

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037668.D
 Acq On : 31 Oct 2018 1:08
 Operator : JU/SJ
 Sample : J5194-08MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:54:20 AM

Quant Time: Oct 31 09:16:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55846	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	243509	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	162560	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	389060	20.00	ng	0.00
76) Chrysene-d12	21.77	240	339859	20.00	ng	0.00
87) Perylene-d12	25.10	264	354837	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	440771	131.95	ng	0.00
7) Phenol-d6	7.25	99	589135	116.64	ng	0.00
23) Nitrobenzene-d5	9.28	82	398731	91.73	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	242925	137.01	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	934952	86.73	ng	0.00
79) Terphenyl-d14	20.08	244	1382827	86.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	52552	31.023	ng	# 89
3) Pyridine	3.94	79	167462	39.222	ng	89
4) n-Nitrosodimethylamine	3.85	42	77066	50.676	ng	# 95
6) Aniline	7.43	93	132764	21.546	ng	98
8) 2-Chlorophenol	7.66	128	191455	48.994	ng	99
9) Benzaldehyde	7.24	77	76546	24.226	ng	96
10) Phenol	7.28	94	228677	42.909	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	180619	44.623	ng	97
12) 1,3-Dichlorobenzene	7.99	146	189570	43.576	ng	97
13) 1,4-Dichlorobenzene	8.14	146	192841	43.335	ng	98
14) 1,2-Dichlorobenzene	8.46	146	185951	43.440	ng	99
15) Benzyl Alcohol	8.34	79	174978	46.883	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	330180	45.589	ng	98
17) 2-Methylphenol	8.53	107	171007	48.535	ng	97
18) Hexachloroethane	9.18	117	70373	46.387	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	152501	43.845	ng	96
20) 3+4-Methylphenols	8.86	107	239801	47.604	ng	99
22) Acetophenone	8.93	105	289636	47.426	ng	# 95
24) Nitrobenzene	9.32	77	222852	49.350	ng	98
25) Isophorone	9.83	82	441197	55.549	ng	98
26) 2-Nitrophenol	10.03	139	109837	53.992	ng	99
27) 2,4-Dimethylphenol	10.07	122	209936	57.798	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	265226	50.968	ng	97
29) 2,4-Dichlorophenol	10.56	162	210194	51.975	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	201400	45.794	ng	98
31) Naphthalene	10.97	128	609440	50.954	ng	100
32) Benzoic acid	10.19	122	70799	30.010	ng	95
33) 4-Chloroaniline	11.09	127	28083	4.997	ng	94
34) Hexachlorobutadiene	11.23	225	114323	43.860	ng	97
35) Caprolactam	11.87	113	61278m	37.780	ng	
36) 4-Chloro-3-methylphenol	12.19	107	235101	51.547	ng	98
37) 2-Methylnaphthalene	12.57	142	460118	52.773	ng	100
38) 1-Methylnaphthalene	12.79	142	440541	52.029	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	232715	44.382	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037668.D
 Acq On : 31 Oct 2018 1:08
 Operator : JU/SJ
 Sample : J5194-08MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

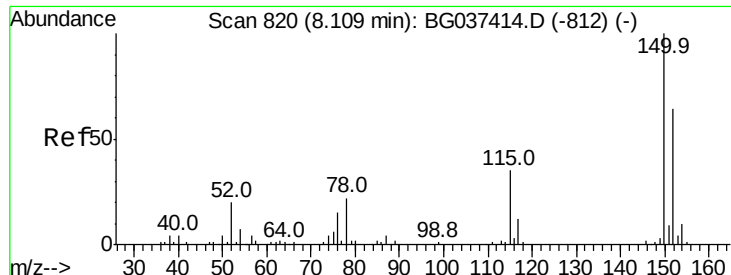
Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:54:20 AM

Quant Time: Oct 31 09:16:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	235751	94.125	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	180471	51.518	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	192918	50.581	ng	95
46) 1,1'-Biphenyl	13.57	154	596623	44.317	ng	98
47) 2-Chloronaphthalene	13.62	162	471026	46.246	ng	99
48) 2-Nitroaniline	13.82	65	162283	52.542	ng	97
49) Acenaphthylene	14.46	152	784306	51.191	ng	99
50) Dimethylphthalate	14.19	163	623680	49.593	ng	99
51) 2,6-Dinitrotoluene	14.32	165	141613	50.902	ng	91
52) Acenaphthene	14.80	154	455785	48.303	ng	99
53) 3-Nitroaniline	14.65	138	84252	27.280	ng	# 97
54) 2,4-Dinitrophenol	14.85	184	38466	44.719	ng	97
55) Dibenzofuran	15.13	168	743944	47.586	ng	100
56) 4-Nitrophenol	14.94	139	277259	121.282	ng	99
57) 2,4-Dinitrotoluene	15.10	165	199436	54.611	ng	97
58) Fluorene	15.78	166	603278	51.530	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	166048	50.848	ng	99
60) Diethylphthalate	15.54	149	642476	49.761	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	313359	45.922	ng	99
62) 4-Nitroaniline	15.81	138	149438	48.694	ng	91
63) Azobenzene	16.06	77	604577	49.078	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	51104	29.102	ng	97
66) n-Nitrosodiphenylamine	15.98	169	556629	47.563	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	199801	46.764	ng	98
68) Hexachlorobenzene	16.77	284	200577	45.297	ng	99
69) Atrazine	16.93	200	204894	48.424	ng	98
70) Pentachlorophenol	17.12	266	163778	55.217	ng	96
71) Phenanthrene	17.52	178	991280	50.132	ng	98
72) Anthracene	17.62	178	1000046	51.536	ng	97
73) Carbazole	17.89	167	910592	46.912	ng	99
74) Di-n-butylphthalate	18.42	149	1086051	50.298	ng	99
75) Fluoranthene	19.53	202	1134566	50.590	ng	98
77) Benzidine	19.71	184	138255	11.964	ng	99
78) Pyrene	19.89	202	1126859	50.720	ng	98
80) Butylbenzylphthalate	20.76	149	491472	54.052	ng	99
81) Benzo(a)anthracene	21.75	228	1067119	53.084	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	191090	24.525	ng	98
83) Chrysene	21.81	228	983051	50.857	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	698752	54.825	ng	100
85) Di-n-octyl phthalate	22.87	149	1166595	56.132	ng	98
86) Indeno(1,2,3-cd)pyrene	28.93	276	1030201	49.690	ng	99
88) Benzo(b)fluoranthene	24.03	252	1057602	54.366	ng	99
89) Benzo(k)fluoranthene	24.10	252	1011637	53.079	ng	98
90) Benzo(a)pyrene	24.95	252	1014392	54.876	ng	99
91) Dibenzo(a,h)anthracene	28.99	278	860516	50.466	ng	97
92) Benzo(g,h,i)perylene	30.12	276	855585	49.597	ng	99

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



#1

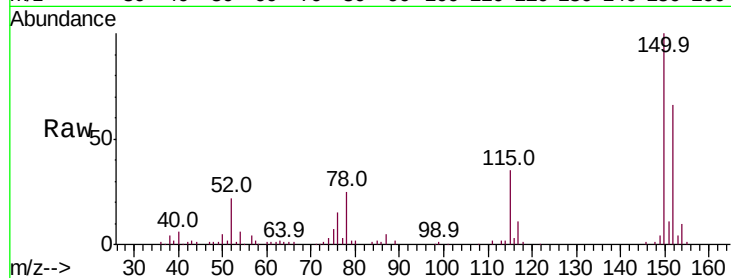
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.0	189.0
115	53.5	45.5	68.3

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM

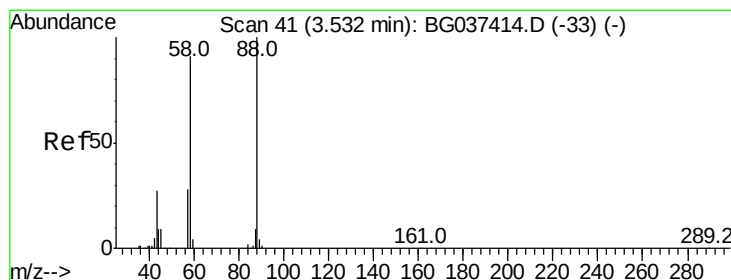
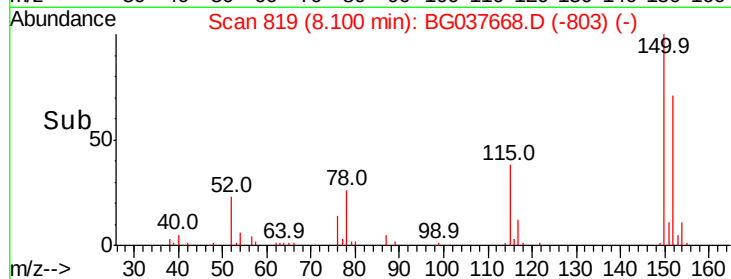
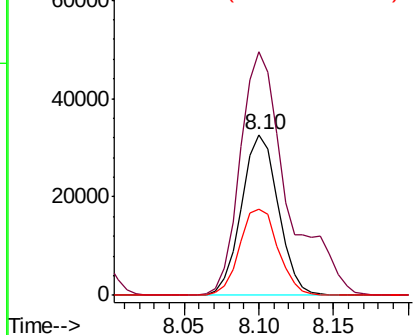


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

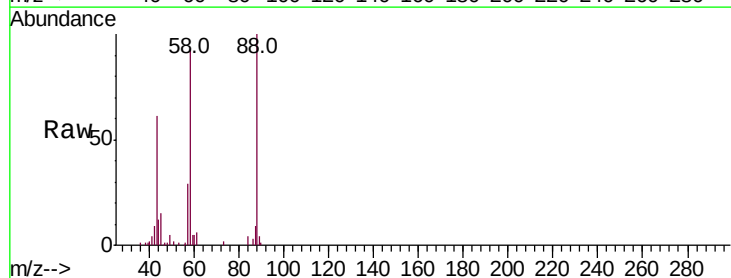
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.023 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.7	74.4	111.6
43	53.9	25.8	38.8

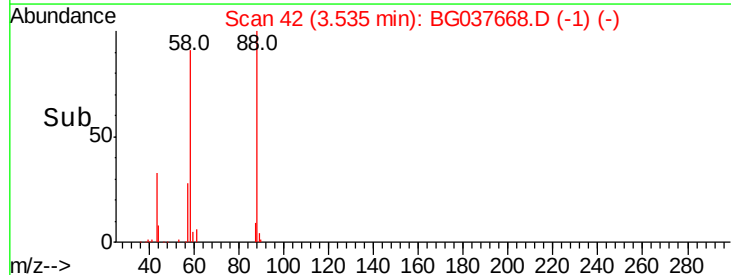
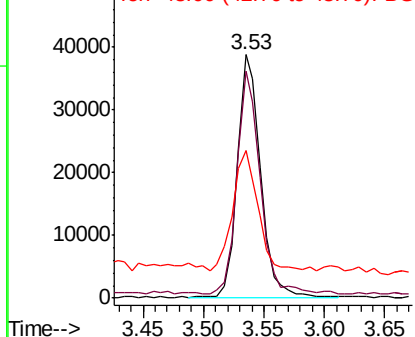


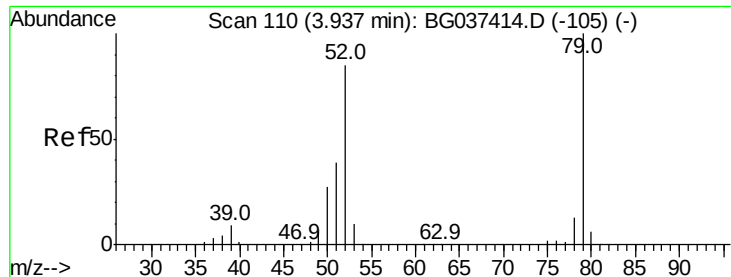
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.222 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

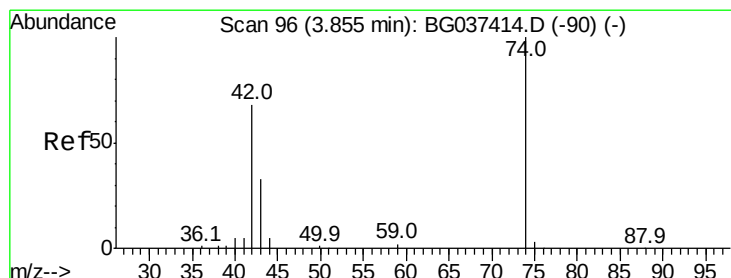
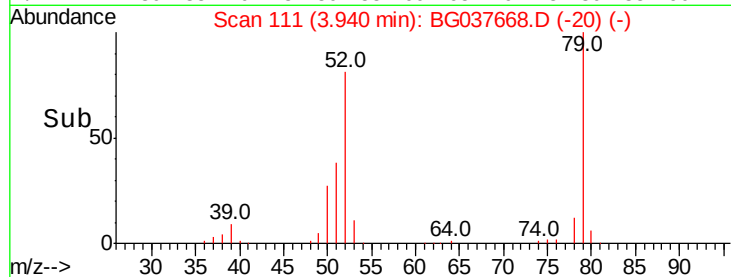
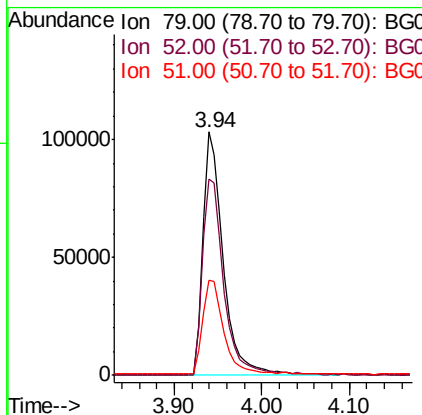
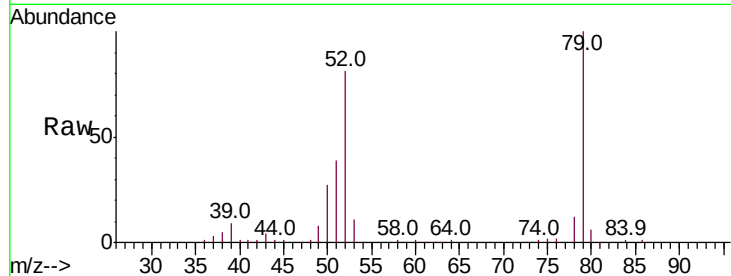
ClientSampleId :

HR-05-102618-AMS

Tot Ion:	79	Resp:	167462
Ion	Ratio	Lower	Upper
79	100		
52	80.6	74.2	111.2
51	39.2	34.6	51.8

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



#4

n-Nitrosodimethylamine

Concen: 50.676 ng

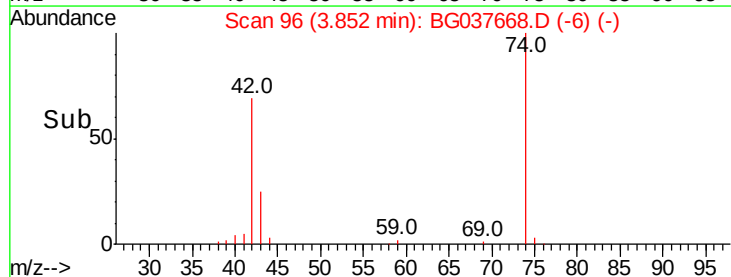
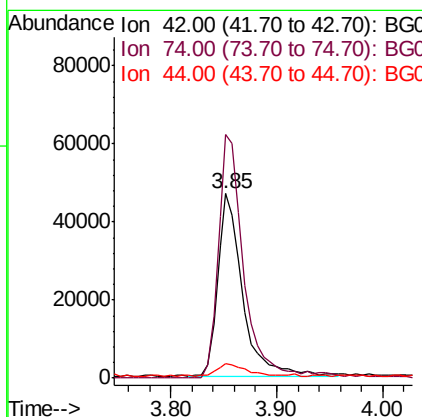
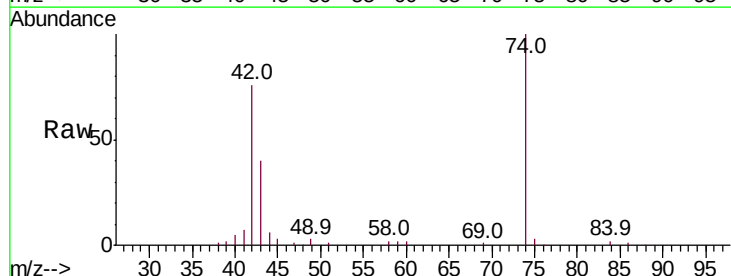
RT: 3.85 min Scan# 96

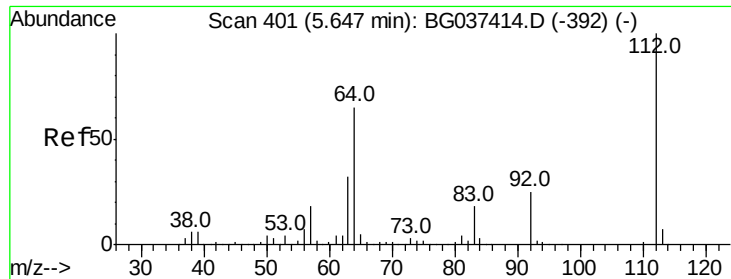
Delta R.T. -0.00 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Tgt Ion:	42	Resp:	77066
Ion	Ratio	Lower	Upper
42	100		
74	132.2	102.0	153.0
44	8.1	9.6	14.4#





#5

2-Fluorophenol

Concen: 131.953 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

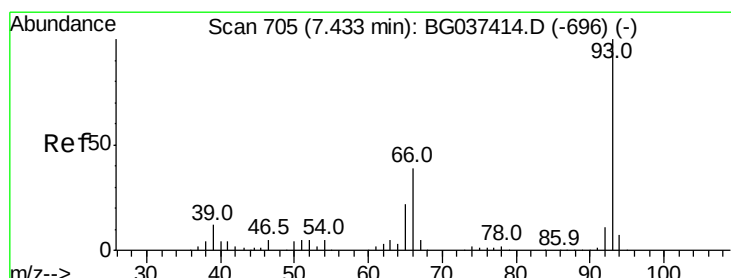
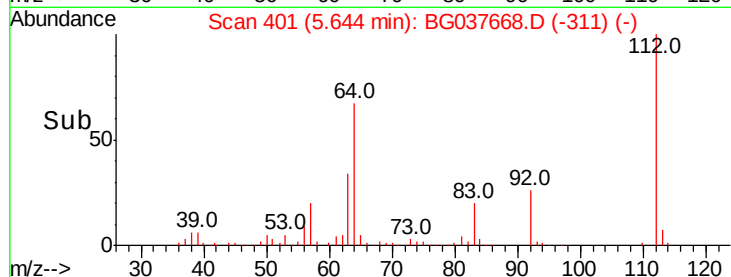
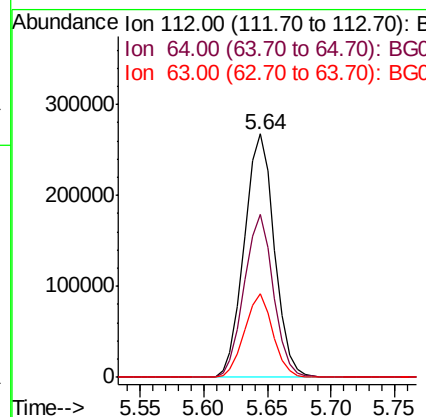
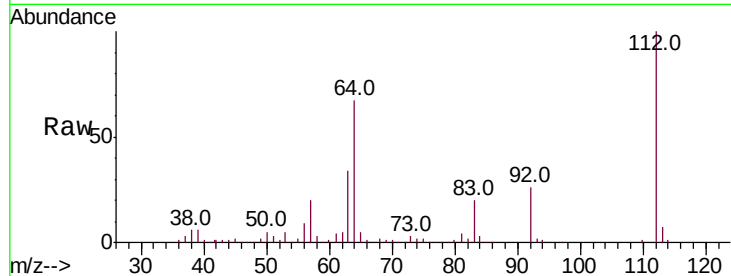
ClientSampleId :

HR-05-102618-AMS

Tot Ion:	112	Resp:	440771
Ion Ratio	Lower	Upper	
112	100		
64	67.1	53.1	79.7
63	34.2	27.3	40.9

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



#6

Aniline

Concen: 21.546 ng

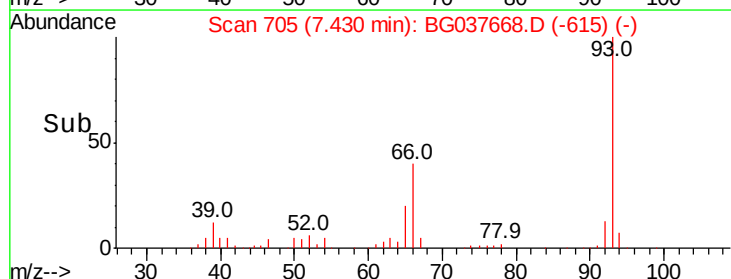
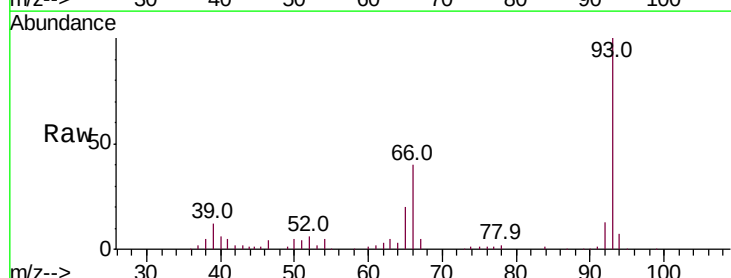
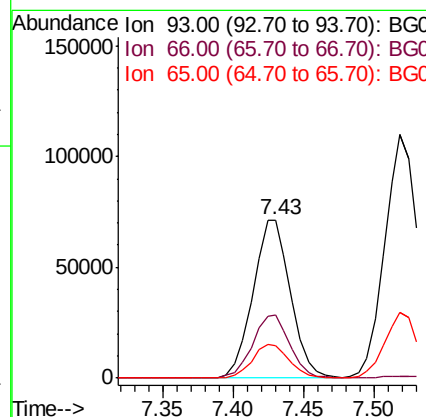
RT: 7.43 min Scan# 705

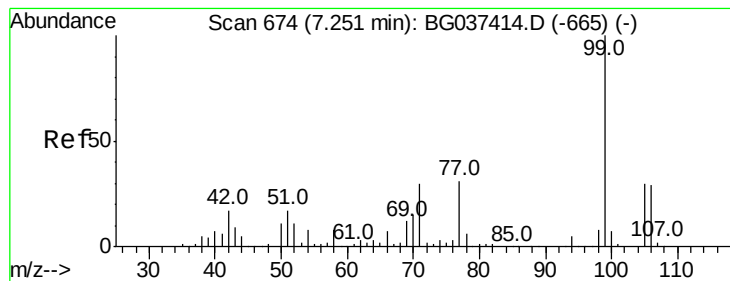
Delta R.T. -0.00 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Tgt Ion:	93	Resp:	132764
Ion Ratio	Lower	Upper	
93	100		
66	39.6	32.8	49.2
65	20.3	16.4	24.6





#7

Phenol-d6

Concen: 116.636 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

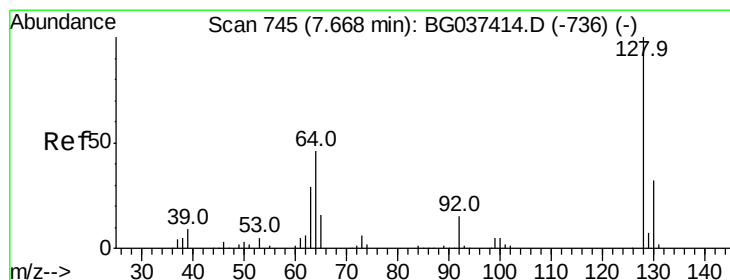
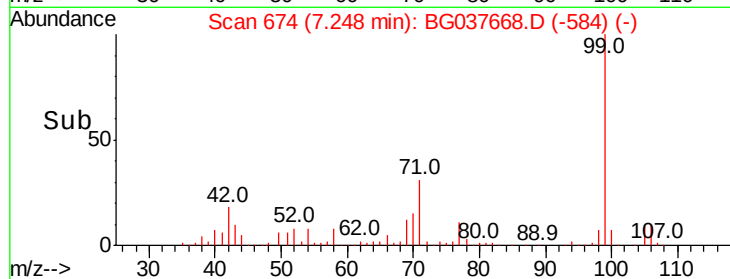
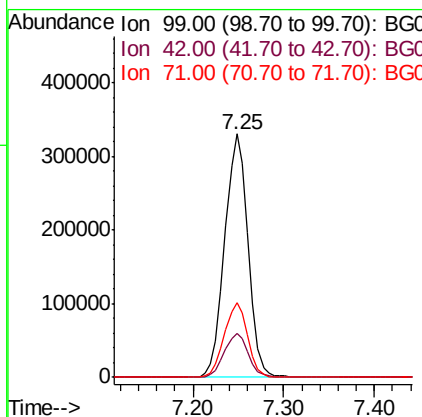
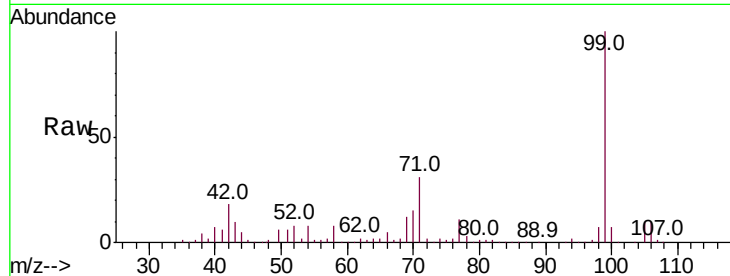
ClientSampleId :

HR-05-102618-AMS

Tot Ion:	99	Resp:	589135
Ion Ratio	Lower	Upper	
99	100		
42	18.2	15.0	22.4
71	30.8	25.5	38.3

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



#8

2-Chlorophenol

Concen: 48.994 ng

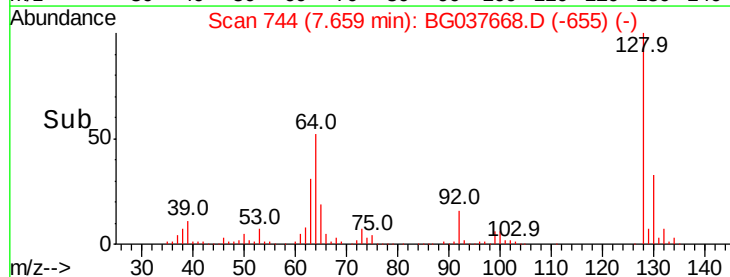
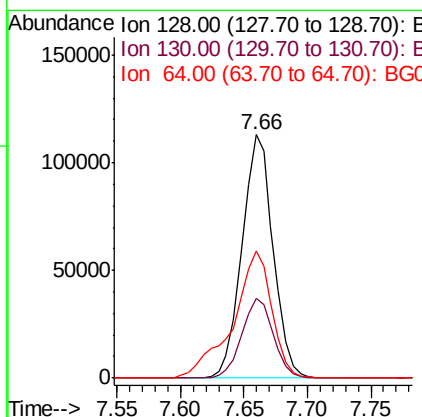
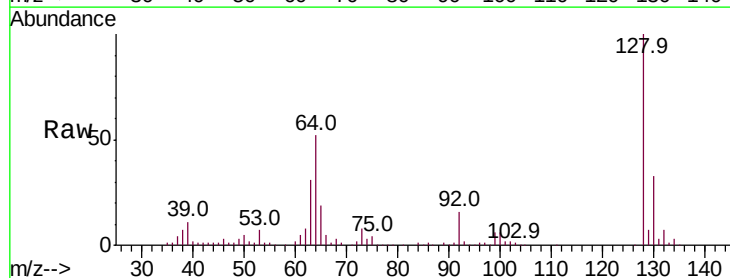
RT: 7.66 min Scan# 744

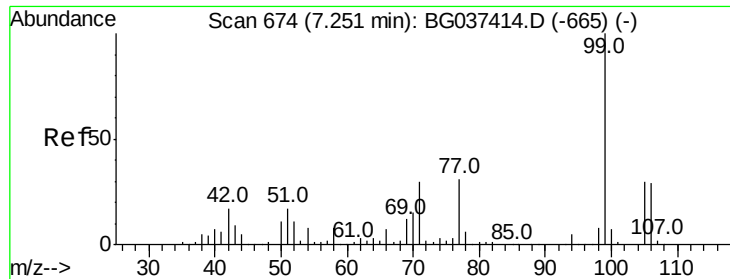
Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Tgt Ion:	128	Resp:	191455
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.0	52.0
64	52.4	32.9	72.9





#9

Benzaldehyde

Concen: 24.226 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

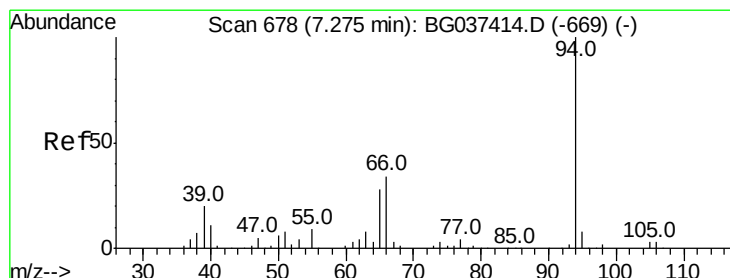
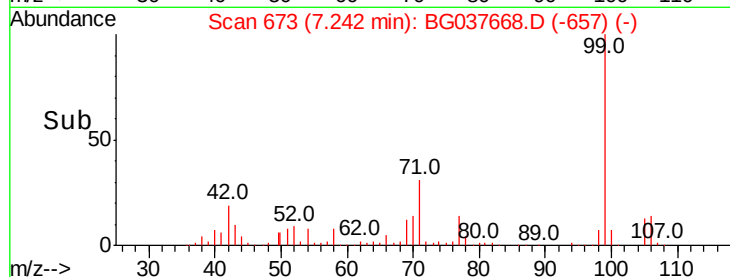
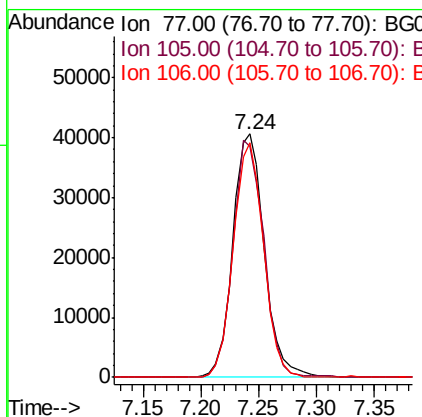
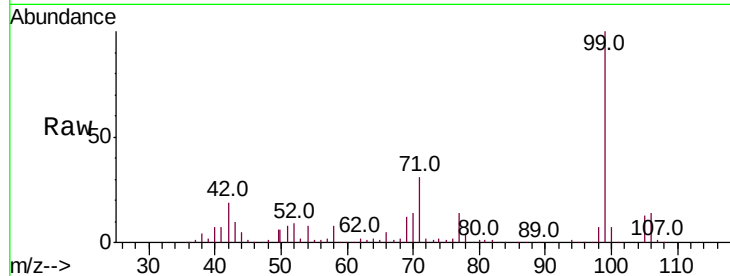
ClientSampleId :

HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.8	72.6	112.6
106	96.3	71.3	111.3

