

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033707.D
 Acq On : 10 Apr 2018 8:55
 Operator : SJ/JU
 Sample : PB108084BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

Manual Integrations
 APPROVED

Sohil
 4/10/2018 3:37:01 PM

Quant Time: Apr 10 11:01:07 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	38436	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	157136	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	111404	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	296198	20.00	ng	0.00
75) Chrysene-d12	22.55	240	312293	20.00	ng	-0.01
86) Perylene-d12	26.31	264	339616	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	332730	162.32	ng	0.00
7) Phenol-d6	7.97	99	502758	142.75	ng	0.00
23) Nitrobenzene-d5	10.06	82	307974	90.05	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	219948	132.01	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	706861	91.60	ng	0.00
78) Terphenyl-d14	20.73	244	1325387	90.76	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.92	88	43417	41.709	ng	# 87
3) Pyridine	4.38	79	123711m	42.991	ng	
4) n-Nitrosodimethylamine	4.29	42	65681m	55.619	ng	93
6) Aniline	8.16	93	62566	15.106	ng	
8) 2-Chlorophenol	8.41	128	113912	48.611	ng	96
9) Benzaldehyde	7.97	77	32667m	14.595	ng	89
10) Phenol	8.00	94	167702	48.228	ng	
11) bis(2-Chloroethyl)ether	8.24	93	116829	41.162	ng	99
12) 1,3-Dichlorobenzene	8.74	146	123667	40.366	ng	94
13) 1,4-Dichlorobenzene	8.89	146	120296	39.207	ng	97
14) 1,2-Dichlorobenzene	9.22	146	123451	41.225	ng	95
15) Benzyl Alcohol	9.09	79	125613	45.299	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.38	45	203186	43.914	ng	94
17) 2-Methylphenol	9.29	107	103936m	43.877	ng	95
18) Hexachloroethane	9.97	117	49007	41.384	ng	
19) n-Nitroso-di-n-propylamine	9.66	70	102911	39.876	ng	97
20) 3+4-Methylphenols	9.63	107	145364	43.100	ng	88
22) Acetophenone	9.70	105	189531	44.026	ng	# 95
24) Nitrobenzene	10.10	77	157674	43.071	ng	91
25) Isophorone	10.62	82	295985	44.589	ng	100
26) 2-Nitrophenol	10.83	139	63102	45.529	ng	# 80
27) 2,4-Dimethylphenol	10.86	122	111798	55.527	ng	86
28) bis(2-Chloroethoxy)methane	11.10	93	154526	46.656	ng	99
29) 2,4-Dichlorophenol	11.37	162	118755	47.961	ng	96
30) 1,2,4-Trichlorobenzene	11.59	180	128259	39.869	ng	97
31) Naphthalene	11.79	128	344170	42.267	ng	99
32) Benzoic acid	10.99	122	44230	23.631	ng	# 88
33) 4-Chloroaniline	11.90	127	42699	11.704	ng	# 92
34) Hexachlorobutadiene	12.05	225	96702	39.749	ng	90
35) Caprolactam	12.64	113	45462	46.866	ng	98
36) 4-Chloro-3-methylphenol	12.96	107	152948	47.360	ng	92
37) 2-Methylnaphthalene	13.34	142	269551	42.649	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	173338	42.955	ng	98
40) Hexachlorocyclopentadiene	13.66	237	197417	83.453	ng	93

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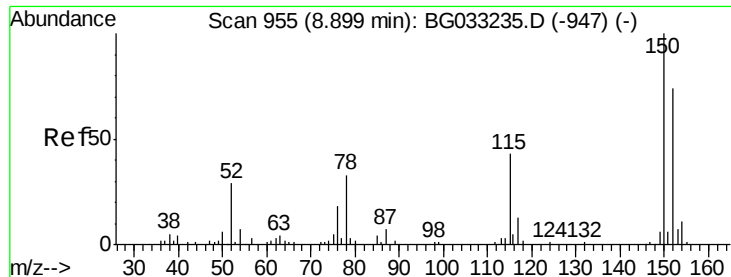
Manual Integrations
 APPROVED

Sohil
 4/10/2018 3:37:01 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	109641	46.764	ng	99
43) 2,4,5-Trichlorophenol	14.01	196	125655	45.342	ng	98
45) 1,1'-Biphenyl	14.32	154	375163	43.833	ng	95
46) 2-Chloronaphthalene	14.37	162	285954	43.331	ng	95
47) 2-Nitroaniline	14.56	65	117808	47.660	ng	93
48) Acenaphthylene	15.20	152	473861	43.017	ng	99
49) Dimethylphthalate	14.90	163	423501	43.682	ng	99
50) 2,6-Dinitrotoluene	15.03	165	91965	46.391	ng	96
51) Acenaphthene	15.54	154	309794	43.626	ng	97
52) 3-Nitroaniline	15.37	138	41056	19.754	ng #	92
53) 2,4-Dinitrophenol	15.57	184	40821	43.607	ng #	78
54) Dibenzofuran	15.87	168	467837	44.602	ng	91
55) 4-Nitrophenol	15.66	139	136428	93.352	ng #	79
56) 2,4-Dinitrotoluene	15.82	165	134065	45.930	ng	95
57) Fluorene	16.51	166	391346	43.794	ng	100
58) 2,3,4,6-Tetrachlorophenol	16.08	232	124666	47.785	ng	98
59) Diethylphthalate	16.24	149	419279	44.537	ng	99
60) 4-Chlorophenyl-phenylether	16.49	204	224517	43.707	ng	96
61) 4-Nitroaniline	16.53	138	91046	43.259	ng	88
62) Azobenzene	16.78	77	423955	46.489	ng	97
64) 4,6-Dinitro-2-methylphenol	16.57	198	53763	30.341	ng	95
65) n-Nitrosodiphenylamine	16.70	169	359180	42.476	ng	98
66) 4-Bromophenyl-phenylether	17.38	248	142256	40.895	ng	95
67) Hexachlorobenzene	17.51	284	151629	41.303	ng	94
68) Atrazine	17.62	200	159324	46.497	ng	98
69) Pentachlorophenol	17.84	266	162883	64.643	ng	98
70) Phenanthrene	18.25	178	670682	43.477	ng	99
71) Anthracene	18.34	178	709139	45.402	ng	98
72) Carbazole	18.59	167	621774	44.923	ng	98
73) Di-n-butylphthalate	19.09	149	757812	47.039	ng #	98
74) Fluoranthene	20.20	202	880003	46.099	ng	98
76) Benzidine	20.36	184	255973	30.225	ng	99
77) Pyrene	20.56	202	882085	42.351	ng	98
79) Butylbenzylphthalate	21.41	149	343860	44.738	ng	95
80) Benzo(a)anthracene	22.53	228	860280	43.262	ng	99
81) 3,3'-Dichlorobenzidine	22.41	252	132531	18.729	ng	99
82) Chrysene	22.61	228	824397	42.828	ng	98
83) Bis(2-ethylhexyl)phthalate	22.35	149	485195	45.794	ng	98
84) Di-n-octyl phthalate	23.74	149	840808	51.830	ng	100
85) Indeno(1,2,3-cd)pyrene	30.69	276	980060	47.091	ng	96
87) Benzo(b)fluoranthene	25.10	252	837642	42.691	ng #	98
88) Benzo(k)fluoranthene	25.18	252	879645	44.327	ng	97
89) Benzo(a)pyrene	26.14	252	845242	44.857	ng #	96
90) Dibenzo(a,h)anthracene	30.75	278	808793	45.568	ng	97
91) Benzo(g,h,i)perylene	32.06	276	813125	46.263	ng	98

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



#1

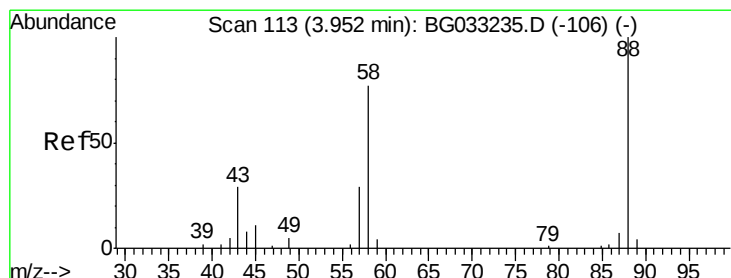
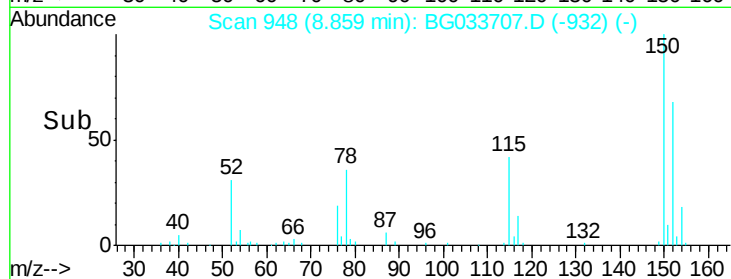
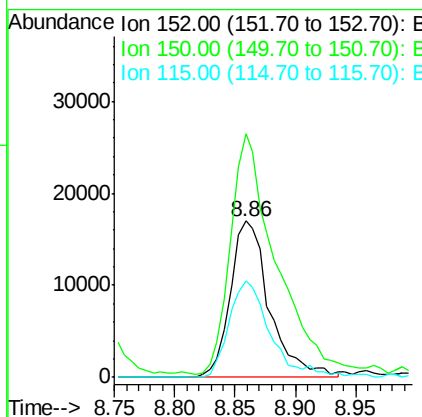
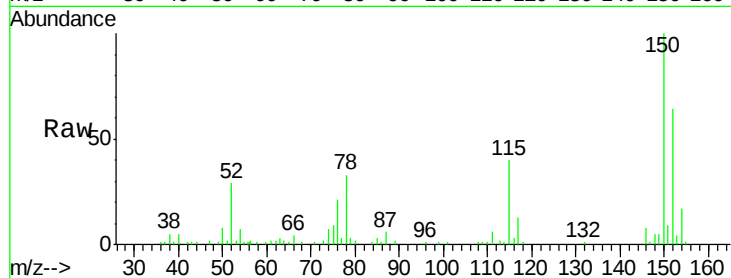
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	61.8	53.0	79.4

Manual Integrations
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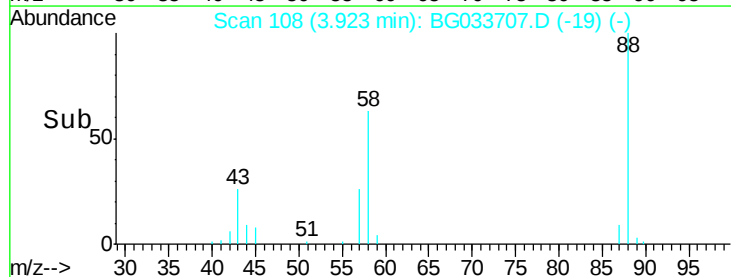
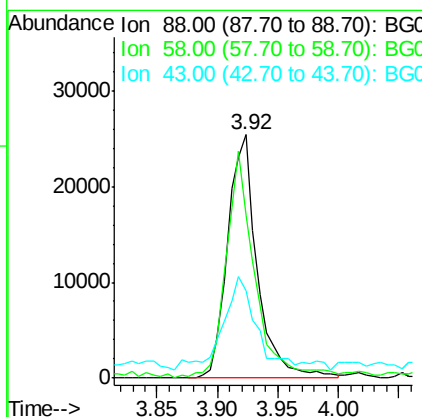
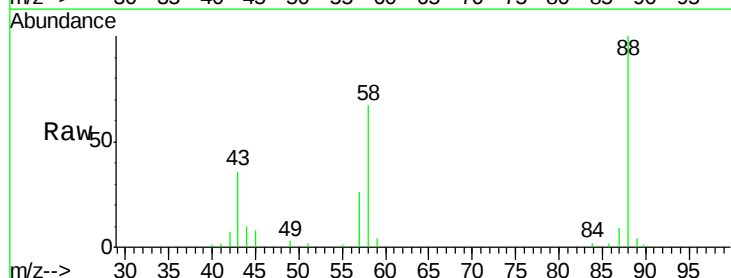
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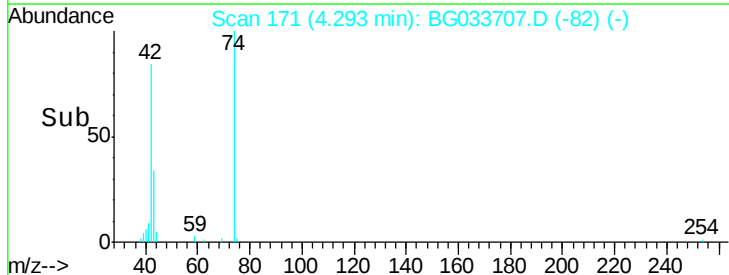
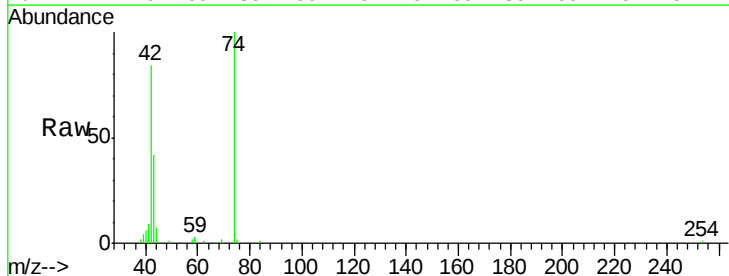
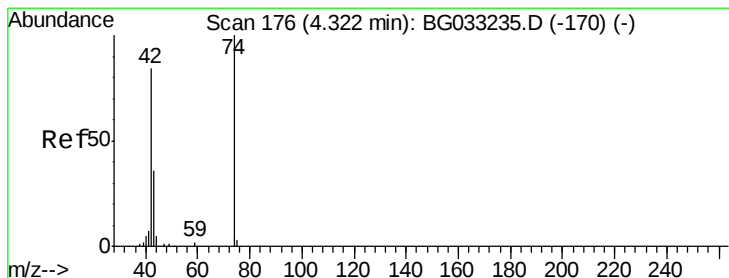
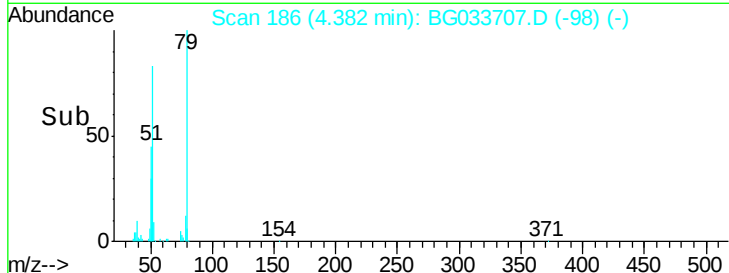
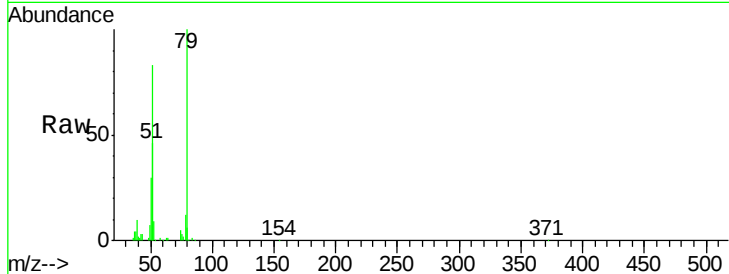
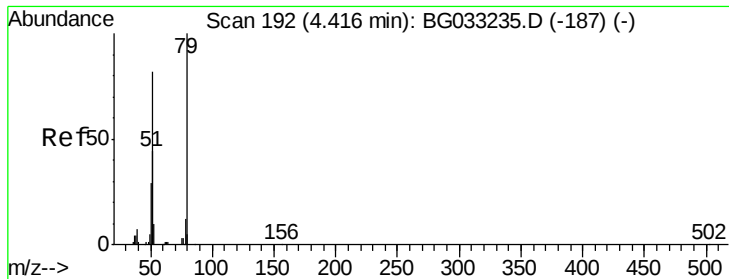


#2

1,4-Dioxane
Concen: 41.709 ng
RT: 3.92 min Scan# 108
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.9	79.6	119.4
43	44.1	27.4	41.0





#3

Pvridine

Concen: 42.991 ng m

RT: 4.38 min Scan# 186

Delta R.T. -0.01 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Tot Ion:	79	Resp:	123711
Ion Ratio	Lower	Upper	
79	100		
52	83.2	69.9	104.9
51	45.9	34.0	51.0

Instrument :

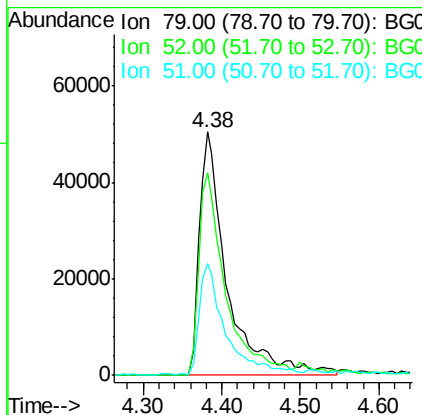
BNA_G

ClientSampleId :

PB108084BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 55.619 ng m

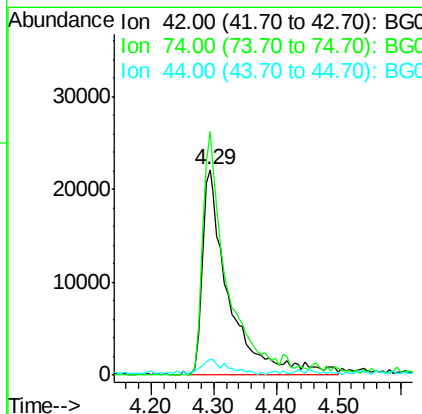
RT: 4.29 min Scan# 171

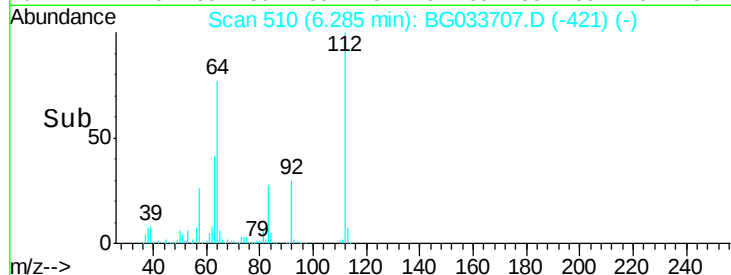
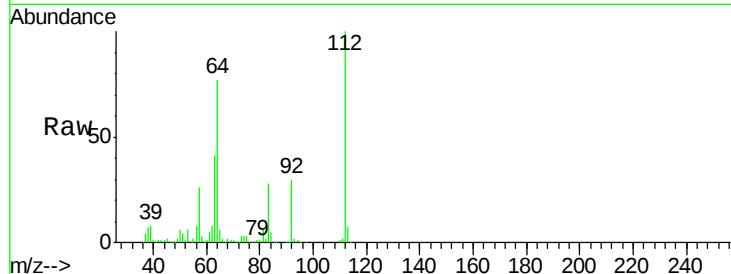
Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Tgt Ion:	42	Resp:	65681
Ion Ratio	Lower	Upper	
42	100		
74	118.3	102.5	153.7
44	7.8	18.9	28.3#





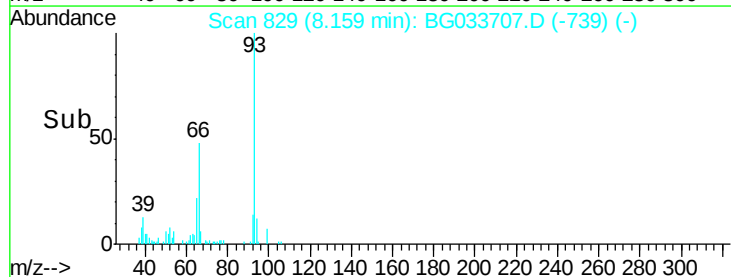
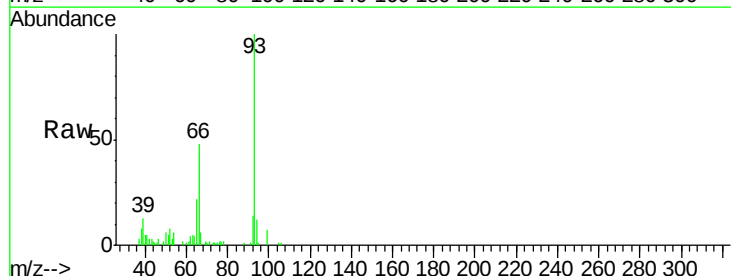
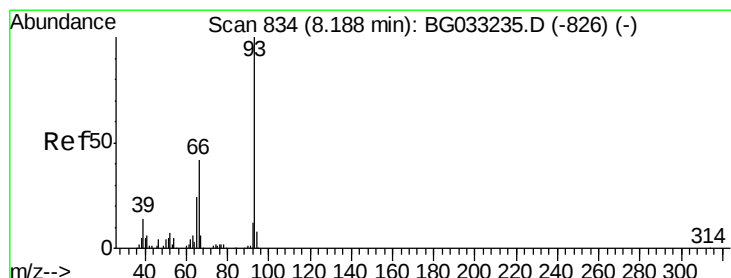
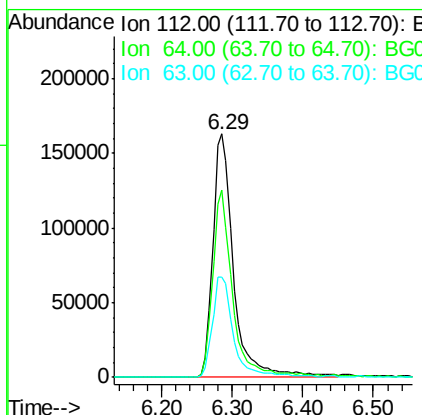
#5
2-Fluorophenol
Concen: 162.324 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tot Ion	Ratio	Resp	Lower	Upper
112	100	332730		
64	77.1	56.3	84.5	
63	41.4	30.1	45.1	

Instrument :
BNA_G
ClientSampleId :
PB108084BS

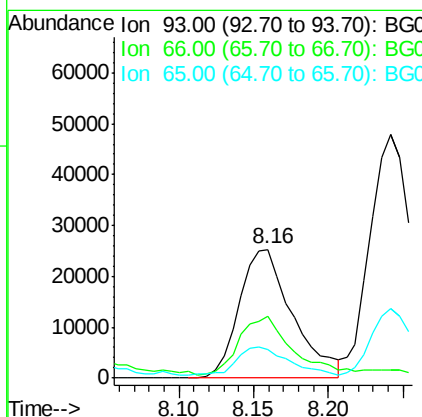
Manual Integrations
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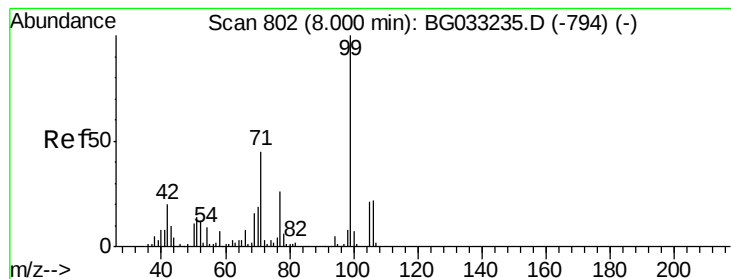
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4/10/2018 3:37:01 PM



#6
Aniline
Concen: 15.106 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	62566		
66	47.8	33.7	50.5	
65	21.9	16.1	24.1	





#7

Phenol-d6

Concen: 142.750 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Instrument :

BNA_G

ClientSampleId :

PB108084BS

Tot Ion: 99 Resp: 502758

Ion Ratio Lower Upper

99 100

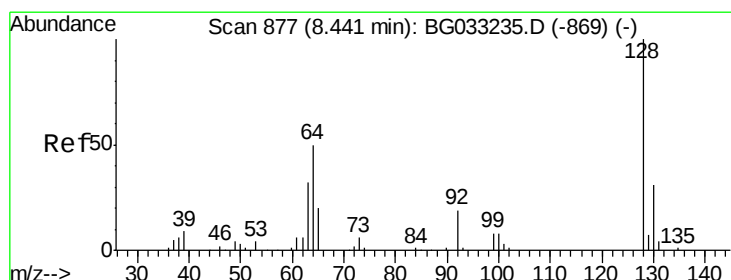
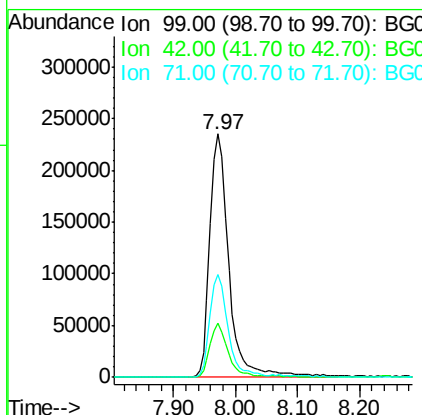
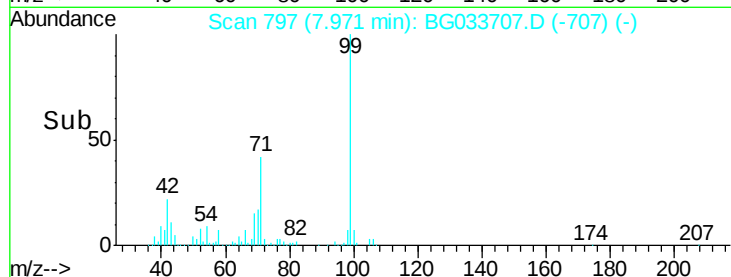
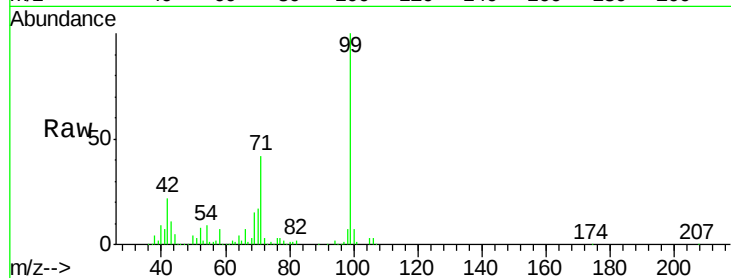
42 22.2 14.1 21.1#

71 42.1 26.1 39.1#

Manual Integrations
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#8

2-Chlorophenol

Concen: 48.611 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

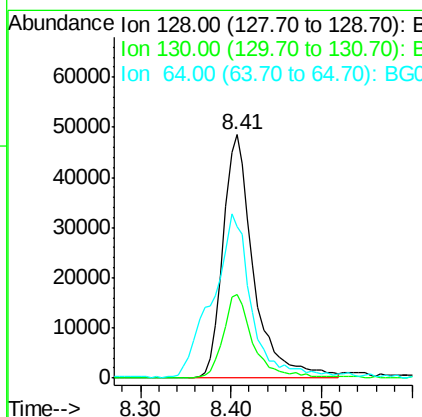
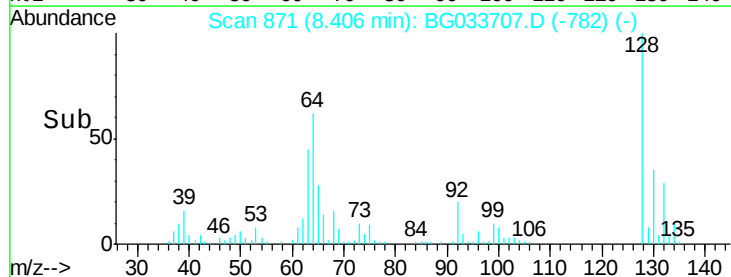
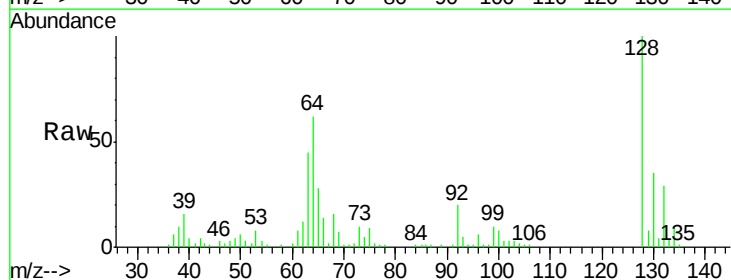
Tgt Ion: 128 Resp: 113912

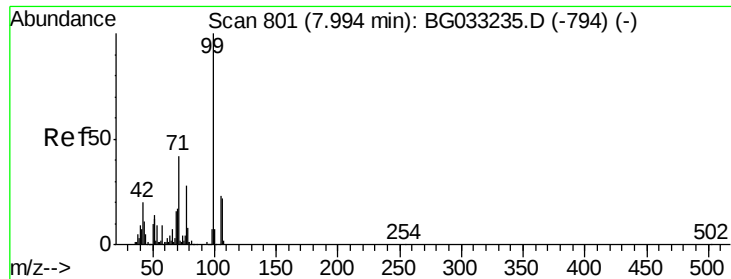
Ion Ratio Lower Upper

128 100

130 34.5 14.0 54.0

64 62.3 37.7 77.7





#9

Benzaldehyde

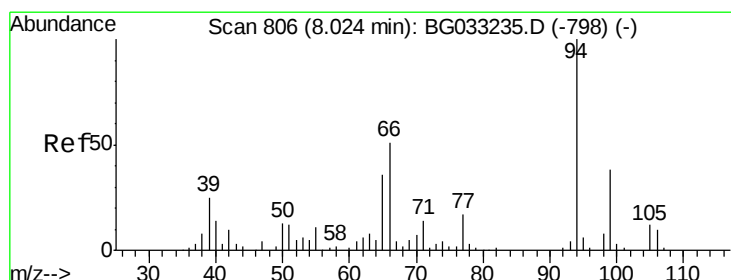
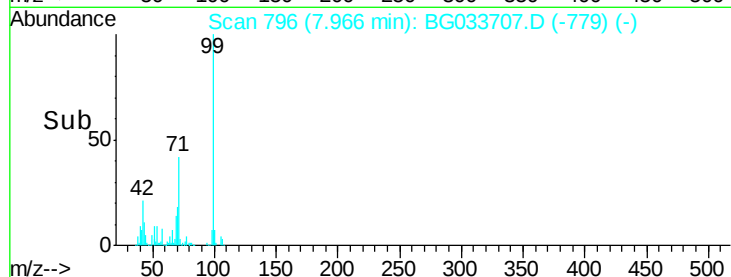
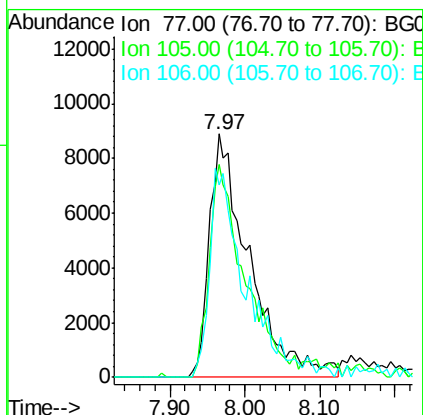
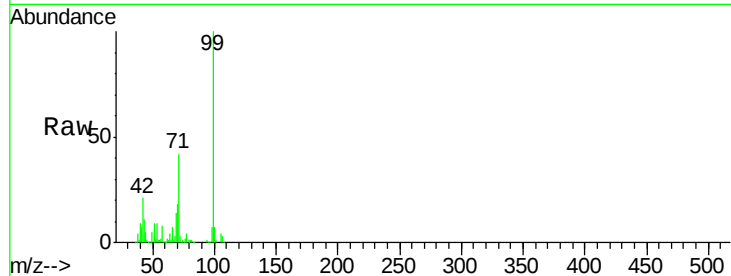
Concen: 14.595 ng/ml
 RT: 7.97 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.3	71.3	111.3
106	79.1	64.2	104.2

