

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035637.D
 Acq On : 13 Jul 2018 20:04
 Operator : JU/SJ
 Sample : J3943-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:24:19 PM

Quant Time: Jul 14 00:54:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47102	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	197839	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	148311	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	385760	20.00	ng	0.00
75) Chrysene-d12	21.69	240	380956	20.00	ng	0.00
86) Perylene-d12	24.91	264	372013	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	314241	110.76	ng	0.00
7) Phenol-d6	7.22	99	479029	113.17	ng	0.00
23) Nitrobenzene-d5	9.22	82	311756	65.83	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	212296	108.60	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	736353	66.52	ng	0.00
78) Terphenyl-d14	20.02	244	1219609	70.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	31713	21.962	ng	# 75
3) Pyridine	3.95	79	38568	10.231	ng	# 69
4) n-Nitrosodimethylamine	3.86	42	46193	28.539	ng	# 88
6) Aniline	7.38	93	140732	25.651	ng	97
8) 2-Chlorophenol	7.62	128	103958	36.028	ng	98
9) Benzaldehyde	7.20	77	76156	29.322	ng	95
10) Phenol	7.25	94	175404	41.016	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	109194	32.604	ng	89
12) 1,3-Dichlorobenzene	7.95	146	108175	31.045	ng	97
13) 1,4-Dichlorobenzene	8.09	146	109691	30.983	ng	99
14) 1,2-Dichlorobenzene	8.41	146	107288	31.545	ng	95
15) Benzyl Alcohol	8.29	79	128777	33.502	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	127033	45.243	ng	79
17) 2-Methylphenol	8.49	107	108320	37.255	ng	# 92
18) Hexachloroethane	9.14	117	42049	31.063	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	106613	29.910	ng	# 86
20) 3+4-Methylphenols	8.83	107	152240	37.743	ng	90
22) Acetophenone	8.88	105	194966	31.690	ng	# 92
24) Nitrobenzene	9.26	77	158715	33.324	ng	90
25) Isophorone	9.78	82	314879	35.817	ng	97
26) 2-Nitrophenol	9.97	139	62828	37.143	ng	# 92
27) 2,4-Dimethylphenol	10.03	122	114926	40.138	ng	88
28) bis(2-Chloroethoxy)methane	10.26	93	159112	32.845	ng	98
29) 2,4-Dichlorophenol	10.51	162	131305	40.173	ng	92
30) 1,2,4-Trichlorobenzene	10.72	180	137011	34.186	ng	96
31) Naphthalene	10.91	128	340987	33.087	ng	98
32) Benzoic acid	10.14	122	24742	12.836	ng	# 88
33) 4-Chloroaniline	11.01	127	79170	17.626	ng	98
34) Hexachlorobutadiene	11.20	225	101188	32.377	ng	97
35) Caprolactam	11.78	113	42727m	30.462	ng	
36) 4-Chloro-3-methylphenol	12.14	107	161250	36.806	ng	92
37) 2-Methylnaphthalene	12.51	142	279506	36.404	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	181939	32.502	ng	98
40) Hexachlorocyclopentadiene	12.86	237	205785	70.097	ng	93

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035637.D
 Acq On : 13 Jul 2018 20:04
 Operator : JU/SJ
 Sample : J3943-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:24:19 PM

Quant Time: Jul 14 00:54:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	120520	36.816	nq	95
43) 2,4,5-Trichlorophenol	13.19	196	131074	35.791	nq	97
45) 1,1'-Biphenyl	13.51	154	381415	33.171	nq	98
46) 2-Chloronaphthalene	13.56	162	299148	33.447	nq	98
47) 2-Nitroaniline	13.76	65	109764	34.714	nq	96
48) Acenaphthylene	14.40	152	500276	33.391	nq	97
49) Dimethylphthalate	14.13	163	557895	42.934	nq #	98
50) 2,6-Dinitrotoluene	14.25	165	89848	33.955	nq	92
51) Acenaphthene	14.74	154	293059	31.400	nq	97
52) 3-Nitroaniline	14.58	138	68101	25.180	nq #	96
53) 2,4-Dinitrophenol	14.78	184	85137	64.001	nq #	70
54) Dibenzofuran	15.07	168	487107	32.817	nq	92
55) 4-Nitrophenol	14.89	139	140347	72.868	nq	92
56) 2,4-Dinitrotoluene	15.04	165	135398	35.667	nq	90
57) Fluorene	15.72	166	405590	32.602	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	127785	36.393	nq #	96
59) Diethylphthalate	15.49	149	417767	31.267	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	232942	31.858	nq	97
61) 4-Nitroaniline	15.75	138	92417	32.667	nq	86
62) Azobenzene	16.01	77	437752	33.214	nq	95
64) 4,6-Dinitro-2-methylphenol	15.80	198	71088	33.104	nq	85
65) n-Nitrosodiphenylamine	15.93	169	356605	32.477	nq	96
66) 4-Bromophenyl-phenylether	16.61	248	159187	35.569	nq	96
67) Hexachlorobenzene	16.72	284	159829	34.678	nq	96
68) Atrazine	16.87	200	161690	35.765	nq	95
69) Pentachlorophenol	17.07	266	166602	59.347	nq	98
70) Phenanthrene	17.46	178	640536	33.277	nq	98
71) Anthracene	17.55	178	660253	34.448	nq	97
72) Carbazole	17.82	167	592891	32.573	nq	98
73) Di-n-butylphthalate	18.37	149	676442	31.448	nq #	98
74) Fluoranthene	19.47	202	826850	31.890	nq	98
76) Benzidine	19.64	184	192408	19.211	nq	99
77) Pyrene	19.83	202	816087	33.879	nq	98
79) Butylbenzylphthalate	20.71	149	297772	34.568	nq	98
80) Benzo(a)anthracene	21.67	228	810656	34.147	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	198091	23.931	nq	99
82) Chrysene	21.73	228	755635	34.348	nq	97
83) Bis(2-ethylhexyl)phthalate	21.56	149	411672	35.153	nq	97
84) Di-n-octyl phthalate	22.77	149	689499	35.164	nq #	94
85) Indeno(1,2,3-cd)pyrene	28.57	276	854863	35.098	nq #	89
87) Benzo(b)fluoranthene	23.88	252	774293	34.244	nq #	97
88) Benzo(k)fluoranthene	23.95	252	729562	33.004	nq #	97
89) Benzo(a)pyrene	24.76	252	738013	35.084	nq #	96
90) Dibenzo(a,h)anthracene	28.64	278	710240	34.392	nq #	96
91) Benzo(g,h,i)perylene	29.72	276	716846	35.473	nq #	94

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

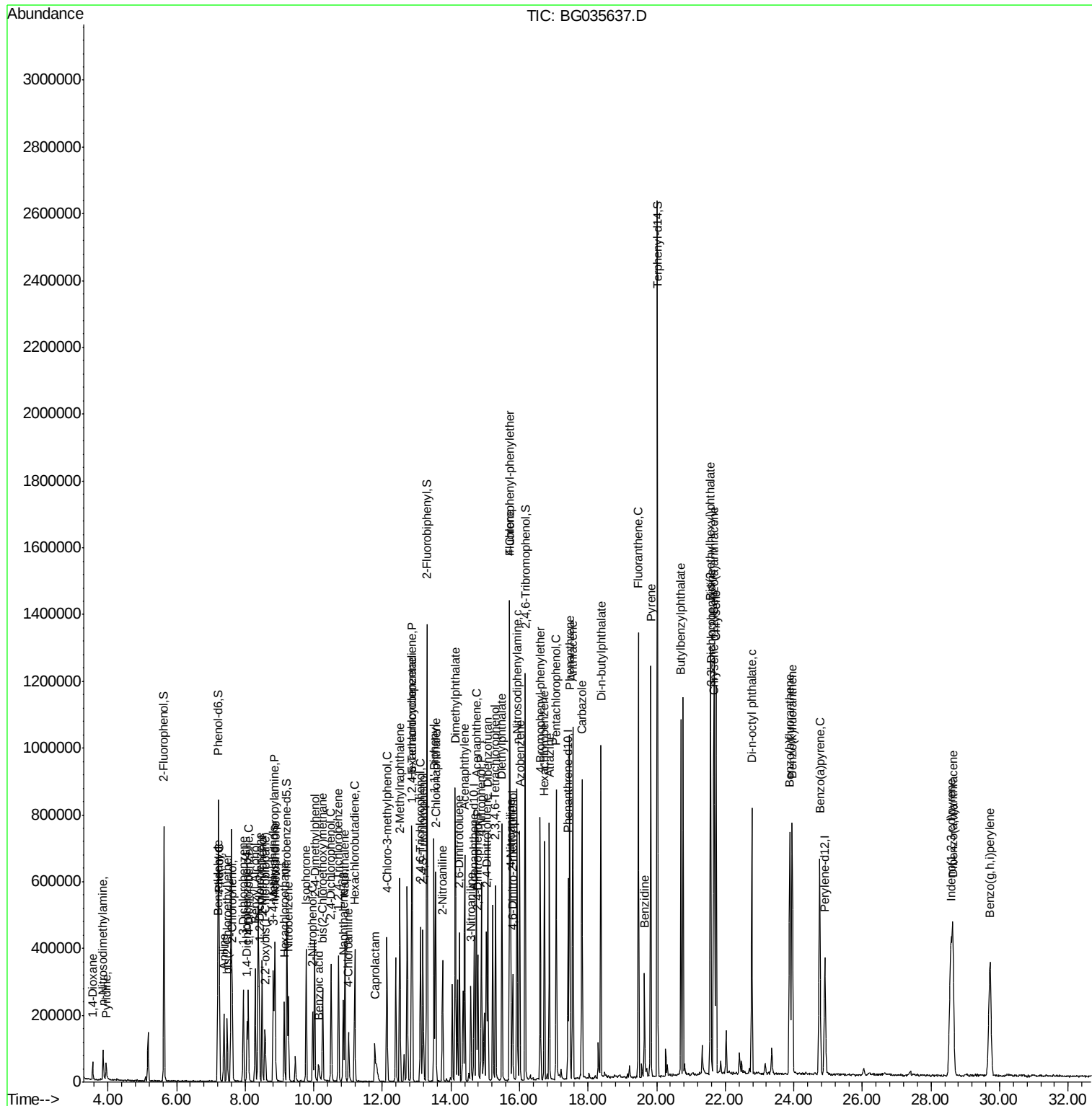
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
Data File : BG035637.D
Acq On : 13 Jul 2018 20:04
Operator : JU/SJ
Sample : J3943-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM

Quant Time: Jul 14 00:54:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration





#1

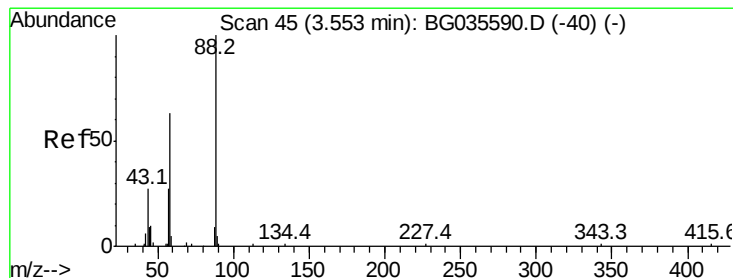
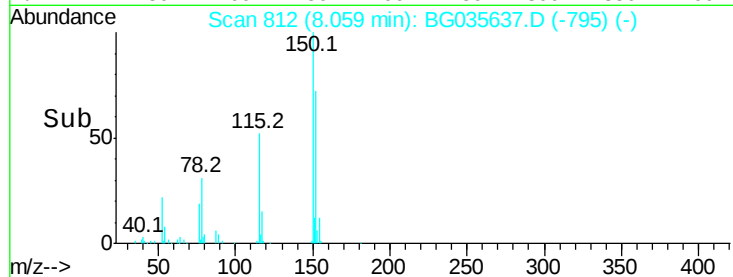
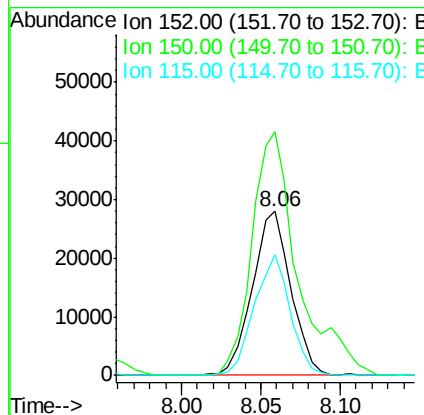
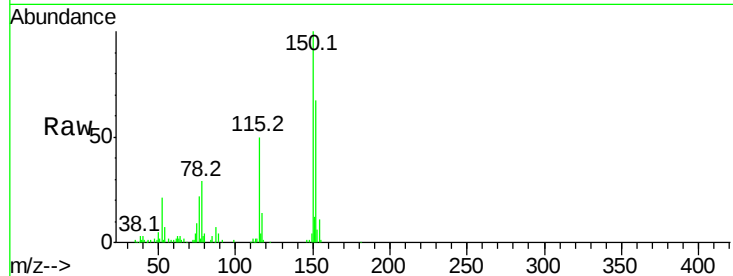
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	126.6	189.8
115	73.7	53.0	79.4

Manual Integrations
APPROVED

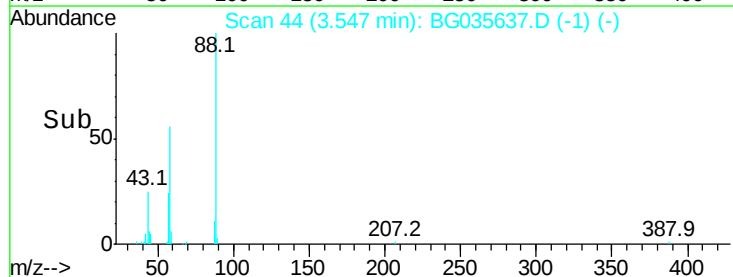
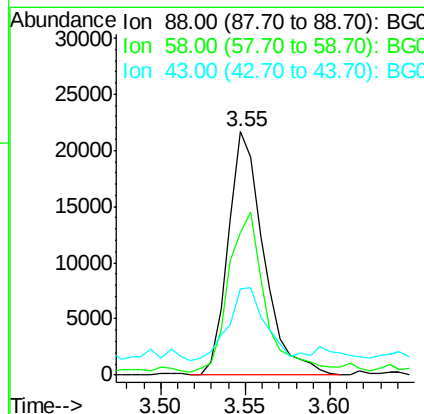
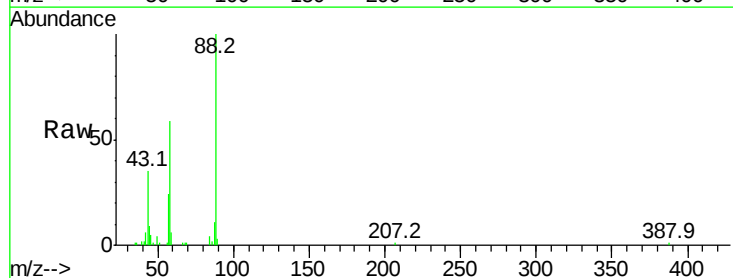
Sohil
7/16/2018 3:24:19 PM

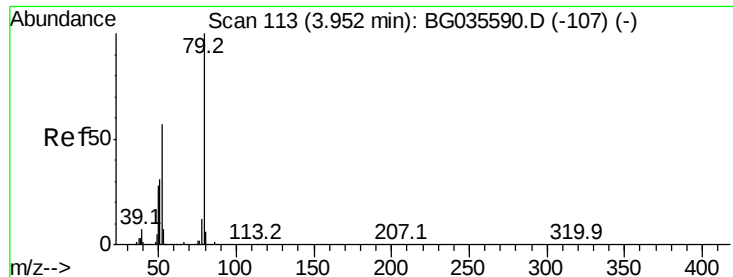


#2

1,4-Dioxane
Concen: 21.962 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.01 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	79.6	119.4#
43	32.8	27.4	41.0





#3

Pvridine

Concen: 10.231 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

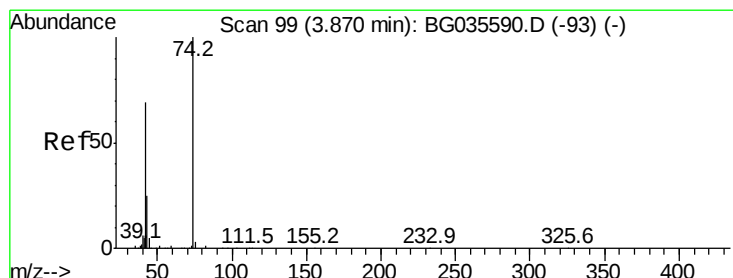
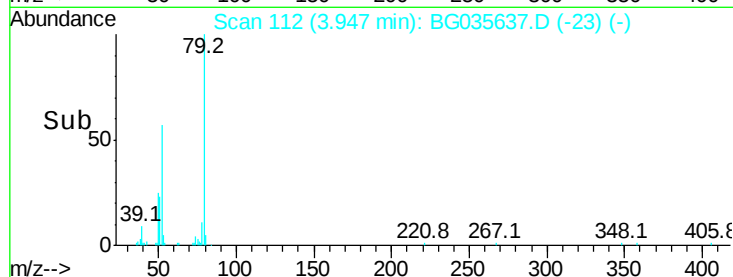
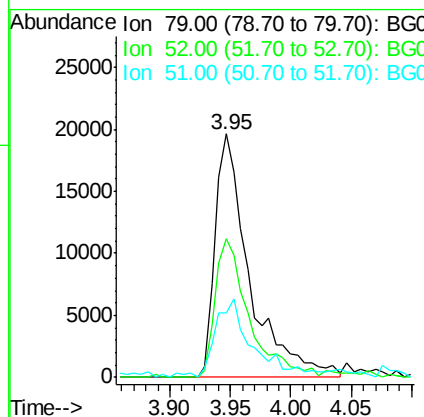
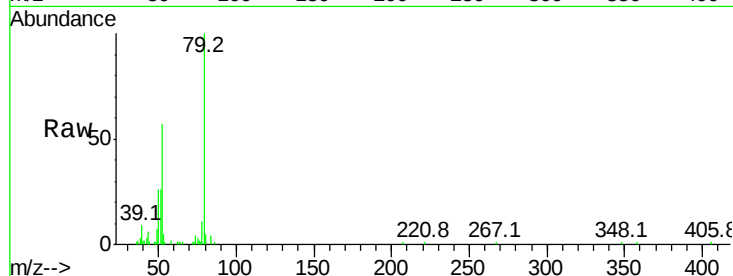
ClientSampleId :

C-1MSD

Tot Ion:	79	Resp:	38568
Ion Ratio	Lower	Upper	
79	100		
52	56.8	69.9	104.9#
51	26.3	34.0	51.0#

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#4

n-Nitrosodimethylamine

Concen: 28.539 ng

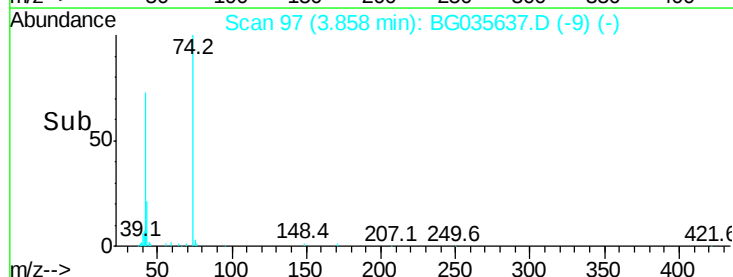
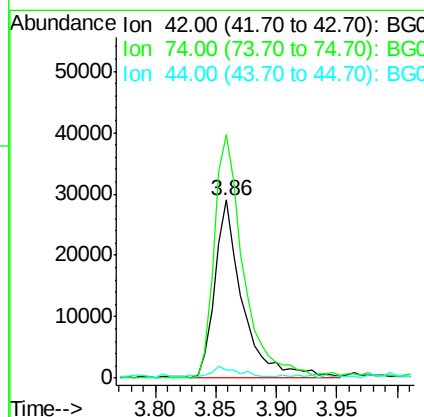
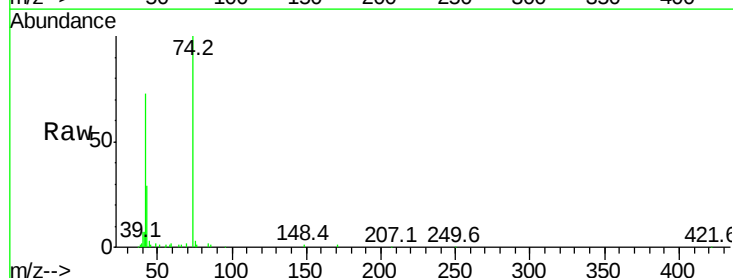
RT: 3.86 min Scan# 97

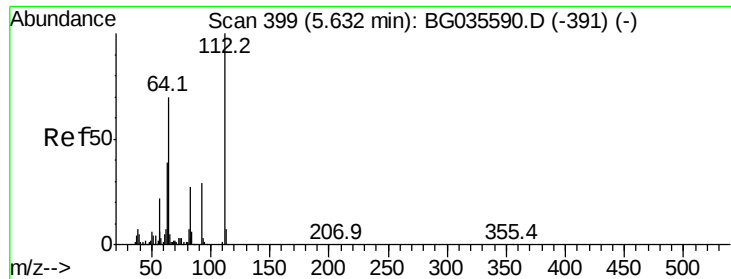
Delta R.T. -0.01 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion:	42	Resp:	46193
Ion Ratio	Lower	Upper	
42	100		
74	136.6	102.5	153.7
44	4.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 110.763 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

ClientSampled :

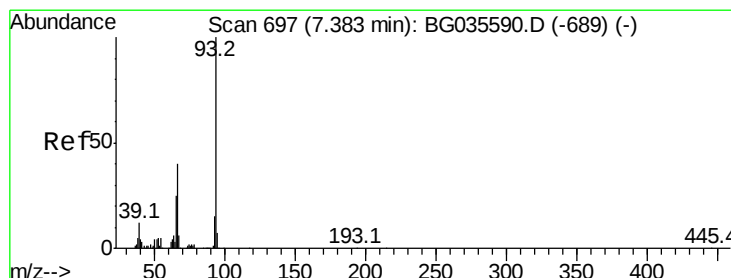
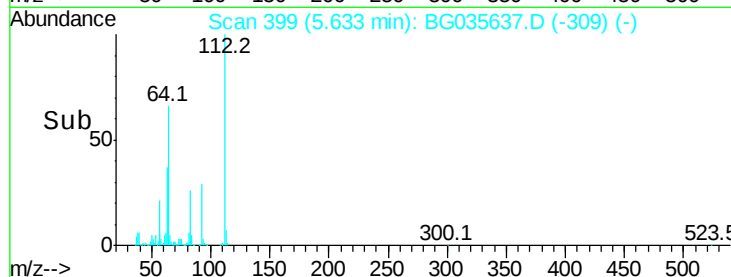
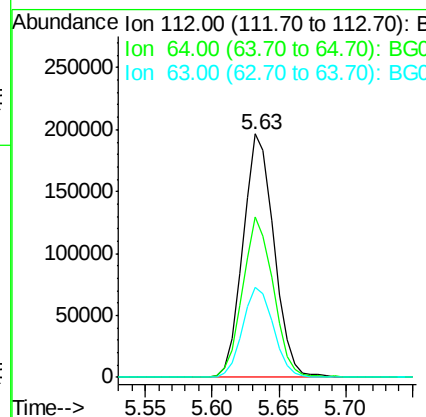
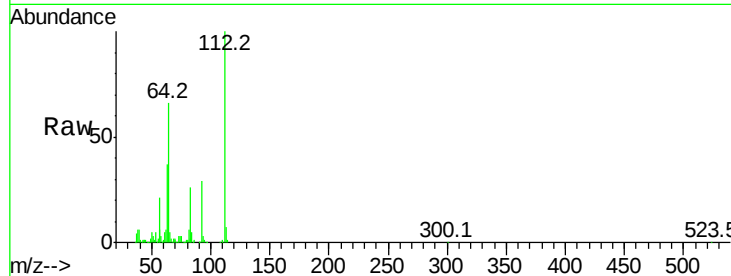
C-1MSD

Tot Ion:	112	Resp:	314241
Ion Ratio	Lower	Upper	
112	100		
64	65.8	56.3	84.5
63	36.9	30.1	45.1

Manual Integrations
APPROVED

Sohil

7/16/2018 3:24:19 PM



#6

Aniline

Concen: 25.651 ng

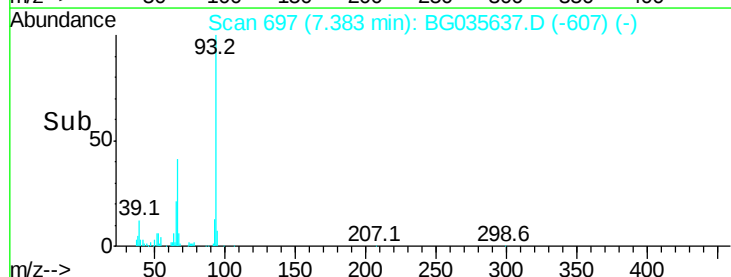
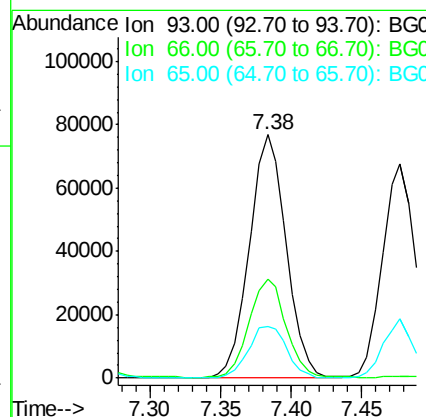
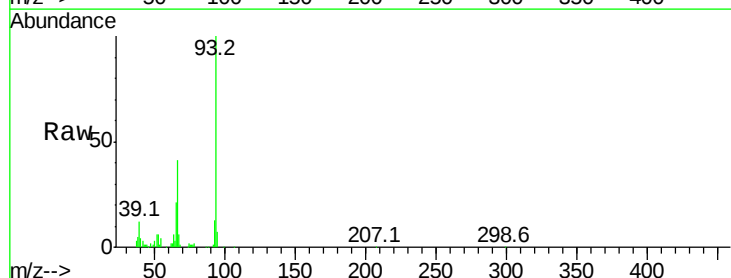
RT: 7.38 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion:	93	Resp:	140732
Ion Ratio	Lower	Upper	
93	100		
66	40.5	33.7	50.5
65	21.5	16.1	24.1





#7

Phenol-d6

Concen: 113.169 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

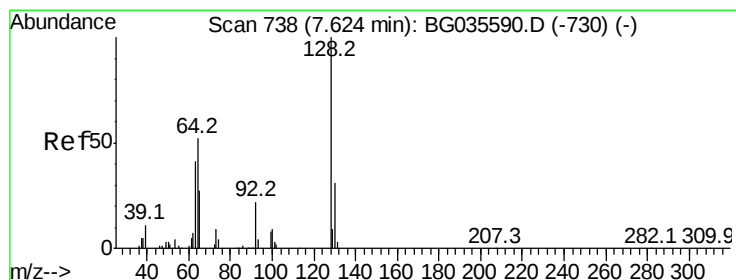
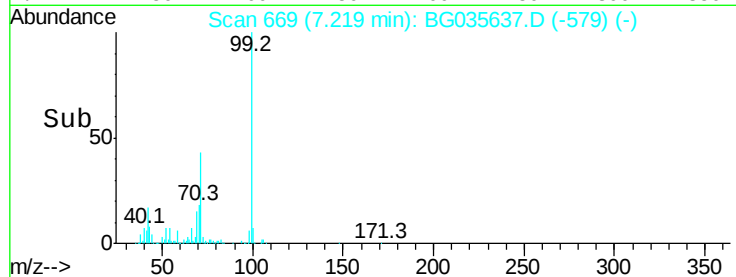
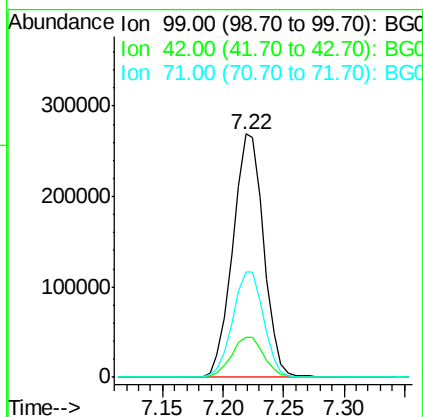
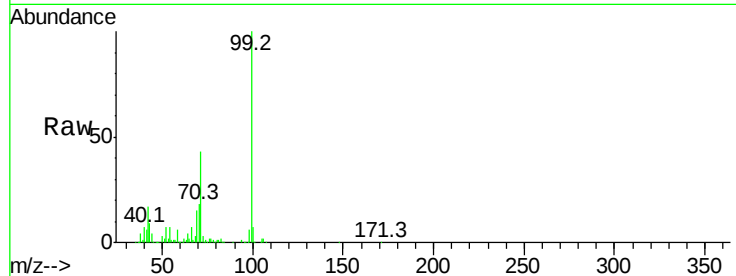
ClientSampleId :

C-1MSD

Tot Ion	99	Resp	479029
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.1	21.1
71	43.1	26.1	39.1#

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#8

2-Chlorophenol

Concen: 36.028 ng

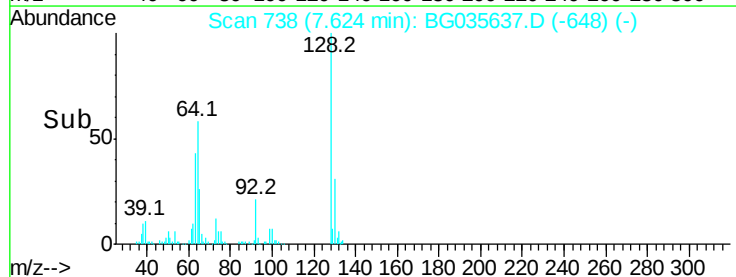
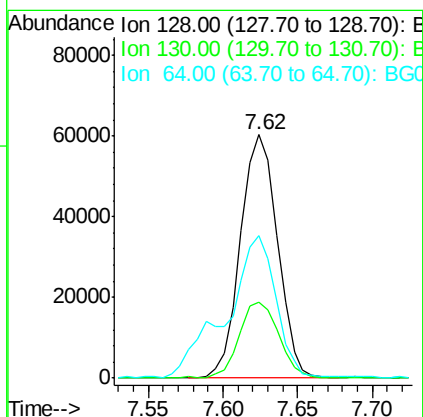
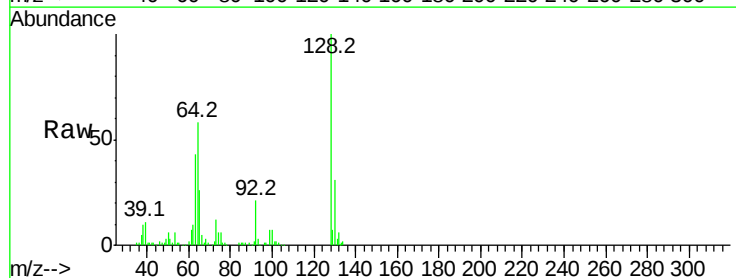
RT: 7.62 min Scan# 738