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



#10

Phenol

Concen: 42.909 ng

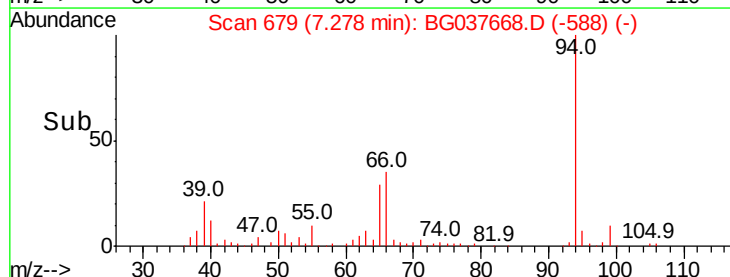
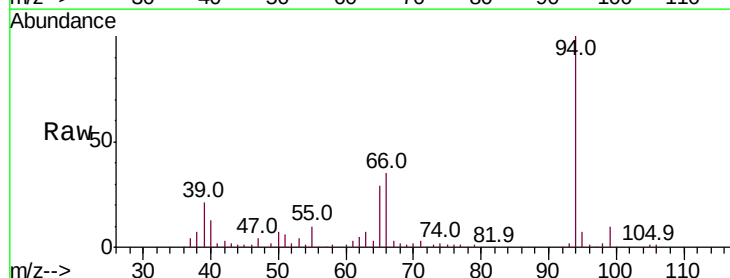
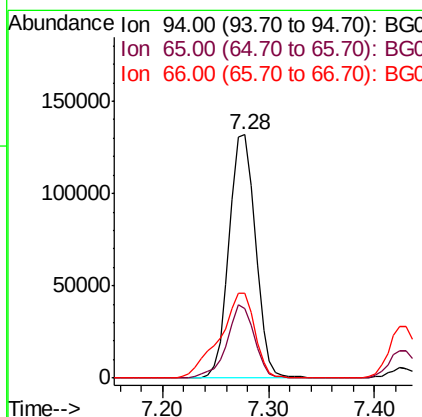
RT: 7.28 min Scan# 679

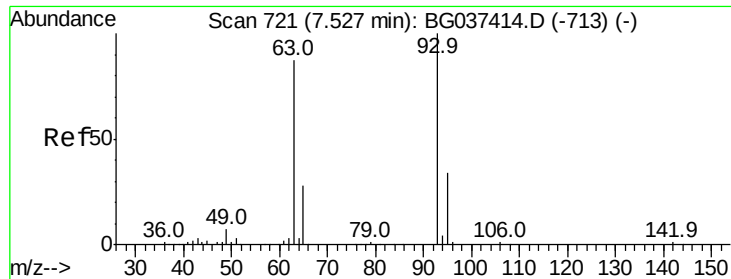
Delta R.T. 0.00 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.7	49.7
66	34.9	15.9	55.9





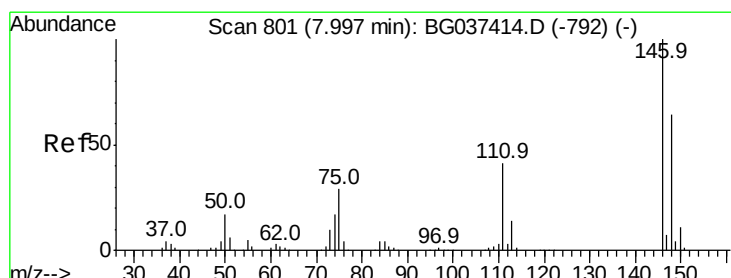
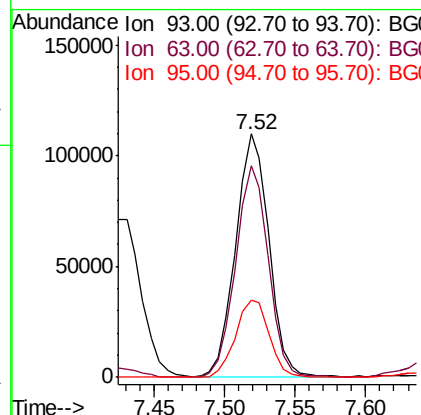
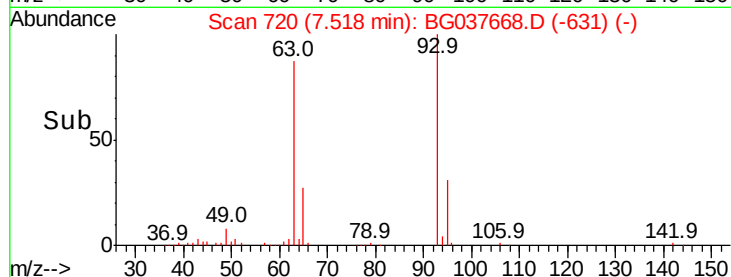
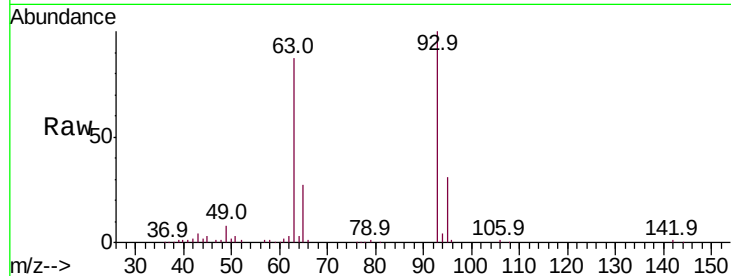
#11
bis(2-Chloroethyl)ether
Concen: 44.623 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	86.9	69.5	109.5	
95	31.5	12.6	52.6	

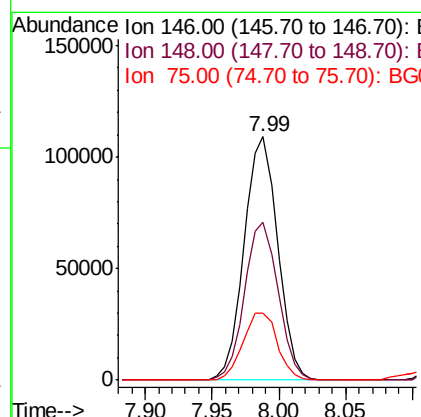
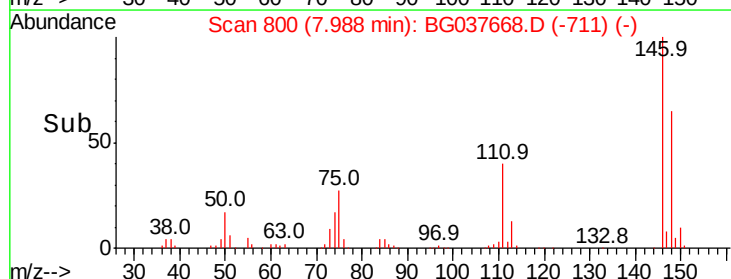
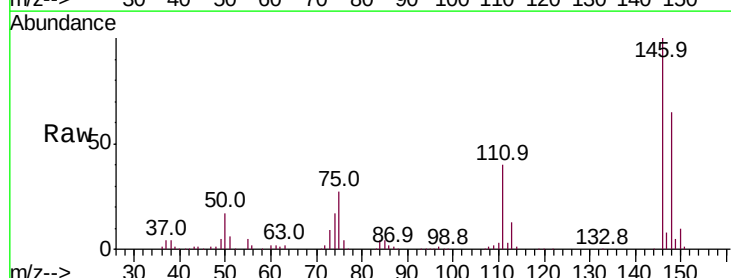
Manual Integrations
APPROVED

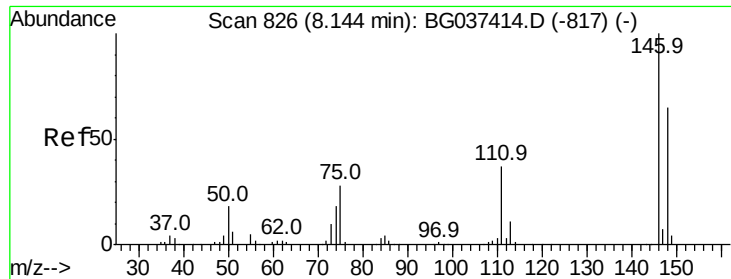
Sohil
10/31/2018 11:54:20 AM



#12
1,3-Dichlorobenzene
Concen: 43.576 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.0	49.8	74.8	
75	27.5	23.2	34.8	





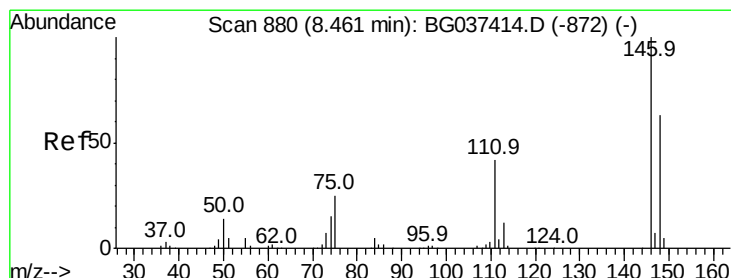
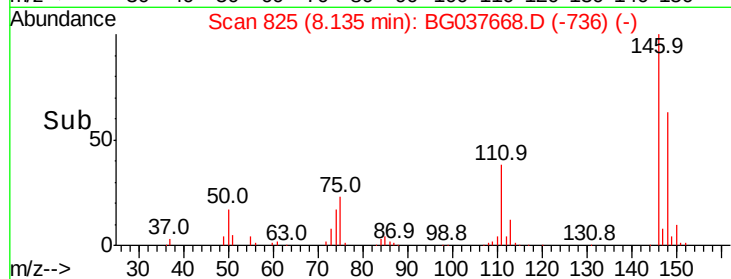
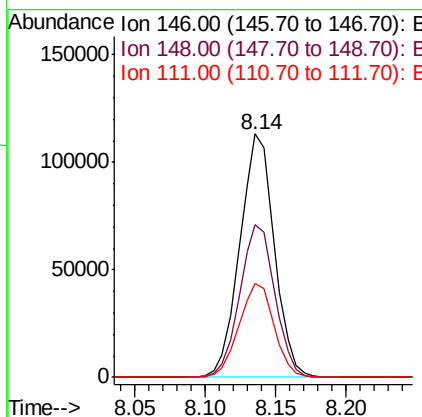
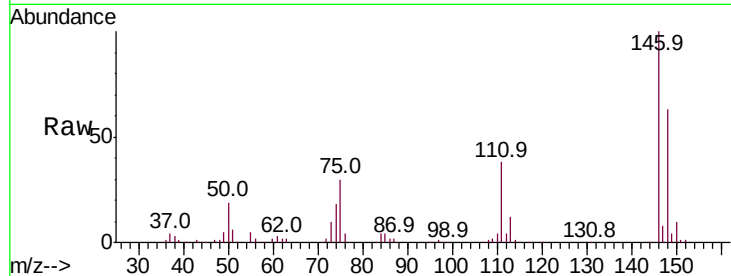
#13
 1,4-Dichlorobenzene
 Concen: 43.335 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.0	76.6
111	38.3	32.4	48.6

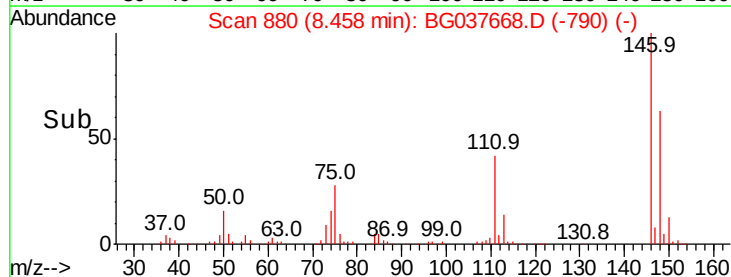
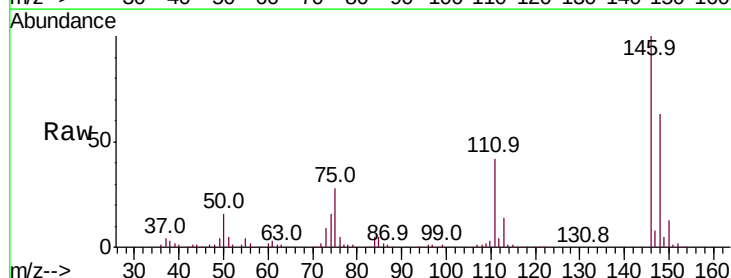
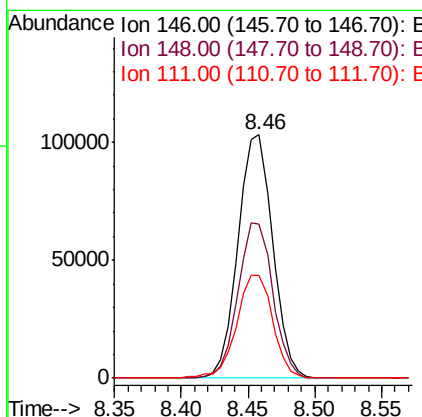
Manual Integrations
 APPROVED

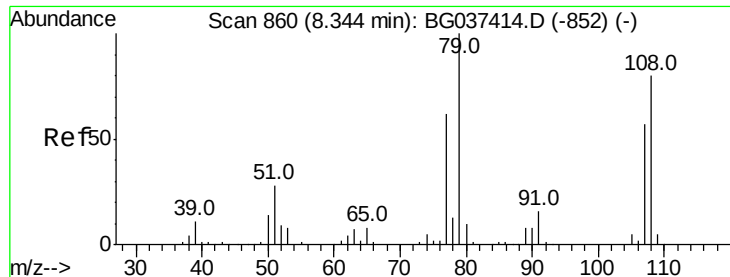
Sohil
 10/31/2018 11:54:20 AM



#14
 1,2-Dichlorobenzene
 Concen: 43.440 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	42.1	34.6	51.8





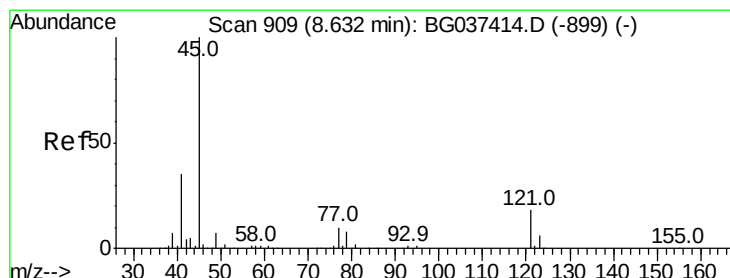
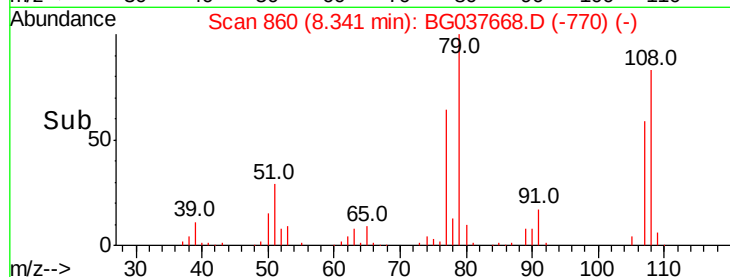
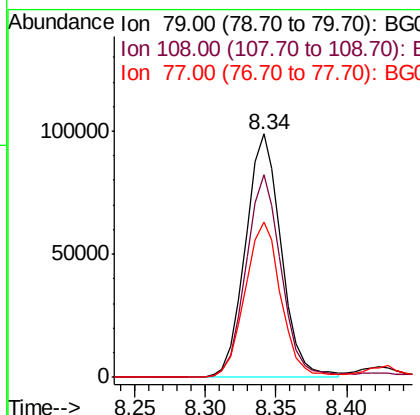
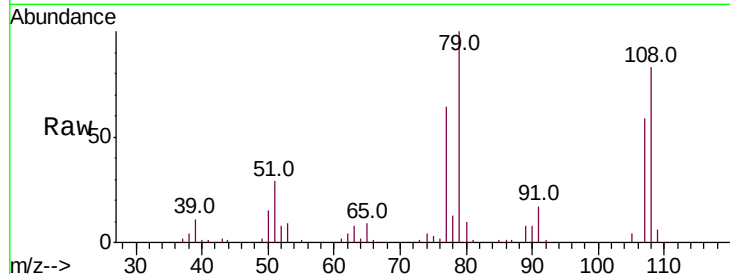
#15
Benzyl Alcohol
Concen: 46.883 ng
RT: 8.34 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.4	65.8	98.8
77	63.6	52.9	79.3

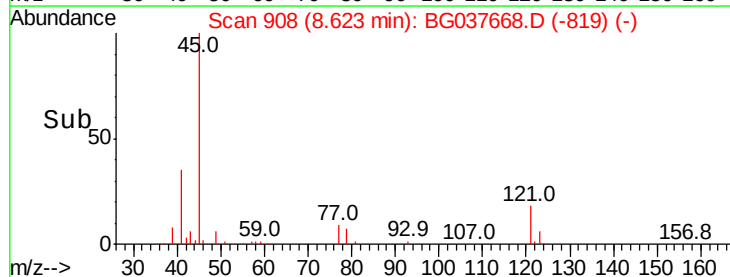
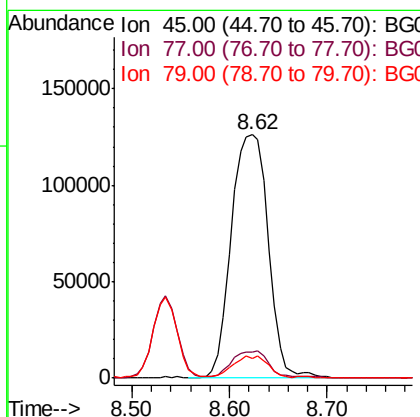
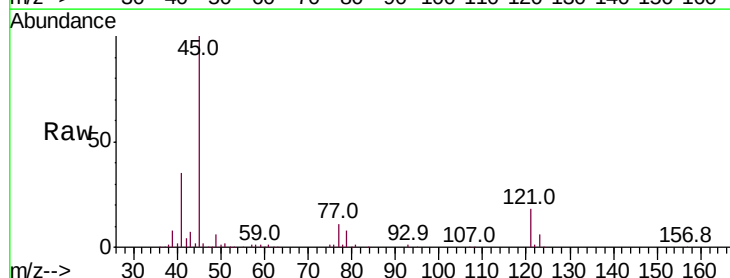
Manual Integrations
APPROVED

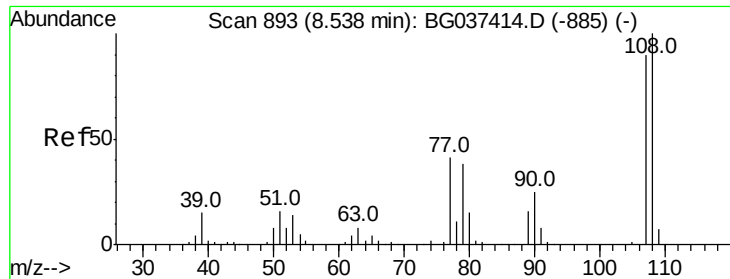
Sohil
10/31/2018 11:54:20 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.589 ng
RT: 8.62 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	30.0
79	7.8	0.0	29.0





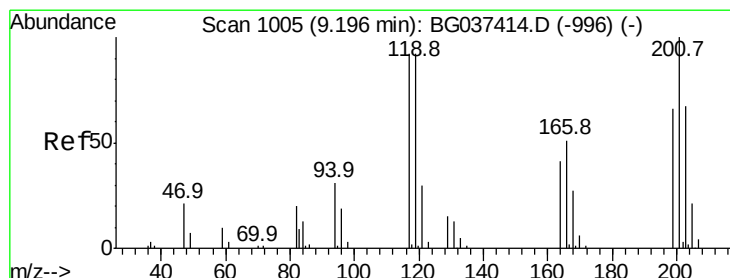
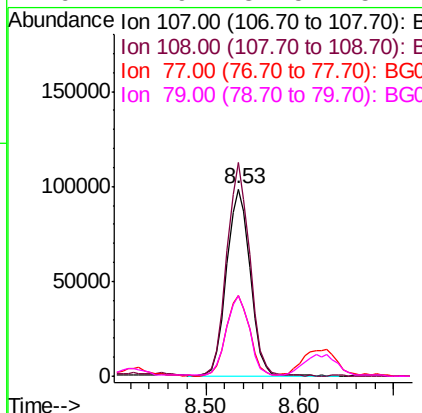
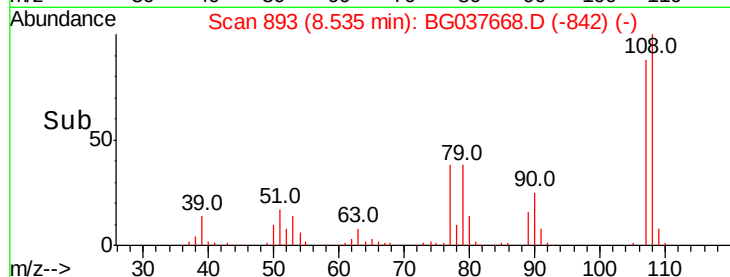
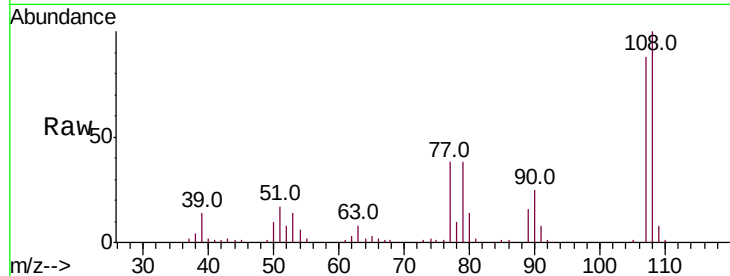
#17
2-Methylphenol
Concen: 48.535 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	171007		
108	114.2	87.9	131.9	
77	43.2	35.1	52.7	
79	42.9	34.5	51.7	

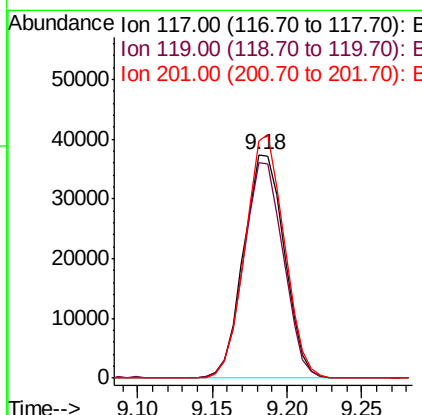
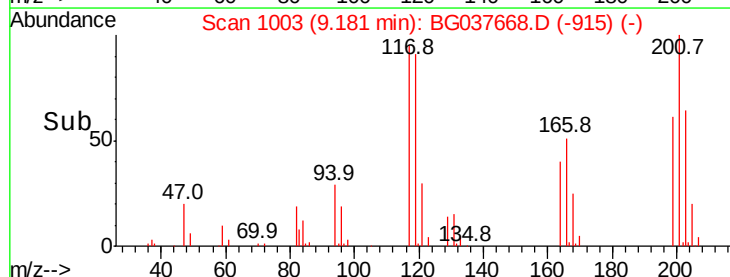
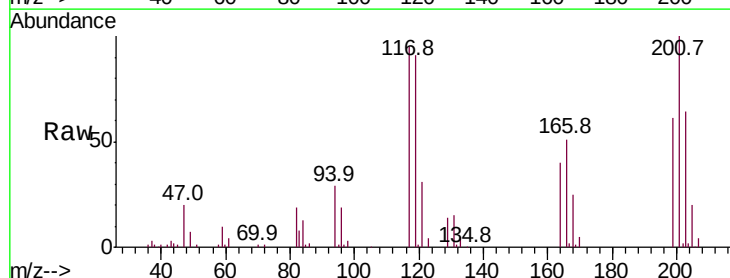
Manual Integrations
APPROVED

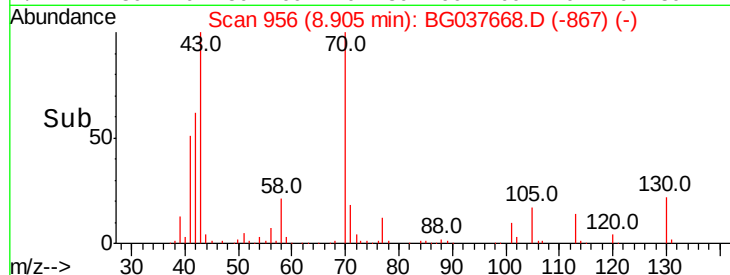
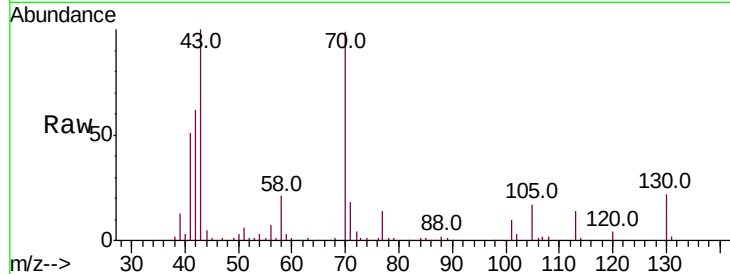
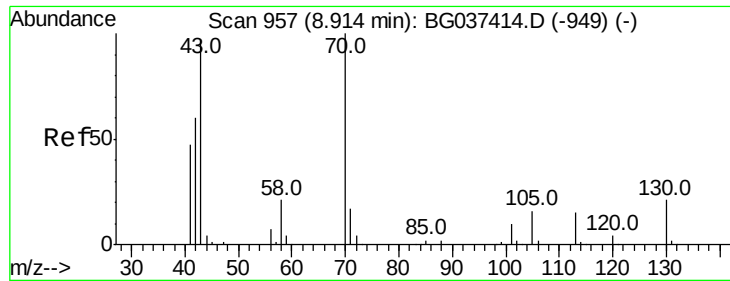
Sohil
10/31/2018 11:54:20 AM



#18
Hexachloroethane
Concen: 46.387 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70373		
119	96.3	74.6	111.8	
201	105.8	80.8	121.2	





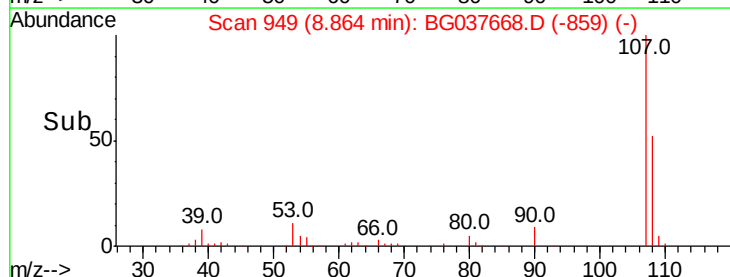
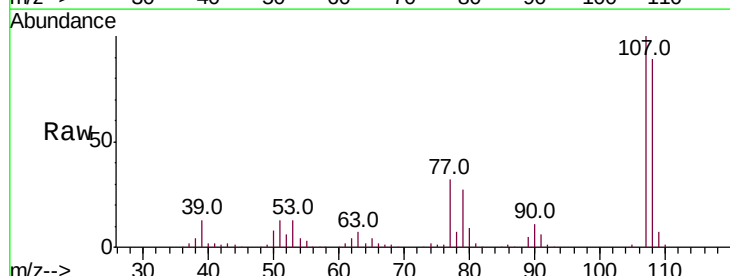
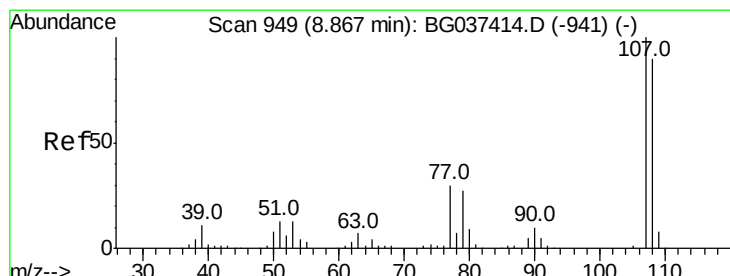
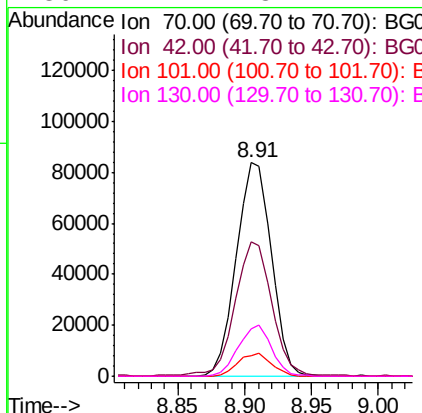
#19
n-Nitroso-di-n-propylamine
Concen: 43.845 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.7	53.9	80.9
101	9.9	8.2	12.2
130	22.1	18.2	27.4

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

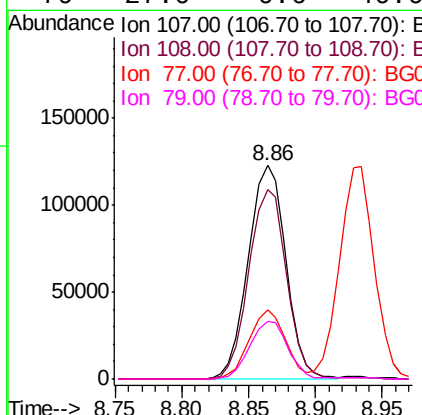
Manual Integrations
APPROVED

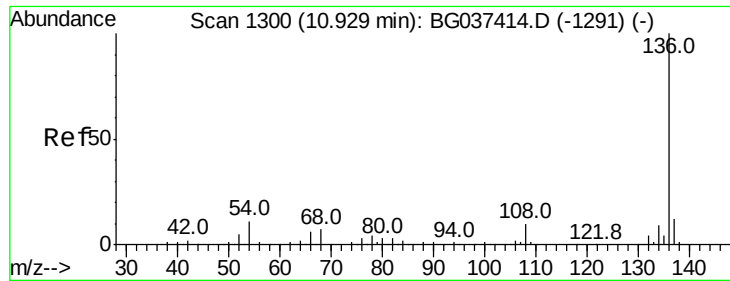
Sohil
10/31/2018 11:54:20 AM



#20
3+4-Methylphenols
Concen: 47.604 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.9	109.9
77	32.2	11.2	51.2
79	27.0	6.6	46.6





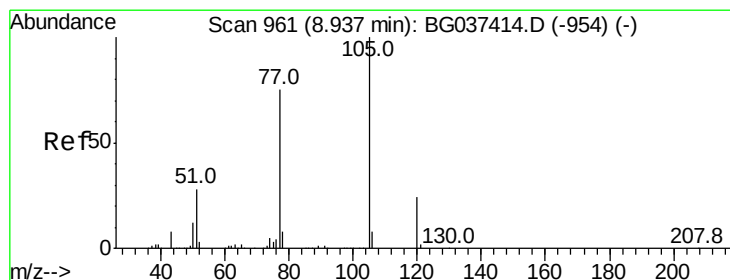
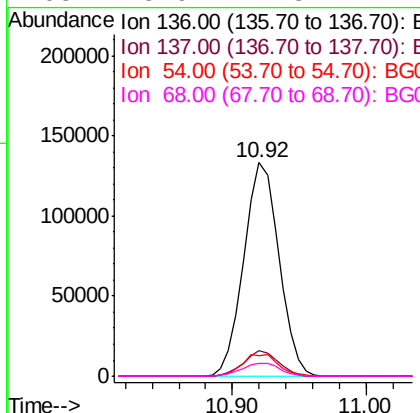
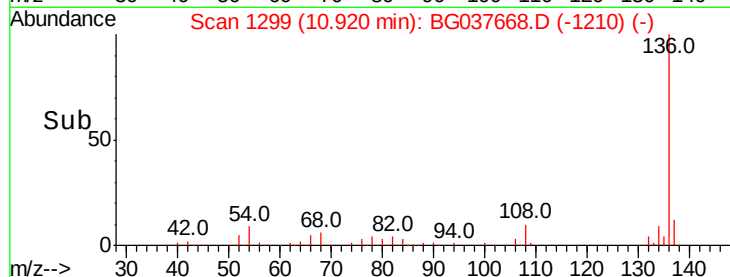
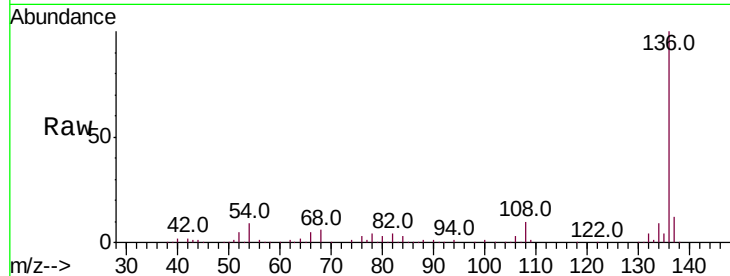
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	243509		
137	11.9	9.6	14.4	
54	9.5	7.9	11.9	
68	5.9	4.8	7.2	

