

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037772.D
 Acq On : 3 Nov 2018 2:32
 Operator : JU/SJ
 Sample : PB114415BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BS

Manual Integrations
 APPROVED

Sohil
 11/5/2018 9:49:45 AM

Quant Time: Nov 03 02:56:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	49393	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	227490	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	152782	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	345416	20.00	ng	0.00
76) Chrysene-d12	21.77	240	314612	20.00	ng	0.00
87) Perylene-d12	25.10	264	322169	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	486648	164.72	ng	0.00
7) Phenol-d6	7.25	99	689777	154.40	ng	0.00
23) Nitrobenzene-d5	9.28	82	322513	79.42	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	269818	161.92	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	802084	79.16	ng	-0.01
79) Terphenyl-d14	20.08	244	1134231	77.03	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	53768	35.887	ng	99
3) Pyridine	3.93	79	130925	34.671	ng	96
4) n-Nitrosodimethylamine	3.85	42	57112	42.461	ng	94
6) Aniline	7.42	93	181845	33.366	ng	94
8) 2-Chlorophenol	7.66	128	150480	43.539	ng	99
9) Benzaldehyde	7.24	77	109679	39.248	ng	95
10) Phenol	7.27	94	204213	43.324	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	139848	39.064	ng	94
12) 1,3-Dichlorobenzene	7.98	146	153999	40.024	ng	97
13) 1,4-Dichlorobenzene	8.14	146	157874	40.112	ng	97
14) 1,2-Dichlorobenzene	8.45	146	150427	39.732	ng	100
15) Benzyl Alcohol	8.34	79	136043	41.213	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	258365	40.334	ng	98
17) 2-Methylphenol	8.53	107	137972	44.275	ng	100
18) Hexachloroethane	9.18	117	57496	42.850	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	113107	36.767	ng	95
20) 3+4-Methylphenols	8.86	107	194442	43.642	ng	97
22) Acetophenone	8.93	105	223749	39.217	ng	# 97
24) Nitrobenzene	9.32	77	169738	40.234	ng	91
25) Isophorone	9.83	82	329788	44.446	ng	98
26) 2-Nitrophenol	10.03	139	86562	45.547	ng	98
27) 2,4-Dimethylphenol	10.07	122	162664	47.937	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	204140	41.992	ng	97
29) 2,4-Dichlorophenol	10.56	162	168033	44.475	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	167161	40.686	ng	99
31) Naphthalene	10.97	128	489042	43.767	ng	100
32) Benzoic acid	10.20	122	97918	44.428	ng	97
33) 4-Chloroaniline	11.09	127	131747	25.094	ng	94
34) Hexachlorobutadiene	11.24	225	101247	41.579	ng	98
35) Caprolactam	11.87	113	59163m	39.045	ng	
36) 4-Chloro-3-methylphenol	12.18	107	181998	42.714	ng	97
37) 2-Methylnaphthalene	12.57	142	377571	46.355	ng	98
38) 1-Methylnaphthalene	12.79	142	357607	45.209	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	197774	40.132	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037772.D
 Acq On : 3 Nov 2018 2:32
 Operator : JU/SJ
 Sample : PB114415BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BS

Manual Integrations
 APPROVED

Sohil
 11/5/2018 9:49:45 AM

Quant Time: Nov 03 02:56:41 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	12.89	237	255979	108.742	ng	99
43) 2,4,6-Trichlorophenol	13.16	196	145675	44.247	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	155849	43.477	ng	98
46) 1,1'-Biphenyl	13.57	154	490346	38.753	ng	98
47) 2-Chloronaphthalene	13.62	162	389816	40.722	ng	99
48) 2-Nitroaniline	13.82	65	124223	42.793	ng	96
49) Acenaphthylene	14.46	152	634603	44.071	ng	99
50) Dimethylphthalate	14.18	163	490319	41.484	ng	99
51) 2,6-Dinitrotoluene	14.31	165	112028	42.845	ng	97
52) Acenaphthene	14.80	154	371845	41.930	ng	99
53) 3-Nitroaniline	14.65	138	97459	33.575	ng	# 92
54) 2,4-Dinitrophenol	14.85	184	83231	74.888	ng	92
55) Dibenzofuran	15.13	168	602805	41.026	ng	100
56) 4-Nitrophenol	14.94	139	237726	110.644	ng	99
57) 2,4-Dinitrotoluene	15.10	165	154698	45.072	ng	94
58) Fluorene	15.78	166	486188	44.187	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	138920	45.263	ng	97
60) Diethylphthalate	15.54	149	503210	41.469	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	257950	40.221	ng	97
62) 4-Nitroaniline	15.81	138	118199	40.980	ng	94
63) Azobenzene	16.06	77	474888	41.017	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	77928	43.880	ng	99
66) n-Nitrosodiphenylamine	15.99	169	433471	41.719	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	160203	42.234	ng	98
68) Hexachlorobenzene	16.77	284	160089	40.721	ng	98
69) Atrazine	16.93	200	160752	42.792	ng	100
70) Pentachlorophenol	17.12	266	189188	71.843	ng	97
71) Phenanthrene	17.52	178	774581	44.123	ng	100
72) Anthracene	17.62	178	788565	45.773	ng	99
73) Carbazole	17.89	167	705561	40.942	ng	99
74) Di-n-butylphthalate	18.42	149	834125	43.511	ng	100
75) Fluoranthene	19.53	202	887400	44.569	ng	100
77) Benzidine	19.71	184	424707	39.701	ng	100
78) Pyrene	19.89	202	874371	42.514	ng	100
80) Butylbenzylphthalate	20.76	149	372551	44.261	ng	99
81) Benzo(a)anthracene	21.75	228	827300	44.457	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	227498	31.540	ng	99
83) Chrysene	21.81	228	780271	43.605	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	530153	44.934	ng	100
85) Di-n-octyl phthalate	22.87	149	892544	46.392	ng	97
86) Indeno(1,2,3-cd)pyrene	28.92	276	777630	40.518	ng	# 92
88) Benzo(b)fluoranthene	24.03	252	804577	45.553	ng	98
89) Benzo(k)fluoranthene	24.11	252	775438	44.811	ng	98
90) Benzo(a)pyrene	24.95	252	772670	46.038	ng	99
91) Dibenzo(a,h)anthracene	28.99	278	605099	39.085	ng	98
92) Benzo(g,h,i)perylene	30.12	276	664289	42.412	ng	99

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

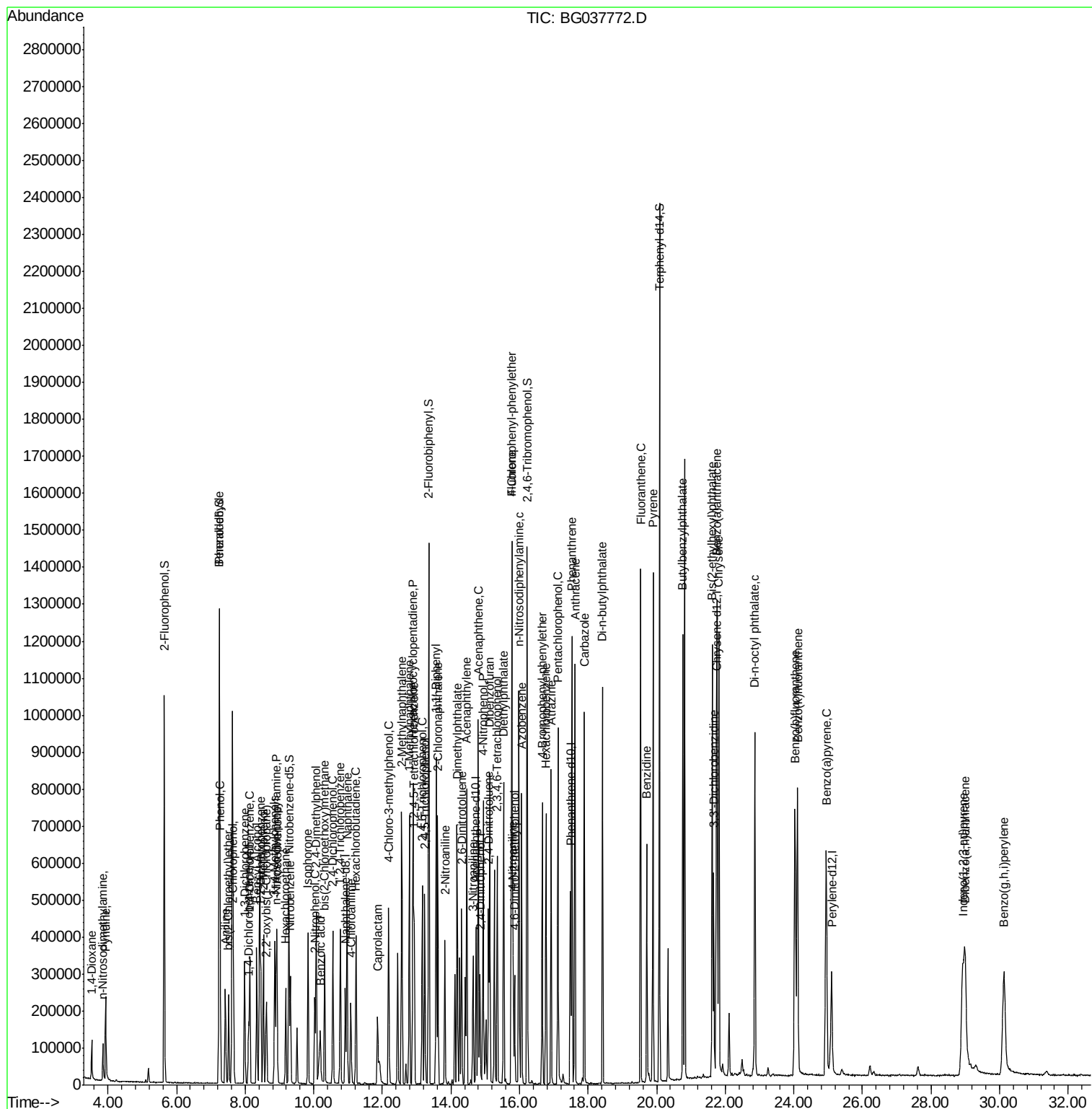
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037772.D
Acq On : 3 Nov 2018 2:32
Operator : JU/SJ
Sample : PB114415BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

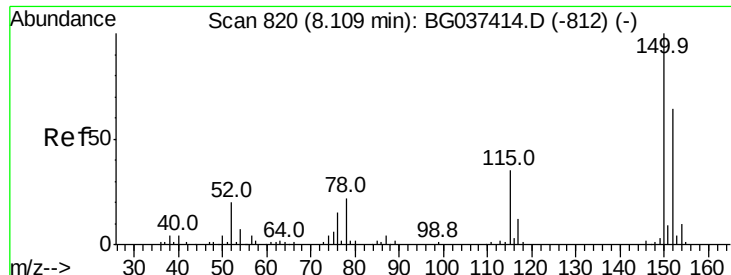
Instrument :
BNA_G
ClientSampled :
PB114415BS

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM

Quant Time: Nov 03 02:56:41 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





#1

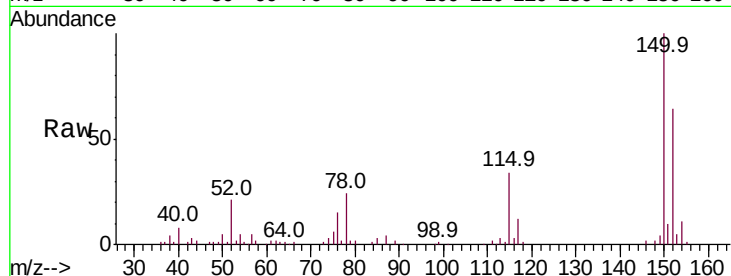
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.0	189.0
115	53.5	45.5	68.3

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM

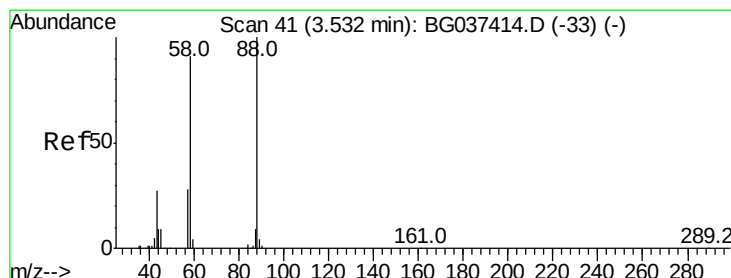
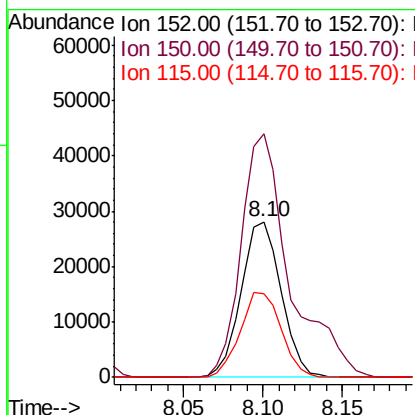
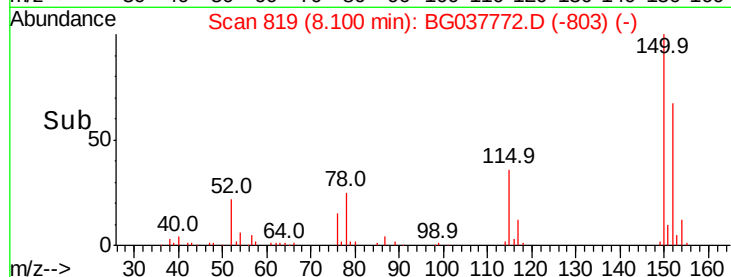


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

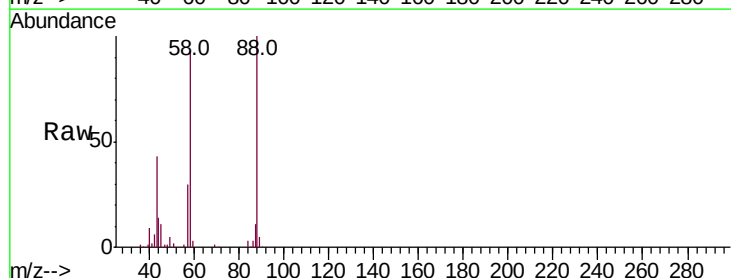
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.887 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.0	74.4	111.6
43	32.4	25.8	38.8

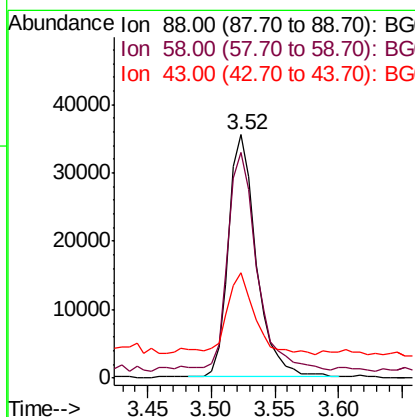
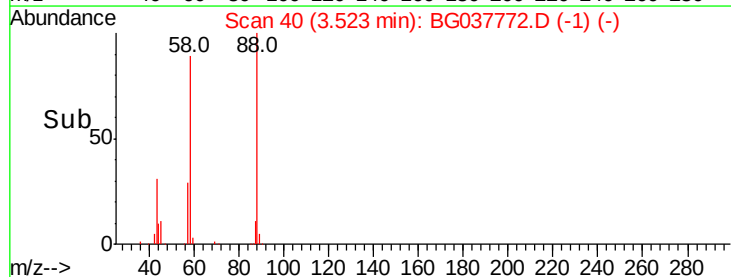


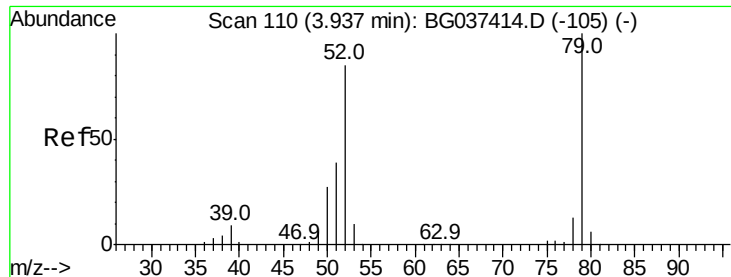
Abundance

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: 34.671 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Instrument :

BNA_G

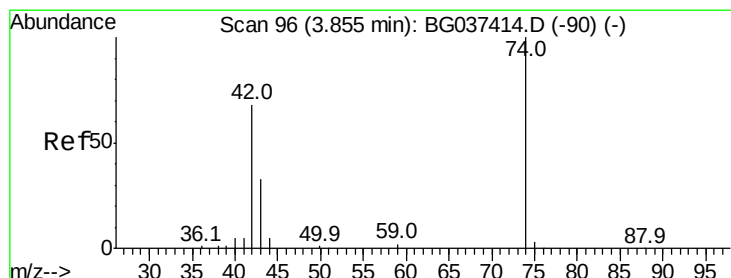
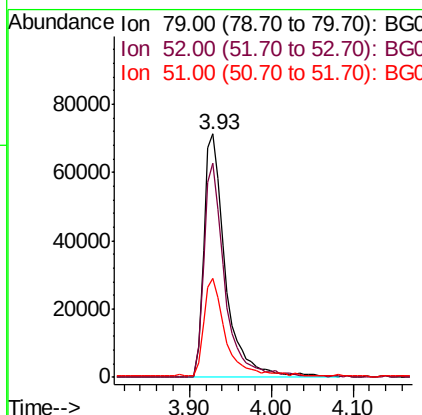
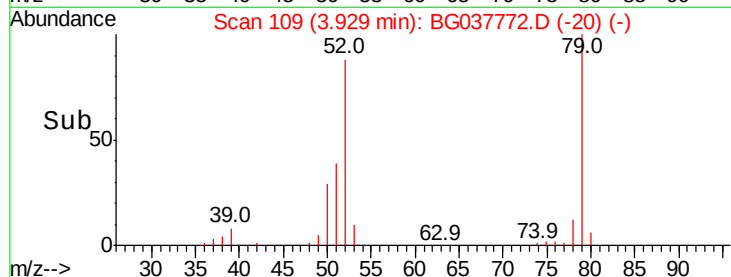
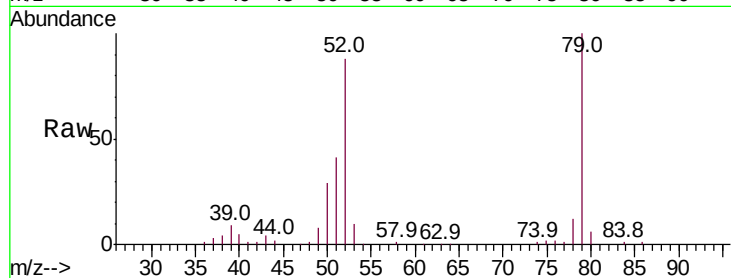
ClientSampleId :

PB114415BS

Tot Ion:	79	Resp:	130925
Ion Ratio	Lower	Upper	
79	100		
52	88.2	74.2	111.2
51	40.6	34.6	51.8

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



#4

n-Nitrosodimethylamine

Concen: 42.461 ng

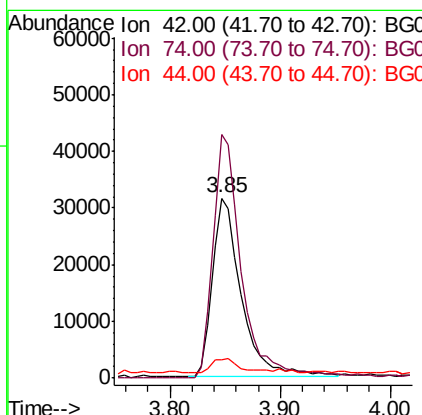
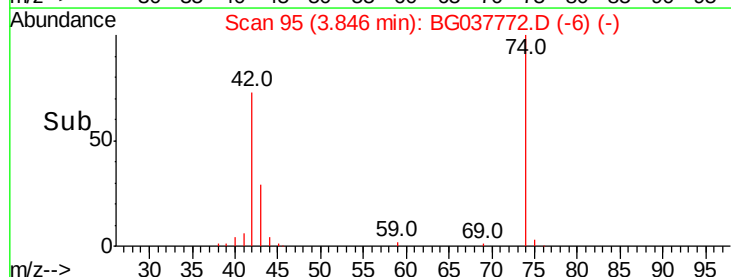
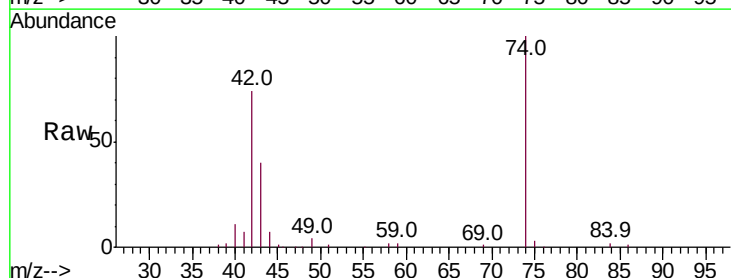
RT: 3.85 min Scan# 95

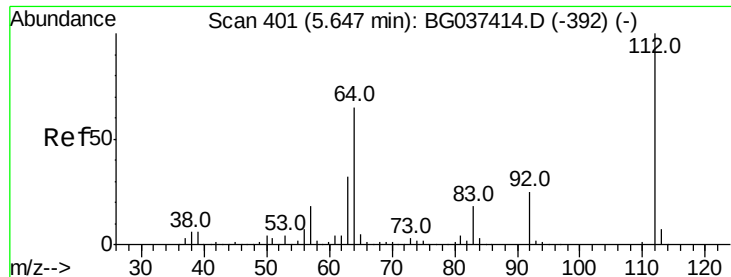
Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Tgt Ion:	42	Resp:	57112
Ion Ratio	Lower	Upper	
42	100		
74	135.1	102.0	153.0
44	10.0	9.6	14.4





#5

2-Fluorophenol

Concen: 164.721 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Instrument :

BNA_G

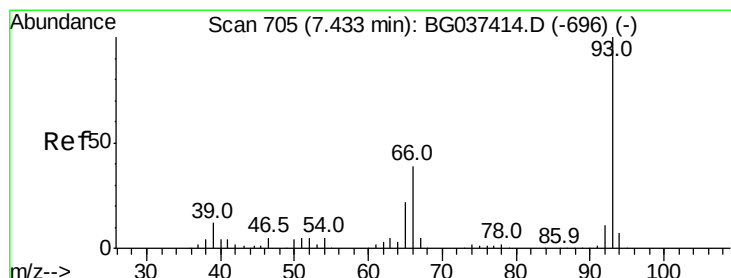
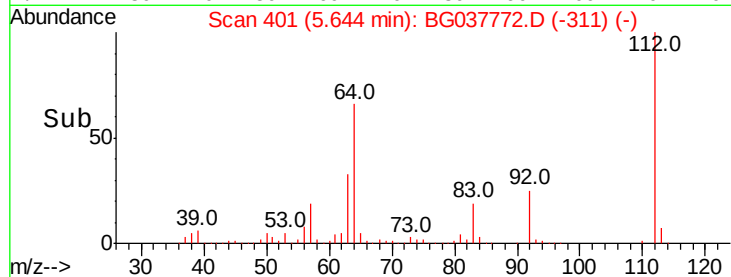
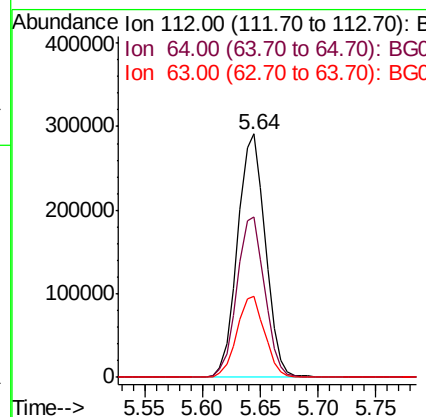
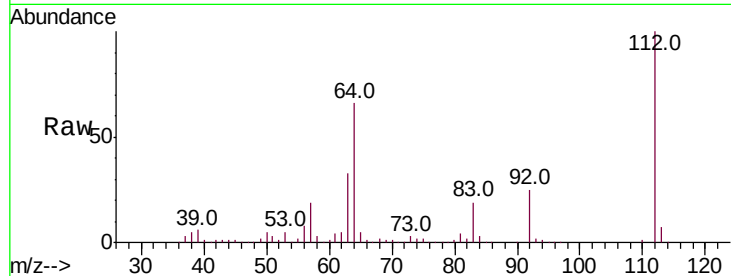
ClientSampleId :

PB114415BS

Tot Ion:	112	Resp:	486648
Ion Ratio	Lower	Upper	
112	100		
64	65.7	53.1	79.7
63	33.1	27.3	40.9

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



#6

Aniline

Concen: 33.366 ng

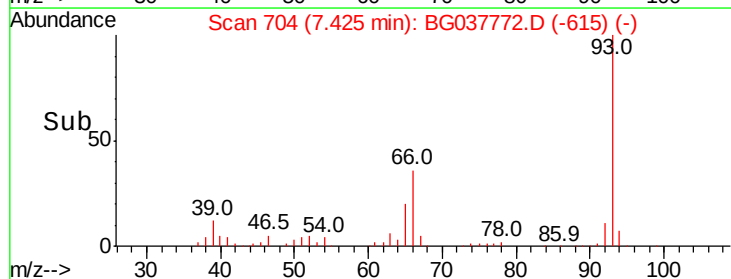
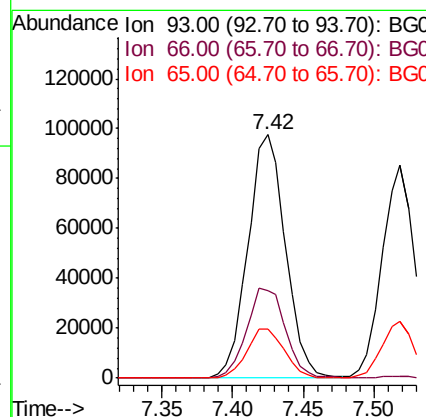
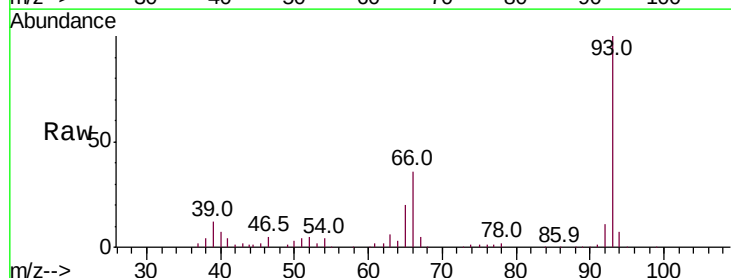
RT: 7.42 min Scan# 704

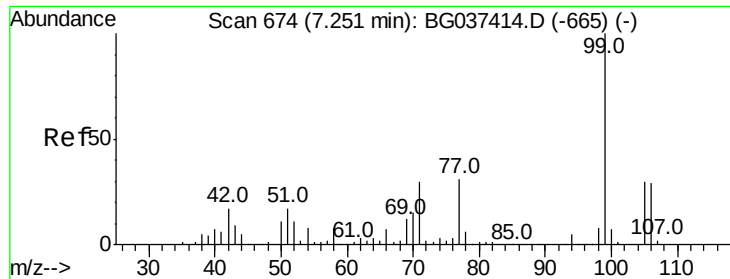
Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Tgt Ion:	93	Resp:	181845
Ion Ratio	Lower	Upper	
93	100		
66	36.1	32.8	49.2
65	20.1	16.4	24.6





#7

Phenol-d6

Concen: 154.402 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Instrument :

BNA_G

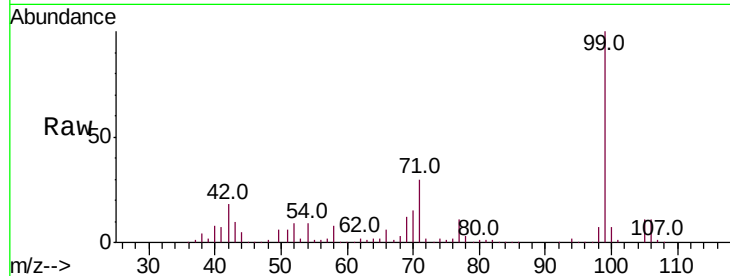
ClientSampleId :

PB114415BS

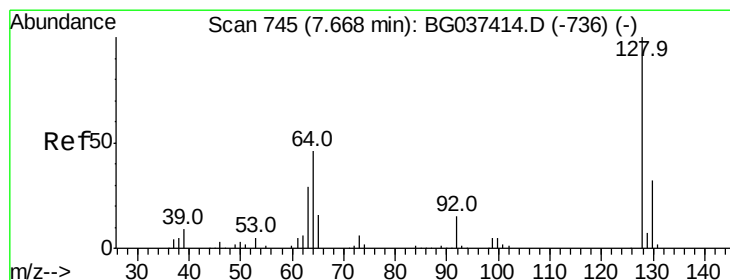
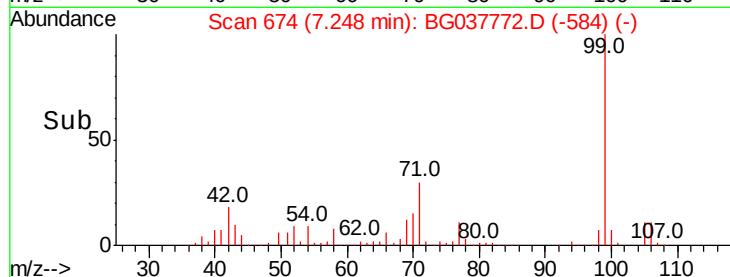
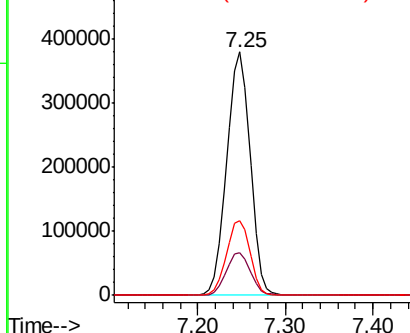
Tot Ion:	99	Resp:	689777
Ion Ratio	Lower	Upper	
99	100		
42	17.7	15.0	22.4
71	30.5	25.5	38.3

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.539 ng

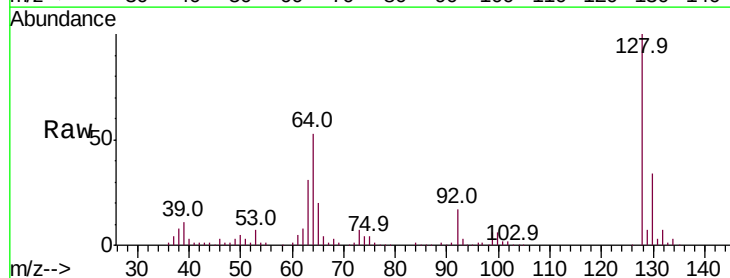
RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

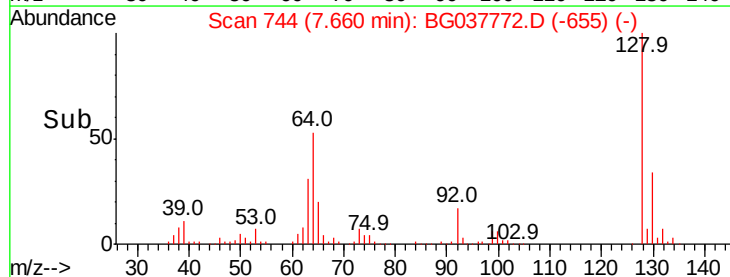
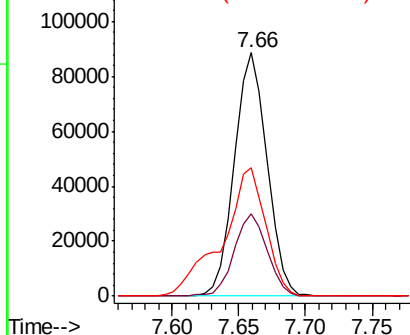
Lab File: BG037772.D