Manual Integrations
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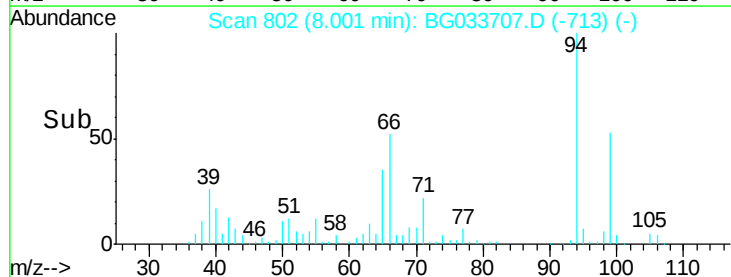
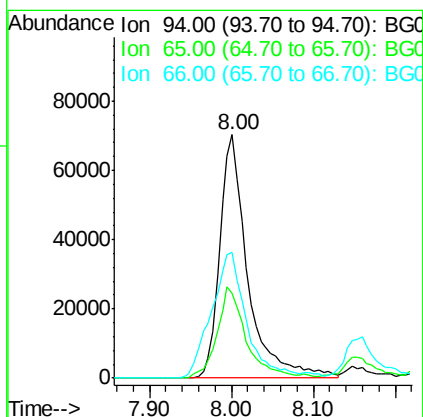
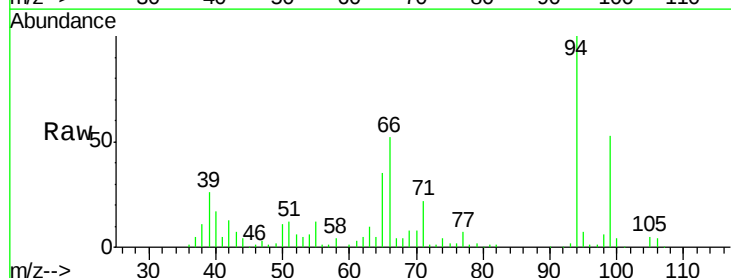


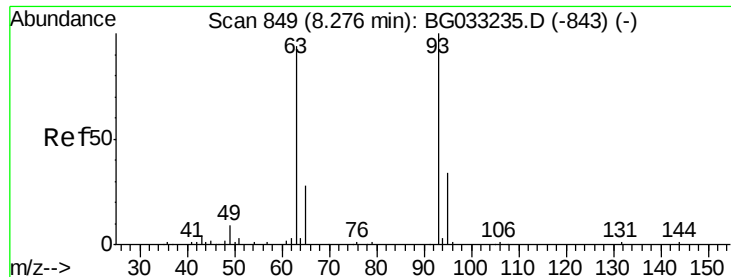
#10

Phenol

Concen: 48.228 ng/ml
 RT: 8.00 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.0	11.9	51.9
66	51.6	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 41.162 ng

RT: 8.24 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Instrument :

BNA_G

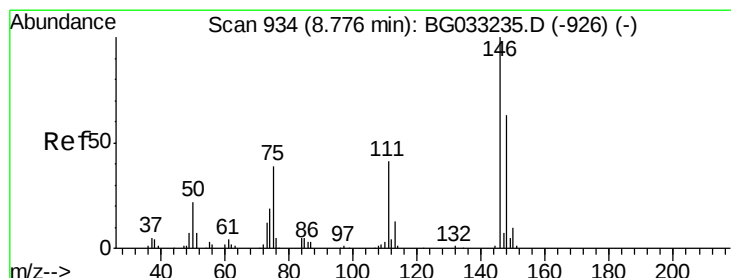
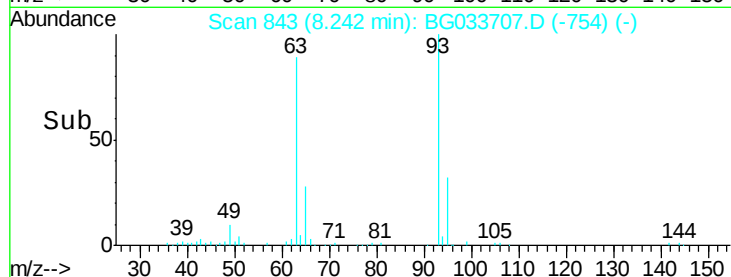
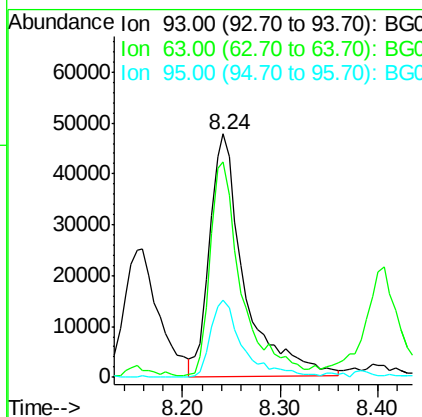
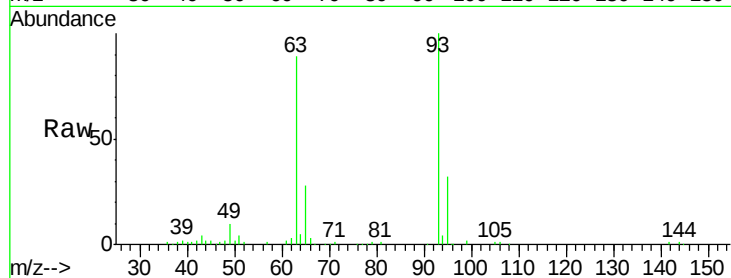
ClientSampleId :

PB108084BS

Tot Ion:	93	Resp:	116829
Ion	Ratio	Lower	Upper
93	100		
63	88.7	67.1	107.1
95	31.9	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 40.366 ng

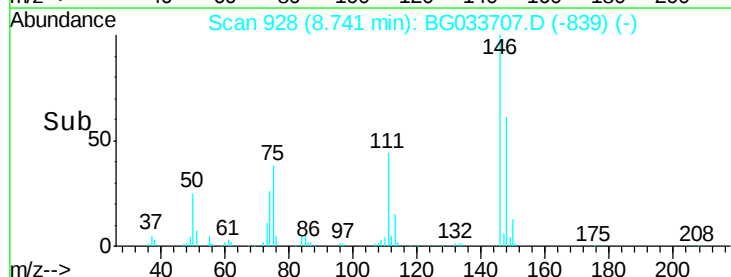
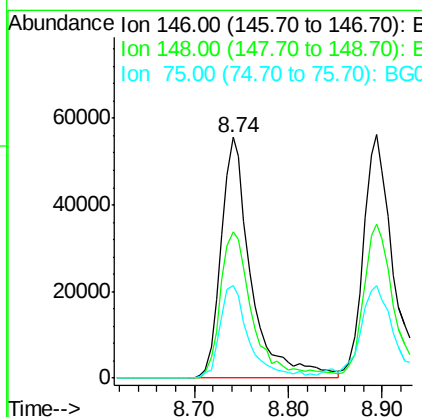
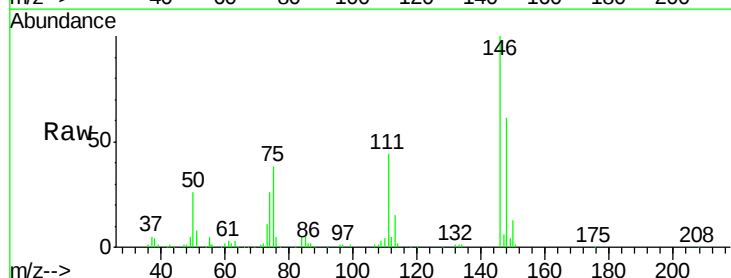
RT: 8.74 min Scan# 928

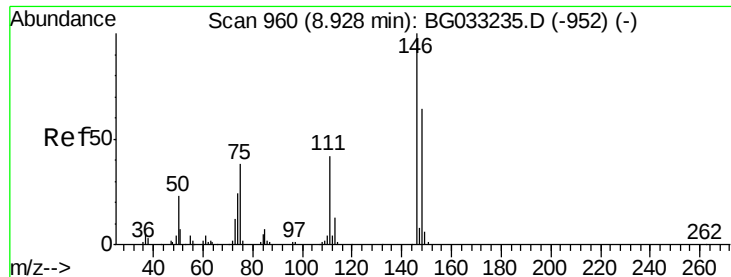
Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Tgt Ion:	146	Resp:	123667
Ion	Ratio	Lower	Upper
146	100		
148	60.9	51.4	77.2
75	38.4	26.6	39.8





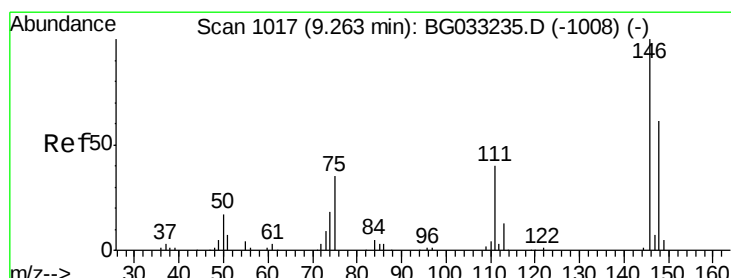
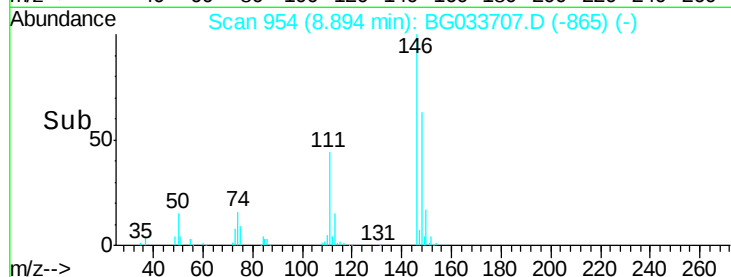
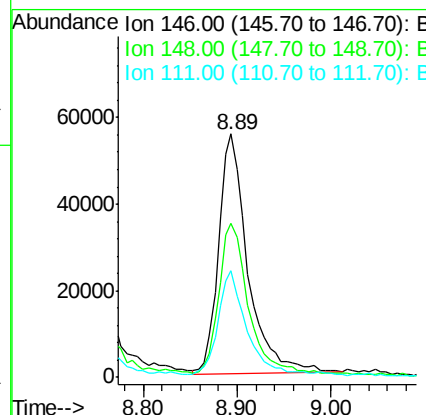
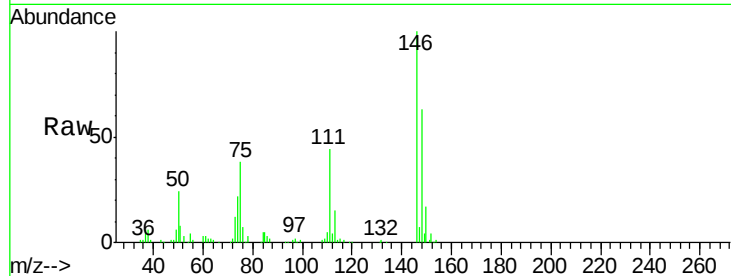
#13
1,4-Dichlorobenzene
Concen: 39.207 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	120296		
148	63.1		53.7	80.5
111	43.7		35.2	52.8

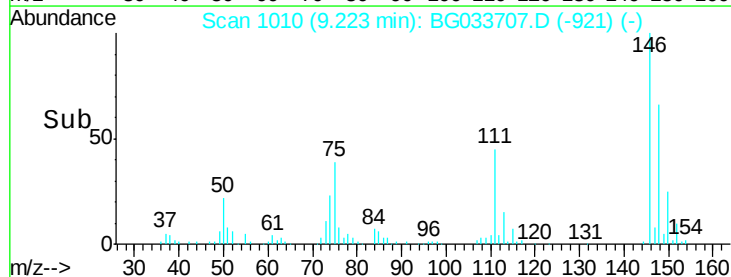
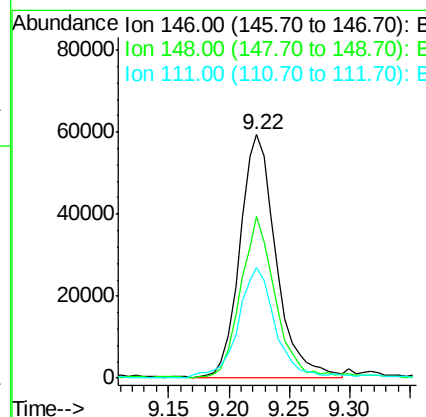
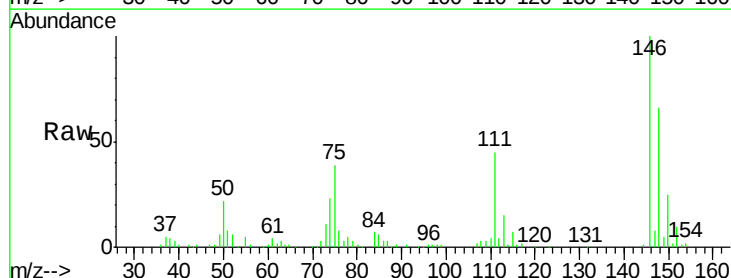
Manual Integrations
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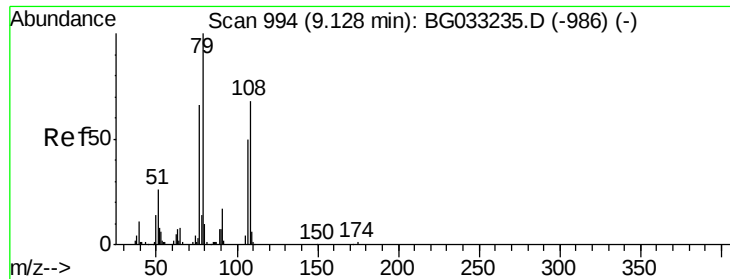
Sohil
4/10/2018 3:37:01 PM



#14
1,2-Dichlorobenzene
Concen: 41.225 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	123451		
148	66.4		49.3	73.9
111	45.5		34.3	51.5





#15

Benzyl Alcohol

Concen: 45.299 ng

RT: 9.09 min Scan# 988

Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Instrument :

BNA_G

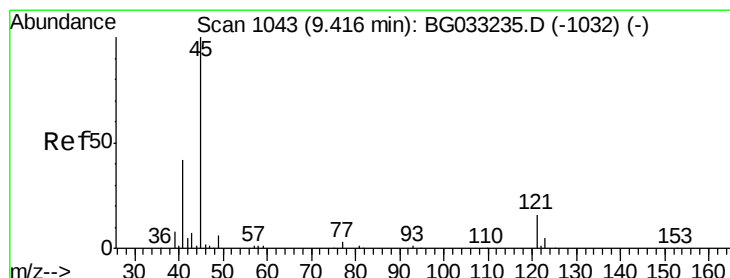
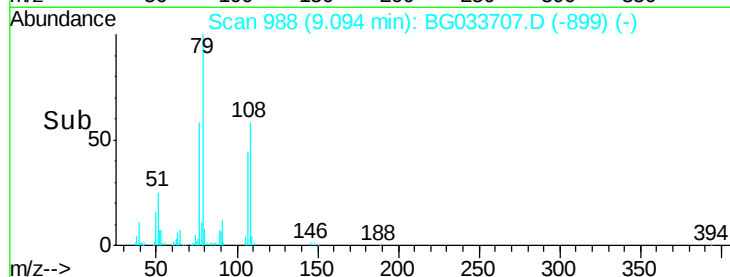
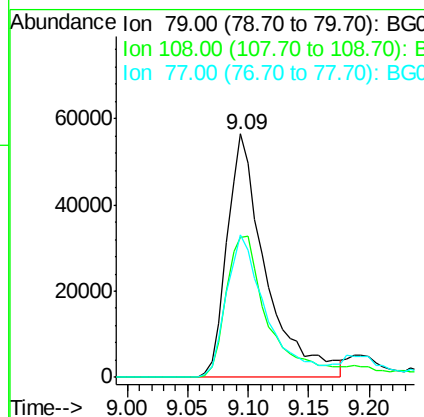
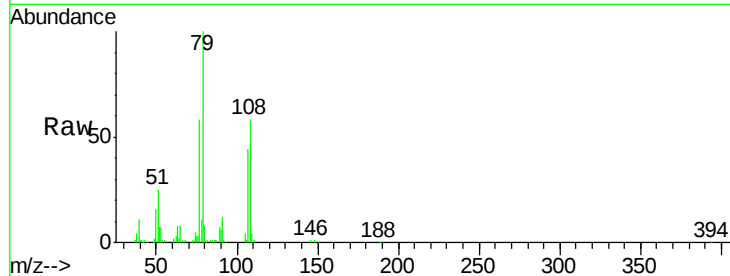
ClientSampleId :

PB108084BS

Tot Ion:	79	Resp:	125613
Ion Ratio	Lower	Upper	
79	100		
108	57.6	57.2	85.8
77	58.4	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.914 ng

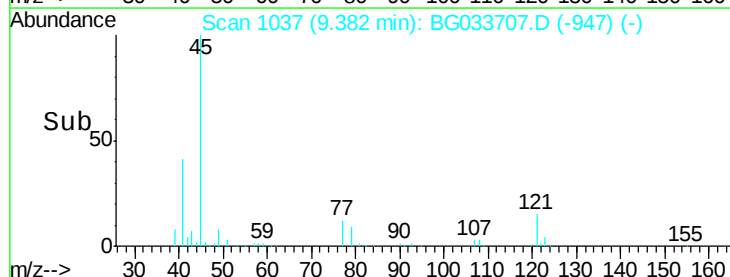
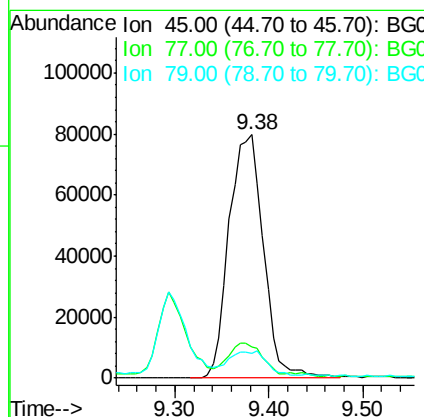
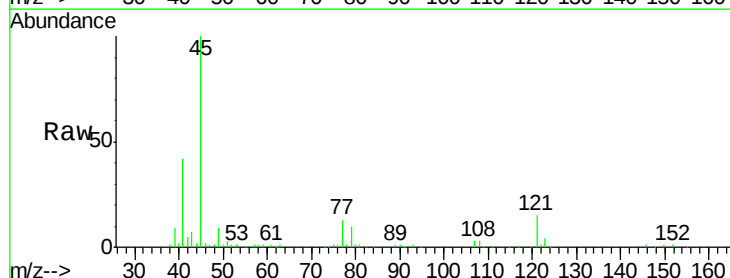
RT: 9.38 min Scan# 1037

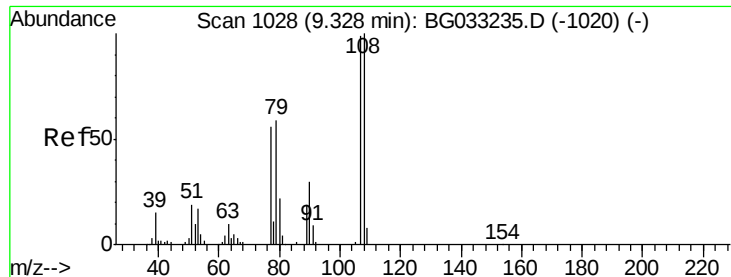
Delta R.T. 0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Tgt Ion:	45	Resp:	203186
Ion Ratio	Lower	Upper	
45	100		
77	12.5	0.0	30.2
79	10.0	0.0	27.9





#17

2-Methylphenol

Concen: 43.877 ng/ml

RT: 9.29 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Instrument :

BNA_G

ClientSampleId :

PB108084BS

Tot Ion:107 Resp: 103936
Ion Ratio Lower Upper

107 100

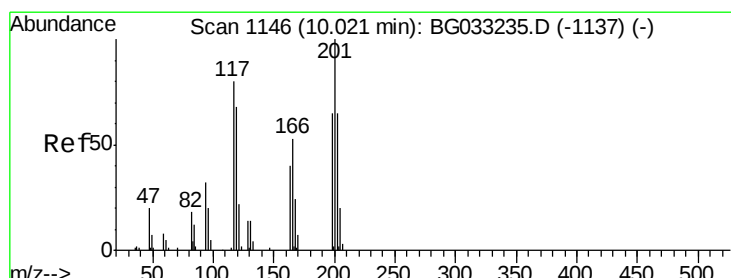
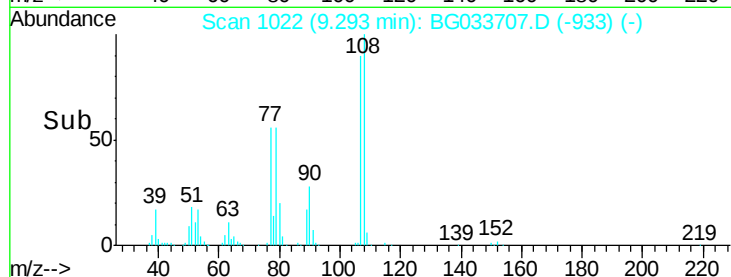
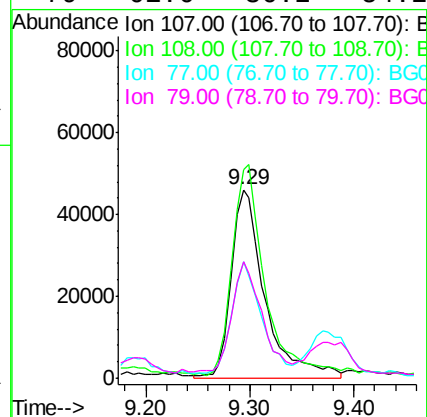
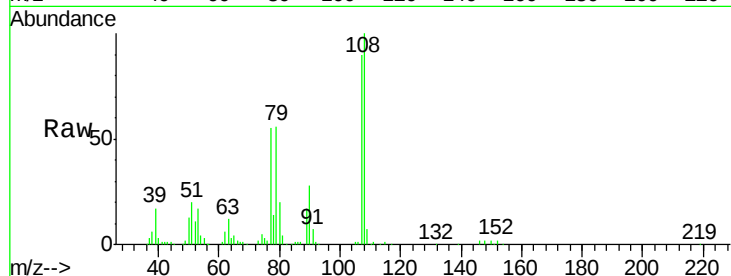
108 110.9 83.9 125.9

77 61.5 37.2 55.8#

79 61.6 36.2 54.2#

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#18

Hexachloroethane

Concen: 41.384 ng/ml

RT: 9.97 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG033707.D

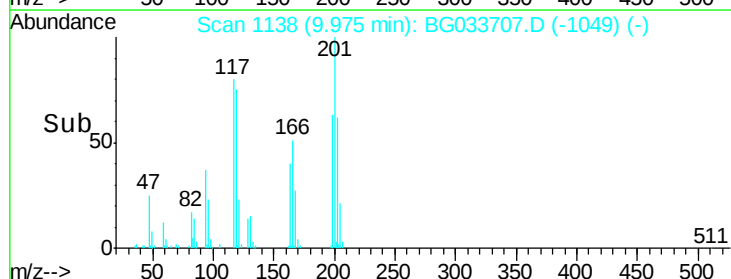
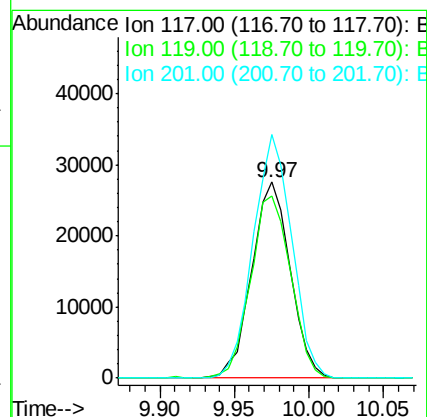
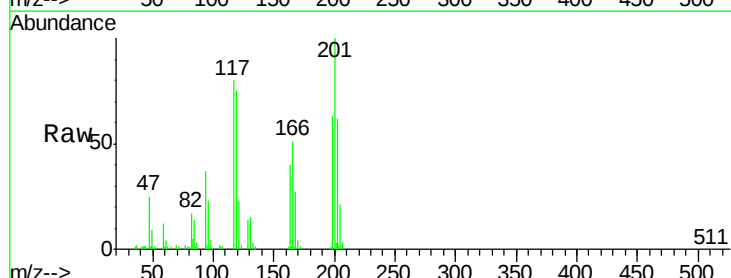
Acq: 10 Apr 2018 8:55

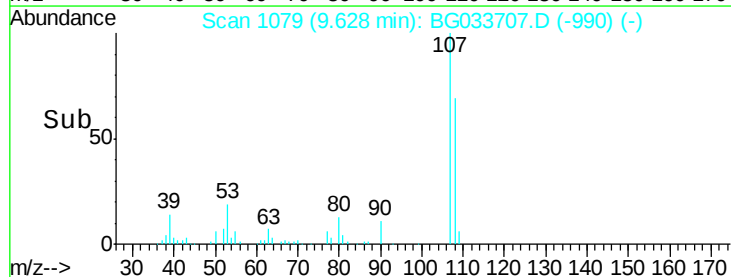
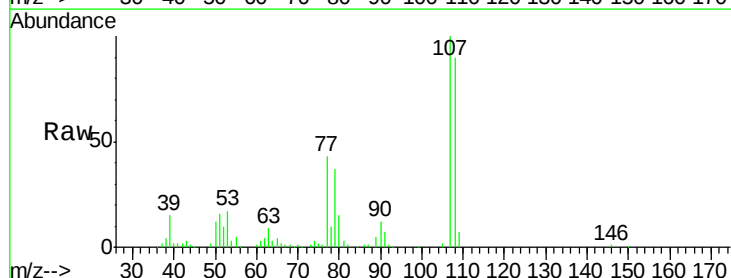
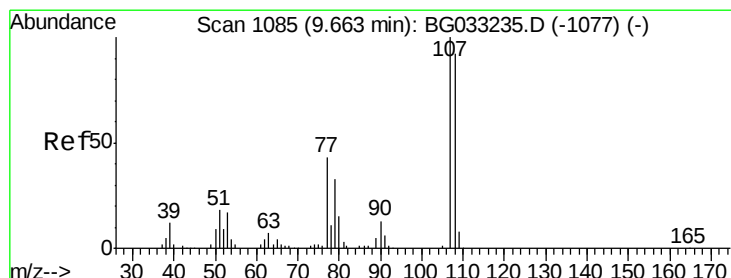
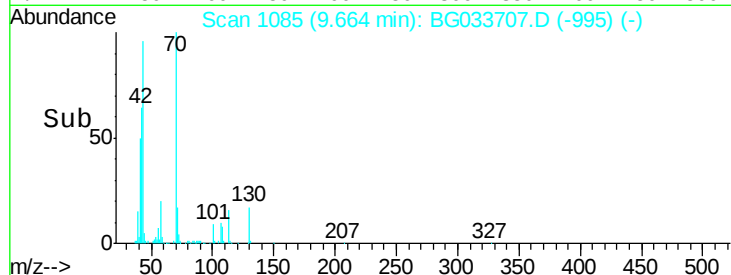
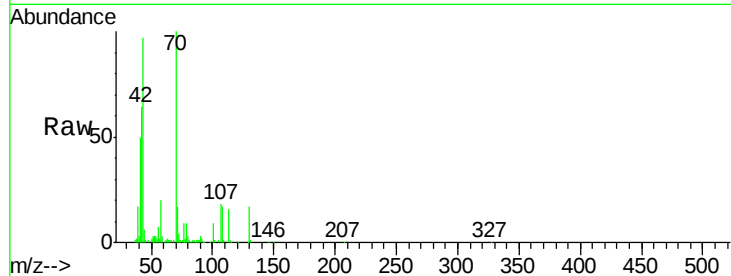
Tgt Ion:117 Resp: 49007
Ion Ratio Lower Upper

117 100

119 93.2 76.7 115.1

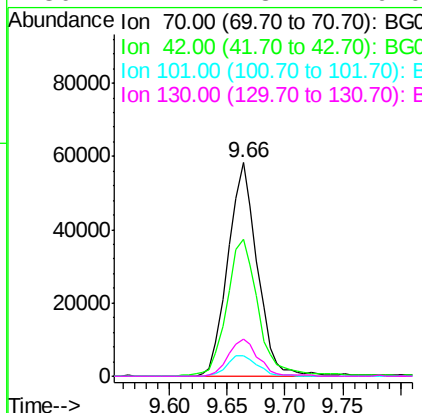
201 127.9 95.7 143.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.876 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.1	49.1	73.7		
101	9.3	8.5	12.7		
130	17.1	13.4	20.0		



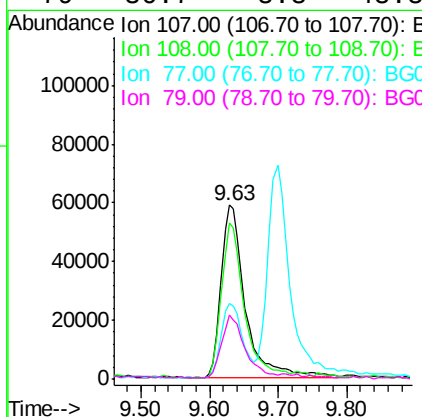
Instrument :
BNA_G
ClientSampleId :
PB108084BS

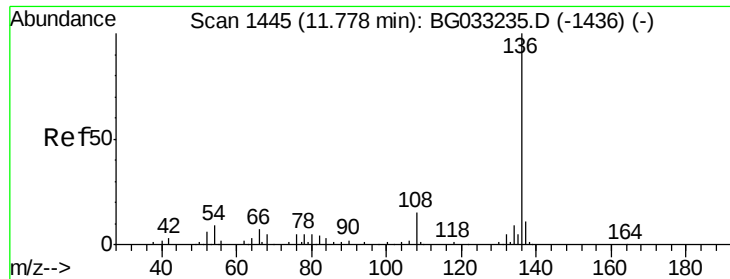
Manual Integrations
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#20
3+4-Methylphenols
Concen: 43.100 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.0	61.6	101.6		
77	43.2	13.9	53.9		
79	36.7	8.8	48.8		





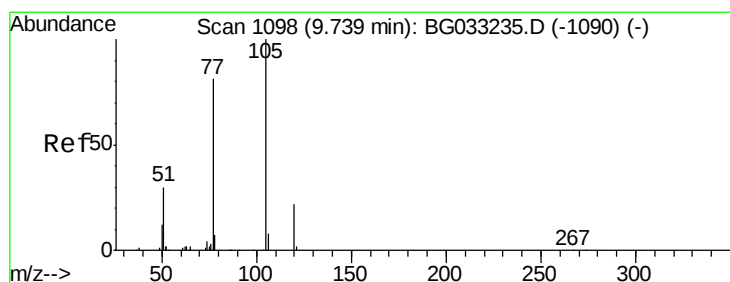
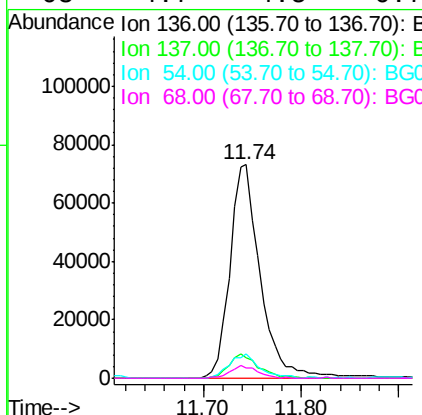
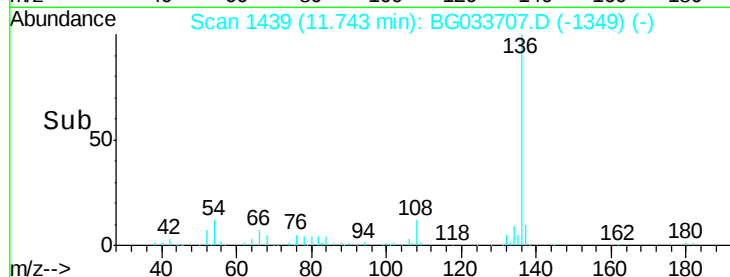
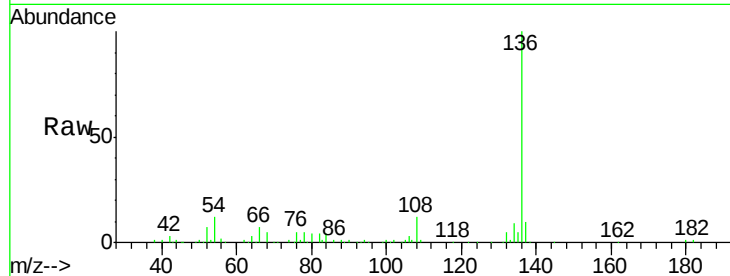
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	157136		
137	9.6		9.2	13.8
54	11.5		10.3	15.5
68	4.7		4.5	6.7

