

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035748.D
 Acq On : 19 Jul 2018 11:26
 Operator : JU/SJ
 Sample : PB111228BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BS

Manual Integrations
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Sohil
 7/19/2018 3:45:30 PM

Quant Time: Jul 19 14:36:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44204	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	160735	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	116276	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	306017	20.00	ng	0.00
75) Chrysene-d12	21.67	240	330546	20.00	ng	0.00
86) Perylene-d12	24.88	264	322990	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	274144	102.96	ng	0.00
7) Phenol-d6	7.21	99	396411	99.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	379766	98.70	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	169501	110.60	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	891769	102.75	ng	0.00
78) Terphenyl-d14	20.01	244	1422683	94.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	44423	32.781	ng	# 74
3) Pyridine	3.92	79	124908	35.308	ng	# 74
4) n-Nitrosodimethylamine	3.84	42	59577	39.221	ng	# 79
6) Aniline	7.37	93	107539	20.886	ng	91
8) 2-Chlorophenol	7.61	128	133751	49.393	ng	94
9) Benzaldehyde	7.18	77	71756	29.439	ng	97
10) Phenol	7.23	94	201793	50.280	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	130010	41.365	ng	93
12) 1,3-Dichlorobenzene	7.92	146	144383	44.153	ng	93
13) 1,4-Dichlorobenzene	8.07	146	146045	43.956	ng	97
14) 1,2-Dichlorobenzene	8.39	146	138362	43.348	ng	100
15) Benzyl Alcohol	8.28	79	152356	42.235	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	153083	58.095	ng	80
17) 2-Methylphenol	8.48	107	132400	48.522	ng	# 89
18) Hexachloroethane	9.12	117	53027	41.741	ng	85
19) n-Nitroso-di-n-propylamine	8.84	70	127534	38.125	ng	# 81
20) 3+4-Methylphenols	8.81	107	186597	49.294	ng	90
22) Acetophenone	8.86	105	228750	45.765	ng	# 91
24) Nitrobenzene	9.24	77	180104	46.544	ng	96
25) Isophorone	9.76	82	363213	50.852	ng	100
26) 2-Nitrophenol	9.95	139	77548	56.428	ng	# 82
27) 2,4-Dimethylphenol	10.01	122	140255	60.292	ng	89
28) bis(2-Chloroethoxy)methane	10.24	93	195175	49.590	ng	99
29) 2,4-Dichlorophenol	10.49	162	156266	58.847	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	162249	49.828	ng	93
31) Naphthalene	10.89	128	400536	47.837	ng	98
32) Benzoic acid	10.16	122	38769	24.756	ng	96
33) 4-Chloroaniline	11.00	127	53235	14.588	ng	96
34) Hexachlorobutadiene	11.17	225	123067	48.468	ng	95
35) Caprolactam	11.78	113	53187m	46.673	ng	
36) 4-Chloro-3-methylphenol	12.12	107	196199	55.121	ng	97
37) 2-Methylnaphthalene	12.49	142	324594	52.036	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	215054	49.002	ng	97
40) Hexachlorocyclopentadiene	12.84	237	283628	123.231	ng	94

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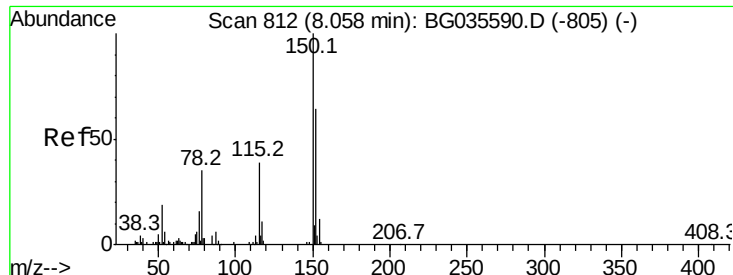
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	147651	57.530	nq	99
43) 2,4,5-Trichlorophenol	13.18	196	158232	55.111	nq	98
45) 1,1'-Biphenyl	13.49	154	450139	49.933	nq	98
46) 2-Chloronaphthalene	13.54	162	358900	51.183	nq	99
47) 2-Nitroaniline	13.75	65	123968	50.007	nq	96
48) Acenaphthylene	14.39	152	591013	50.316	nq	97
49) Dimethylphthalate	14.12	163	497325	48.817	nq	99
50) 2,6-Dinitrotoluene	14.23	165	114504	55.194	nq	94
51) Acenaphthene	14.73	154	346915	47.412	nq	99
52) 3-Nitroaniline	14.57	138	41291	19.474	nq #	94
53) 2,4-Dinitrophenol	14.78	184	11167	16.189	nq #	64
54) Dibenzofuran	15.06	168	580632	49.896	nq	93
55) 4-Nitrophenol	14.89	139	151427	100.281	nq #	86
56) 2,4-Dinitrotoluene	15.02	165	164657	55.324	nq	88
57) Fluorene	15.71	166	487773	50.011	nq	94
58) 2,3,4,6-Tetrachlorophenol	15.29	232	150315	54.604	nq	95
59) Diethylphthalate	15.47	149	504205	48.132	nq	98
60) 4-Chlorophenyl-phenylether	15.70	204	286229	49.931	nq	96
61) 4-Nitroaniline	15.73	138	105572	47.599	nq #	76
62) Azobenzene	15.99	77	507758	49.140	nq	95
64) 4,6-Dinitro-2-methylphenol	15.79	198	37809	22.195	nq	85
65) n-Nitrosodiphenylamine	15.91	169	430894	49.469	nq	98
66) 4-Bromophenyl-phenylether	16.59	248	188115	52.985	nq	96
67) Hexachlorobenzene	16.71	284	191659	52.421	nq	98
68) Atrazine	16.86	200	194954	54.360	nq	96
69) Pentachlorophenol	17.06	266	120357	54.046	nq	95
70) Phenanthrene	17.45	178	782879	51.270	nq	99
71) Anthracene	17.54	178	801032	52.684	nq	99
72) Carbazole	17.81	167	729571	50.526	nq	98
73) Di-n-butylphthalate	18.36	149	823848	48.282	nq #	98
74) Fluoranthene	19.46	202	1015314	49.364	nq	96
76) Benzidine	19.63	184	289986	33.370	nq	98
77) Pyrene	19.81	202	1013506	48.491	nq	96
79) Butylbenzylphthalate	20.70	149	390816	52.289	nq	96
80) Benzo(a)anthracene	21.65	228	1027975	49.905	nq	99
81) 3,3'-Dichlorobenzidine	21.57	252	197393	27.483	nq #	96
82) Chrysene	21.72	228	962551	50.426	nq	97
83) Bis(2-ethylhexyl)phthalate	21.55	149	539767	53.120	nq #	98
84) Di-n-octyl phthalate	22.76	149	916518	53.870	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.53	276	1135352	53.723	nq #	86
87) Benzo(b)fluoranthene	23.86	252	1027755	52.353	nq #	95
88) Benzo(k)fluoranthene	23.93	252	955124	49.766	nq #	97
89) Benzo(a)pyrene	24.73	252	983260	53.838	nq #	98
90) Dibenzo(a,h)anthracene	28.59	278	947926	52.868	nq #	96
91) Benzo(g,h,i)perylene	29.68	276	949140	54.097	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

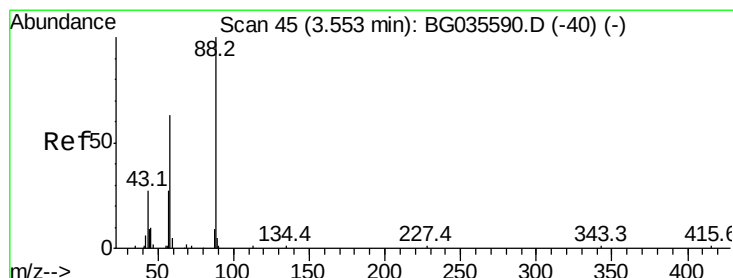
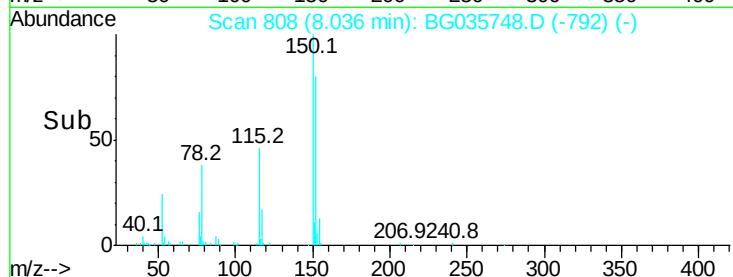
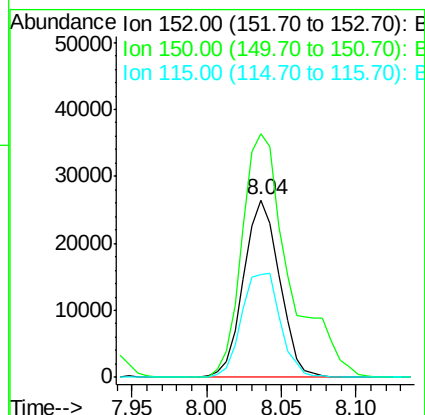
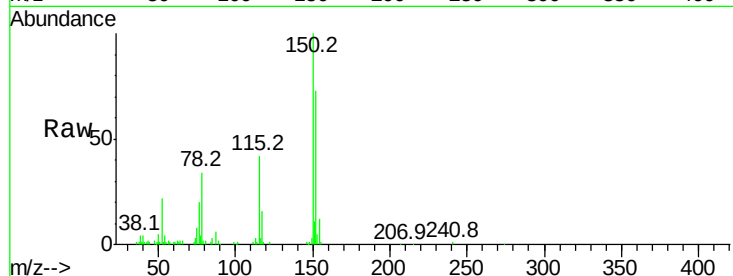
ClientSampled :

PB111228BS

Tot Ion:	152	Resp:	44204
Ion Ratio	Lower	Upper	
152	100		
150	137.1	126.6	189.8
115	58.0	53.0	79.4

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#2

1,4-Dioxane

Concen: 32.781 ng

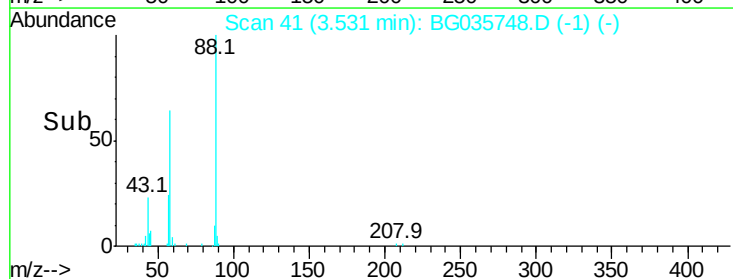
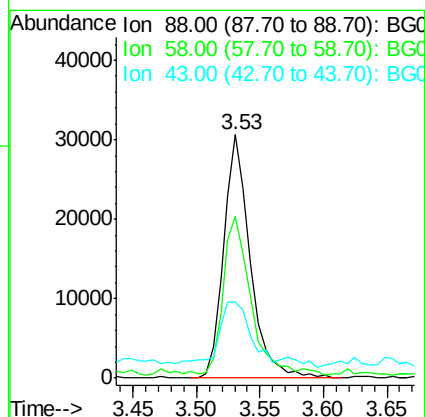
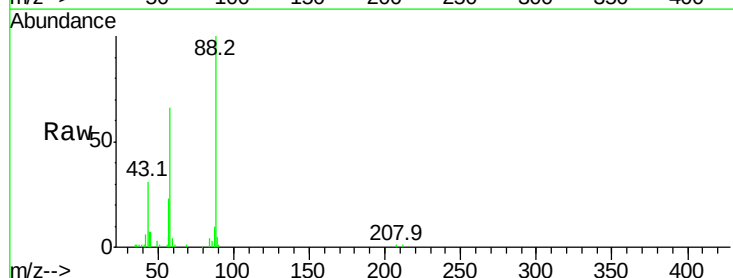
RT: 3.53 min Scan# 41

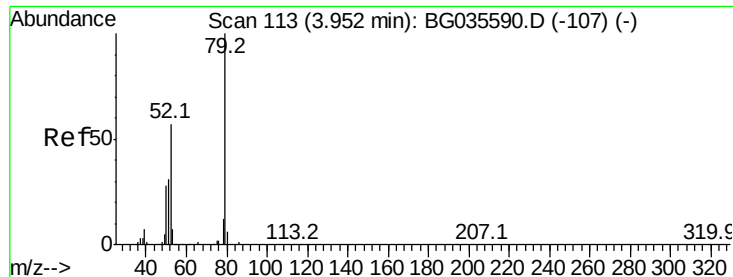
Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion:	88	Resp:	44423
Ion Ratio	Lower	Upper	
88	100		
58	68.2	79.6	119.4#
43	28.6	27.4	41.0





#3

Pvridine

Concen: 35.308 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

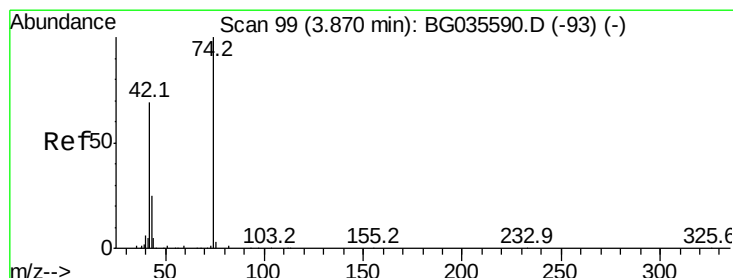
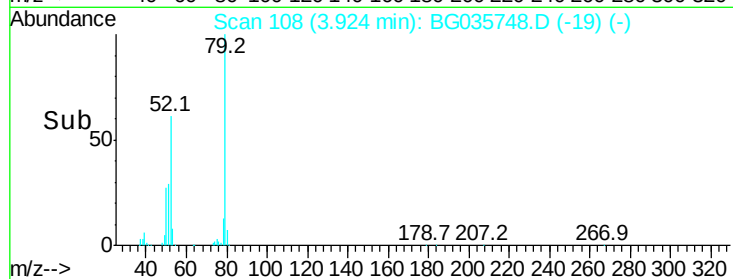
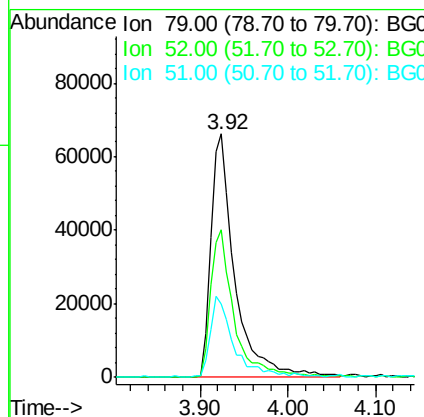
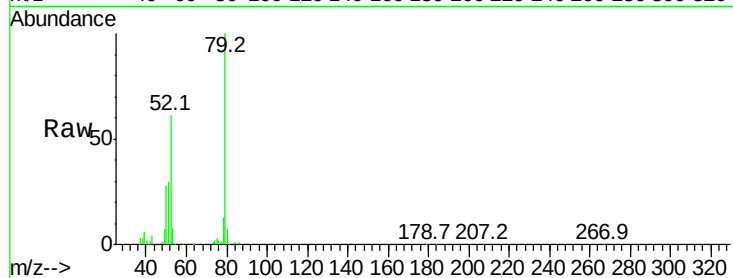
ClientSampleId :

PB111228BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.9	69.9	104.9#
51	30.2	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 39.221 ng

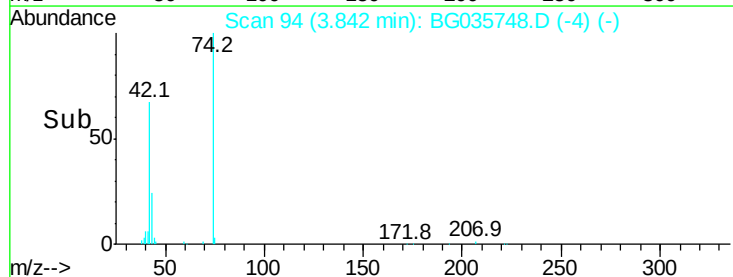
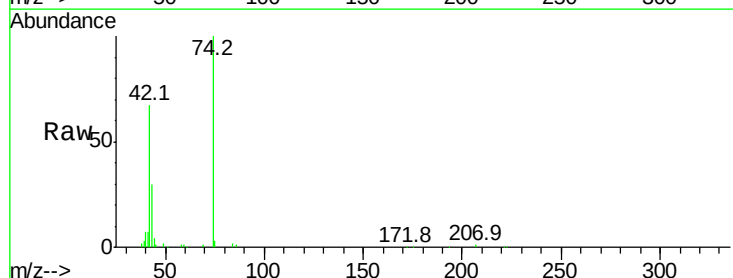
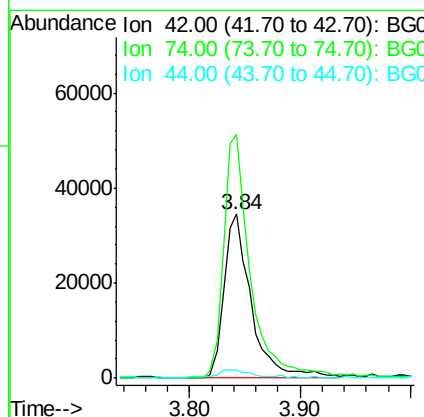
RT: 3.84 min Scan# 94

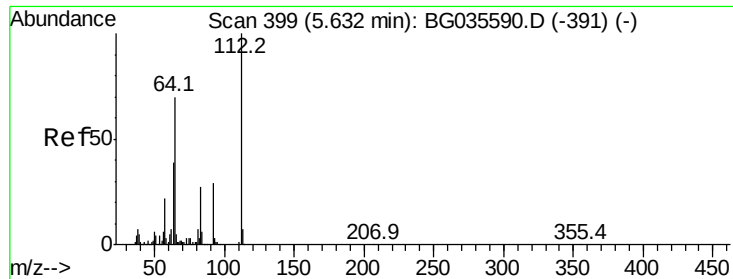
Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.6	102.5	153.7
44	5.3	18.9	28.3#





#5

2-Fluorophenol

Concen: 102.964 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

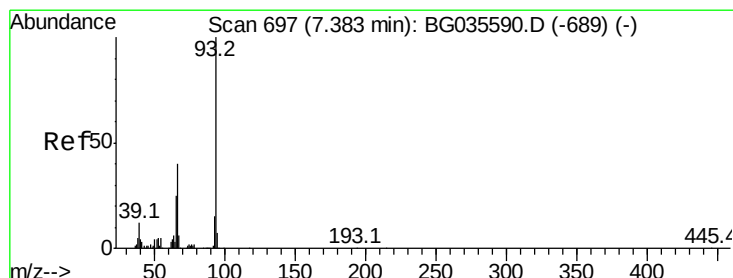
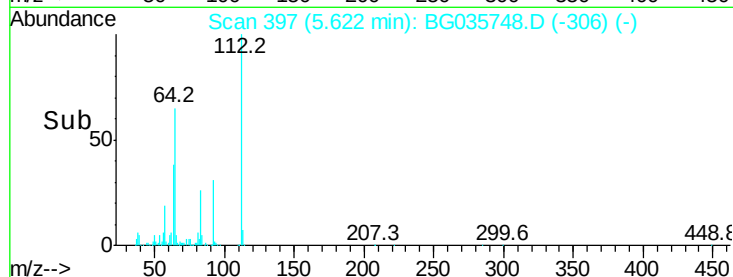
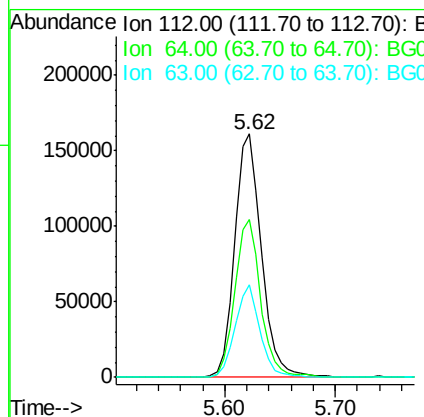
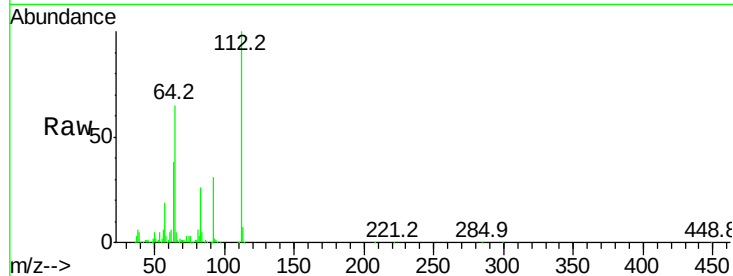
ClientSampleId :

PB111228BS

Tot Ion:	112	Resp:	274144
Ion Ratio	Lower	Upper	
112	100		
64	64.7	56.3	84.5
63	38.2	30.1	45.1

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#6

Aniline

Concen: 20.886 ng

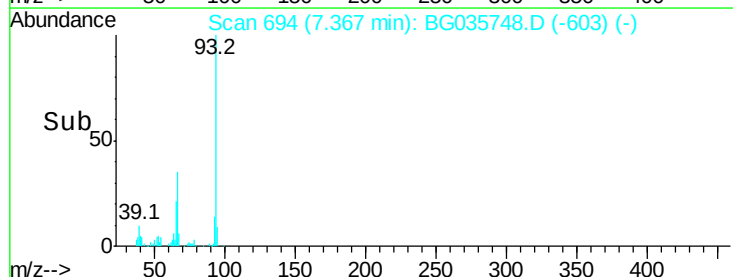
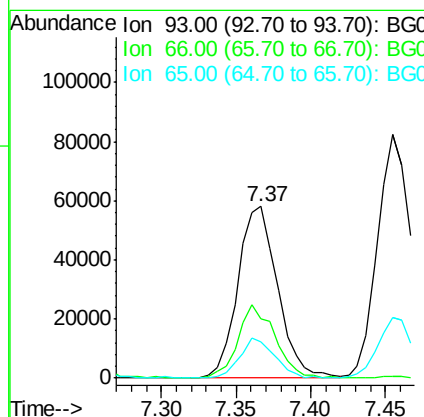
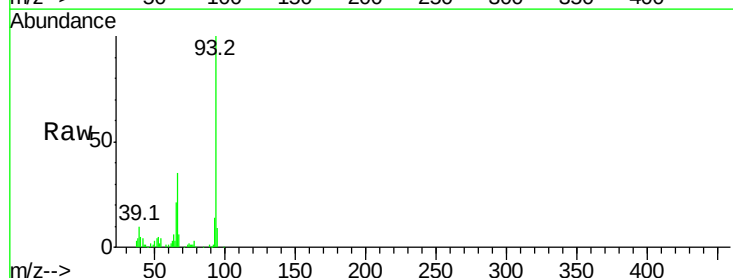
RT: 7.37 min Scan# 694

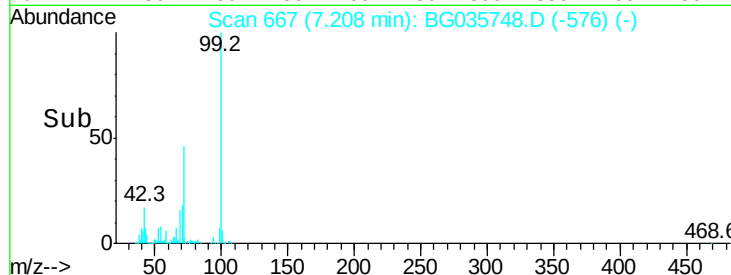
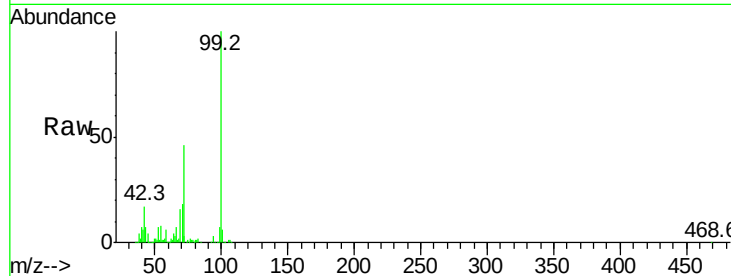
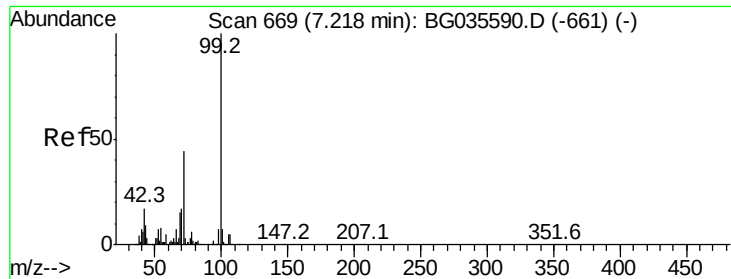
Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion:	93	Resp:	107539
Ion Ratio	Lower	Upper	
93	100		
66	34.7	33.7	50.5
65	21.1	16.1	24.1





#7

Phenol-d6

Concen: 99.790 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tot Ion	99	Resp	396411
Ion Ratio	Lower	Upper	
99	100		
42	16.8	14.1	21.1
71	45.7	26.1	39.1#

Instrument :

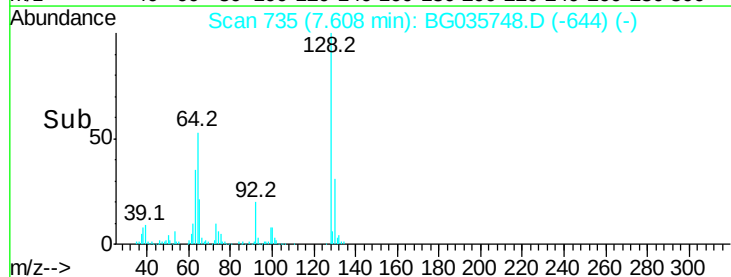
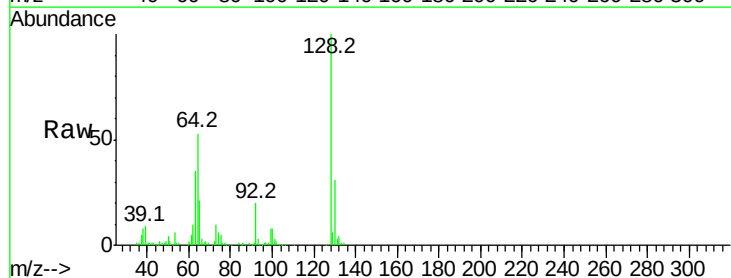
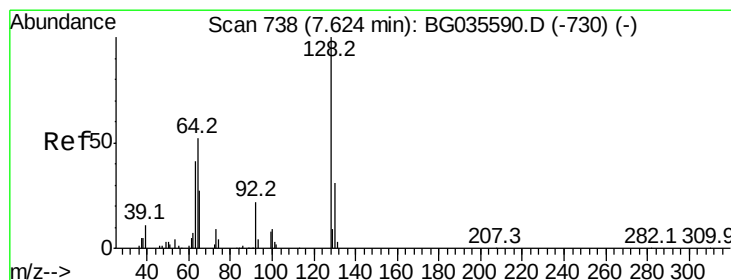
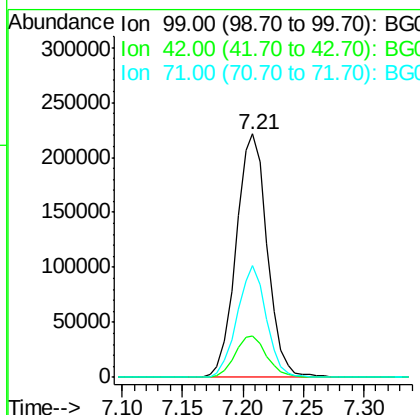
BNA_G

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PB111228BS

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#8

2-Chlorophenol

Concen: 49.393 ng

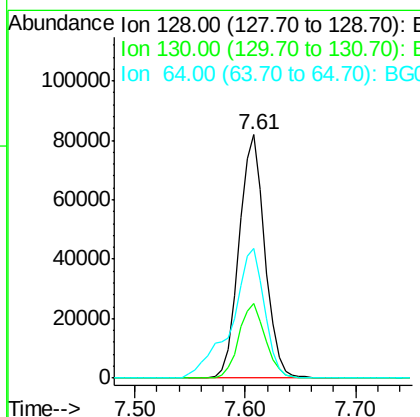
RT: 7.61 min Scan# 735

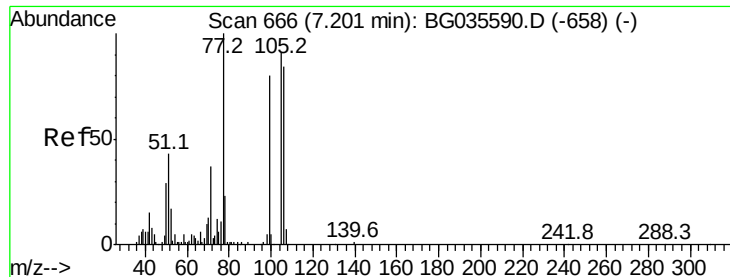
Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion	128	Resp	133751
Ion Ratio	Lower	Upper	
128	100		
130	30.6	14.0	54.0
64	53.2	37.7	77.7





#9

Benzaldehyde

Concen: 29.439 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

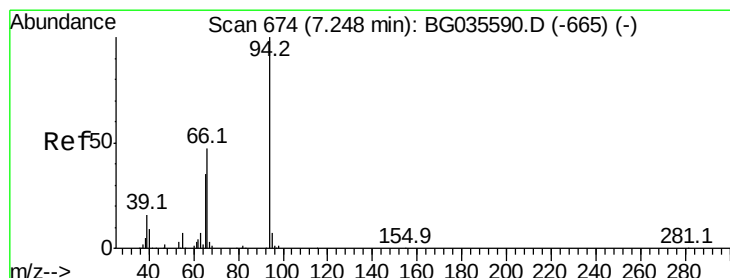
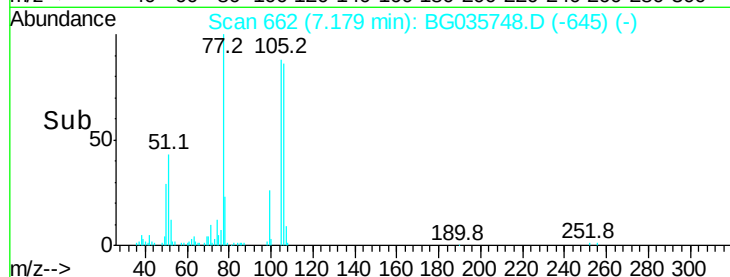
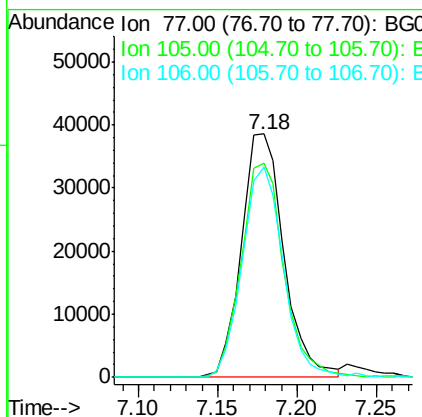
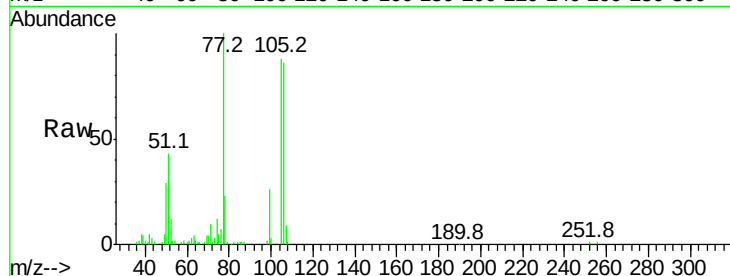
ClientSampled :

