

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036993.D
 Acq On : 26 Sep 2018 22:25
 Operator : JU/SJ
 Sample : PB113238BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BS

Manual Integrations
 APPROVED

Sohil
 9/27/2018 1:37:45 PM

Quant Time: Sep 27 08:41:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41971	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	171294	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	110054	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	277400	20.00	ng	0.00
75) Chrysene-d12	21.69	240	290550	20.00	ng	0.00
86) Perylene-d12	24.89	264	299107	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	329582	150.60	ng	0.00
7) Phenol-d6	7.21	99	465865	137.59	ng	0.00
23) Nitrobenzene-d5	9.21	82	301370	94.22	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	193942	147.29	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	657685	89.01	ng	-0.01
78) Terphenyl-d14	20.02	244	1139947	103.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	40747	40.689	ng	96
3) Pyridine	3.92	79	116586	40.320	ng	92
4) n-Nitrosodimethylamine	3.84	42	69569	54.132	ng	# 92
6) Aniline	7.37	93	161238	36.699	ng	97
8) 2-Chlorophenol	7.61	128	130405	51.318	ng	93
9) Benzaldehyde	7.18	77	82221	36.748	ng	98
10) Phenol	7.23	94	177137	50.690	ng	92
11) bis(2-Chloroethyl)ether	7.46	93	133690	41.358	ng	99
12) 1,3-Dichlorobenzene	7.93	146	134311	43.112	ng	96
13) 1,4-Dichlorobenzene	8.08	146	137326	43.074	ng	99
14) 1,2-Dichlorobenzene	8.39	146	132230	42.799	ng	97
15) Benzyl Alcohol	8.28	79	122727	44.670	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	270464	43.582	ng	97
17) 2-Methylphenol	8.48	107	116885	48.018	ng	98
18) Hexachloroethane	9.12	117	53368	45.488	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	113553	40.313	ng	96
20) 3+4-Methylphenols	8.81	107	162601	48.017	ng	98
22) Acetophenone	8.86	105	197045	48.951	ng	98
24) Nitrobenzene	9.25	77	169073	49.496	ng	97
25) Isophorone	9.76	82	318323	54.463	ng	100
26) 2-Nitrophenol	9.96	139	72814	53.478	ng	96
27) 2,4-Dimethylphenol	10.02	122	124642	58.768	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	180524	50.055	ng	97
29) 2,4-Dichlorophenol	10.49	162	135861	55.259	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	141144	45.873	ng	98
31) Naphthalene	10.90	128	412290	50.586	ng	100
32) Benzoic acid	10.15	122	44493m	29.880	ng	
33) 4-Chloroaniline	11.01	127	102743	27.726	ng	96
34) Hexachlorobutadiene	11.18	225	96923	45.551	ng	96
35) Caprolactam	11.79	113	51392m	50.786	ng	
36) 4-Chloro-3-methylphenol	12.13	107	162268	55.313	ng	98
37) 2-Methylnaphthalene	12.50	142	317456	51.141	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	181164	47.197	ng	98
40) Hexachlorocyclopentadiene	12.84	237	212988	107.889	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036993.D
 Acq On : 26 Sep 2018 22:25
 Operator : JU/SJ
 Sample : PB113238BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BS

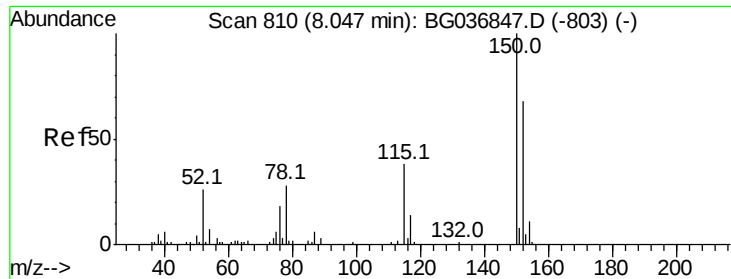
Manual Integrations
 APPROVED

Sohil
 9/27/2018 1:37:45 PM

Quant Time: Sep 27 08:41:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	116445	54.630	nq	95
43) 2,4,5-Trichlorophenol	13.18	196	129056	56.781	nq	97
45) 1,1'-Biphenyl	13.50	154	418947	49.705	nq	99
46) 2-Chloronaphthalene	13.55	162	318859	48.105	nq	99
47) 2-Nitroaniline	13.75	65	123070	53.680	nq	94
48) Acenaphthylene	14.39	152	543558	52.332	nq	99
49) Dimethylphthalate	14.12	163	429653	48.501	nq	100
50) 2,6-Dinitrotoluene	14.24	165	96003	49.671	nq	99
51) Acenaphthene	14.73	154	311092	49.557	nq	99
52) 3-Nitroaniline	14.58	138	76317	37.471	nq	99
53) 2,4-Dinitrophenol	14.78	184	34661	42.256	nq	# 86
54) Dibenzofuran	15.07	168	513929	48.401	nq	99
55) 4-Nitrophenol	14.88	139	144803	111.291	nq	93
56) 2,4-Dinitrotoluene	15.03	165	137780	51.087	nq	97
57) Fluorene	15.72	166	416090	52.428	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	131773	57.151	nq	98
59) Diethylphthalate	15.48	149	438796	49.111	nq	99
60) 4-Chlorophenyl-phenylether	15.70	204	231252	46.011	nq	99
61) 4-Nitroaniline	15.74	138	107659	50.254	nq	96
62) Azobenzene	16.00	77	443434	51.652	nq	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	51732	35.670	nq	98
65) n-Nitrosodiphenylamine	15.92	169	380262	49.654	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	150510	47.701	nq	98
67) Hexachlorobenzene	16.72	284	151957	46.760	nq	99
68) Atrazine	16.87	200	162760	52.488	nq	98
69) Pentachlorophenol	17.06	266	160631	78.509	nq	96
70) Phenanthrene	17.45	178	706167	52.826	nq	99
71) Anthracene	17.55	178	717882	54.310	nq	99
72) Carbazole	17.82	167	649442	50.392	nq	98
73) Di-n-butylphthalate	18.37	149	746321	52.145	nq	99
74) Fluoranthene	19.46	202	874760	54.363	nq	99
76) Benzidine	19.65	184	418933	47.697	nq	98
77) Pyrene	19.82	202	861889	49.433	nq	99
79) Butylbenzylphthalate	20.70	149	357935	51.504	nq	100
80) Benzo(a)anthracene	21.66	228	869562	51.269	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	234345	36.299	nq	97
82) Chrysene	21.73	228	827091	50.471	nq	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	490728	50.546	nq	99
84) Di-n-octyl phthalate	22.77	149	831009	51.988	nq	100
85) Indeno(1,2,3-cd)pyrene	28.54	276	976086	55.467	nq	99
87) Benzo(b)fluoranthene	23.87	252	860282	53.970	nq	97
88) Benzo(k)fluoranthene	23.94	252	824258	51.541	nq	99
89) Benzo(a)pyrene	24.74	252	831624	53.965	nq	100
90) Dibenzo(a,h)anthracene	28.60	278	774793	53.645	nq	95
91) Benzo(g,h,i)perylene	29.68	276	807127	55.683	nq	98

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



#1

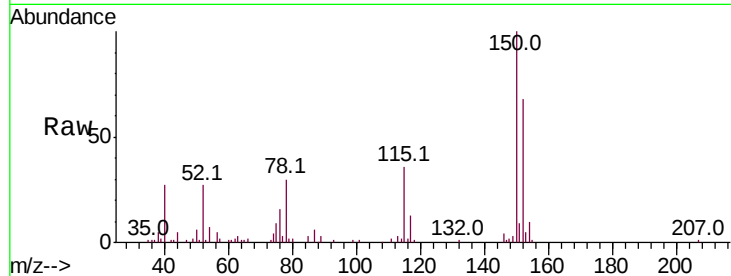
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	119.5	179.3
115	52.9	44.5	66.7

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM

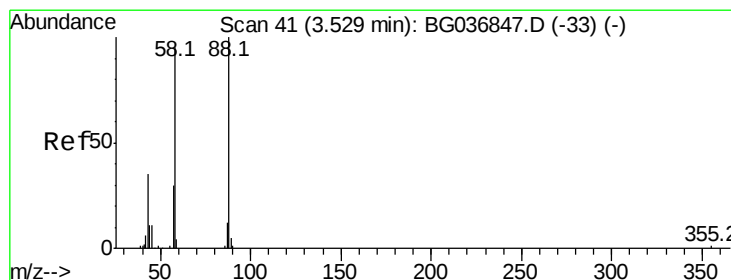
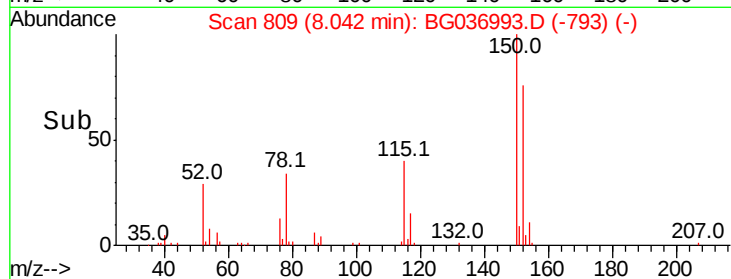
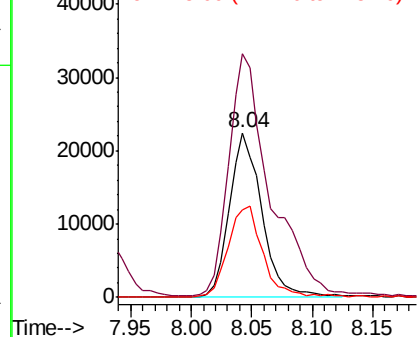