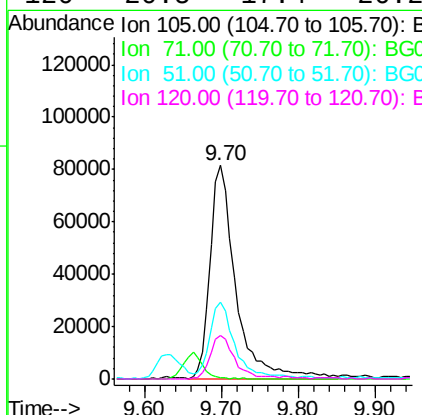
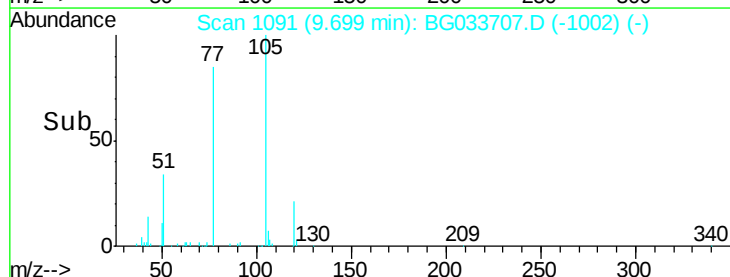
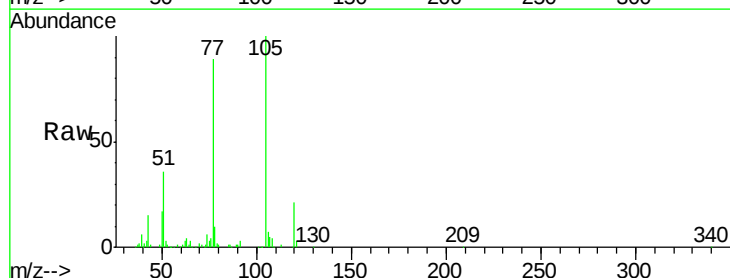
Manual Integrations
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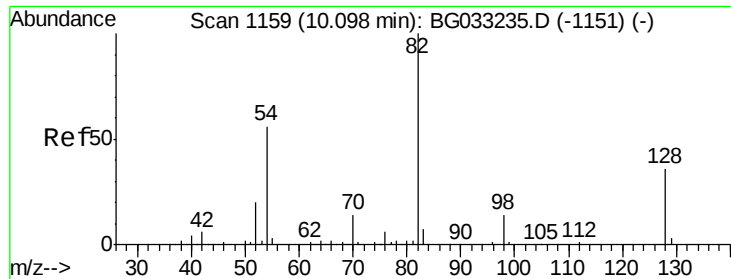
Sohil
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#22
Acetophenone
Concen: 44.026 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189531		
71	0.7		3.0	4.4#
51	36.0		26.1	39.1
120	20.5		17.4	26.2





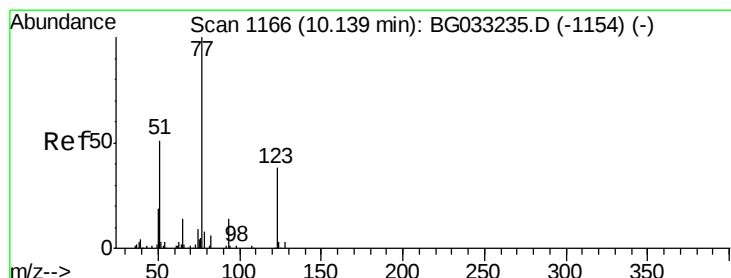
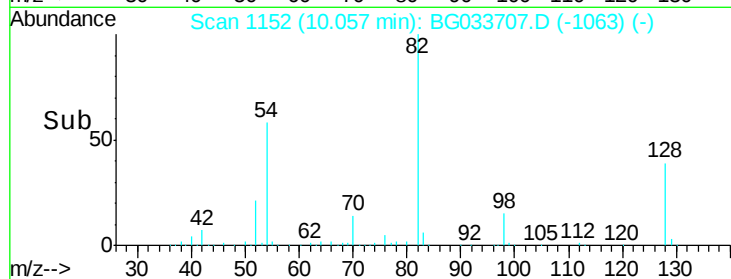
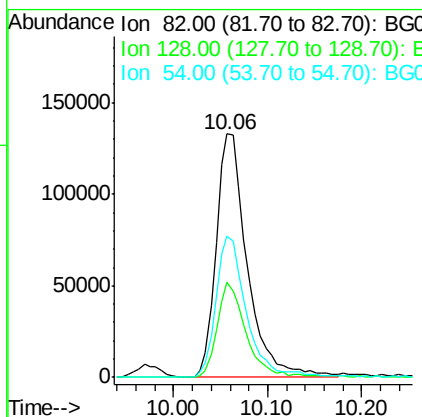
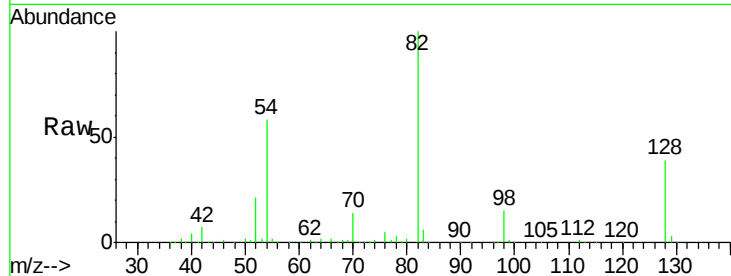
#23
Nitrobenzene-d5
Concen: 90.047 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.7	44.5
54	57.9	43.1	64.7

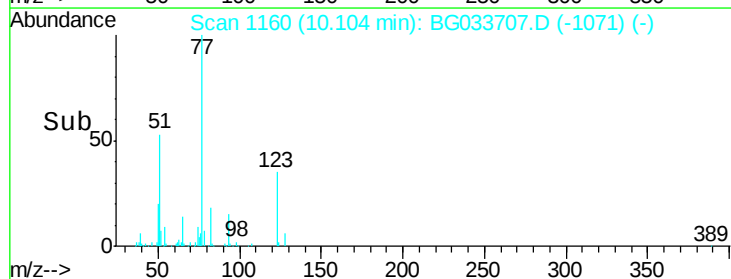
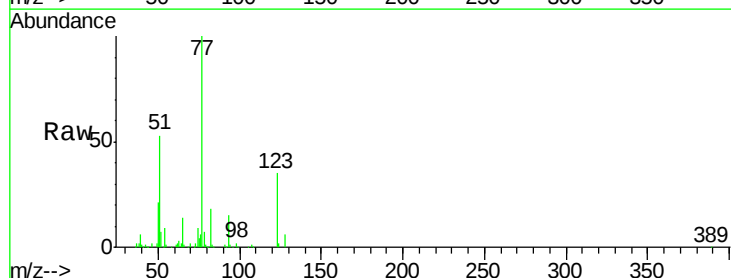
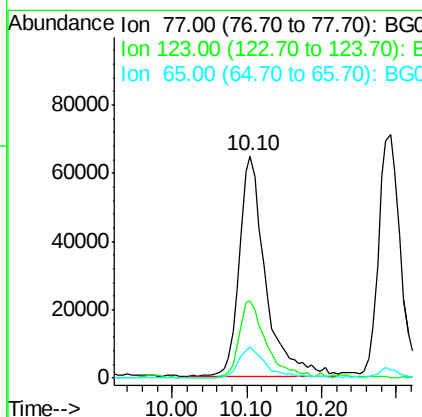
Manual Integrations
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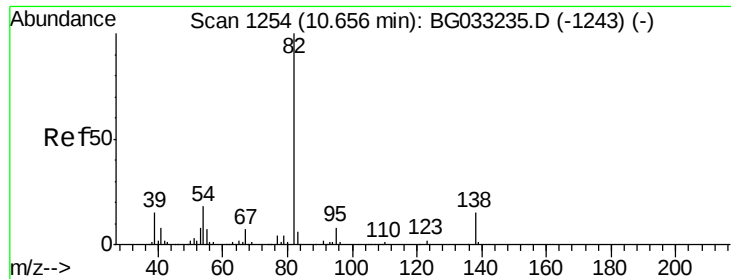
Sohil
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#24
Nitrobenzene
Concen: 43.071 ng
RT: 10.10 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.9	33.0	49.6
65	13.8	13.0	19.6





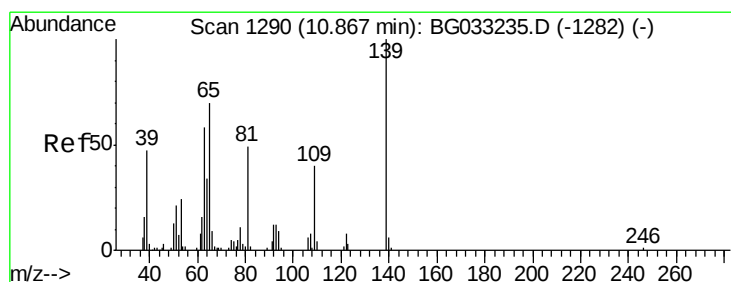
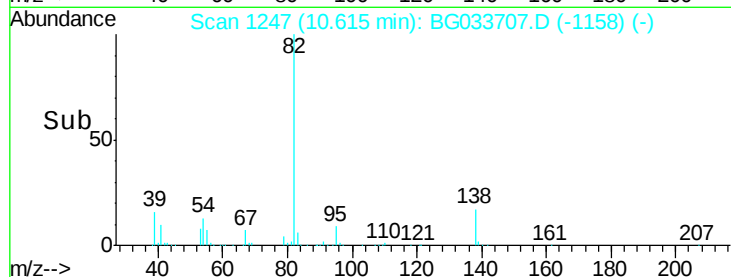
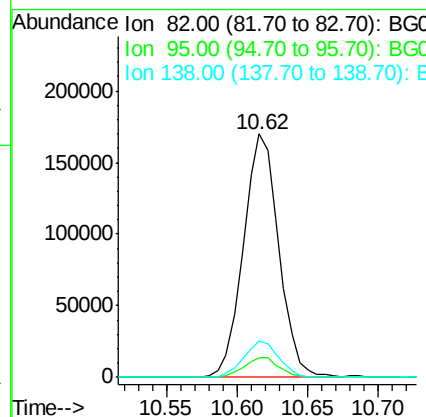
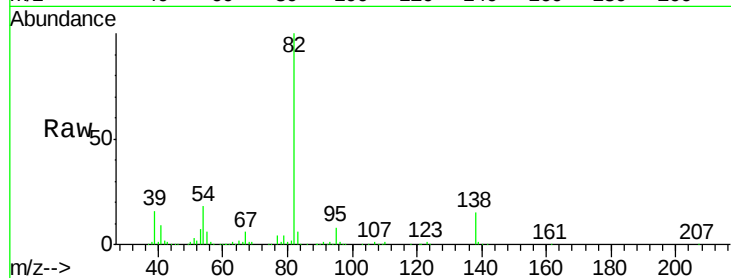
#25
Isophorone
Concen: 44.589 ng
RT: 10.62 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	295985		
95	7.9		6.2	9.2
138	15.0		12.1	18.1

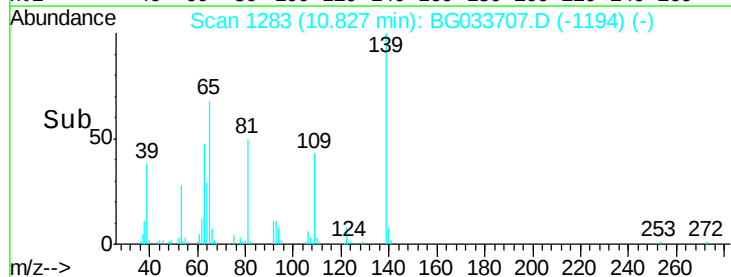
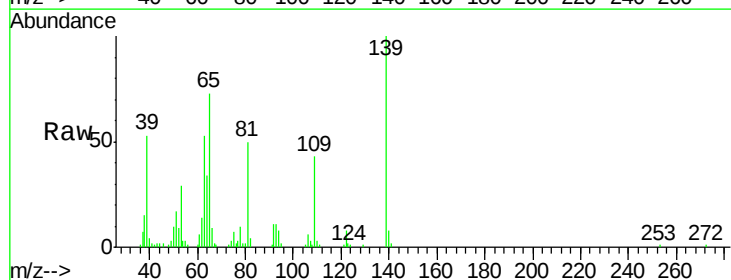
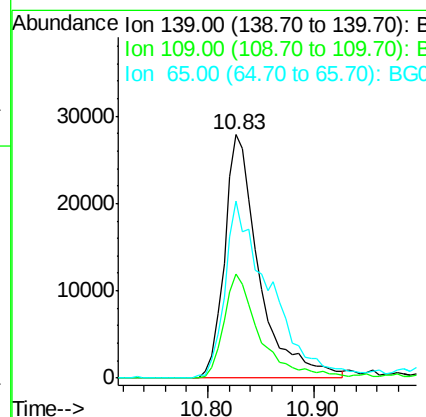
Manual Integrations
APPROVED

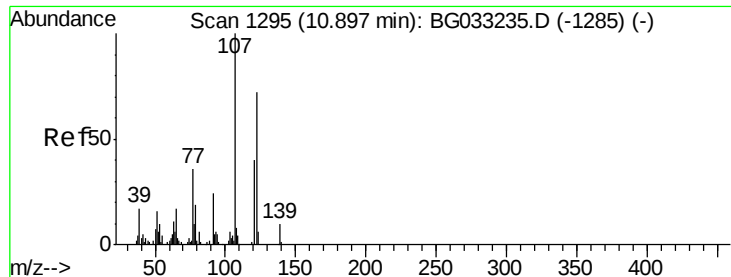
Sohil
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#26
2-Nitrophenol
Concen: 45.529 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	63102		
109	42.8		24.2	36.2#
65	72.5		47.4	71.0#





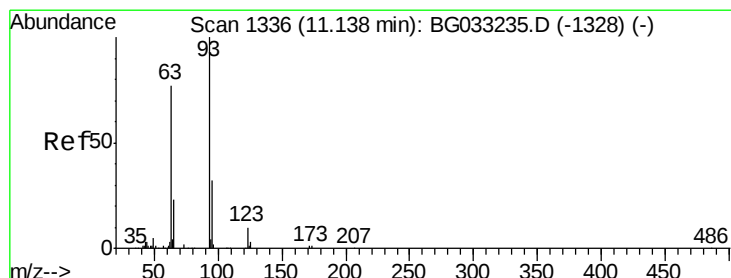
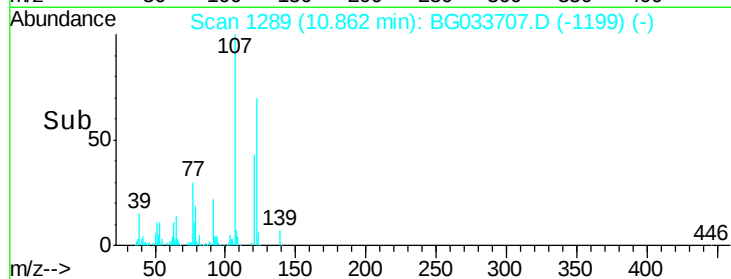
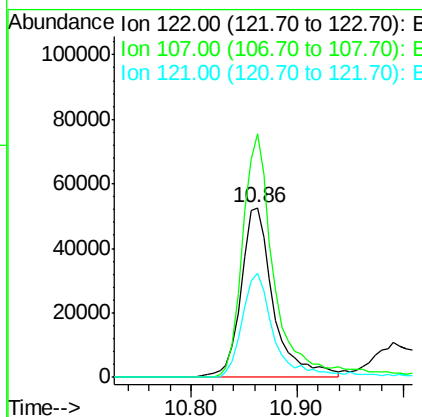
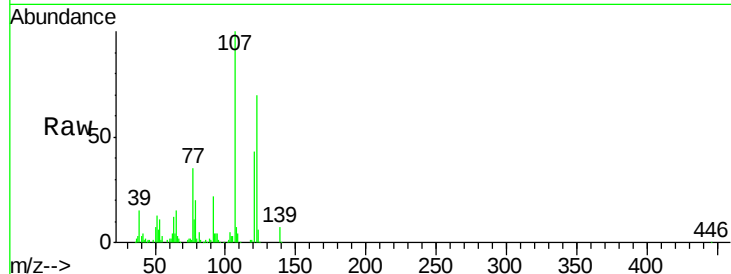
#27
 2,4-Dimethylphenol
 Concen: 55.527 ng
 RT: 10.86 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	143.5	100.2	150.2
121	61.7	44.4	66.6

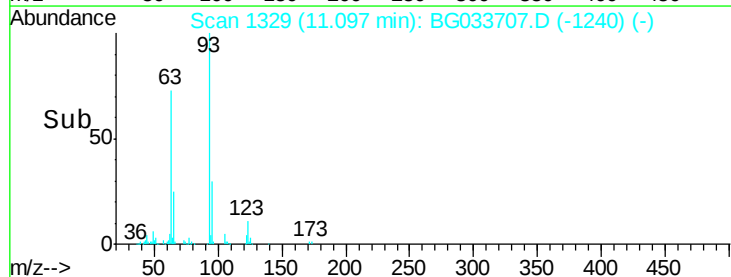
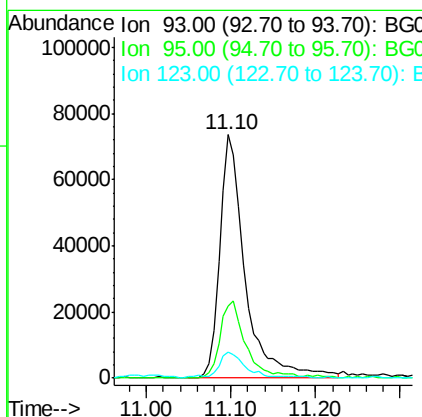
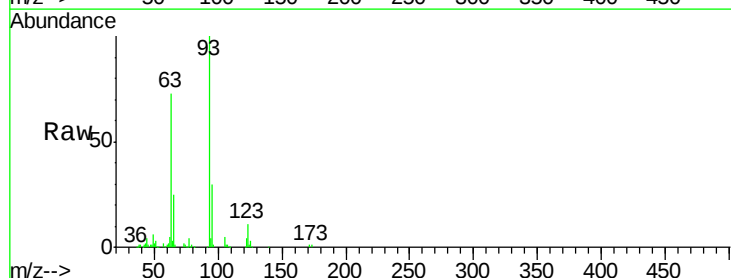
Manual Integrations
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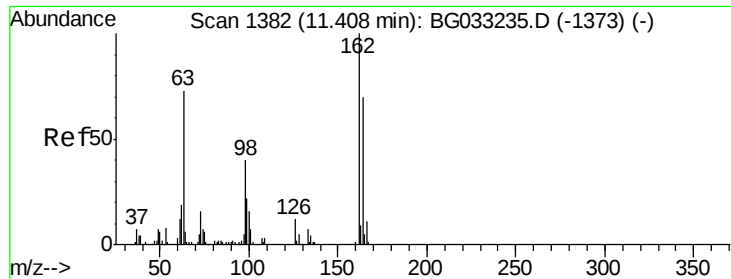
Sohil
 4/10/2018 3:37:01 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.656 ng
 RT: 11.10 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.6	24.3	36.5
123	10.6	8.4	12.6





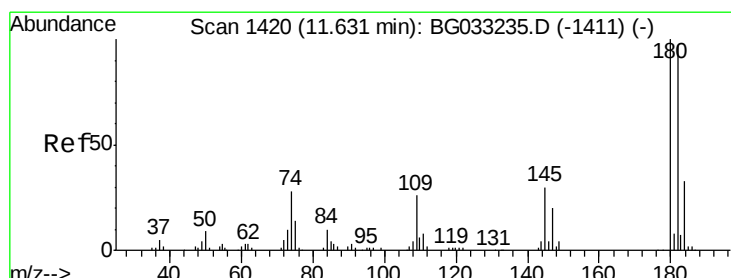
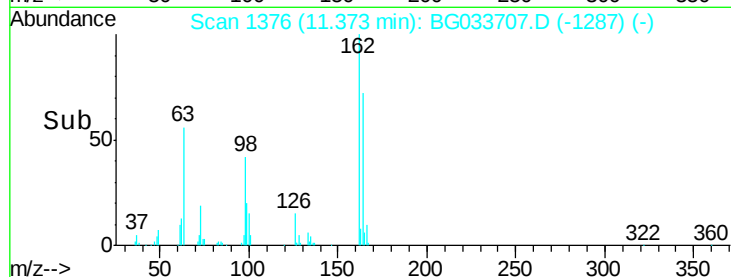
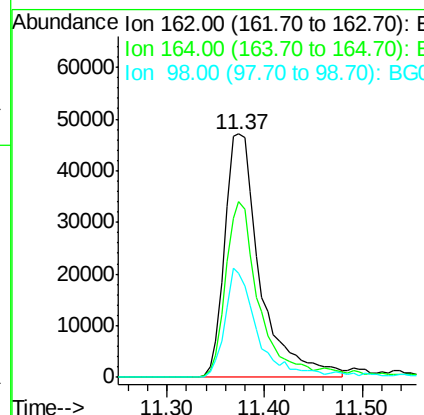
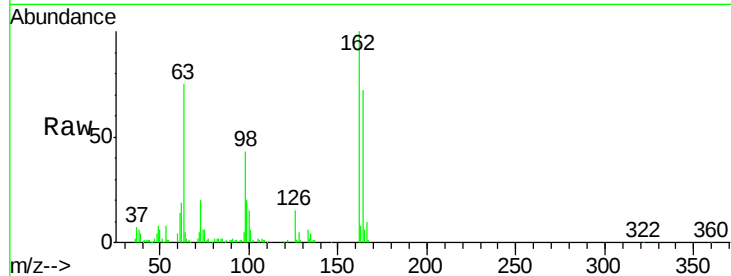
#29
 2,4-Dichlorophenol
 Concen: 47.961 ng
 RT: 11.37 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	72.0	48.0	88.0
98	42.8	21.1	61.1

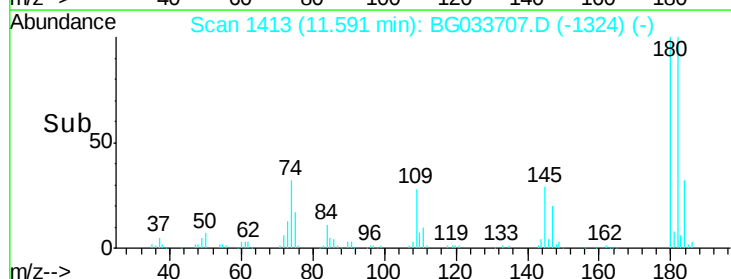
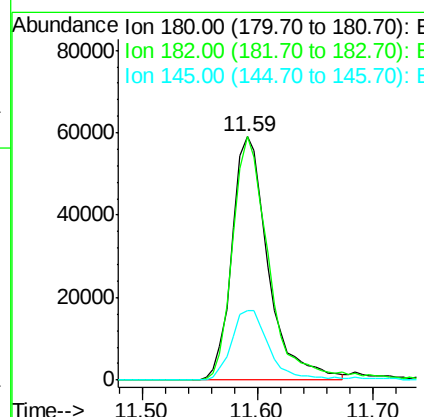
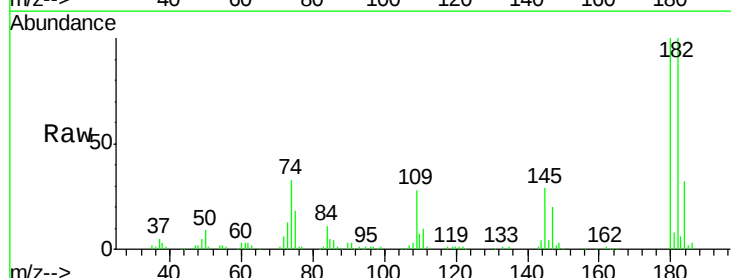
Manual Integrations
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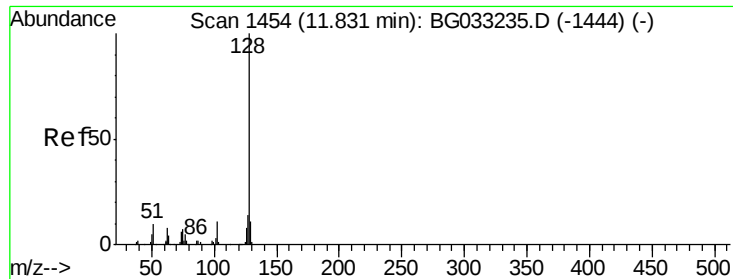
Sohil
 4/10/2018 3:37:01 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.869 ng
 RT: 11.59 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	100.0	77.5	116.3
145	28.7	23.4	35.2





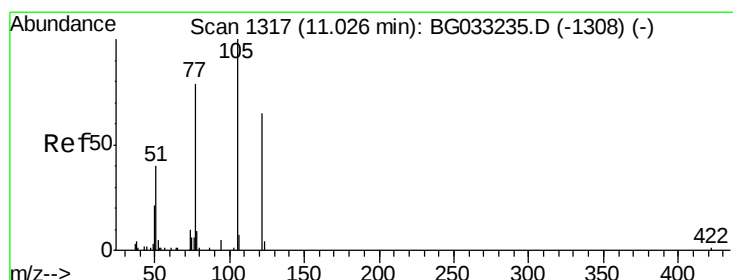
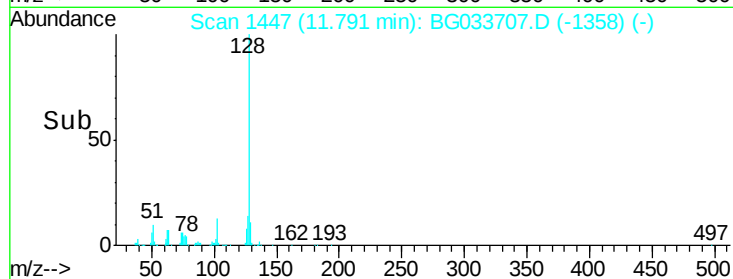
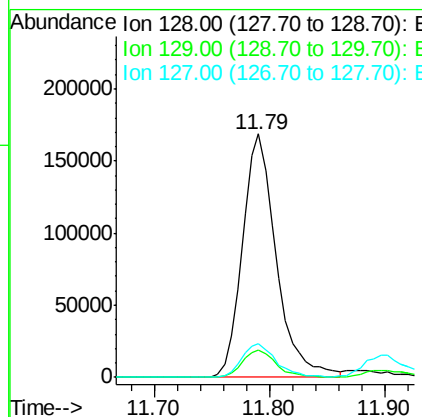
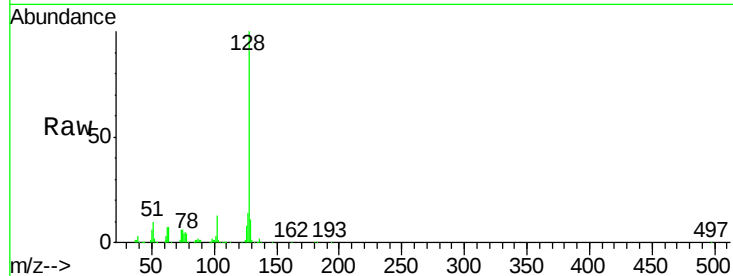
#31
Naphthalene
Concen: 42.267 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.6	12.8	
127	14.1	11.6	17.4	

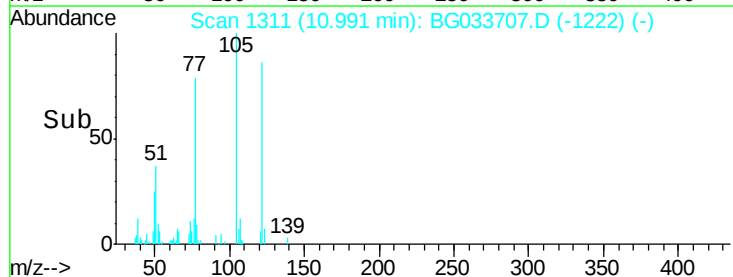
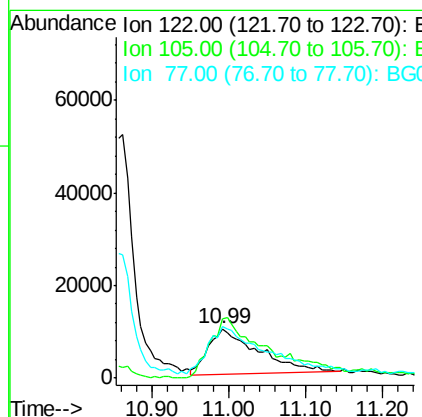
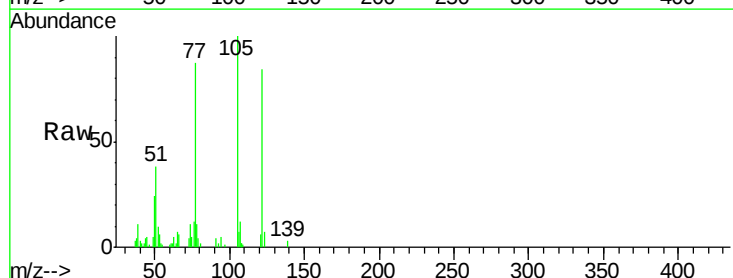
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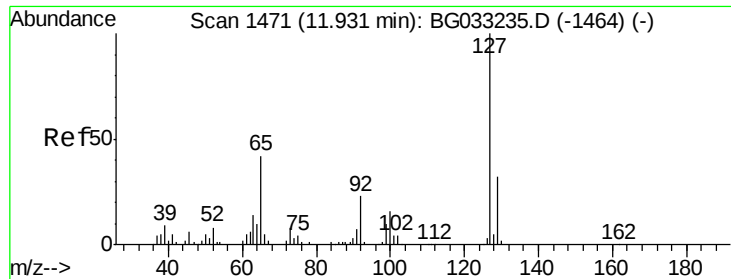
Sohil
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#32
Benzoic acid
Concen: 23.631 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	119.3	123.5	163.5#	
77	103.6	85.7	125.7	