PB111228BS

Tot Ion:	77	Resp:	71756
Ion	Ratio	Lower	Upper
77	100		
105	88.2	71.3	111.3
106	86.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 50.280 ng

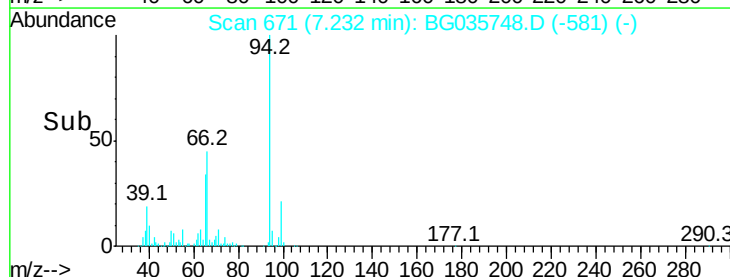
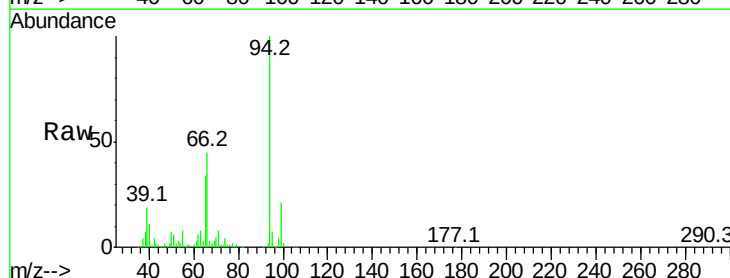
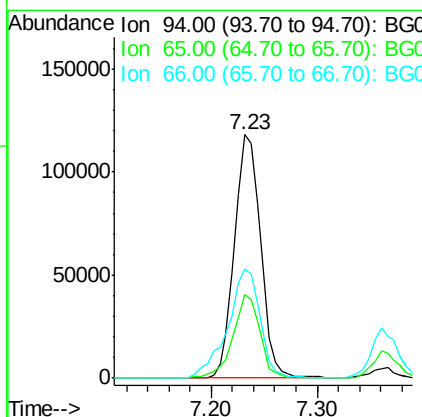
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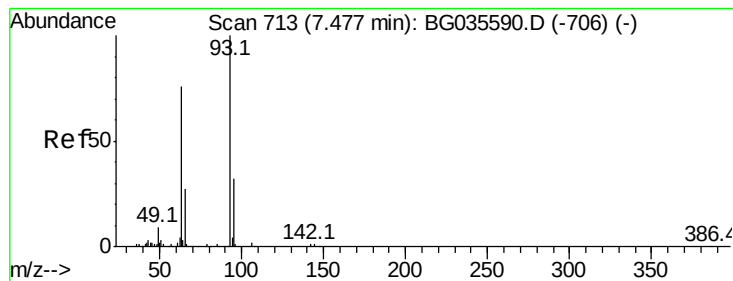
Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion:	94	Resp:	201793
Ion	Ratio	Lower	Upper
94	100		
65	34.3	11.9	51.9
66	44.9	22.2	62.2





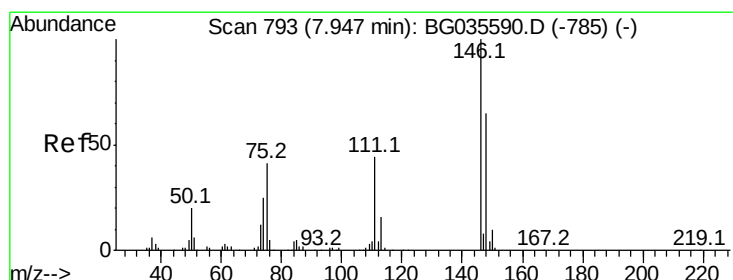
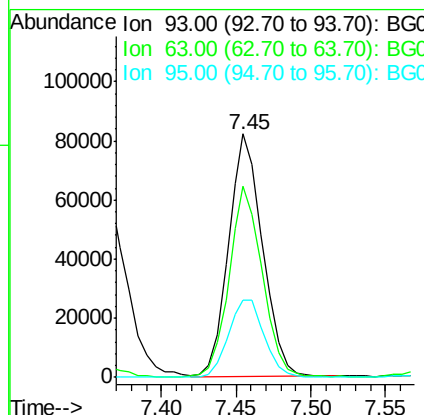
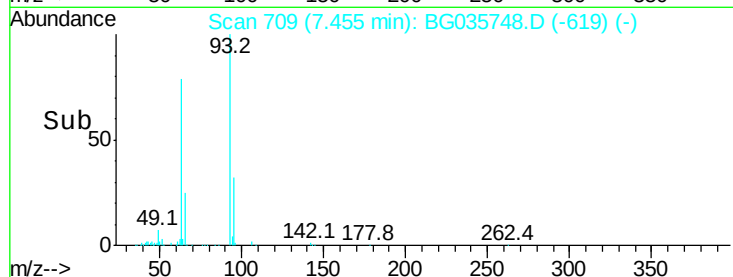
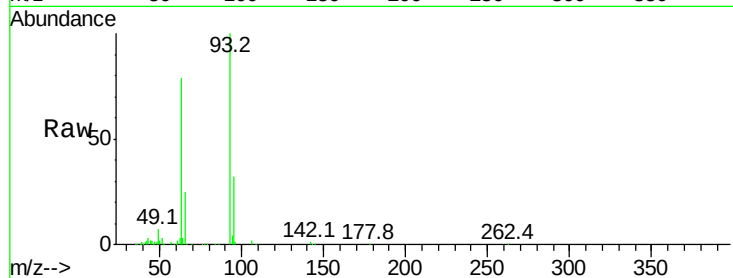
#11
bis(2-Chloroethyl)ether
Concen: 41.365 ng
RT: 7.45 min Scan# 709
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampled :
PB111228BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	78.6	67.1	107.1	
95	31.8	11.5	51.5	

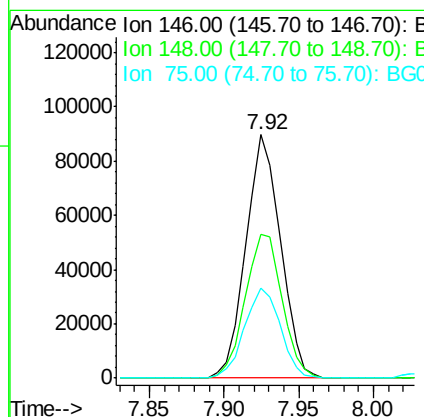
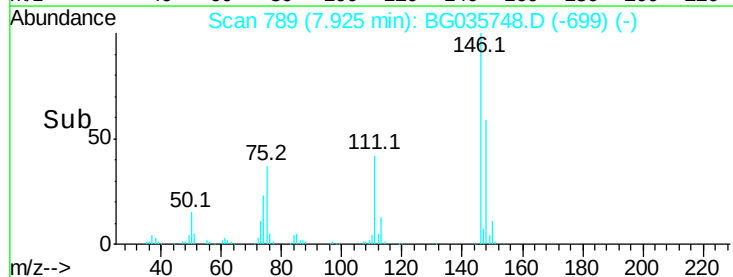
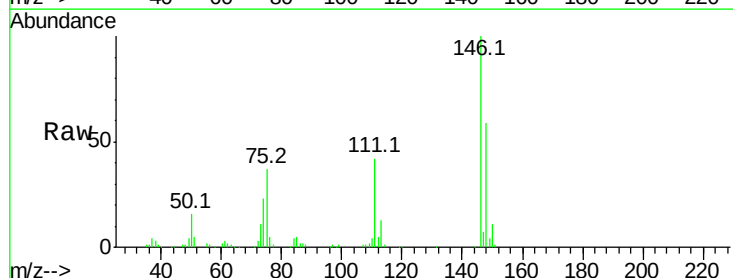
Manual Integrations
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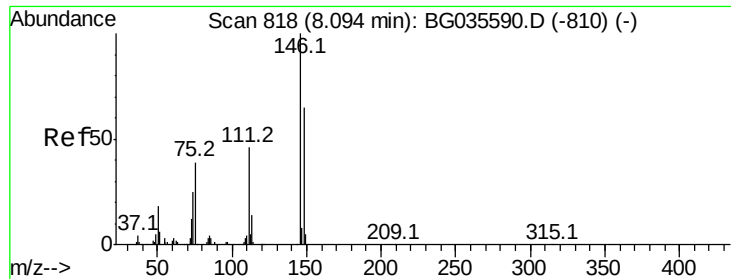
Sohil
7/19/2018 3:45:30 PM



#12
1,3-Dichlorobenzene
Concen: 44.153 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	58.9	51.4	77.2	
75	37.1	26.6	39.8	





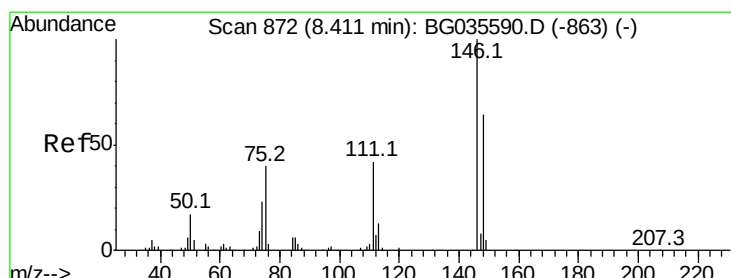
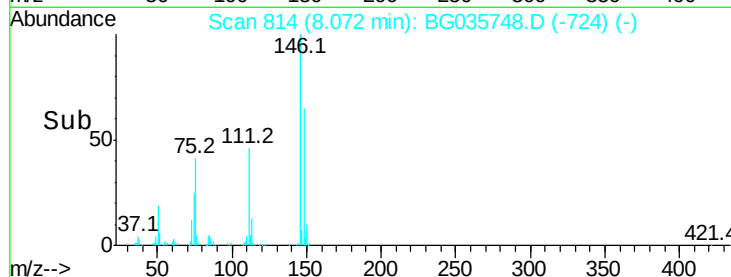
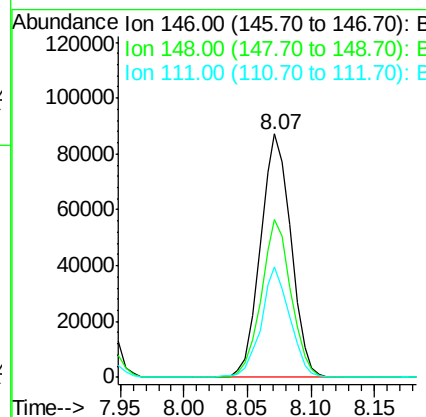
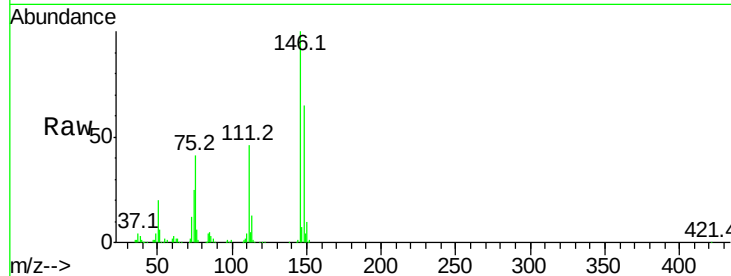
#13
 1,4-Dichlorobenzene
 Concen: 43.956 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.7	80.5
111	45.6	35.2	52.8

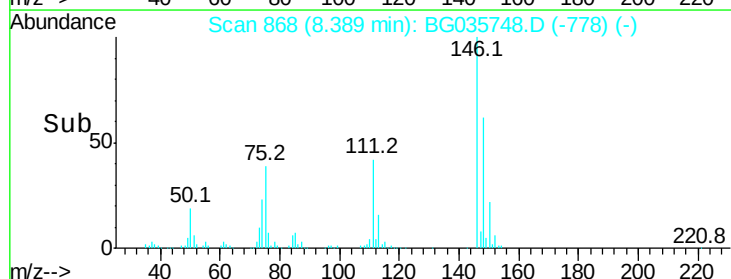
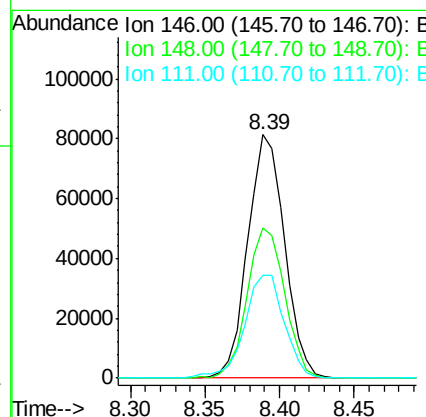
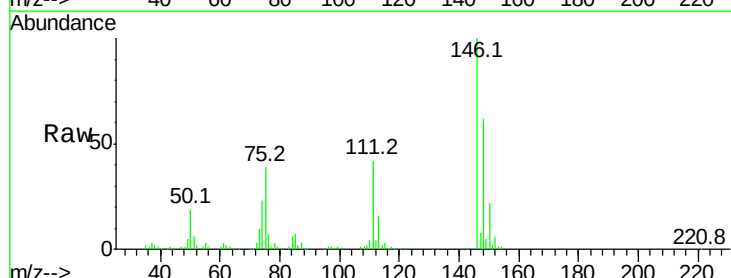
Manual Integrations
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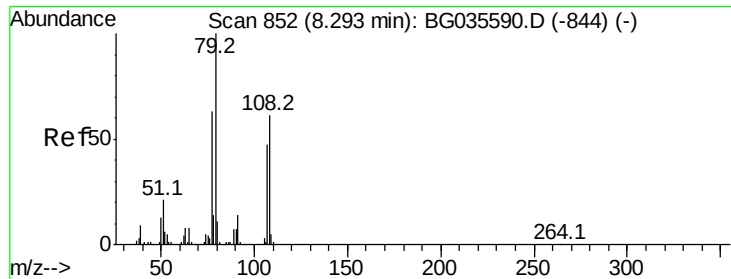
Sohil
 7/19/2018 3:45:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.348 ng
 RT: 8.39 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.3	73.9
111	42.2	34.3	51.5





#15

Benzyl Alcohol

Concen: 42.235 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

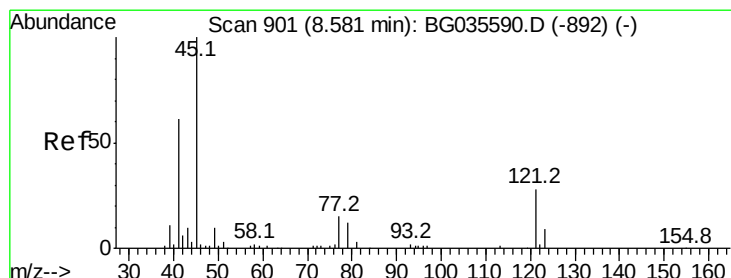
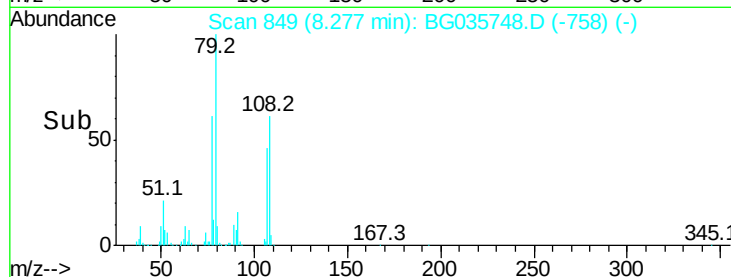
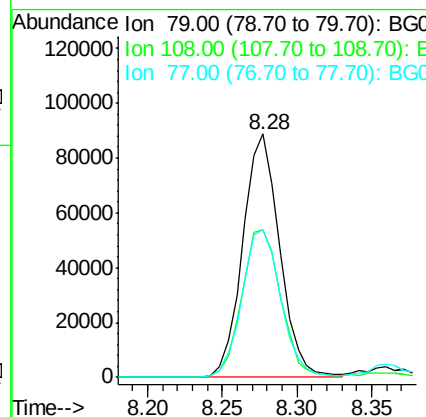
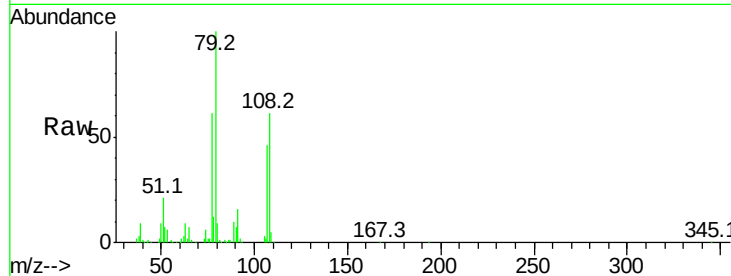
ClientSampleId :

PB111228BS

Tot Ion	79	Resp	152356
Ion Ratio	Lower	Upper	
79	100		
108	60.6	57.2	85.8
77	60.8	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.095 ng

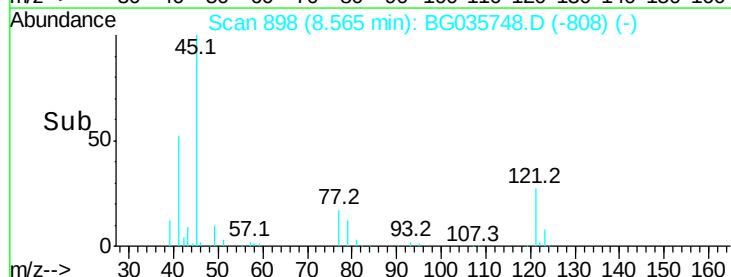
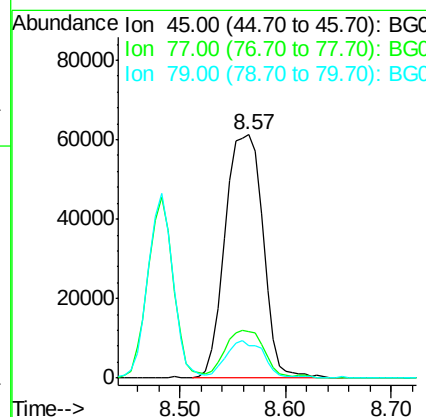
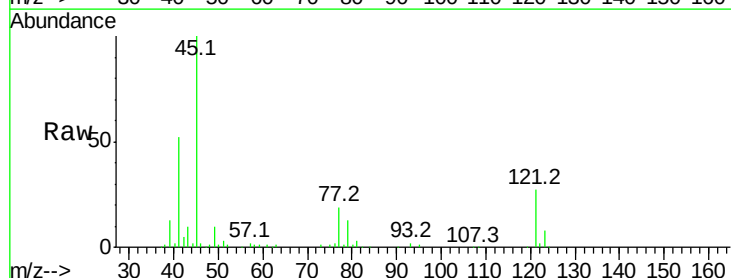
RT: 8.57 min Scan# 898

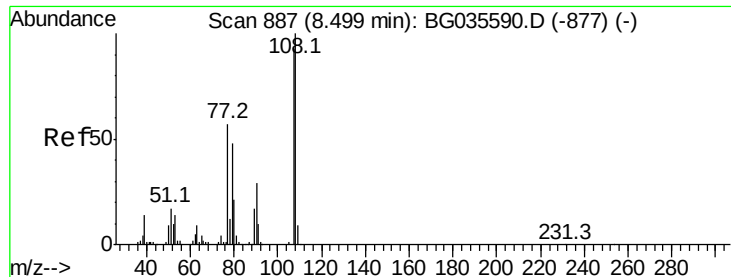
Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion	45	Resp	153083
Ion Ratio	Lower	Upper	
45	100		
77	19.1	0.0	30.2
79	13.4	0.0	27.9





#17

2-Methylphenol

Concen: 48.522 ng

RT: 8.48 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

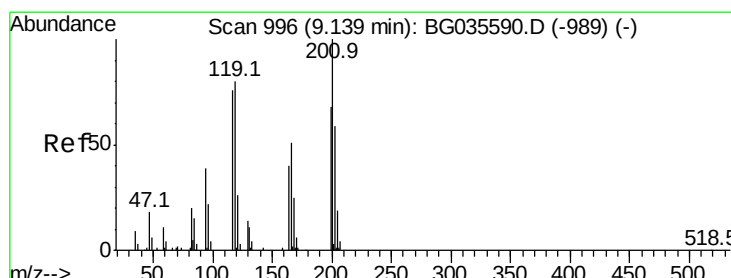
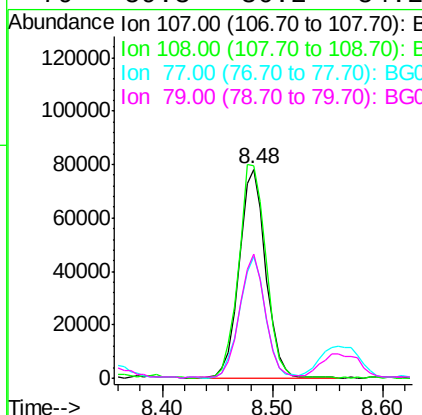
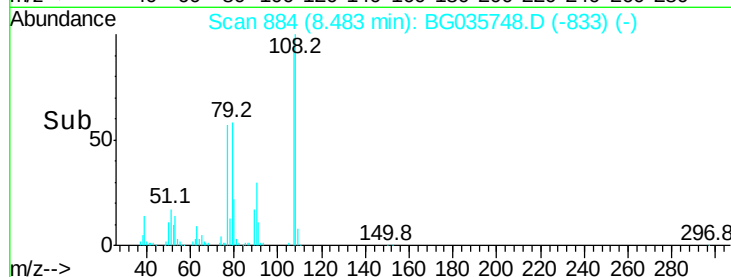
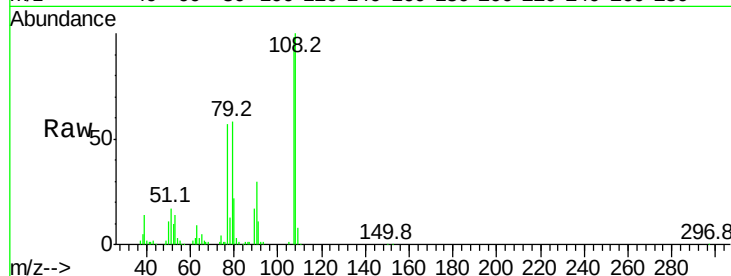
ClientSampleId :

PB111228BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	101.7	83.9	125.9	
77	58.3	37.2	55.8#	
79	59.3	36.2	54.2#	

Manual Integrations
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#18

Hexachloroethane

Concen: 41.741 ng

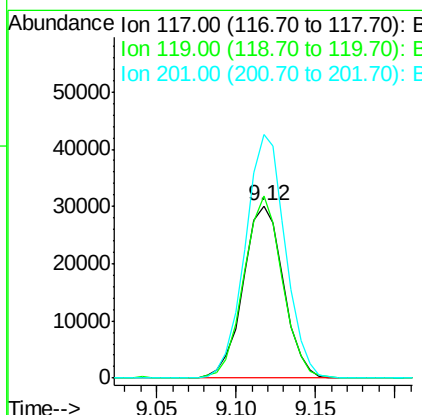
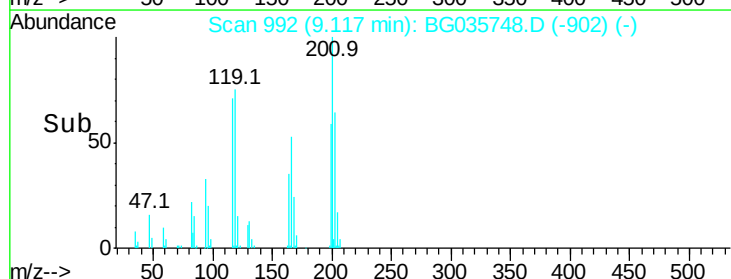
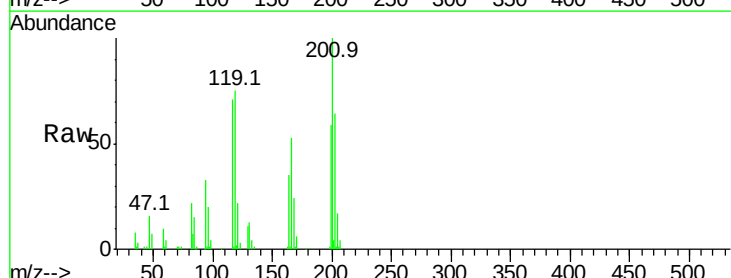
RT: 9.12 min Scan# 992

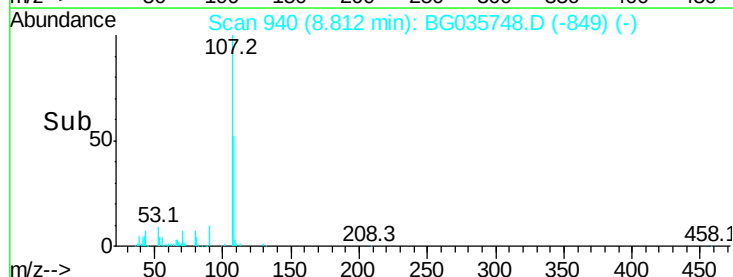
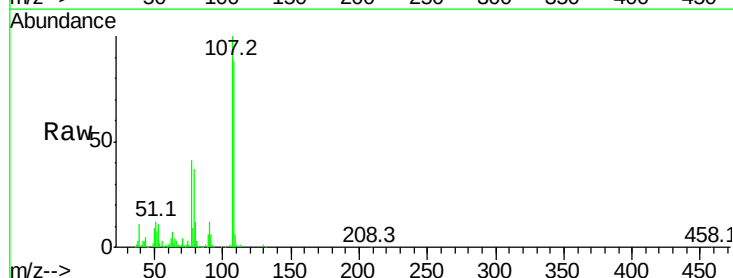
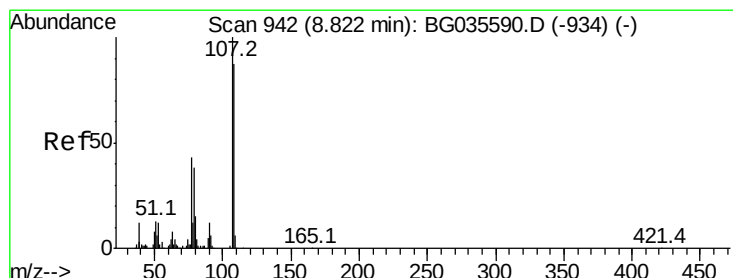
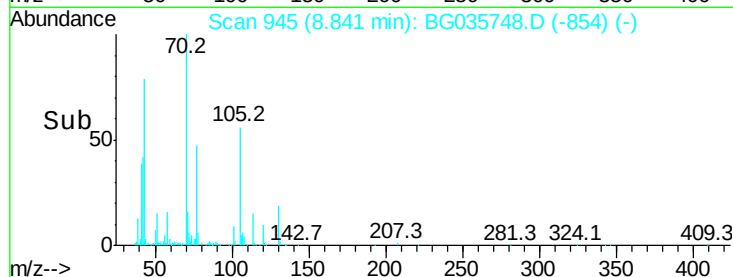
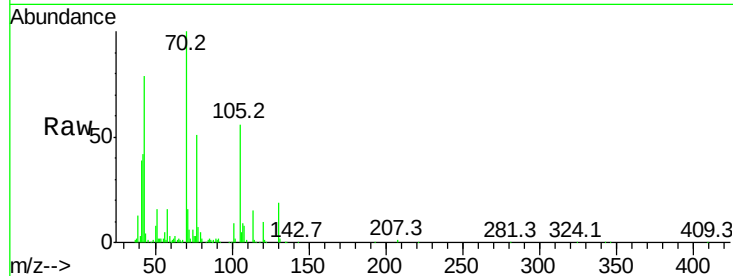
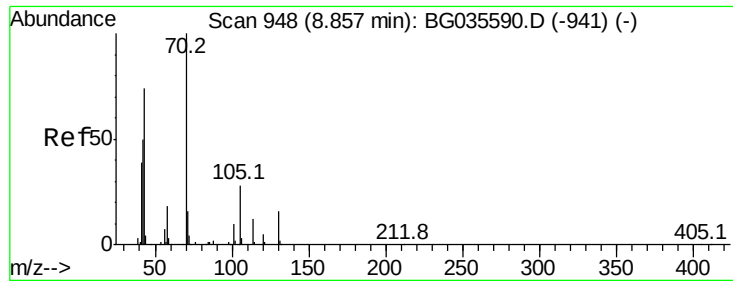
Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	105.6	76.7	115.1	
201	141.1	95.7	143.5	





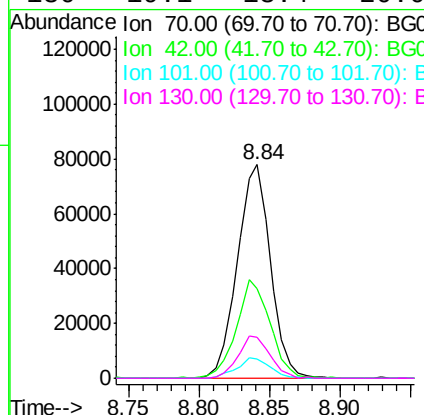
#19
n-Nitroso-di-n-propylamine
Concen: 38.125 ng
RT: 8.84 min Scan# 945
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	41.9	49.1	73.7#	
101	9.0	8.5	12.7	
130	19.1	13.4	20.0	

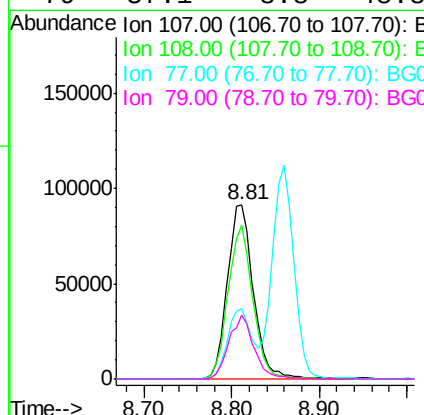
Manual Integrations
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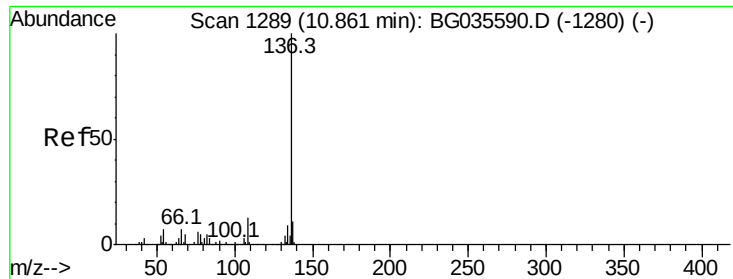
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#20
3+4-Methylphenols
Concen: 49.294 ng
RT: 8.81 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	61.6	101.6	
77	40.8	13.9	53.9	
79	37.1	8.8	48.8	





