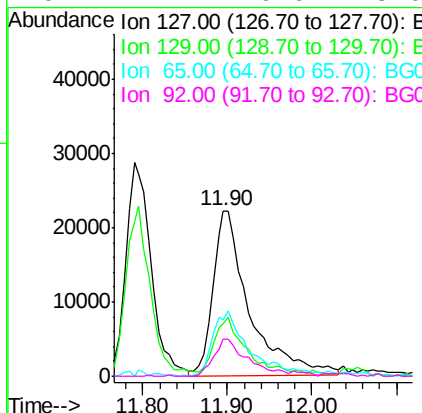
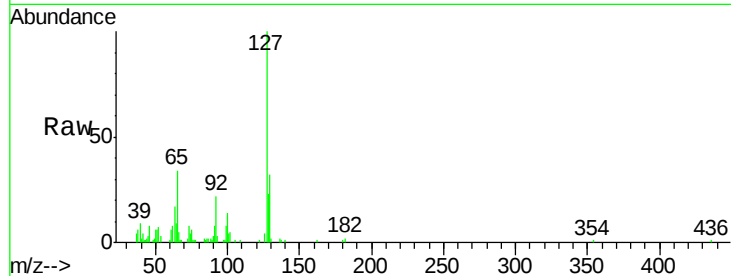
#33
4-Chloroaniline
Concen: 15.176 ng
RT: 11.90 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		66388		
129	32.0	24.0	36.0		
65	33.8	27.0	40.4		
92	22.4	16.6	25.0		

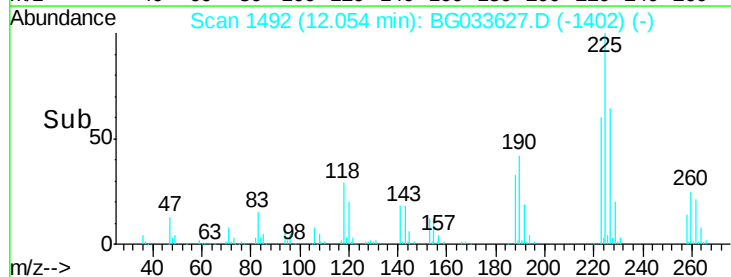
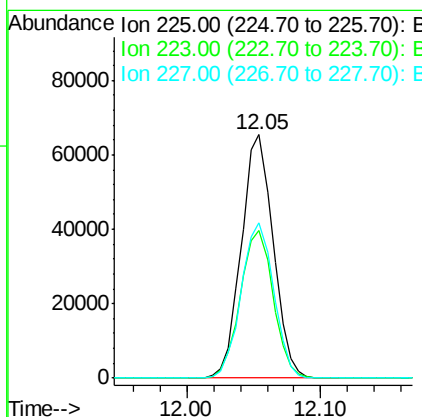
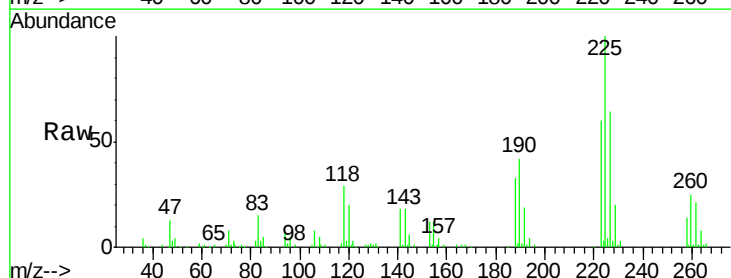
Manual Integrations
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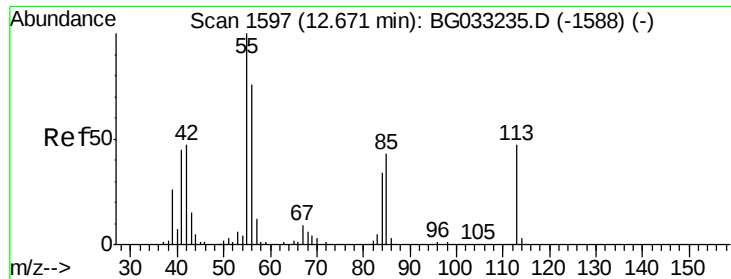
Sohil
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#34
Hexachlorobutadiene
Concen: 37.016 ng
RT: 12.05 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		107984		
223	60.4	49.7	74.5		
227	64.0	48.1	72.1		





#35

Caprolactam

Concen: 42.105 ng

RT: 12.64 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

ClientSampleId :

PB107995BSD

Tot Ion:113 Resp: 48976

Ion Ratio Lower Upper

113 100

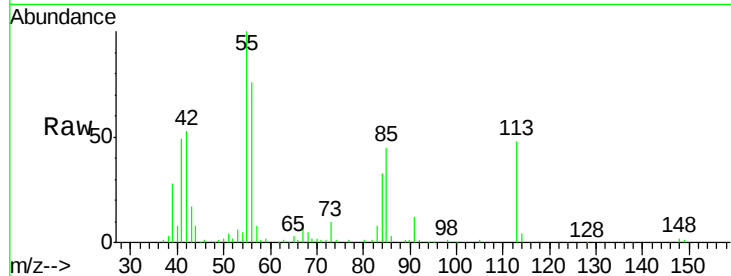
55 208.3 186.9 226.9

56 157.9 130.9 170.9

Manual Integrations
APPROVED

Sohil

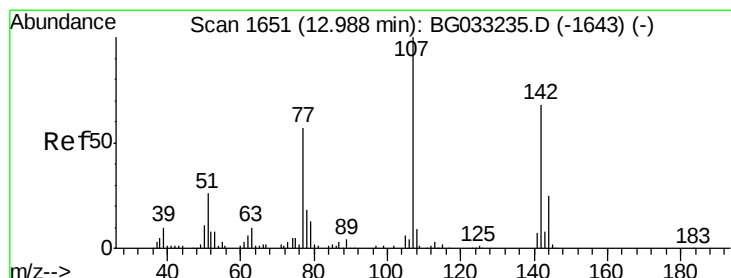
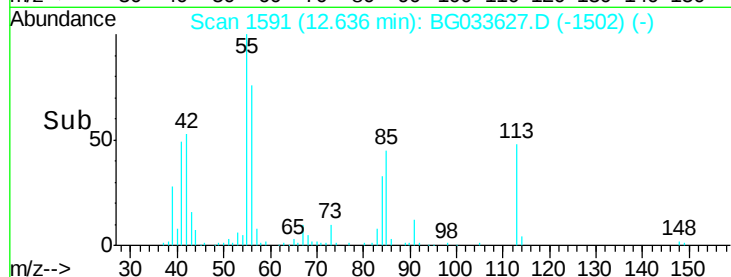
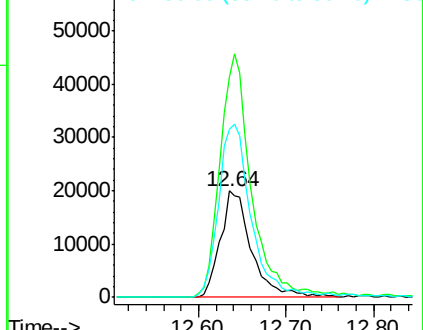
4/6/2018 5:28:13 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.317 ng

RT: 12.96 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

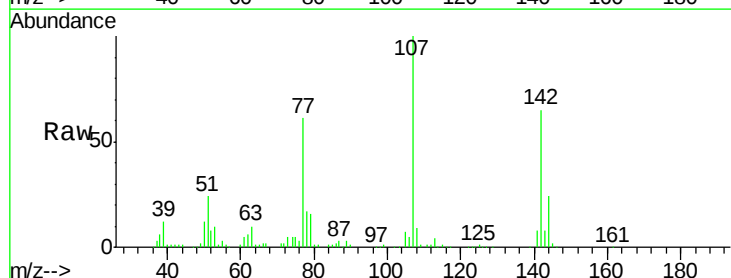
Tgt Ion:107 Resp: 175493

Ion Ratio Lower Upper

107 100

144 23.8 18.2 27.4

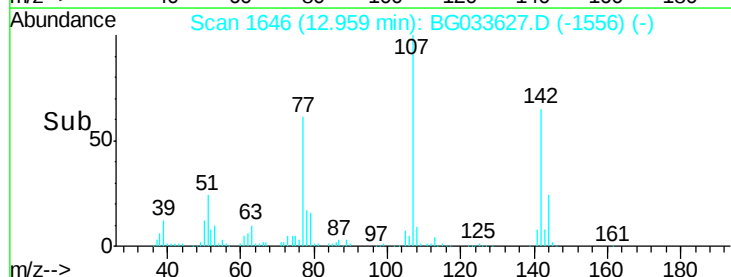
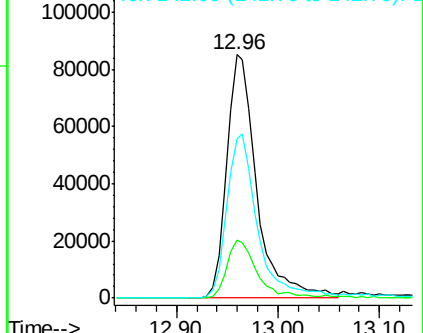
142 65.5 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.633 ng

RT: 13.35 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

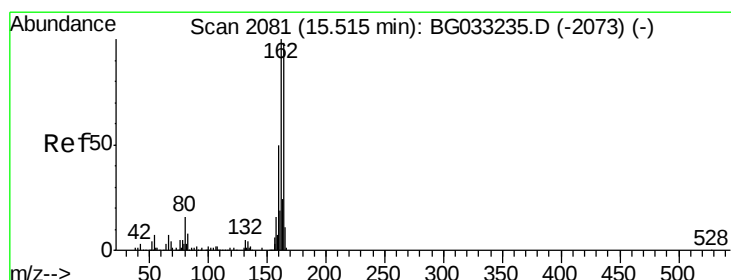
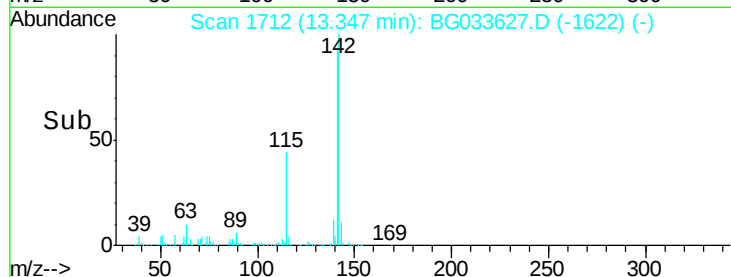
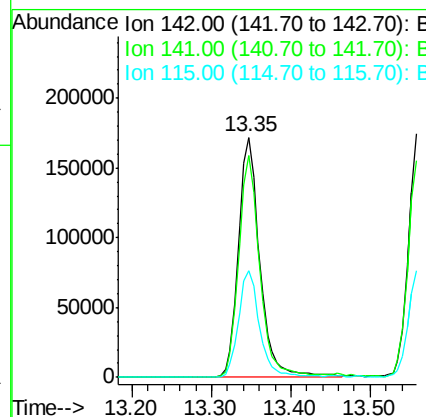
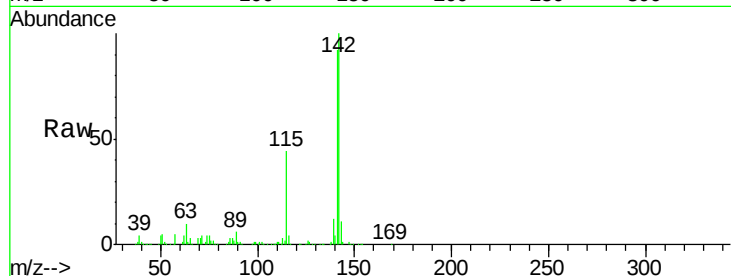
ClientSampleId :

PB107995BSD

Tot Ion:	142	Resp:	323102
Ion Ratio	Lower	Upper	
142	100		
141	92.4	67.1	100.7
115	44.2	30.7	46.1

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

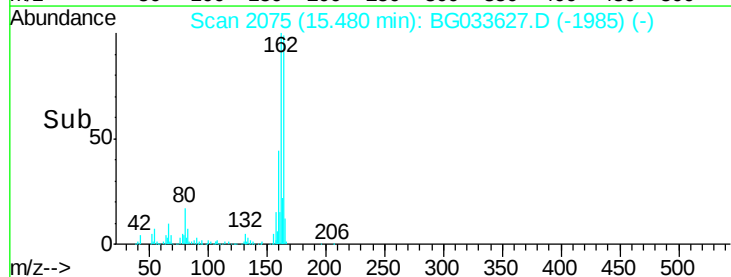
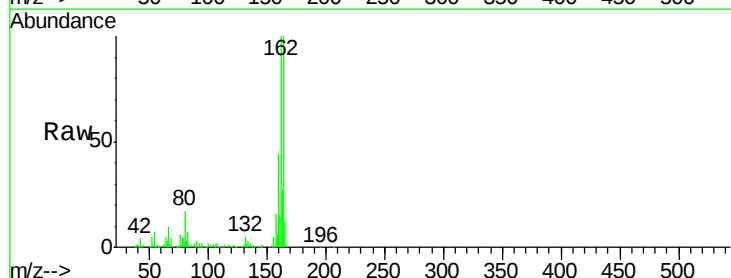
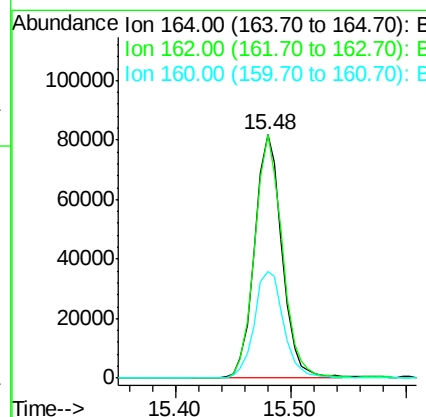
RT: 15.48 min Scan# 2075

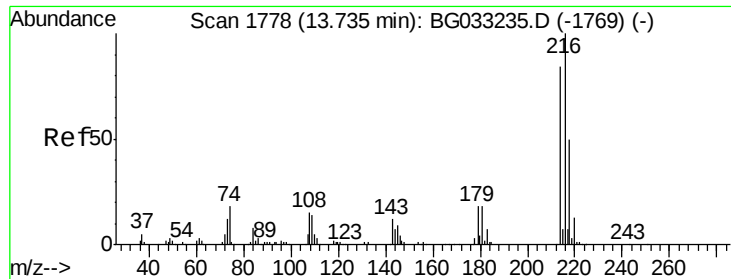
Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Tgt Ion:	164	Resp:	135682
Ion Ratio	Lower	Upper	
164	100		
162	100.1	78.8	118.2
160	43.7	35.4	53.0





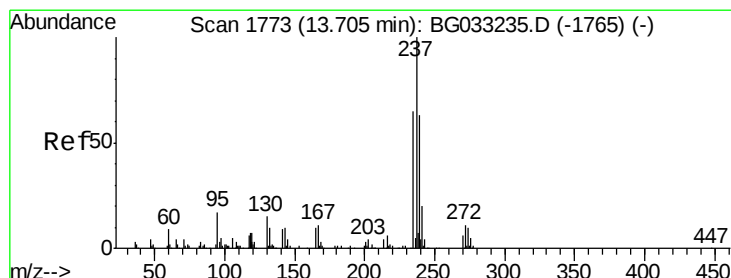
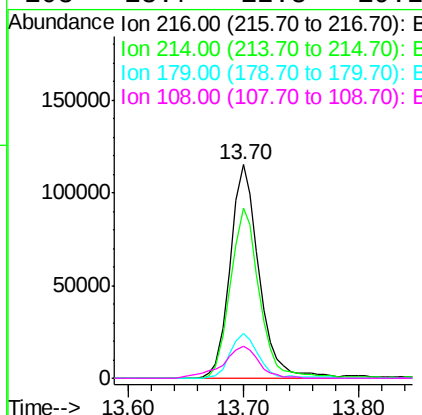
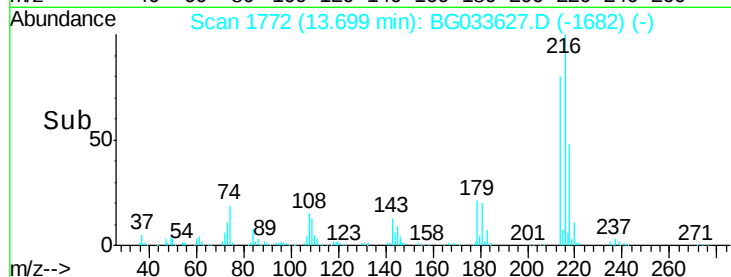
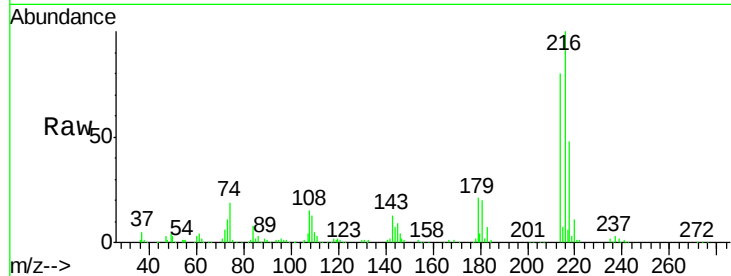
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.561 ng
 RT: 13.70 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		199350		
214	80.3		63.0	94.4	
179	20.9		17.0	25.6	
108	18.7		12.8	19.2	

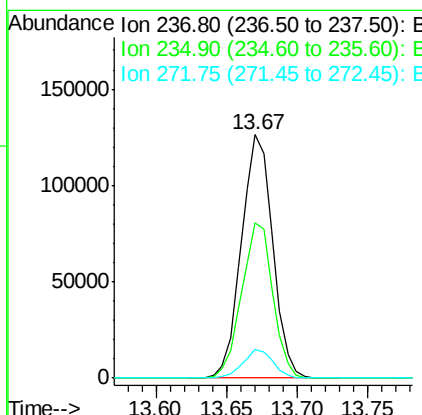
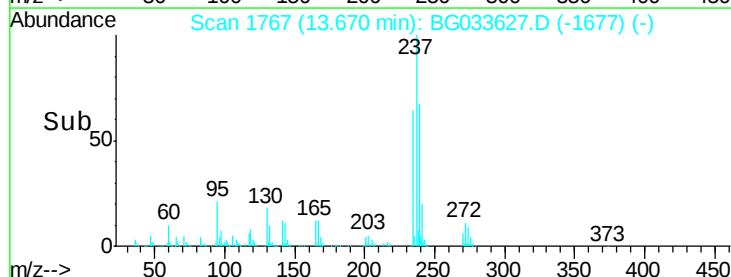
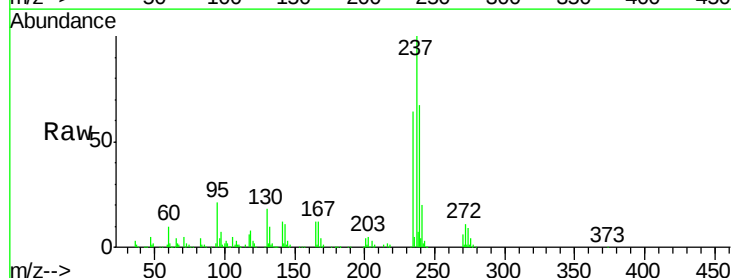
Manual Integrations
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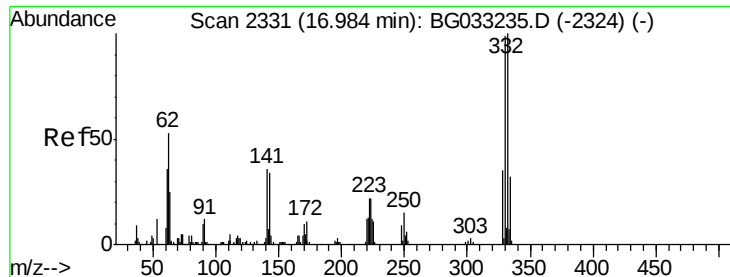
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 67.954 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		195787		
235	64.0		50.4	90.4	
272	11.5		0.0	31.8	