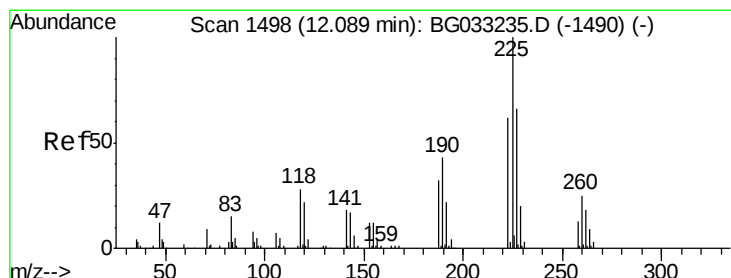
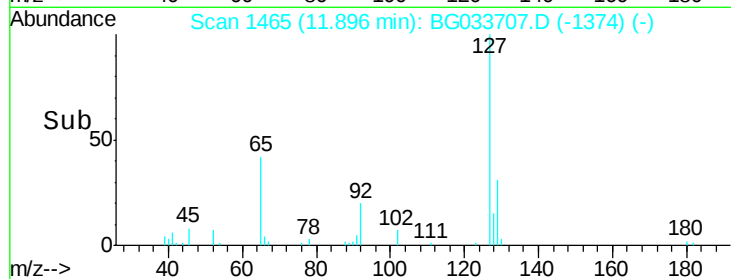
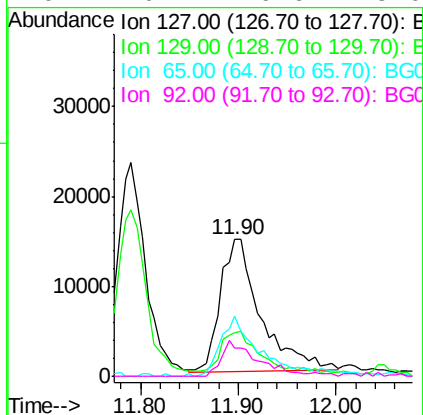
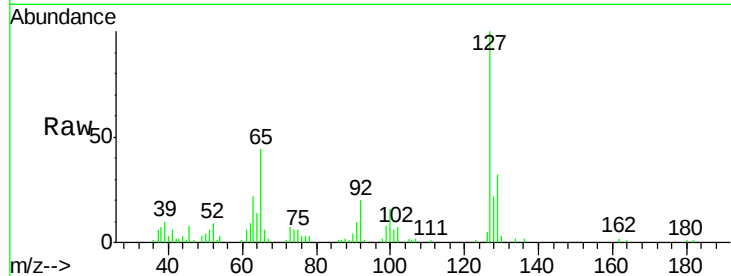
#33
4-Chloroaniline
Concen: 11.704 ng
RT: 11.90 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		42699		
129	31.7	24.0	36.0		
65	43.7	27.0	40.4		
92	20.2	16.6	25.0		

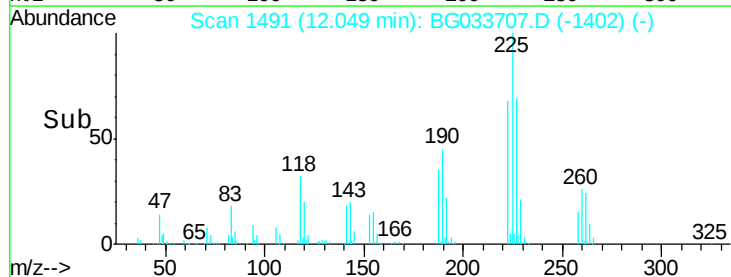
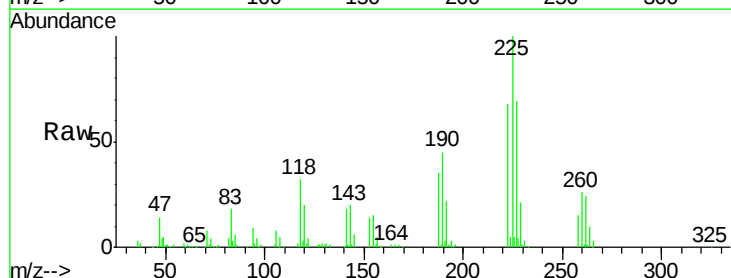
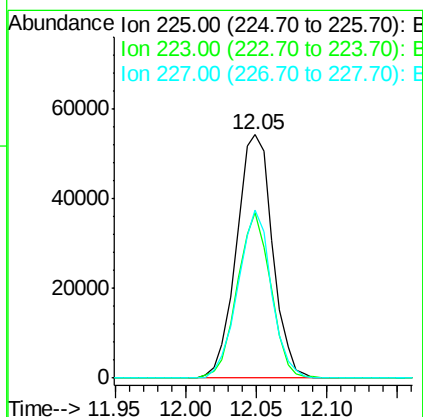
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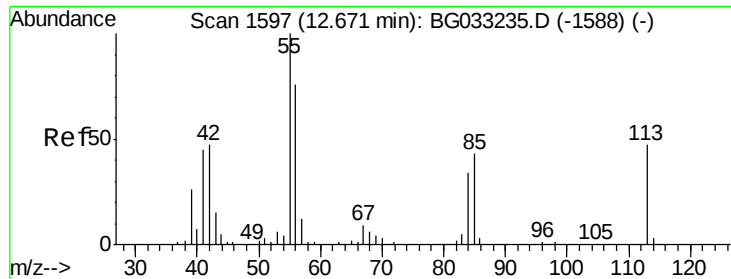
Sohil
4/10/2018 3:37:01 PM



#34
Hexachlorobutadiene
Concen: 39.749 ng
RT: 12.05 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		96702		
223	68.0	49.7	74.5		
227	69.2	48.1	72.1		





#35

Caprolactam

Concen: 46.866 ng

RT: 12.64 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Instrument :

BNA_G

ClientSampled :

PB108084BS

Tot Ion:113 Resp: 45462

Ion Ratio Lower Upper

113 100

55 208.5 186.9 226.9

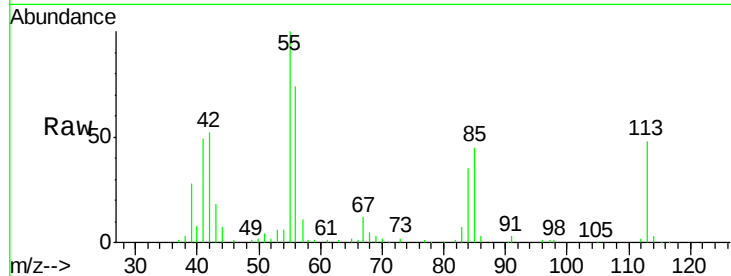
56 153.7 130.9 170.9

Manual Integrations

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Sohil

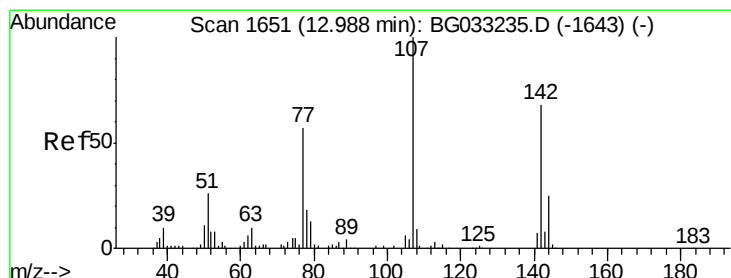
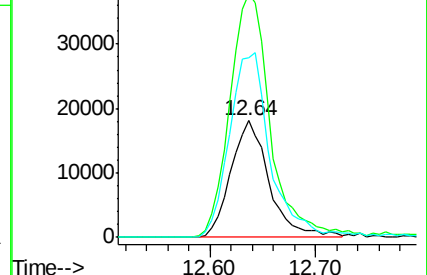
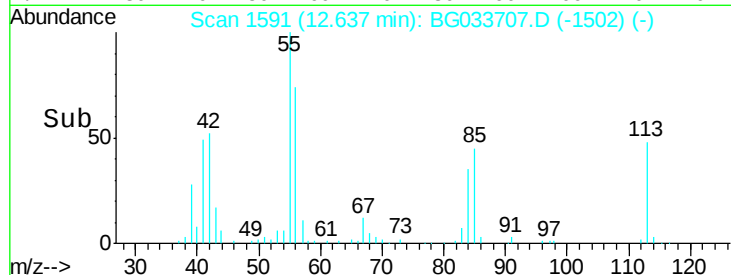
4/10/2018 3:37:01 PM



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: 47.360 ng

RT: 12.96 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

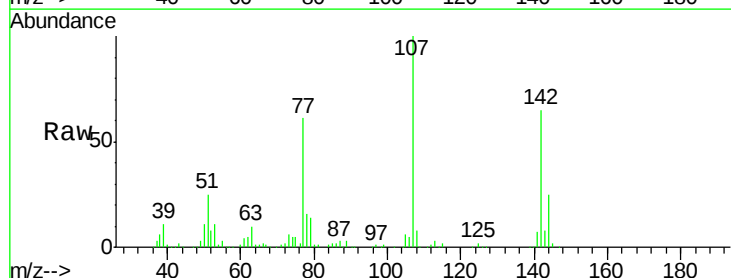
Tgt Ion:107 Resp: 152948

Ion Ratio Lower Upper

107 100

144 24.6 18.2 27.4

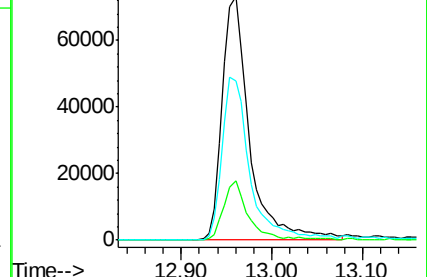
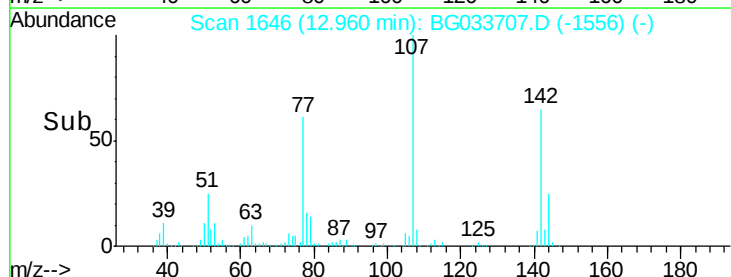
142 65.4 59.0 88.4

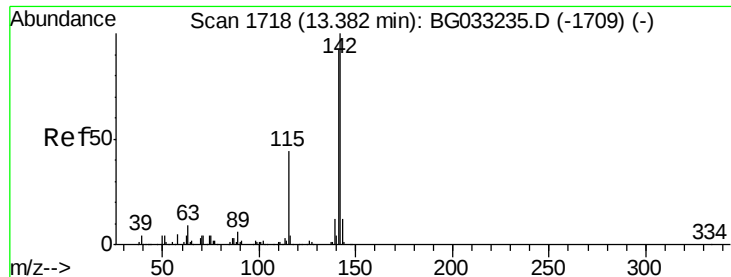


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





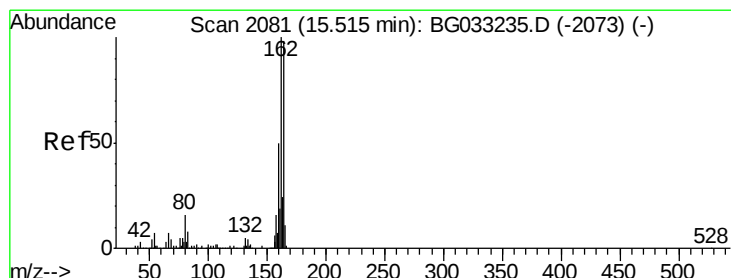
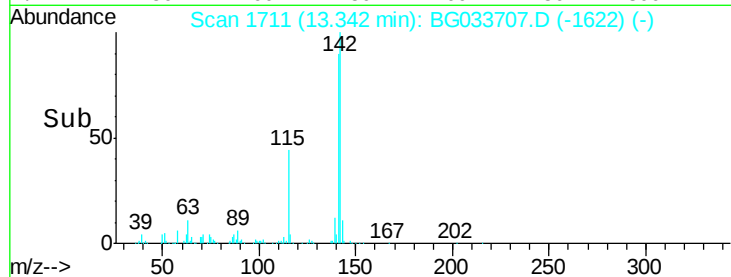
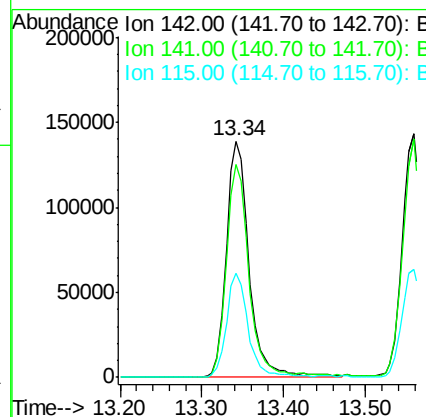
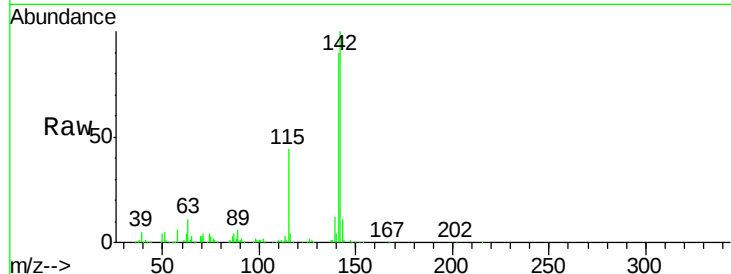
#37
2-Methylnaphthalene
Concen: 42.649 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	269551		
141	90.3	67.1	100.7	
115	44.0	30.7	46.1	

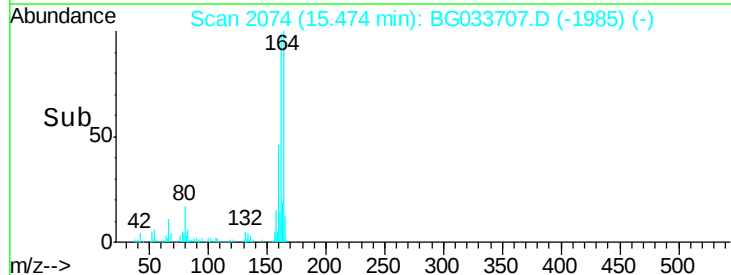
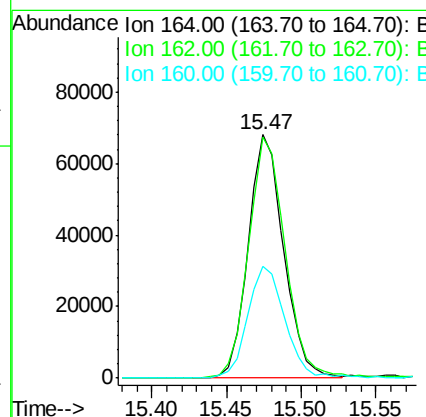
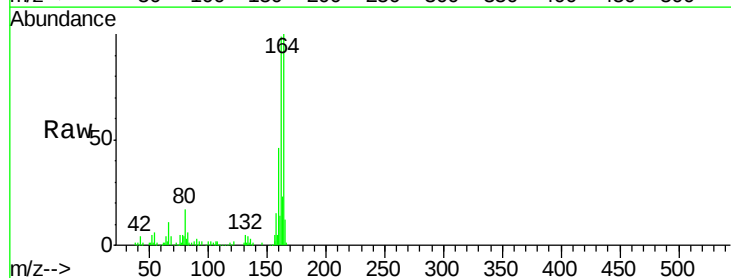
Manual Integrations
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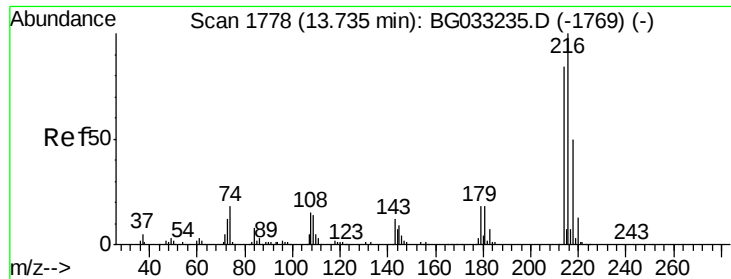
Sohil
4/10/2018 3:37:01 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	111404		
162	98.9	78.8	118.2	
160	45.7	35.4	53.0	





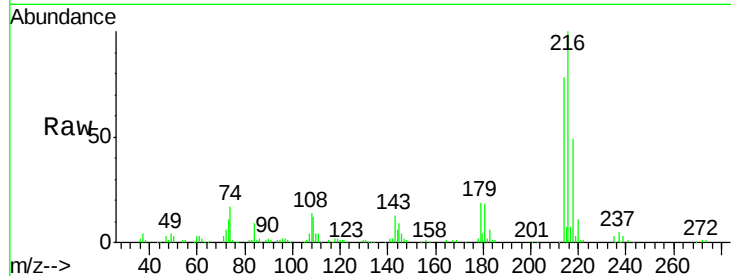
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.955 ng
 RT: 13.69 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

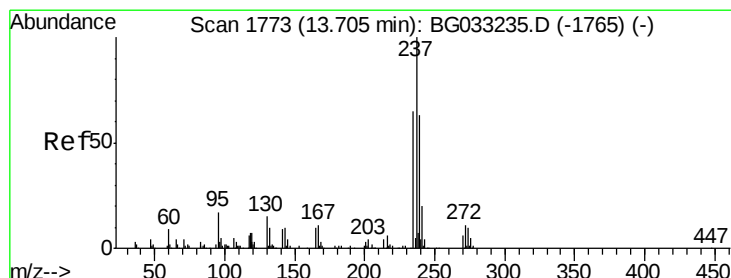
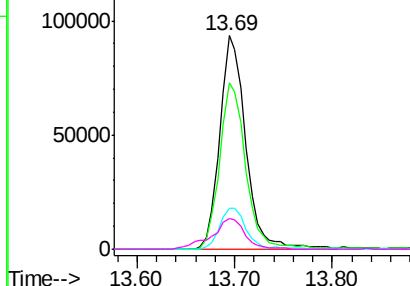
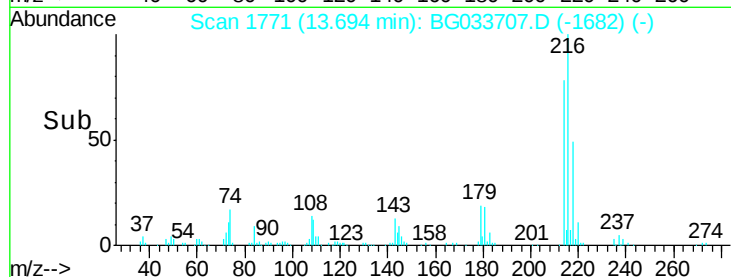
Tot Ion:	216	Resp:	173338
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.0	94.4
179	18.9	17.0	25.6
108	18.0	12.8	19.2

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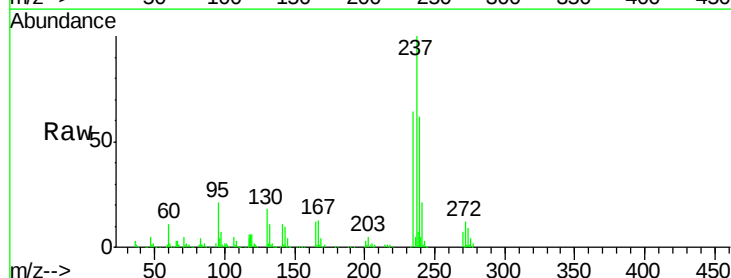


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

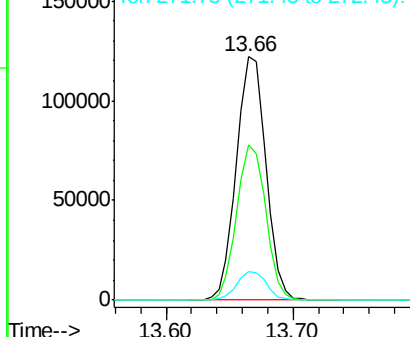
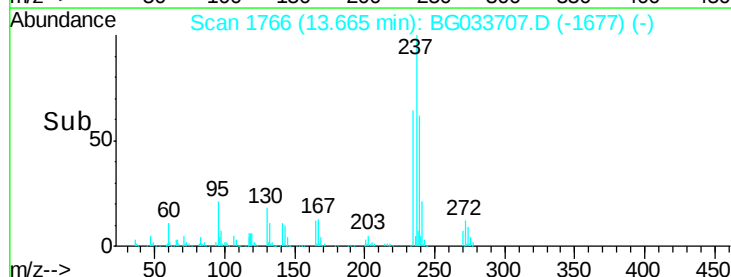


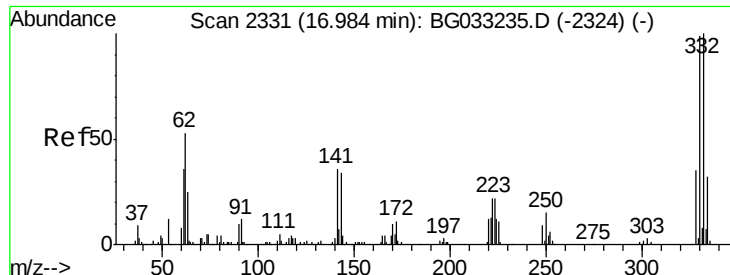
#40
 Hexachlorocyclopentadiene
 Concen: 83.453 ng
 RT: 13.66 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion:	237	Resp:	197417
Ion Ratio		Lower	Upper
237	100		
235	63.6	50.4	90.4
272	11.9	0.0	31.8



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





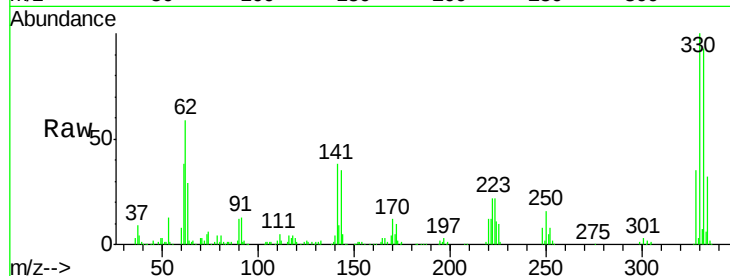
#41
 2,4,6-Tribromophenol
 Concen: 132.008 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

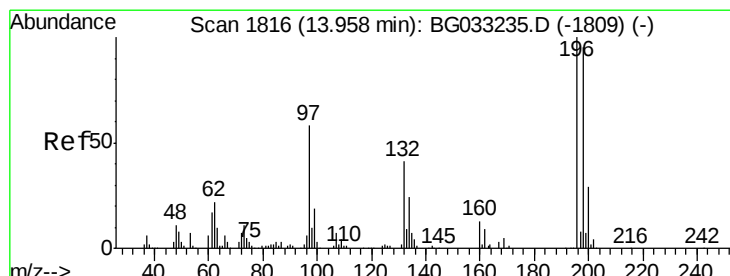
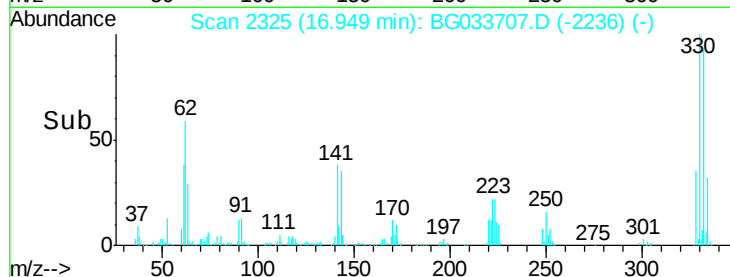
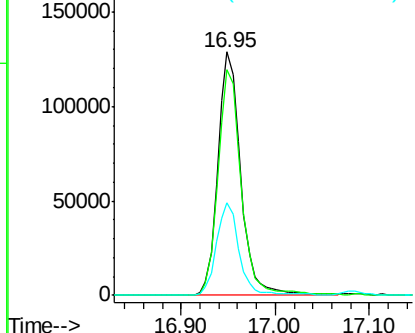
Tot Ion	Ratio	Resp	Lower	Upper
330	100	219948		
332	94.2	77.0	115.6	
141	37.8	25.2	37.8	

Manual Integrations
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 4/10/2018 3:37:01 PM

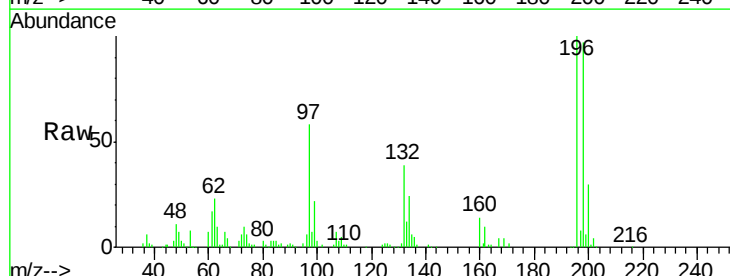


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

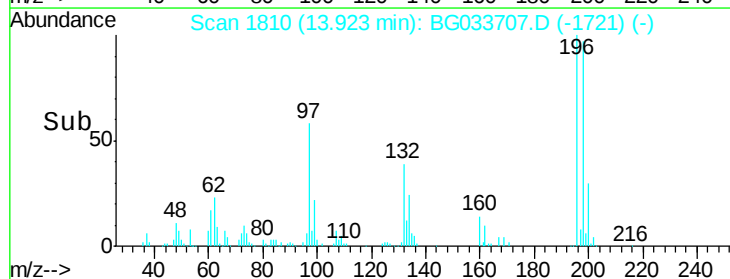
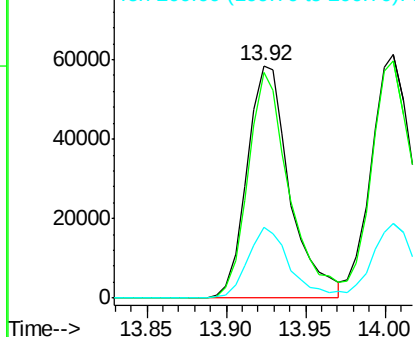


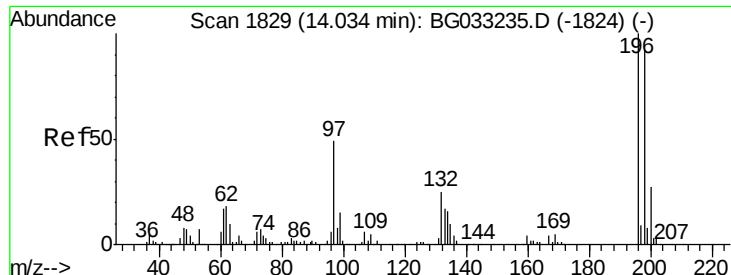
#42
 2,4,6-Trichlorophenol
 Concen: 46.764 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109641		
198	96.9	78.2	117.2	
200	30.2	24.6	36.8	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





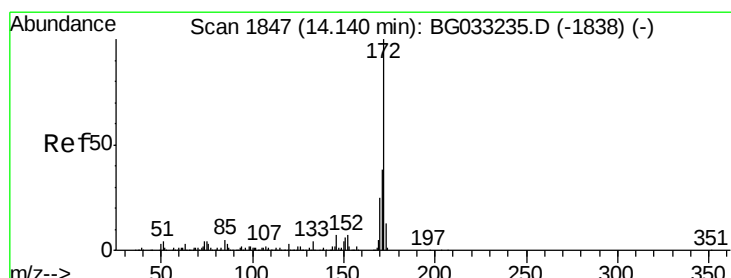
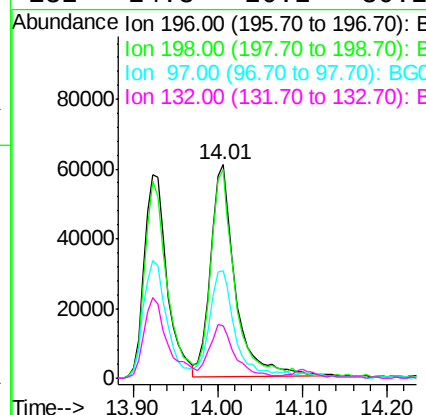
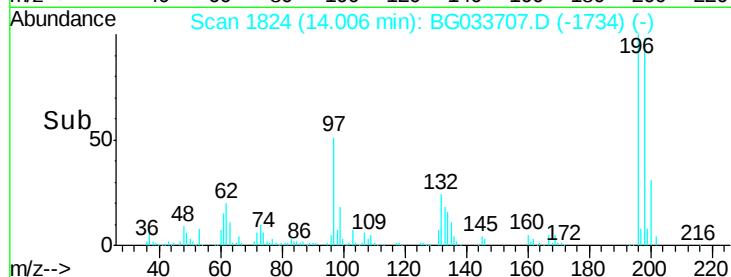
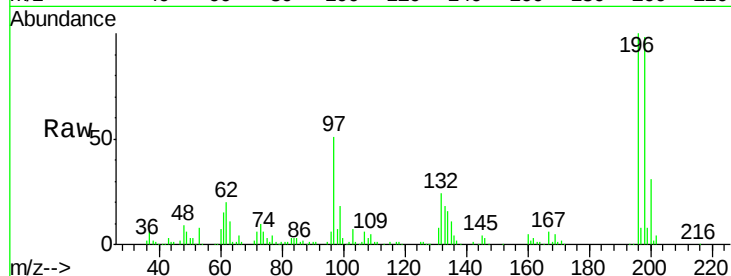
#43
 2,4,5-Trichlorophenol
 Concen: 45.342 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		125655		
198	97.6	76.2	114.4		
97	50.5	38.7	58.1		
132	24.3	20.2	30.2		

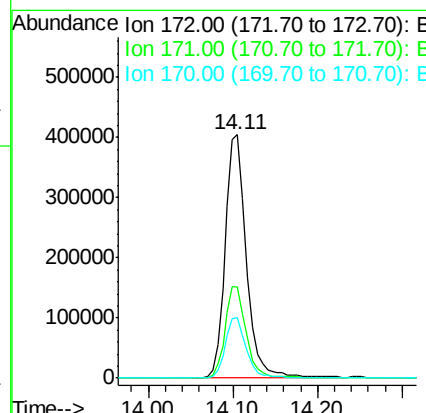
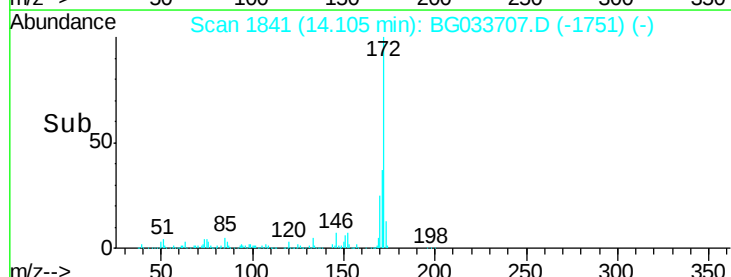
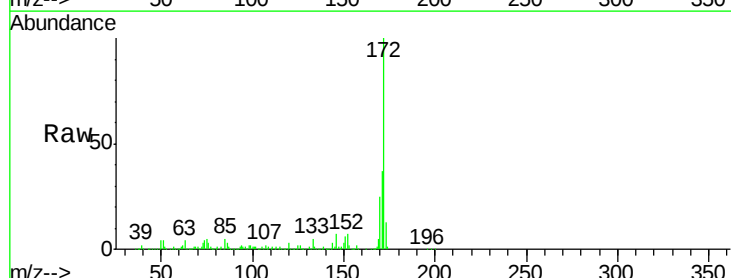
Manual Integrations
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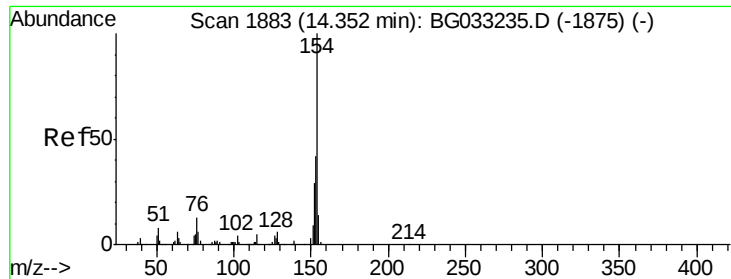
Sohil
 4/10/2018 3:37:01 PM