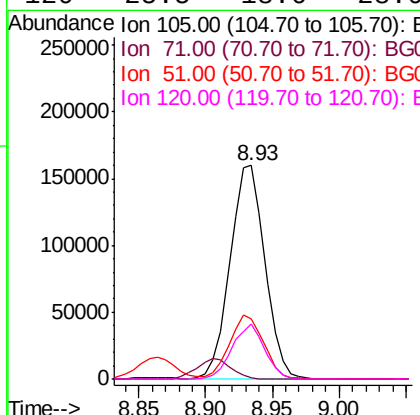
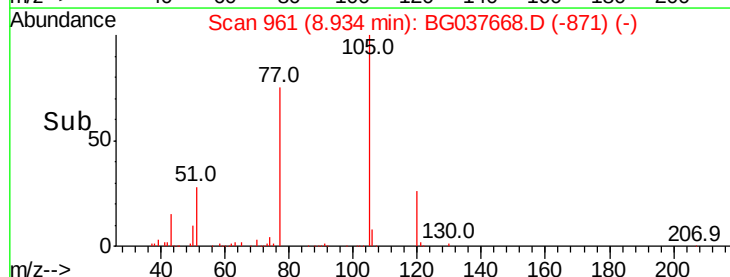
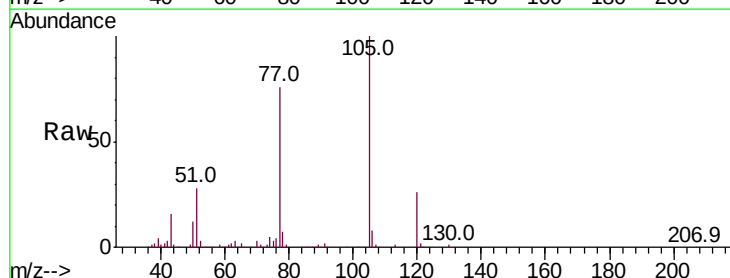
Manual Integrations
APPROVED

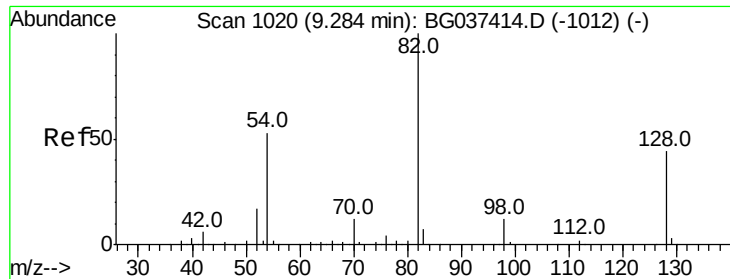
Sohil
10/31/2018 11:54:20 AM



#22
Acetophenone
Concen: 47.426 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	289636		
71	0.6	1.2	1.8#	
51	28.3	25.0	37.6	
120	25.5	18.6	28.0	





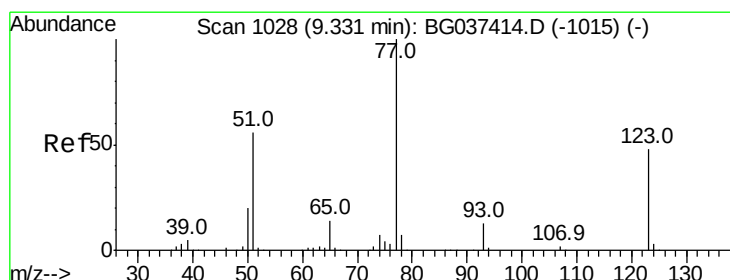
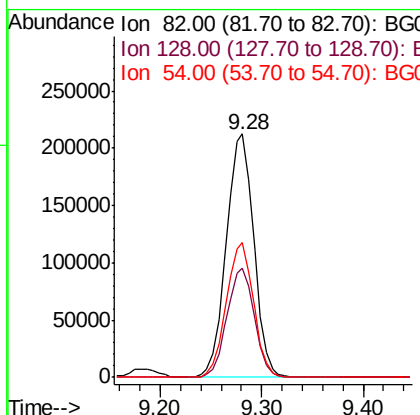
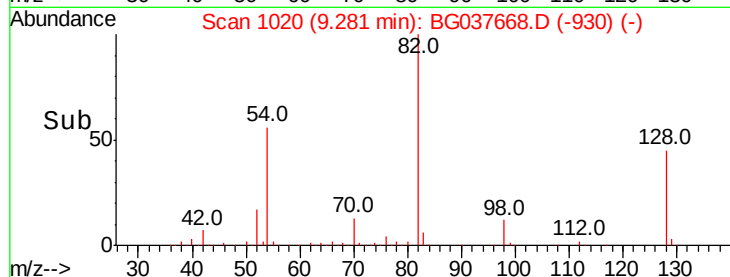
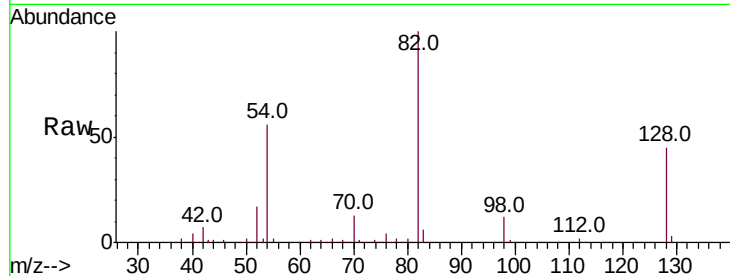
#23
Nitrobenzene-d5
Concen: 91.728 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.6	34.6	51.8	
54	55.6	45.3	67.9	

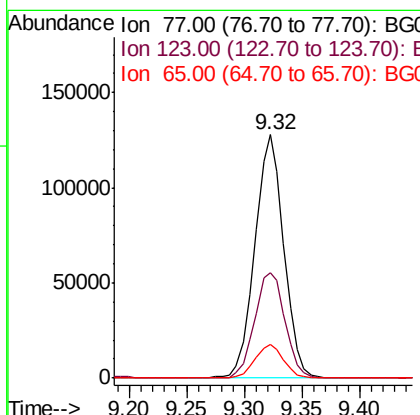
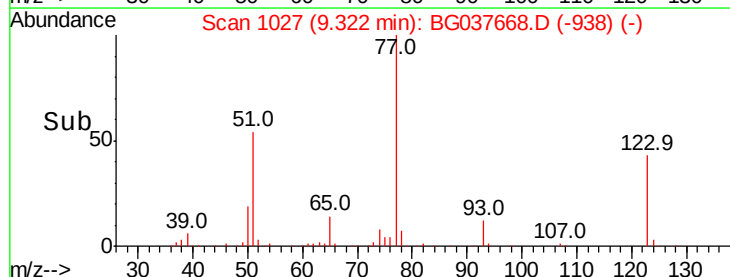
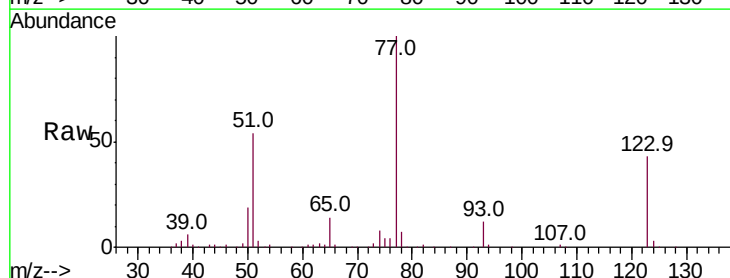
Manual Integrations
APPROVED

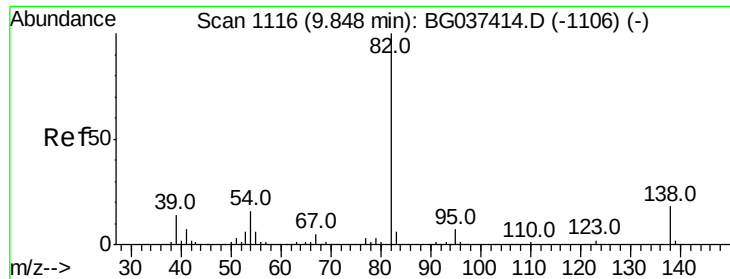
Sohil
10/31/2018 11:54:20 AM



#24
Nitrobenzene
Concen: 49.350 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.4	33.6	50.4	
65	13.6	11.3	16.9	





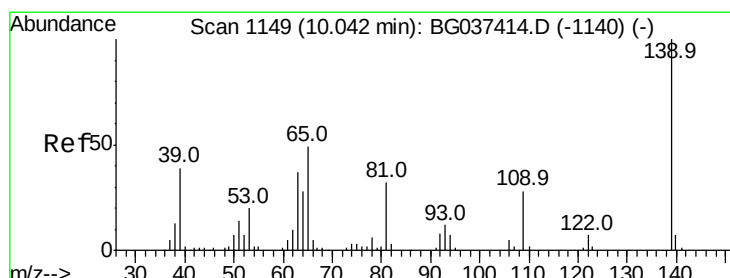
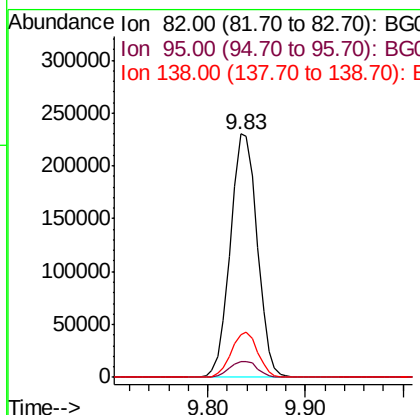
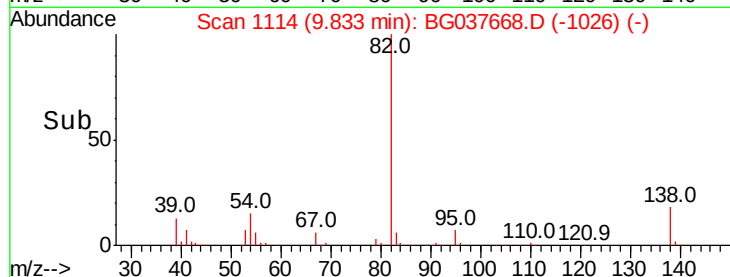
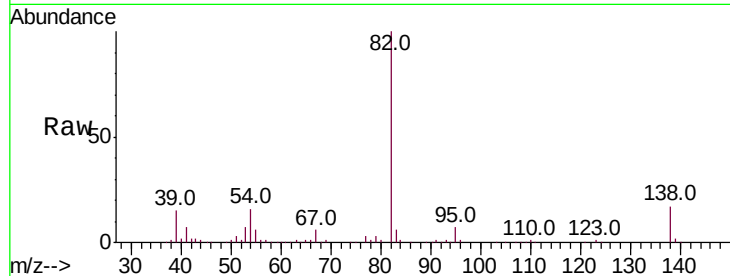
#25
Isophorone
Concen: 55.549 ng
RT: 9.83 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.6	5.3	7.9	
138	17.5	13.3	19.9	

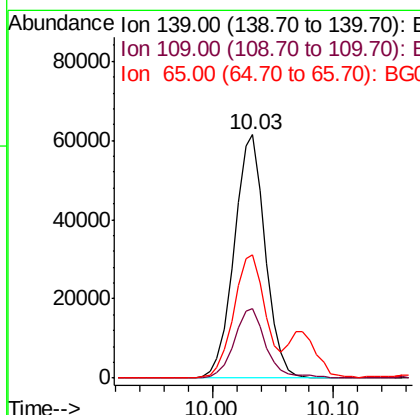
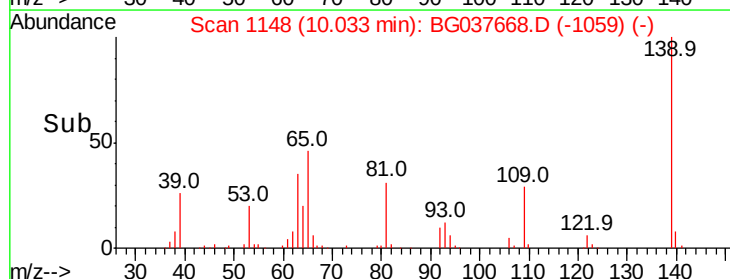
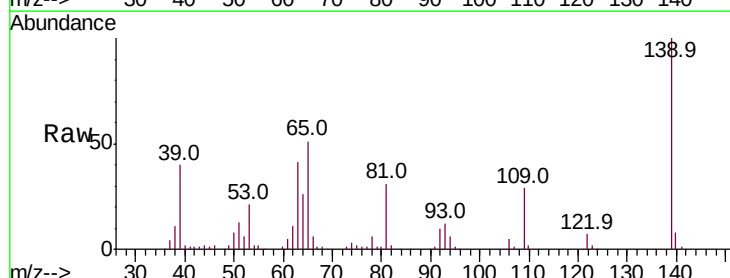
Manual Integrations
APPROVED

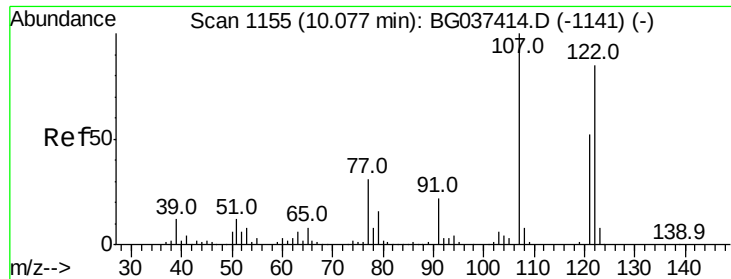
Sohil
10/31/2018 11:54:20 AM



#26
2-Nitrophenol
Concen: 53.992 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.6	23.3	34.9	
65	50.9	39.8	59.8	





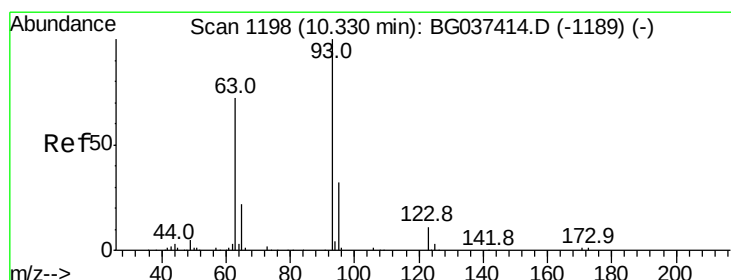
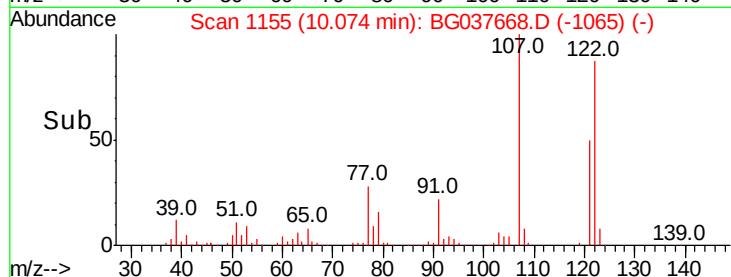
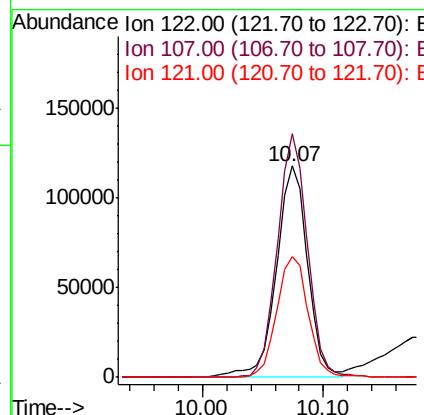
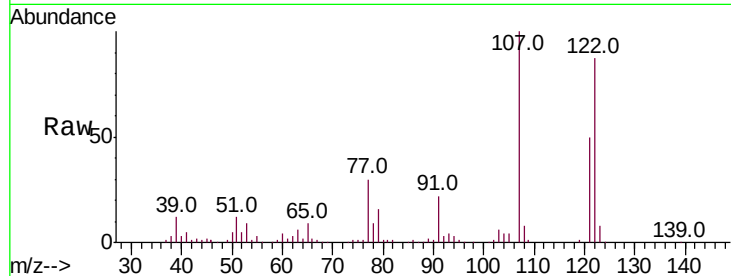
#27
 2,4-Dimethylphenol
 Concen: 57.798 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	94.2	141.2
121	57.2	47.3	70.9

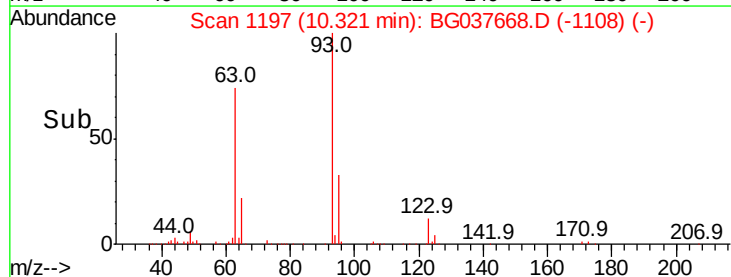
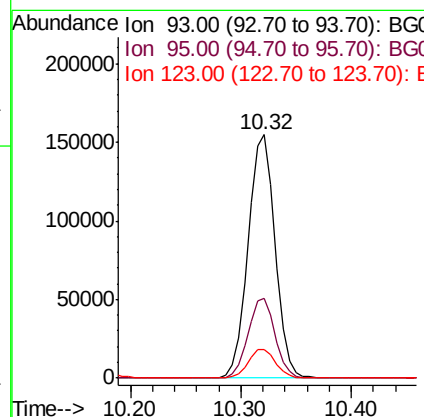
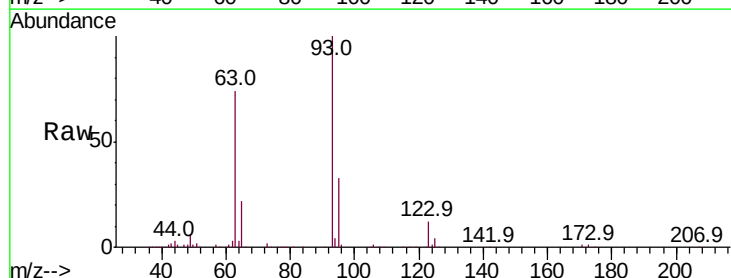
Manual Integrations
 APPROVED

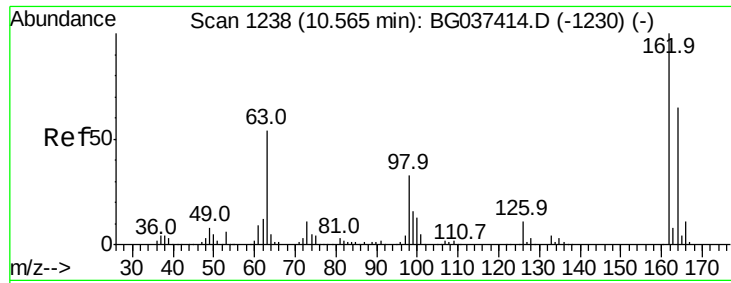
Sohil
 10/31/2018 11:54:20 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.968 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.6	37.0
123	11.6	9.1	13.7





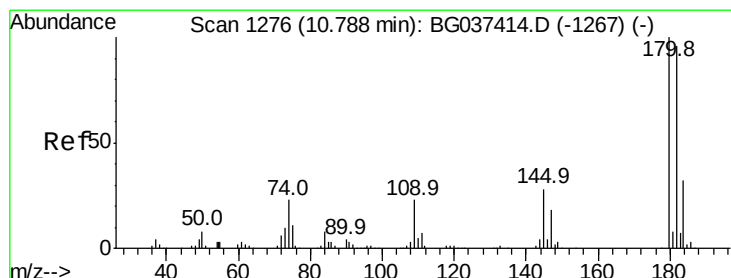
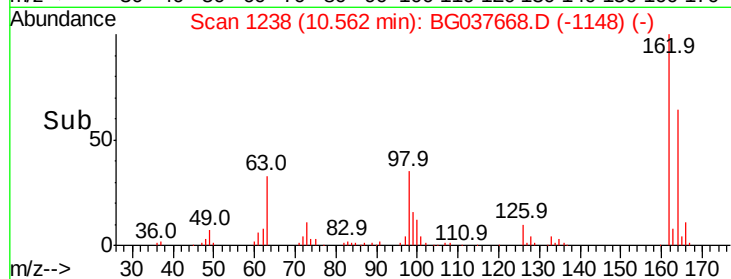
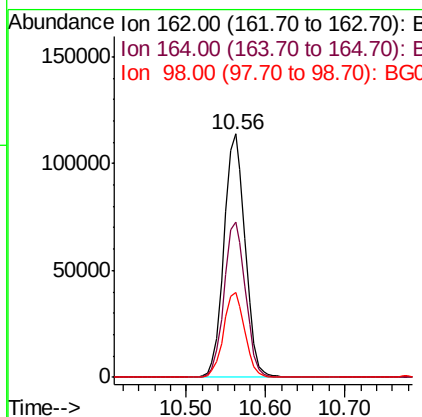
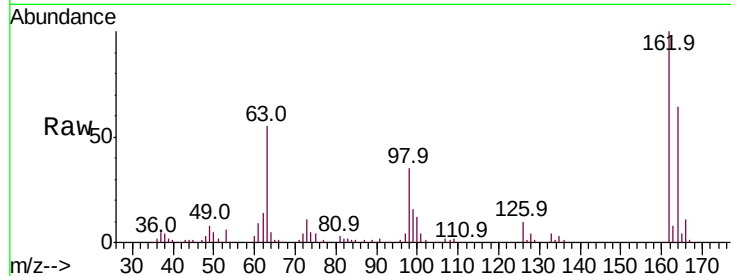
#29
 2,4-Dichlorophenol
 Concen: 51.975 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion:	162	Resp:	210194
Ion Ratio	Lower	Upper	
162	100		
164	63.6	43.2	83.2
98	34.9	16.0	56.0

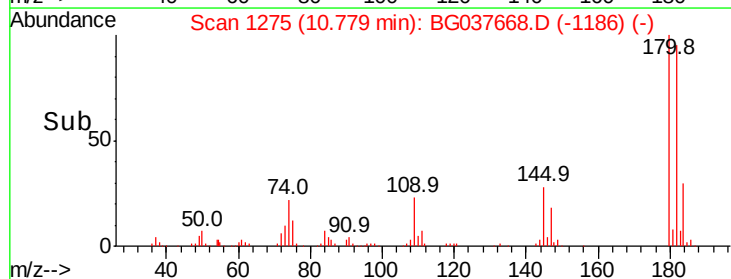
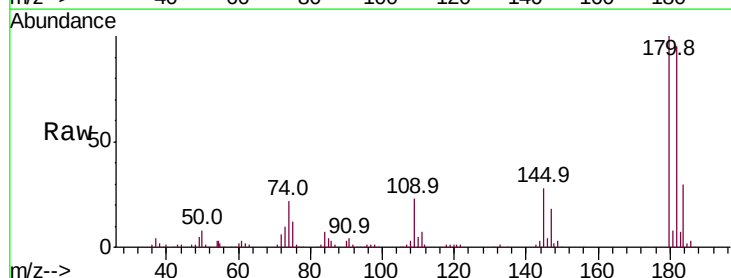
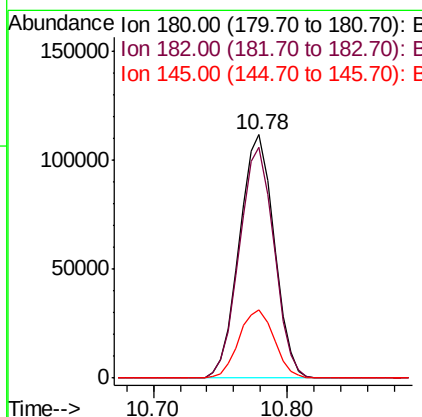
Manual Integrations
 APPROVED

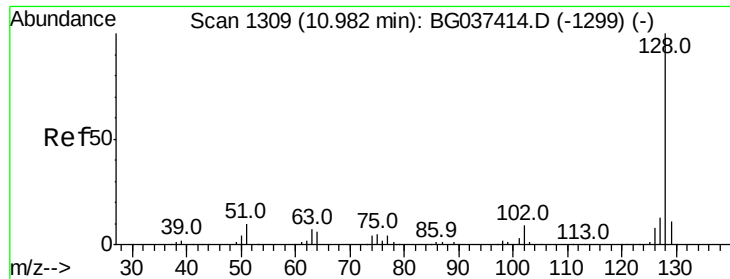
Sohil
 10/31/2018 11:54:20 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.794 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Tgt Ion:	180	Resp:	201400
Ion Ratio	Lower	Upper	
180	100		
182	94.7	77.7	116.5
145	28.1	23.3	34.9





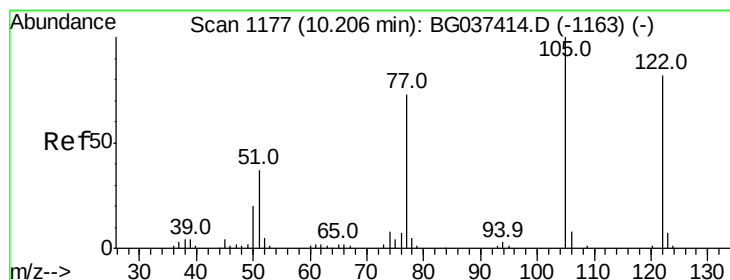
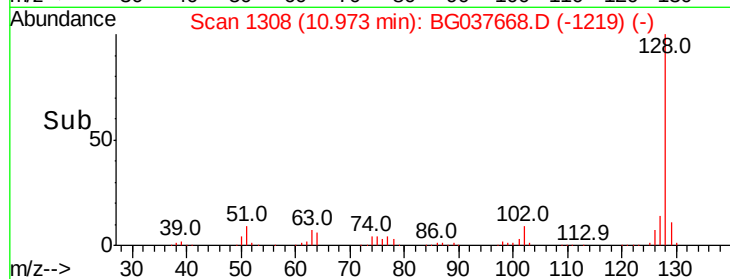
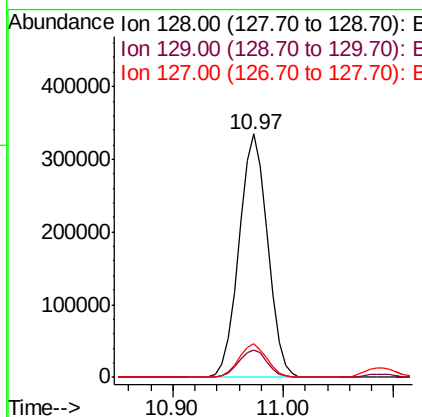
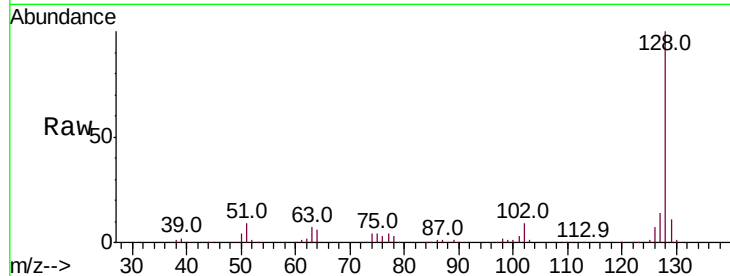
#31
Naphthalene
Concen: 50.954 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.8	11.1	16.7

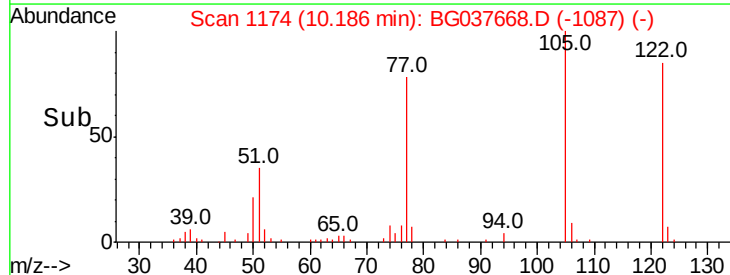
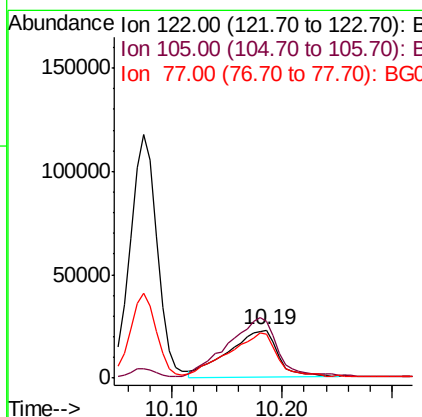
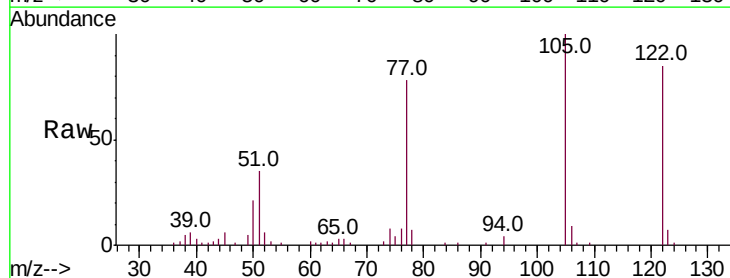
Manual Integrations
APPROVED

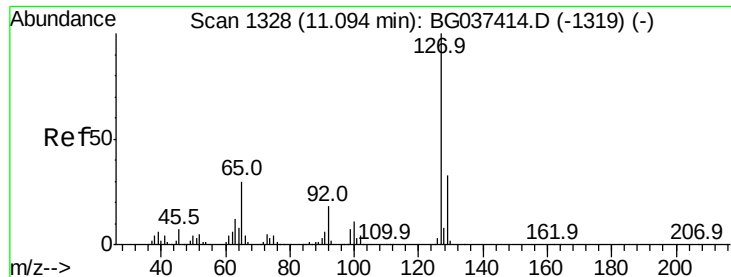
Sohil
10/31/2018 11:54:20 AM



#32
Benzoic acid
Concen: 30.010 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.2	106.7	146.7
77	91.2	72.2	112.2





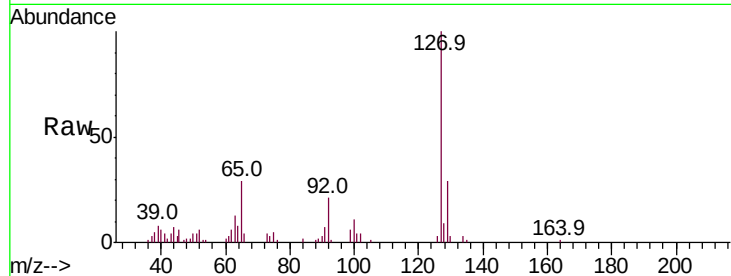
#33
4-Chloroaniline
Concen: 4.997 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.4	27.1	40.7	
65	28.8	26.6	39.8	
92	20.9	16.4	24.6	