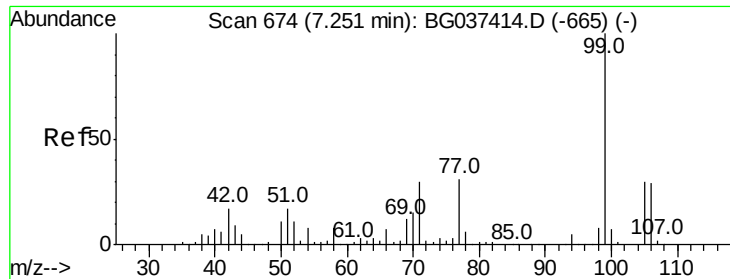
Acq: 3 Nov 2018 2:32

Tgt Ion:	128	Resp:	150480
Ion Ratio	Lower	Upper	
128	100		
130	33.8	12.0	52.0
64	52.6	32.9	72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 39.248 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Instrument :

BNA_G

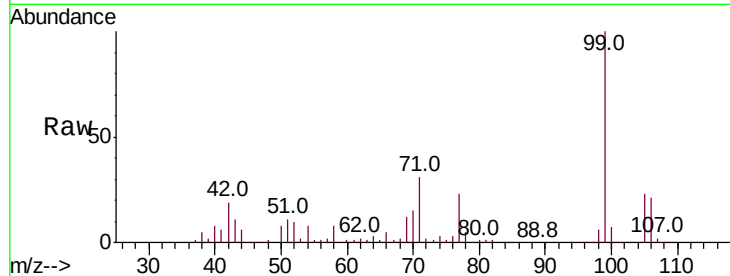
ClientSampleId :

PB114415BS

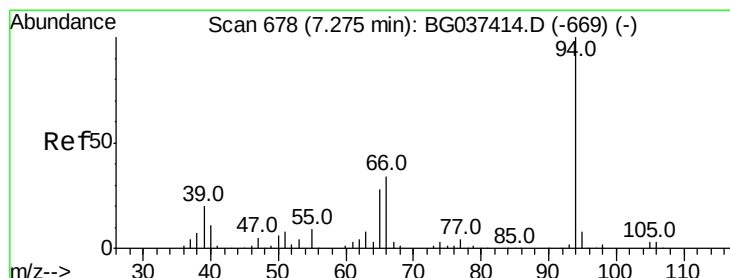
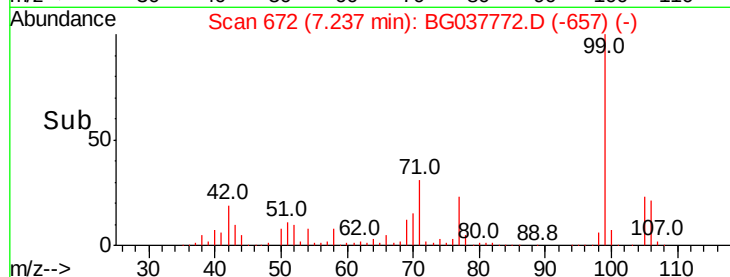
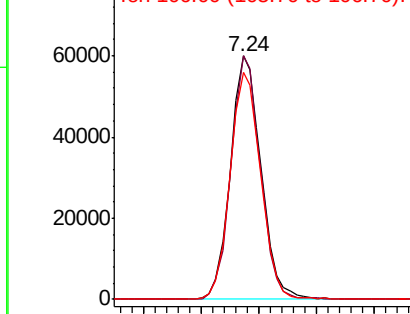
Tot Ion	Ratio	Lower	Upper
77	100		
105	100.0	72.6	112.6
106	93.5	71.3	111.3

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.324 ng

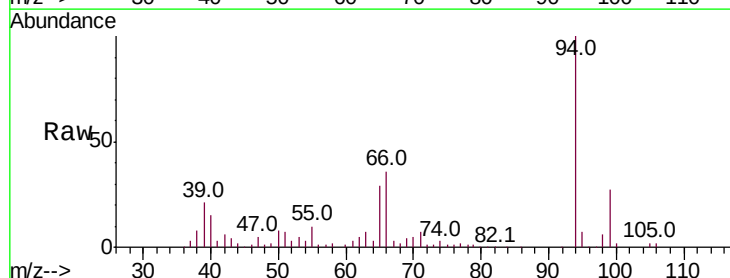
RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

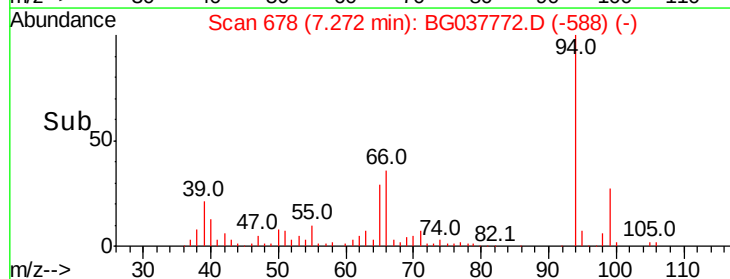
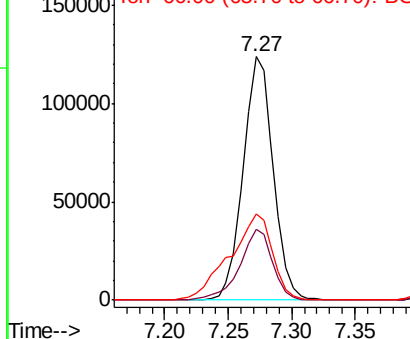
Lab File: BG037772.D

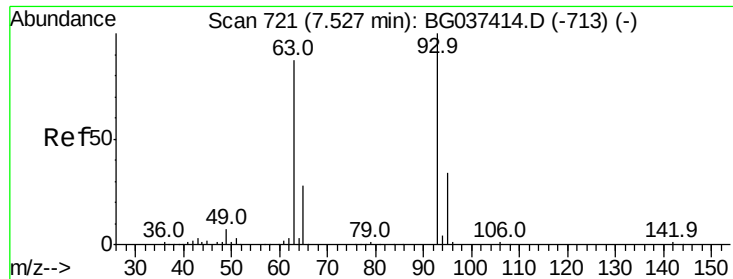
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.7	49.7
66	35.7	15.9	55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.064 ng

RT: 7.52 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Instrument :

BNA_G

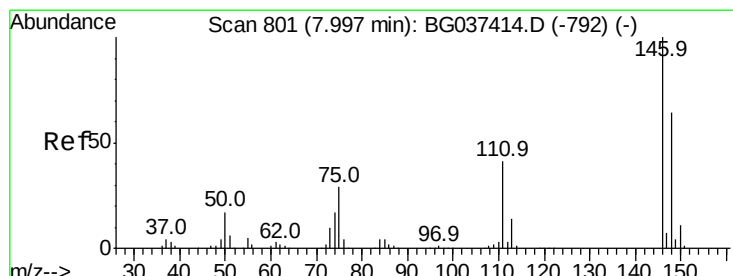
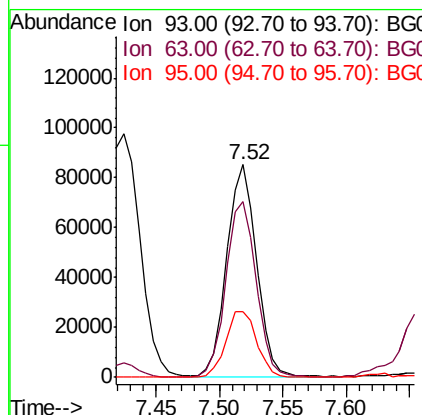
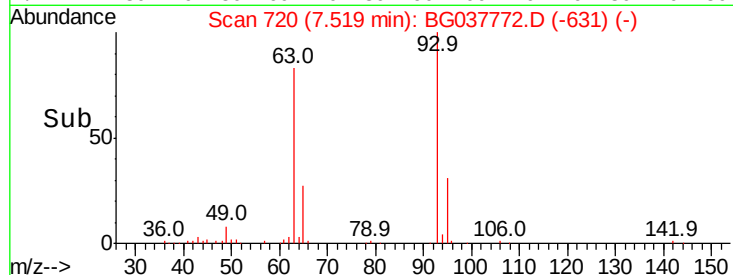
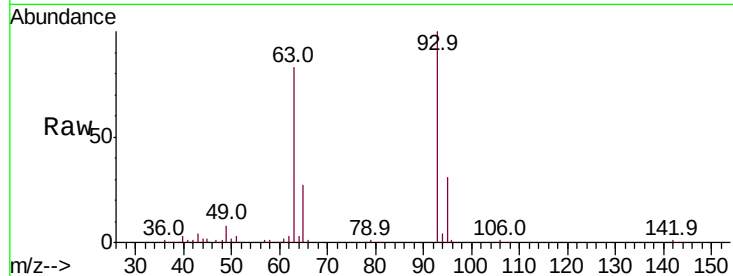
ClientSampleId :

PB114415BS

Tot Ion:	93	Resp:	139848
Ion	Ratio	Lower	Upper
93	100		
63	82.7	69.5	109.5
95	31.0	12.6	52.6

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



#12

1,3-Dichlorobenzene

Concen: 40.024 ng

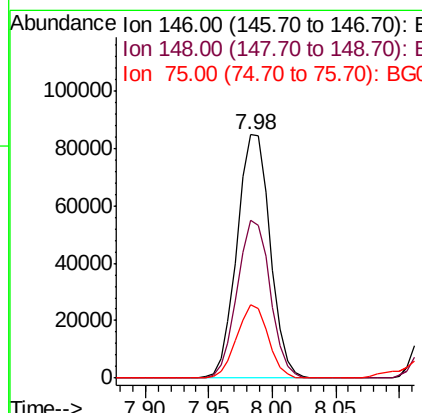
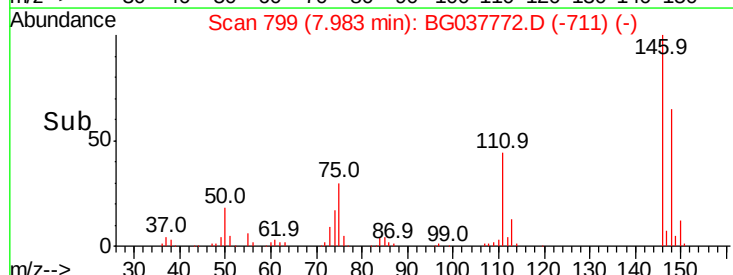
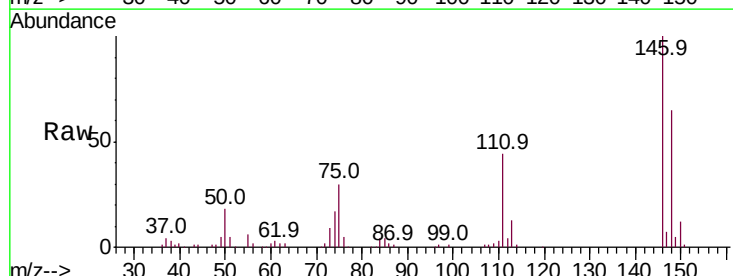
RT: 7.98 min Scan# 799

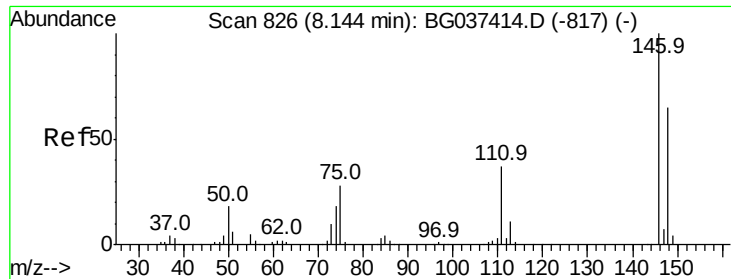
Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Tgt Ion:	146	Resp:	153999
Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.8	74.8
75	30.2	23.2	34.8





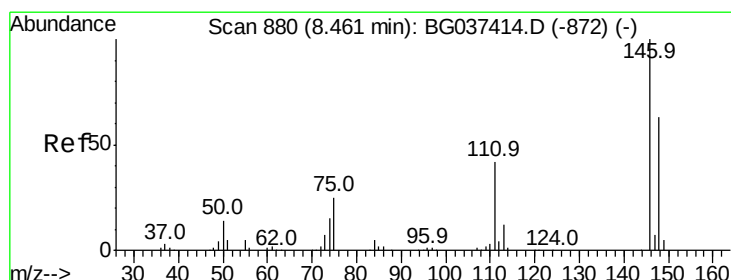
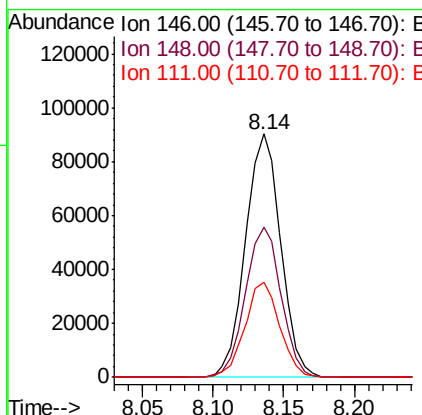
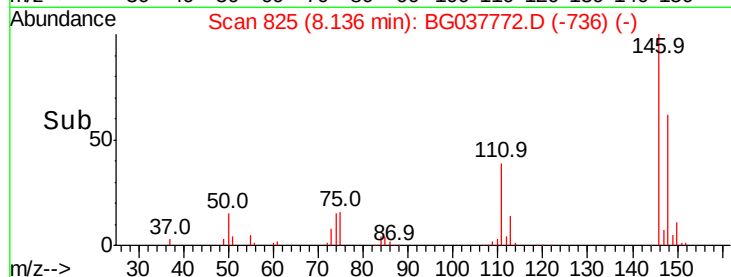
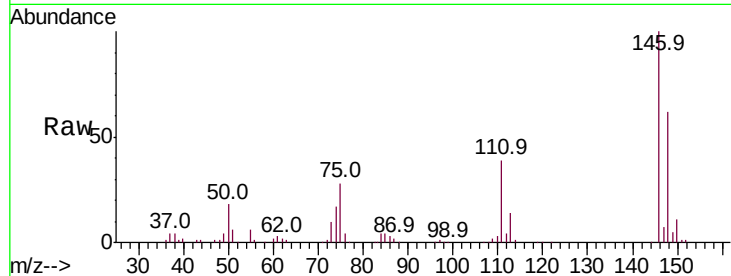
#13
 1,4-Dichlorobenzene
 Concen: 40.112 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.0	76.6
111	39.2	32.4	48.6

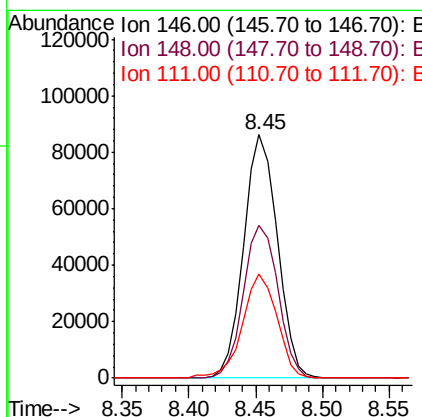
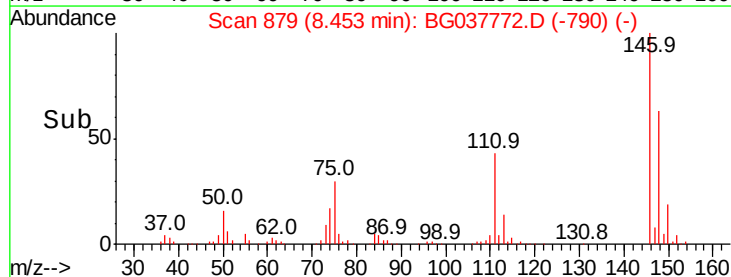
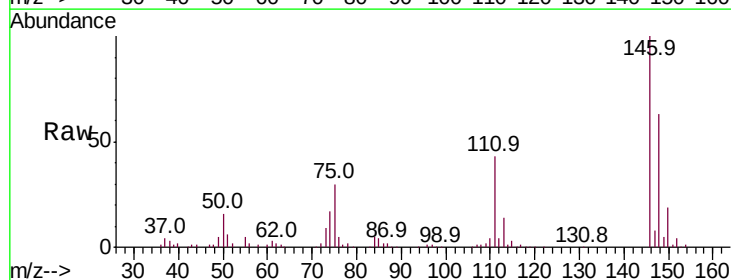
Manual Integrations
 APPROVED

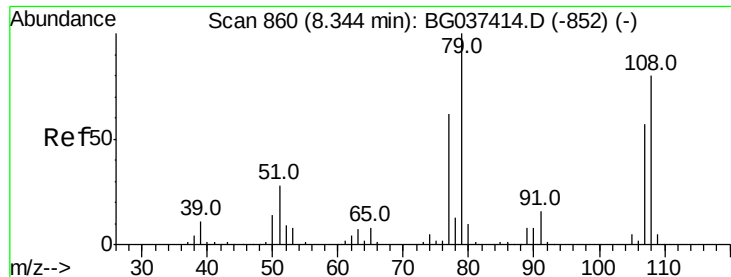
Sohil
 11/5/2018 9:49:45 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.732 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	42.9	34.6	51.8





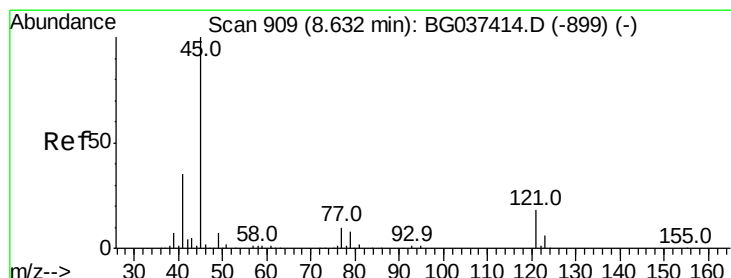
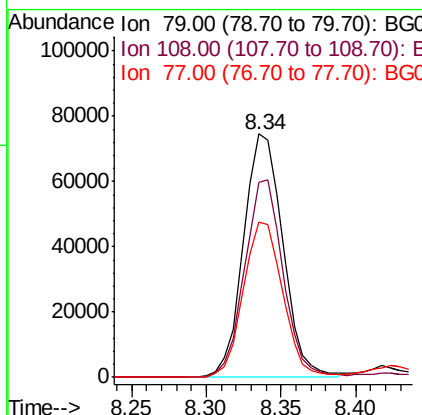
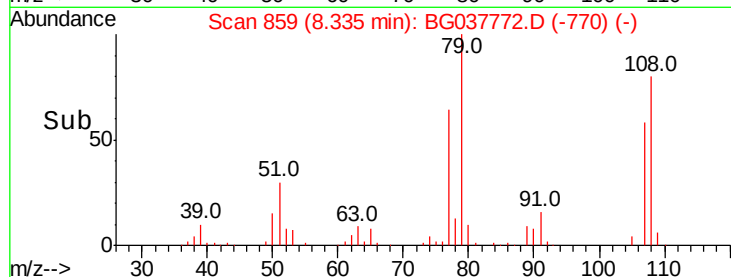
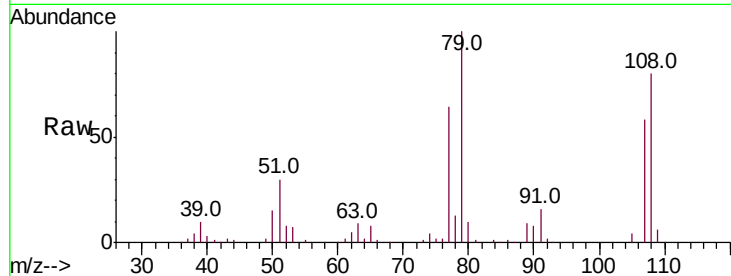
#15
Benzyl Alcohol
Concen: 41.213 ng
RT: 8.34 min Scan# 859
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampled :
PB114415BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	65.8	98.8
77	63.8	52.9	79.3

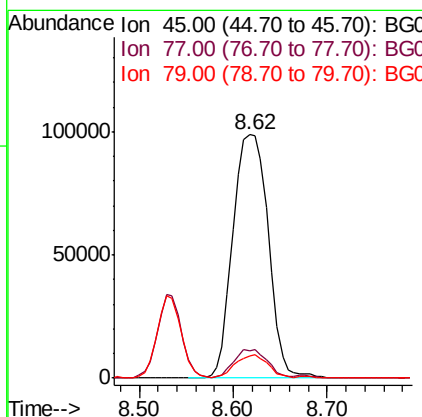
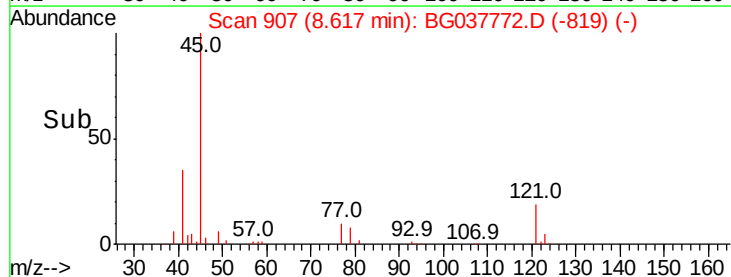
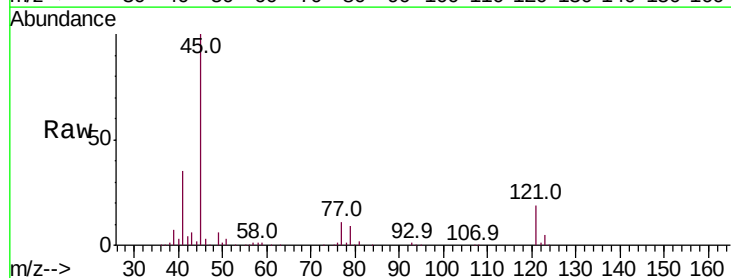
Manual Integrations
APPROVED

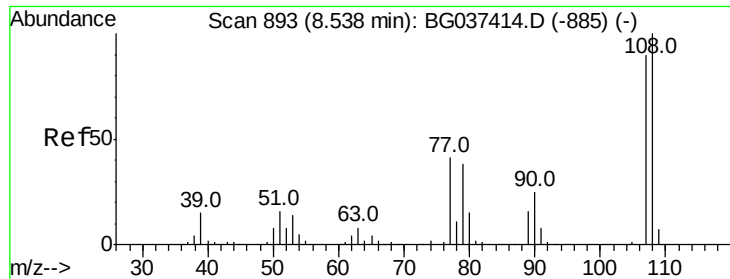
Sohil
11/5/2018 9:49:45 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.334 ng
RT: 8.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.0
79	9.1	0.0	29.0





#17

2-Methylphenol

Concen: 44.275 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Instrument :

BNA_G

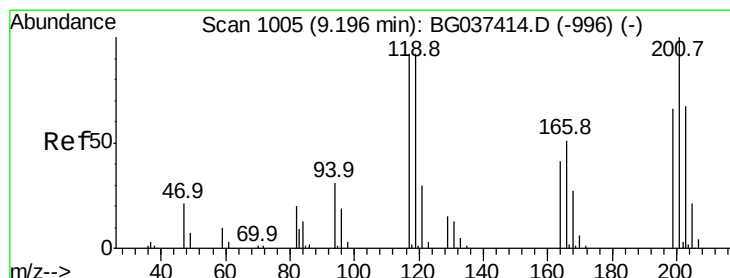
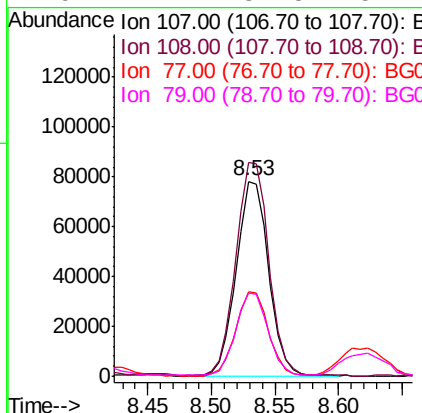
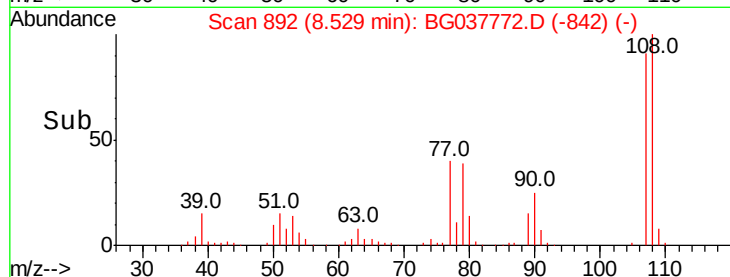
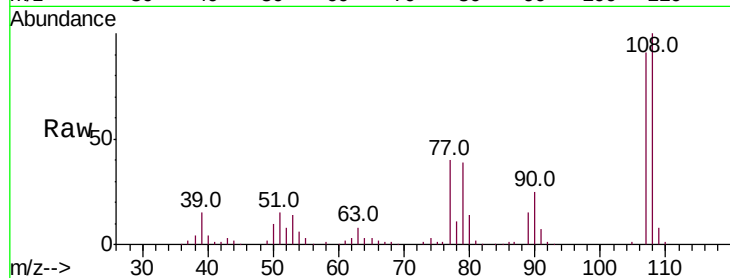
ClientSampleId :

PB114415BS

Tot Ion	107	Resp	137972
Ion Ratio	Lower	Upper	
107	100		
108	109.4	87.9	131.9
77	43.6	35.1	52.7
79	42.7	34.5	51.7

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



#18

Hexachloroethane

Concen: 42.850 ng

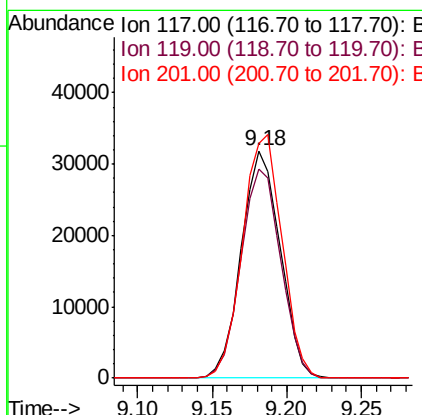
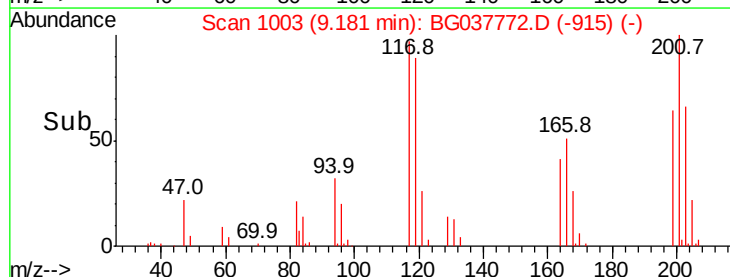
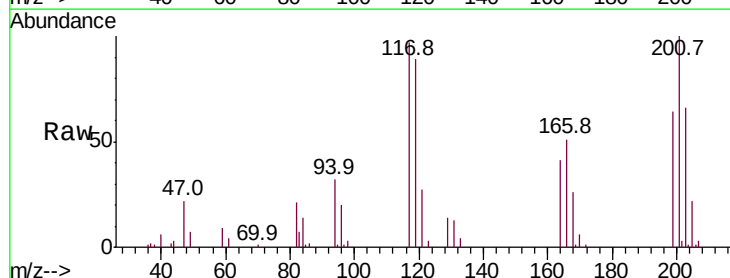
RT: 9.18 min Scan# 1003

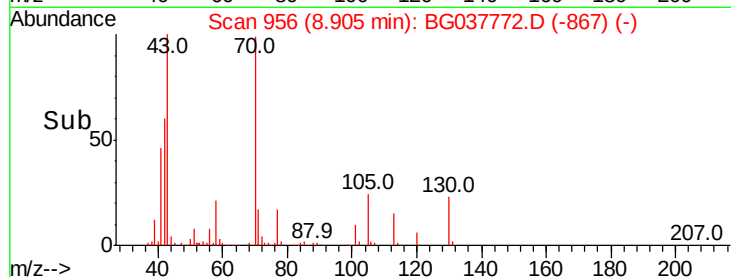
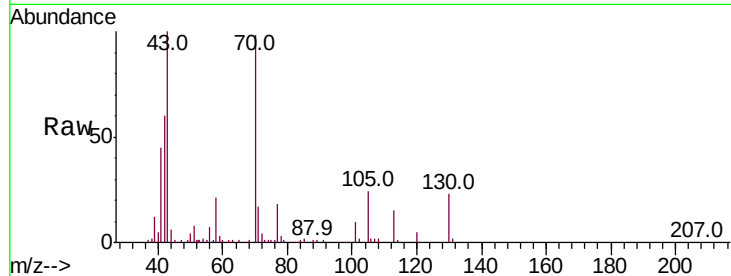
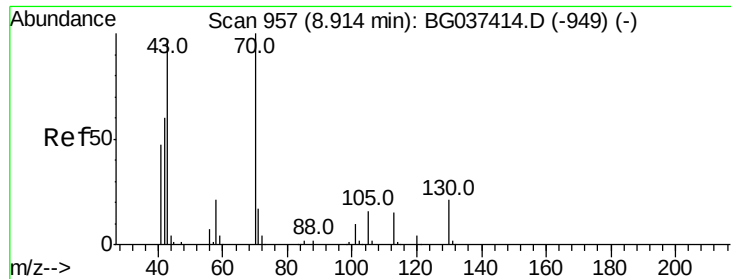
Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Tgt Ion	117	Resp	57496
Ion Ratio	Lower	Upper	
117	100		
119	92.2	74.6	111.8
201	106.4	80.8	121.2





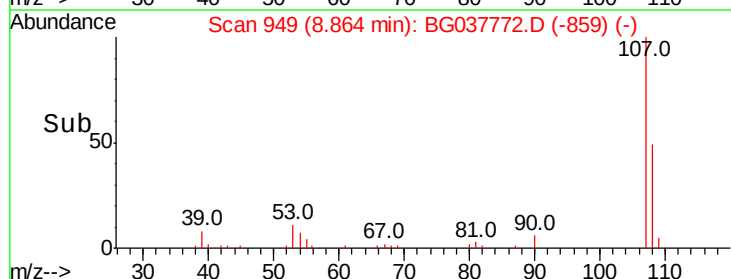
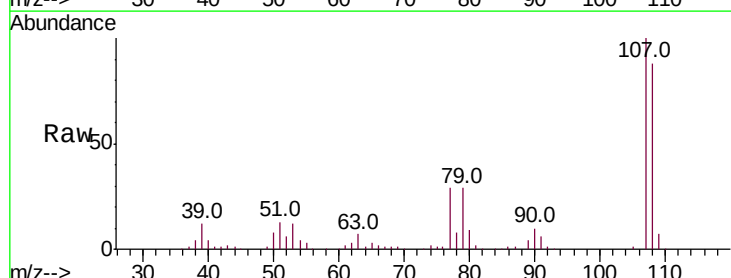
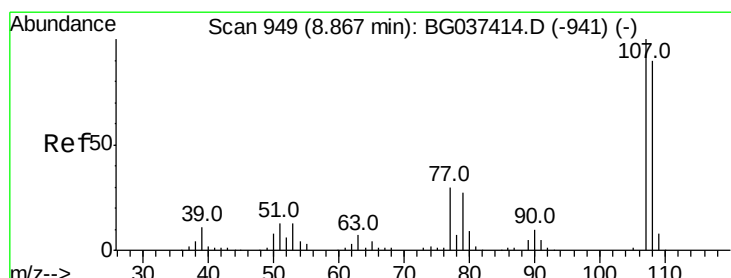
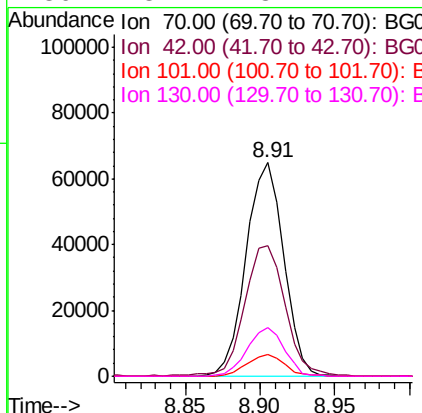
#19
n-Nitroso-di-n-propylamine
Concen: 36.767 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.1	53.9	80.9
101	10.0	8.2	12.2
130	23.1	18.2	27.4