#44
 2-Fluorobiphenyl
 Concen: 91.599 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		706861		
171	37.5	30.0	45.0		
170	24.6	19.5	29.3		





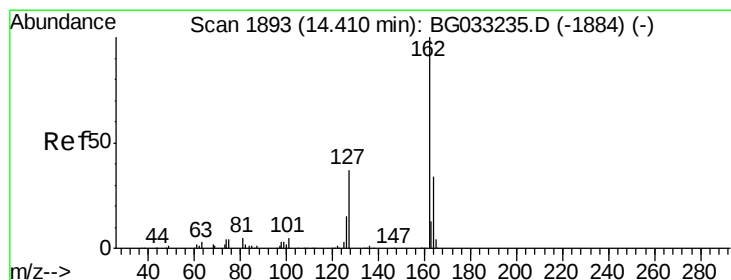
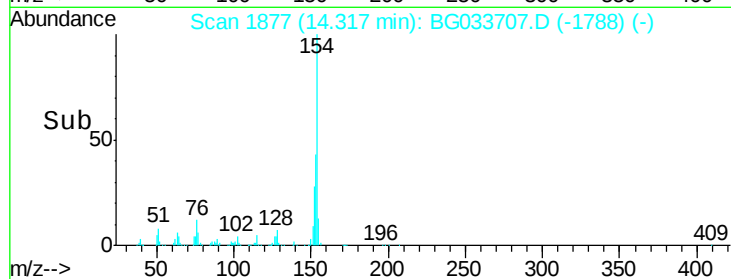
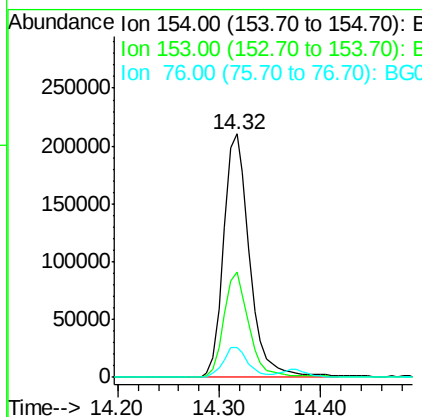
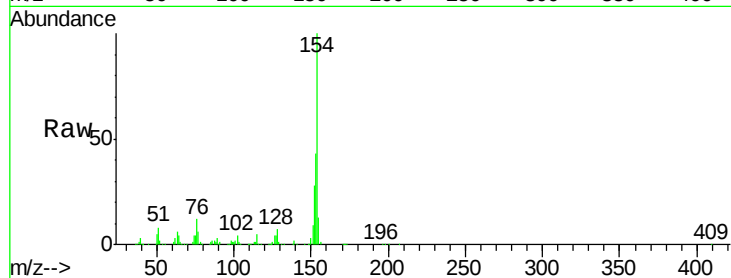
#45
 1,1'-Biphenyl
 Concen: 43.833 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampled :
 PB108084BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.3	19.8	59.8
76	12.2	0.0	31.9

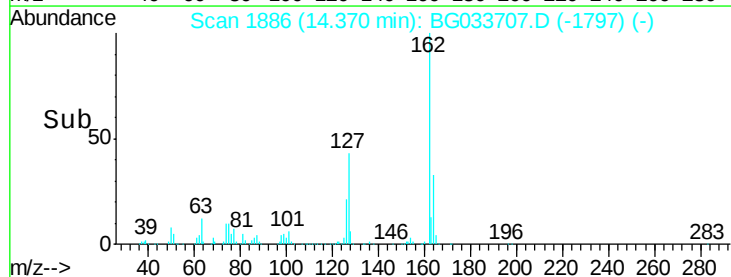
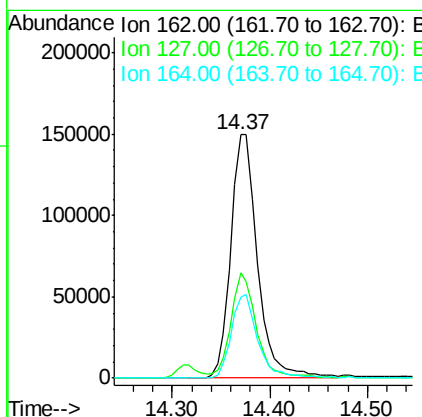
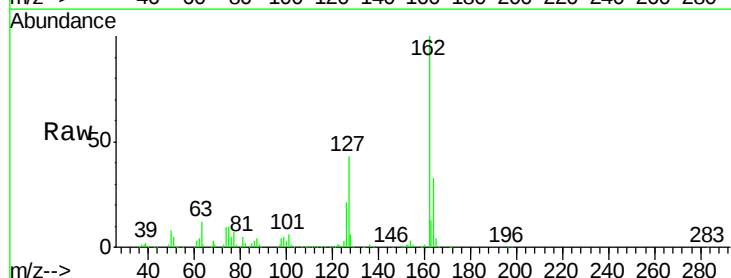
Manual Integrations
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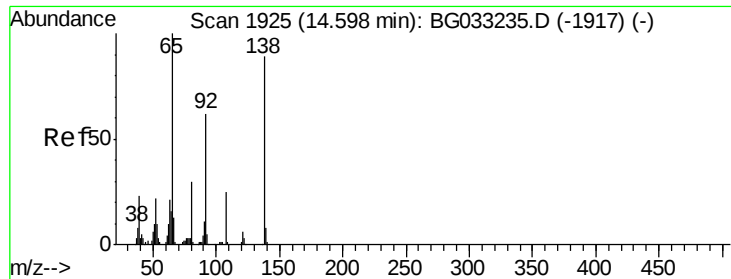
Sohil
 4/10/2018 3:37:01 PM



#46
 2-Chloronaphthalene
 Concen: 43.331 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.0	30.7	46.1
164	33.1	26.0	39.0





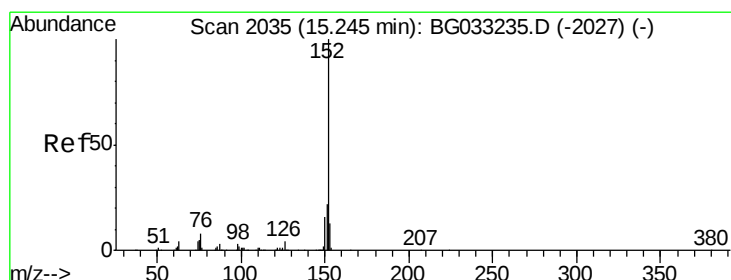
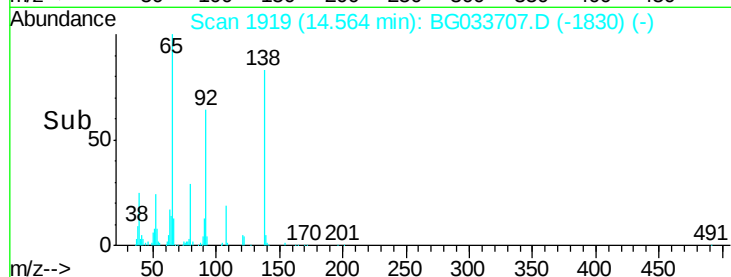
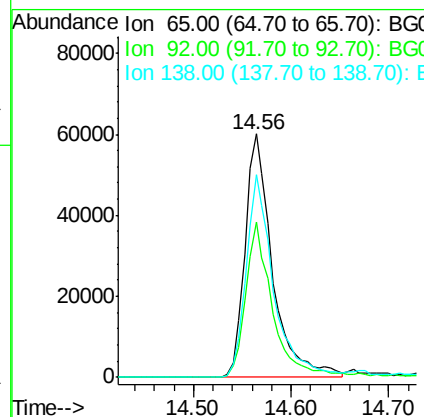
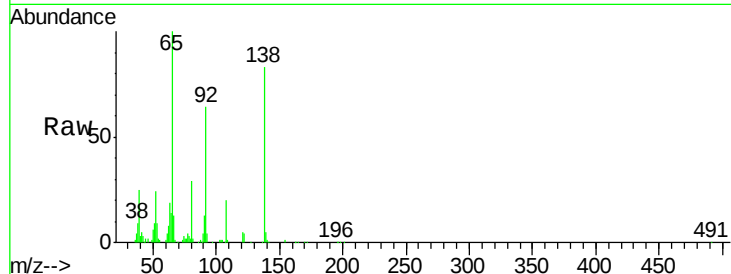
#47
2-Nitroaniline
Concen: 47.660 ng
RT: 14.56 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	54.6	82.0
138	83.4	72.9	109.3

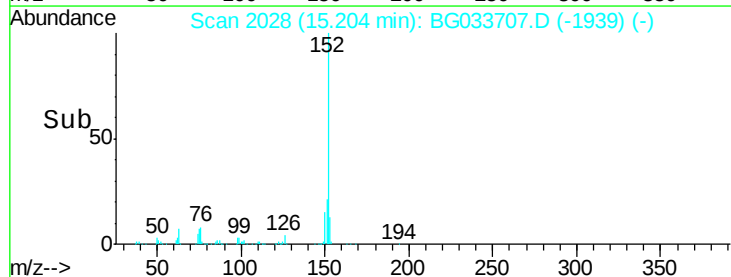
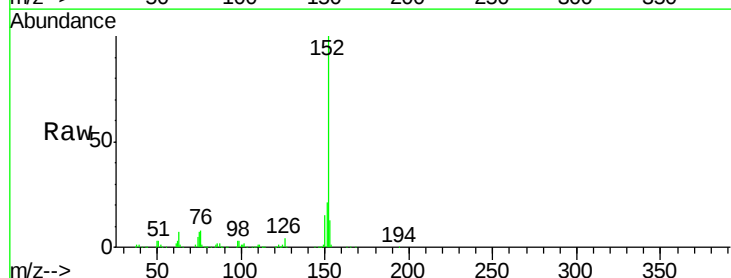
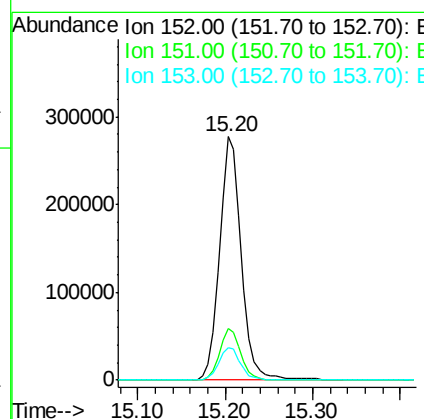
Manual Integrations
APPROVED

Sohil
4/10/2018 3:37:01 PM



#48
Acenaphthylene
Concen: 43.017 ng
RT: 15.20 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.5	10.2	15.4





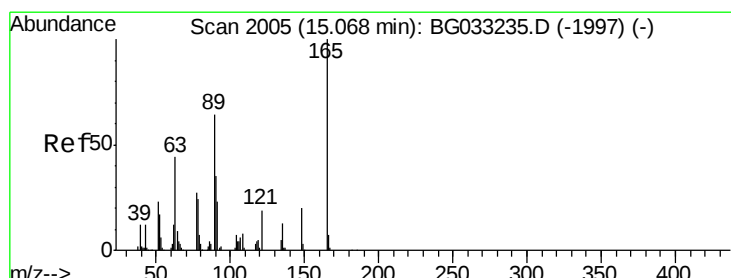
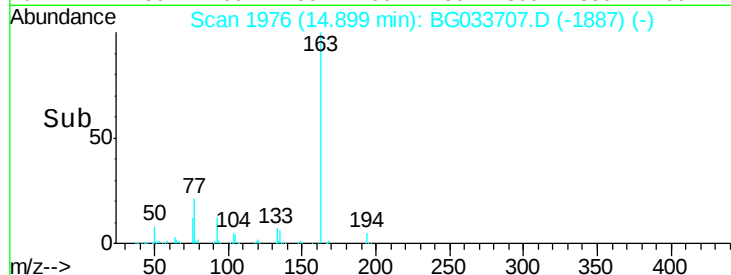
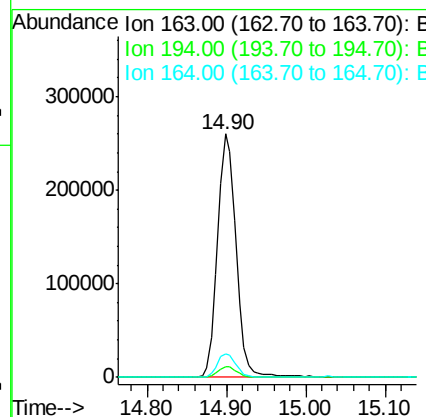
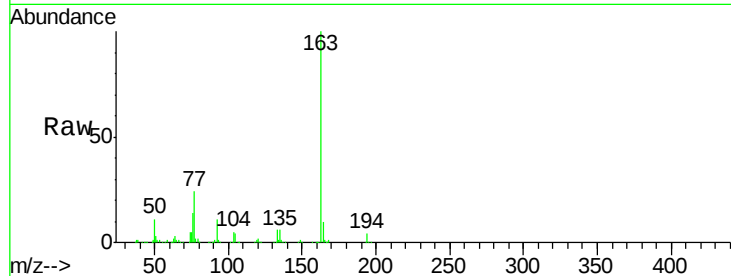
#49
Dimethylphthalate
Concen: 43.682 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	423501		
194	4.5	3.4	5.2	
164	9.7	8.2	12.4	

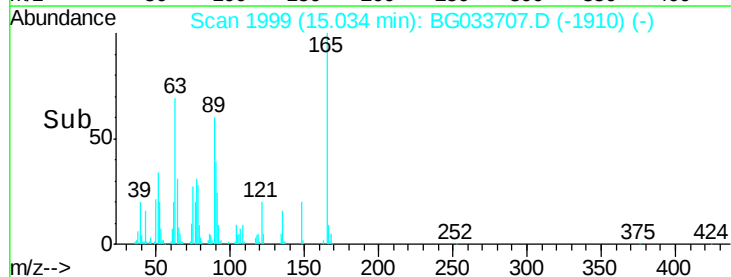
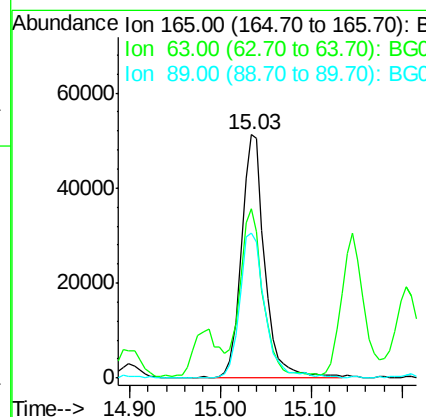
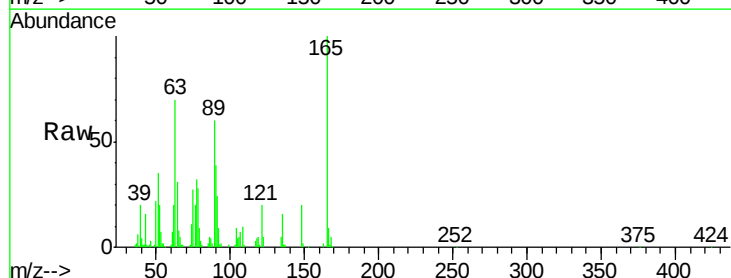
Manual Integrations
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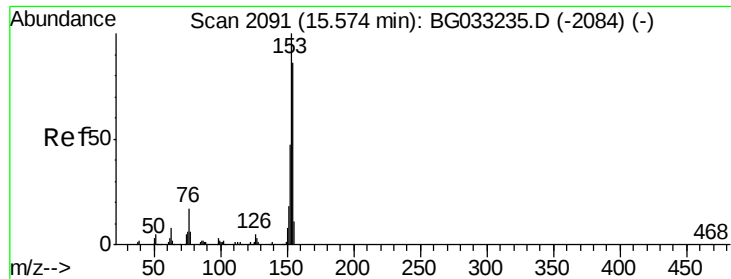
Sohil
4/10/2018 3:37:01 PM



#50
2,6-Dinitrotoluene
Concen: 46.391 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	91965		
63	69.6	52.7	79.1	
89	59.5	49.2	73.8	





#51

Acenaphthene

Concen: 43.626 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Instrument :

BNA_G

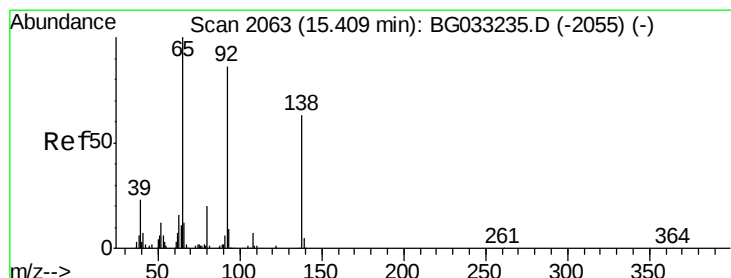
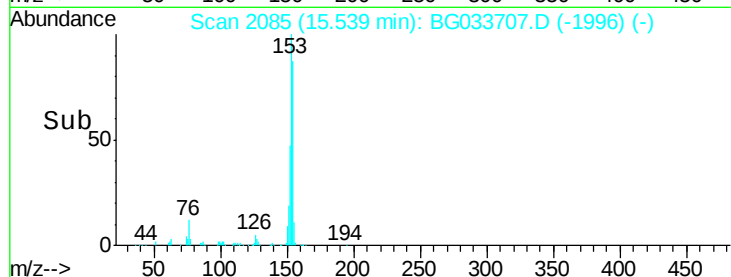
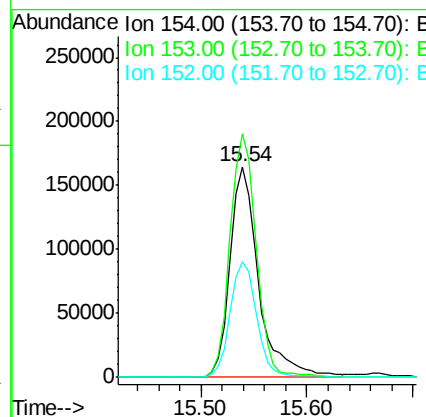
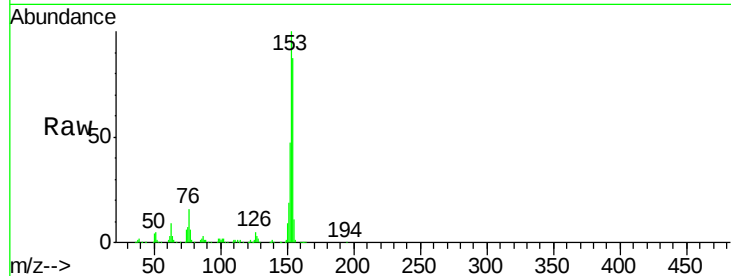
ClientSampleId :

PB108084BS

Tot Ion:	154	Resp:	309794
Ion Ratio	Lower	Upper	
154	100		
153	115.5	90.4	135.6
152	54.7	41.6	62.4

Manual Integrations
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Sohil
4/10/2018 3:37:01 PM



#52

3-Nitroaniline

Concen: 19.754 ng

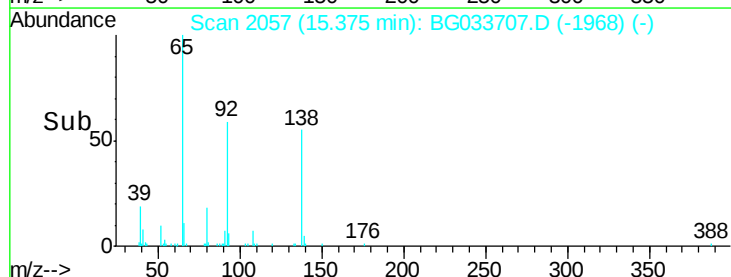
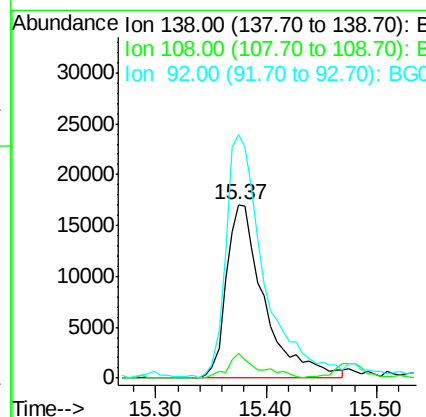
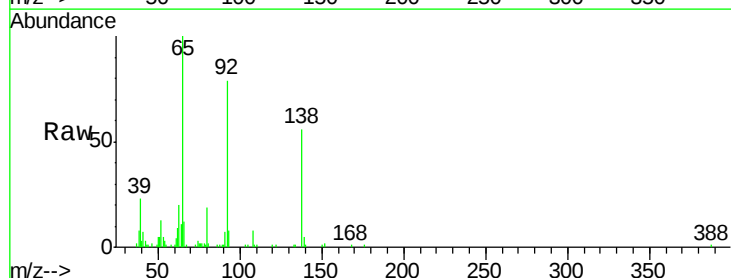
RT: 15.37 min Scan# 2057

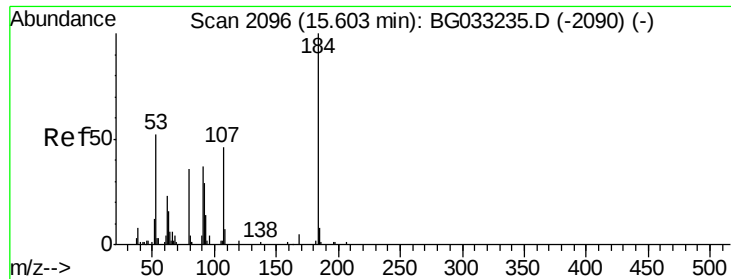
Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Tgt Ion:	138	Resp:	41056
Ion Ratio	Lower	Upper	
138	100		
108	14.0	17.5	26.3#
92	140.3	105.8	158.8





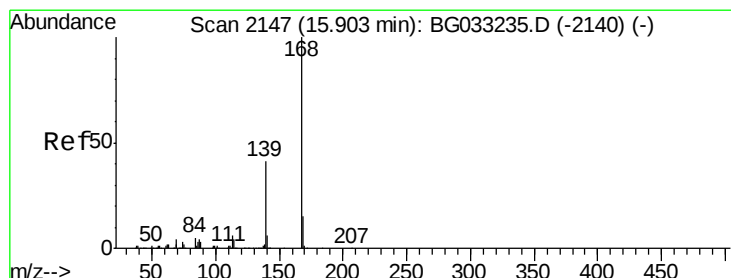
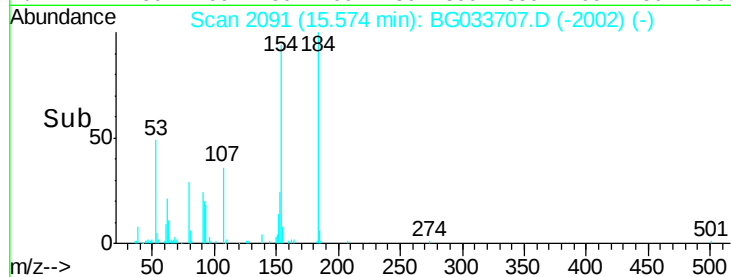
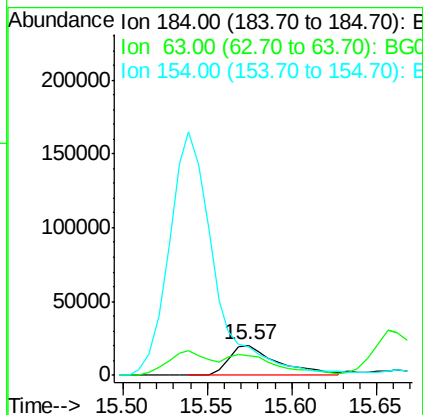
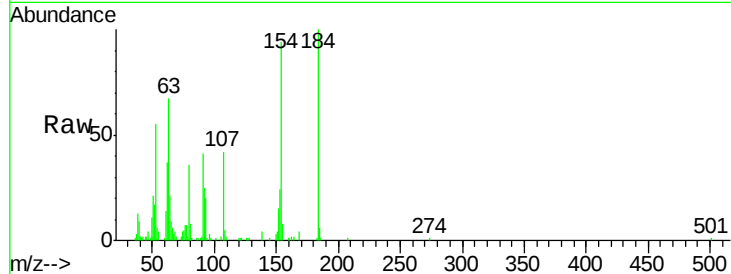
#53
2,4-Dinitrophenol
Concen: 43.607 ng
RT: 15.57 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	40821		
63	66.7	59.8	89.8	
154	94.2	101.8	152.8	

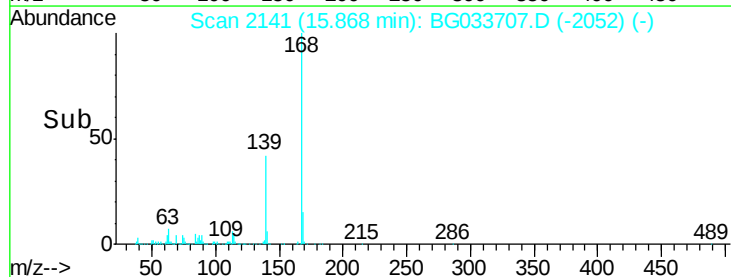
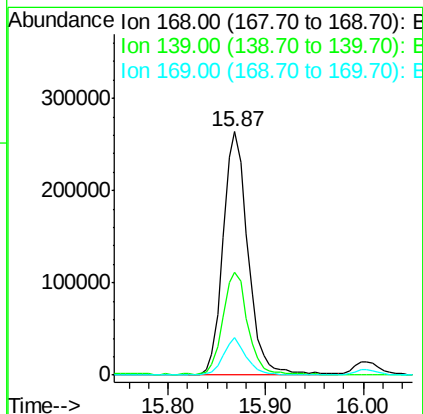
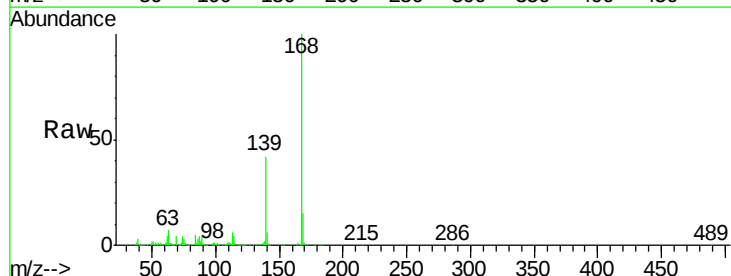
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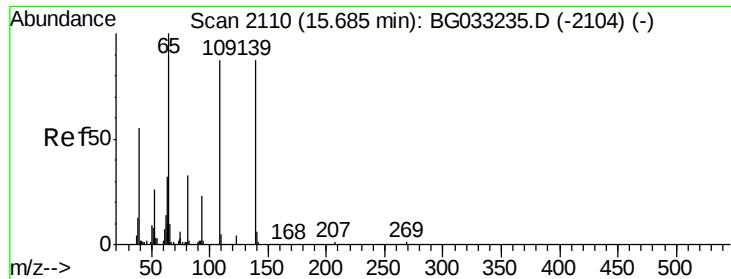
Sohil
4/10/2018 3:37:01 PM



#54
Dibenzofuran
Concen: 44.602 ng
RT: 15.87 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	467837		
139	42.3	28.6	43.0	
169	15.2	11.2	16.8	





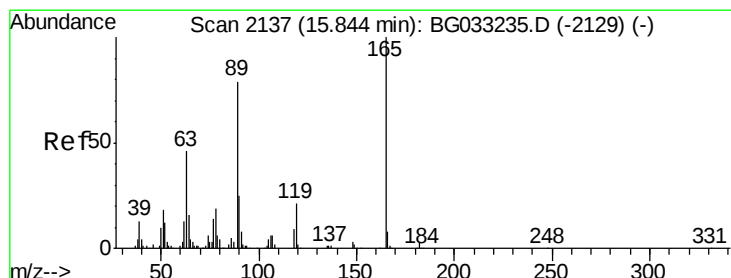
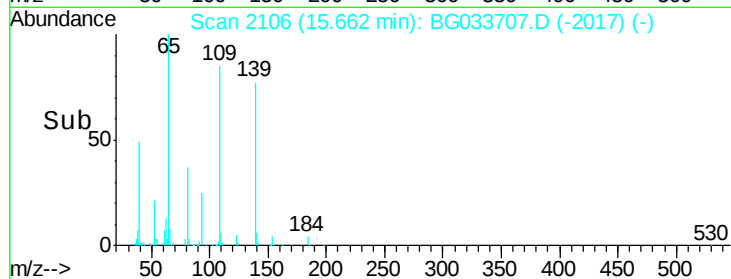
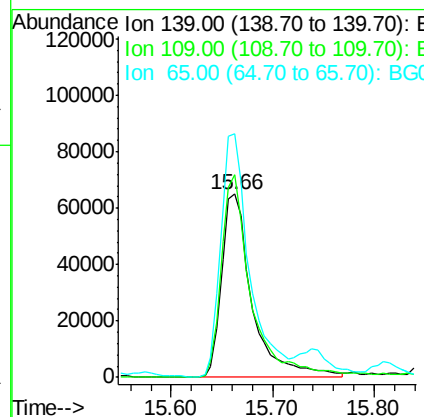
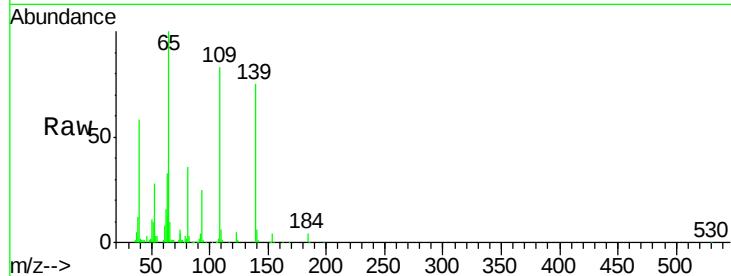
#55
4-Nitrophenol
Concen: 93.352 ng
RT: 15.66 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	110.3	62.2	102.2#	
65	132.7	97.2	137.2	

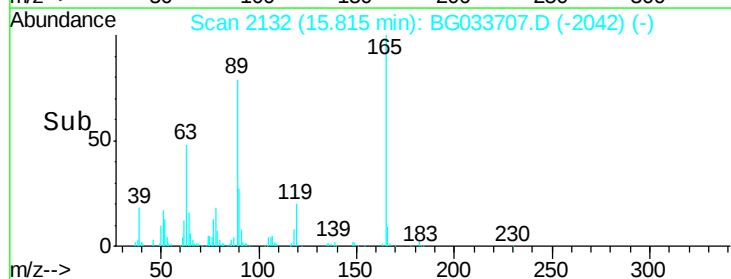
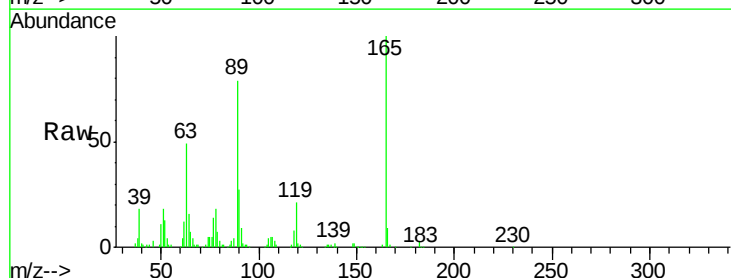
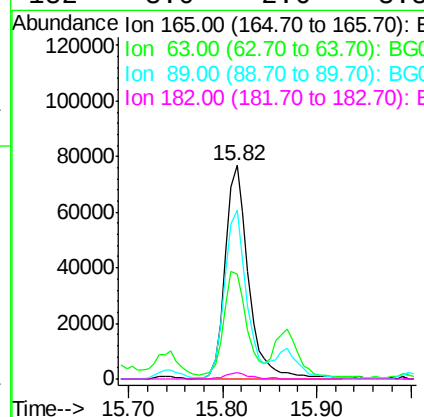
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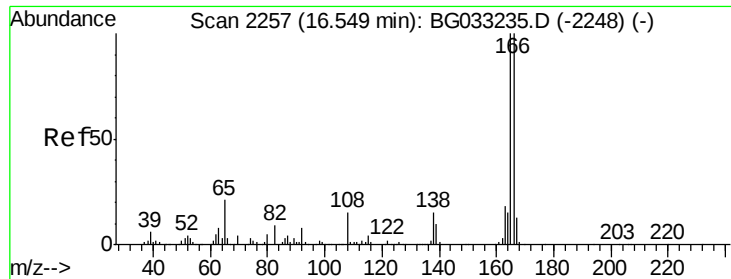
Sohil
4/10/2018 3:37:01 PM