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



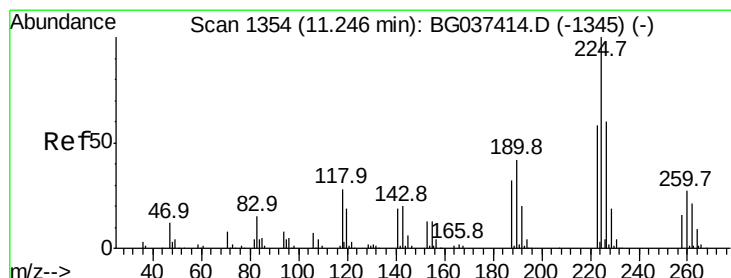
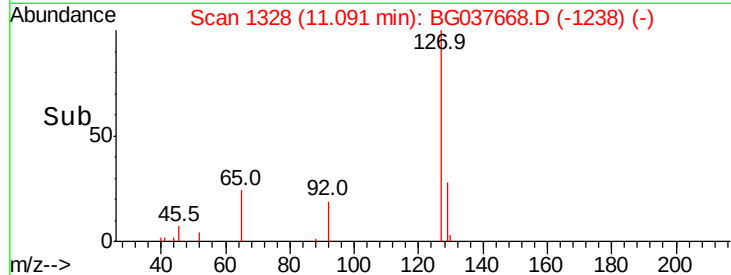
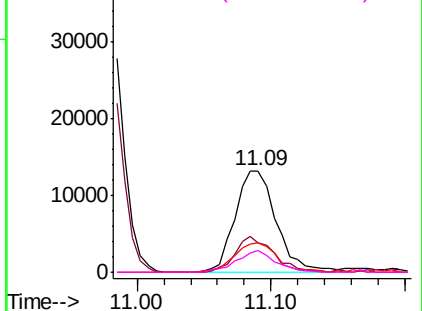
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 43.860 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

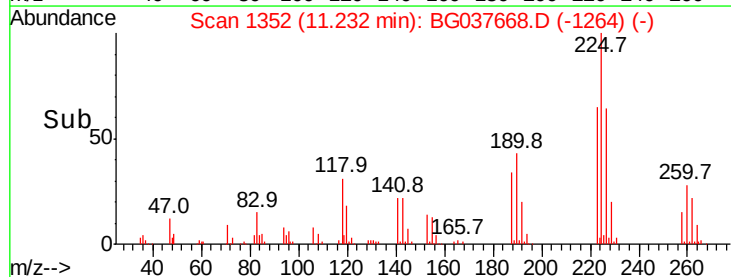
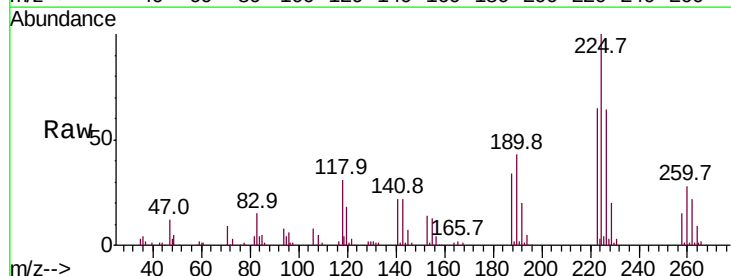
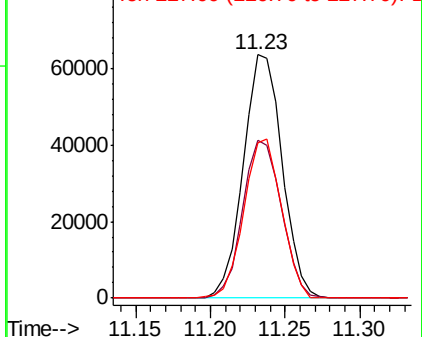
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.2	48.2	72.4	
227	64.5	51.6	77.4	

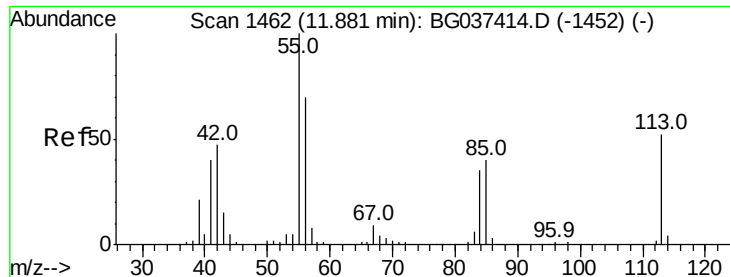
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





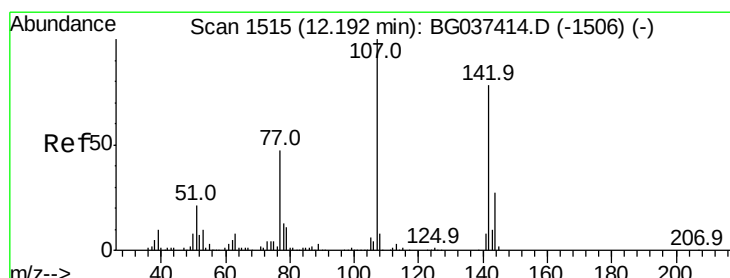
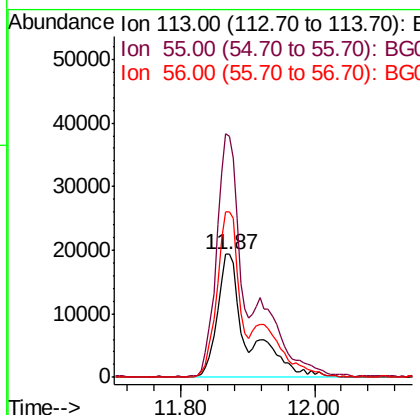
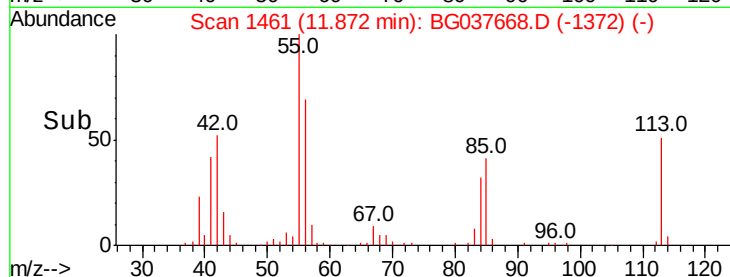
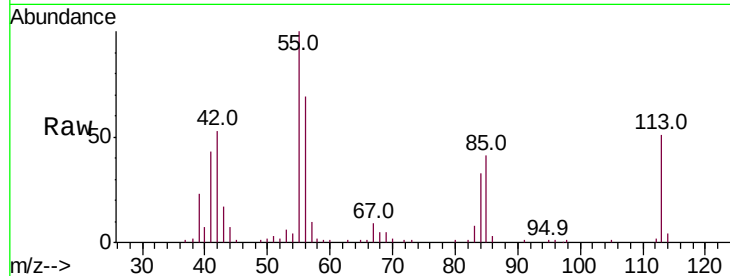
#35
 Caprolactam
 Concen: 37.780 ng/ml
 RT: 11.87 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion: 113 Resp: 61278
 Ion Ratio Lower Upper
 113 100
 55 195.4 176.6 216.6
 56 134.6 128.3 168.3

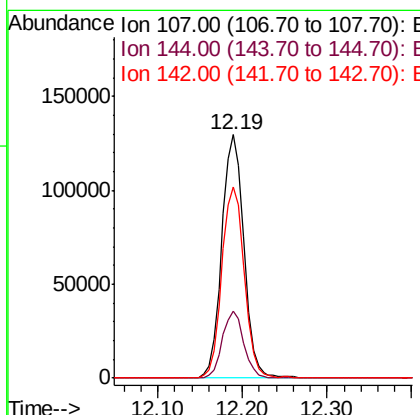
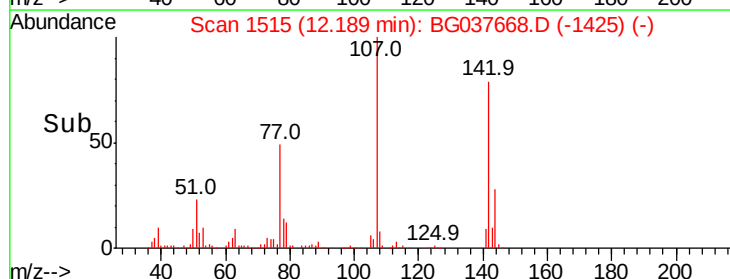
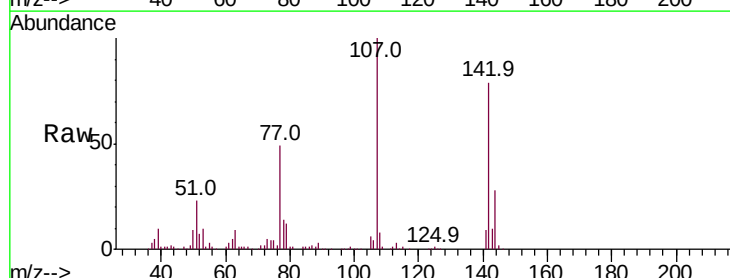
Manual Integrations
 APPROVED

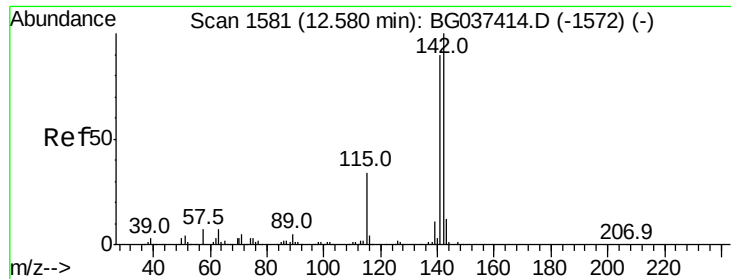
Sohil
 10/31/2018 11:54:20 AM



#36
 4-Chloro-3-methylphenol
 Concen: 51.547 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Tgt Ion: 107 Resp: 235101
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.7 31.1
 142 78.6 64.4 96.6





#37

2-Methylnaphthalene

Concen: 52.773 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG037668.D

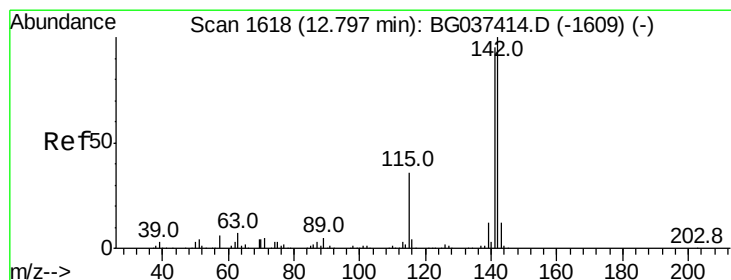
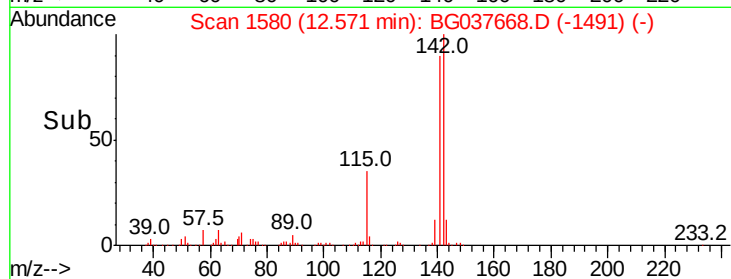
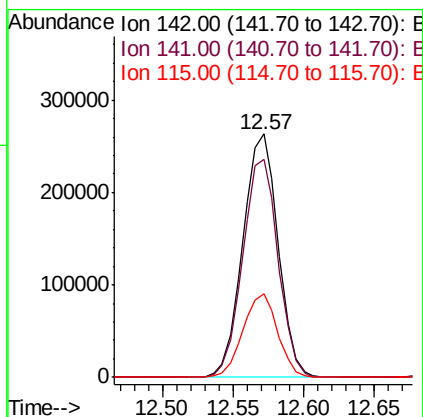
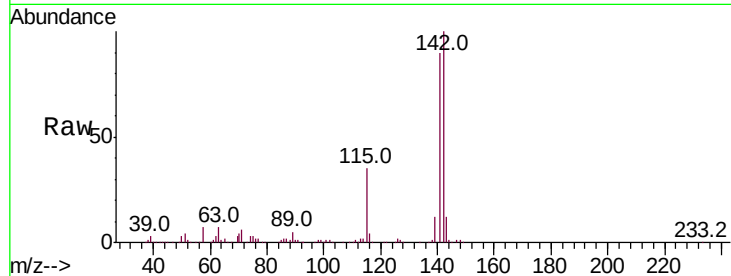
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	460118		
141	89.6	71.9	107.9	
115	34.6	27.8	41.8	

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



#38

1-Methylnaphthalene

Concen: 52.029 ng

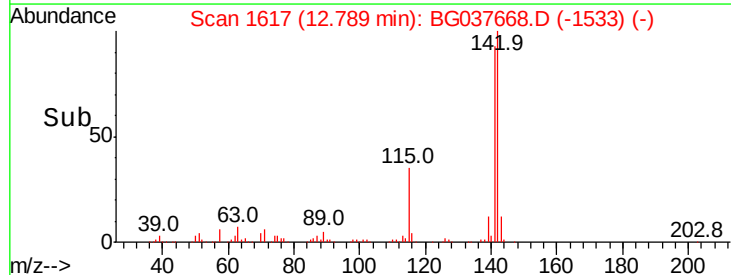
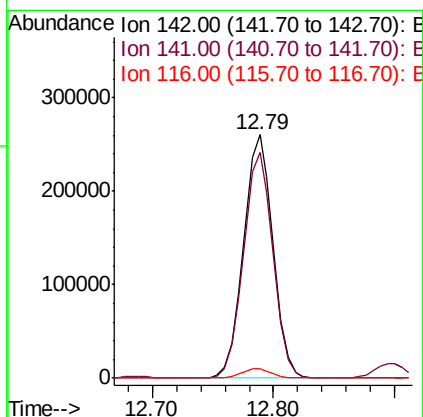
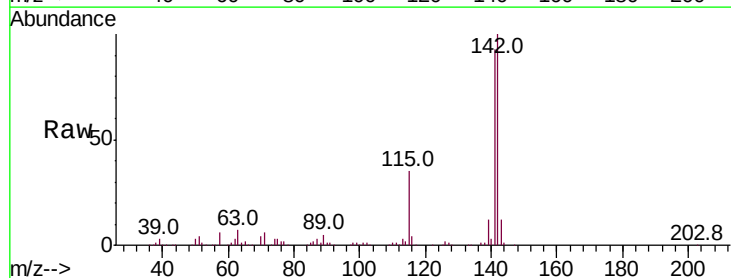
RT: 12.79 min Scan# 1617

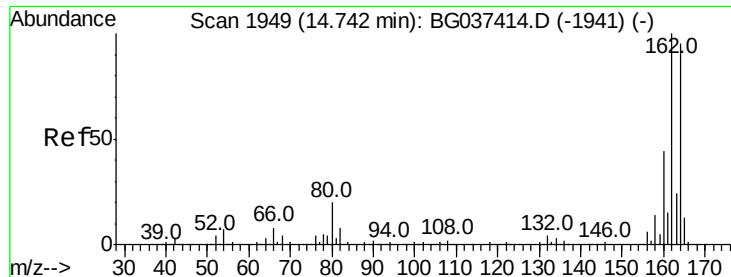
Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	440541		
141	92.8	75.2	112.8	
116	3.8	3.3	4.9	





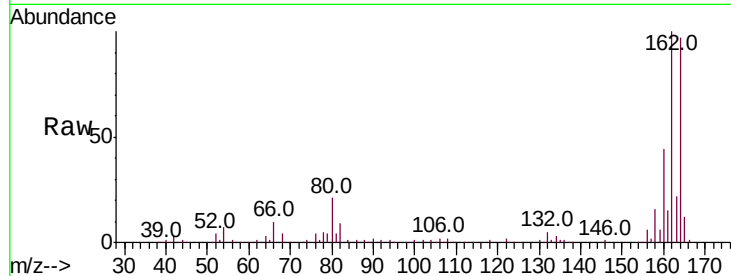
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	81.3	121.9	
160	45.3	36.3	54.5	

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:54:20 AM

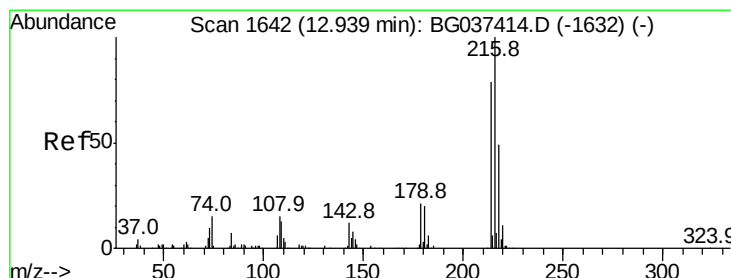
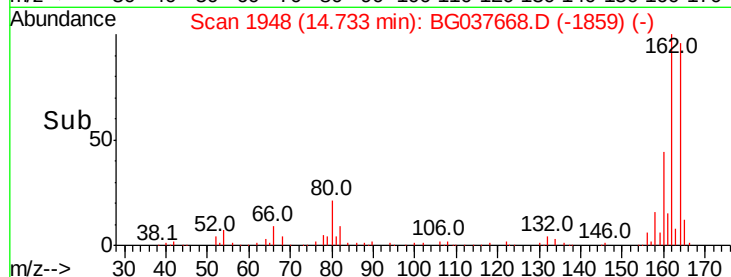
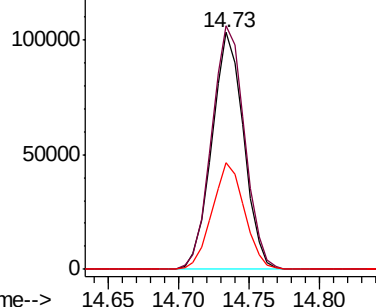


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.382 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.8	95.6	
179	21.2	17.4	26.0	
108	18.7	13.9	20.9	

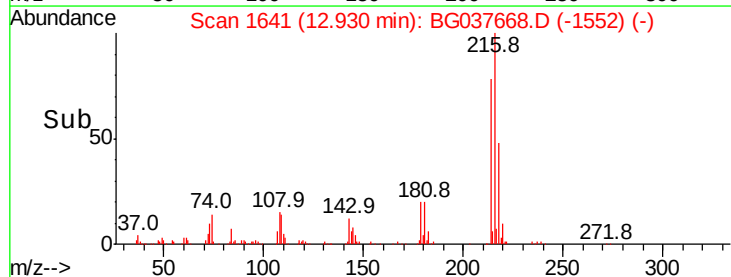
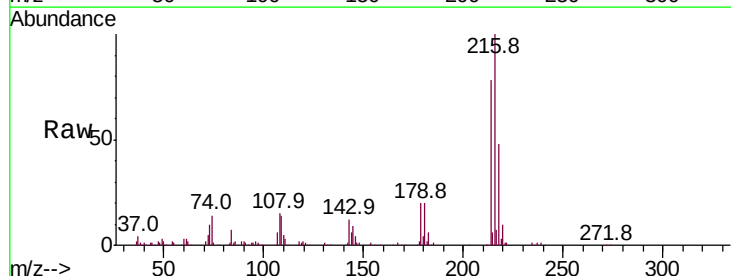
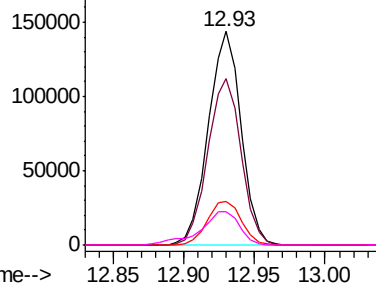
Abundance

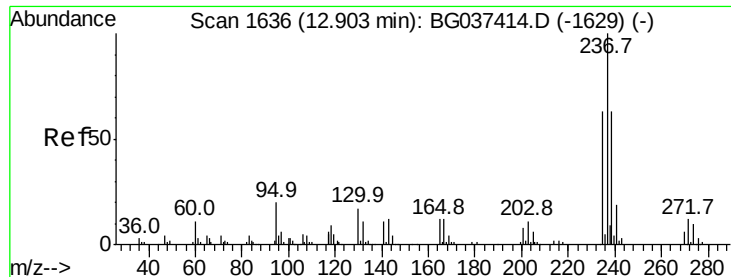
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





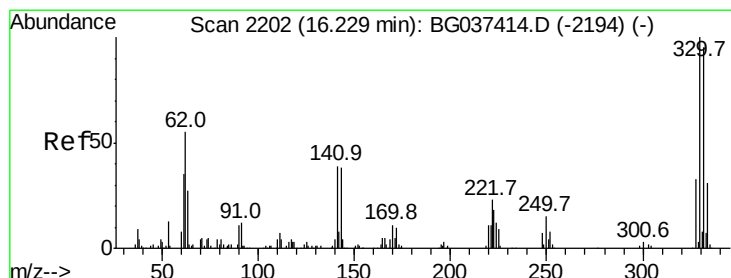
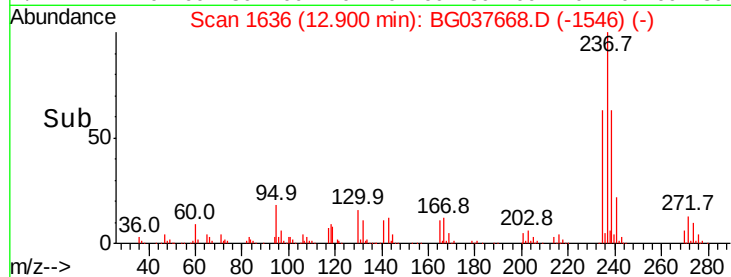
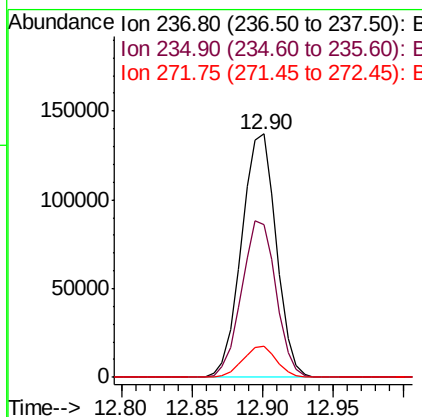
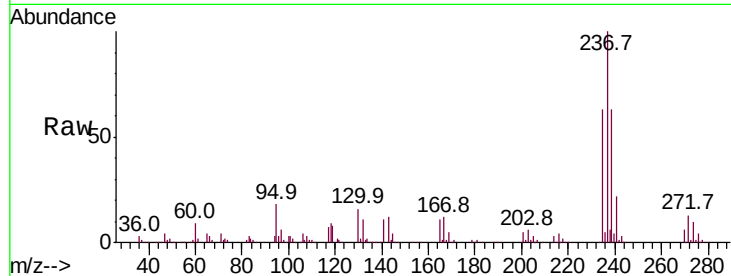
#41
Hexachlorocyclopentadiene
Concen: 94.125 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.7	42.5	82.5
272	12.7	0.0	31.6

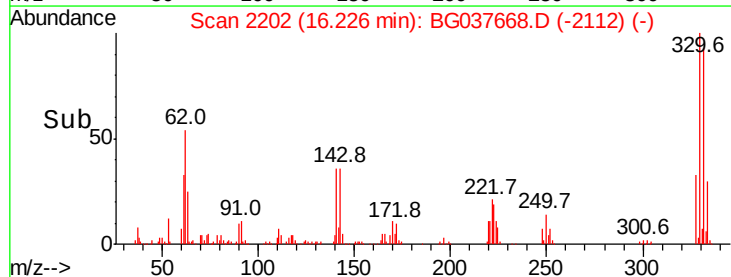
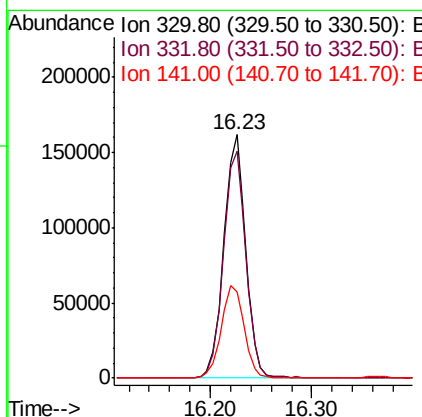
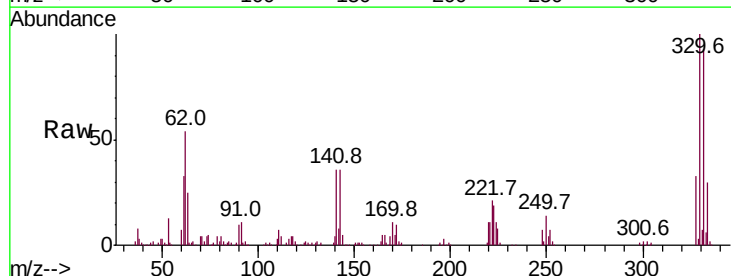
Manual Integrations
APPROVED

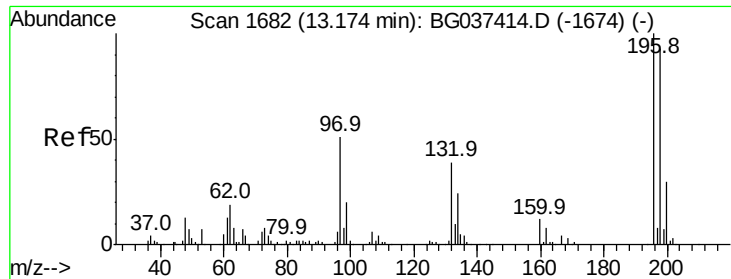
Sohil
10/31/2018 11:54:20 AM



#42
2,4,6-Tribromophenol
Concen: 137.012 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	78.4	117.6
141	40.0	32.2	48.2





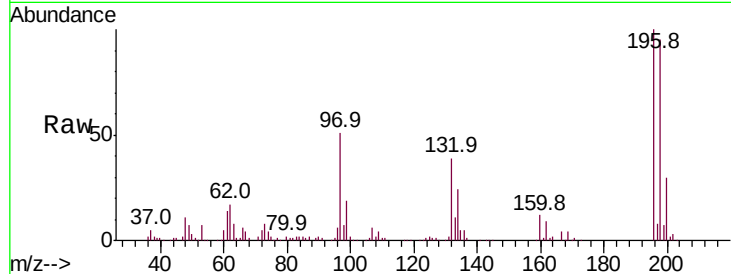
#43
 2,4,6-Trichlorophenol
 Concen: 51.518 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	180471		
198	95.2	76.4	114.6	
200	30.3	24.9	37.3	

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:54:20 AM

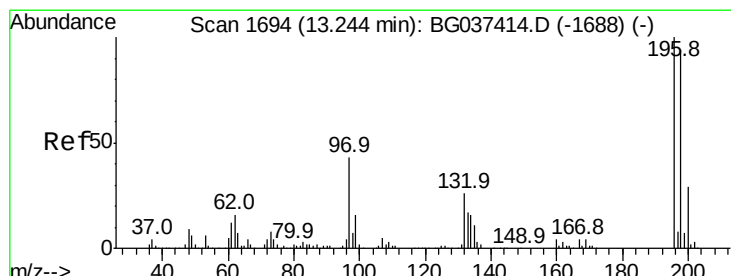
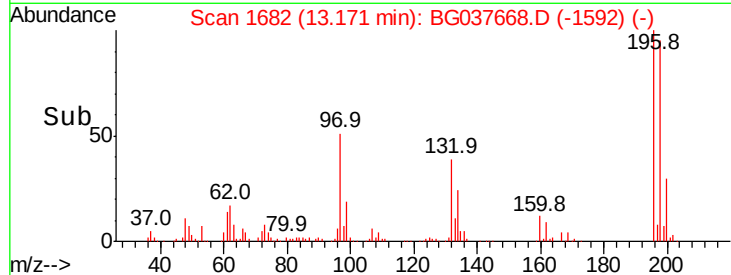
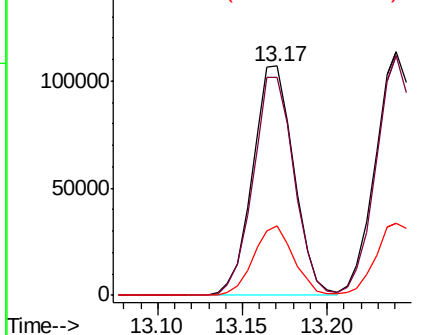


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 50.581 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192918		
198	98.5	74.2	111.2	
97	44.4	34.1	51.1	
132	23.6	20.2	30.4	

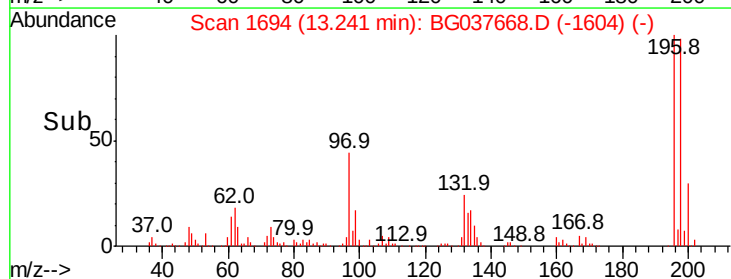
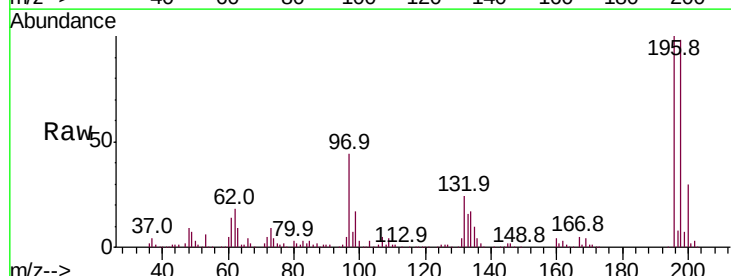
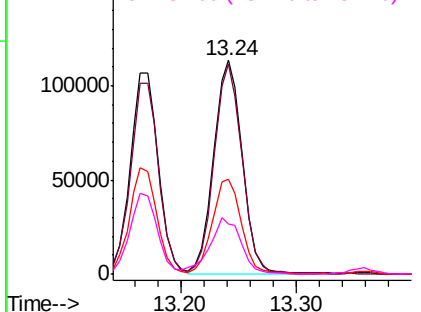
Abundance

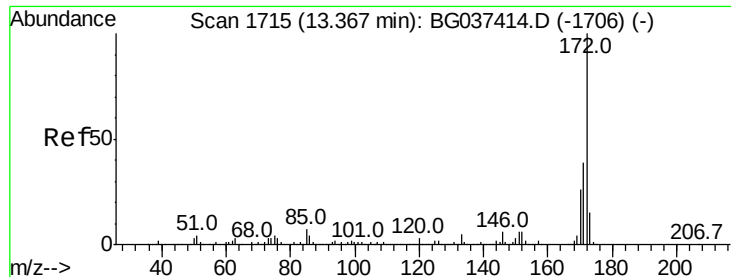
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