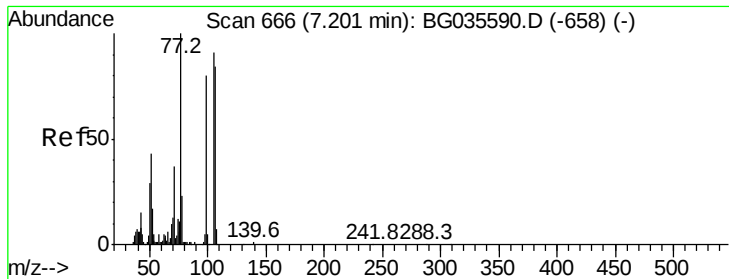
Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion	128	Resp	103958
Ion Ratio	Lower	Upper	
128	100		
130	31.4	14.0	54.0
64	58.5	37.7	77.7





#9

Benzaldehyde

Concen: 29.322 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

ClientSampled :

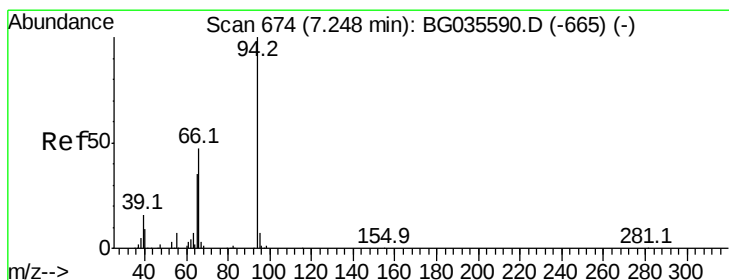
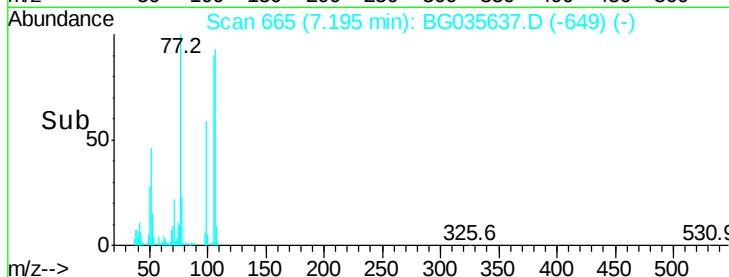
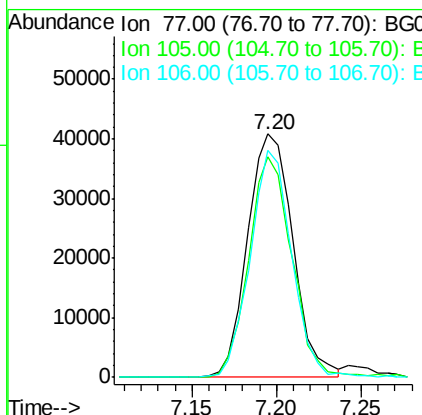
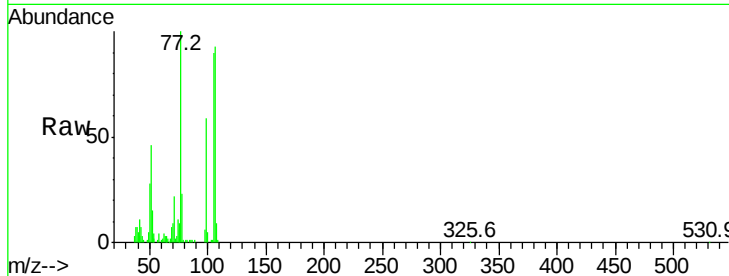
C-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.5	71.3	111.3
106	93.4	64.2	104.2

Manual Integrations
APPROVED

Sohil

7/16/2018 3:24:19 PM



#10

Phenol

Concen: 41.016 ng

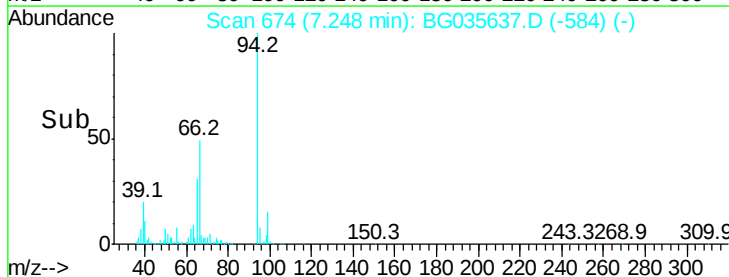
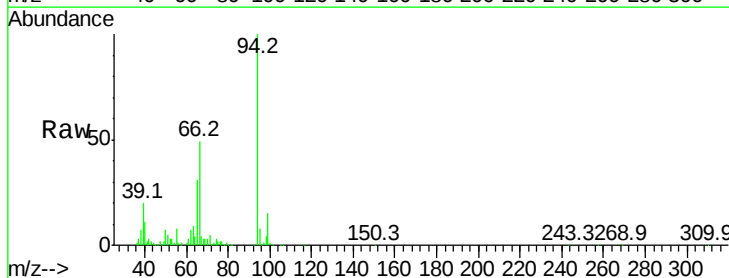
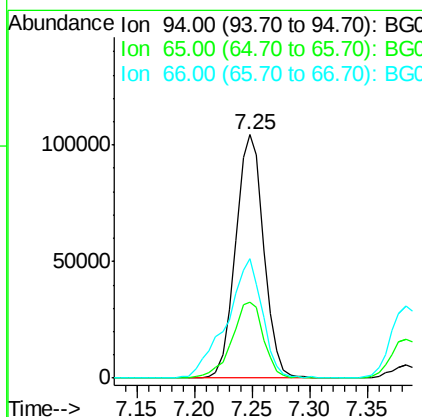
RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.4	11.9	51.9
66	49.3	22.2	62.2





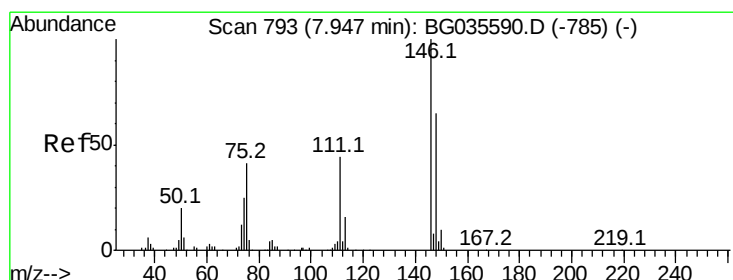
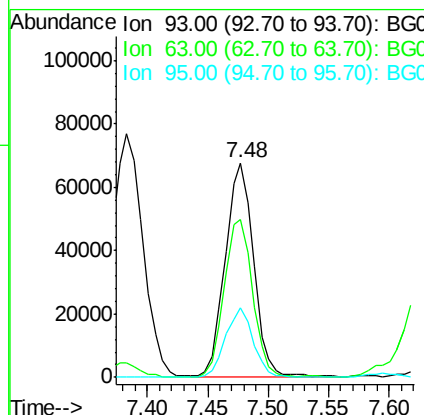
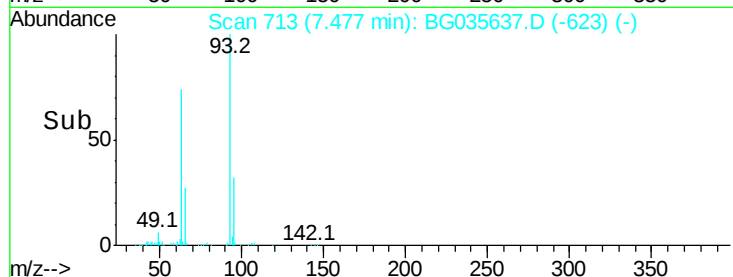
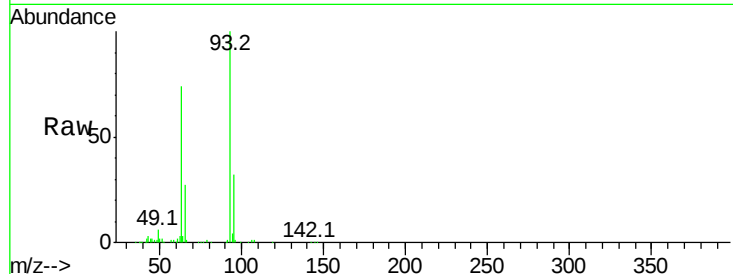
#11
bis(2-Chloroethyl)ether
Concen: 32.604 ng
RT: 7.48 min Scan# 713
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.8	67.1	107.1	
95	32.2	11.5	51.5	

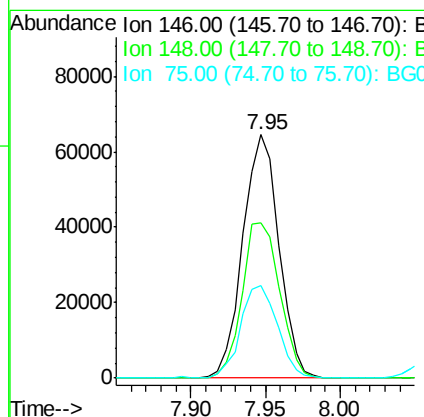
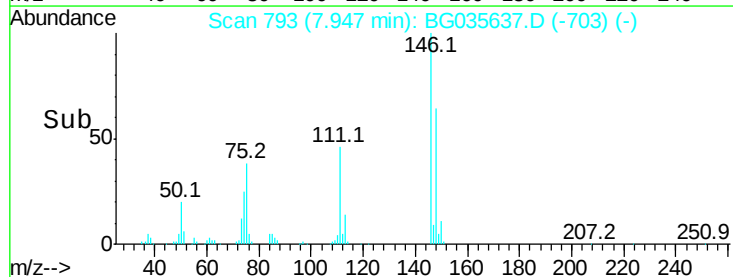
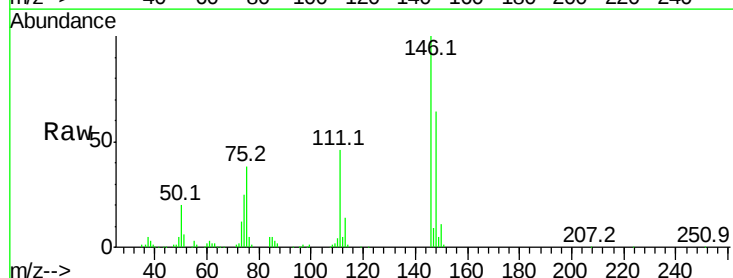
Manual Integrations
APPROVED

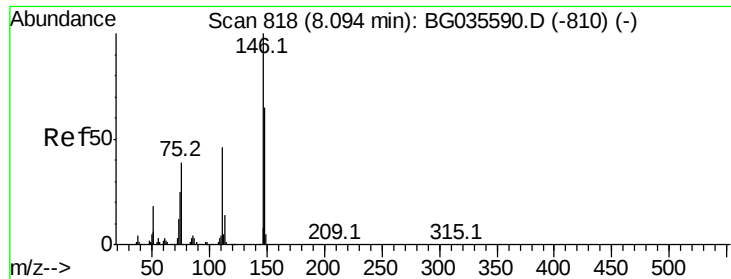
Sohil
7/16/2018 3:24:19 PM



#12
1,3-Dichlorobenzene
Concen: 31.045 ng
RT: 7.95 min Scan# 793
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.8	51.4	77.2	
75	37.9	26.6	39.8	





#13

1,4-Dichlorobenzene

Concen: 30.983 ng

RT: 8.09 min Scan# 818

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

ClientSampleId :

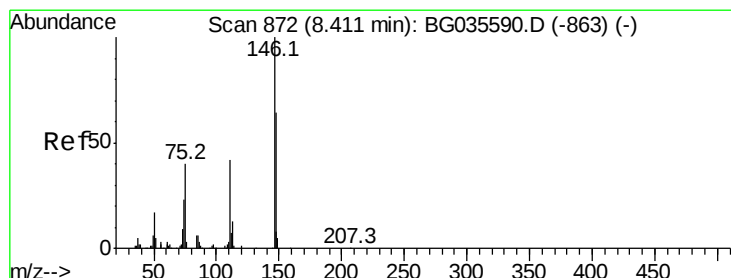
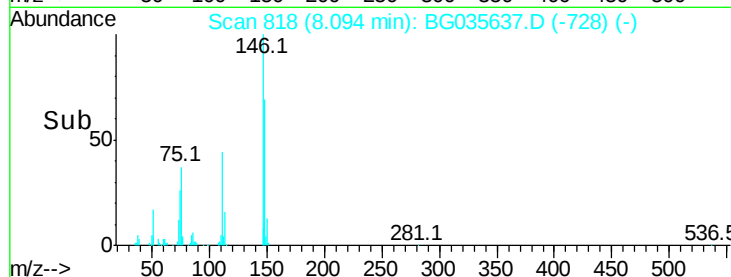
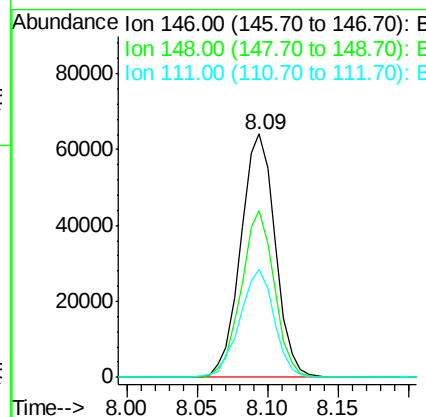
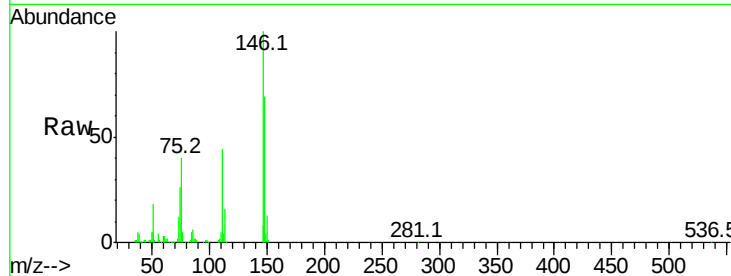
C-1MSD

Tot Ion:	146	Resp:	109691
Ion Ratio	Lower	Upper	
146	100		
148	68.7	53.7	80.5
111	44.4	35.2	52.8

Manual Integrations
APPROVED

Sohil

7/16/2018 3:24:19 PM



#14

1,2-Dichlorobenzene

Concen: 31.545 ng

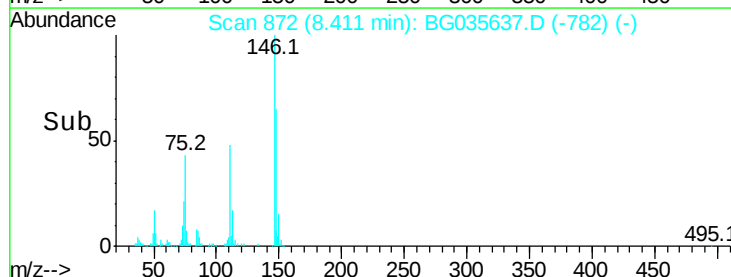
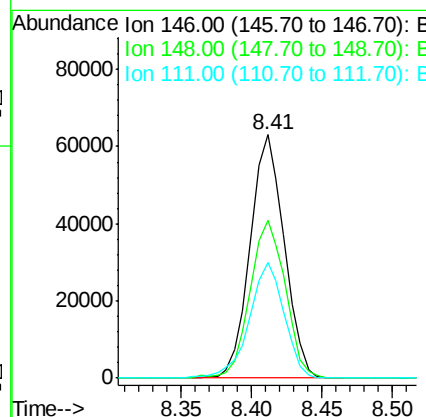
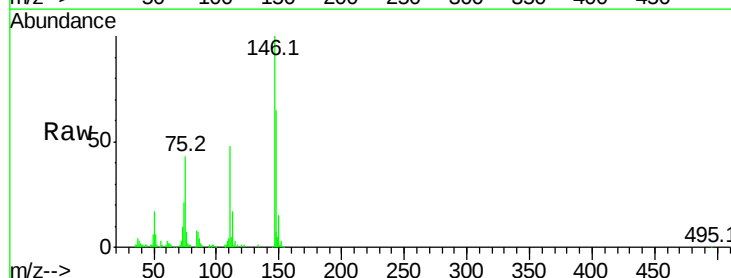
RT: 8.41 min Scan# 872

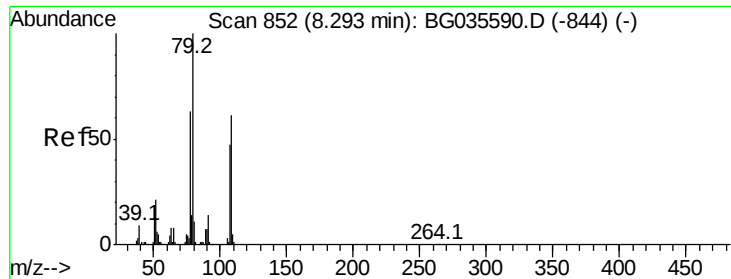
Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion:	146	Resp:	107288
Ion Ratio	Lower	Upper	
146	100		
148	64.6	49.3	73.9
111	47.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 33.502 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

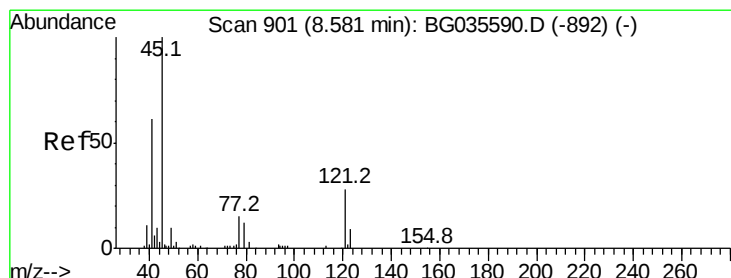
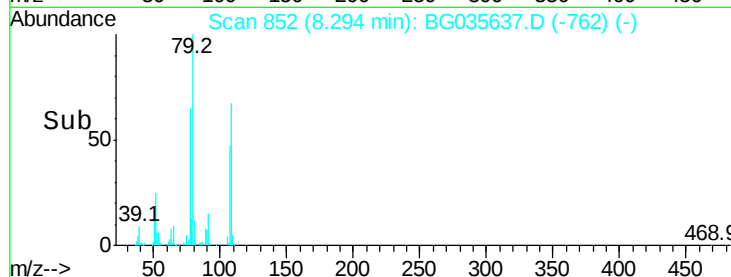
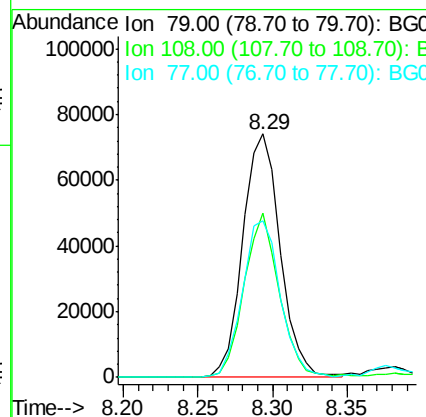
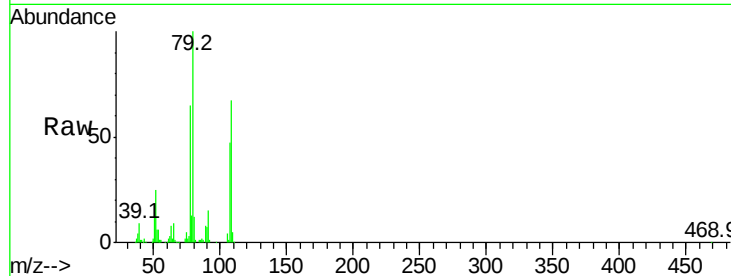
ClientSampleId :

C-1MSD

Tot Ion:	79	Resp:	128777
Ion Ratio	Lower	Upper	
79	100		
108	67.3	57.2	85.8
77	64.5	46.1	69.1

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.243 ng

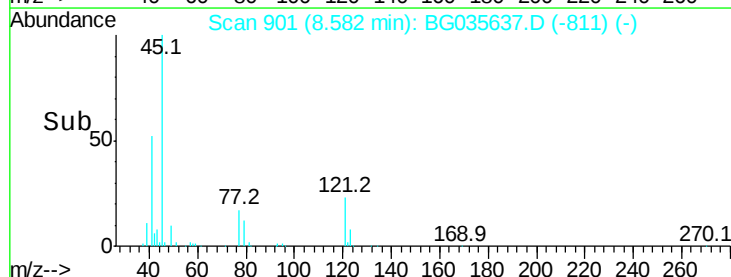
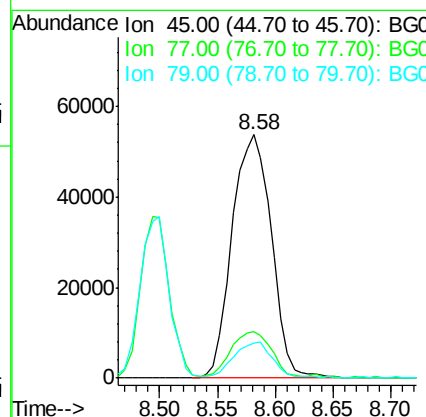
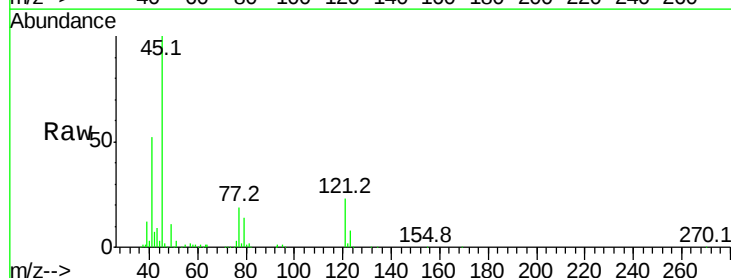
RT: 8.58 min Scan# 901

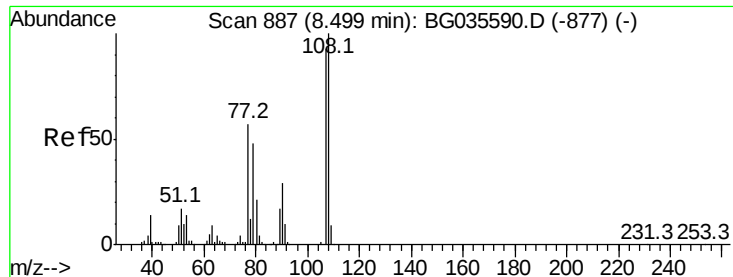
Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion:	45	Resp:	127033
Ion Ratio	Lower	Upper	
45	100		
77	18.9	0.0	30.2
79	14.4	0.0	27.9





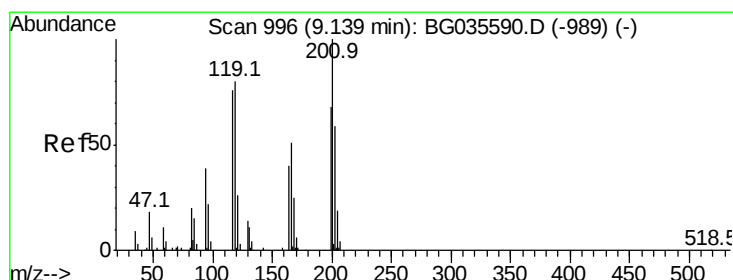
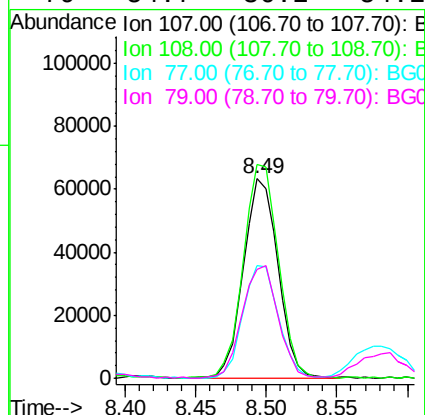
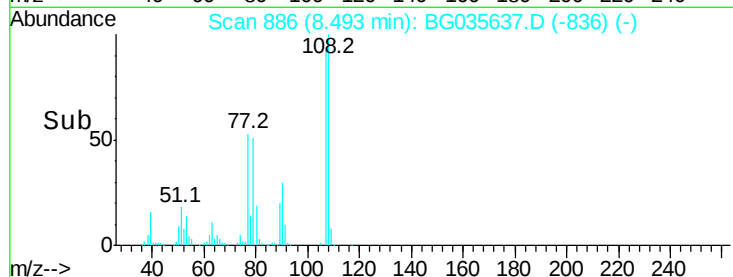
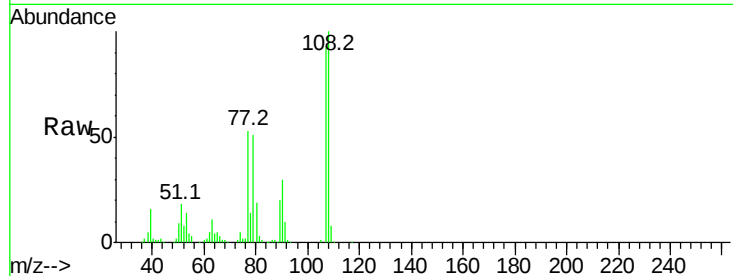
#17
2-Methylphenol
Concen: 37.255 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.1	83.9	125.9	
77	56.3	37.2	55.8#	
79	54.7	36.2	54.2#	

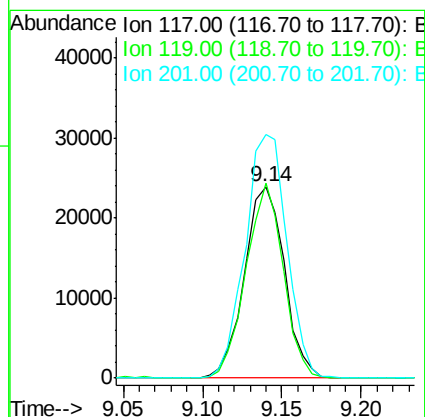
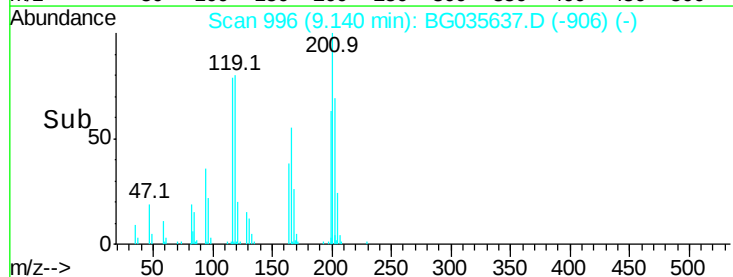
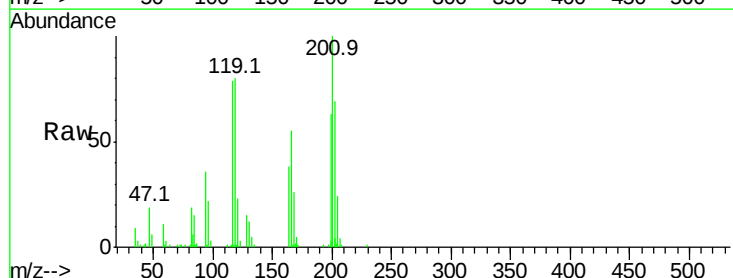
Manual Integrations
APPROVED

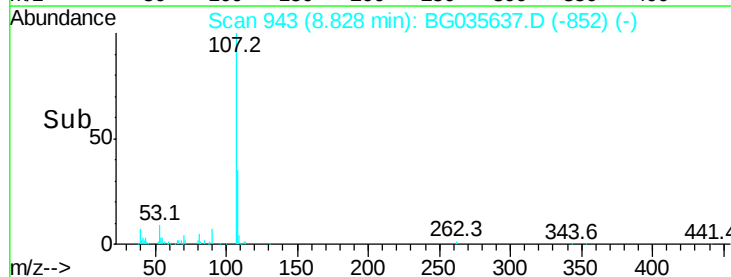
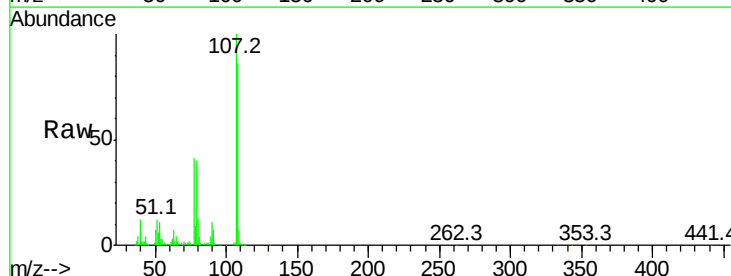
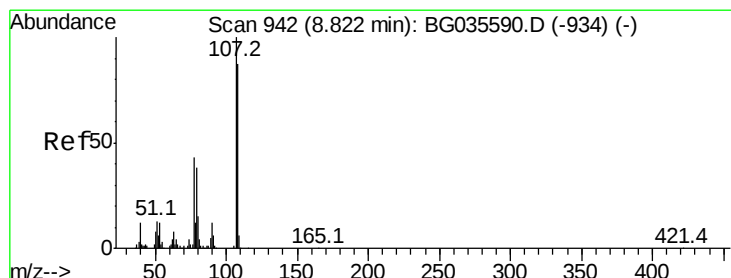
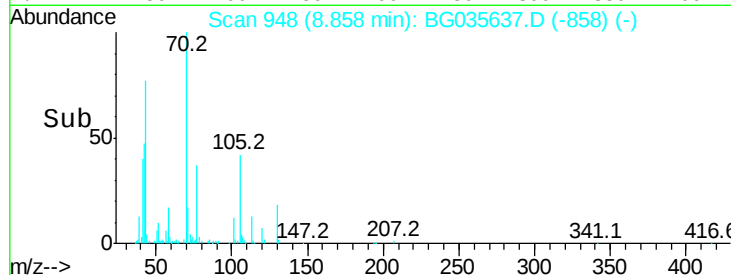
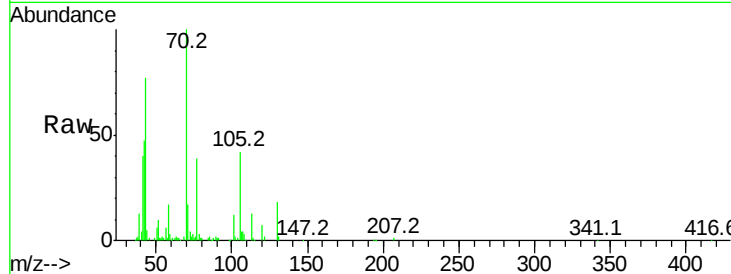
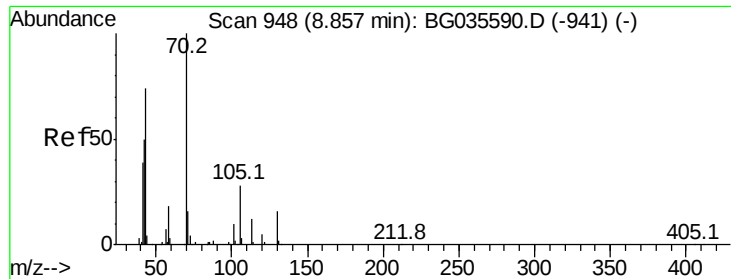
Sohil
7/16/2018 3:24:19 PM



#18
Hexachloroethane
Concen: 31.063 ng
RT: 9.14 min Scan# 996
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.5	76.7	115.1	
201	127.0	95.7	143.5	