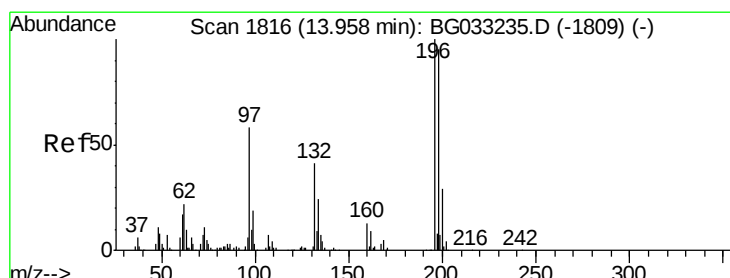
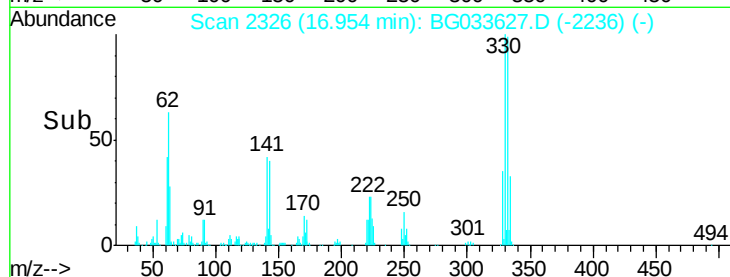
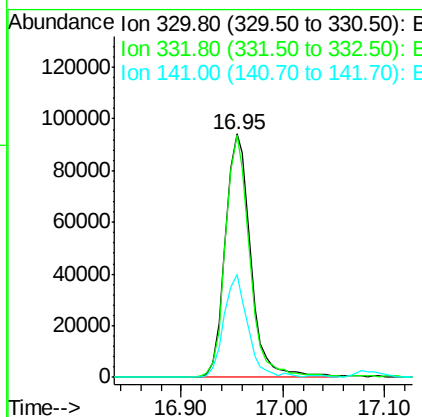
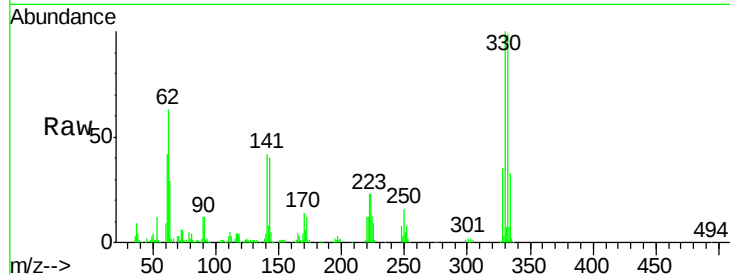
#41
 2,4,6-Tribromophenol
 Concen: 80.714 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.0	115.6	
141	40.0	25.2	37.8	

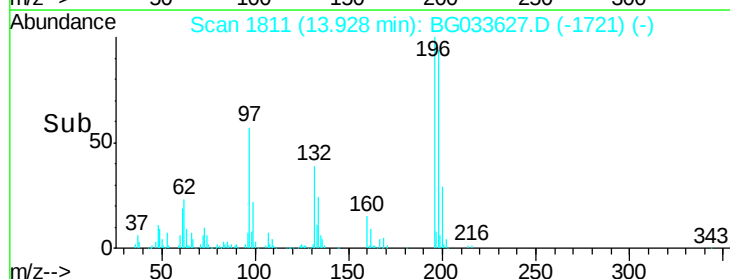
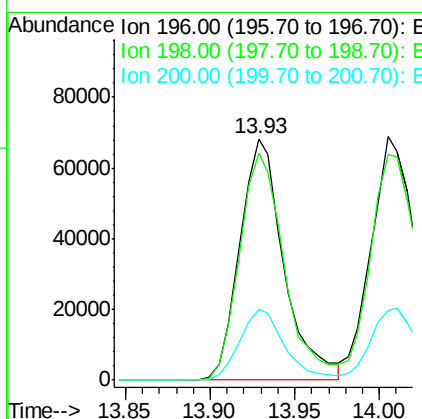
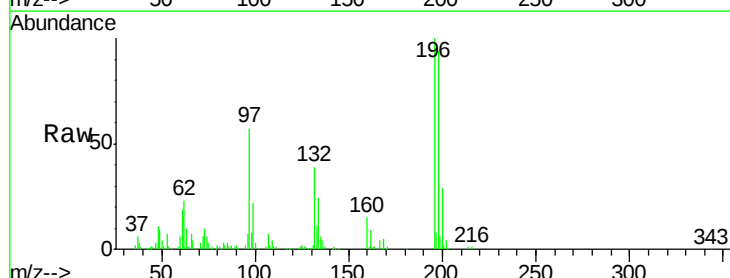
Manual Integrations
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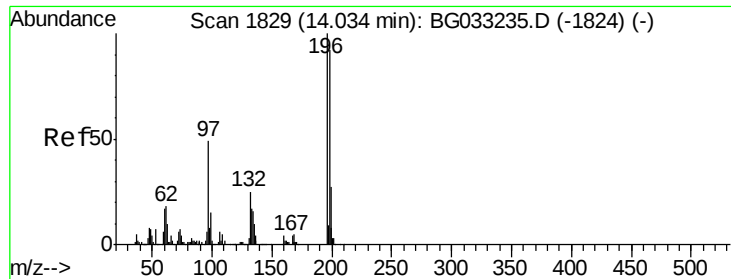
Sohil
 4/6/2018 5:28:13 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.449 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.0	78.2	117.2	
200	29.4	24.6	36.8	





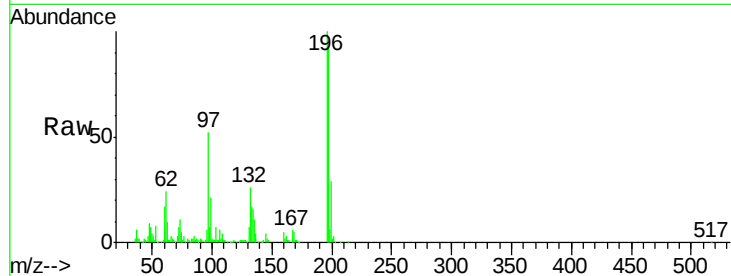
#43
2,4,5-Trichlorophenol
Concen: 41.760 ng
RT: 14.00 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

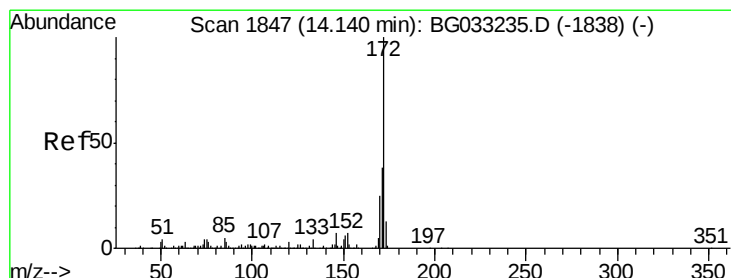
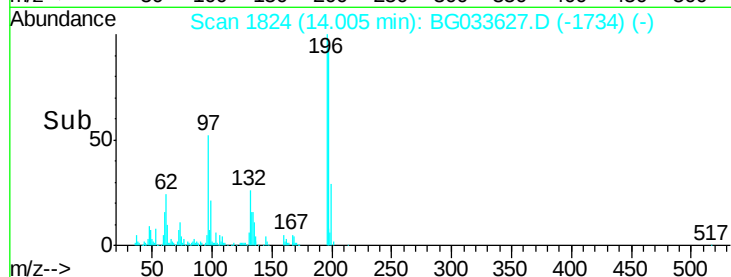
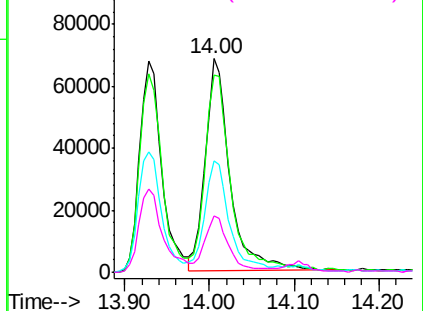
Tot Ion:	196	Resp:	140949
Ion Ratio	Lower	Upper	
196	100		
198	92.5	76.2	114.4
97	52.1	38.7	58.1
132	26.2	20.2	30.2

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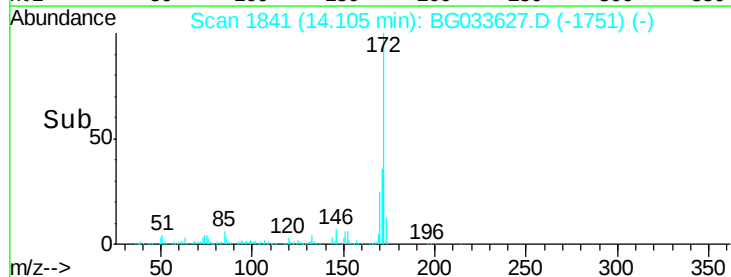
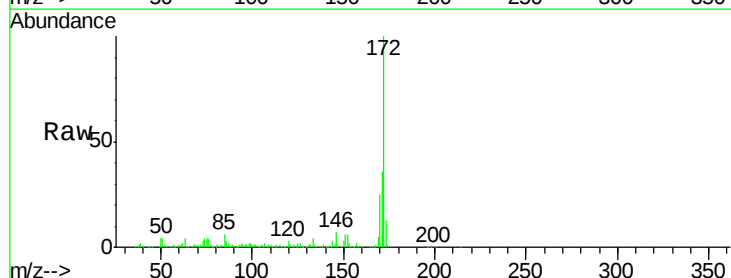
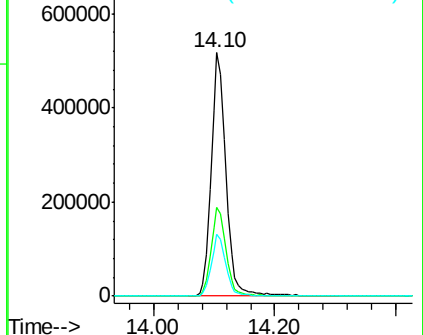
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

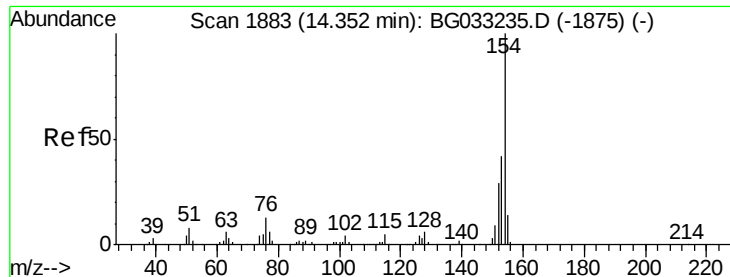


#44
2-Fluorobiphenyl
Concen: 93.776 ng
RT: 14.10 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion:	172	Resp:	881364
Ion Ratio	Lower	Upper	
172	100		
171	36.4	30.0	45.0
170	25.2	19.5	29.3

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





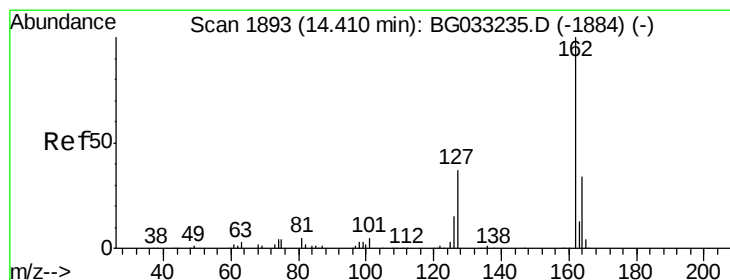
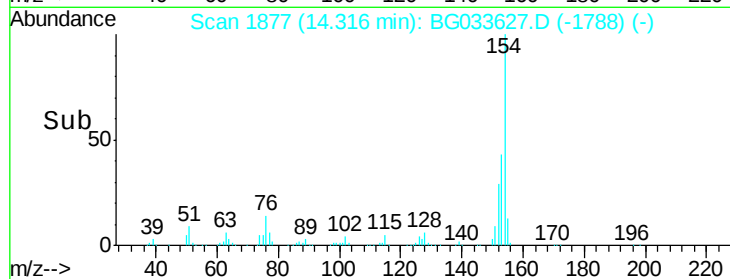
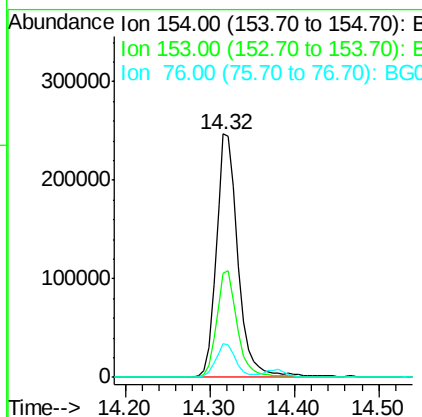
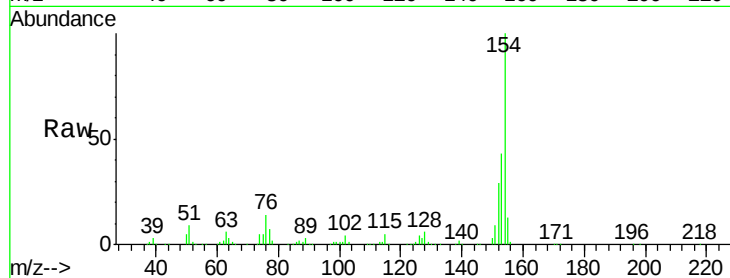
#45
 1,1'-Biphenyl
 Concen: 42.842 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.8	19.8	59.8
76	13.8	0.0	31.9

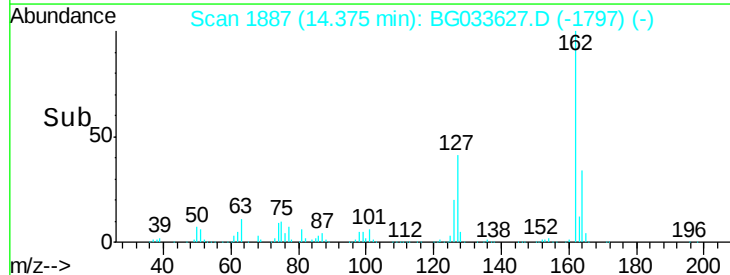
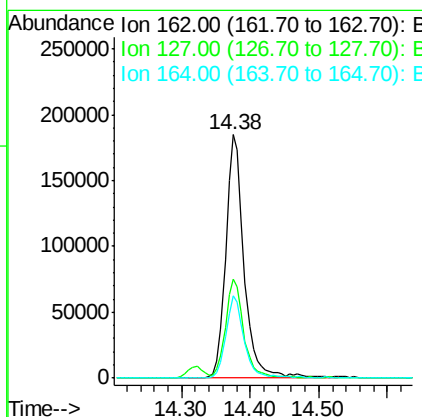
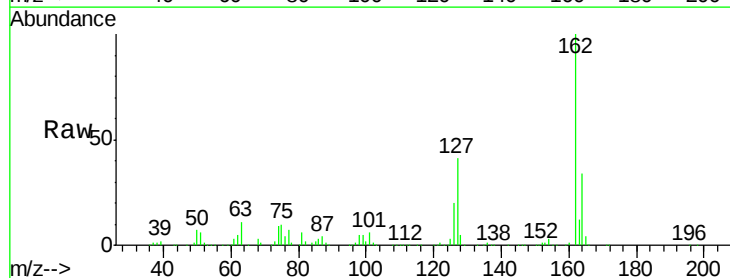
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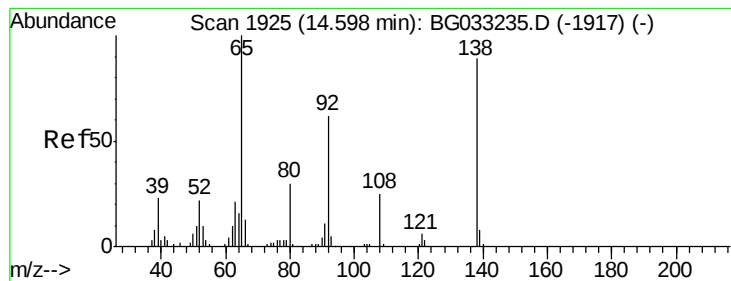
Sohil
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#46
 2-Chloronaphthalene
 Concen: 42.733 ng
 RT: 14.38 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	30.7	46.1
164	33.8	26.0	39.0





#47

2-Nitroaniline

Concen: 45.409 ng

RT: 14.57 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

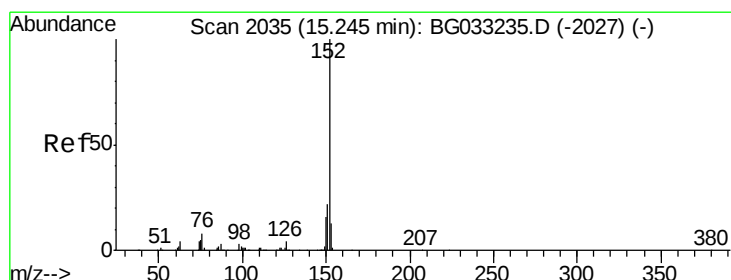
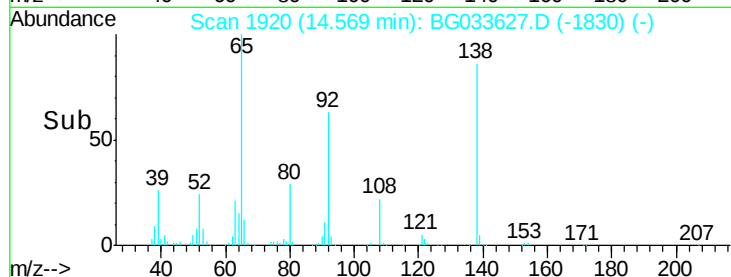
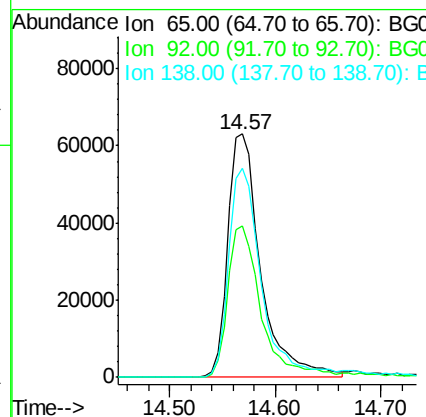
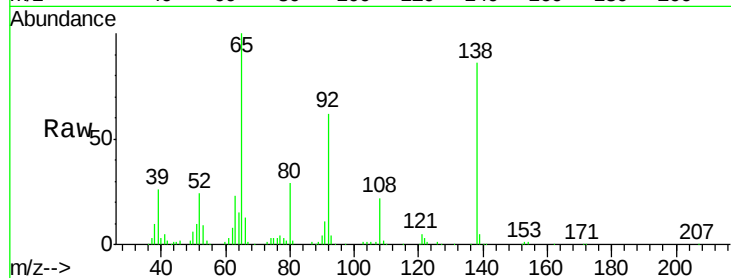
ClientSampleId :

PB107995BSD

Tot Ion:	65	Resp:	136704
Ion Ratio	Lower	Upper	
65	100		
92	62.4	54.6	82.0
138	86.0	72.9	109.3