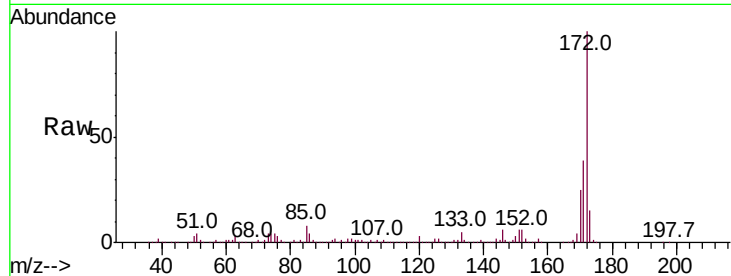
#45
2-Fluorobiphenyl
Concen: 86.728 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.1	20.2	30.2

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM

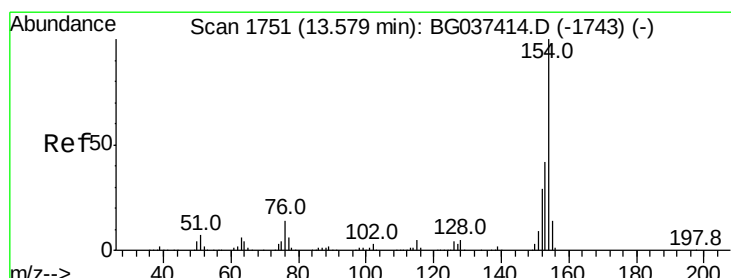
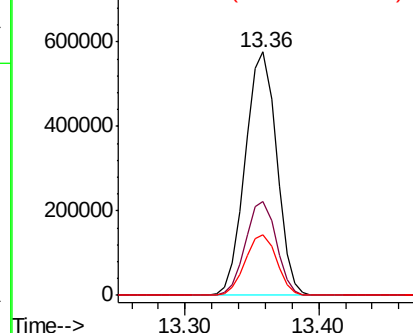
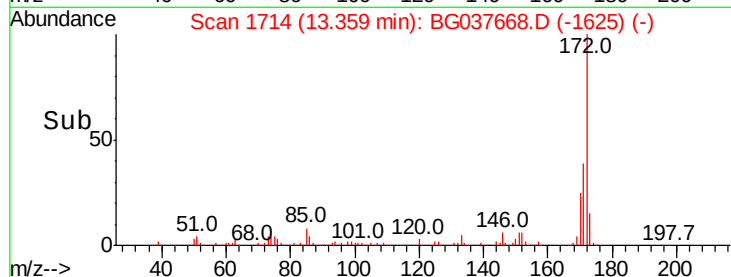


Abundance

Ion 172.00 (171.70 to 172.70): E

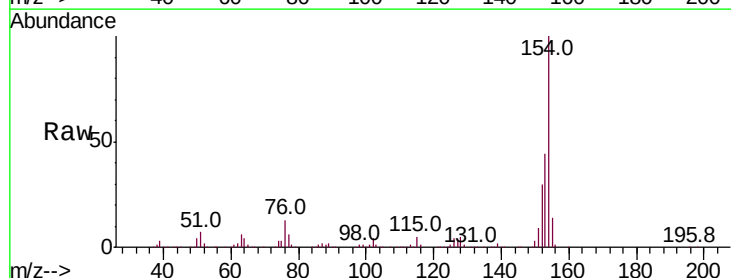
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.317 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	43.5	22.1	62.1
76	13.0	0.0	33.2

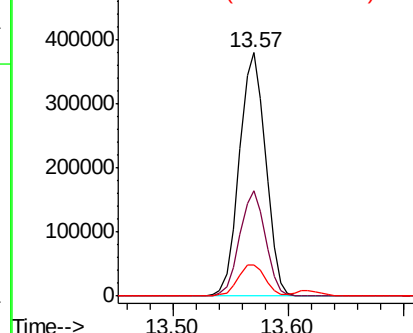
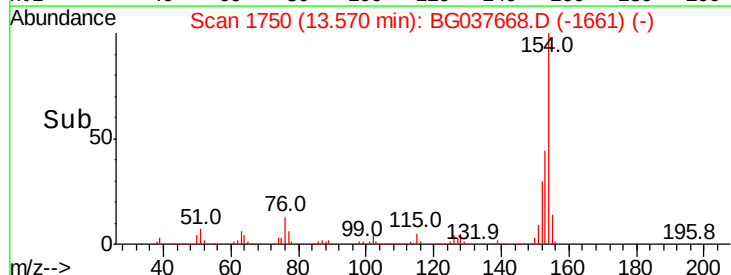


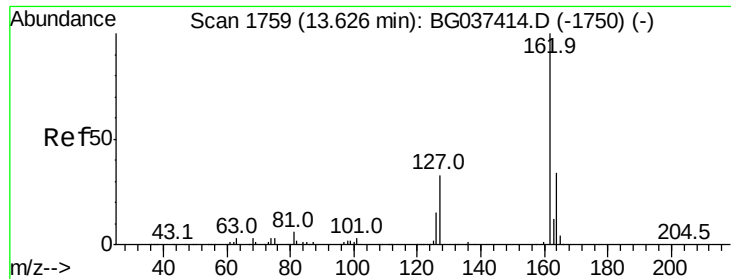
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





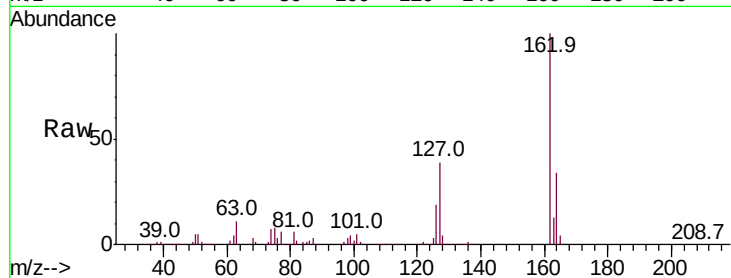
#47
2-Chloronaphthalene
Concen: 46.246 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.5	45.7
164	34.1	26.4	39.6

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM

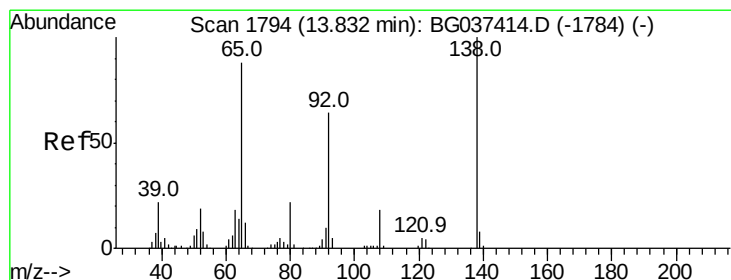
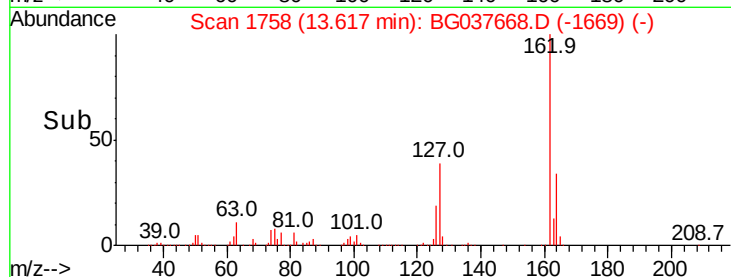
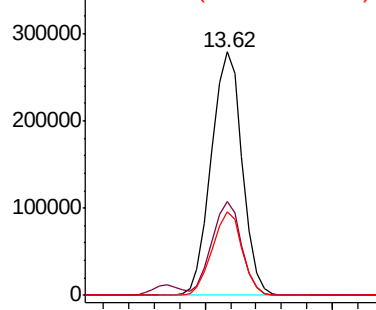


Abundance

Ion 162.00 (161.70 to 162.70): E

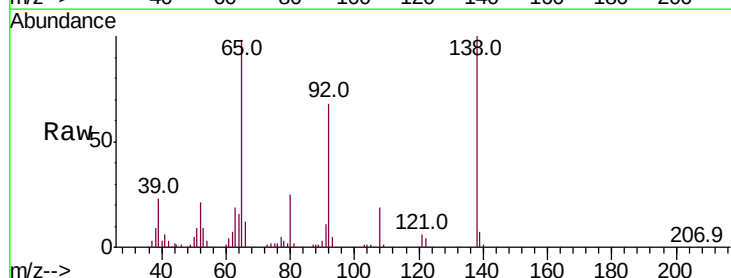
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 52.542 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	53.2	79.8
138	102.1	79.3	118.9

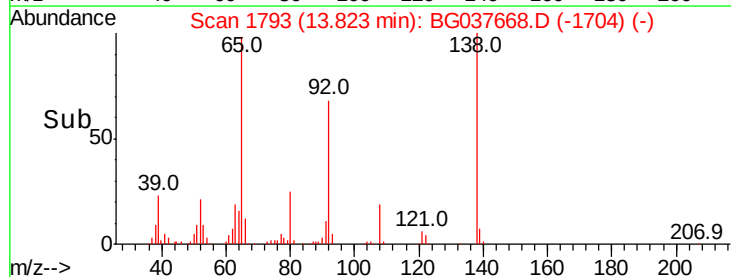
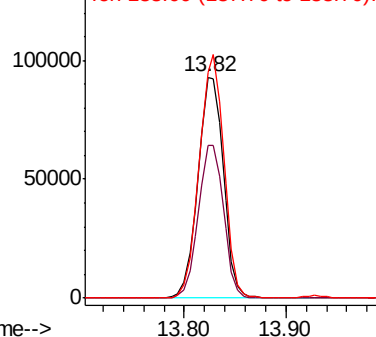


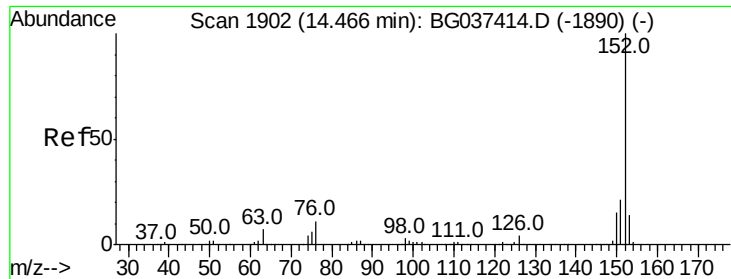
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.191 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

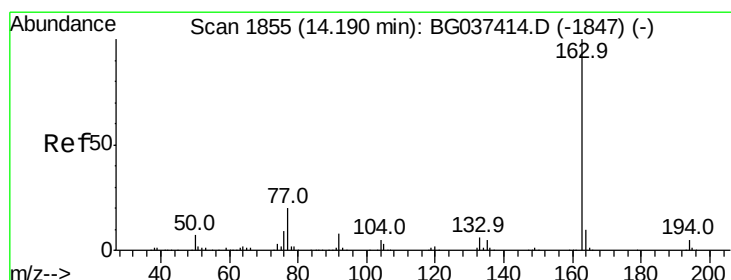
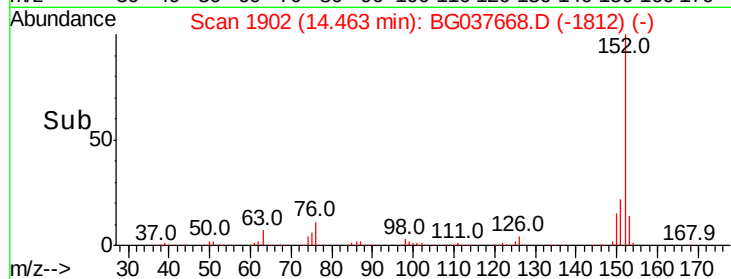
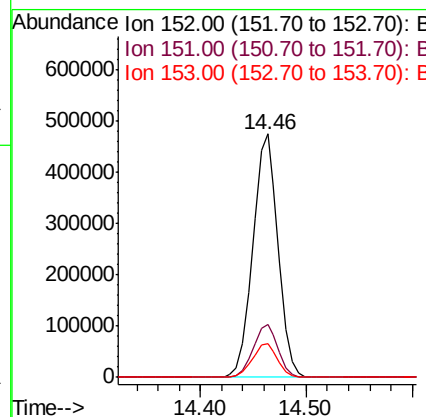
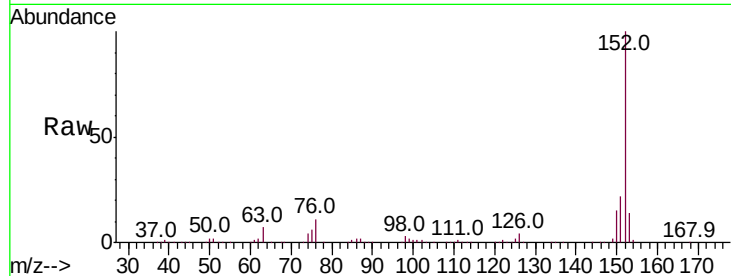
ClientSampleId :

HR-05-102618-AMS

Tot Ion:	152	Resp:	784306
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.1	25.7
153	13.7	11.1	16.7

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



#50

Dimethylphthalate

Concen: 49.593 ng

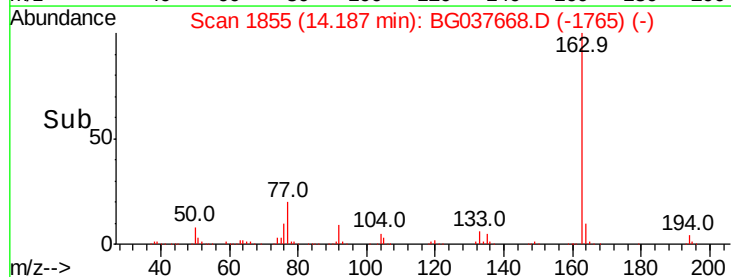
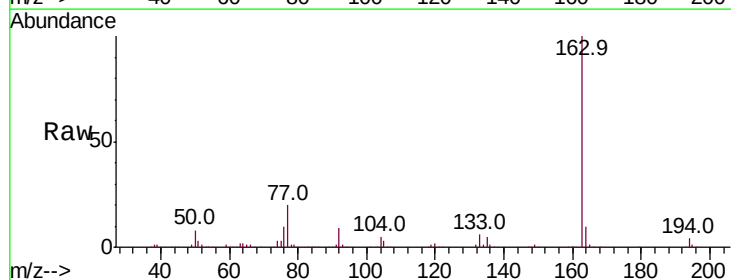
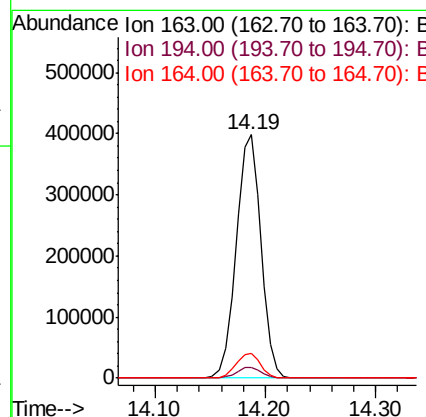
RT: 14.19 min Scan# 1855

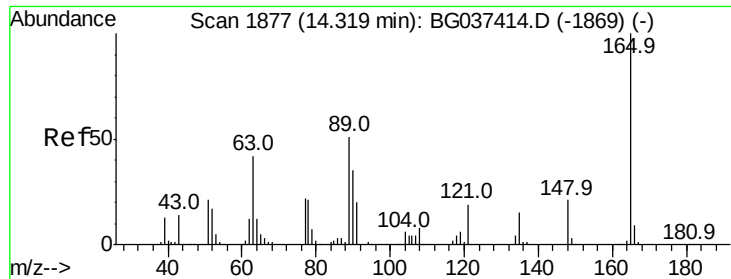
Delta R.T. -0.00 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Tgt Ion:	163	Resp:	623680
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.2	8.5	12.7





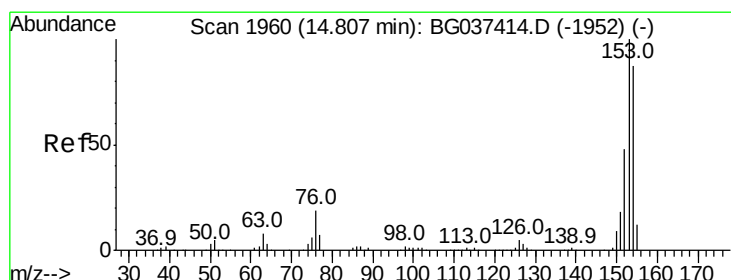
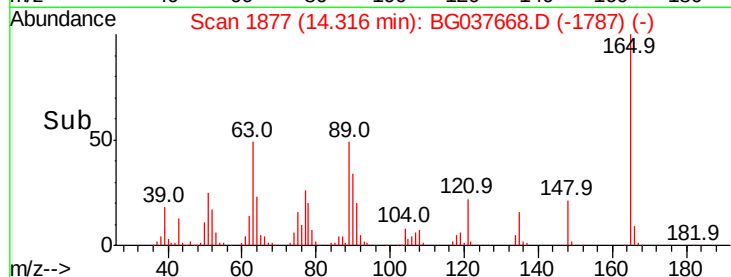
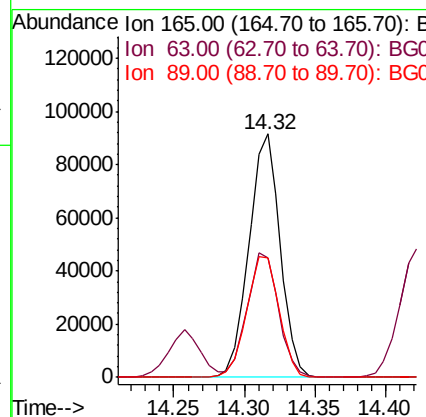
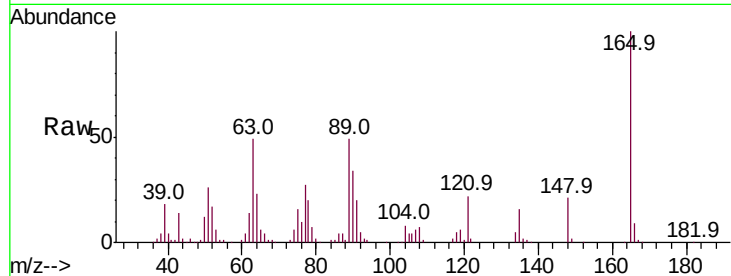
#51
 2,6-Dinitrotoluene
 Concen: 50.902 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.9	43.4	65.2
89	49.1	45.8	68.6

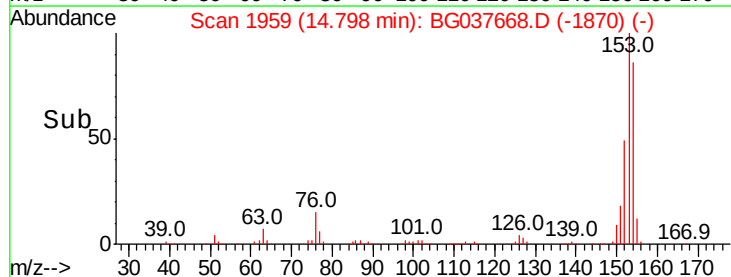
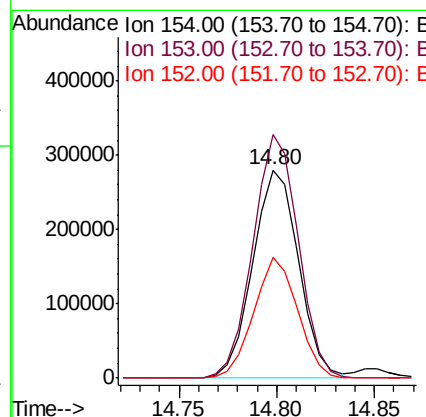
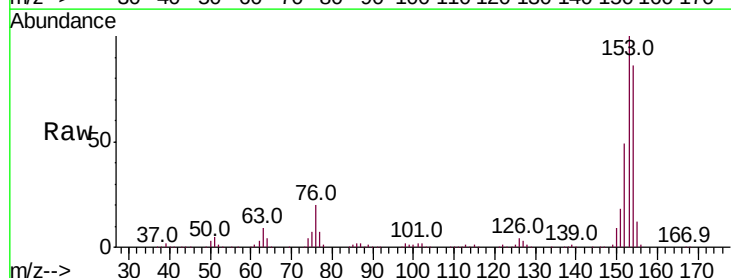
Manual Integrations
 APPROVED

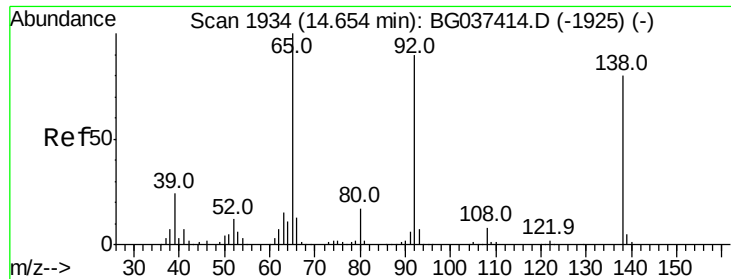
Sohil
 10/31/2018 11:54:20 AM



#52
 Acenaphthene
 Concen: 48.303 ng
 RT: 14.80 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.9	93.4	140.0
152	57.8	44.7	67.1





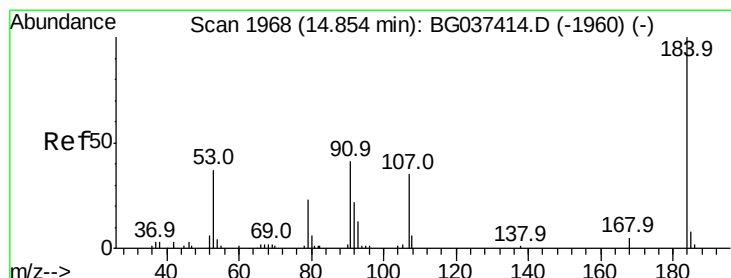
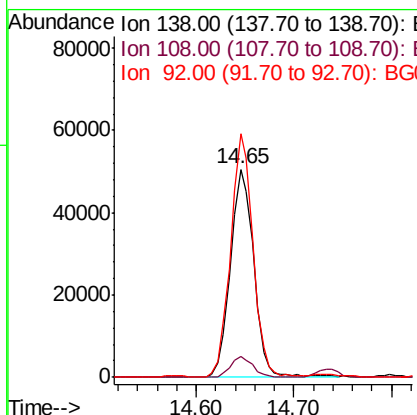
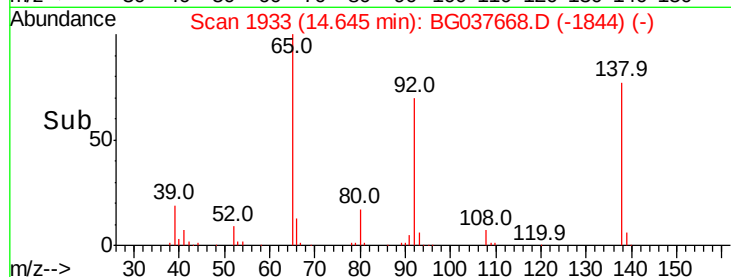
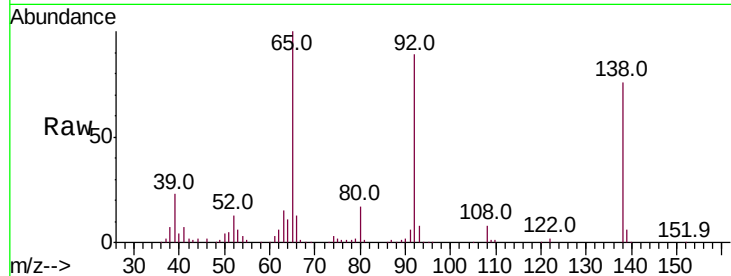
#53
 3-Nitroaniline
 Concen: 27.280 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	11.0	16.6#
92	117.0	95.2	142.8

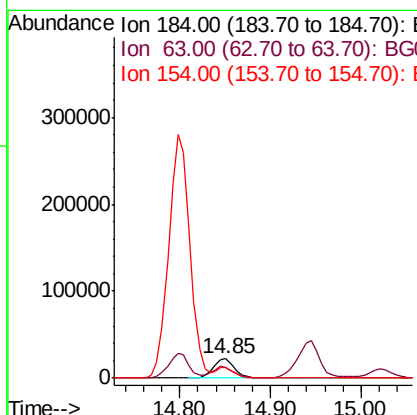
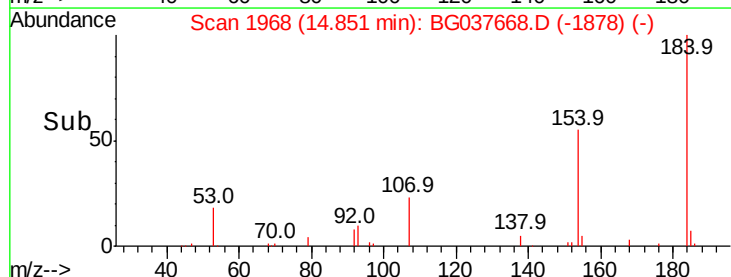
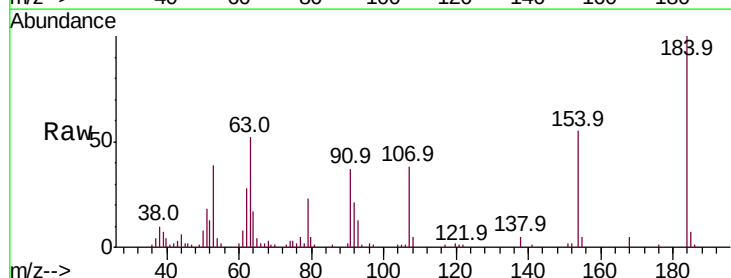
Manual Integrations
 APPROVED

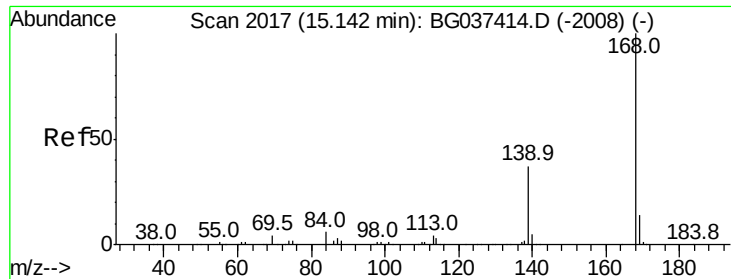
Sohil
 10/31/2018 11:54:20 AM



#54
 2,4-Dinitrophenol
 Concen: 44.719 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.4	42.6	63.8
154	55.3	41.8	62.6





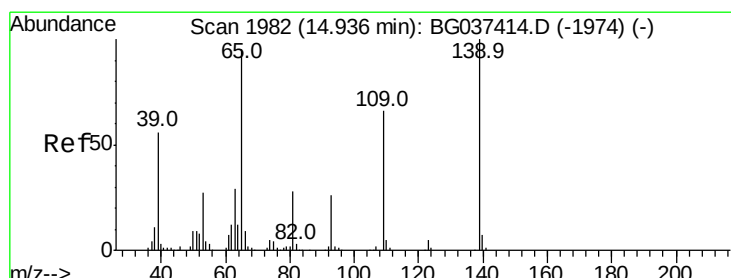
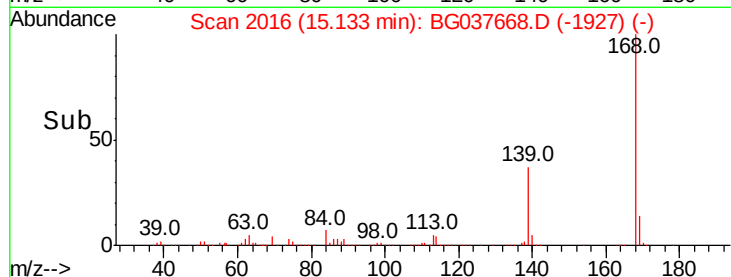
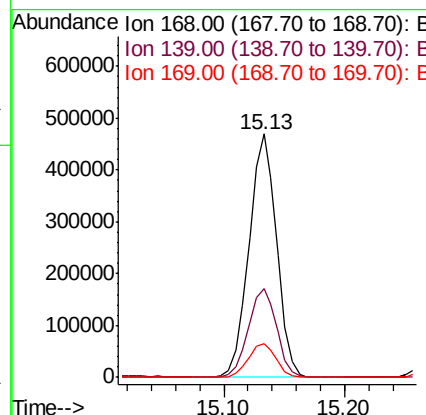
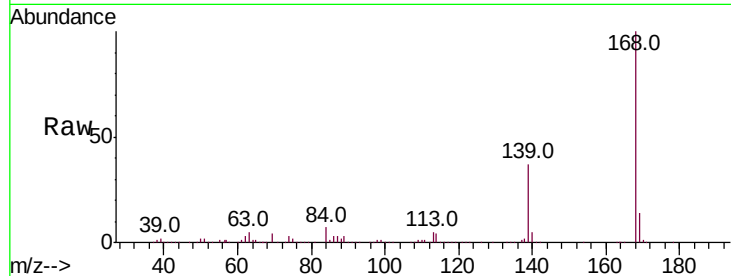
#55
Dibenzofuran
Concen: 47.586 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.4	44.0
169	13.9	11.0	16.6

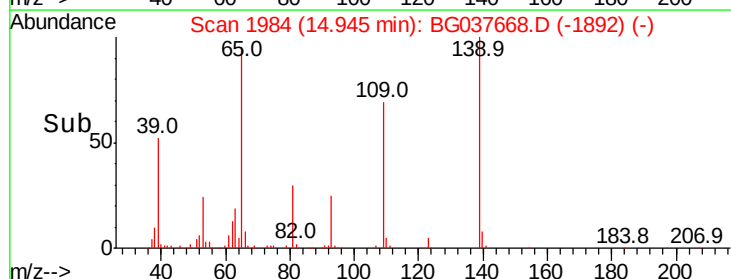
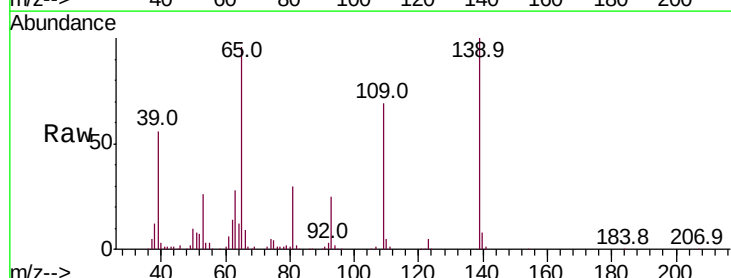
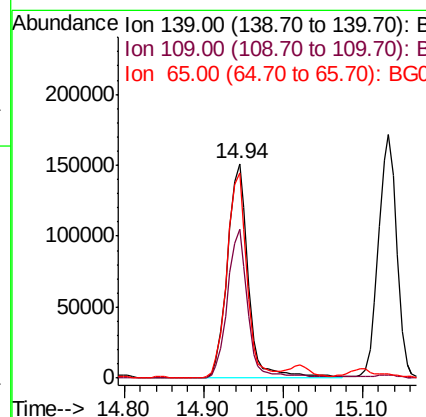
Manual Integrations
APPROVED

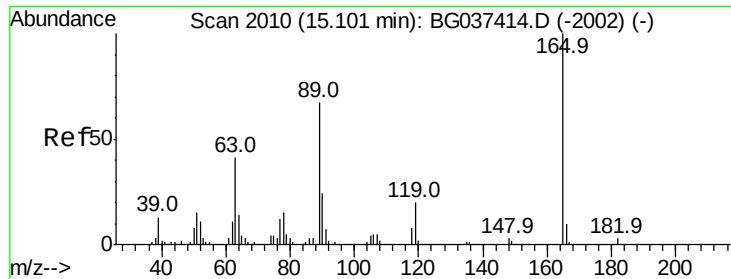
Sohil
10/31/2018 11:54:20 AM



#56
4-Nitrophenol
Concen: 121.282 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.4	49.5	89.5
65	95.8	76.8	116.8