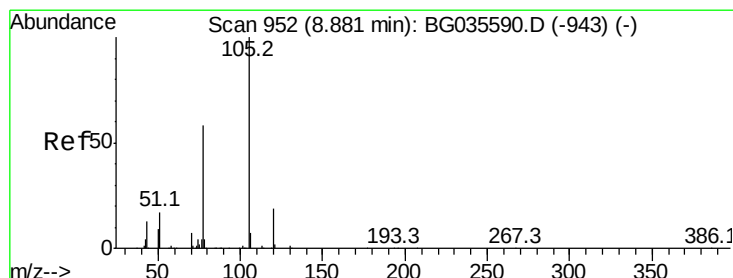
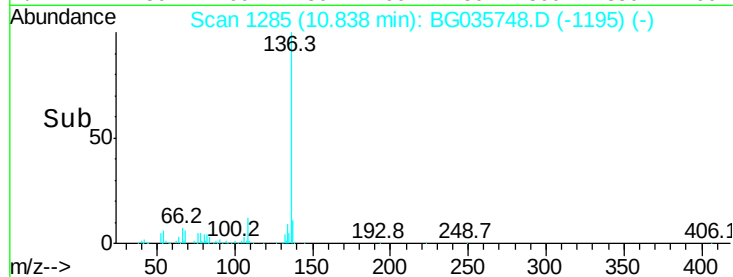
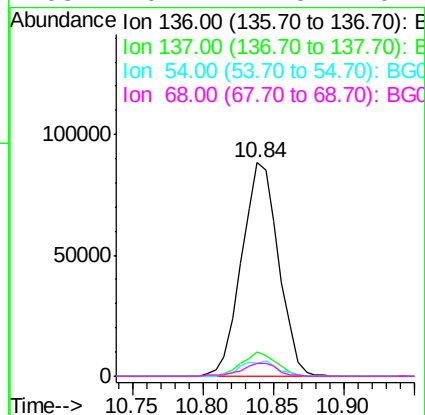
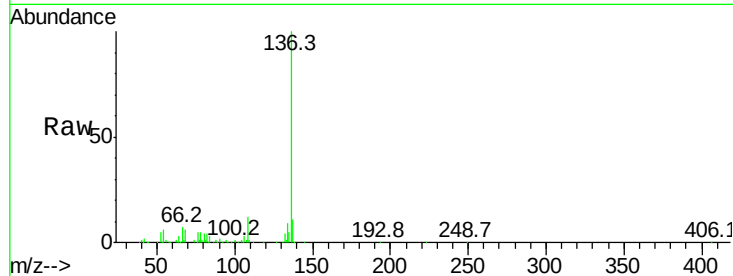
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampled :
PB111228BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.2	13.8	
54	6.1	10.3	15.5	
68	6.2	4.5	6.7	

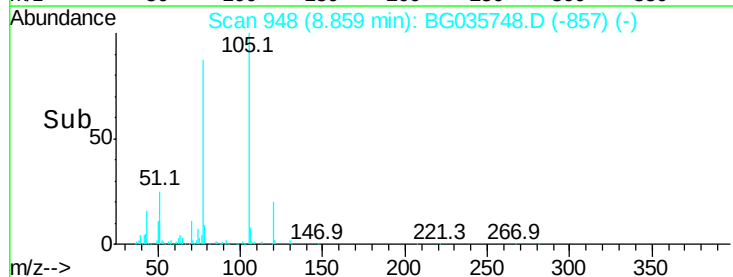
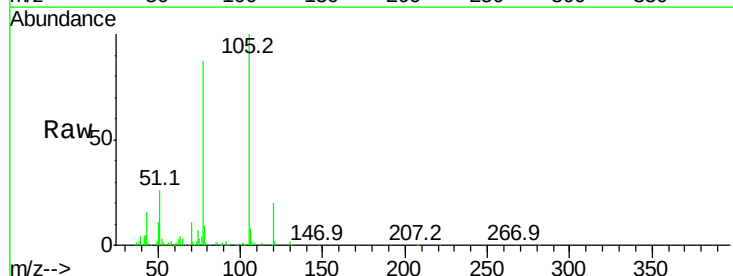
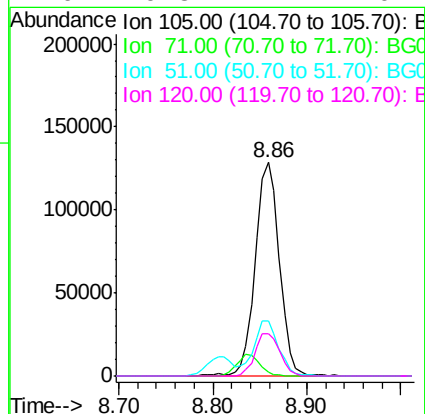
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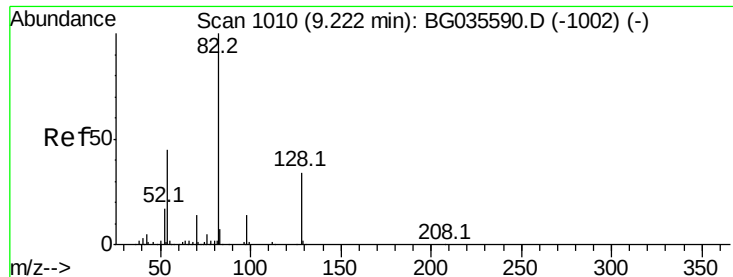
Sohil
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#22
Acetophenone
Concen: 45.765 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.6	3.0	4.4	
51	25.6	26.1	39.1	
120	19.8	17.4	26.2	





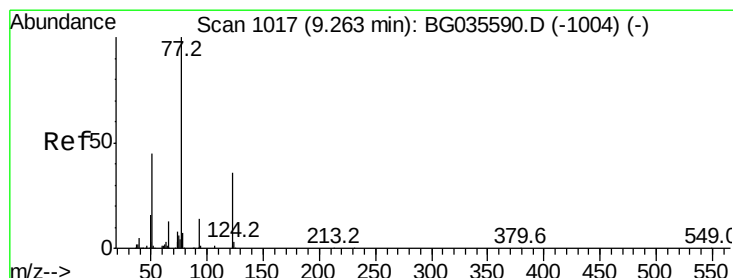
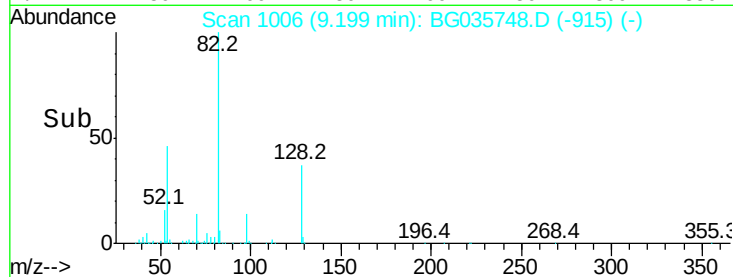
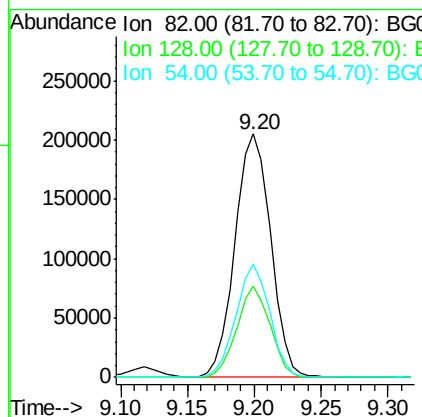
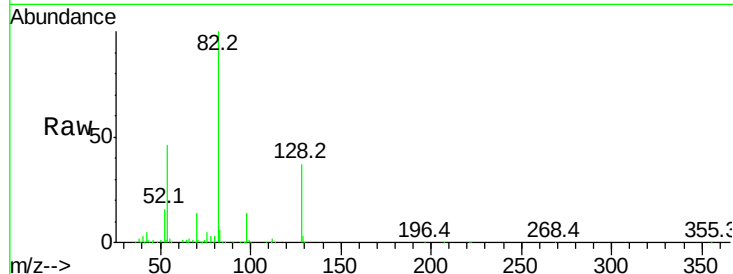
#23
Nitrobenzene-d5
Concen: 98.700 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.3	29.7	44.5	
54	46.3	43.1	64.7	

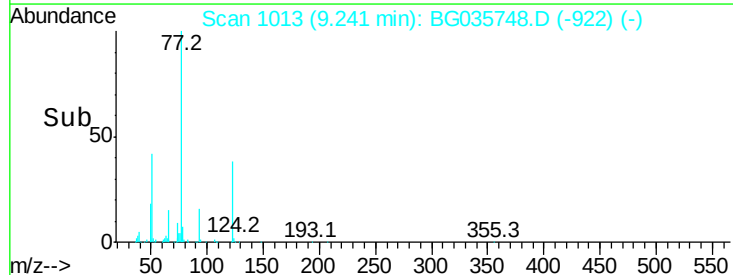
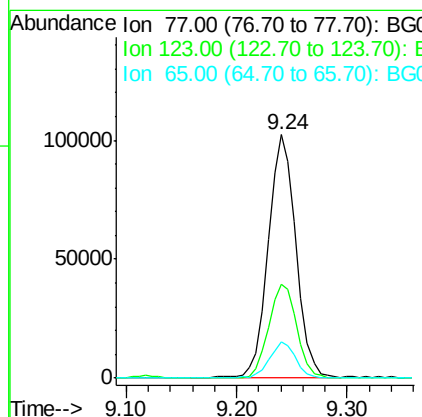
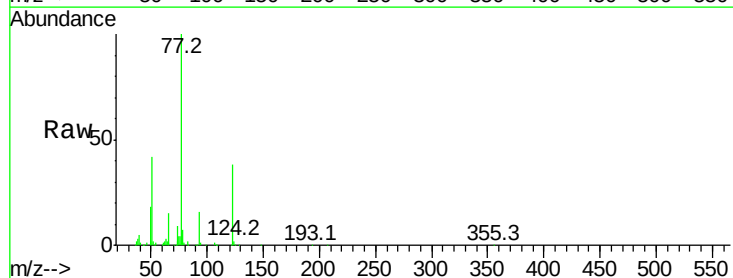
Manual Integrations
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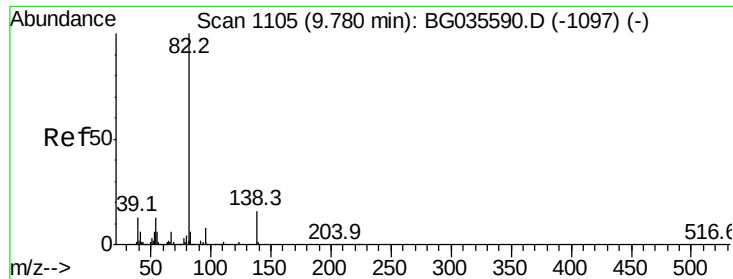
Sohil
7/19/2018 3:45:30 PM



#24
Nitrobenzene
Concen: 46.544 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.4	33.0	49.6	
65	14.7	13.0	19.6	





#25

Isophorone

Concen: 50.852 ng

RT: 9.76 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

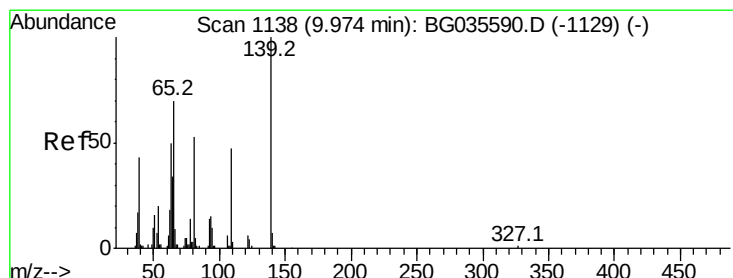
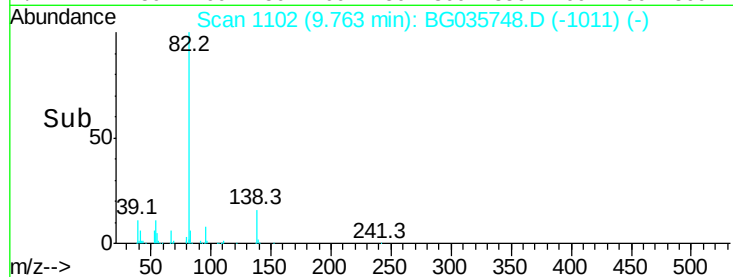
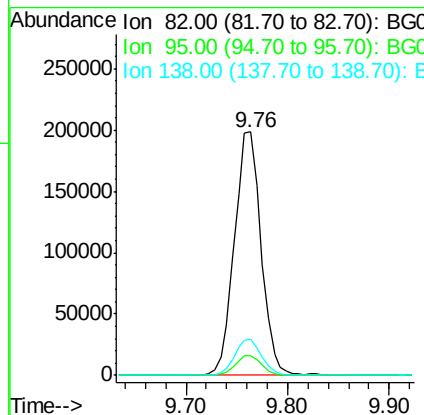
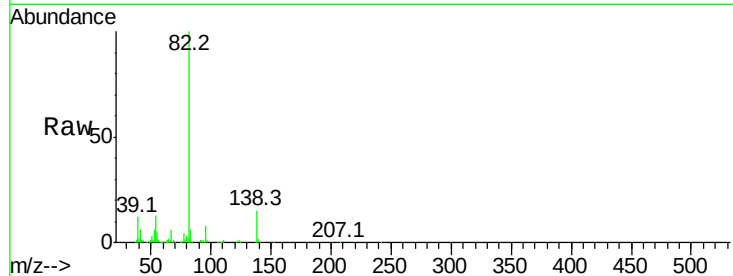
ClientSampled :

PB111228BS

Tot Ion:	82	Resp:	363213
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.2	9.2
138	15.0	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.428 ng

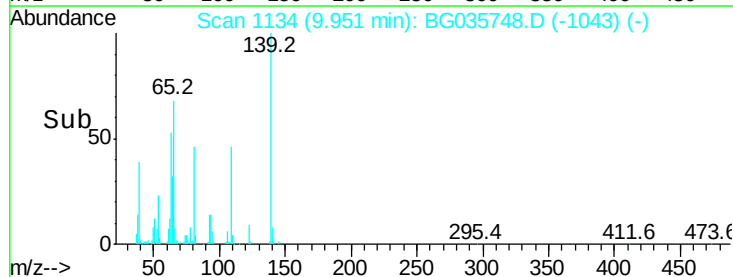
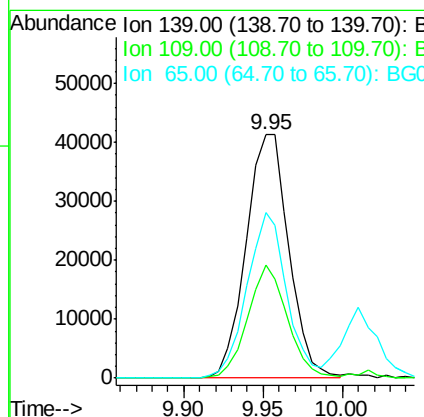
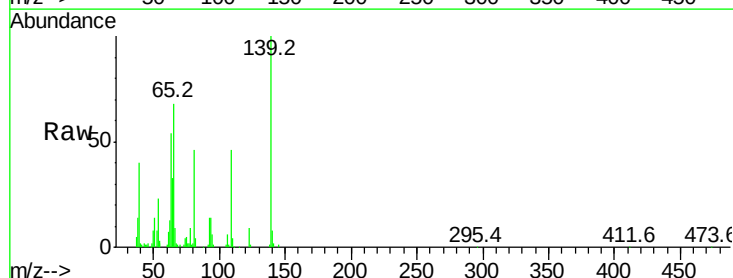
RT: 9.95 min Scan# 1134

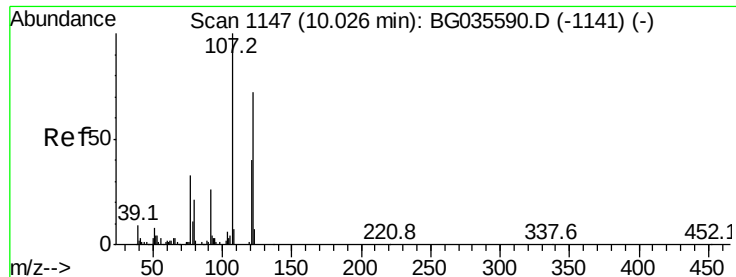
Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion:	139	Resp:	77548
Ion Ratio	Lower	Upper	
139	100		
109	46.3	24.2	36.2#
65	67.8	47.4	71.0





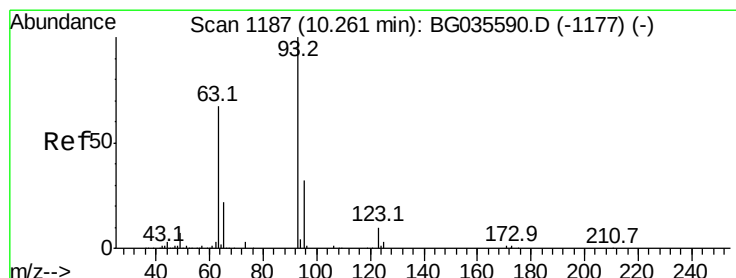
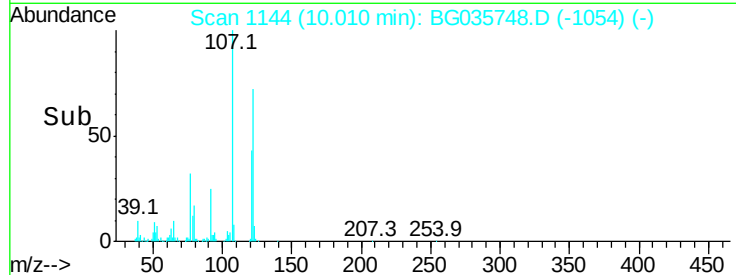
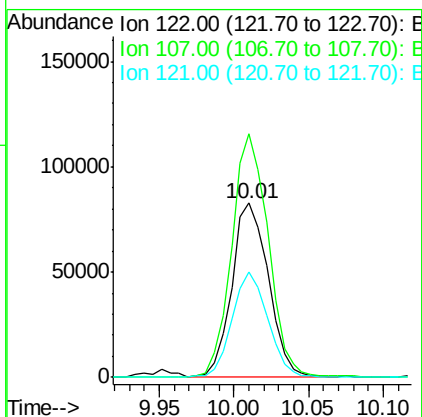
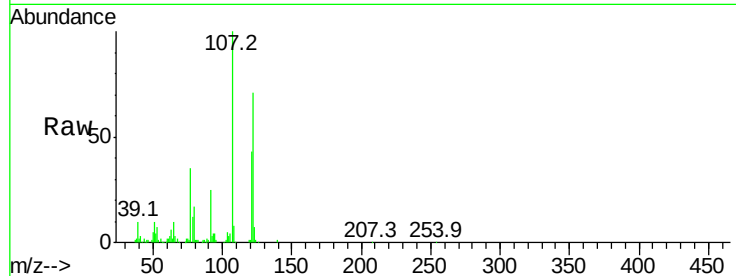
#27
2,4-Dimethylphenol
Concen: 60.292 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	140255		
107	140.0	100.2	150.2	
121	60.6	44.4	66.6	

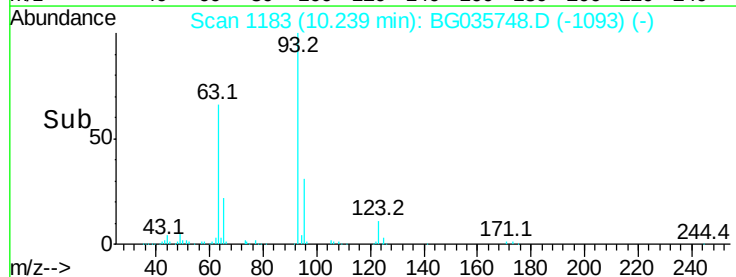
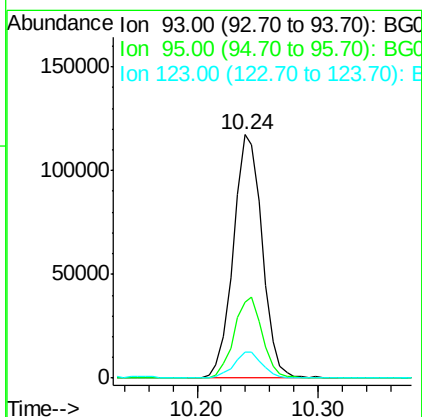
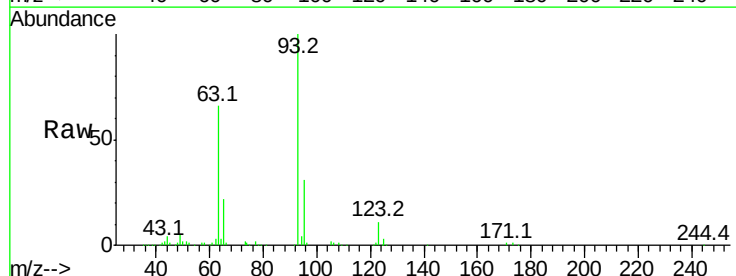
Manual Integrations
APPROVED

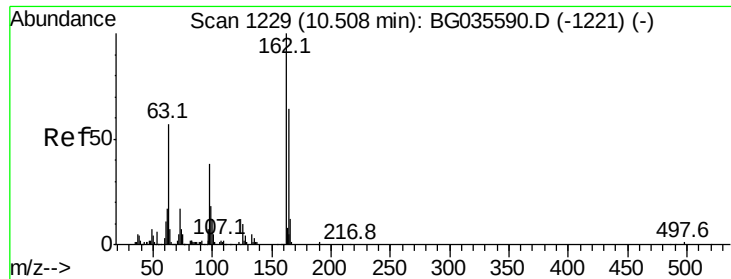
Sohil
7/19/2018 3:45:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.590 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	195175		
95	31.3	24.3	36.5	
123	10.5	8.4	12.6	





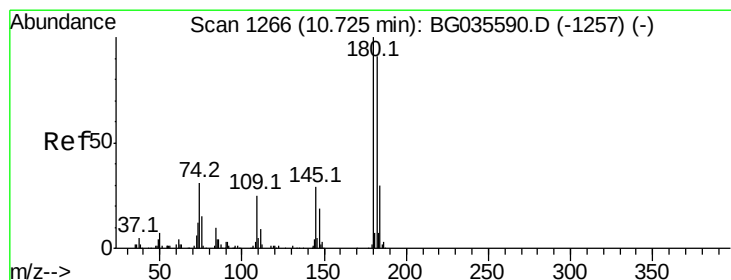
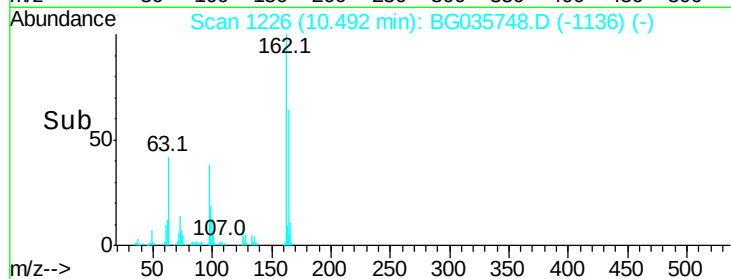
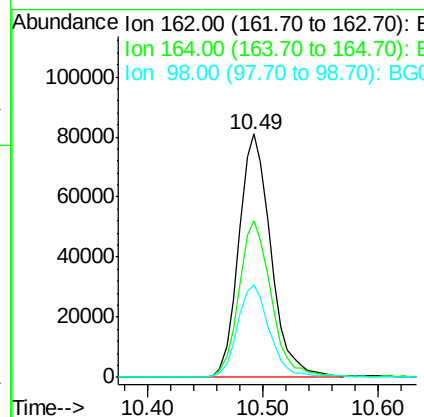
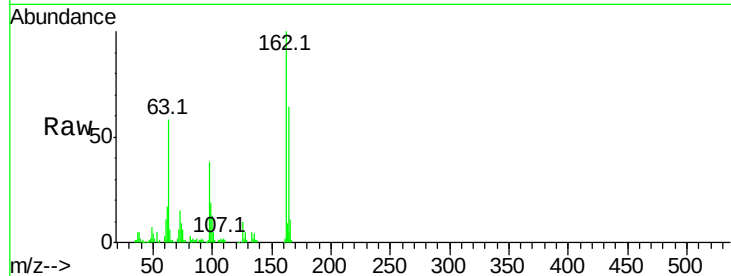
#29
2,4-Dichlorophenol
Concen: 58.847 ng
RT: 10.49 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampled :
PB111228BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	156266		
164	64.3	48.0	88.0	
98	37.9	21.1	61.1	

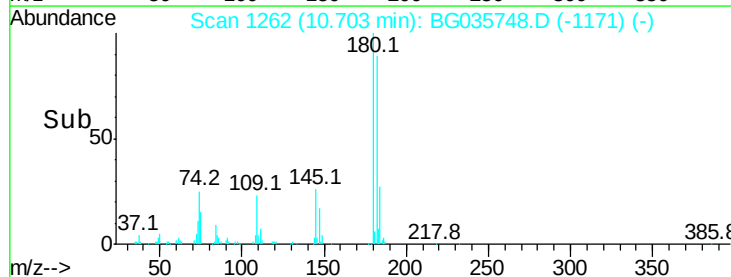
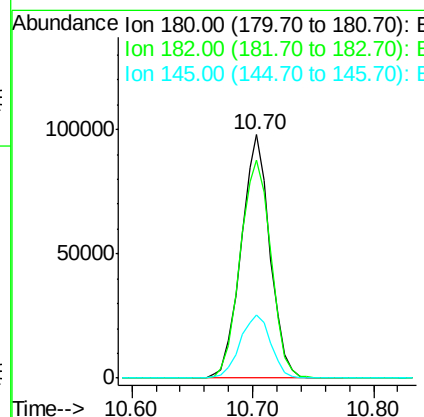
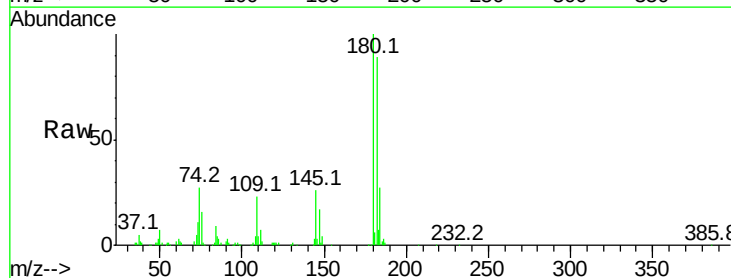
Manual Integrations
APPROVED

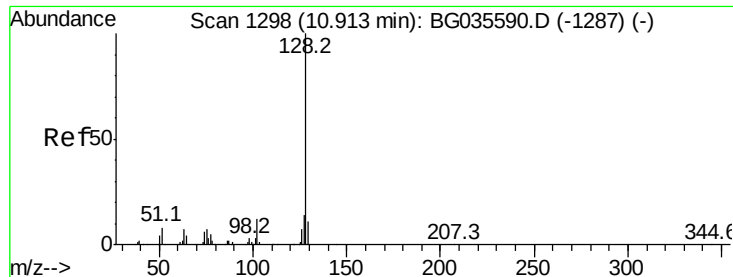
Sohil
7/19/2018 3:45:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 49.828 ng
RT: 10.70 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	162249		
182	89.5	77.5	116.3	
145	26.0	23.4	35.2	





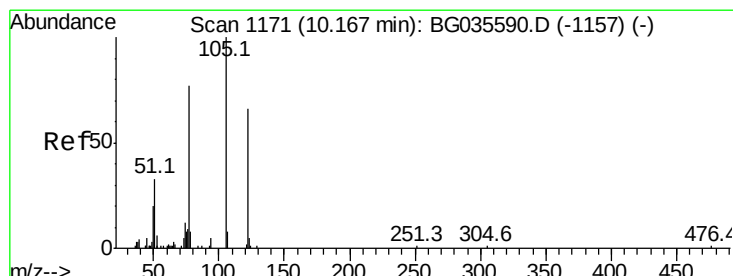
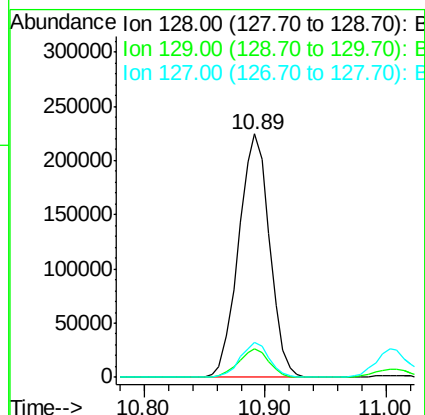
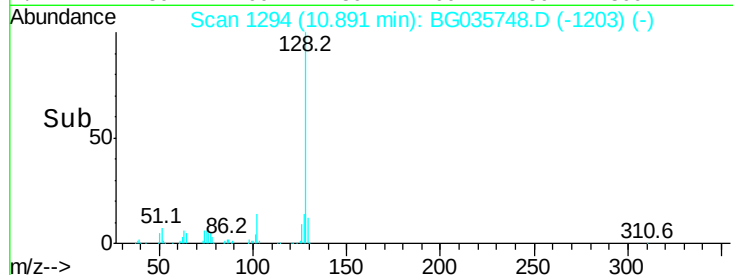
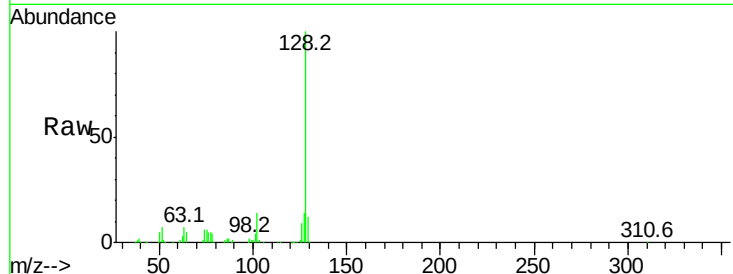
#31
Naphthalene
Concen: 47.837 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.9	8.6	12.8	
127	14.2	11.6	17.4	

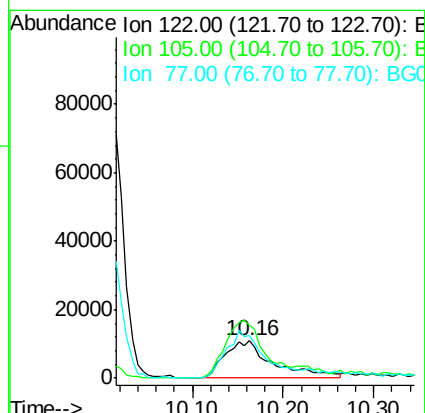
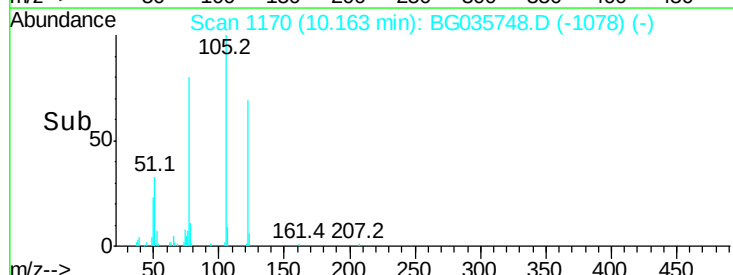
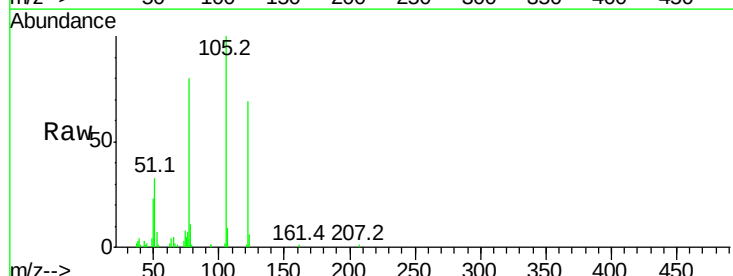
Manual Integrations
APPROVED

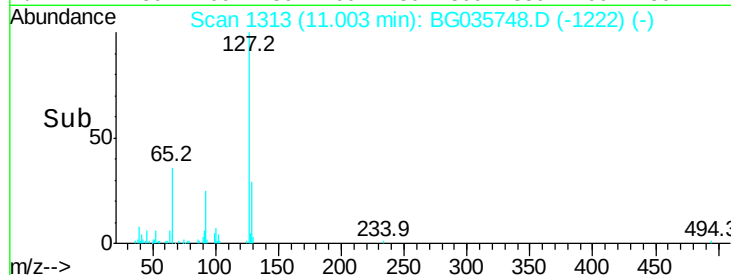
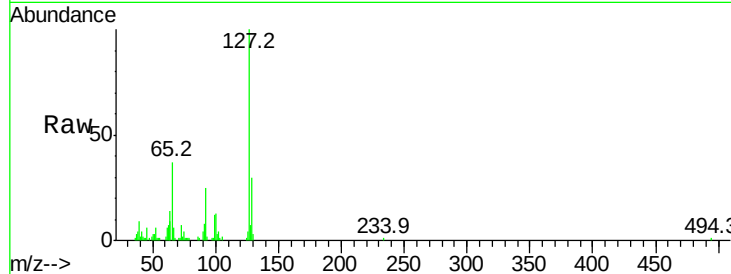
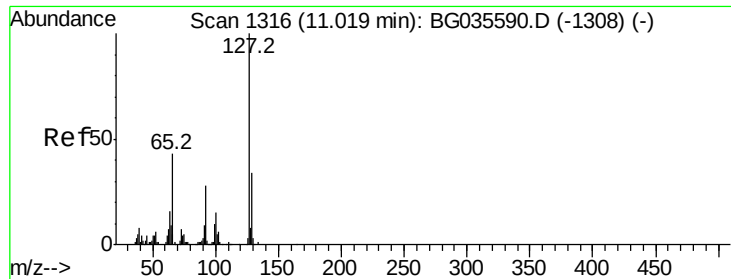
Sohil
7/19/2018 3:45:30 PM