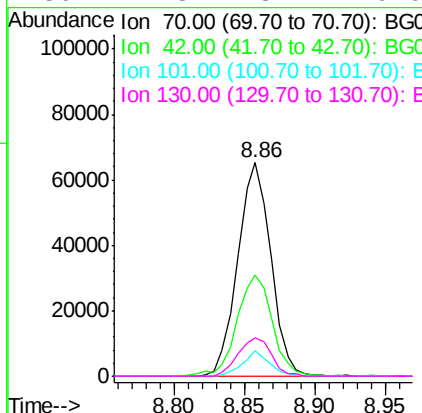
#19
n-Nitroso-di-n-propylamine
Concen: 29.910 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.5	49.1	73.7#
101	12.0	8.5	12.7
130	17.8	13.4	20.0

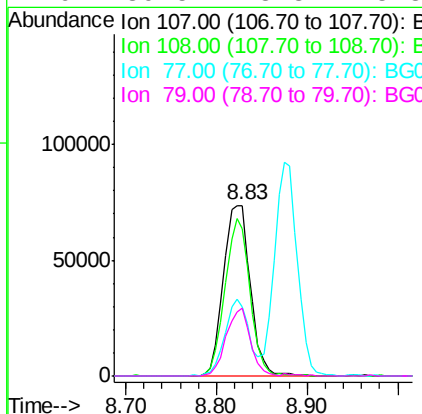
Manual Integrations
APPROVED

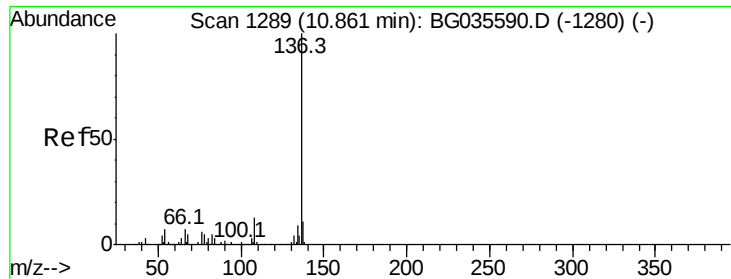
Sohil
7/16/2018 3:24:19 PM



#20
3+4-Methylphenols
Concen: 37.743 ng
RT: 8.83 min Scan# 943
Delta R.T. 0.01 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	61.6	101.6
77	40.7	13.9	53.9
79	39.5	8.8	48.8





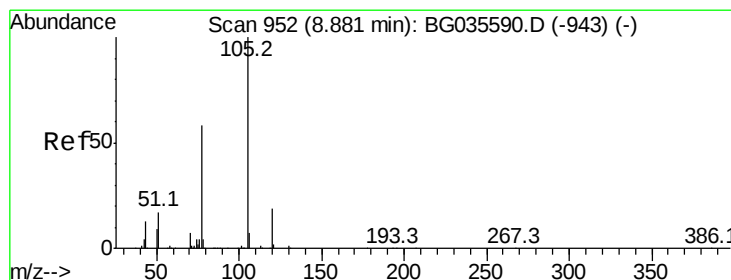
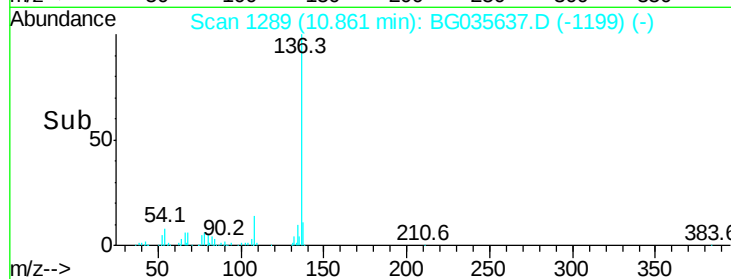
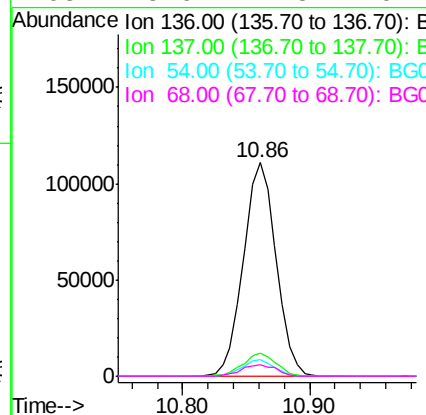
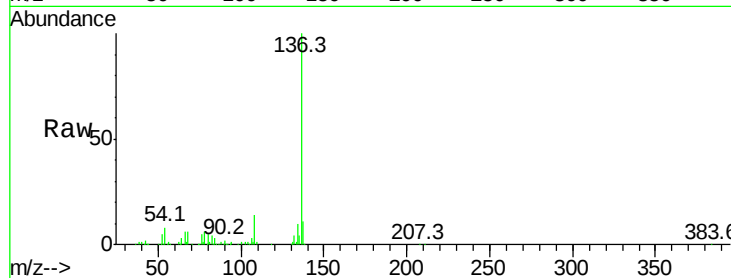
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.2	13.8	
54	7.7	10.3	15.5	
68	5.6	4.5	6.7	

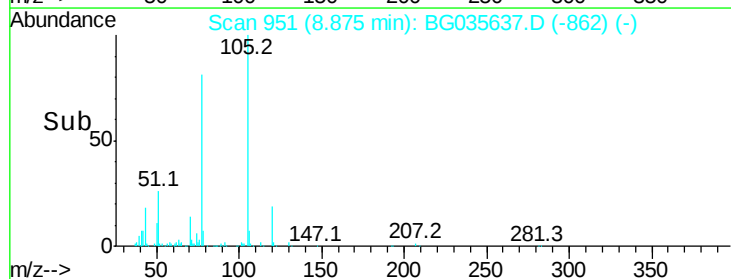
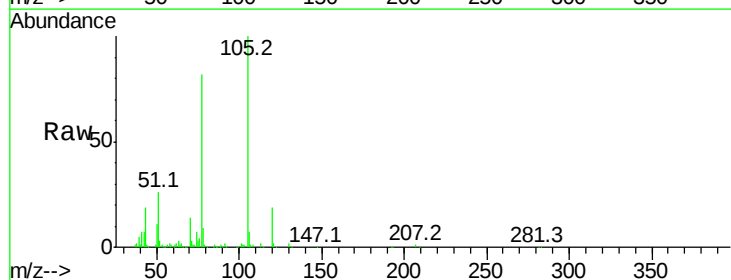
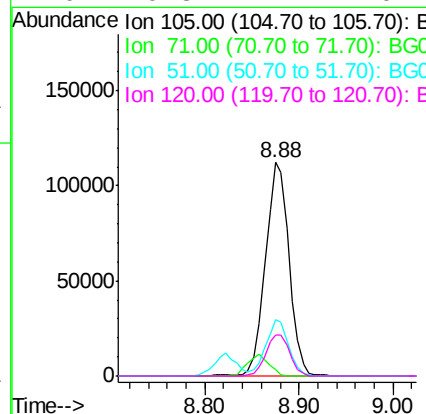
Manual Integrations
APPROVED

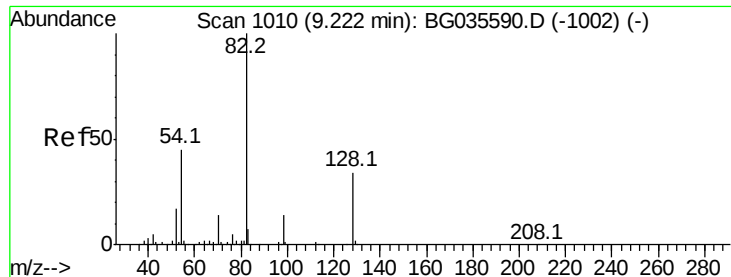
Sohil
7/16/2018 3:24:19 PM



#22
Acetophenone
Concen: 31.690 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.8	3.0	4.4	
51	26.3	26.1	39.1	
120	19.3	17.4	26.2	





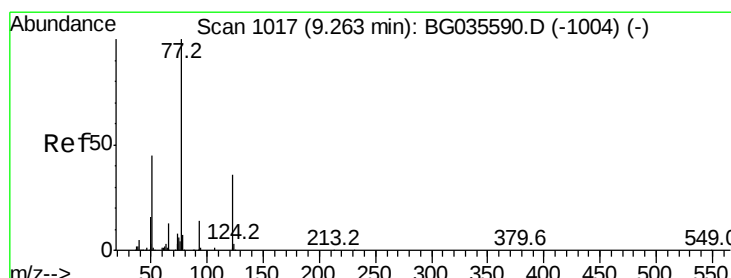
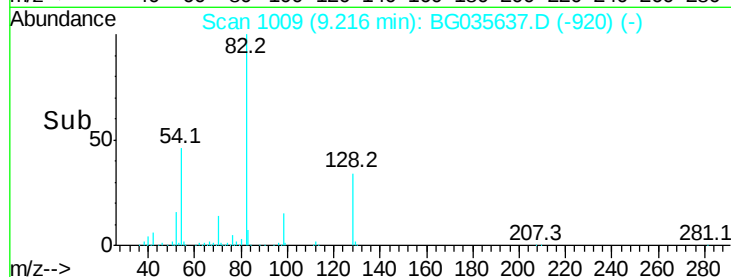
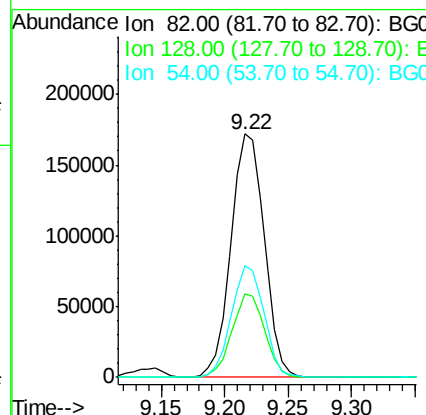
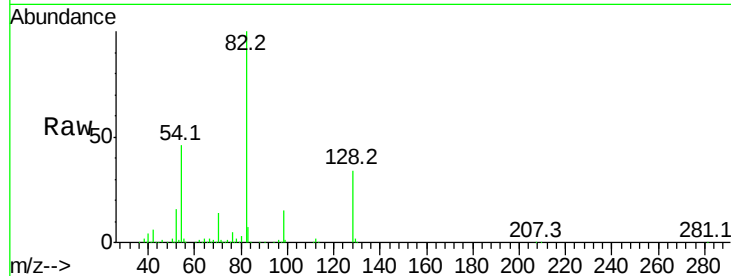
#23
Nitrobenzene-d5
Concen: 65.829 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.4	29.7	44.5	
54	45.9	43.1	64.7	

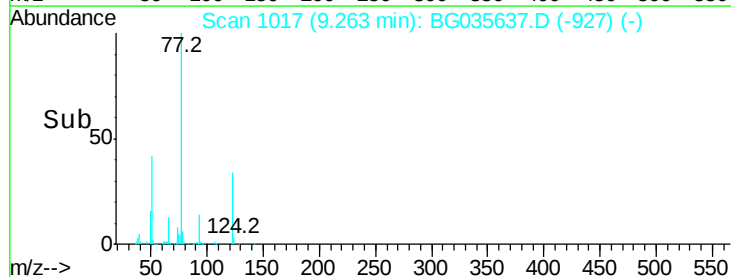
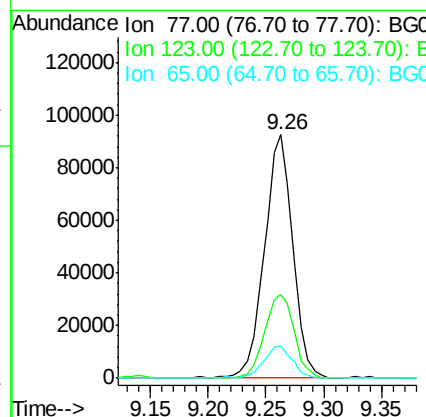
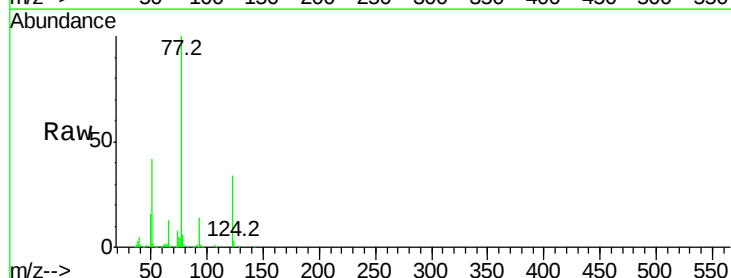
Manual Integrations
APPROVED

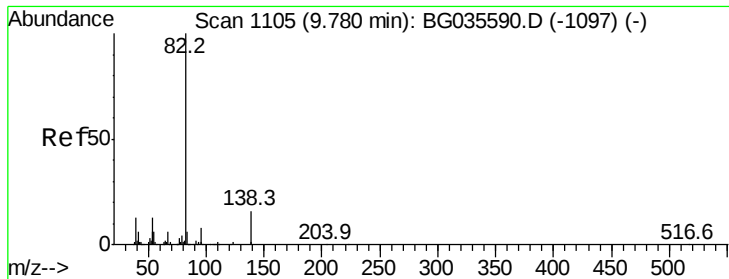
Sohil
7/16/2018 3:24:19 PM



#24
Nitrobenzene
Concen: 33.324 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.3	33.0	49.6	
65	13.1	13.0	19.6	





#25

Isophorone

Concen: 35.817 ng

RT: 9.78 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

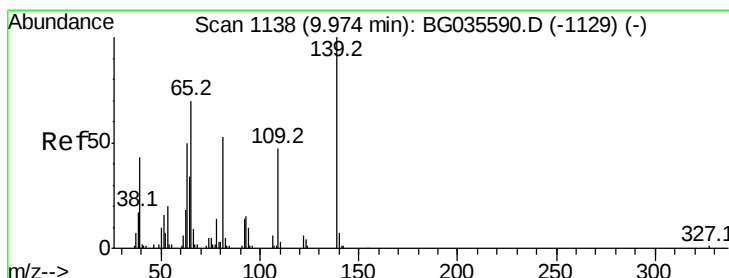
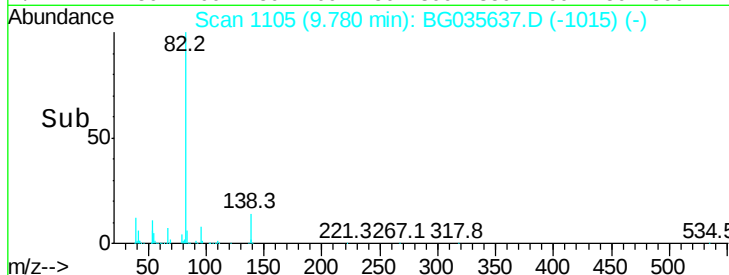
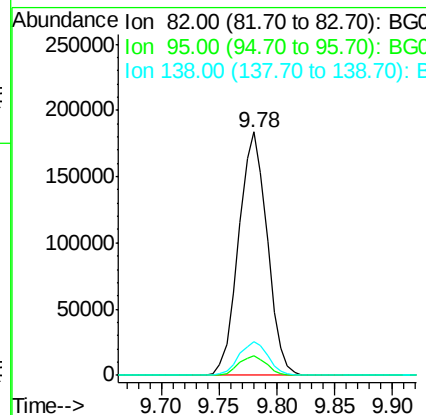
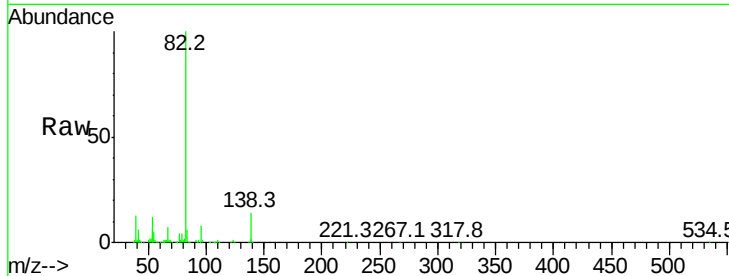
ClientSampled :

C-1MSD

Tot Ion:	82	Resp:	314879
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.2	9.2
138	13.7	12.1	18.1

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#26

2-Nitrophenol

Concen: 37.143 ng

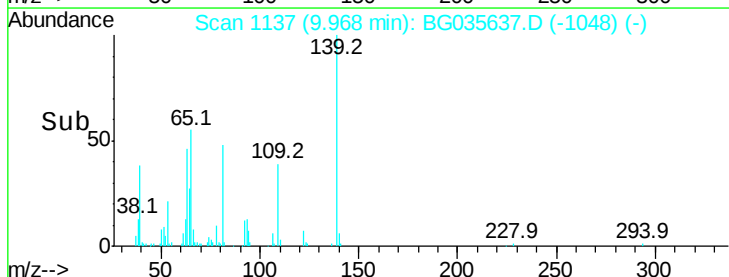
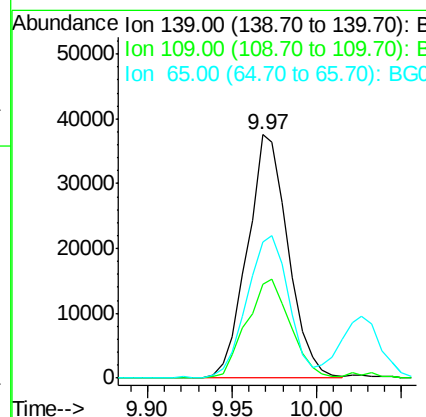
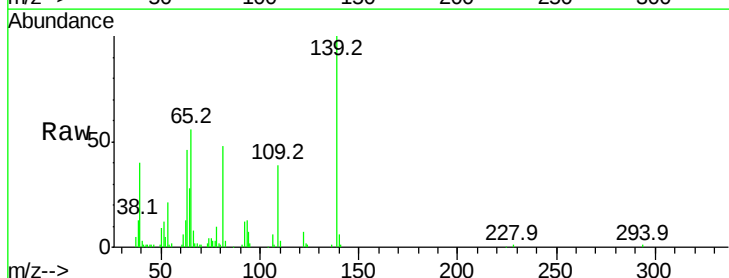
RT: 9.97 min Scan# 1137

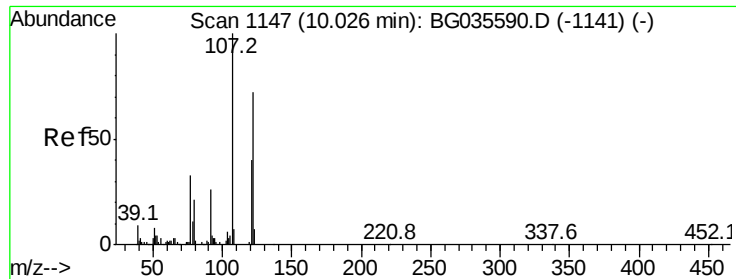
Delta R.T. -0.01 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion:	139	Resp:	62828
Ion Ratio	Lower	Upper	
139	100		
109	38.6	24.2	36.2#
65	55.9	47.4	71.0





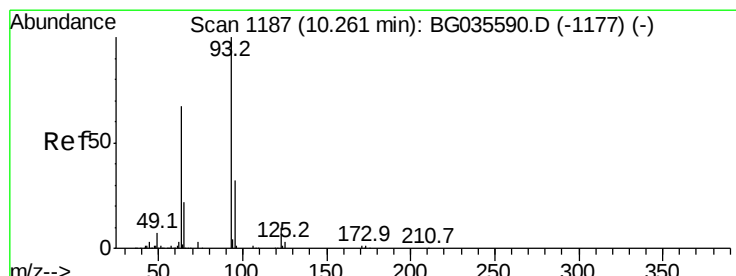
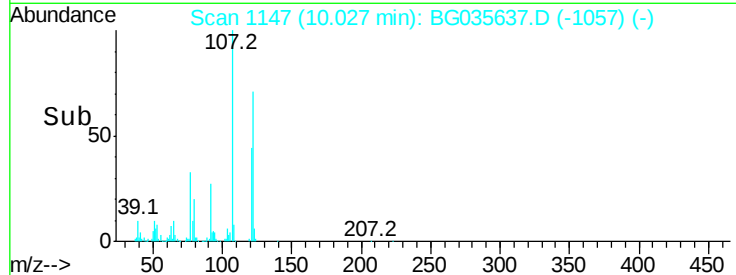
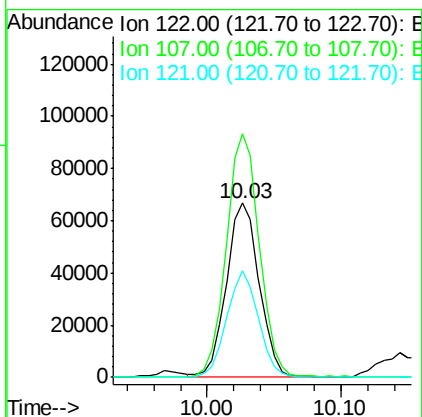
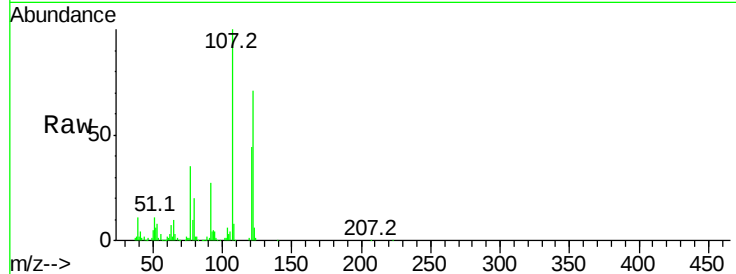
#27
2,4-Dimethylphenol
Concen: 40.138 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.9	100.2	150.2
121	61.6	44.4	66.6

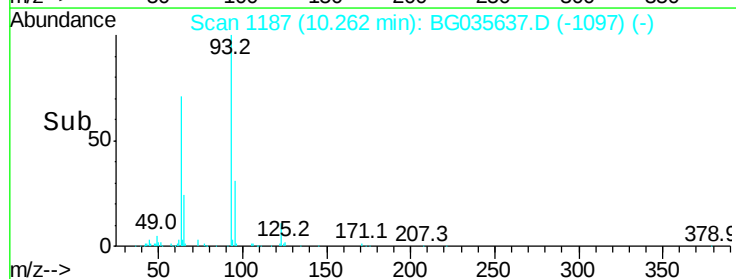
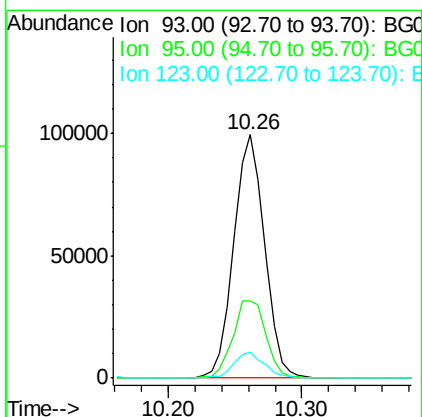
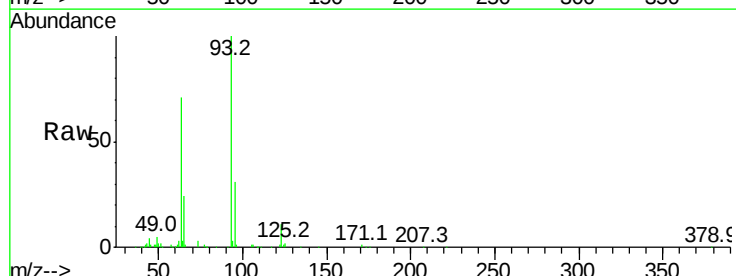
Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#28
bis(2-Chloroethoxy)methane
Concen: 32.845 ng
RT: 10.26 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.3	36.5
123	10.7	8.4	12.6





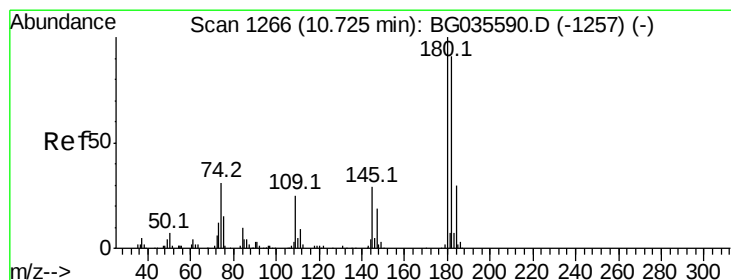
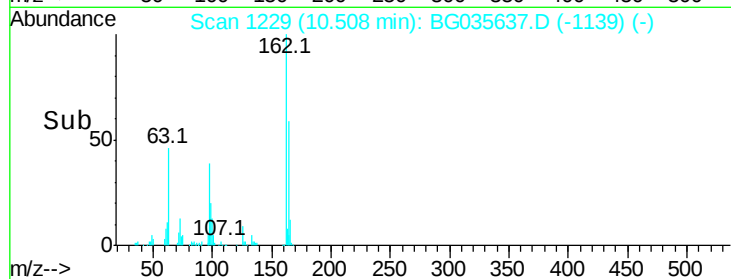
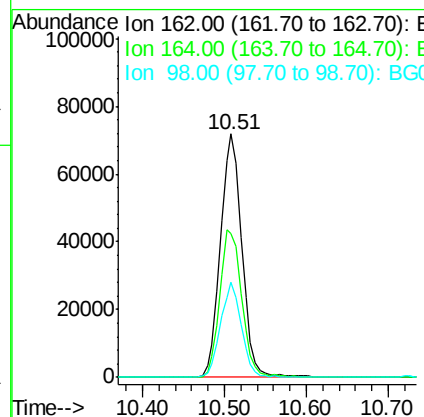
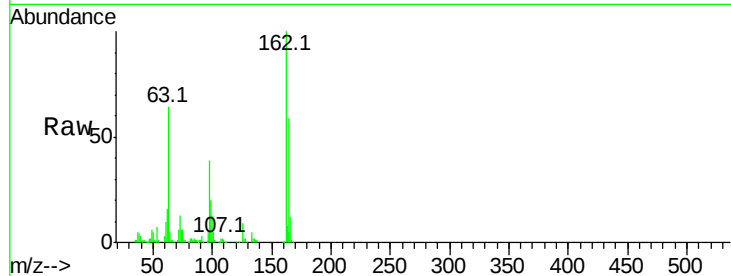
#29
2,4-Dichlorophenol
Concen: 40.173 ng
RT: 10.51 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	59.1	48.0	88.0
98	39.1	21.1	61.1

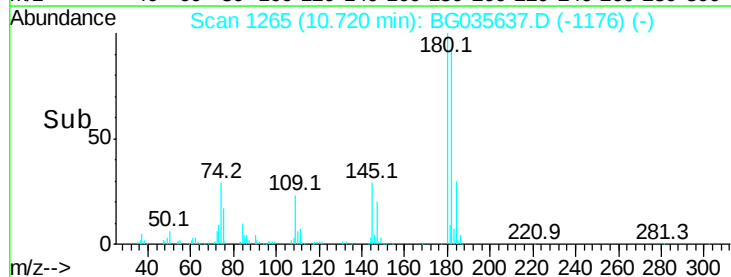
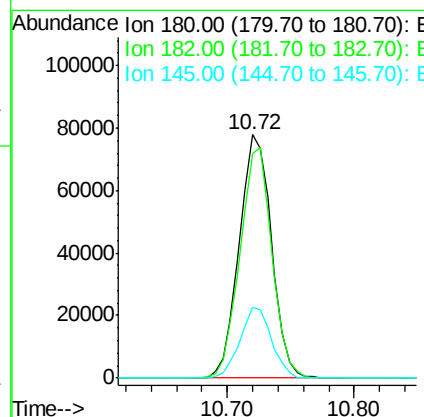
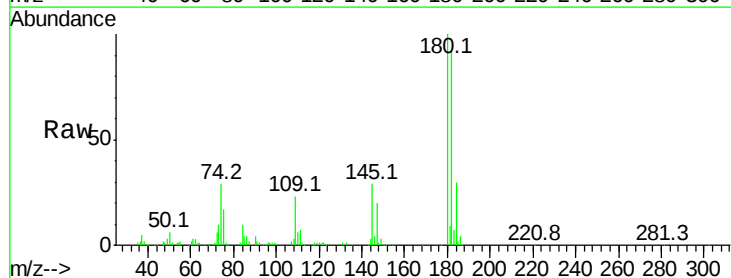
Manual Integrations
APPROVED

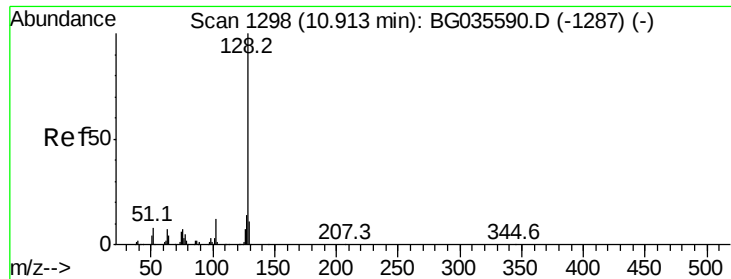
Sohil
7/16/2018 3:24:19 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.186 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.9	77.5	116.3
145	28.9	23.4	35.2





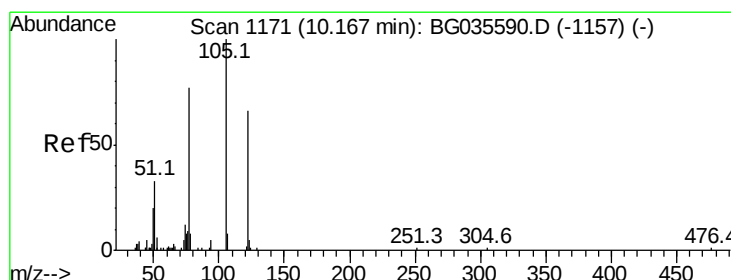
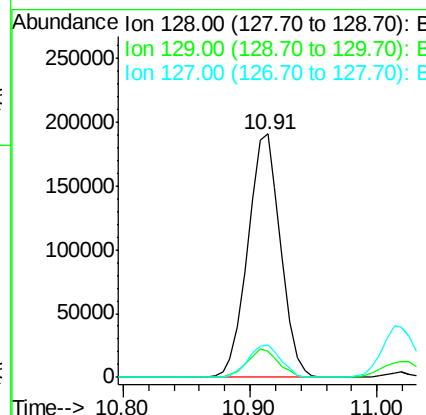
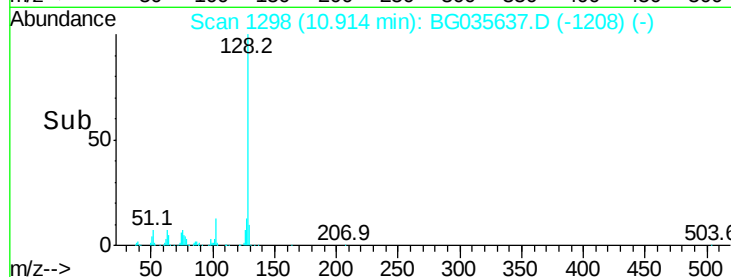
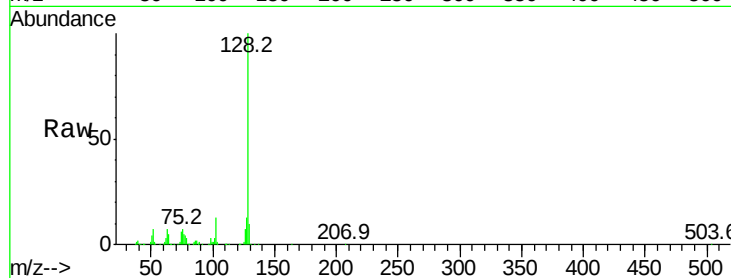
#31
Naphthalene
Concen: 33.087 ng
RT: 10.91 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.4	11.6	17.4