#56
2,4-Dinitrotoluene
Concen: 45.930 ng
RT: 15.82 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.0	42.0	63.0	
89	78.9	66.9	100.3	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 43.794 ng

RT: 16.51 min Scan# 2250

Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Instrument :

BNA_G

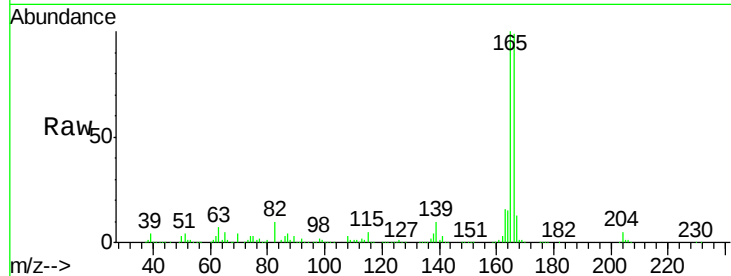
ClientSampleId :

PB108084BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.6	121.0
167	13.5	10.4	15.6

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4/10/2018 3:37:01 PM

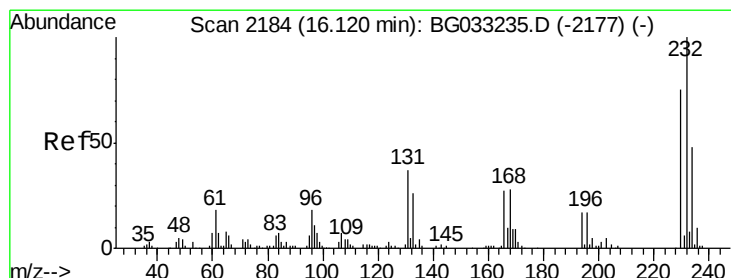
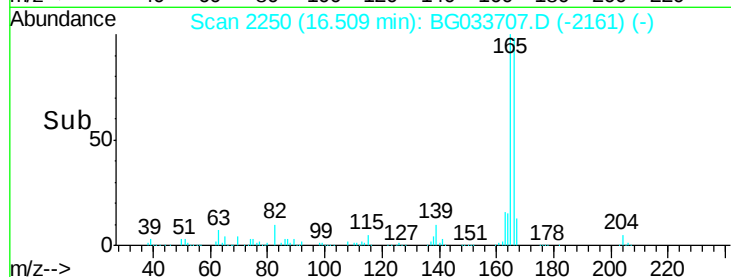
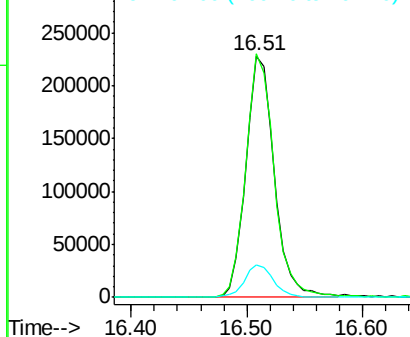


Abundance

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: 47.785 ng

RT: 16.08 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.5	50.3
130	2.7	2.2	3.2
166	28.9	24.8	37.2

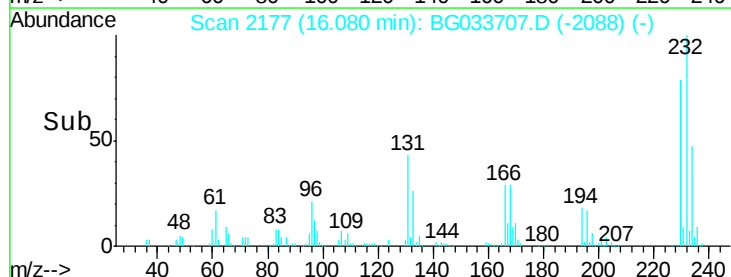
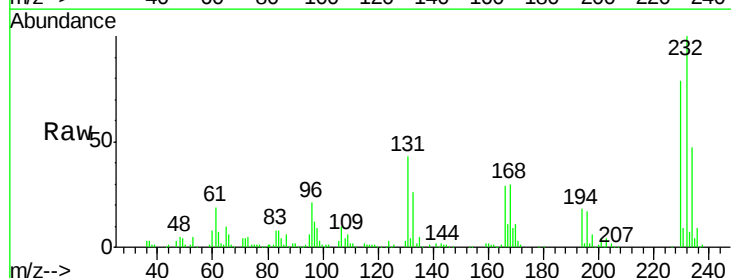
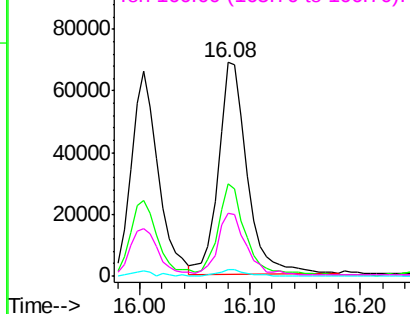
Abundance

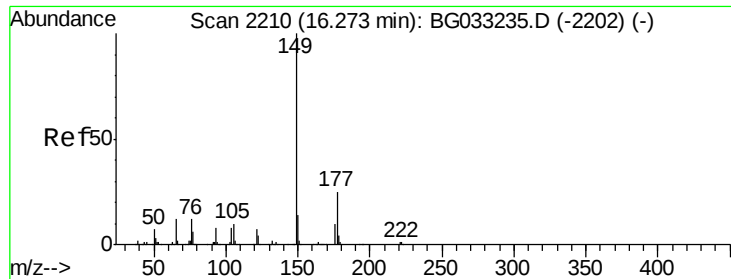
Ion 232.00 (231.70 to 232.70): E

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





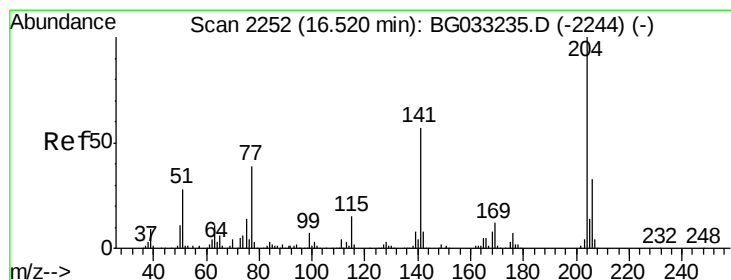
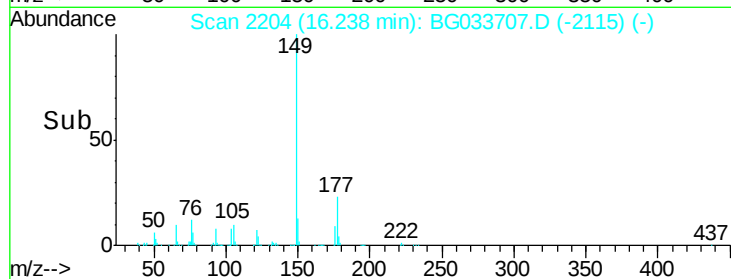
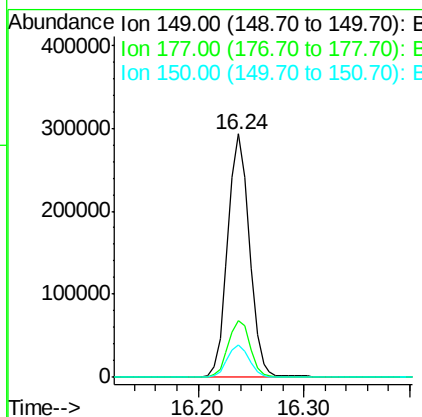
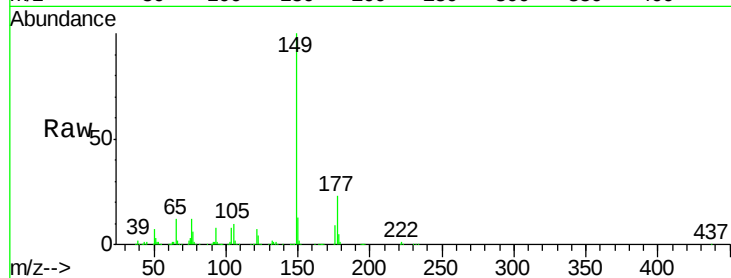
#59
Diethylphthalate
Concen: 44.537 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	419279		
177	23.5		18.5	27.7
150	13.3		10.2	15.2

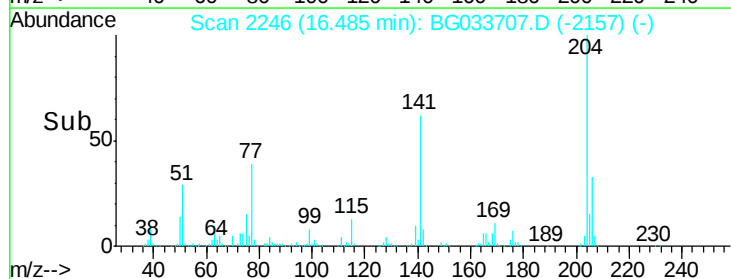
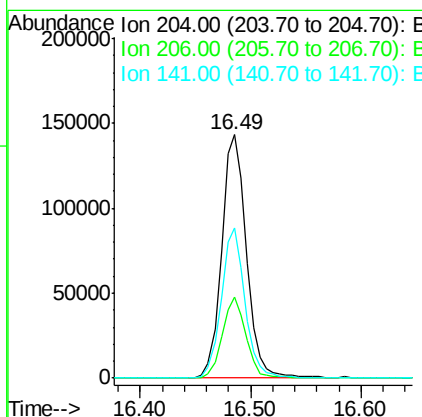
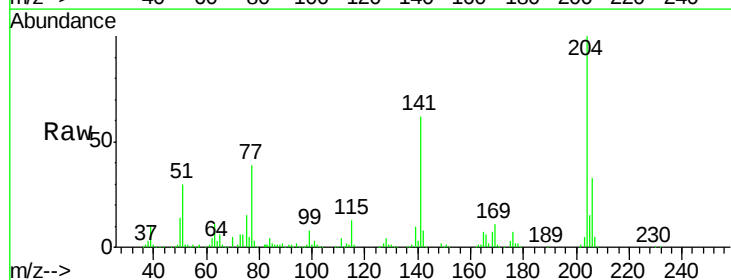
Manual Integrations
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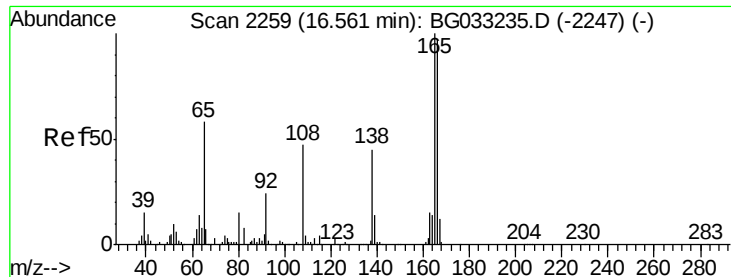
Sohil
4/10/2018 3:37:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.707 ng
RT: 16.49 min Scan# 2246
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	224517		
206	33.1		26.2	39.2
141	61.7		45.8	68.6





#61

4-Nitroaniline

Concen: 43.259 ng

RT: 16.53 min Scan# 2253

Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Instrument :

BNA_G

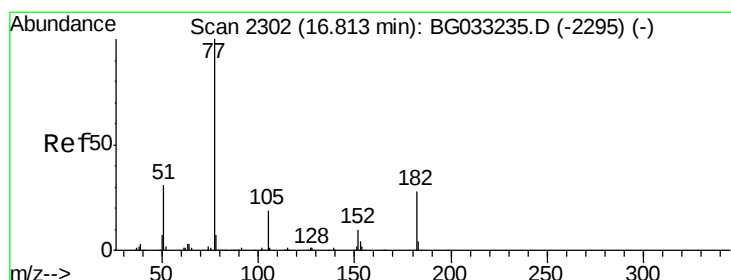
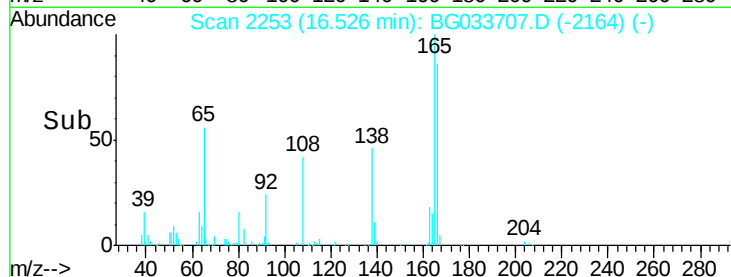
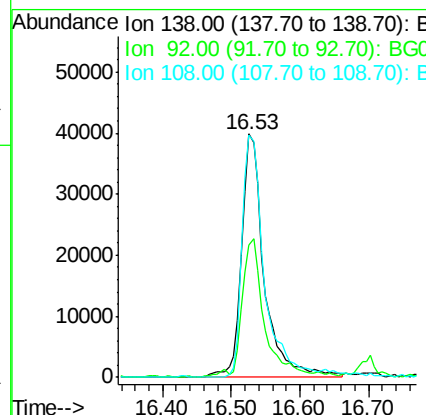
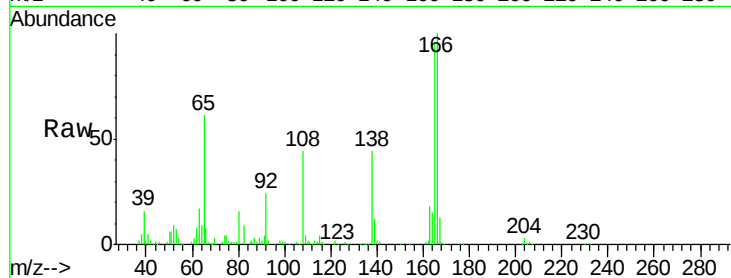
ClientSampled :

PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	91046		
92	54.2	40.1	80.1	
108	99.3	65.4	105.4	

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4/10/2018 3:37:01 PM



#62

Azobenzene

Concen: 46.489 ng

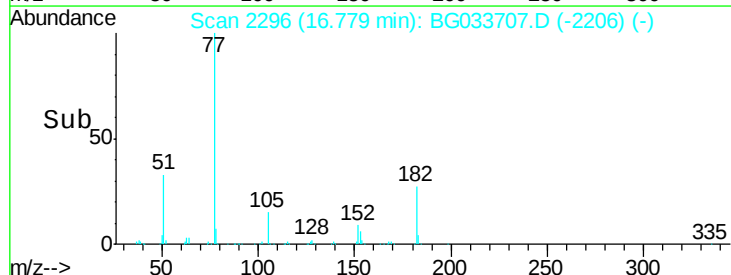
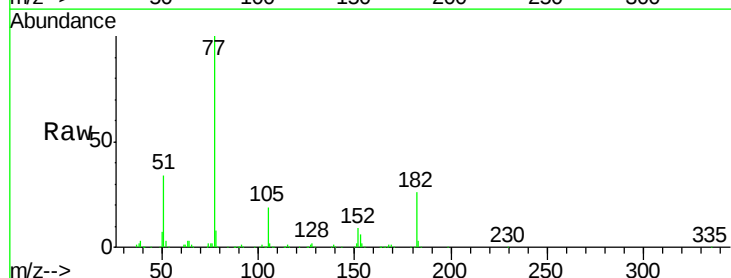
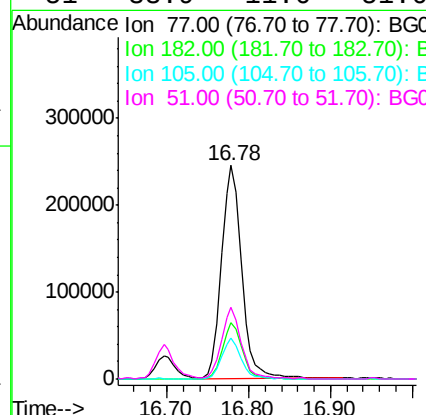
RT: 16.78 min Scan# 2296

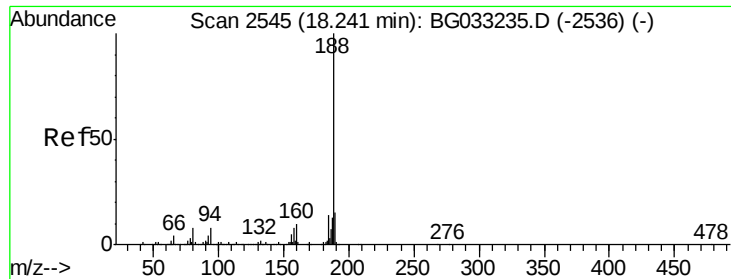
Delta R.T. 0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	423955		
182	26.4	7.4	47.4	
105	19.1	0.3	40.3	
51	33.9	11.6	51.6	





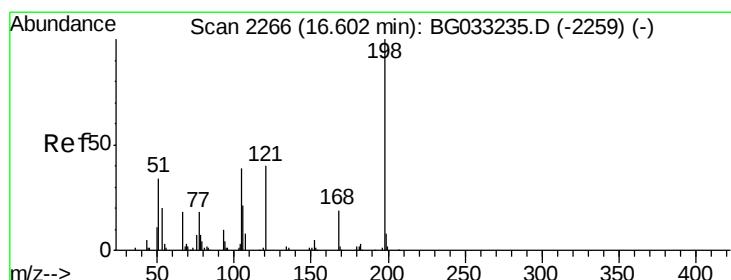
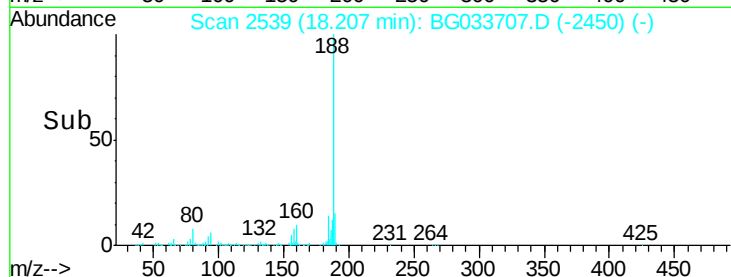
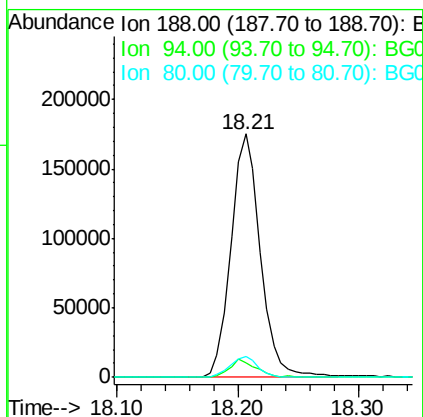
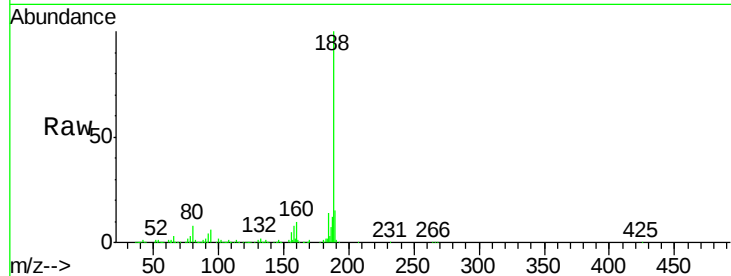
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	8.5	7.7	11.5

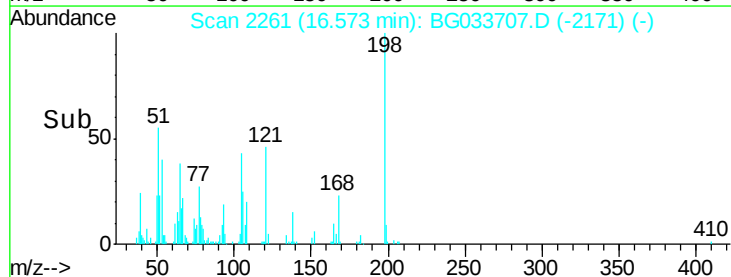
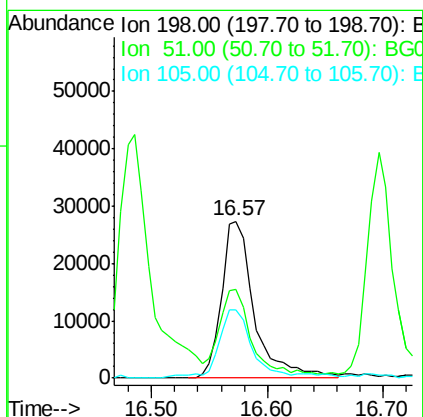
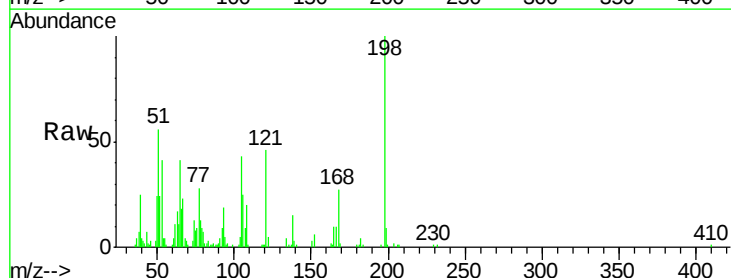
Manual Integrations
APPROVED

Sohil
4/10/2018 3:37:01 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 30.341 ng
RT: 16.57 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	56.4	30.6	70.6
105	43.3	23.8	63.8





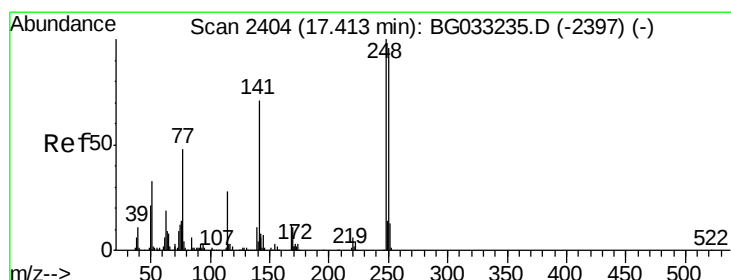
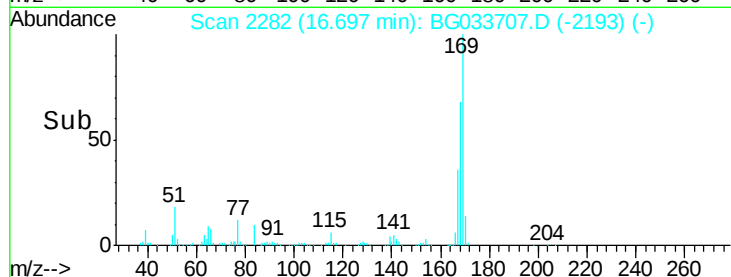
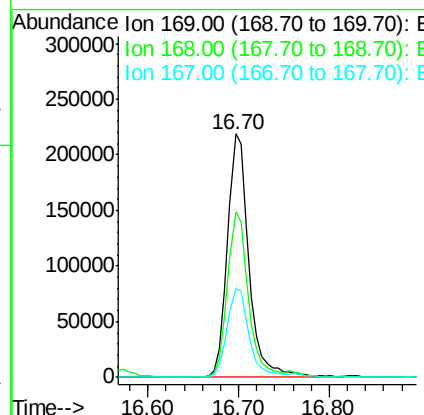
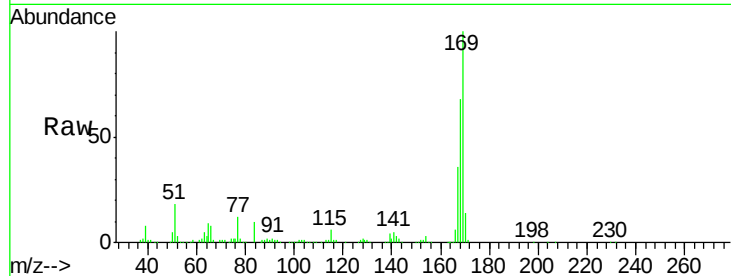
#65
 n-Nitrosodiphenylamine
 Concen: 42.476 ng
 RT: 16.70 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		359180		
168	68.2	55.7		83.5	
167	36.4	30.1		45.1	

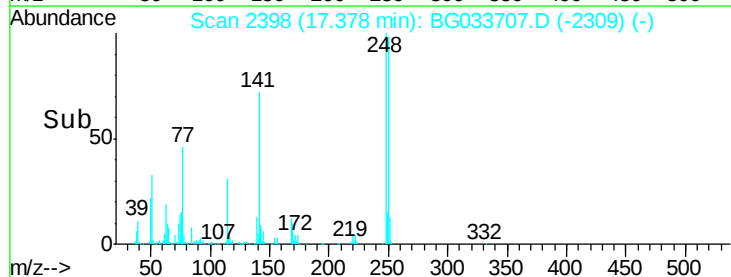
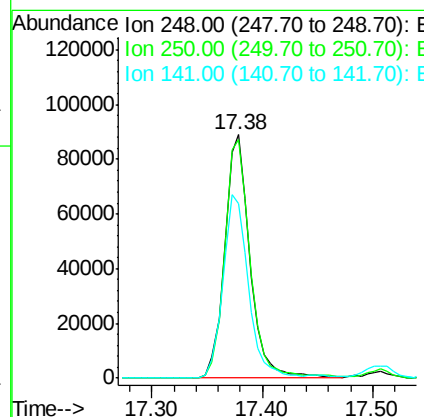
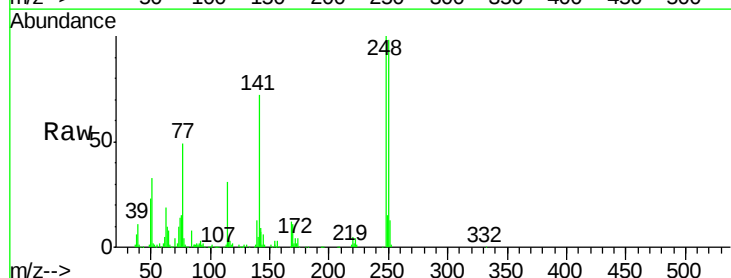
Manual Integrations
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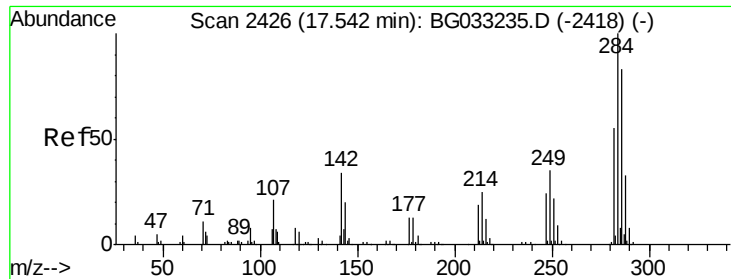
Sohil
 4/10/2018 3:37:01 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.895 ng
 RT: 17.38 min Scan# 2398
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		142256		
250	98.1	77.1		115.7	
141	71.7	50.8		76.2	





#67

Hexachlorobenzene

Concen: 41.303 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Instrument :

BNA_G

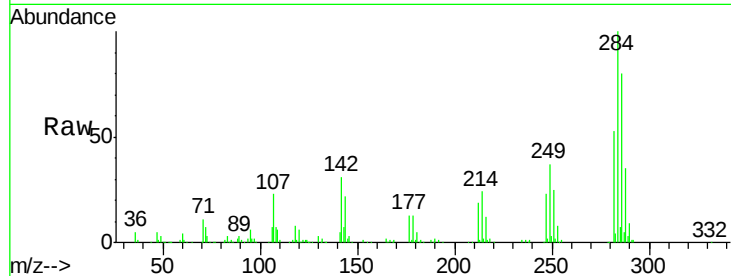
ClientSampleId :

PB108084BS

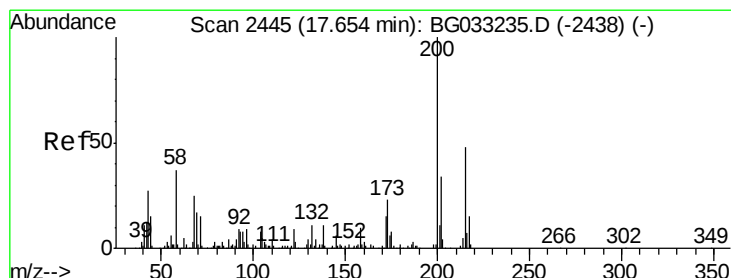
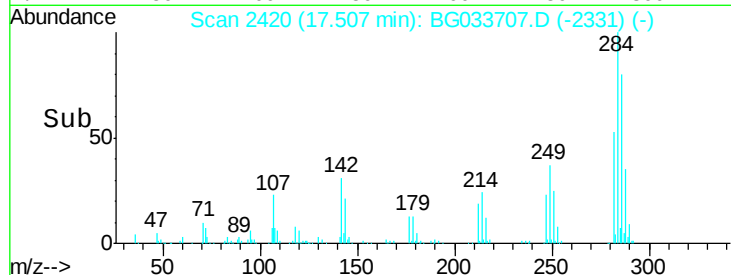
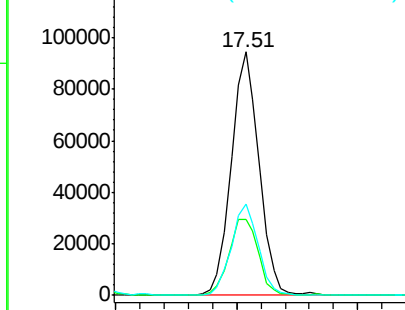
Tot Ion:	284	Resp:	151629
Ion Ratio		Lower	Upper
284	100		
142	31.3	26.8	40.2
249	37.3	26.3	39.5

Manual Integrations
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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: 46.497 ng

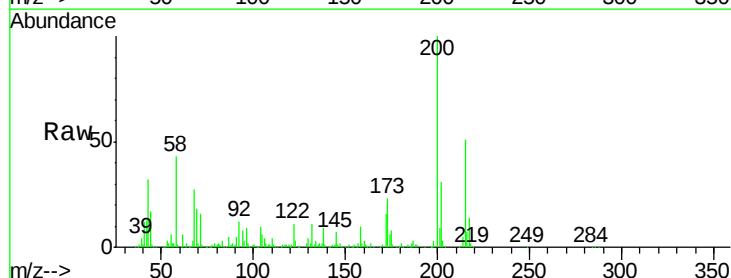
RT: 17.62 min Scan# 2439

Delta R.T. 0.00 min

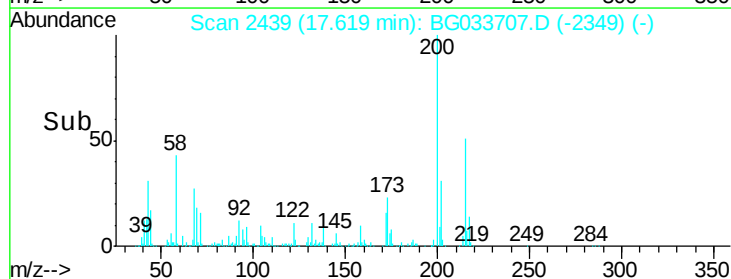
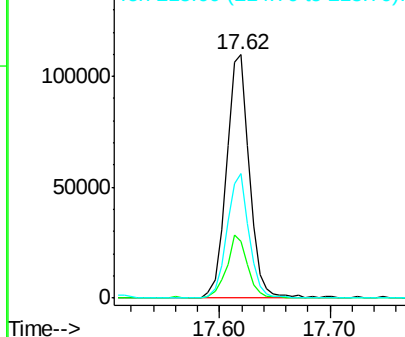
Lab File: BG033707.D