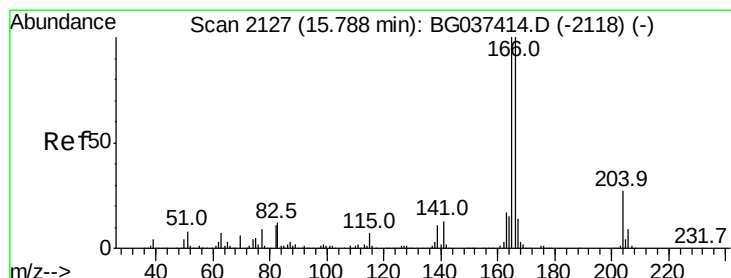
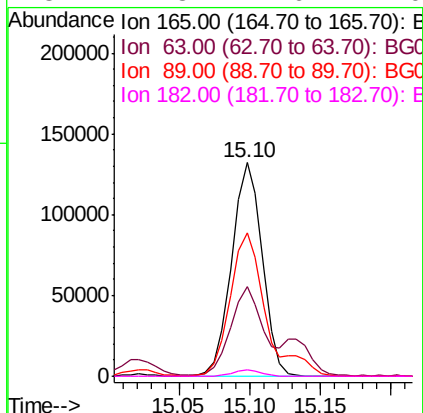
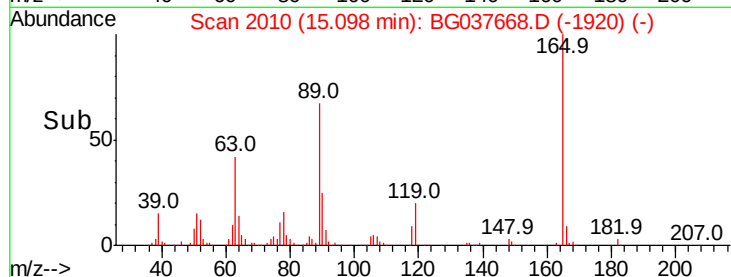
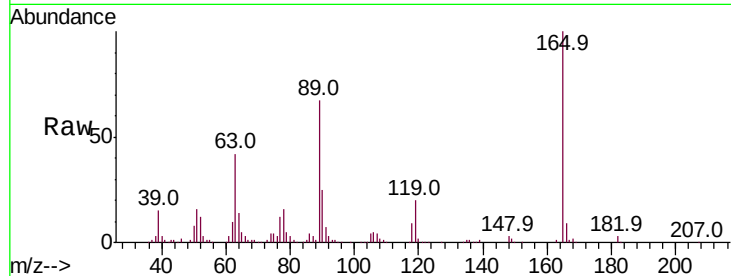
#57
 2,4-Dinitrotoluene
 Concen: 54.611 ng
 RT: 15.10 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199436		
63	42.1	33.4	50.0	
89	67.4	57.2	85.8	
182	2.8	2.6	4.0	

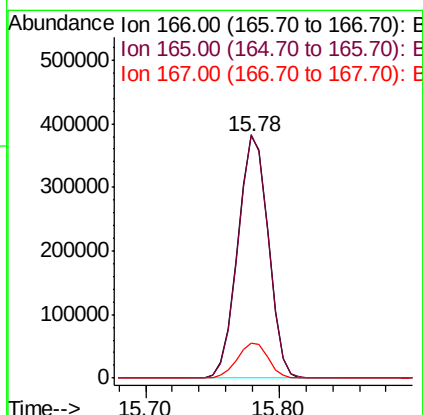
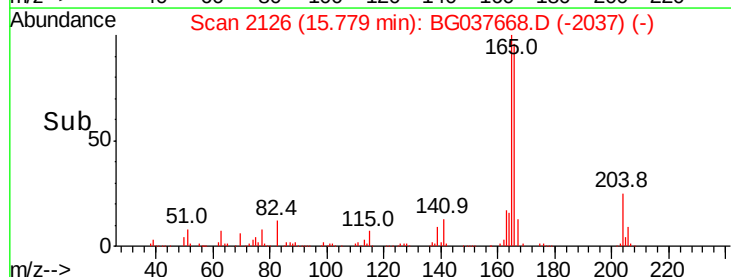
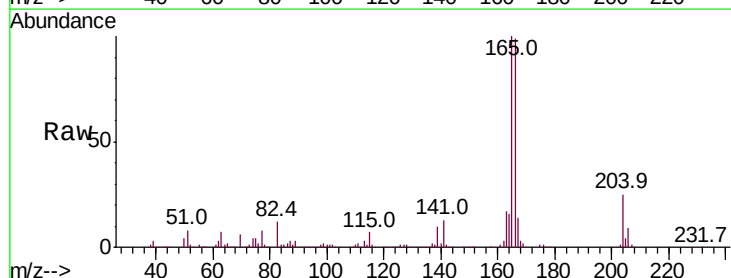
Manual Integrations
 APPROVED

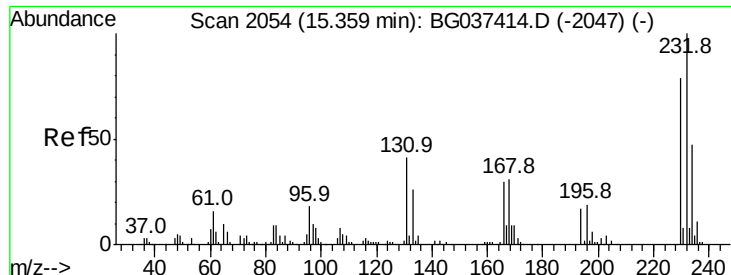
Sohil
 10/31/2018 11:54:20 AM



#58
 Fluorene
 Concen: 51.530 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	603278		
165	100.7	79.0	118.6	
167	14.5	11.3	16.9	





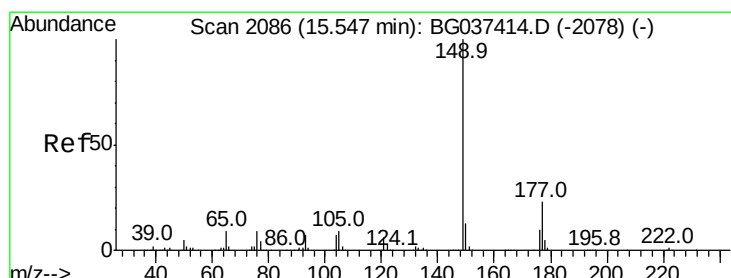
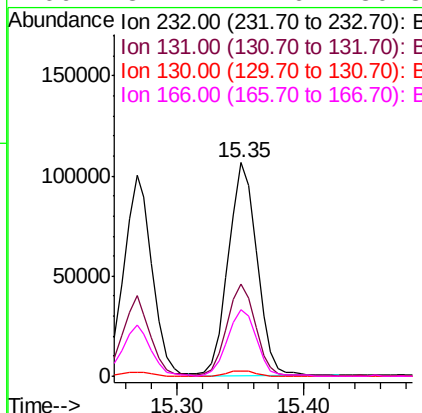
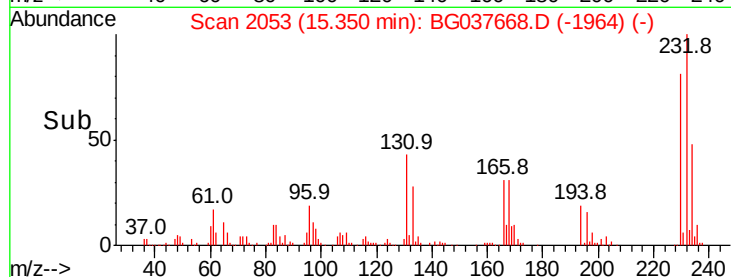
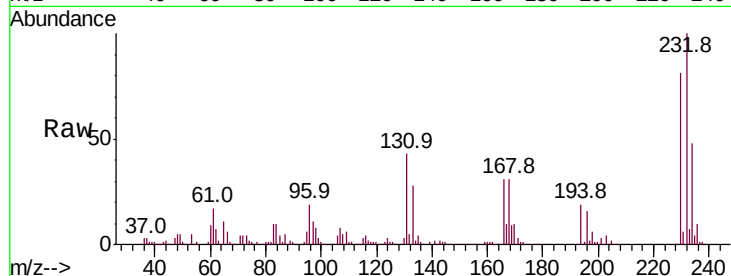
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.848 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	166048		
131	42.8		33.7	50.5
130	2.6		2.1	3.1
166	31.4		24.6	36.8

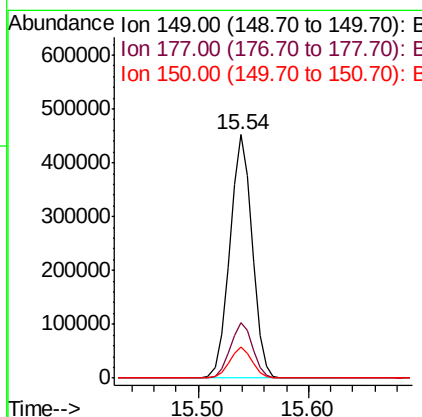
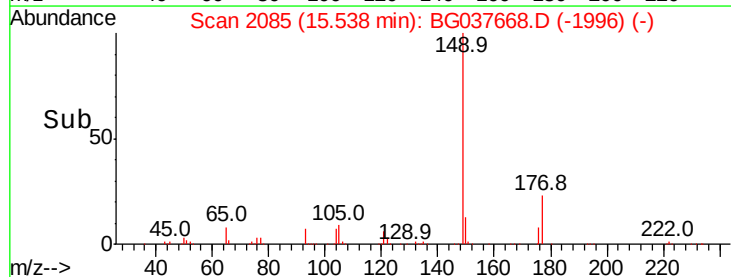
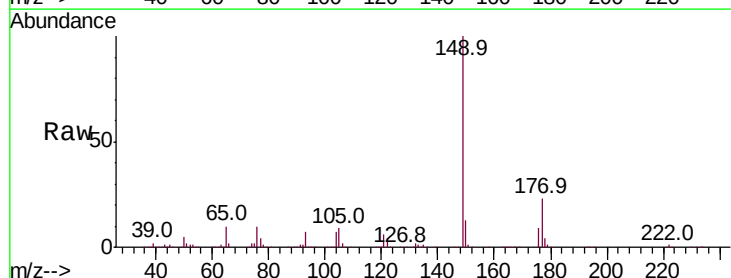
Manual Integrations
 APPROVED

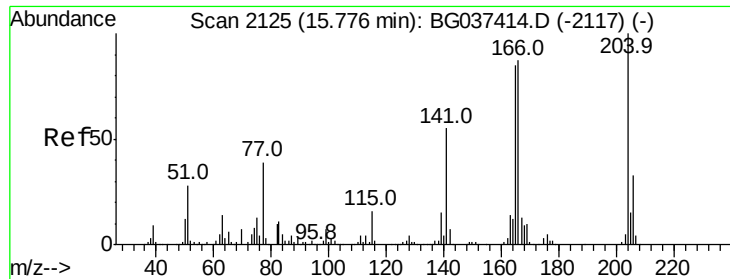
Sohil
 10/31/2018 11:54:20 AM



#60
 Diethylphthalate
 Concen: 49.761 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	642476		
177	22.9		18.3	27.5
150	13.0		10.0	15.0





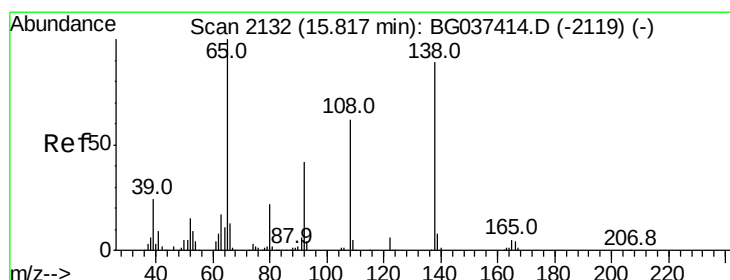
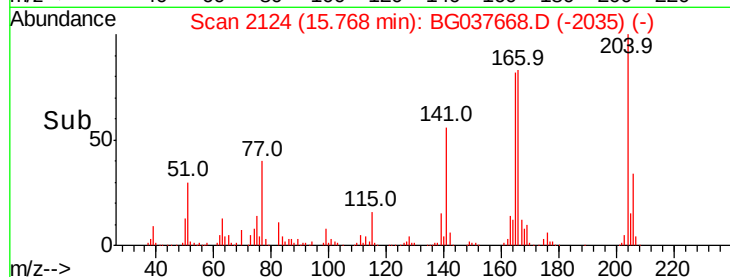
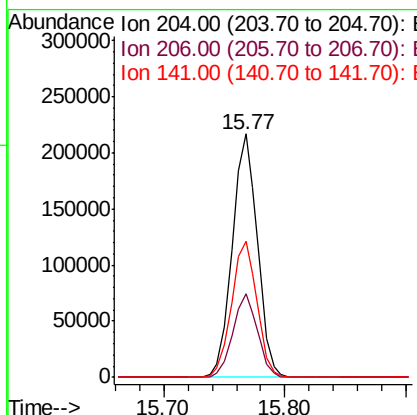
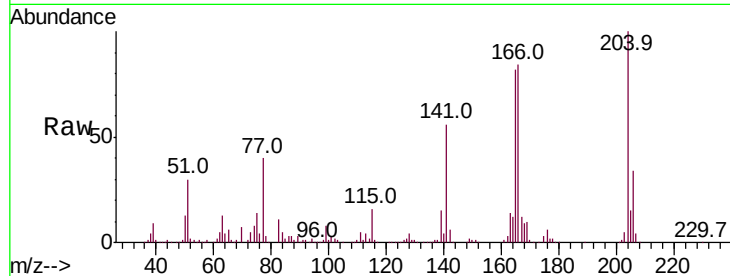
#61
 4-Chlorophenyl-phenylether
 Concen: 45.922 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion:	204	Resp:	313359
Ion Ratio		Lower	Upper
204	100		
206	34.1	26.6	39.8
141	55.9	45.4	68.2

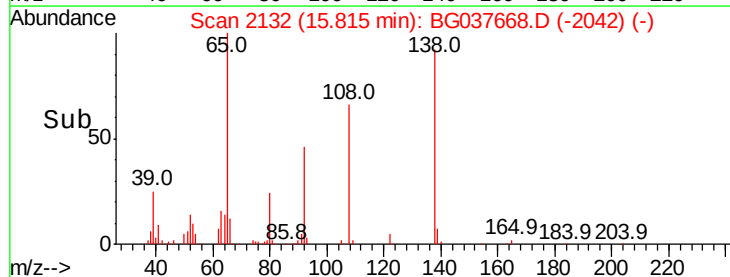
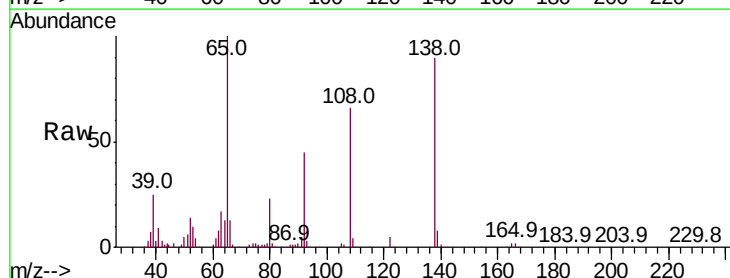
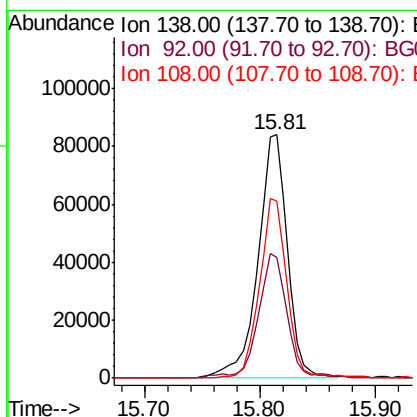
Manual Integrations
 APPROVED

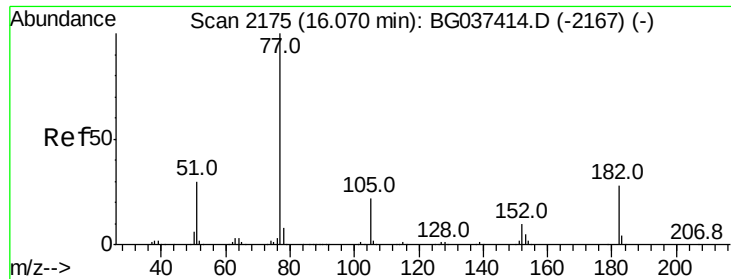
Sohil
 10/31/2018 11:54:20 AM



#62
 4-Nitroaniline
 Concen: 48.694 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Tgt Ion:	138	Resp:	149438
Ion Ratio		Lower	Upper
138	100		
92	49.7	36.4	76.4
108	72.9	60.1	100.1





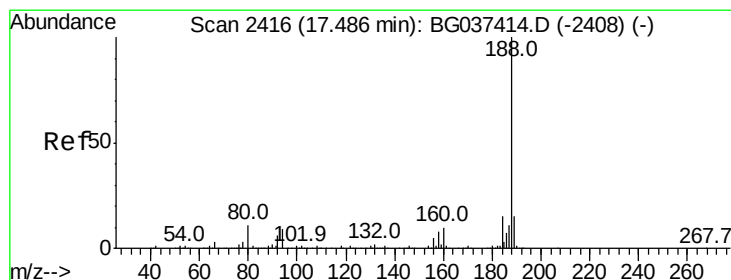
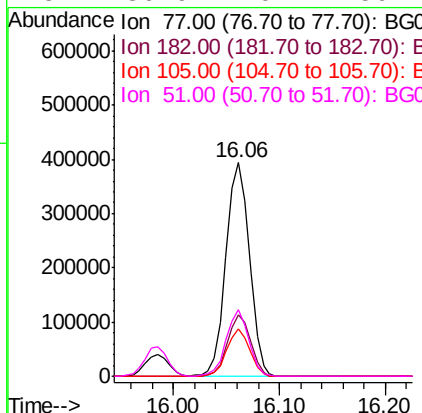
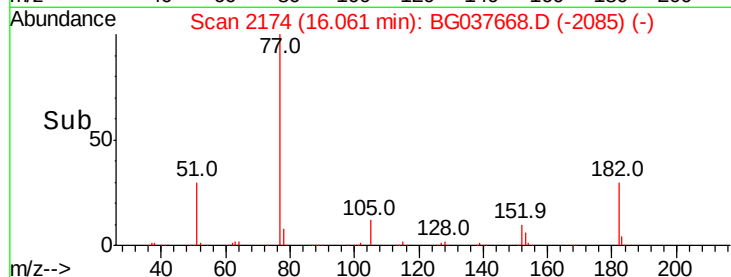
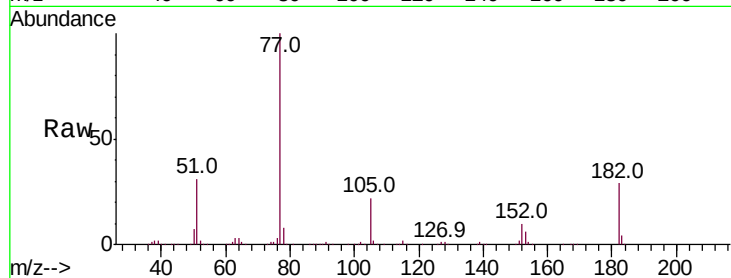
#63
Azobenzene
Concen: 49.078 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.0	48.0
105	21.9	1.3	41.3
51	30.9	10.7	50.7

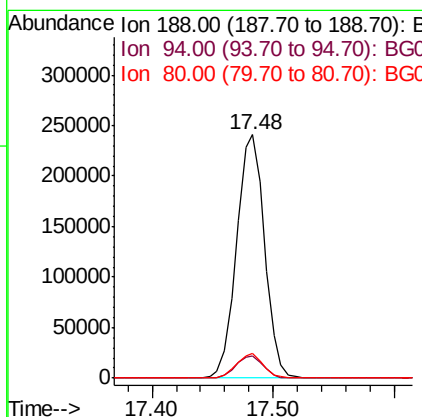
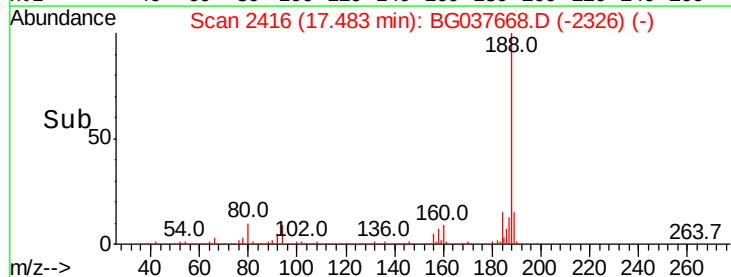
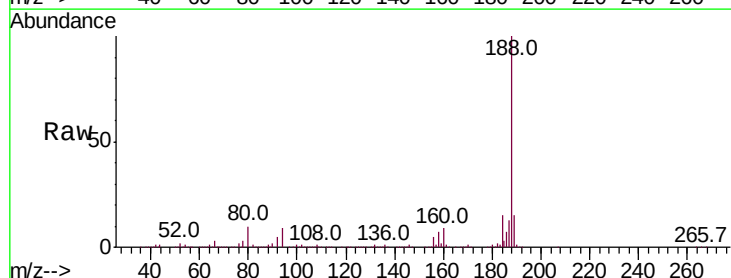
Manual Integrations
APPROVED

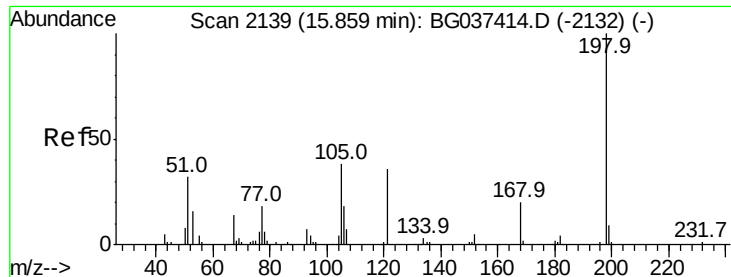
Sohil
10/31/2018 11:54:20 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.0	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 29.102 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

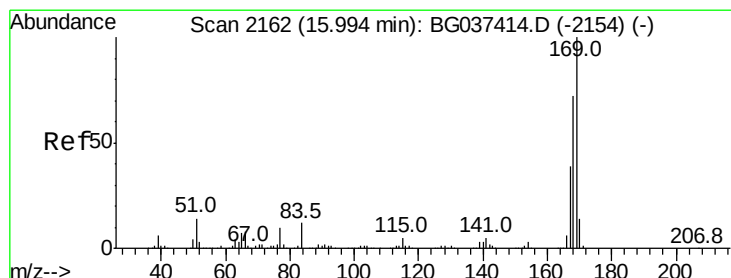
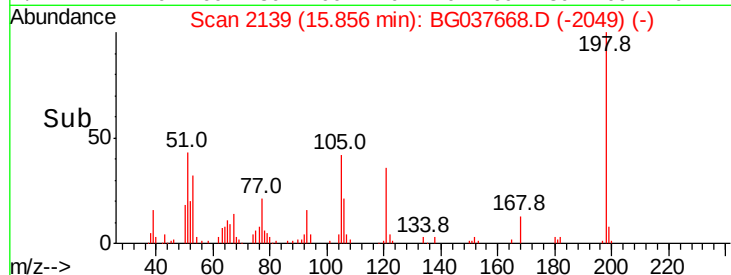
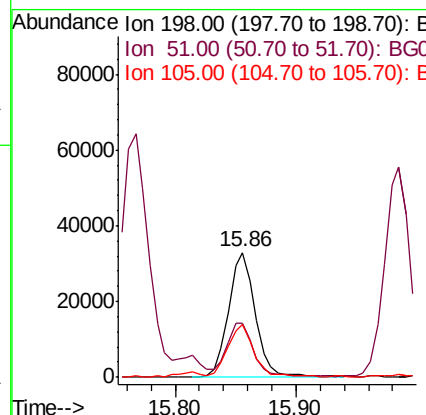
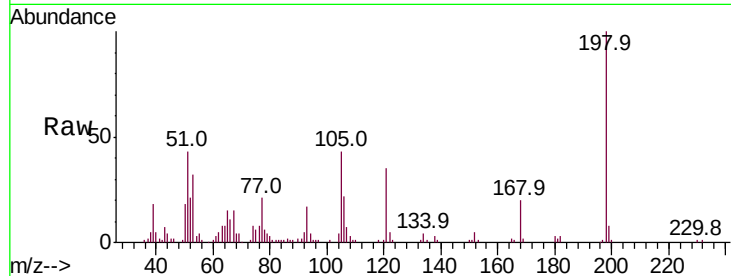
ClientSampleId :

HR-05-102618-AMS

Tot Ion:	198	Resp:	51104
Ion	Ratio	Lower	Upper
198	100		
51	43.0	22.7	62.7
105	42.7	19.7	59.7

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



#66

n-Nitrosodiphenylamine

Concen: 47.563 ng

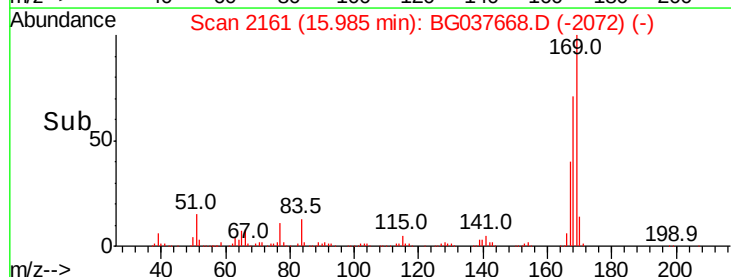
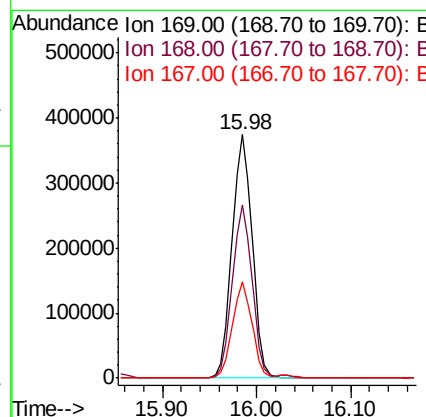
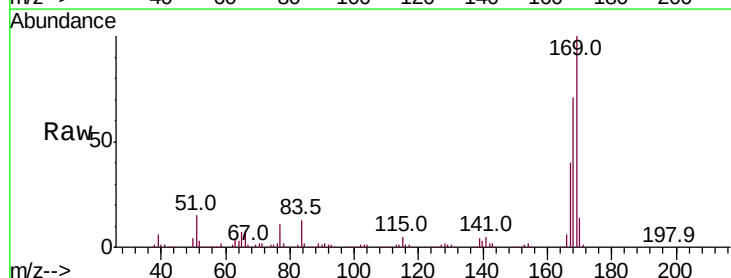
RT: 15.98 min Scan# 2161

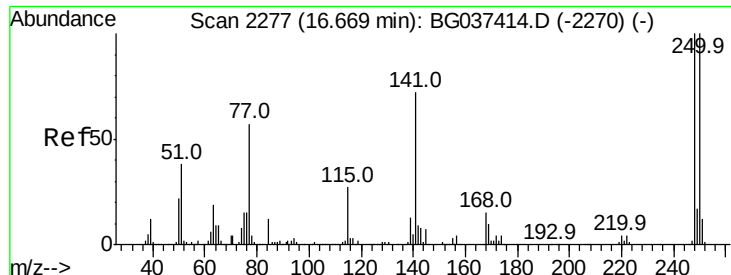
Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Tgt Ion:	169	Resp:	556629
Ion	Ratio	Lower	Upper
169	100		
168	71.1	55.7	83.5
167	39.5	31.3	46.9





#67

4-Bromophenyl-phenylether

Concen: 46.764 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

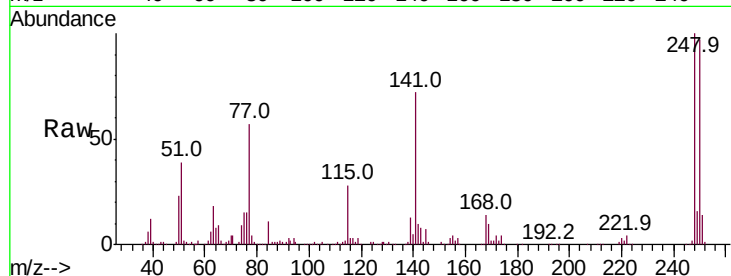
ClientSampleId :

HR-05-102618-AMS

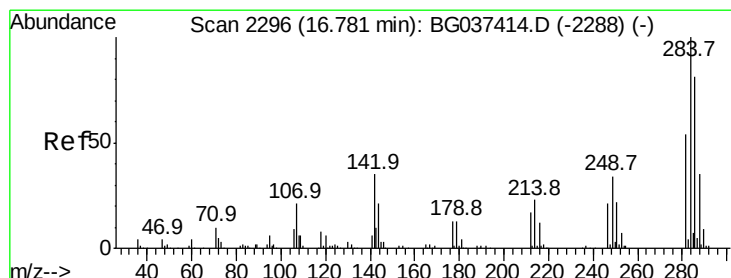
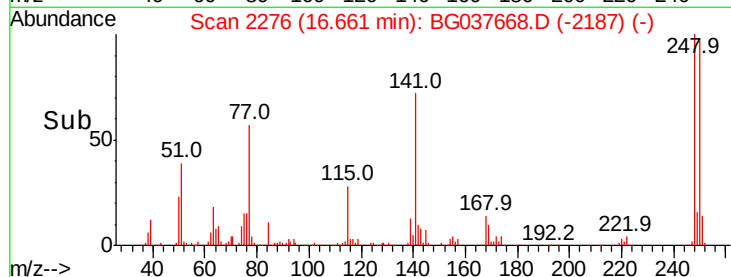
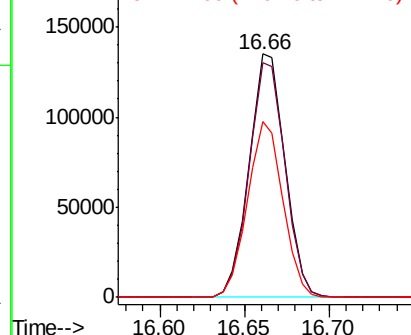
Tot Ion:	248	Resp:	199801
Ion Ratio	Lower	Upper	
248	100		
250	96.5	77.0	115.6
141	72.4	55.5	83.3

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 45.297 ng

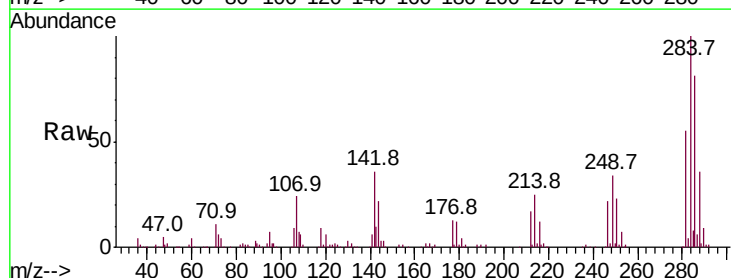
RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

