

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037505.D
 Acq On : 24 Oct 2018 10:56
 Operator : JU/SJ
 Sample : PB114112BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114112BS

Manual Integrations
 APPROVED

Sohil
 10/24/2018 1:43:06 PM

Quant Time: Oct 24 11:44:31 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	8.11	152	71186	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	347475	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	229638	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	541702	20.00	ng	0.00
76) Chrysene-d12	21.77	240	473340	20.00	ng	0.00
87) Perylene-d12	25.11	264	484233	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	656125	154.10	ng	0.00
7) Phenol-d6	7.26	99	918847	142.71	ng	0.00
23) Nitrobenzene-d5	9.29	82	480835	77.52	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	336804	134.47	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1136727	74.64	ng	0.00
79) Terphenyl-d14	20.08	244	1349282	60.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	53666	24.853	ng	98
3) Pyridine	3.93	79	151762	27.885	ng	96
4) n-Nitrosodimethylamine	3.85	42	89968	46.411	ng	# 95
6) Aniline	7.43	93	304648	38.786	ng	97
8) 2-Chlorophenol	7.67	128	235713	47.321	ng	97
9) Benzaldehyde	7.24	77	117215	29.103	ng	93
10) Phenol	7.29	94	321241	47.288	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	215163	41.702	ng	94
12) 1,3-Dichlorobenzene	7.99	146	218010	39.314	ng	98
13) 1,4-Dichlorobenzene	8.14	146	226910	40.003	ng	98
14) 1,2-Dichlorobenzene	8.46	146	218690	40.079	ng	100
15) Benzyl Alcohol	8.35	79	221553	46.570	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	403942	43.755	ng	98
17) 2-Methylphenol	8.54	107	219574	48.890	ng	99
18) Hexachloroethane	9.19	117	80943	41.857	ng	94
19) n-Nitroso-di-n-propylamine	8.91	70	183787	41.453	ng	96
20) 3+4-Methylphenols	8.87	107	303371	47.245	ng	98
22) Acetophenone	8.94	105	347280	39.851	ng	# 99
24) Nitrobenzene	9.33	77	263119	40.833	ng	96
25) Isophorone	9.85	82	526652	46.468	ng	97
26) 2-Nitrophenol	10.04	139	132848	45.764	ng	99
27) 2,4-Dimethylphenol	10.08	122	258014	49.781	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	318582	42.904	ng	100
29) 2,4-Dichlorophenol	10.57	162	256882	44.514	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	243907	38.866	ng	96
31) Naphthalene	10.98	128	722252	42.318	ng	99
32) Benzoic acid	10.23	122	187870	55.807	ng	99
33) 4-Chloroaniline	11.09	127	203046	25.320	ng	96
34) Hexachlorobutadiene	11.24	225	140064	37.658	ng	95
35) Caprolactam	11.89	113	100474m	43.411	ng	
36) 4-Chloro-3-methylphenol	12.19	107	287273	44.141	ng	97
37) 2-Methylnaphthalene	12.57	142	550152	44.220	ng	100
38) 1-Methylnaphthalene	12.80	142	529618	43.835	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	280934	37.928	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037505.D
 Acq On : 24 Oct 2018 10:56
 Operator : JU/SJ
 Sample : PB114112BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB114112BS

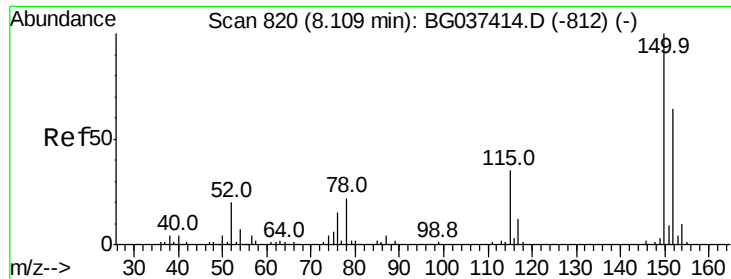
Manual Integrations
 APPROVED

Sohil
 10/24/2018 1:43:06 PM

Quant Time: Oct 24 11:44:31 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	330034	93.278	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	219568	44.370	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	238516	44.270	ng	96
46) 1,1'-Biphenyl	13.58	154	719691	37.843	ng	98
47) 2-Chloronaphthalene	13.63	162	565841	39.327	ng	98
48) 2-Nitroaniline	13.83	65	192270	44.067	ng	96
49) Acenaphthylene	14.47	152	934671	43.185	ng	99
50) Dimethylphthalate	14.19	163	743896	41.874	ng	100
51) 2,6-Dinitrotoluene	14.32	165	168470	42.867	ng	98
52) Acenaphthene	14.81	154	549465	41.222	ng	98
53) 3-Nitroaniline	14.65	138	150217	34.431	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	166263	88.853	ng	94
55) Dibenzofuran	15.14	168	873255	39.541	ng	98
56) 4-Nitrophenol	14.95	139	300593	93.080	ng	97
57) 2,4-Dinitrotoluene	15.11	165	236197	45.785	ng	97
58) Fluorene	15.79	166	709277	42.887	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	207888	45.065	ng	98
60) Diethylphthalate	15.55	149	759433	41.639	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	371100	38.498	ng	99
62) 4-Nitroaniline	15.82	138	191050	44.069	ng	91
63) Azobenzene	16.07	77	717442	41.228	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	128890	45.813	ng	97
66) n-Nitrosodiphenylamine	15.99	169	658429	40.408	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	236938	39.830	ng	98
68) Hexachlorobenzene	16.78	284	237778	38.567	ng	98
69) Atrazine	16.93	200	251685	42.721	ng	98
70) Pentachlorophenol	17.13	266	306211	74.147	ng	98
71) Phenanthrene	17.53	178	1151913	41.841	ng	97
72) Anthracene	17.62	178	1170077	43.308	ng	97
73) Carbazole	17.89	167	1072646	39.690	ng	98
74) Di-n-butylphthalate	18.43	149	1278590	42.529	ng	99
75) Fluoranthene	19.54	202	1310377	41.965	ng	98
77) Benzidine	19.72	184	655727	40.742	ng	99
78) Pyrene	19.89	202	1253677	40.516	ng	97
80) Butylbenzylphthalate	20.77	149	588189	46.447	ng	97
81) Benzo(a)anthracene	21.75	228	1215285	43.407	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	338836	31.223	ng	98
83) Chrysene	21.82	228	1136975	42.233	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	811448	45.713	ng	98
85) Di-n-octyl phthalate	22.87	149	1363726	47.113	ng	100
86) Indeno(1,2,3-cd)pyrene	28.94	276	1327556	45.976	ng	99
88) Benzo(b)fluoranthene	24.04	252	1218224	45.889	ng	98
89) Benzo(k)fluoranthene	24.11	252	1137880	43.749	ng	98
90) Benzo(a)pyrene	24.95	252	1175076	46.582	ng	98
91) Dibenzo(a,h)anthracene	29.02	278	1079706	46.400	ng	98
92) Benzo(g,h,i)perylene	30.15	276	1105028	46.939	ng	99

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



#1

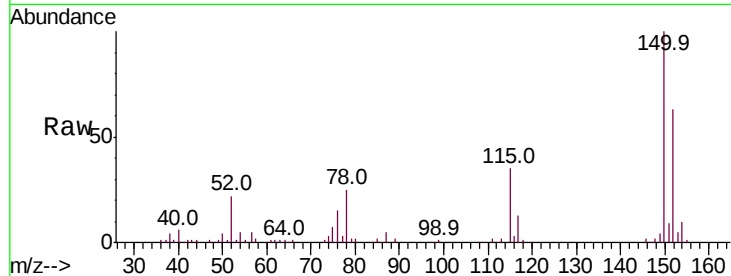
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.0	189.0
115	55.4	45.5	68.3

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM

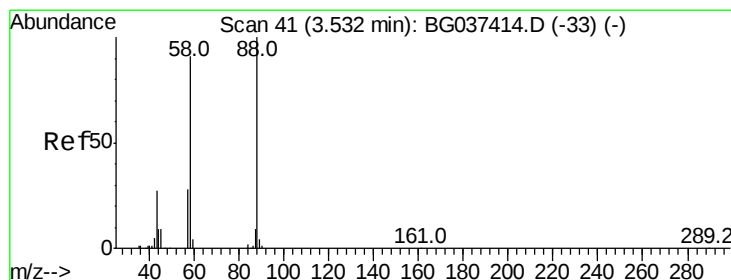
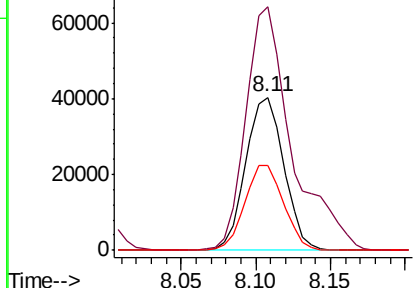
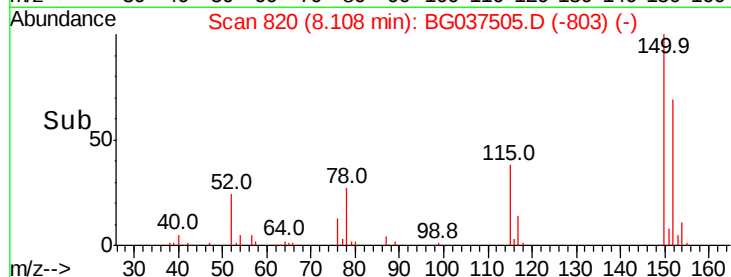


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

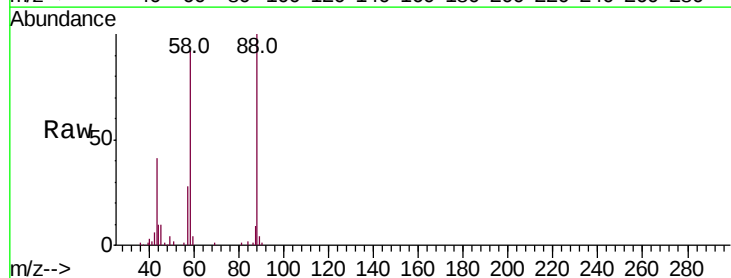
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.853 ng
RT: 3.53 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.6	74.4	111.6
43	36.4	25.8	38.8

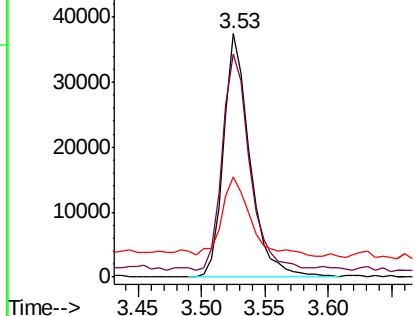
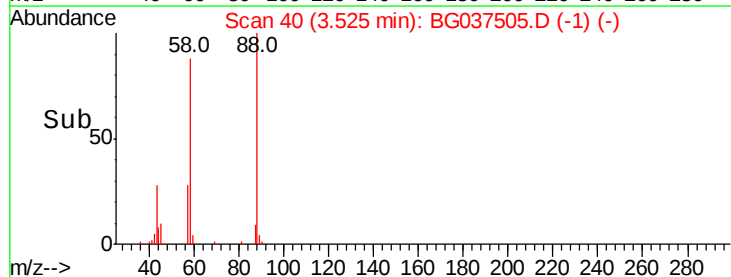


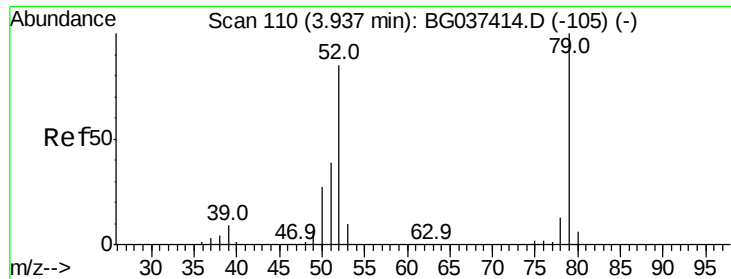
Abundance

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: 27.885 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

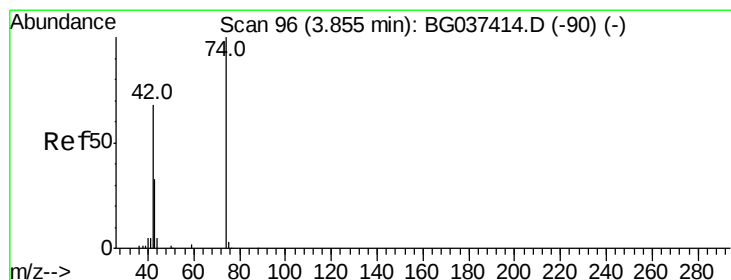
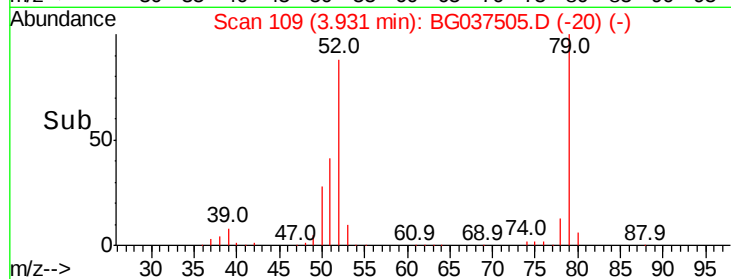
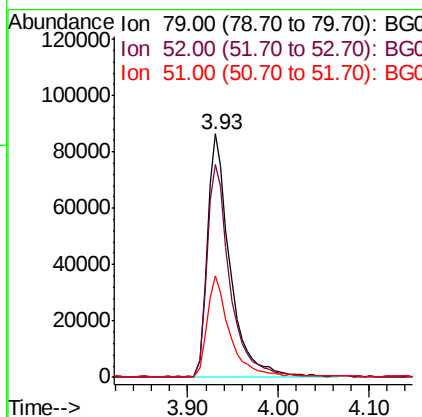
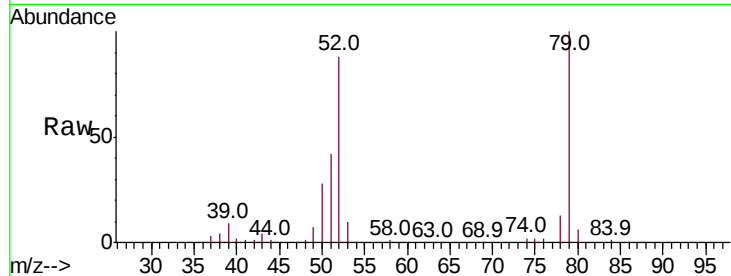
ClientSampleId :

PB114112BS

Tot Ion:	79	Resp:	151762
Ion Ratio	Lower	Upper	
79	100		
52	87.5	74.2	111.2
51	41.6	34.6	51.8

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#4

n-Nitrosodimethylamine

Concen: 46.411 ng

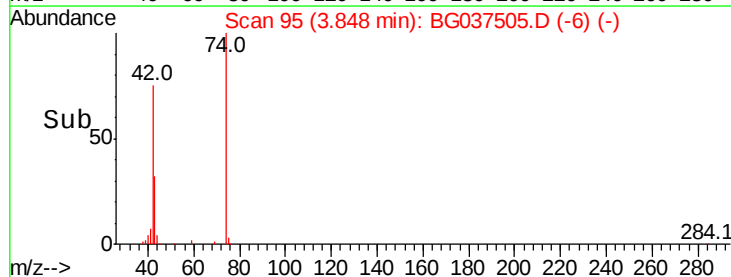
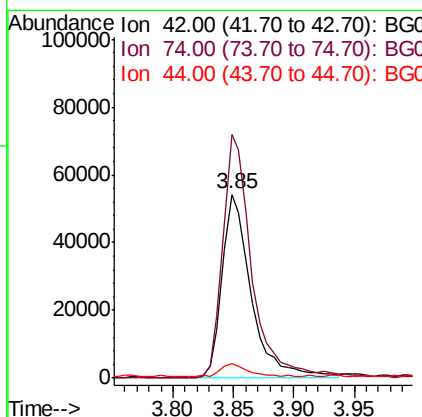
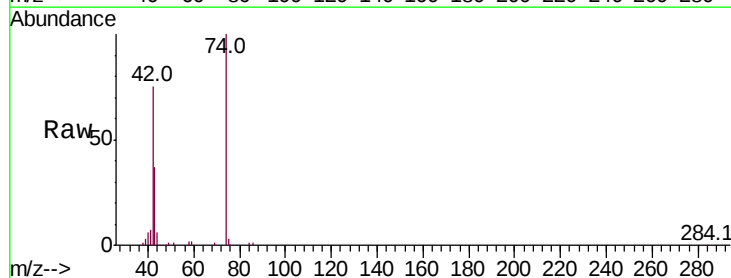
RT: 3.85 min Scan# 95

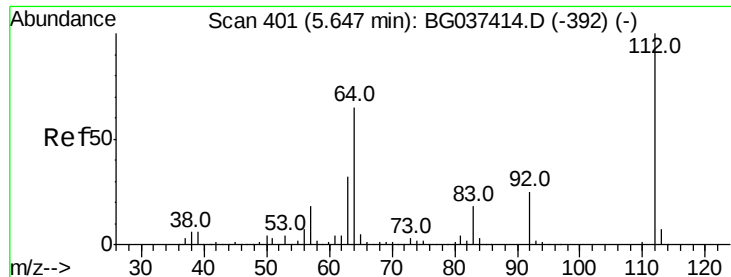
Delta R.T. -0.01 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Tgt Ion:	42	Resp:	89968
Ion Ratio	Lower	Upper	
42	100		
74	132.7	102.0	153.0
44	7.7	9.6	14.4#





#5

2-Fluorophenol

Concen: 154.096 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

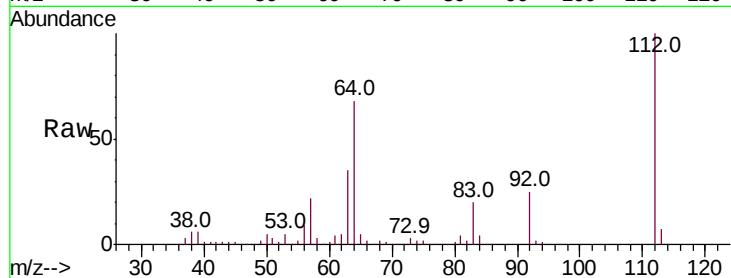
ClientSampleId :

PB114112BS

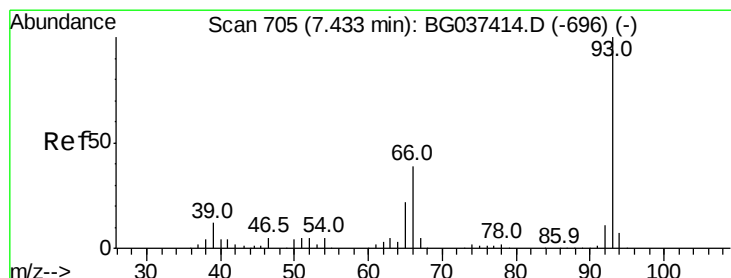
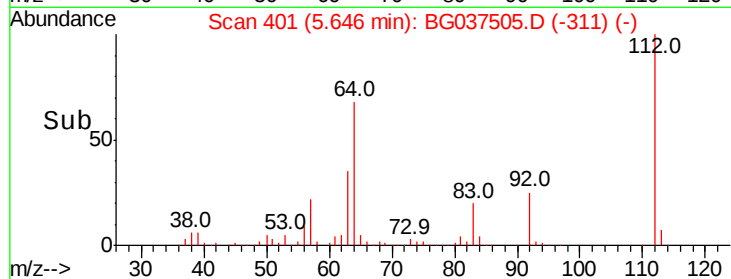
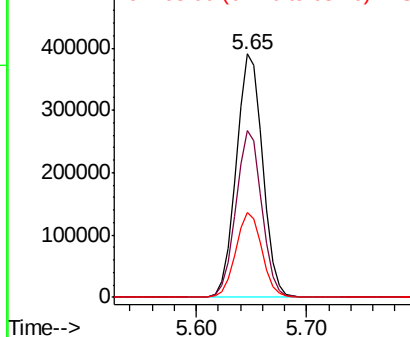
Tot Ion:	112	Resp:	656125
Ion Ratio	Lower	Upper	
112	100		
64	68.5	53.1	79.7
63	34.7	27.3	40.9

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.786 ng

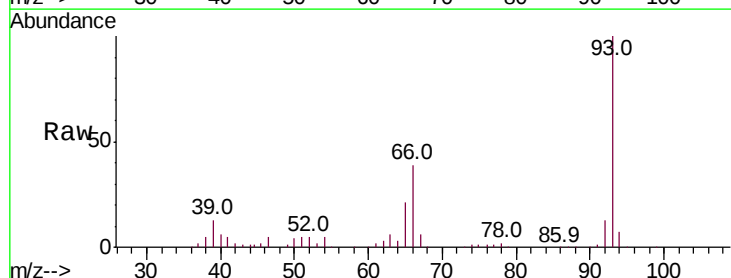
RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

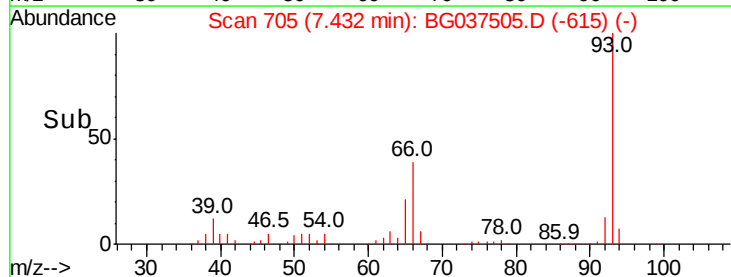
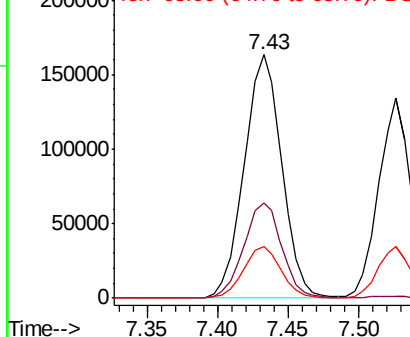
Lab File: BG037505.D

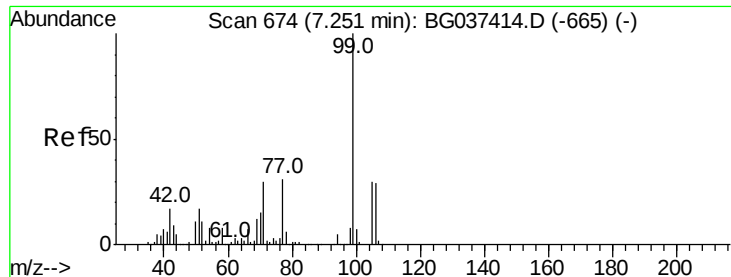
Acq: 24 Oct 2018 10:56

Tgt Ion:	93	Resp:	304648
Ion Ratio	Lower	Upper	
93	100		
66	38.9	32.8	49.2
65	21.5	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.712 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

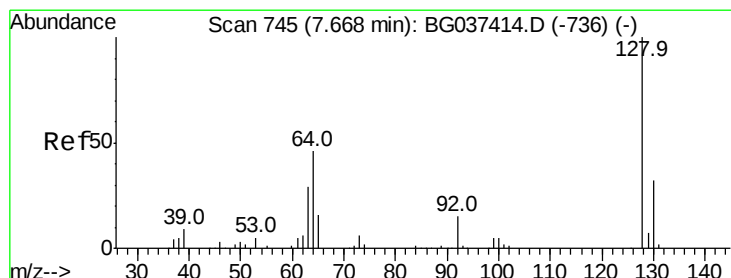
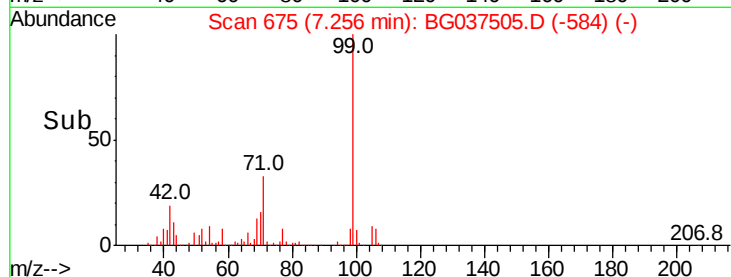
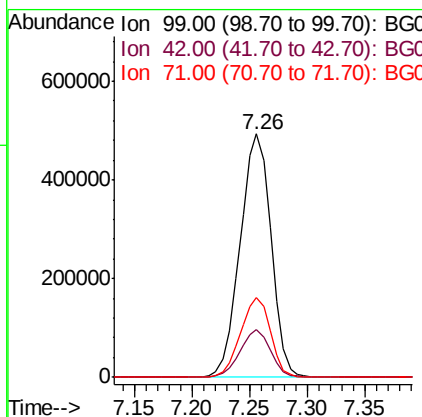
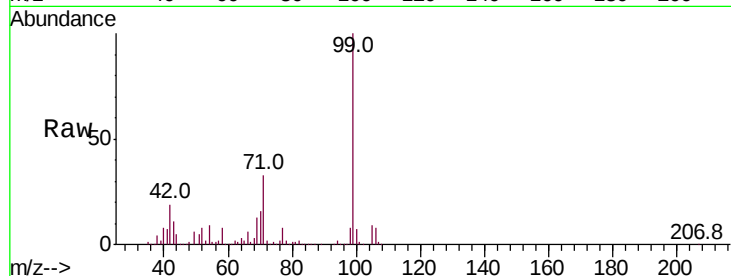
ClientSampleId :

PB114112BS

Tot Ion:	99	Resp:	918847
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.0	22.4
71	32.6	25.5	38.3

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#8

2-Chlorophenol

Concen: 47.321 ng

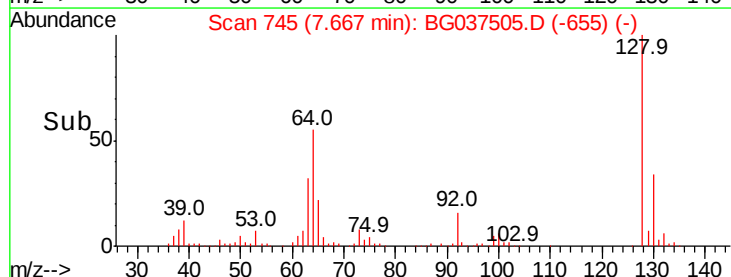
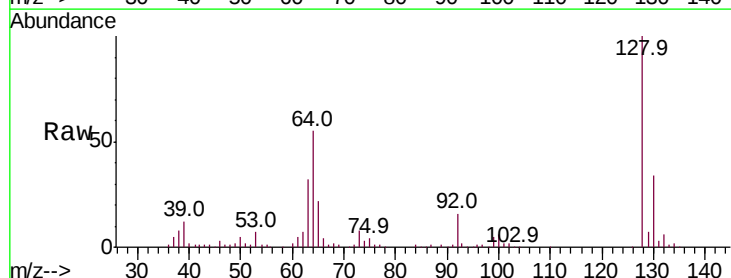
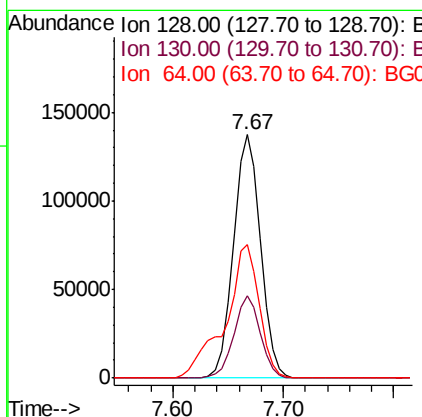
RT: 7.67 min Scan# 745

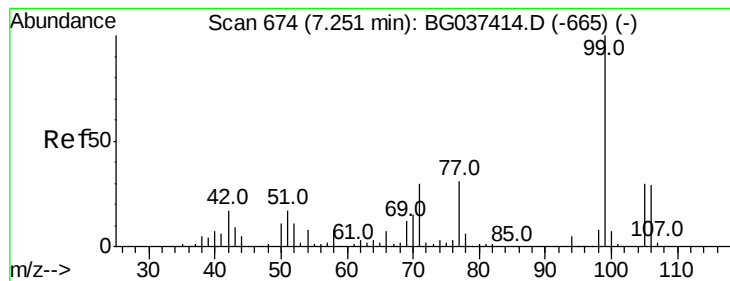
Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Tgt Ion:	128	Resp:	235713
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.0	52.0
64	55.0	32.9	72.9





#9

Benzaldehyde

Concen: 29.103 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

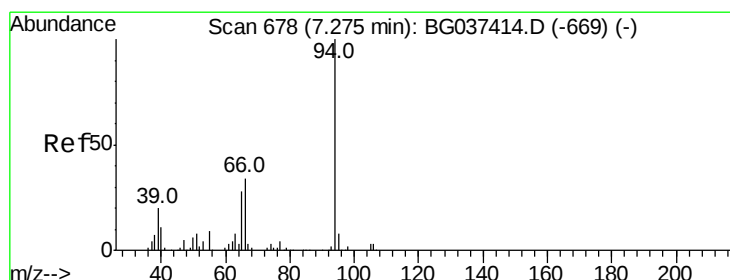
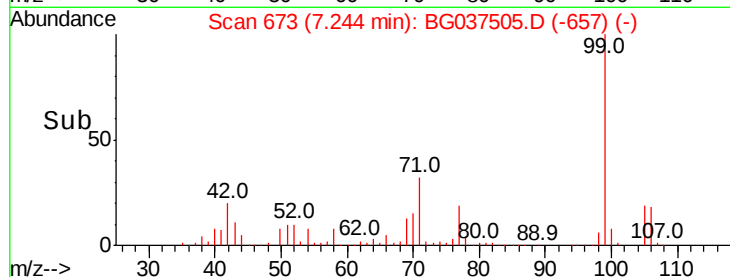
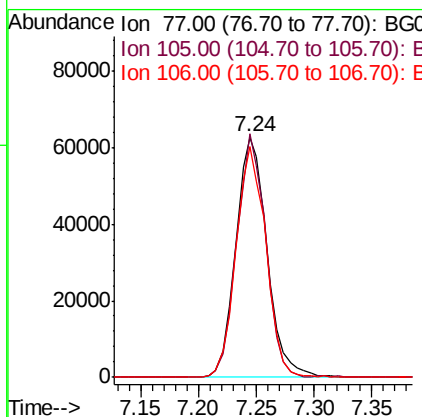
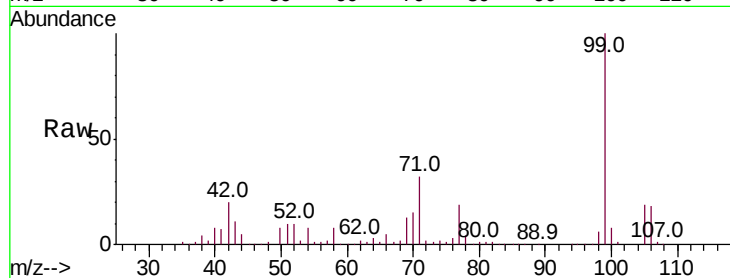
ClientSampleId :

PB114112BS

Tot Ion:	77	Resp:	117215
Ion Ratio	Lower	Upper	
77	100		
105	101.5	72.6	112.6
106	96.0	71.3	111.3