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

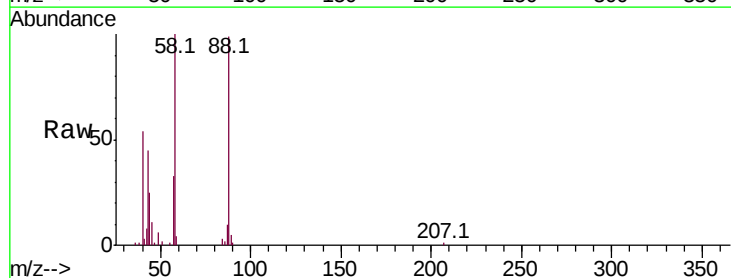
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.689 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.9	72.6	109.0
43	38.0	29.0	43.4

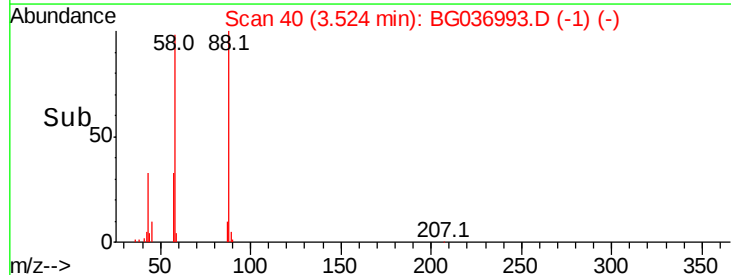
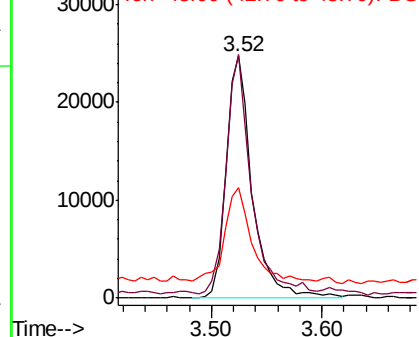


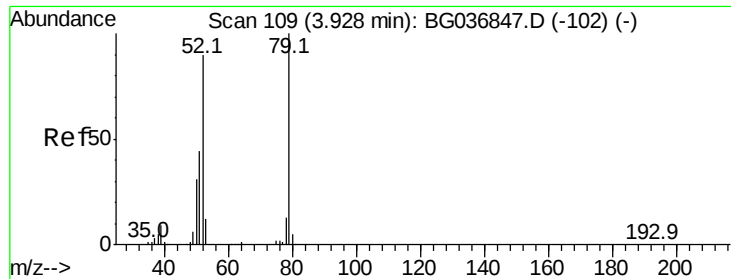
Abundance

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: 40.320 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

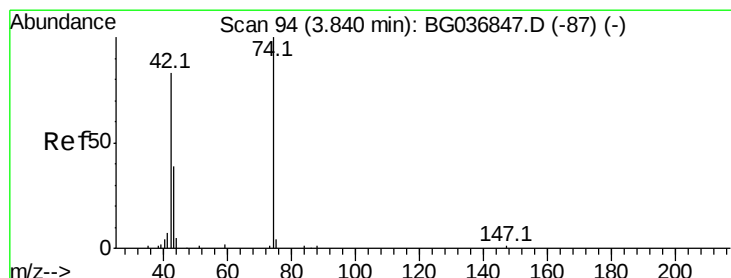
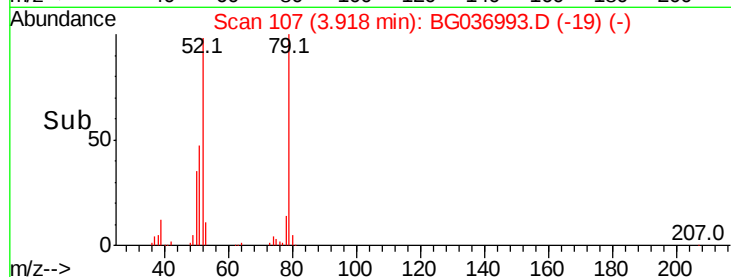
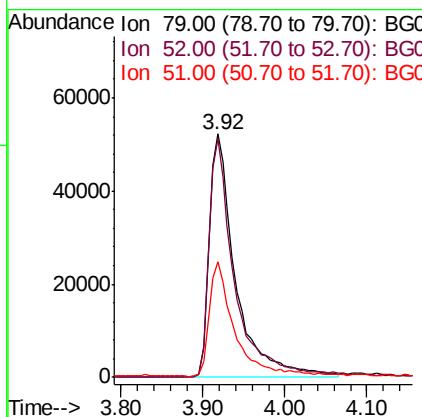
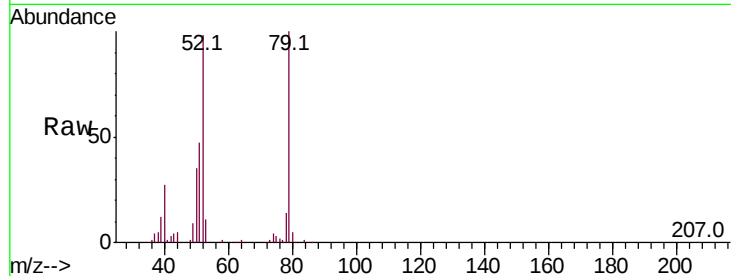
ClientSampleId :

PB113238BS

Tot Ion:	79	Resp:	116586
Ion Ratio	Lower	Upper	
79	100		
52	97.8	72.3	108.5
51	47.4	33.8	50.6

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM



#4

n-Nitrosodimethylamine

Concen: 54.132 ng

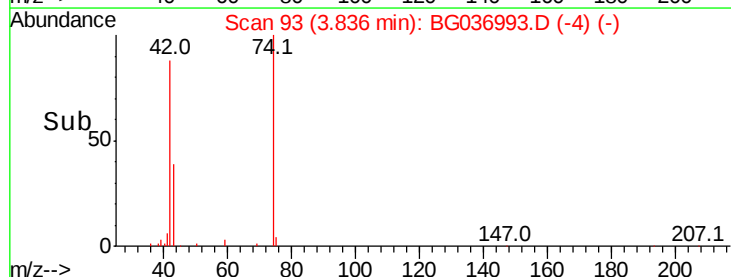
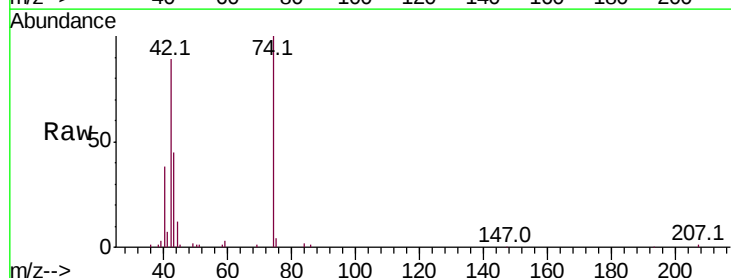
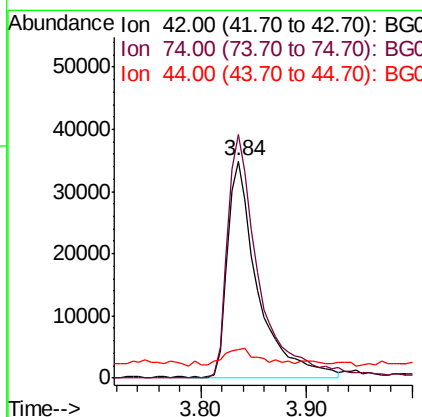
RT: 3.84 min Scan# 93

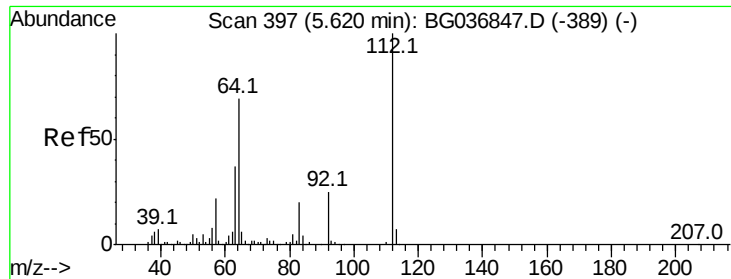
Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Tgt Ion:	42	Resp:	69569
Ion Ratio	Lower	Upper	
42	100		
74	112.1	96.6	145.0
44	13.1	7.0	10.4





#5

2-Fluorophenol

Concen: 150.596 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

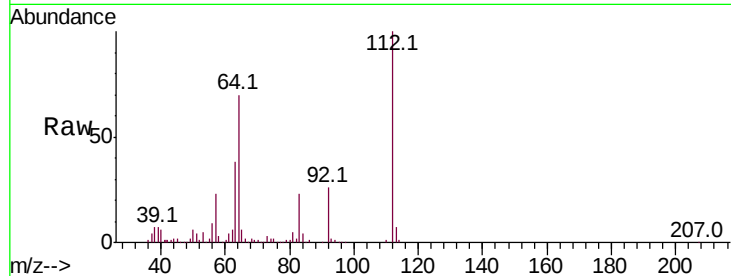
ClientSampleId :