#32
Benzoic acid
Concen: 24.756 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	144.0	123.5	163.5	
77	115.7	85.7	125.7	





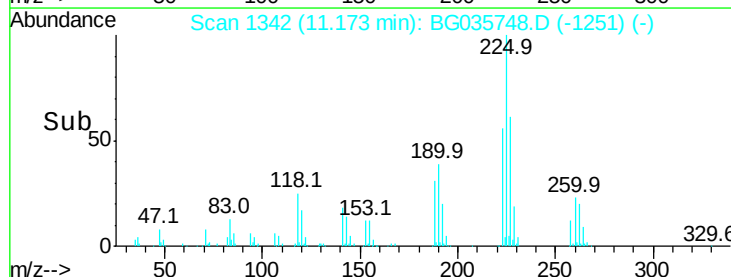
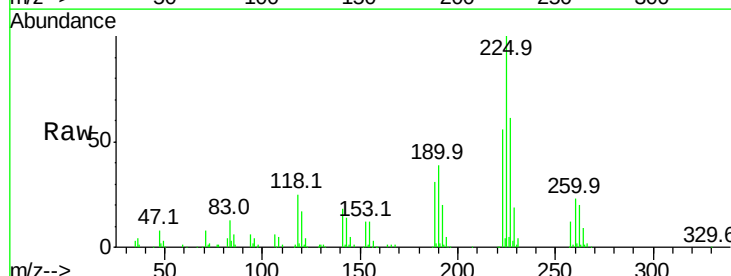
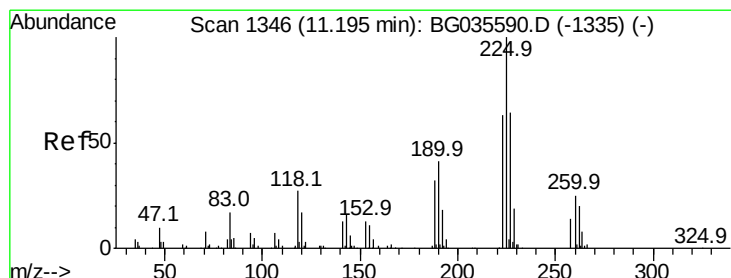
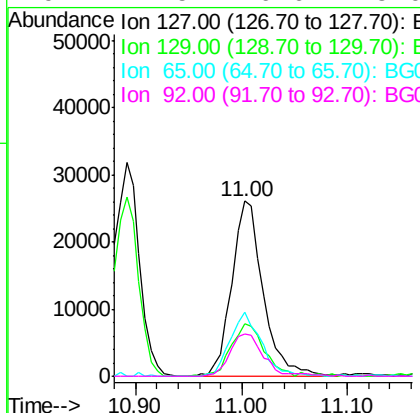
#33
4-Chloroaniline
Concen: 14.588 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.7	24.0	36.0		
65	36.6	27.0	40.4		
92	24.5	16.6	25.0		

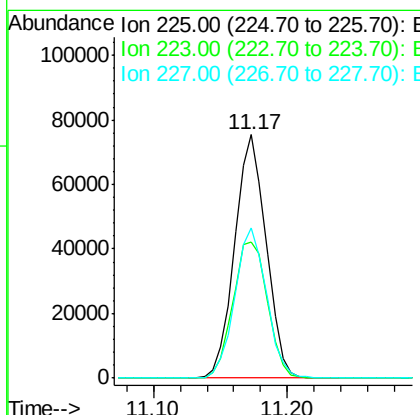
Manual Integrations
APPROVED

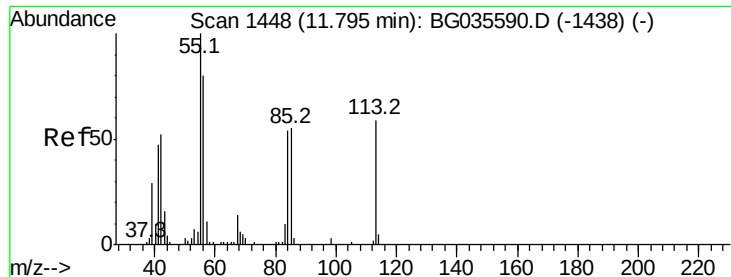
Sohil
7/19/2018 3:45:30 PM



#34
Hexachlorobutadiene
Concen: 48.468 ng
RT: 11.17 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	55.8	49.7	74.5		
227	61.5	48.1	72.1		





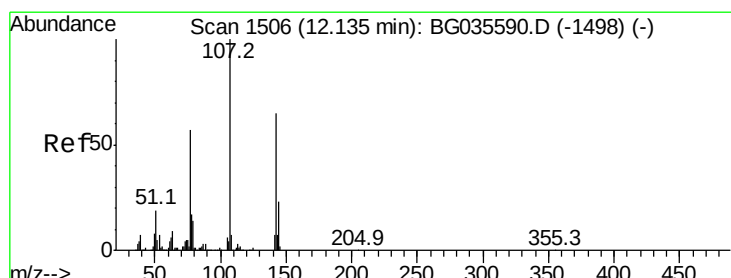
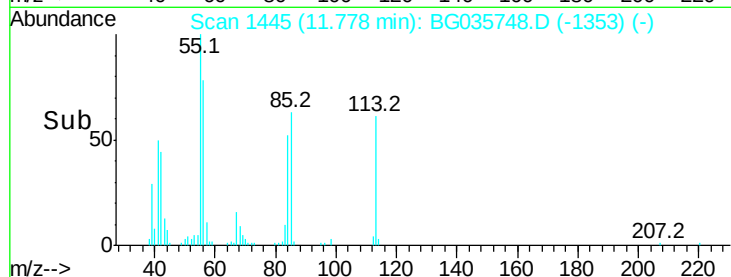
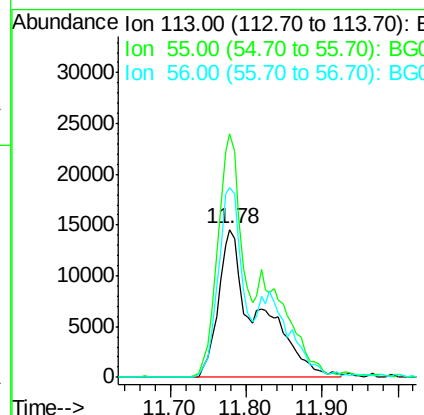
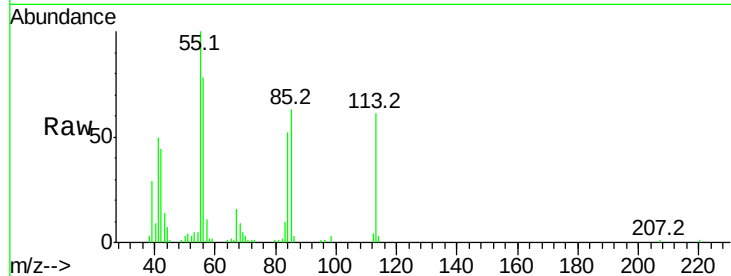
#35
 Caprolactam
 Concen: 46.673 ng/ml
 RT: 11.78 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BS

Tot Ion:113 Resp: 53187
 Ion Ratio Lower Upper
 113 100
 55 164.7 186.9 226.9#
 56 128.3 130.9 170.9#

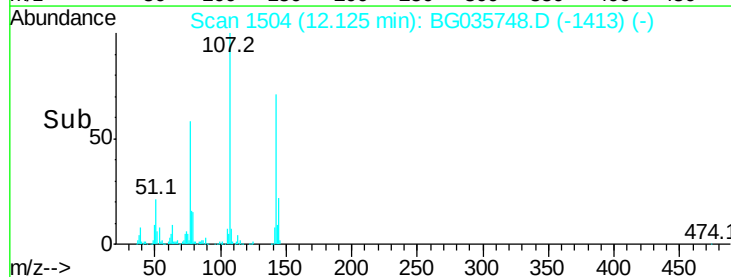
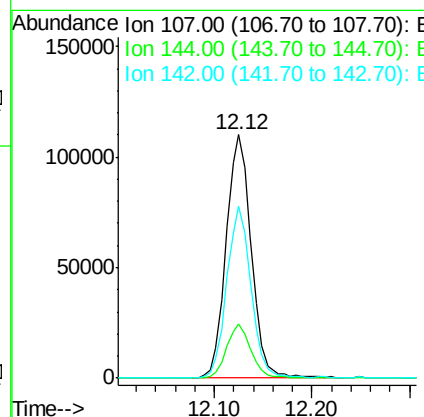
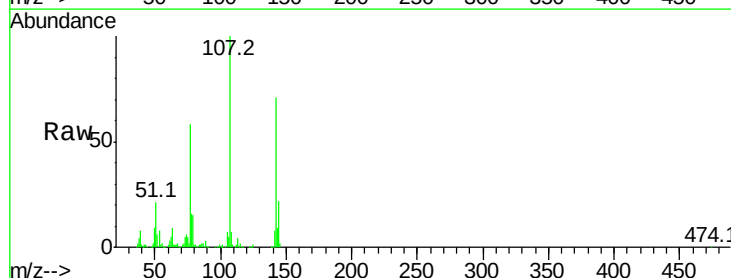
Manual Integrations
 APPROVED

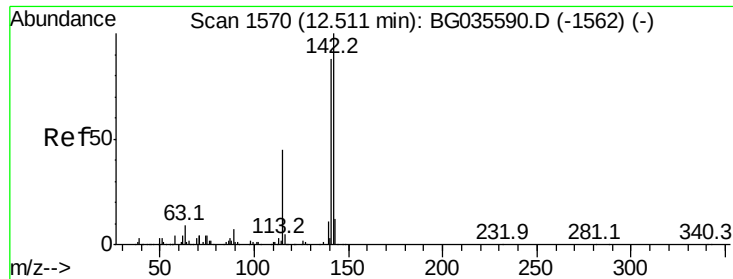
Sohil
 7/19/2018 3:45:30 PM



#36
 4-Chloro-3-methylphenol
 Concen: 55.121 ng/ml
 RT: 12.12 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion:107 Resp: 196199
 Ion Ratio Lower Upper
 107 100
 144 22.1 18.2 27.4
 142 70.7 59.0 88.4





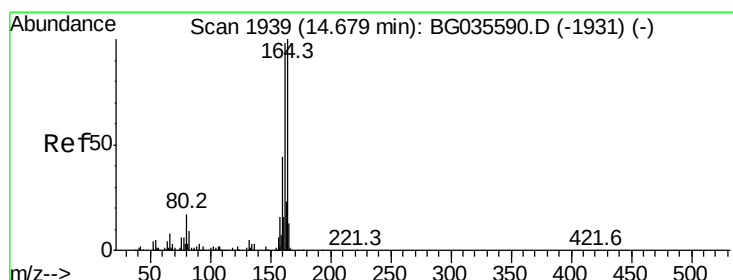
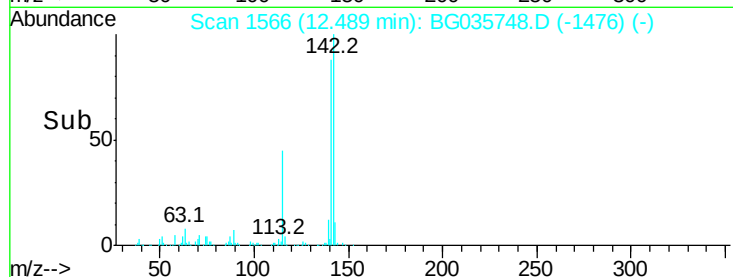
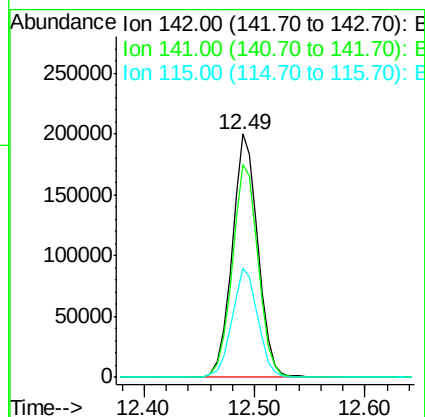
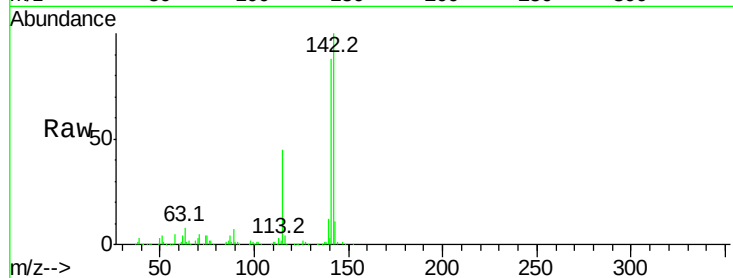
#37
2-Methylnaphthalene
Concen: 52.036 ng
RT: 12.49 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampled :
PB111228BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	67.1	100.7
115	45.0	30.7	46.1

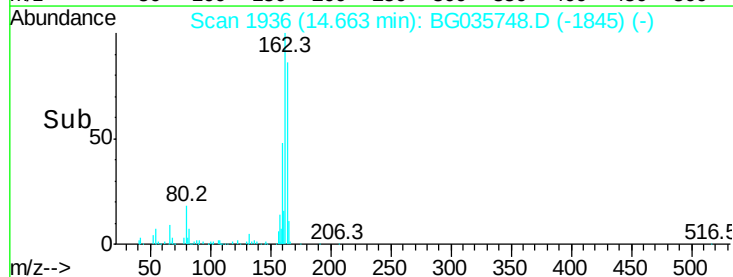
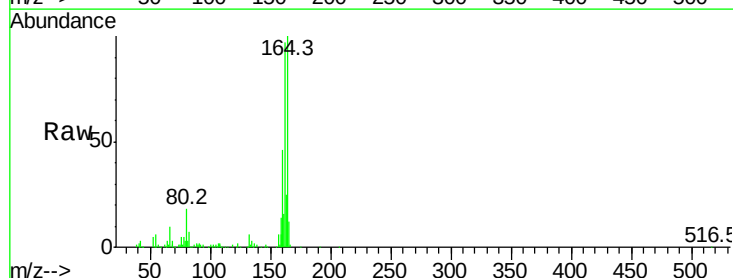
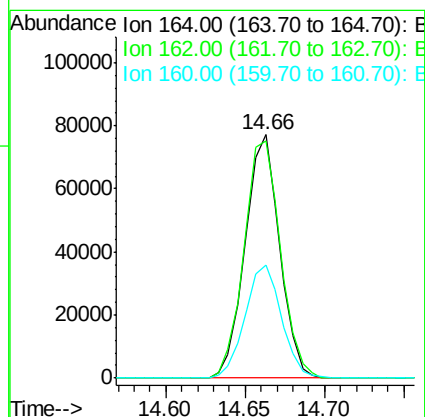
Manual Integrations
APPROVED

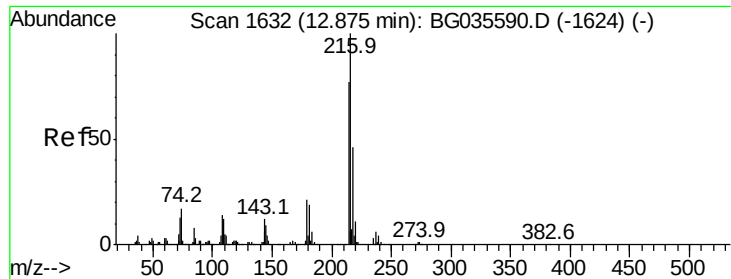
Sohil
7/19/2018 3:45:30 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	78.8	118.2
160	46.3	35.4	53.0





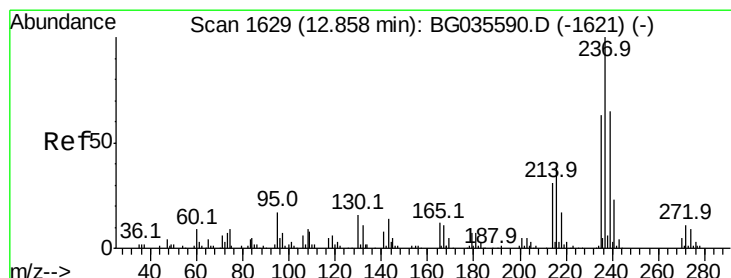
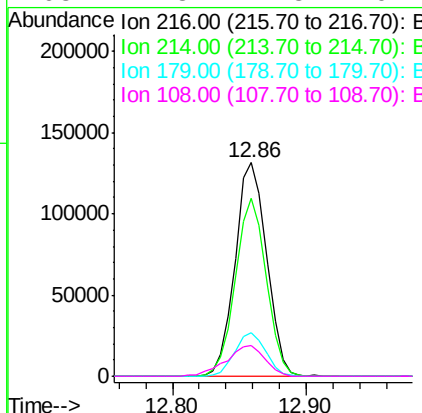
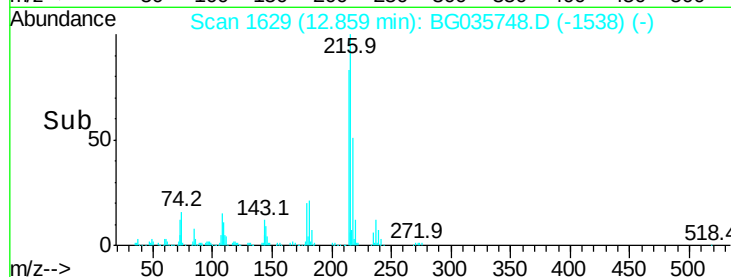
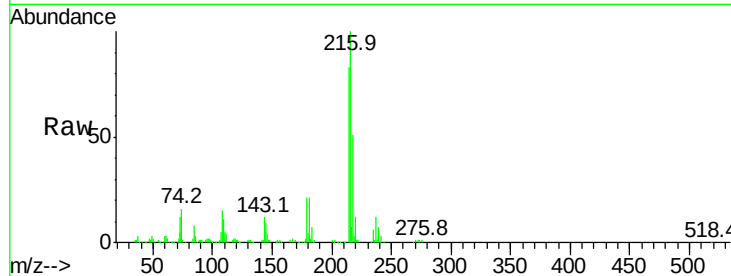
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.002 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	215054		
214	81.7	63.0	94.4	
179	20.4	17.0	25.6	
108	17.8	12.8	19.2	

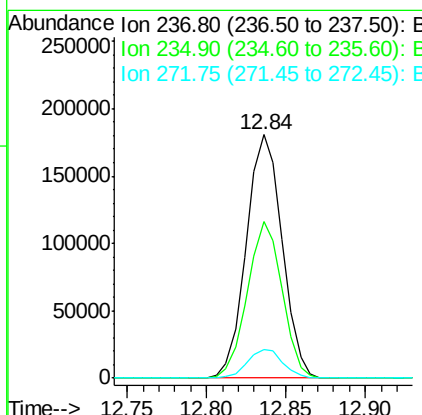
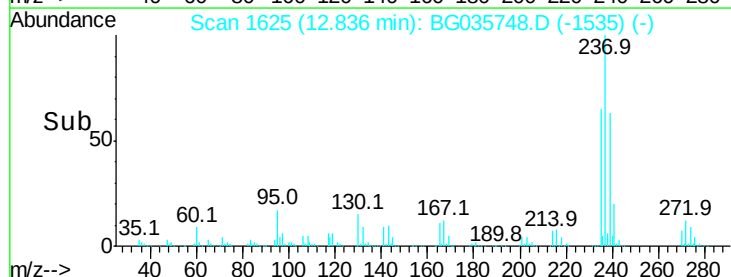
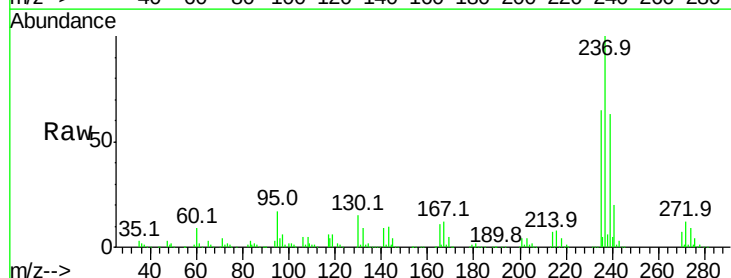
Manual Integrations
 APPROVED

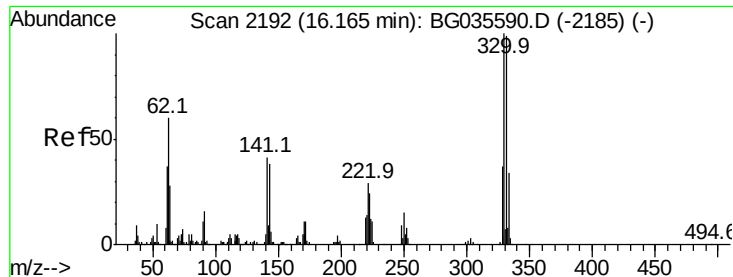
Sohil
 7/19/2018 3:45:30 PM



#40
 Hexachlorocyclopentadiene
 Concen: 123.231 ng
 RT: 12.84 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	283628		
235	64.5	50.4	90.4	
272	11.7	0.0	31.8	





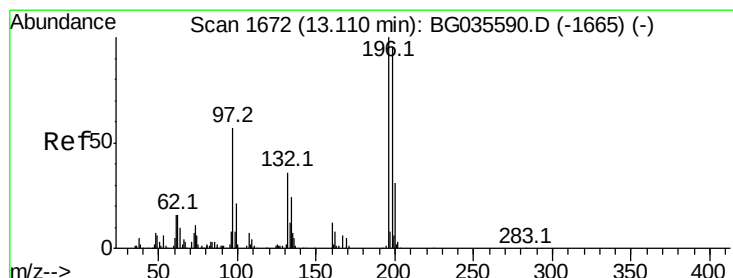
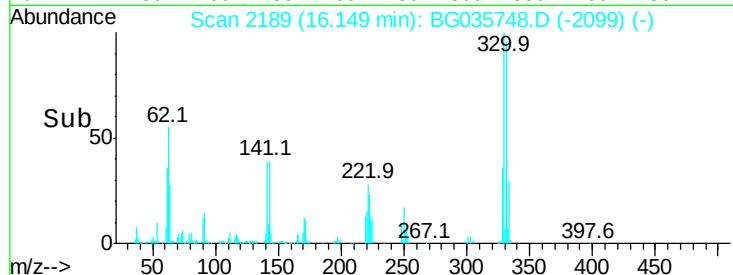
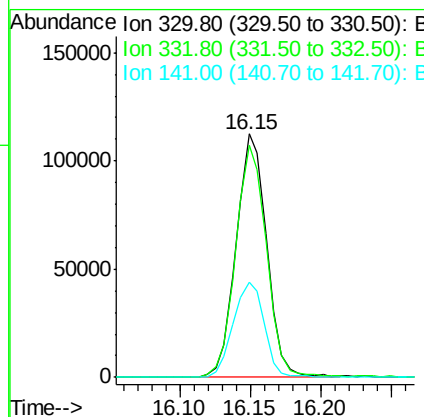
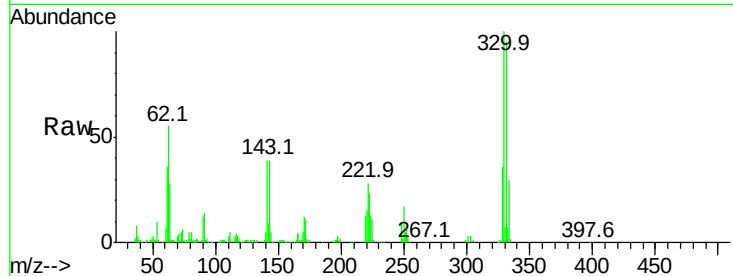
#41
 2,4,6-Tribromophenol
 Concen: 110.598 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleID :
 PB111228BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	39.9	25.2	37.8

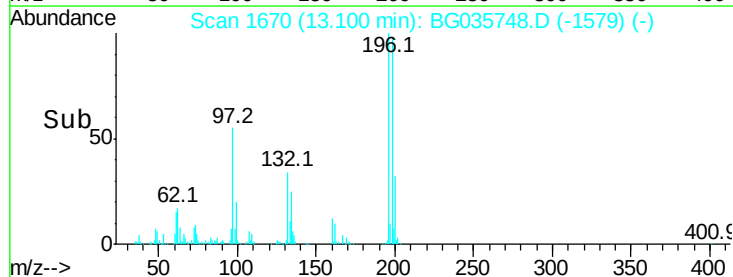
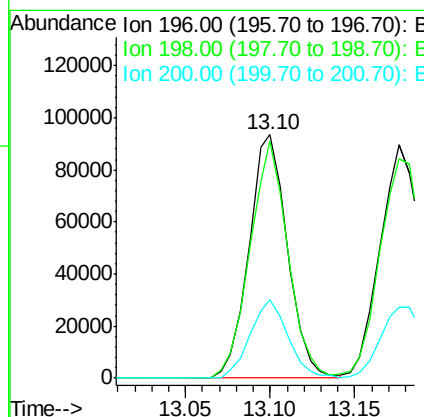
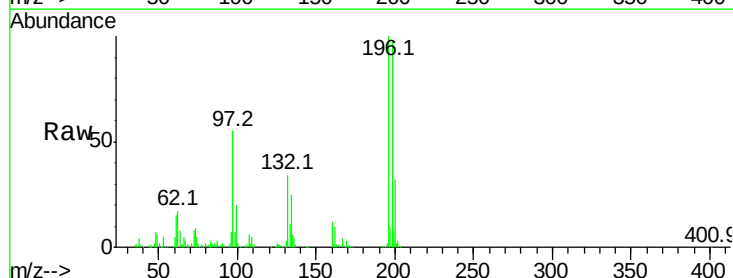
Manual Integrations
 APPROVED

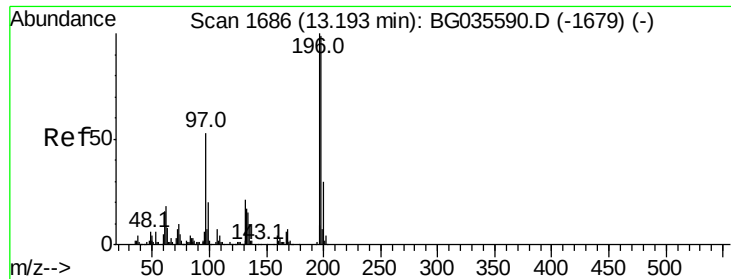
Sohil
 7/19/2018 3:45:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 57.530 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	78.2	117.2
200	32.0	24.6	36.8





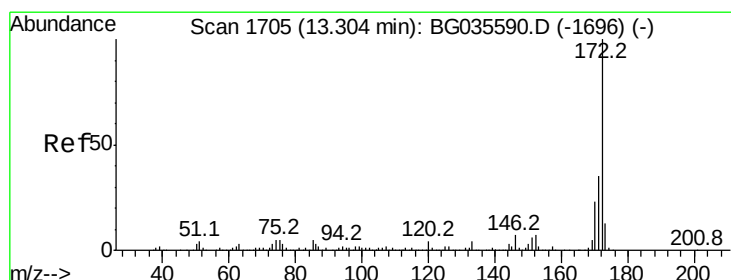
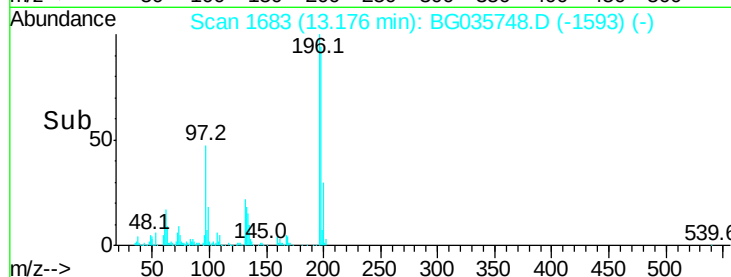
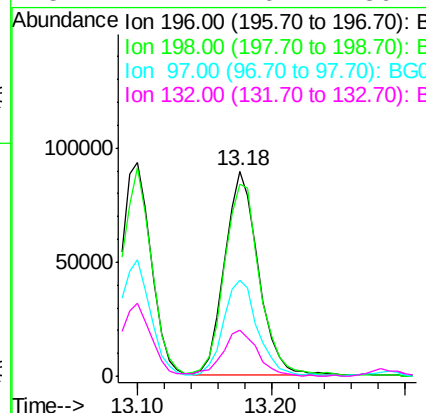
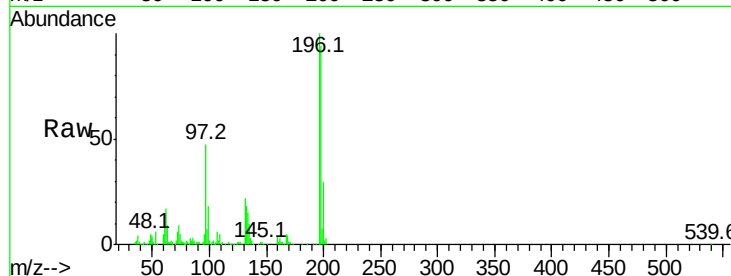
#43
2,4,5-Trichlorophenol
Concen: 55.111 ng
RT: 13.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158232		
198	93.7	76.2	114.4	
97	47.1	38.7	58.1	
132	22.4	20.2	30.2	

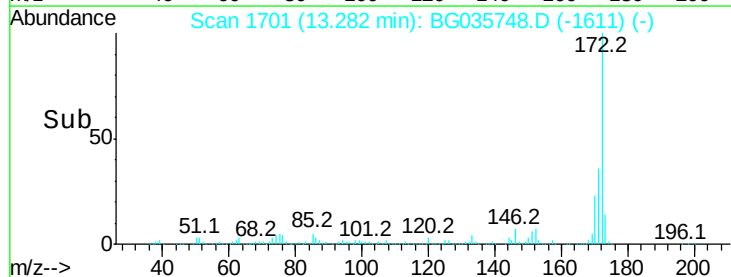
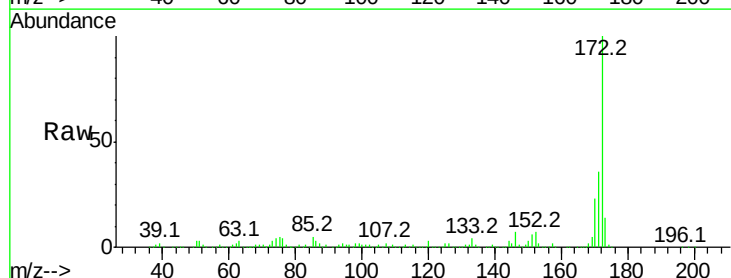
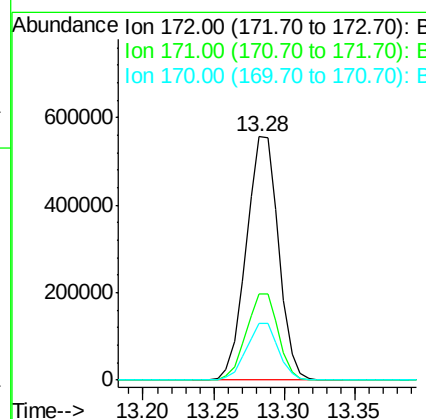
Manual Integrations
APPROVED