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#10

Phenol

Concen: 47.288 ng

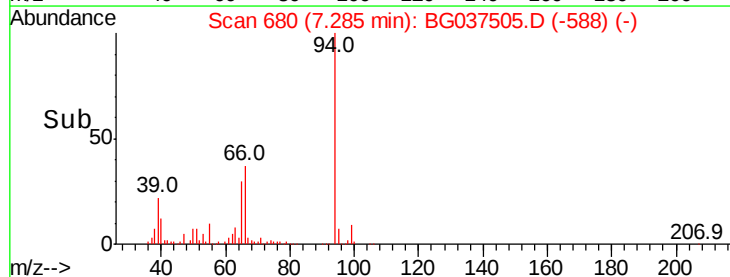
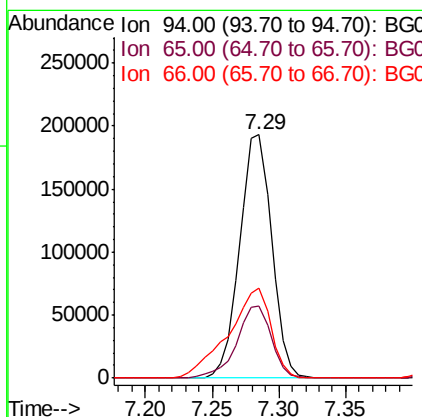
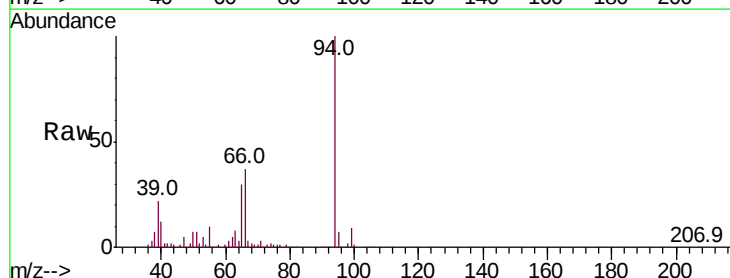
RT: 7.29 min Scan# 680

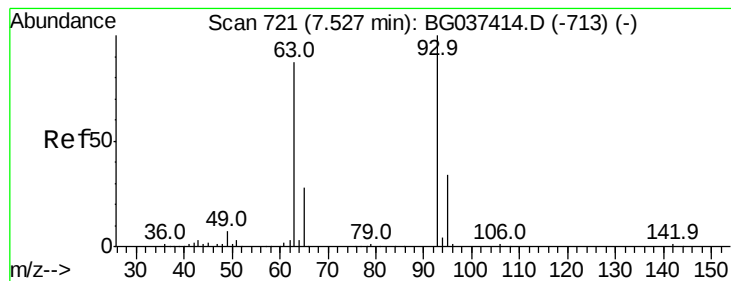
Delta R.T. 0.01 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Tgt Ion:	94	Resp:	321241
Ion Ratio	Lower	Upper	
94	100		
65	29.5	9.7	49.7
66	36.9	15.9	55.9





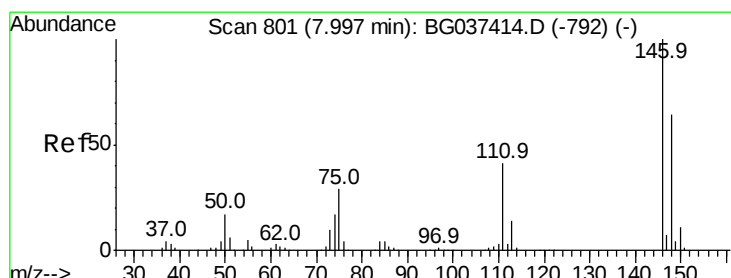
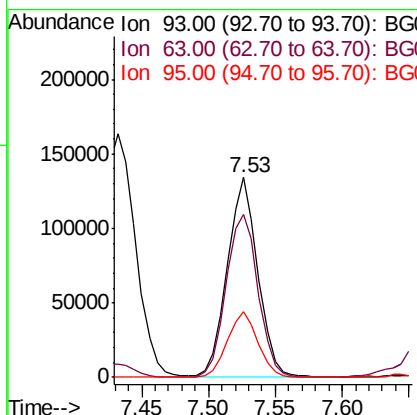
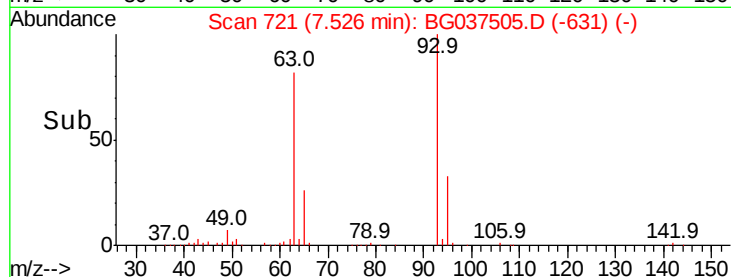
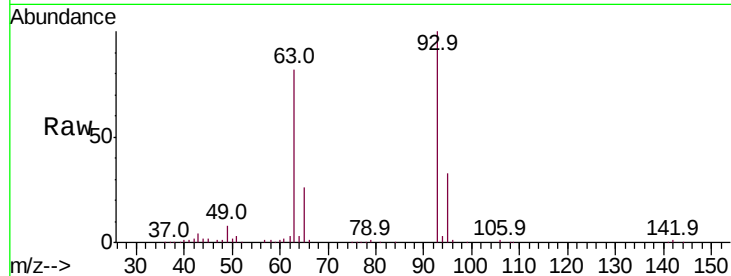
#11
bis(2-Chloroethyl)ether
Concen: 41.702 ng
RT: 7.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.8	69.5	109.5
95	32.8	12.6	52.6

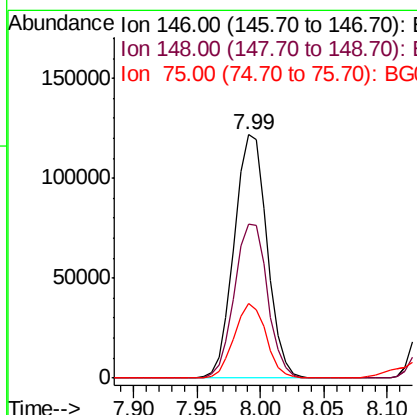
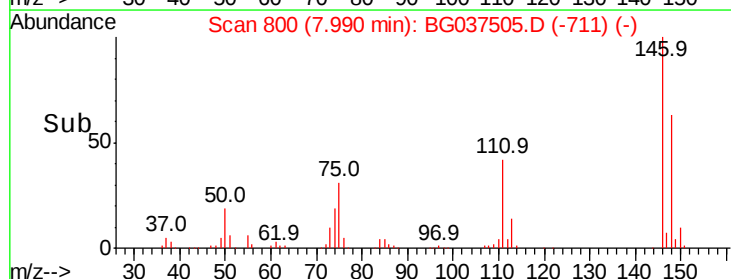
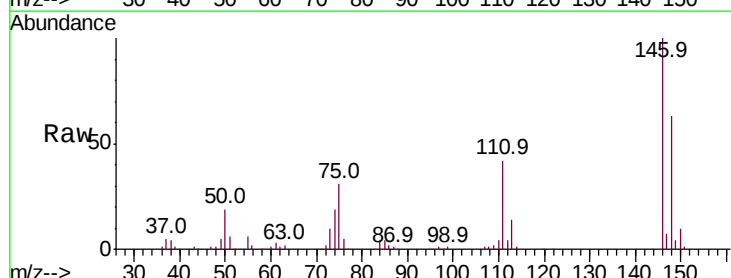
Manual Integrations
APPROVED

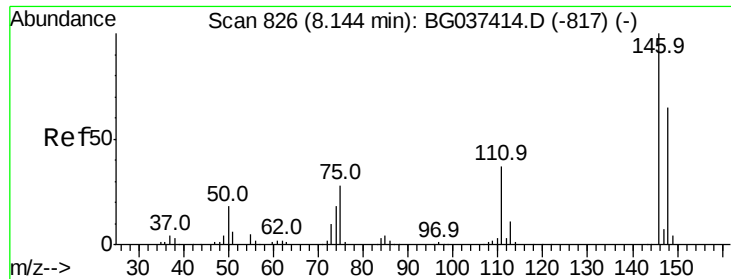
Sohil
10/24/2018 1:43:06 PM



#12
1,3-Dichlorobenzene
Concen: 39.314 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.8	74.8
75	30.5	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 40.003 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

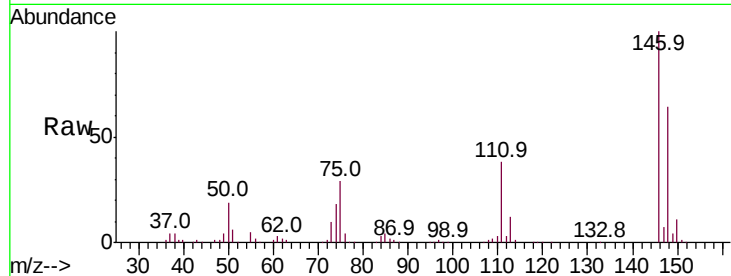
ClientSampleId :

PB114112BS

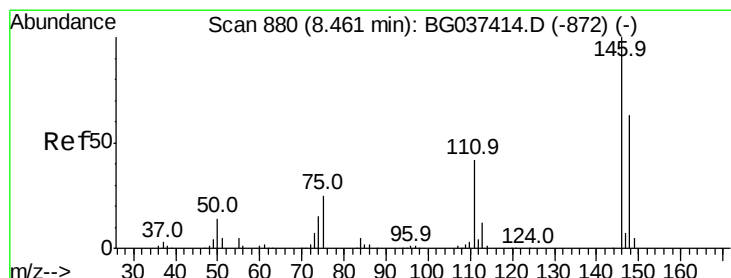
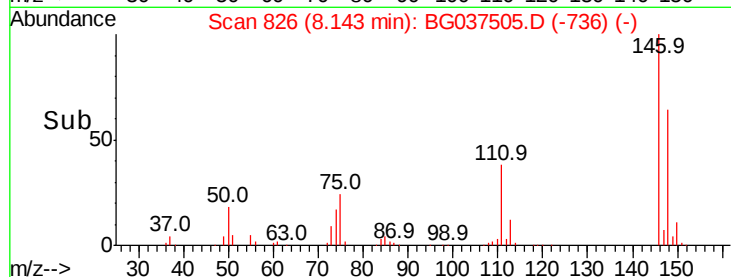
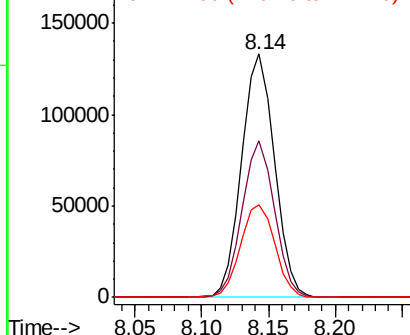
Tot Ion:	146	Resp:	226910
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.0	76.6
111	37.8	32.4	48.6

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.079 ng

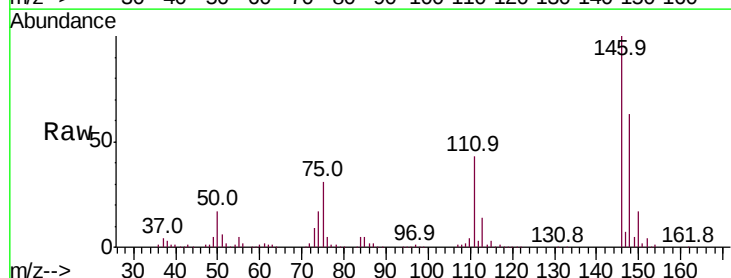
RT: 8.46 min Scan# 880

Delta R.T. -0.00 min

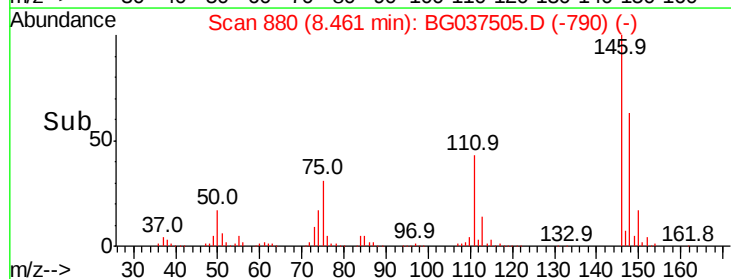
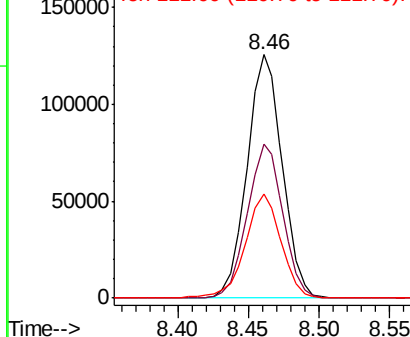
Lab File: BG037505.D

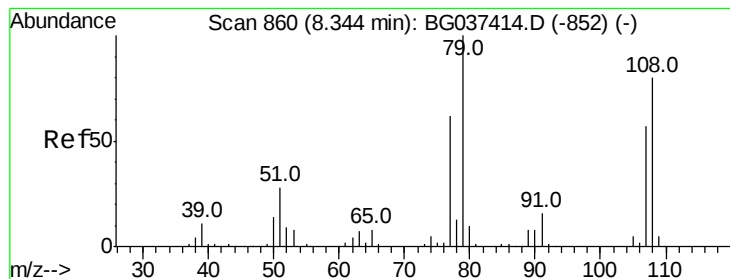
Acq: 24 Oct 2018 10:56

Tgt Ion:	146	Resp:	218690
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.4	75.6
111	42.9	34.6	51.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.570 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

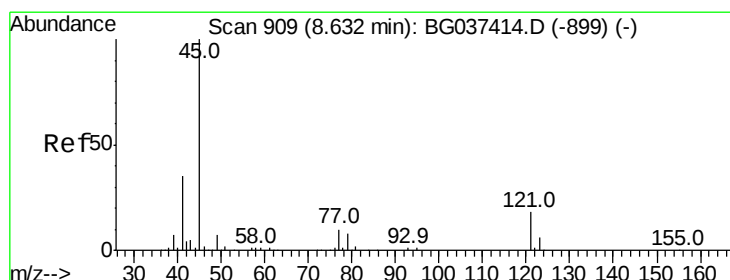
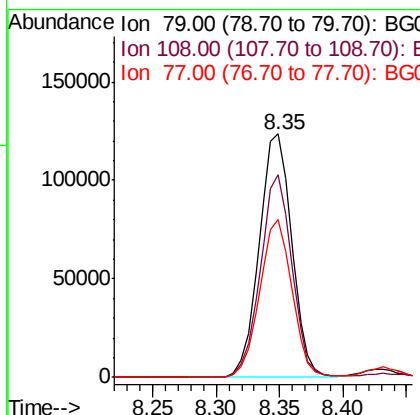
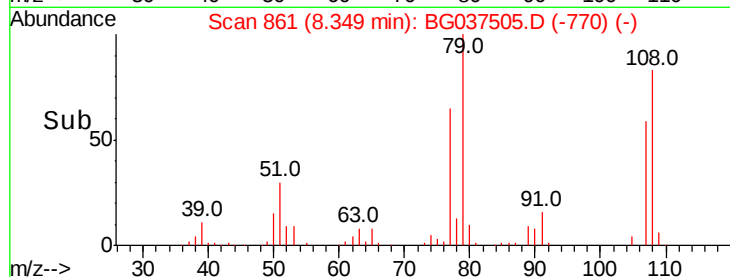
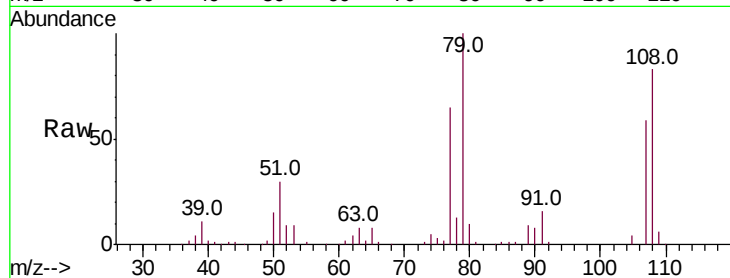
ClientSampleId :

PB114112BS

Tot Ion:	79	Resp:	221553
Ion Ratio	Lower	Upper	
79	100		
108	83.1	65.8	98.8
77	64.9	52.9	79.3

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.755 ng

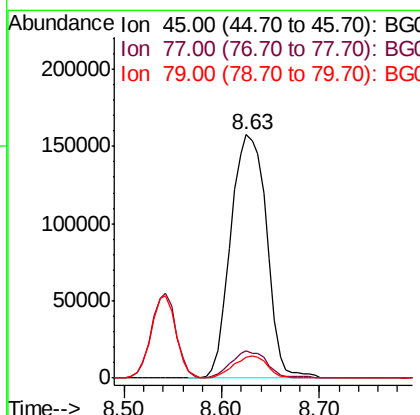
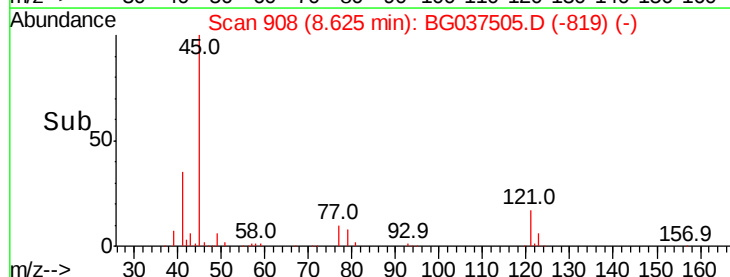
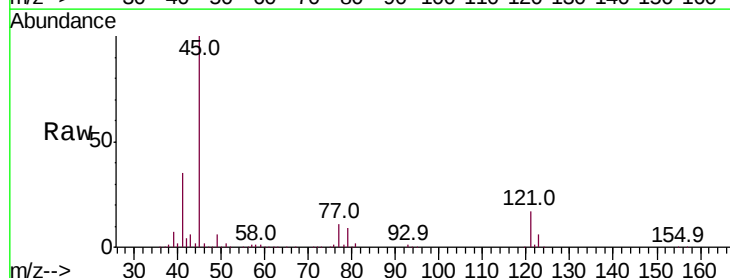
RT: 8.63 min Scan# 908

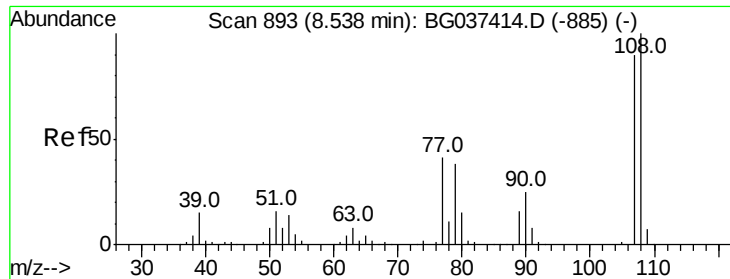
Delta R.T. -0.01 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Tgt Ion:	45	Resp:	403942
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.0
79	8.7	0.0	29.0





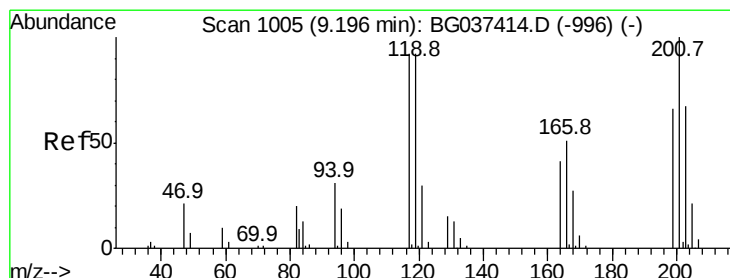
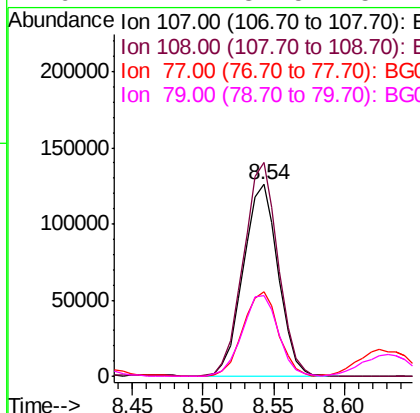
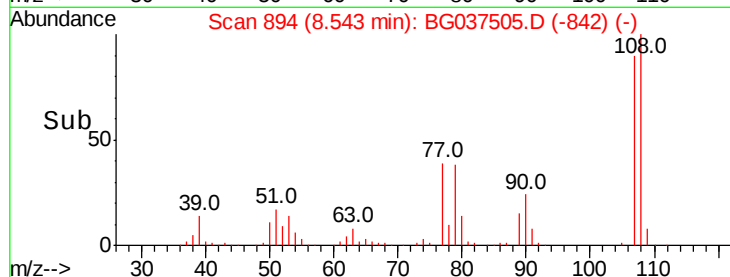
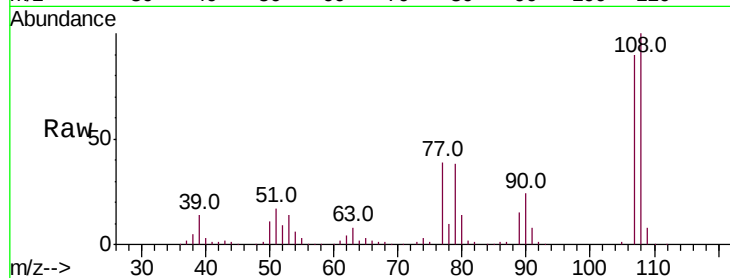
#17
2-Methylphenol
Concen: 48.890 ng
RT: 8.54 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	87.9	131.9
77	43.9	35.1	52.7
79	42.1	34.5	51.7

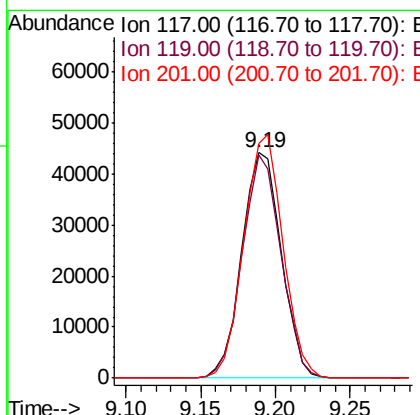
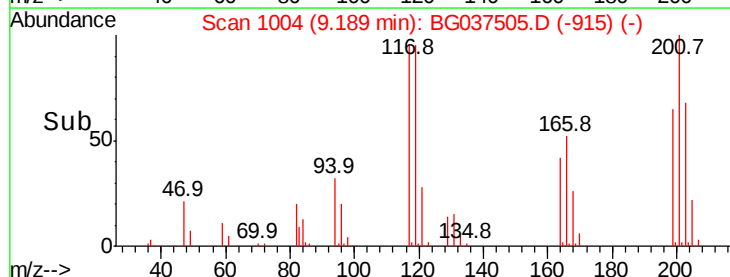
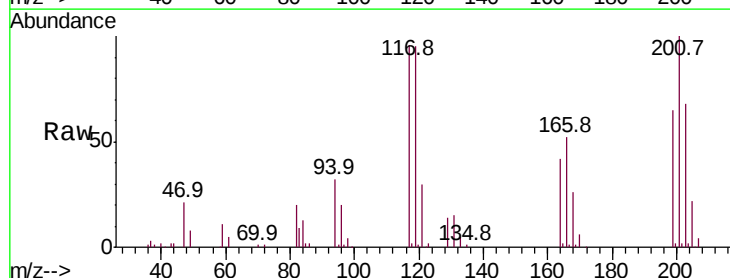
Manual Integrations
APPROVED

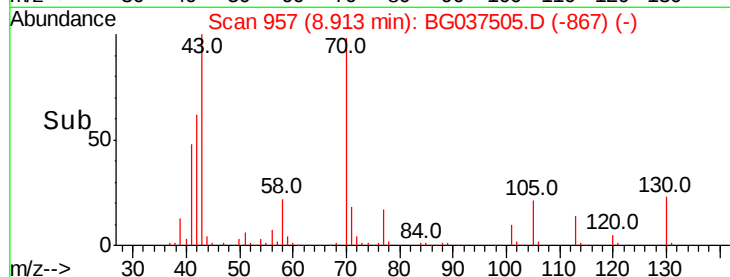
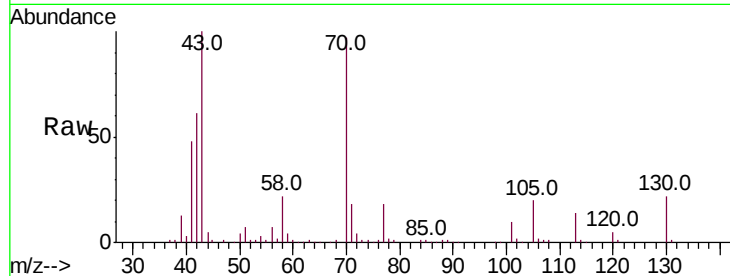
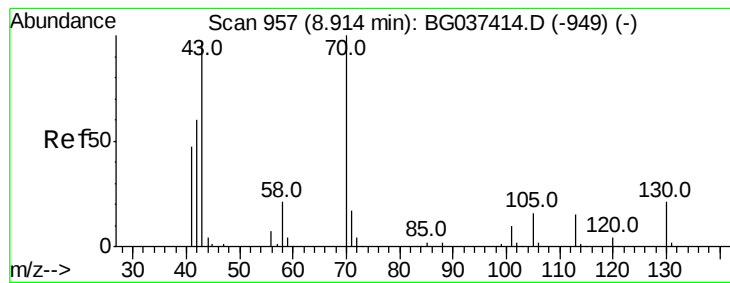
Sohil
10/24/2018 1:43:06 PM



#18
Hexachloroethane
Concen: 41.857 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	74.6	111.8
201	106.2	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.453 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

ClientSampleId :

PB114112BS

Tot Ion: 70 Resp: 183787

Ion Ratio Lower Upper

70 100

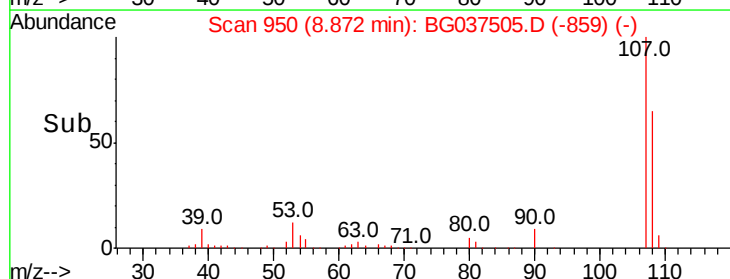
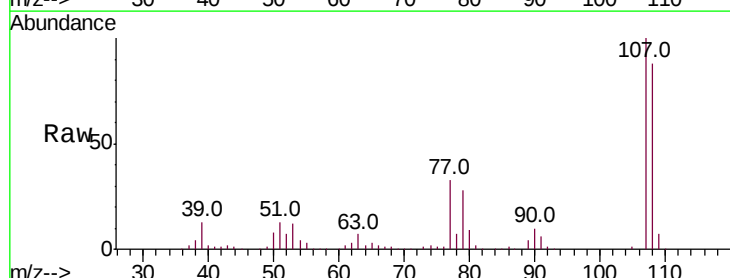
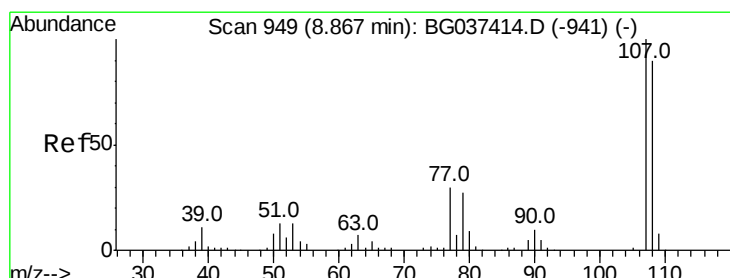
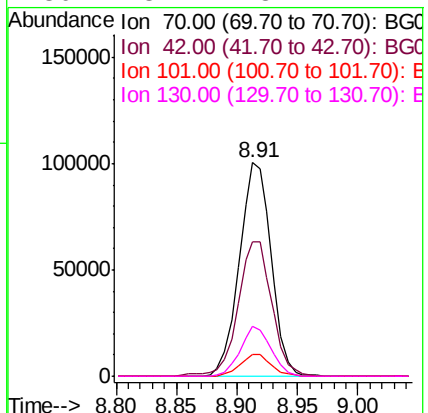
42 63.0 53.9 80.9

101 10.3 8.2 12.2

130 23.1 18.2 27.4

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#20

3+4-Methylphenols

Concen: 47.245 ng

RT: 8.87 min Scan# 950

Delta R.T. 0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Tgt Ion: 107 Resp: 303371

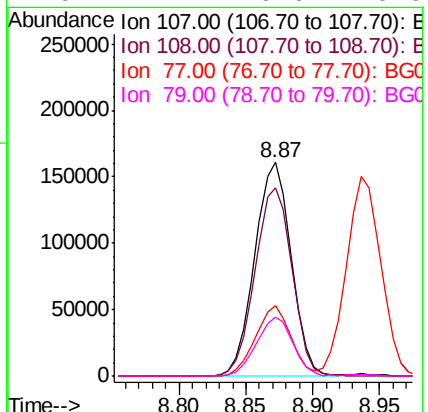
Ion Ratio Lower Upper

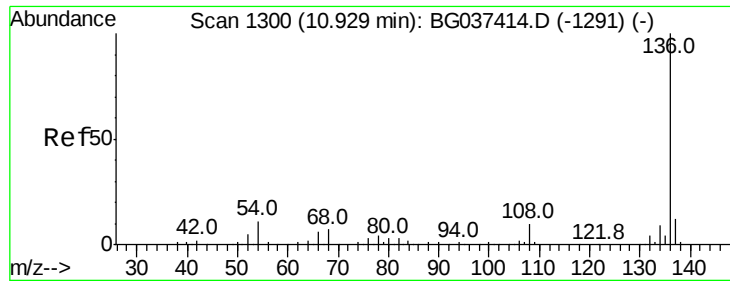
107 100

108 88.1 69.9 109.9

77 33.3 11.2 51.2

79 27.7 6.6 46.6





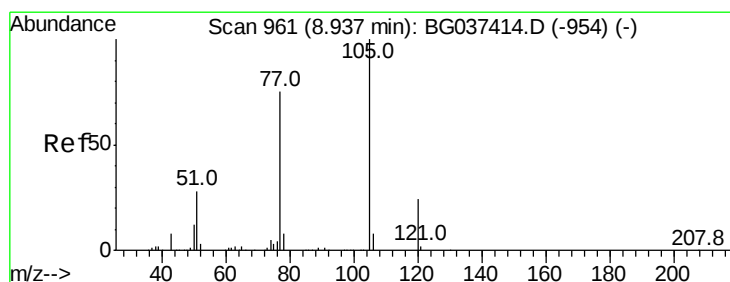
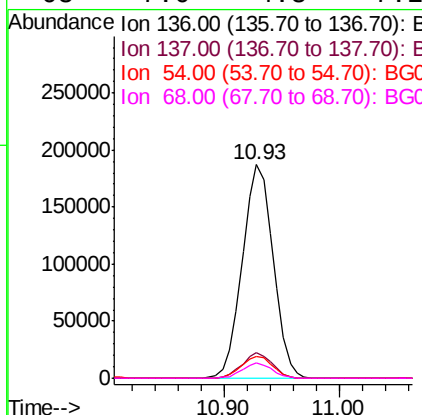
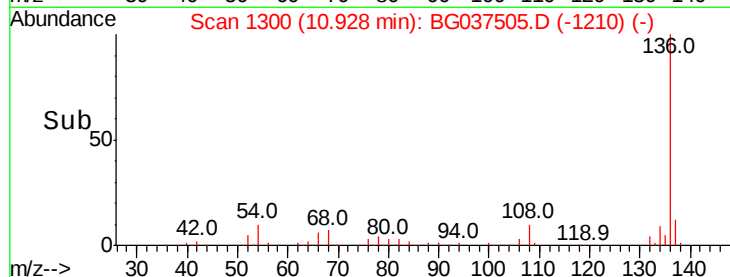
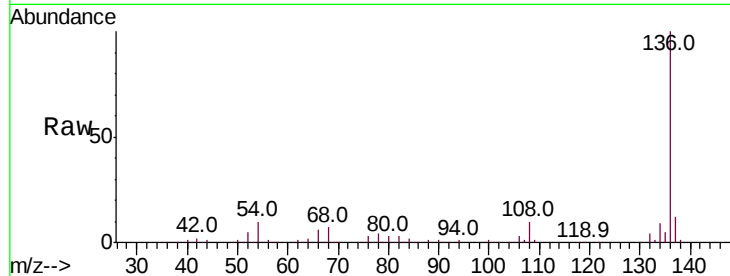
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.0	9.6	14.4	
54	10.4	7.9	11.9	
68	7.0	4.8	7.2	