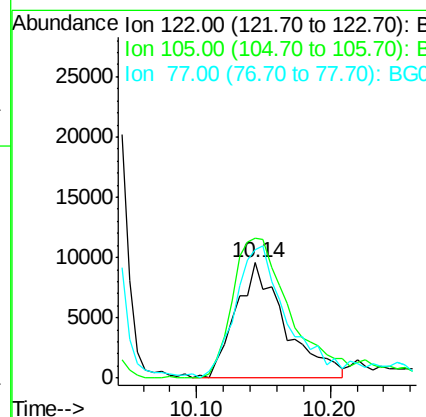
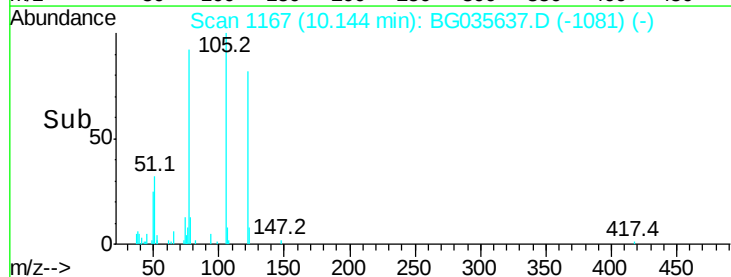
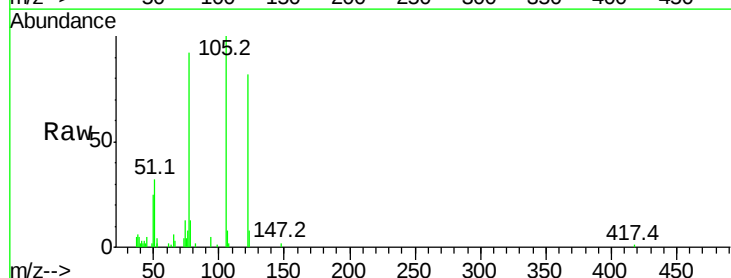
Manual Integrations
APPROVED

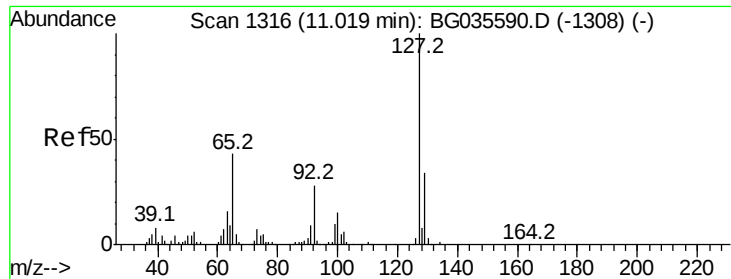
Sohil
7/16/2018 3:24:19 PM



#32
Benzoic acid
Concen: 12.836 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.6	123.5	163.5#
77	111.3	85.7	125.7





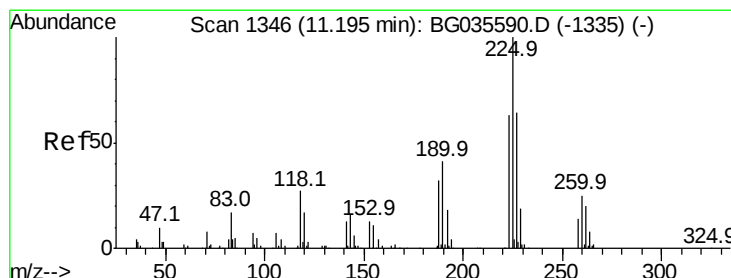
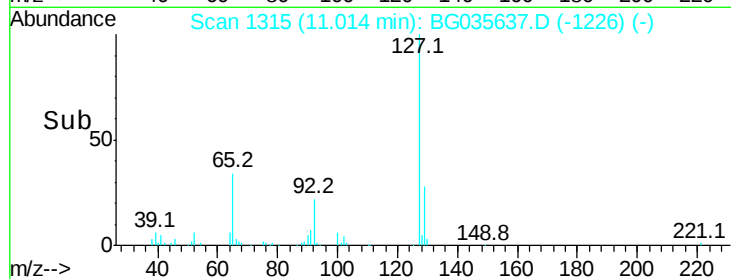
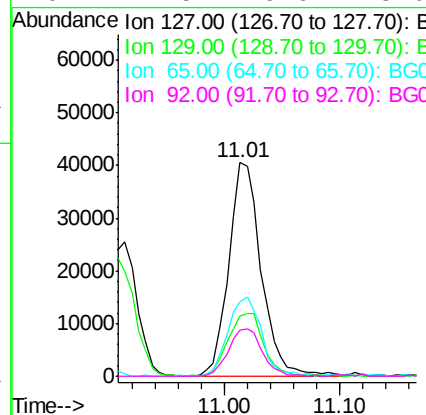
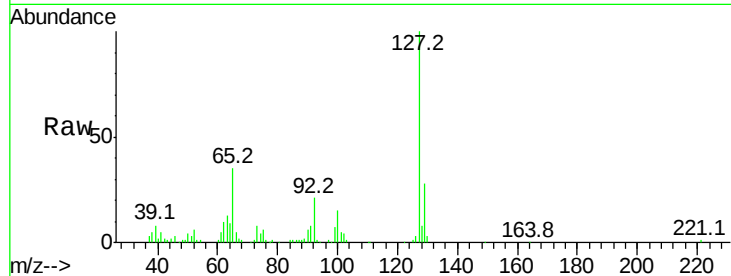
#33
4-Chloroaniline
Concen: 17.626 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.1	24.0	36.0		
65	34.8	27.0	40.4		
92	21.5	16.6	25.0		

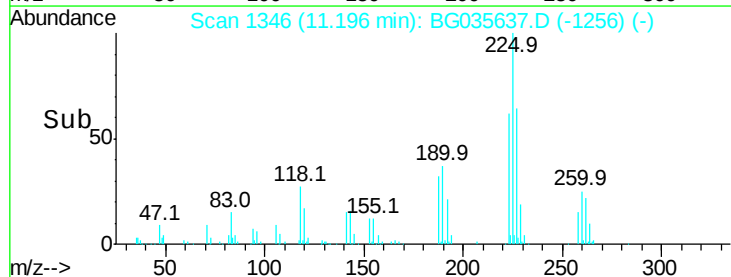
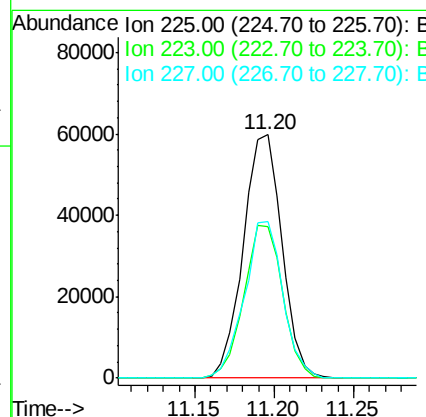
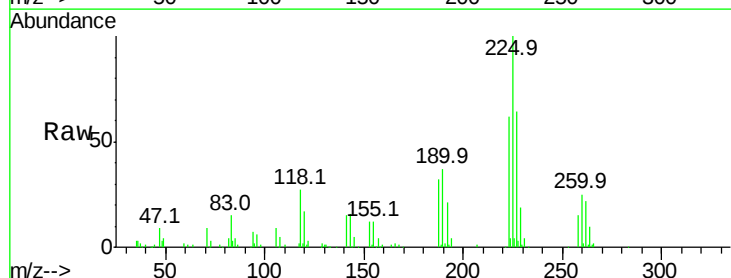
Manual Integrations
APPROVED

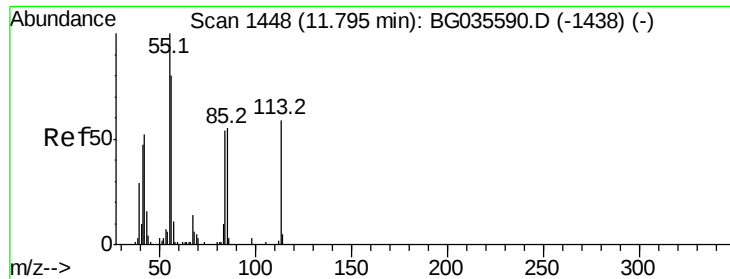
Sohil
7/16/2018 3:24:19 PM



#34
Hexachlorobutadiene
Concen: 32.377 ng
RT: 11.20 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	49.7	74.5		
227	64.5	48.1	72.1		





#35

Caprolactam

Concen: 30.462 ng/ml

RT: 11.78 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

ClientSampled :

C-1MSD

Tot Ion:113 Resp: 42727

Ion Ratio Lower Upper

113 100

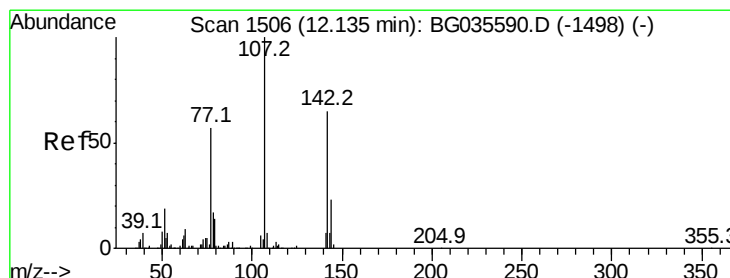
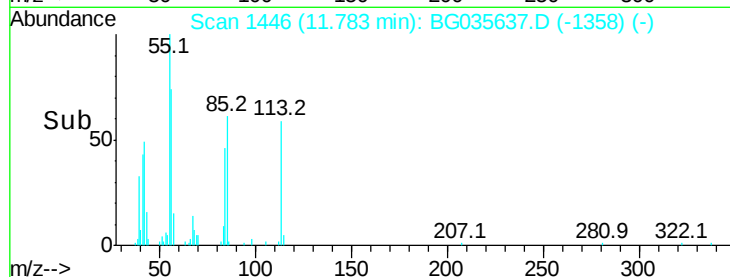
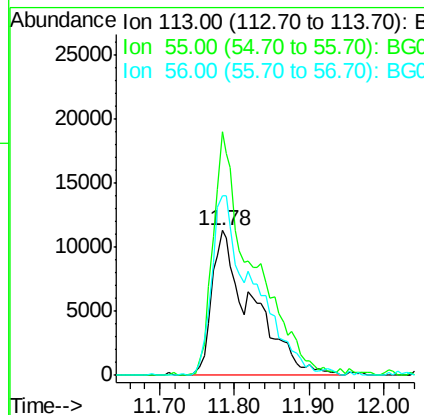
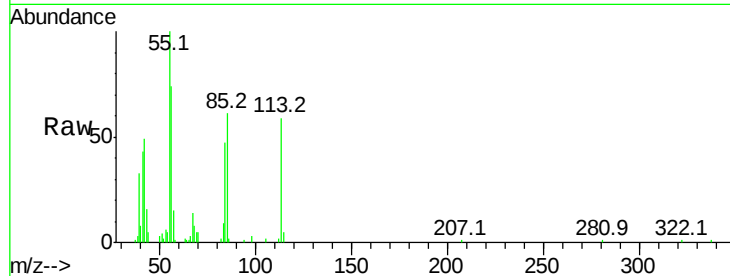
55 168.5 186.9 226.9#

56 124.0 130.9 170.9#

Manual Integrations
APPROVED

Sohil

7/16/2018 3:24:19 PM



#36

4-Chloro-3-methylphenol

Concen: 36.806 ng/ml

RT: 12.14 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

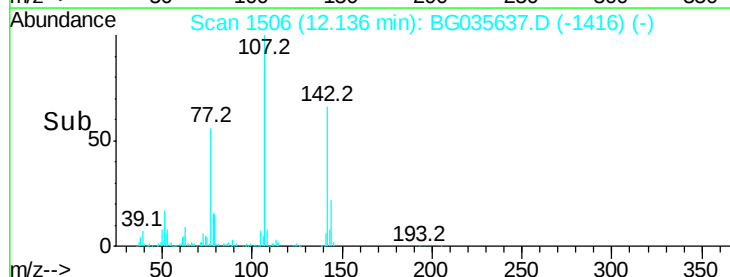
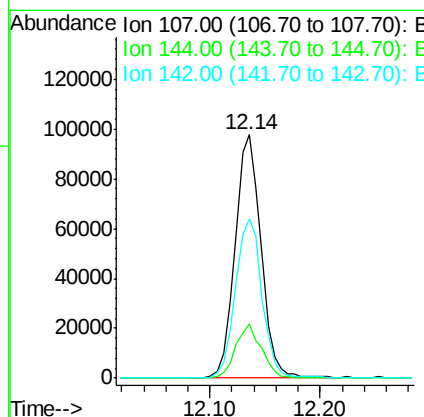
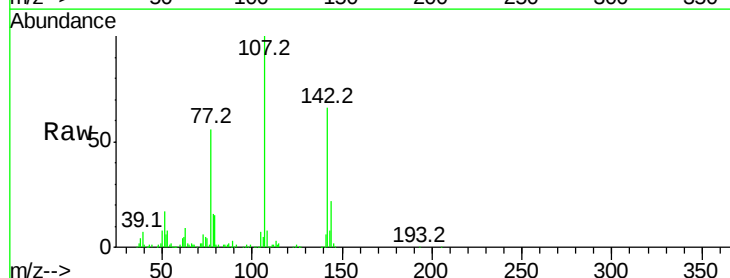
Tgt Ion:107 Resp: 161250

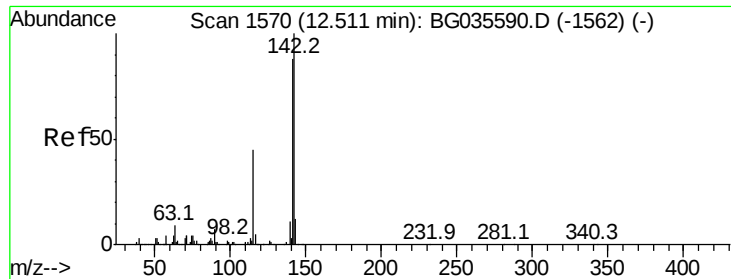
Ion Ratio Lower Upper

107 100

144 22.4 18.2 27.4

142 65.5 59.0 88.4





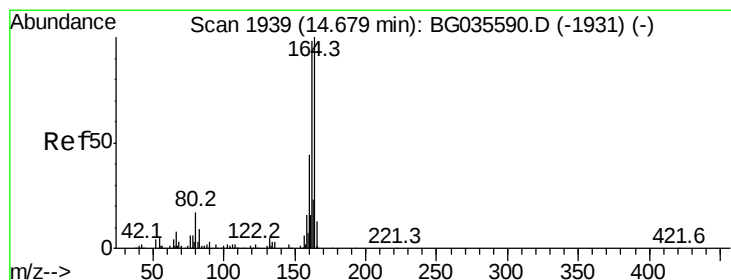
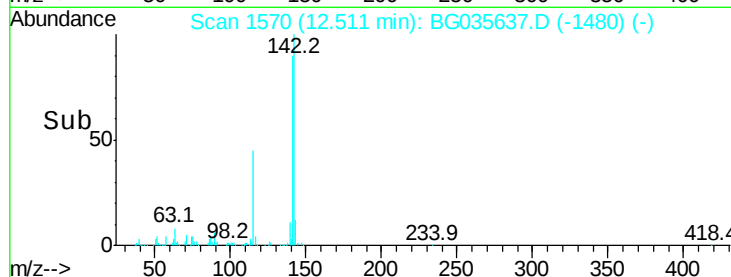
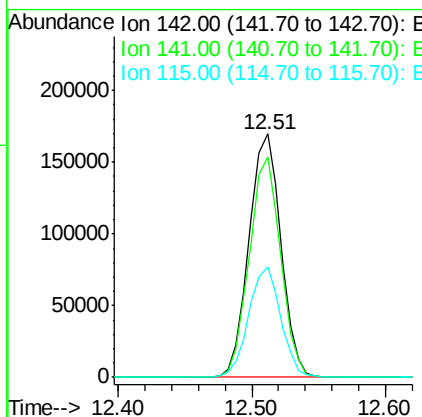
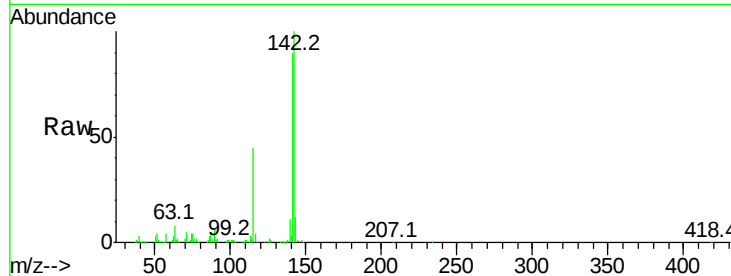
#37
 2-Methylnaphthalene
 Concen: 36.404 ng
 RT: 12.51 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	279506		
141	90.4	67.1	100.7	
115	45.2	30.7	46.1	

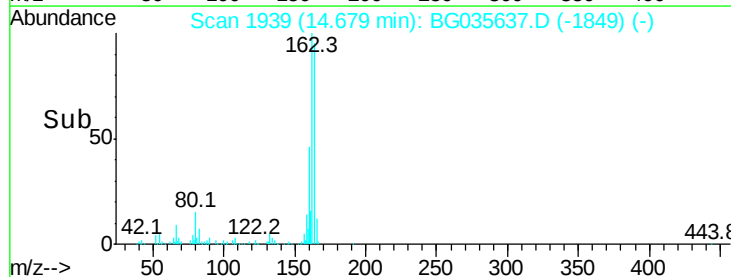
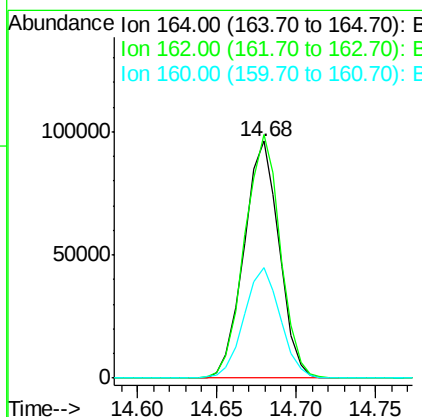
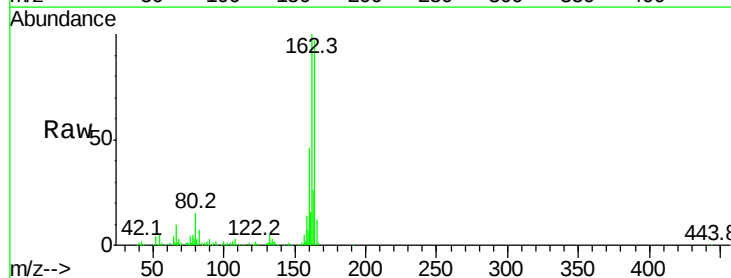
Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:24:19 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	148311		
162	102.8	78.8	118.2	
160	46.9	35.4	53.0	





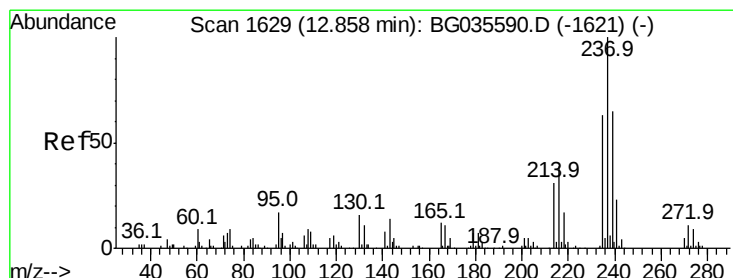
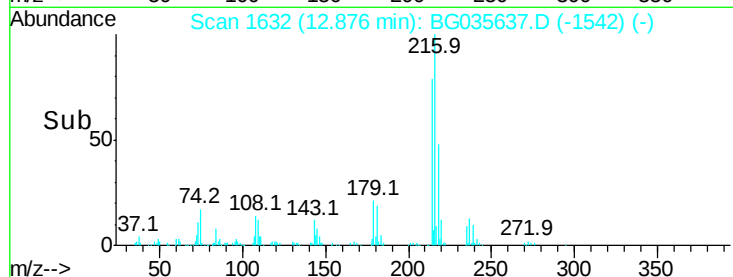
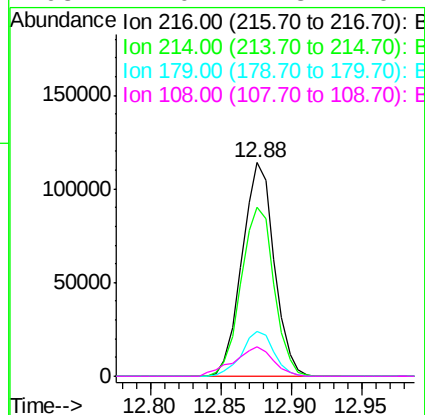
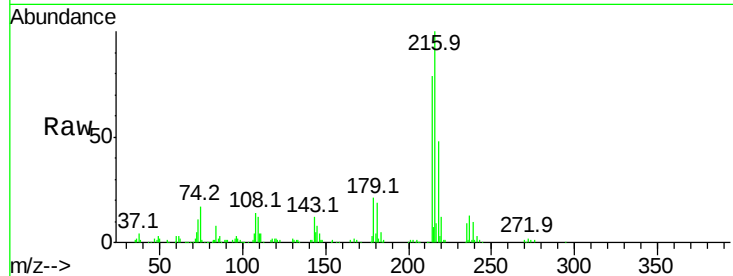
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.502 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	181939		
214	81.0	63.0	94.4	
179	20.7	17.0	25.6	
108	17.0	12.8	19.2	

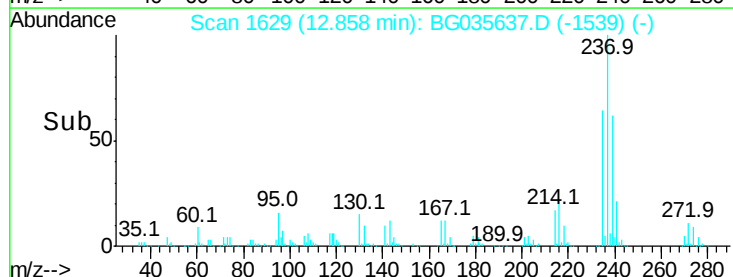
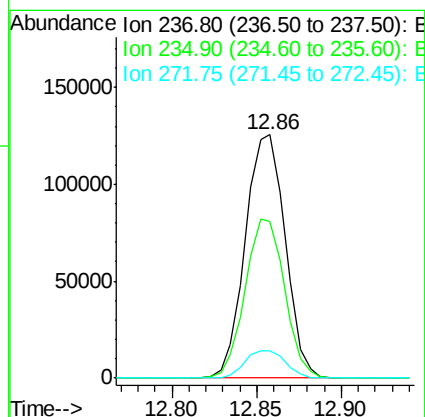
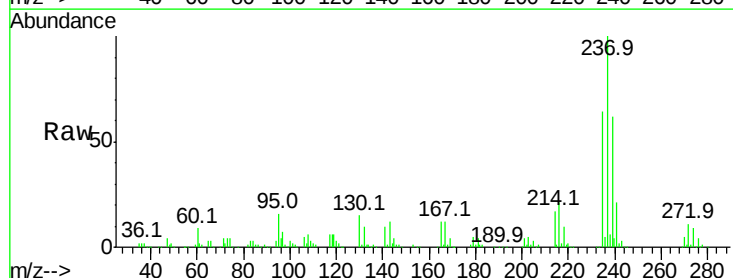
Manual Integrations
 APPROVED

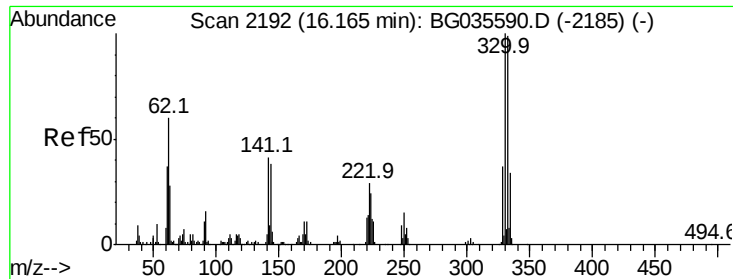
Sohil
 7/16/2018 3:24:19 PM



#40
 Hexachlorocyclopentadiene
 Concen: 70.097 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	205785		
235	64.1	50.4	90.4	
272	11.4	0.0	31.8	





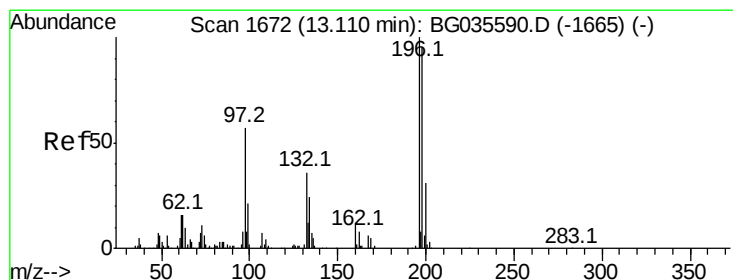
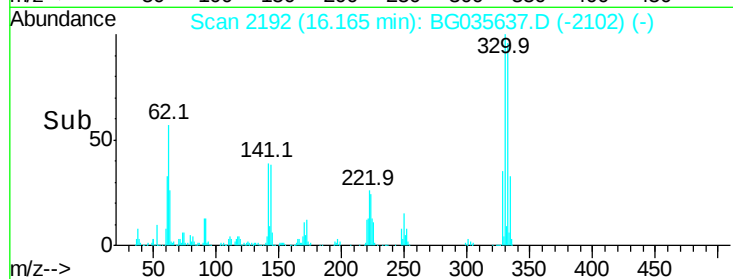
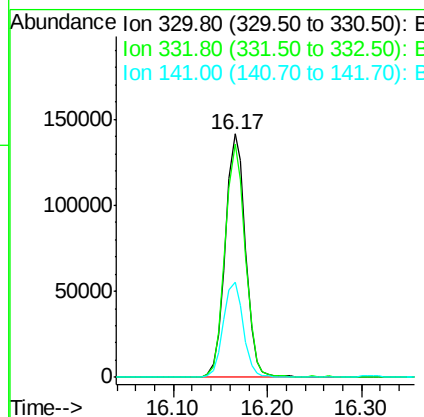
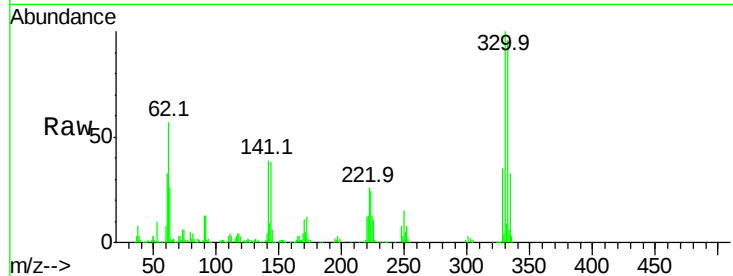
#41
 2,4,6-Tribromophenol
 Concen: 108.600 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	212296		
332	96.5	77.0	115.6	
141	38.9	25.2	37.8	

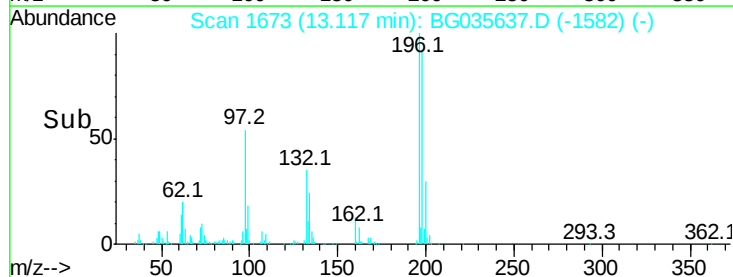
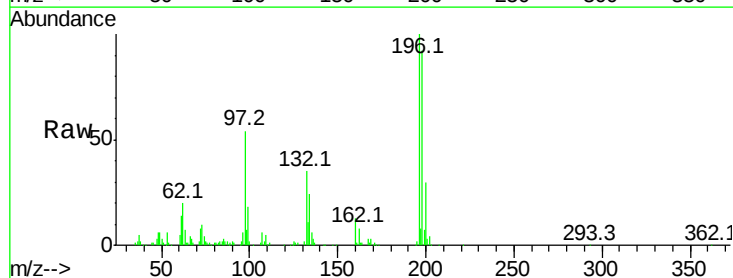
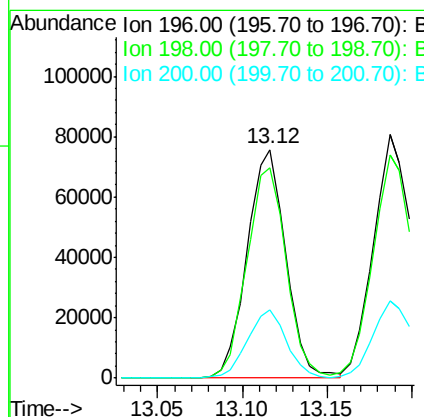
Manual Integrations
 APPROVED

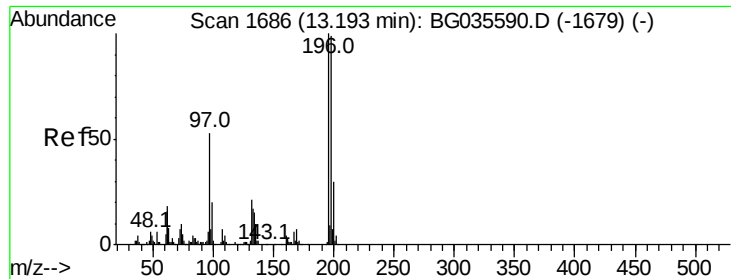
Sohil
 7/16/2018 3:24:19 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.816 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. 0.01 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	120520		
198	92.0	78.2	117.2	
200	30.0	24.6	36.8	





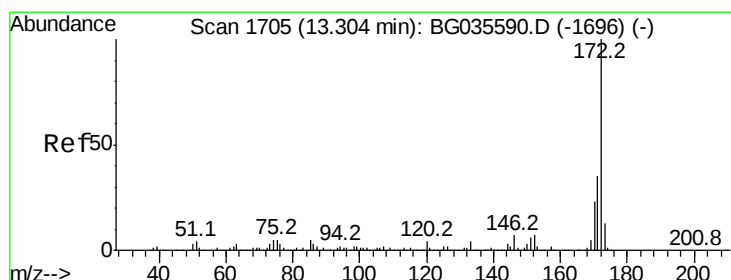
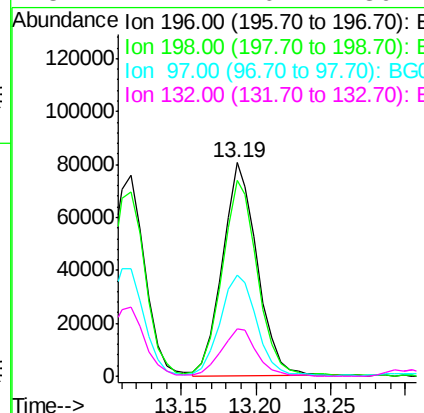
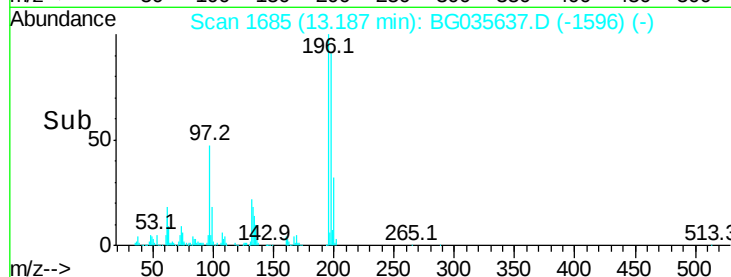
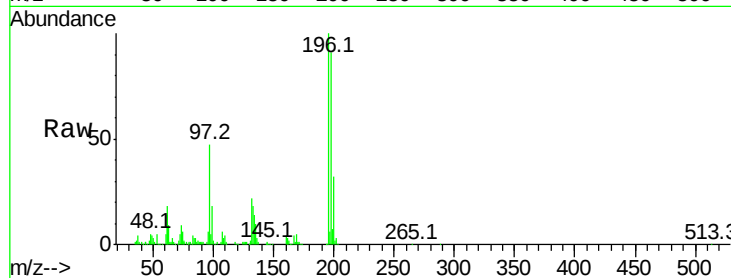
#43
 2,4,5-Trichlorophenol
 Concen: 35.791 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	196	Resp	131074
Ion Ratio	100	Lower	Upper
196	100		
198	91.5	76.2	114.4
97	47.5	38.7	58.1
132	22.2	20.2	30.2