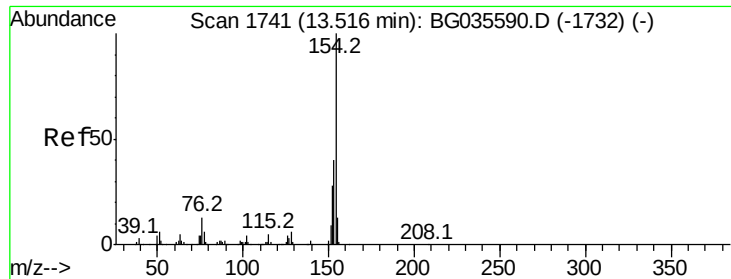
Sohil
7/19/2018 3:45:30 PM



#44
2-Fluorobiphenyl
Concen: 102.750 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	891769		
171	35.6	30.0	45.0	
170	23.3	19.5	29.3	





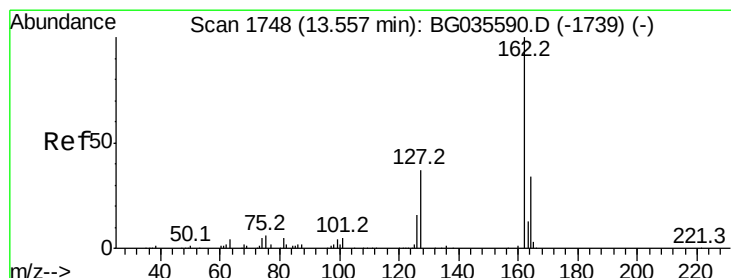
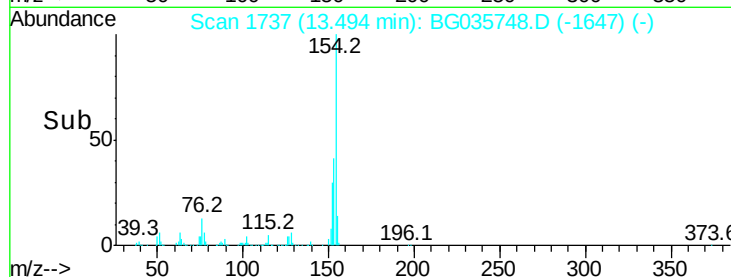
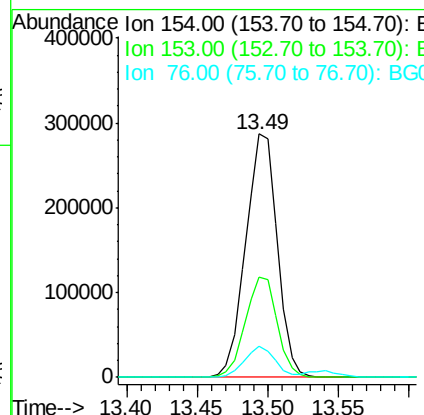
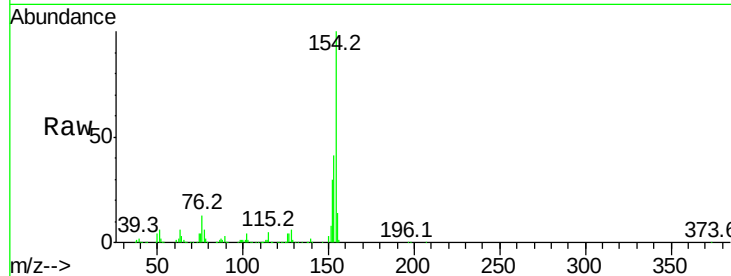
#45
 1,1'-Biphenyl
 Concen: 49.933 ng
 RT: 13.49 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	19.8	59.8	
76	12.5	0.0	31.9	

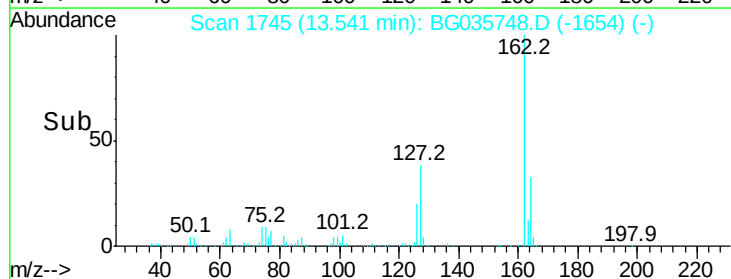
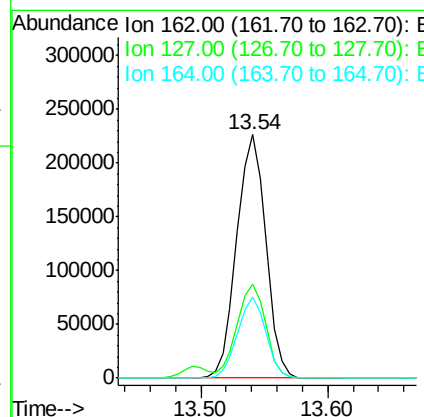
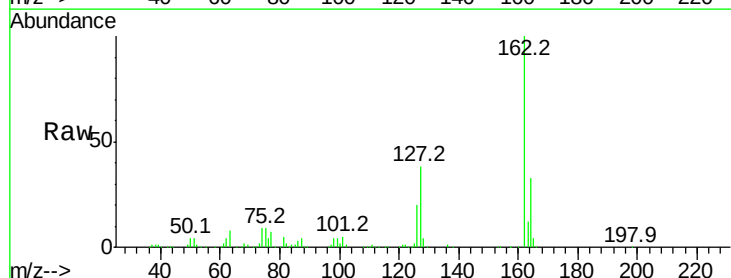
Manual Integrations
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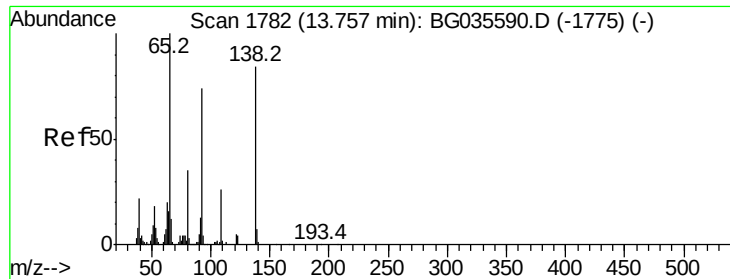
Sohil
 7/19/2018 3:45:30 PM



#46
 2-Chloronaphthalene
 Concen: 51.183 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.3	30.7	46.1	
164	33.2	26.0	39.0	





#47

2-Nitroaniline

Concen: 50.007 ng

RT: 13.75 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

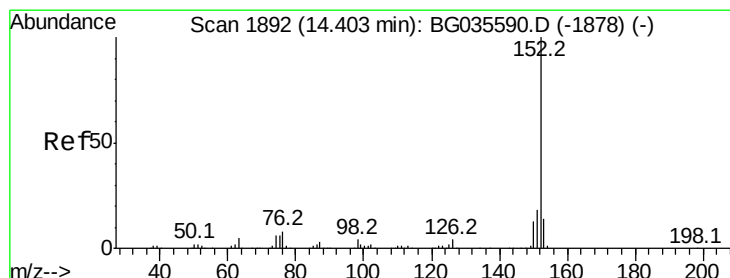
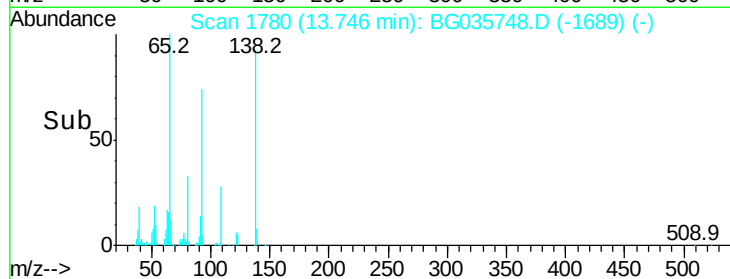
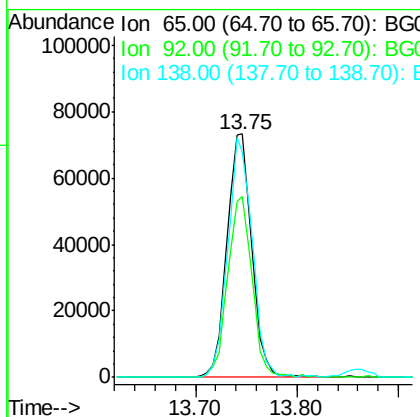
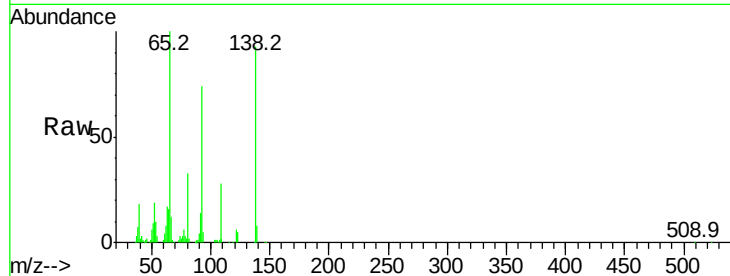
ClientSampleId :

PB111228BS

Tot Ion:	65	Resp:	123968
Ion Ratio	Lower	Upper	
65	100		
92	74.2	54.6	82.0
138	92.7	72.9	109.3

Manual Integrations
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7/19/2018 3:45:30 PM



#48

Acenaphthylene

Concen: 50.316 ng

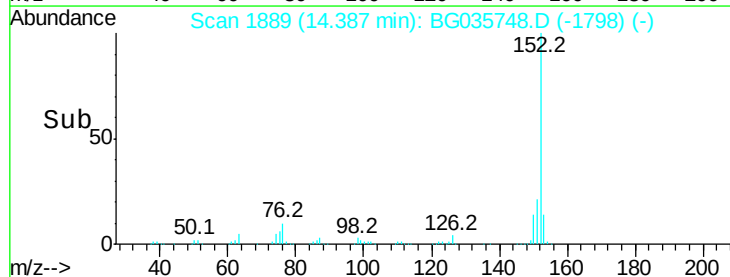
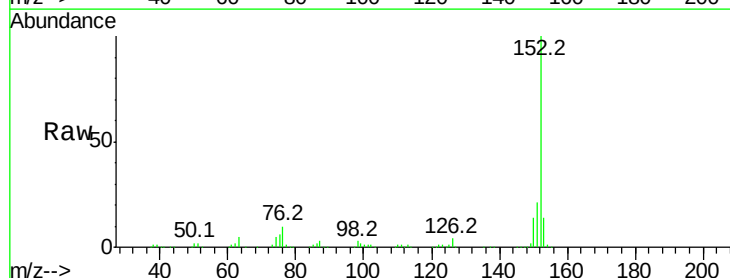
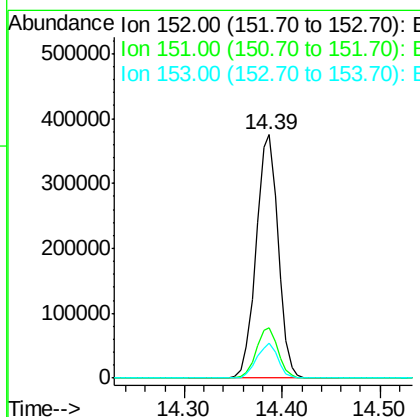
RT: 14.39 min Scan# 1889

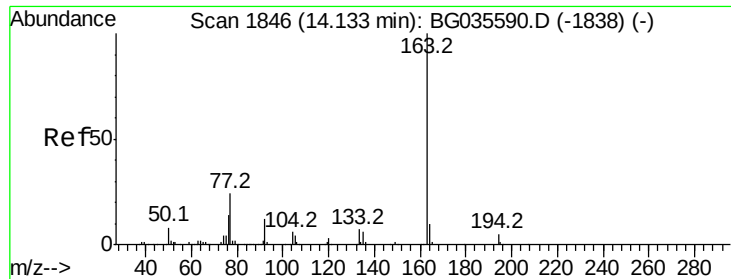
Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion:	152	Resp:	591013
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.2	25.8
153	14.3	10.2	15.4





#49

Dimethylphthalate

Concen: 48.817 ng

RT: 14.12 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

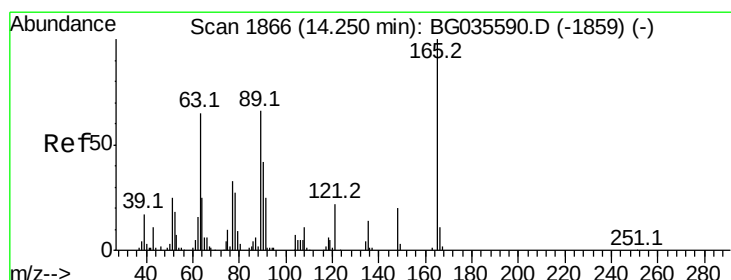
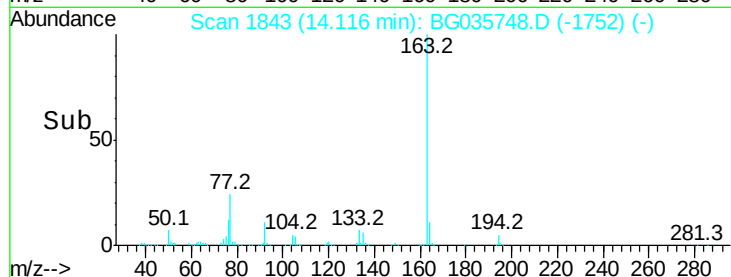
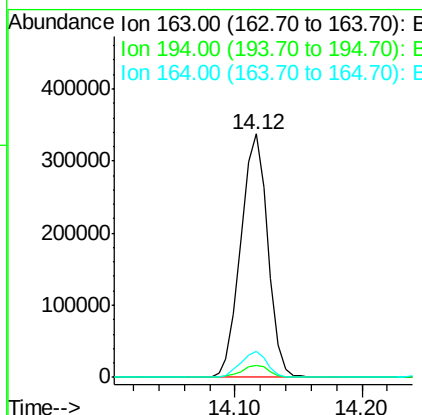
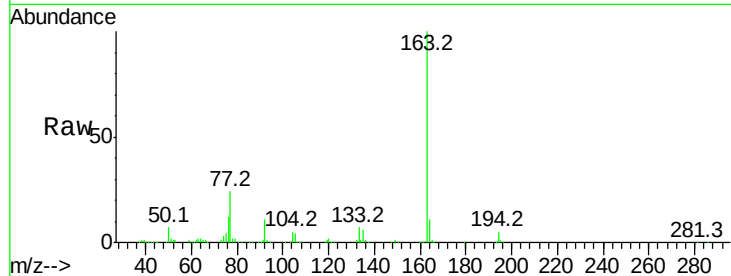
ClientSampleId :

PB111228BS

Tot Ion:	163	Resp:	497325
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.4	5.2
164	10.7	8.2	12.4

Manual Integrations
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Sohil
7/19/2018 3:45:30 PM



#50

2,6-Dinitrotoluene

Concen: 55.194 ng

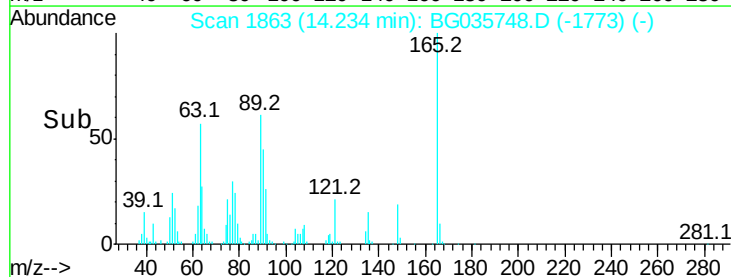
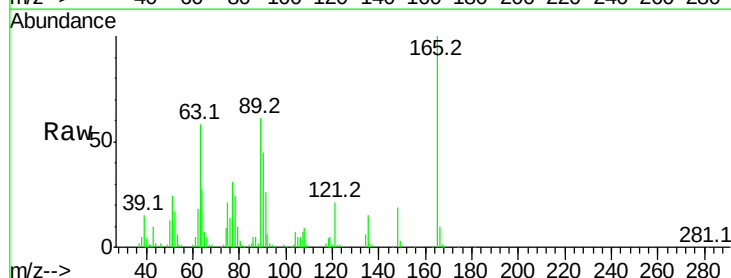
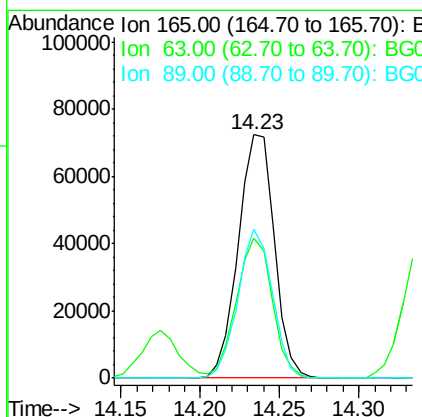
RT: 14.23 min Scan# 1863

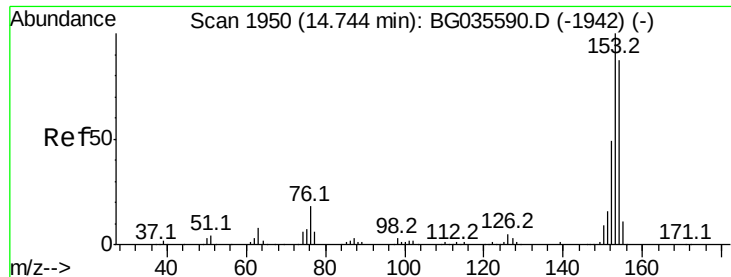
Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion:	165	Resp:	114504
Ion Ratio	Lower	Upper	
165	100		
63	57.5	52.7	79.1
89	61.2	49.2	73.8





#51

Acenaphthene

Concen: 47.412 ng

RT: 14.73 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

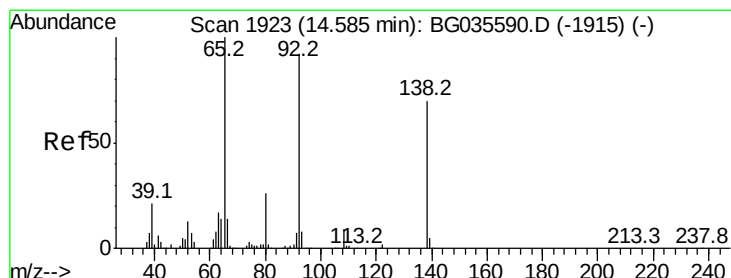
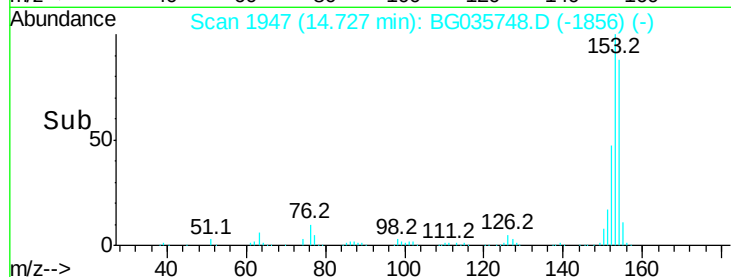
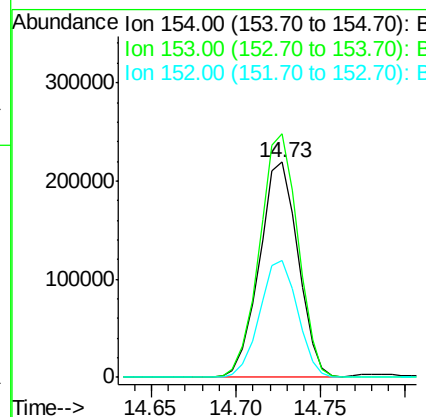
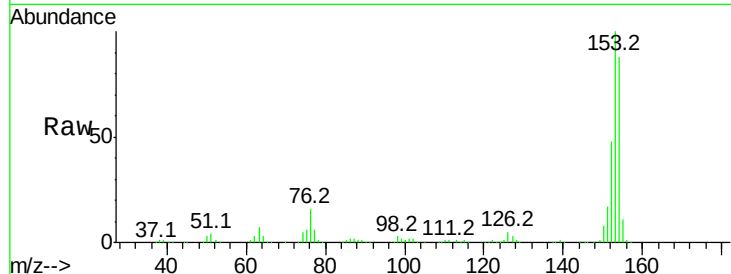
ClientSampleId :

PB111228BS

Tot Ion:	154	Resp:	346915
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.4	135.6
152	54.1	41.6	62.4

Manual Integrations
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Sohil
7/19/2018 3:45:30 PM



#52

3-Nitroaniline

Concen: 19.474 ng

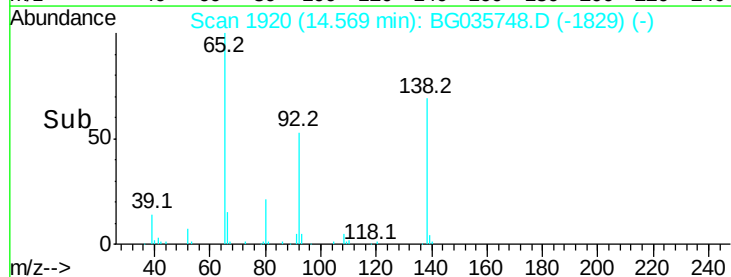
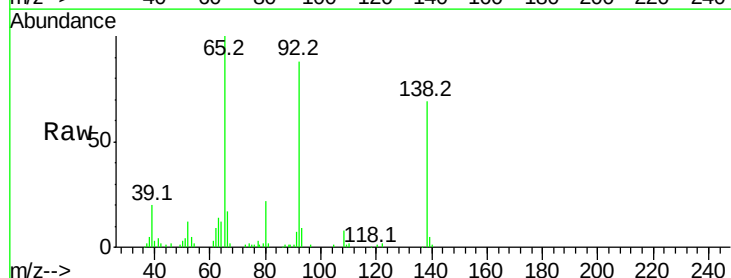
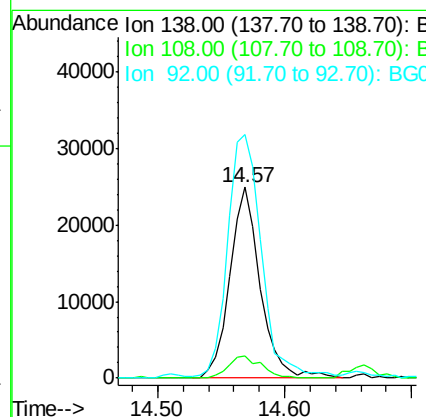
RT: 14.57 min Scan# 1920

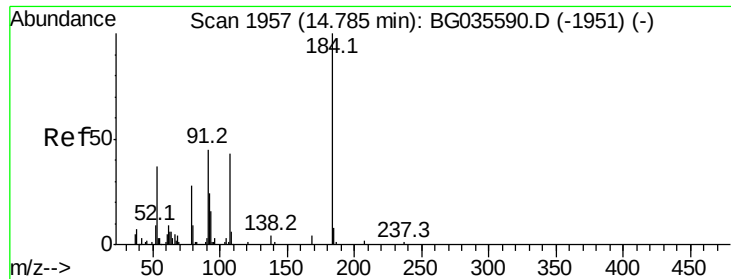
Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion:	138	Resp:	41291
Ion Ratio	Lower	Upper	
138	100		
108	11.4	17.5	26.3#
92	127.8	105.8	158.8





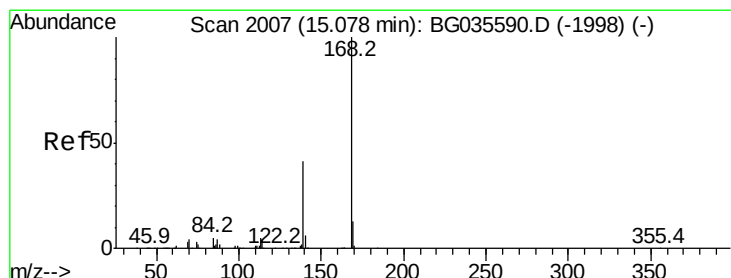
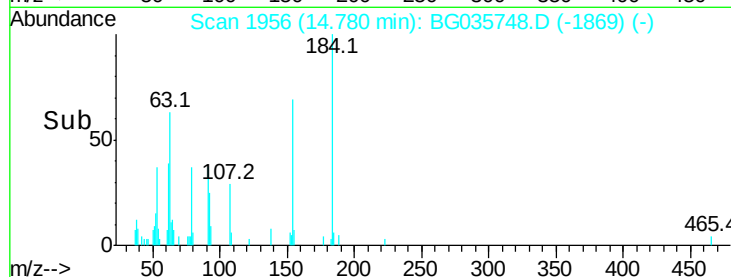
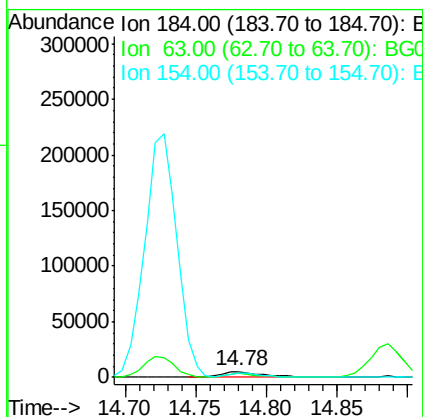
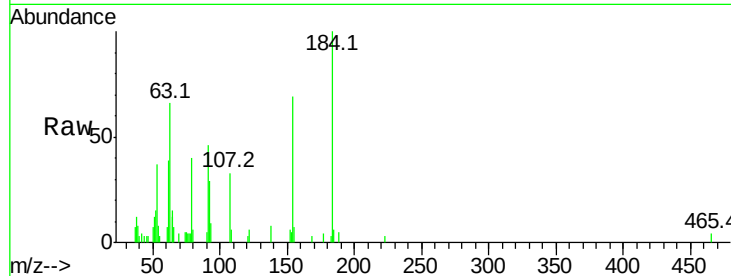
#53
2,4-Dinitrophenol
Concen: 16.189 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.4	59.8	89.8
154	68.9	101.8	152.8

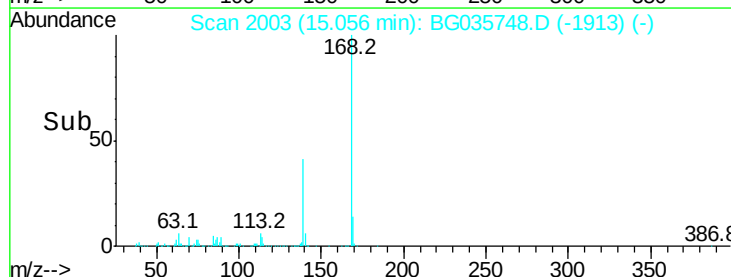
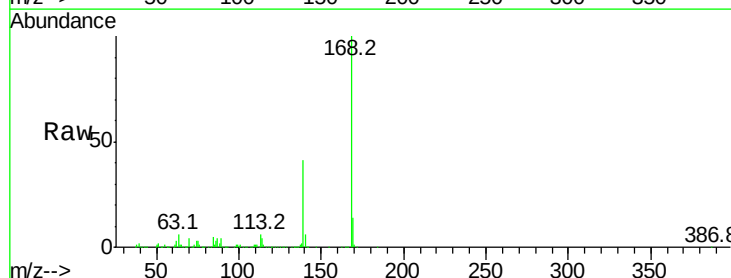
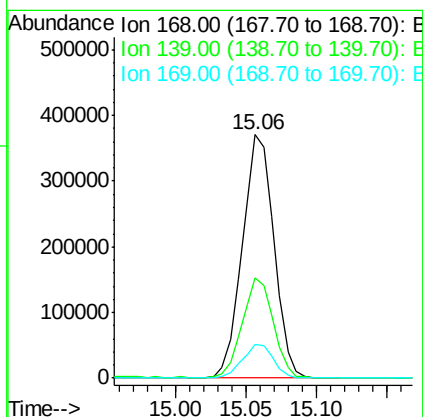
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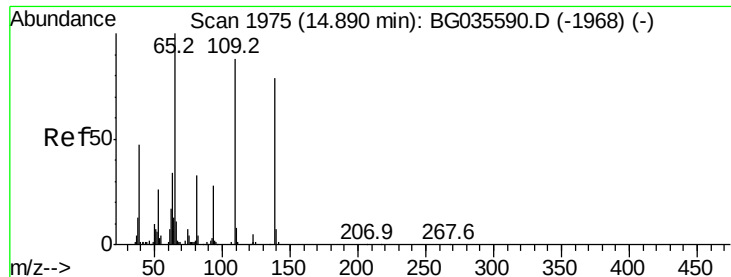
Sohil
7/19/2018 3:45:30 PM



#54
Dibenzofuran
Concen: 49.896 ng
RT: 15.06 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	28.6	43.0
169	13.9	11.2	16.8





#55

4-Nitrophenol

Concen: 100.281 ng

RT: 14.89 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

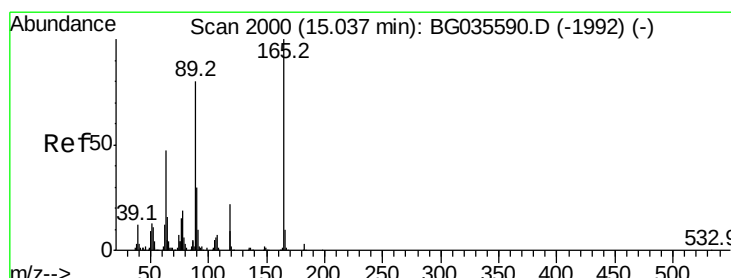
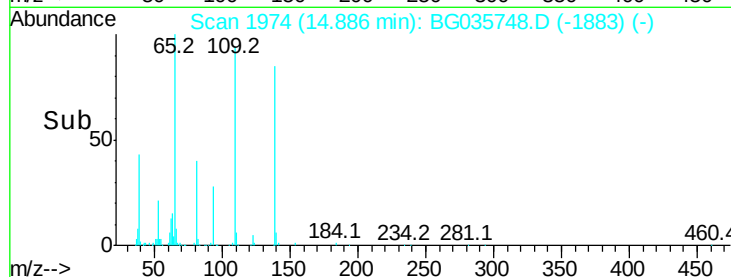
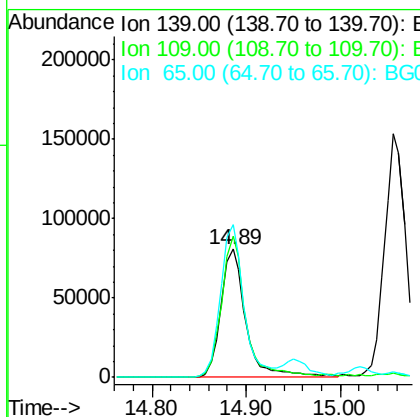
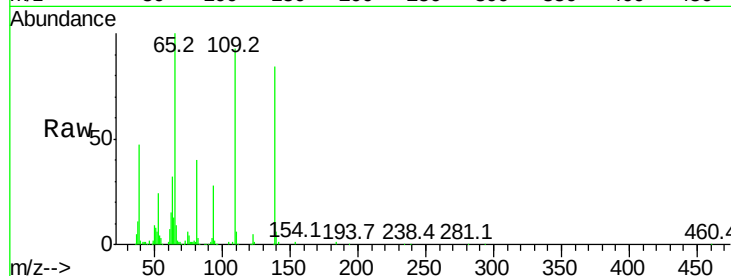
ClientSampleId :

PB111228BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	110.6	62.2	102.2#
65	118.8	97.2	137.2