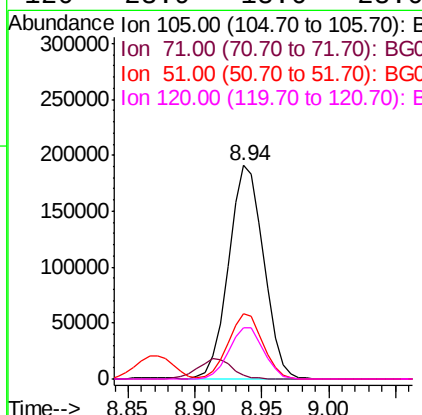
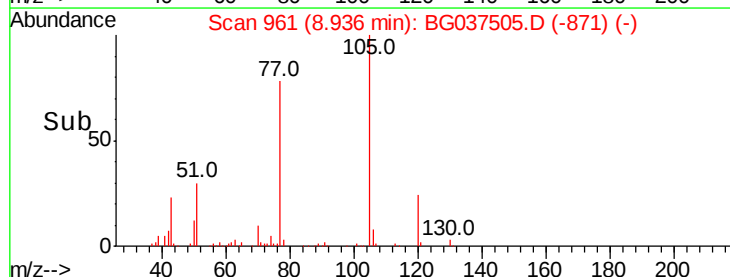
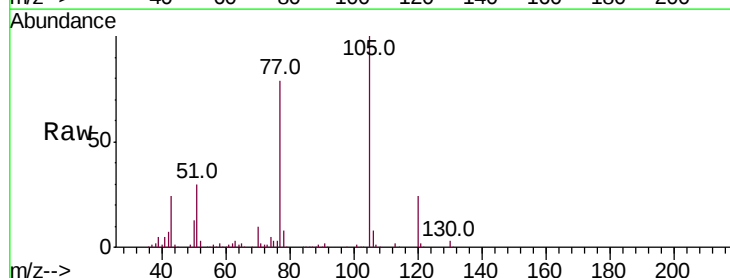
Manual Integrations
APPROVED

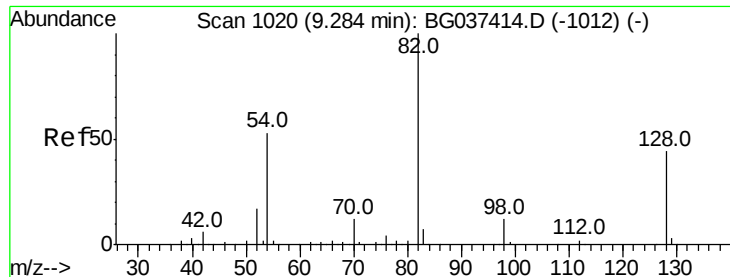
Sohil
10/24/2018 1:43:06 PM



#22
Acetophenone
Concen: 39.851 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	1.2	1.8#	
51	30.4	25.0	37.6	
120	23.9	18.6	28.0	





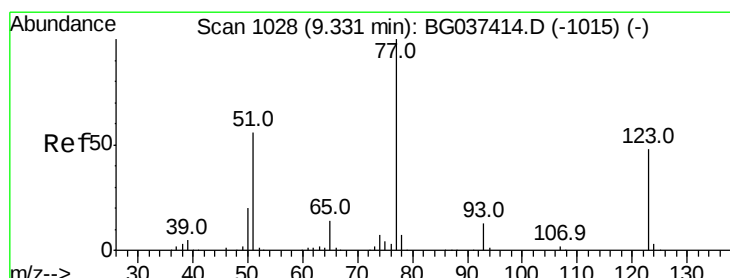
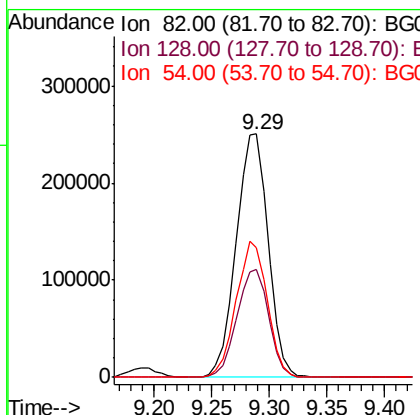
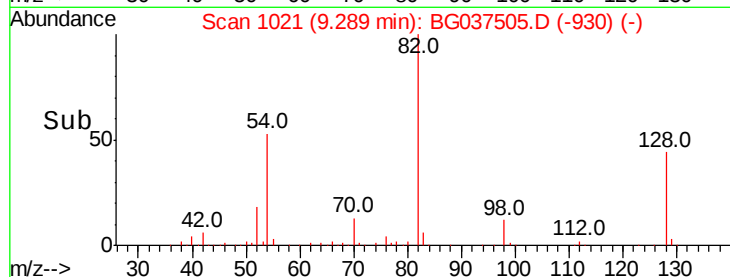
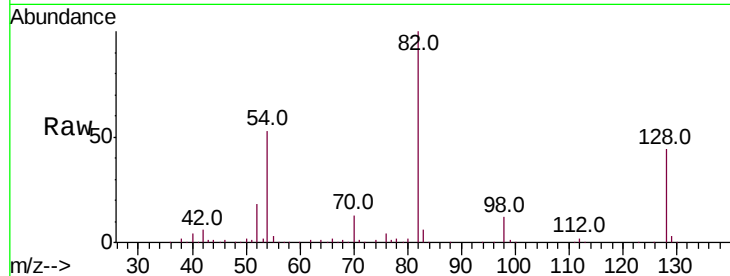
#23
Nitrobenzene-d5
Concen: 77.519 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	34.6	51.8	
54	53.5	45.3	67.9	

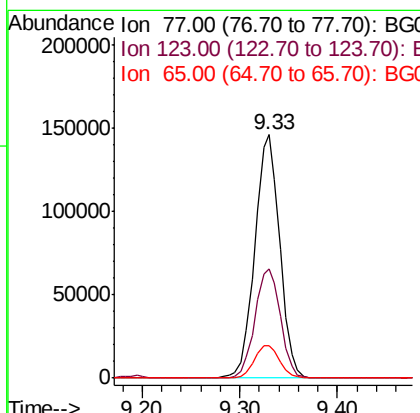
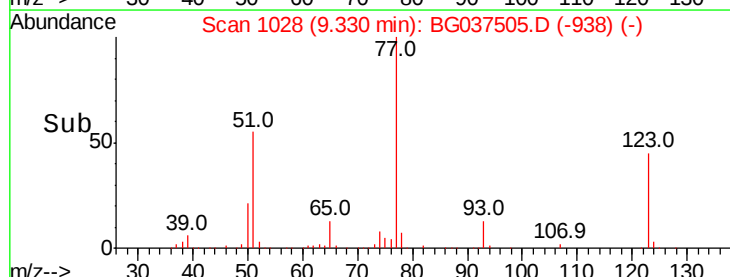
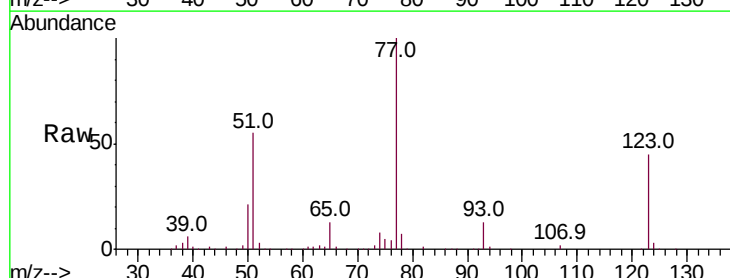
Manual Integrations
APPROVED

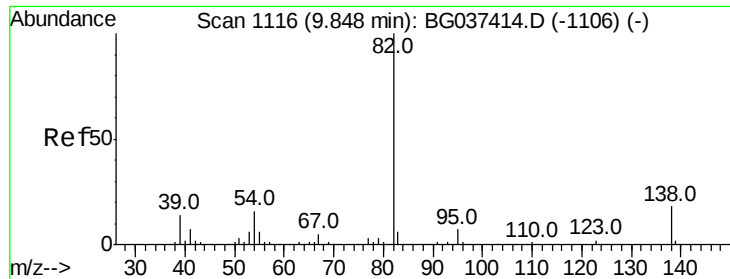
Sohil
10/24/2018 1:43:06 PM



#24
Nitrobenzene
Concen: 40.833 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.7	33.6	50.4	
65	13.2	11.3	16.9	





#25

Isophorone

Concen: 46.468 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

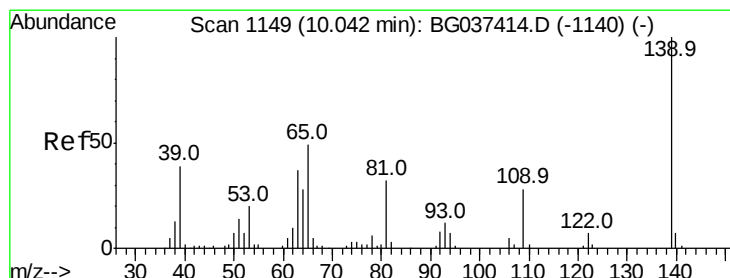
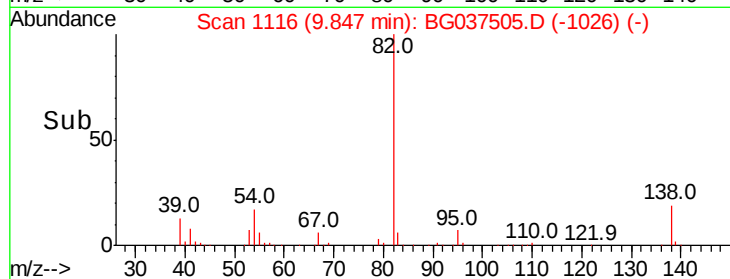
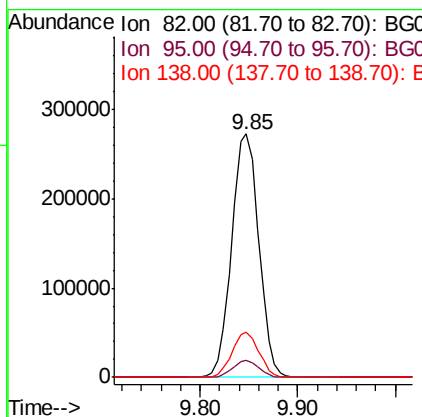
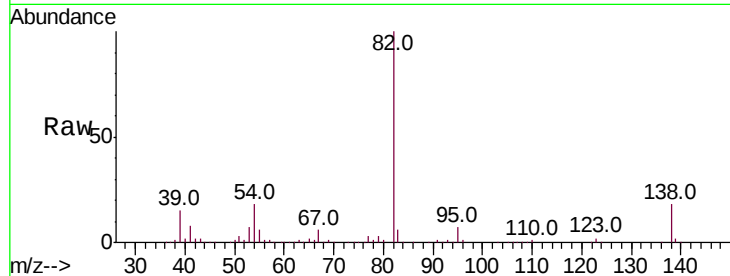
ClientSampleId :

PB114112BS

Tot Ion:	82	Resp:	526652
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.5	13.3	19.9

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#26

2-Nitrophenol

Concen: 45.764 ng

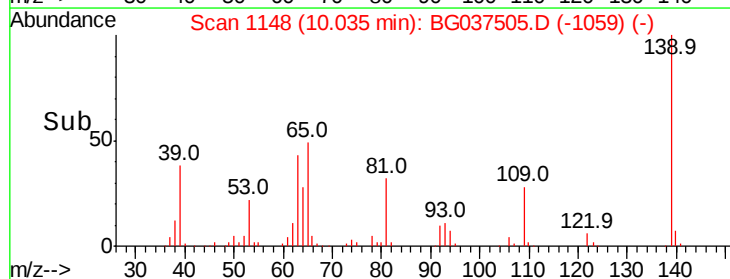
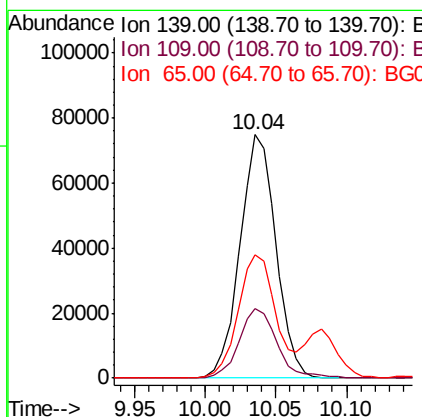
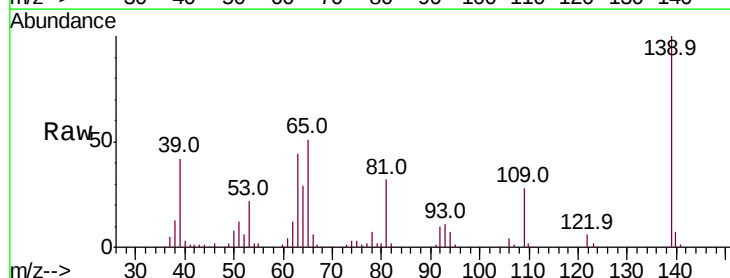
RT: 10.04 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Tgt Ion:	139	Resp:	132848
Ion Ratio	Lower	Upper	
139	100		
109	28.3	23.3	34.9
65	50.6	39.8	59.8





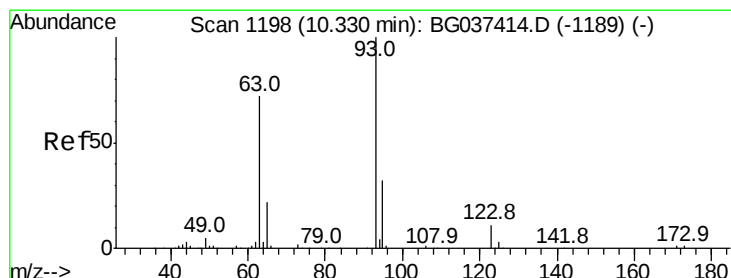
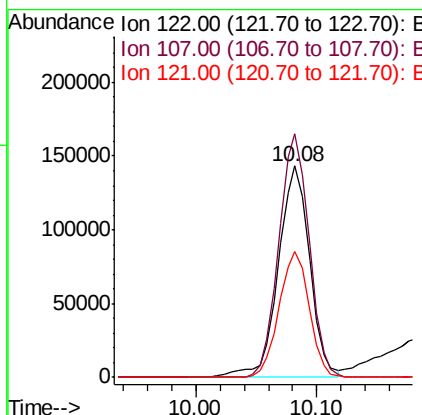
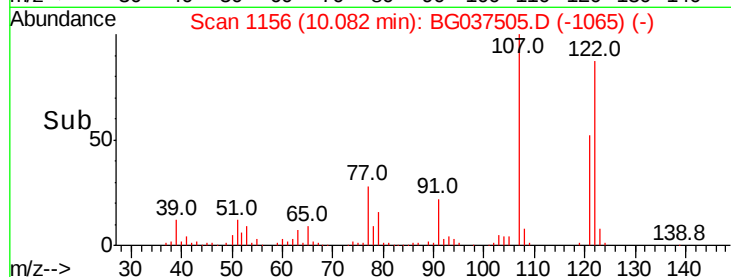
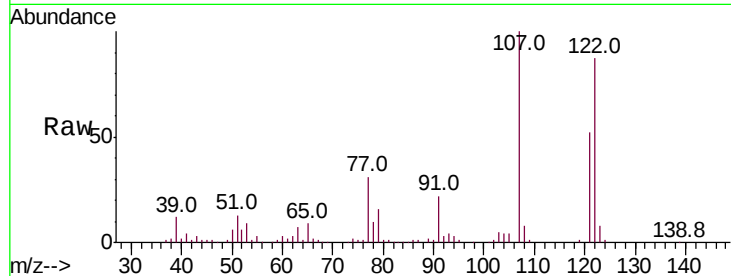
#27
2,4-Dimethylphenol
Concen: 49.781 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	94.2	141.2
121	59.8	47.3	70.9

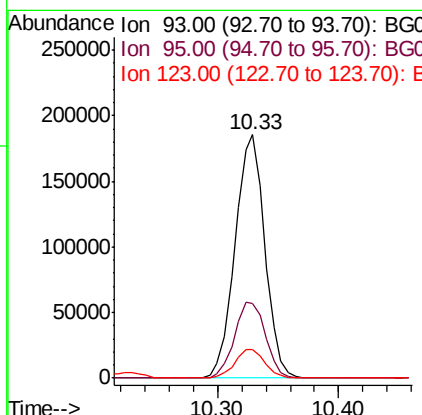
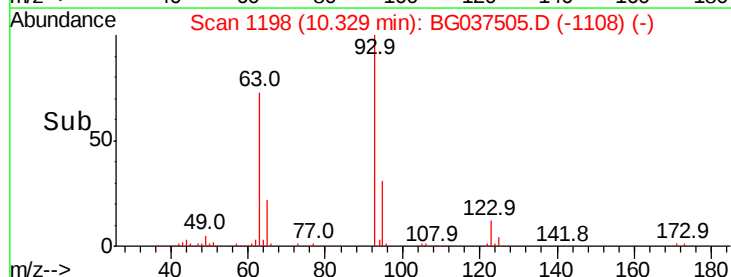
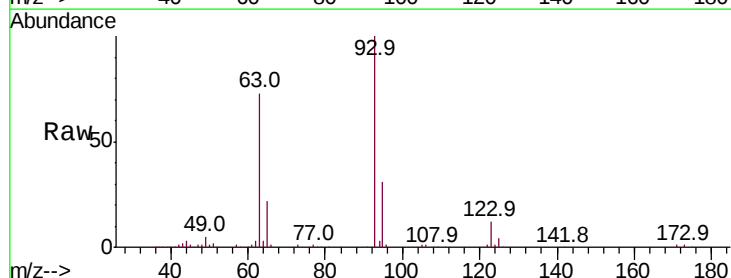
Manual Integrations
APPROVED

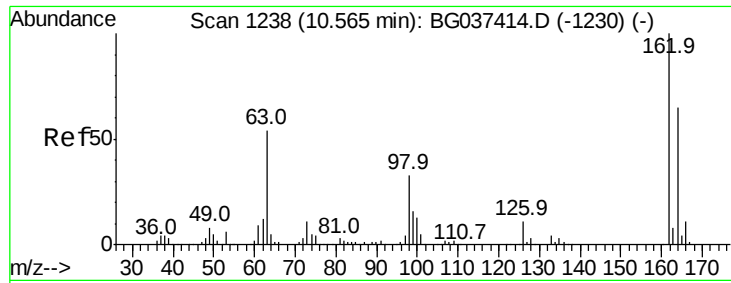
Sohil
10/24/2018 1:43:06 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.904 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	24.6	37.0
123	11.7	9.1	13.7





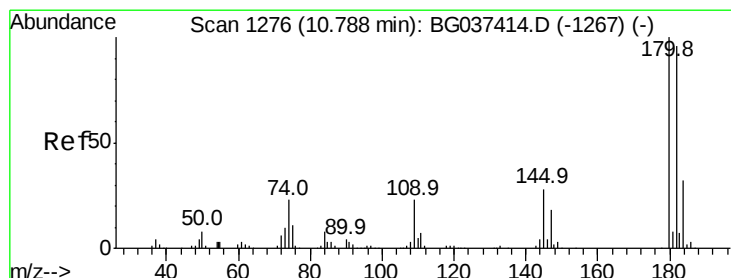
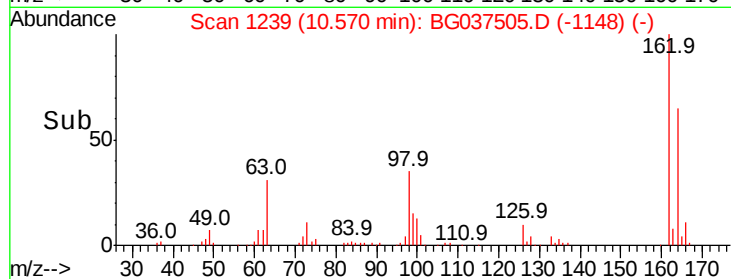
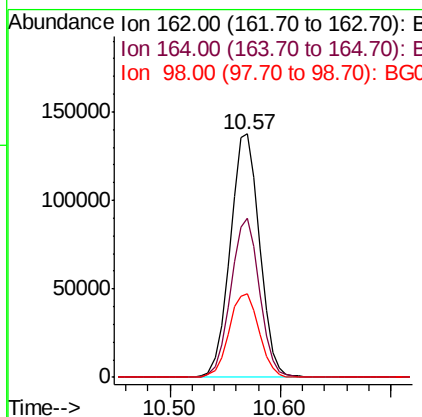
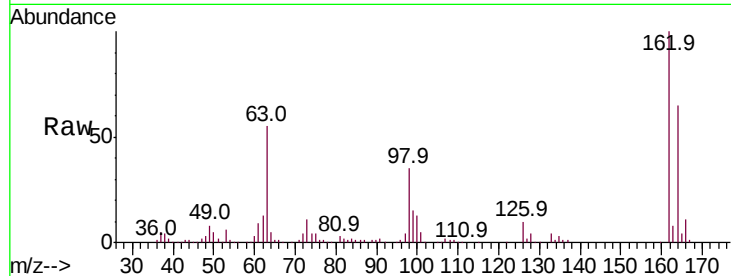
#29
 2,4-Dichlorophenol
 Concen: 44.514 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114112BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.3	43.2	83.2
98	34.6	16.0	56.0

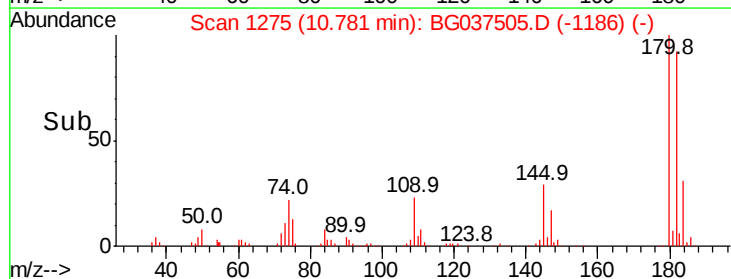
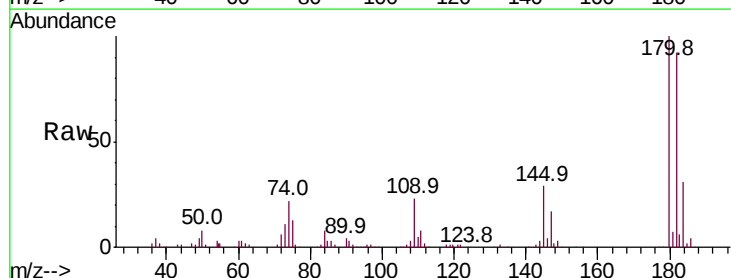
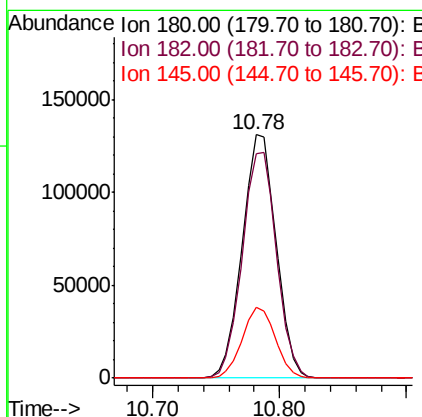
Manual Integrations
 APPROVED

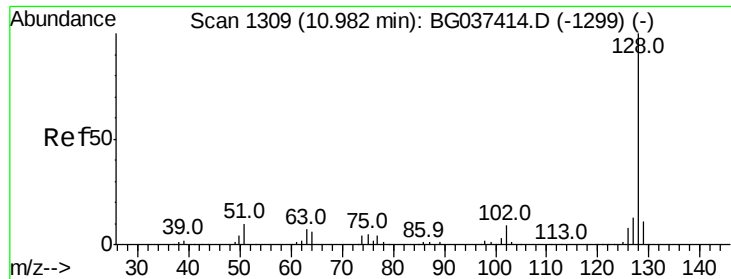
Sohil
 10/24/2018 1:43:06 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.866 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	91.9	77.7	116.5
145	29.0	23.3	34.9





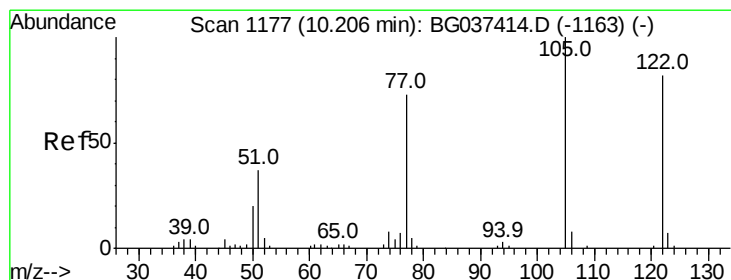
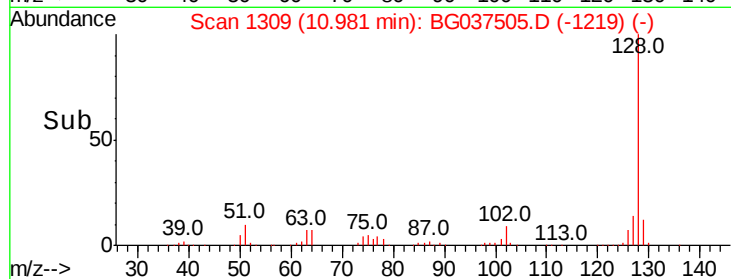
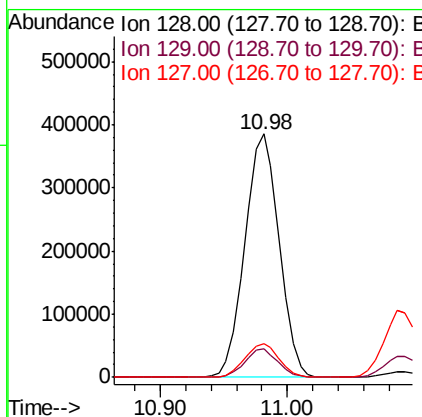
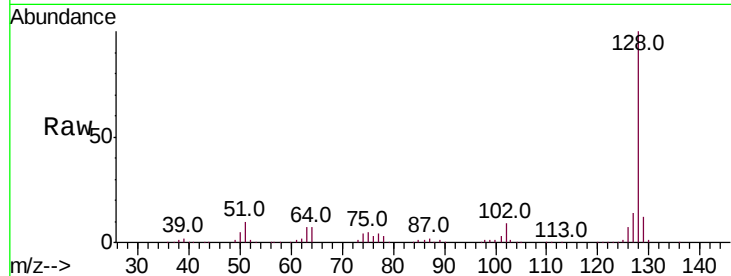
#31
Naphthalene
Concen: 42.318 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	13.9	11.1	16.7

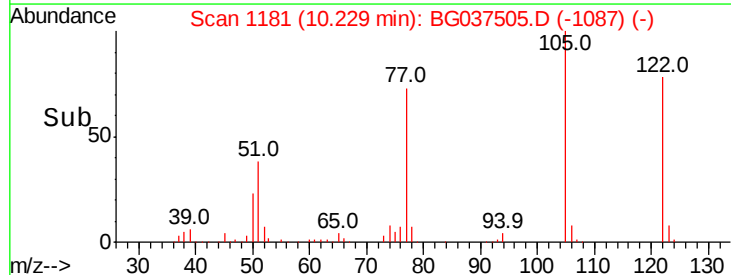
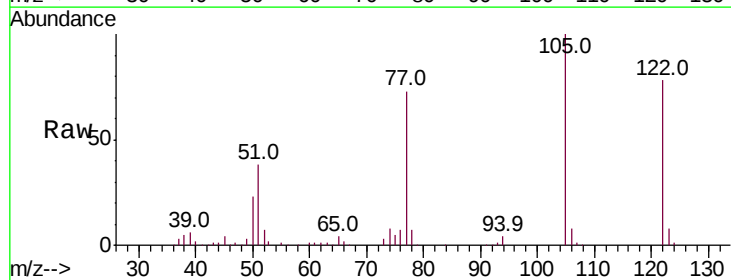
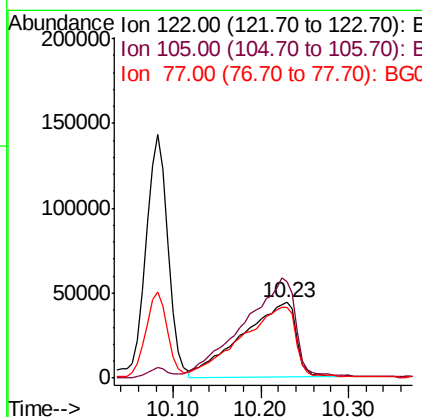
Manual Integrations
APPROVED

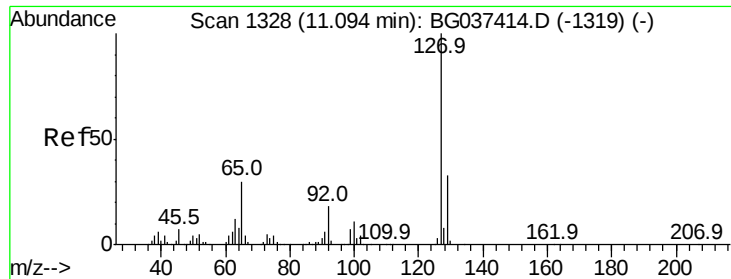
Sohil
10/24/2018 1:43:06 PM



#32
Benzoic acid
Concen: 55.807 ng
RT: 10.23 min Scan# 1181
Delta R.T. 0.02 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	106.7	146.7
77	94.0	72.2	112.2