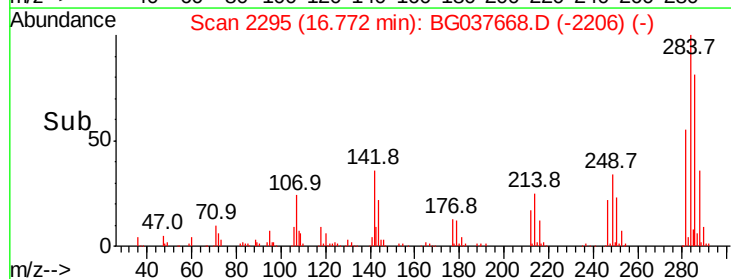
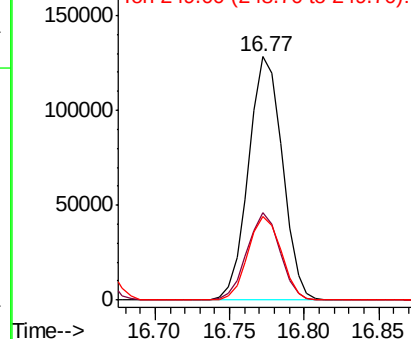
Lab File: BG037668.D

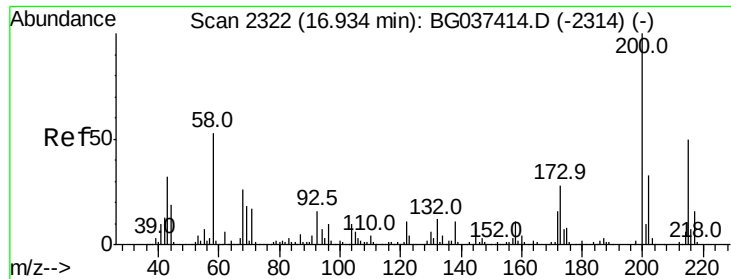
Acq: 31 Oct 2018 1:08

Tgt Ion:	284	Resp:	200577
Ion Ratio	Lower	Upper	
284	100		
142	36.1	28.1	42.1
249	36.9	29.8	44.8



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





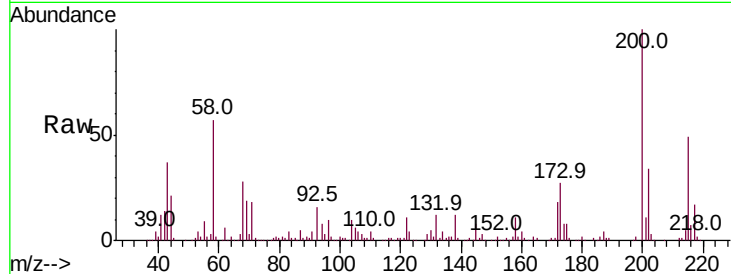
#69
 Atrazine
 Concen: 48.424 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	6.1	46.1
215	48.9	30.8	70.8

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:54:20 AM

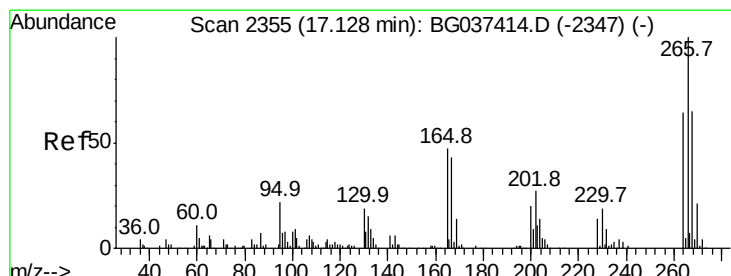
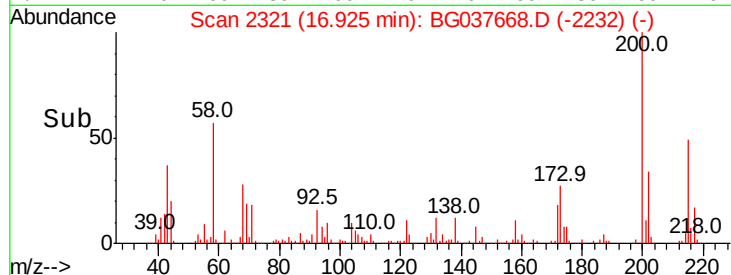
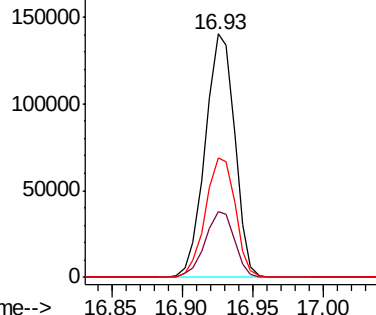


Abundance

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



#70
 Pentachlorophenol
 Concen: 55.217 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

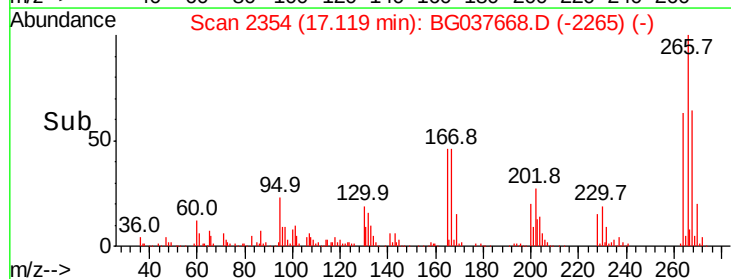
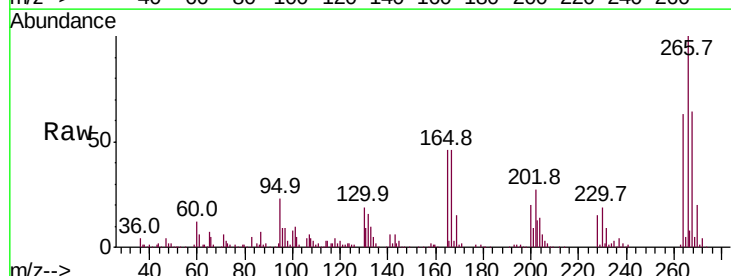
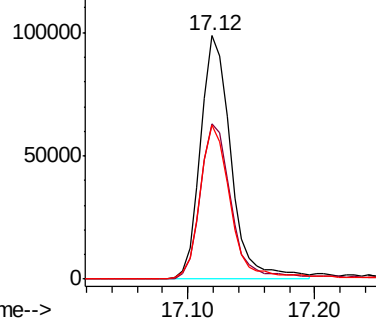
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.2	55.0	82.6
264	68.4	58.9	88.3

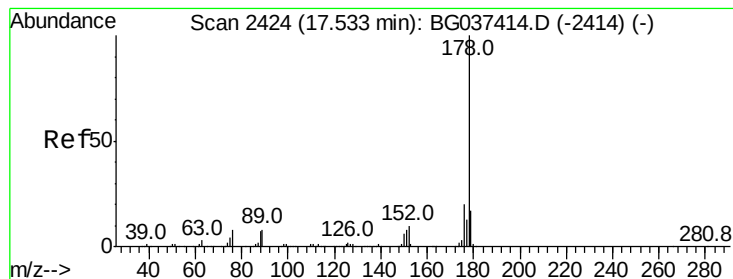
Abundance

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





#71

Phenanthrene

Concen: 50.132 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

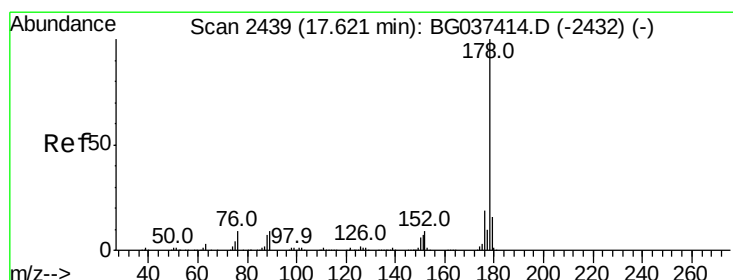
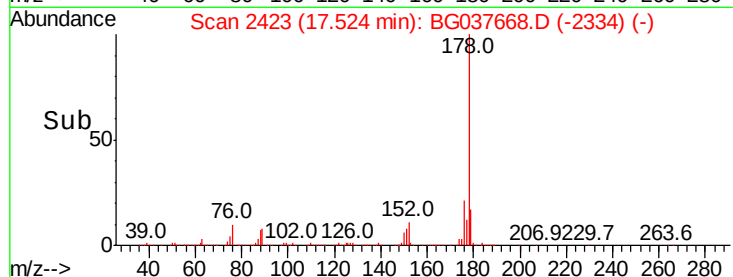
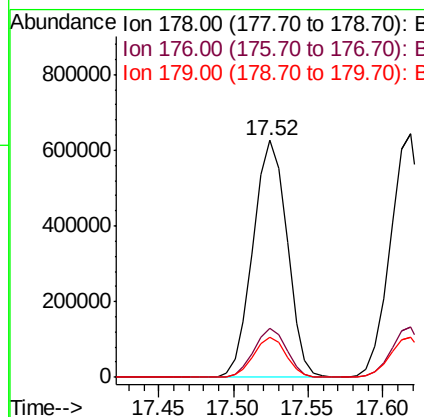
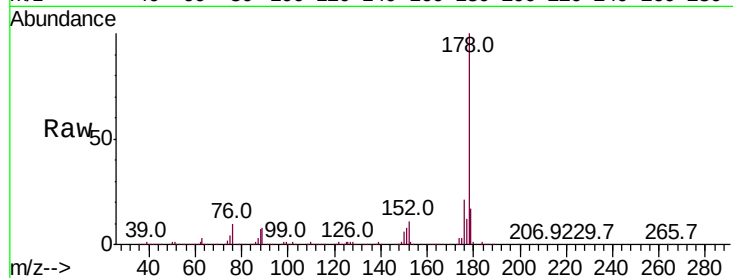
ClientSampleId :

HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.1	24.1
179	17.1	13.0	19.4

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



#72

Anthracene

Concen: 51.536 ng

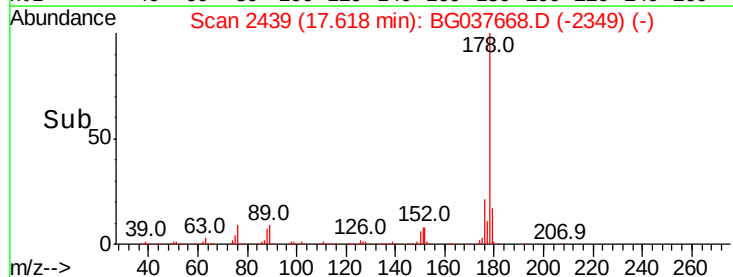
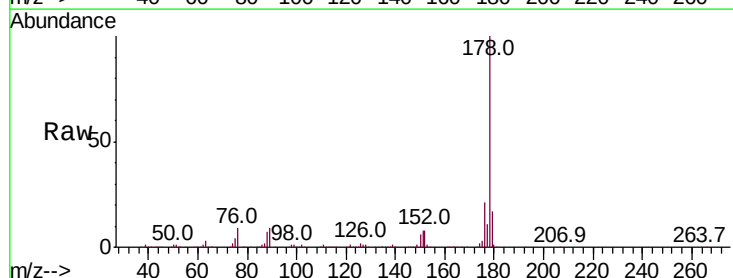
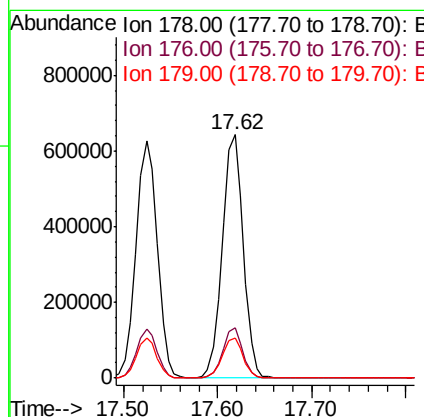
RT: 17.62 min Scan# 2439

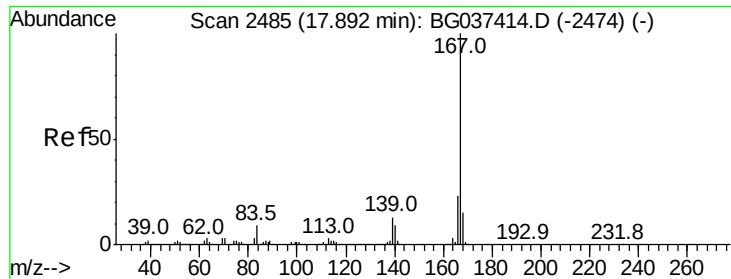
Delta R.T. -0.00 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.0	22.4
179	16.7	12.8	19.2





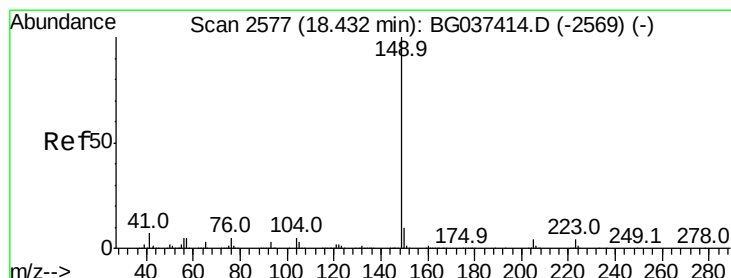
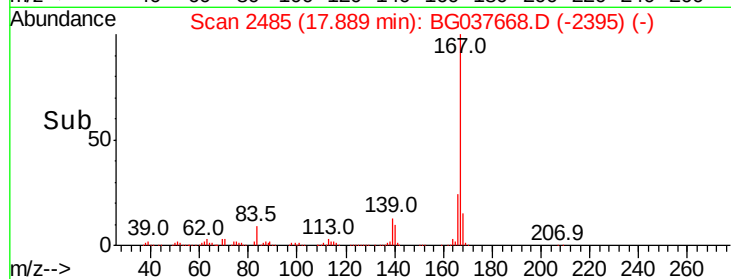
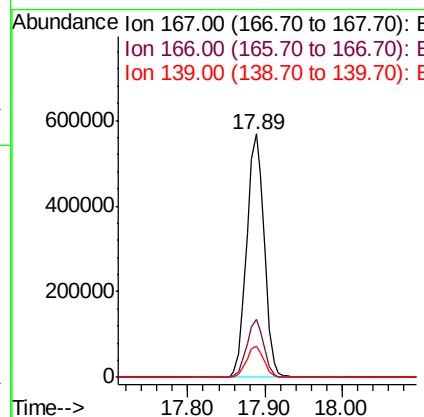
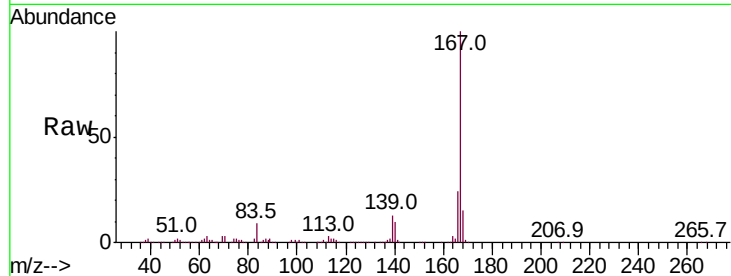
#73
 Carbazole
 Concen: 46.912 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.3	27.5
139	12.8	10.5	15.7

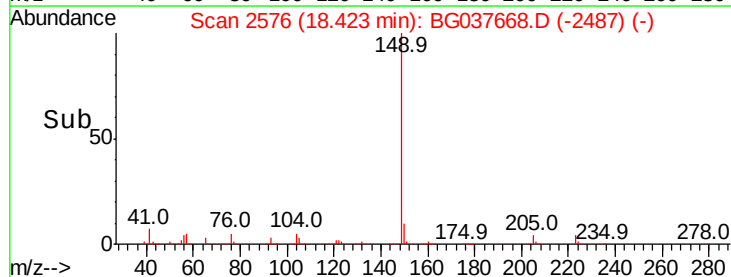
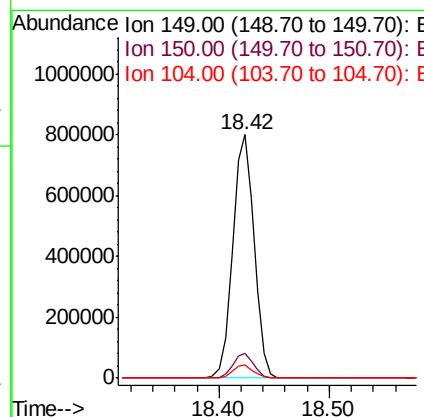
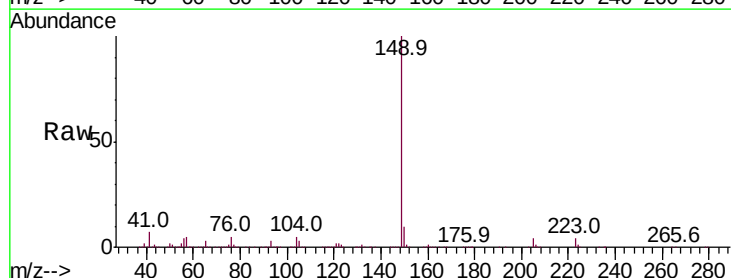
Manual Integrations
 APPROVED

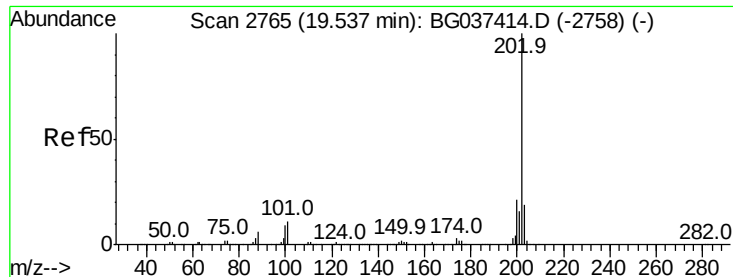
Sohil
 10/31/2018 11:54:20 AM



#74
 Di-n-butylphthalate
 Concen: 50.298 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037668.D
 Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 50.590 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

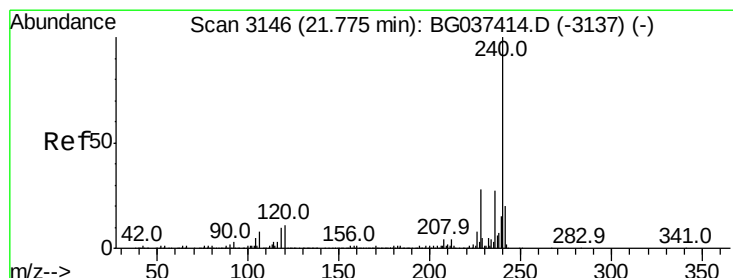
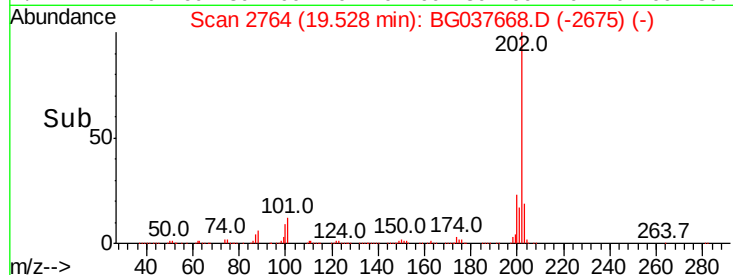
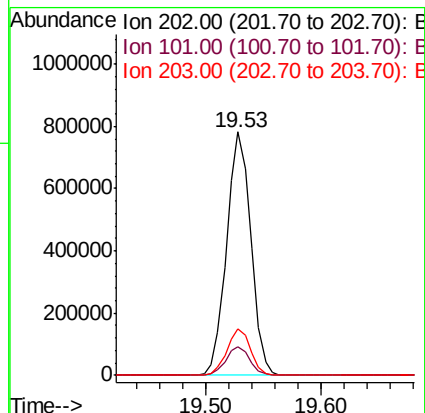
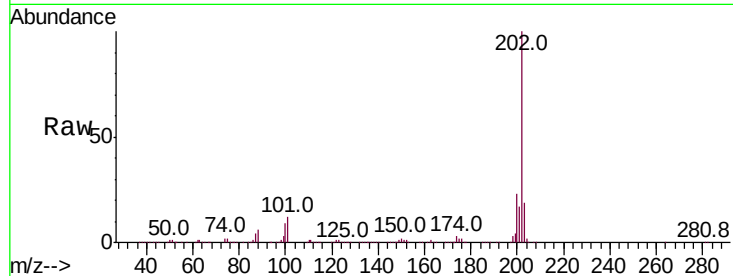
ClientSampleId :

HR-05-102618-AMS

Tot Ion:	202	Resp:	1134566
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.7
203	19.2	0.0	38.5

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



#76

Chrysene-d12

Concen: 20.000 ng

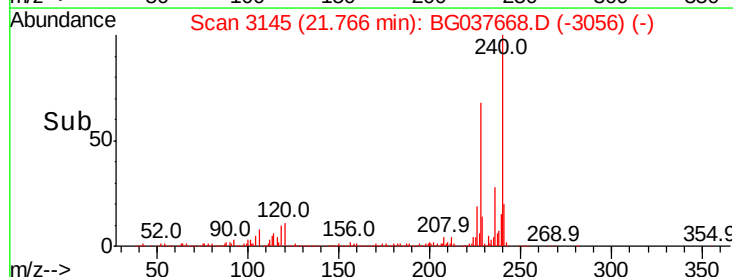
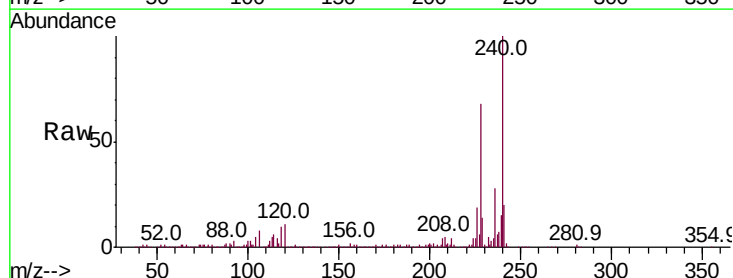
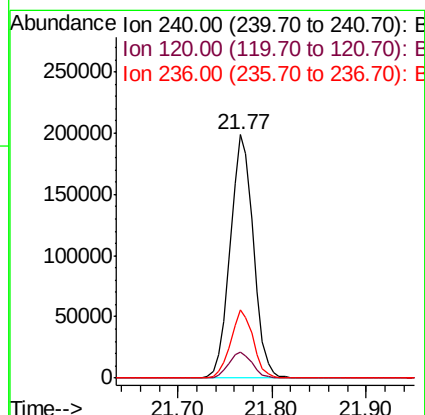
RT: 21.77 min Scan# 3145

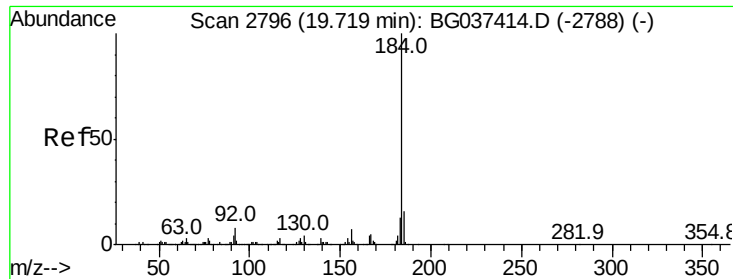
Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Tgt Ion:	240	Resp:	339859
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.8	21.4	32.0





#77

Benzidine

Concen: 11.964 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

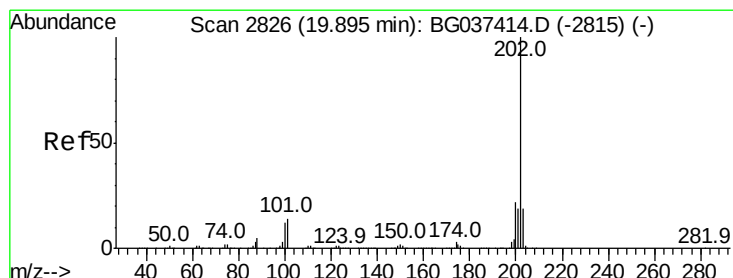
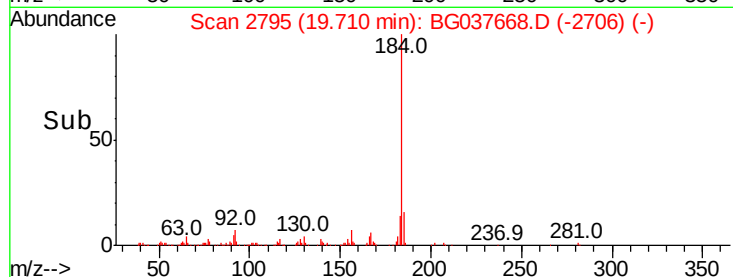
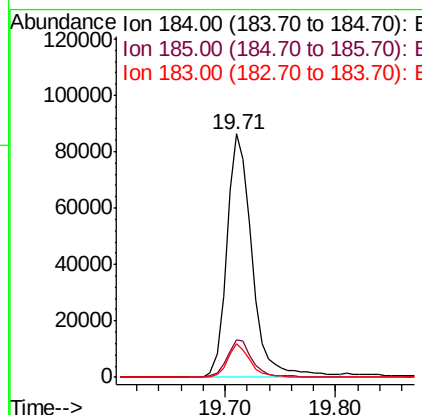
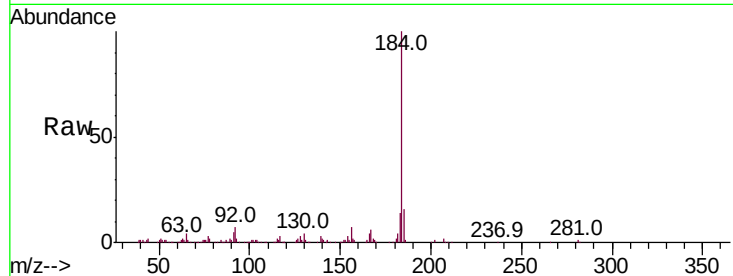
ClientSampleId :

HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.6	18.8
183	13.8	10.2	15.2

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



#78

Pyrene

Concen: 50.720 ng

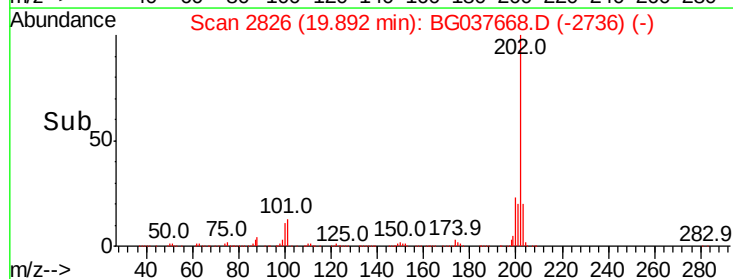
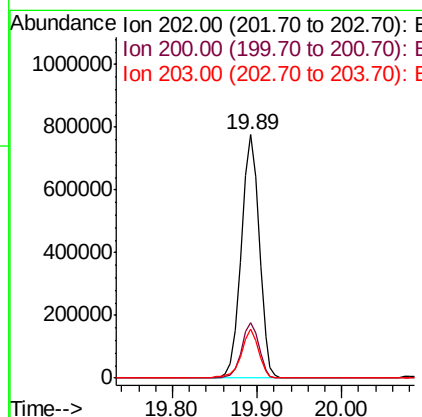
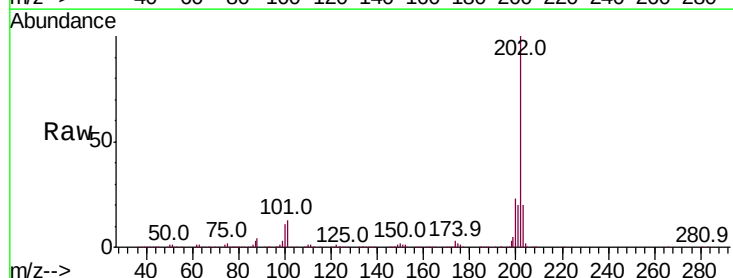
RT: 19.89 min Scan# 2826

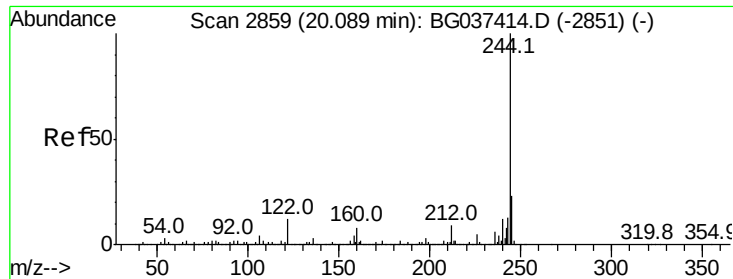
Delta R.T. -0.00 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.8	26.6
203	19.9	15.2	22.8





#79

Terphenyl-d14

Concen: 86.941 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMS

Tot Ion:244 Resp: 1382827

Ion Ratio Lower Upper

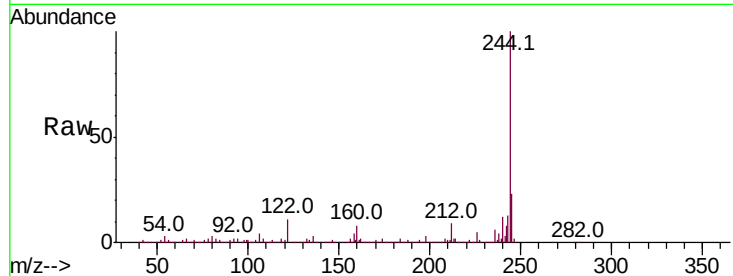
244 100

212 8.7 6.5 9.7

122 11.5 9.0 13.4

Manual Integrations
APPROVED

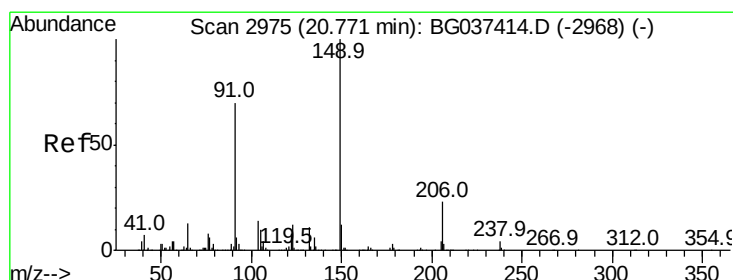
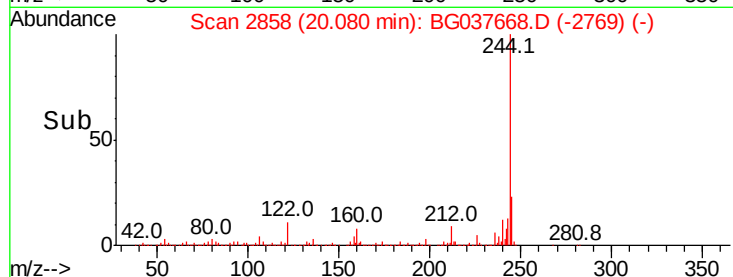
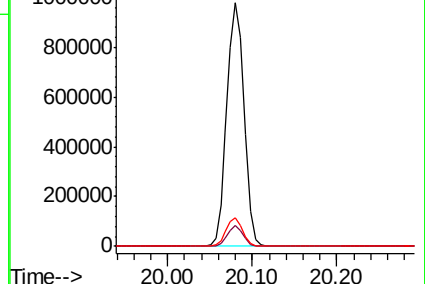
Sohil
10/31/2018 11:54:20 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.052 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