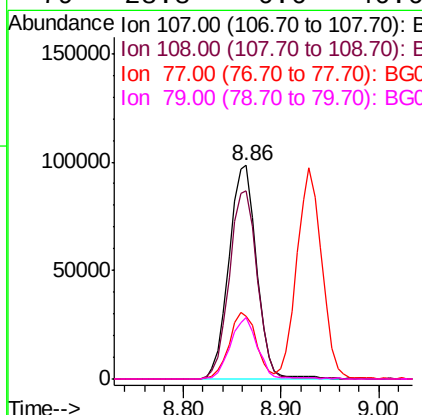
Manual Integrations
APPROVED

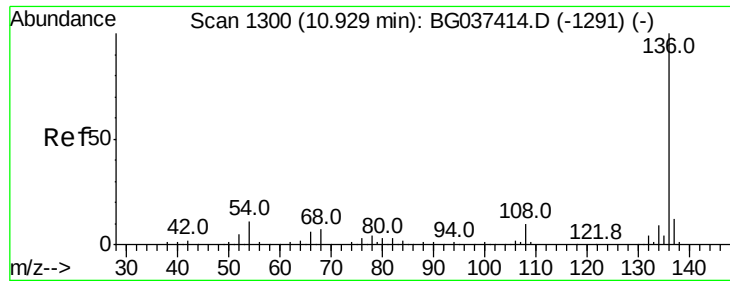
Sohil
11/5/2018 9:49:45 AM



#20
3+4-Methylphenols
Concen: 43.642 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	69.9	109.9
77	29.3	11.2	51.2
79	28.8	6.6	46.6





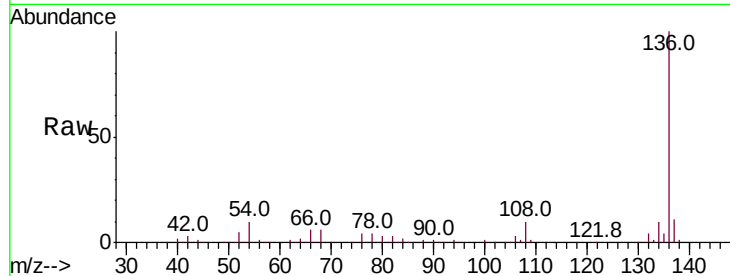
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	227490		
137	11.4	9.6	14.4	
54	10.0	7.9	11.9	
68	6.5	4.8	7.2	

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



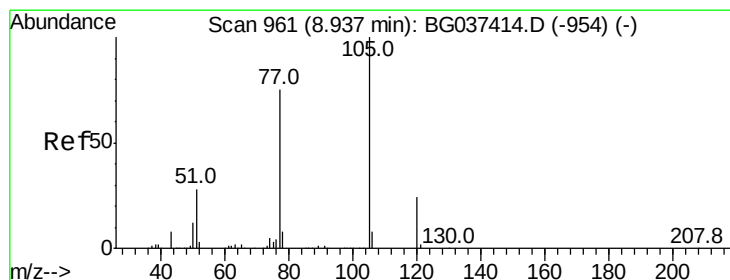
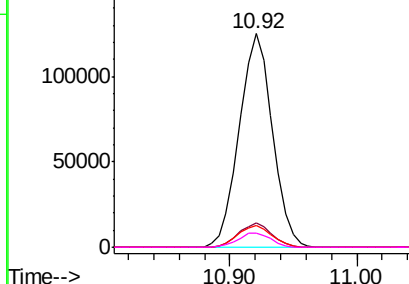
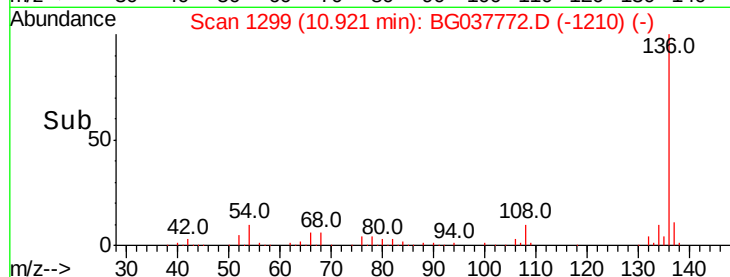
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

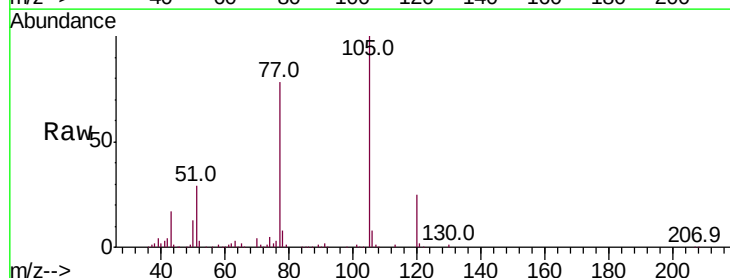
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.217 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223749		
71	1.1	1.2	1.8#	
51	29.5	25.0	37.6	
120	24.7	18.6	28.0	



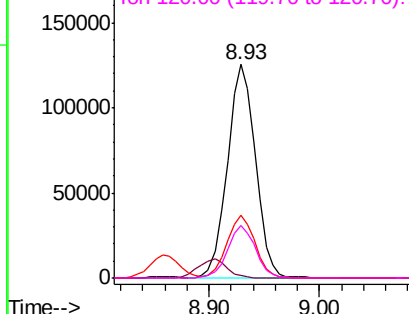
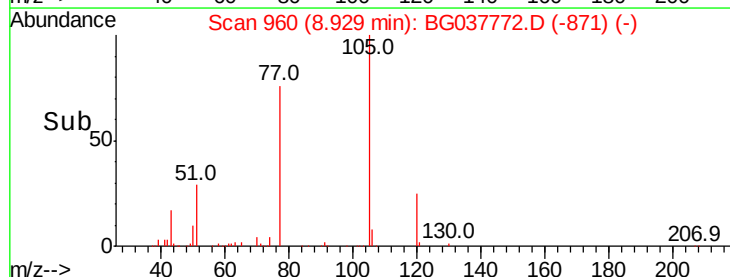
Abundance

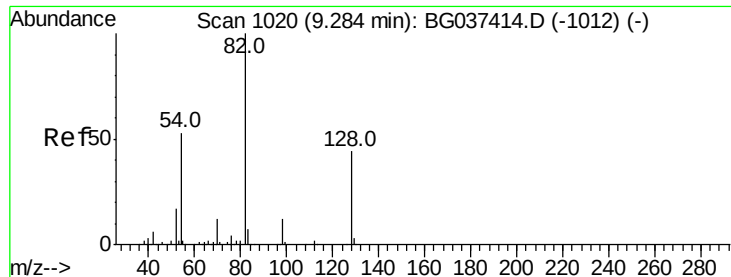
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





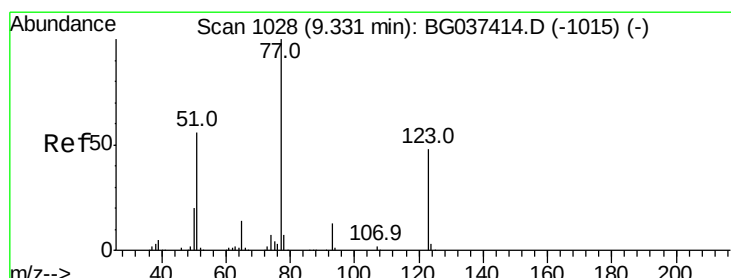
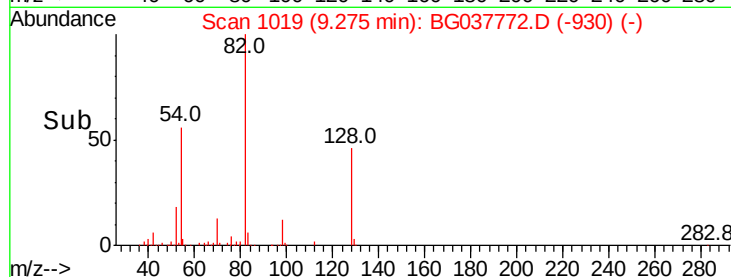
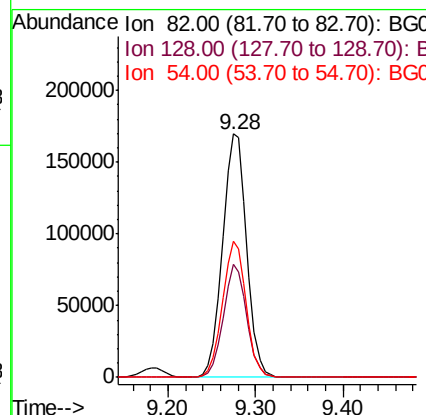
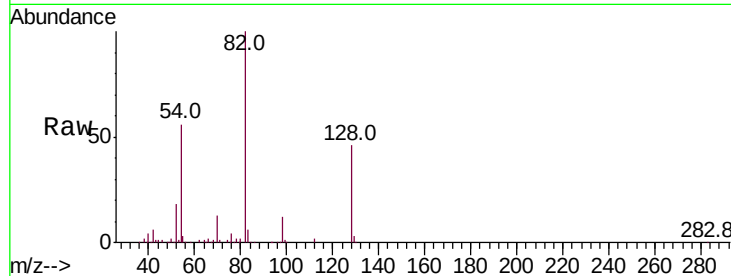
#23
Nitrobenzene-d5
Concen: 79.418 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.6	51.8
54	55.9	45.3	67.9

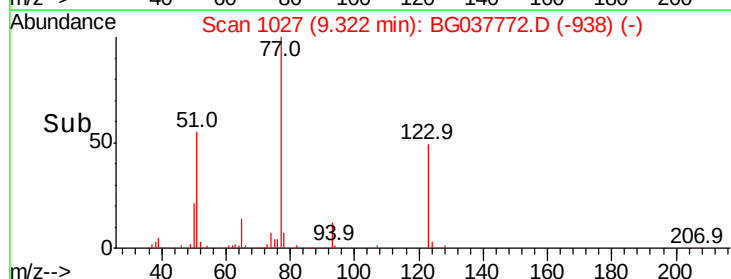
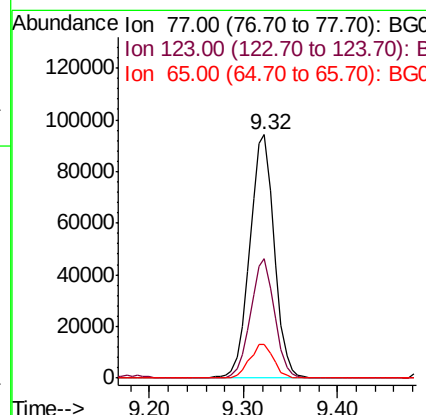
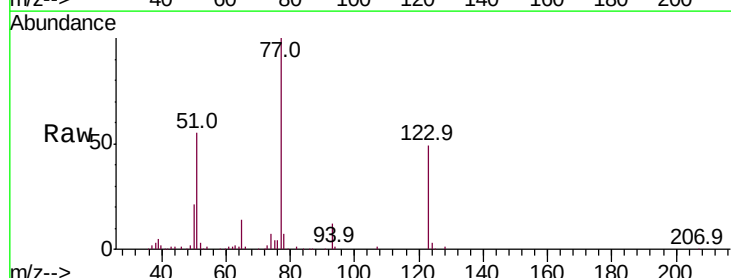
Manual Integrations
APPROVED

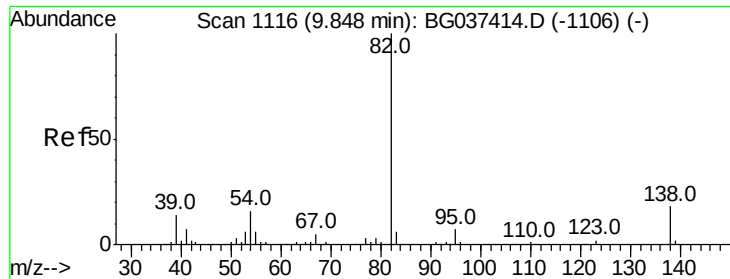
Sohil
11/5/2018 9:49:45 AM



#24
Nitrobenzene
Concen: 40.234 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	33.6	50.4
65	14.1	11.3	16.9





#25

Isophorone

Concen: 44.446 ng

RT: 9.83 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Instrument :

BNA_G

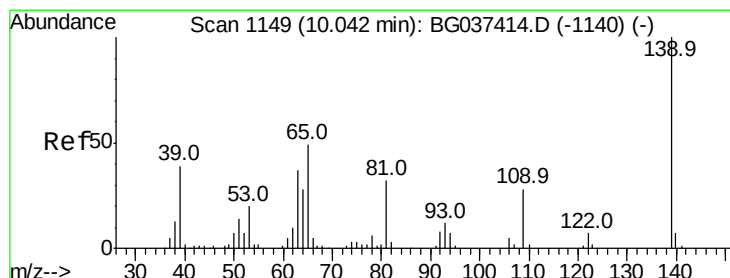
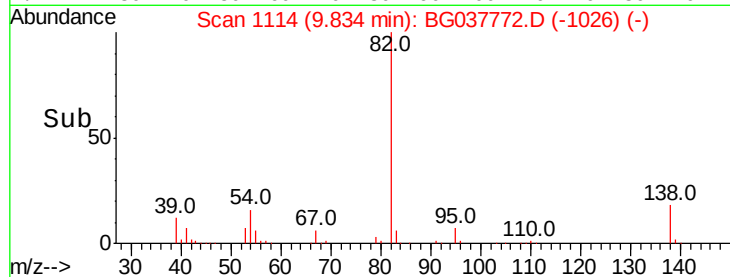
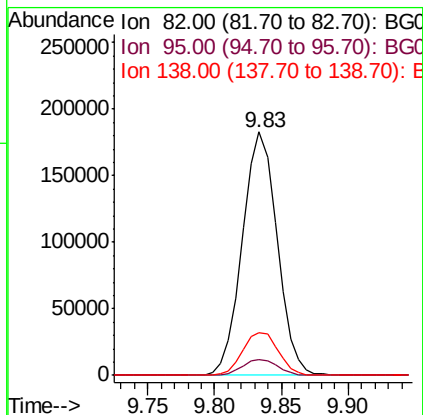
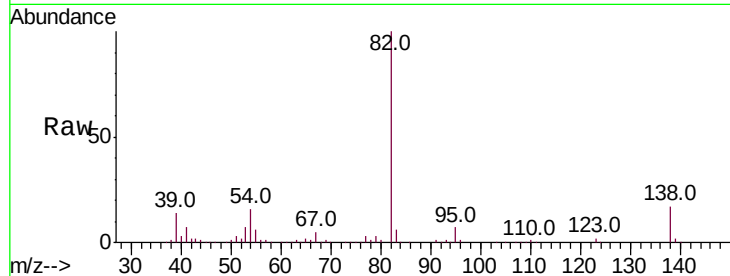
ClientSampleId :

PB114415BS

Tot Ion:	82	Resp:	329788
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	17.5	13.3	19.9

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



#26

2-Nitrophenol

Concen: 45.547 ng

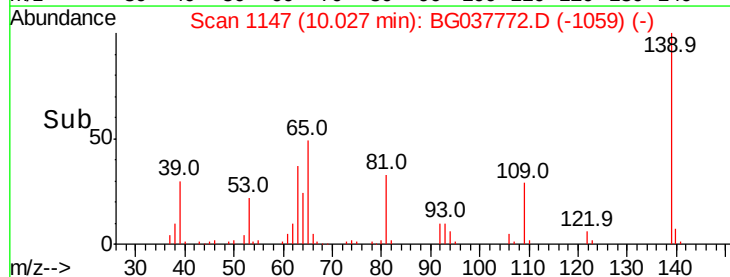
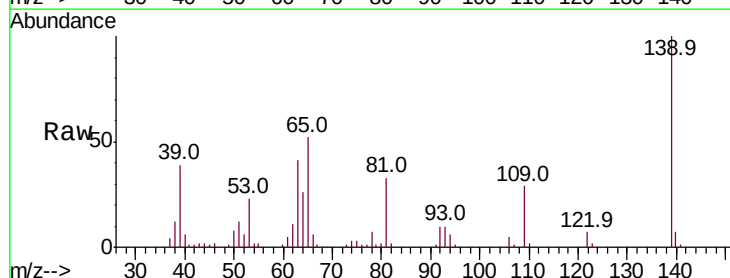
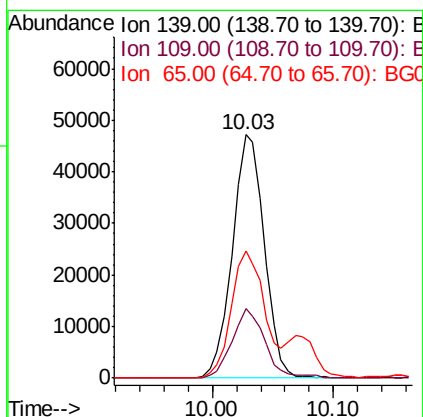
RT: 10.03 min Scan# 1147

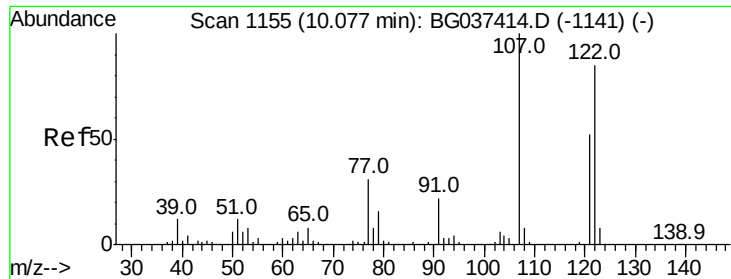
Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Tgt Ion:	139	Resp:	86562
Ion Ratio	Lower	Upper	
139	100		
109	28.6	23.3	34.9
65	52.1	39.8	59.8





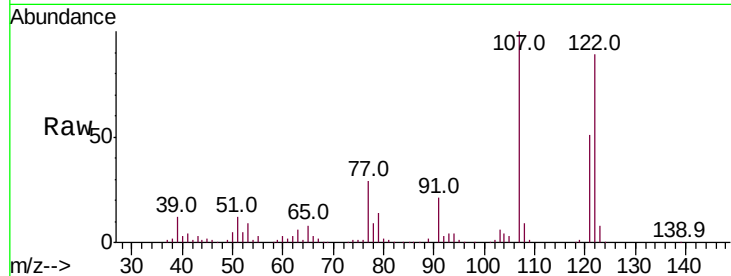
#27
2,4-Dimethylphenol
Concen: 47.937 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	94.2	141.2
121	56.9	47.3	70.9

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM

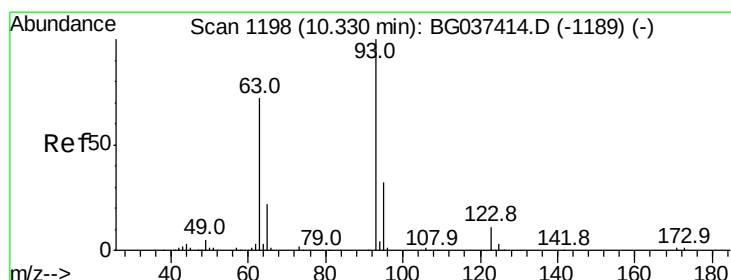
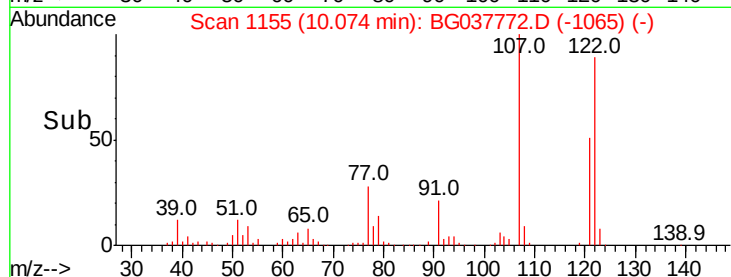
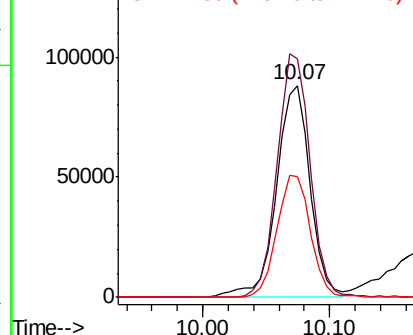


Abundance

Ion 122.00 (121.70 to 122.70): E

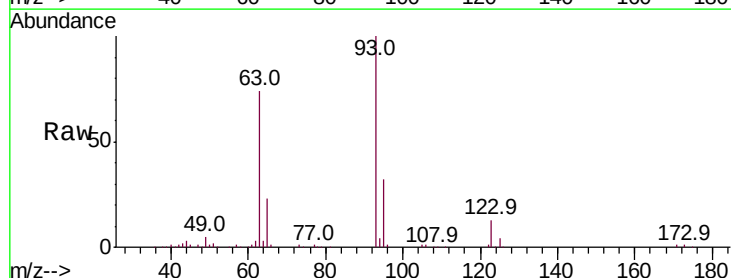
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.992 ng
RT: 10.32 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.6	37.0
123	13.0	9.1	13.7

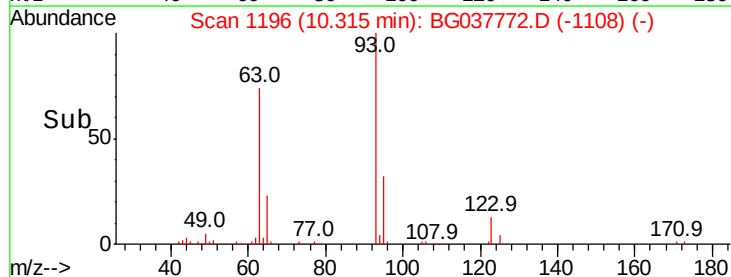
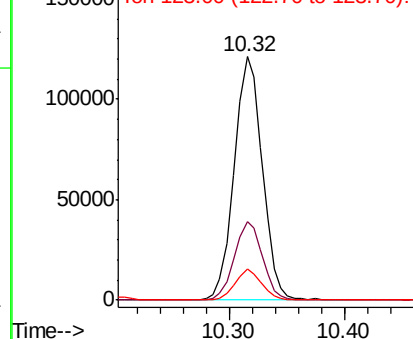


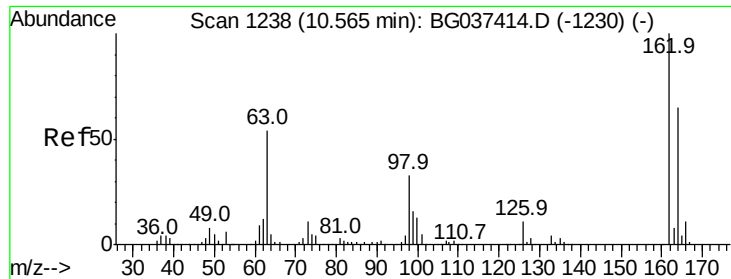
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





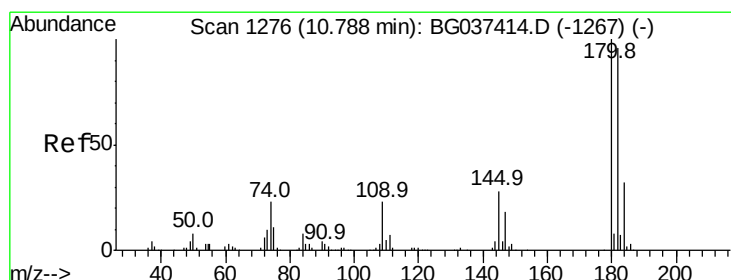
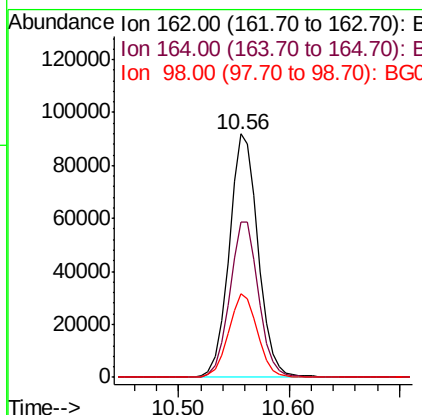
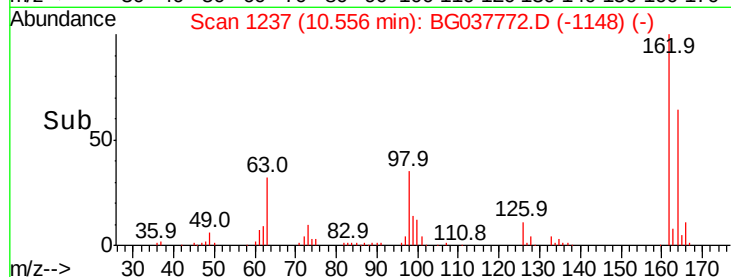
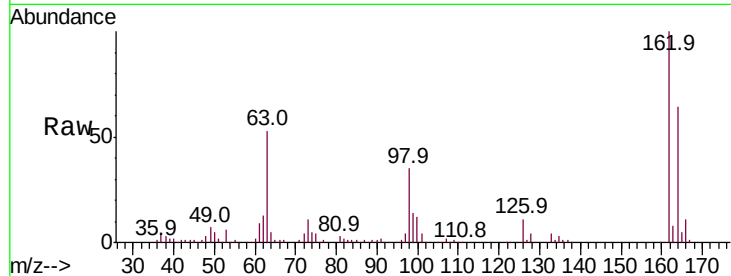
#29
 2,4-Dichlorophenol
 Concen: 44.475 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	43.2	83.2
98	34.5	16.0	56.0

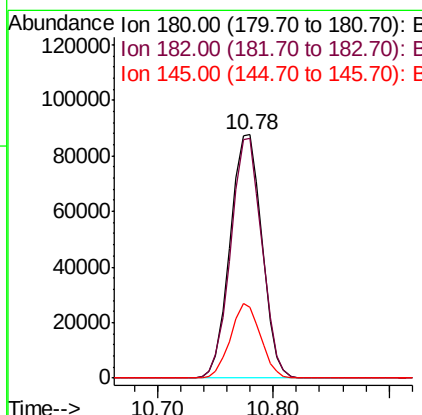
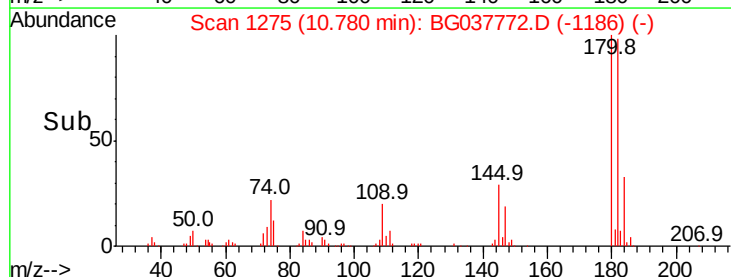
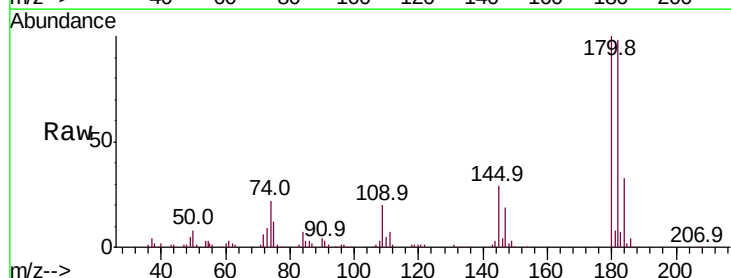
Manual Integrations
 APPROVED

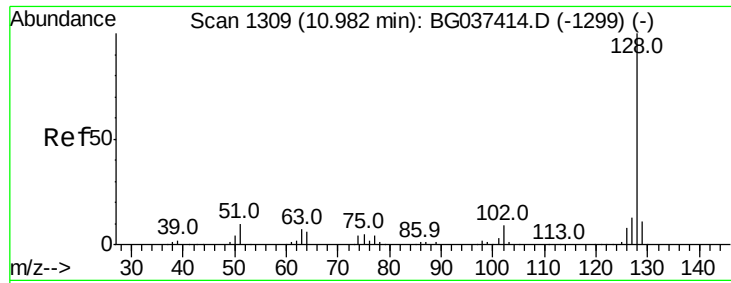
Sohil
 11/5/2018 9:49:45 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.686 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.3	77.7	116.5
145	29.3	23.3	34.9





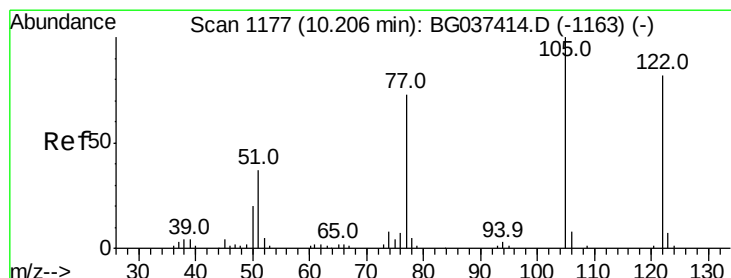
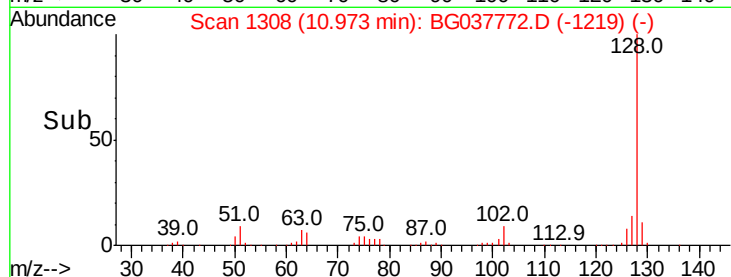
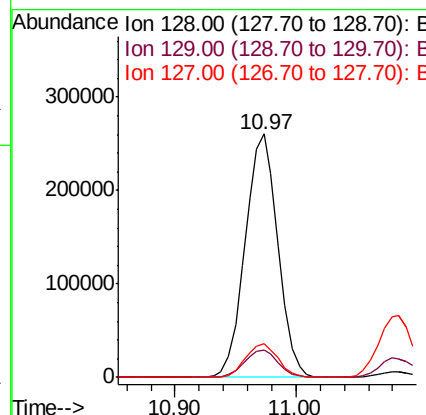
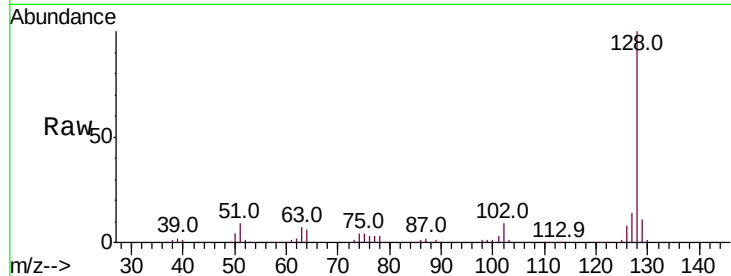
#31
Naphthalene
Concen: 43.767 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.7	11.1	16.7

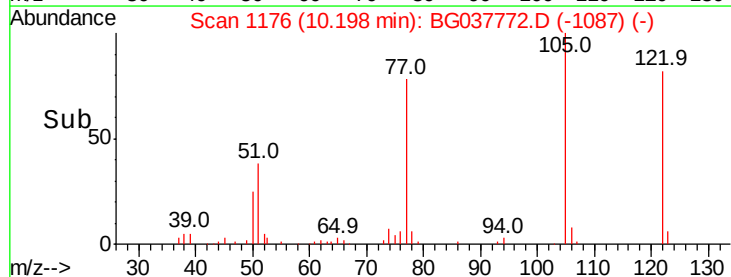
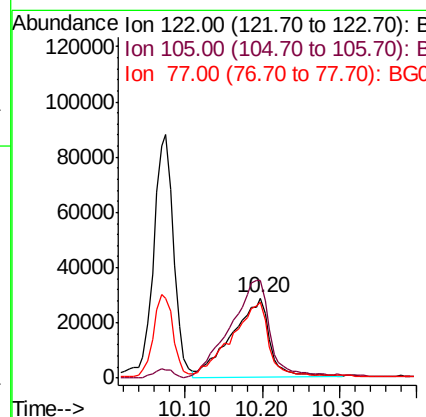
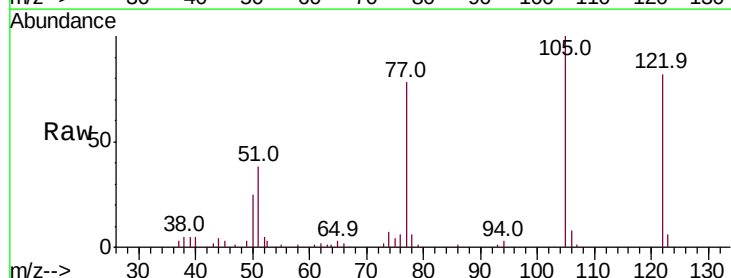
Manual Integrations
APPROVED