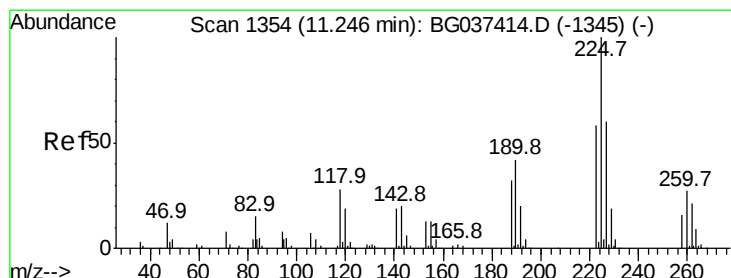
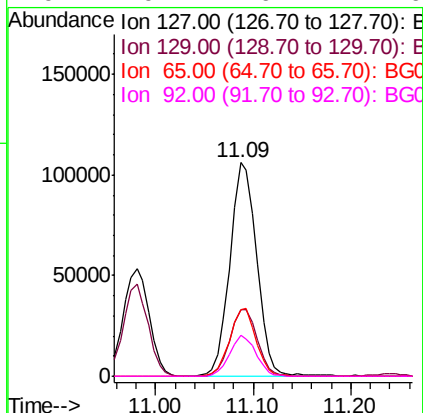
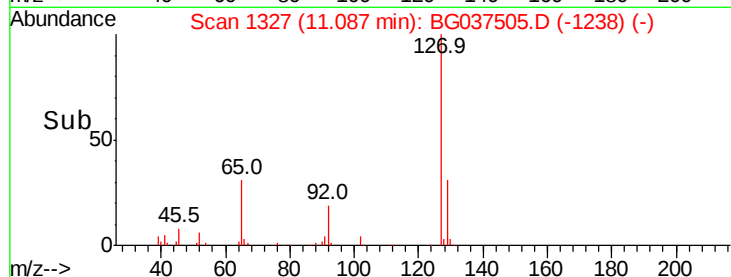
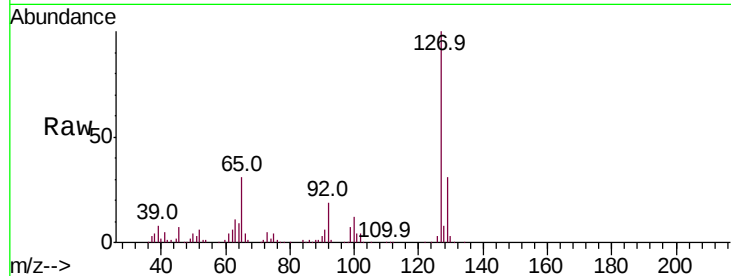
#33
4-Chloroaniline
Concen: 25.320 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.0	27.1	40.7	
65	31.3	26.6	39.8	
92	19.2	16.4	24.6	

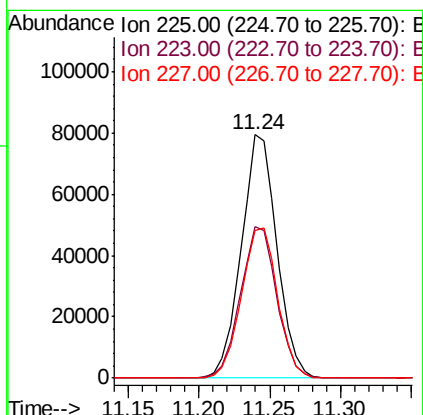
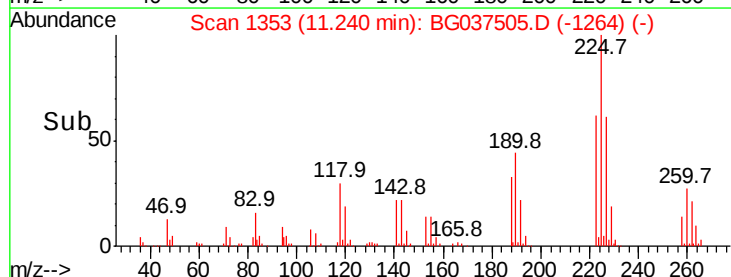
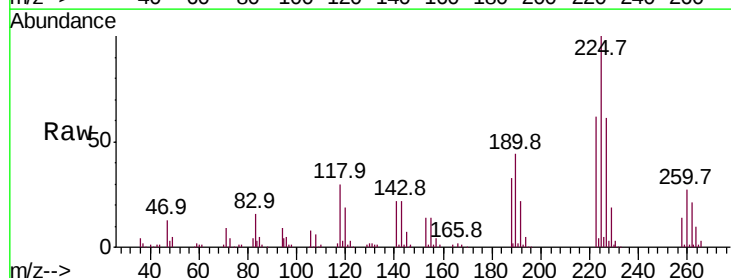
Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#34
Hexachlorobutadiene
Concen: 37.658 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	48.2	72.4	
227	60.6	51.6	77.4	





#35

Caprolactam

Concen: 43.411 ng/ml

RT: 11.89 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

ClientSampleId :

PB114112BS

Tot Ion:113 Resp: 100474

Ion Ratio Lower Upper

113 100

55 205.2 176.6 216.6

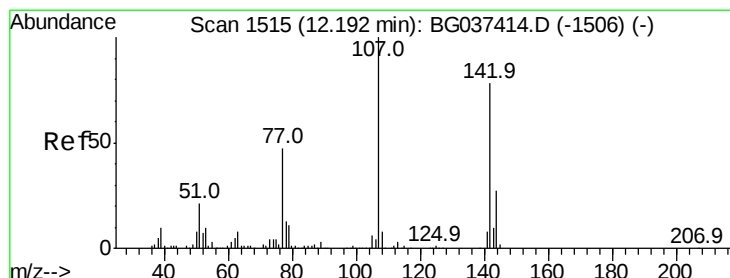
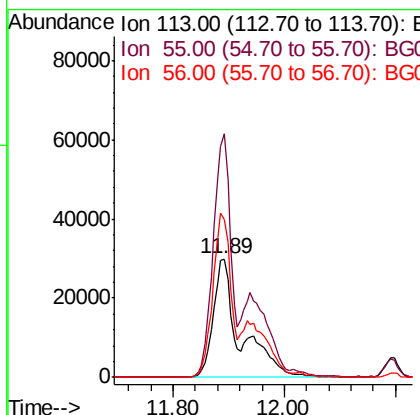
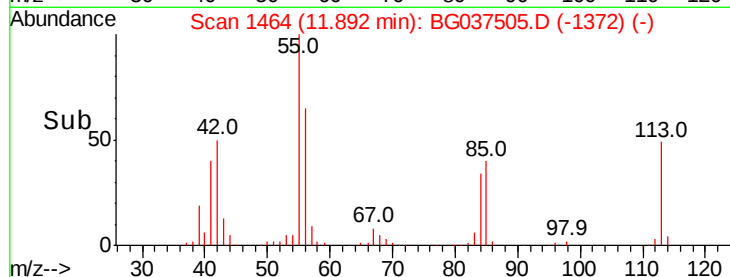
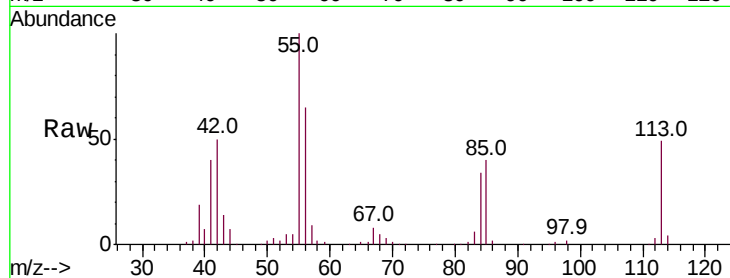
56 133.2 128.3 168.3

Manual Integrations

APPROVED

Sohil

10/24/2018 1:43:06 PM



#36

4-Chloro-3-methylphenol

Concen: 44.141 ng/ml

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

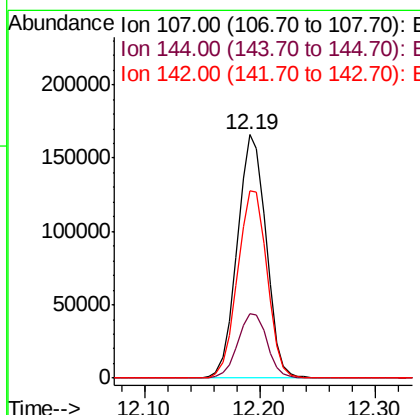
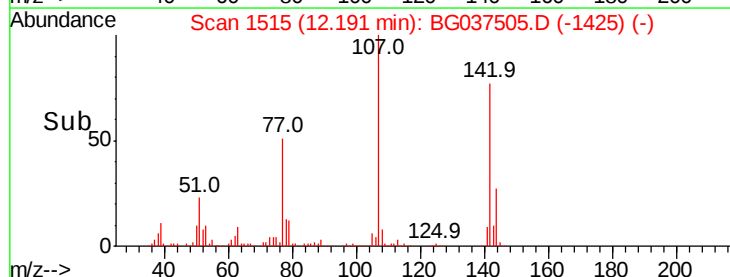
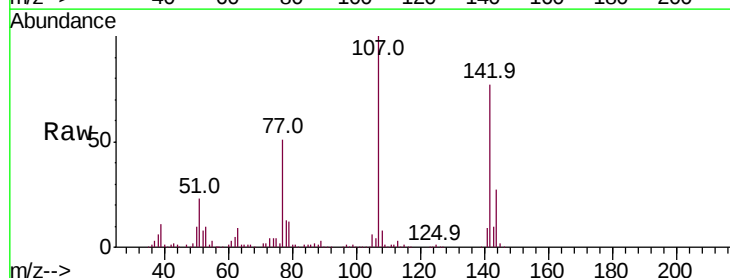
Tgt Ion:107 Resp: 287273

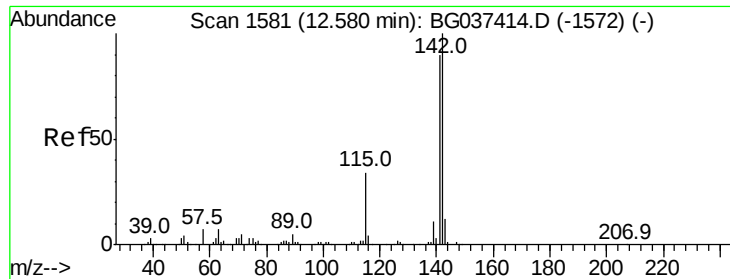
Ion Ratio Lower Upper

107 100

144 26.7 20.7 31.1

142 77.1 64.4 96.6





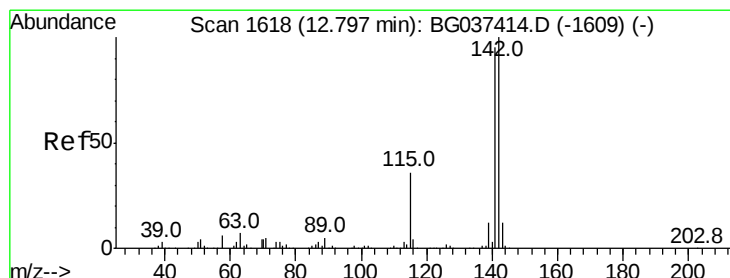
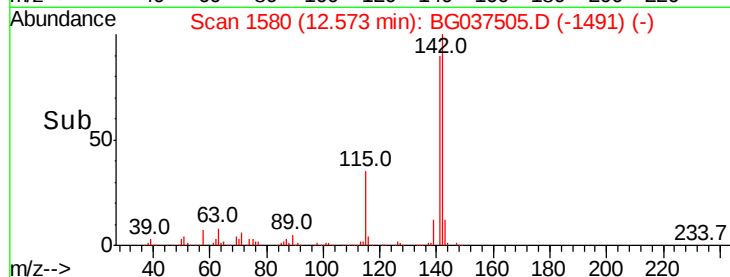
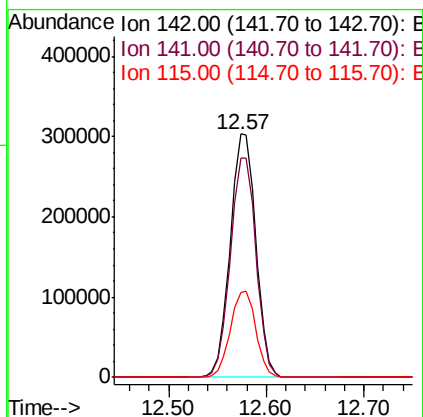
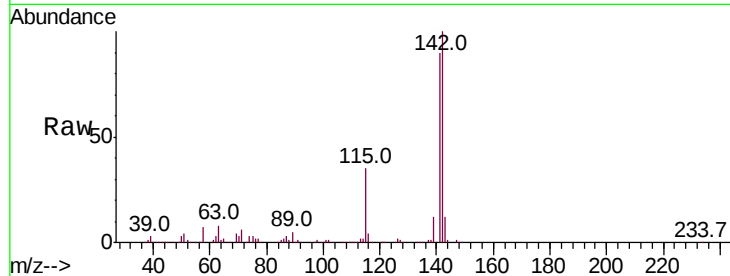
#37
2-Methylnaphthalene
Concen: 44.220 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	550152		
141	90.3	71.9	107.9	
115	34.8	27.8	41.8	

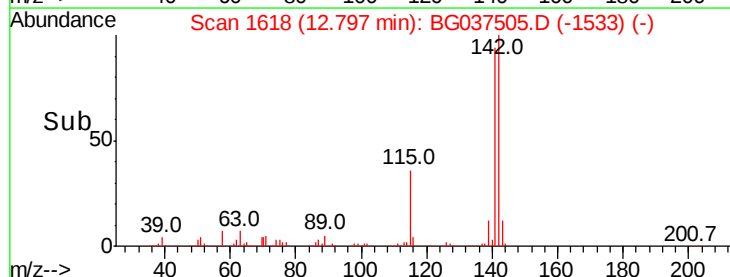
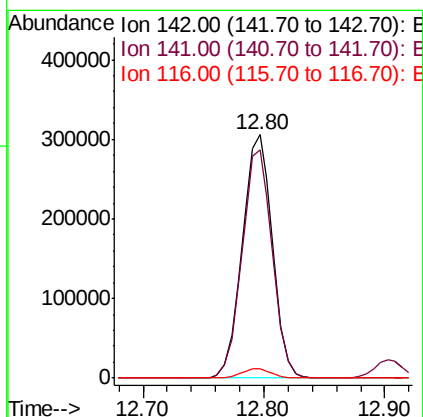
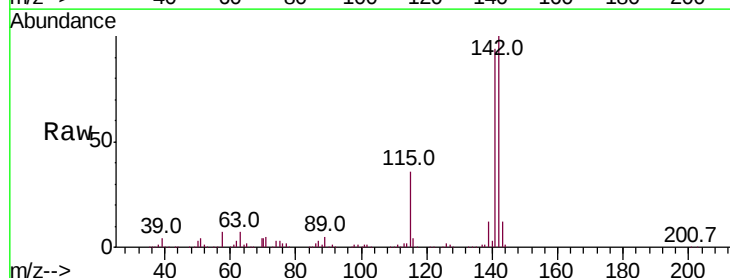
Manual Integrations
APPROVED

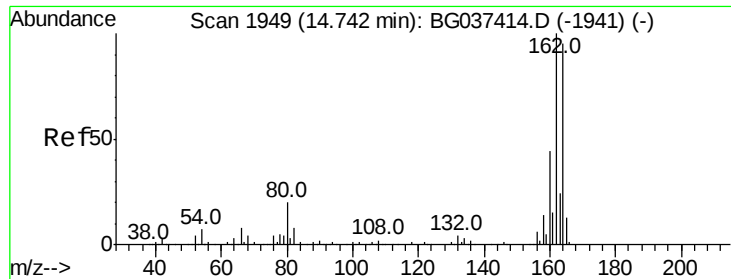
Sohil
10/24/2018 1:43:06 PM



#38
1-Methylnaphthalene
Concen: 43.835 ng
RT: 12.80 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	529618		
141	94.0	75.2	112.8	
116	4.1	3.3	4.9	





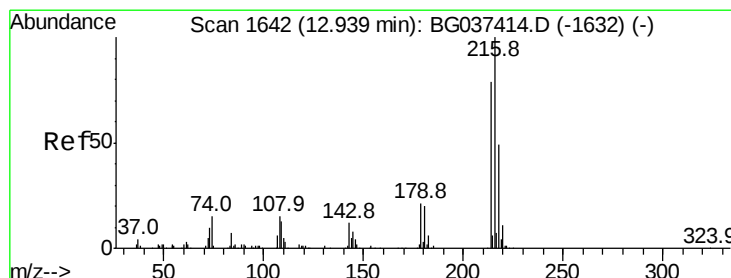
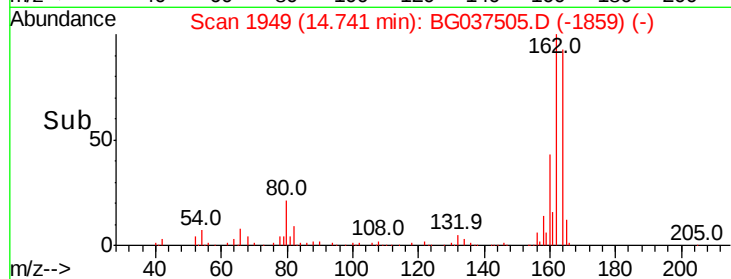
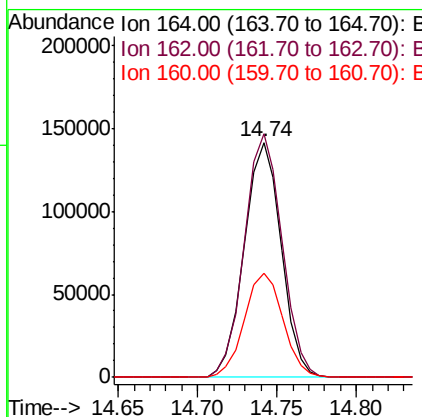
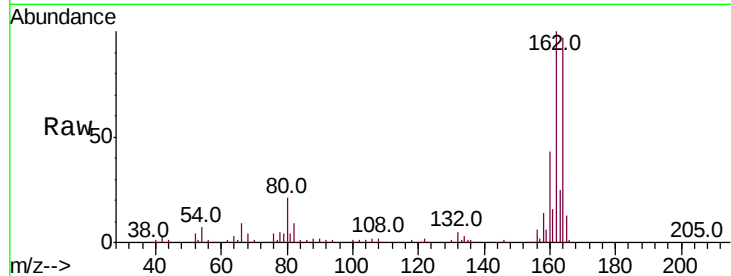
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114112BS

Tot Ion:	164	Resp:	229638
Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.3	121.9
160	44.4	36.3	54.5

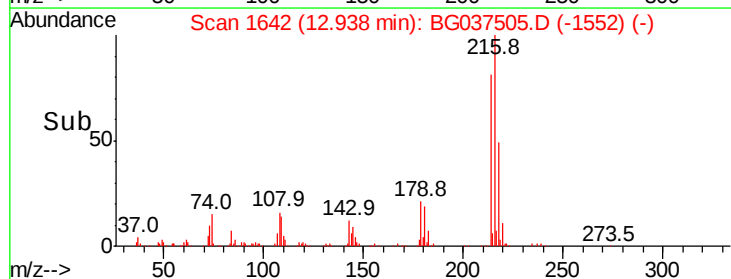
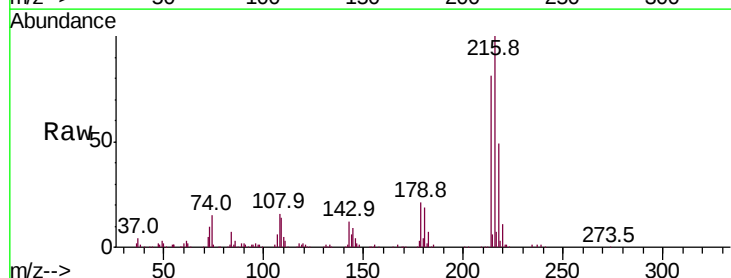
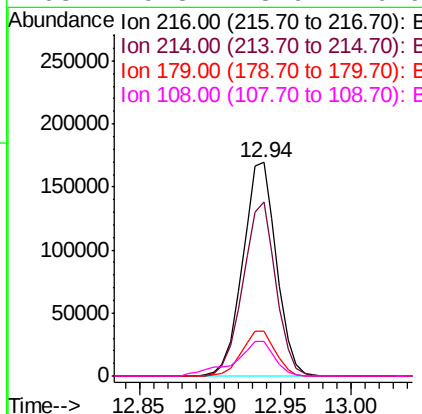
Manual Integrations
 APPROVED

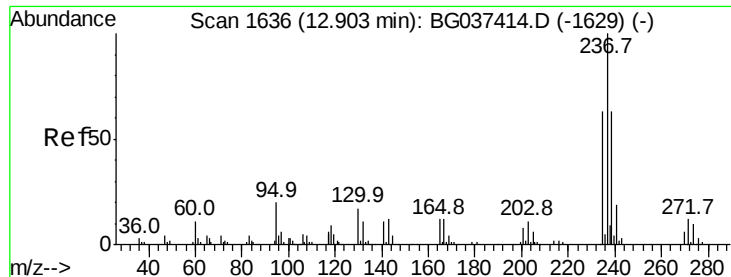
Sohil
 10/24/2018 1:43:06 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.928 ng
 RT: 12.94 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Tgt Ion:	216	Resp:	280934
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	21.0	17.4	26.0
108	19.3	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 93.278 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

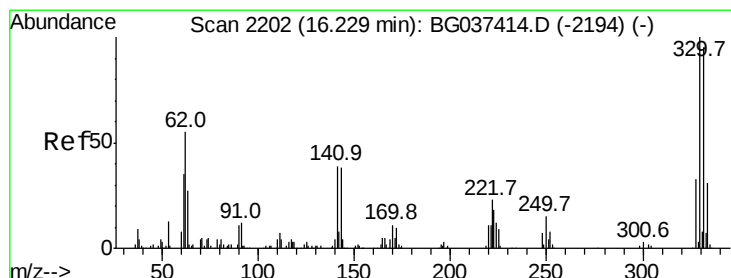
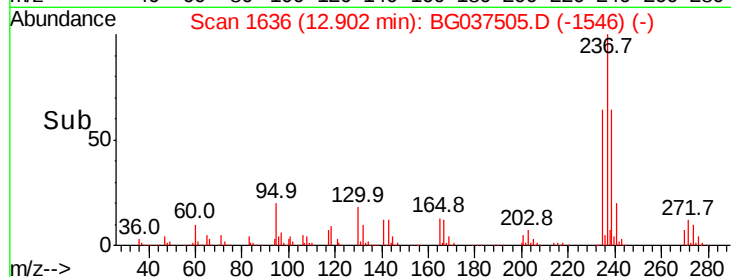
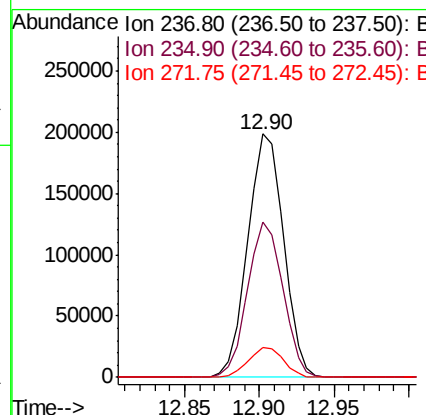
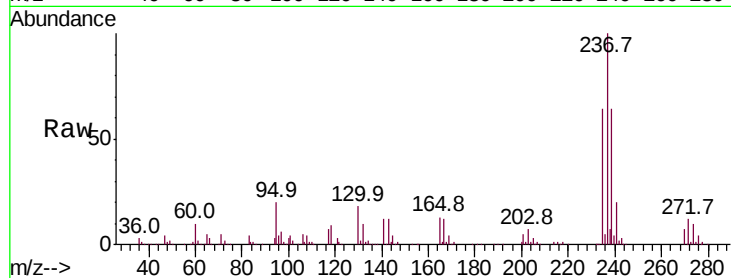
ClientSampleId :

PB114112BS

Tot Ion:	237	Resp:	330034
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.5	82.5
272	12.2	0.0	31.6

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#42

2,4,6-Tribromophenol

Concen: 134.472 ng

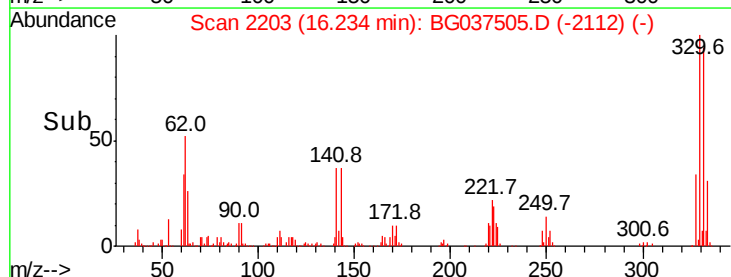
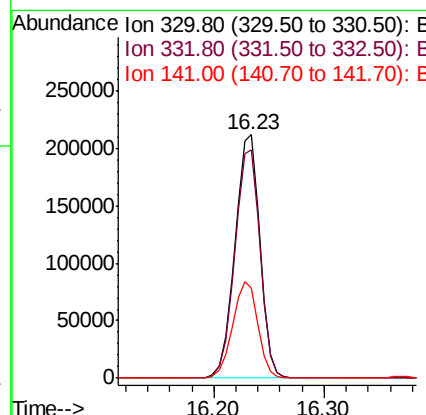
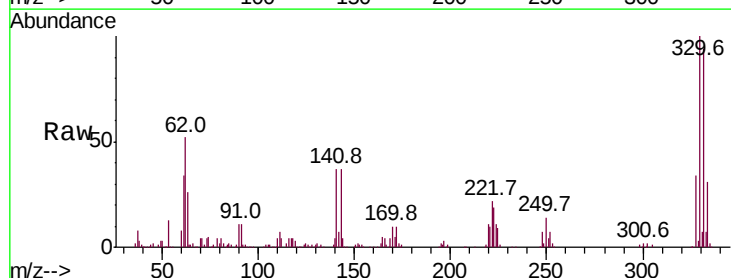
RT: 16.23 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Tgt Ion:	330	Resp:	336804
Ion Ratio	Lower	Upper	
330	100		
332	94.8	78.4	117.6
141	39.9	32.2	48.2





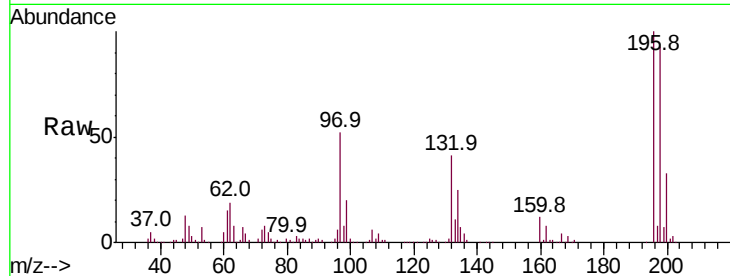
#43
 2,4,6-Trichlorophenol
 Concen: 44.370 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Instrument :
 BNA_G
 ClientSampled :
 PB114112BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	219568		
198	92.8	76.4	114.6	
200	32.7	24.9	37.3	

Manual Integrations
 APPROVED

Sohil
 10/24/2018 1:43:06 PM

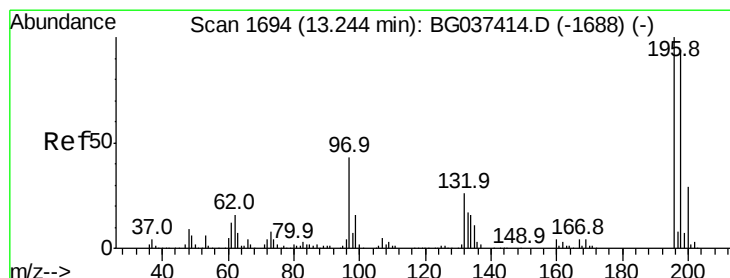
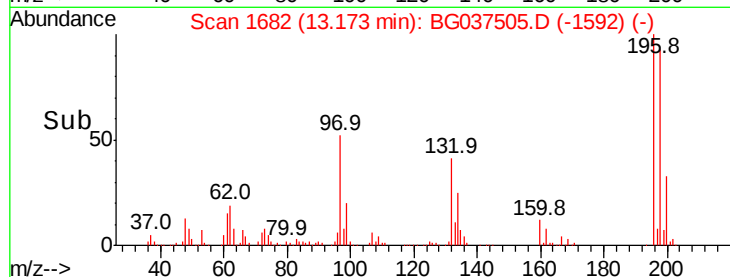
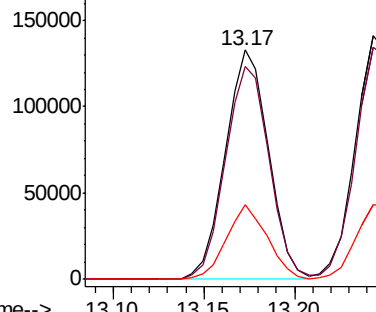


Abundance

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: 44.270 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238516		
198	95.2	74.2	111.2	
97	47.7	34.1	51.1	
132	26.0	20.2	30.4	

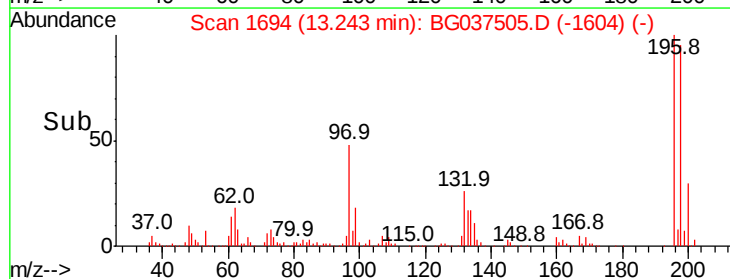
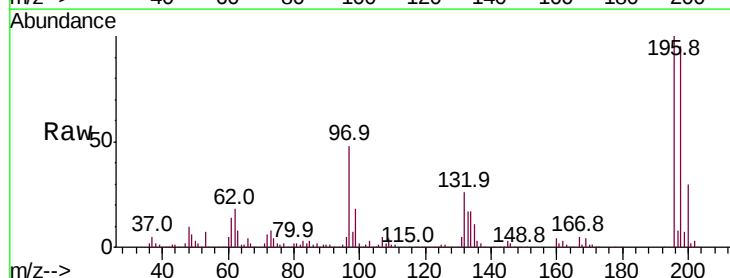
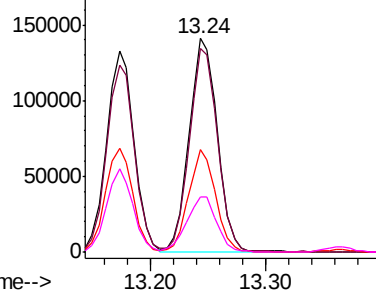
Abundance

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





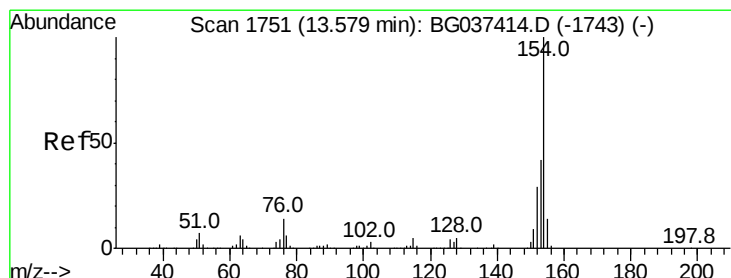
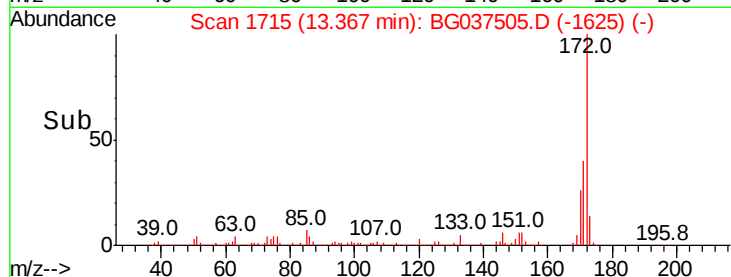
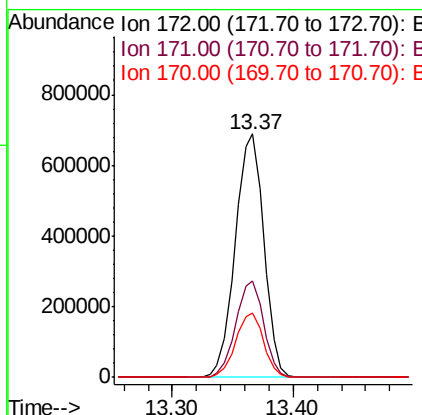
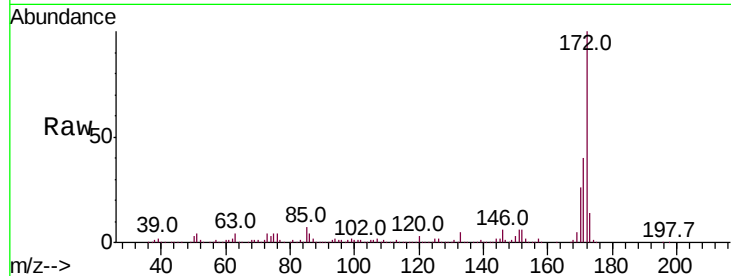
#45
2-Fluorobiphenyl
Concen: 74.644 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.0	46.4
170	26.3	20.2	30.2