Manual Integrations
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#48

Acenaphthylene

Concen: 41.972 ng

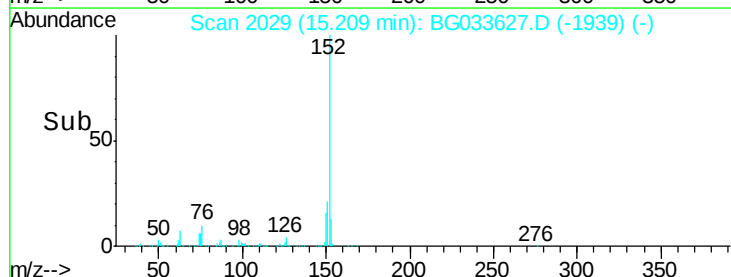
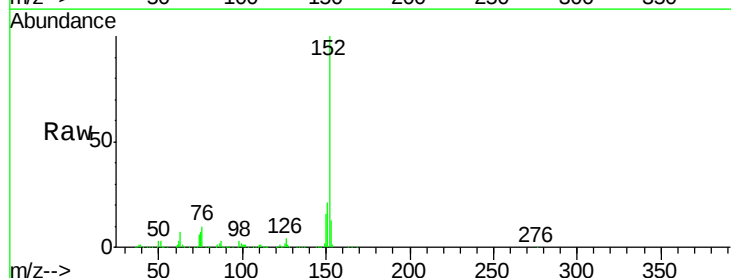
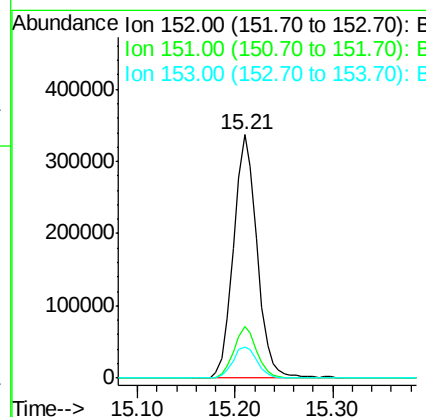
RT: 15.21 min Scan# 2029

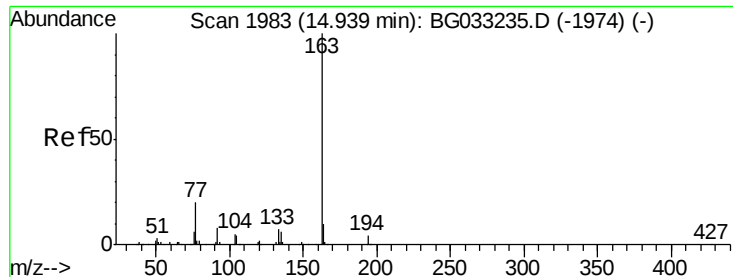
Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Tgt Ion:	152	Resp:	563098
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.2	25.8
153	12.9	10.2	15.4





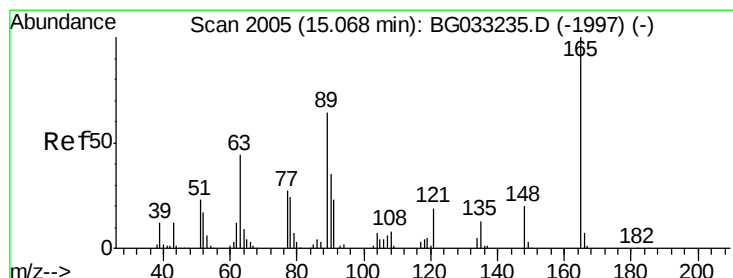
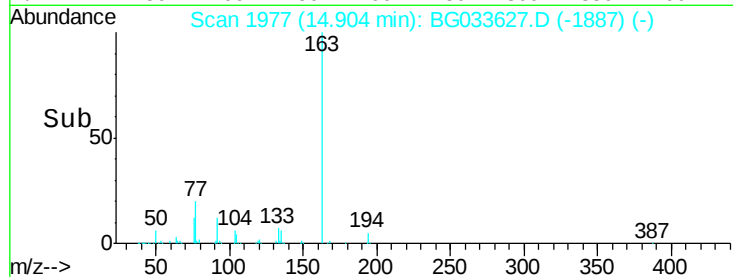
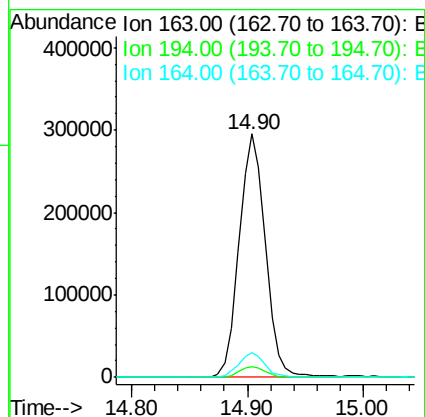
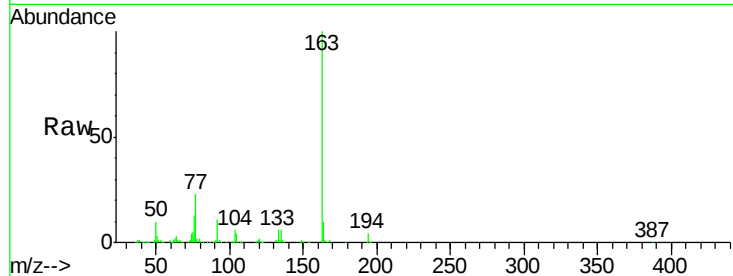
#49
Dimethylphthalate
Concen: 39.422 ng
RT: 14.90 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion:	163	Resp:	465491
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.0	8.2	12.4

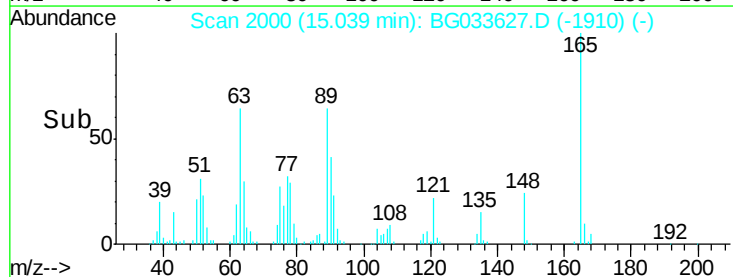
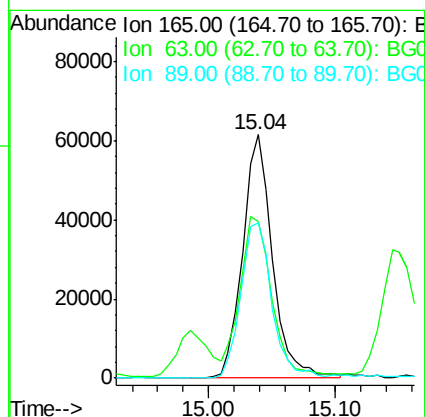
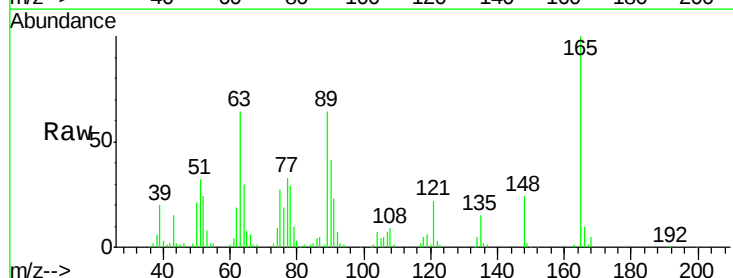
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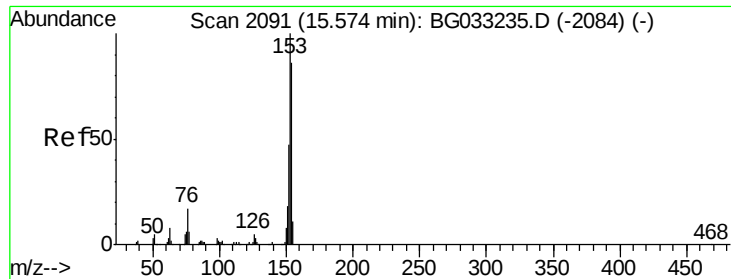
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.531 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion:	165	Resp:	100273
Ion Ratio	Lower	Upper	
165	100		
63	64.2	52.7	79.1
89	63.5	49.2	73.8





#51

Acenaphthene

Concen: 43.959 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

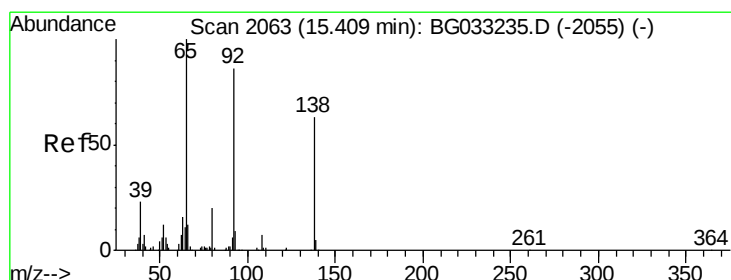
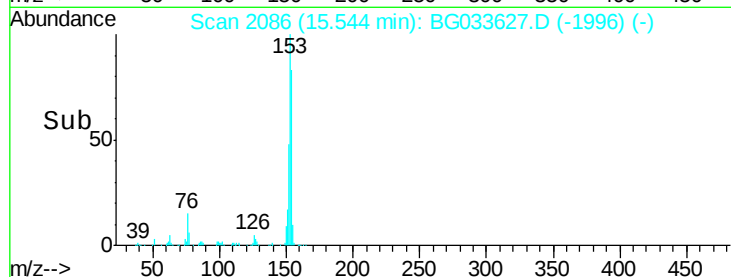
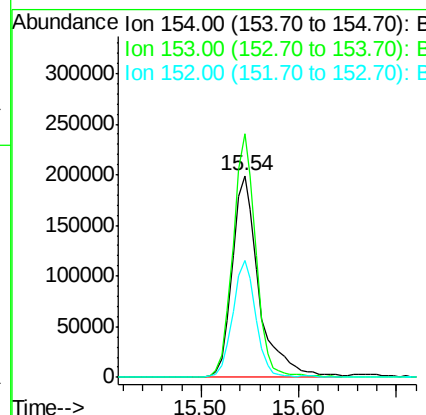
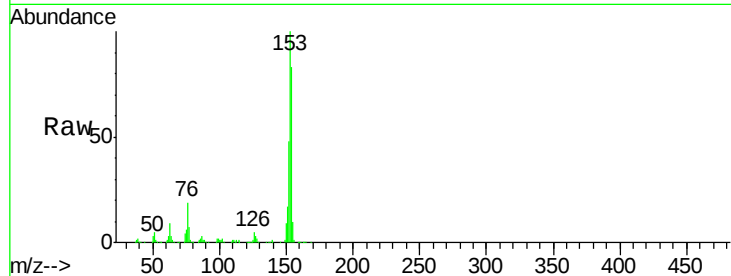
ClientSampleId :

PB107995BSD

Tot Ion:	154	Resp:	380183
Ion Ratio	Lower	Upper	
154	100		
153	120.8	90.4	135.6
152	58.3	41.6	62.4

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#52

3-Nitroaniline

Concen: 22.909 ng

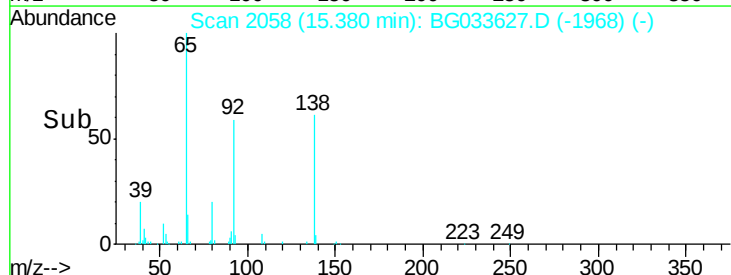
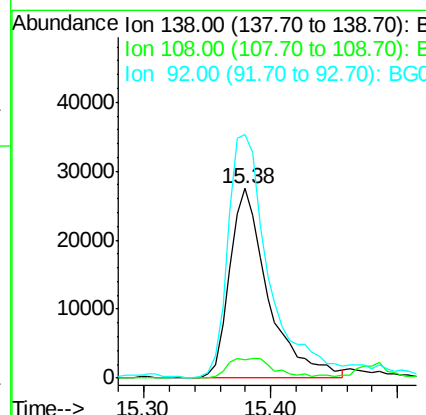
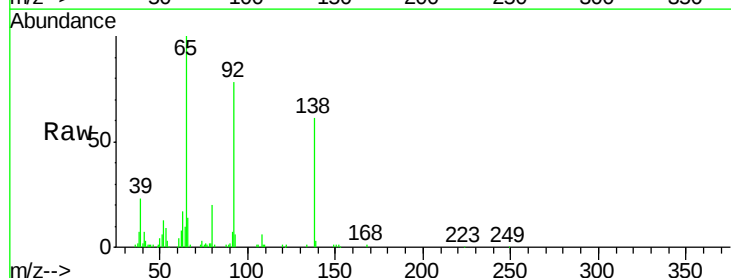
RT: 15.38 min Scan# 2058

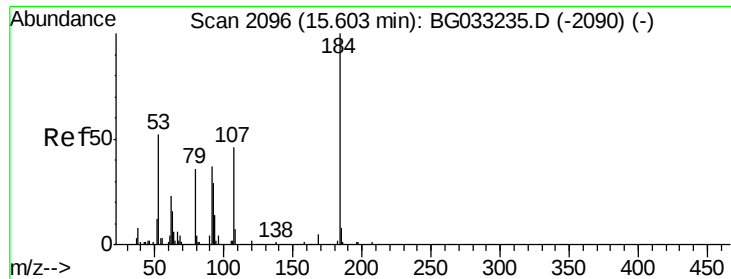
Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Tgt Ion:	138	Resp:	57988
Ion Ratio	Lower	Upper	
138	100		
108	9.8	17.5	26.3#
92	128.5	105.8	158.8





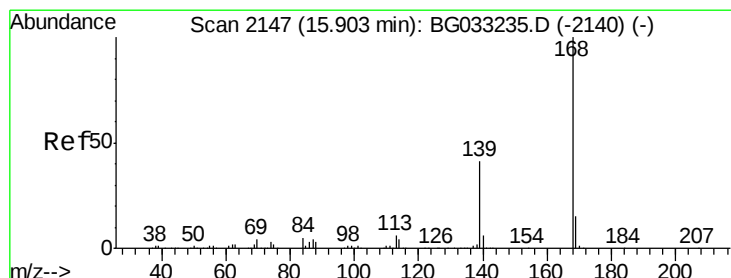
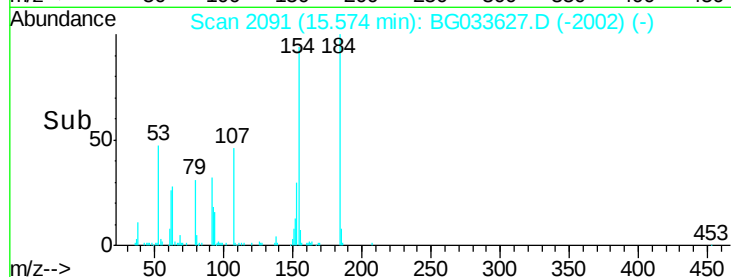
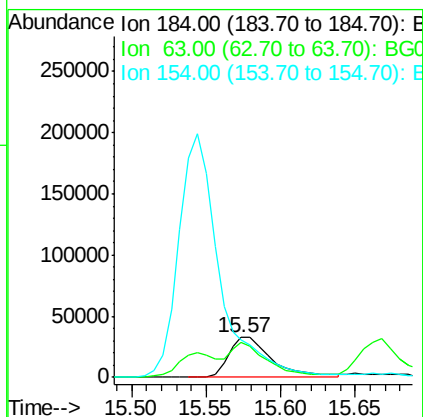
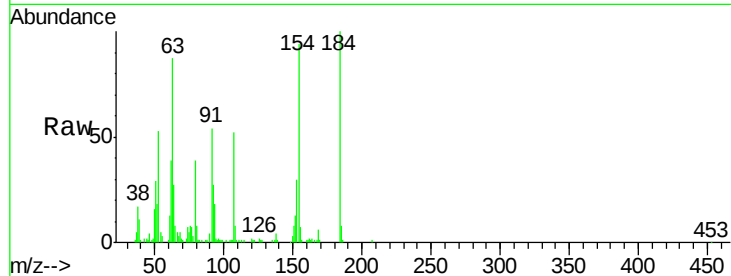
#53
2,4-Dinitrophenol
Concen: 55.712 ng
RT: 15.57 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	87.0	59.8	89.8
154	94.0	101.8	152.8#

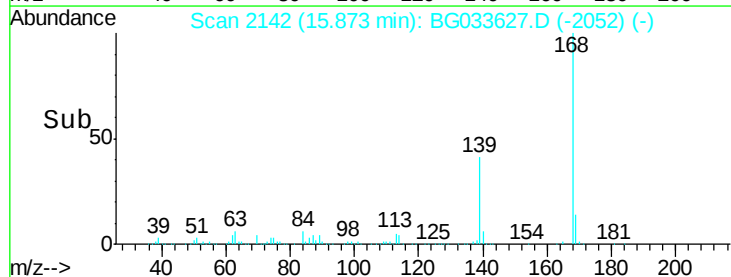
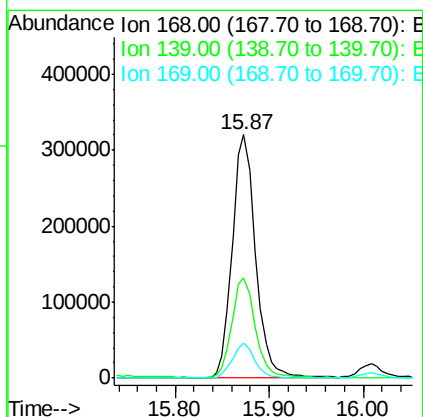
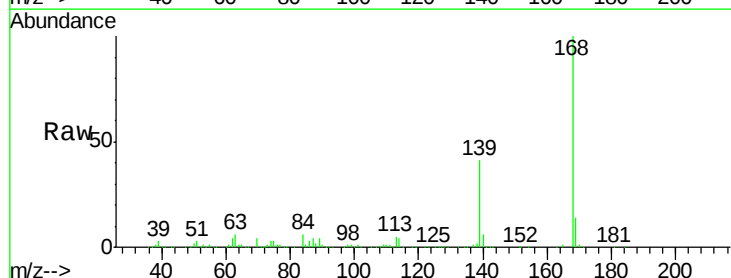
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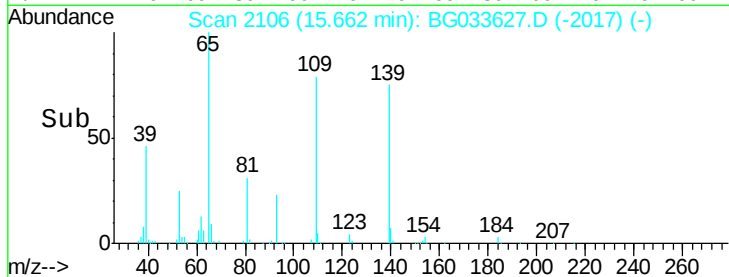
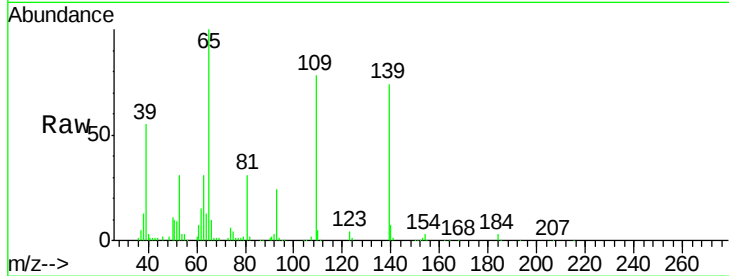
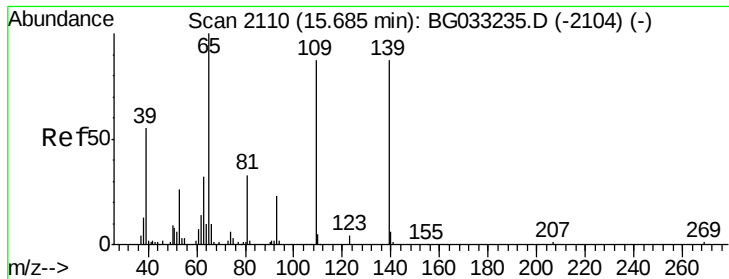
Sohil
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#54
Dibenzofuran
Concen: 43.490 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	28.6	43.0
169	14.2	11.2	16.8