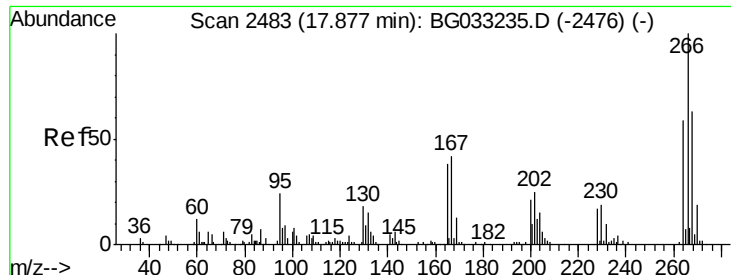
Acq: 10 Apr 2018 8:55

Tgt Ion:	200	Resp:	159324
Ion Ratio		Lower	Upper
200	100		
173	23.2	5.2	45.2
215	51.3	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





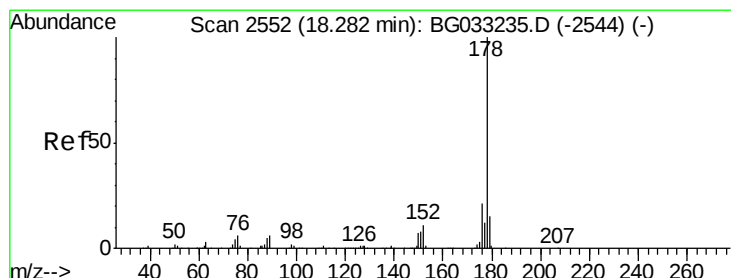
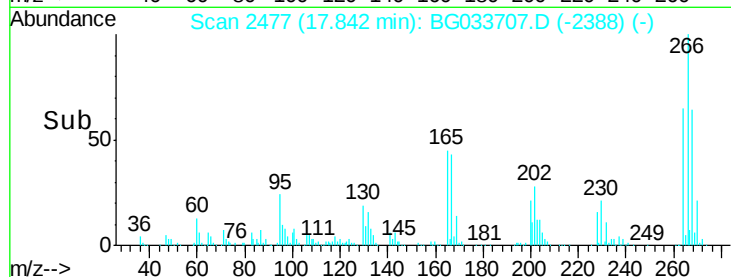
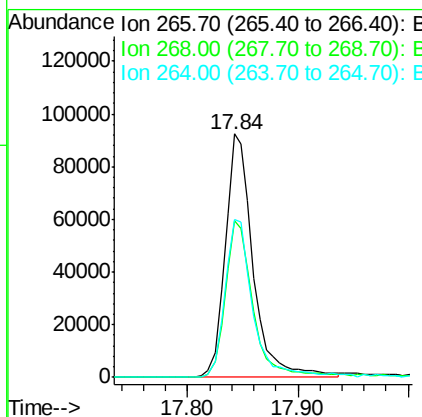
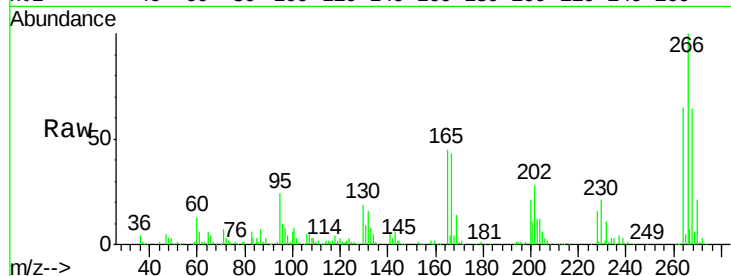
#69
 Pentachlorophenol
 Concen: 64.643 ng
 RT: 17.84 min Scan# 2477
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

Tot Ion:	266	Resp:	162883
Ion Ratio		Lower	Upper
266	100		
268	64.4	51.1	76.7
264	64.9	49.6	74.4

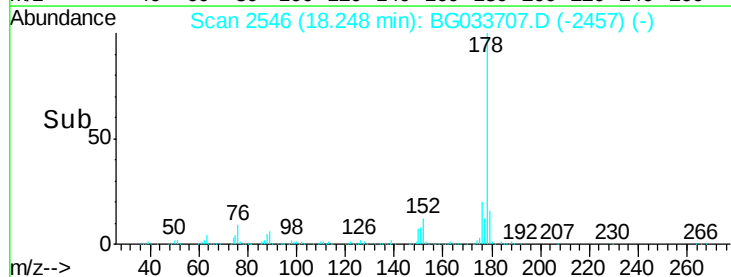
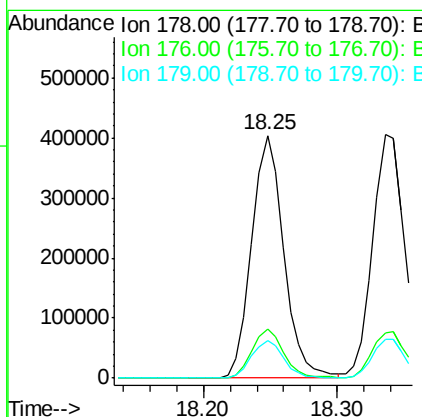
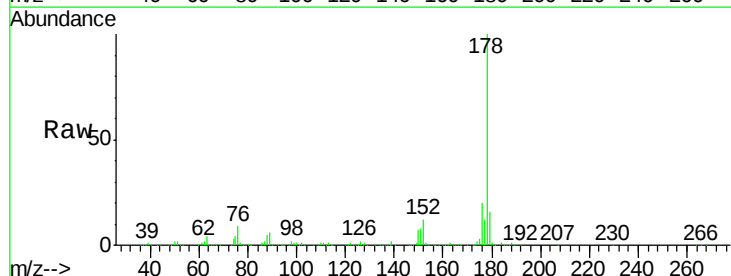
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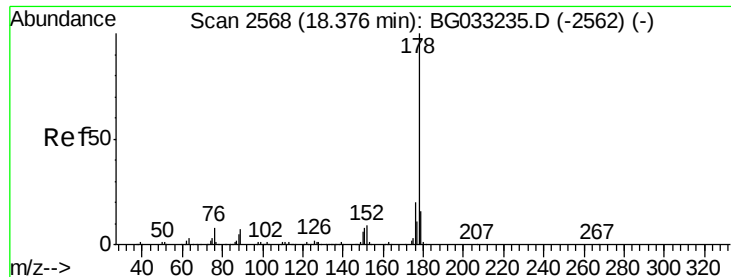
Sohil
 4/10/2018 3:37:01 PM



#70
 Phenanthrene
 Concen: 43.477 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion:	178	Resp:	670682
Ion Ratio		Lower	Upper
178	100		
176	20.5	15.7	23.5
179	15.6	12.5	18.7





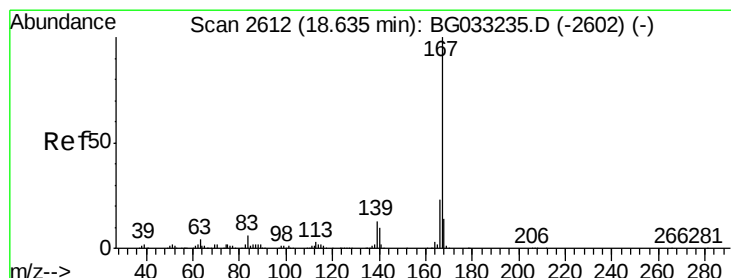
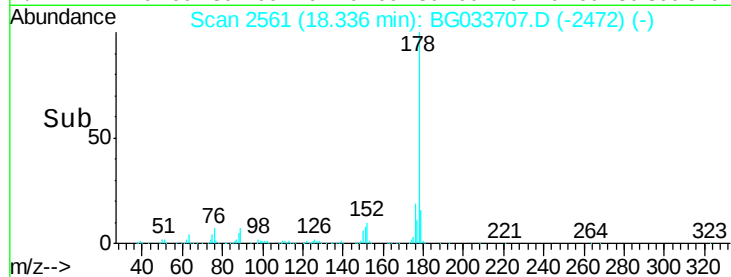
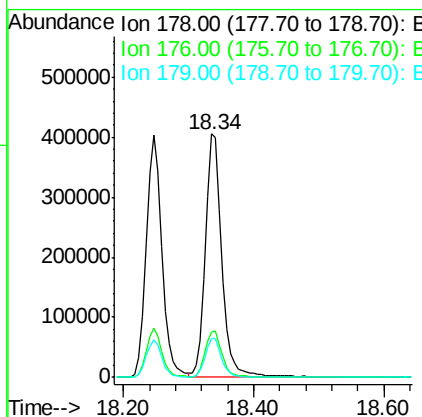
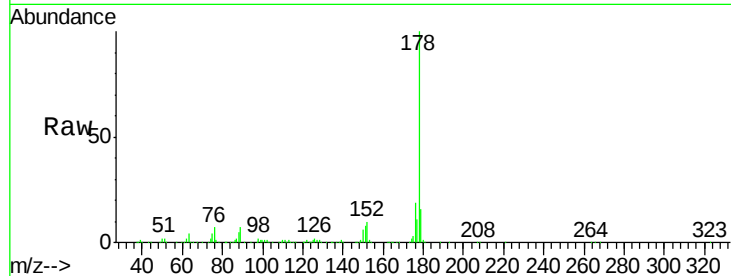
#71
 Anthracene
 Concen: 45.402 ng
 RT: 18.34 min Scan# 2561
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.0	24.0
179	15.8	12.5	18.7

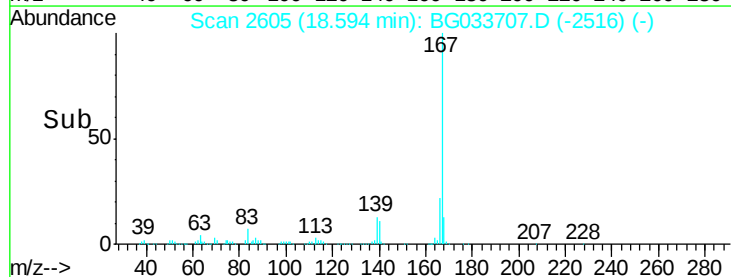
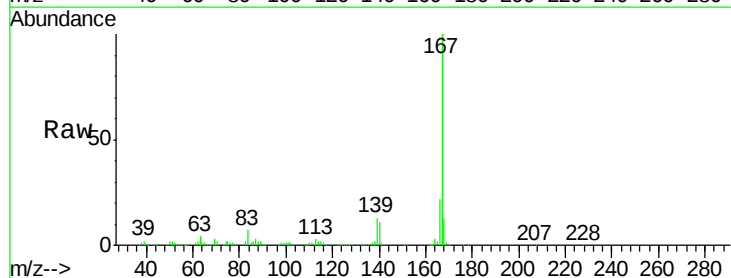
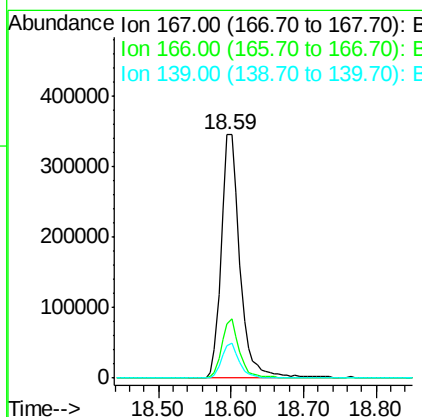
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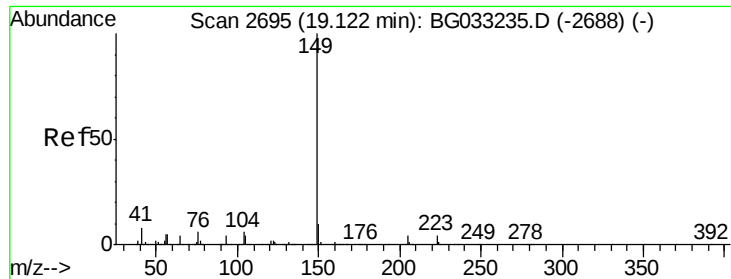
Sohil
 4/10/2018 3:37:01 PM



#72
 Carbazole
 Concen: 44.923 ng
 RT: 18.59 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.1	9.4	14.2





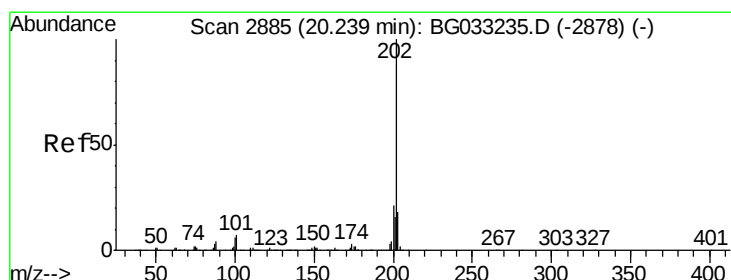
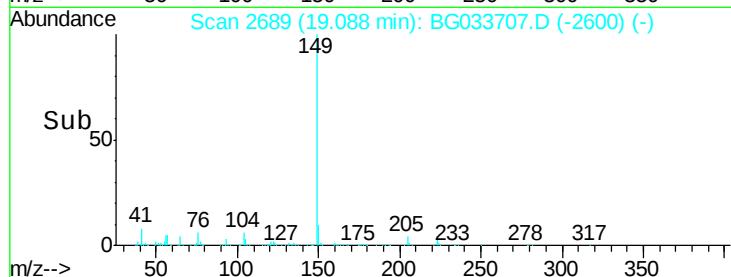
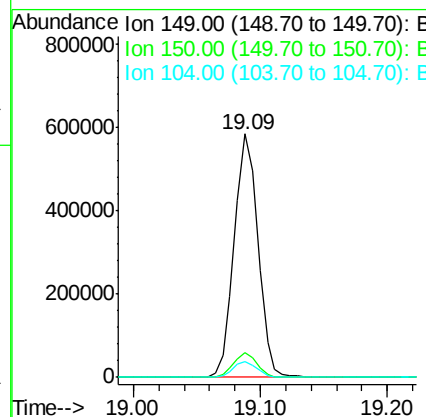
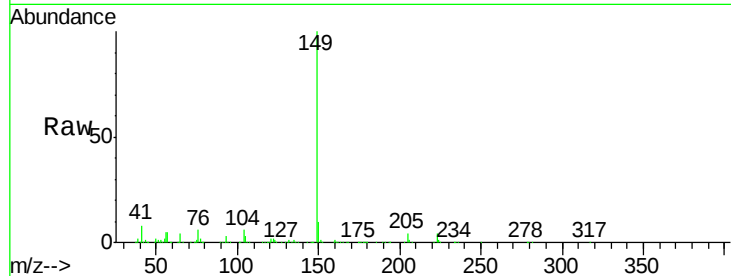
#73
Di-n-butylphthalate
Concen: 47.039 ng
RT: 19.09 min Scan# 2689
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	10.2	7.8	11.6
104	6.3	3.9	5.9

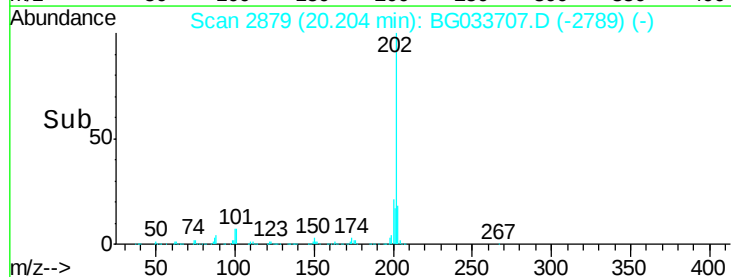
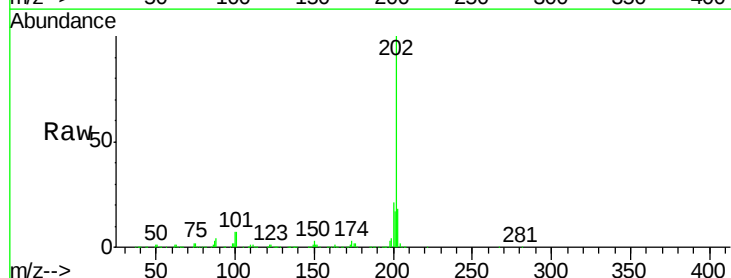
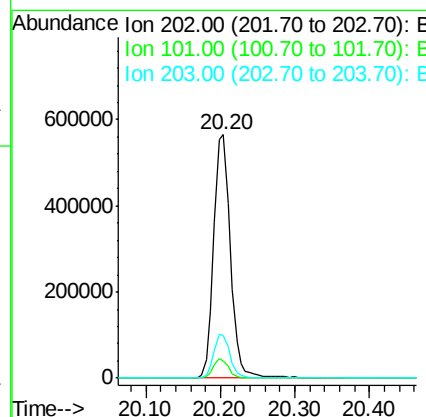
Manual Integrations
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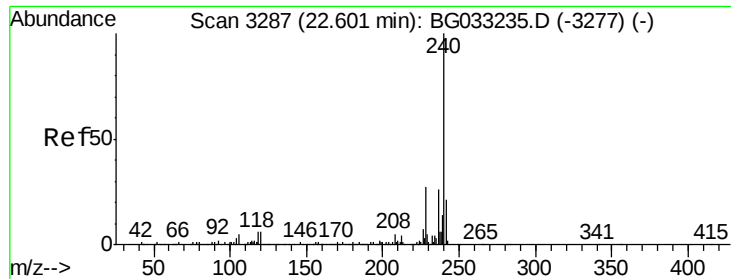
Sohil
4/10/2018 3:37:01 PM



#74
Fluoranthene
Concen: 46.099 ng
RT: 20.20 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	6.8	0.0	28.9
203	17.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Instrument :

BNA_G

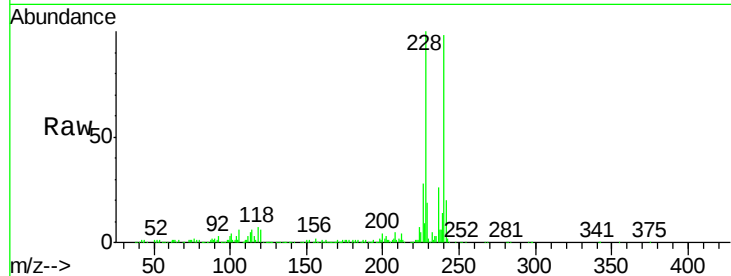
ClientSampleId :

PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	312293		
120	6.6	6.8	10.2#	
236	26.6	20.9	31.3	

Manual Integrations
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Sohil
4/10/2018 3:37:01 PM

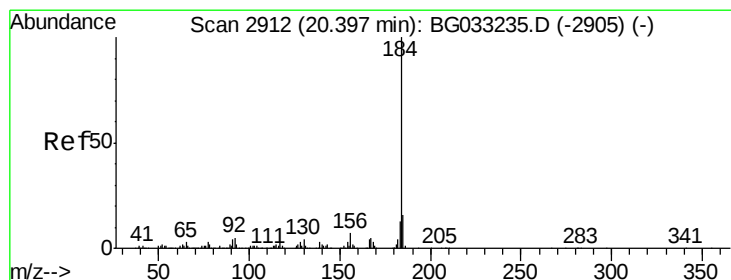
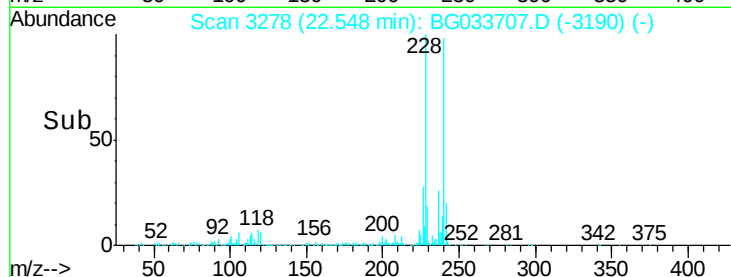
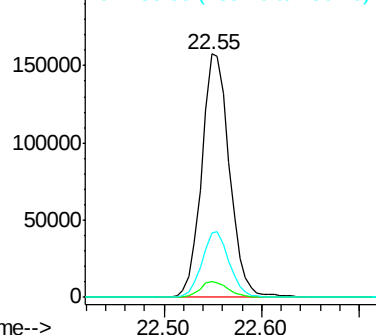


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.225 ng

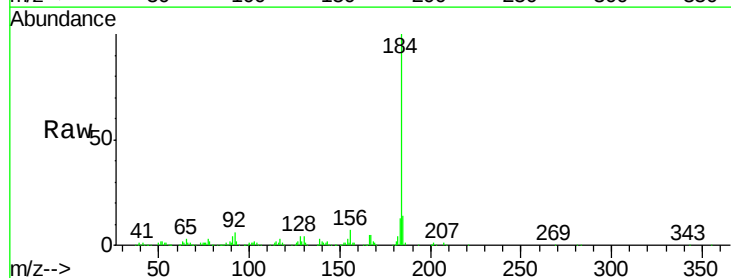
RT: 20.36 min Scan# 2906

Delta R.T. -0.00 min

Lab File: BG033707.D

Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	255973		
185	14.3	11.1	16.7	
183	13.5	10.6	16.0	

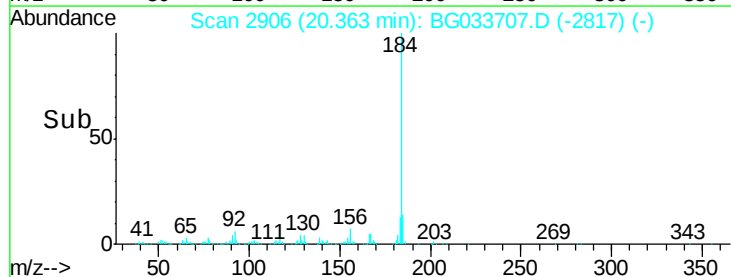
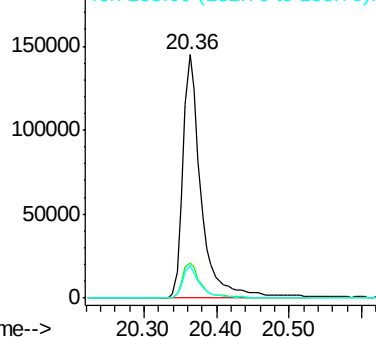


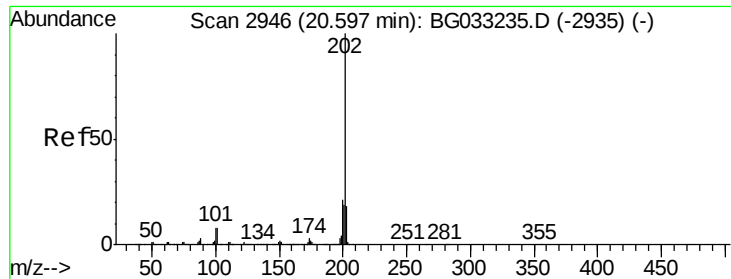
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





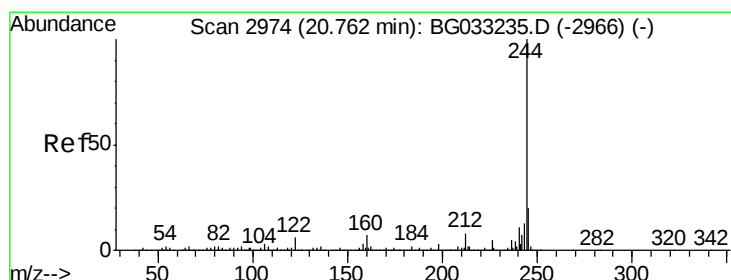
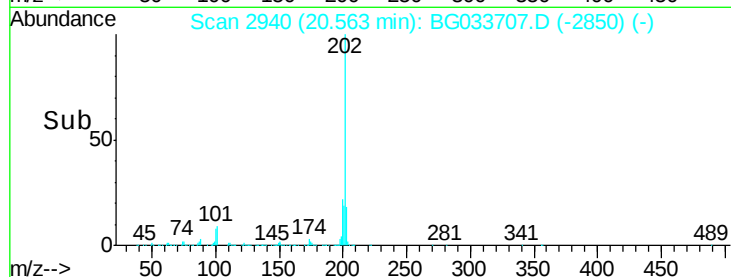
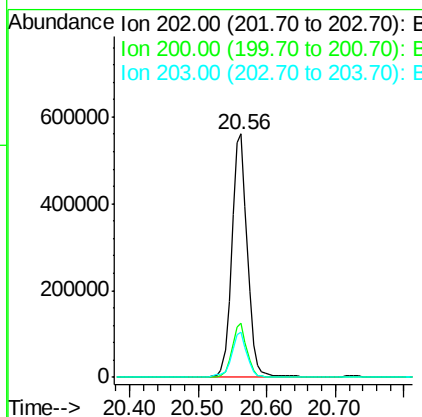
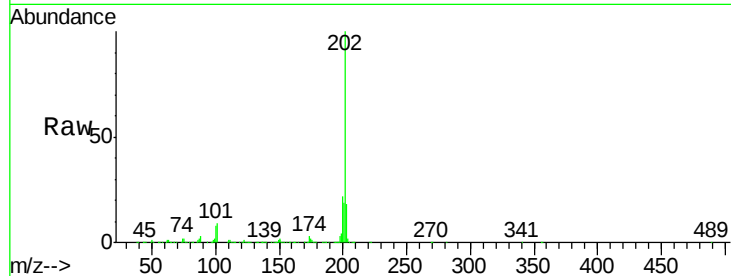
#77
Pvrene
Concen: 42.351 ng
RT: 20.56 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.2	16.9	25.3
203	18.5	13.9	20.9

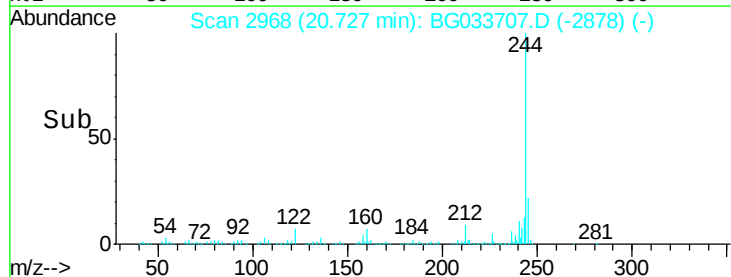
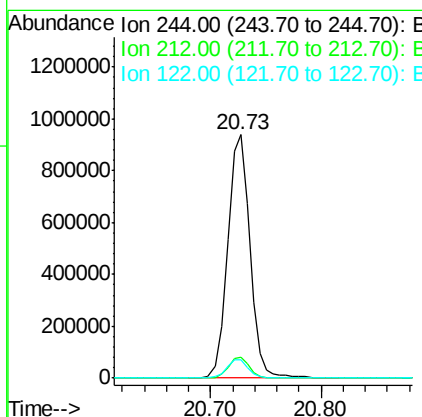
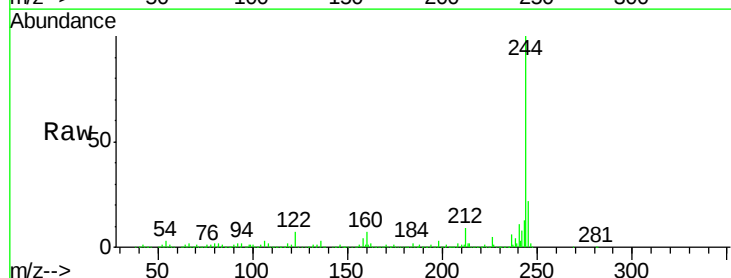
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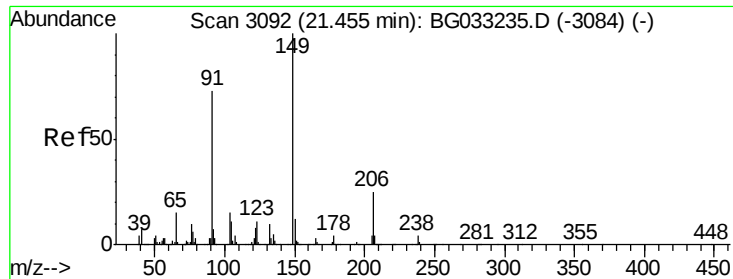
Sohil
4/10/2018 3:37:01 PM



#78
Terphenyl-d14
Concen: 90.764 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.4	7.0	10.4





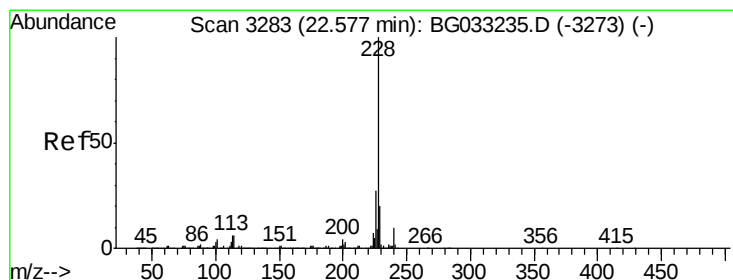
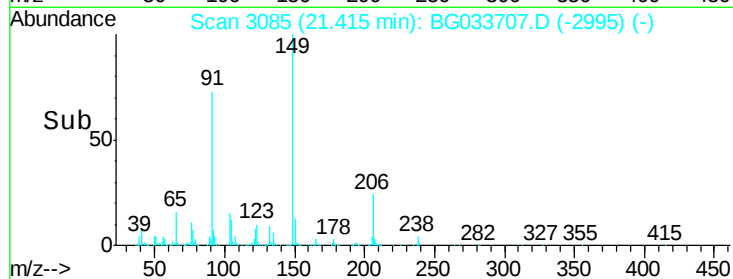
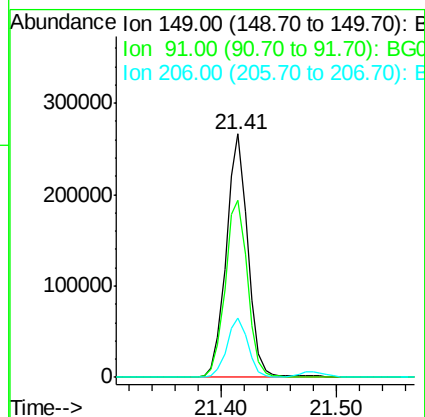
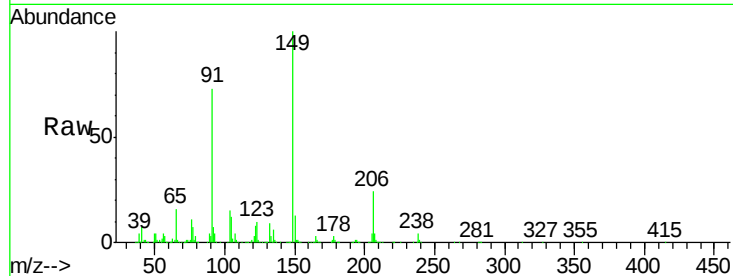
#79
Butylbenzylphthalate
Concen: 44.738 ng
RT: 21.41 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	343860		
91	72.8	62.2	93.2	
206	24.1	18.6	27.8	