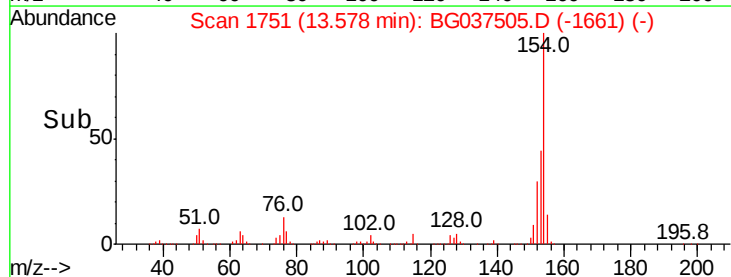
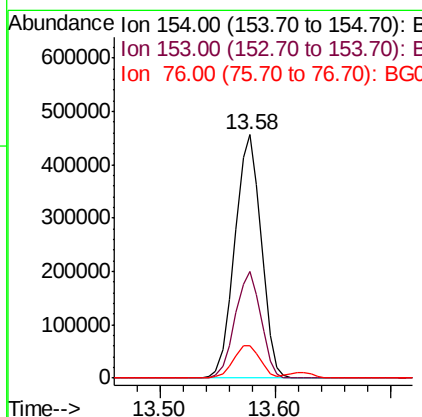
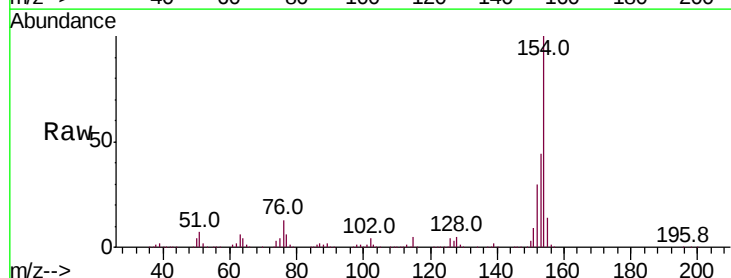
Manual Integrations
APPROVED

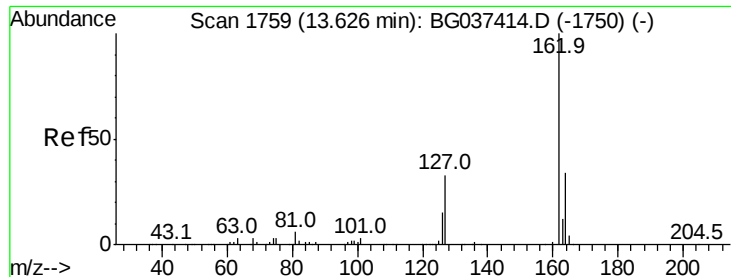
Sohil
10/24/2018 1:43:06 PM



#46
1,1'-Biphenyl
Concen: 37.843 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	22.1	62.1
76	13.3	0.0	33.2





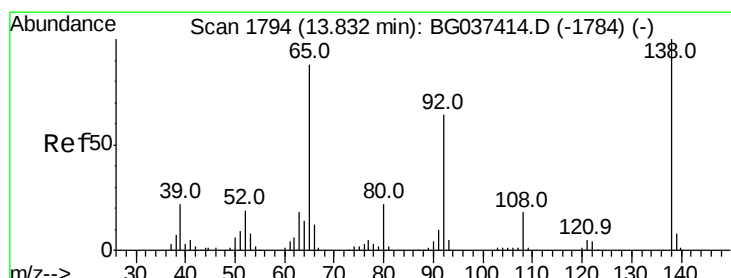
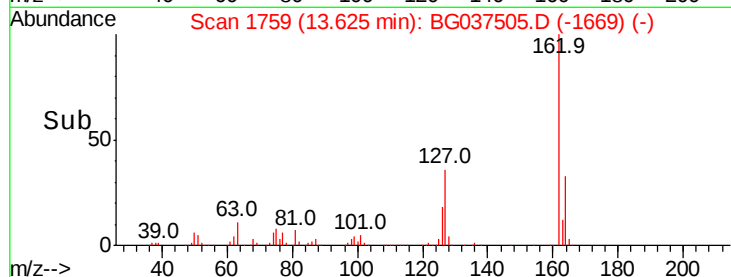
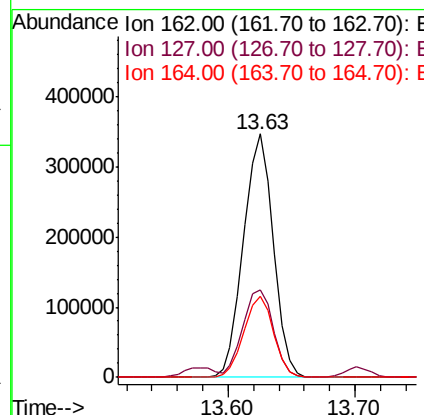
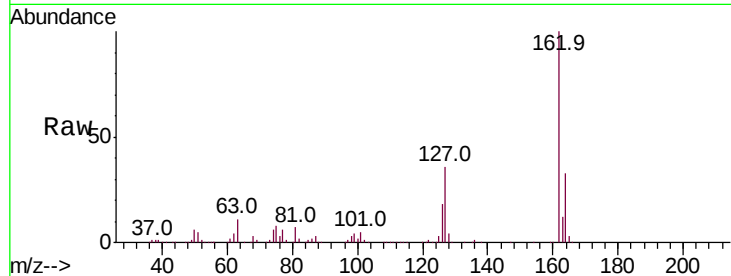
#47
2-Chloronaphthalene
Concen: 39.327 ng
RT: 13.63 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	565841		
127	36.0		30.5	45.7
164	33.4		26.4	39.6

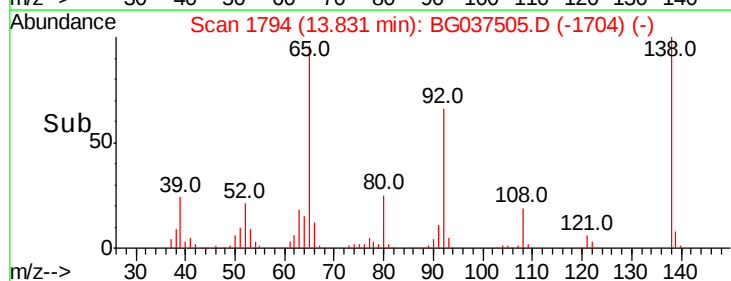
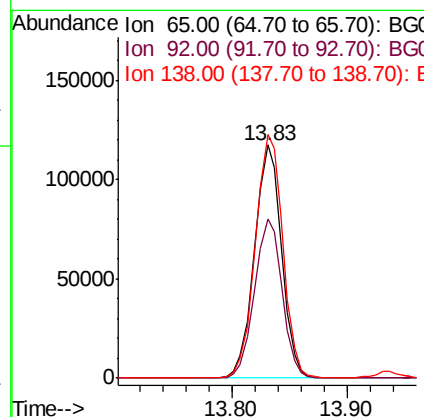
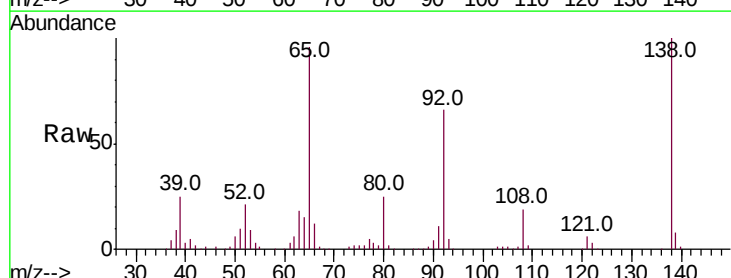
Manual Integrations
APPROVED

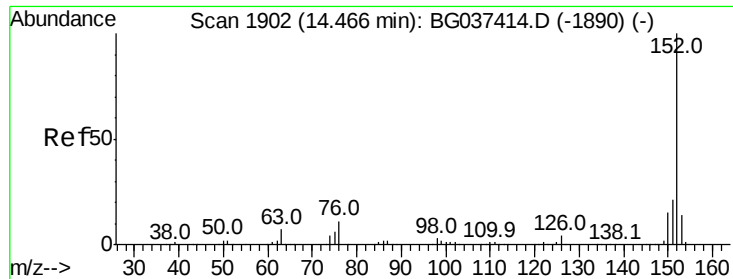
Sohil
10/24/2018 1:43:06 PM



#48
2-Nitroaniline
Concen: 44.067 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	192270		
92	68.6		53.2	79.8
138	104.5		79.3	118.9





#49

Acenaphthylene

Concen: 43.185 ng

RT: 14.47 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

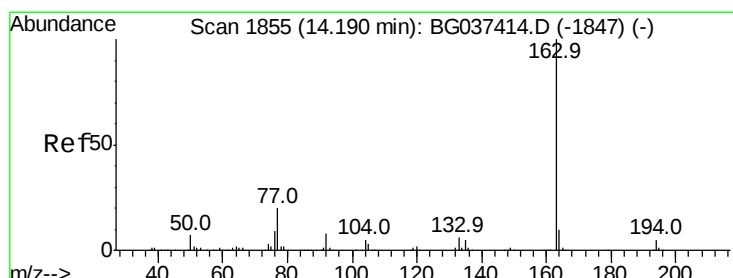
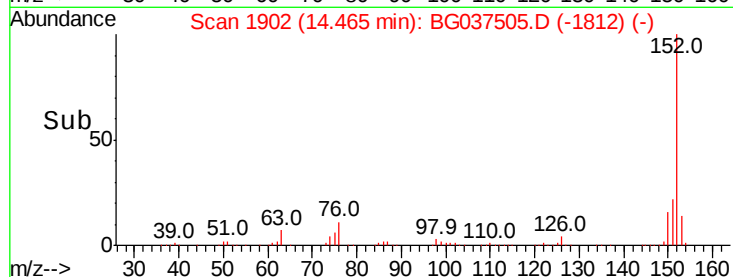
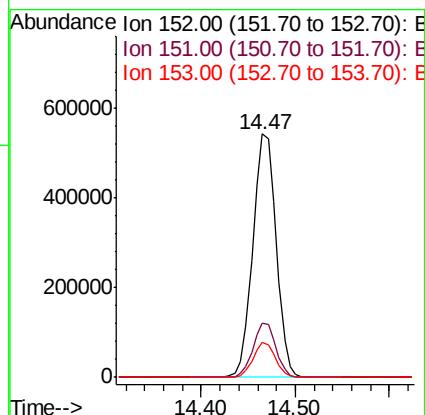
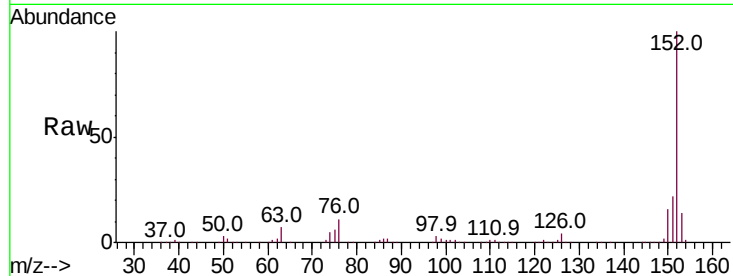
ClientSampleId :

PB114112BS

Tot Ion:	152	Resp:	934671
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.1	25.7
153	14.2	11.1	16.7

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#50

Dimethylphthalate

Concen: 41.874 ng

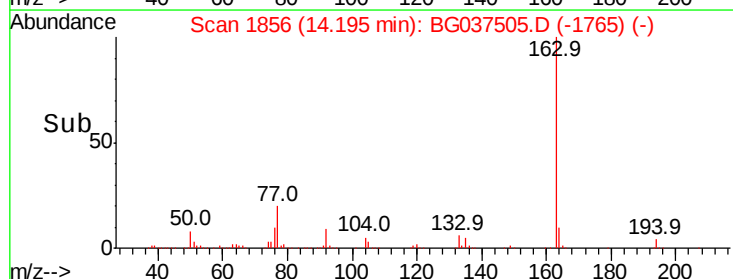
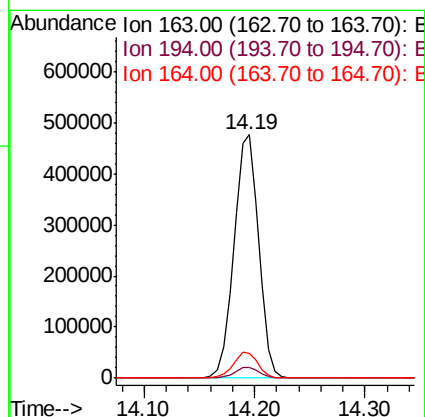
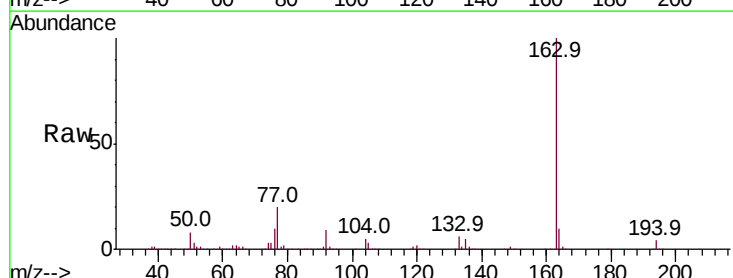
RT: 14.19 min Scan# 1856

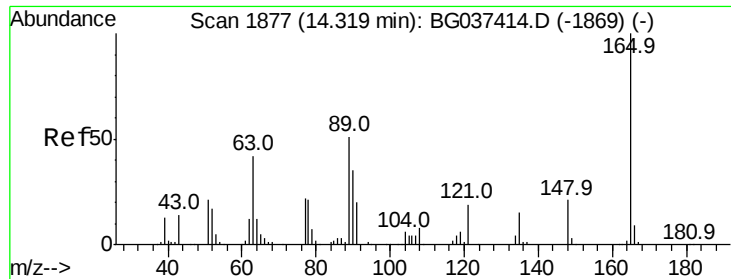
Delta R.T. 0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Tgt Ion:	163	Resp:	743896
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.4	8.5	12.7





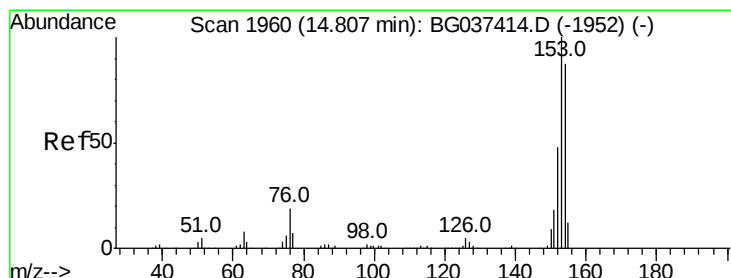
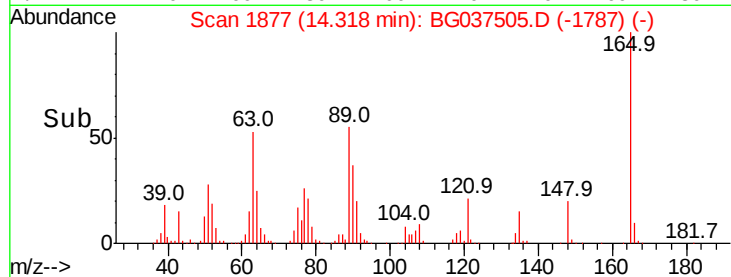
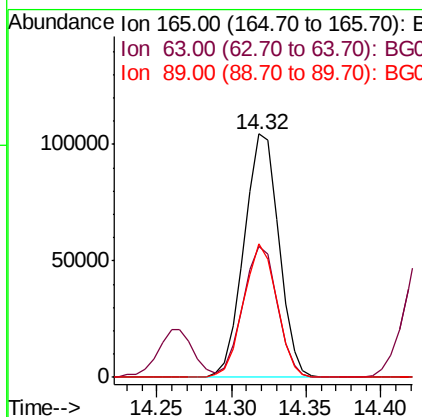
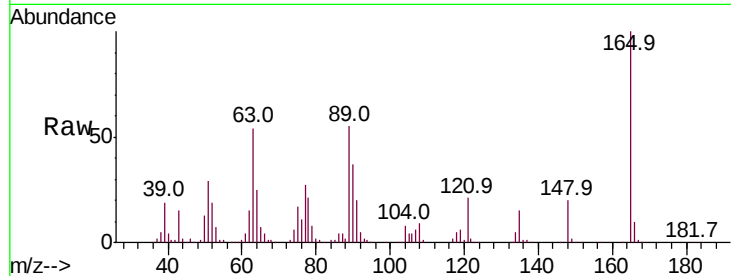
#51
 2,6-Dinitrotoluene
 Concen: 42.867 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114112BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	168470		
63	53.8		43.4	65.2
89	54.9		45.8	68.6

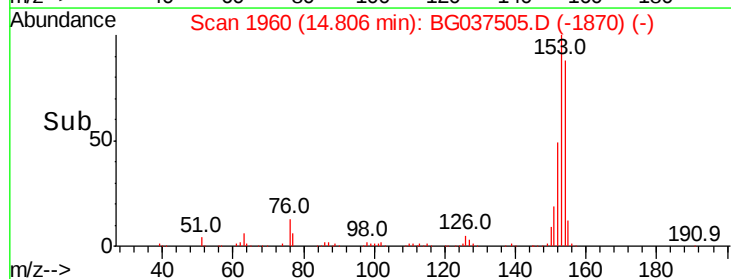
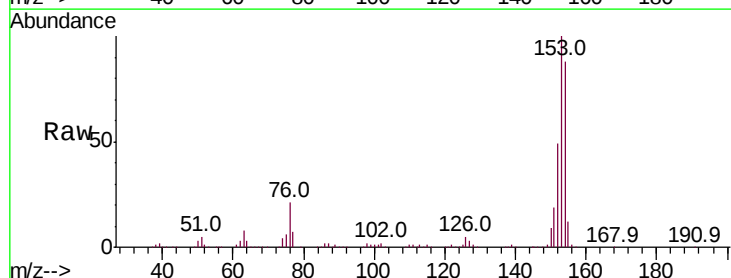
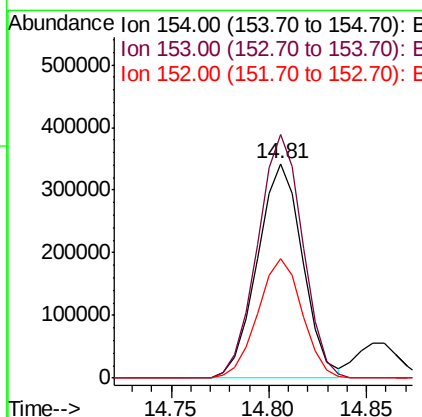
Manual Integrations
 APPROVED

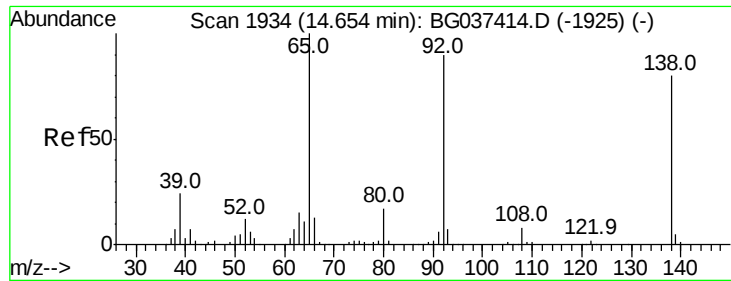
Sohil
 10/24/2018 1:43:06 PM



#52
 Acenaphthene
 Concen: 41.222 ng
 RT: 14.81 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	549465		
153	113.3		93.4	140.0
152	55.7		44.7	67.1





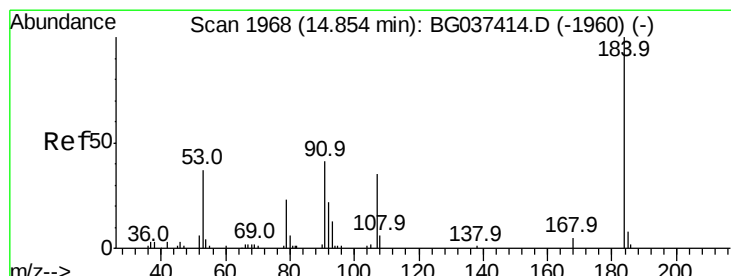
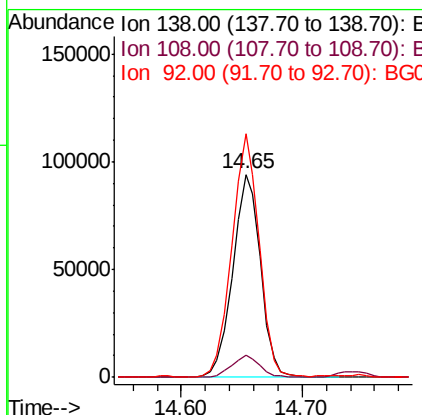
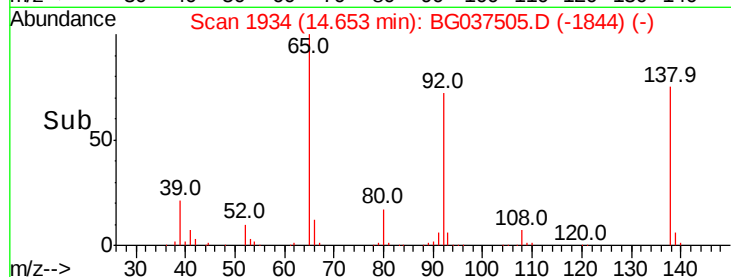
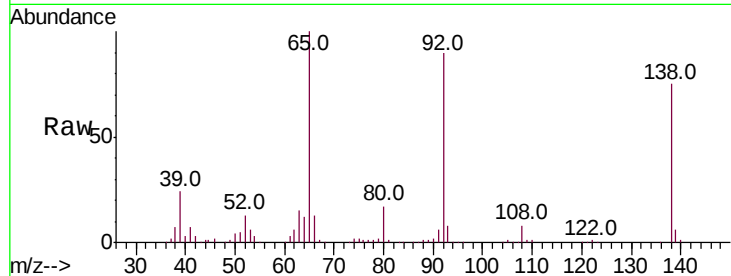
#53
 3-Nitroaniline
 Concen: 34.431 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114112BS

Tot Ion:	138	Resp:	150217
Ion Ratio	Lower	Upper	
138	100		
108	10.9	11.0	16.6#
92	120.0	95.2	142.8

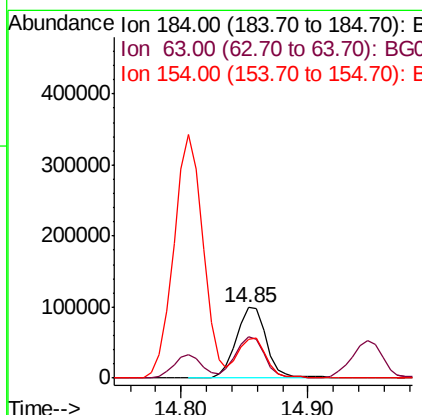
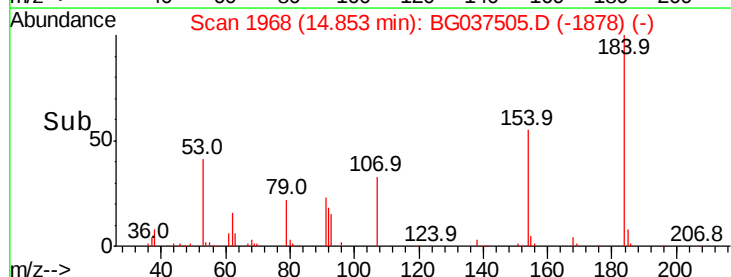
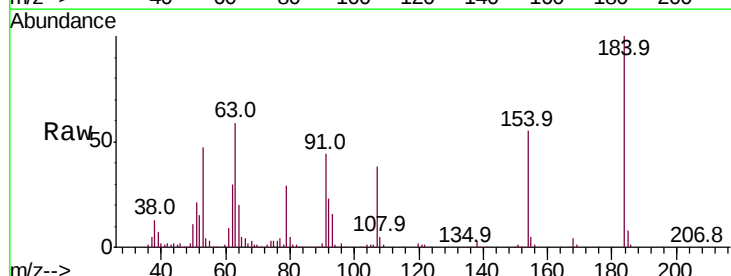
Manual Integrations
 APPROVED

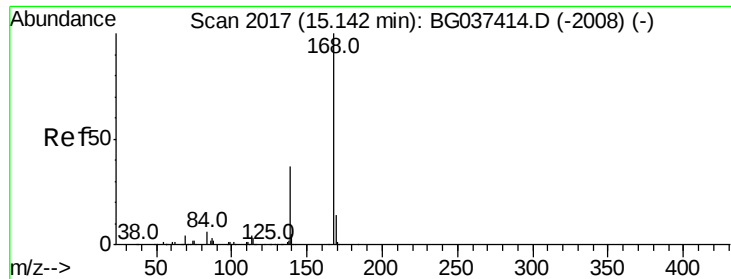
Sohil
 10/24/2018 1:43:06 PM



#54
 2,4-Dinitrophenol
 Concen: 88.853 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Tgt Ion:	184	Resp:	166263
Ion Ratio	Lower	Upper	
184	100		
63	59.2	42.6	63.8
154	55.2	41.8	62.6





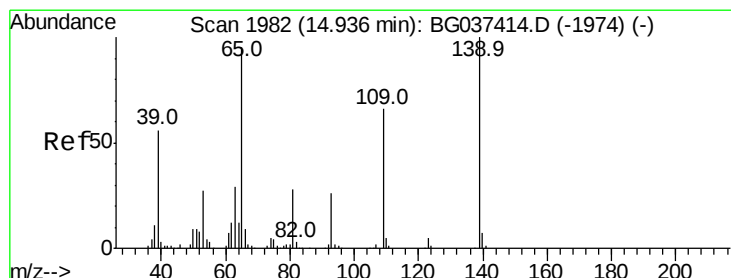
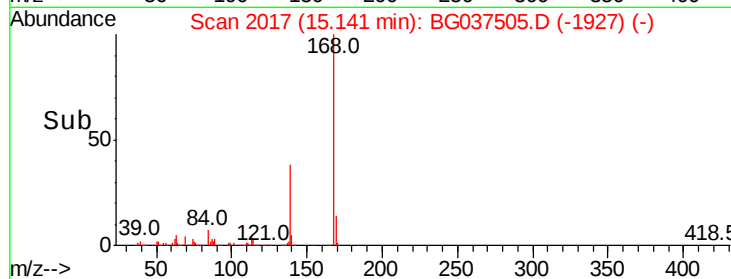
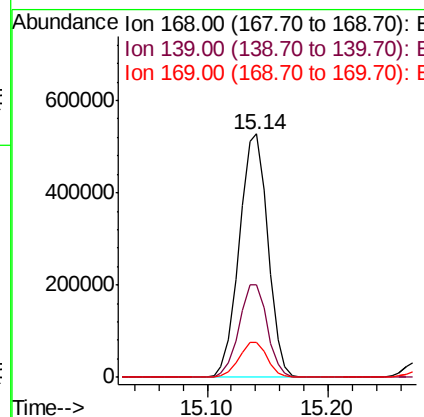
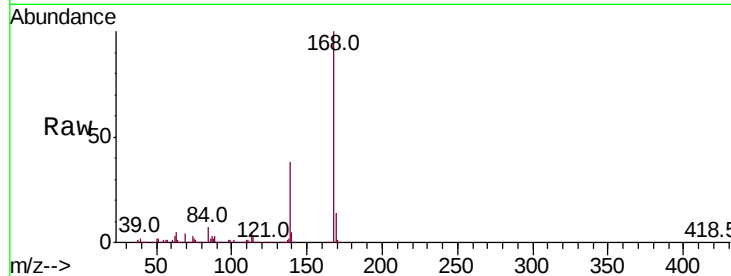
#55
Dibenzo(furan)
Concen: 39.541 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	29.4	44.0
169	14.3	11.0	16.6

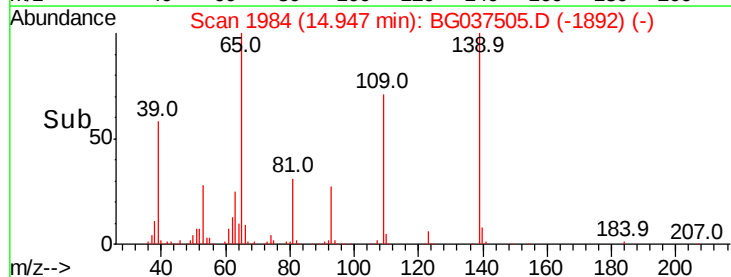
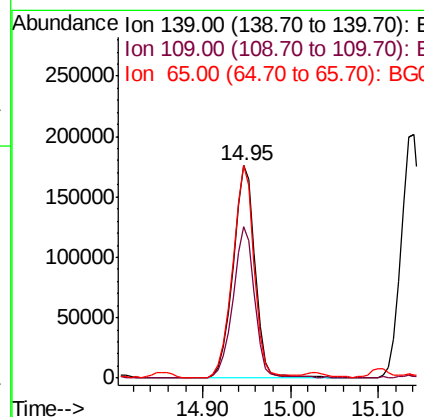
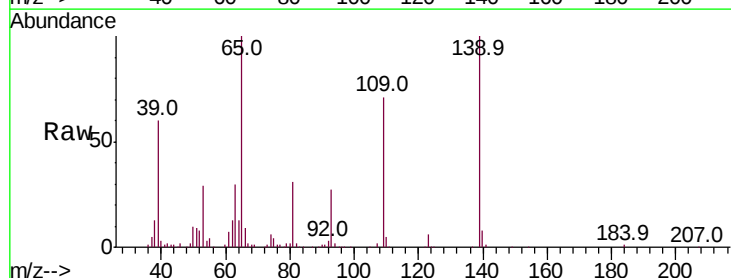
Manual Integrations
APPROVED

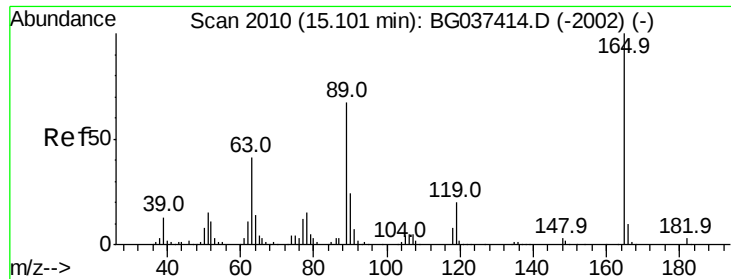
Sohil
10/24/2018 1:43:06 PM



#56
4-Nitrophenol
Concen: 93.080 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.4	49.5	89.5
65	100.3	76.8	116.8