PB113238BS

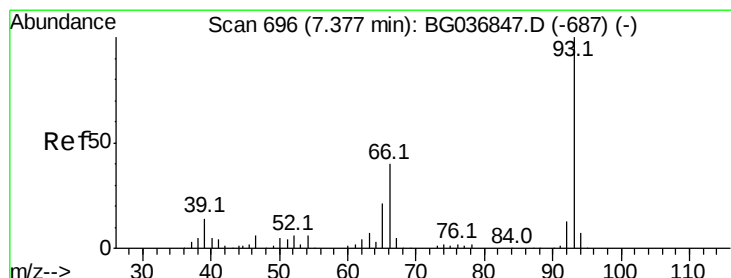
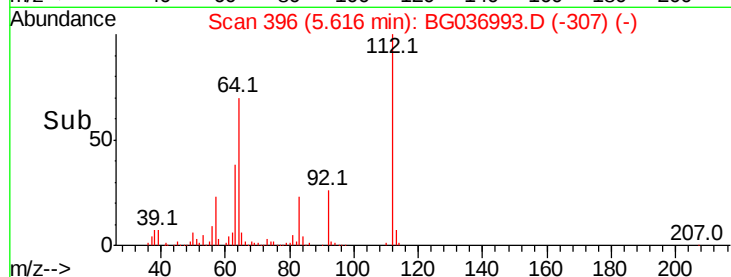
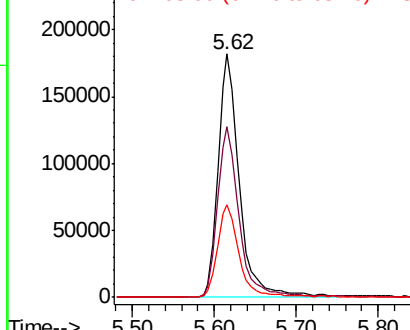
Tot Ion:	112	Resp:	329582
Ion Ratio	Lower	Upper	
112	100		
64	70.0	57.2	85.8
63	37.9	30.8	46.2

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM



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



#6

Aniline

Concen: 36.699 ng

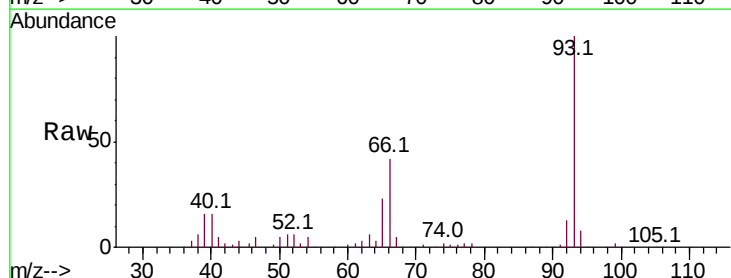
RT: 7.37 min Scan# 695

Delta R.T. -0.00 min

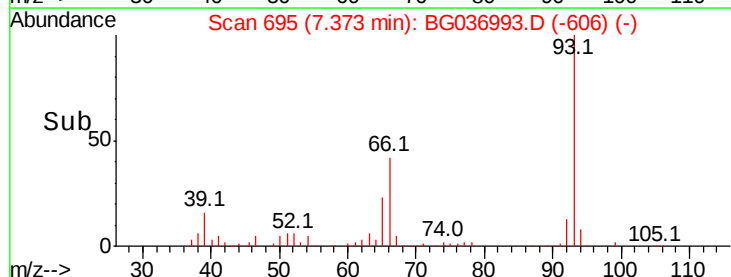
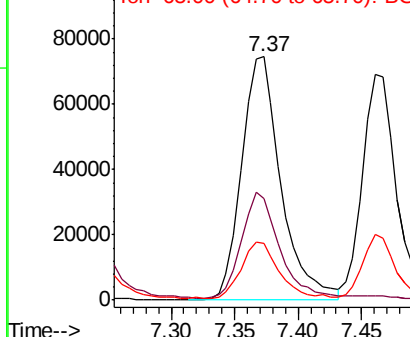
Lab File: BG036993.D

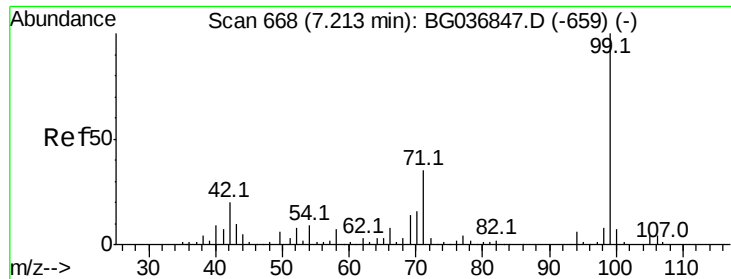
Acq: 26 Sep 2018 22:25

Tgt Ion:	93	Resp:	161238
Ion Ratio	Lower	Upper	
93	100		
66	41.8	35.0	52.4
65	23.4	17.6	26.4



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





#7

Phenol-d6

Concen: 137.585 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

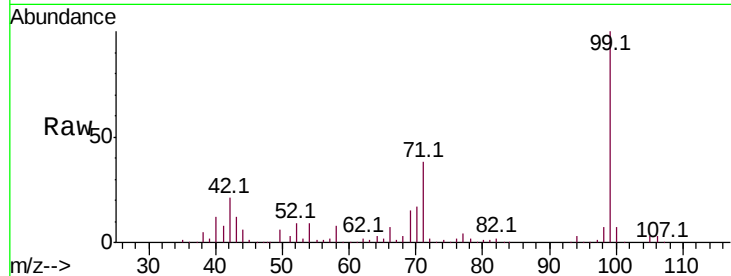
ClientSampleId :

PB113238BS

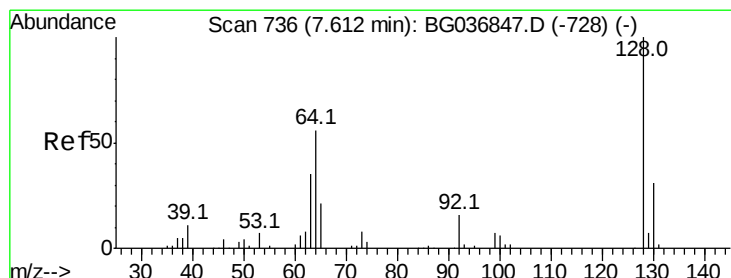
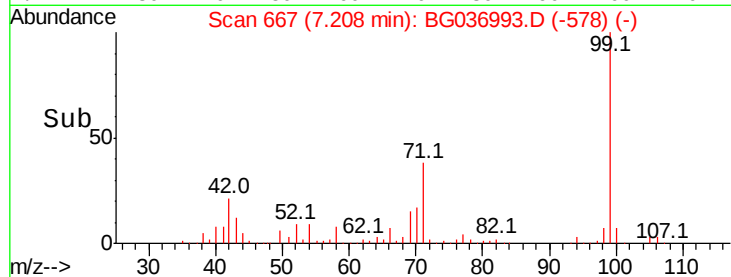
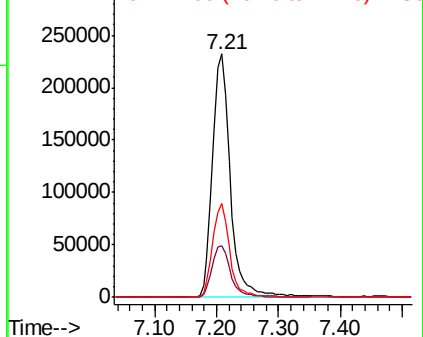
Tot Ion:	99	Resp:	465865
Ion Ratio	Lower	Upper	
99	100		
42	21.3	16.5	24.7
71	38.4	29.4	44.2

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM



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: 51.318 ng

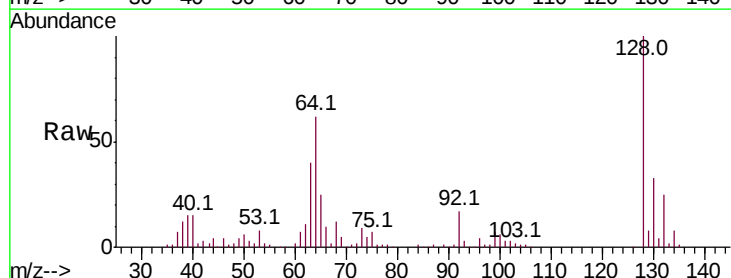
RT: 7.61 min Scan# 735

Delta R.T. -0.00 min

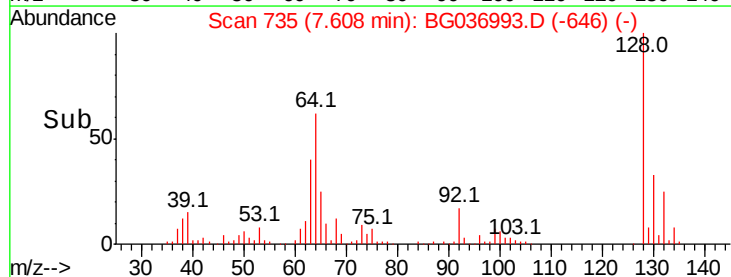
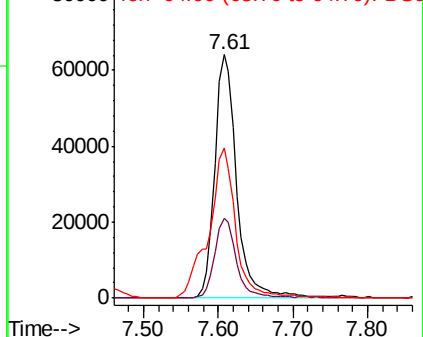
Lab File: BG036993.D