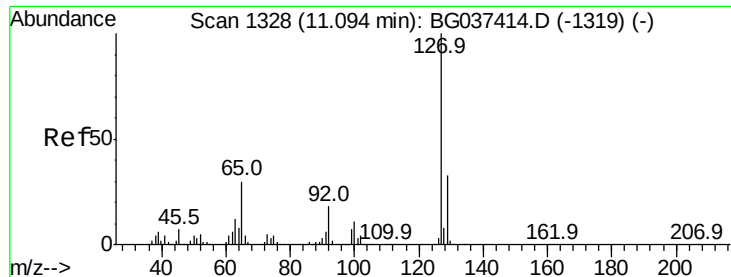
Sohil
11/5/2018 9:49:45 AM



#32
Benzoic acid
Concen: 44.428 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	106.7	146.7
77	94.8	72.2	112.2





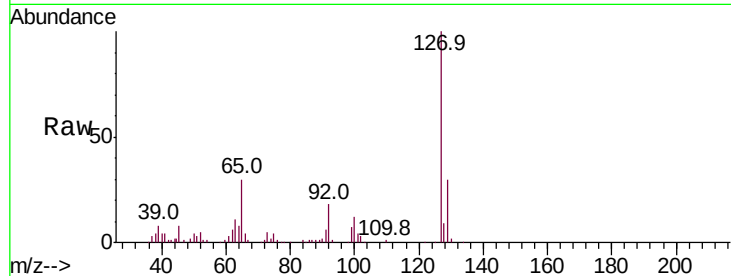
#33
4-Chloroaniline
Concen: 25.094 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

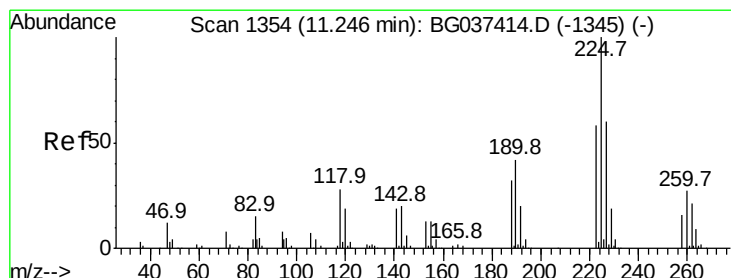
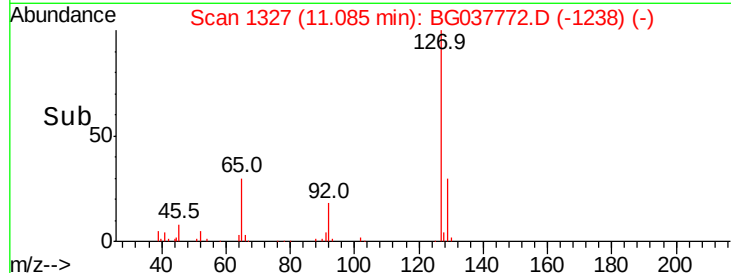
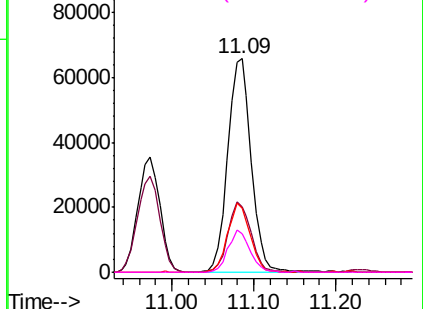
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	30.5	27.1	40.7
65	30.2	26.6	39.8
92	18.1	16.4	24.6

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM

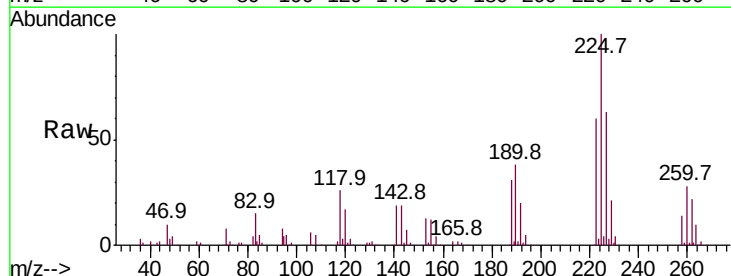


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

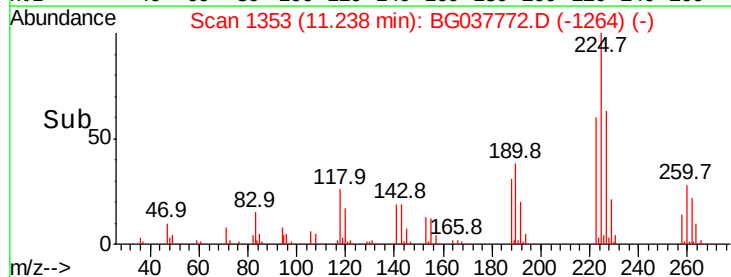
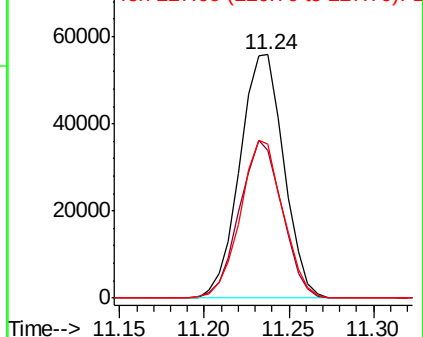


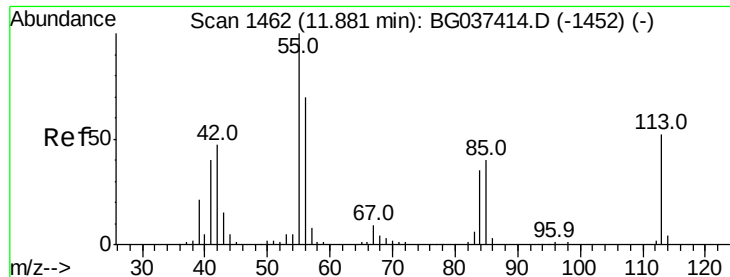
#34
Hexachlorobutadiene
Concen: 41.579 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	58.0	48.2	72.4
227	63.2	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





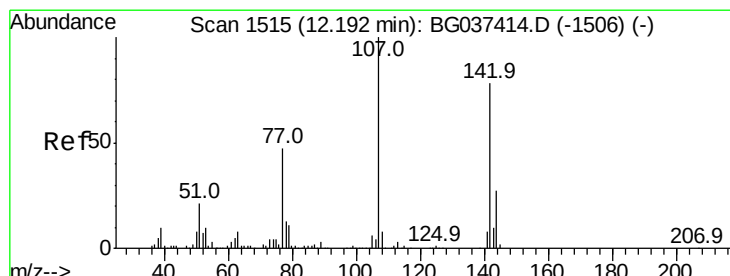
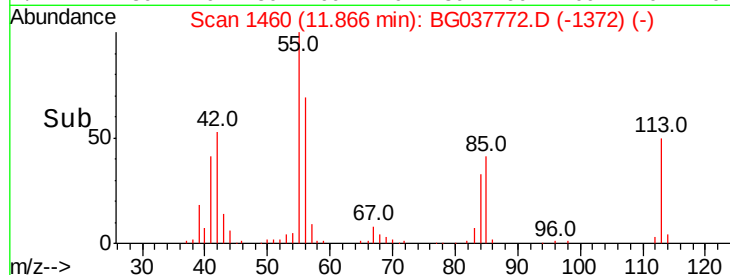
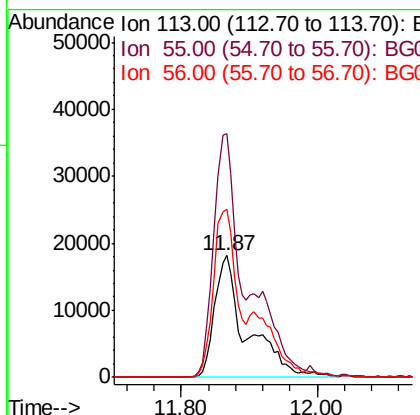
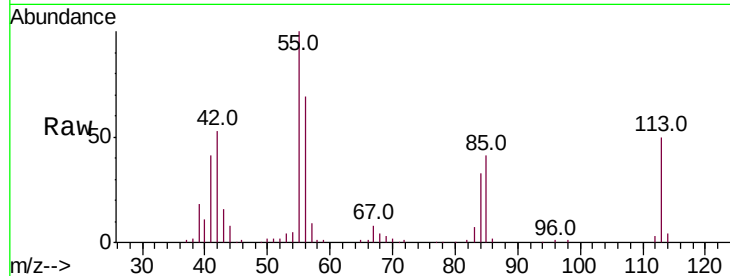
#35
 Caprolactam
 Concen: 39.045 ng/ml
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Instrument :
 BNA_G
 ClientSampleID :
 PB114415BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.2	176.6	216.6
56	138.0	128.3	168.3

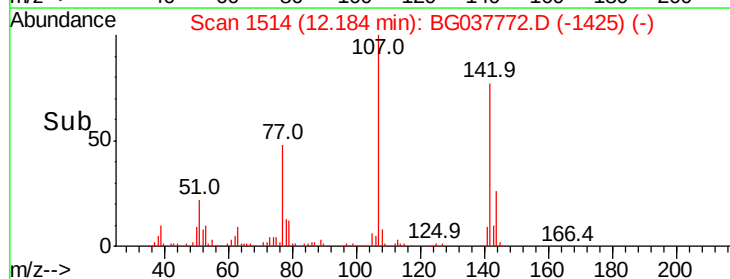
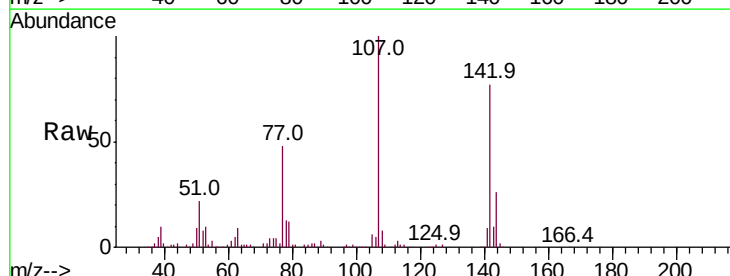
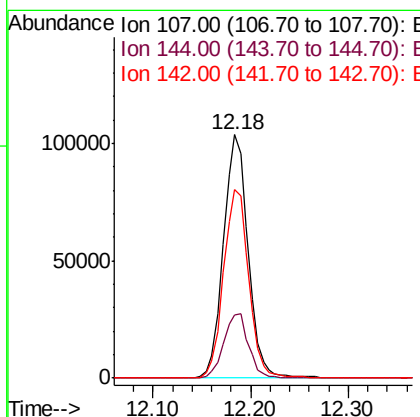
Manual Integrations
 APPROVED

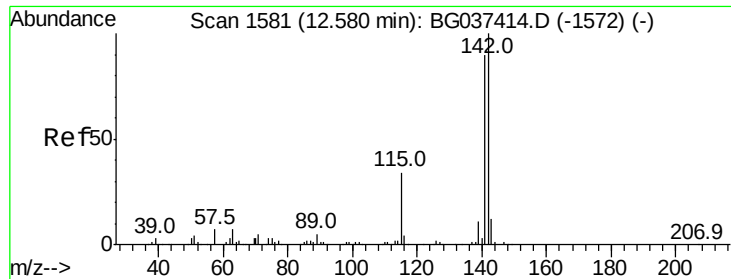
Sohil
 11/5/2018 9:49:45 AM



#36
 4-Chloro-3-methylphenol
 Concen: 42.714 ng
 RT: 12.18 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.7	31.1
142	77.5	64.4	96.6





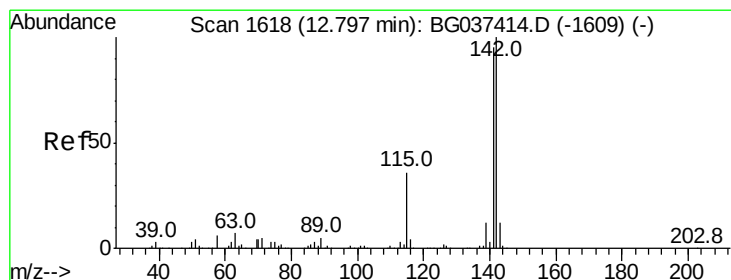
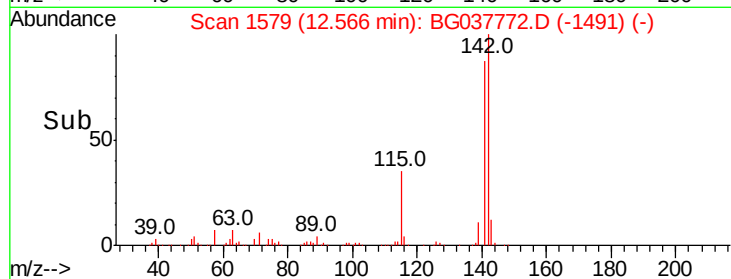
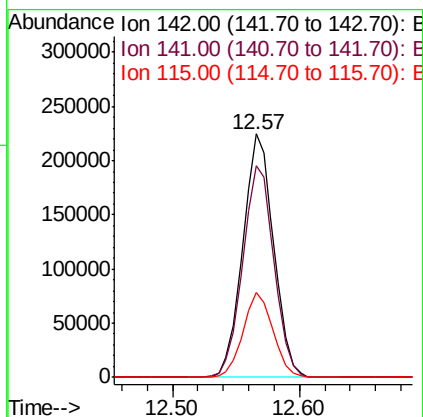
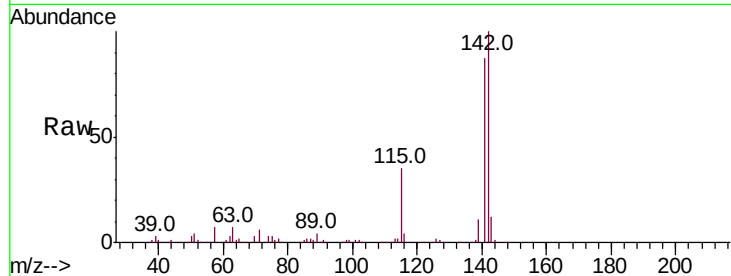
#37
2-Methylnaphthalene
Concen: 46.355 ng
RT: 12.57 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.9	107.9
115	34.8	27.8	41.8

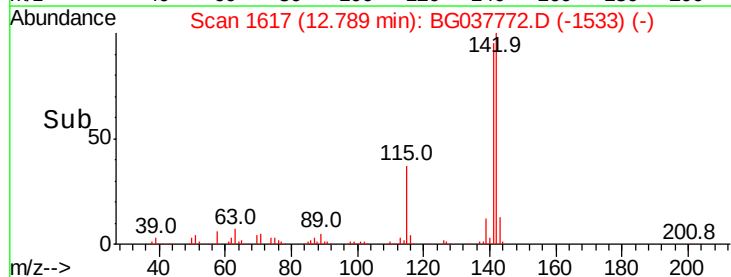
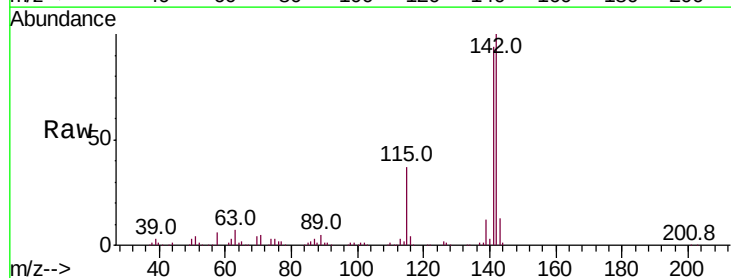
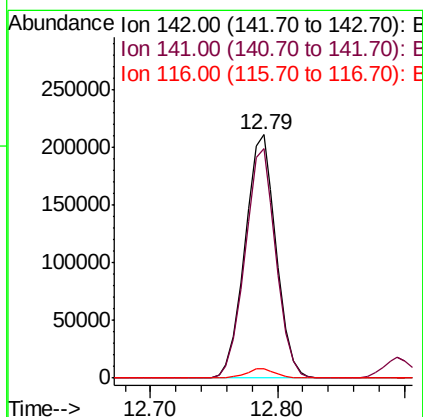
Manual Integrations
APPROVED

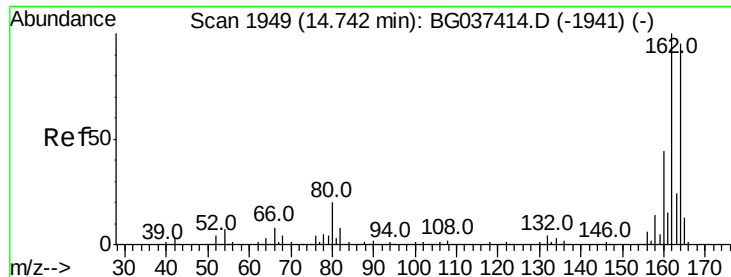
Sohil
11/5/2018 9:49:45 AM



#38
1-Methylnaphthalene
Concen: 45.209 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.2	112.8
116	3.8	3.3	4.9





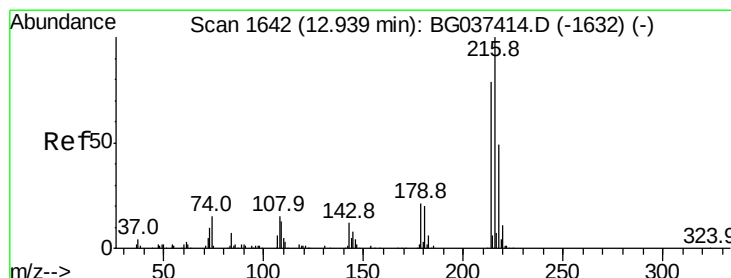
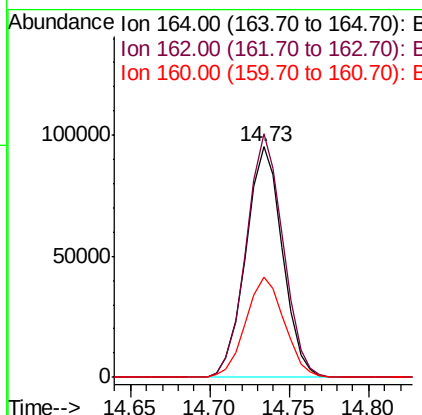
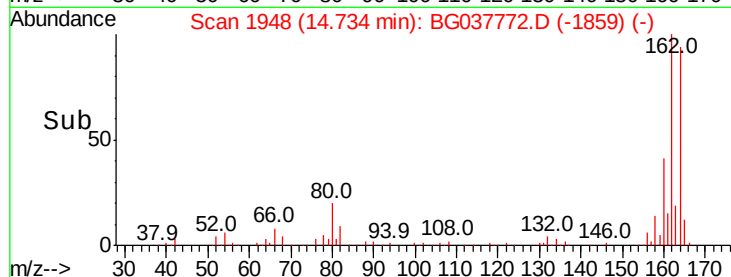
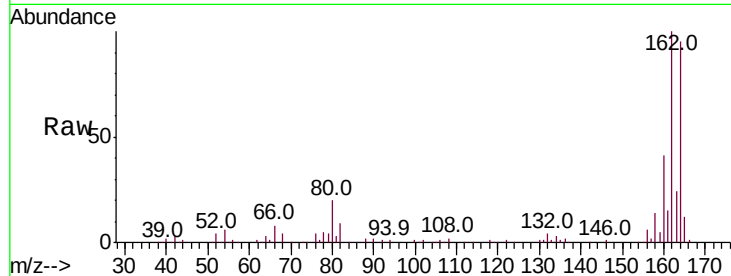
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampled :
PB114415BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	81.3	121.9
160	43.3	36.3	54.5

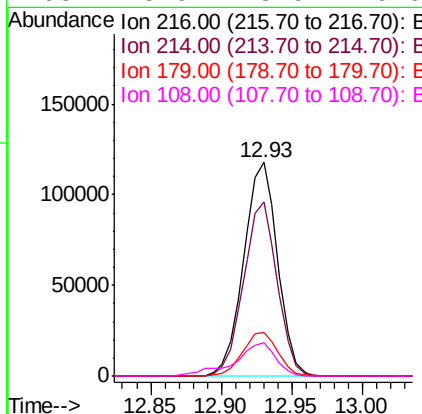
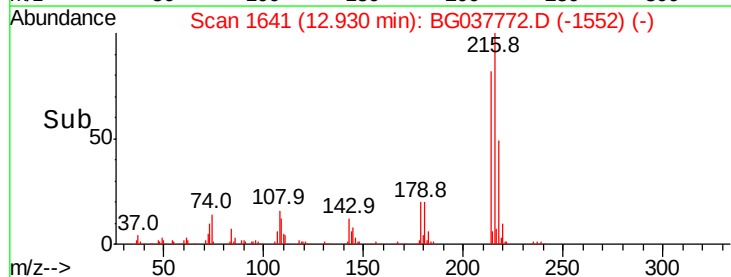
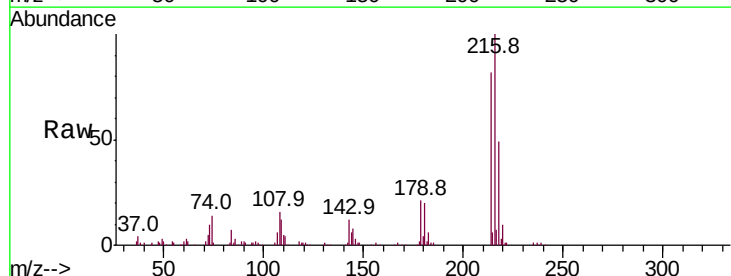
Manual Integrations
APPROVED

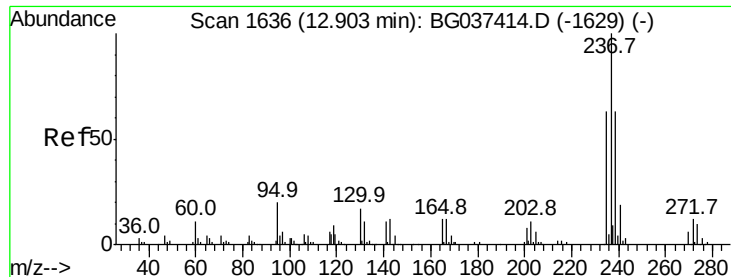
Sohil
11/5/2018 9:49:45 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.132 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.8	95.6
179	21.0	17.4	26.0
108	18.9	13.9	20.9





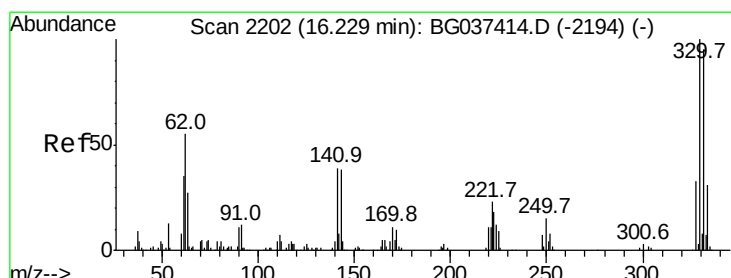
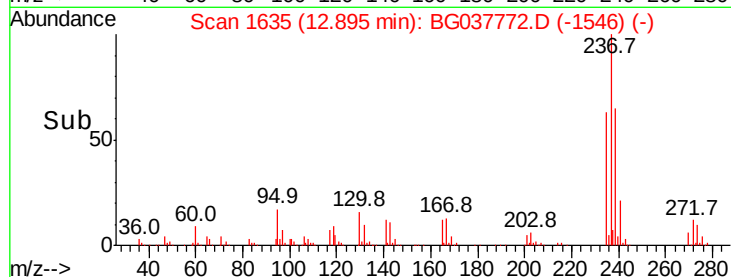
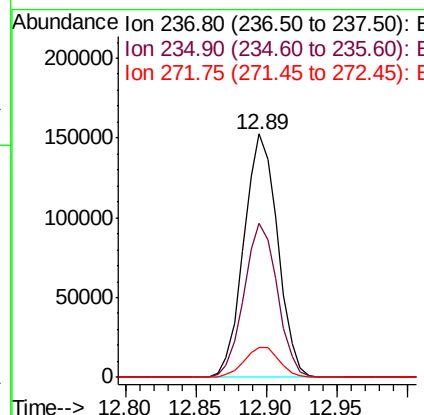
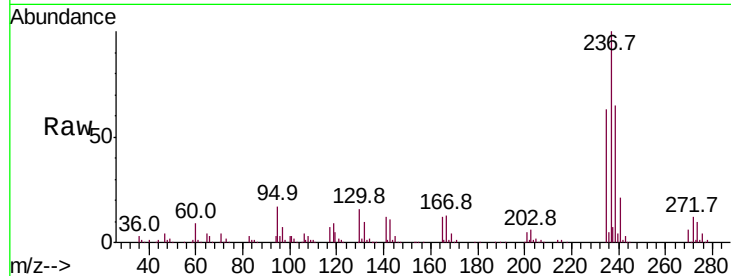
#41
Hexachlorocyclopentadiene
Concen: 108.742 ng
RT: 12.89 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	42.5	82.5
272	12.3	0.0	31.6

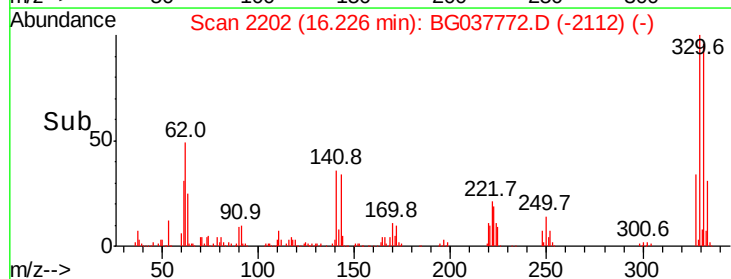
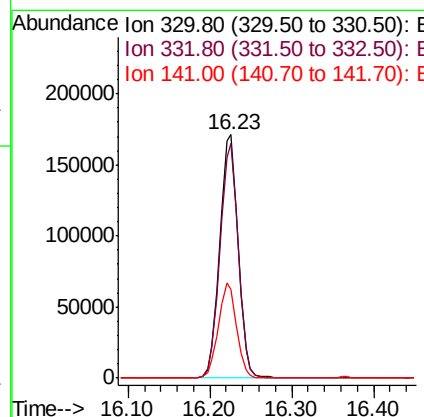
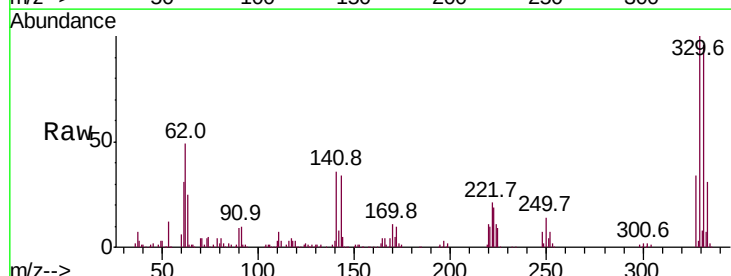
Manual Integrations
APPROVED

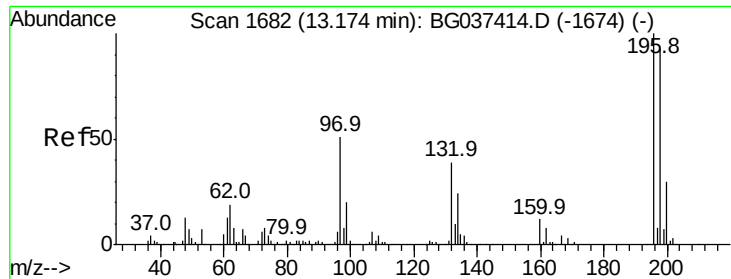
Sohil
11/5/2018 9:49:45 AM



#42
2,4,6-Tribromophenol
Concen: 161.919 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	78.4	117.6
141	38.2	32.2	48.2





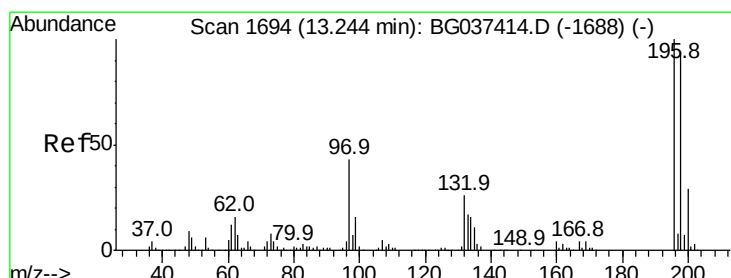
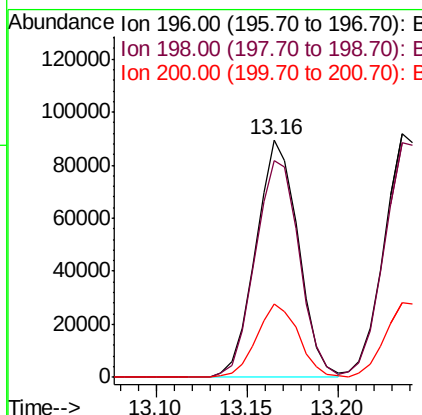
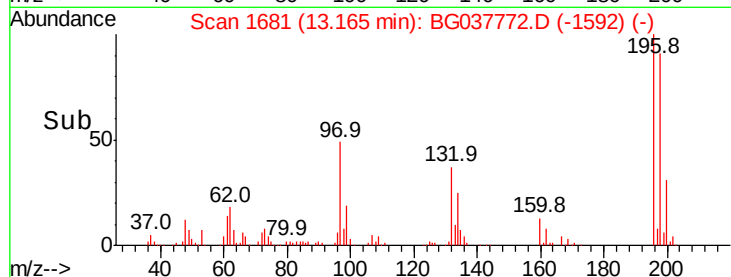
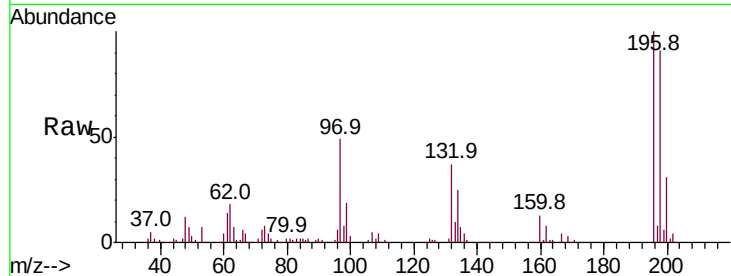
#43
 2,4,6-Trichlorophenol
 Concen: 44.247 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	145675		
198	91.1	76.4	114.6	
200	31.1	24.9	37.3	

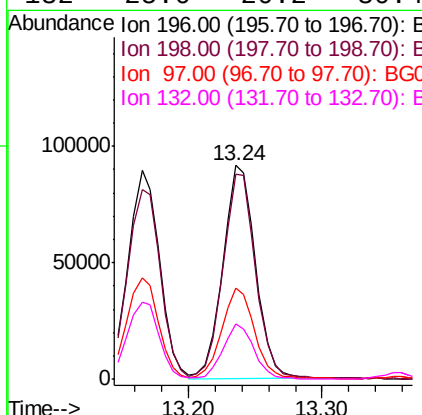
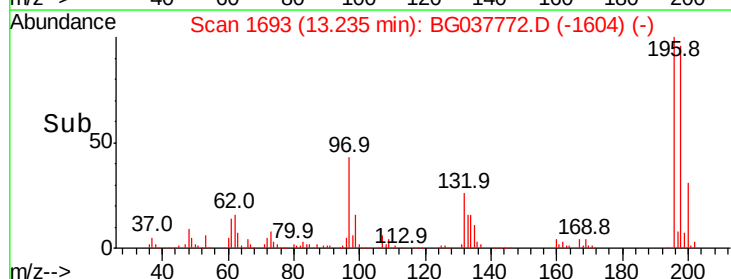
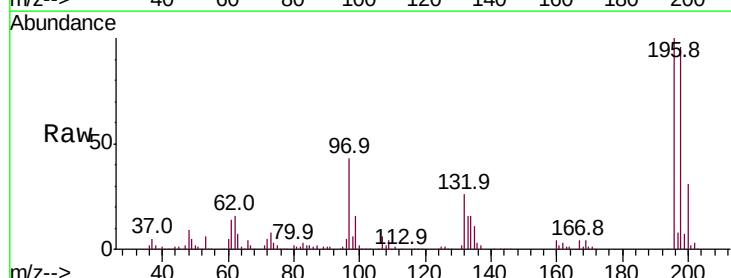
Manual Integrations
 APPROVED