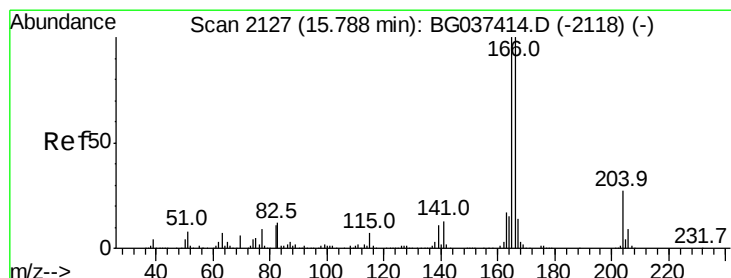
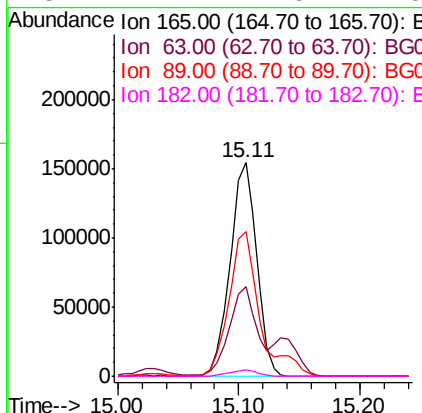
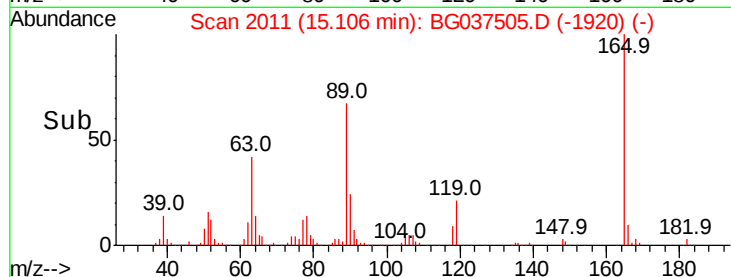
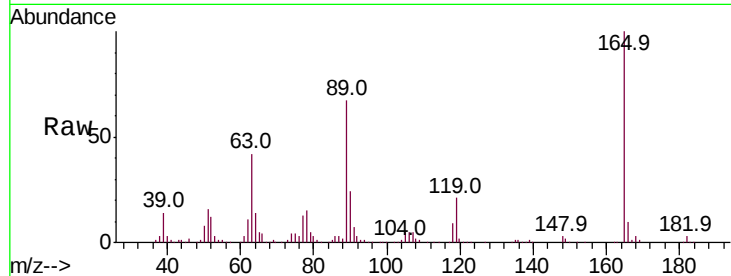
#57
2,4-Dinitrotoluene
Concen: 45.785 ng
RT: 15.11 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	236197		
63	41.8	33.4	50.0	
89	67.5	57.2	85.8	
182	2.7	2.6	4.0	

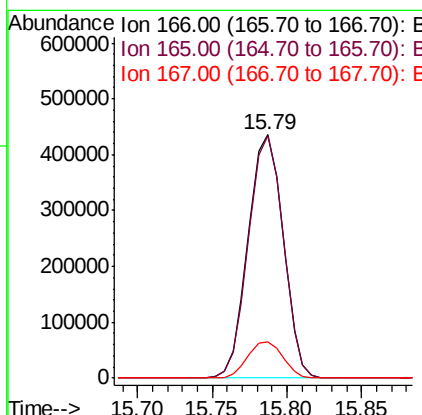
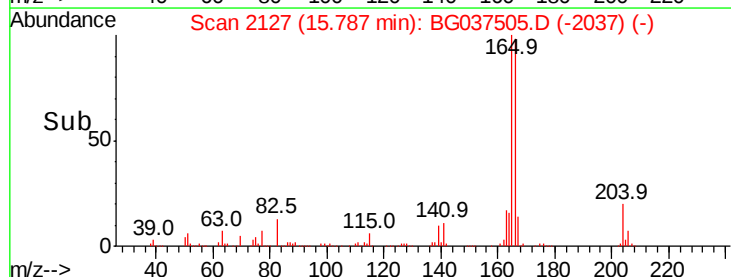
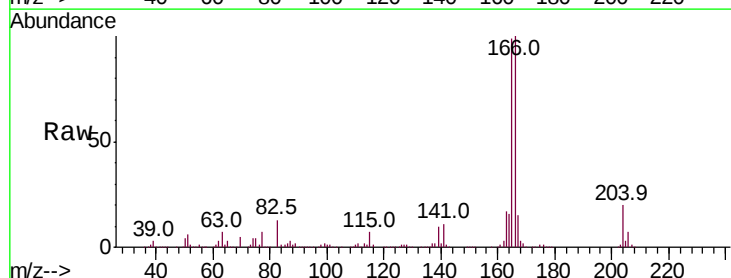
Manual Integrations
APPROVED

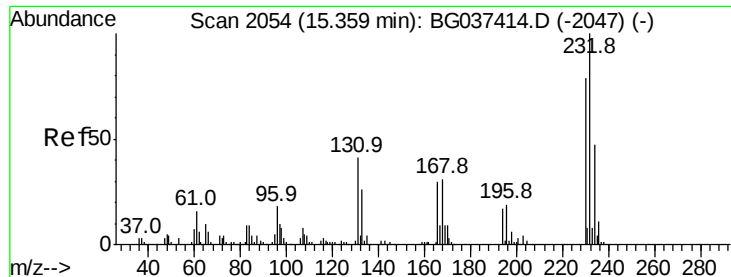
Sohil
10/24/2018 1:43:06 PM



#58
Fluorene
Concen: 42.887 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	709277		
165	99.4	79.0	118.6	
167	14.7	11.3	16.9	





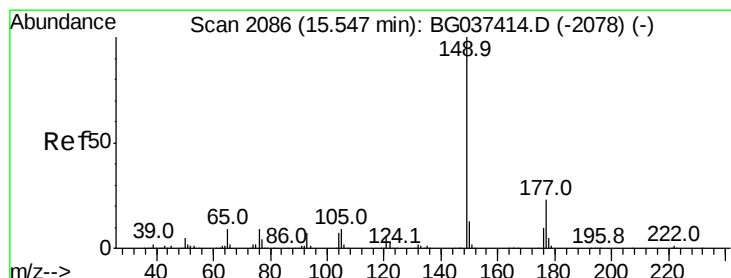
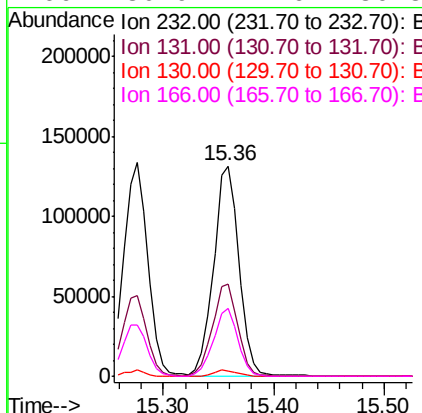
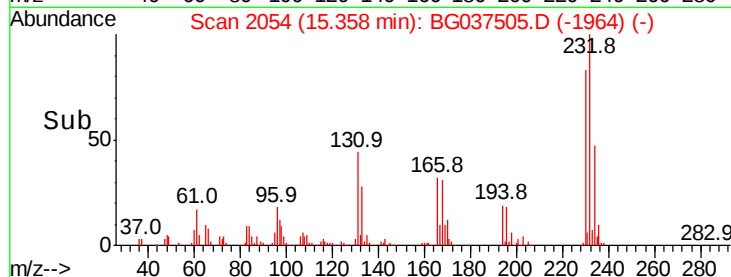
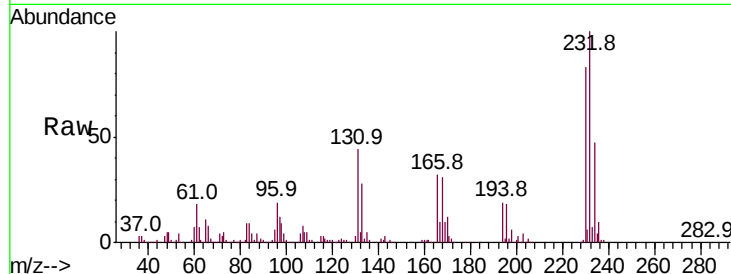
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.065 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114112BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.1	33.7	50.5
130	2.7	2.1	3.1
166	30.9	24.6	36.8

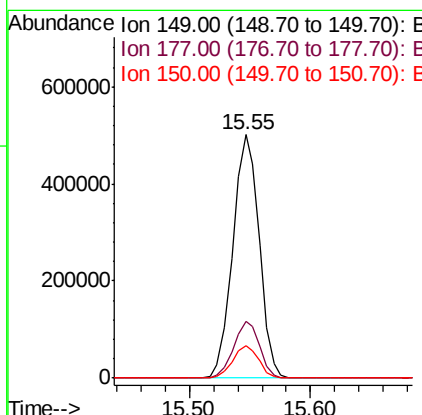
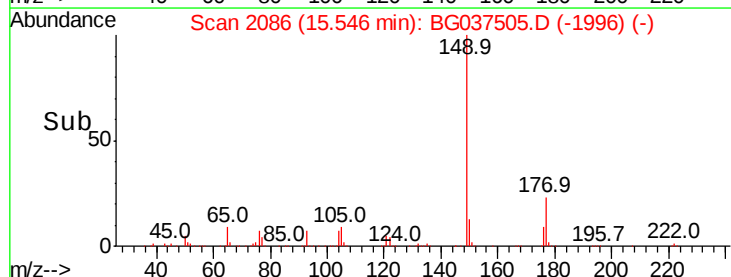
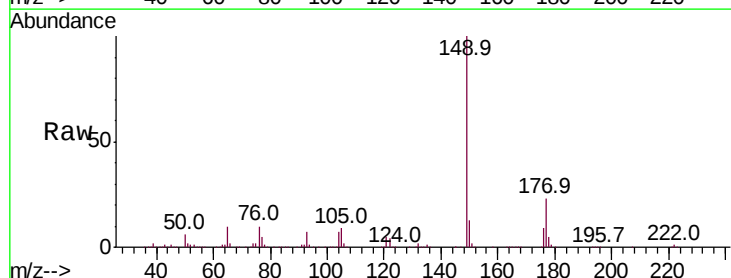
Manual Integrations
 APPROVED

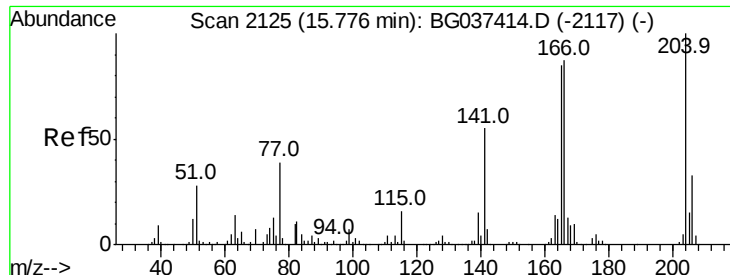
Sohil
 10/24/2018 1:43:06 PM



#60
 Diethylphthalate
 Concen: 41.639 ng
 RT: 15.55 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.3	27.5
150	13.1	10.0	15.0





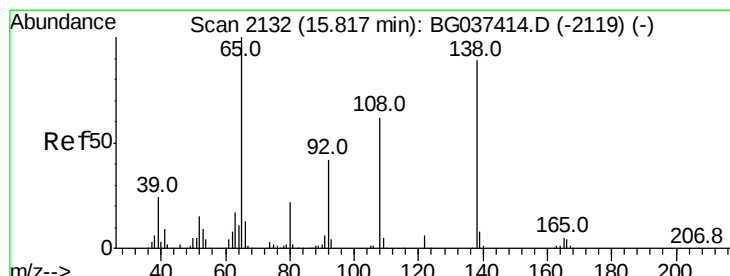
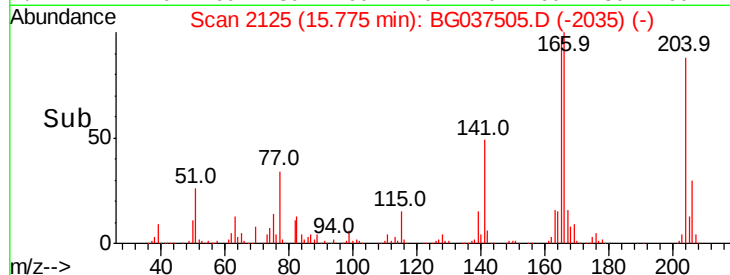
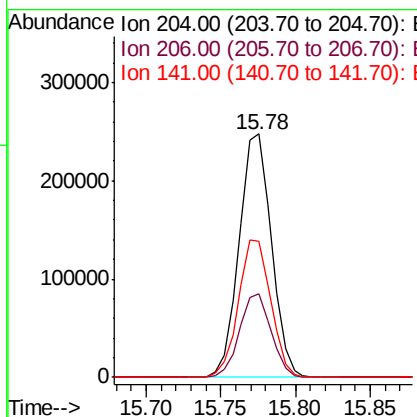
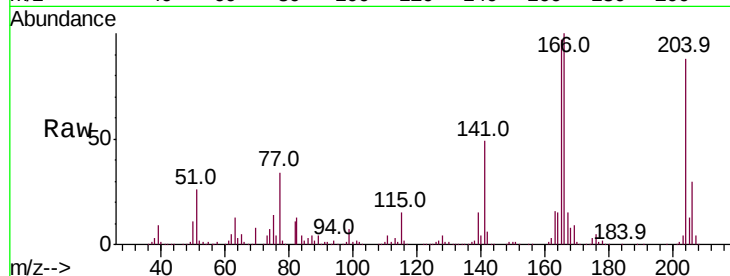
#61
 4-Chlorophenyl-phenylether
 Concen: 38.498 ng
 RT: 15.78 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114112BS

Tot Ion:	204	Resp:	371100
Ion Ratio	Lower	Upper	
204	100		
206	34.1	26.6	39.8
141	55.9	45.4	68.2

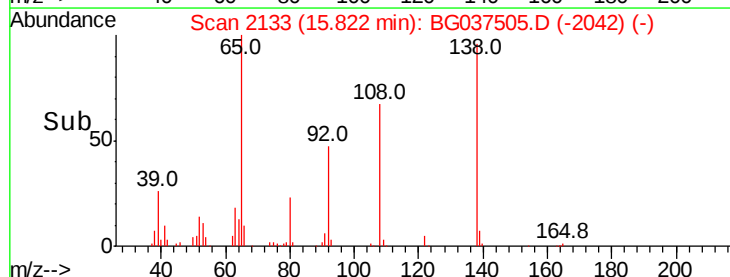
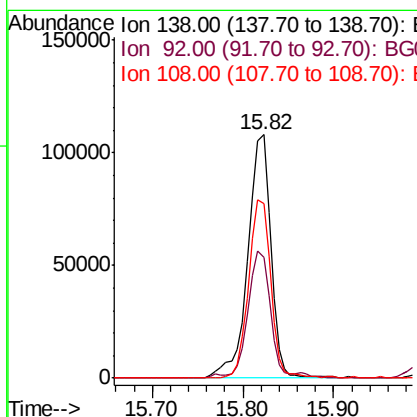
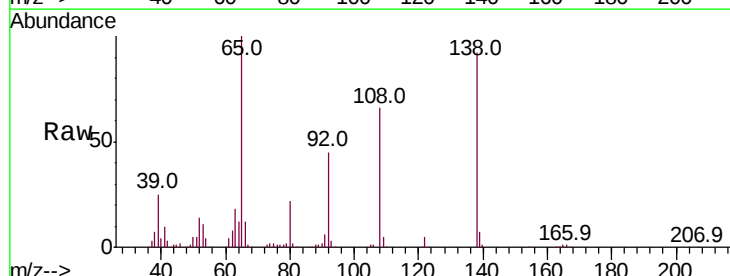
Manual Integrations
 APPROVED

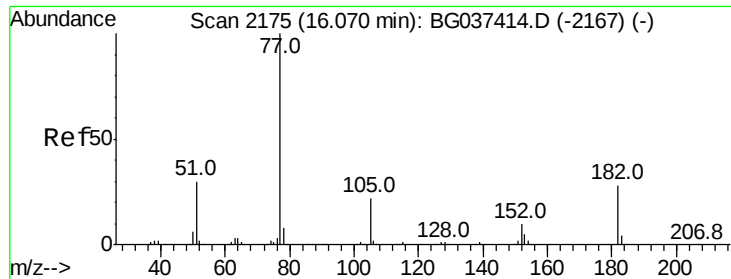
Sohil
 10/24/2018 1:43:06 PM



#62
 4-Nitroaniline
 Concen: 44.069 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Tgt Ion:	138	Resp:	191050
Ion Ratio	Lower	Upper	
138	100		
92	49.5	36.4	76.4
108	71.9	60.1	100.1





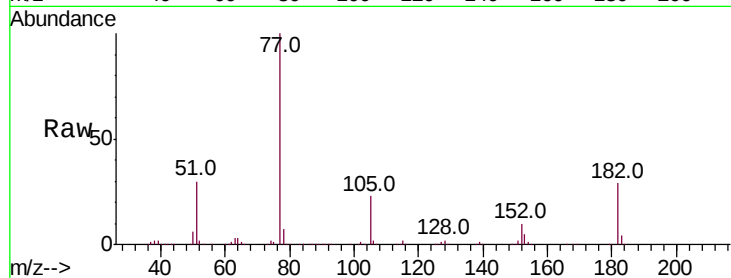
#63
Azobenzene
Concen: 41.228 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

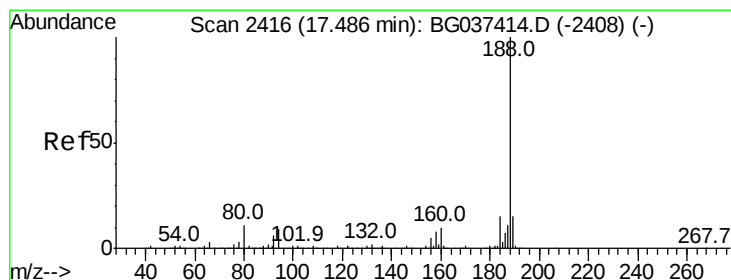
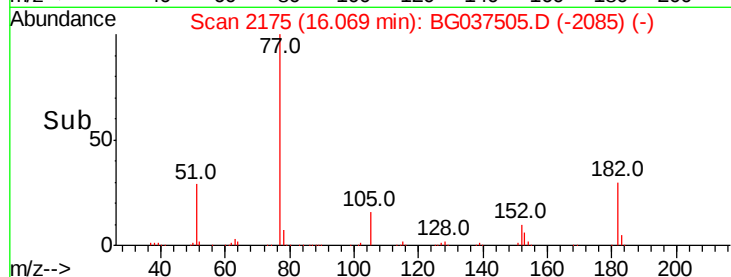
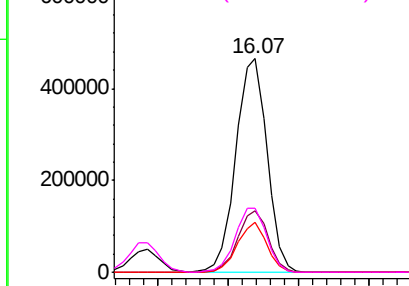
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		717442		
182	28.8	8.0	48.0		
105	23.2	1.3	41.3		
51	30.2	10.7	50.7		

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



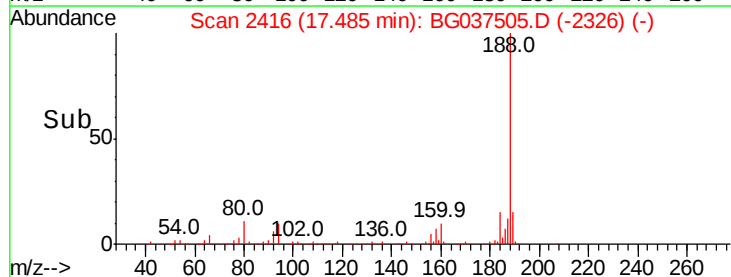
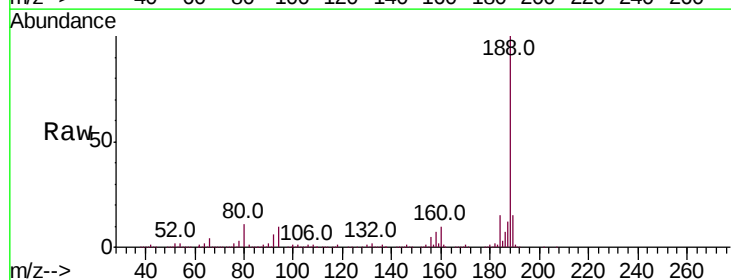
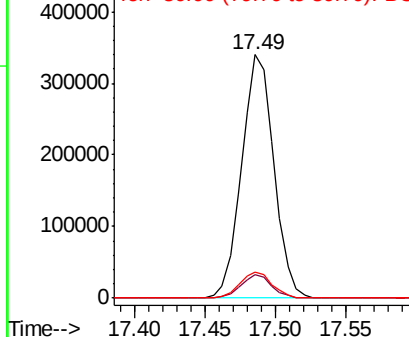
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

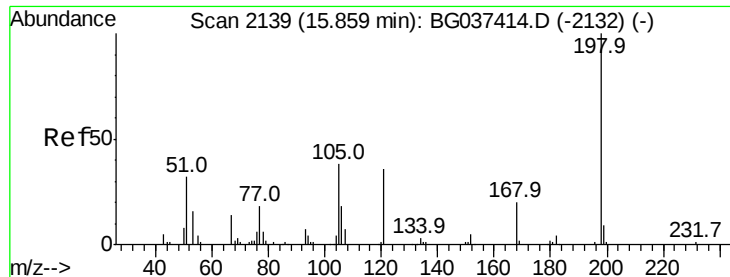


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		541702		
94	9.9	7.2	10.8		
80	10.6	7.7	11.5		

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.813 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.01 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

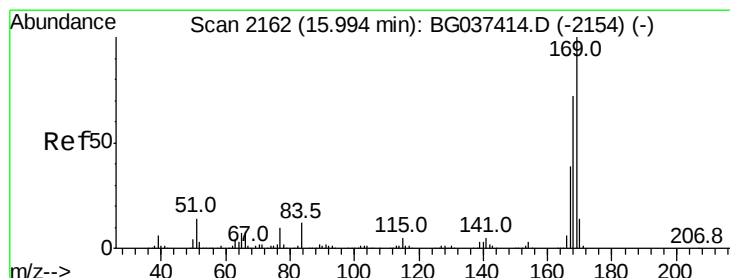
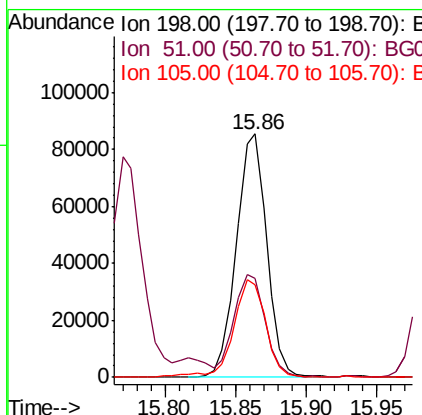
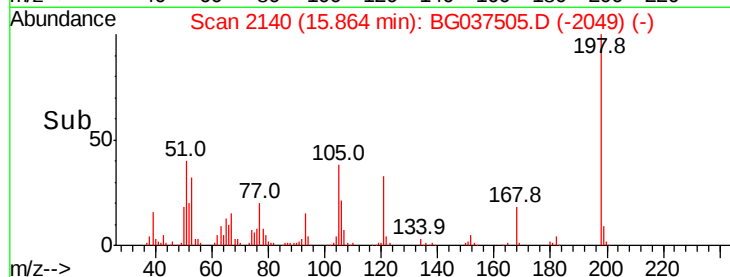
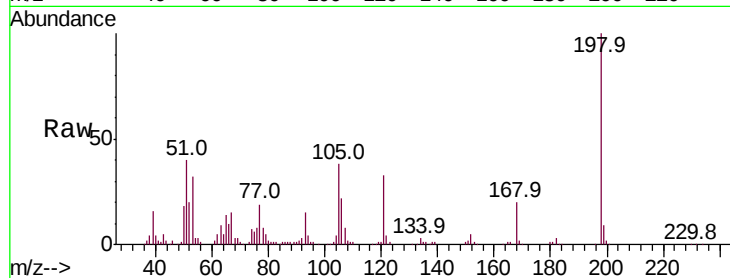
ClientSampleId :

PB114112BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	128890		
51	40.5	22.7	62.7	
105	37.9	19.7	59.7	

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#66

n-Nitrosodiphenylamine

Concen: 40.408 ng

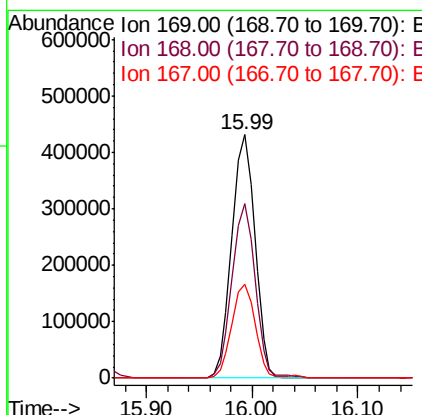
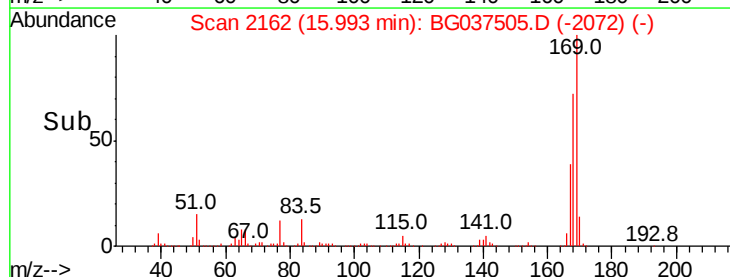
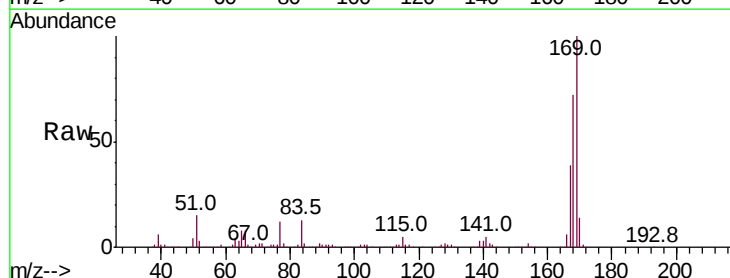
RT: 15.99 min Scan# 2162

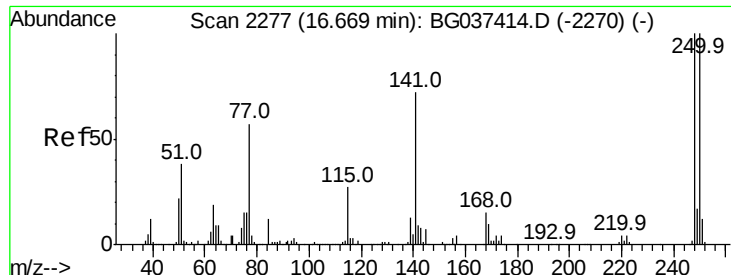
Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	658429		
168	71.9	55.7	83.5	
167	38.7	31.3	46.9	





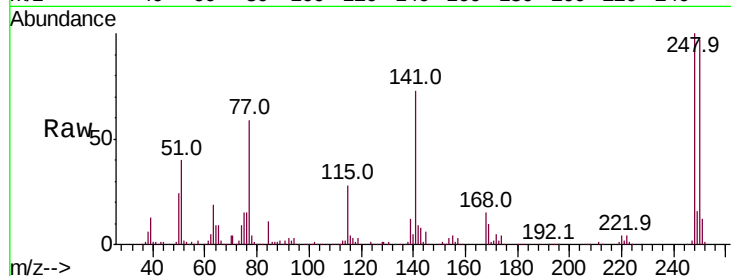
#67
 4-Bromophenyl-phenylether
 Concen: 39.830 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Instrument :
 BNA_G
 ClientSampleID :
 PB114112BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.0	115.6
141	72.8	55.5	83.3

Manual Integrations
 APPROVED

Sohil
 10/24/2018 1:43:06 PM

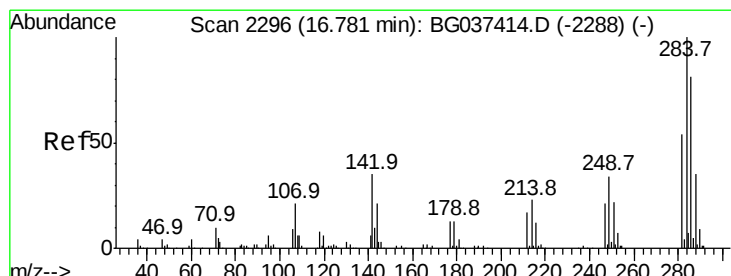
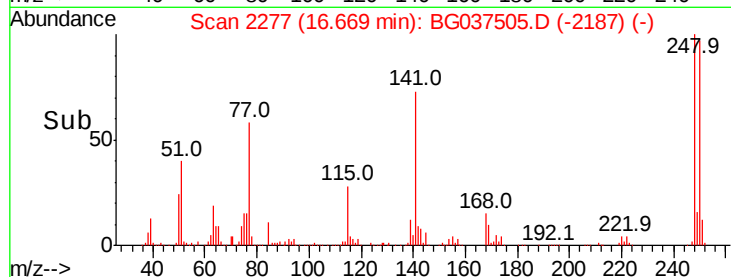
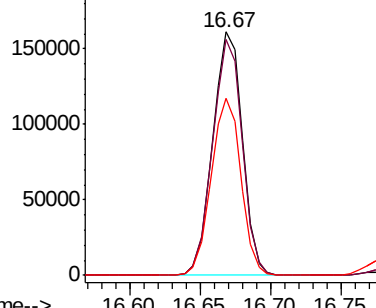


Abundance

Ion 248.00 (247.70 to 248.70): E

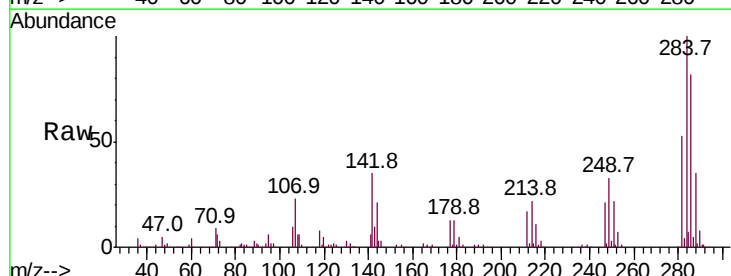
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.567 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.1	42.1
249	35.7	29.8	44.8

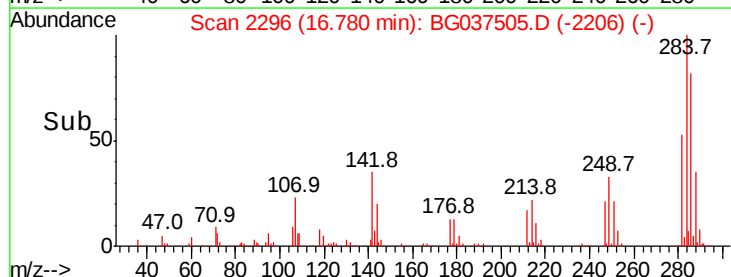
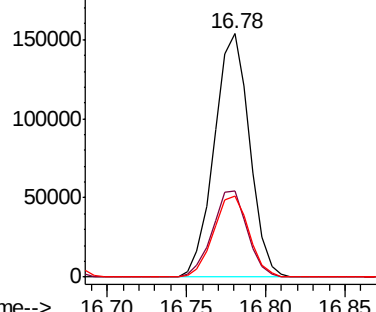