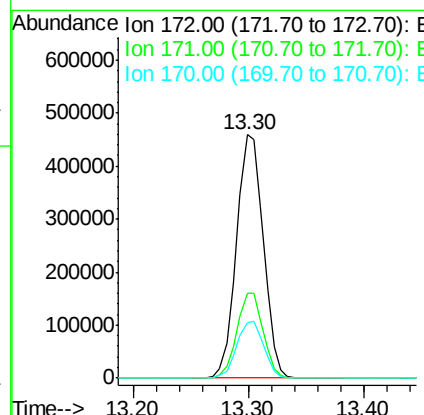
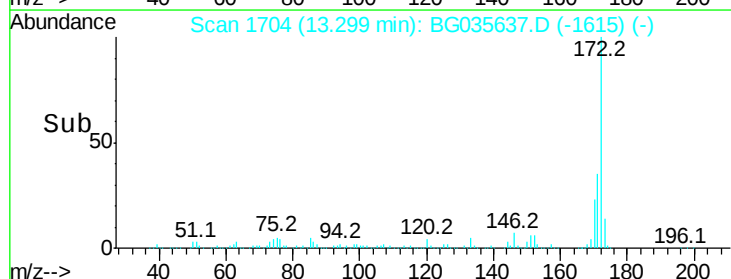
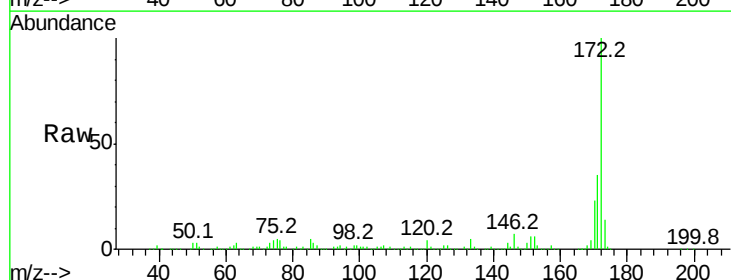
Manual Integrations
 APPROVED

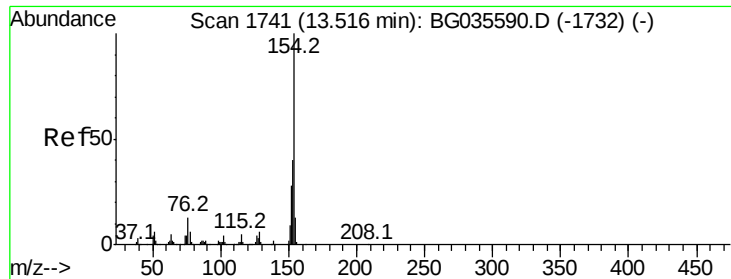
Sohil
 7/16/2018 3:24:19 PM



#44
 2-Fluorobiphenyl
 Concen: 66.517 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Tgt Ion	172	Resp	736353
Ion Ratio	100	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	22.6	19.5	29.3





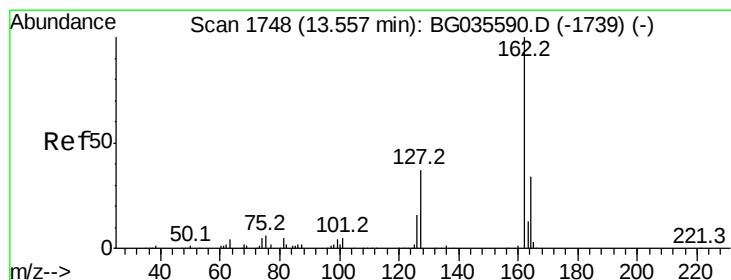
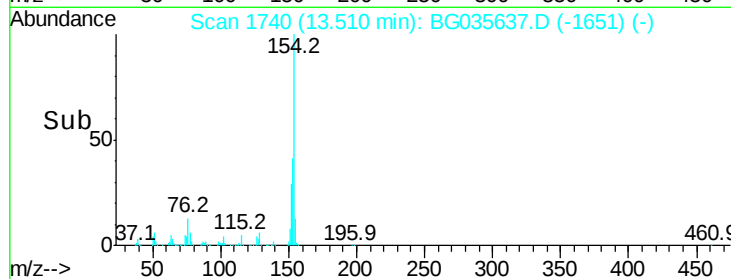
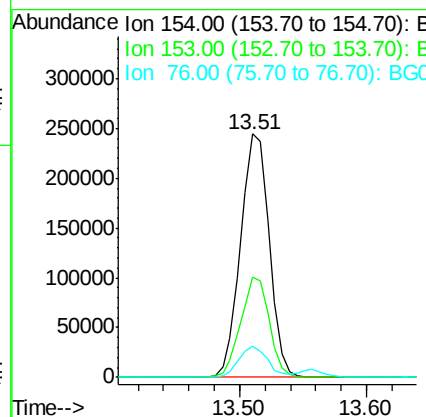
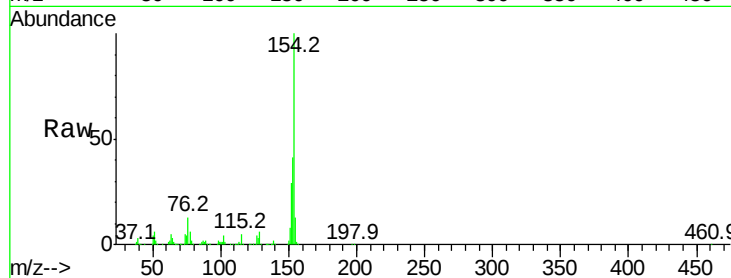
#45
 1,1'-Biphenyl
 Concen: 33.171 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.1	19.8	59.8
76	12.8	0.0	31.9

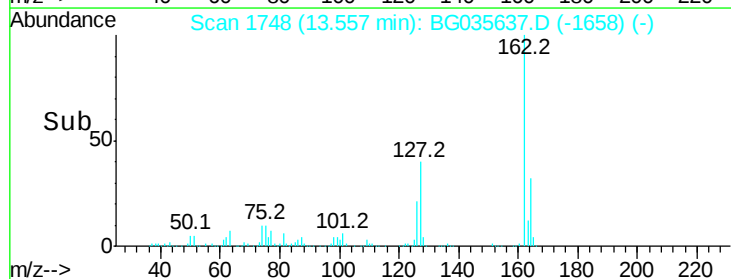
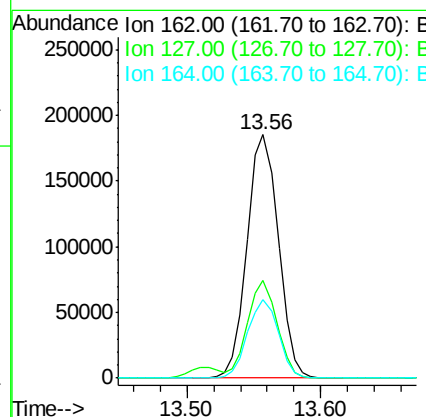
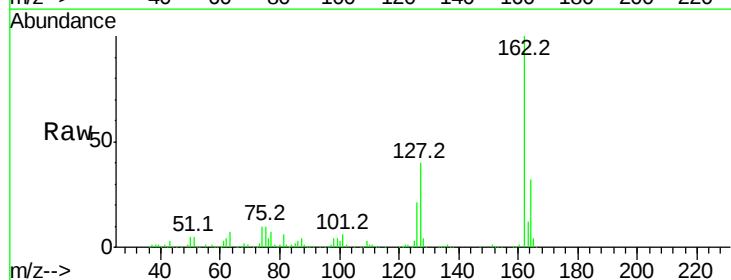
Manual Integrations
 APPROVED

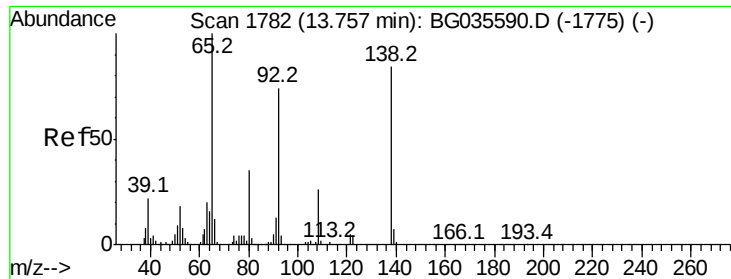
Sohil
 7/16/2018 3:24:19 PM



#46
 2-Chloronaphthalene
 Concen: 33.447 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	39.9	30.7	46.1
164	32.3	26.0	39.0





#47

2-Nitroaniline

Concen: 34.714 ng

RT: 13.76 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

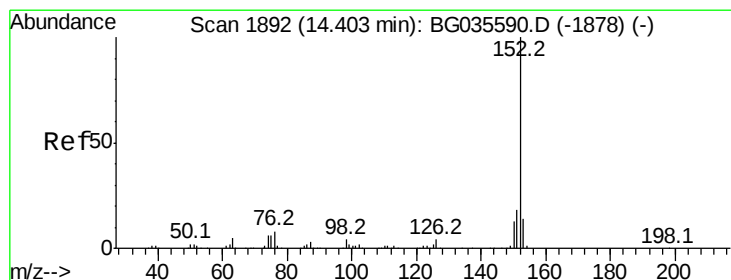
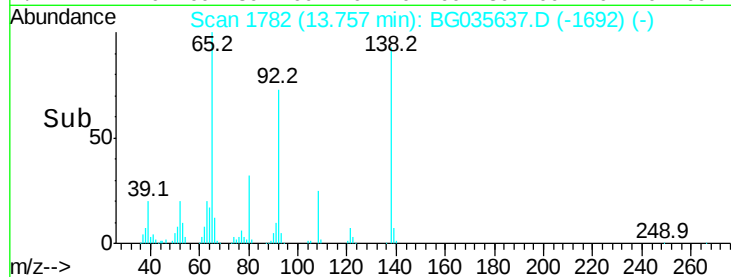
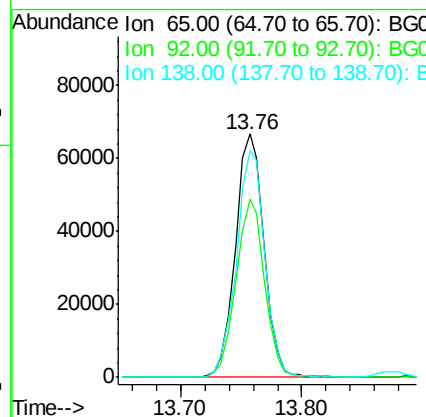
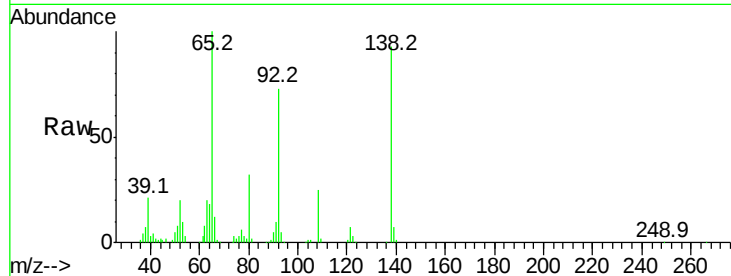
ClientSampleId :

C-1MSD

Tot Ion:	65	Resp:	109764
Ion Ratio	Lower	Upper	
65	100		
92	73.3	54.6	82.0
138	93.3	72.9	109.3

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#48

Acenaphthylene

Concen: 33.391 ng

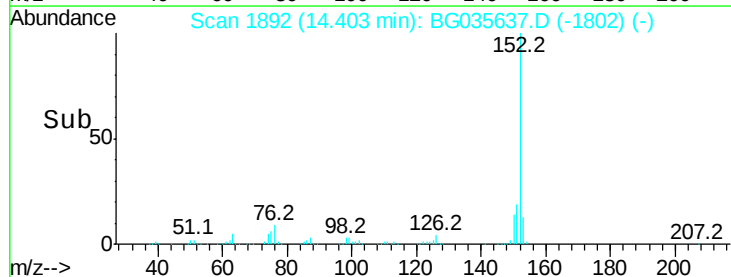
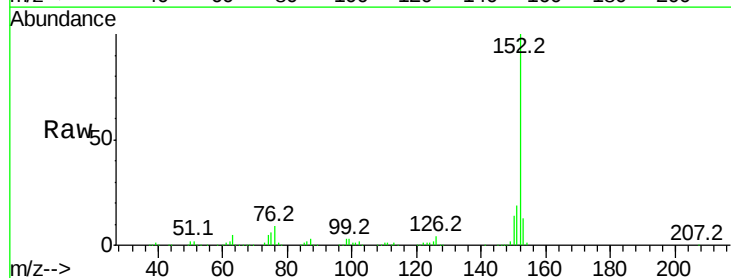
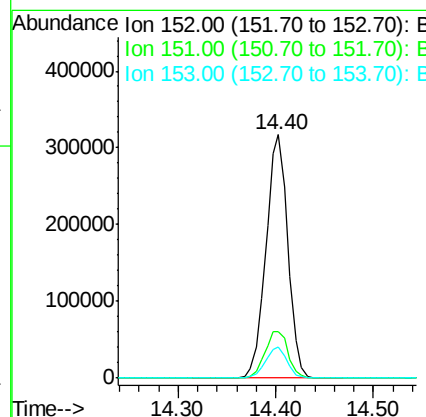
RT: 14.40 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion:	152	Resp:	500276
Ion Ratio	Lower	Upper	
152	100		
151	19.3	17.2	25.8
153	12.8	10.2	15.4





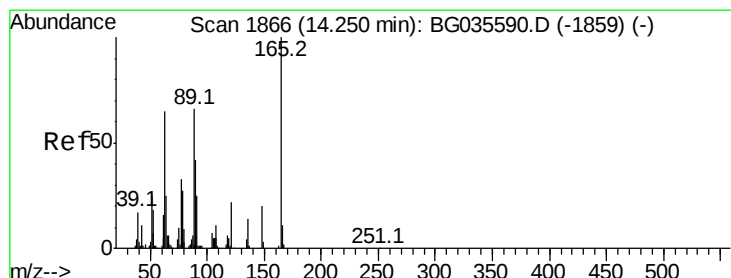
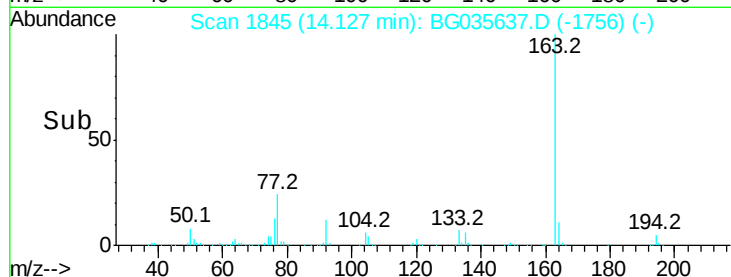
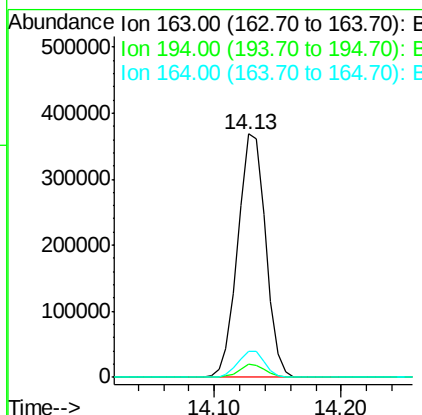
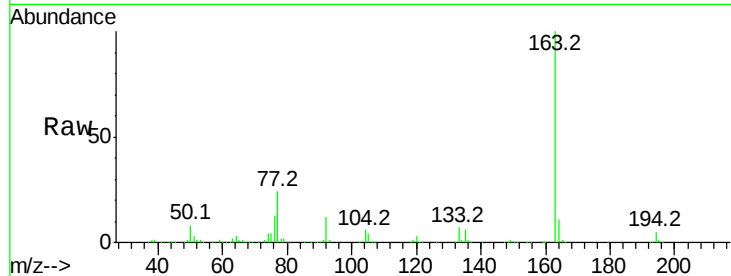
#49
Dimethylphthalate
Concen: 42.934 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	557895		
194	5.3	3.4	5.2#	
164	10.8	8.2	12.4	

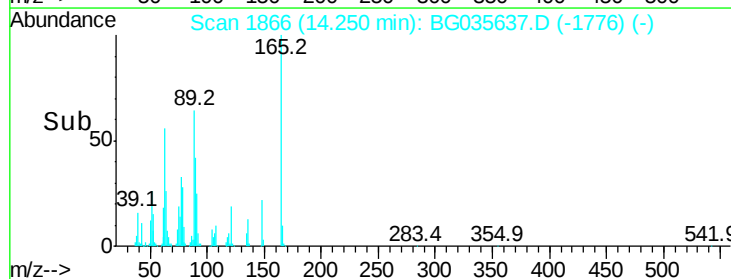
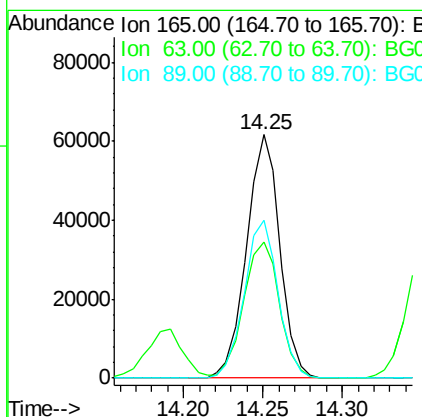
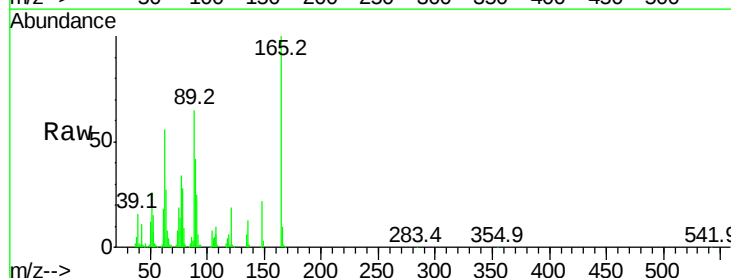
Manual Integrations
APPROVED

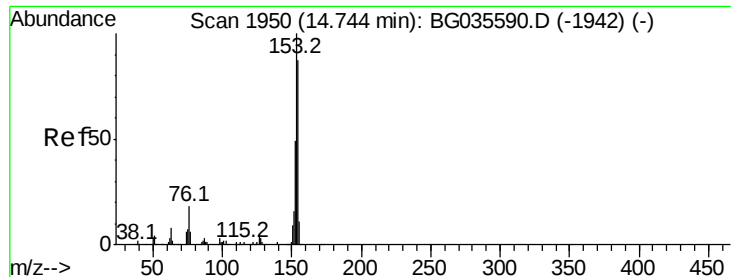
Sohil
7/16/2018 3:24:19 PM



#50
2,6-Dinitrotoluene
Concen: 33.955 ng
RT: 14.25 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	89848		
63	56.1	52.7	79.1	
89	64.7	49.2	73.8	





#51

Acenaphthene

Concen: 31.400 ng

RT: 14.74 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

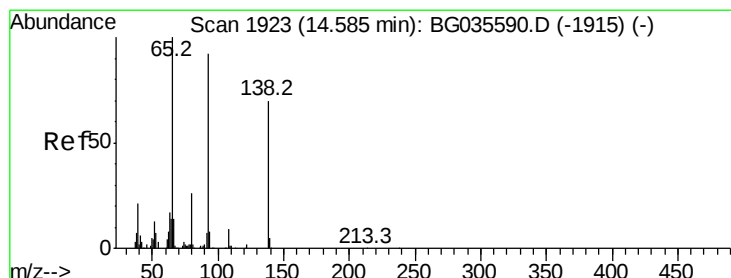
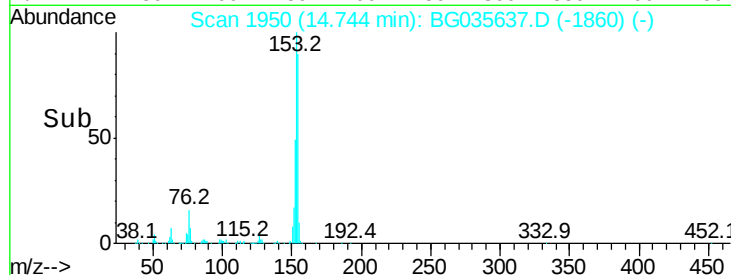
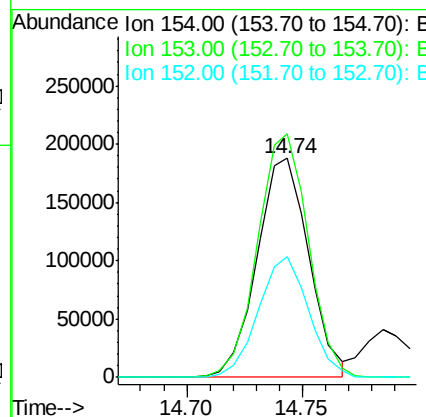
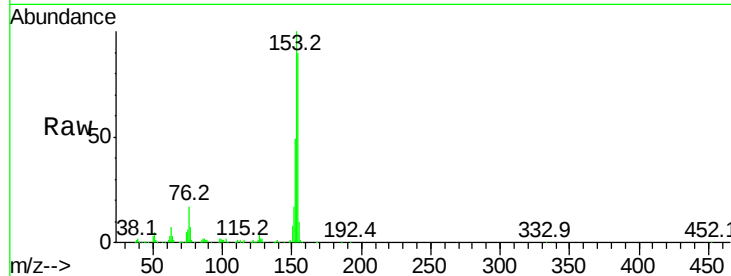
ClientSampled :

C-1MSD

Tot Ion:	154	Resp:	293059
Ion Ratio	Lower	Upper	
154	100		
153	111.1	90.4	135.6
152	54.9	41.6	62.4

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#52

3-Nitroaniline

Concen: 25.180 ng

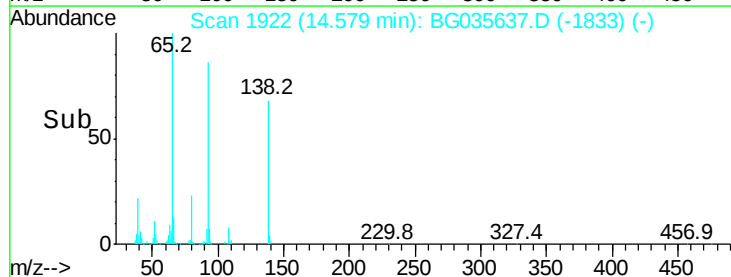
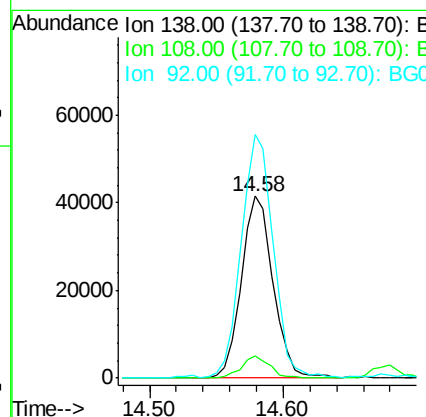
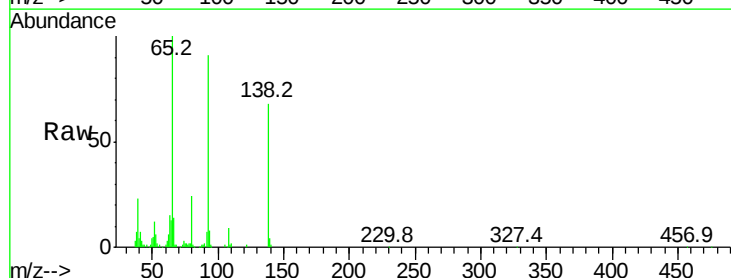
RT: 14.58 min Scan# 1922

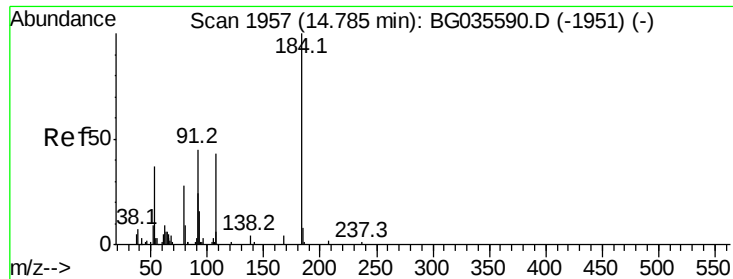
Delta R.T. -0.01 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion:	138	Resp:	68101
Ion Ratio	Lower	Upper	
138	100		
108	12.5	17.5	26.3#
92	133.7	105.8	158.8





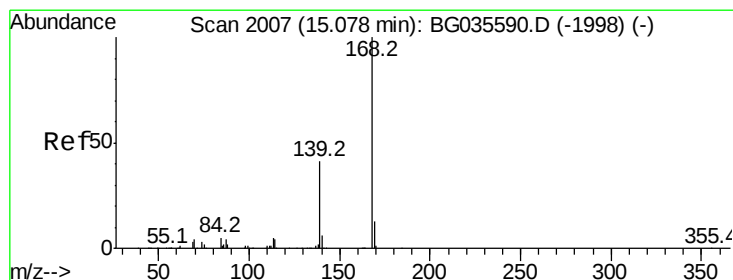
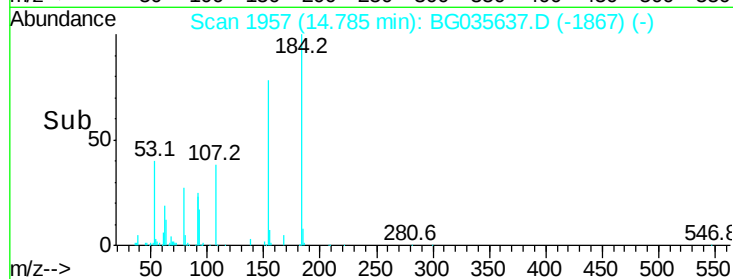
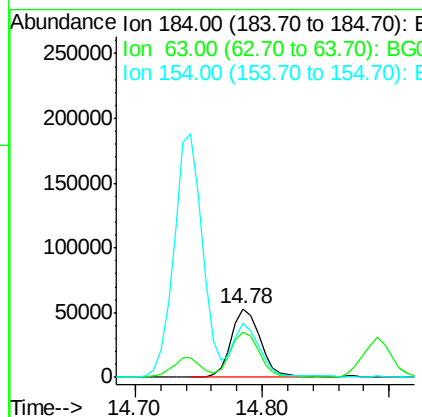
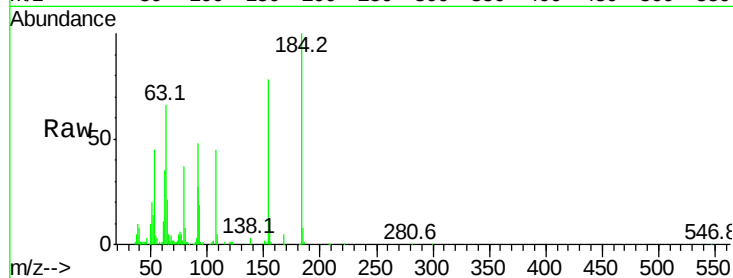
#53
2,4-Dinitrophenol
Concen: 64.001 ng
RT: 14.78 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.5	59.8	89.8
154	78.5	101.8	152.8#

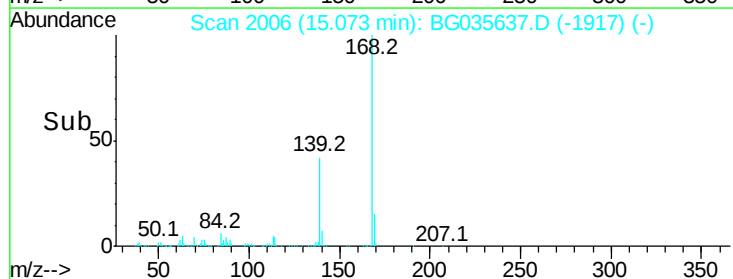
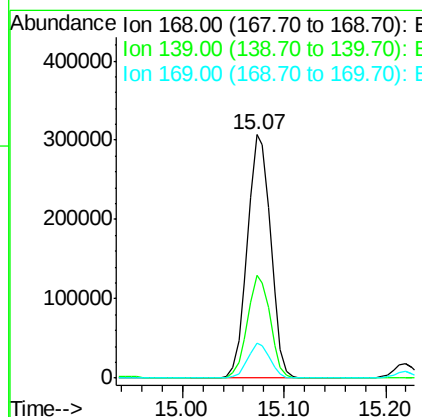
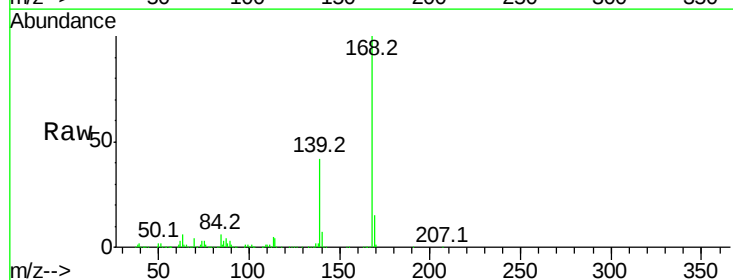
Manual Integrations
APPROVED

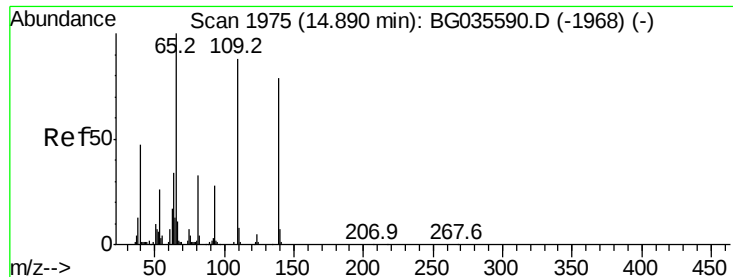
Sohil
7/16/2018 3:24:19 PM



#54
Dibenzofuran
Concen: 32.817 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.1	28.6	43.0
169	14.5	11.2	16.8