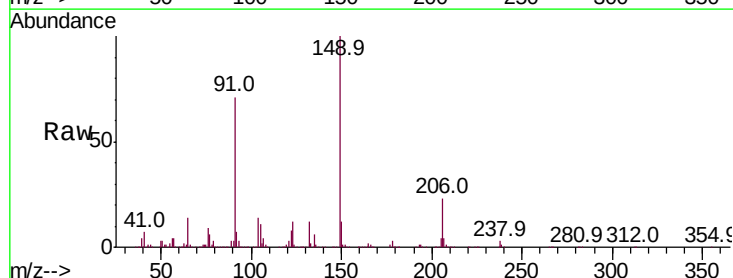
Tgt Ion:149 Resp: 491472

Ion Ratio Lower Upper

149 100

91 71.0 57.0 85.4

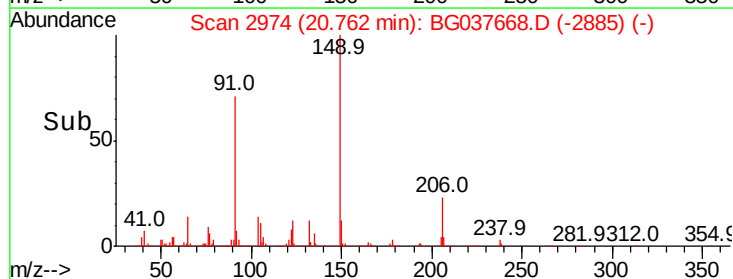
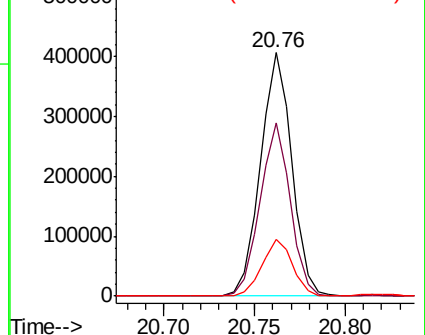
206 23.2 17.8 26.6

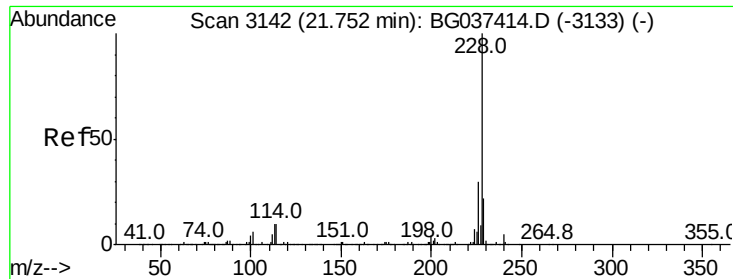


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





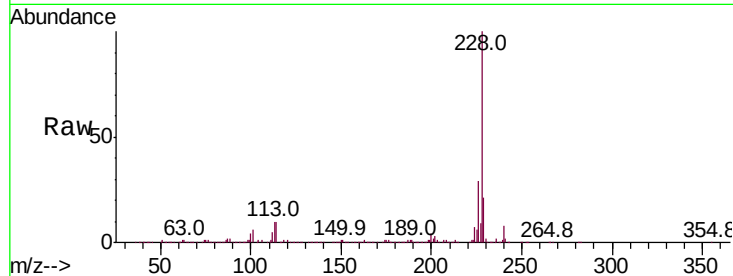
#81
Benzo(a)anthracene
Concen: 53.084 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.3	16.3	24.5

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM

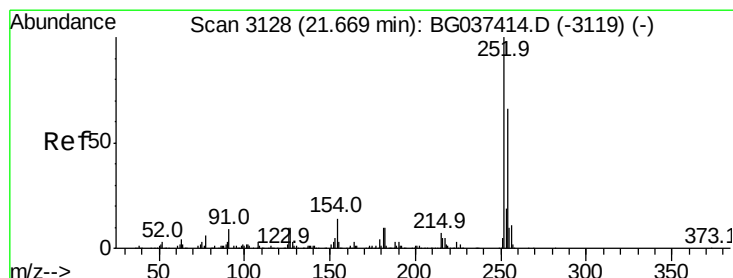
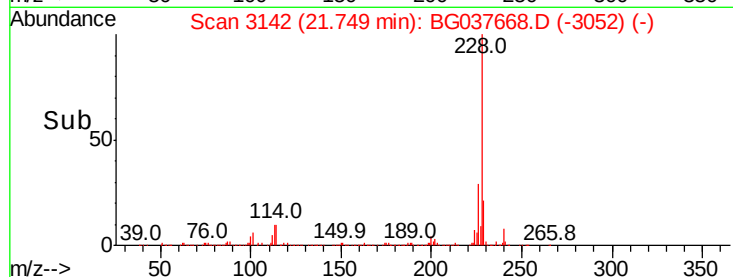
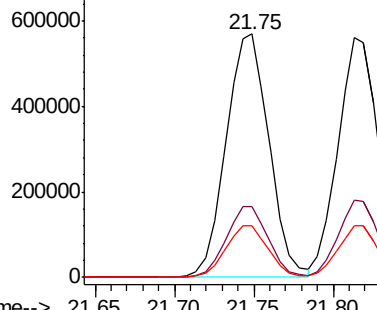


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 24.525 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

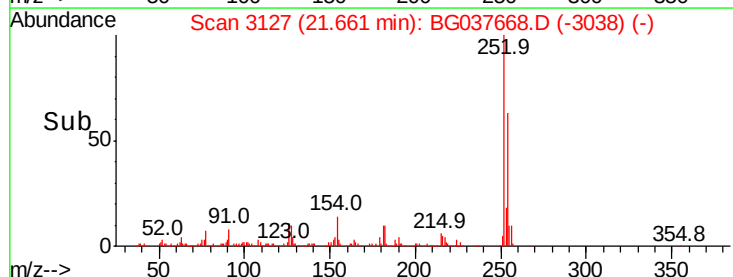
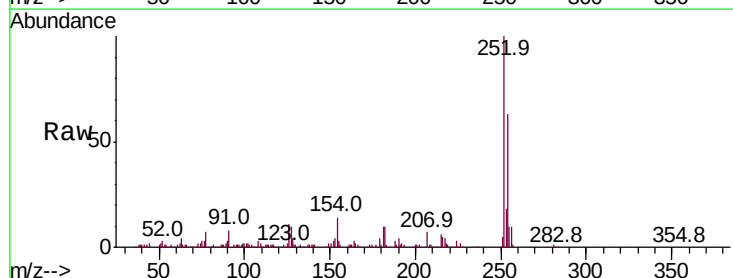
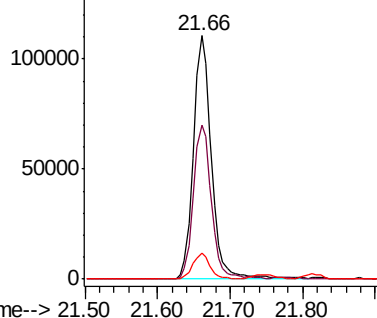
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.0	78.0
126	10.5	8.2	12.4

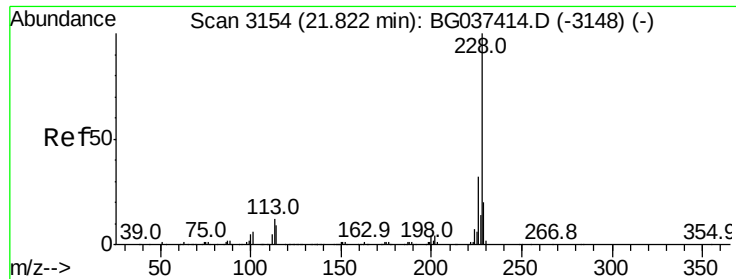
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.857 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

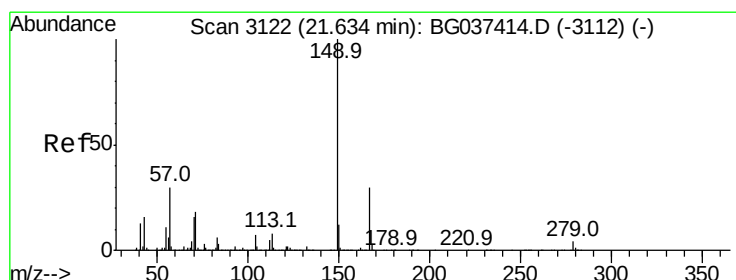
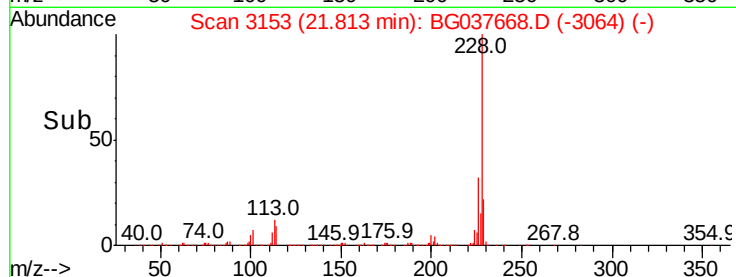
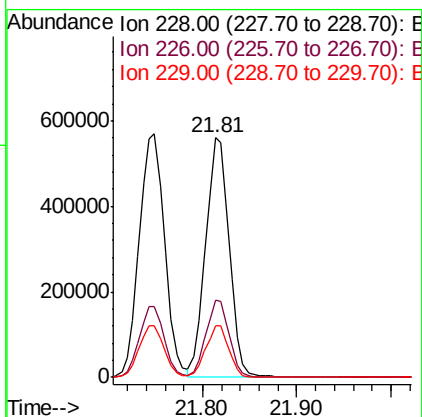
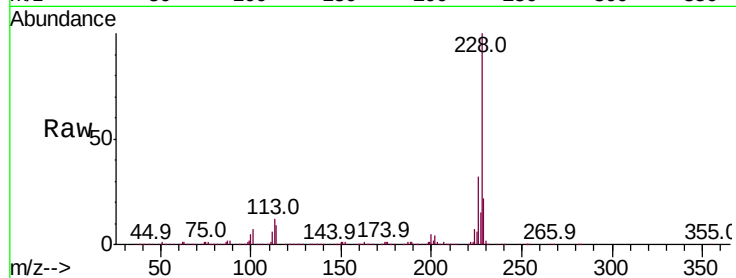
ClientSampleId :

HR-05-102618-AMS

Tot Ion:	228	Resp:	983051
Ion Ratio	Lower	Upper	
228	100		
226	32.4	25.7	38.5
229	21.6	16.5	24.7

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.825 ng

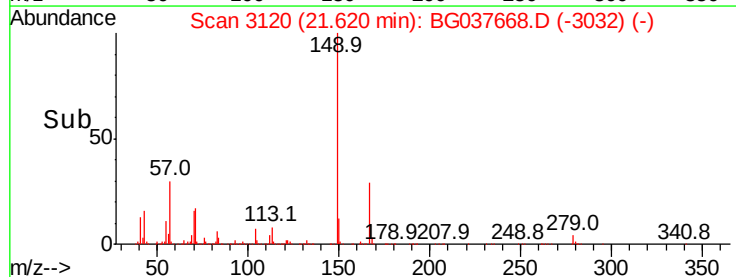
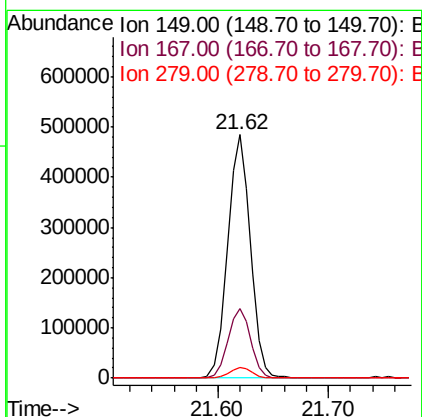
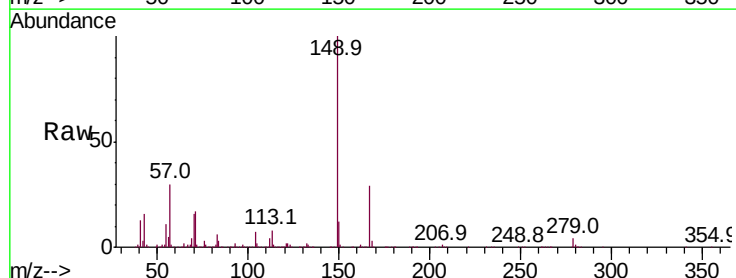
RT: 21.62 min Scan# 3120

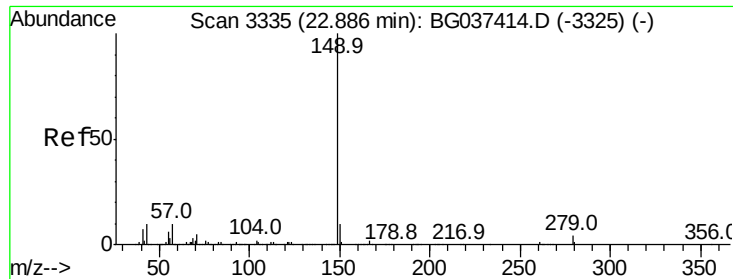
Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Tgt Ion:	149	Resp:	698752
Ion Ratio	Lower	Upper	
149	100		
167	28.8	23.0	34.4
279	4.4	3.6	5.4





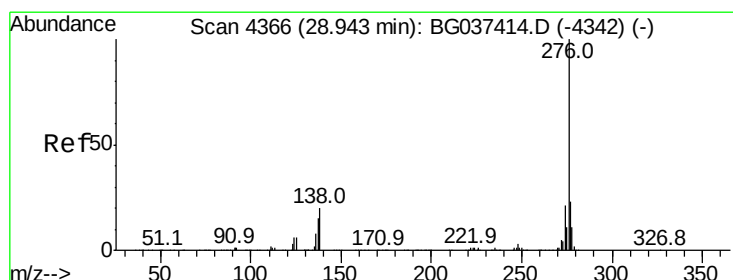
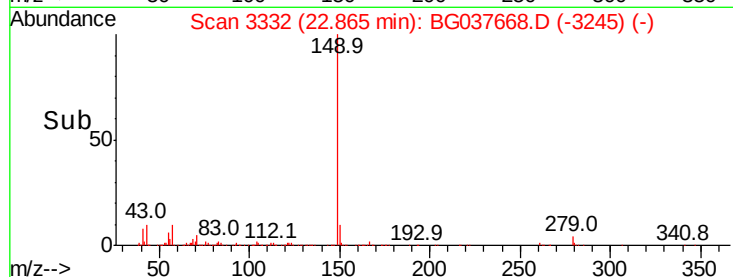
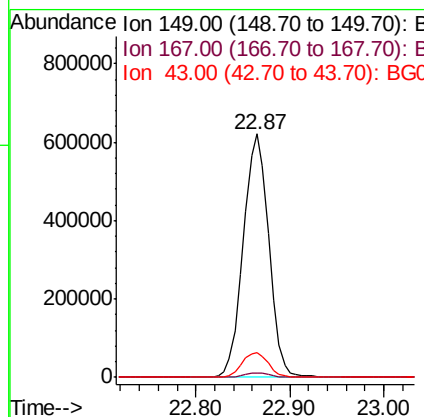
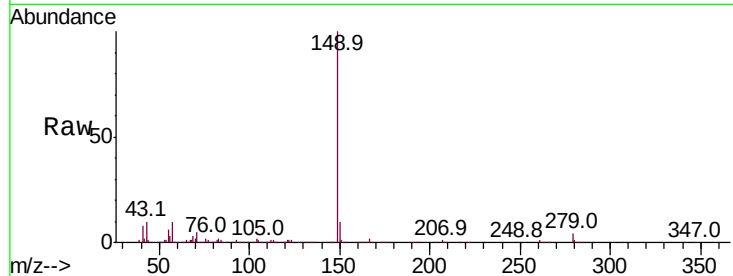
#85
Di-n-octyl phthalate
Concen: 56.132 ng
RT: 22.87 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	10.2	8.7	13.1

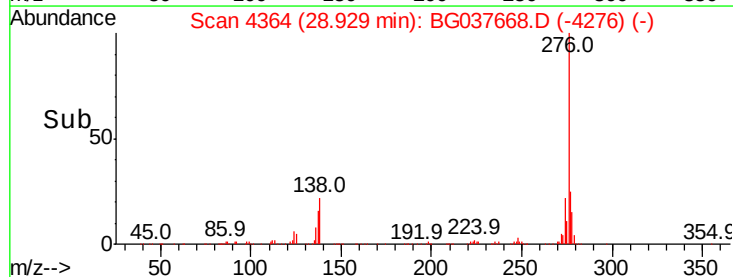
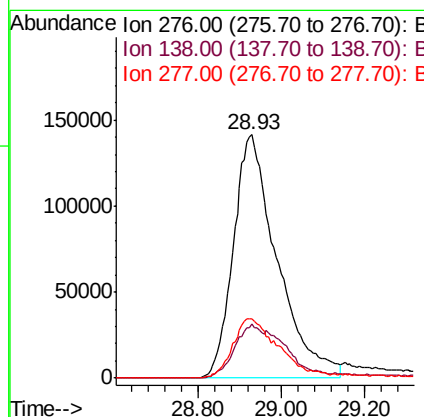
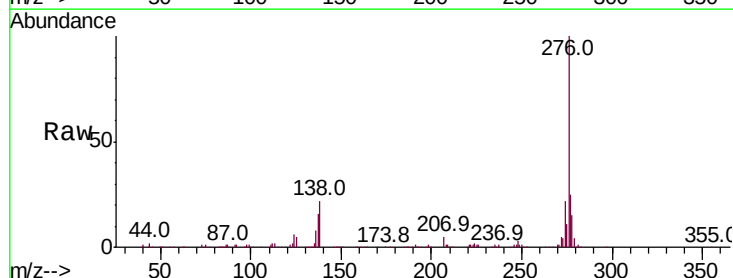
Manual Integrations
APPROVED

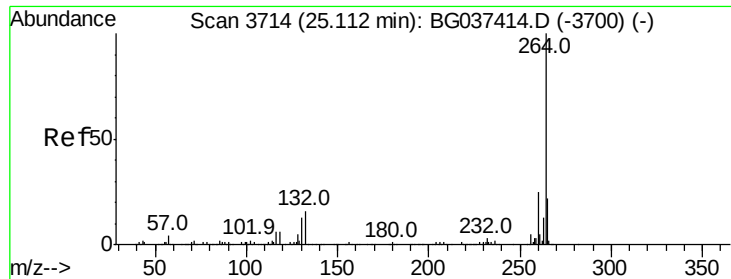
Sohil
10/31/2018 11:54:20 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.690 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.9	12.0	18.0
277	25.7	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Instrument :

BNA_G

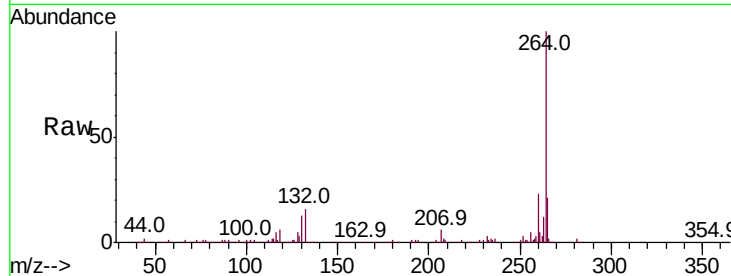
ClientSampleId :

HR-05-102618-AMS

Tot Ion:	264	Resp:	354837
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.2	27.4
265	21.2	17.9	26.9

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM

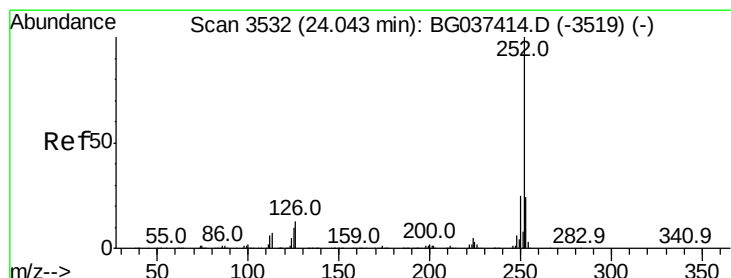
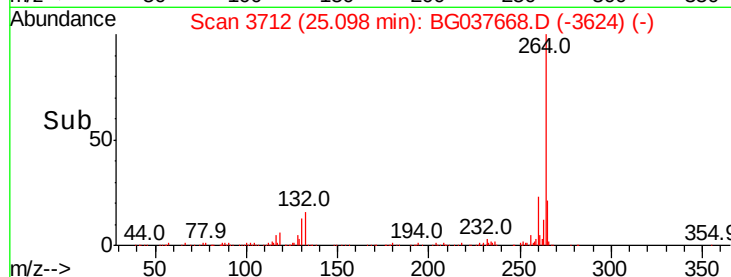
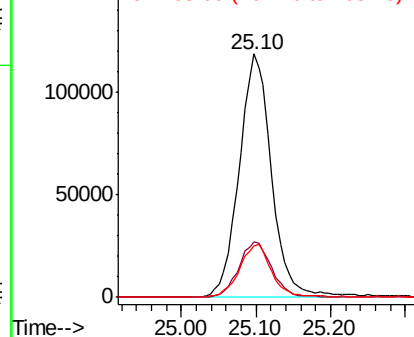


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.366 ng

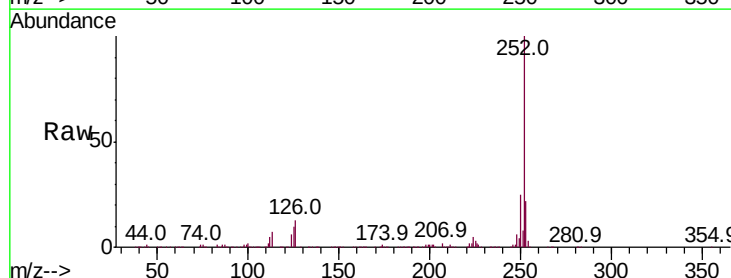
RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037668.D

Acq: 31 Oct 2018 1:08

Tgt Ion:	252	Resp:	1057602
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	10.3	7.8	11.6

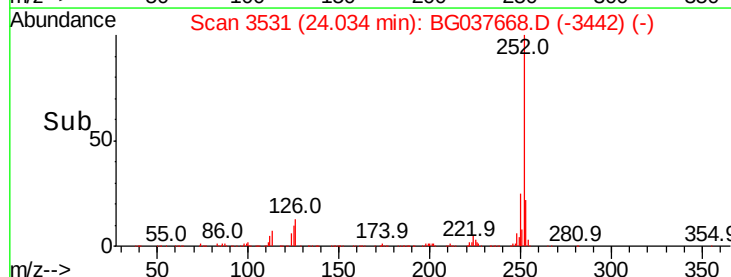
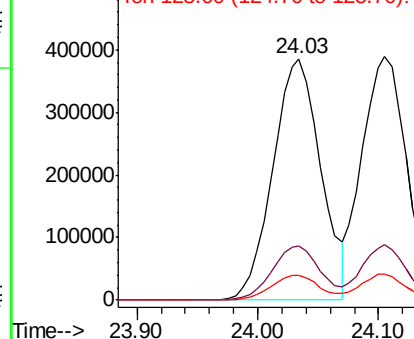


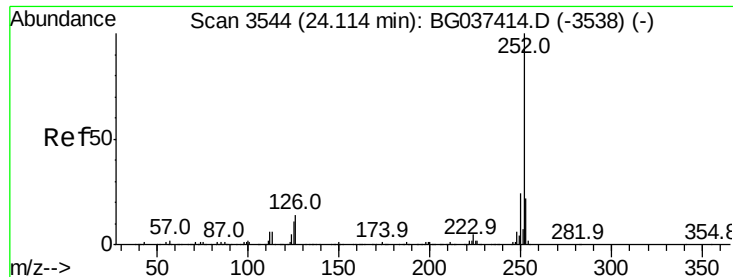
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





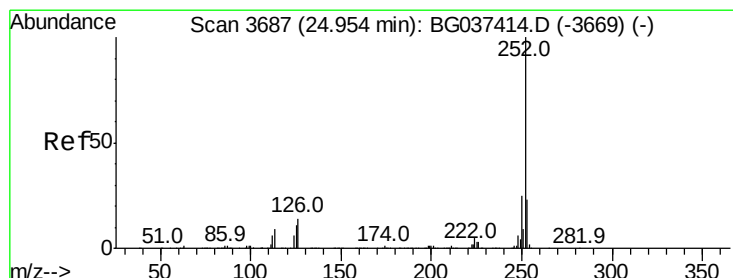
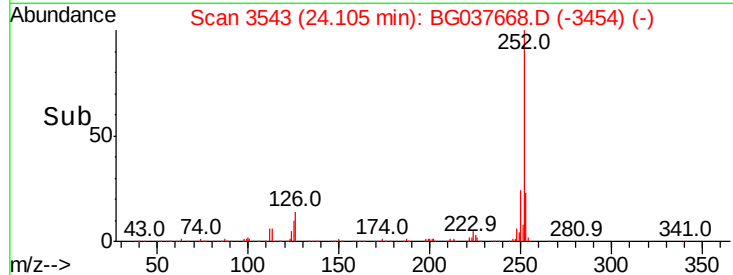
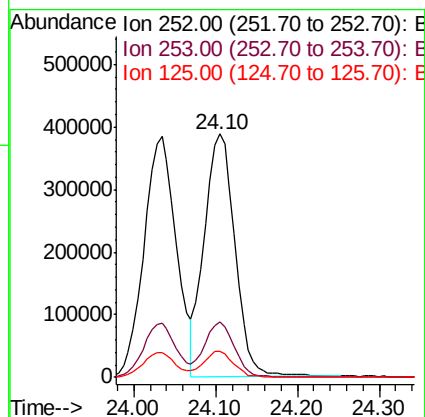
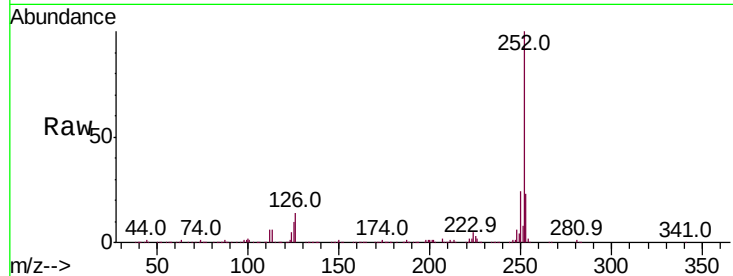
#89
Benzo(k)fluoranthene
Concen: 53.079 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	10.5	7.4	11.0

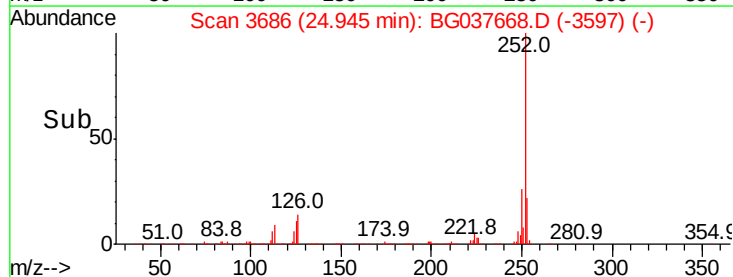
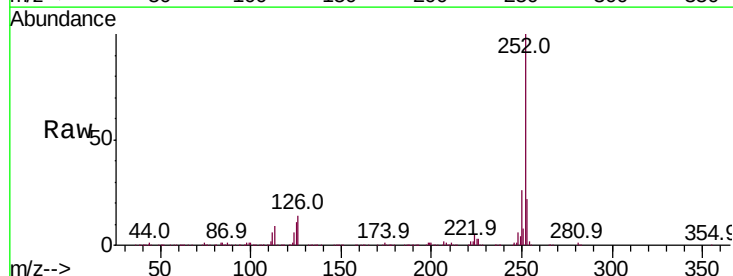
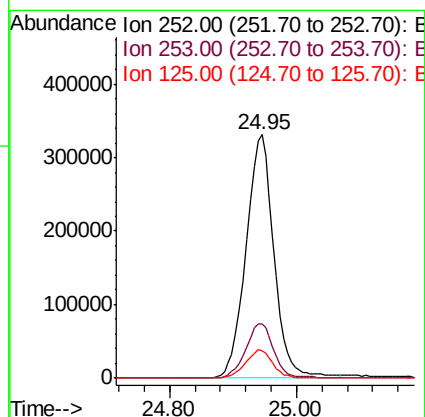
Manual Integrations
APPROVED

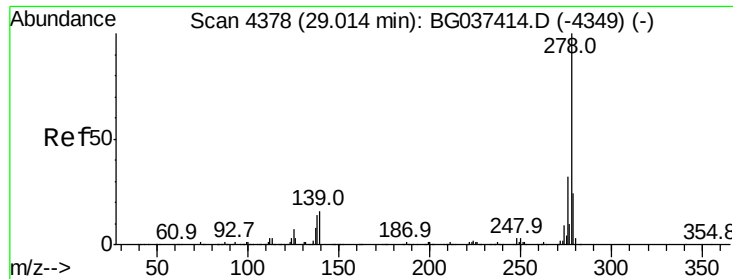
Sohil
10/31/2018 11:54:20 AM



#90
Benzo(a)pyrene
Concen: 54.876 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.0	9.0	13.6





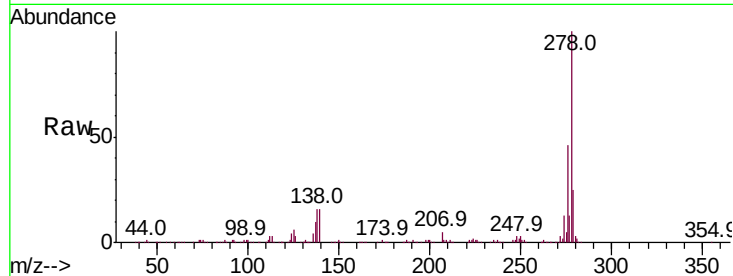
#91
Dibenzo(a,h)anthracene
Concen: 50.466 ng
RT: 28.99 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMS

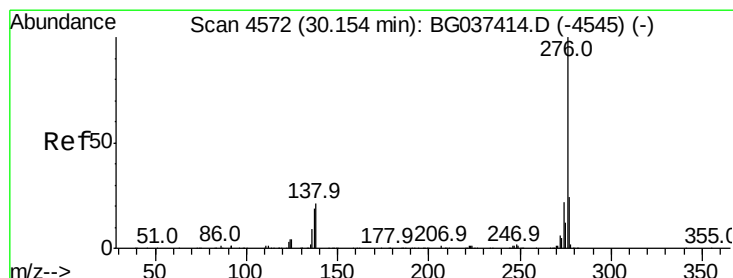
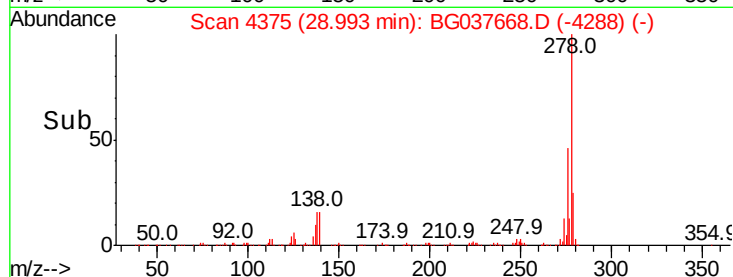
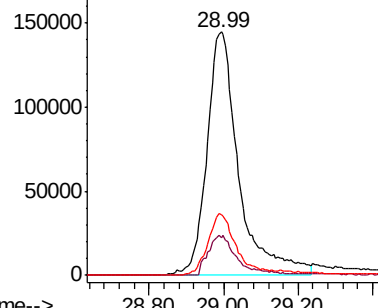
Tot Ion:	278	Resp:	860516
Ion Ratio	Lower	Upper	
278	100		
139	15.5	11.5	17.3
279	24.9	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/31/2018 11:54:20 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.597 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037668.D
Acq: 31 Oct 2018 1:08

Tgt Ion:	276	Resp:	855585
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.9	28.3
138	21.7	17.2	25.8

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