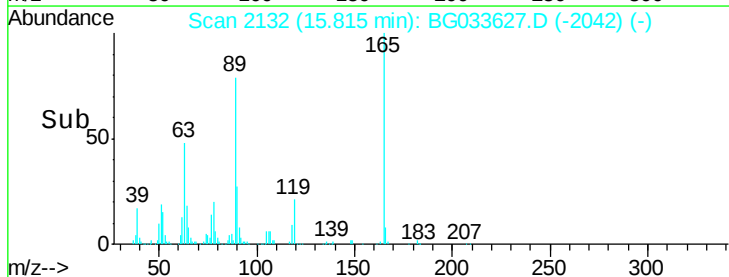
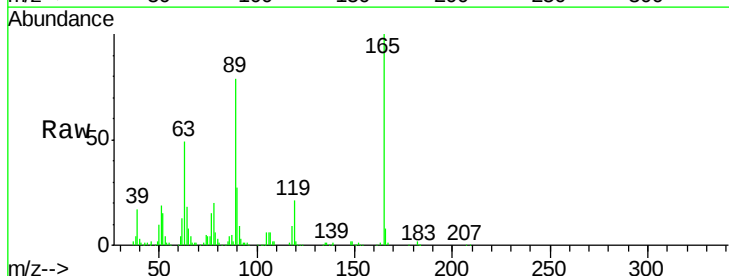
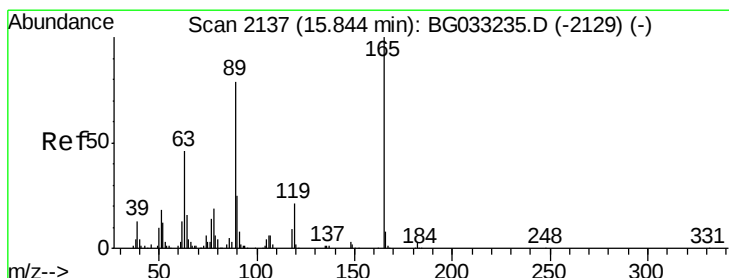
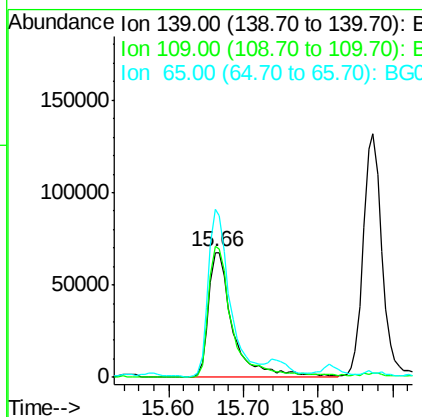
#55
4-Nitrophenol
Concen: 87.013 ng
RT: 15.66 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	104.9	62.2	102.2#
65	134.6	97.2	137.2

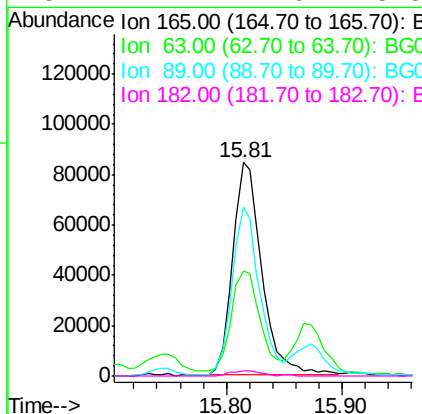
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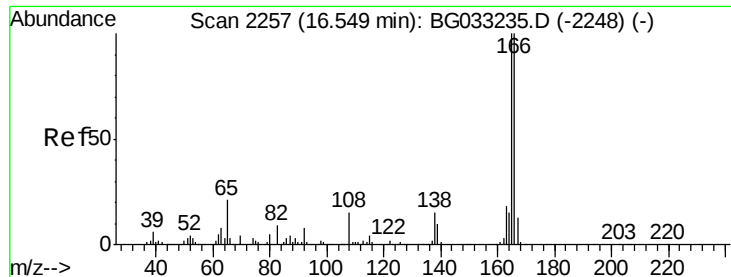
Sohil
4/6/2018 5:28:13 PM



#56
2,4-Dinitrotoluene
Concen: 41.776 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.9	42.0	63.0
89	79.2	66.9	100.3
182	2.2	2.6	3.8#





#57

Fluorene

Concen: 42.283 ng

RT: 16.51 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

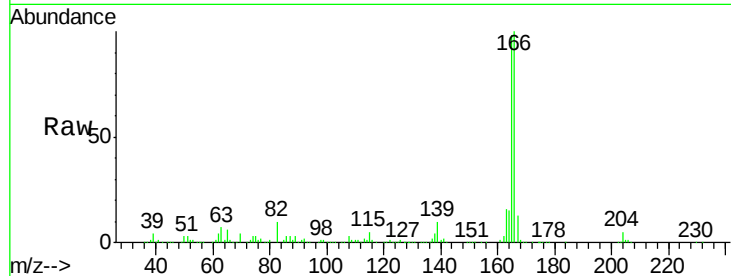
ClientSampleId :

PB107995BSD

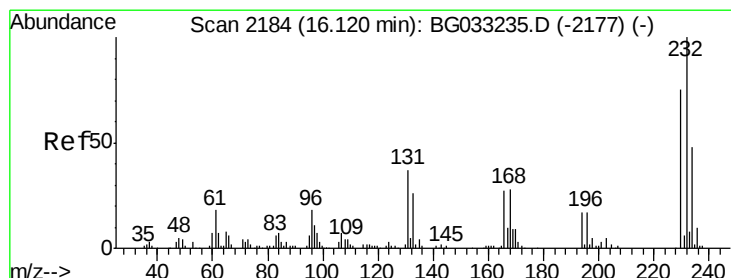
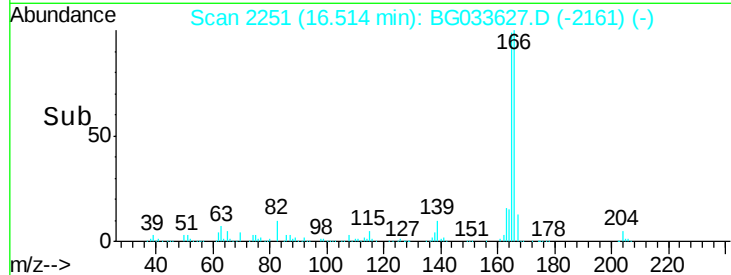
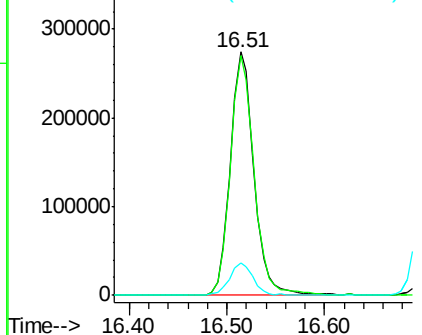
Tot Ion:	166	Resp:	460183
Ion Ratio		Lower	Upper
166	100		
165	98.3	80.6	121.0
167	13.3	10.4	15.6

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.121 ng

RT: 16.08 min Scan# 2178

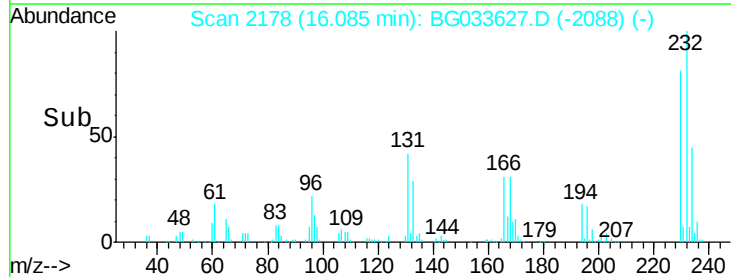
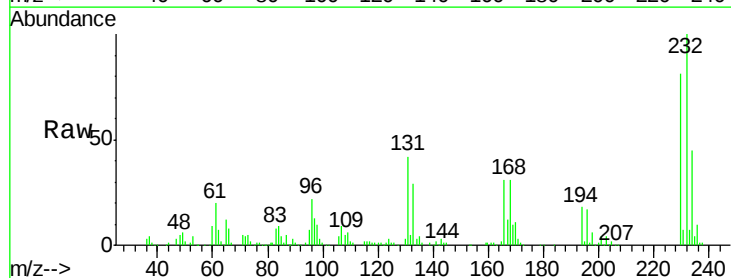
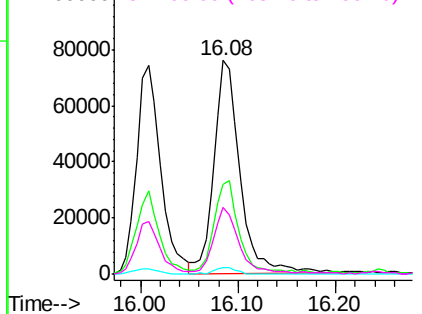
Delta R.T. 0.00 min

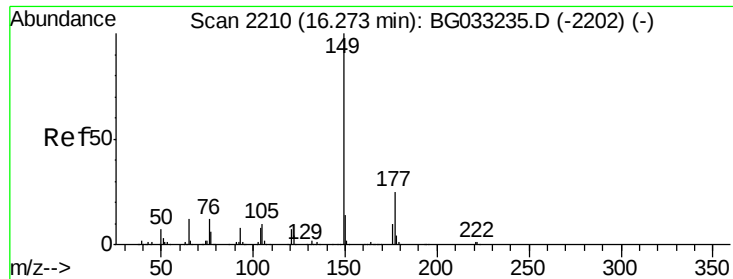
Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Tgt Ion:	232	Resp:	140194
Ion Ratio		Lower	Upper
232	100		
131	39.5	33.5	50.3
130	2.5	2.2	3.2
166	29.7	24.8	37.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





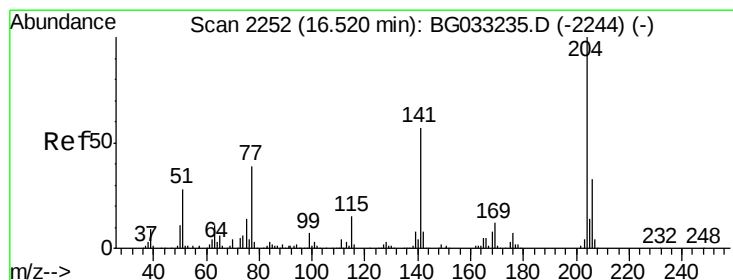
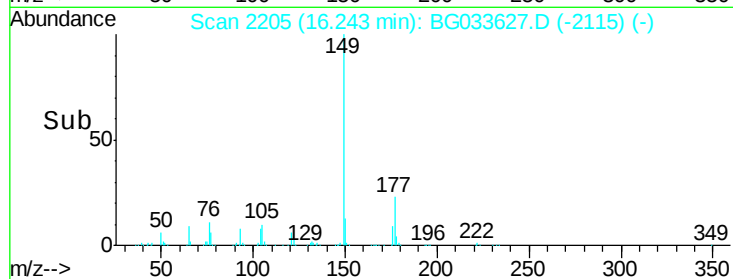
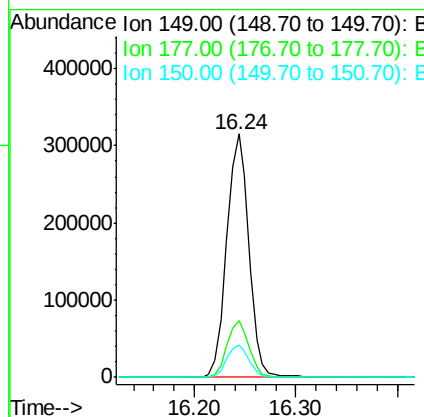
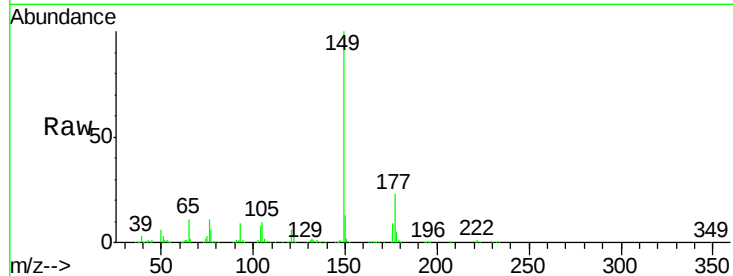
#59
Diethylphthalate
Concen: 41.614 ng
RT: 16.24 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	477144		
177	23.3	18.5	27.7	
150	13.2	10.2	15.2	

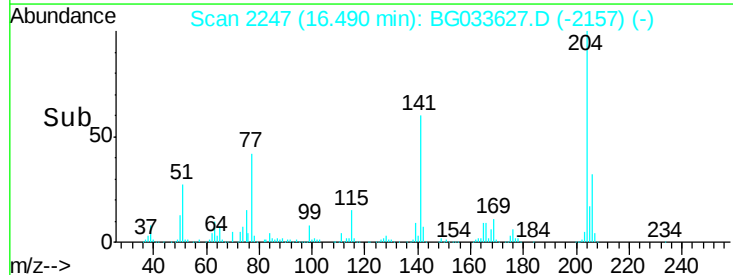
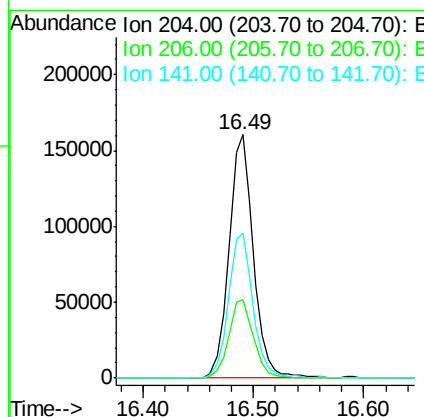
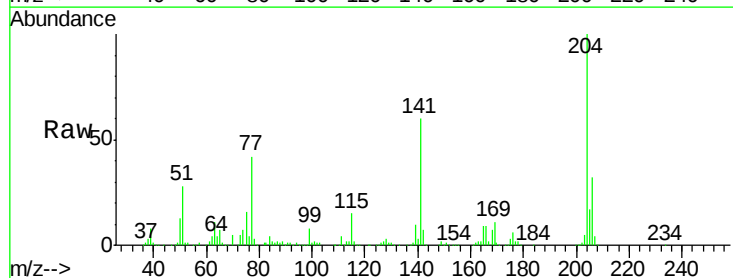
Manual Integrations
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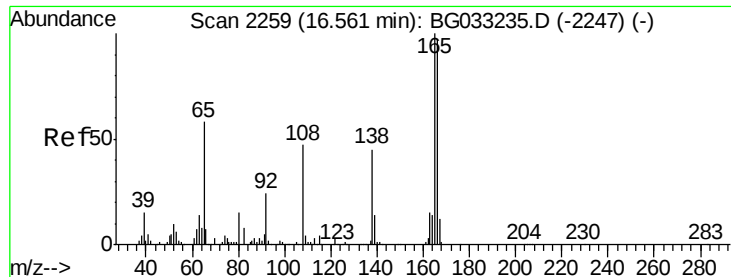
Sohil
4/6/2018 5:28:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.667 ng
RT: 16.49 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	248169		
206	32.3	26.2	39.2	
141	59.8	45.8	68.6	





#61

4-Nitroaniline

Concen: 41.100 ng

RT: 16.53 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

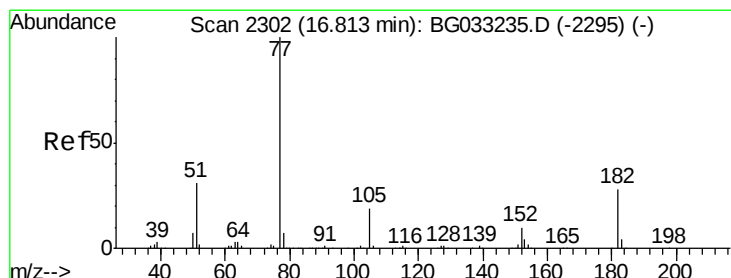
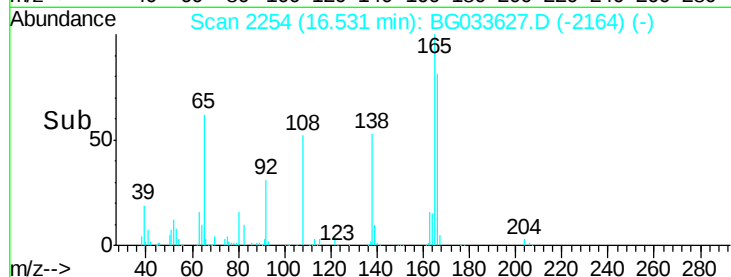
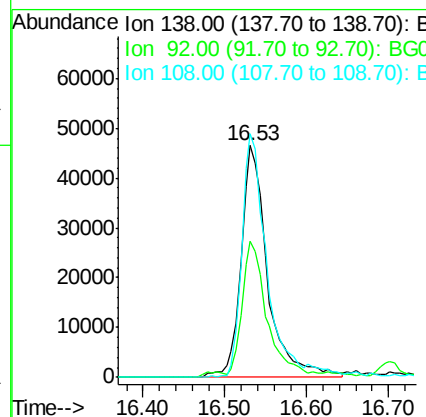
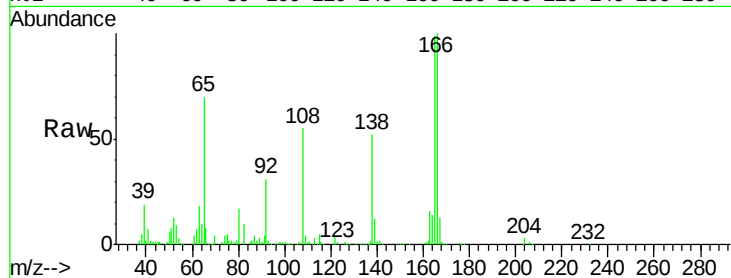
ClientSampleId :

PB107995BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	105352		
92	58.9	40.1	80.1	
108	105.0	65.4	105.4	

Manual Integrations
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Sohil
4/6/2018 5:28:13 PM