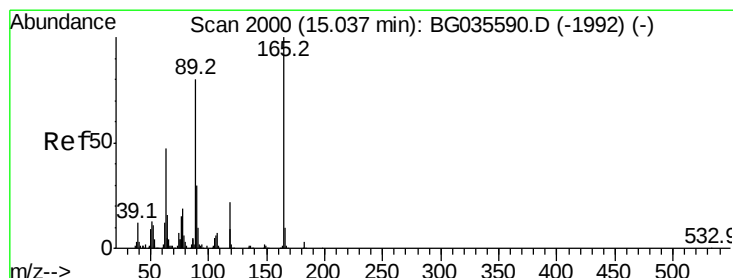
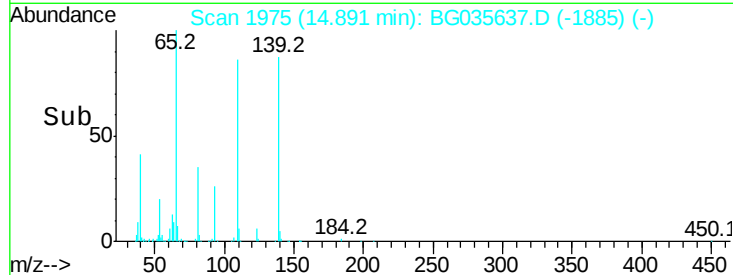
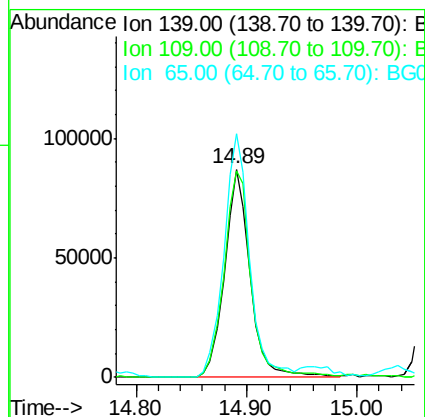
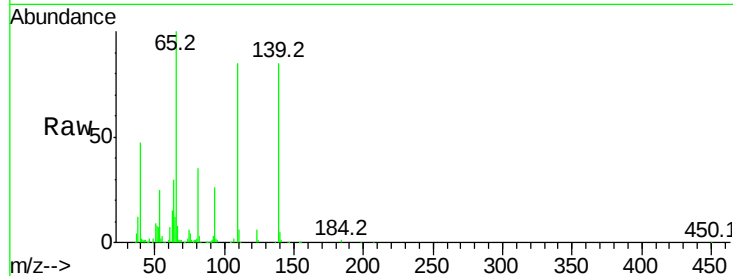
#55
4-Nitrophenol
Concen: 72.868 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampled :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	99.1	62.2	102.2	
65	117.0	97.2	137.2	

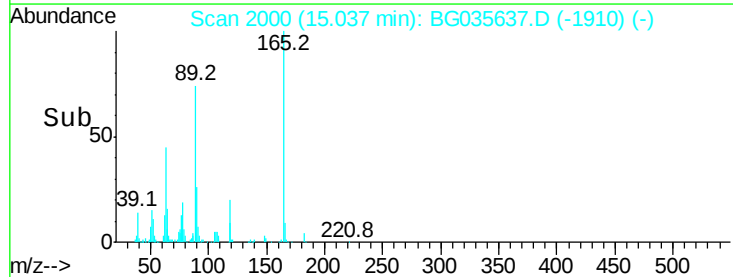
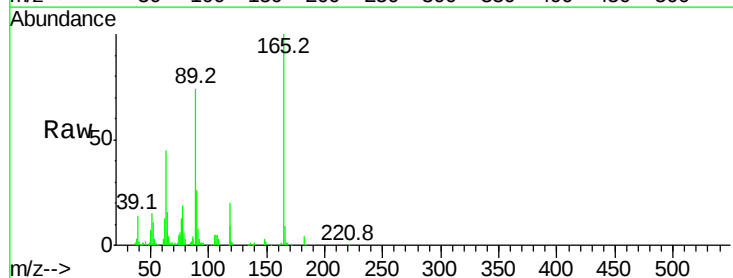
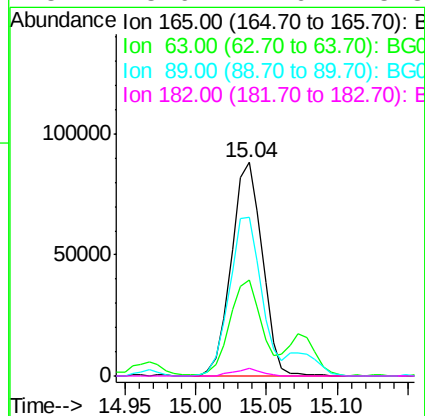
Manual Integrations
APPROVED

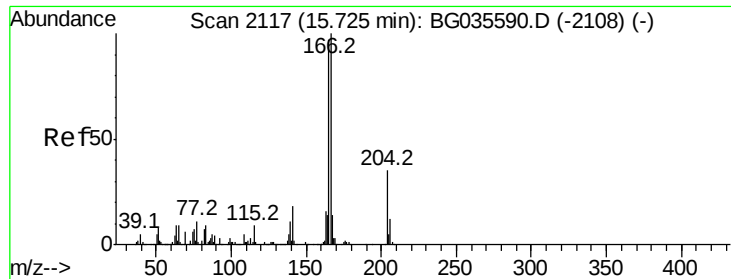
Sohil
7/16/2018 3:24:19 PM



#56
2,4-Dinitrotoluene
Concen: 35.667 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.2	42.0	63.0	
89	74.3	66.9	100.3	
182	3.6	2.6	3.8	





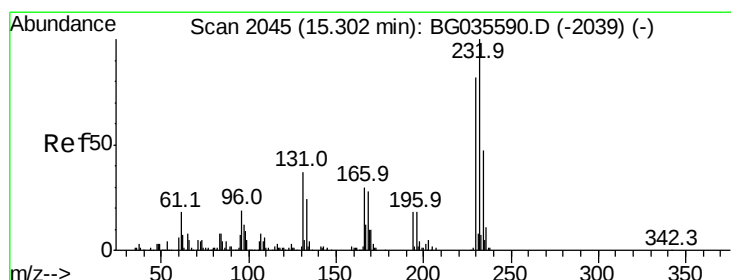
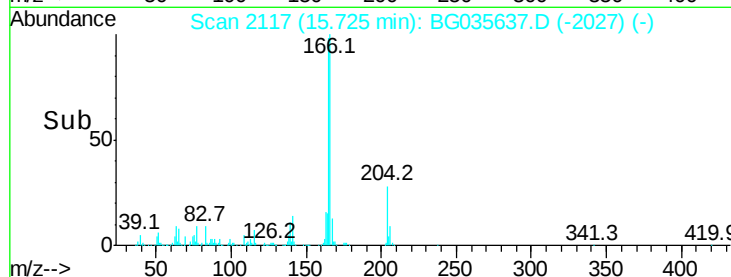
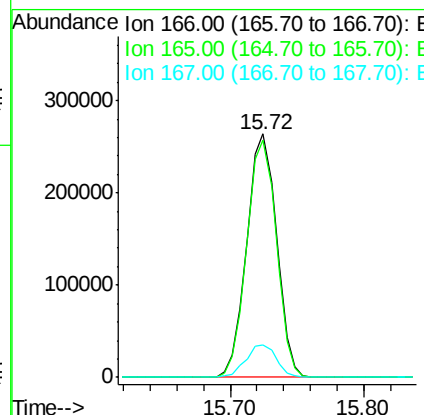
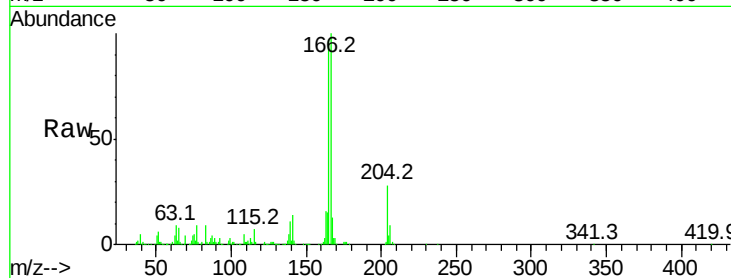
#57
Fluorene
 Concen: 32.602 ng
 RT: 15.72 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.3	80.6	121.0	
167	13.5	10.4	15.6	

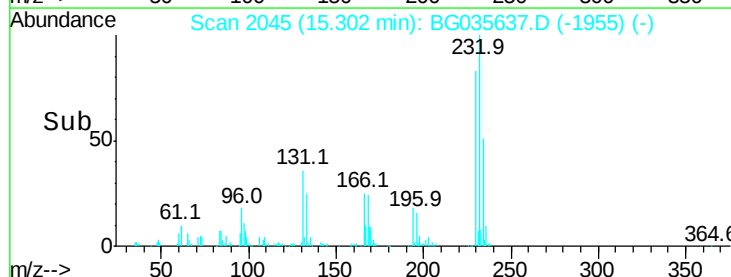
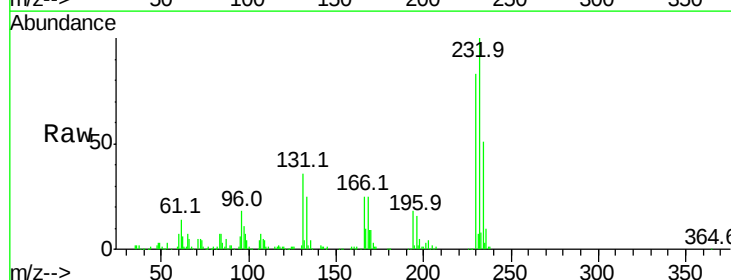
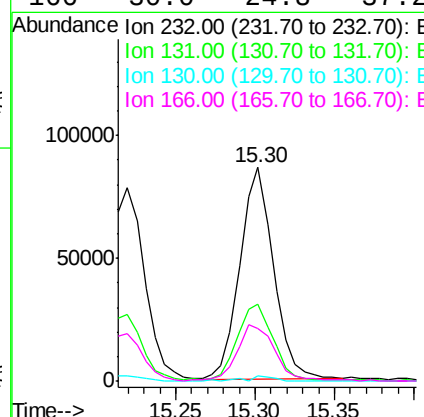
Manual Integrations
APPROVED

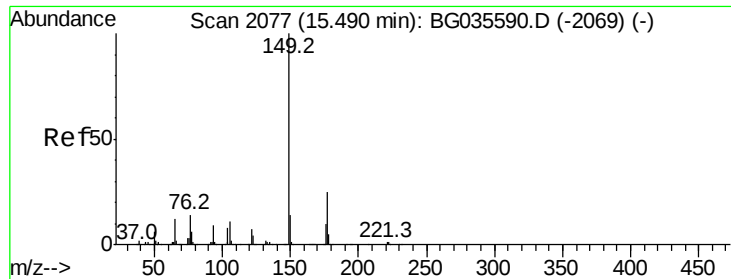
Sohil
 7/16/2018 3:24:19 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.393 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	37.7	33.5	50.3	
130	1.8	2.2	3.2#	
166	30.0	24.8	37.2	





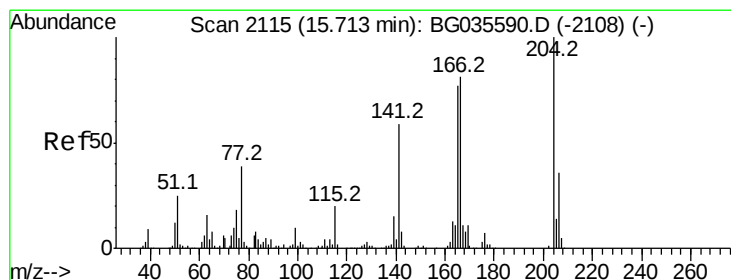
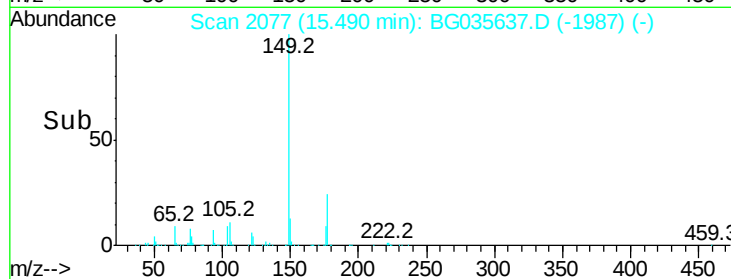
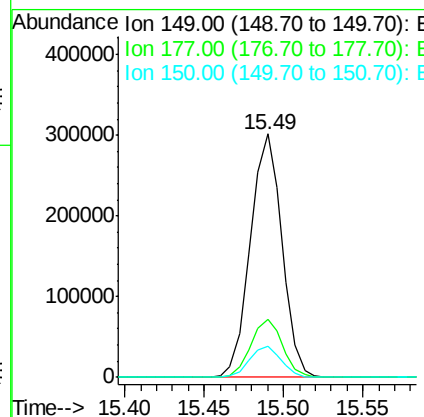
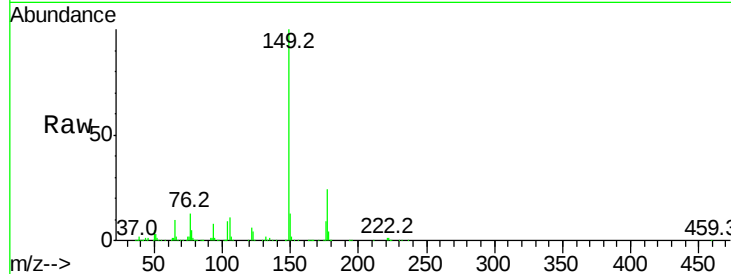
#59
Diethylphthalate
Concen: 31.267 ng
RT: 15.49 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.9	18.5	27.7	
150	12.9	10.2	15.2	

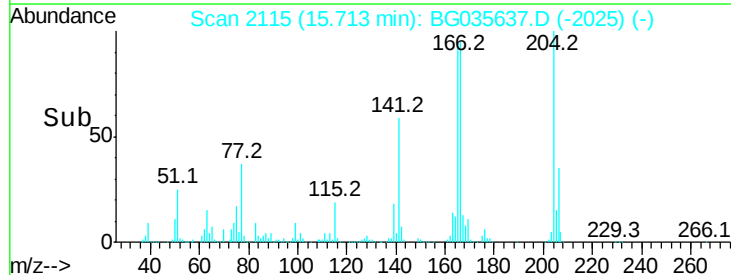
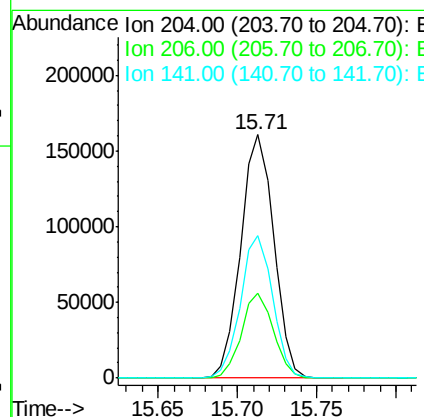
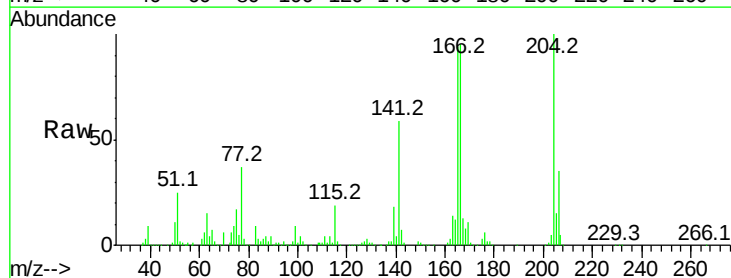
Manual Integrations
APPROVED

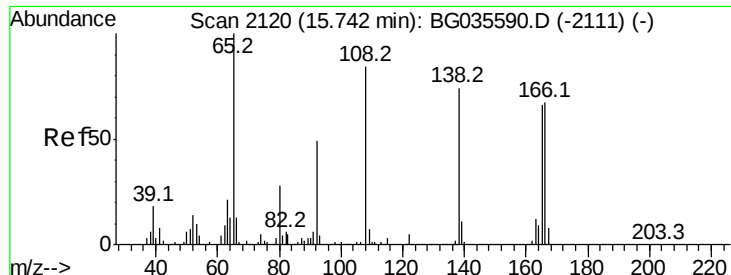
Sohil
7/16/2018 3:24:19 PM



#60
4-Chlorophenyl-phenylether
Concen: 31.858 ng
RT: 15.71 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.1	26.2	39.2	
141	58.5	45.8	68.6	





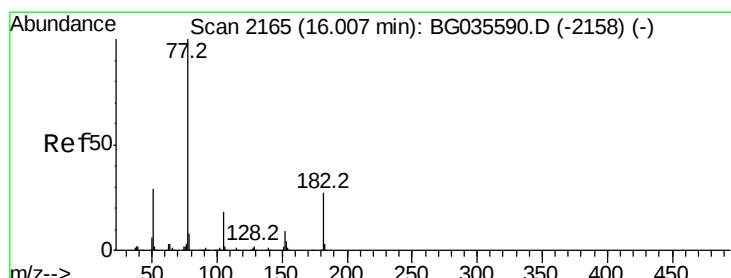
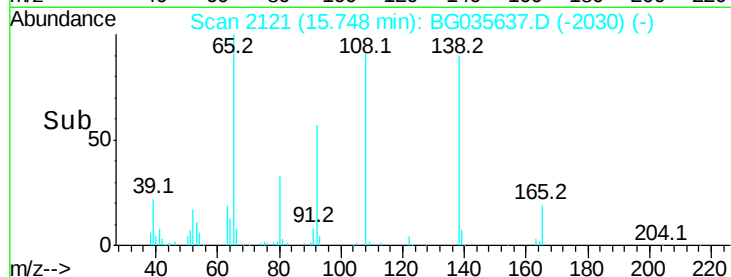
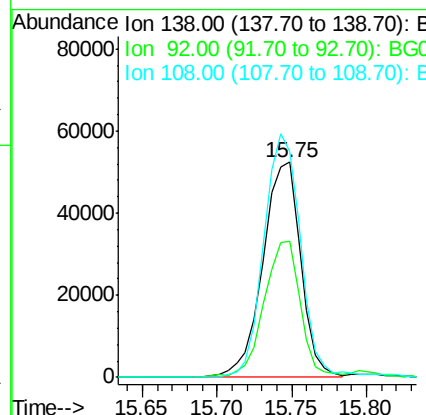
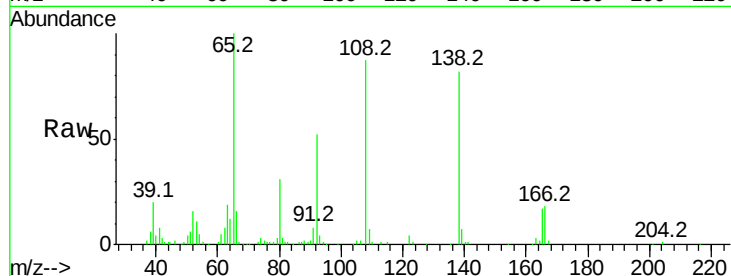
#61
4-Nitroaniline
Concen: 32.667 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.5	40.1	80.1
108	105.1	65.4	105.4

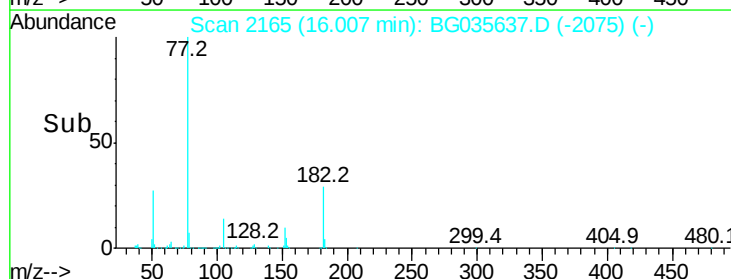
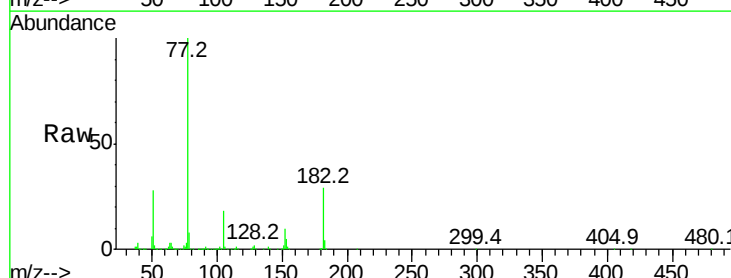
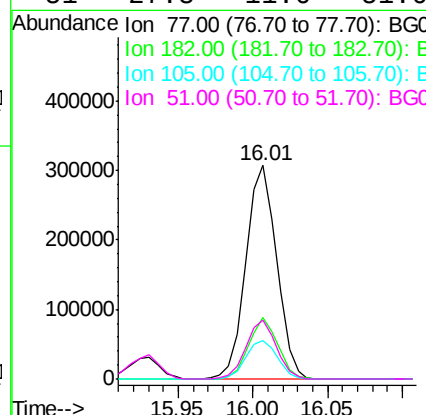
Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#62
Azobenzene
Concen: 33.214 ng
RT: 16.01 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.6	7.4	47.4
105	18.0	0.3	40.3
51	27.8	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

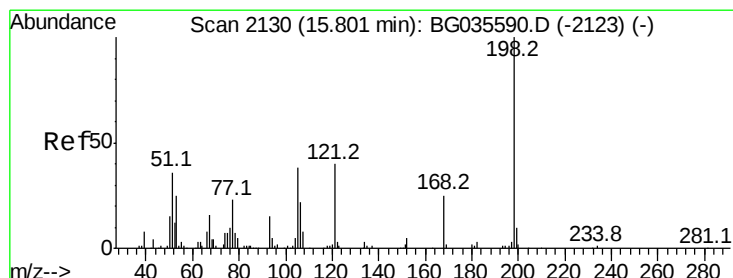
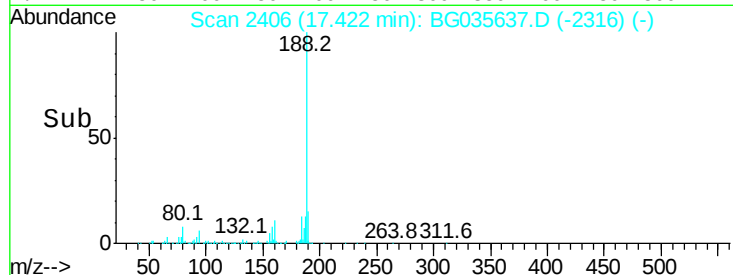
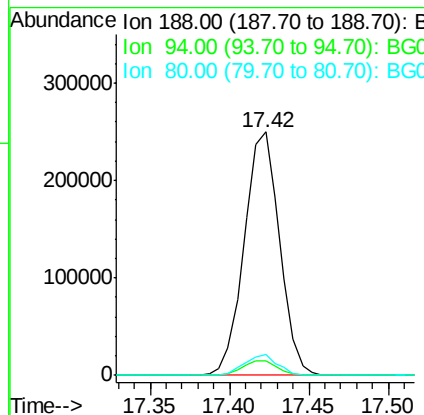
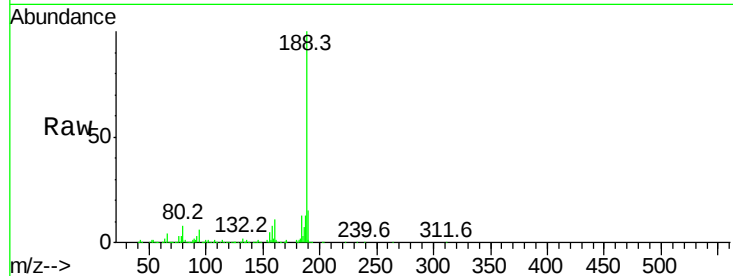
ClientSampleId :

C-1MSD

Tot Ion:	188	Resp:	385760
Ion Ratio	Lower	Upper	
188	100		
94	6.0	6.9	10.3#
80	8.3	7.7	11.5

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 33.104 ng

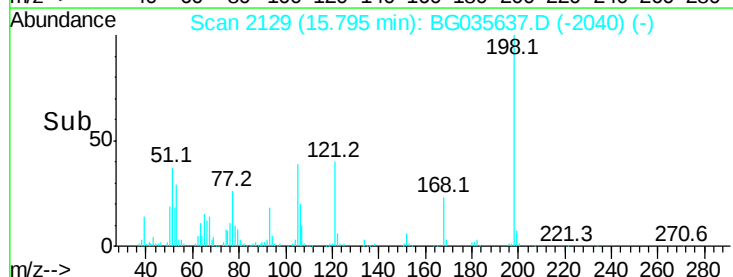
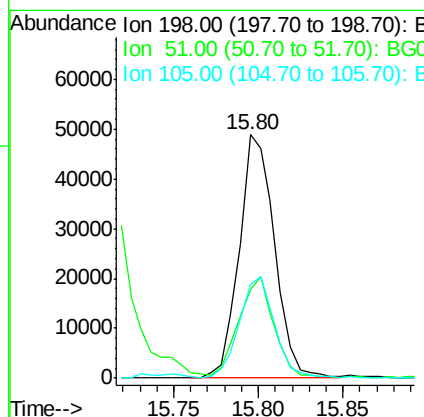
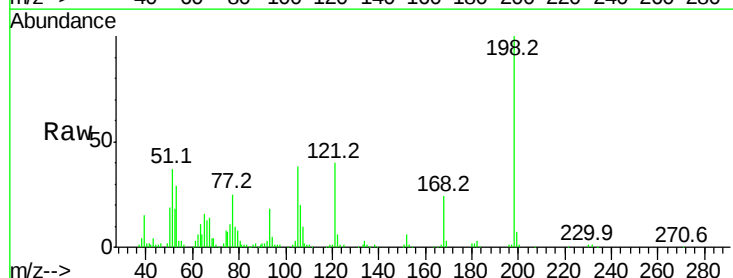
RT: 15.80 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion:	198	Resp:	71088
Ion Ratio	Lower	Upper	
198	100		
51	36.5	30.6	70.6
105	38.5	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 32.477 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

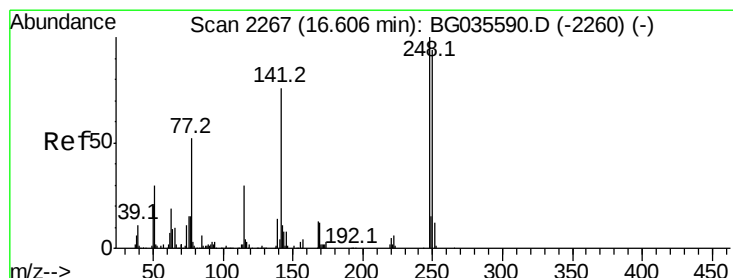
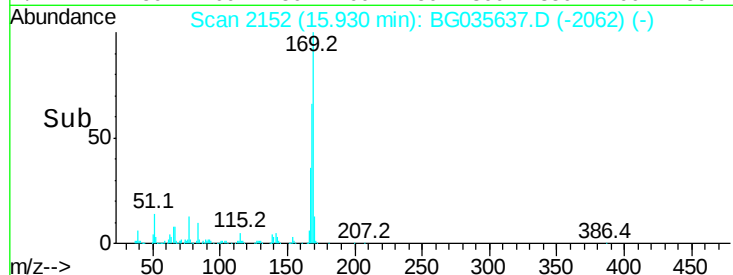
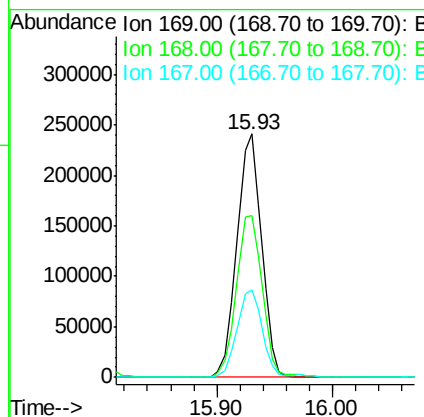
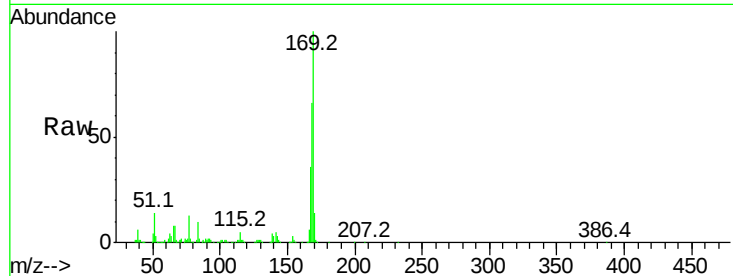
ClientSampleId :

C-1MSD

Tot Ion:	169	Resp:	356605
Ion Ratio	Lower	Upper	
169	100		
168	66.2	55.7	83.5
167	36.0	30.1	45.1

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#66

4-Bromophenyl-phenylether

Concen: 35.569 ng

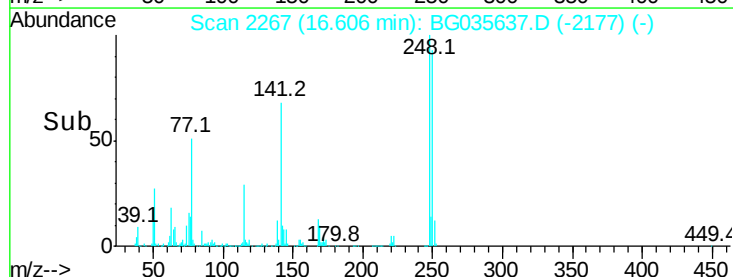
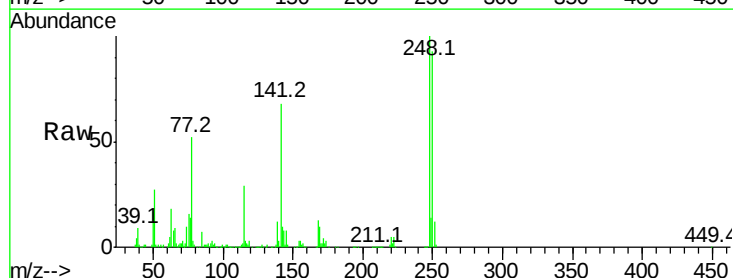
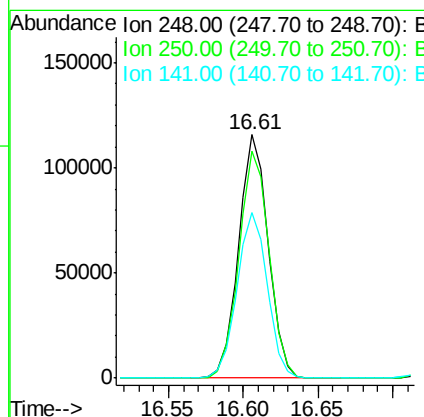
RT: 16.61 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion:	248	Resp:	159187
Ion Ratio	Lower	Upper	
248	100		
250	93.2	77.1	115.7
141	67.7	50.8	76.2





#67

Hexachlorobenzene

Concen: 34.678 ng

RT: 16.72 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

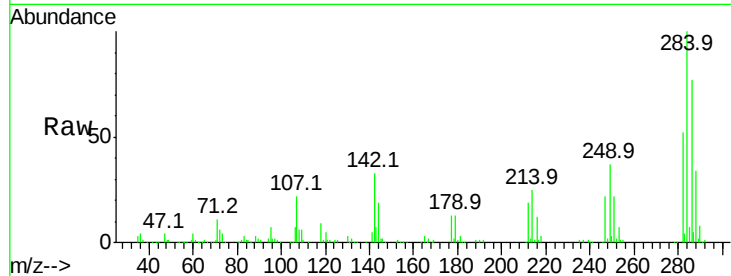
ClientSampled :