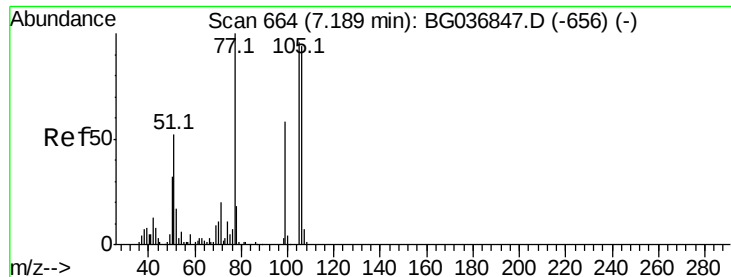
Acq: 26 Sep 2018 22:25

Tgt Ion:	128	Resp:	130405
Ion Ratio	Lower	Upper	
128	100		
130	32.9	10.0	50.0
64	61.8	36.0	76.0



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: 36.748 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleID :

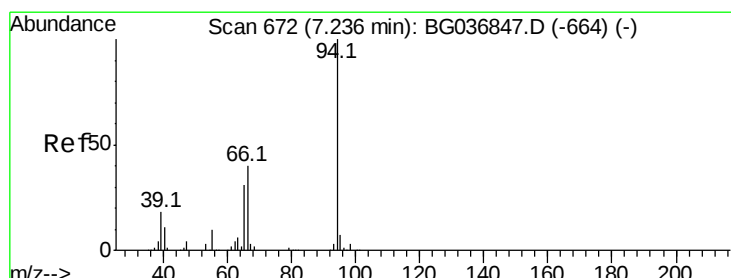
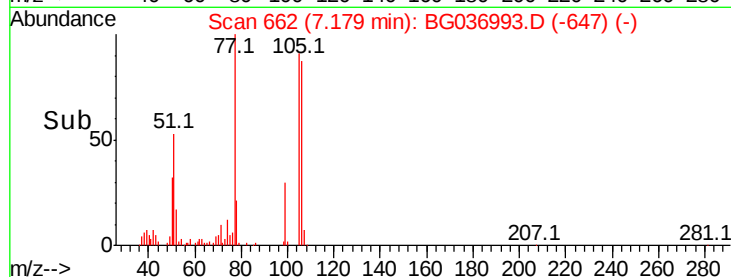
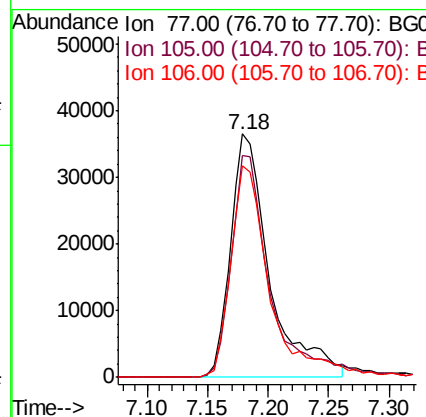
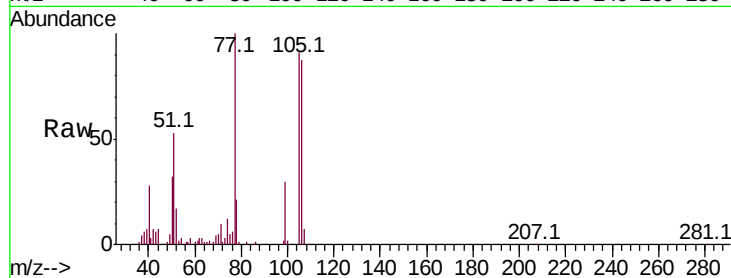
PB113238BS

Tot Ion:	77	Resp:	82221
Ion	Ratio	Lower	Upper
77	100		
105	90.9	70.5	110.5
106	87.0	69.8	109.8

Manual Integrations
APPROVED

Sohil

9/27/2018 1:37:45 PM



#10

Phenol

Concen: 50.690 ng

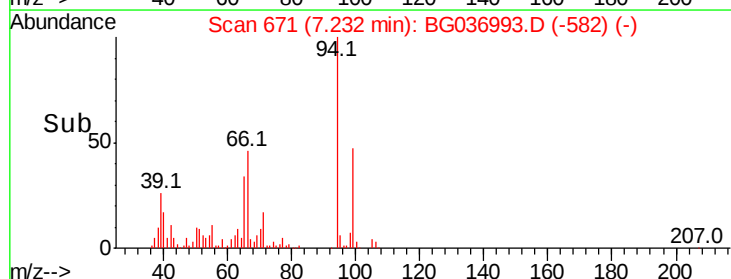
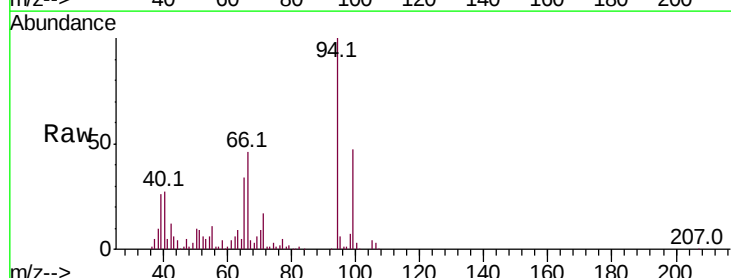
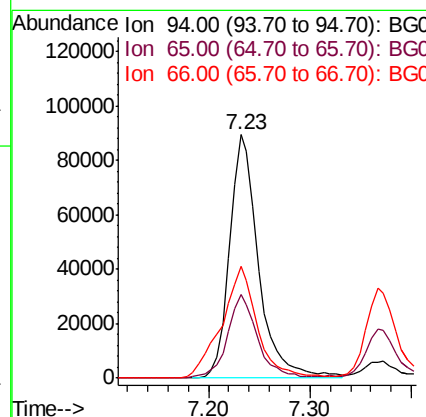
RT: 7.23 min Scan# 671

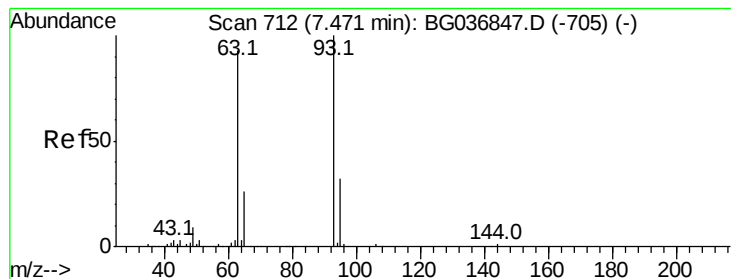
Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Tgt Ion:	94	Resp:	177137
Ion	Ratio	Lower	Upper
94	100		
65	34.3	11.5	51.5
66	45.8	19.5	59.5





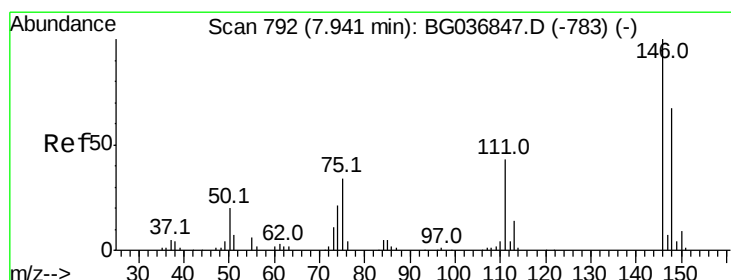
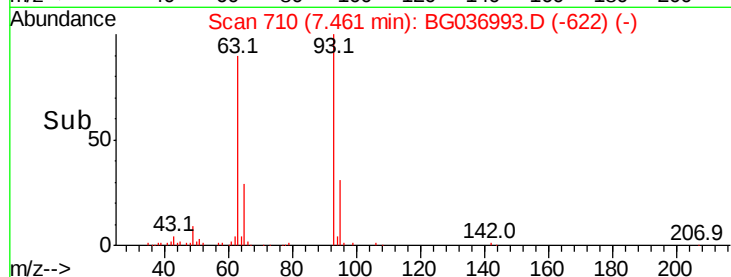
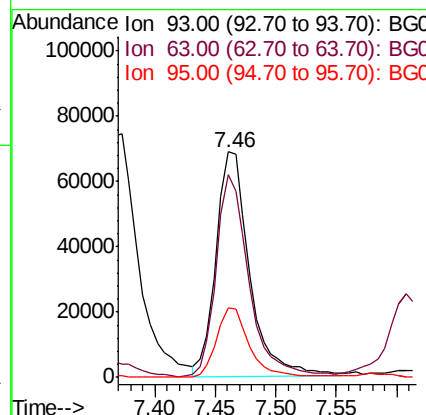
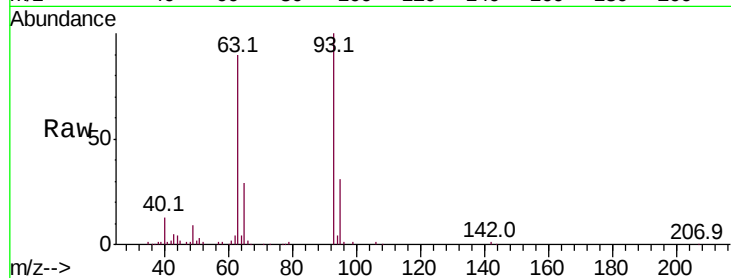
#11
bis(2-Chloroethyl)ether
Concen: 41.358 ng
RT: 7.46 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleID :
PB113238BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.7	69.9	109.9
95	30.9	11.7	51.7