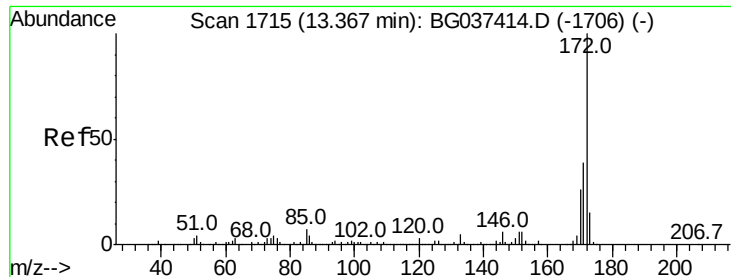
Sohil
 11/5/2018 9:49:45 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.477 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155849		
198	96.2	74.2	111.2	
97	42.7	34.1	51.1	
132	25.6	20.2	30.4	





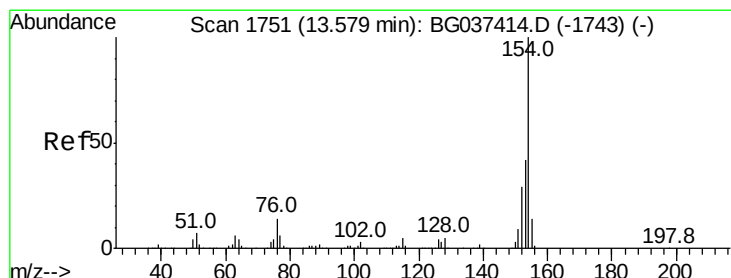
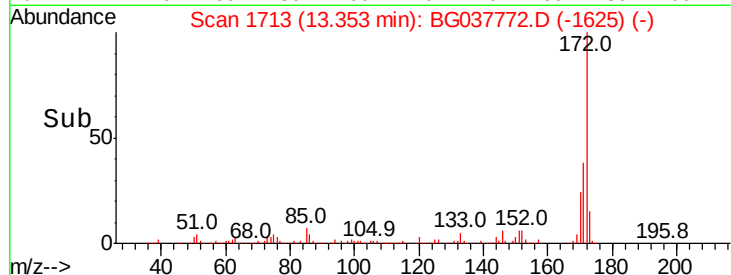
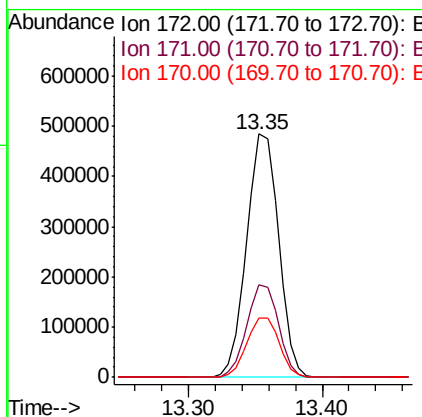
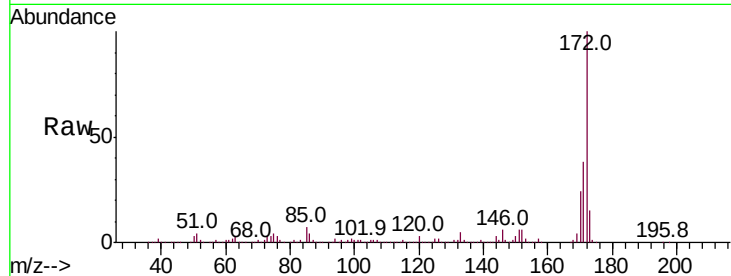
#45
2-Fluorobiphenyl
Concen: 79.165 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.4	20.2	30.2

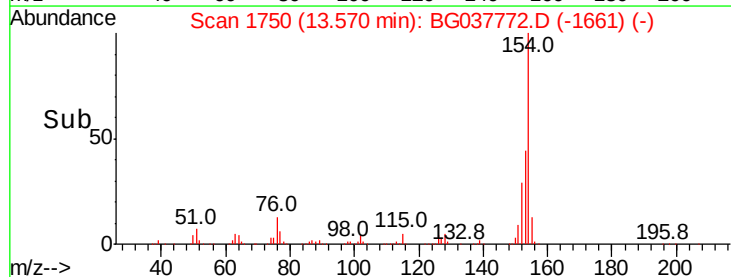
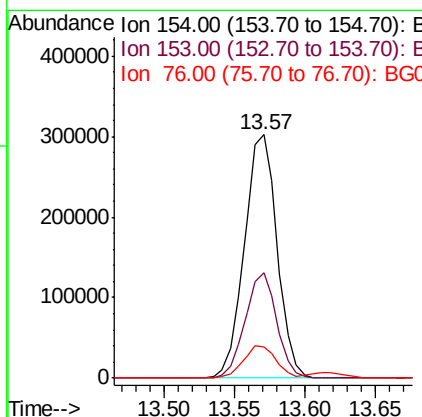
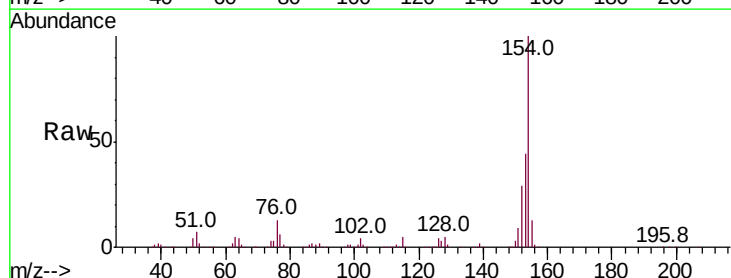
Manual Integrations
APPROVED

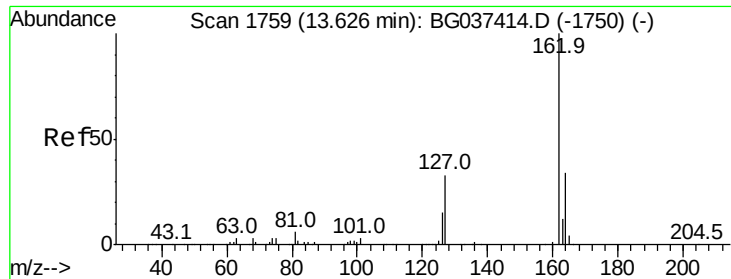
Sohil
11/5/2018 9:49:45 AM



#46
1,1'-Biphenyl
Concen: 38.753 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

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





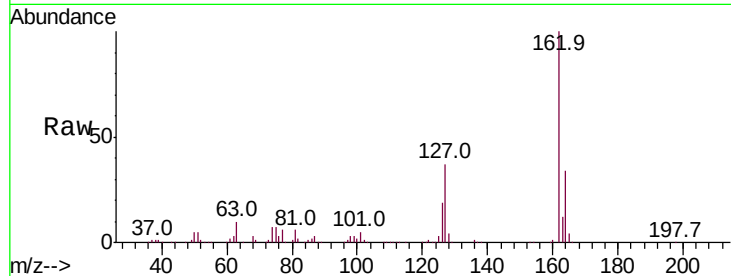
#47
2-Chloronaphthalene
Concen: 40.722 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.3	30.5	45.7
164	33.6	26.4	39.6

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM

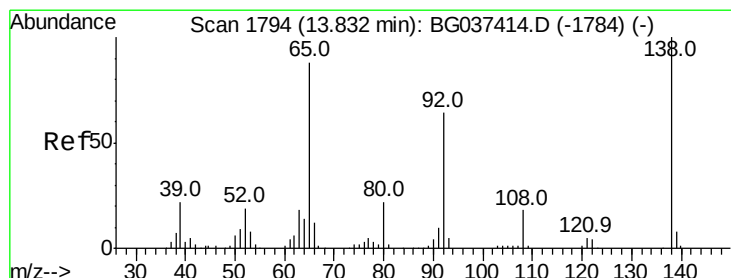
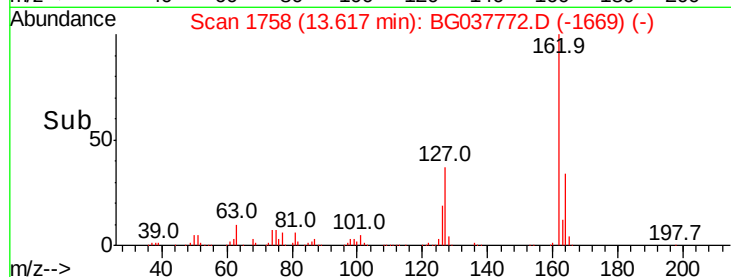
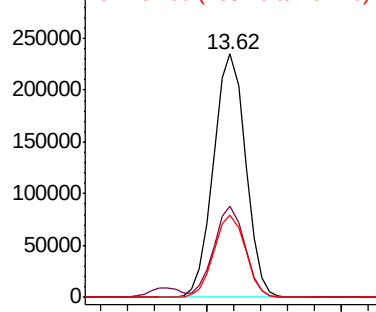


Abundance

Ion 162.00 (161.70 to 162.70): E

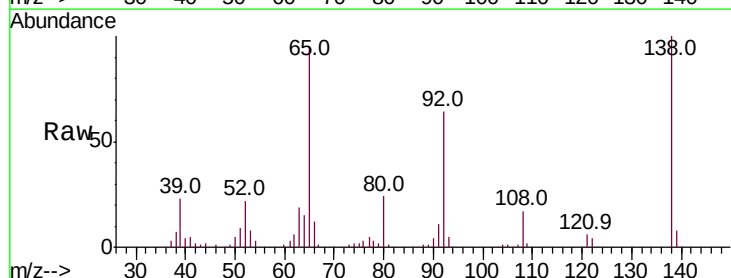
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.793 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	67.0	53.2	79.8
138	105.0	79.3	118.9

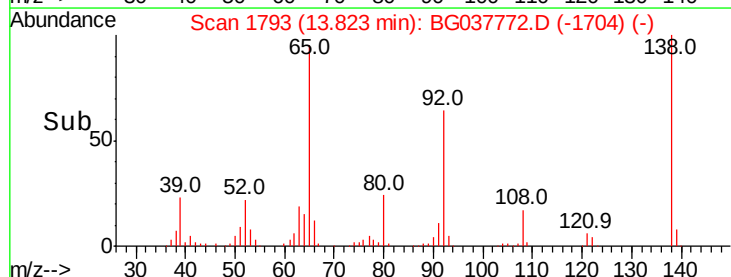
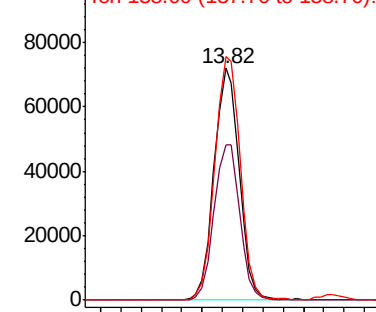


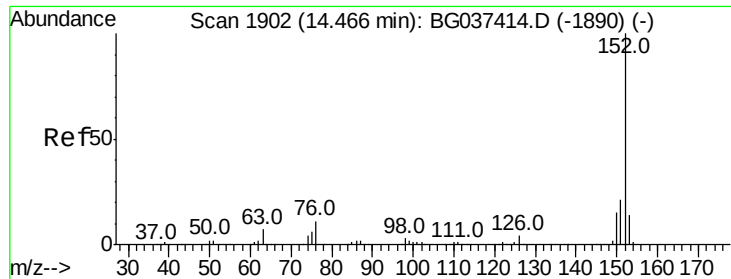
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.071 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Instrument :

BNA_G

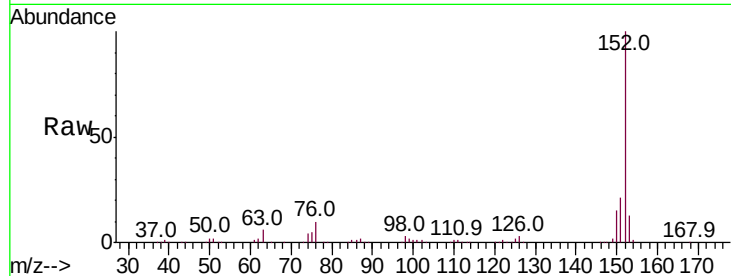
ClientSampleId :

PB114415BS

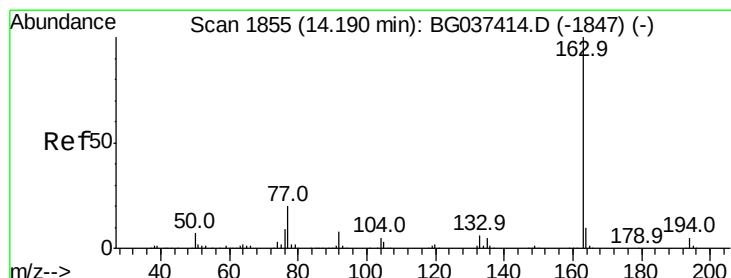
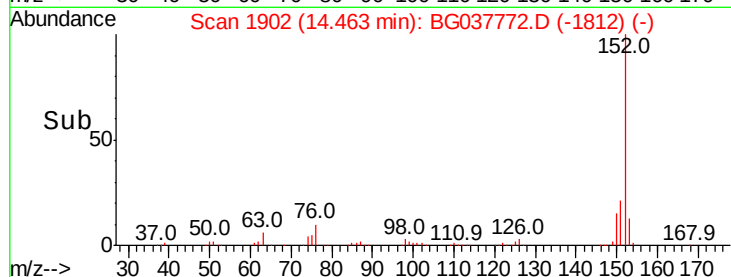
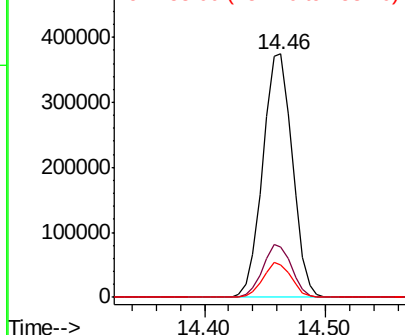
Tot Ion:	152	Resp:	634603
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	13.4	11.1	16.7

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.484 ng

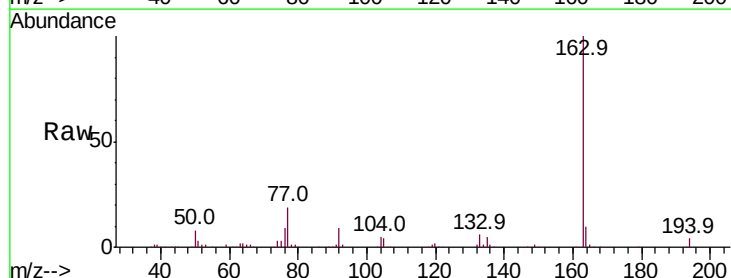
RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

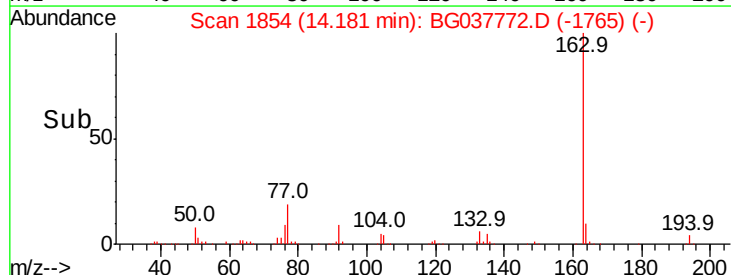
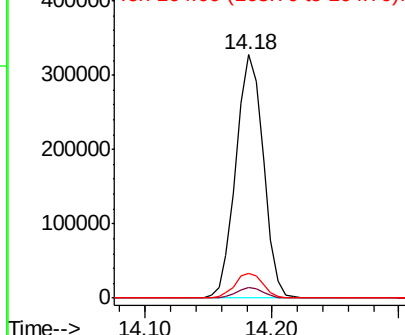
Lab File: BG037772.D

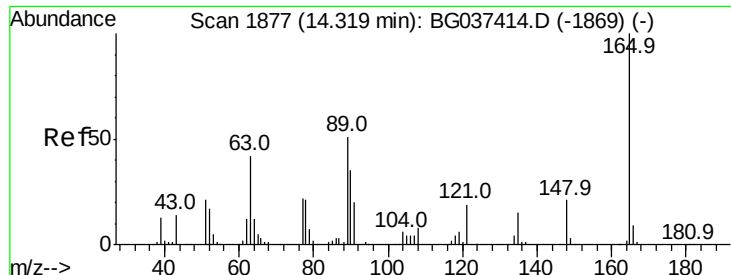
Acq: 3 Nov 2018 2:32

Tgt Ion:	163	Resp:	490319
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.3	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





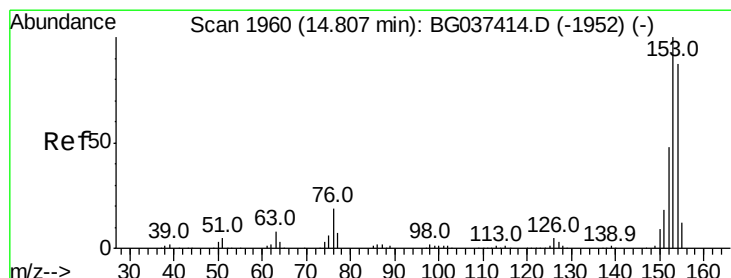
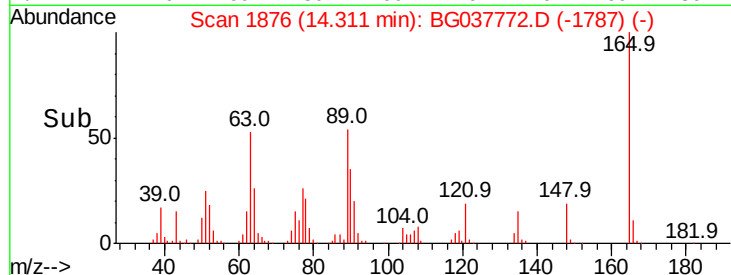
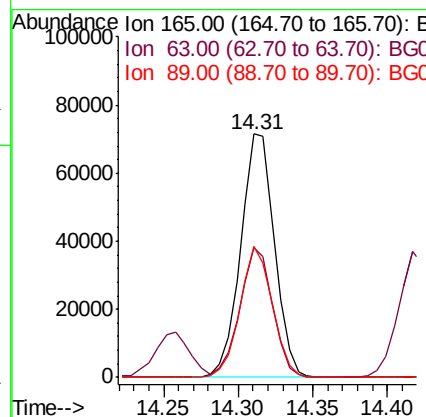
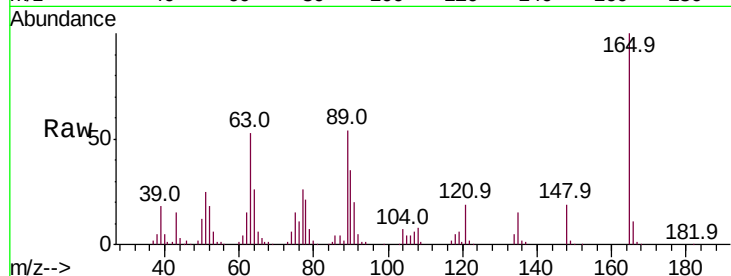
#51
2,6-Dinitrotoluene
Concen: 42.845 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	112028		
63	53.3	43.4	65.2	
89	53.5	45.8	68.6	

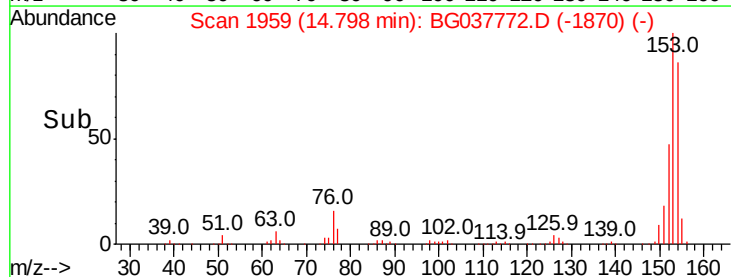
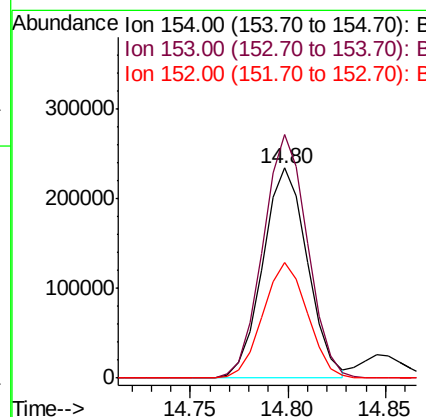
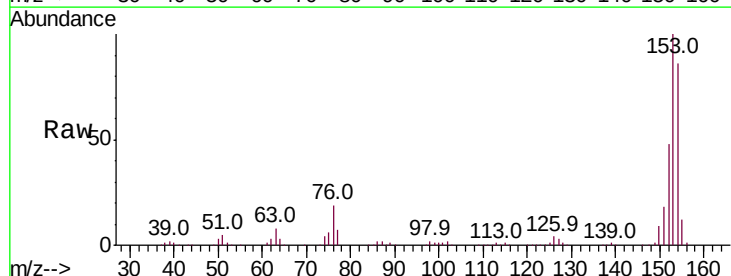
Manual Integrations
APPROVED

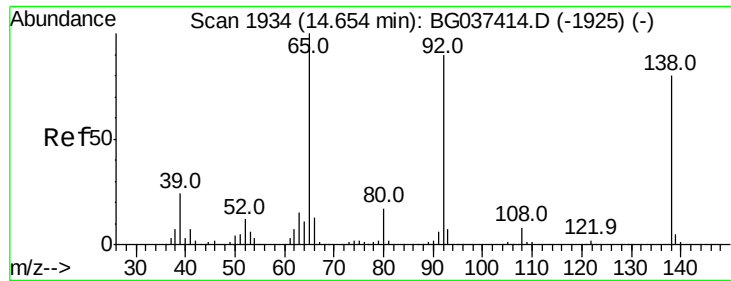
Sohil
11/5/2018 9:49:45 AM



#52
Acenaphthene
Concen: 41.930 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	371845		
153	115.8	93.4	140.0	
152	55.2	44.7	67.1	





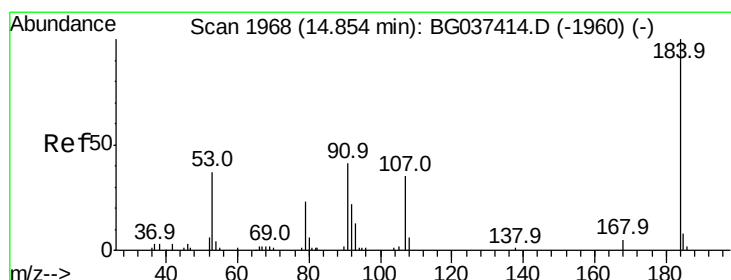
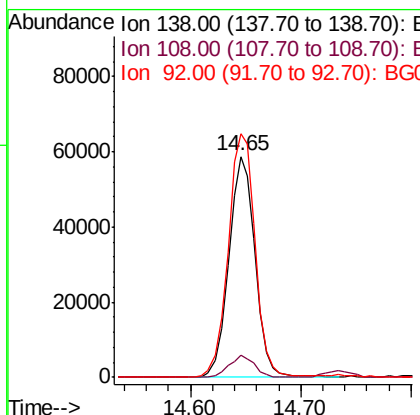
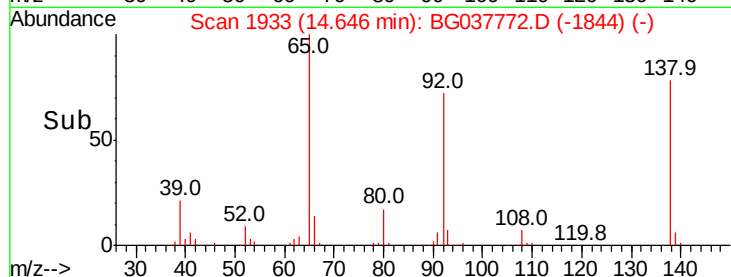
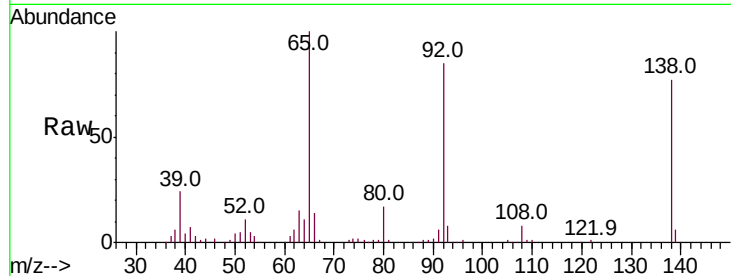
#53
 3-Nitroaniline
 Concen: 33.575 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	11.0	16.6#
92	110.2	95.2	142.8

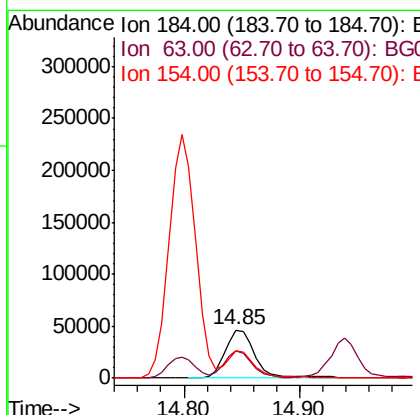
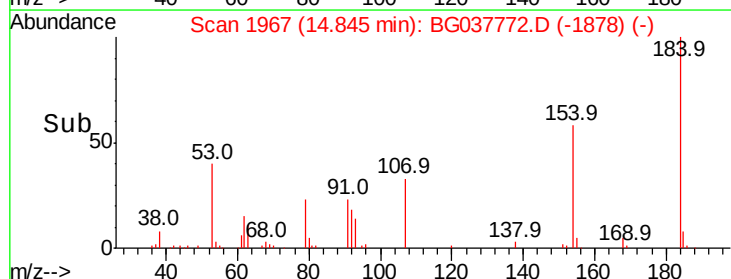
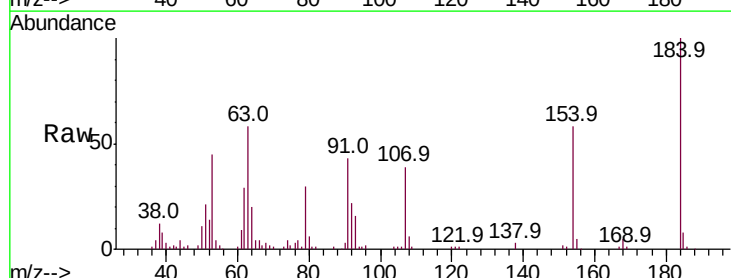
Manual Integrations
 APPROVED

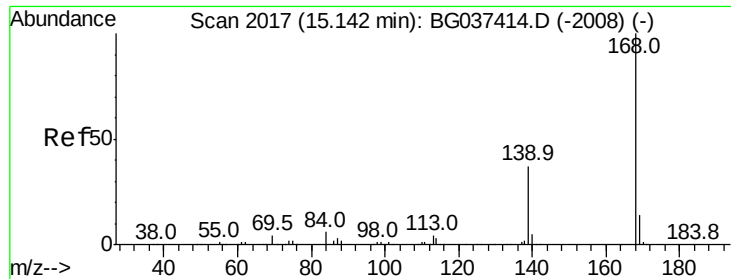
Sohil
 11/5/2018 9:49:45 AM



#54
 2,4-Dinitrophenol
 Concen: 74.888 ng
 RT: 14.85 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.3	42.6	63.8
154	58.0	41.8	62.6





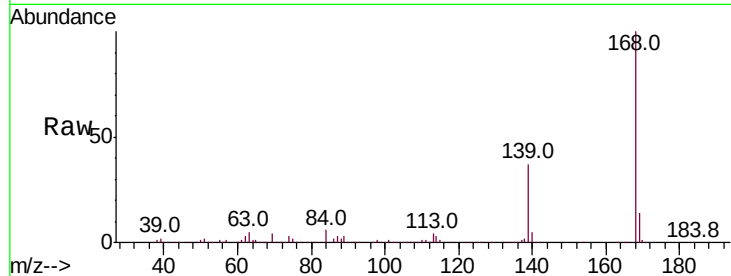
#55
Dibenzofuran
Concen: 41.026 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.6	29.4	44.0	
169	13.8	11.0	16.6	

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM

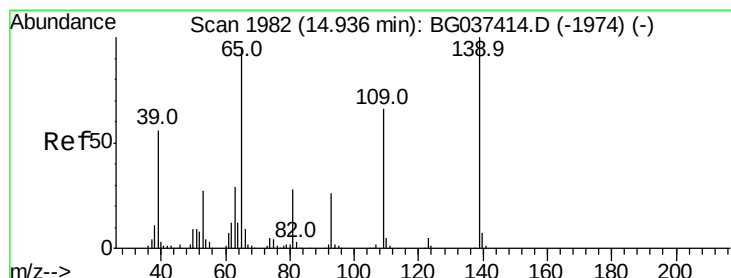
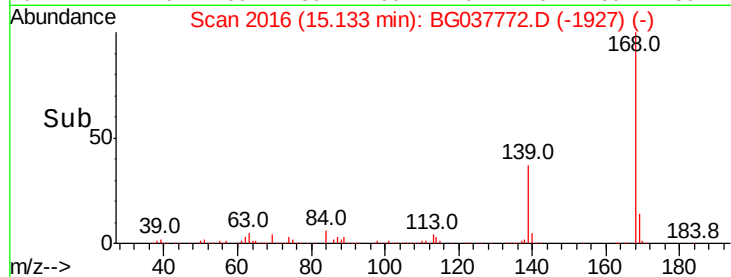
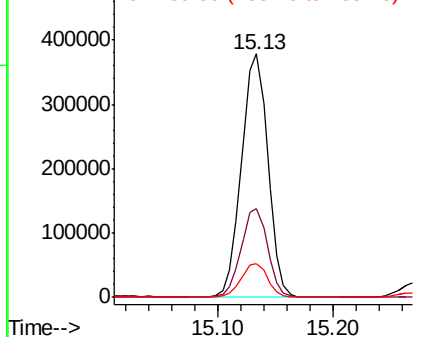


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 110.644 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

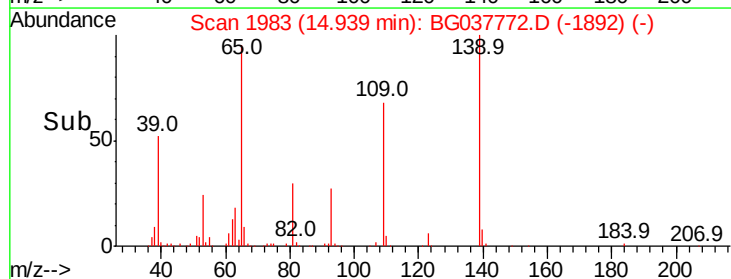
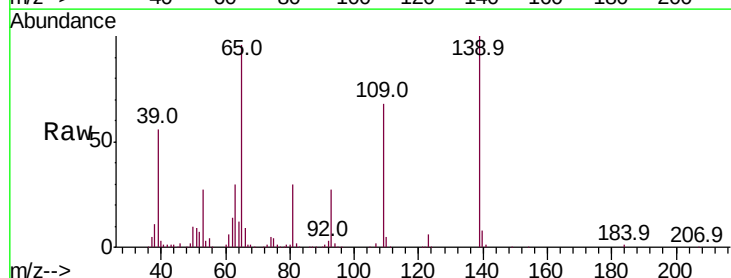
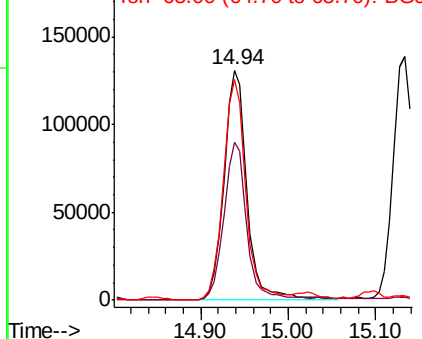
Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.4	49.5	89.5	
65	95.7	76.8	116.8	