#62

Azobenzene

Concen: 44.477 ng

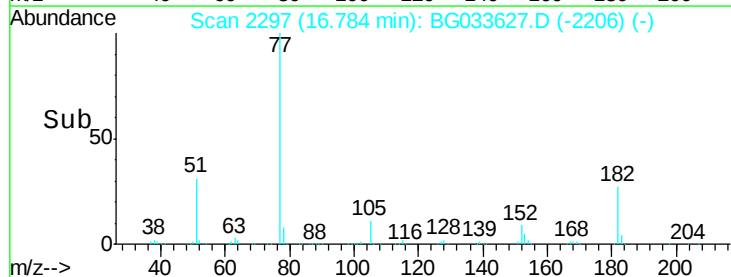
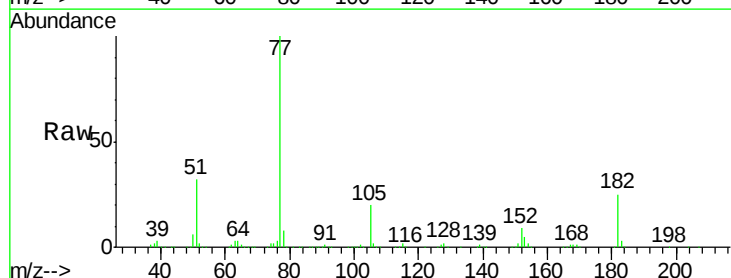
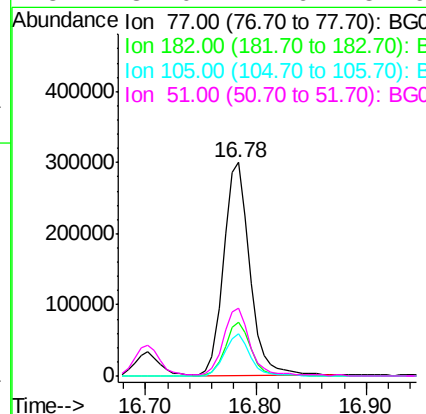
RT: 16.78 min Scan# 2297

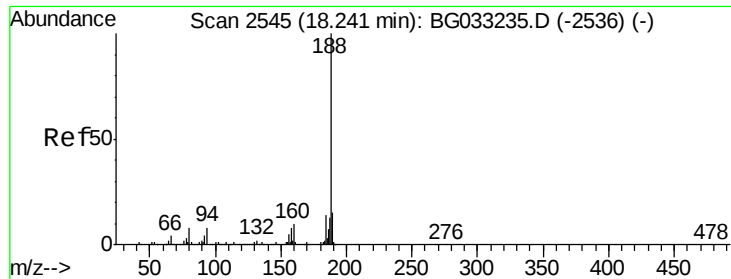
Delta R.T. 0.01 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	494002		
182	25.4	7.4	47.4	
105	19.8	0.3	40.3	
51	32.0	11.6	51.6	





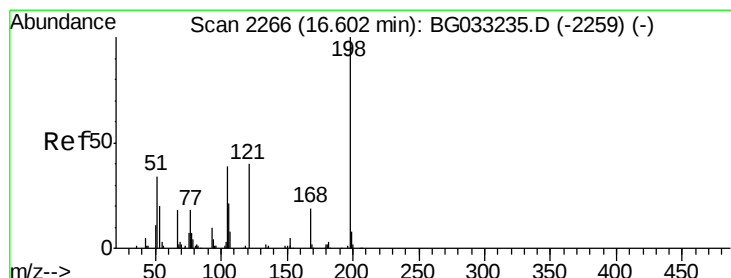
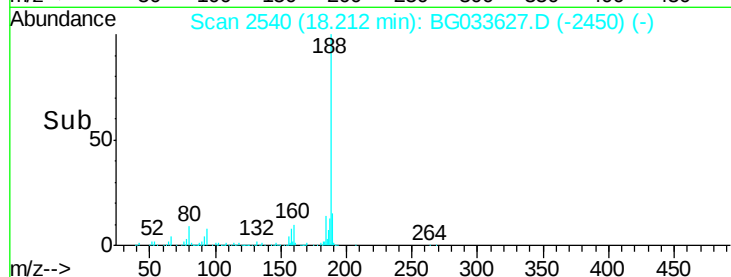
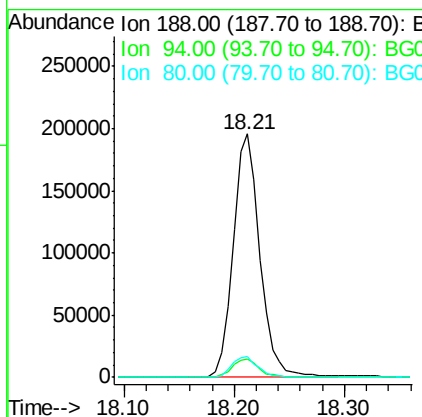
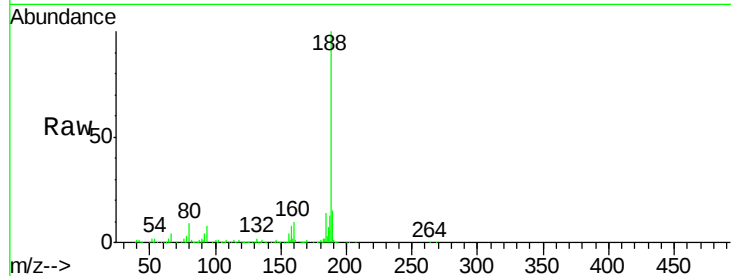
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampled :
PB107995BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	332450		
94	7.7		6.9	10.3
80	8.5		7.7	11.5

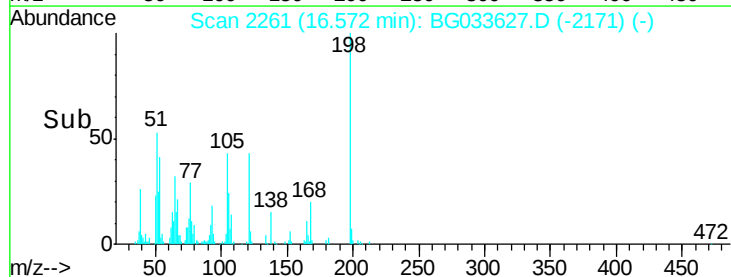
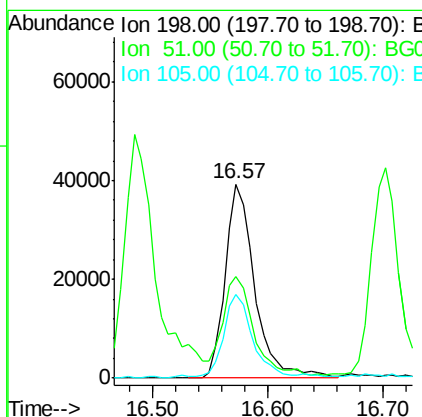
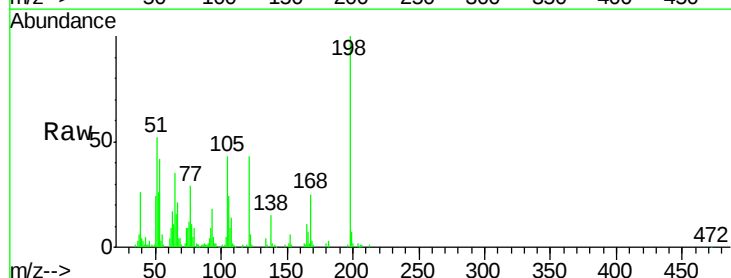
Manual Integrations
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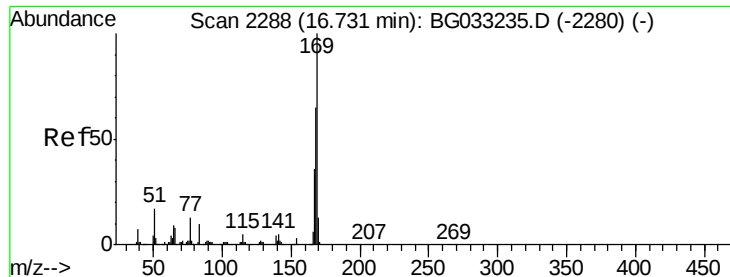
Sohil
4/6/2018 5:28:13 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 34.991 ng
RT: 16.57 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	69590		
51	52.3		30.6	70.6
105	43.0		23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 43.806 ng

RT: 16.70 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

ClientSampleId :

PB107995BSD

Tot Ion:169 Resp: 415760

Ion Ratio Lower Upper

169 100

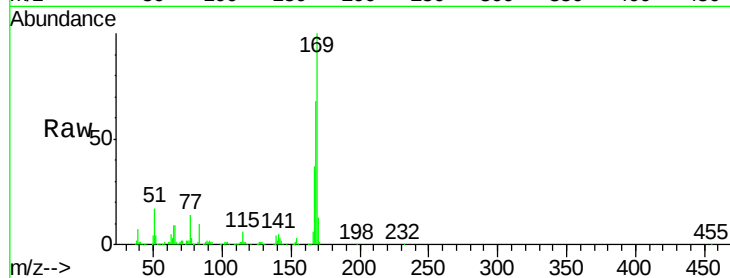
168 68.2 55.7 83.5

167 37.4 30.1 45.1

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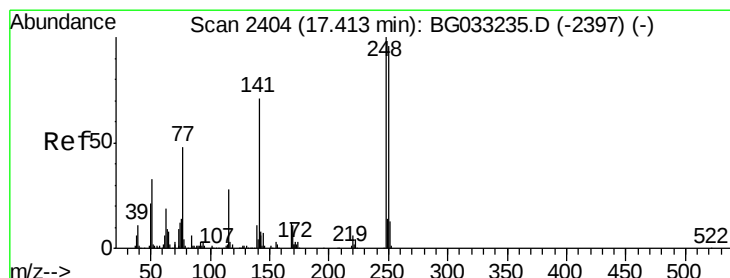
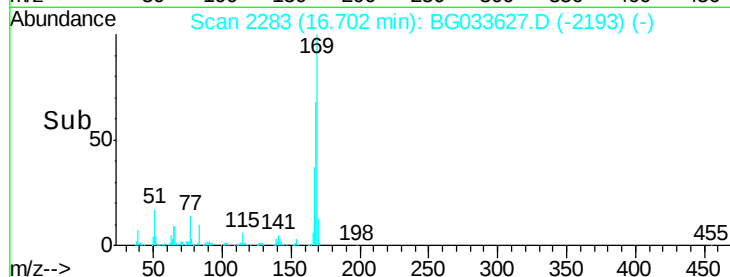
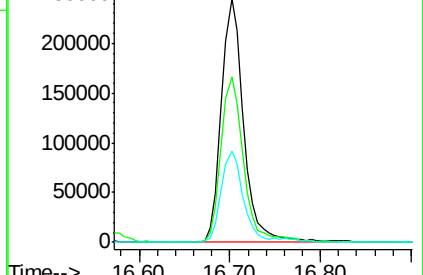
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.811 ng

RT: 17.38 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

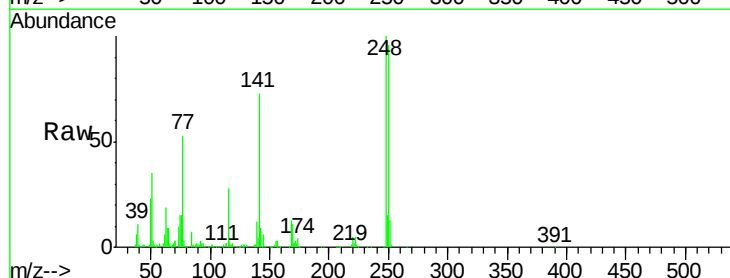
Tgt Ion:248 Resp: 159338

Ion Ratio Lower Upper

248 100

250 95.5 77.1 115.7

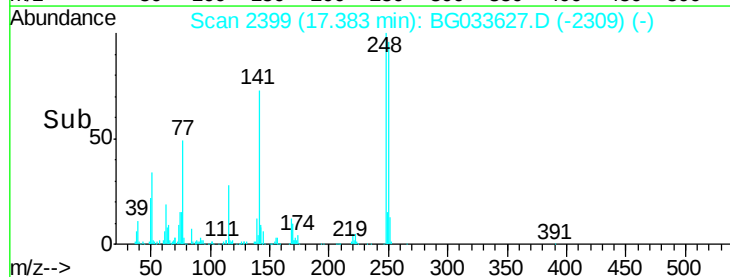
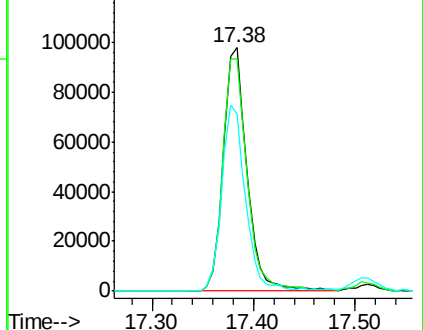
141 73.0 50.8 76.2

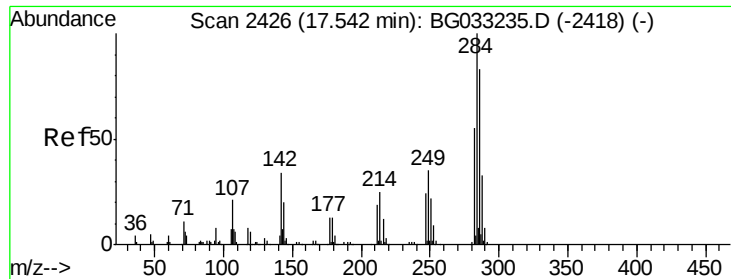


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.981 ng

RT: 17.51 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

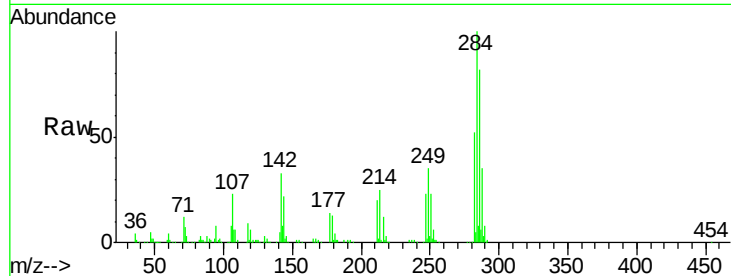
ClientSampleId :

PB107995BSD

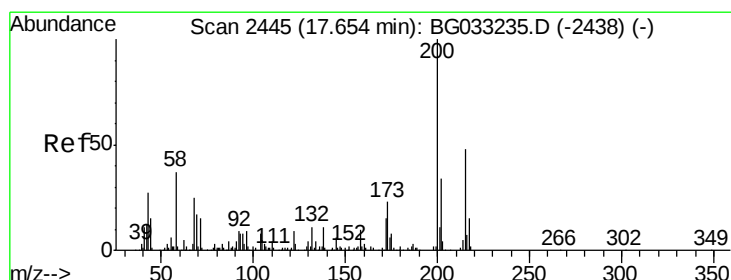
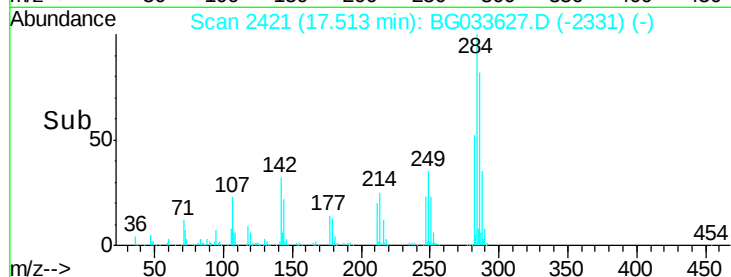
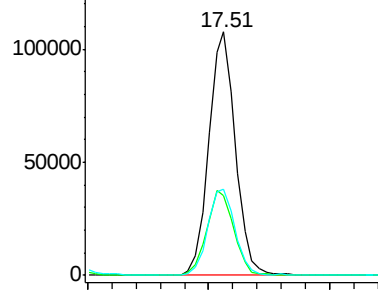
Tot Ion:	284	Resp:	164742
Ion Ratio		Lower	Upper
284	100		
142	32.6	26.8	40.2
249	35.4	26.3	39.5

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



#68

Atrazine

Concen: 45.089 ng

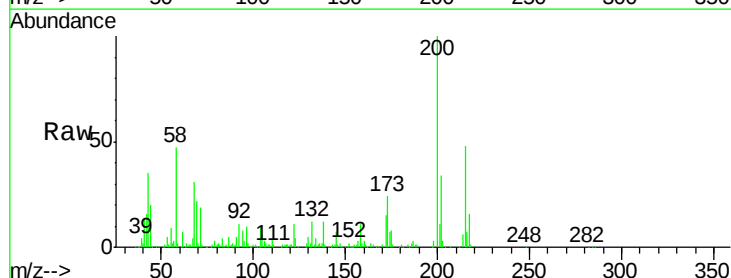
RT: 17.62 min Scan# 2439

Delta R.T. 0.00 min

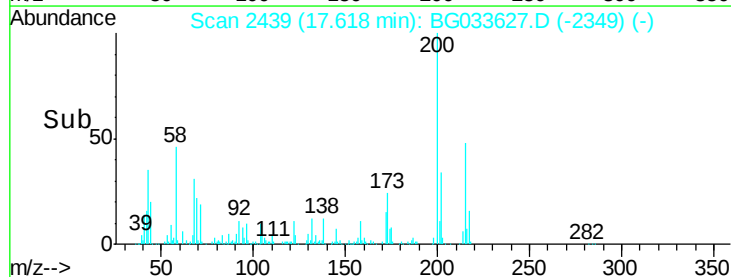
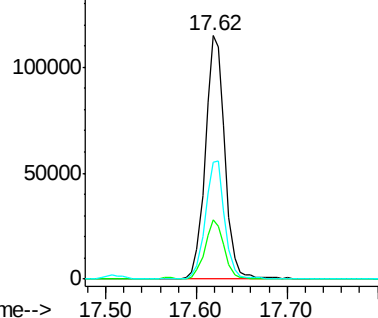
Lab File: BG033627.D

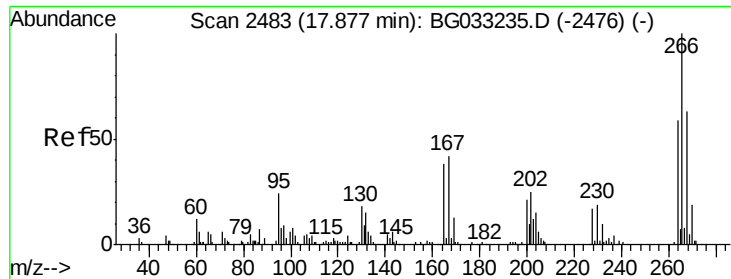
Acq: 6 Apr 2018 13:07

Tgt Ion:	200	Resp:	173409
Ion Ratio		Lower	Upper
200	100		
173	24.2	5.2	45.2
215	47.9	30.4	70.4