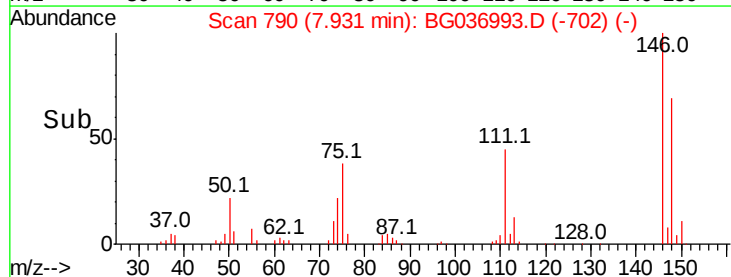
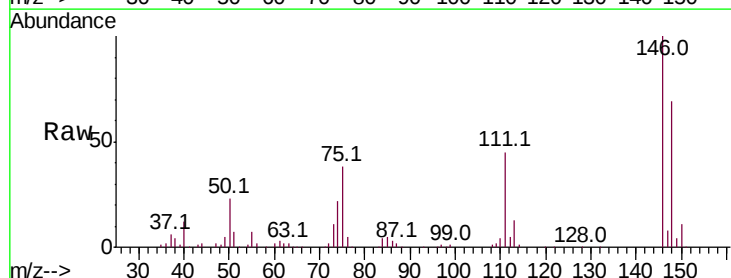
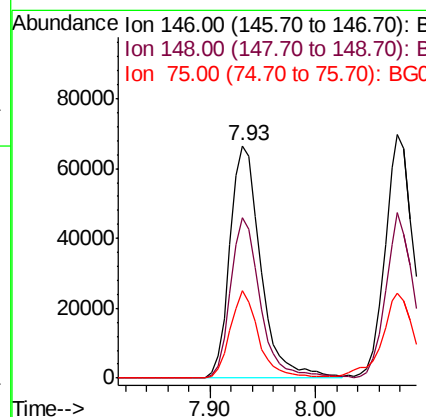
Manual Integrations
APPROVED

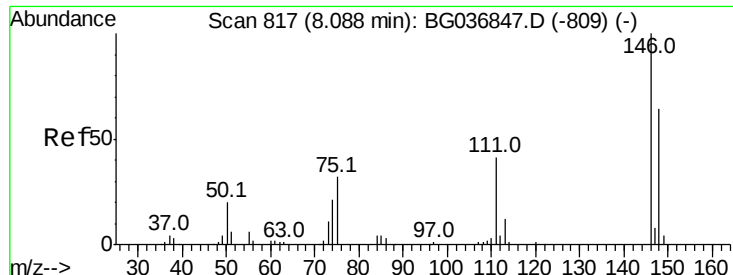
Sohil
9/27/2018 1:37:45 PM



#12
1,3-Dichlorobenzene
Concen: 43.112 ng
RT: 7.93 min Scan# 790
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.1	53.8	80.6
75	37.8	27.2	40.8





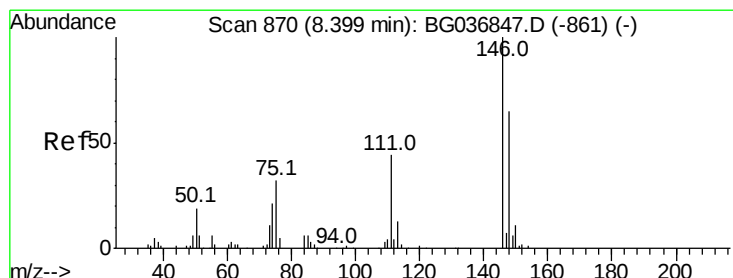
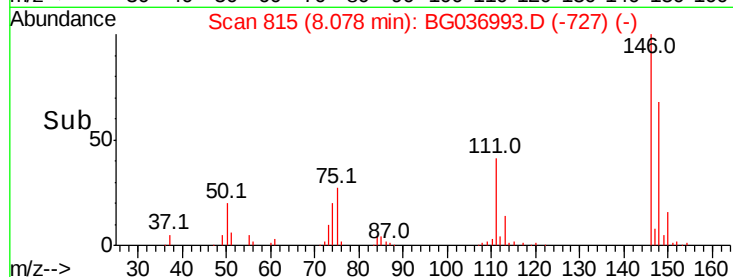
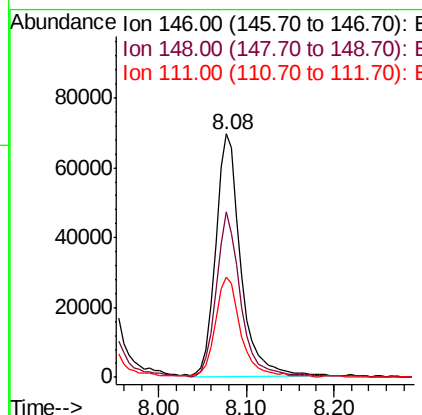
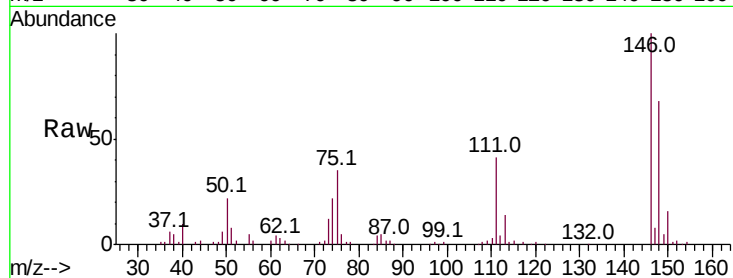
#13
 1,4-Dichlorobenzene
 Concen: 43.074 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.7	53.9	80.9
111	41.1	33.8	50.6

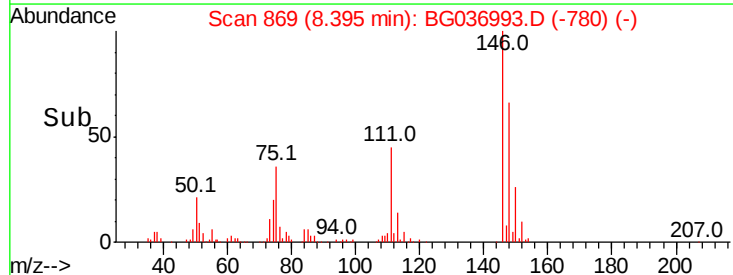
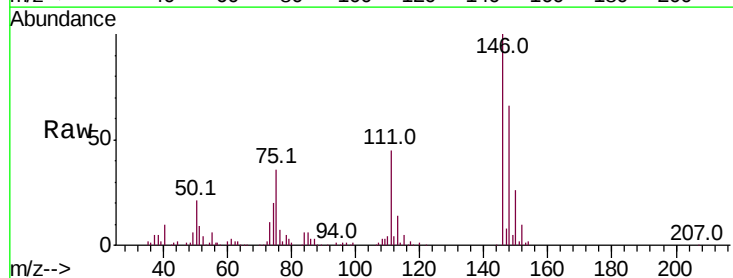
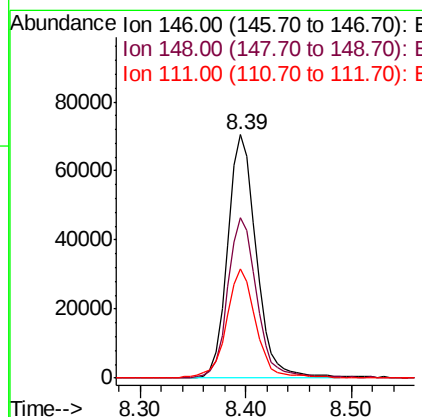
Manual Integrations
 APPROVED

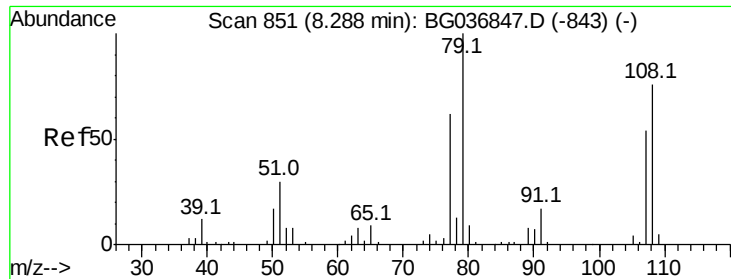
Sohil
 9/27/2018 1:37:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.799 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	55.0	82.6
111	44.7	34.6	51.8





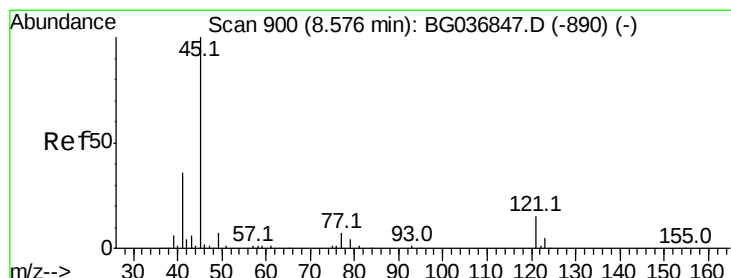
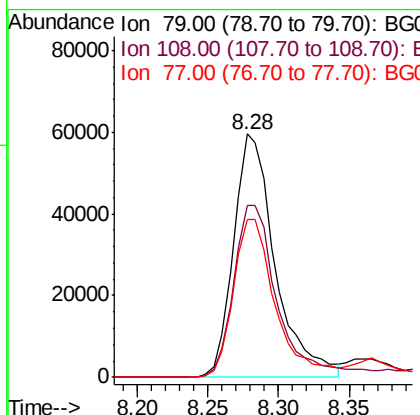
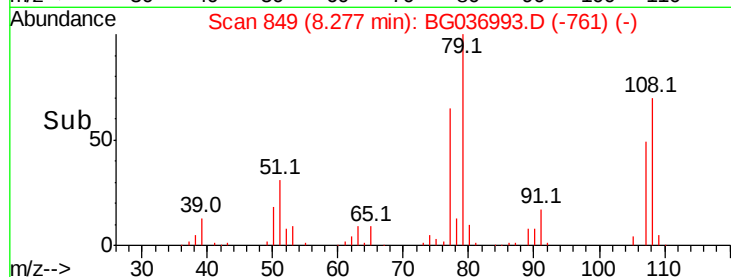
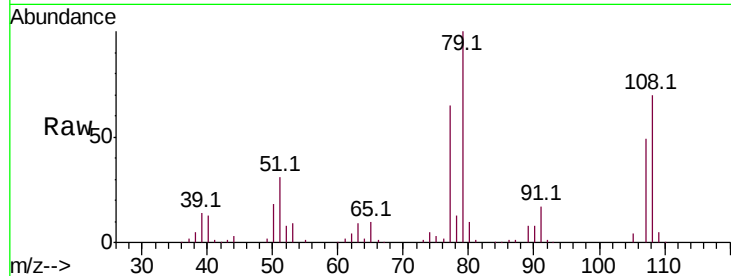
#15
Benzyl Alcohol
Concen: 44.670 ng
RT: 8.28 min Scan# 849
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	70.5	55.9	83.9	
77	65.0	50.0	75.0	