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7/19/2018 3:45:30 PM



#56

2,4-Dinitrotoluene

Concen: 55.324 ng

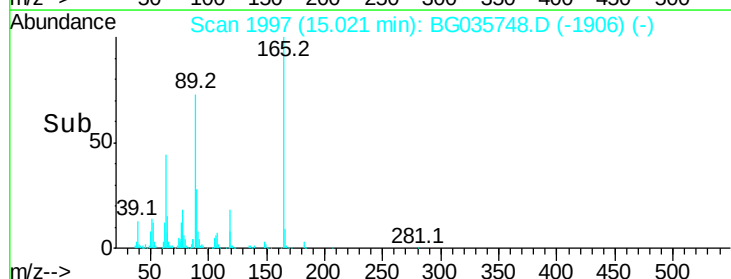
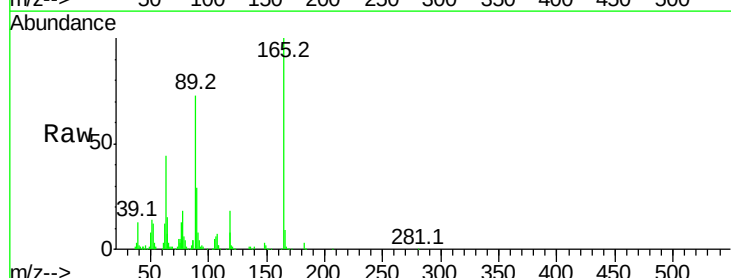
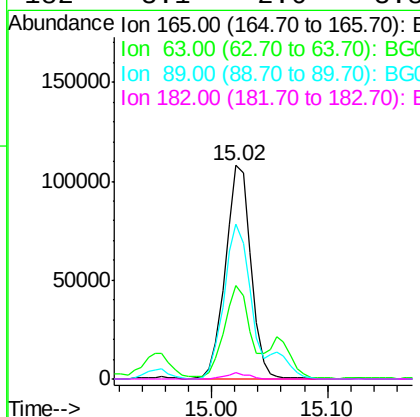
RT: 15.02 min Scan# 1997

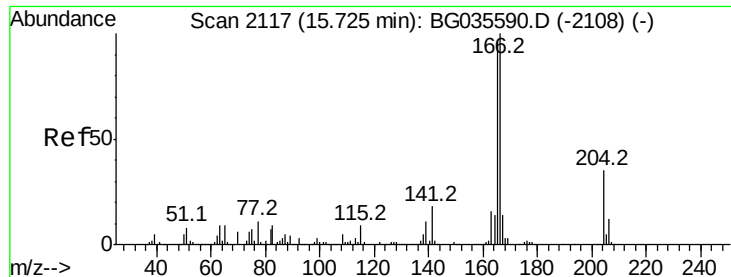
Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.0	42.0	63.0
89	72.8	66.9	100.3
182	3.1	2.6	3.8





#57

Fluorene

Concen: 50.011 ng

RT: 15.71 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

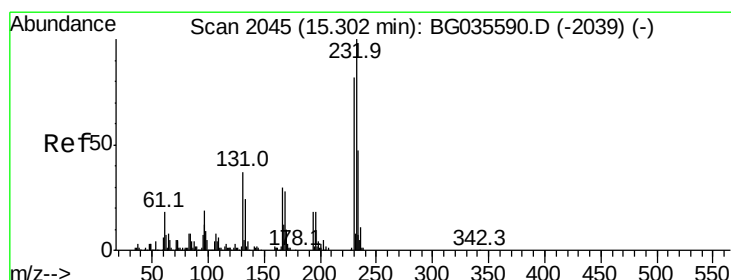
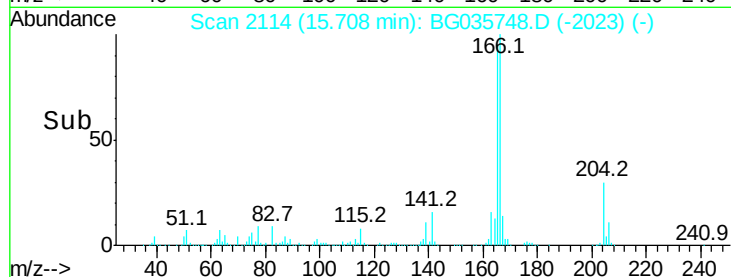
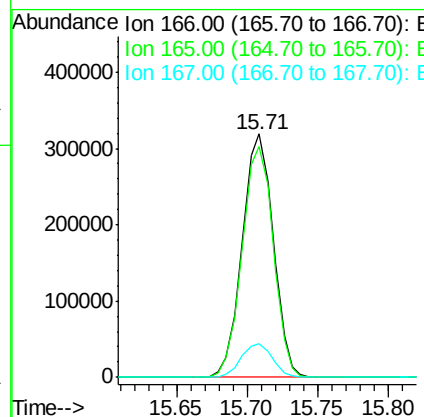
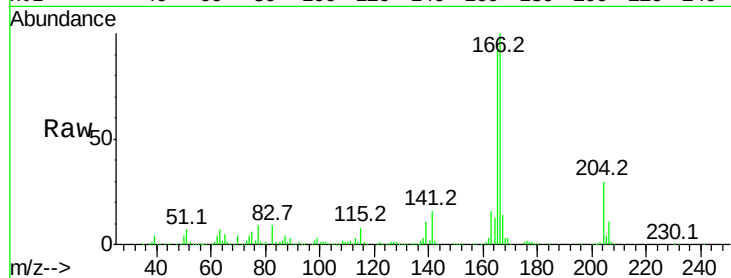
ClientSampleId :

PB111228BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	487773		
165	94.9		80.6	121.0
167	14.0		10.4	15.6

Manual Integrations
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Sohil
7/19/2018 3:45:30 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.604 ng

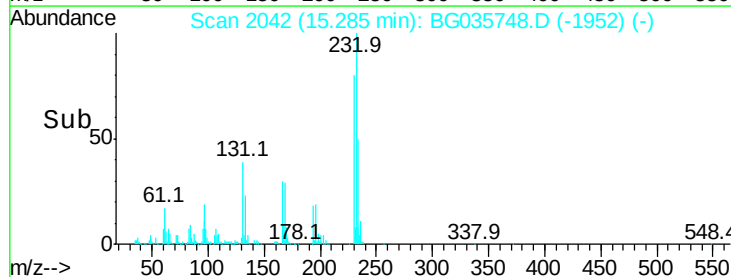
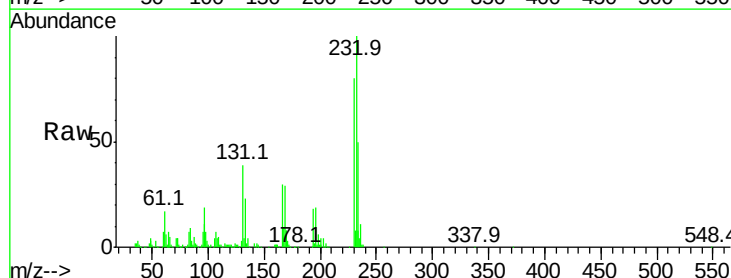
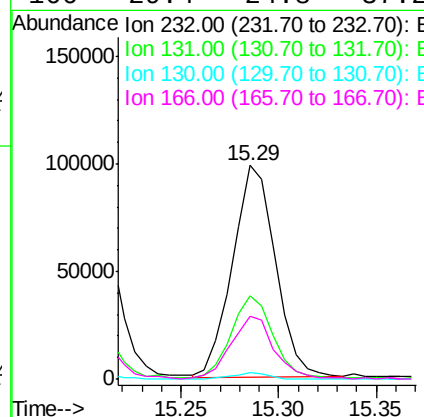
RT: 15.29 min Scan# 2042

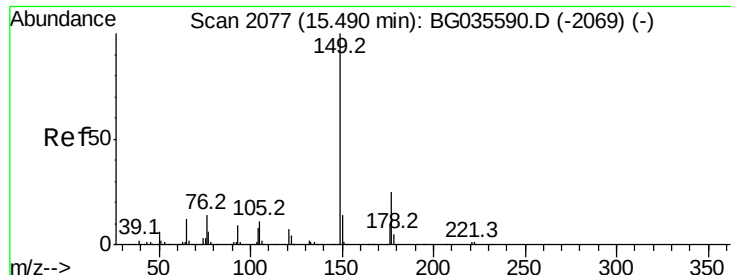
Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	150315		
131	37.8		33.5	50.3
130	2.4		2.2	3.2
166	29.4		24.8	37.2





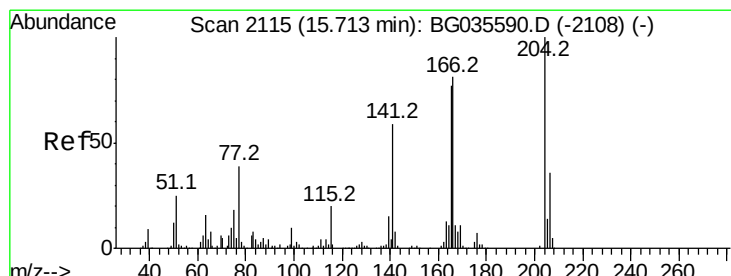
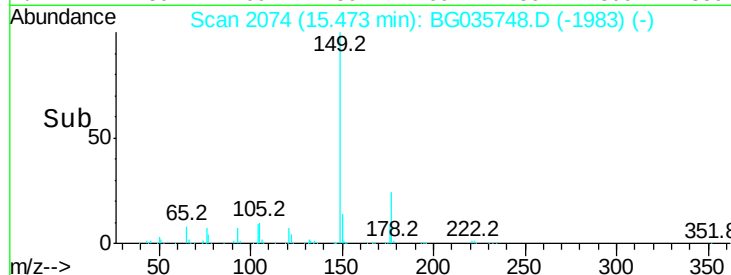
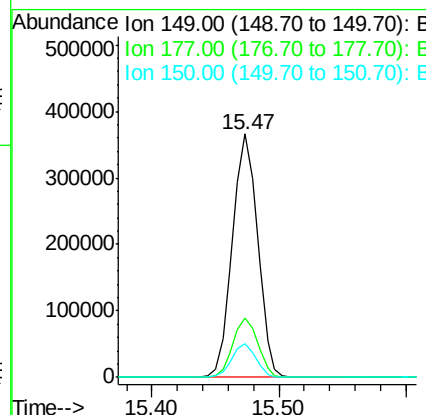
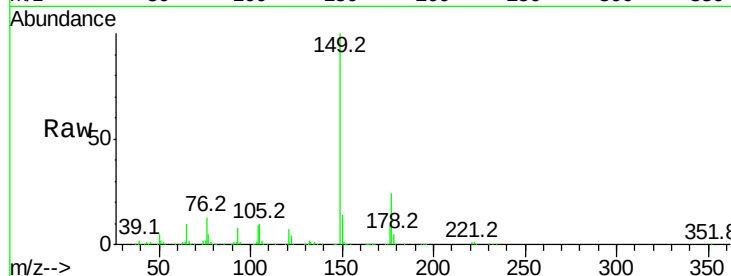
#59
Diethylphthalate
Concen: 48.132 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.3	18.5	27.7	
150	13.6	10.2	15.2	

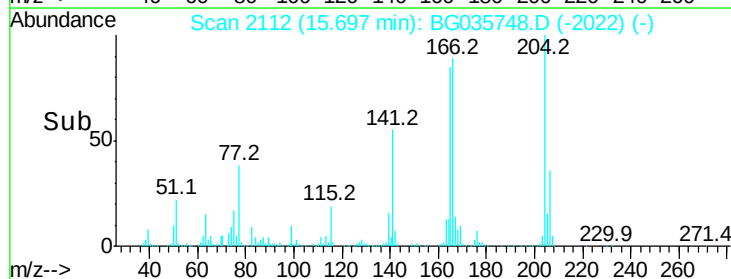
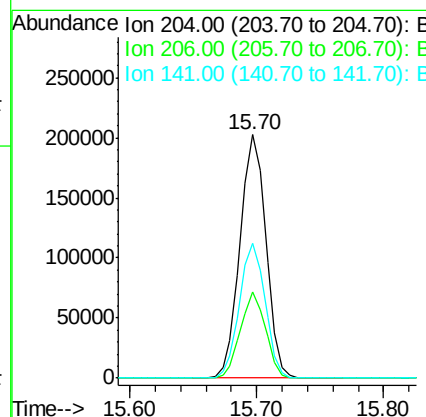
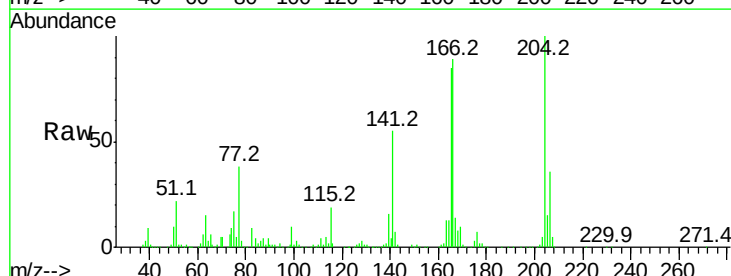
Manual Integrations
APPROVED

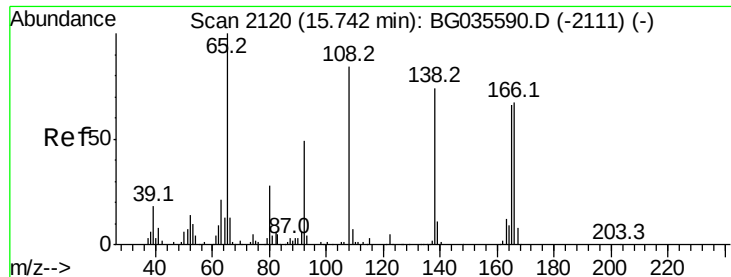
Sohil
7/19/2018 3:45:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.931 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.5	26.2	39.2	
141	55.2	45.8	68.6	





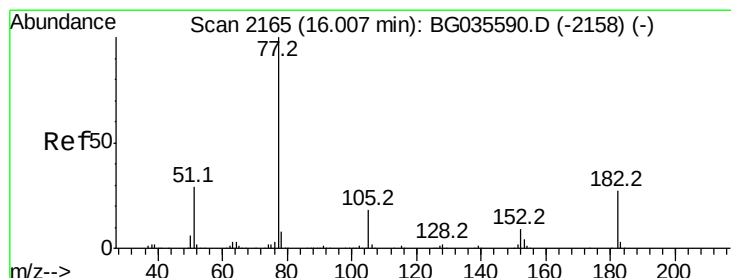
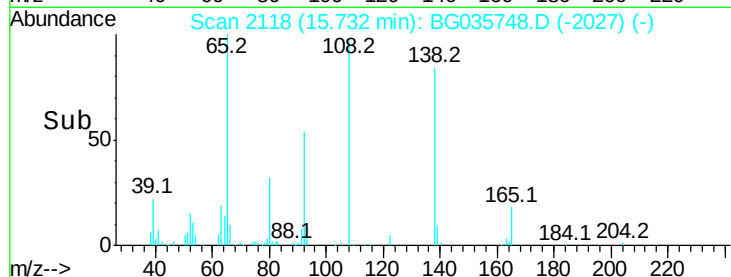
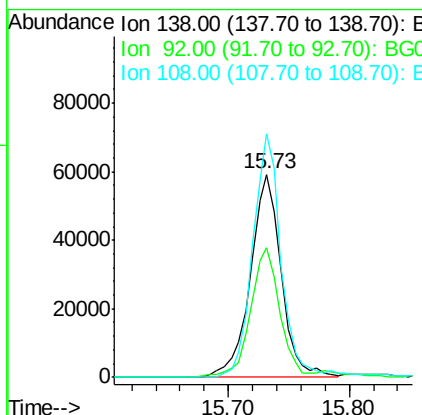
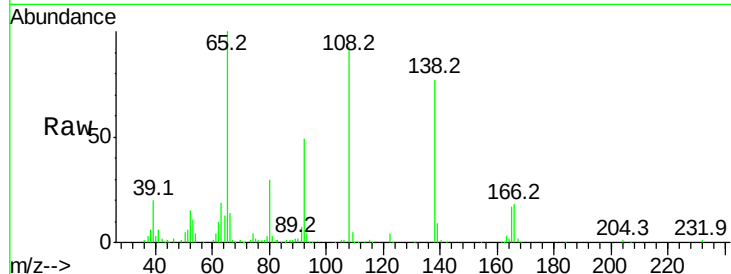
#61
4-Nitroaniline
Concen: 47.599 ng
RT: 15.73 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	64.0	40.1	80.1
108	119.9	65.4	105.4

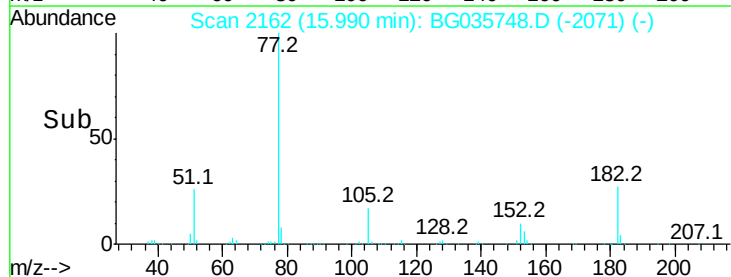
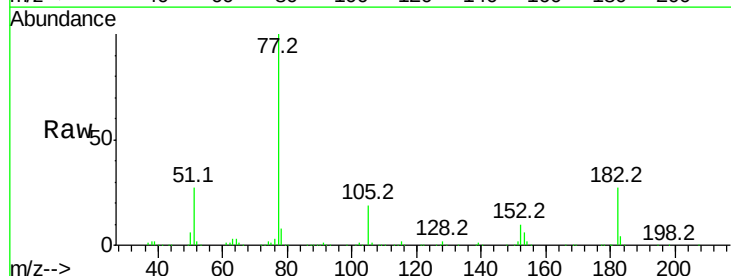
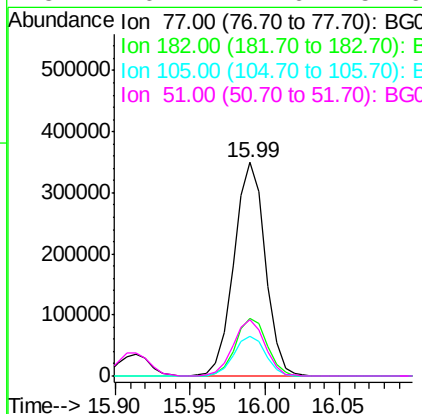
Manual Integrations
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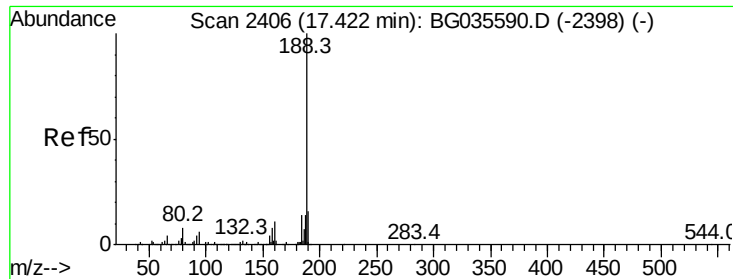
Sohil
7/19/2018 3:45:30 PM



#62
Azobenzene
Concen: 49.140 ng
RT: 15.99 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.4	47.4
105	18.6	0.3	40.3
51	26.7	11.6	51.6





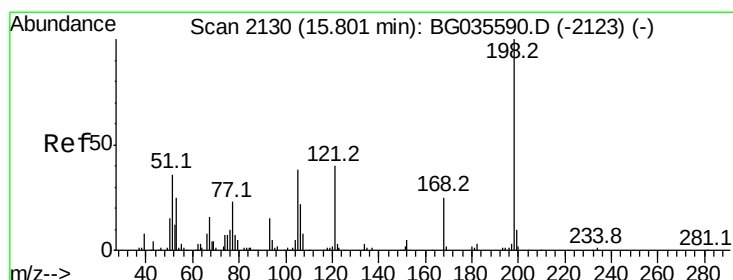
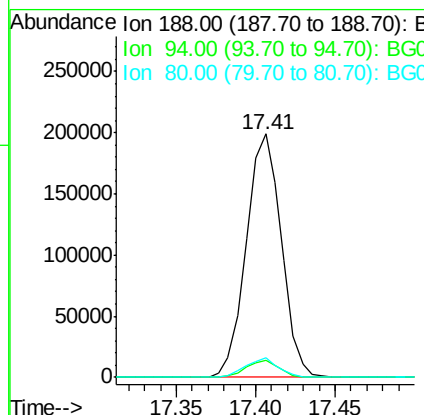
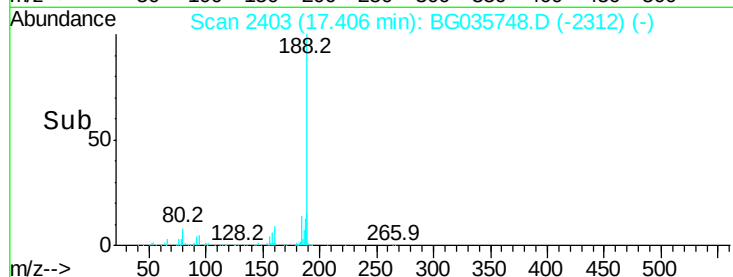
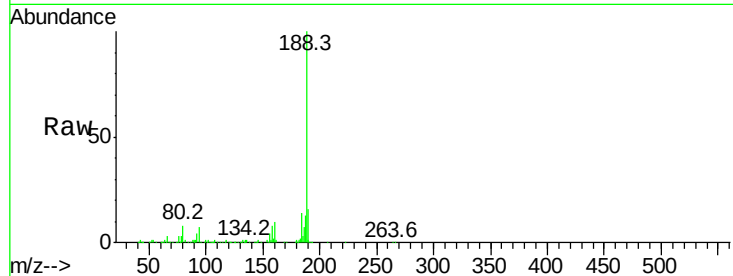
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.1	6.9	10.3
80	8.0	7.7	11.5

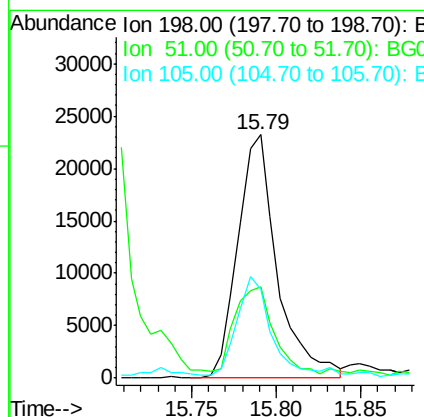
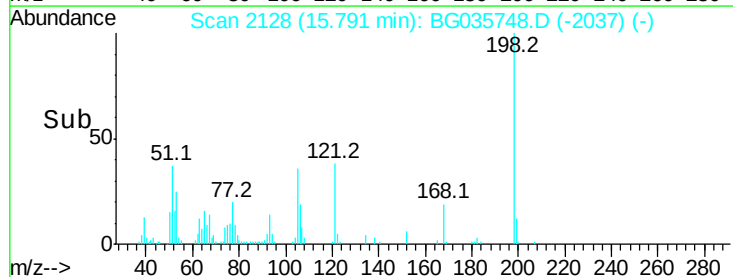
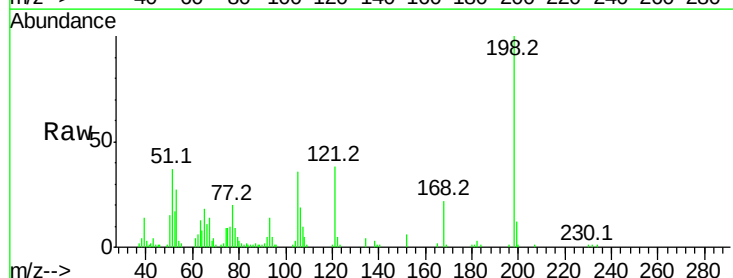
Manual Integrations
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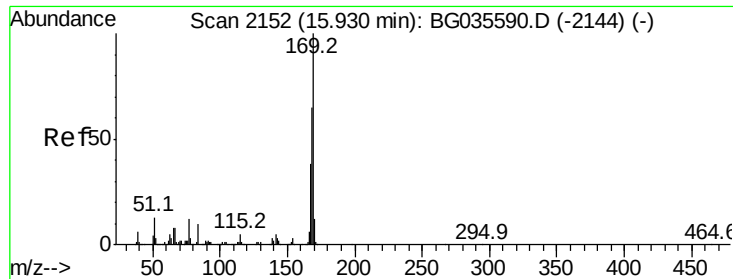
Sohil
7/19/2018 3:45:30 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 22.195 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	37.4	30.6	70.6
105	36.5	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 49.469 ng

RT: 15.91 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

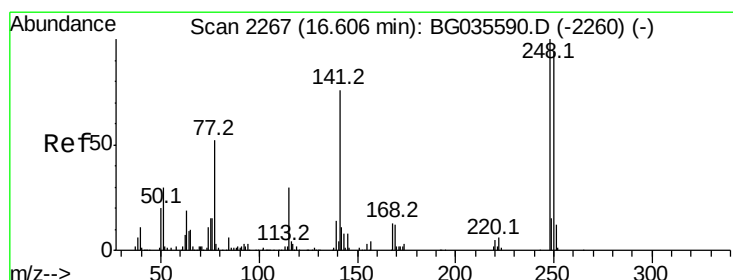
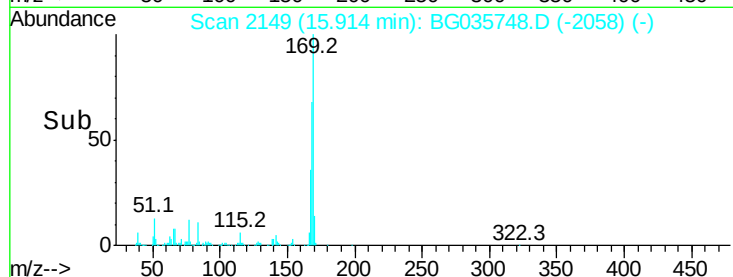
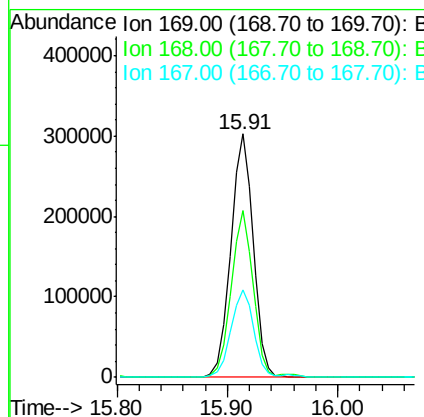
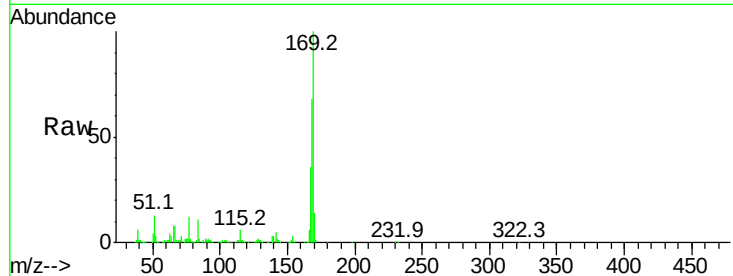
ClientSampleId :

PB111228BS

Tot Ion:	169	Resp:	430894
Ion Ratio	Lower	Upper	
169	100		
168	68.4	55.7	83.5
167	36.0	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 52.985 ng

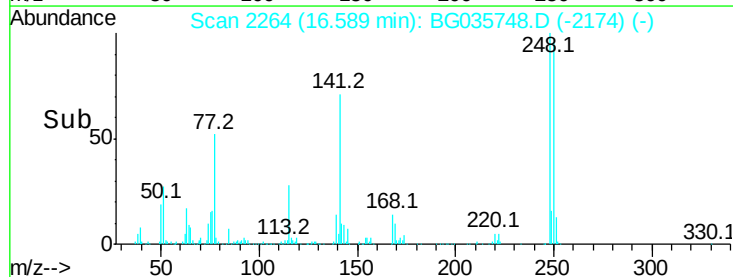
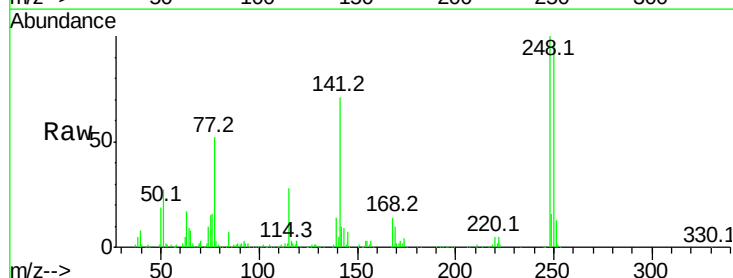
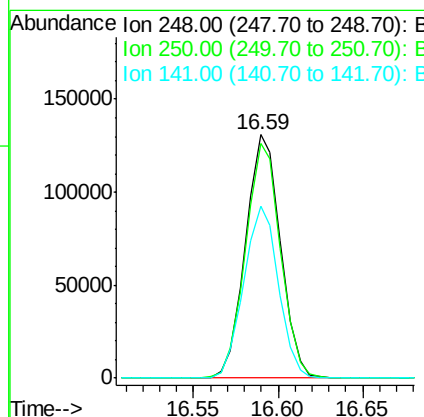
RT: 16.59 min Scan# 2264

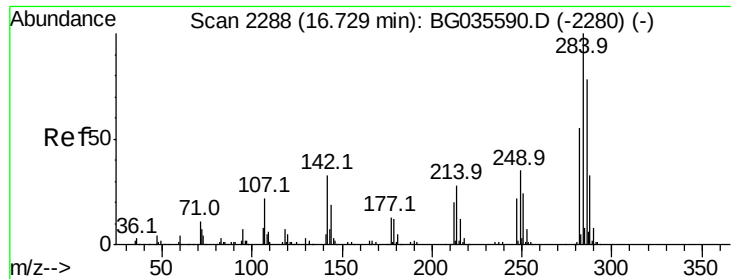
Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion:	248	Resp:	188115
Ion Ratio	Lower	Upper	
248	100		
250	96.4	77.1	115.7
141	70.9	50.8	76.2





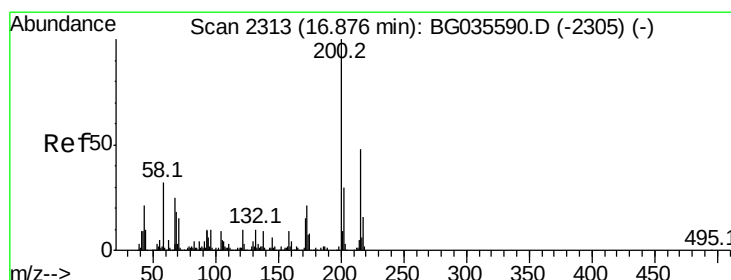
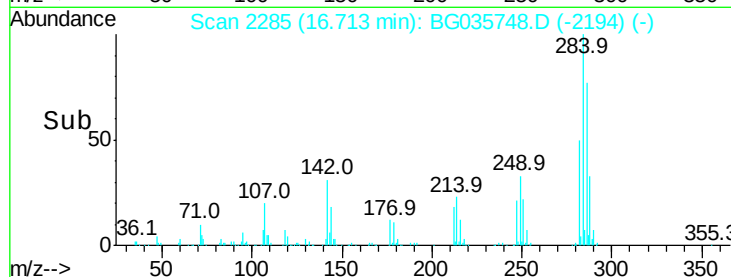
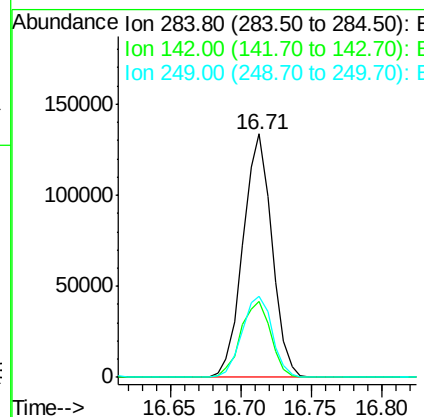
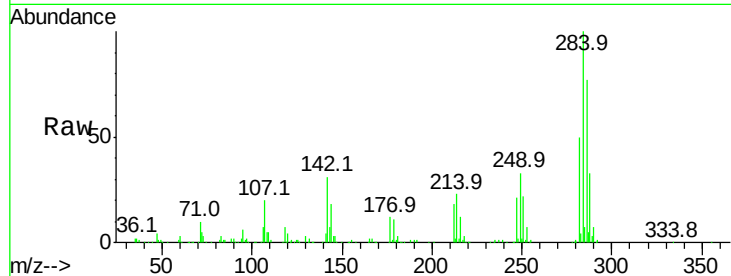
#67
Hexachlorobenzene
Concen: 52.421 ng
RT: 16.71 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	31.1	26.8	40.2
249	33.1	26.3	39.5