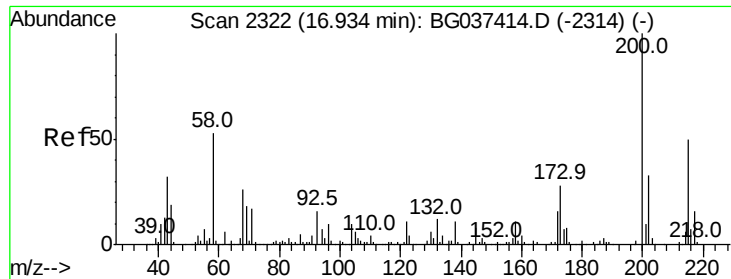
Abundance

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





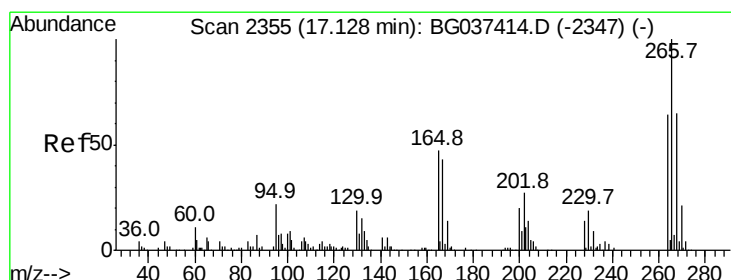
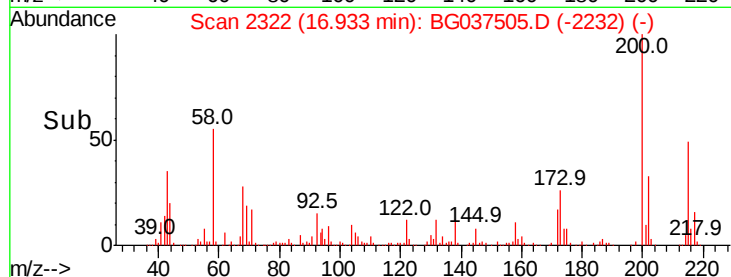
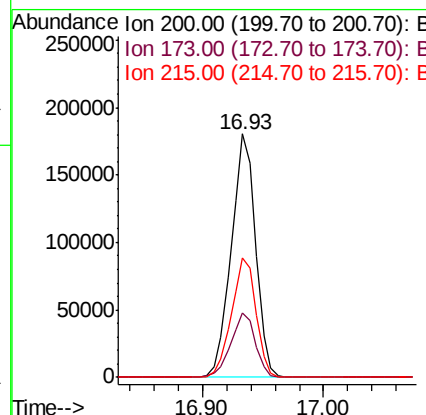
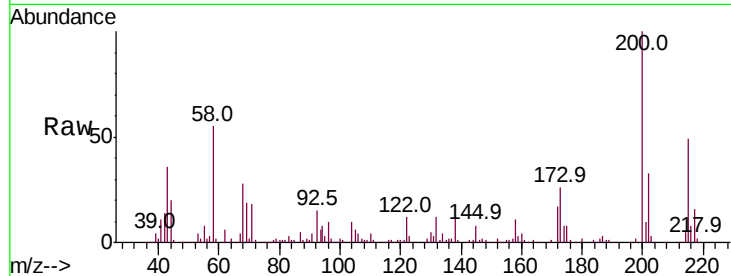
#69
Atrazine
Concen: 42.721 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.3	6.1	46.1
215	49.1	30.8	70.8

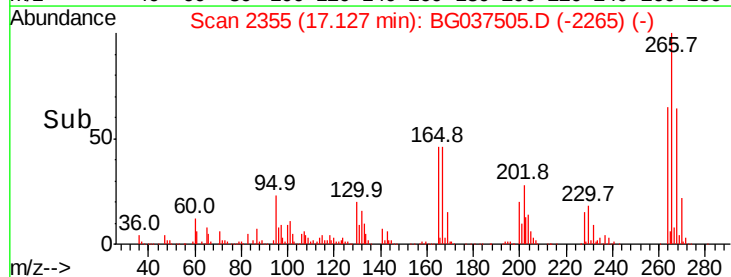
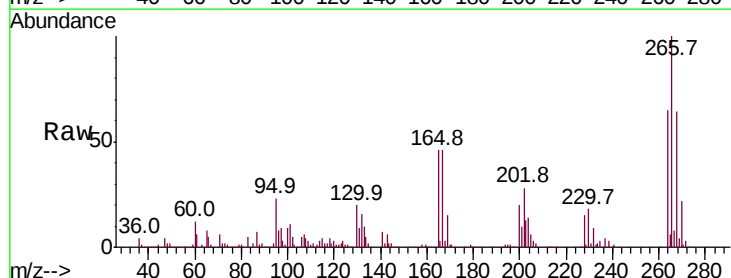
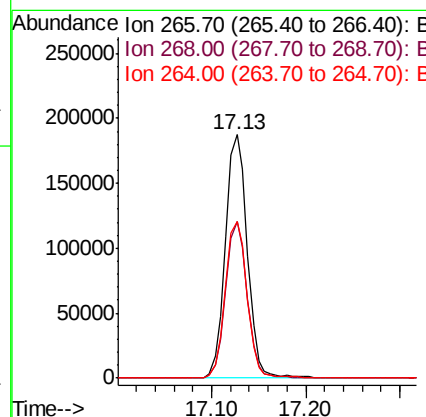
Manual Integrations
APPROVED

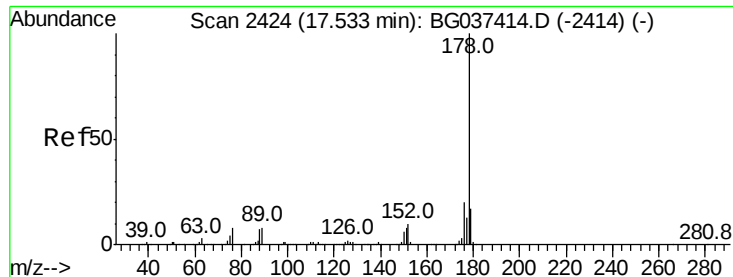
Sohil
10/24/2018 1:43:06 PM



#70
Pentachlorophenol
Concen: 74.147 ng
RT: 17.13 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.7	55.0	82.6
264	70.1	58.9	88.3





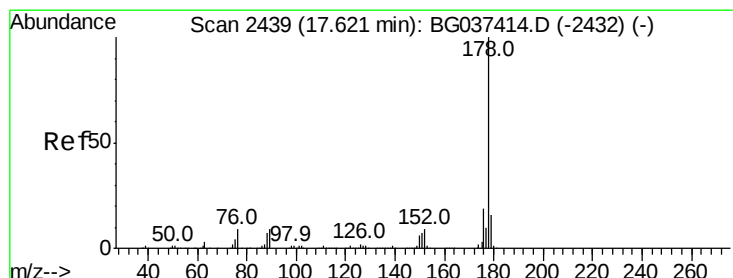
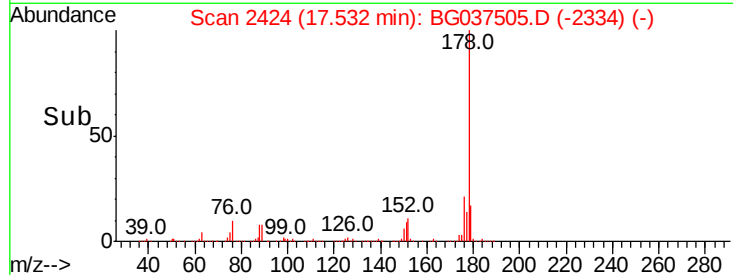
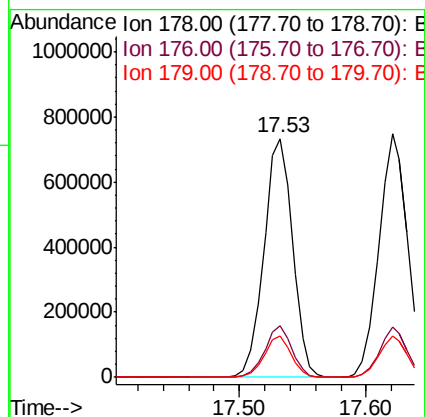
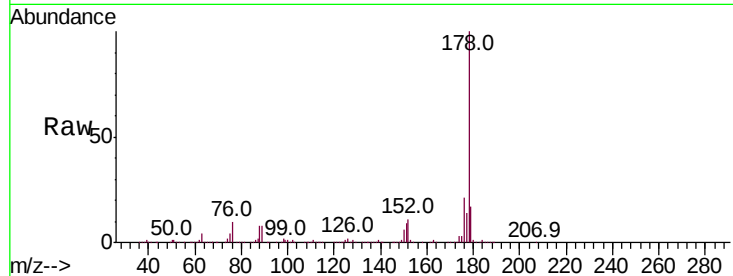
#71
Phenanthrene
Concen: 41.841 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion:178 Resp: 1151913
Ion Ratio Lower Upper
178 100
176 21.3 16.1 24.1
179 17.4 13.0 19.4

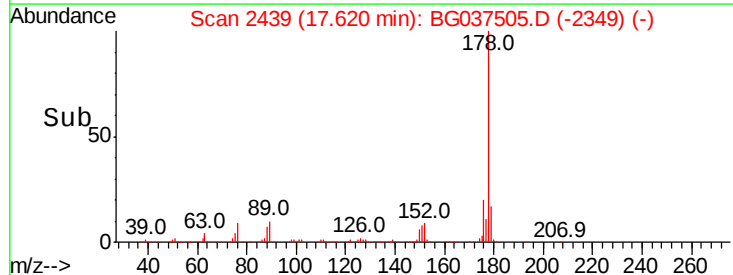
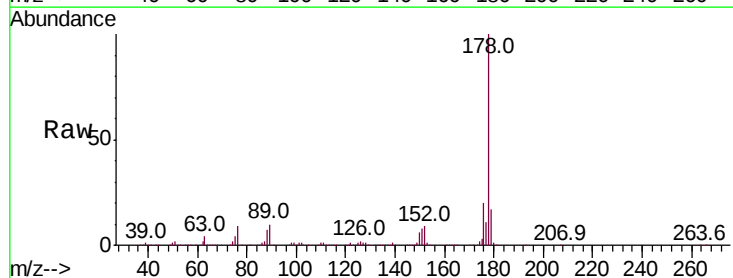
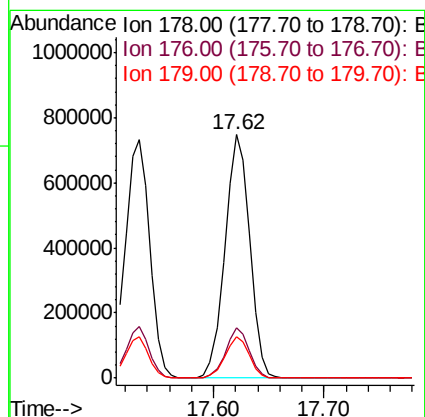
Manual Integrations
APPROVED

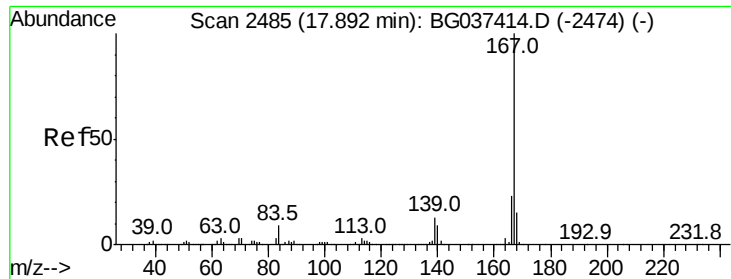
Sohil
10/24/2018 1:43:06 PM



#72
Anthracene
Concen: 43.308 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion:178 Resp: 1170077
Ion Ratio Lower Upper
178 100
176 20.5 15.0 22.4
179 17.3 12.8 19.2





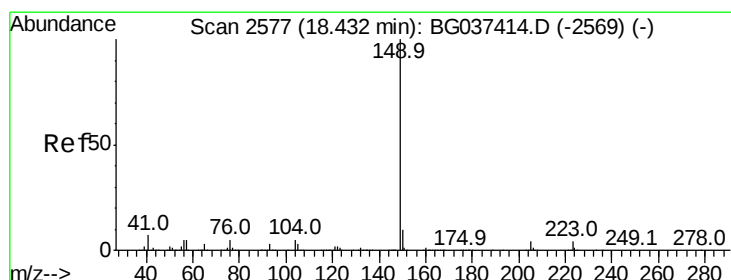
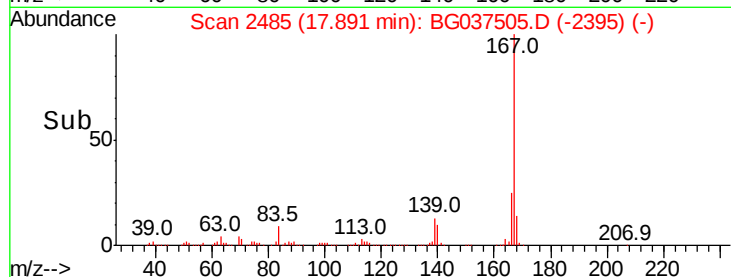
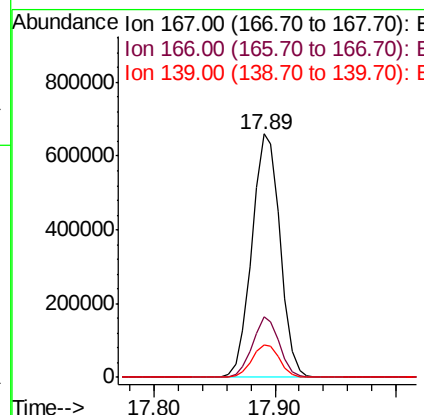
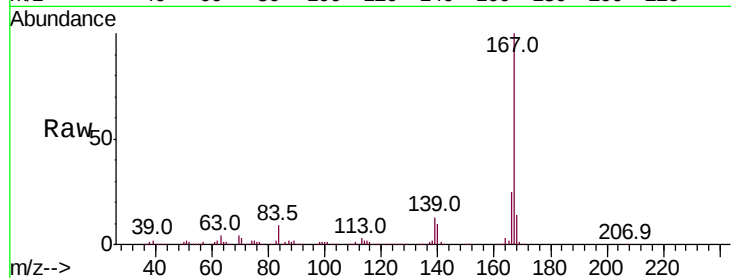
#73
 Carbazole
 Concen: 39.690 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114112BS

Tot Ion:167 Resp: 1072646
 Ion Ratio Lower Upper
 167 100
 166 24.6 18.3 27.5
 139 13.3 10.5 15.7

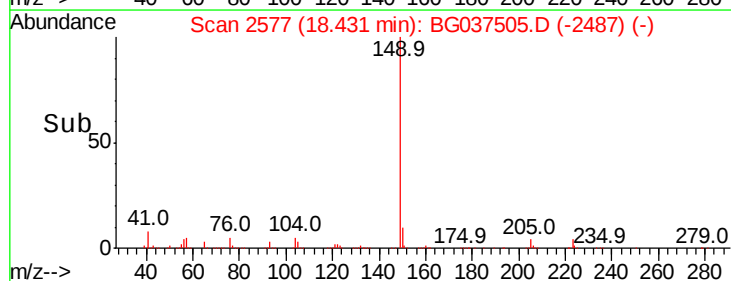
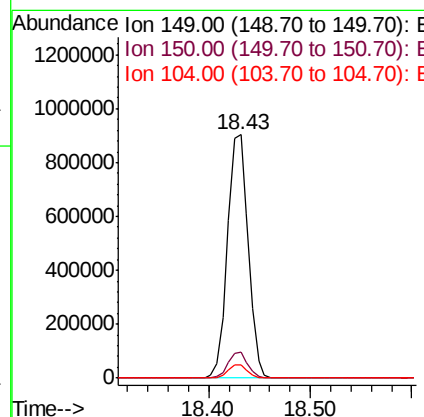
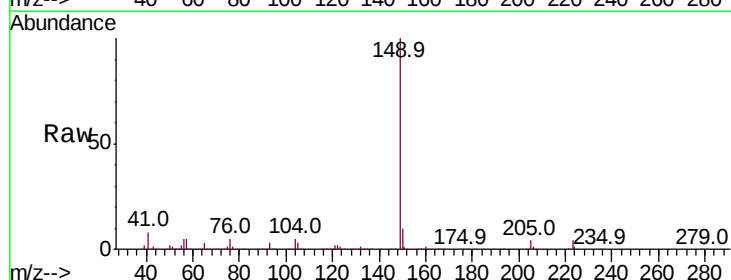
Manual Integrations
 APPROVED

Sohil
 10/24/2018 1:43:06 PM



#74
 Di-n-butylphthalate
 Concen: 42.529 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Tgt Ion:149 Resp: 1278590
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.2 12.2
 104 5.4 4.0 6.0





#75

Fluoranthene

Concen: 41.965 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

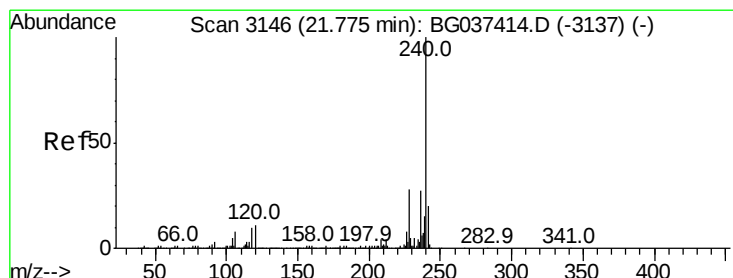
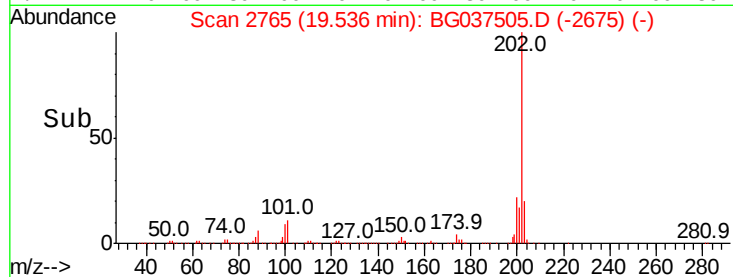
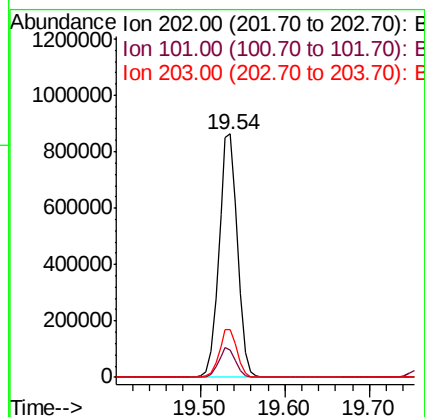
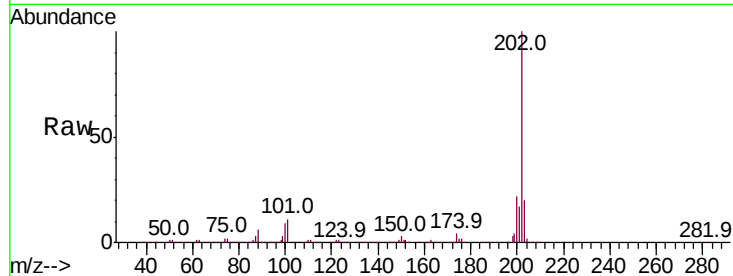
ClientSampleId :

PB114112BS

Tot Ion:	202	Resp:	1310377
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.7
203	19.6	0.0	38.5

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#76

Chrysene-d12

Concen: 20.000 ng

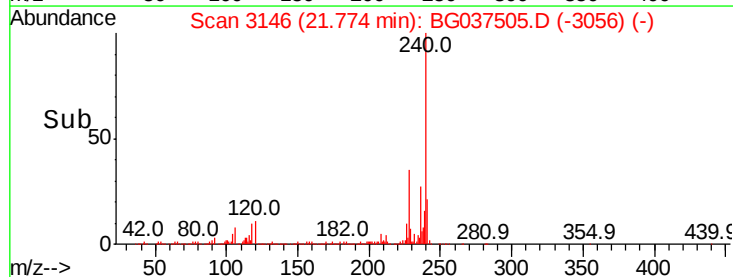
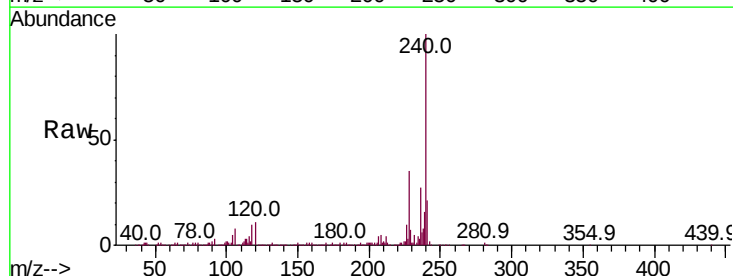
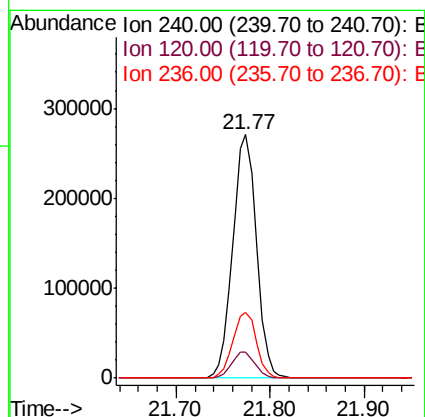
RT: 21.77 min Scan# 3146

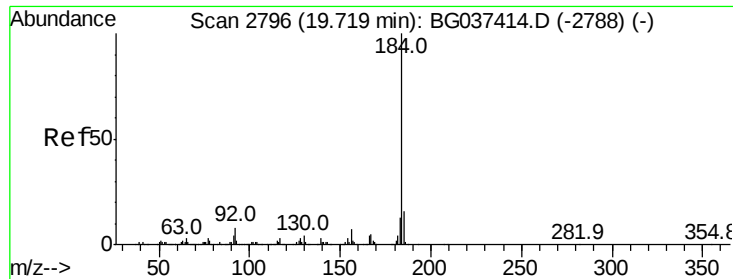
Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Tgt Ion:	240	Resp:	473340
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.1	12.1
236	27.1	21.4	32.0





#77

Benzidine

Concen: 40.742 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

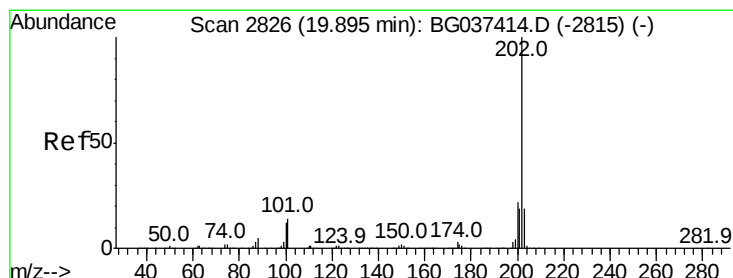
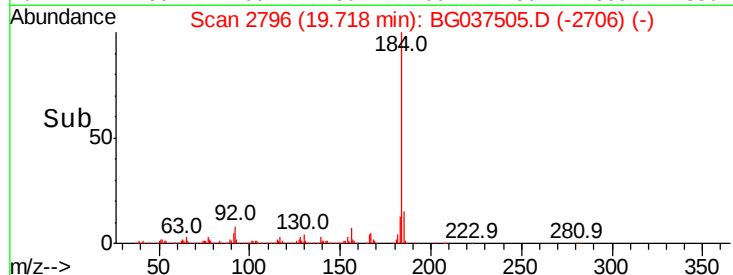
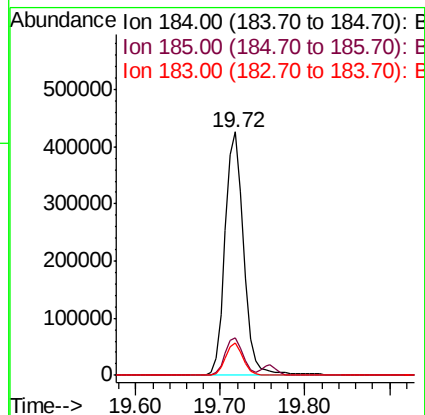
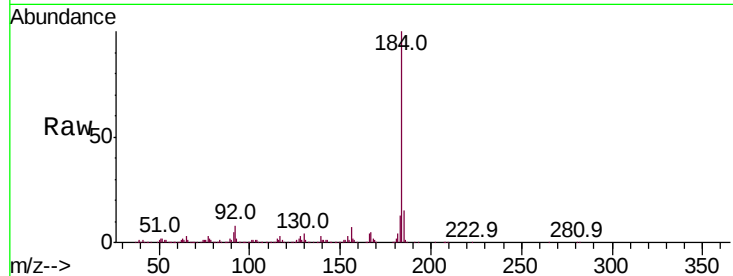
ClientSampleId :

PB114112BS

Tot Ion:	184	Resp:	655727
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	18.8
183	13.4	10.2	15.2

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#78

Pyrene

Concen: 40.516 ng

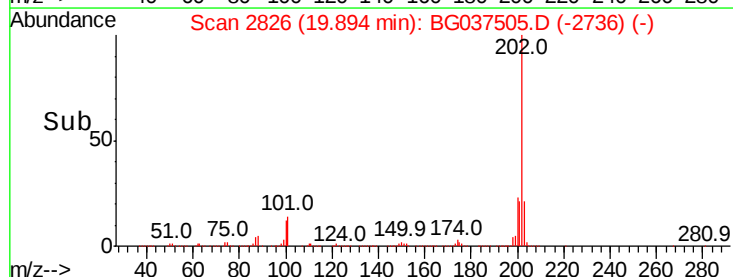
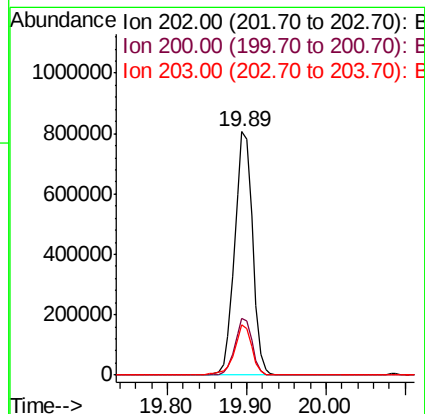
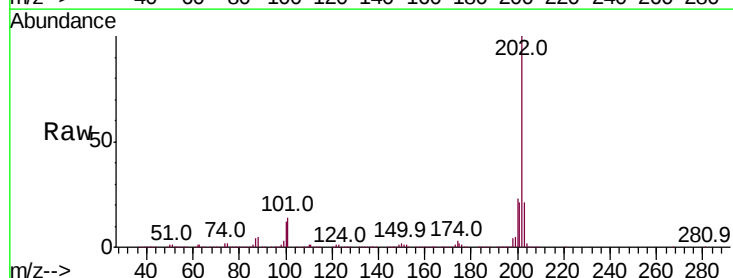
RT: 19.89 min Scan# 2826

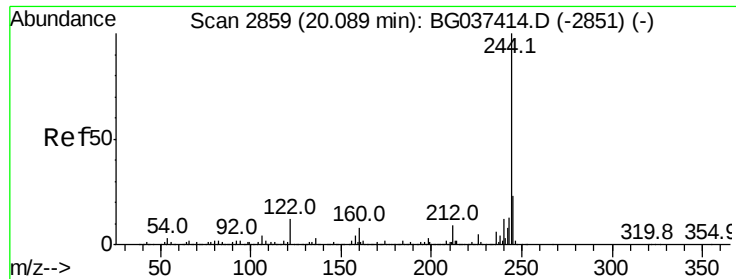
Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Tgt Ion:	202	Resp:	1253677
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.8	26.6
203	20.6	15.2	22.8





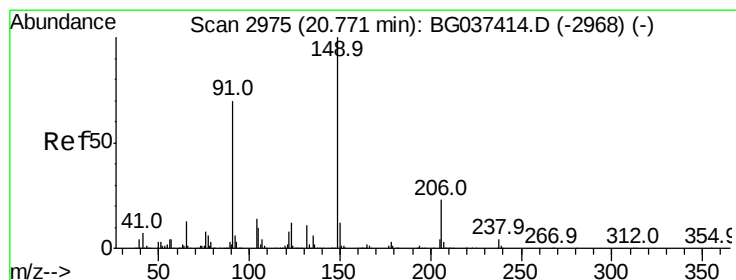
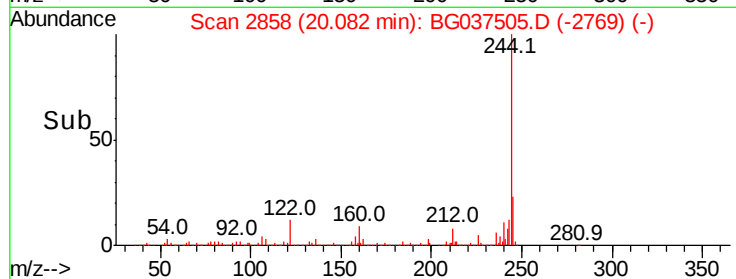
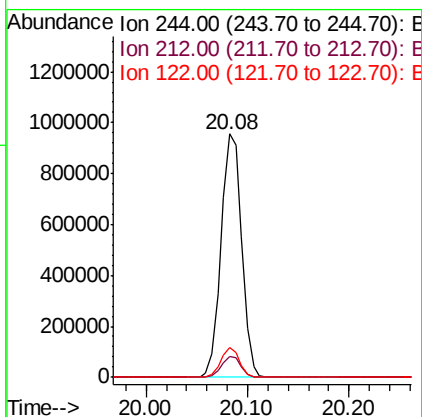
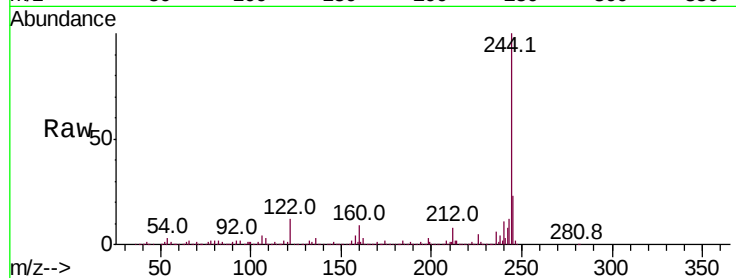
#79
 Terphenyl-d14
 Concen: 60.910 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114112BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	12.0	9.0	13.4

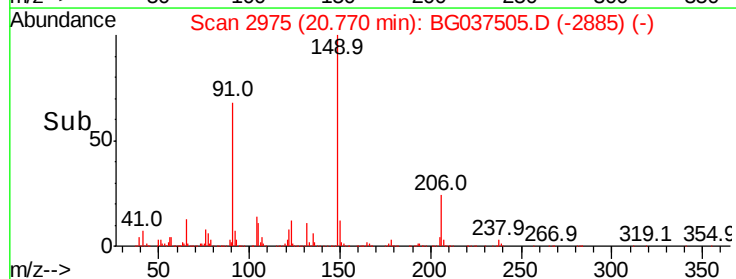
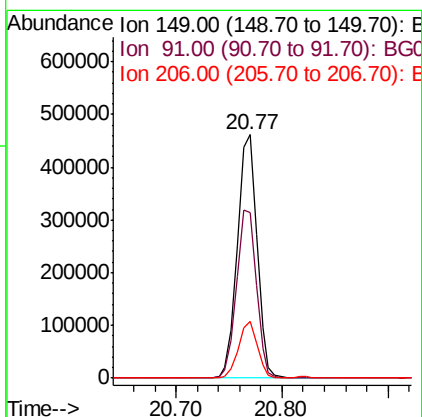
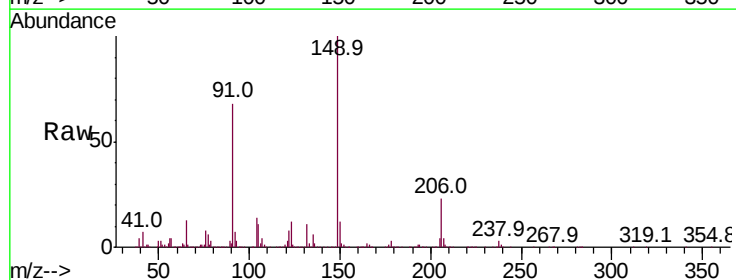
Manual Integrations
 APPROVED