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





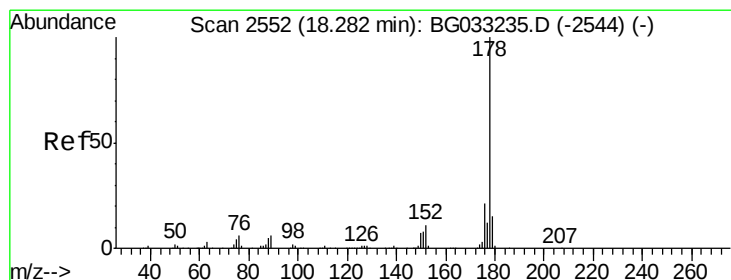
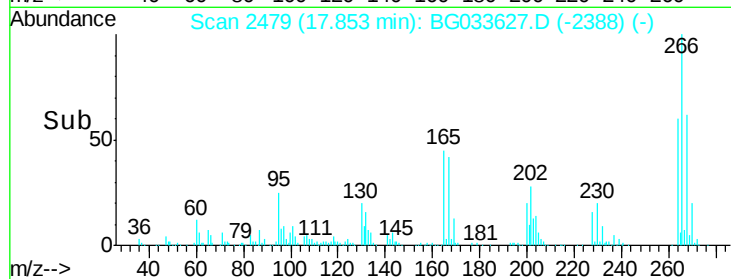
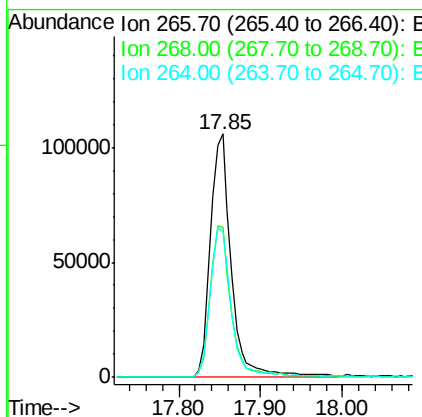
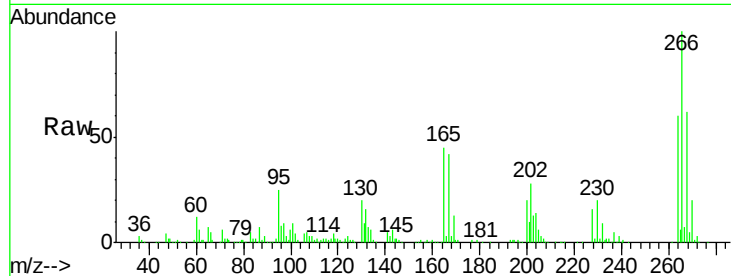
#69
 Pentachlorophenol
 Concen: 66.903 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BSD

Tot Ion:	266	Resp:	189208
Ion Ratio		Lower	Upper
266	100		
268	61.8	51.1	76.7
264	59.8	49.6	74.4

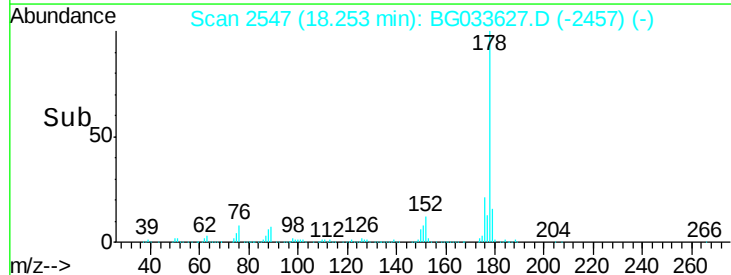
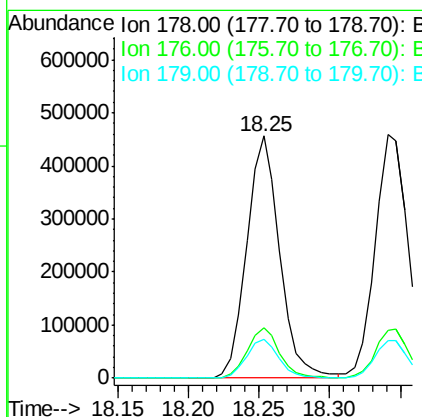
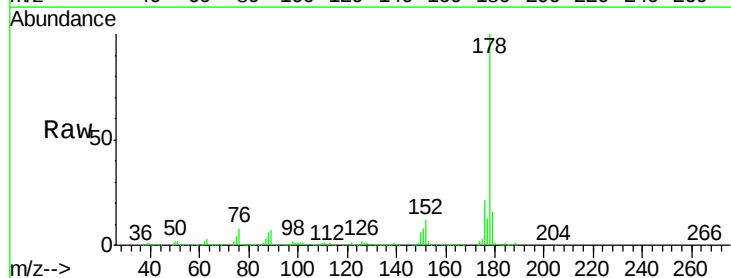
Manual Integrations
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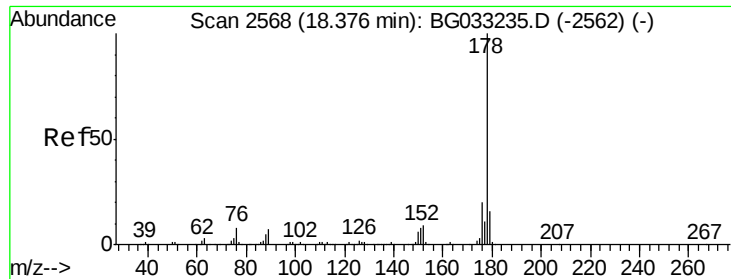
Sohil
 4/6/2018 5:28:13 PM



#70
 Phenanthrene
 Concen: 43.102 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Tgt Ion:	178	Resp:	746262
Ion Ratio		Lower	Upper
178	100		
176	21.0	15.7	23.5
179	16.2	12.5	18.7





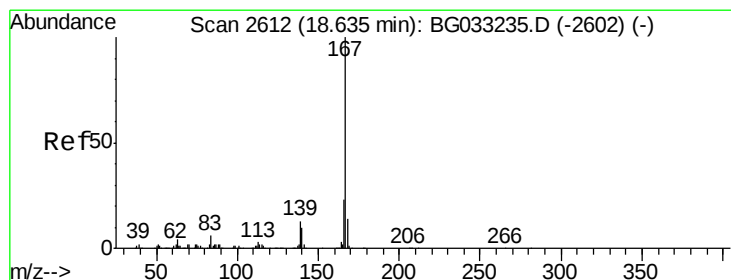
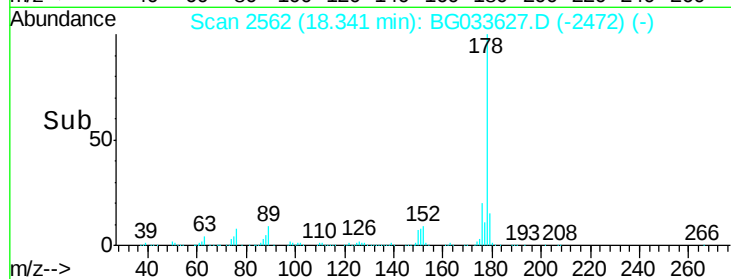
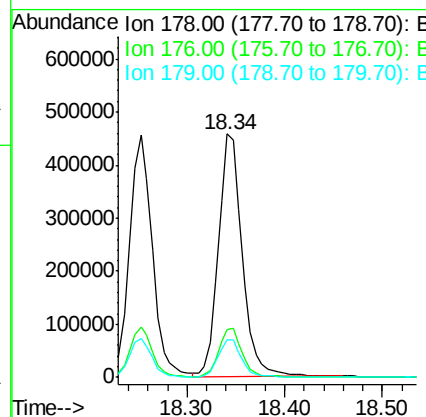
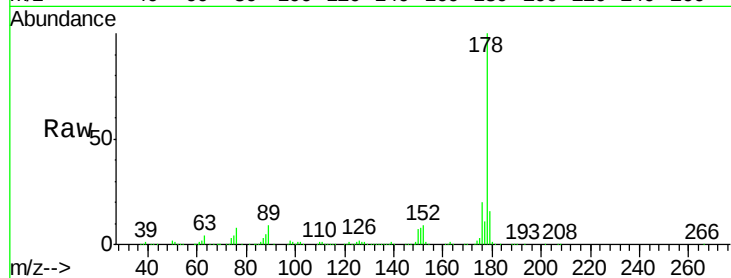
#71
 Anthracene
 Concen: 44.090 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. 0.00 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.5	12.5	18.7

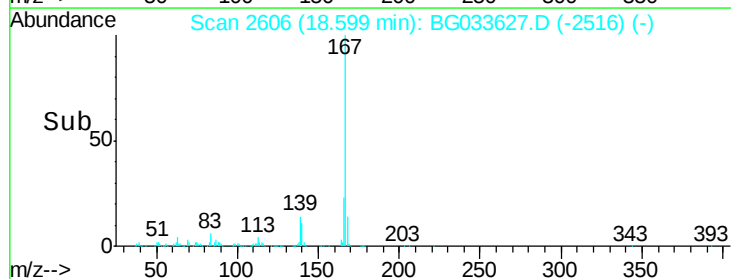
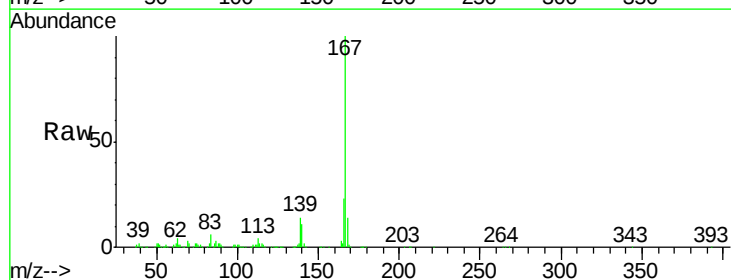
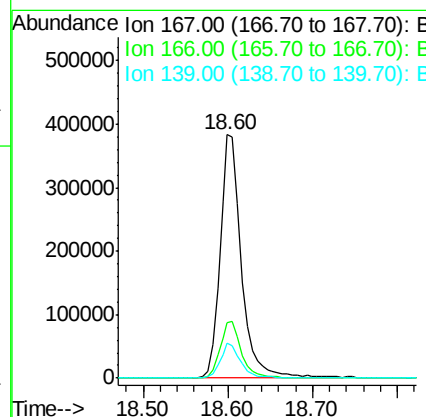
Manual Integrations
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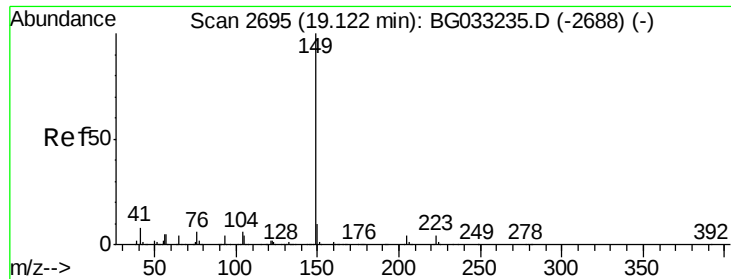
Sohil
 4/6/2018 5:28:13 PM



#72
 Carbazole
 Concen: 43.758 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	14.4	9.4	14.2#





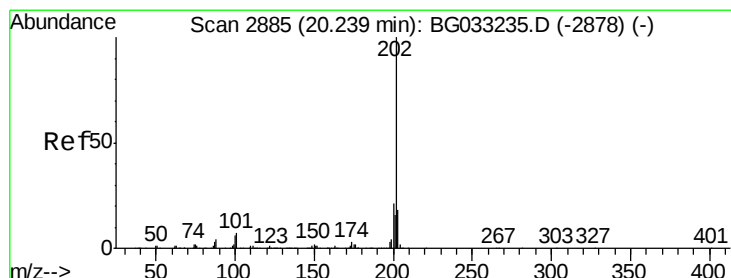
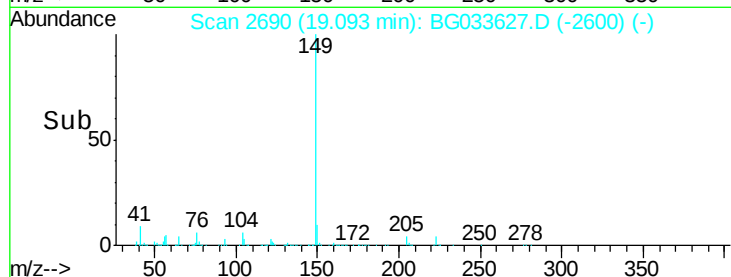
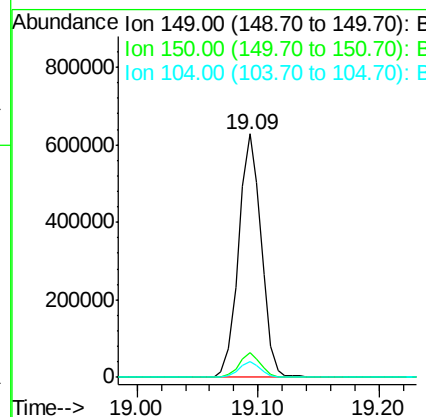
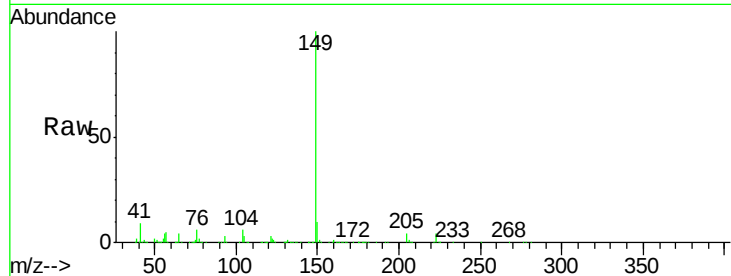
#73
Di-n-butylphthalate
Concen: 45.387 ng
RT: 19.09 min Scan# 2690
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.3	7.8	11.6	
104	6.5	3.9	5.9	

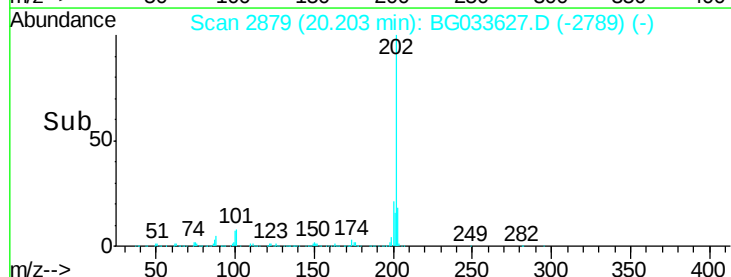
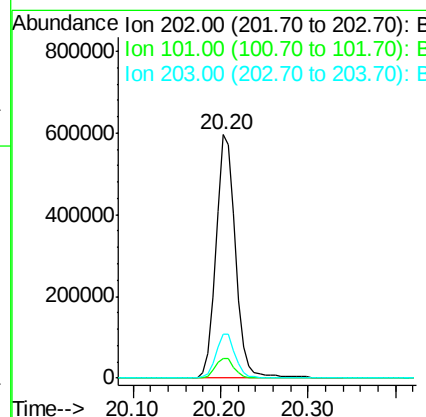
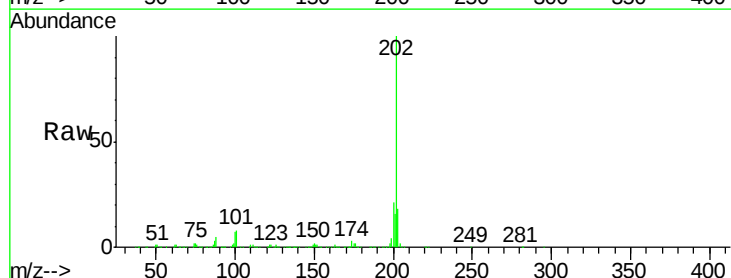
Manual Integrations
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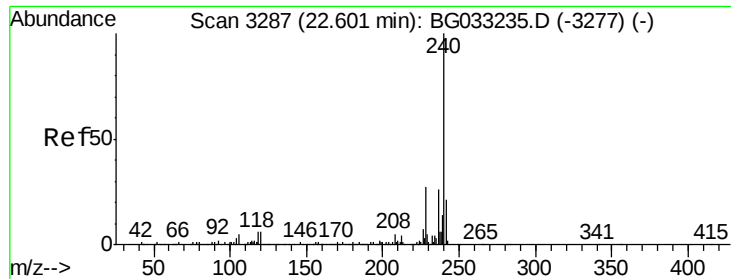
Sohil
4/6/2018 5:28:13 PM



#74
Fluoranthene
Concen: 43.108 ng
RT: 20.20 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.2	0.0	28.9	
203	18.1	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

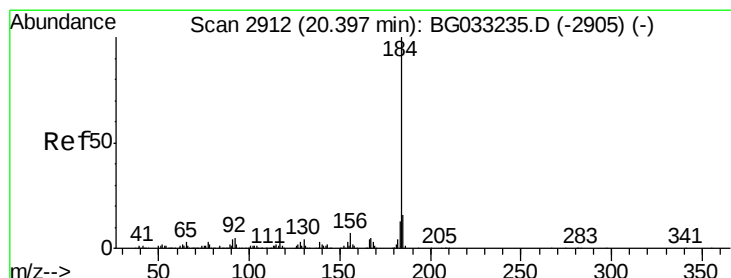
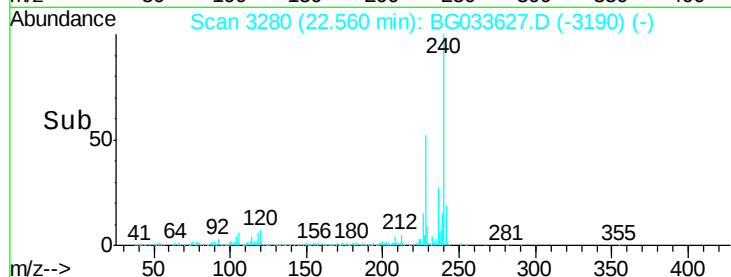
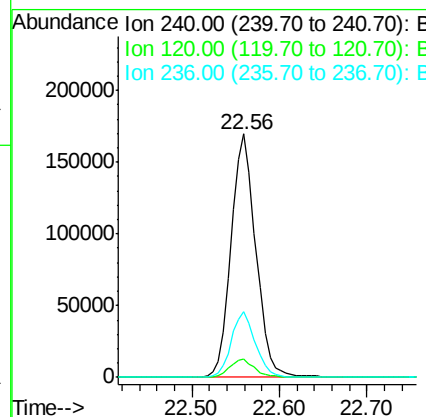
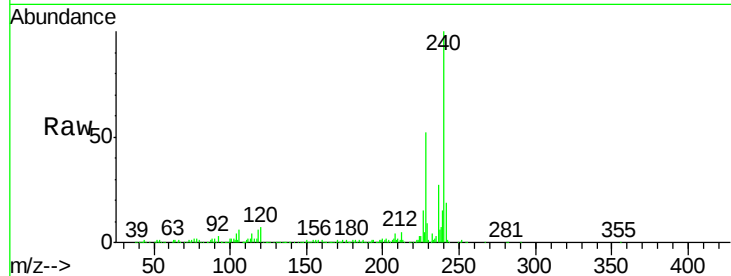
ClientSampleId :

PB107995BSD

Tot Ion:	240	Resp:	327466
Ion Ratio	Lower	Upper	
240	100		
120	7.3	6.8	10.2
236	26.9	20.9	31.3

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#76

Benzidine

Concen: 31.194 ng

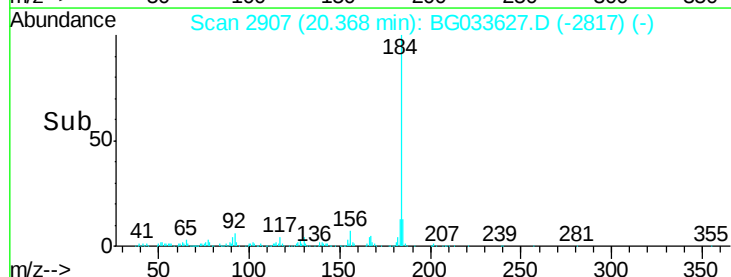
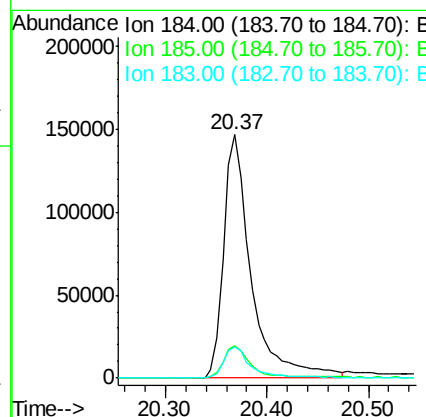
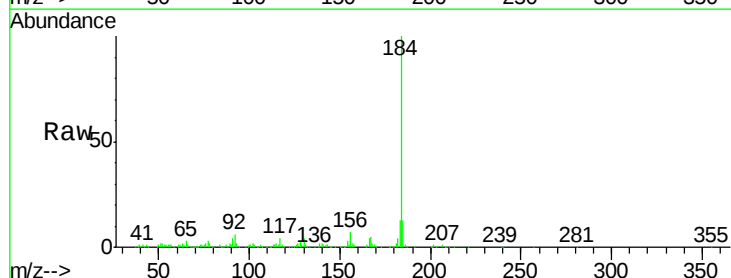
RT: 20.37 min Scan# 2907