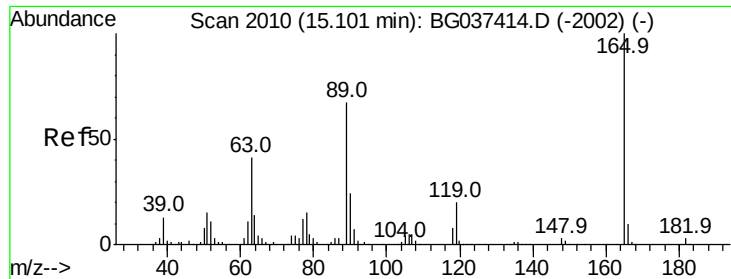
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





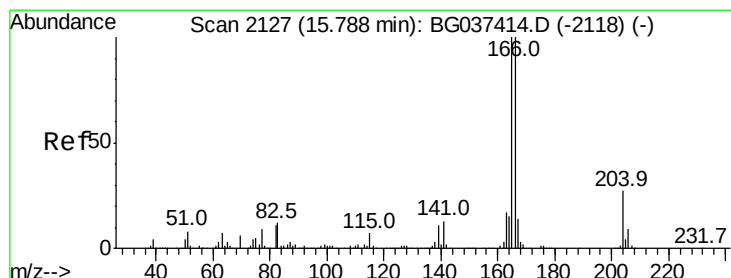
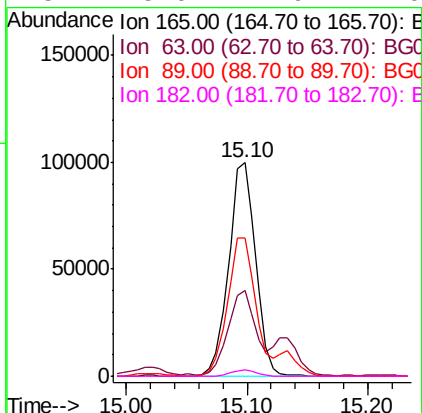
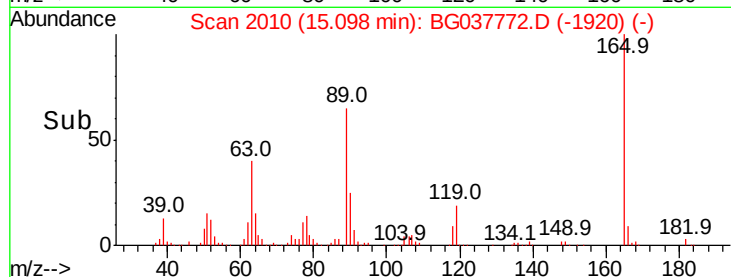
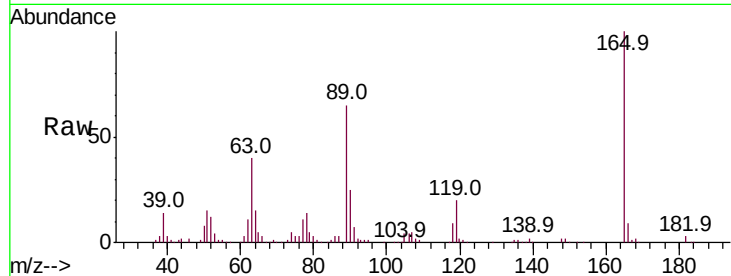
#57
2,4-Dinitrotoluene
Concen: 45.072 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.1	33.4	50.0	
89	64.9	57.2	85.8	
182	3.0	2.6	4.0	

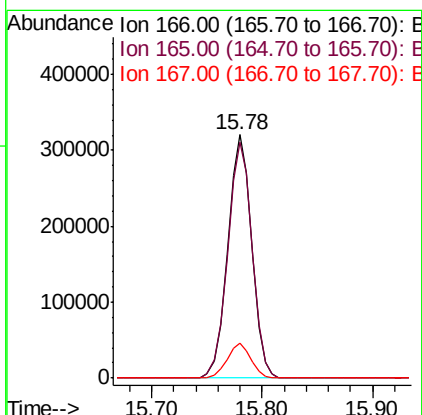
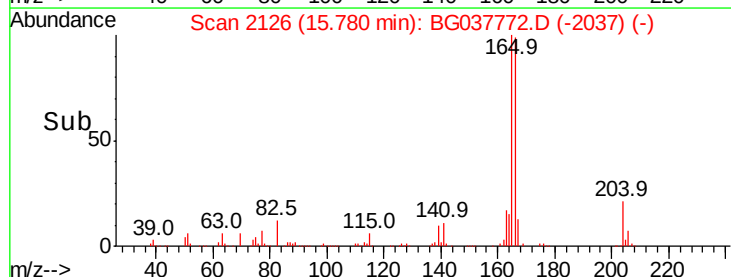
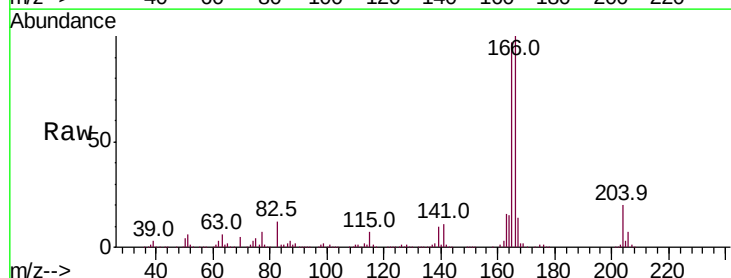
Manual Integrations
APPROVED

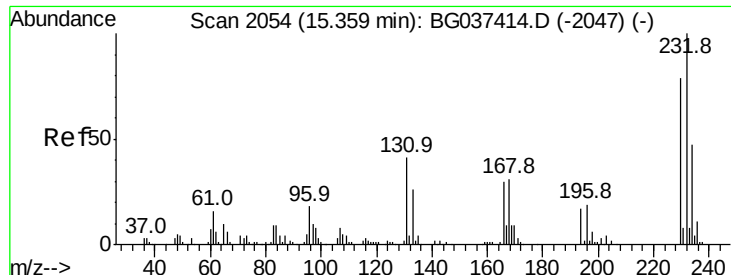
Sohil
11/5/2018 9:49:45 AM



#58
Fluorene
Concen: 44.187 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.2	79.0	118.6	
167	14.4	11.3	16.9	





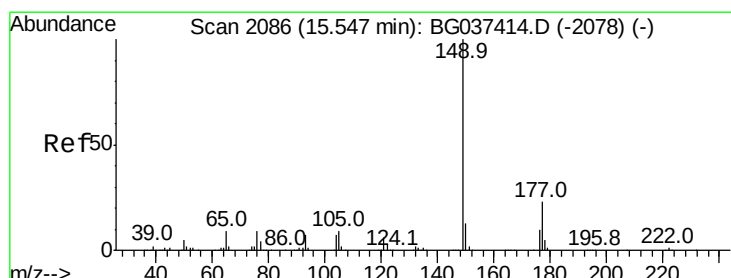
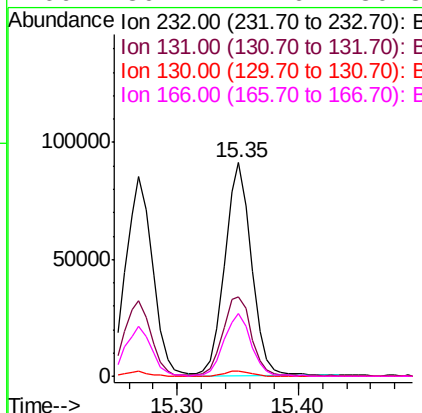
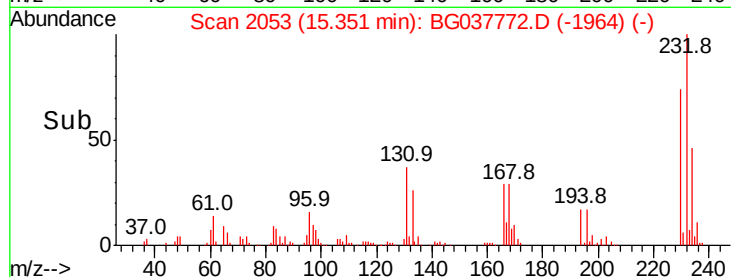
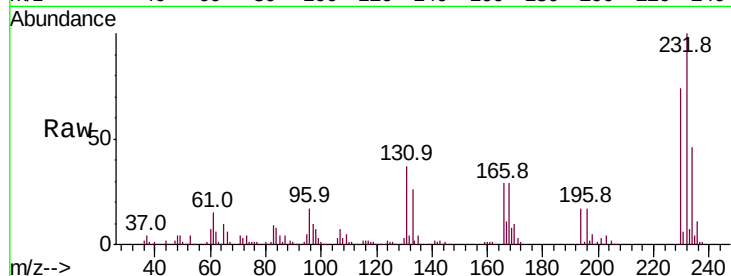
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.263 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	39.4	33.7	50.5
130	2.6	2.1	3.1
166	30.2	24.6	36.8

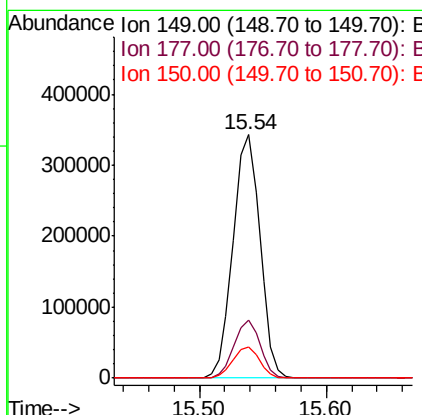
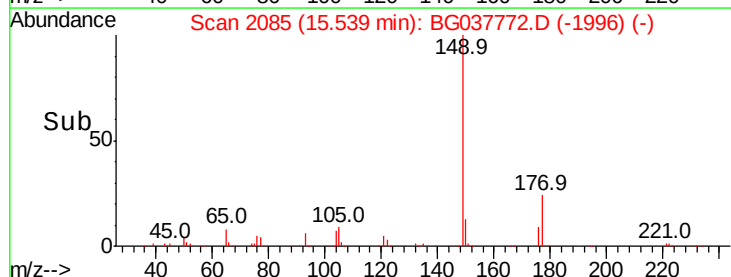
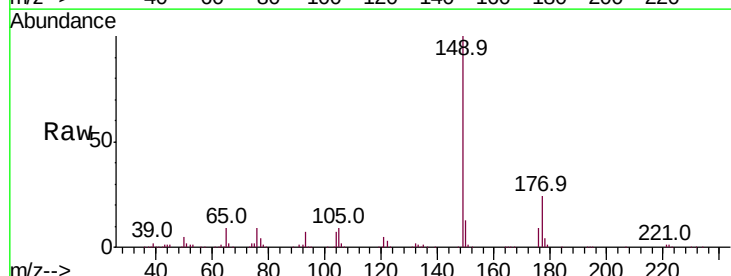
Manual Integrations
 APPROVED

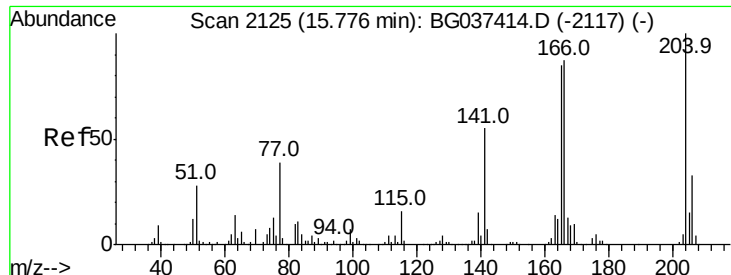
Sohil
 11/5/2018 9:49:45 AM



#60
 Diethylphthalate
 Concen: 41.469 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.7	18.3	27.5
150	12.6	10.0	15.0





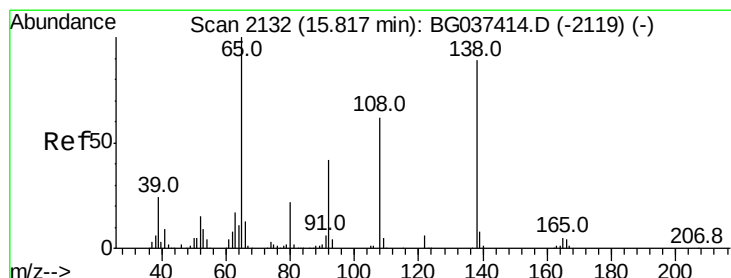
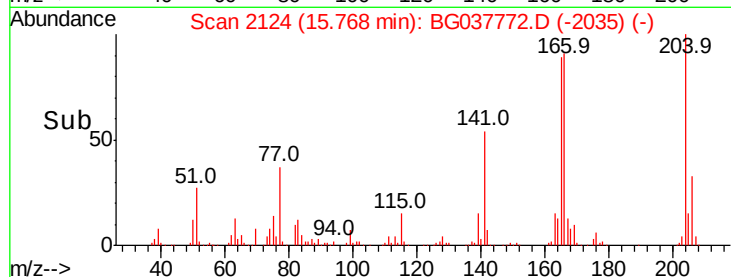
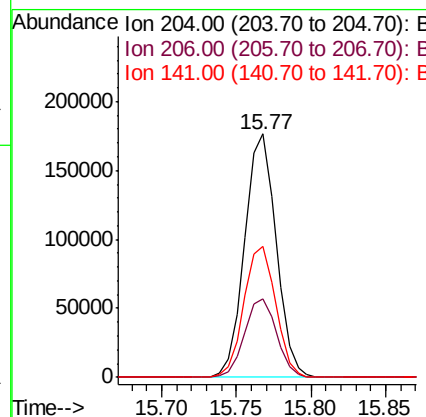
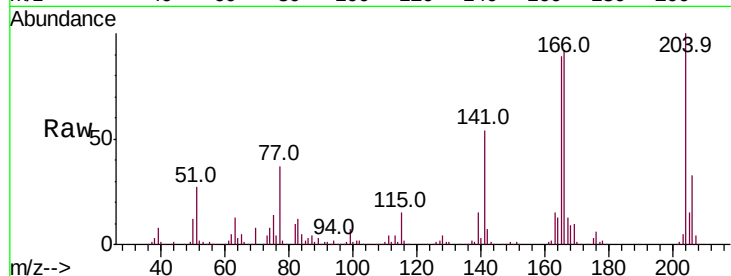
#61
4-Chlorophenyl-phenylether
Concen: 40.221 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	32.5	26.6	39.8
141	53.9	45.4	68.2

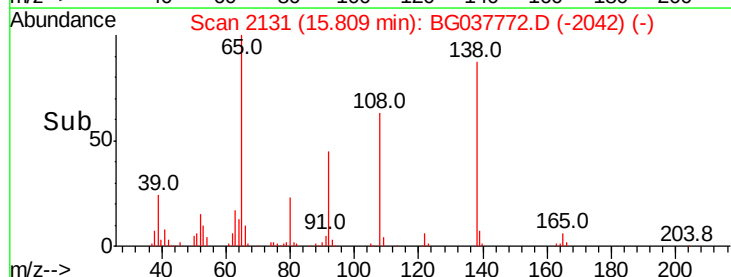
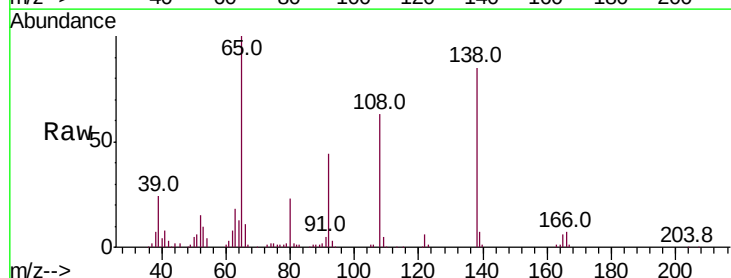
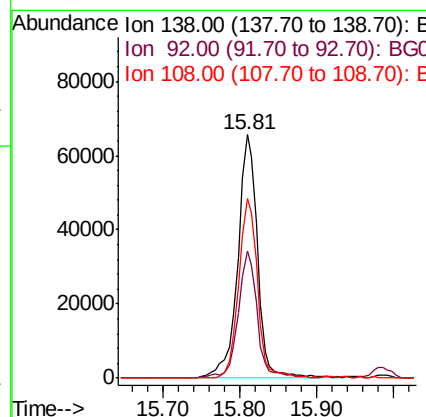
Manual Integrations
APPROVED

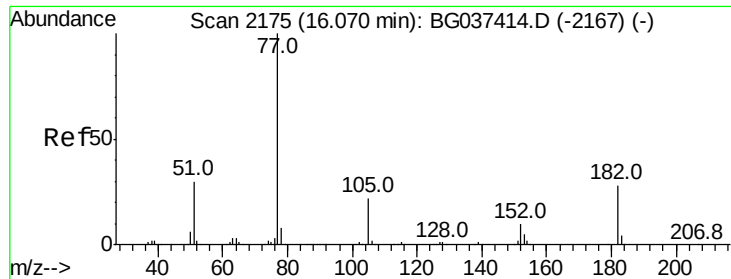
Sohil
11/5/2018 9:49:45 AM



#62
4-Nitroaniline
Concen: 40.980 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	52.1	36.4	76.4
108	74.0	60.1	100.1





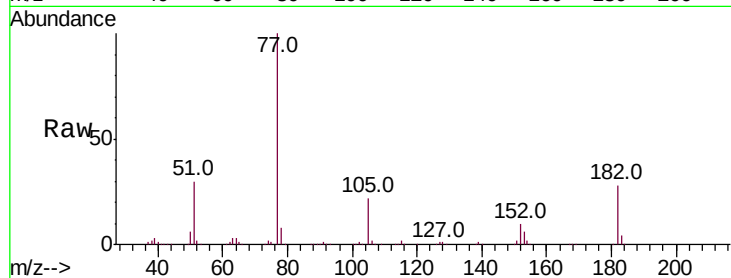
#63
Azobenzene
Concen: 41.017 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.0	48.0
105	21.6	1.3	41.3
51	30.2	10.7	50.7

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



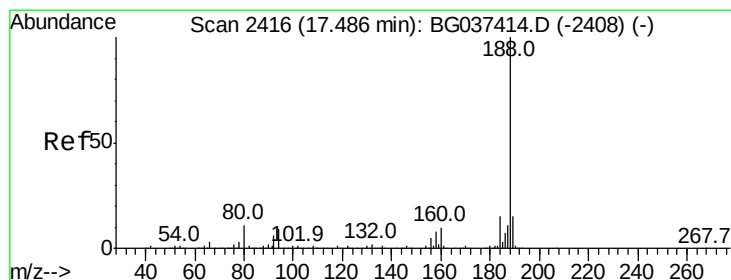
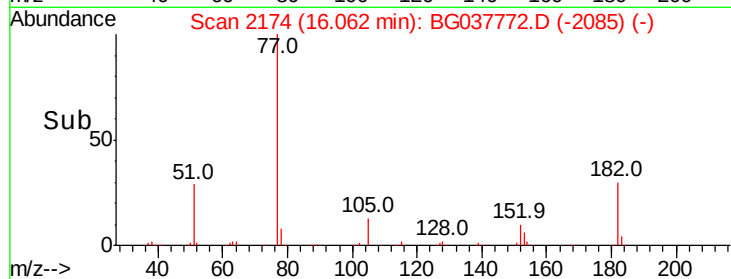
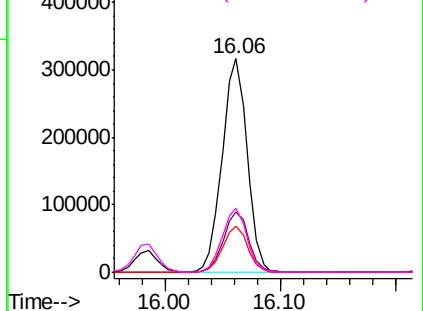
Abundance

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: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

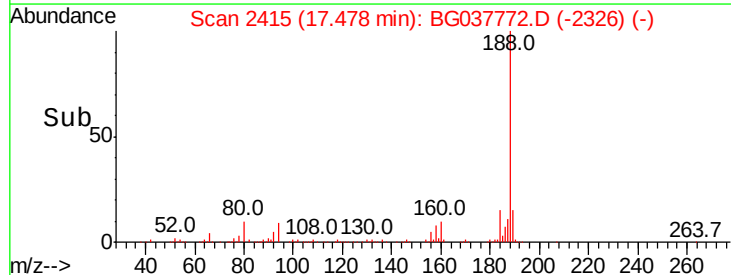
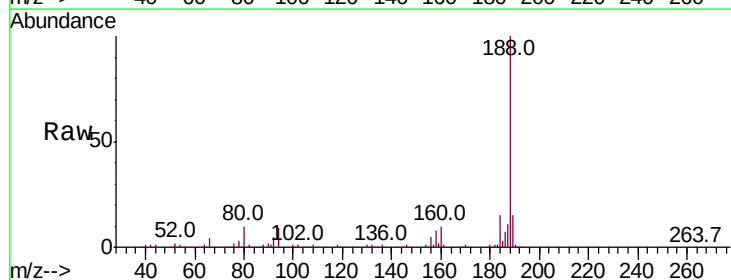
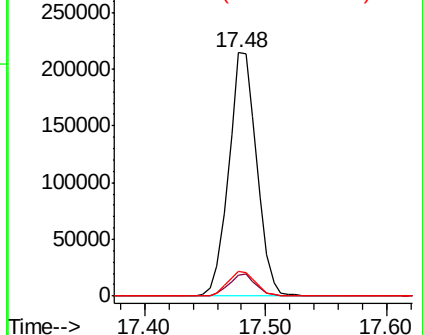
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.3	7.7	11.5

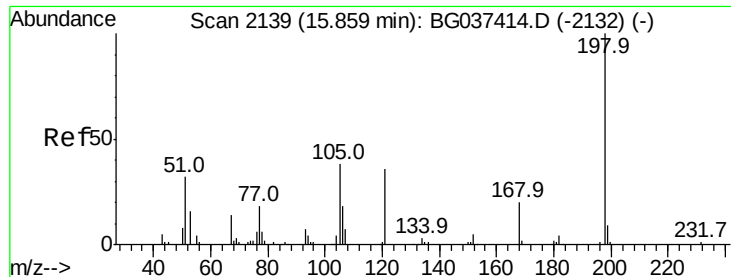
Abundance

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





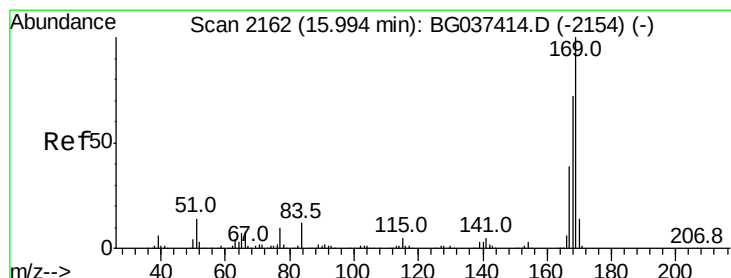
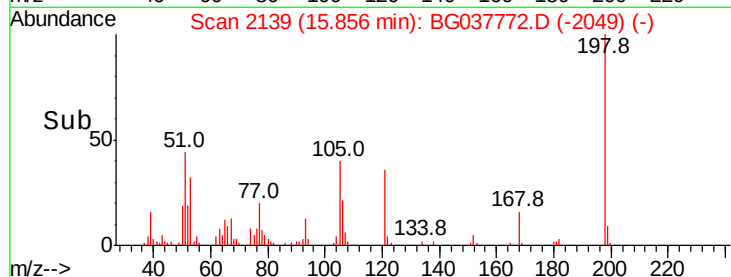
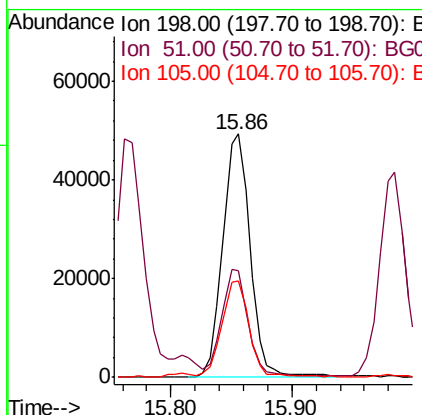
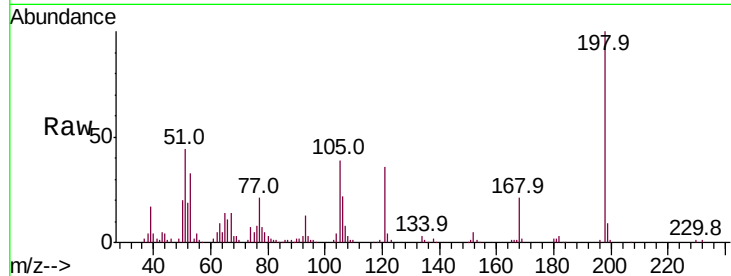
#65
4,6-Dinitro-2-methylphenol
Concen: 43.880 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	77928		
51	43.8		22.7	62.7
105	39.5		19.7	59.7

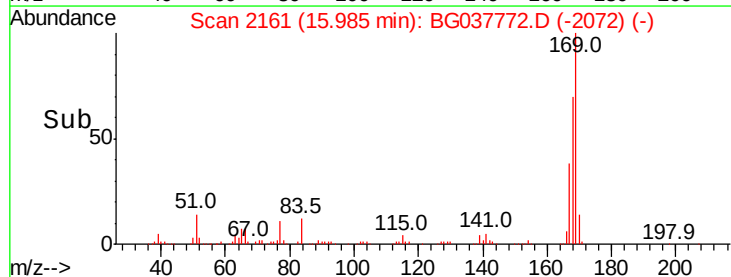
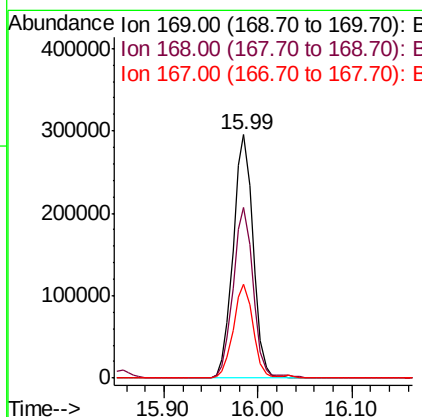
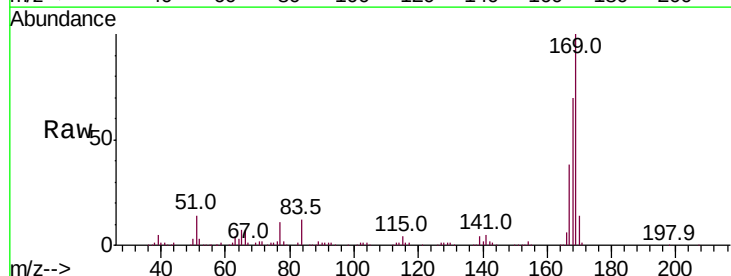
Manual Integrations
APPROVED

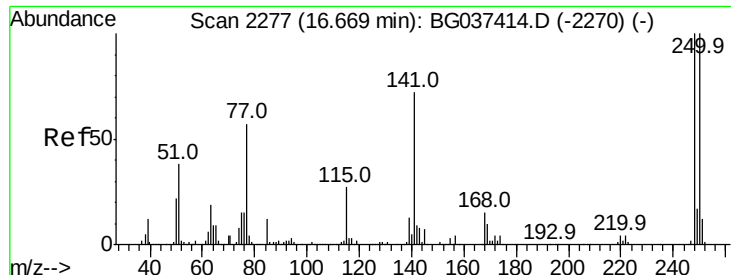
Sohil
11/5/2018 9:49:45 AM



#66
n-Nitrosodiphenylamine
Concen: 41.719 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	433471		
168	69.9		55.7	83.5
167	38.5		31.3	46.9





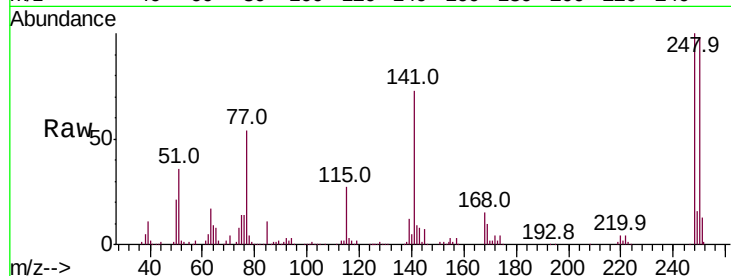
#67
 4-Bromophenyl-phenylether
 Concen: 42.234 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.0	115.6
141	72.7	55.5	83.3

Manual Integrations
 APPROVED

Sohil
 11/5/2018 9:49:45 AM

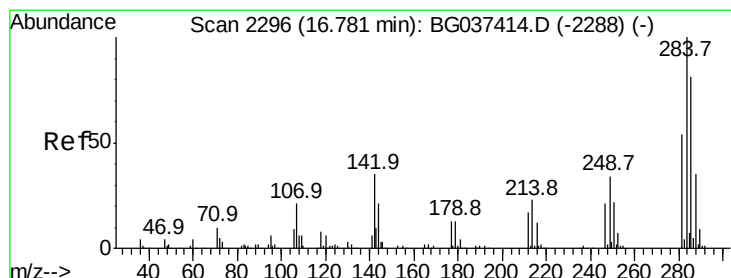
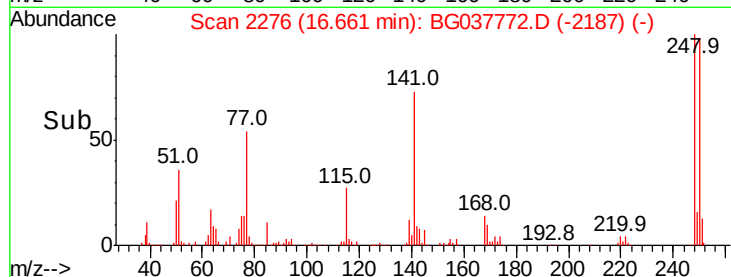
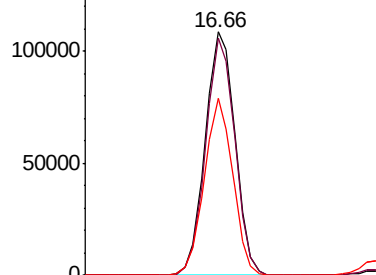


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.721 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

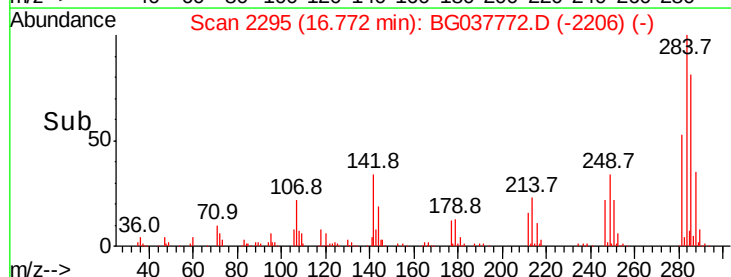
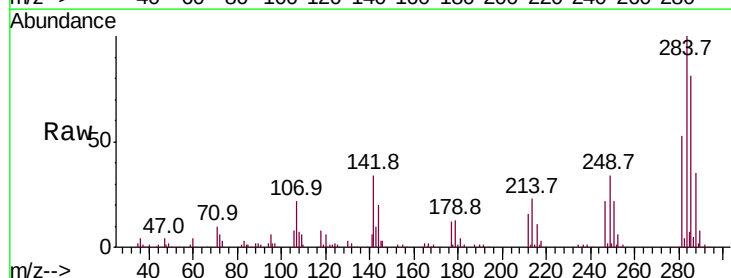
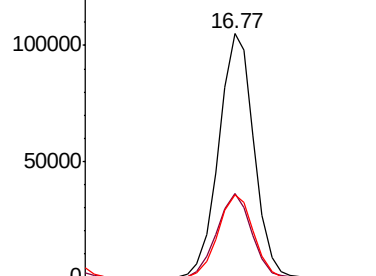
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.1	42.1
249	36.0	29.8	44.8