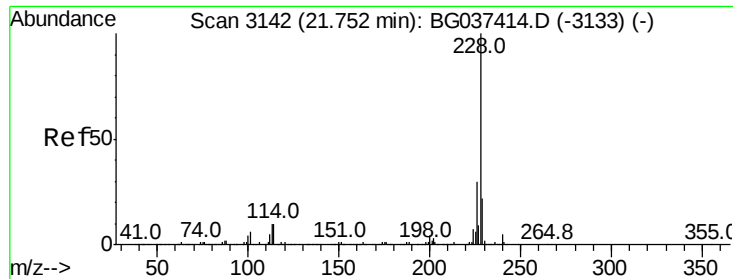
Sohil
 10/24/2018 1:43:06 PM



#80
 Butylbenzylphthalate
 Concen: 46.447 ng
 RT: 20.77 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	57.0	85.4
206	23.5	17.8	26.6





#81

Benzo(a)anthracene

Concen: 43.407 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

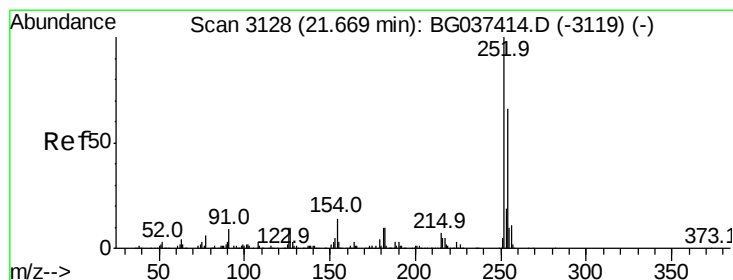
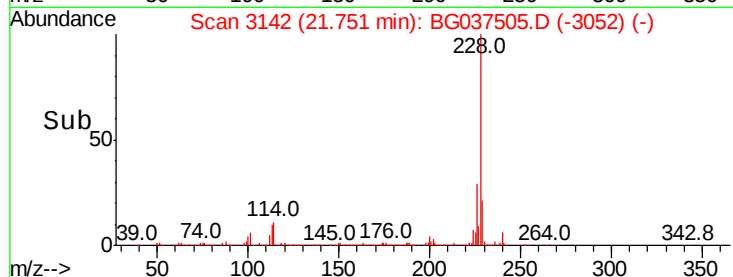
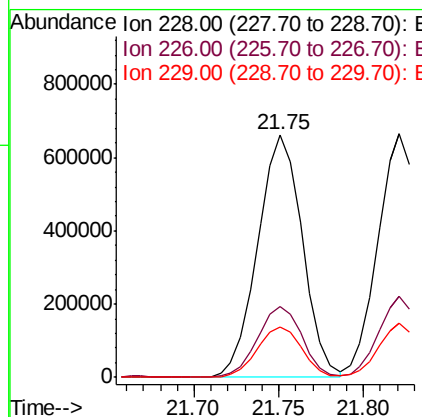
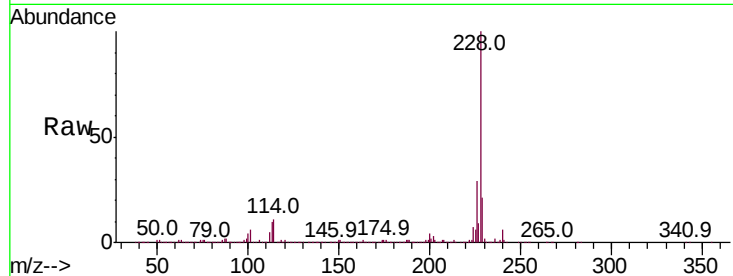
ClientSampleId :

PB114112BS

Tot Ion:	228	Resp:	1215285
Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.9	16.3	24.5

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#82

3,3'-Dichlorobenzidine

Concen: 31.223 ng

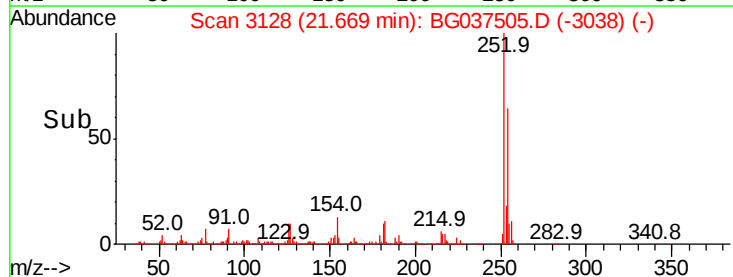
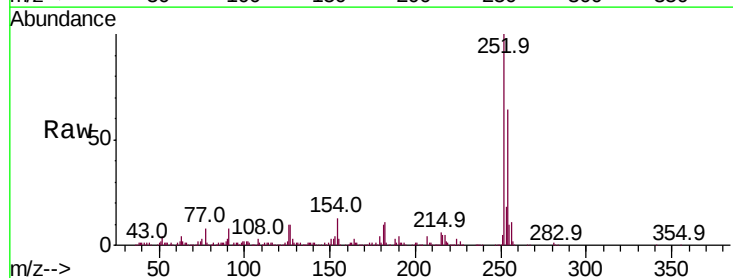
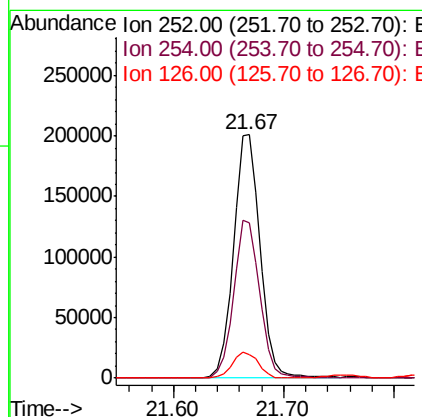
RT: 21.67 min Scan# 3128

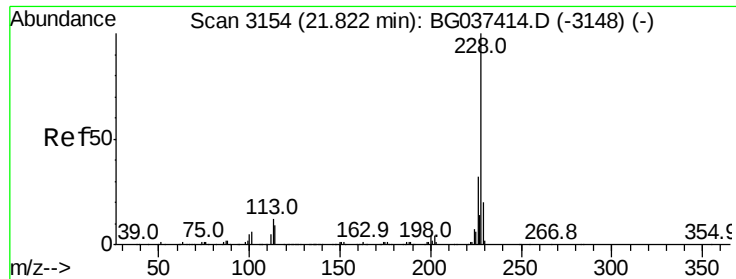
Delta R.T. -0.00 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Tgt Ion:	252	Resp:	338836
Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.0	78.0
126	9.6	8.2	12.4





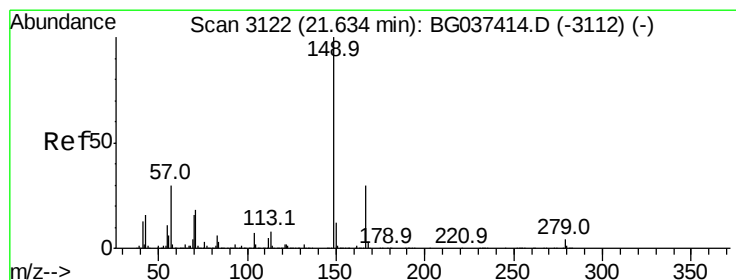
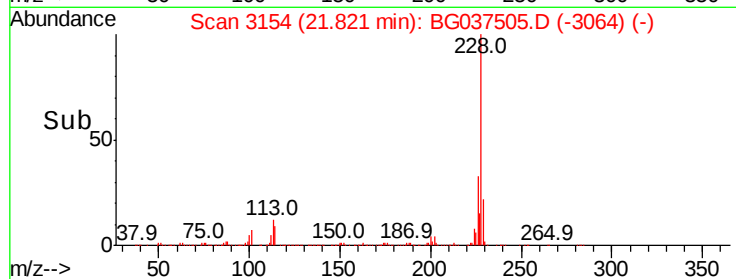
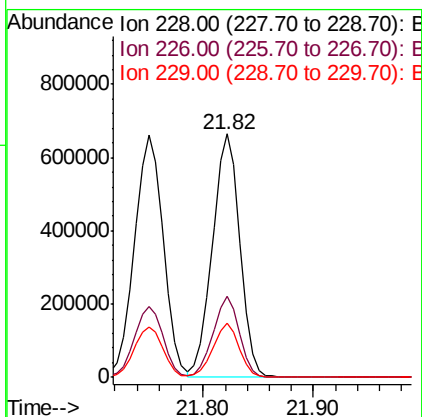
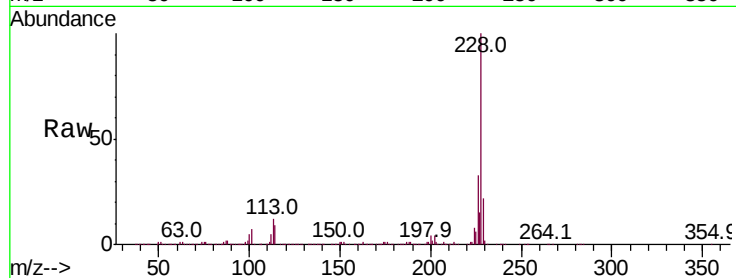
#83
 Chrvsene
 Concen: 42.233 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114112BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.7	38.5
229	22.1	16.5	24.7

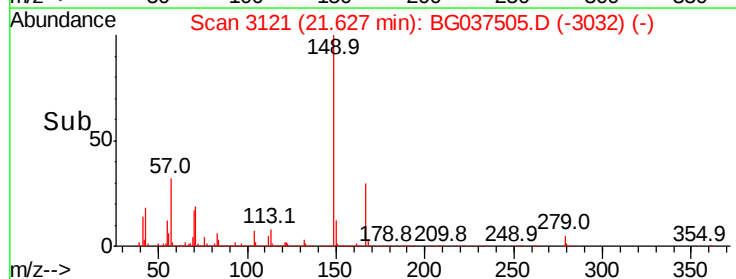
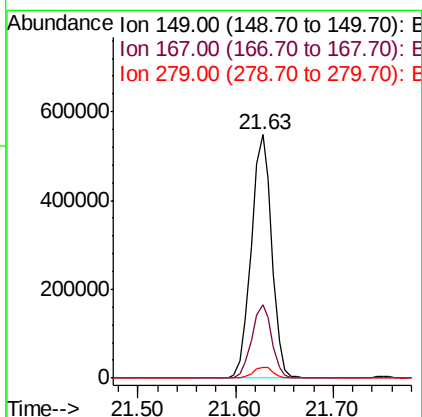
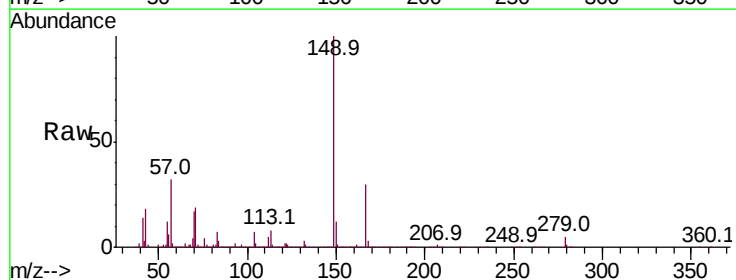
Manual Integrations
 APPROVED

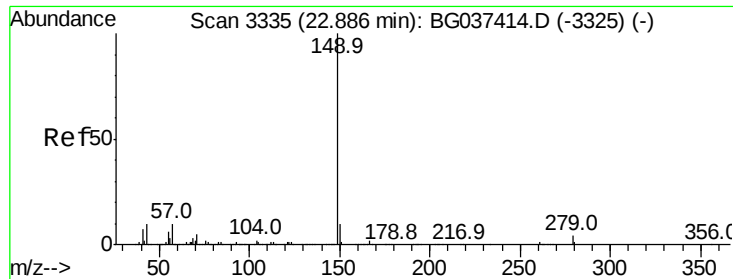
Sohil
 10/24/2018 1:43:06 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.713 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG037505.D
 Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	23.0	34.4
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 47.113 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

Instrument :

BNA_G

ClientSampleId :

PB114112BS

Tot Ion:149 Resp: 1363726

Ion Ratio Lower Upper

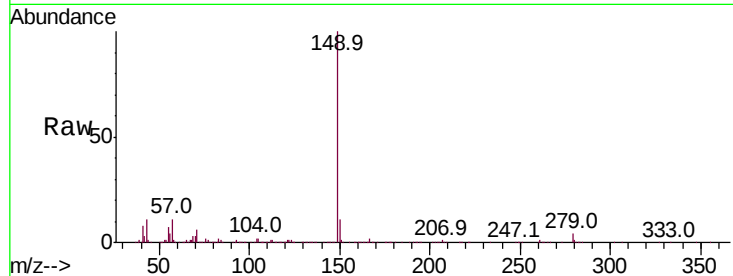
149 100

167 1.8 1.3 1.9

43 10.7 8.7 13.1

Manual Integrations
APPROVED

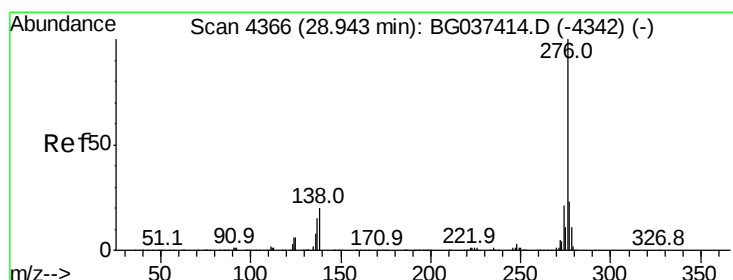
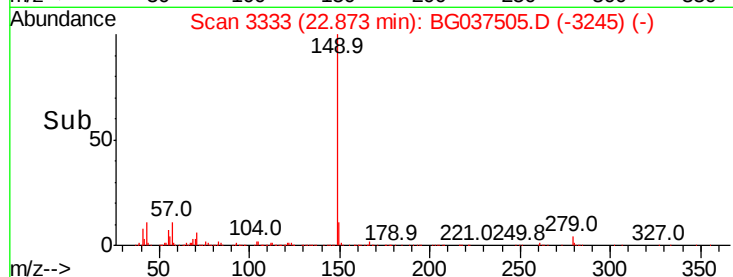
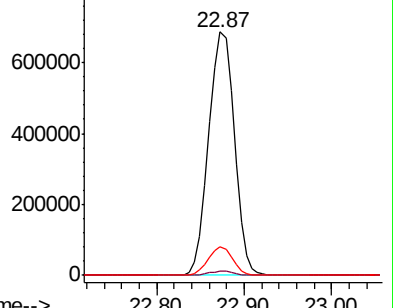
Sohil
10/24/2018 1:43:06 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.976 ng

RT: 28.94 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG037505.D

Acq: 24 Oct 2018 10:56

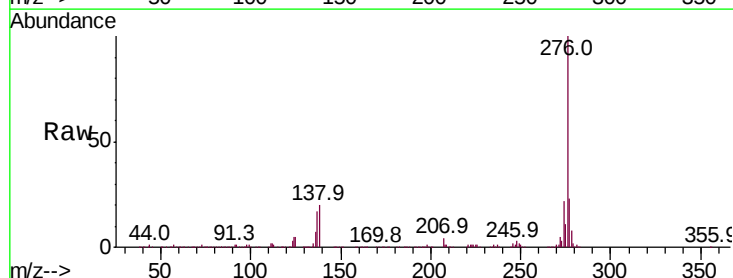
Tgt Ion:276 Resp: 1327556

Ion Ratio Lower Upper

276 100

138 16.0 12.0 18.0

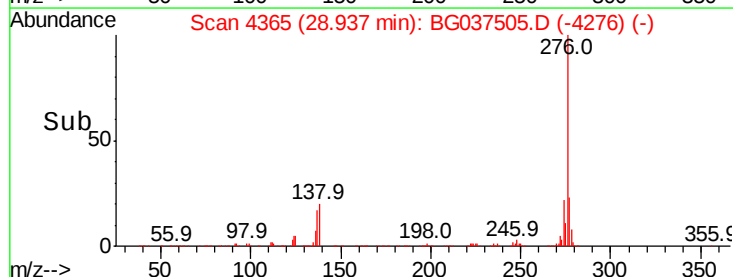
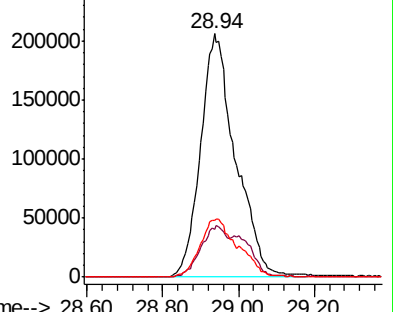
277 25.8 20.6 30.8

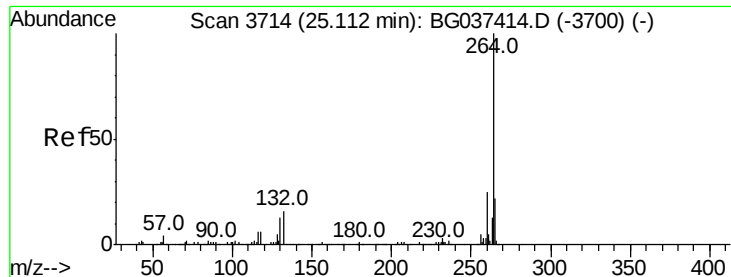


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





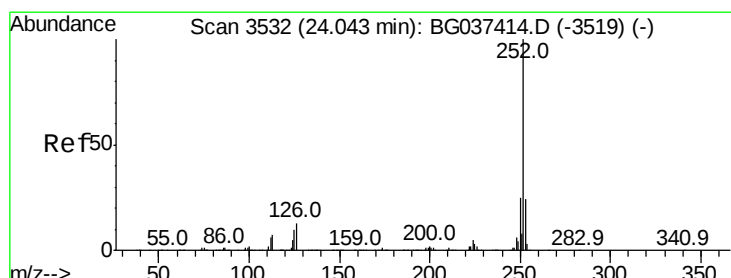
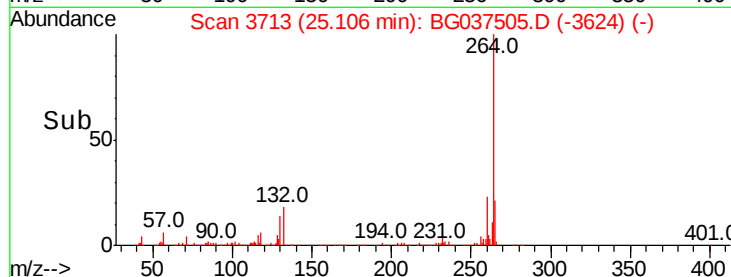
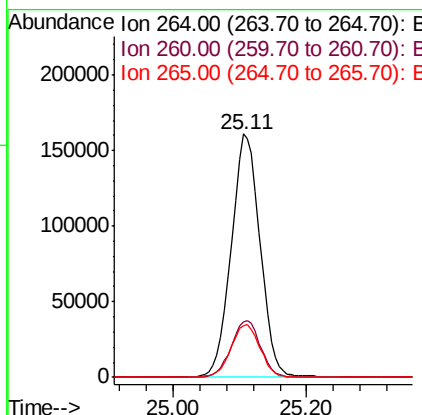
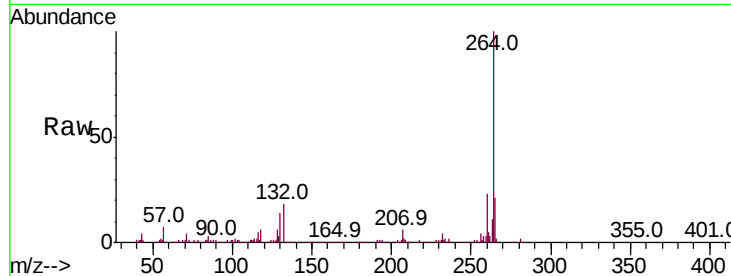
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.2	17.9	26.9

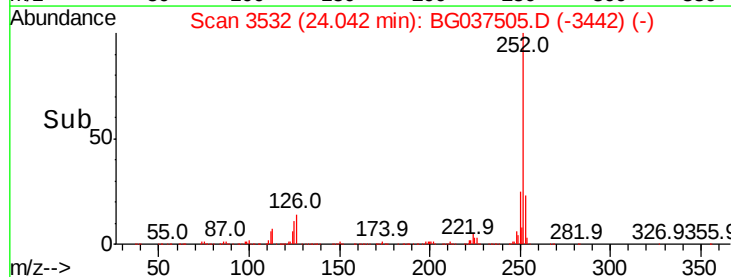
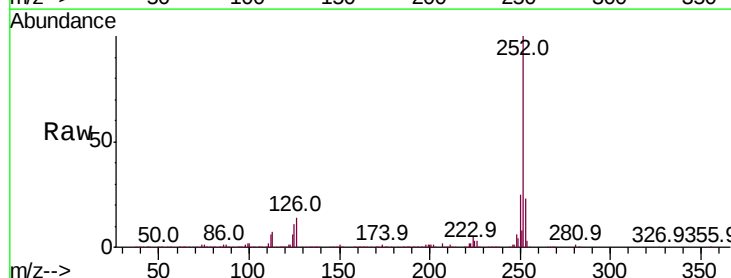
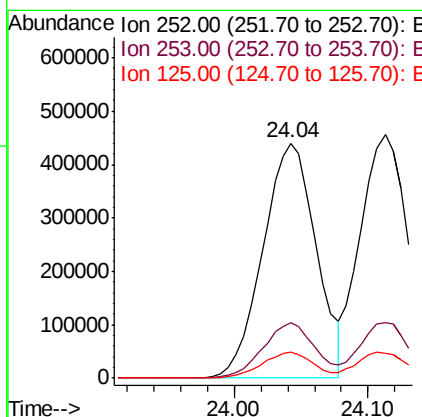
Manual Integrations
APPROVED

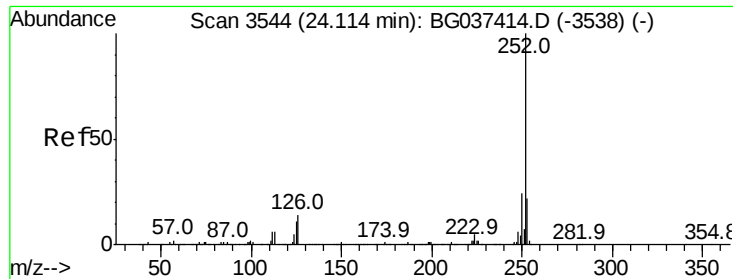
Sohil
10/24/2018 1:43:06 PM



#88
Benzo(b)fluoranthene
Concen: 45.889 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	11.1	7.8	11.6





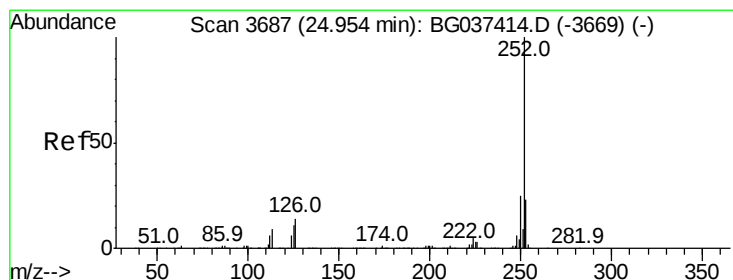
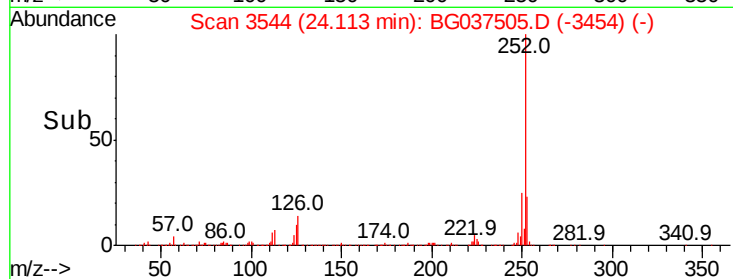
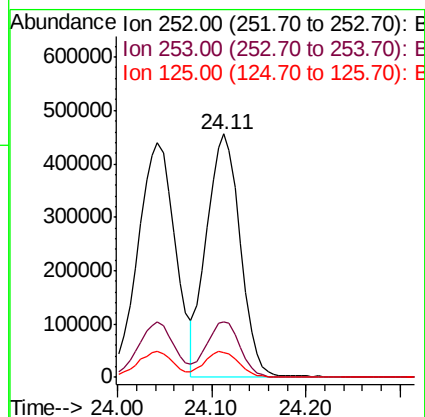
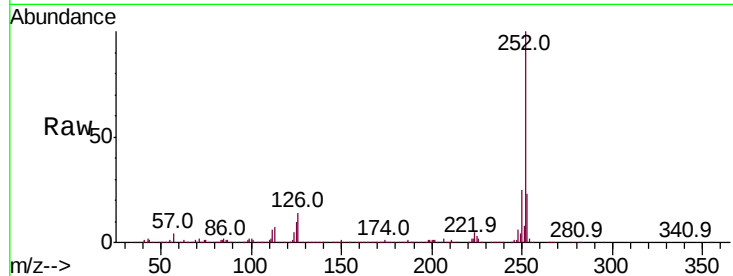
#89
Benzo(k)fluoranthene
Concen: 43.749 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	10.3	7.4	11.0

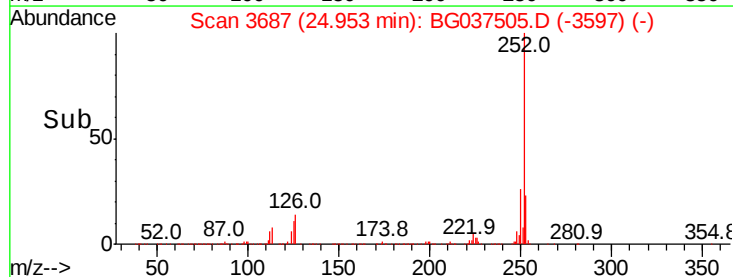
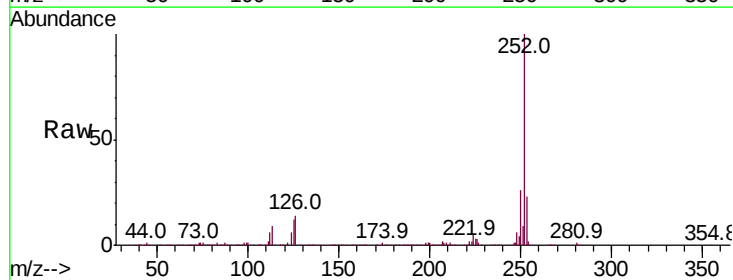
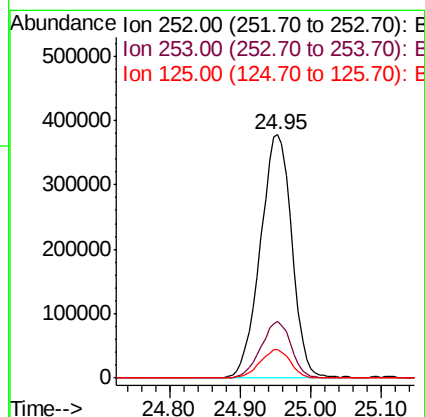
Manual Integrations
APPROVED

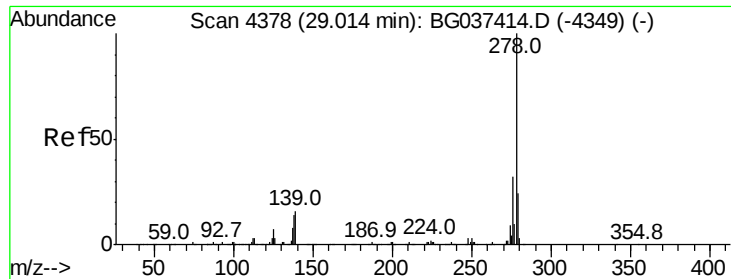
Sohil
10/24/2018 1:43:06 PM



#90
Benzo(a)pyrene
Concen: 46.582 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	11.6	9.0	13.6





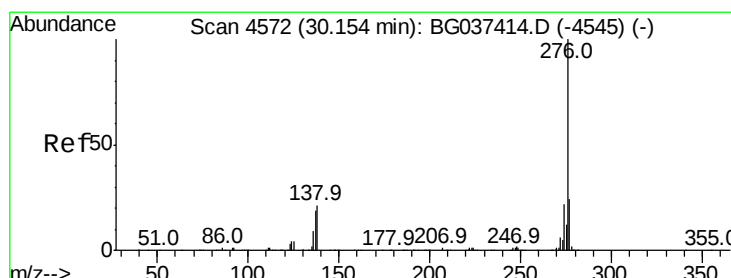
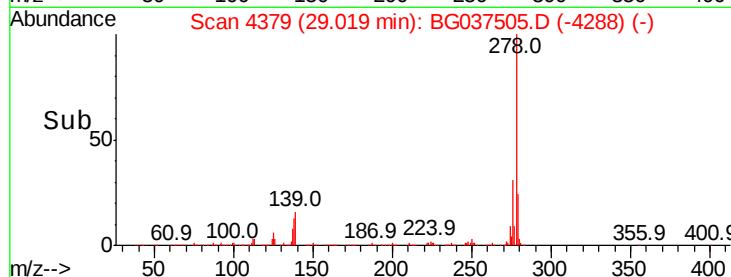
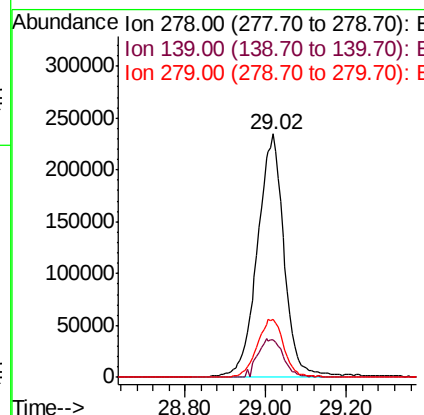
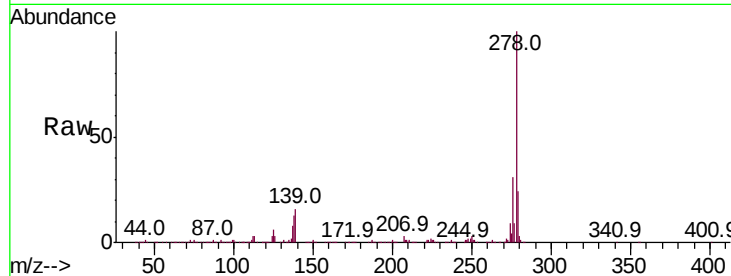
#91
Dibenzo(a,h)anthracene
Concen: 46.400 ng
RT: 29.02 min Scan# 4379
Delta R.T. 0.00 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Instrument :
BNA_G
ClientSampleId :
PB114112BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.5	17.3
279	23.7	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/24/2018 1:43:06 PM



#92
Benzo(g,h,i)perylene
Concen: 46.939 ng
RT: 30.15 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG037505.D
Acq: 24 Oct 2018 10:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	22.3	17.2	25.8