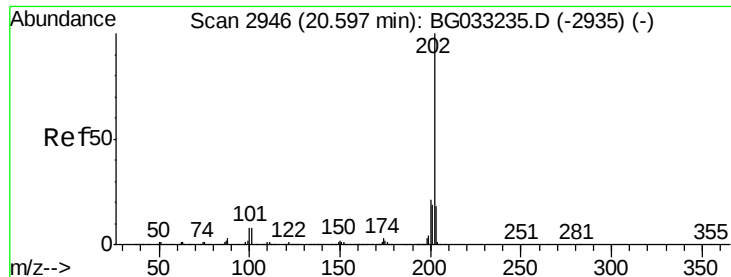
Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Tgt Ion:	184	Resp:	277012
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.1	16.7
183	12.7	10.6	16.0





#77

Pvrene

Concen: 42.084 ng

RT: 20.56 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

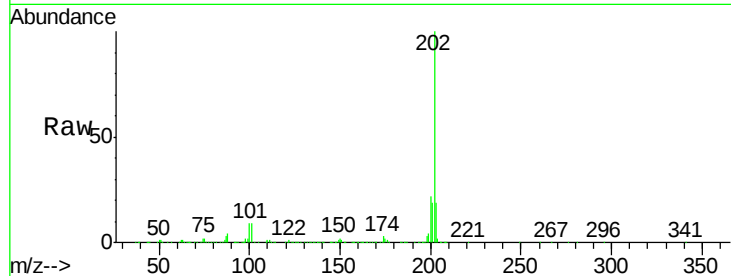
ClientSampleId :

PB107995BSD

Tot Ion:	202	Resp:	919122
Ion Ratio		Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.9	13.9	20.9

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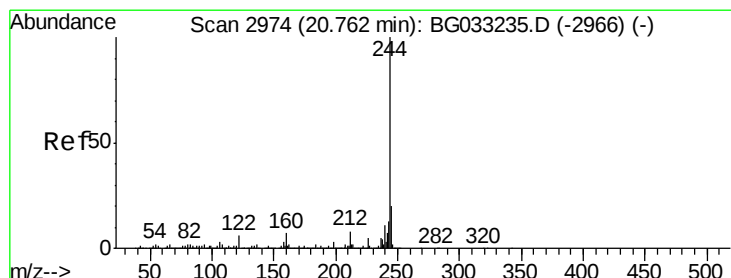
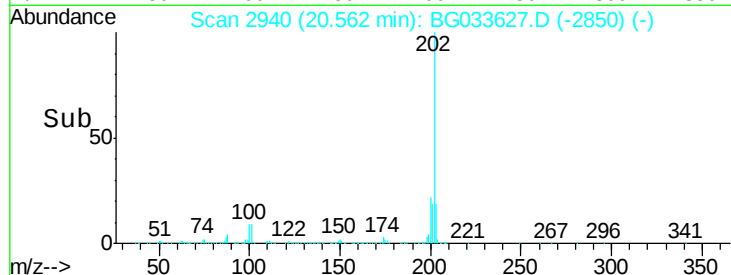
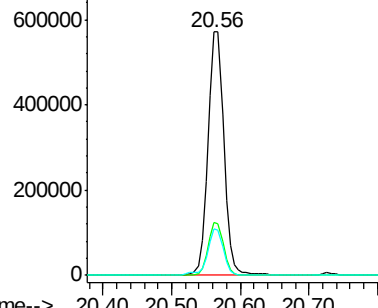
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.129 ng

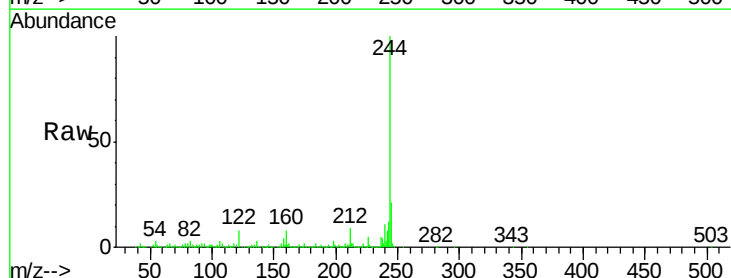
RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

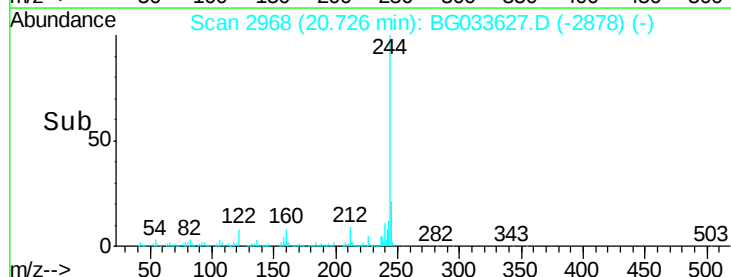
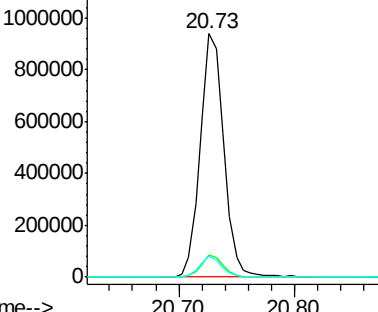
Tgt Ion:	244	Resp:	1334137
Ion Ratio		Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	8.4	7.0	10.4

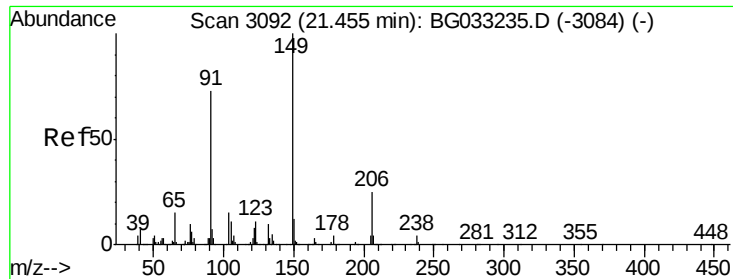


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





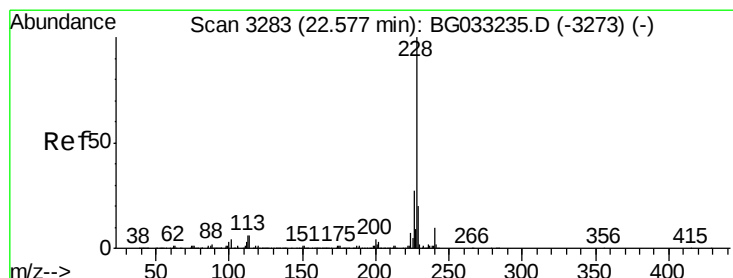
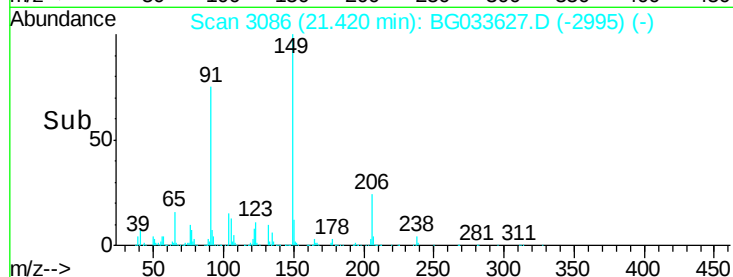
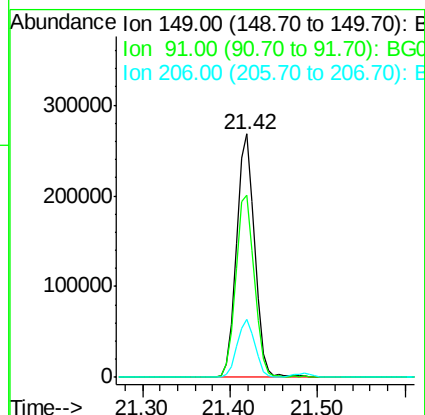
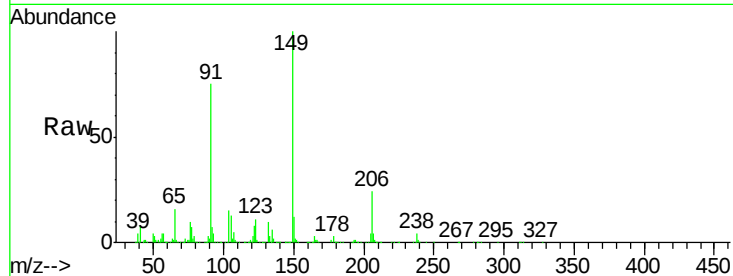
#79
Butylbenzylphthalate
Concen: 46.521 ng
RT: 21.42 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.0	62.2	93.2
206	23.7	18.6	27.8

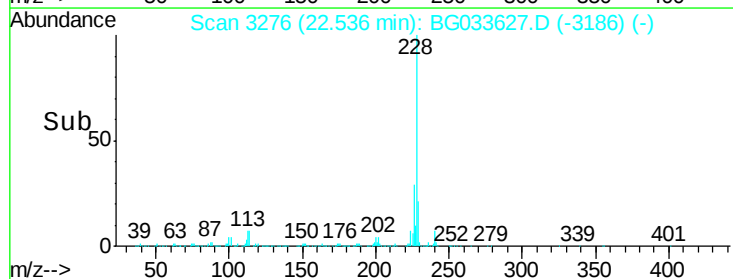
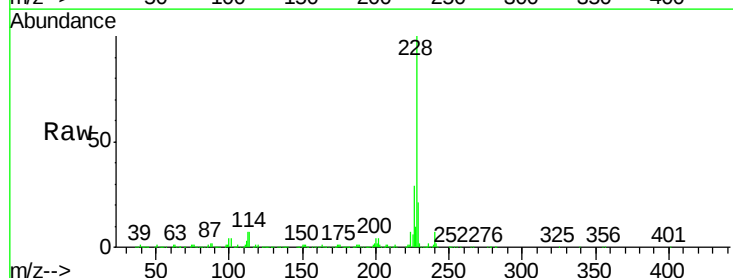
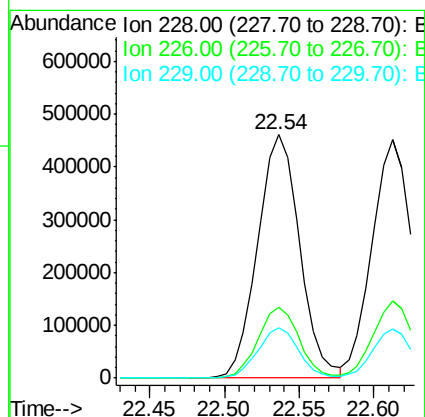
Manual Integrations
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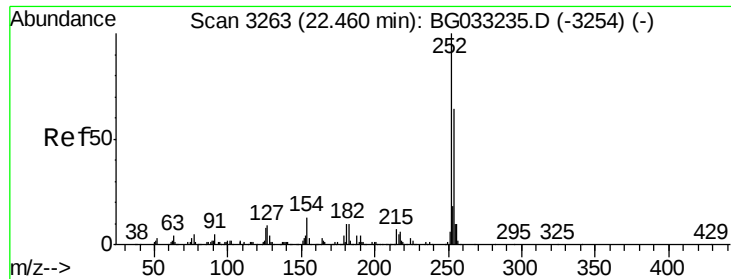
Sohil
4/6/2018 5:28:13 PM



#80
Benzo(a)anthracene
Concen: 43.259 ng
RT: 22.54 min Scan# 3276
Delta R.T. 0.00 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	20.8	16.2	24.2





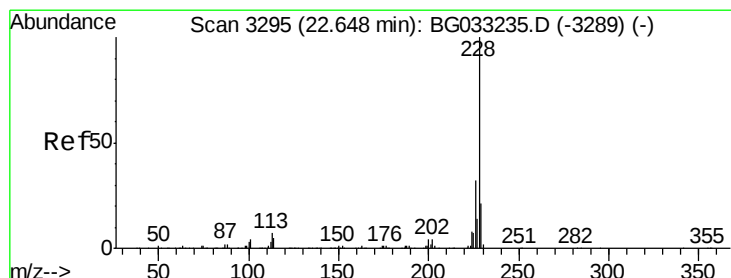
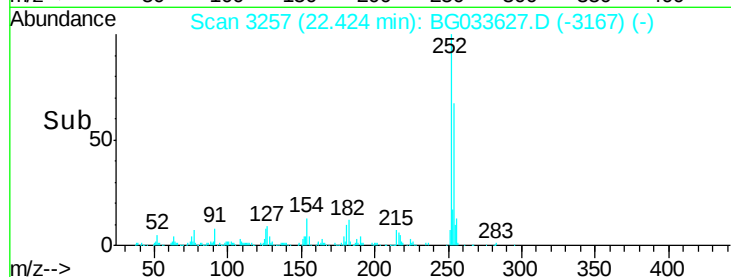
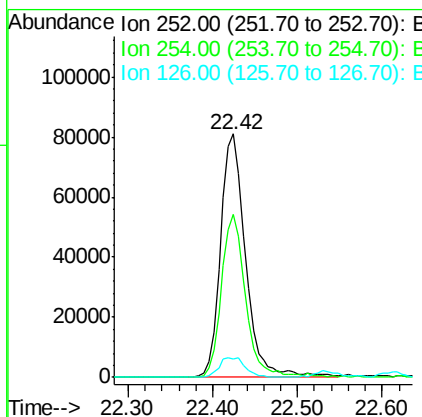
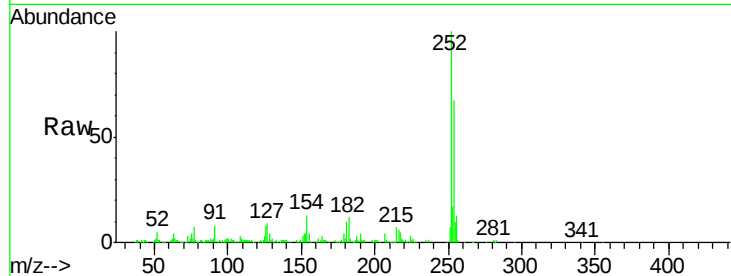
#81
 3,3'-Dichlorobenzidine
 Concen: 22.433 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.9	50.8	76.2
126	7.8	7.4	11.2

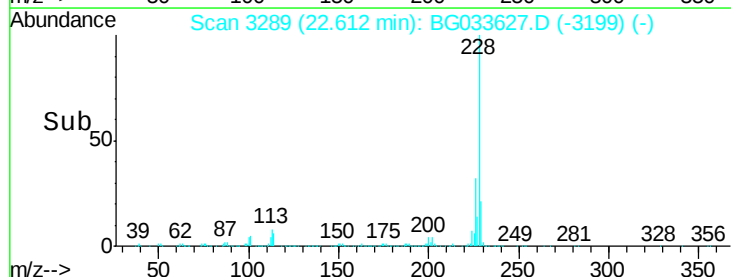
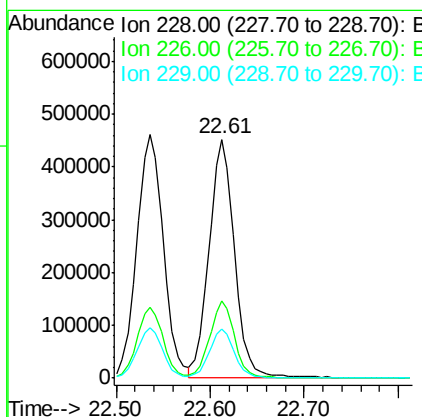
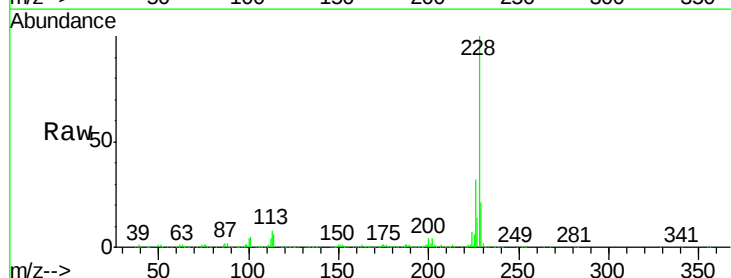
Manual Integrations
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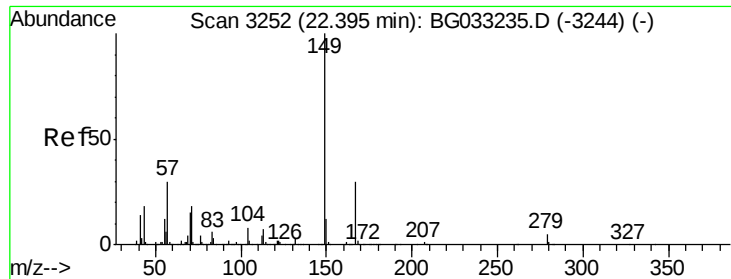
Sohil
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#82
 Chrysene
 Concen: 42.319 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	20.6	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.924 ng

RT: 22.35 min Scan# 3245

Delta R.T. 0.00 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

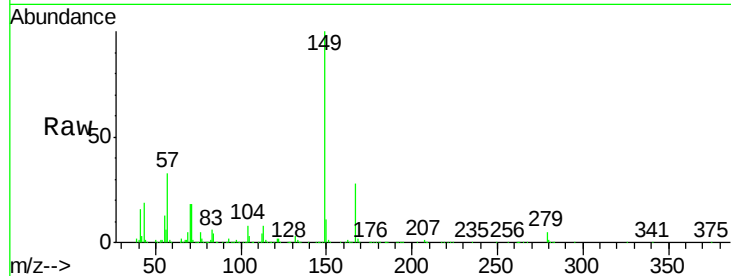
ClientSampleId :

PB107995BSD

Tot Ion:	149	Resp:	521330
Ion Ratio	Lower	Upper	
149	100		
167	28.3	24.3	36.5
279	5.3	4.0	6.0

Manual Integrations
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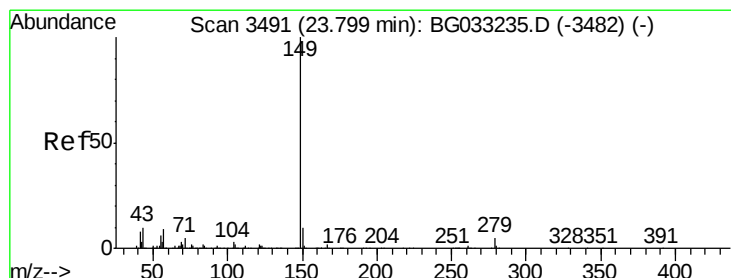
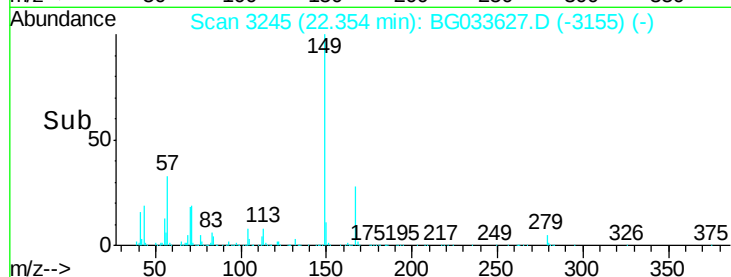
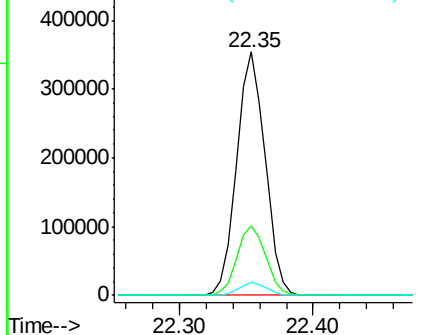
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.299 ng