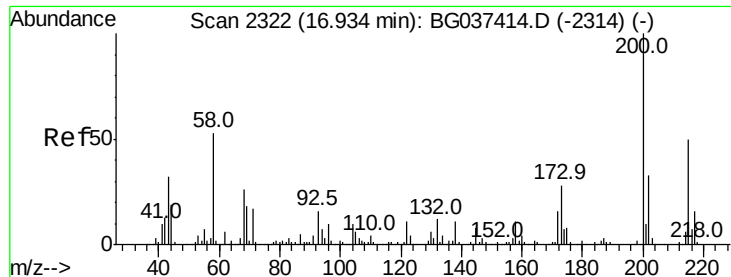
Abundance

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





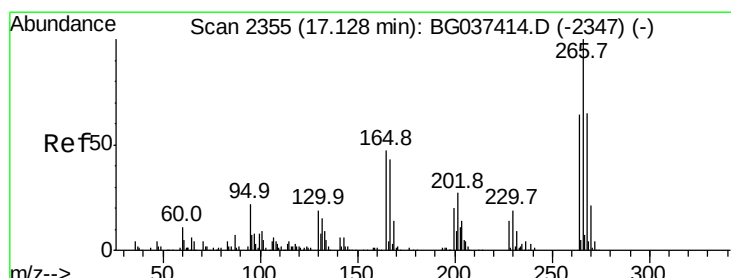
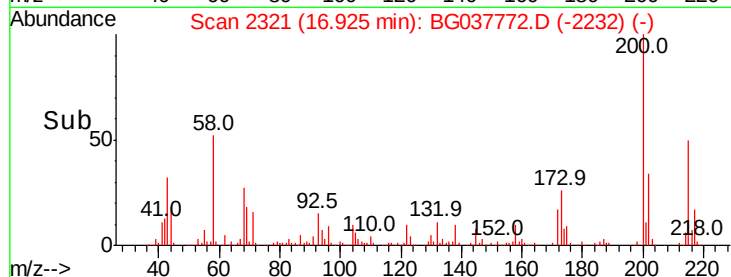
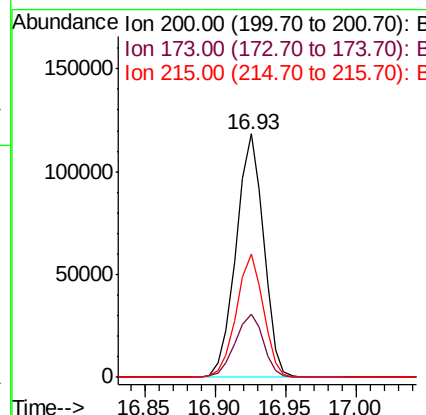
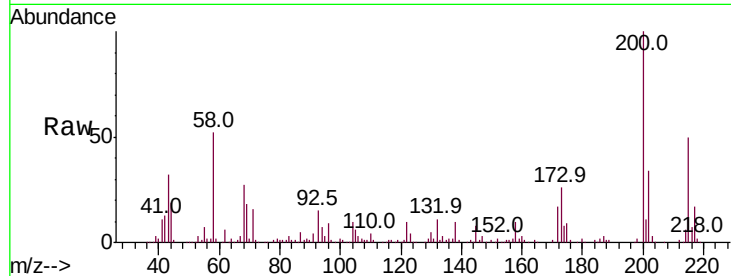
#69
Atrazine
Concen: 42.792 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	6.1	46.1
215	50.4	30.8	70.8

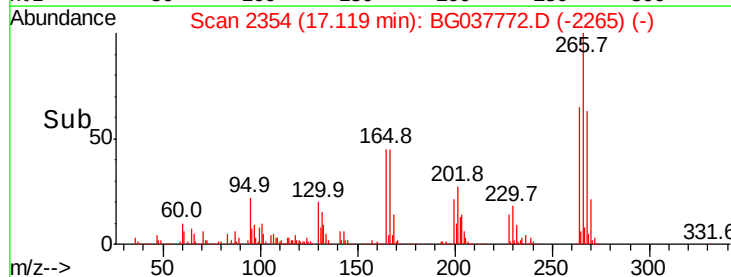
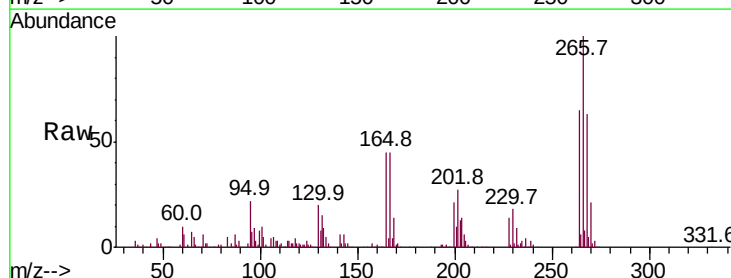
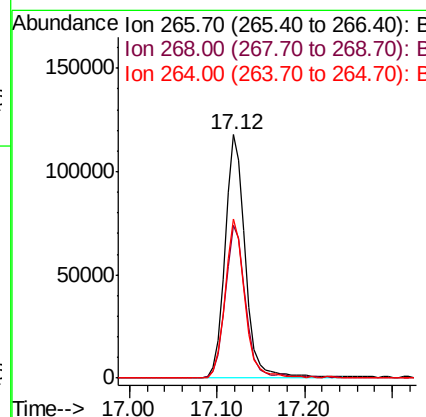
Manual Integrations
APPROVED

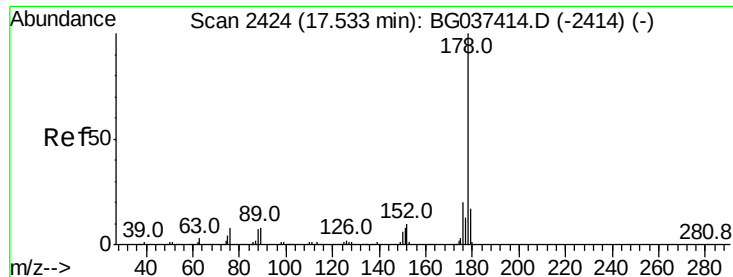
Sohil
11/5/2018 9:49:45 AM



#70
Pentachlorophenol
Concen: 71.843 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.2	55.0	82.6
264	70.8	58.9	88.3





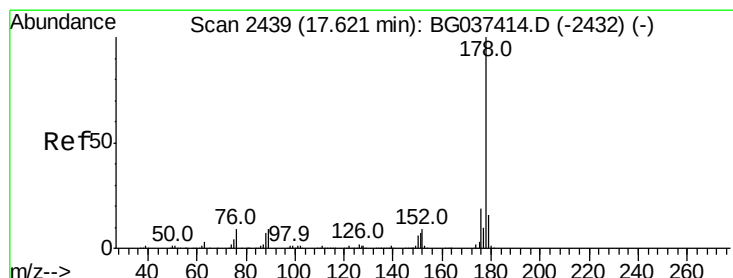
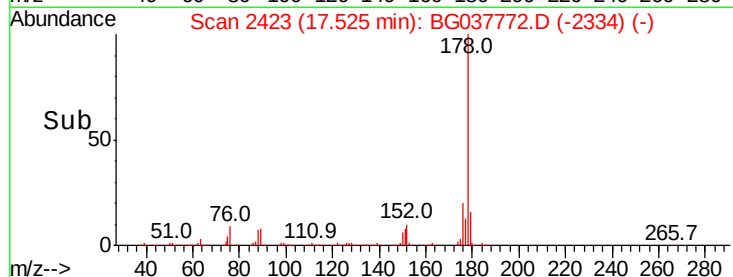
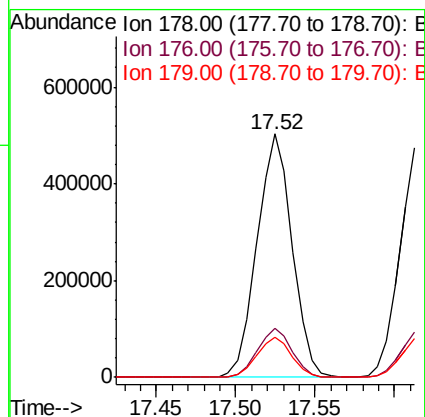
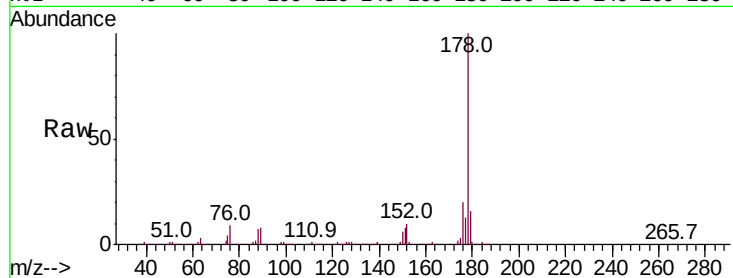
#71
Phenanthrene
Concen: 44.123 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.1	24.1
179	16.2	13.0	19.4

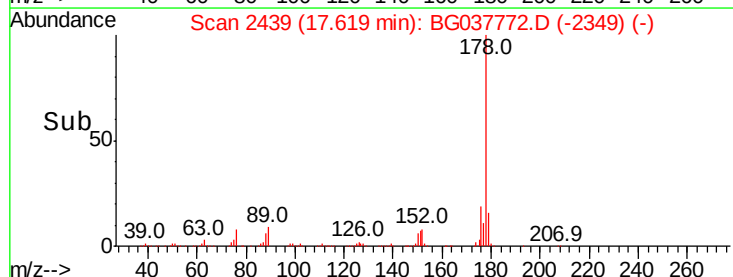
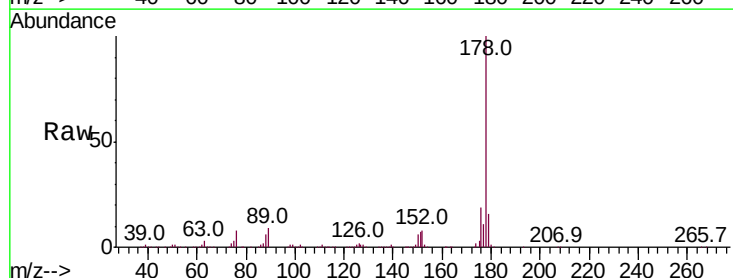
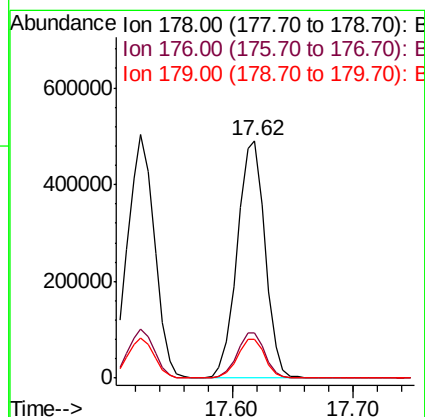
Manual Integrations
APPROVED

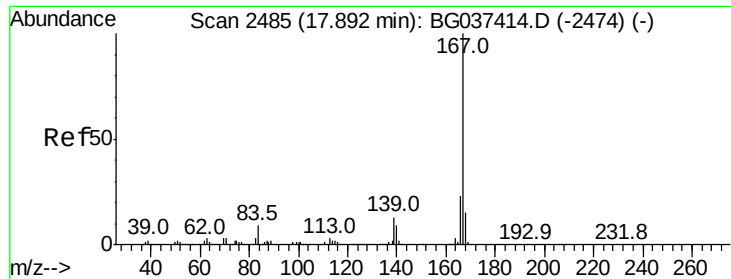
Sohil
11/5/2018 9:49:45 AM



#72
Anthracene
Concen: 45.773 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	16.5	12.8	19.2





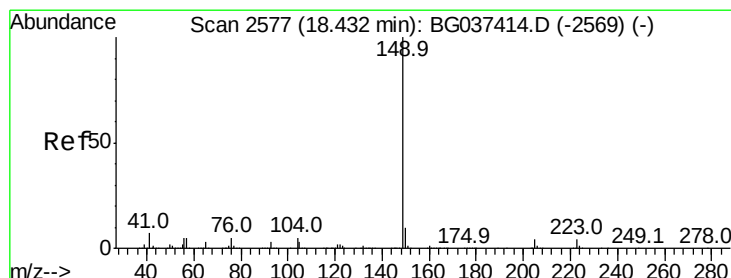
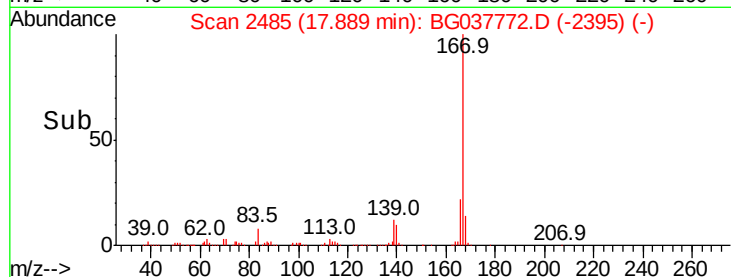
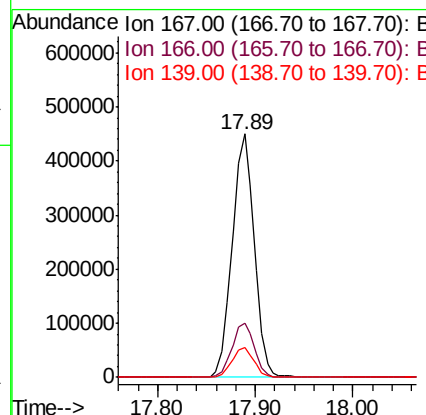
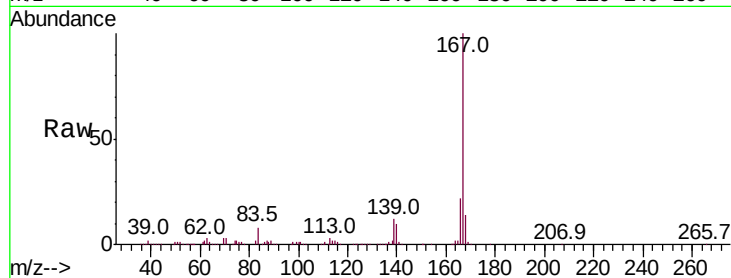
#73
 Carbazole
 Concen: 40.942 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BS

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	22.5	18.3	27.5
139	12.3	10.5	15.7

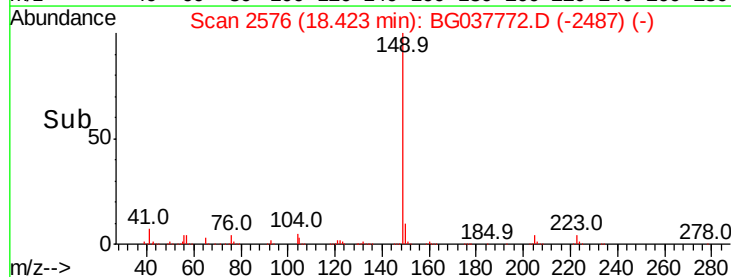
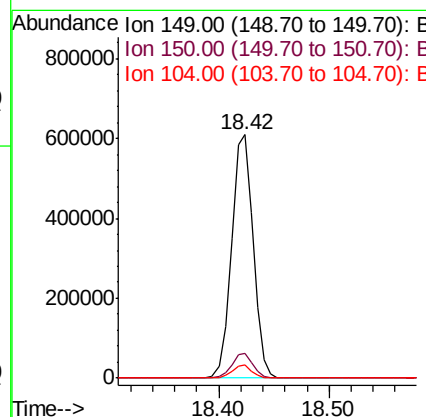
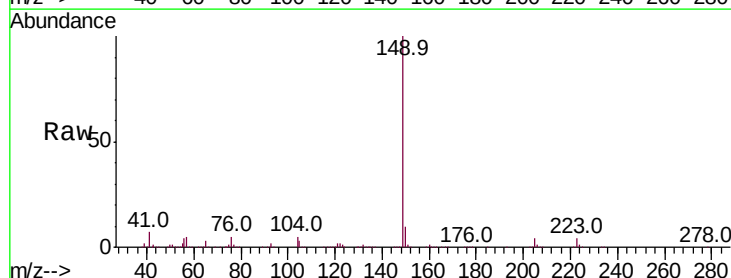
Manual Integrations
 APPROVED

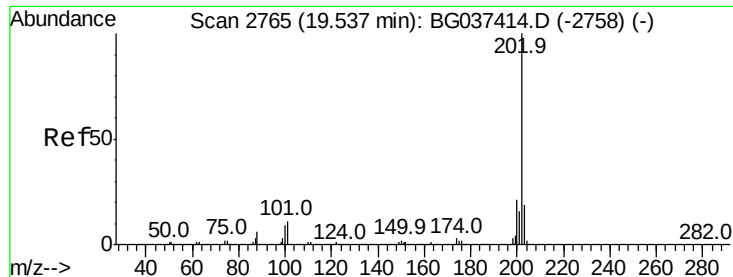
Sohil
 11/5/2018 9:49:45 AM



#74
 Di-n-butylphthalate
 Concen: 43.511 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 44.569 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Instrument :

BNA_G

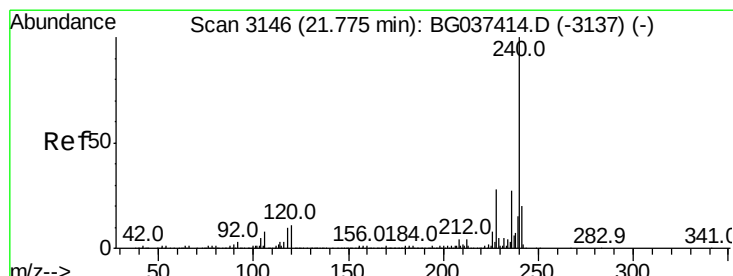
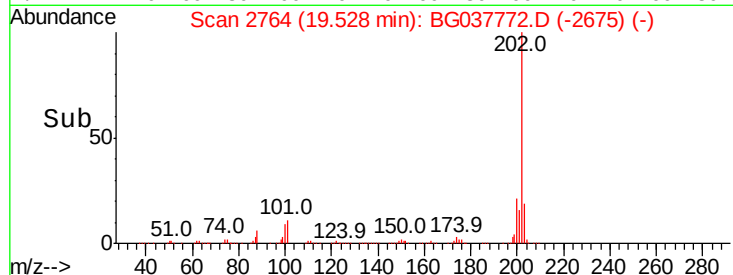
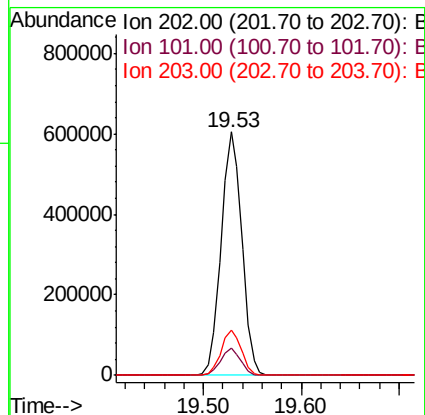
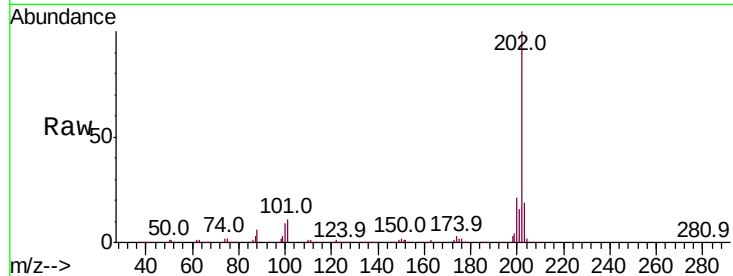
ClientSampleId :

PB114415BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	30.7
203	18.6	0.0	38.5

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



#76

Chrysene-d12

Concen: 20.000 ng

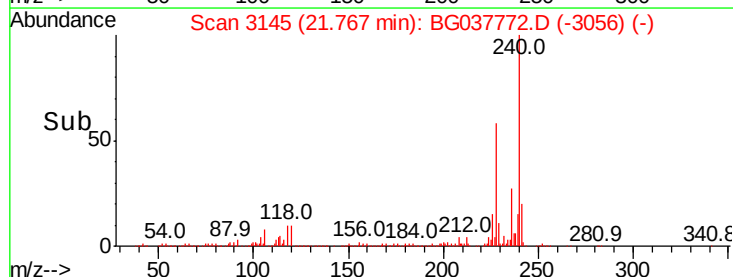
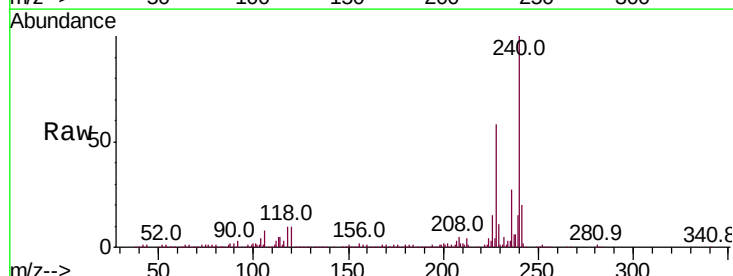
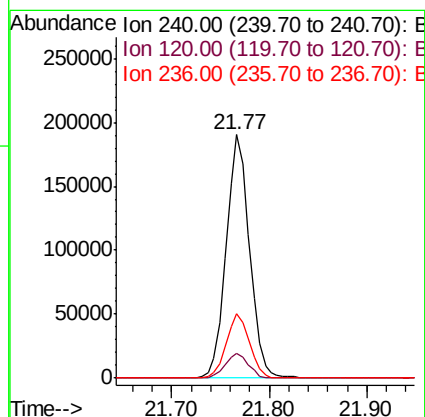
RT: 21.77 min Scan# 3145

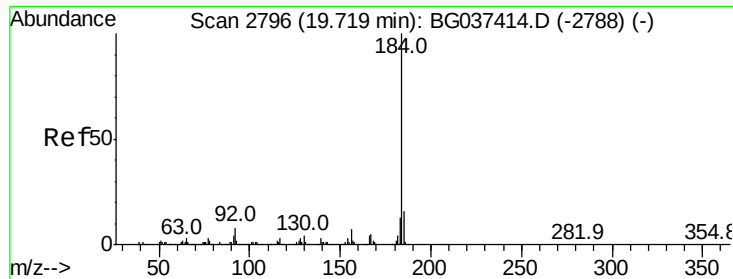
Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.6	21.4	32.0





#77

Benzidine

Concen: 39.701 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Instrument :

BNA_G

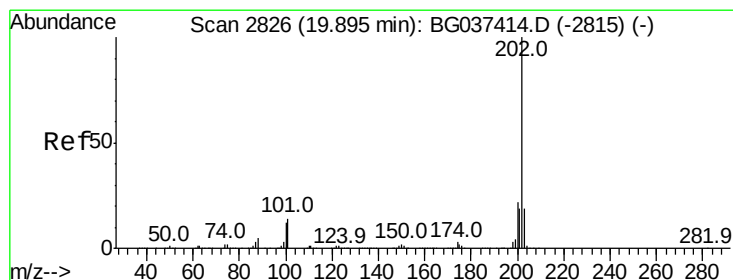
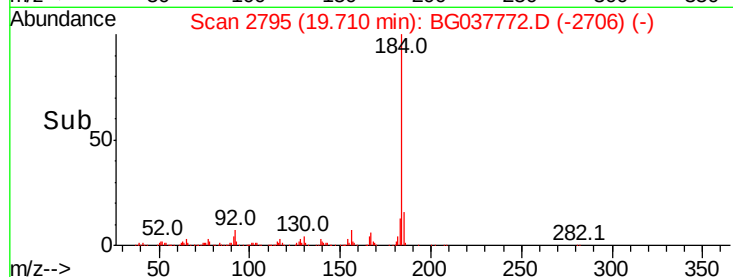
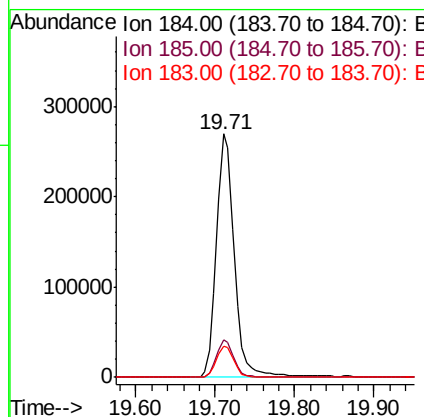
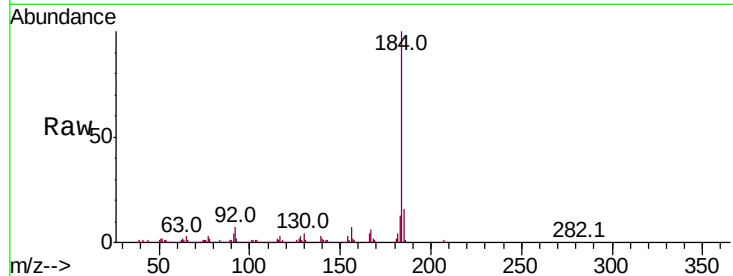
ClientSampleId :

PB114415BS

Tot Ion:	184	Resp:	424707
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	18.8
183	12.6	10.2	15.2

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



#78

Pyrene

Concen: 42.514 ng

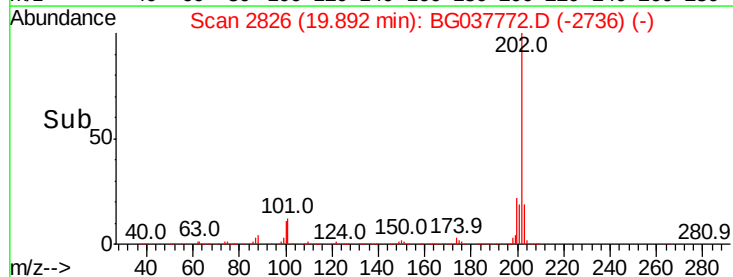
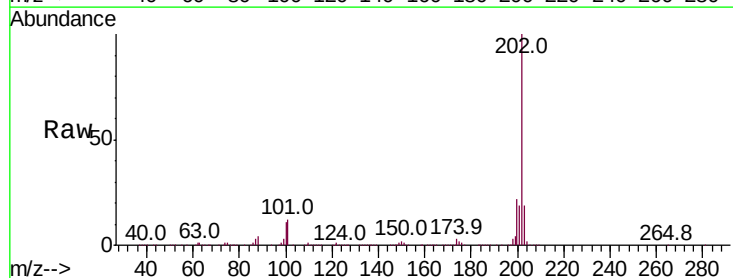
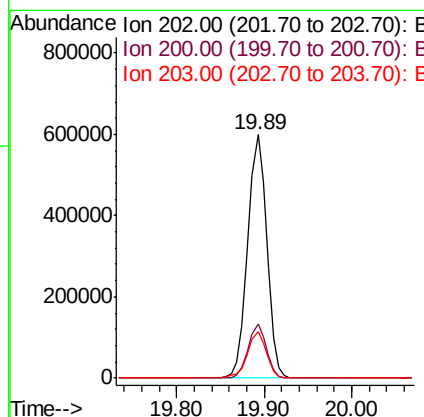
RT: 19.89 min Scan# 2826

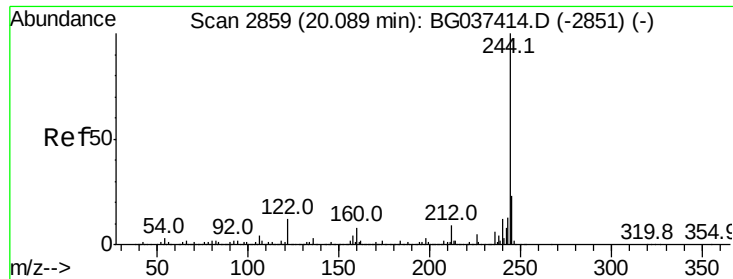
Delta R.T. -0.00 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Tgt Ion:	202	Resp:	874371
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.8	26.6
203	18.9	15.2	22.8





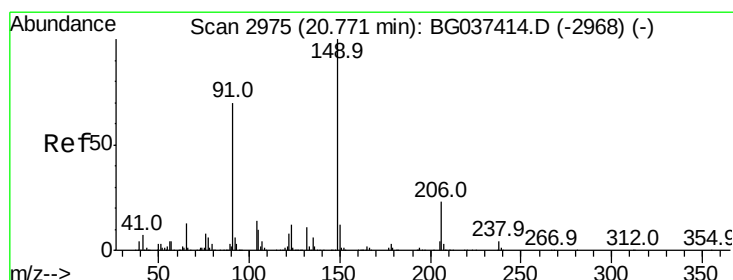
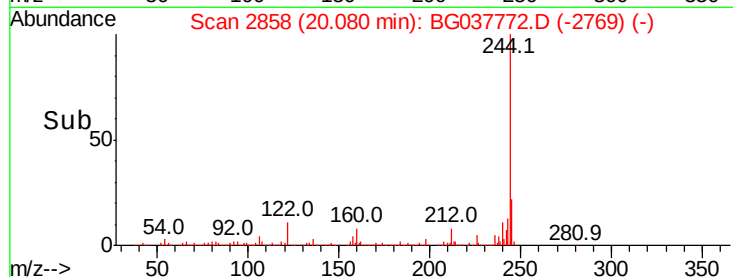
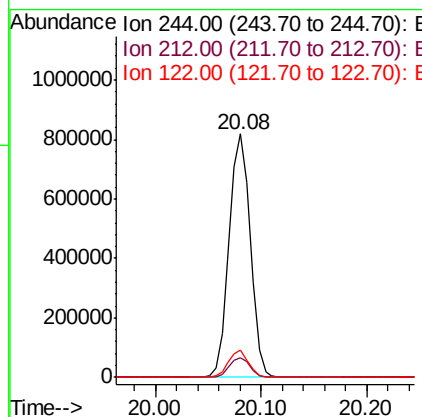
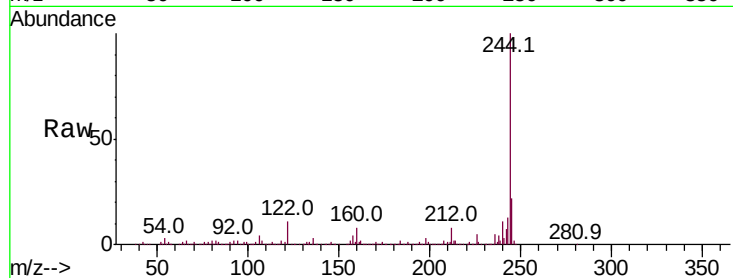
#79
 Terphenyl-d14
 Concen: 77.034 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Instrument :
 BNA_G
 ClientSampled :
 PB114415BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.2	9.0	13.4

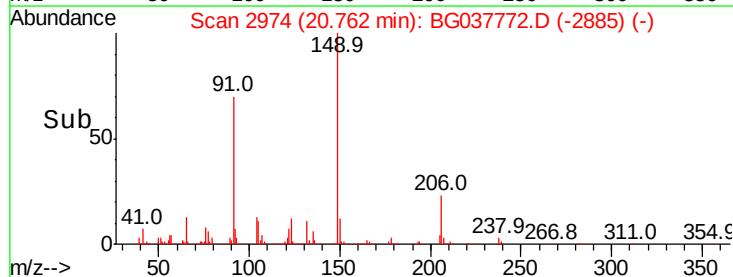
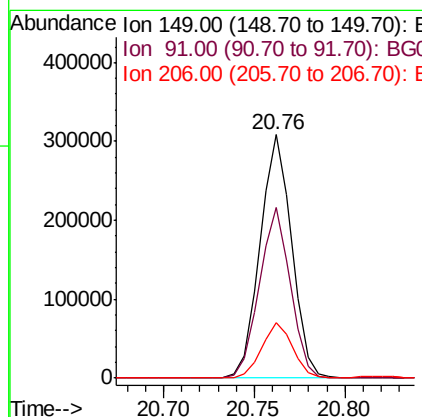
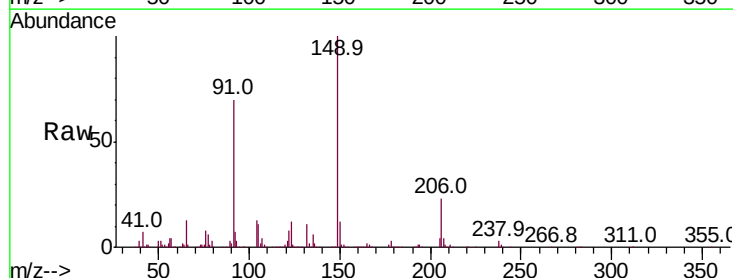
Manual Integrations
 APPROVED