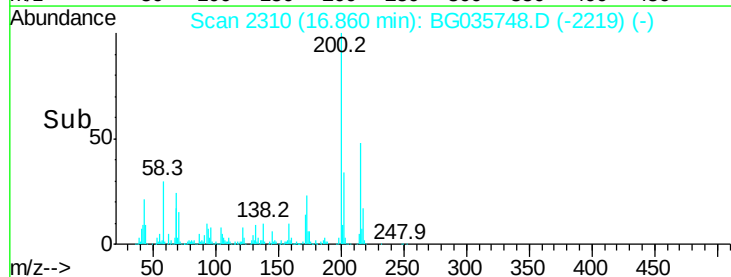
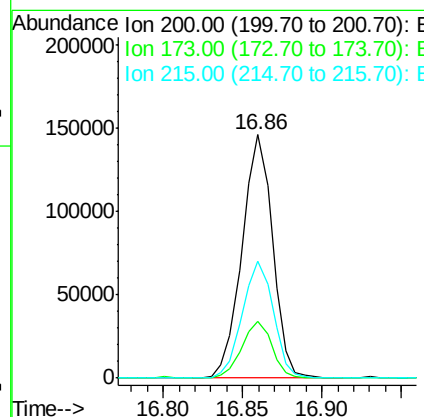
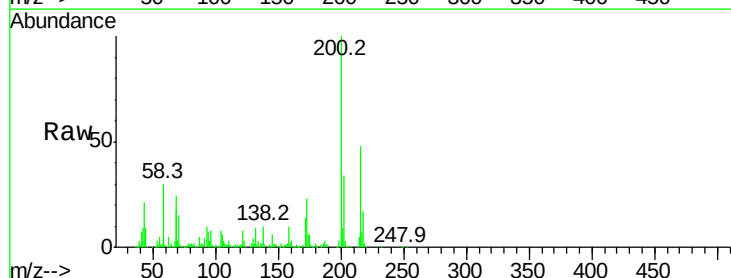
Manual Integrations
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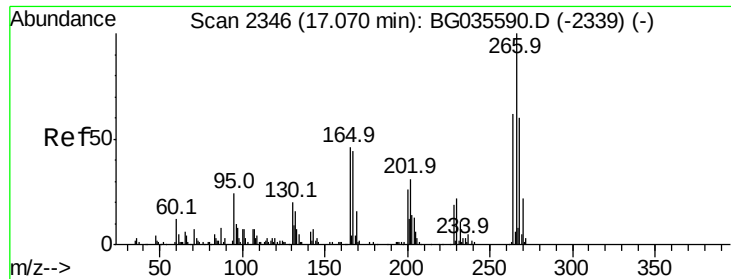
Sohil
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#68
Atrazine
Concen: 54.360 ng
RT: 16.86 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.1	5.2	45.2
215	48.1	30.4	70.4





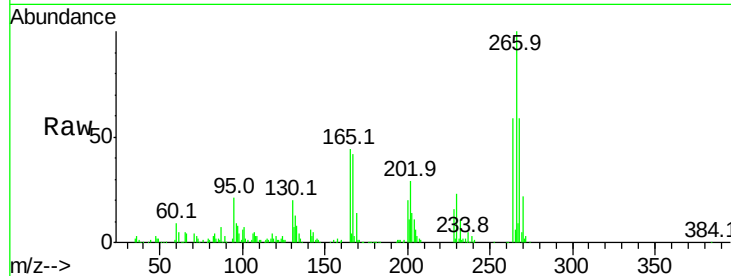
#69
 Pentachlorophenol
 Concen: 54.046 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BS

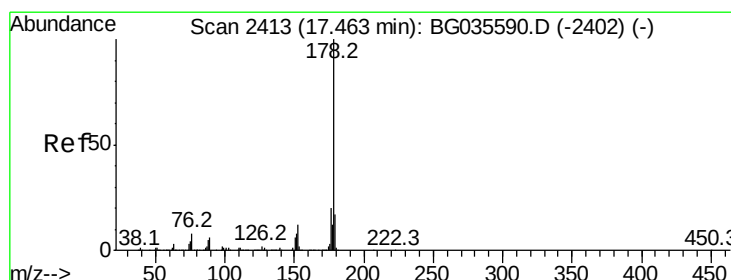
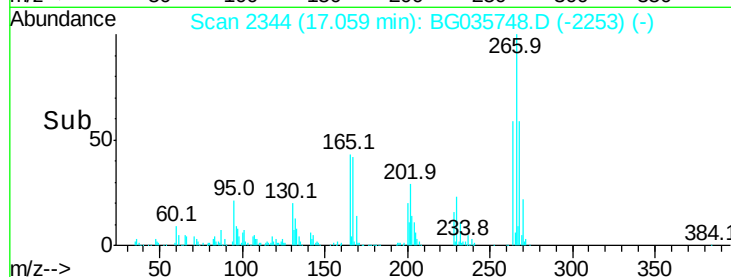
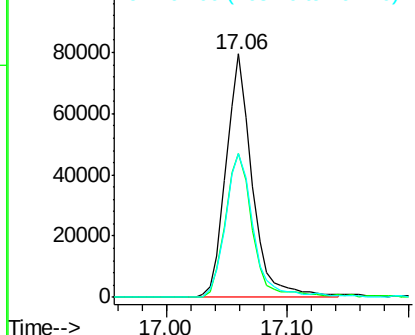
Tot Ion	Ratio	Resp	Lower	Upper
266	100	120357		
268	58.9		51.1	76.7
264	59.3		49.6	74.4

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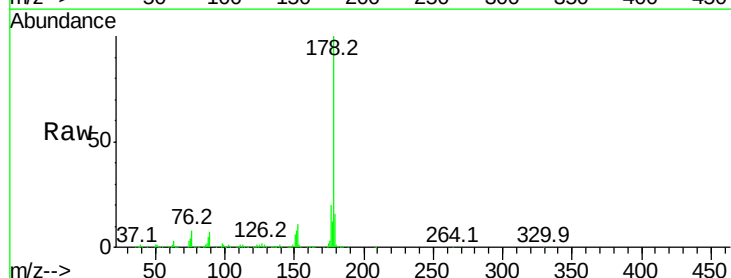


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

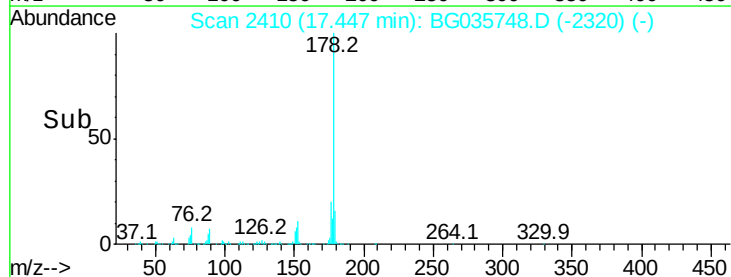
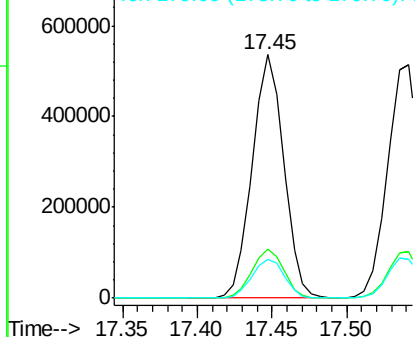


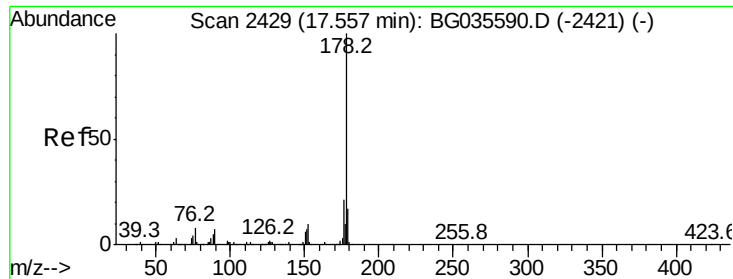
#70
 Phenanthrene
 Concen: 51.270 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	782879		
176	20.0		15.7	23.5
179	16.0		12.5	18.7



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





#71

Anthracene

Concen: 52.684 ng

RT: 17.54 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

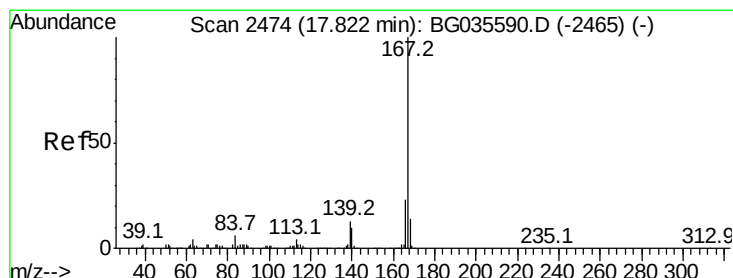
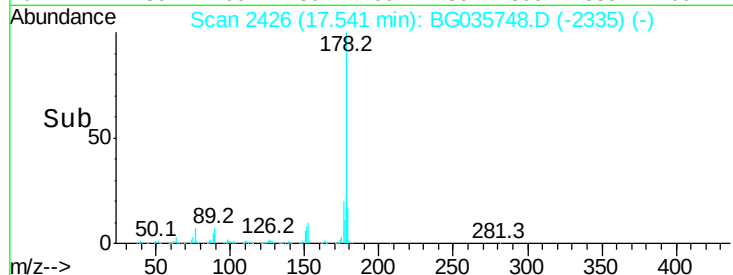
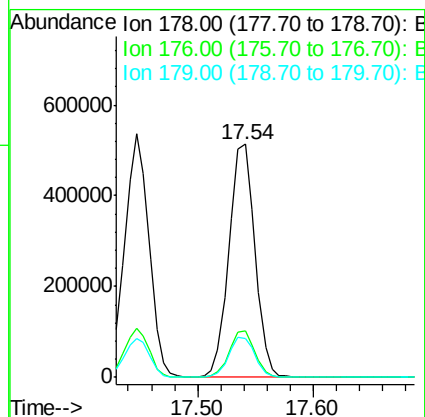
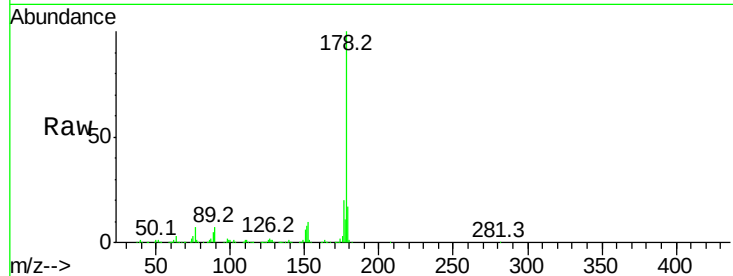
ClientSampleId :

PB111228BS

Tot Ion:	178	Resp:	801032
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.0	24.0
179	16.6	12.5	18.7

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#72

Carbazole

Concen: 50.526 ng

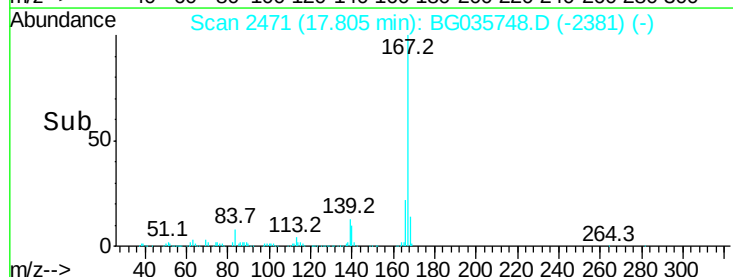
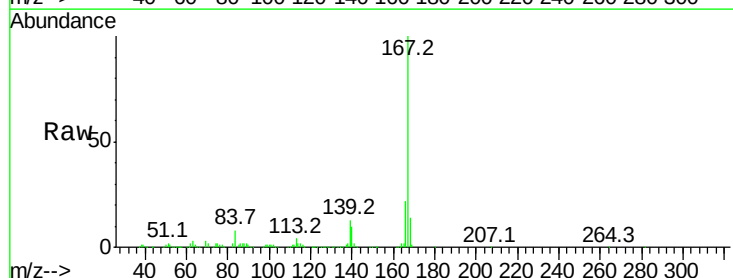
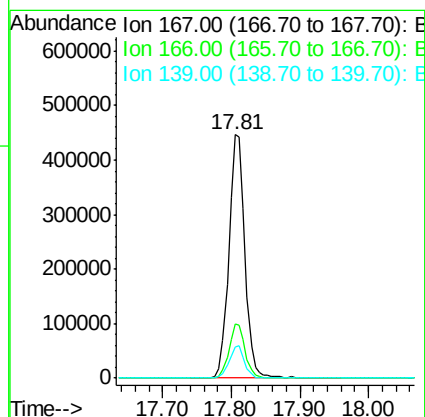
RT: 17.81 min Scan# 2471

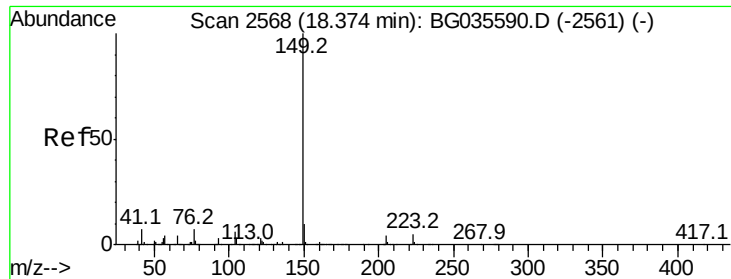
Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion:	167	Resp:	729571
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.2	27.4
139	12.7	9.4	14.2





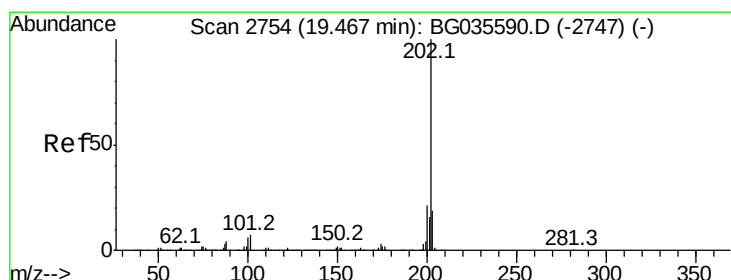
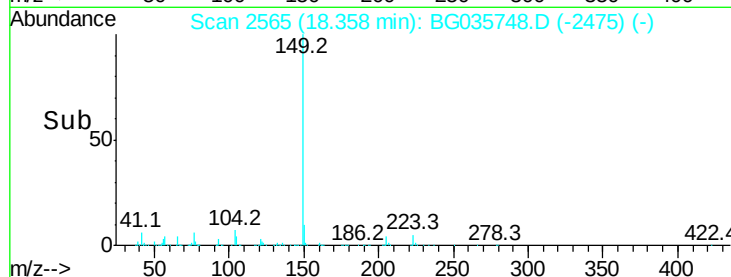
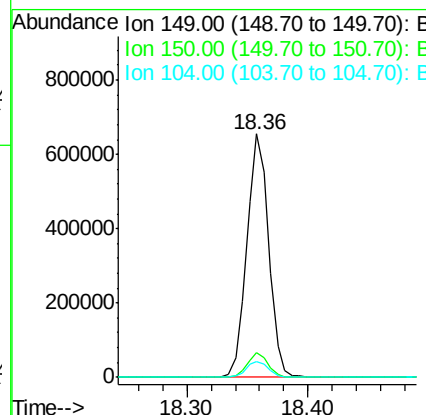
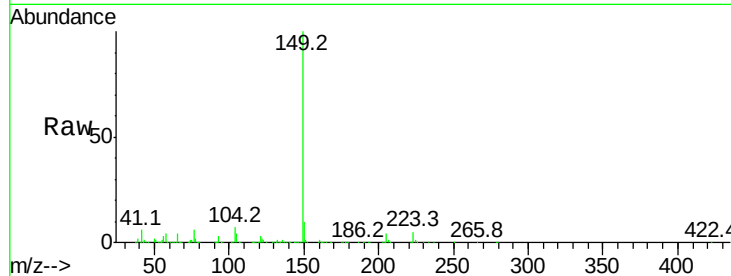
#73
Di-n-butylphthalate
Concen: 48.282 ng
RT: 18.36 min Scan# 2565
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	6.6	3.9	5.9

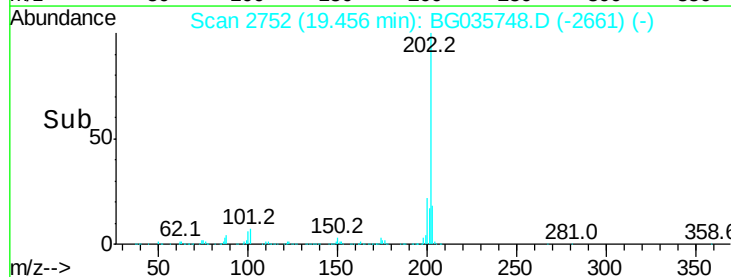
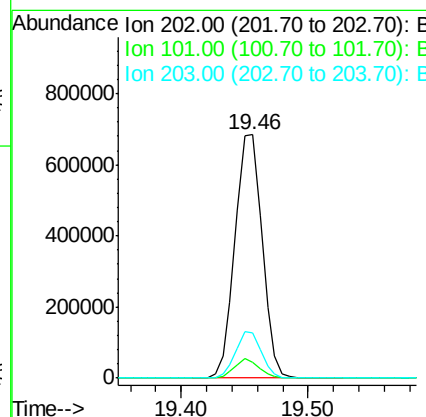
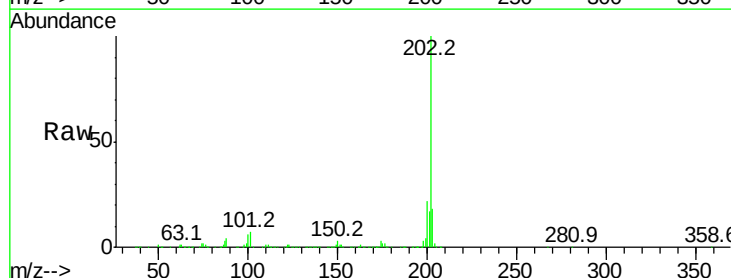
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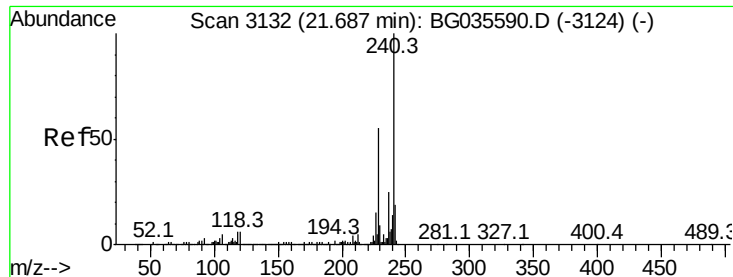
Sohil
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#74
Fluoranthene
Concen: 49.364 ng
RT: 19.46 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.9
203	18.5	0.0	37.5





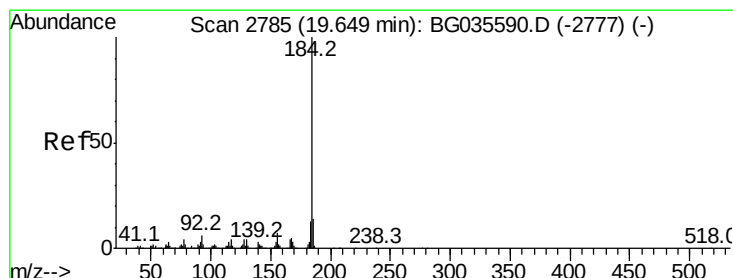
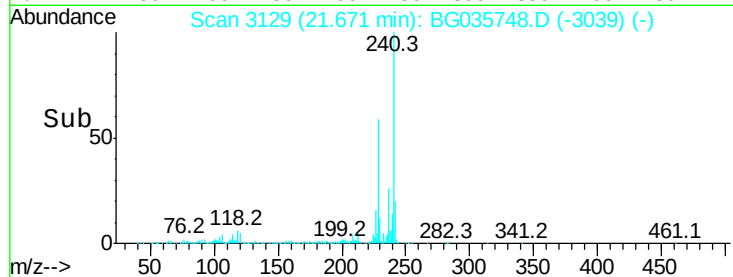
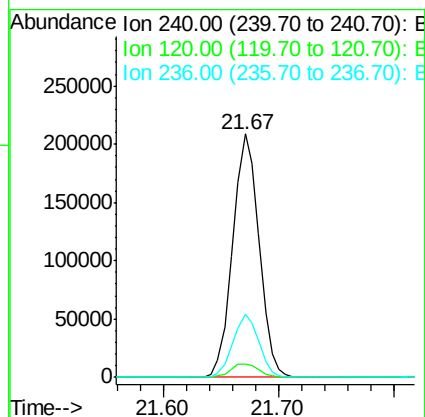
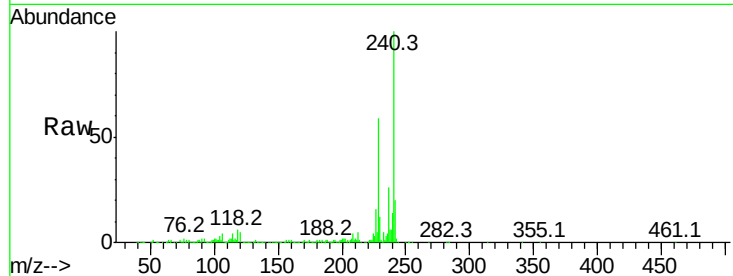
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.5	6.8	10.2#
236	26.0	20.9	31.3

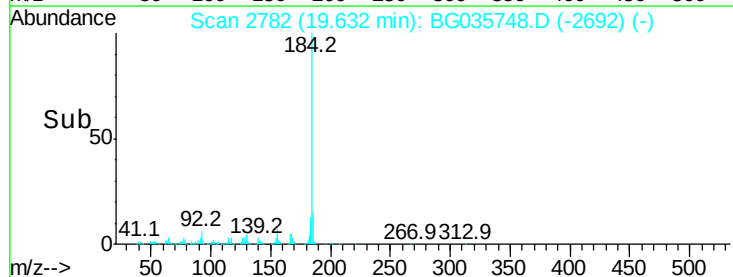
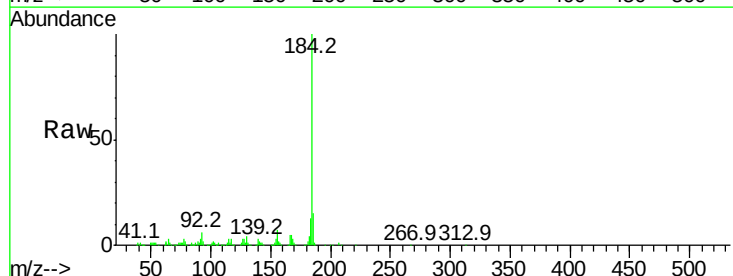
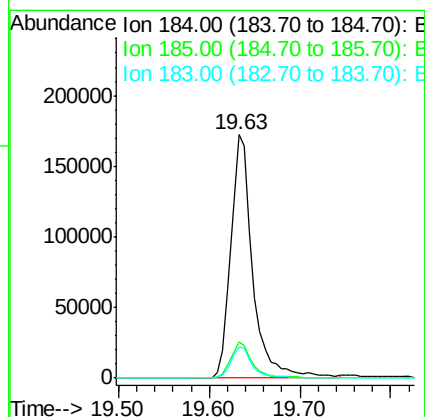
Manual Integrations
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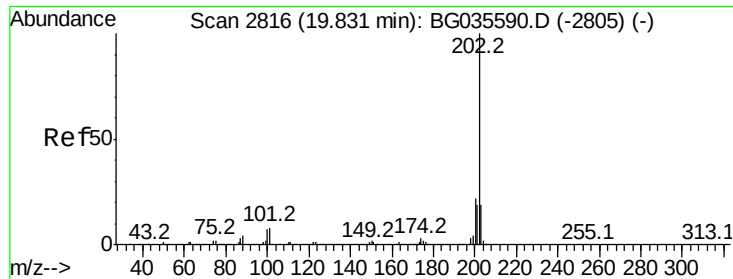
Sohil
 7/19/2018 3:45:30 PM



#76
 Benzidine
 Concen: 33.370 ng
 RT: 19.63 min Scan# 2782
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.0	11.1	16.7
183	12.6	10.6	16.0





#77

Pvrene

Concen: 48.491 ng

RT: 19.81 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

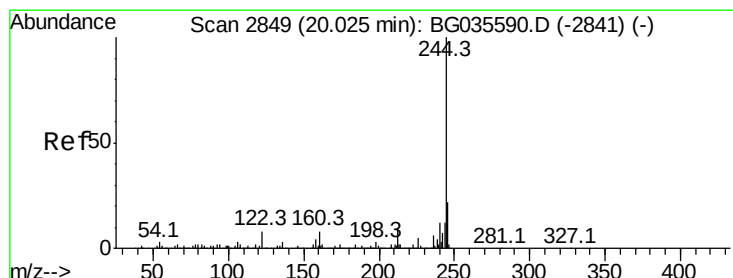
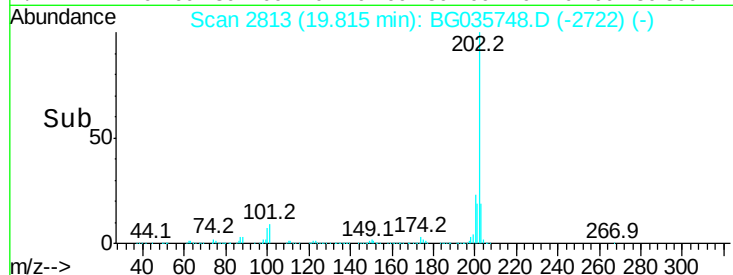
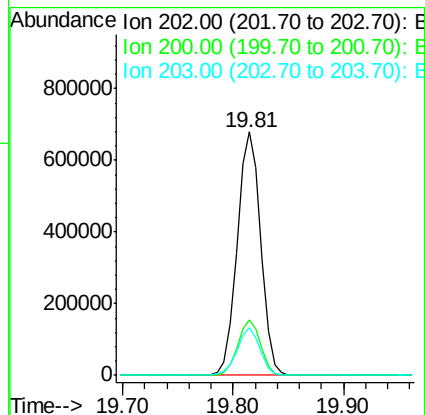
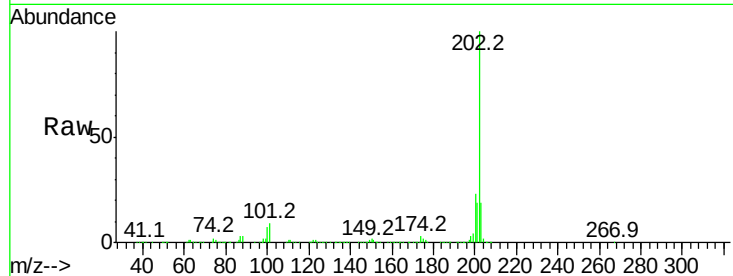
ClientSampleId :

PB111228BS

Tot Ion:	202	Resp:	1013506
Ion Ratio	Lower	Upper	
202	100		
200	23.0	16.9	25.3
203	19.4	13.9	20.9

Manual Integrations
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#78

Terphenyl-d14

Concen: 94.874 ng

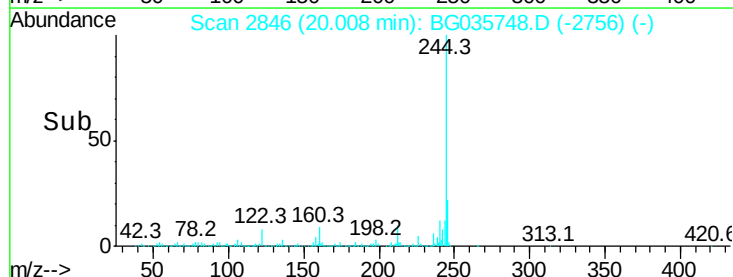
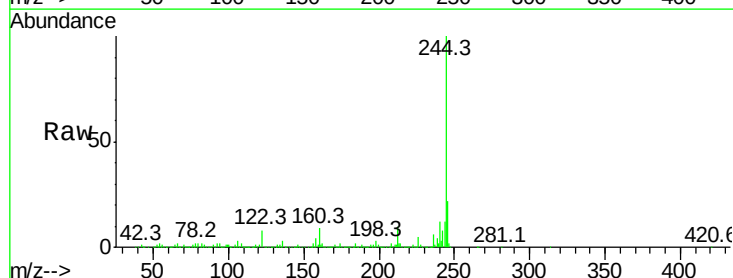
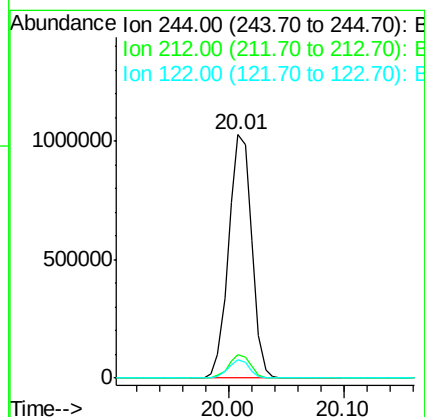
RT: 20.01 min Scan# 2846

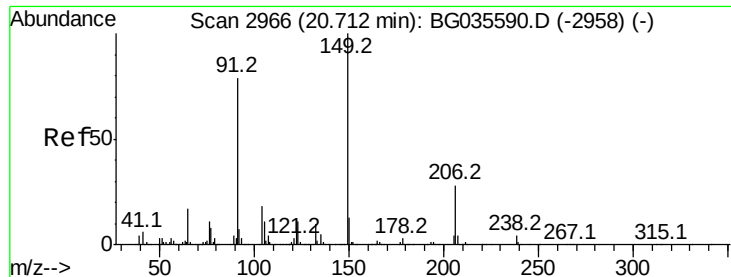
Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion:	244	Resp:	1422683
Ion Ratio	Lower	Upper	
244	100		
212	9.9	5.8	8.8#
122	7.6	7.0	10.4