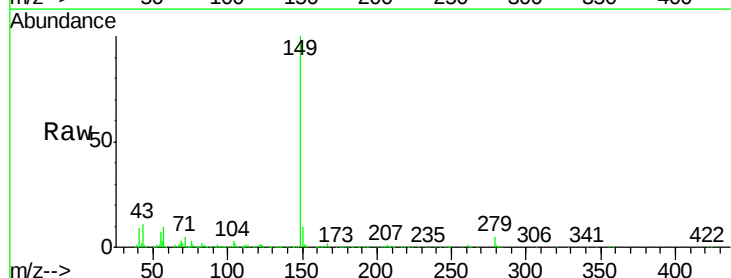
RT: 23.75 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

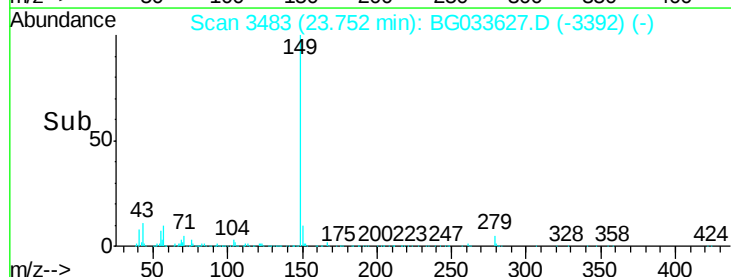
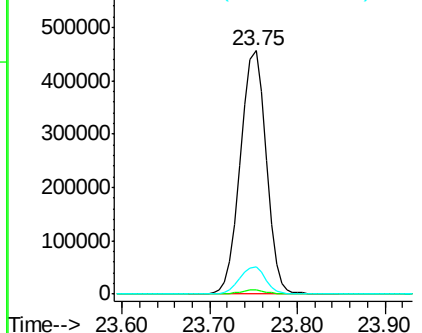
Tgt Ion:	149	Resp:	906651
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	11.2	8.9	13.3

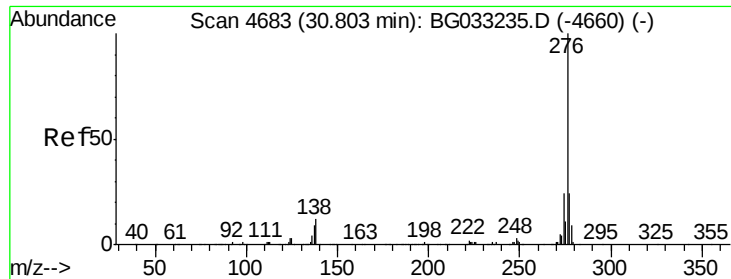


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





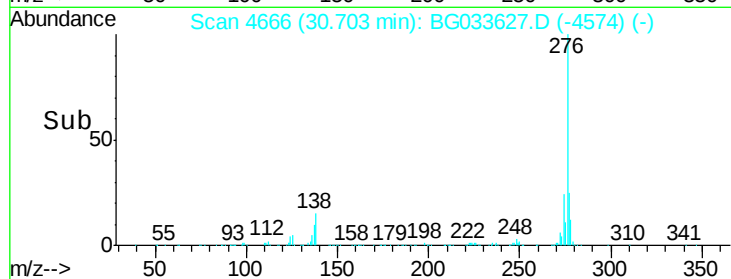
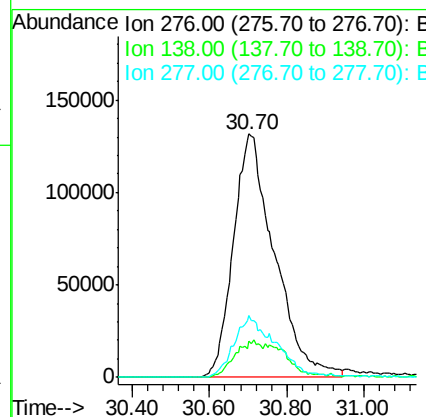
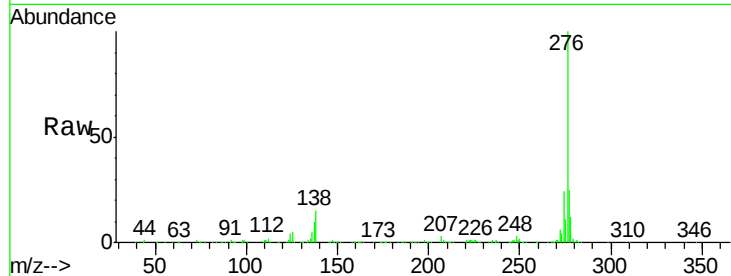
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.788 ng
RT: 30.70 min Scan# 4666
Delta R.T. 0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.7	16.0	24.0#
277	25.0	20.0	30.0

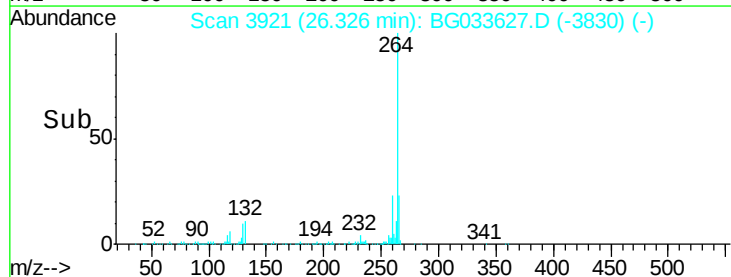
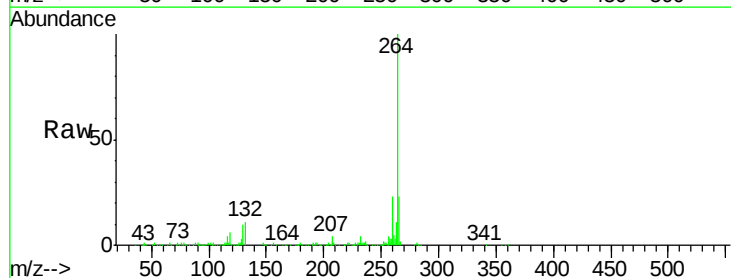
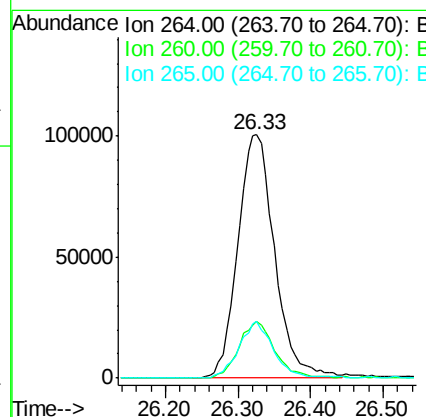
Manual Integrations
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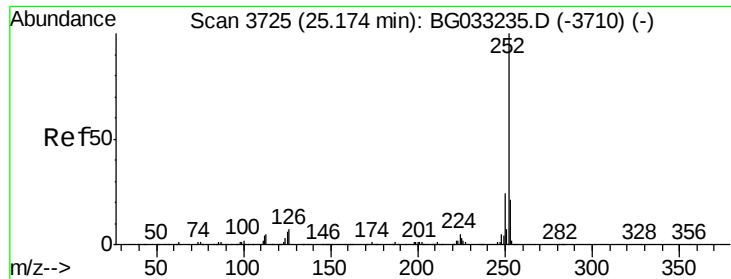
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. 0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	23.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 42.760 ng

RT: 25.12 min Scan# 3715

Delta R.T. 0.01 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Instrument :

BNA_G

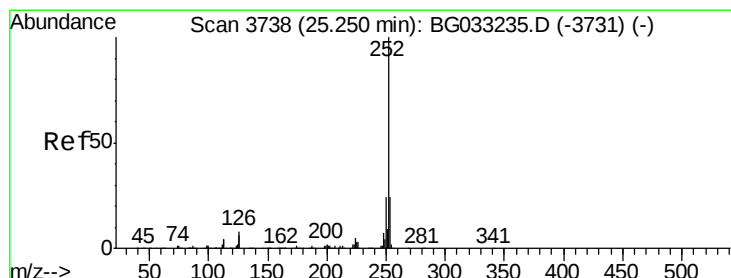
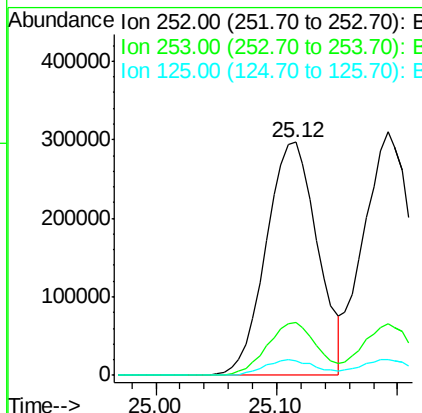
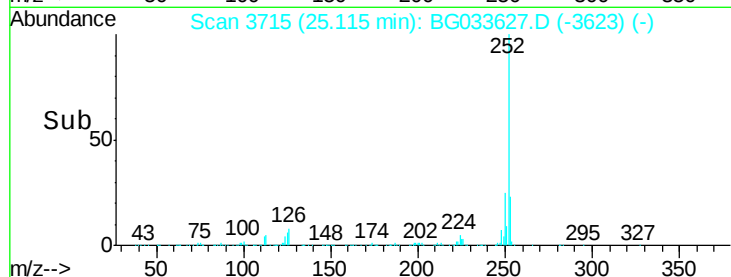
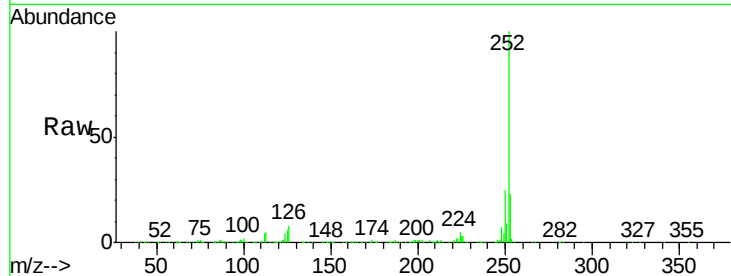
ClientSampleId :

PB107995BSD

Tot Ion:252	Resp:	874200
Ion Ratio	Lower	Upper
252	100	
253	22.6	18.2 27.4
125	6.4	7.2 10.8#

Manual Integrations
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4/6/2018 5:28:13 PM



#88

Benzo(k)fluoranthene

Concen: 43.996 ng

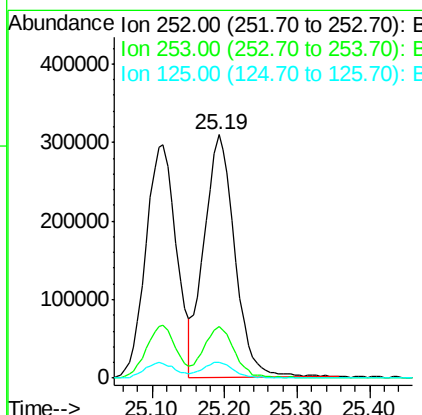
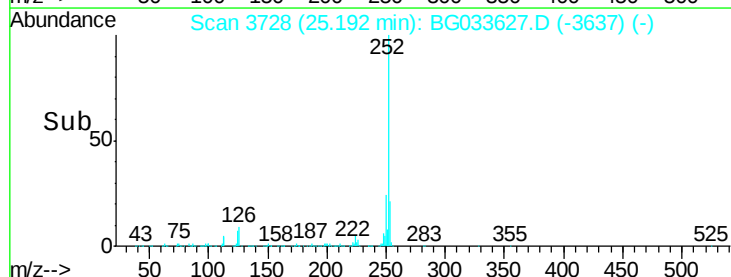
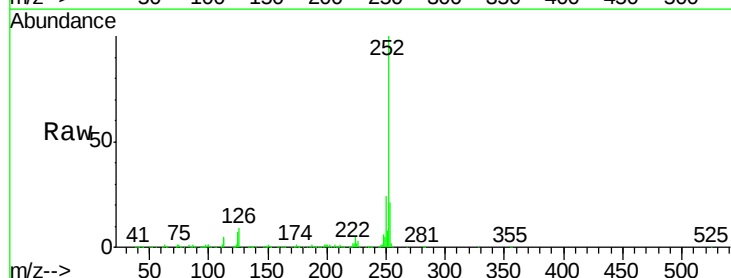
RT: 25.19 min Scan# 3728

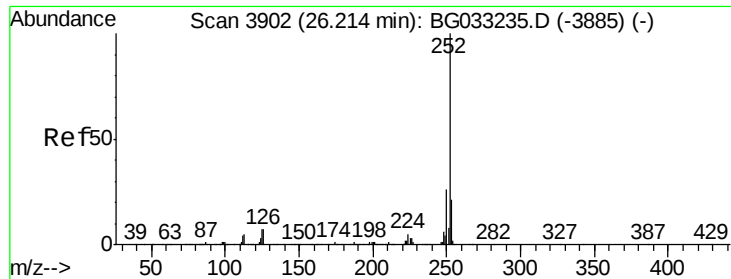
Delta R.T. 0.01 min

Lab File: BG033627.D

Acq: 6 Apr 2018 13:07

Tgt Ion:252	Resp:	909703
Ion Ratio	Lower	Upper
252	100	
253	21.4	17.4 26.2
125	6.6	6.6 9.8#





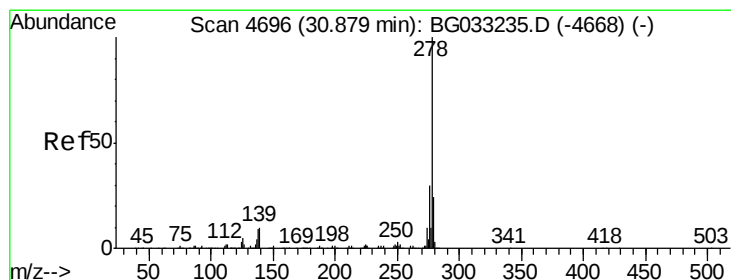
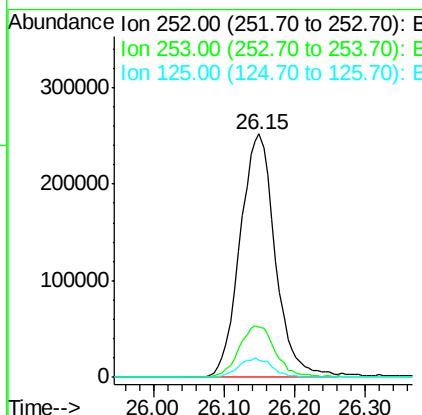
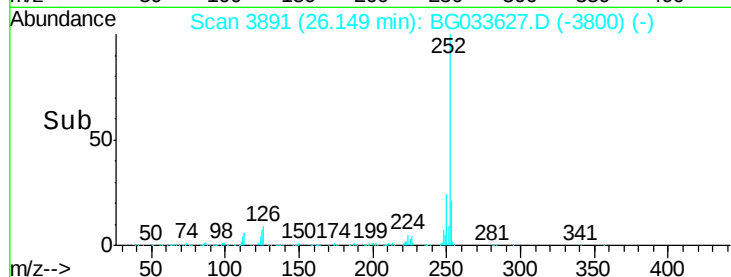
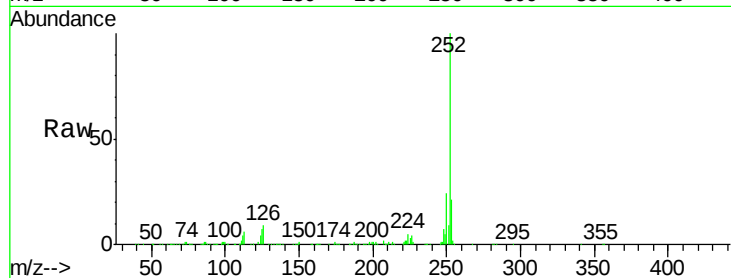
#89
Benzo(a)pyrene
Concen: 44.654 ng
RT: 26.15 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.3	27.5
125	7.1	7.3	10.9

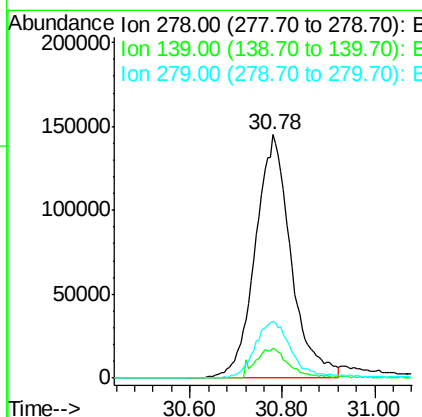
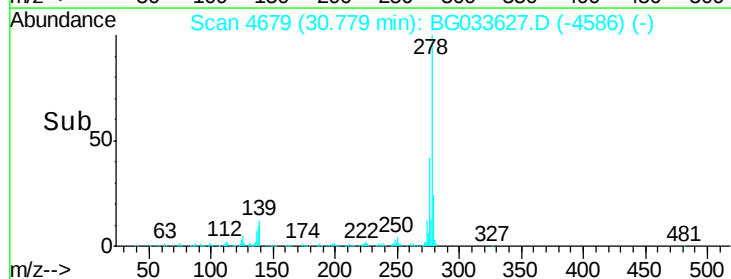
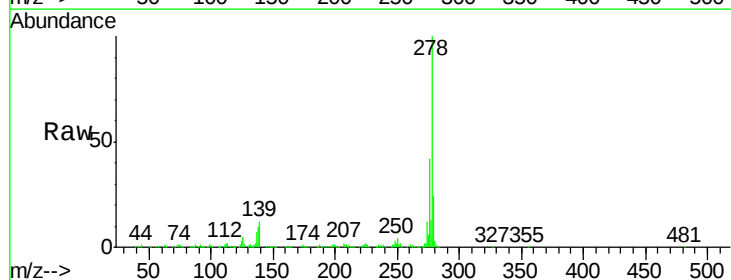
Manual Integrations
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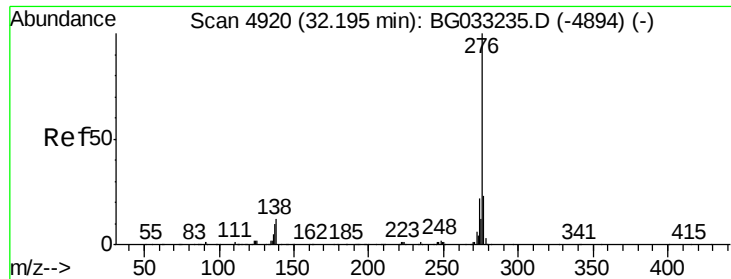
Sohil
4/6/2018 5:28:13 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.162 ng
RT: 30.78 min Scan# 4679
Delta R.T. 0.02 min
Lab File: BG033627.D
Acq: 6 Apr 2018 13:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.8	14.6
279	23.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.383 ng
 RT: 32.08 min Scan# 4900
 Delta R.T. 0.01 min
 Lab File: BG033627.D
 Acq: 6 Apr 2018 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB107995BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.3	27.5
138	16.0	13.9	20.9

Manual Integrations
 APPROVED

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 4/6/2018 5:28:13 PM