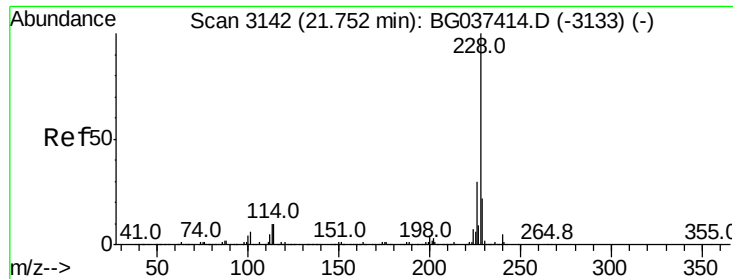
Sohil
 11/5/2018 9:49:45 AM



#80
 Butylbenzylphthalate
 Concen: 44.261 ng
 RT: 20.76 min Scan# 2974
 Delta R.T. -0.01 min
 Lab File: BG037772.D
 Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.0	57.0	85.4
206	22.8	17.8	26.6





#81

Benzo(a)anthracene

Concen: 44.457 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Instrument :

BNA_G

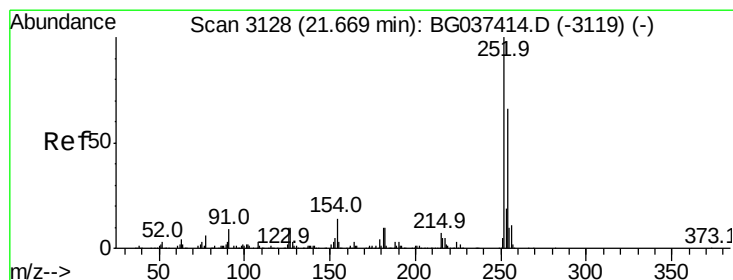
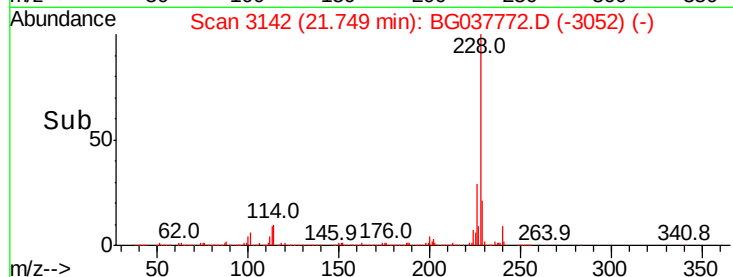
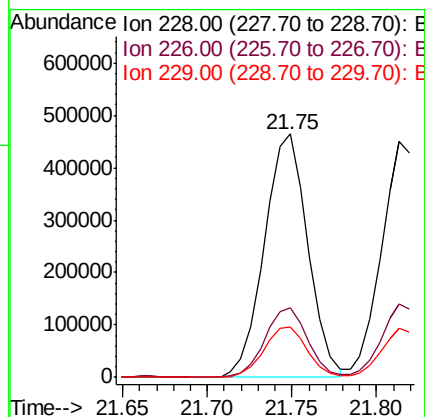
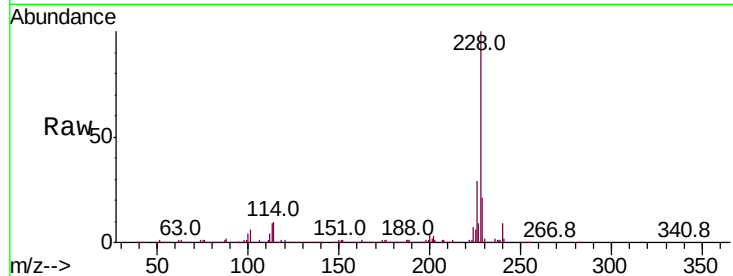
ClientSampleId :

PB114415BS

Tot Ion:	228	Resp:	827300
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.6	33.8
229	20.7	16.3	24.5

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



#82

3,3'-Dichlorobenzidine

Concen: 31.540 ng

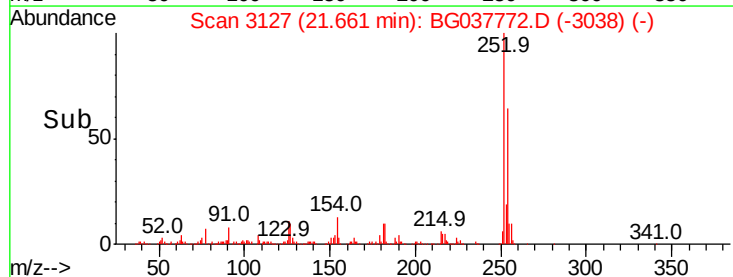
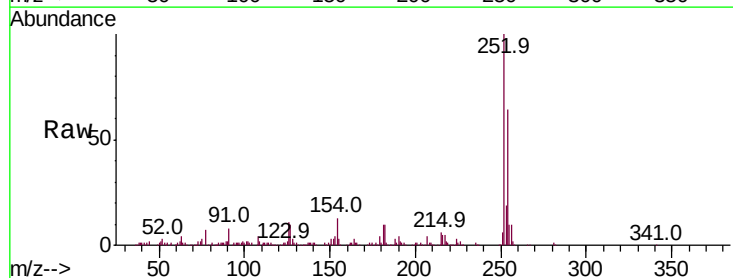
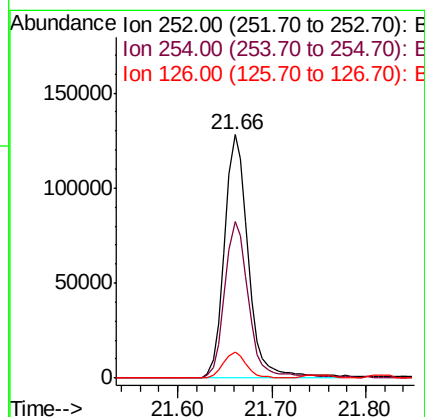
RT: 21.66 min Scan# 3127

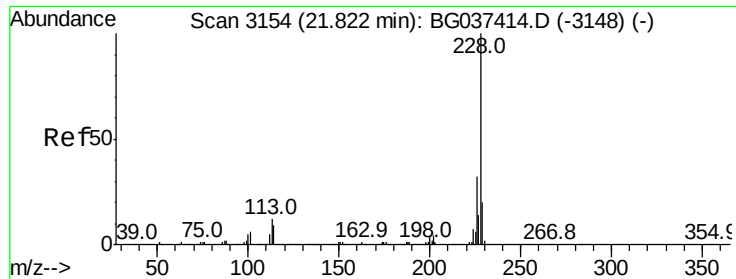
Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Tgt Ion:	252	Resp:	227498
Ion Ratio	Lower	Upper	
252	100		
254	64.2	52.0	78.0
126	10.5	8.2	12.4





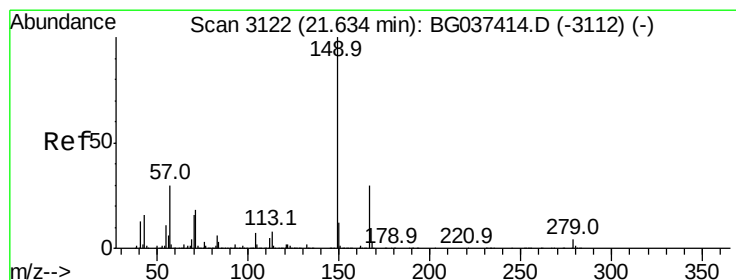
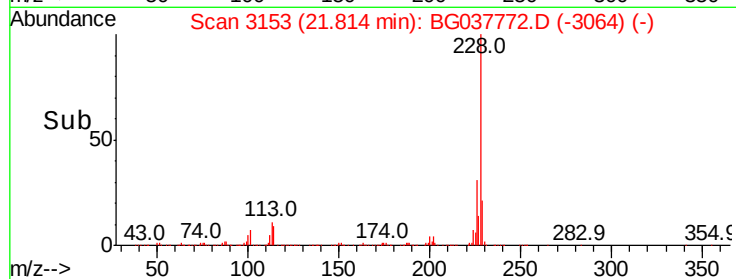
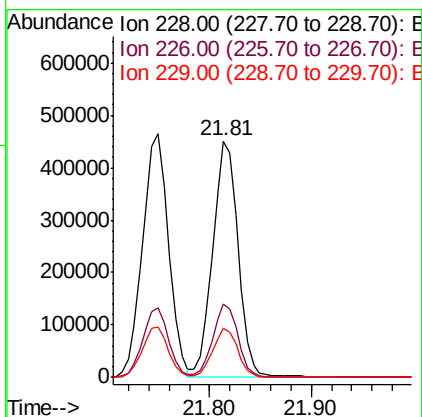
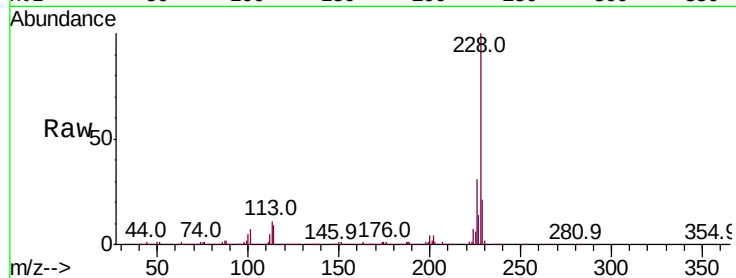
#83
Chrysene
Concen: 43.605 ng
RT: 21.81 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	20.8	16.5	24.7

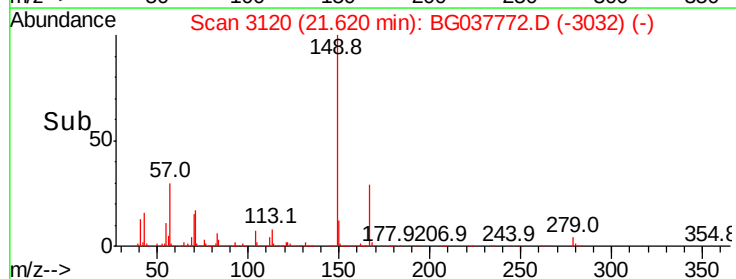
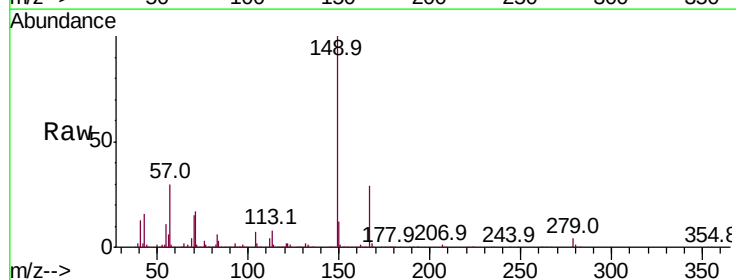
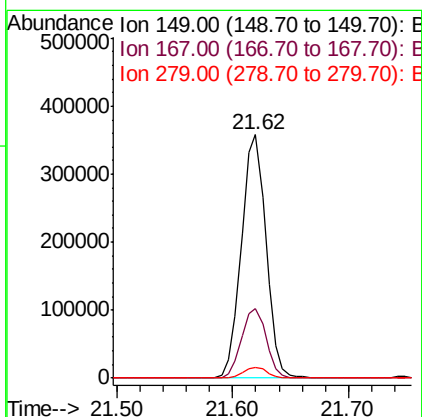
Manual Integrations
APPROVED

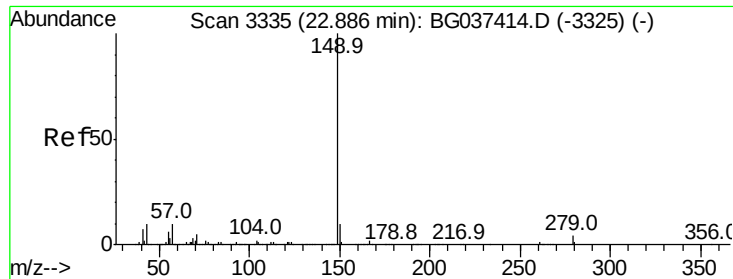
Sohil
11/5/2018 9:49:45 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.934 ng
RT: 21.62 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.4
279	4.4	3.6	5.4





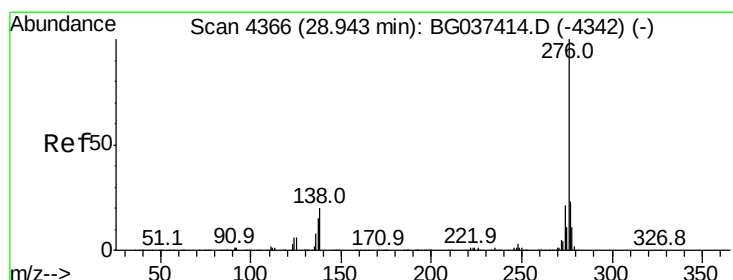
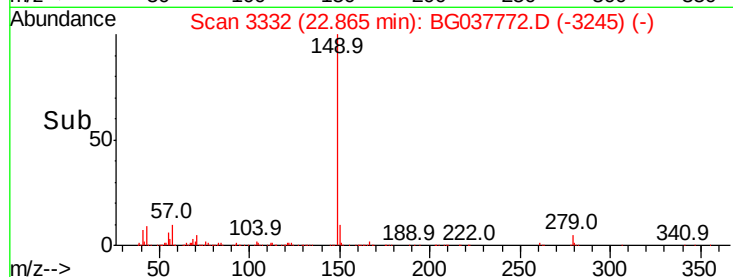
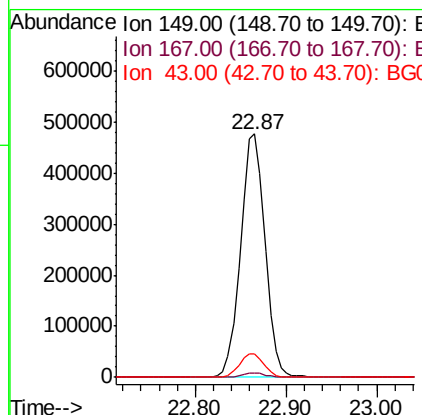
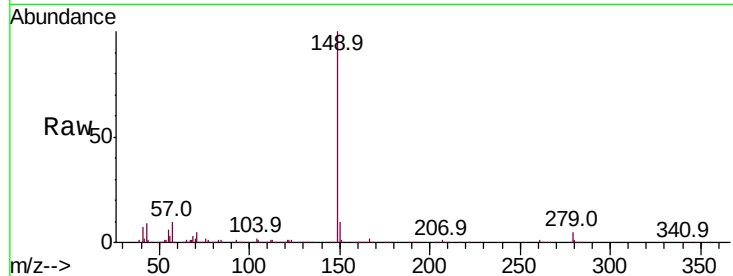
#85
Di-n-octyl phthalate
Concen: 46.392 ng
RT: 22.87 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	892544		
167	1.7	1.3	1.9	
43	9.8	8.7	13.1	

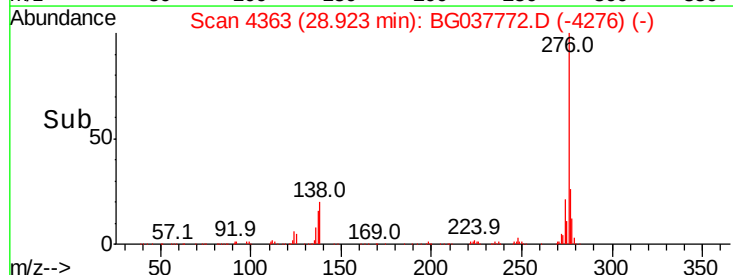
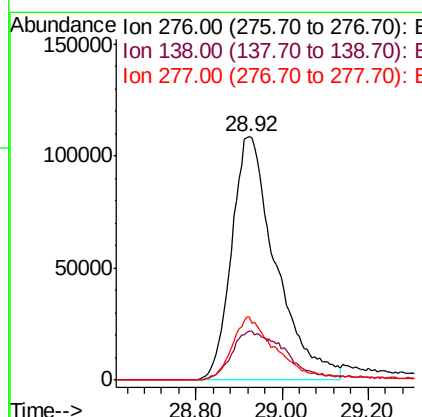
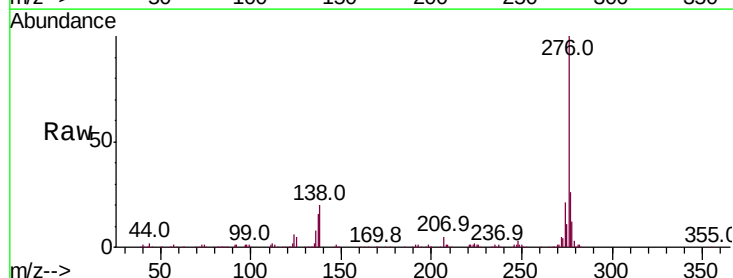
Manual Integrations
APPROVED

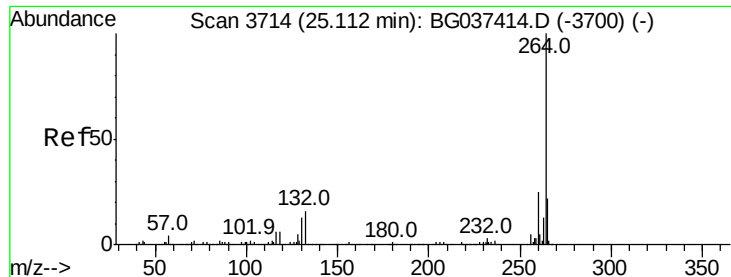
Sohil
11/5/2018 9:49:45 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.518 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	777630		
138	24.1	12.0	18.0#	
277	25.5	20.6	30.8	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037772.D

Acq: 3 Nov 2018 2:32

Instrument :

BNA_G

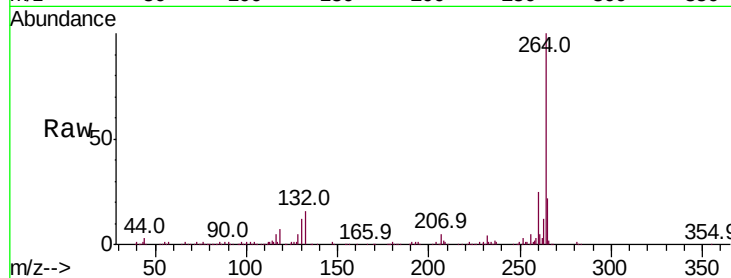
ClientSampled :

PB114415BS

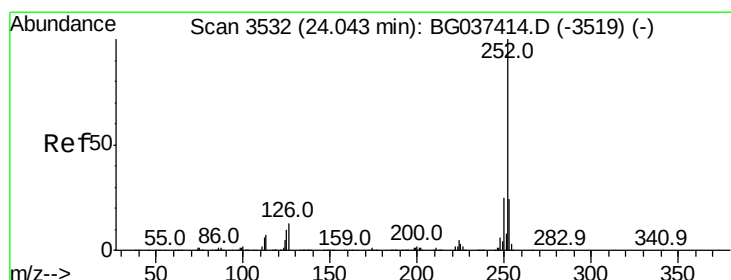
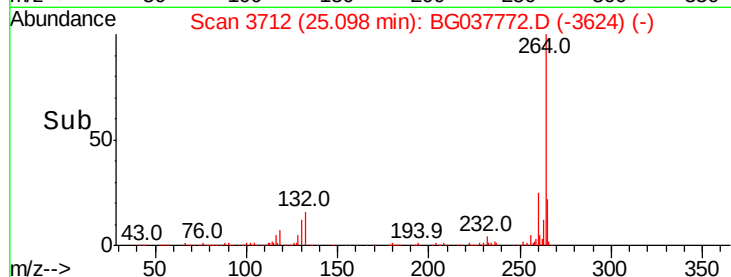
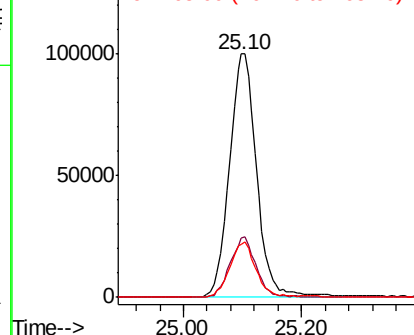
Tot Ion:	264	Resp:	322169
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.2	27.4
265	21.7	17.9	26.9

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM



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



#88

Benzo(b)fluoranthene

Concen: 45.553 ng

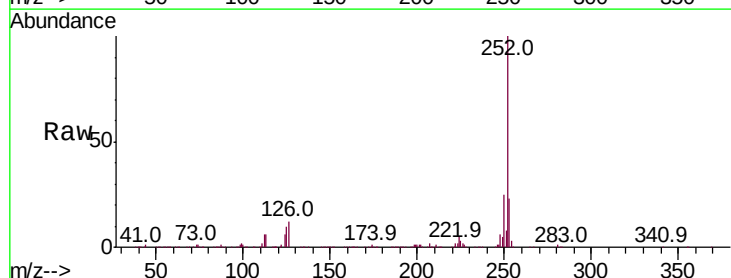
RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

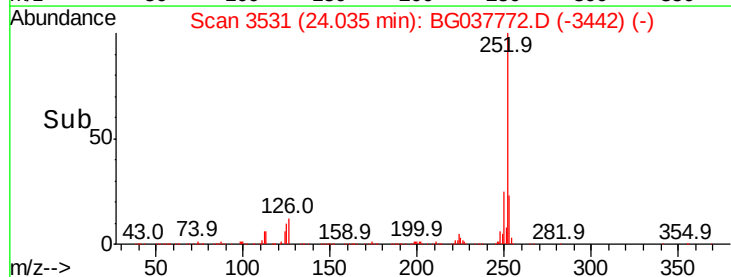
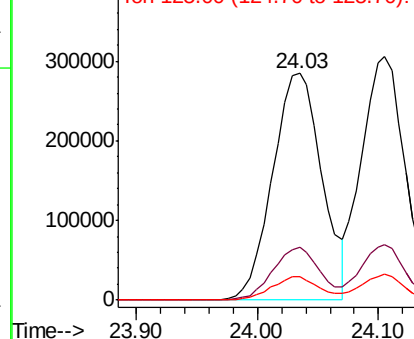
Lab File: BG037772.D

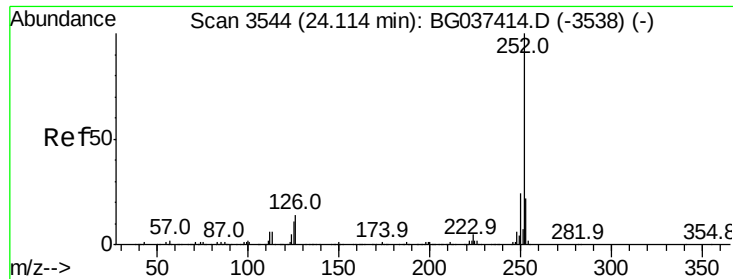
Acq: 3 Nov 2018 2:32

Tgt Ion:	252	Resp:	804577
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.2	27.2
125	10.5	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





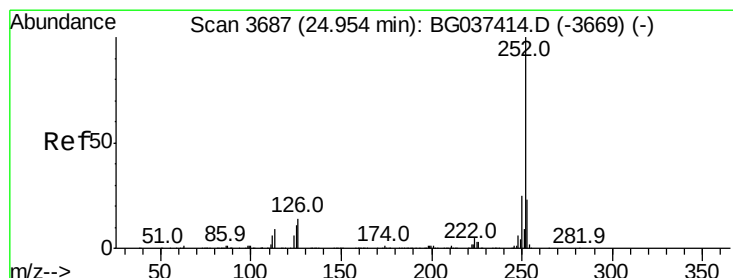
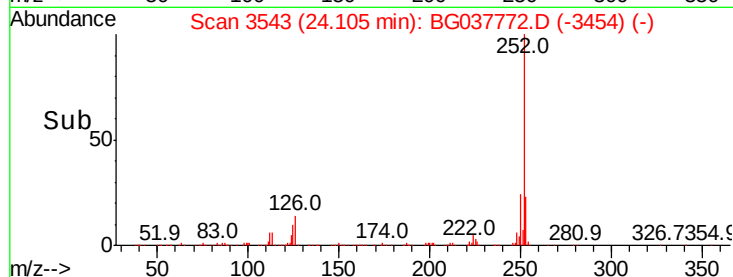
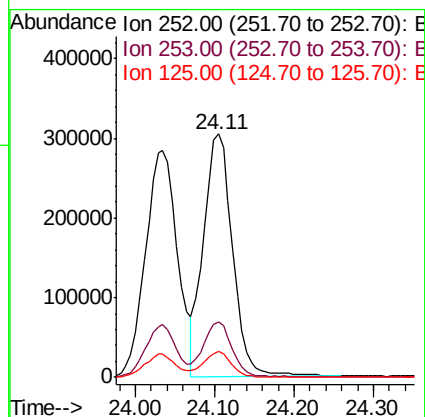
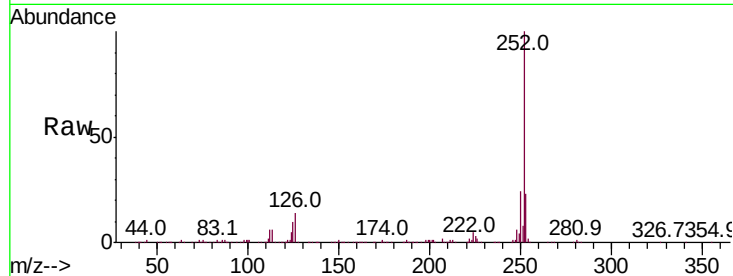
#89
Benzo(k)fluoranthene
Concen: 44.811 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.4	7.4	11.0

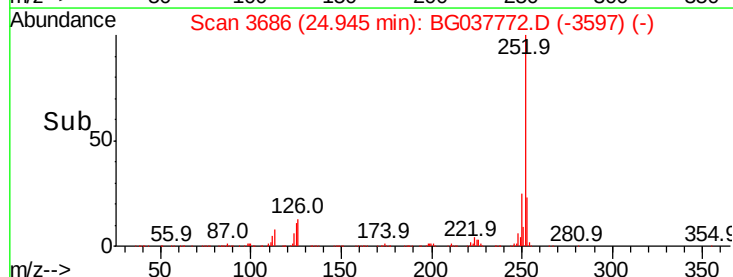
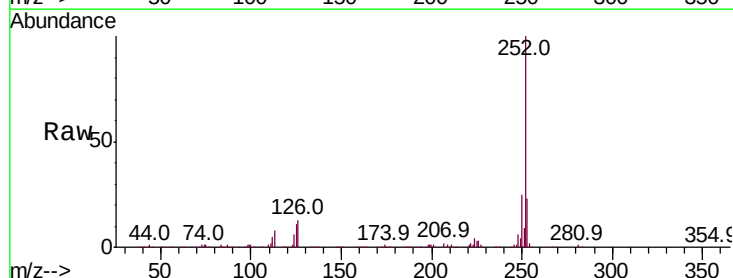
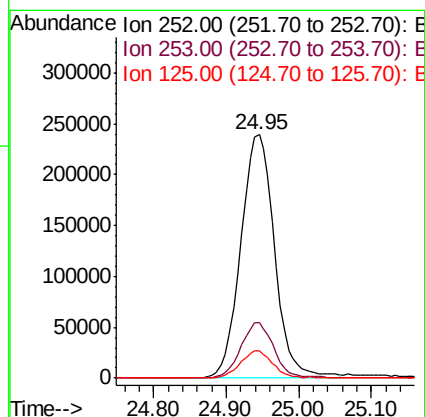
Manual Integrations
APPROVED

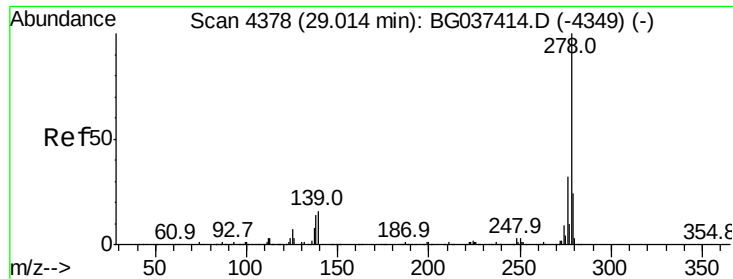
Sohil
11/5/2018 9:49:45 AM



#90
Benzo(a)pyrene
Concen: 46.038 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	11.3	9.0	13.6





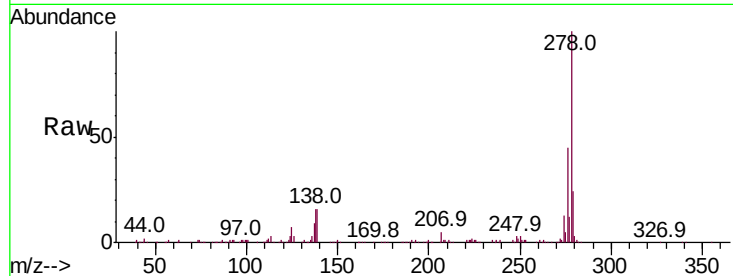
#91
Dibenzo(a,h)anthracene
Concen: 39.085 ng
RT: 28.99 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Instrument :
BNA_G
ClientSampleId :
PB114415BS

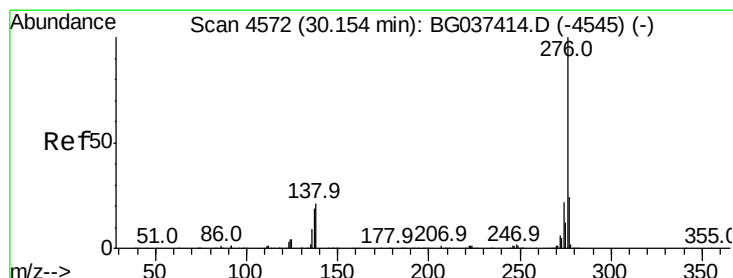
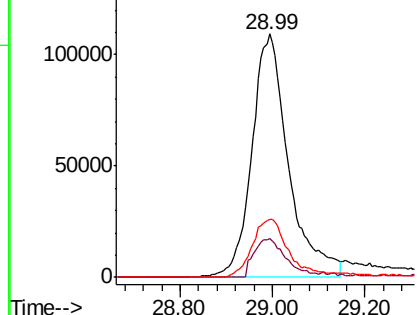
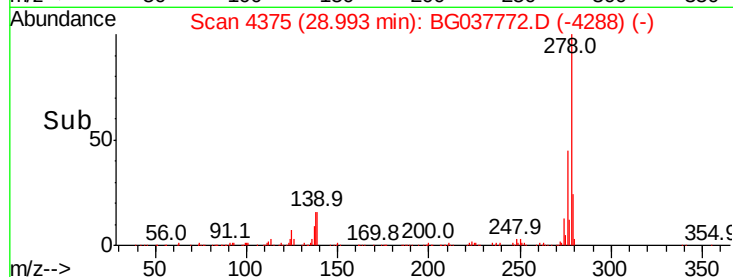
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.5	17.3
279	23.7	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/5/2018 9:49:45 AM

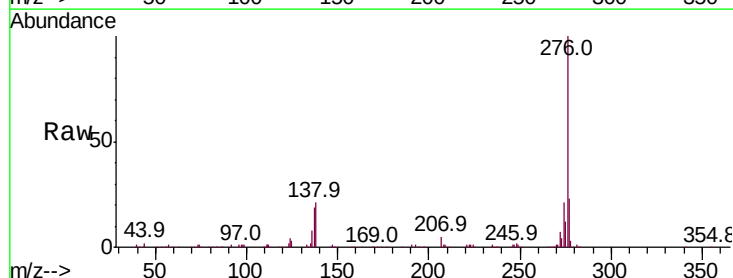


Abundance Ion 278.00 (277.70 to 278.70): E
150000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.412 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037772.D
Acq: 3 Nov 2018 2:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	20.8	17.2	25.8



Abundance Ion 276.00 (275.70 to 276.70): E
150000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