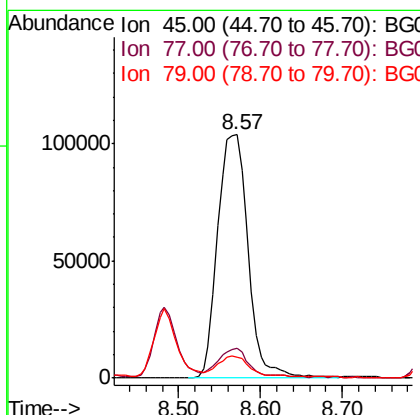
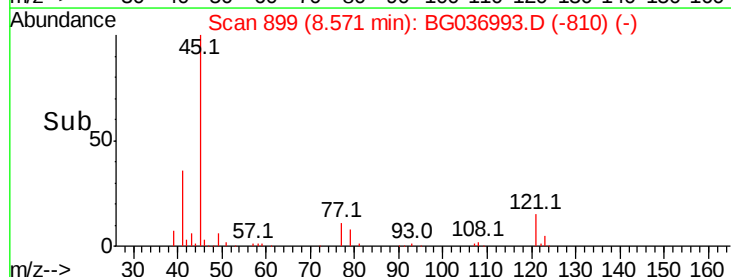
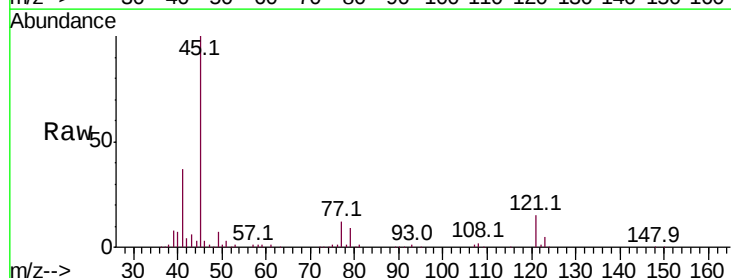
Manual Integrations
APPROVED

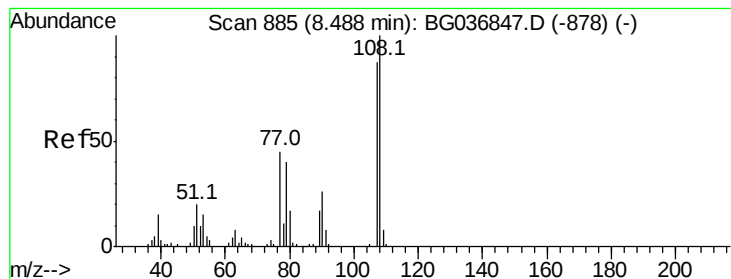
Sohil
9/27/2018 1:37:45 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.582 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.1	0.0	30.5	
79	8.7	0.0	27.9	





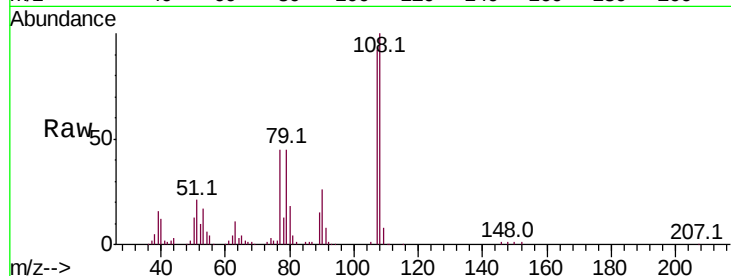
#17
2-Methylphenol
Concen: 48.018 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleID :
PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.3	86.7	130.1	
77	49.4	39.0	58.4	
79	49.0	36.6	54.8	

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM



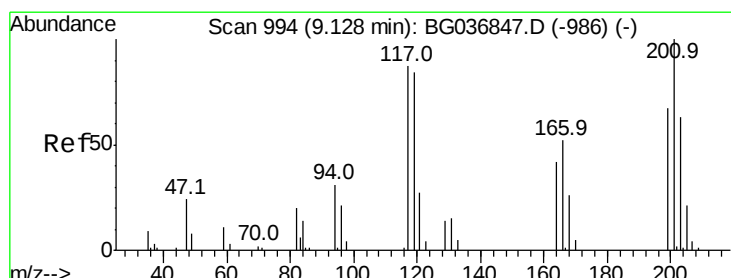
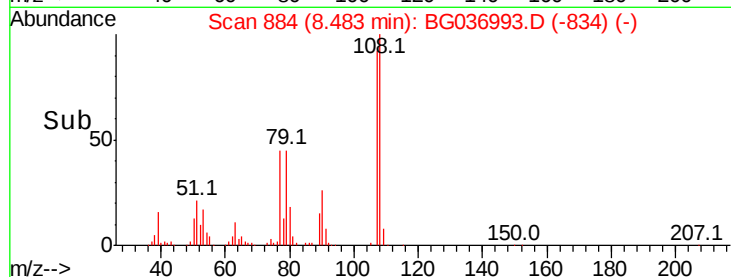
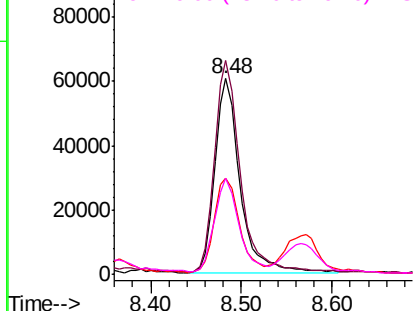
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

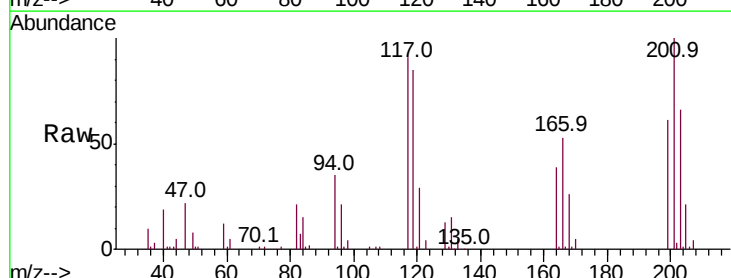
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.488 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	76.8	115.2	
201	109.9	85.7	128.5	

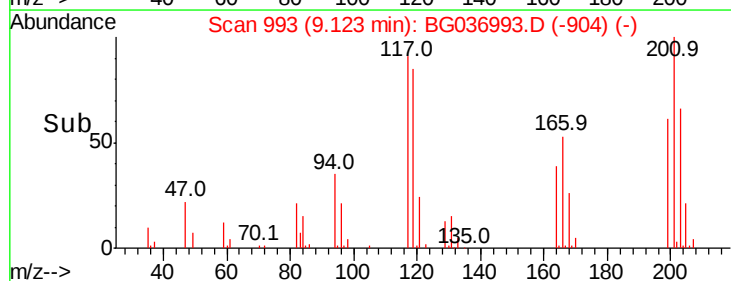
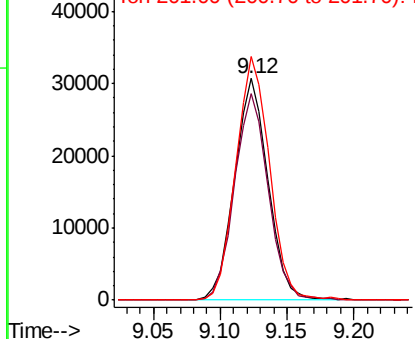


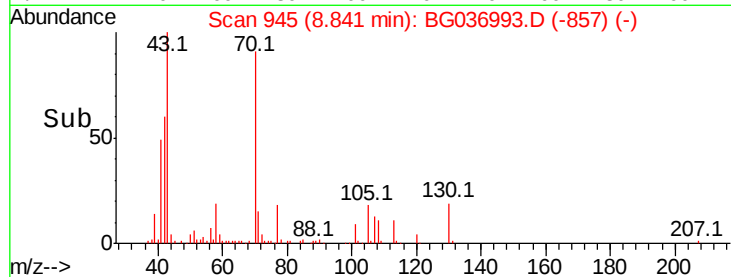
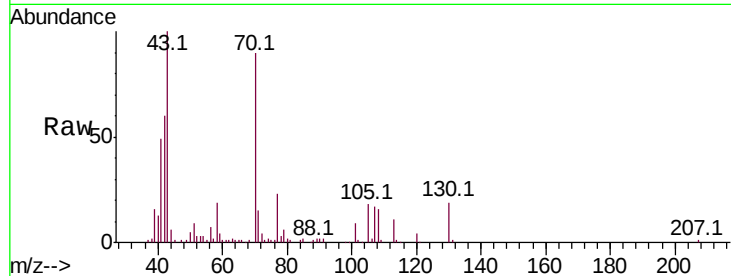
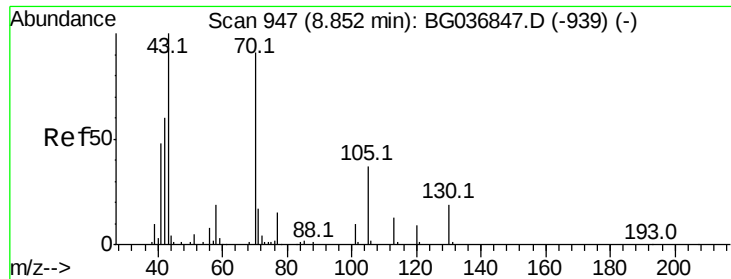
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