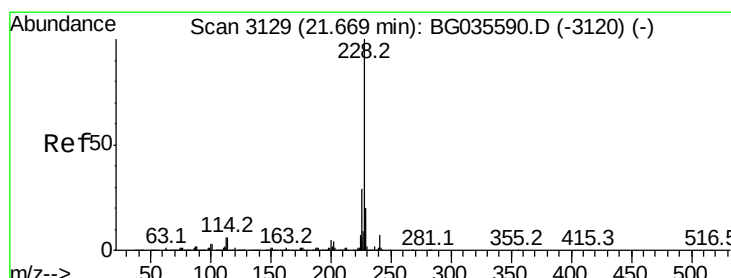
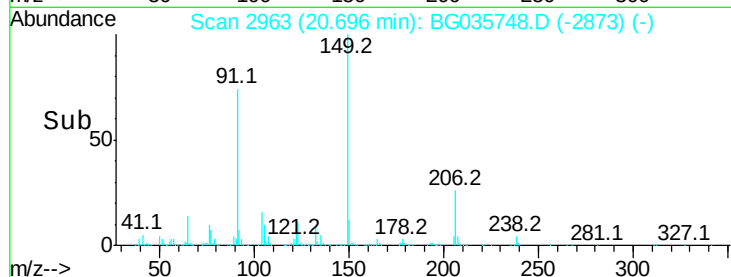
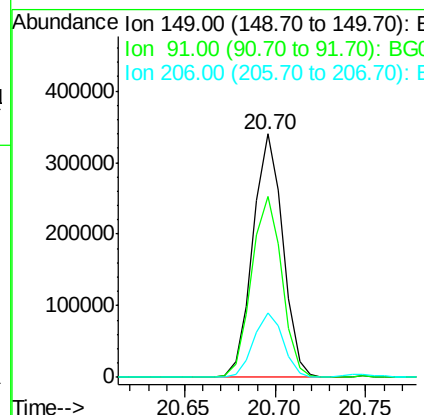
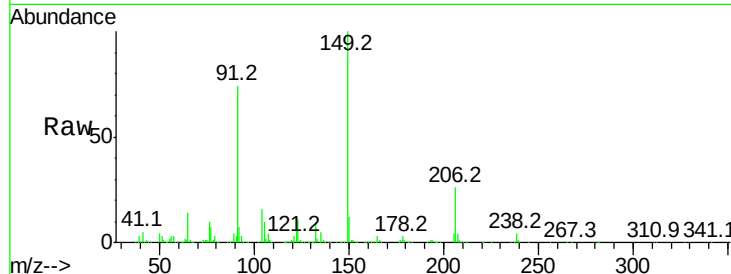
#79
 Butylbenzylphthalate
 Concen: 52.289 ng
 RT: 20.70 min Scan# 2963
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.5	62.2	93.2
206	26.2	18.6	27.8

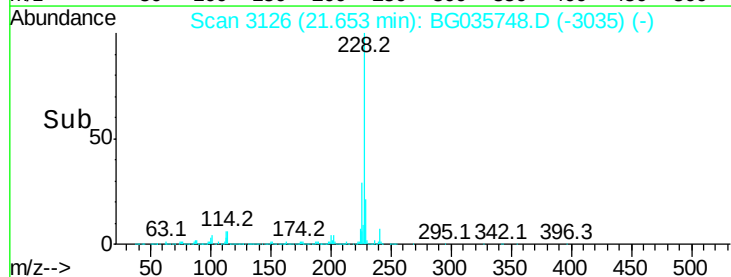
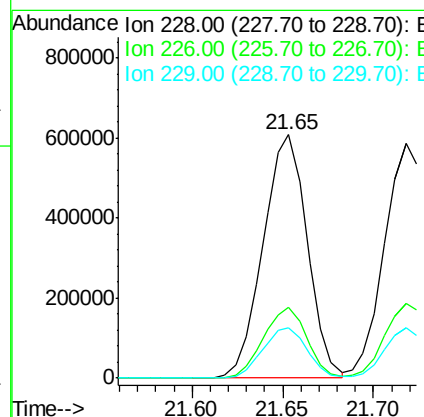
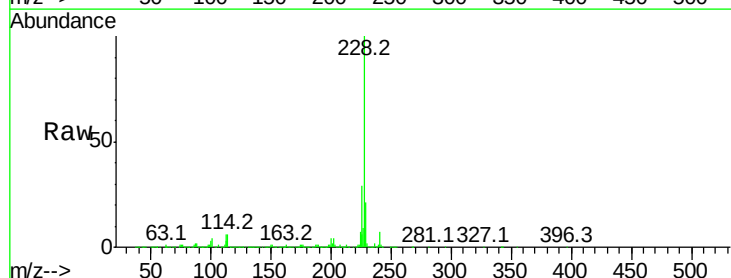
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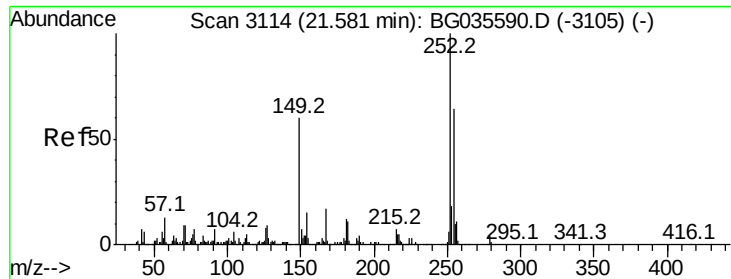
Sohil
 7/19/2018 3:45:30 PM



#80
 Benzo(a)anthracene
 Concen: 49.905 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	20.6	16.2	24.2





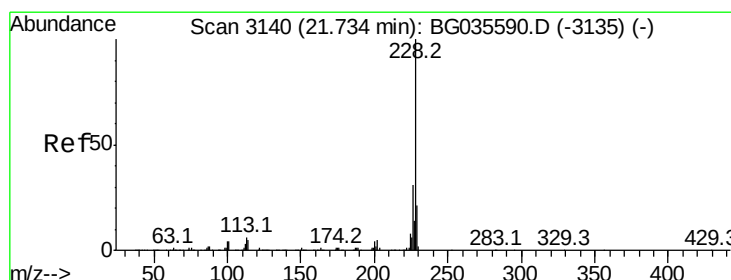
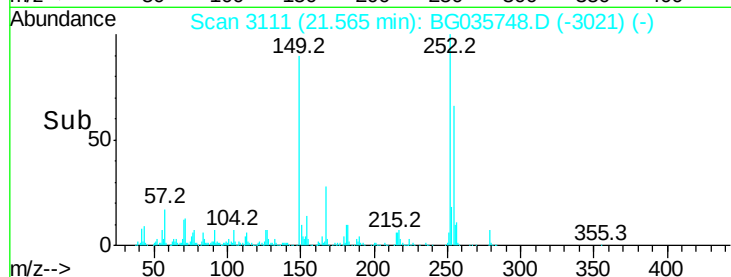
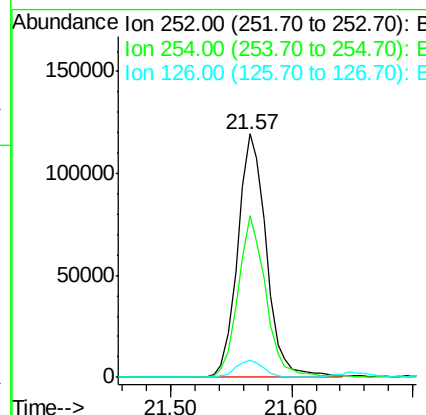
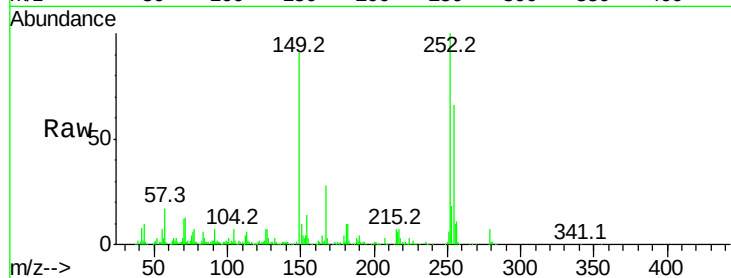
#81
 3,3'-Dichlorobenzidine
 Concen: 27.483 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.4	50.8	76.2
126	7.1	7.4	11.2#

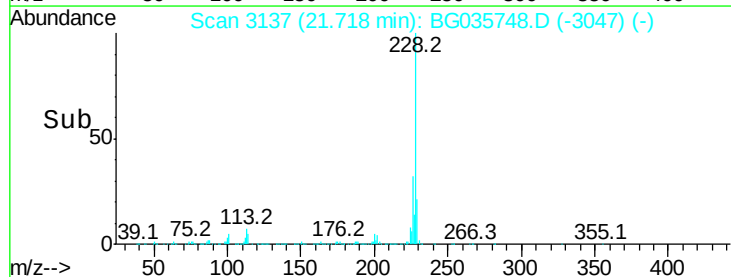
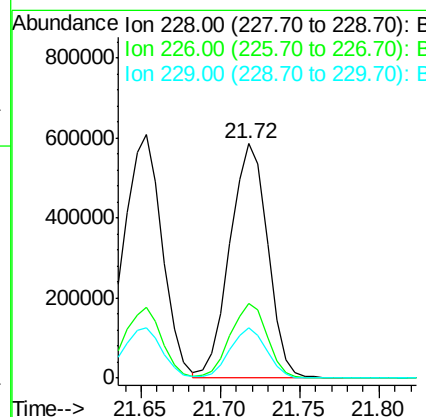
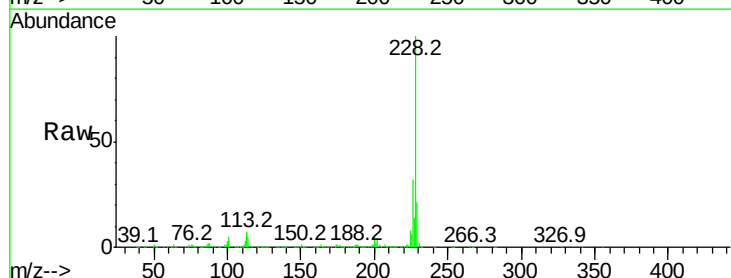
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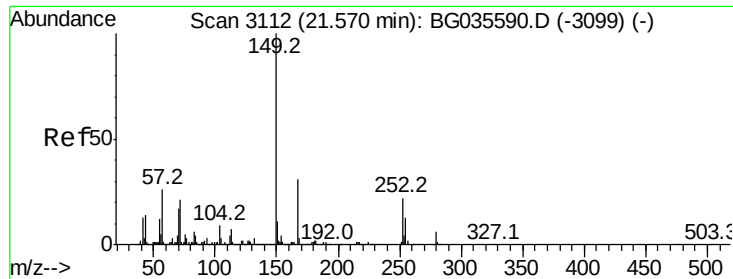
Sohil
 7/19/2018 3:45:30 PM



#82
 Chrysene
 Concen: 50.426 ng
 RT: 21.72 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	21.5	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.120 ng

RT: 21.55 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

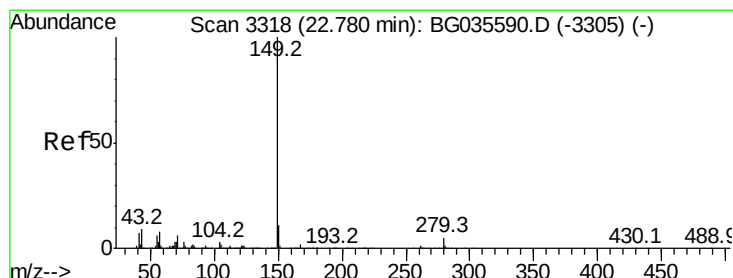
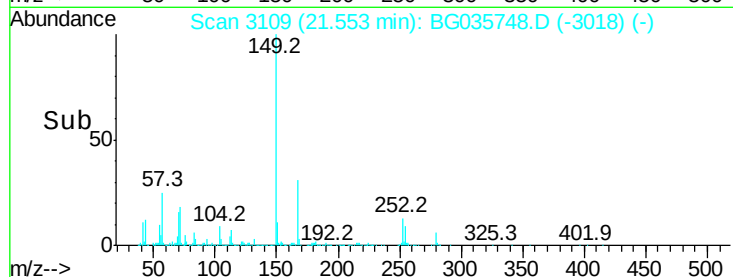
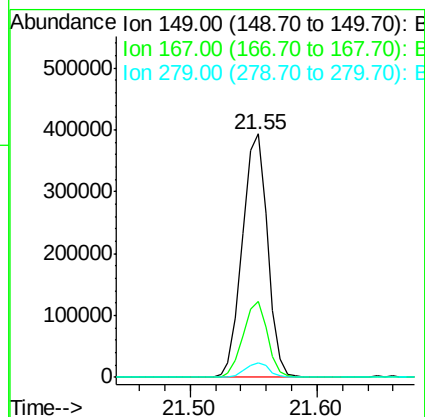
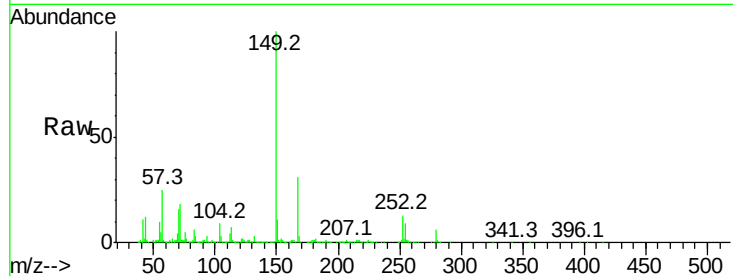
ClientSampled :

PB111228BS

Tot Ion:	149	Resp:	539767
Ion Ratio	Lower	Upper	
149	100		
167	31.3	24.3	36.5
279	6.2	4.0	6.0#

Manual Integrations
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7/19/2018 3:45:30 PM



#84

Di-n-octyl phthalate

Concen: 53.870 ng

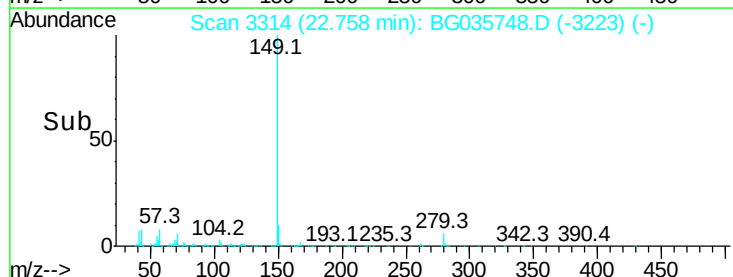
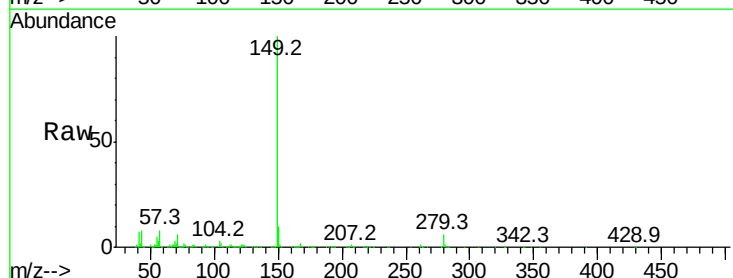
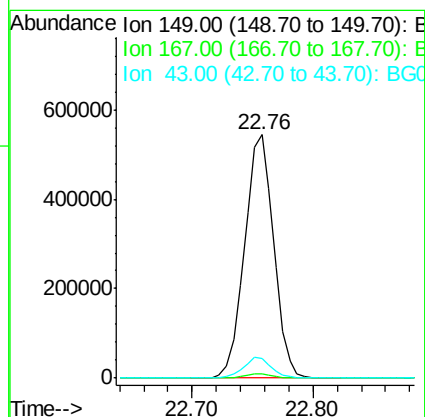
RT: 22.76 min Scan# 3314

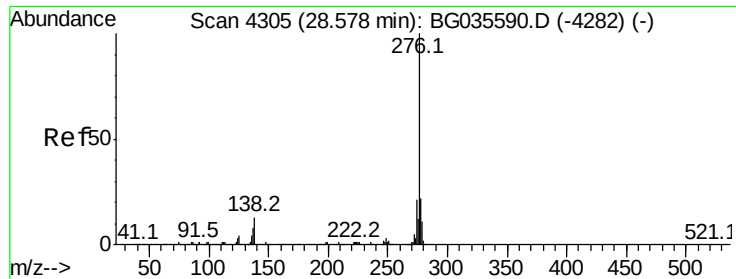
Delta R.T. 0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Tgt Ion:	149	Resp:	916518
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	8.1	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.723 ng

RT: 28.53 min Scan# 4297

Delta R.T. -0.01 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

Instrument :

BNA_G

ClientSampled :

PB111228BS

Tot Ion:276 Resp: 1135352

Ion Ratio Lower Upper

276 100

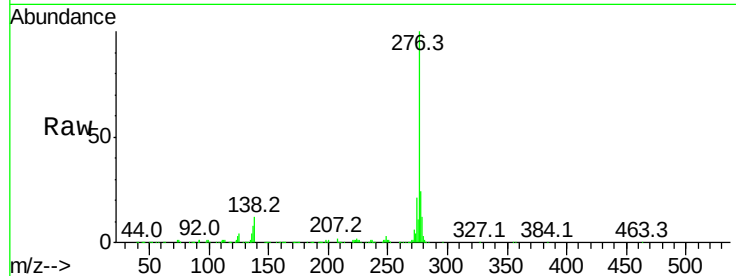
138 7.5 16.0 24.0#

277 26.4 20.0 30.0

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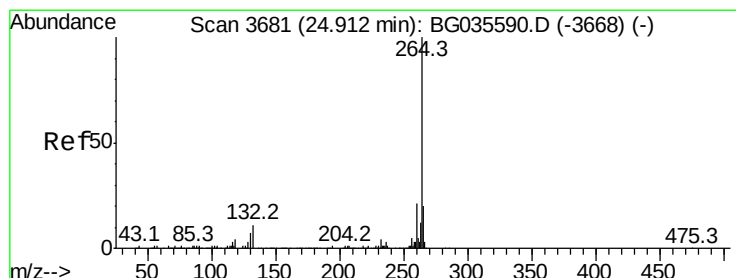
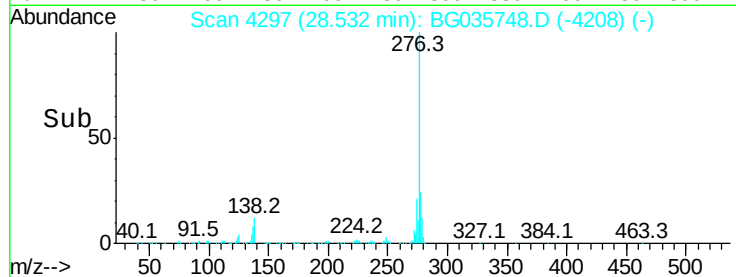
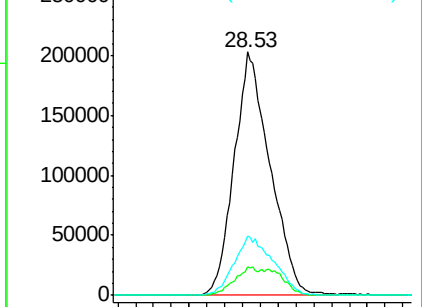
7/19/2018 3:45:30 PM



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: 24.88 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BG035748.D

Acq: 19 Jul 2018 11:26

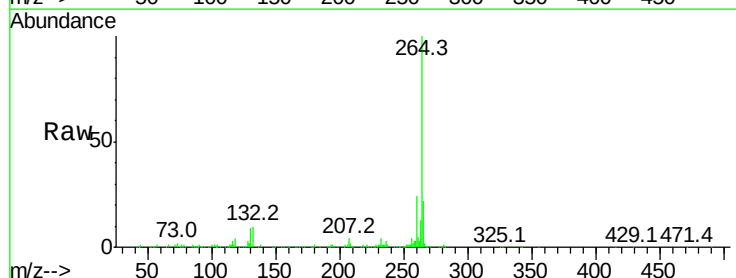
Tgt Ion:264 Resp: 322990

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

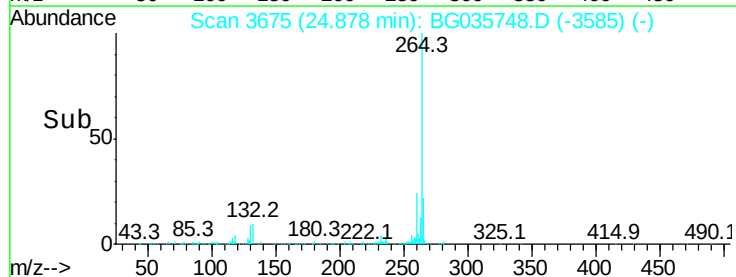
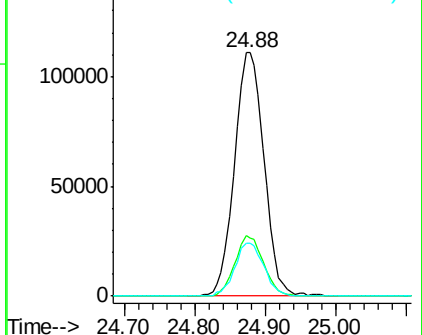
265 21.9 17.7 26.5

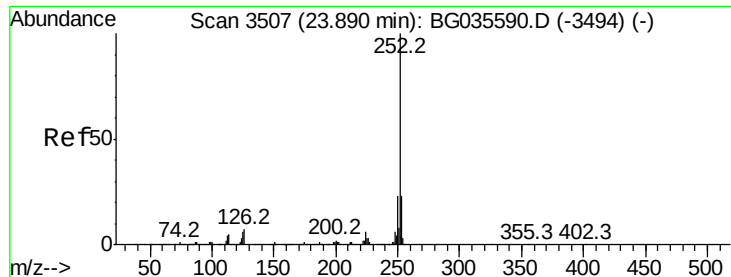


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





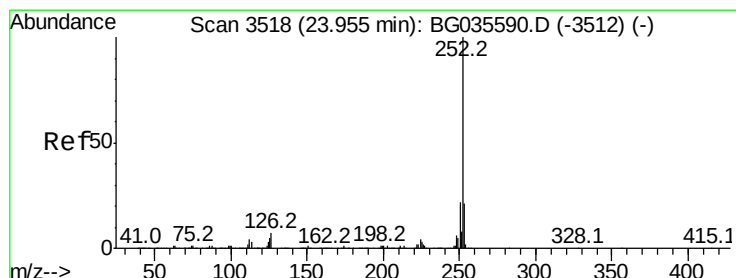
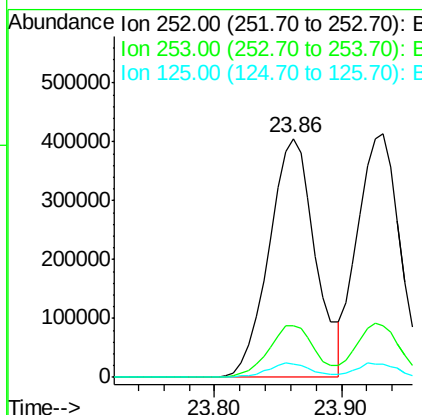
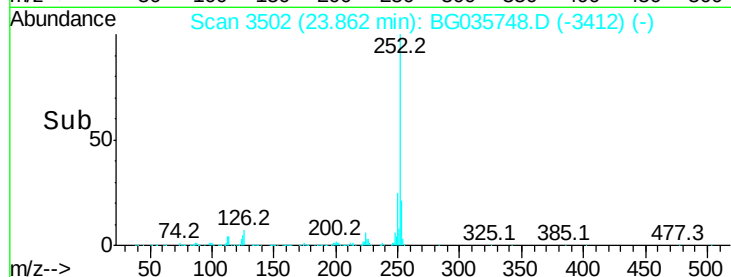
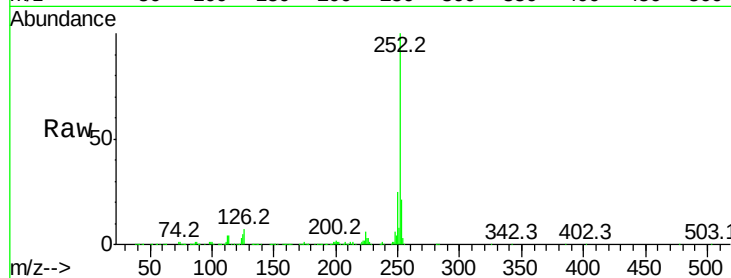
#87
Benzo(b)fluoranthene
Concen: 52.353 ng
RT: 23.86 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	5.4	7.2	10.8

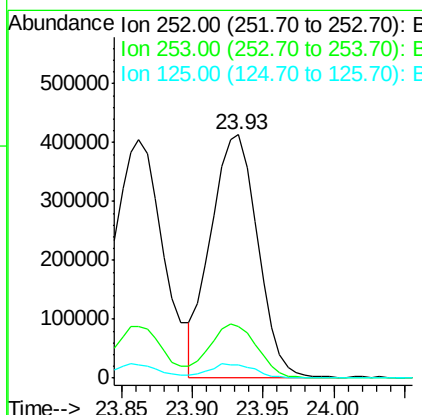
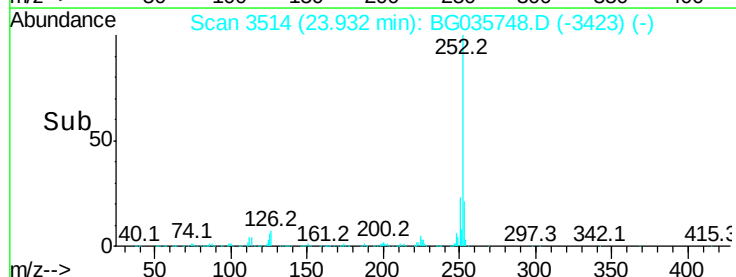
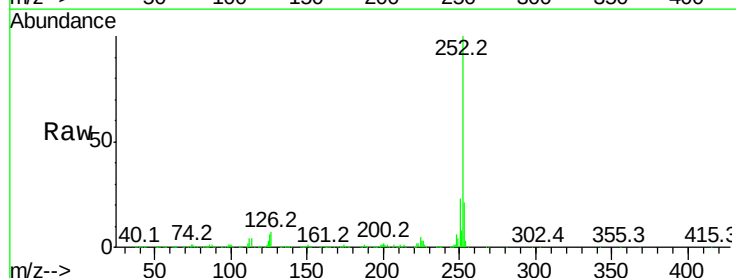
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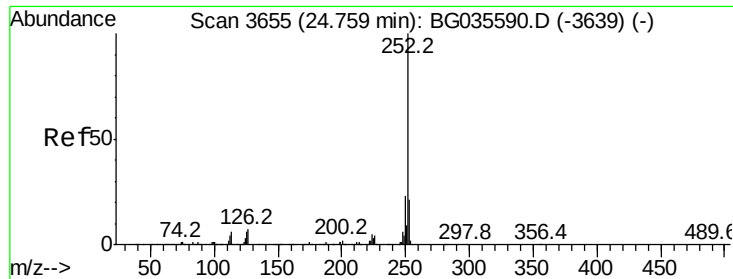
Sohil
7/19/2018 3:45:30 PM



#88
Benzo(k)fluoranthene
Concen: 49.766 ng
RT: 23.93 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	5.6	6.6	9.8





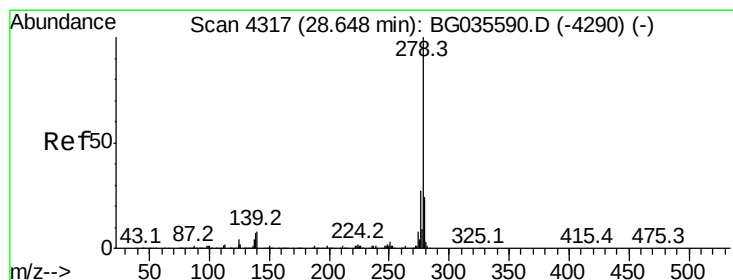
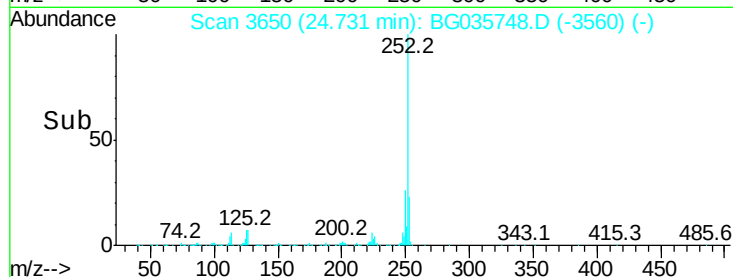
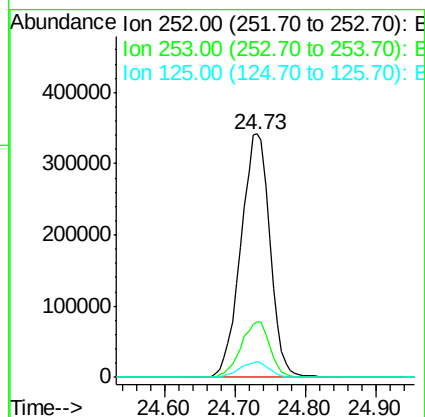
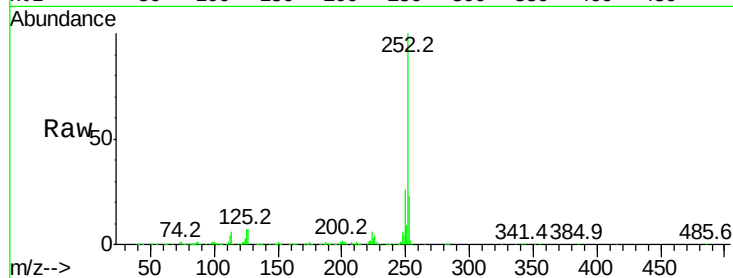
#89
Benzo(a)pyrene
Concen: 53.838 ng
RT: 24.73 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	6.6	7.3	10.9#

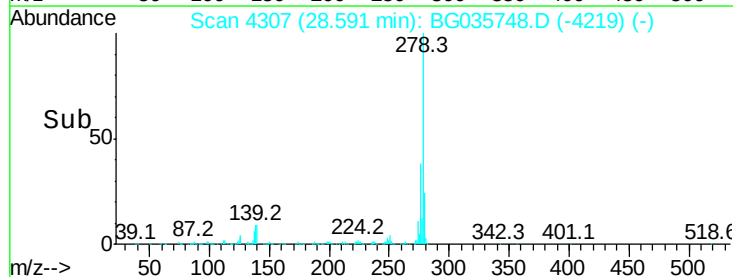
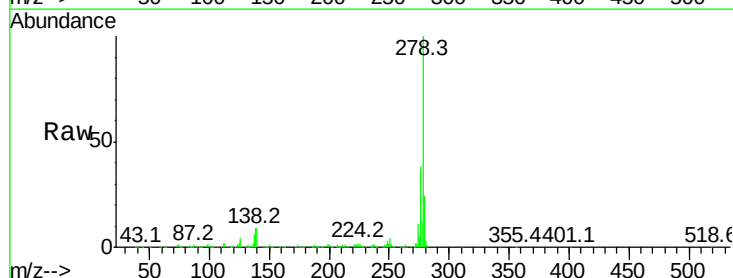
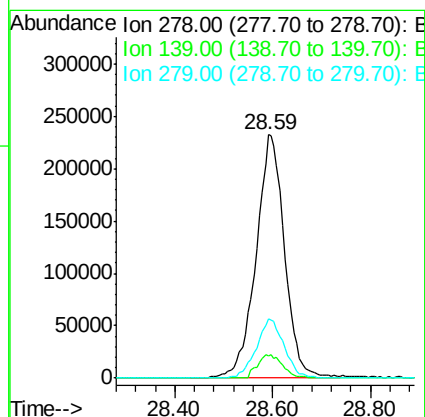
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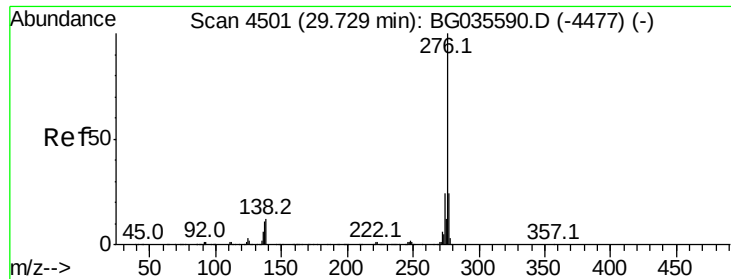
Sohil
7/19/2018 3:45:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.868 ng
RT: 28.59 min Scan# 4307
Delta R.T. -0.02 min
Lab File: BG035748.D
Acq: 19 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.3	9.8	14.6#
279	24.2	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 54.097 ng
 RT: 29.68 min Scan# 4493
 Delta R.T. -0.00 min
 Lab File: BG035748.D
 Acq: 19 Jul 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BS

Tot Ion:	276	Resp:	949140
Ion Ratio	Lower	Upper	
276	100		
277	22.3	18.3	27.5
138	14.0	13.9	20.9

Manual Integrations
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Sohil
 7/19/2018 3:45:30 PM