C-1MSD

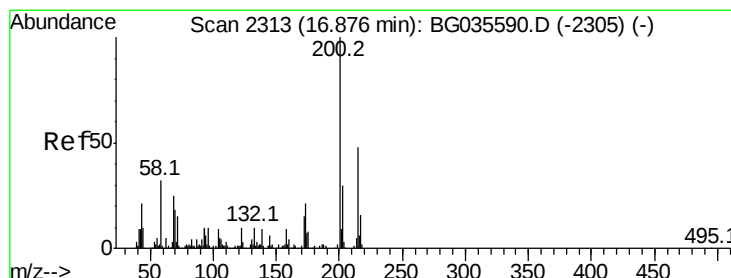
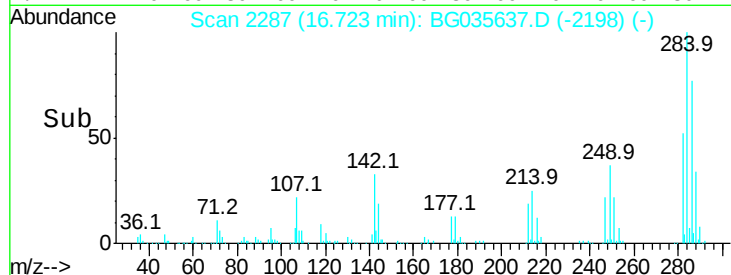
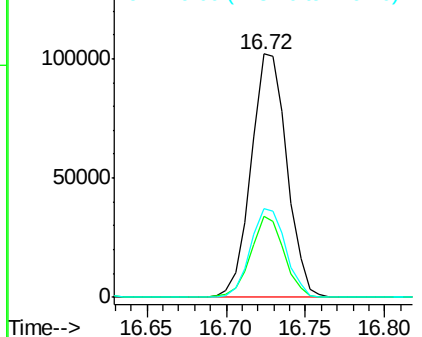
Tot Ion:	284	Resp:	159829
Ion Ratio	Lower	Upper	
284	100		
142	33.1	26.8	40.2
249	36.7	26.3	39.5

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



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



#68

Atrazine

Concen: 35.765 ng

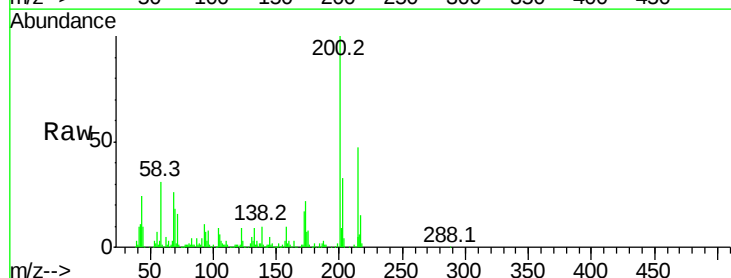
RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

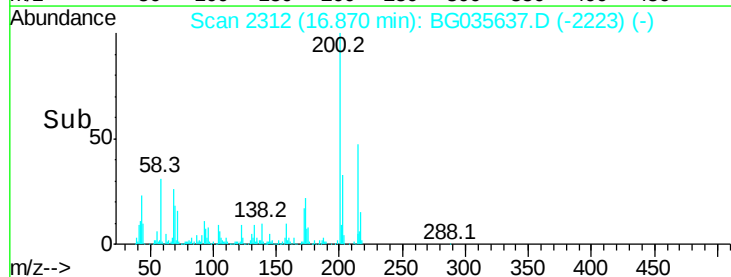
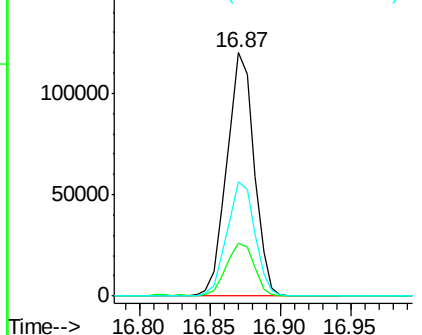
Lab File: BG035637.D

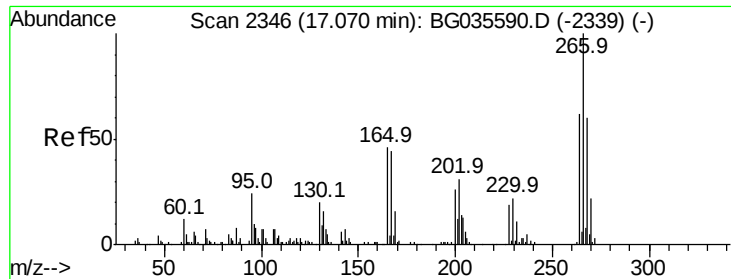
Acq: 13 Jul 2018 20:04

Tgt Ion:	200	Resp:	161690
Ion Ratio	Lower	Upper	
200	100		
173	21.9	5.2	45.2
215	47.1	30.4	70.4



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





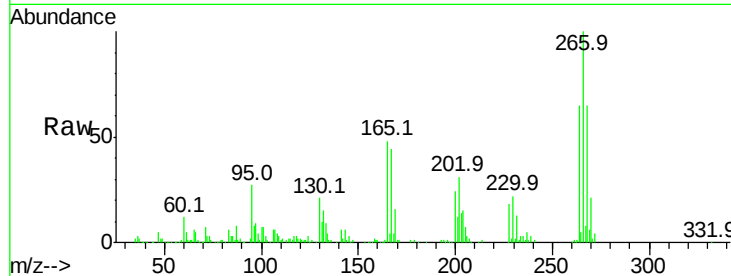
#69
 Pentachlorophenol
 Concen: 59.347 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Instrument :
 BNA_G
 ClientSampled :
 C-1MSD

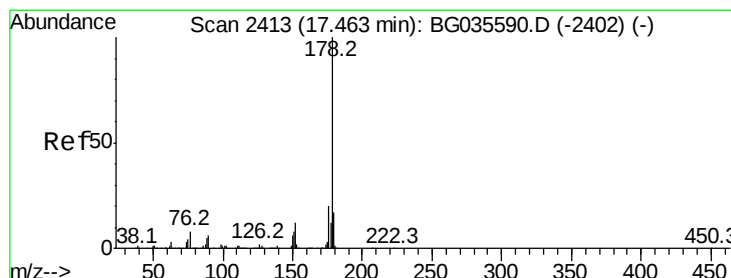
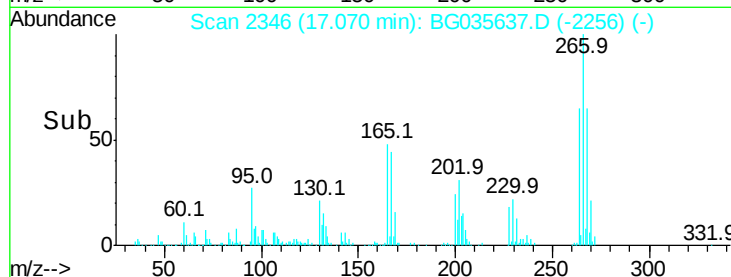
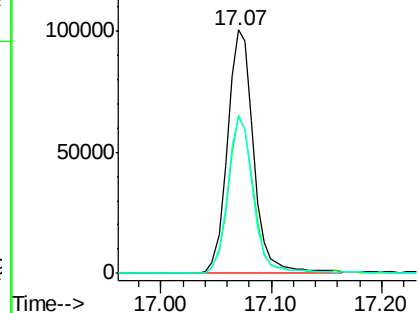
Tot Ion	Ratio	Resp	Lower	Upper
266	100	166602		
268	65.0		51.1	76.7
264	64.6		49.6	74.4

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:24:19 PM

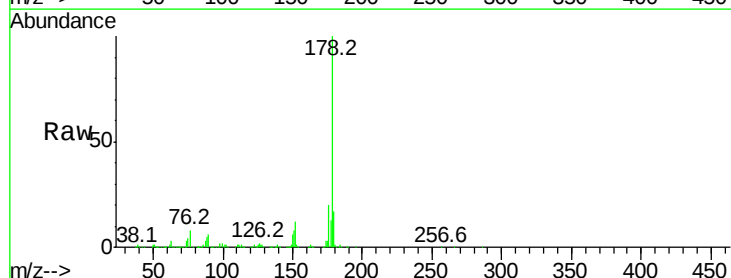


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

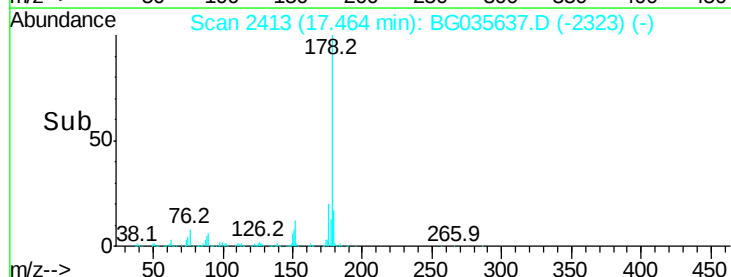
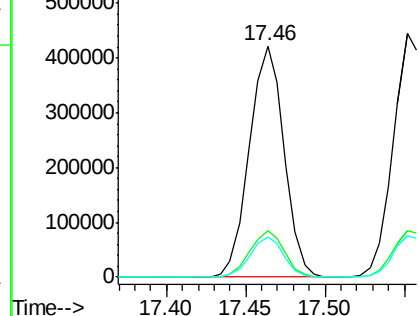


#70
 Phenanthrene
 Concen: 33.277 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	640536		
176	20.1		15.7	23.5
179	17.4		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





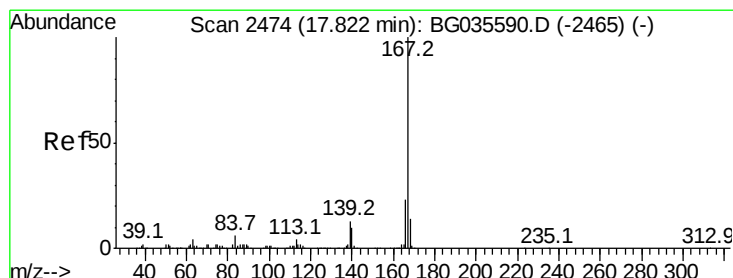
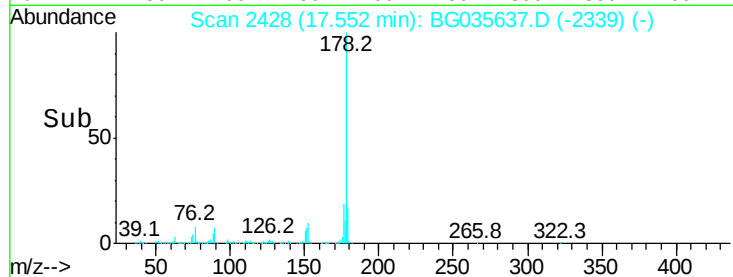
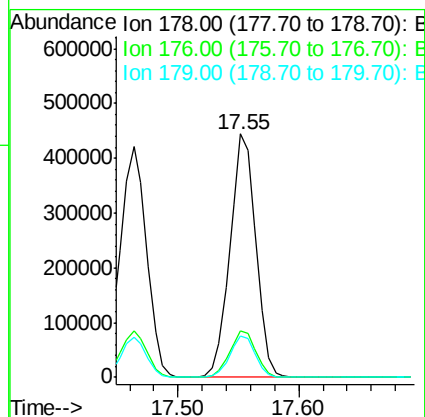
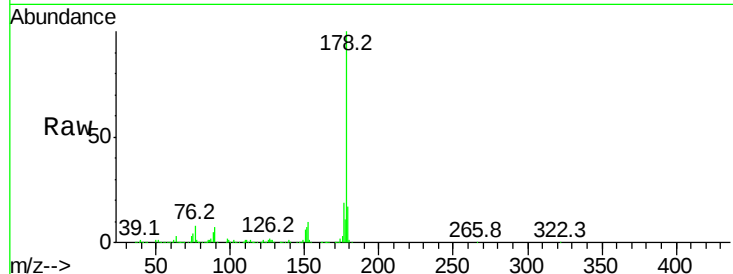
#71
 Anthracene
 Concen: 34.448 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.01 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	16.9	12.5	18.7

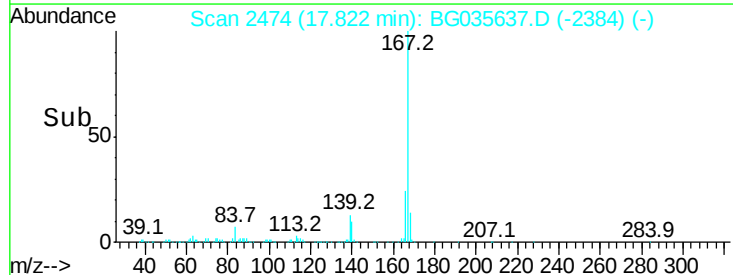
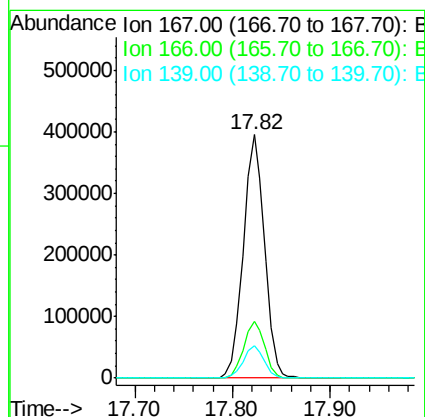
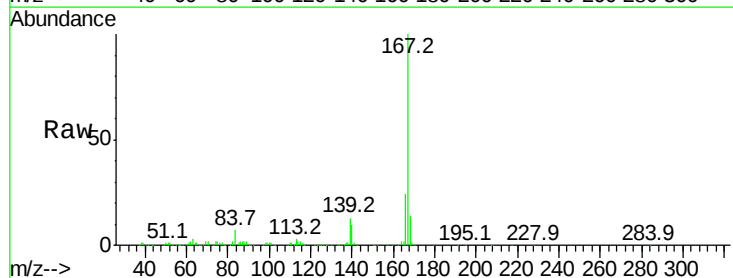
Manual Integrations
 APPROVED

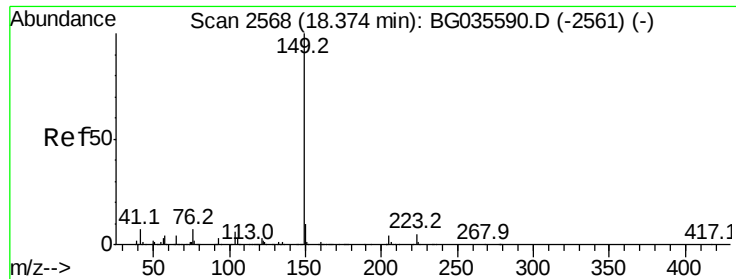
Sohil
 7/16/2018 3:24:19 PM



#72
 Carbazole
 Concen: 32.573 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	13.1	9.4	14.2





#73

Di-n-butylphthalate

Concen: 31.448 ng

RT: 18.37 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

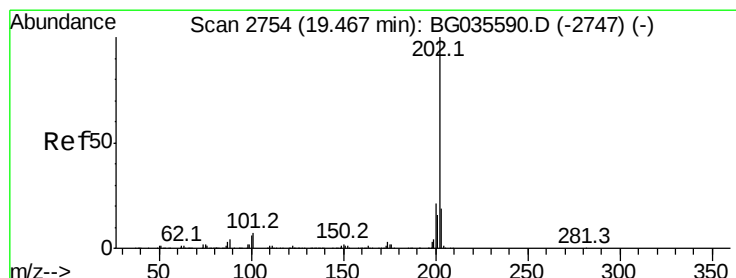
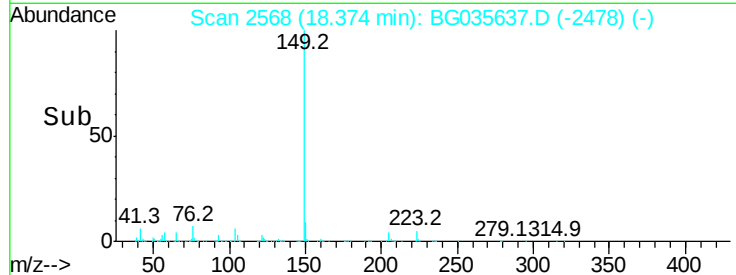
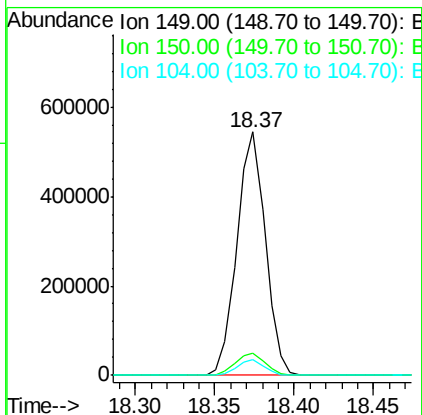
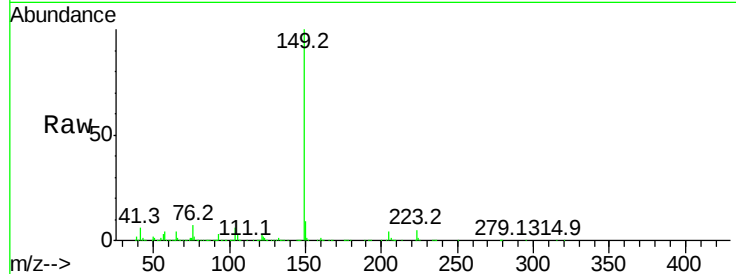
ClientSampleId :

C-1MSD

Tot Ion:	149	Resp:	676442
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	6.4	3.9	5.9#

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#74

Fluoranthene

Concen: 31.890 ng

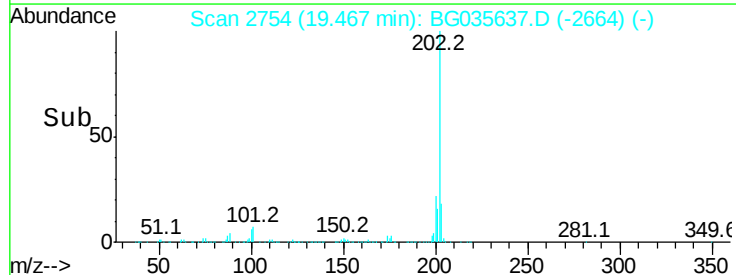
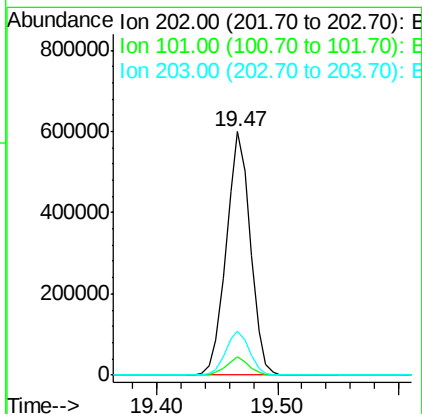
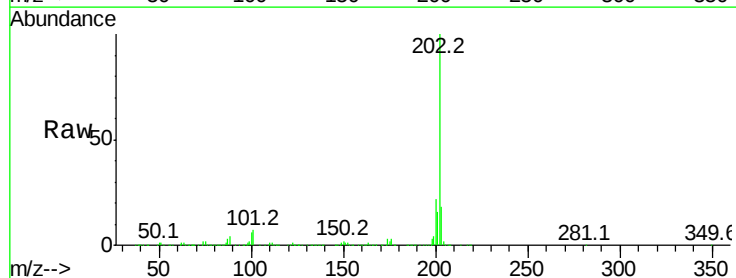
RT: 19.47 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion:	202	Resp:	826850
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	28.9
203	17.8	0.0	37.5





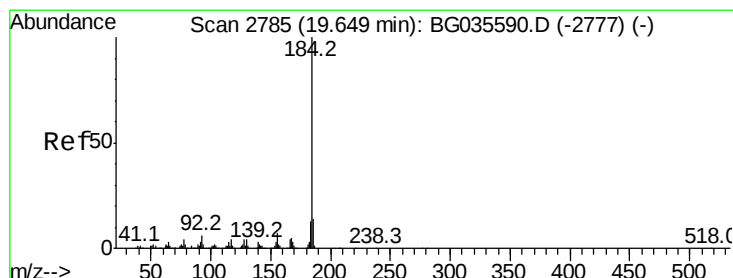
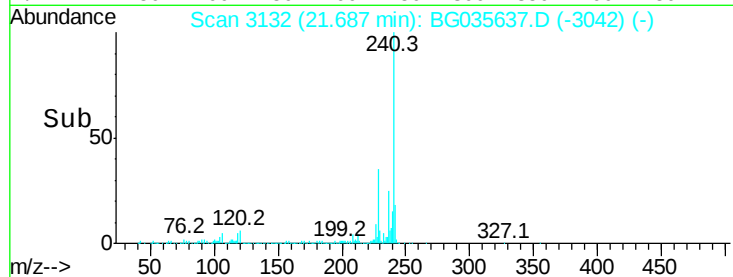
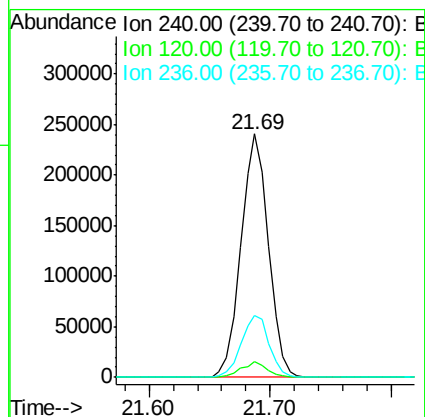
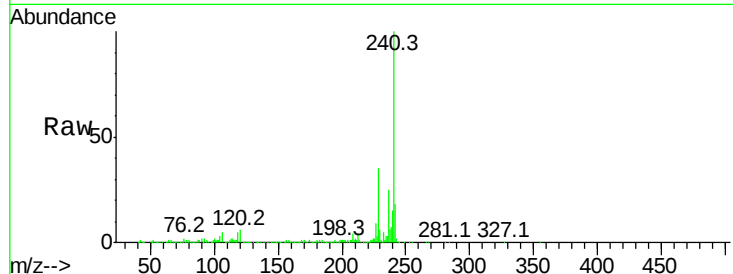
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	6.2	6.8	10.2#
236	25.4	20.9	31.3

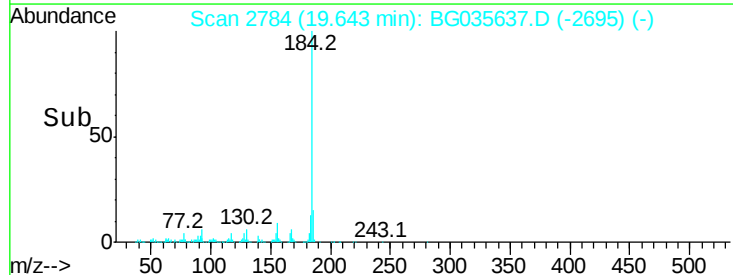
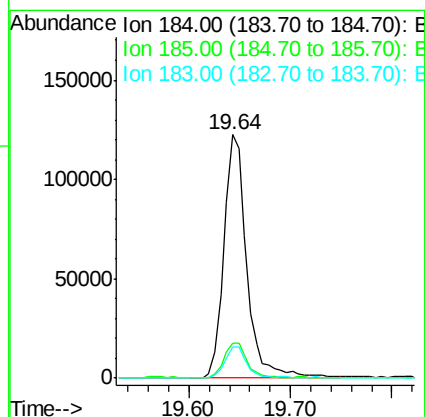
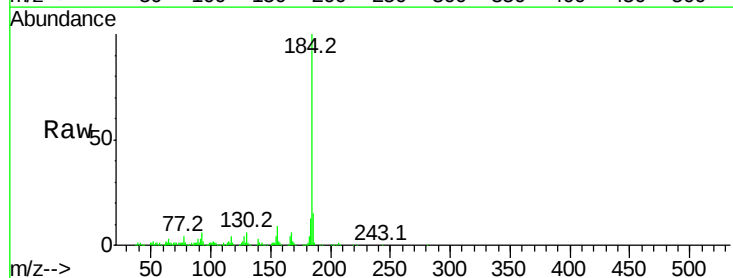
Manual Integrations
 APPROVED

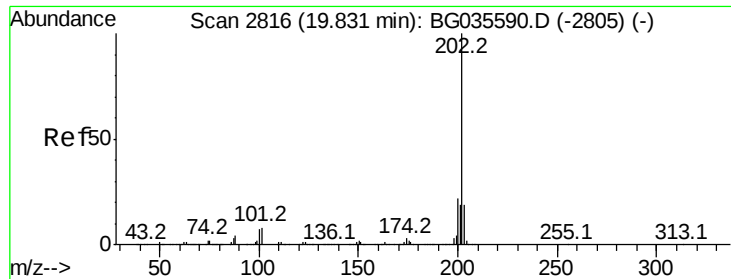
Sohil
 7/16/2018 3:24:19 PM



#76
 Benzidine
 Concen: 19.211 ng
 RT: 19.64 min Scan# 2784
 Delta R.T. -0.01 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.6	11.1	16.7
183	12.9	10.6	16.0





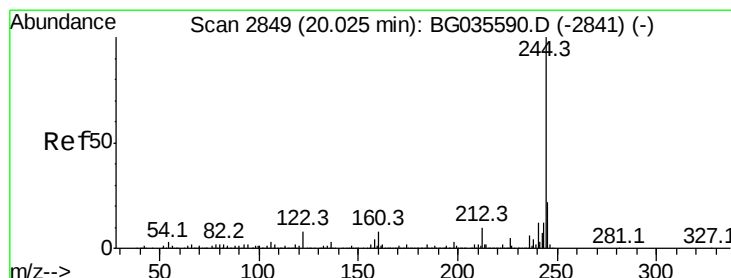
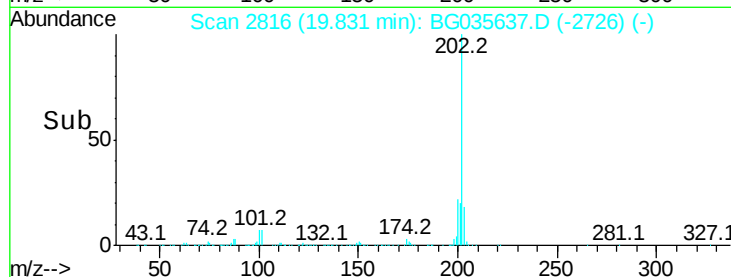
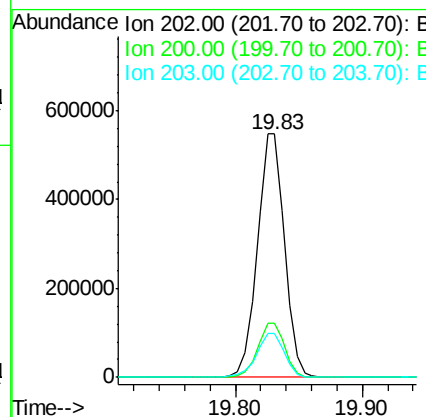
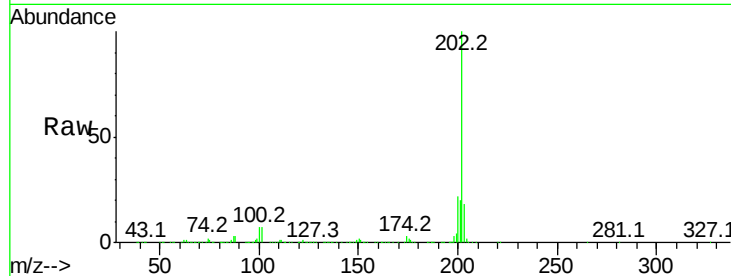
#77
Pvrene
Concen: 33.879 ng
RT: 19.83 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	16.9	25.3
203	18.2	13.9	20.9

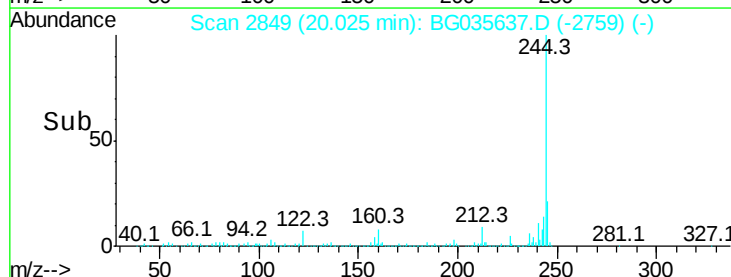
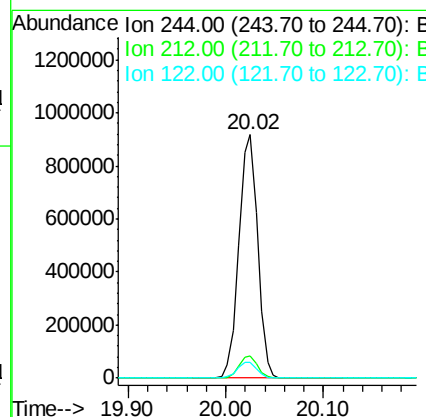
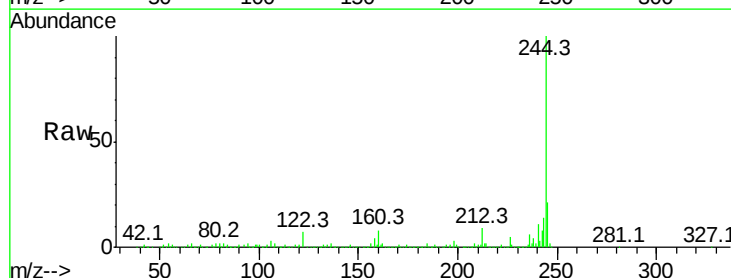
Manual Integrations
APPROVED

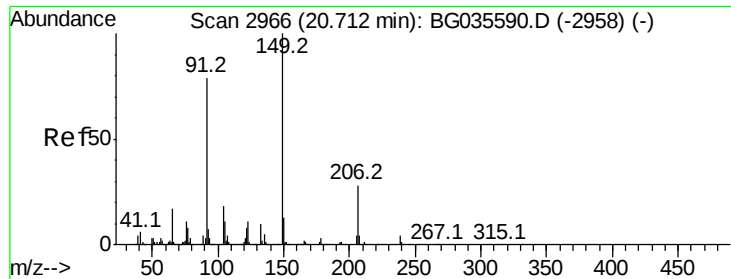
Sohil
7/16/2018 3:24:19 PM



#78
Terphenyl-d14
Concen: 70.569 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	6.6	7.0	10.4#