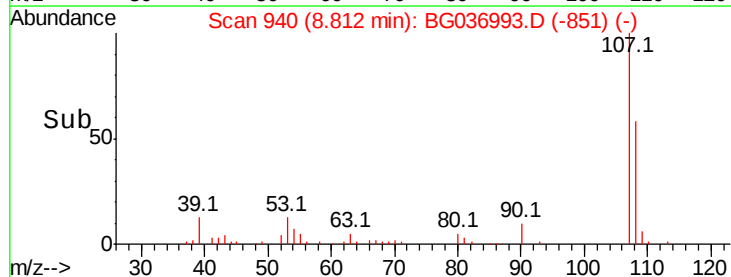
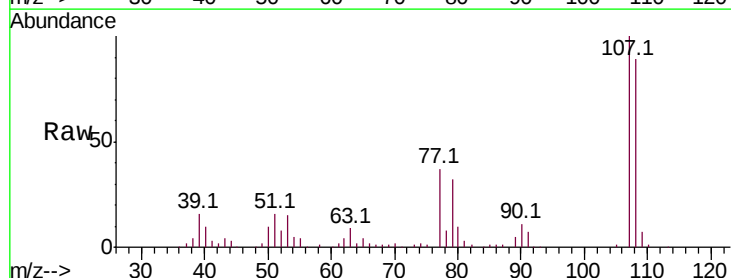
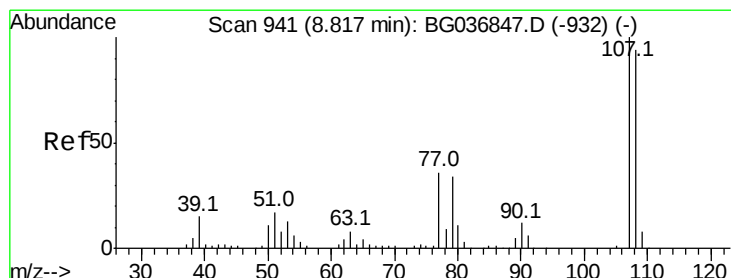
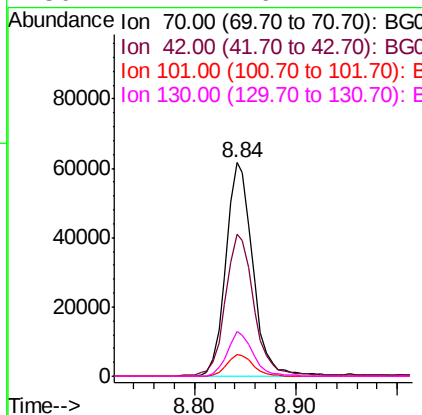
#19
n-Nitroso-di-n-propylamine
Concen: 40.313 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.4	56.2	84.4	
101	10.0	7.8	11.6	
130	21.1	16.2	24.2	

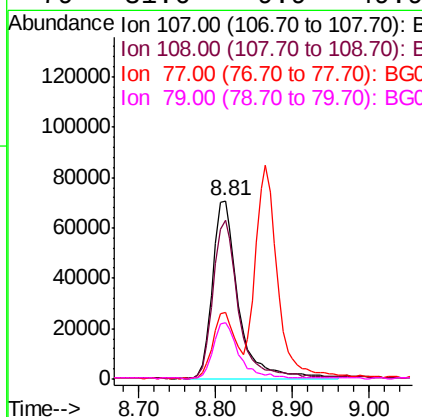
Manual Integrations
APPROVED

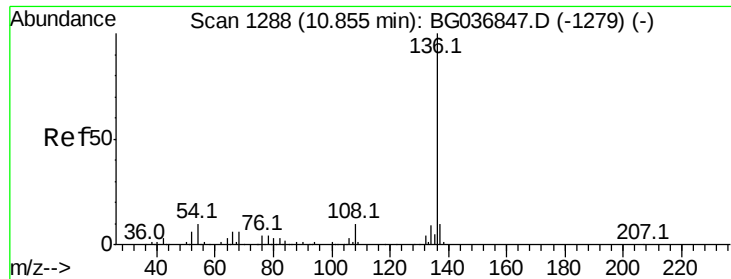
Sohil
9/27/2018 1:37:45 PM



#20
3+4-Methylphenols
Concen: 48.017 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	68.0	108.0	
77	37.4	15.6	55.6	
79	31.6	9.9	49.9	





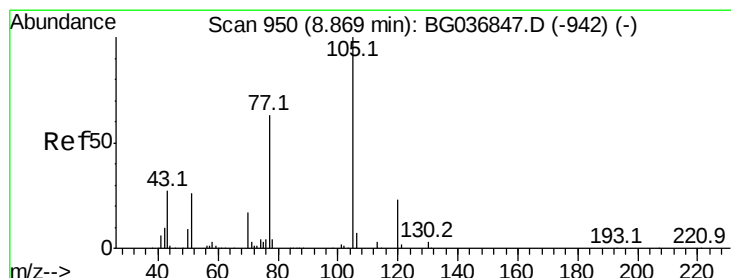
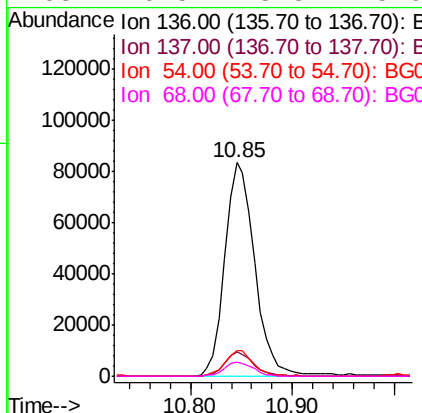
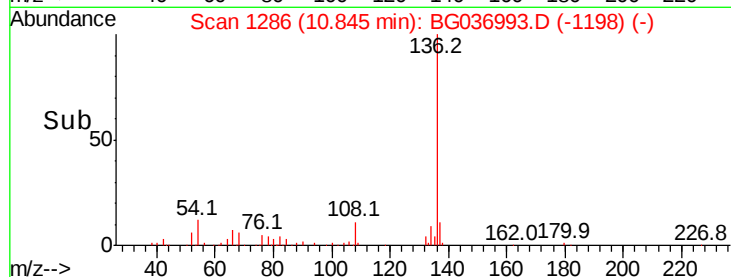
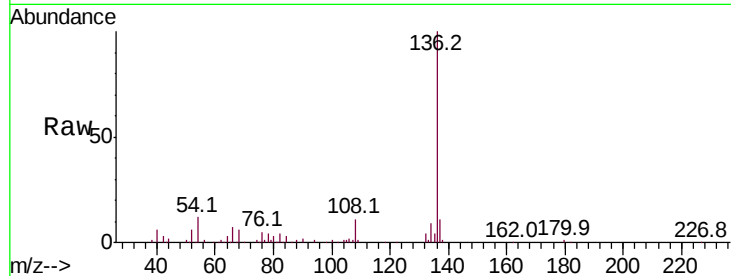
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	171294		
137	11.1	8.8	13.2	
54	12.2	9.2	13.8	
68	6.5	5.8	8.6	

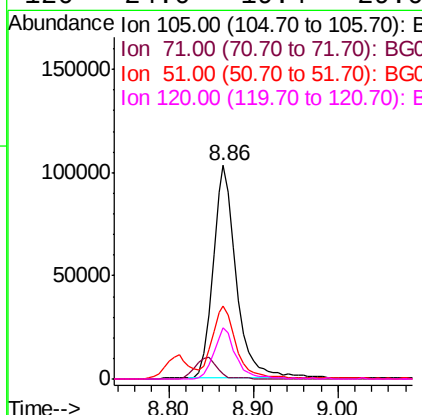
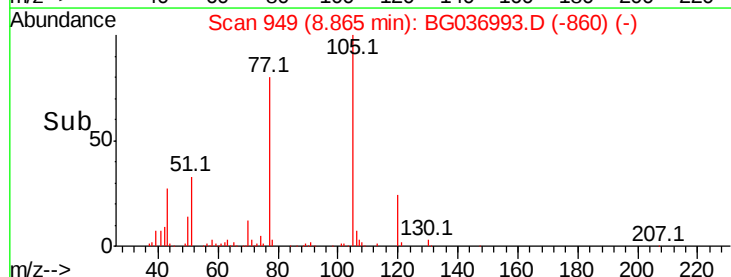
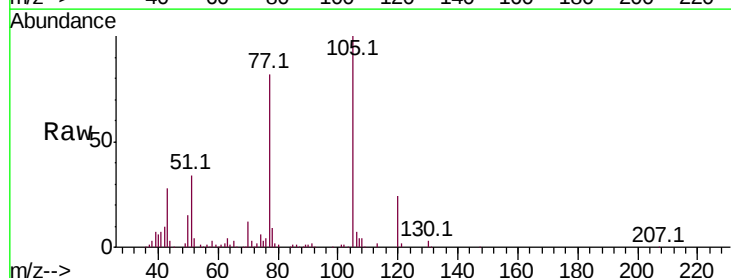
Manual Integrations
APPROVED