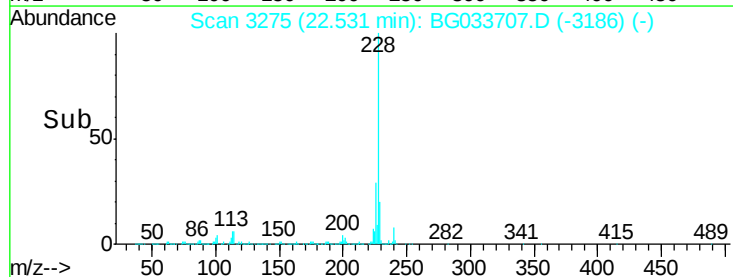
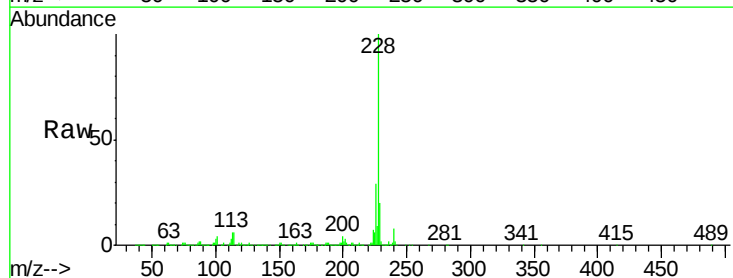
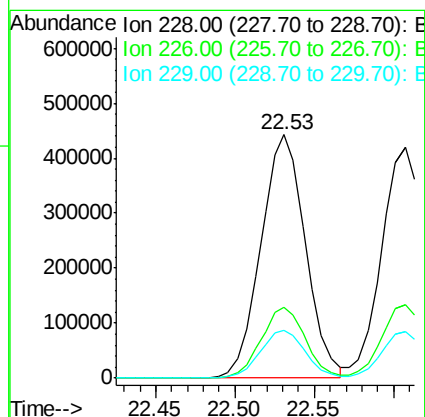
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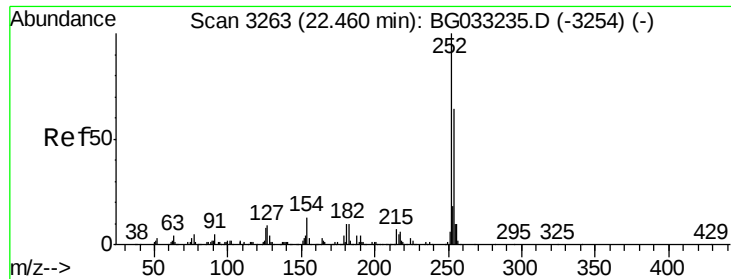
Sohil
4/10/2018 3:37:01 PM



#80
Benzo(a)anthracene
Concen: 43.262 ng
RT: 22.53 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	860280		
226	29.1	22.7	34.1	
229	19.8	16.2	24.2	





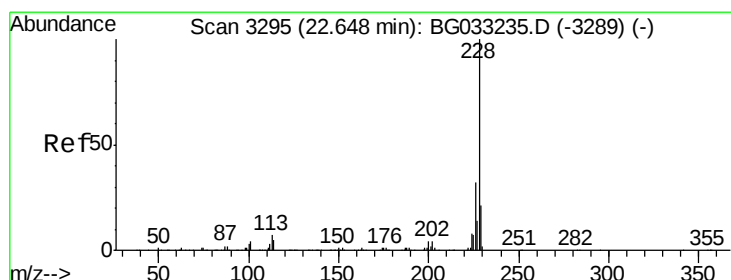
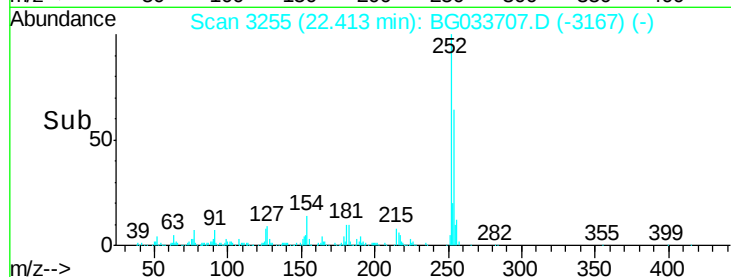
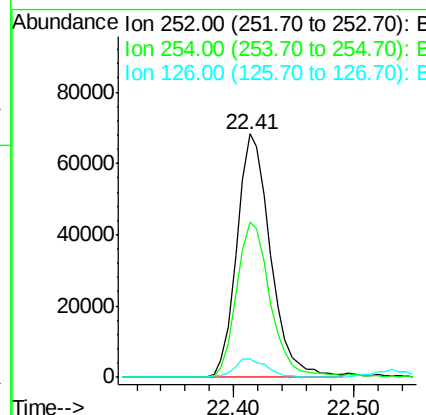
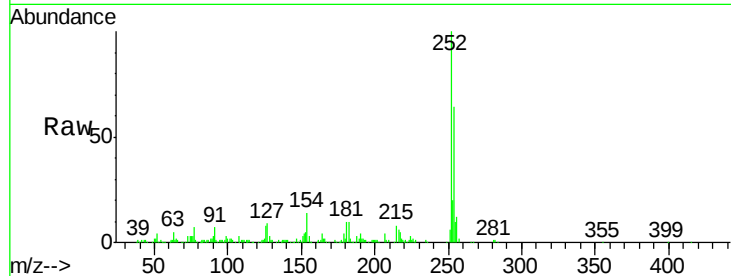
#81
 3,3'-Dichlorobenzidine
 Concen: 18.729 ng
 RT: 22.41 min Scan# 3255
 Delta R.T. -0.01 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

Tot Ion:	252	Resp:	132531
Ion Ratio		Lower	Upper
252	100		
254	63.9	50.8	76.2
126	7.5	7.4	11.2

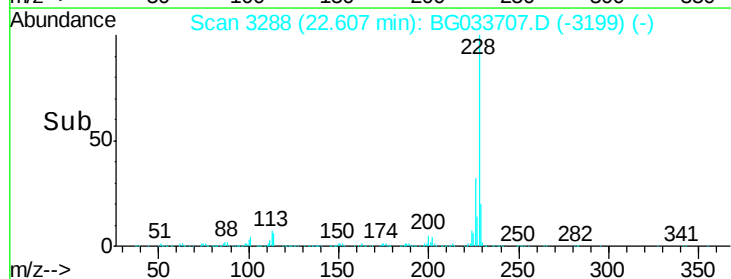
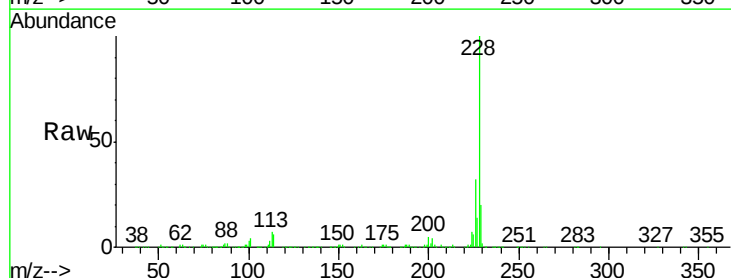
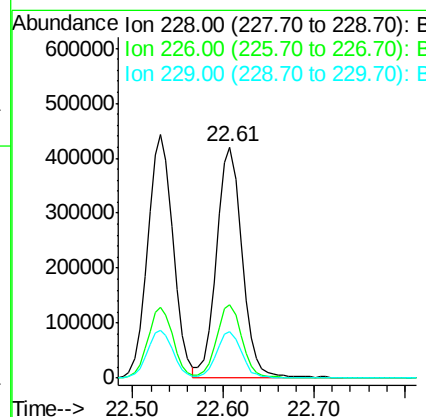
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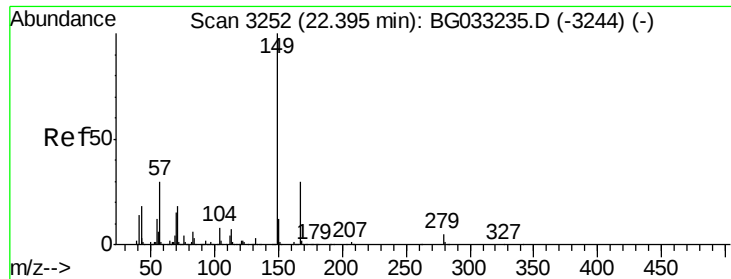
Sohil
 4/10/2018 3:37:01 PM



#82
 Chrysene
 Concen: 42.828 ng
 RT: 22.61 min Scan# 3288
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion:	228	Resp:	824397
Ion Ratio		Lower	Upper
228	100		
226	32.0	24.9	37.3
229	20.4	15.0	22.4





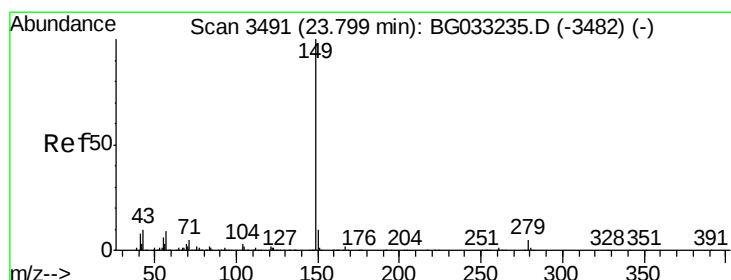
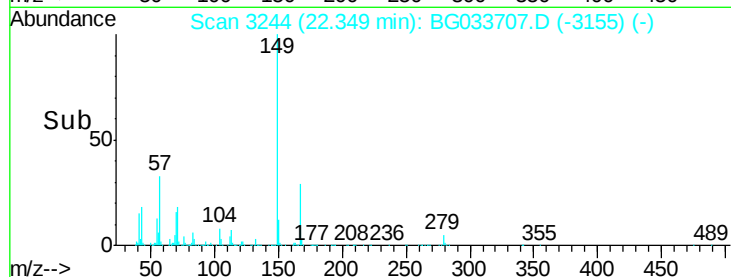
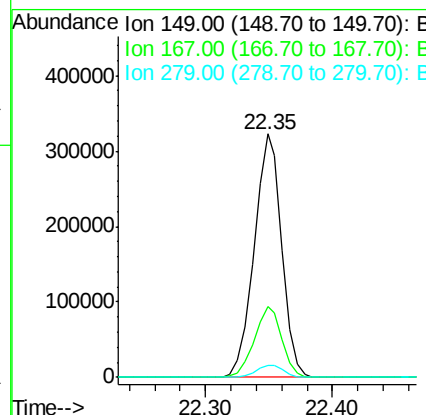
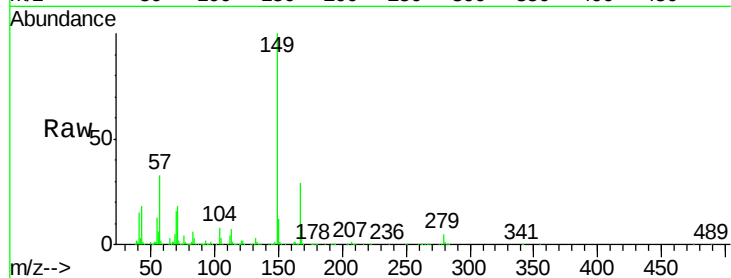
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.794 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	485195		
167	29.2	24.3	36.5	
279	5.0	4.0	6.0	

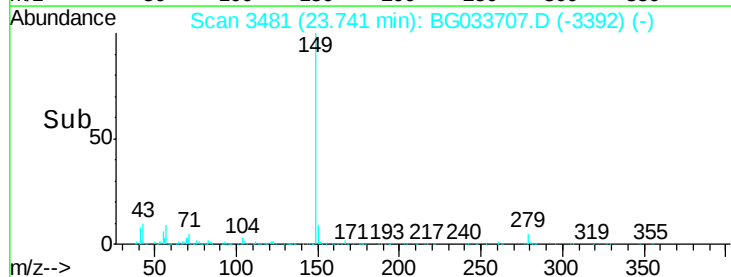
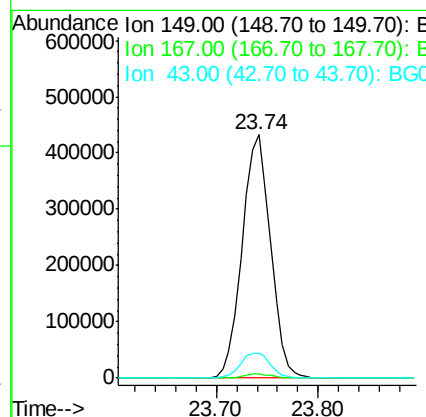
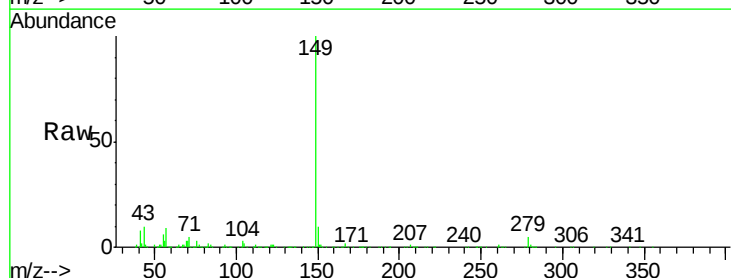
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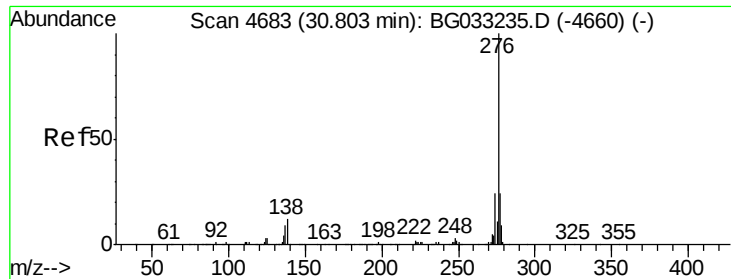
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 51.830 ng
 RT: 23.74 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	840808		
167	1.7	1.4	2.0	
43	11.2	8.9	13.3	





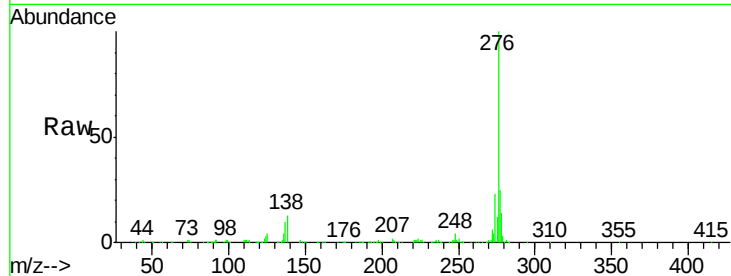
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.091 ng
 RT: 30.69 min Scan# 4663
 Delta R.T. -0.00 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

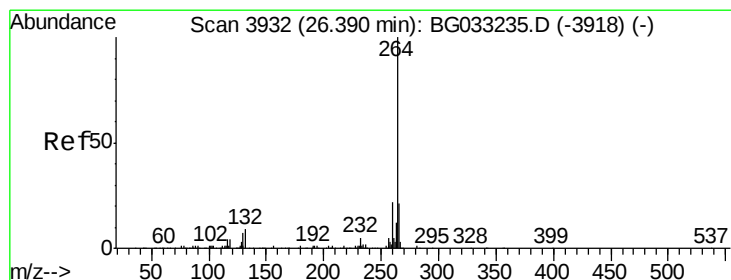
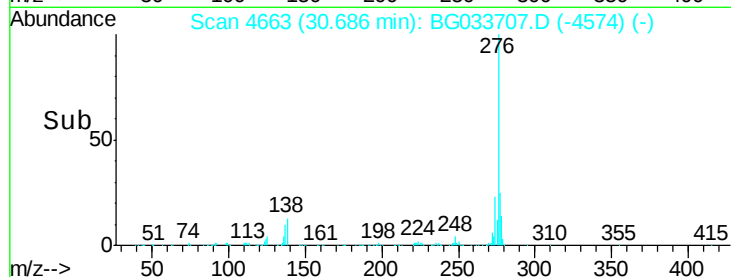
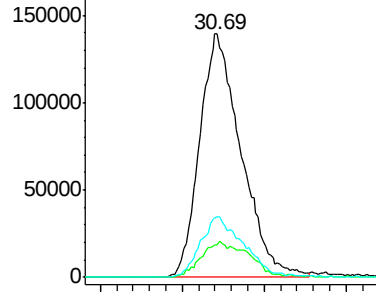
Tot Ion	Ratio	Lower	Upper
276	100		
138	16.7	16.0	24.0
277	25.5	20.0	30.0

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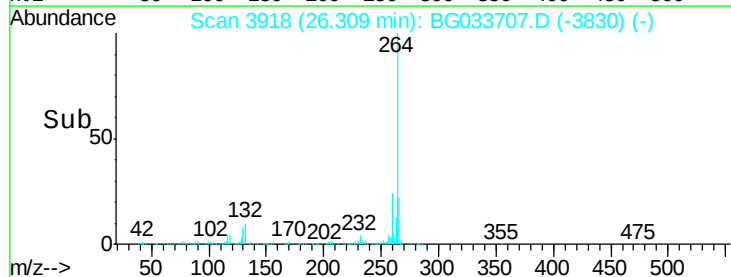
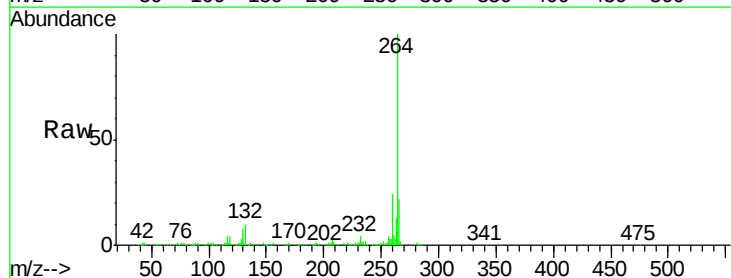
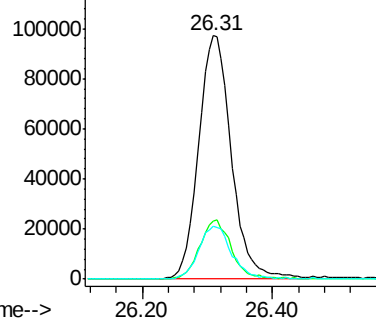
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

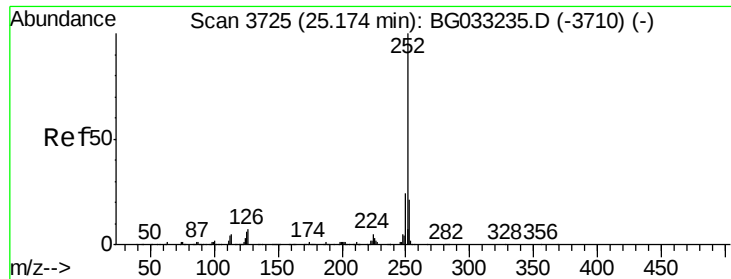


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. -0.01 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.9	17.7	26.5

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





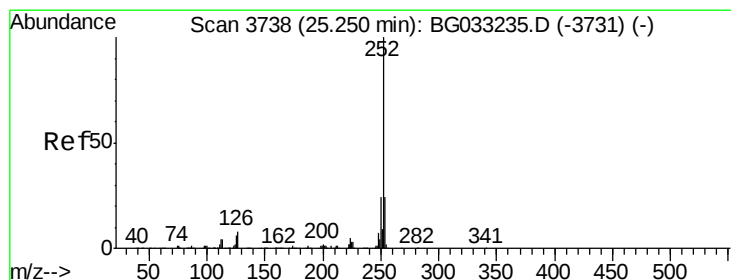
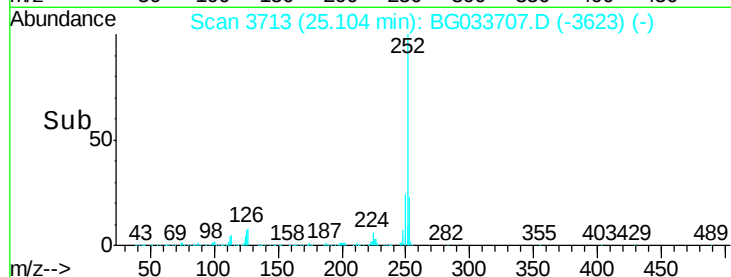
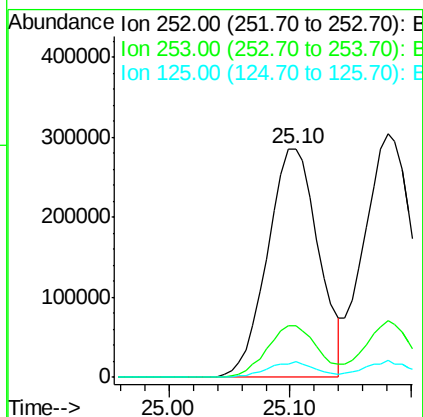
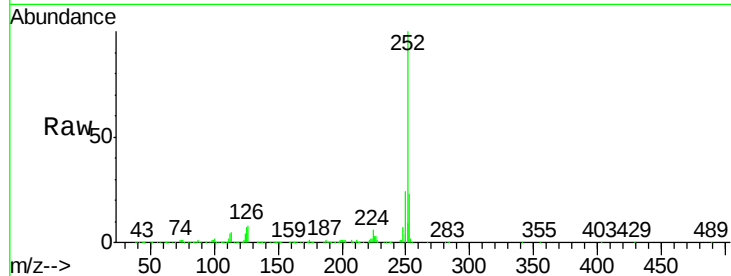
#87
Benzo(b)fluoranthene
Concen: 42.691 ng
RT: 25.10 min Scan# 3713
Delta R.T. 0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	6.7	7.2	10.8

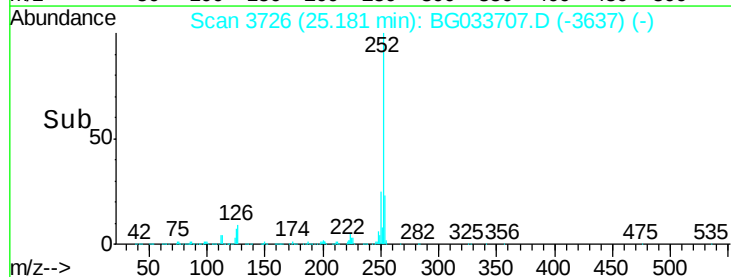
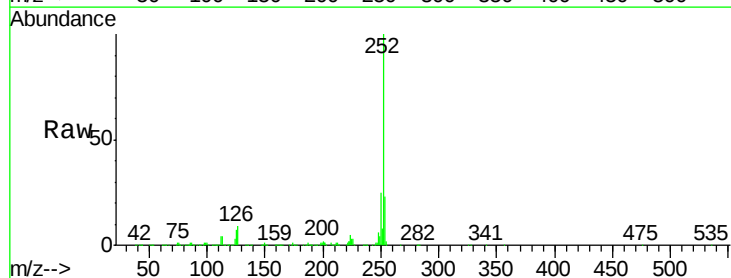
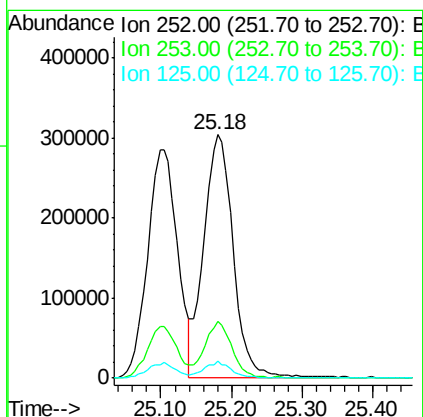
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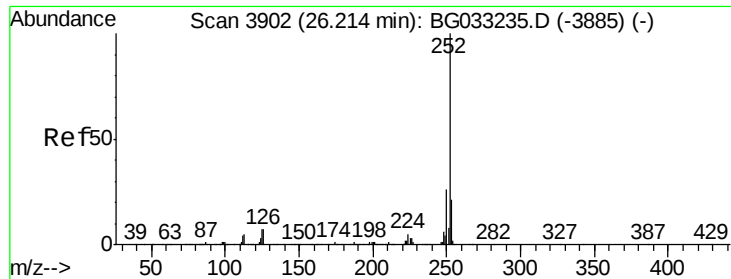
Sohil
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#88
Benzo(k)fluoranthene
Concen: 44.327 ng
RT: 25.18 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	7.0	6.6	9.8





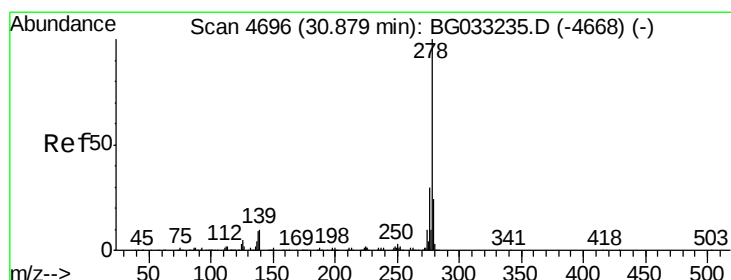
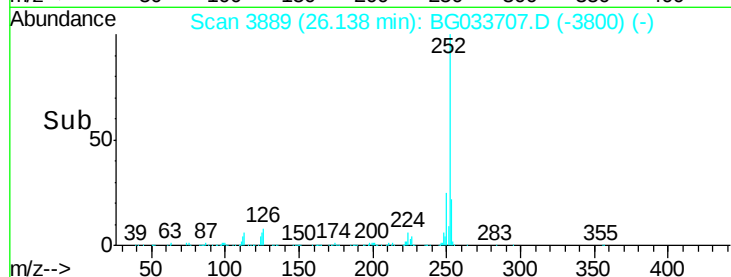
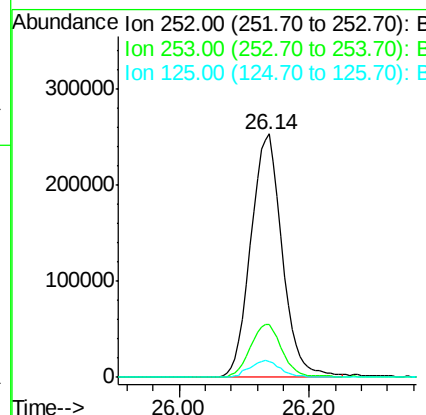
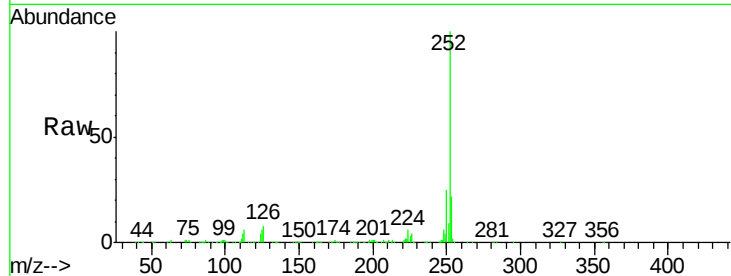
#89
Benzo(a)pyrene
Concen: 44.857 ng
RT: 26.14 min Scan# 3889
Delta R.T. -0.00 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	6.4	7.3	10.9

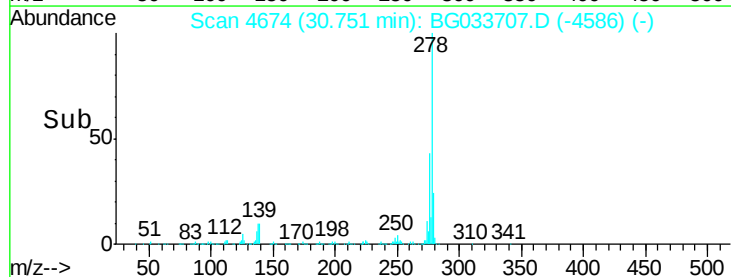
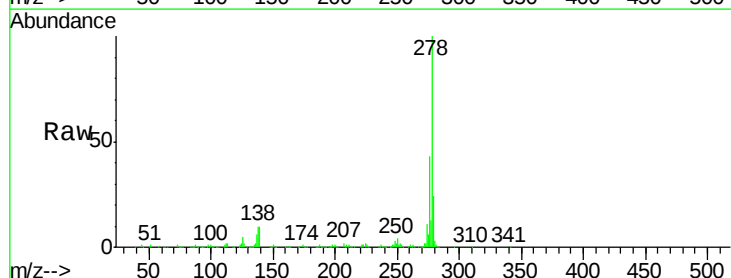
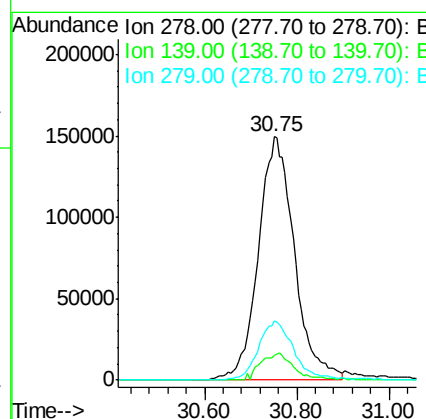
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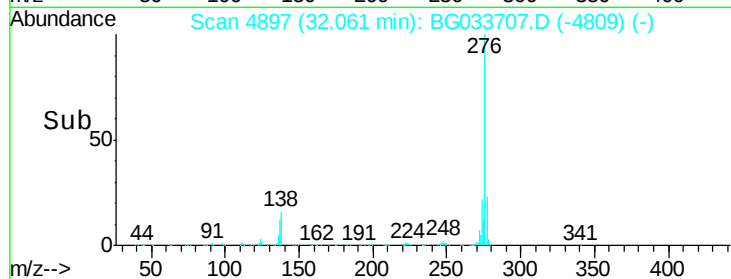
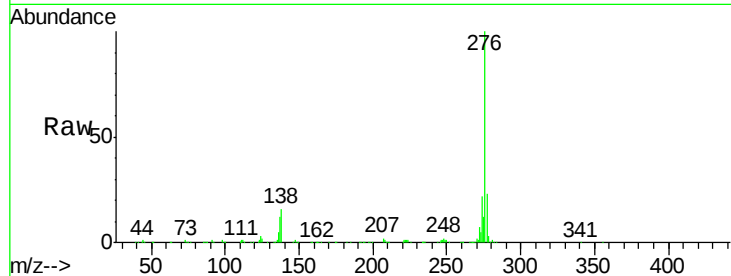
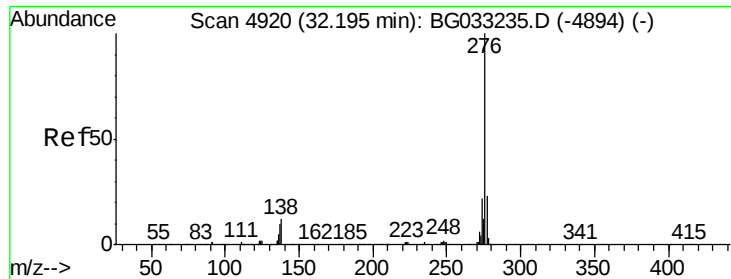
Sohil
4/10/2018 3:37:01 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.568 ng
RT: 30.75 min Scan# 4674
Delta R.T. -0.01 min
Lab File: BG033707.D
Acq: 10 Apr 2018 8:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.2	9.8	14.6
279	24.2	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 46.263 ng
 RT: 32.06 min Scan# 4897
 Delta R.T. -0.01 min
 Lab File: BG033707.D
 Acq: 10 Apr 2018 8:55

Tot Ion	Ratio	Resp	Lower	Upper
276	100	813125		
277	22.7		18.3	27.5
138	15.6		13.9	20.9

Instrument :
 BNA_G
 ClientSampleId :
 PB108084BS

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 4/10/2018 3:37:01 PM