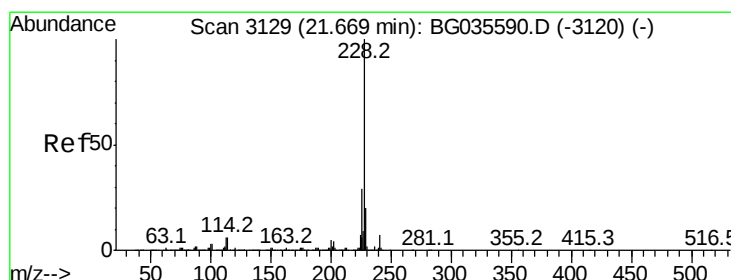
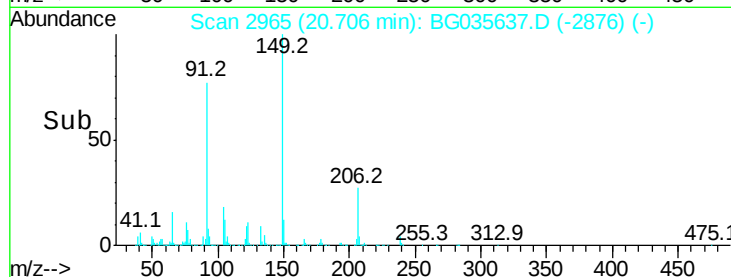
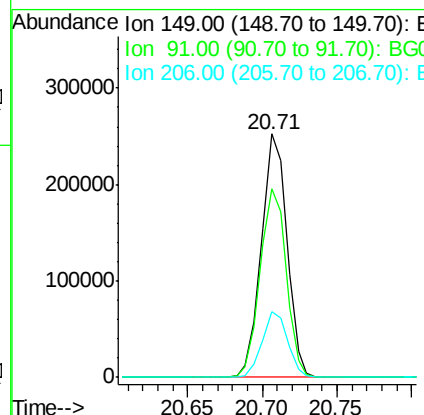
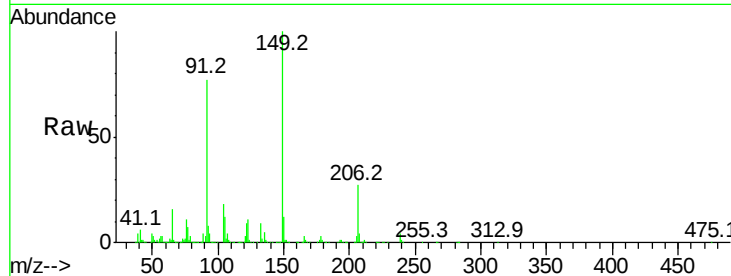
#79
Butylbenzylphthalate
Concen: 34.568 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.3	62.2	93.2
206	27.2	18.6	27.8

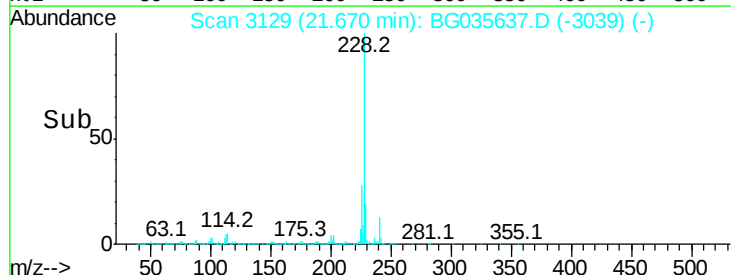
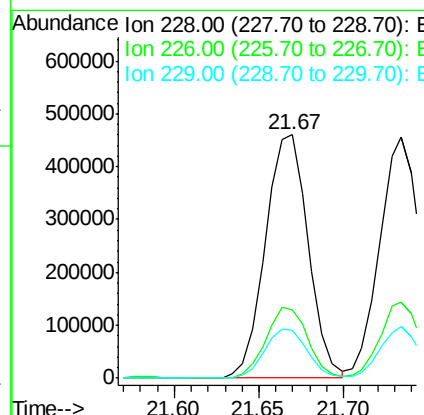
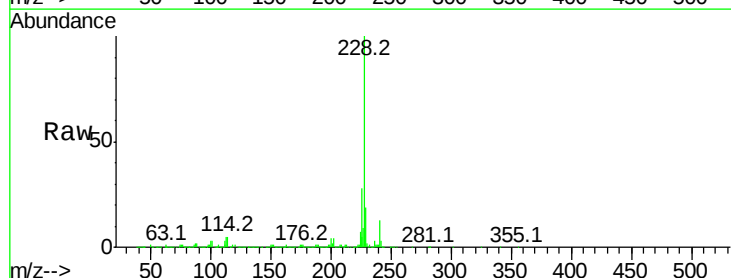
Manual Integrations
APPROVED

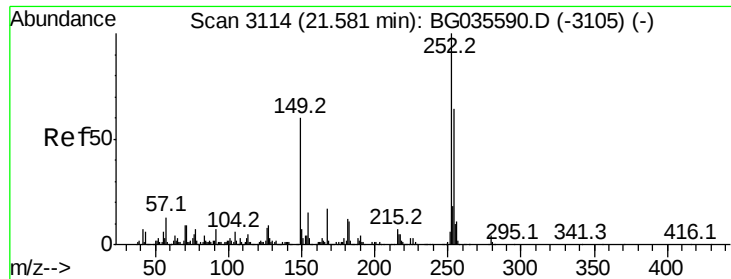
Sohil
7/16/2018 3:24:19 PM



#80
Benzo(a)anthracene
Concen: 34.147 ng
RT: 21.67 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG035637.D
Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	19.4	16.2	24.2





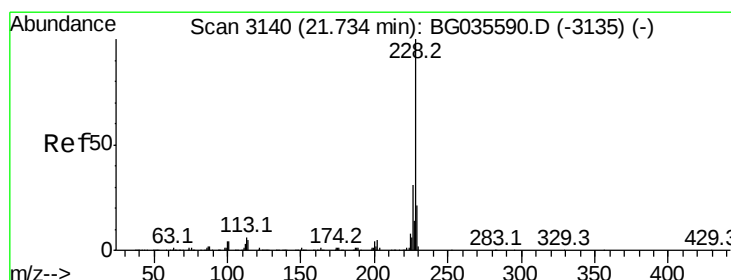
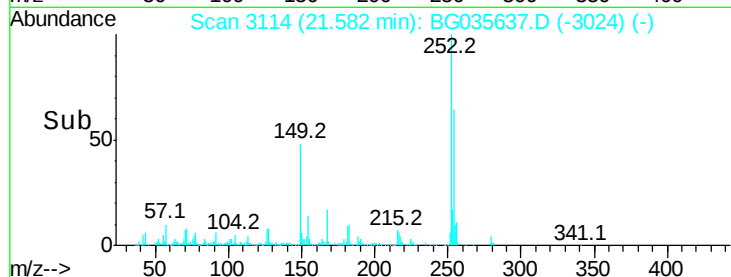
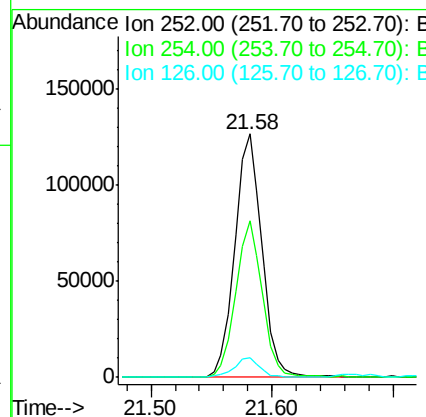
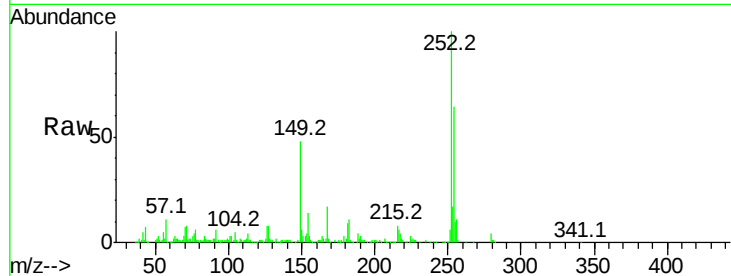
#81
 3,3'-Dichlorobenzidine
 Concen: 23.931 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	198091		
254	64.1	50.8	76.2	
126	7.8	7.4	11.2	

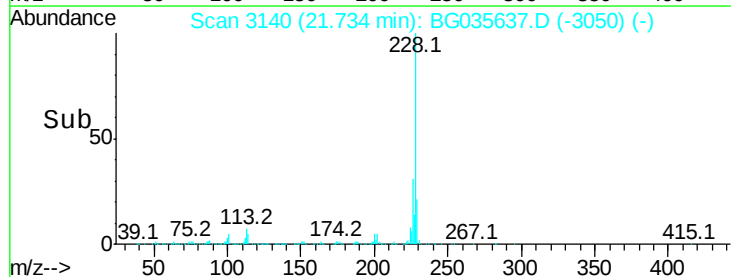
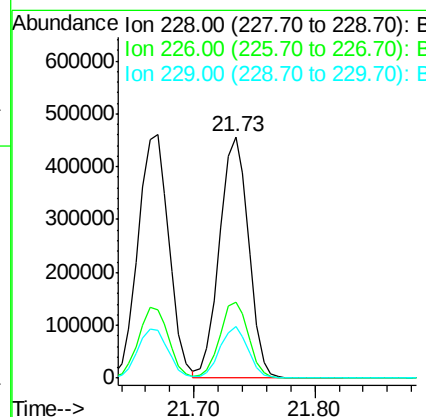
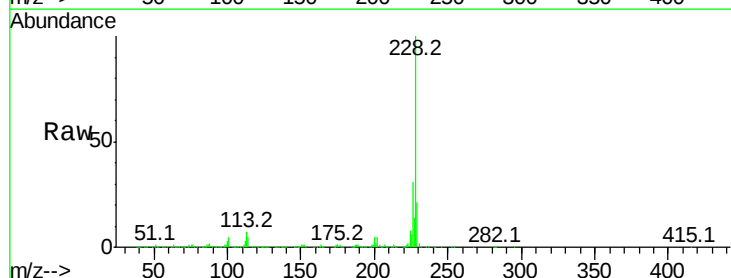
Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:24:19 PM



#82
 Chrysene
 Concen: 34.348 ng
 RT: 21.73 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	755635		
226	31.4	24.9	37.3	
229	21.3	15.0	22.4	





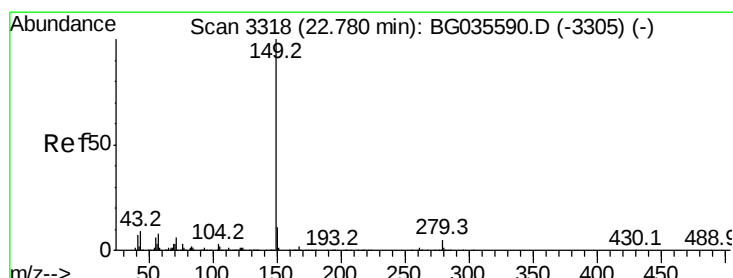
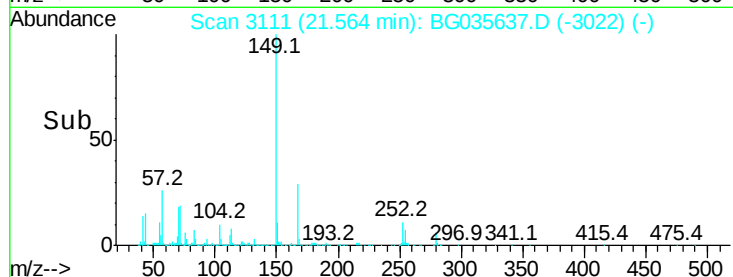
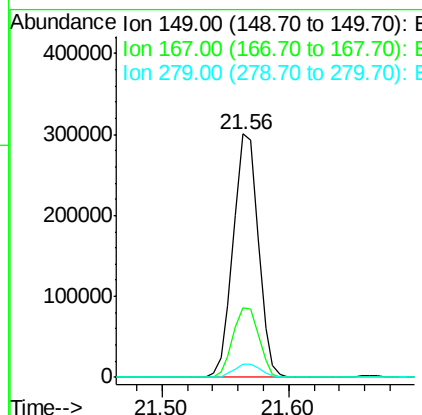
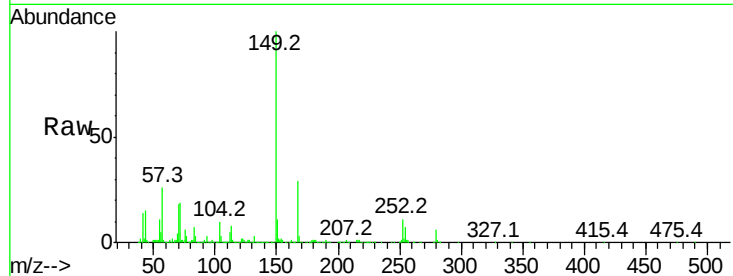
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.153 ng
 RT: 21.56 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.3	36.5
279	5.6	4.0	6.0

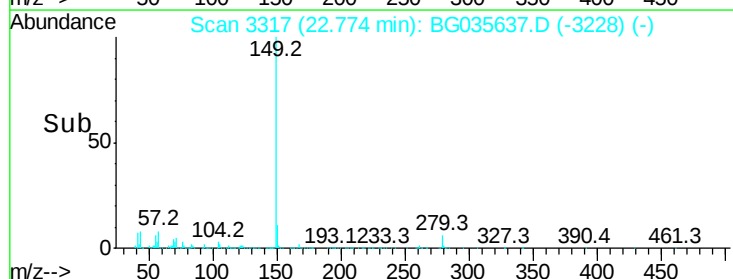
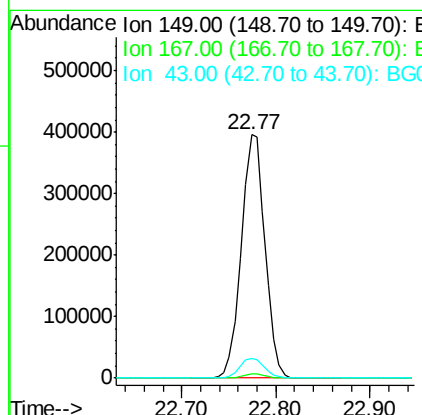
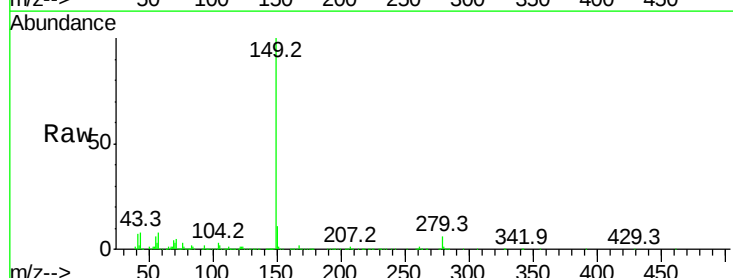
Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:24:19 PM



#84
 Di-n-octyl phthalate
 Concen: 35.164 ng
 RT: 22.77 min Scan# 3317
 Delta R.T. -0.01 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.5	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.098 ng

RT: 28.57 min Scan# 4304

Delta R.T. -0.01 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

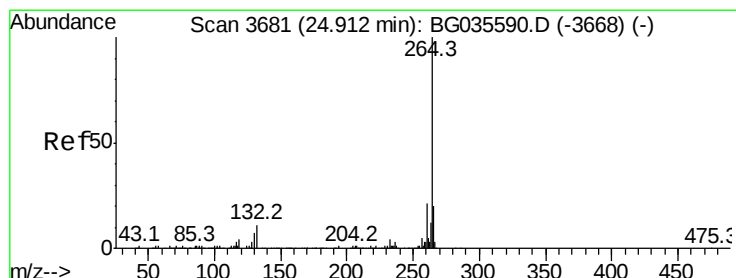
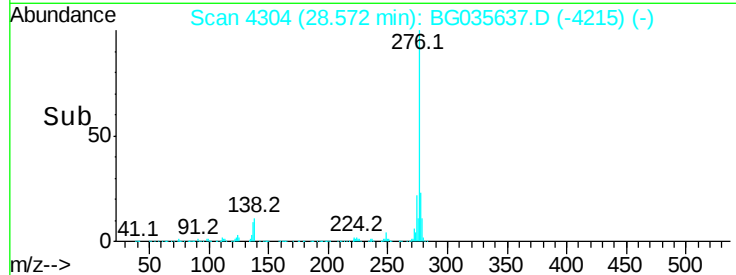
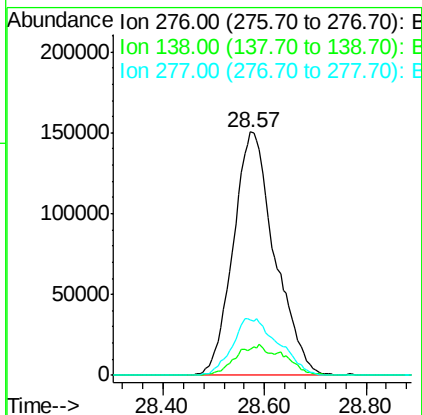
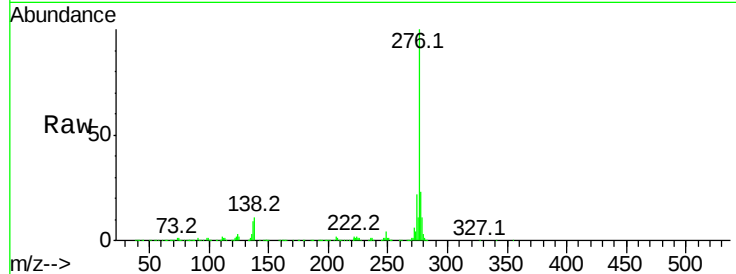
ClientSampleId :

C-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.3	16.0	24.0#
277	26.1	20.0	30.0

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#86

Perylene-d12

Concen: 20.000 ng

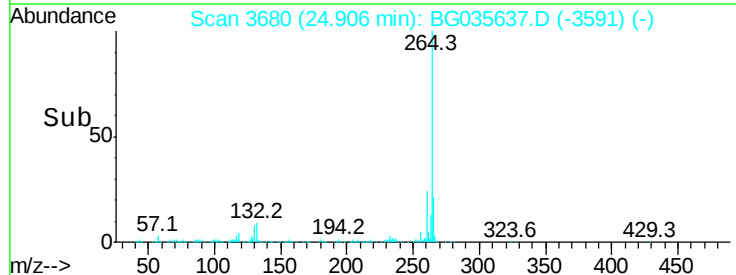
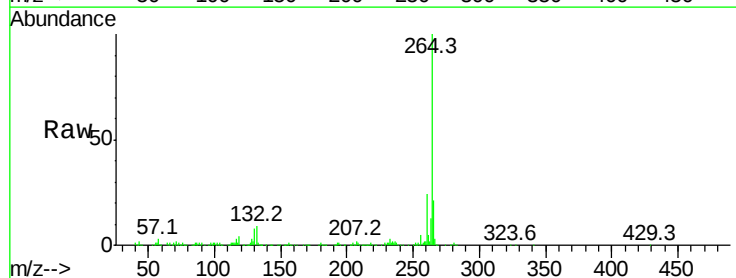
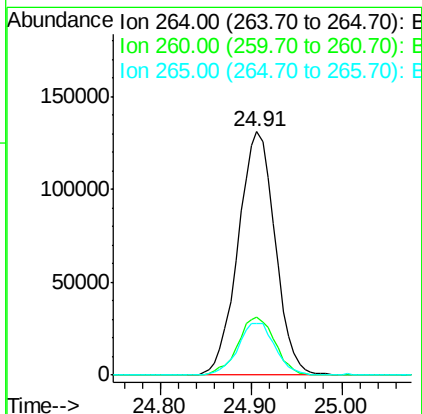
RT: 24.91 min Scan# 3680

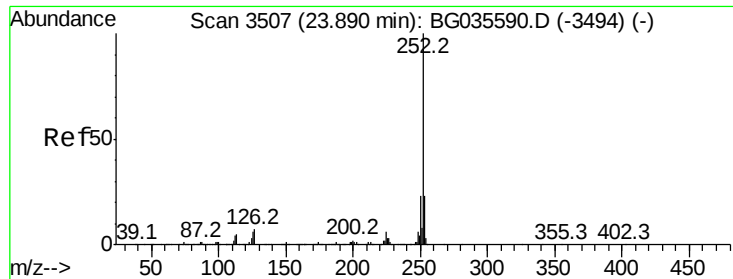
Delta R.T. -0.01 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 34.244 ng

RT: 23.88 min Scan# 3506

Delta R.T. -0.01 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

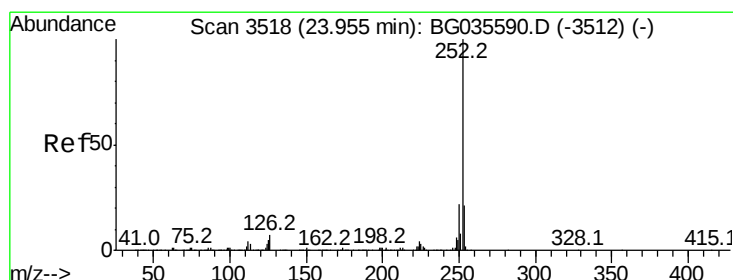
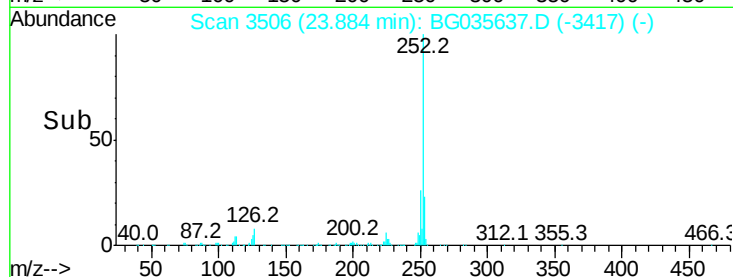
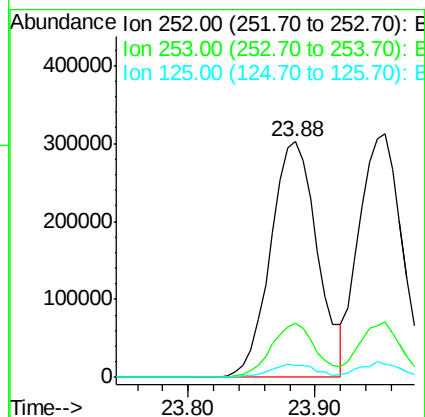
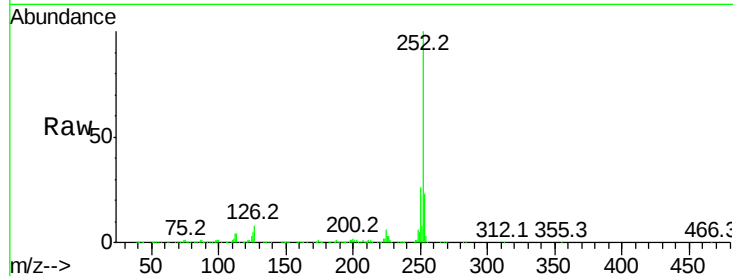
ClientSampleId :

C-1MSD

Tot Ion:252	Resp:	774293
Ion Ratio	Lower	Upper
252 100		
253 22.8	18.2	27.4
125 5.1	7.2	10.8#

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#88

Benzo(k)fluoranthene

Concen: 33.004 ng

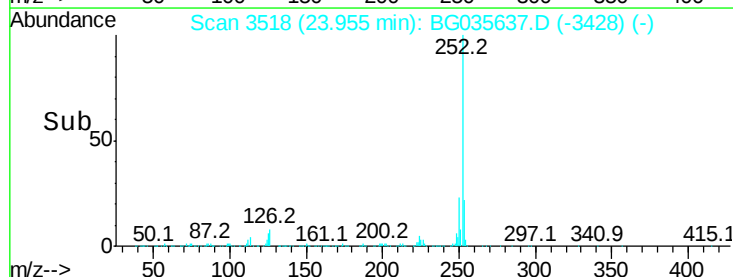
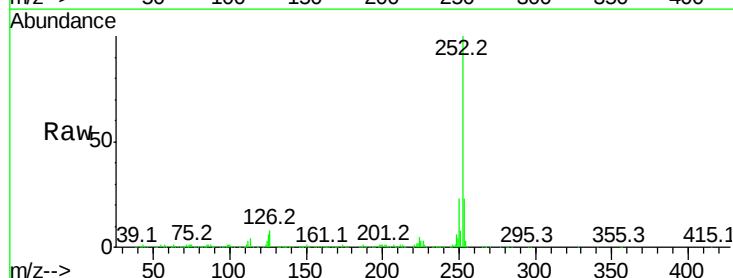
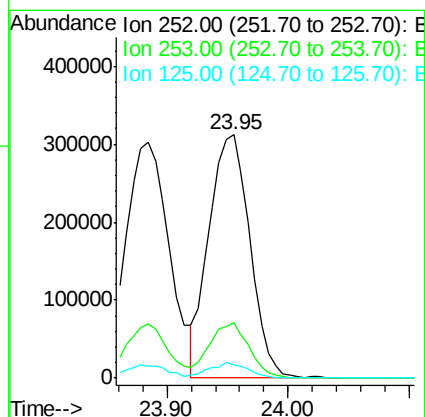
RT: 23.95 min Scan# 3518

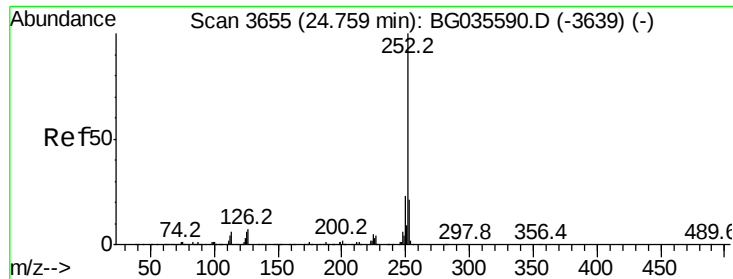
Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion:252	Resp:	729562
Ion Ratio	Lower	Upper
252 100		
253 22.6	17.4	26.2
125 5.6	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 35.084 ng

RT: 24.76 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Instrument :

BNA_G

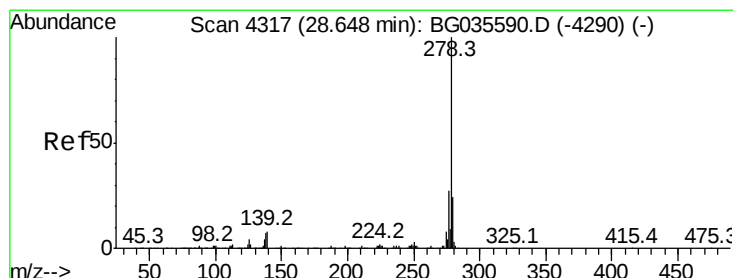
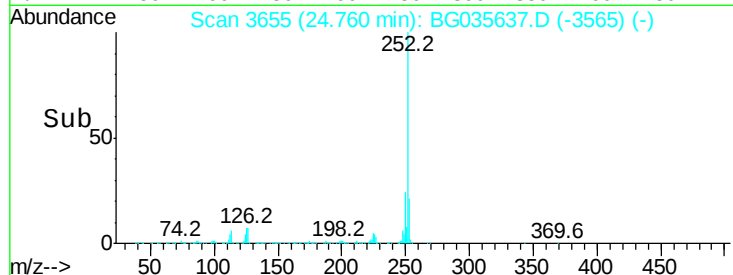
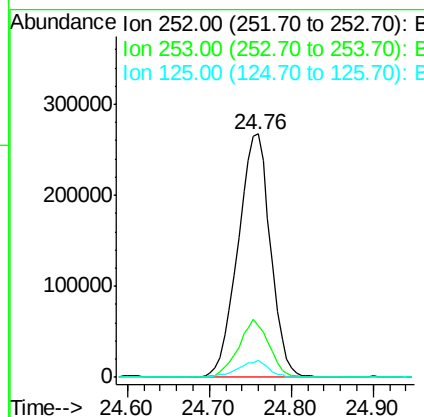
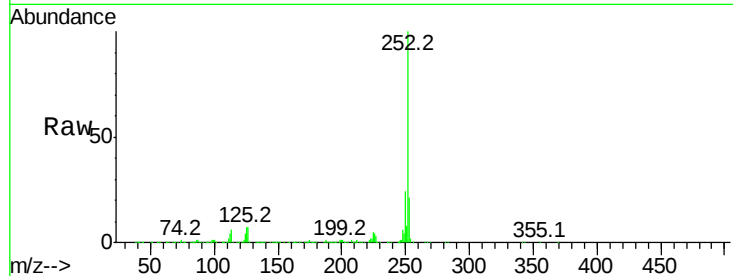
ClientSampleId :

C-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.3	27.5
125	7.0	7.3	10.9#

Manual Integrations
APPROVED

Sohil
7/16/2018 3:24:19 PM



#90

Dibenzo(a,h)anthracene

Concen: 34.392 ng

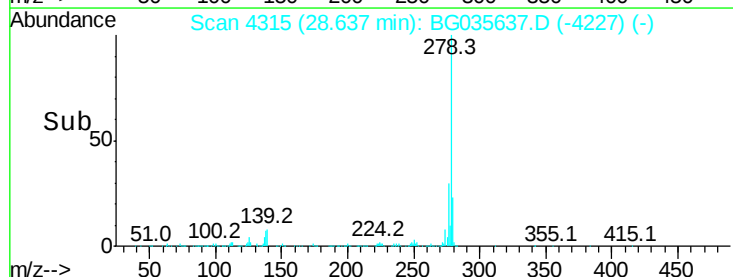
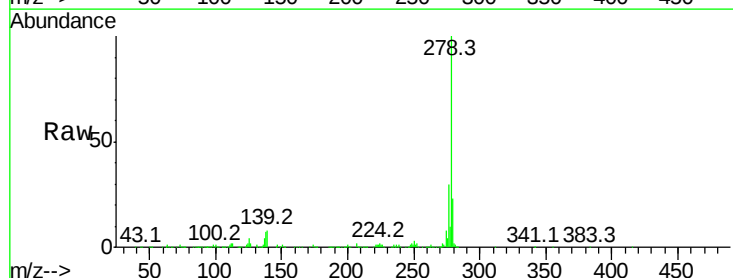
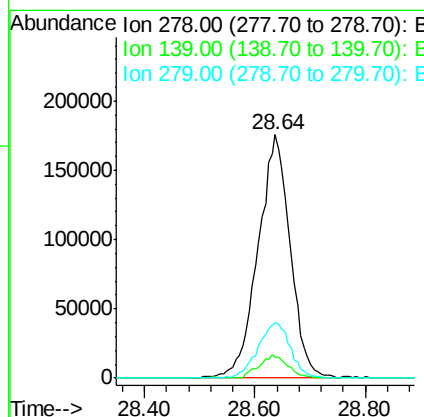
RT: 28.64 min Scan# 4315

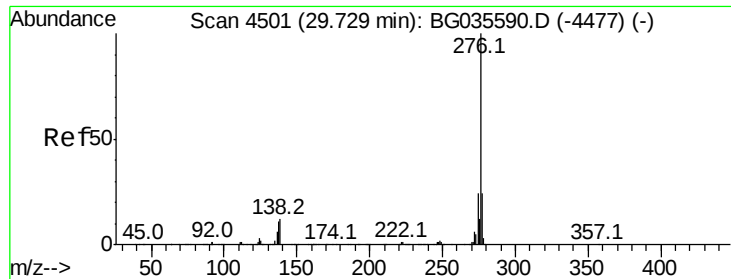
Delta R.T. -0.01 min

Lab File: BG035637.D

Acq: 13 Jul 2018 20:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.4	9.8	14.6#
279	22.8	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 35.473 ng
 RT: 29.72 min Scan# 4500
 Delta R.T. -0.01 min
 Lab File: BG035637.D
 Acq: 13 Jul 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 C-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	12.7	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:24:19 PM