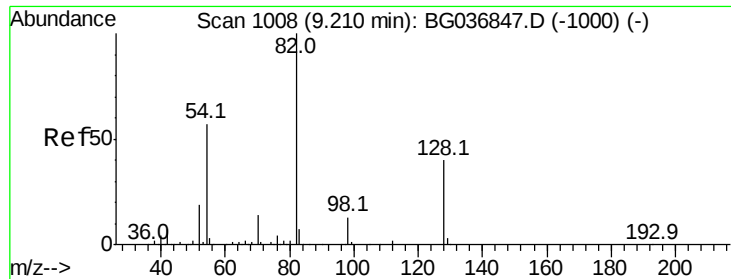
Sohil
9/27/2018 1:37:45 PM



#22
Acetophenone
Concen: 48.951 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	197045		
71	2.5	2.4	3.6	
51	33.9	25.9	38.9	
120	24.0	19.4	29.0	





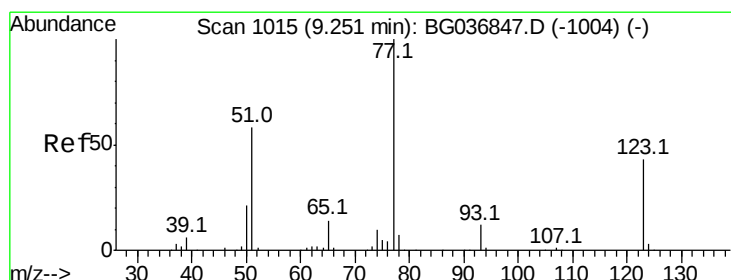
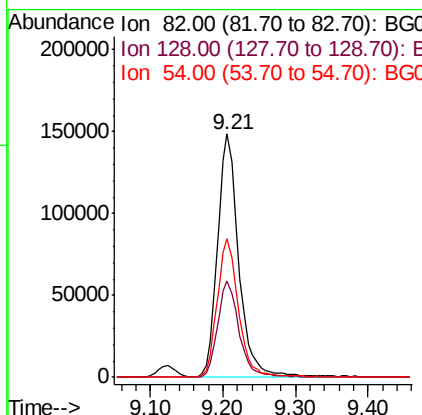
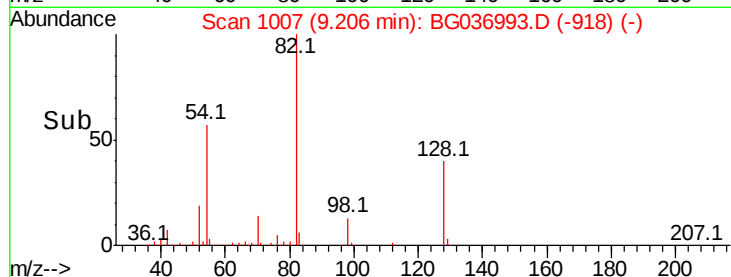
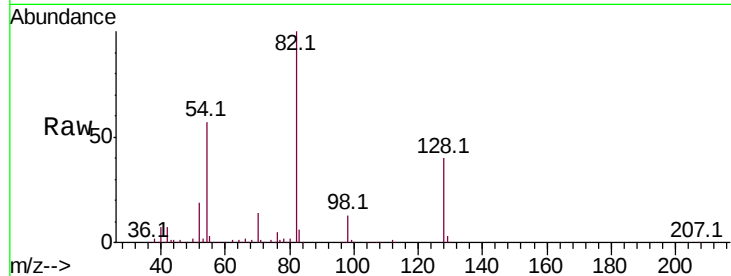
#23
Nitrobenzene-d5
Concen: 94.216 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	57.1	45.1	67.7

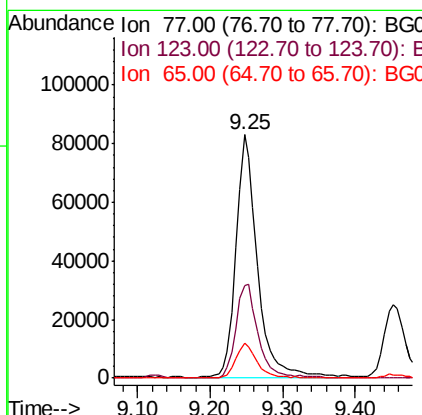
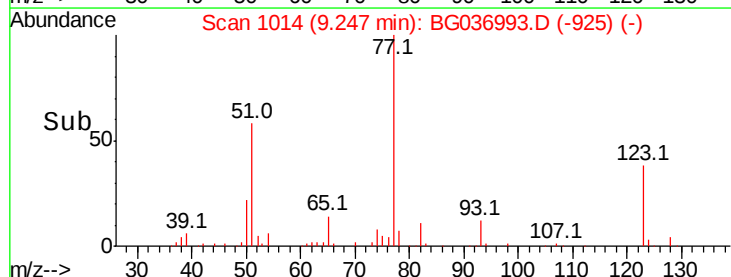
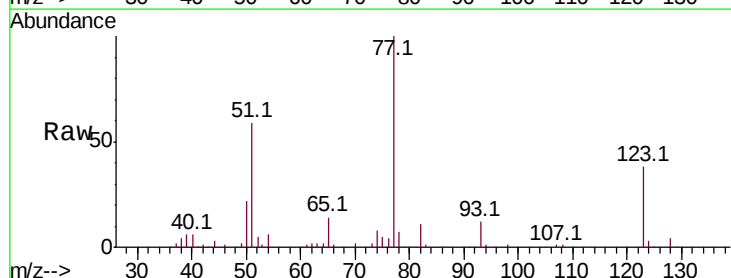
Manual Integrations
APPROVED

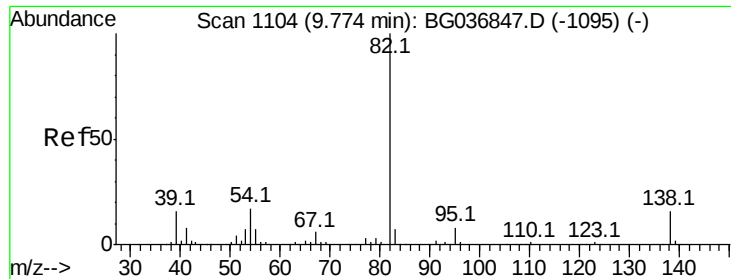
Sohil
9/27/2018 1:37:45 PM



#24
Nitrobenzene
Concen: 49.496 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.2	32.4	48.6
65	14.5	11.5	17.3





#25

Isophorone

Concen: 54.463 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

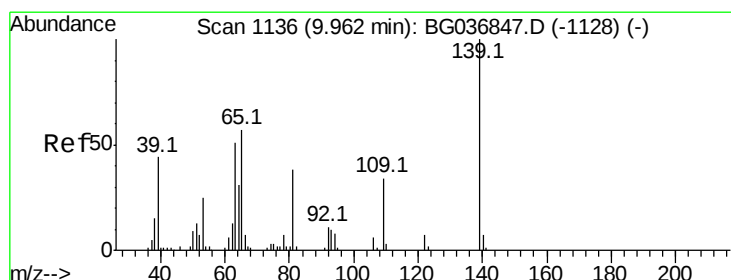
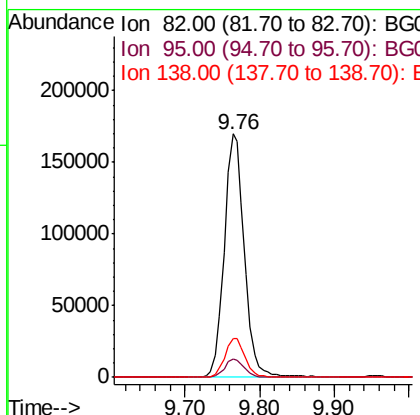
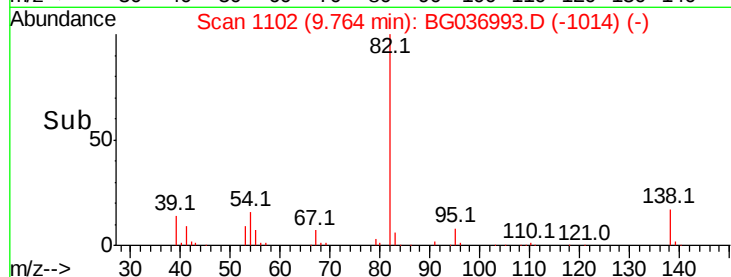
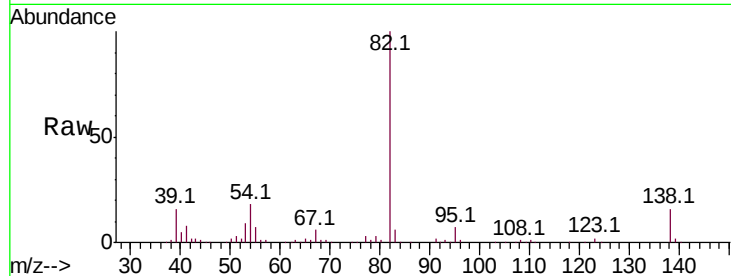
ClientSampleId :

PB113238BS

Tot Ion:	82	Resp:	318323
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.8
138	16.2	12.9	19.3

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM



#26

2-Nitrophenol

Concen: 53.478 ng

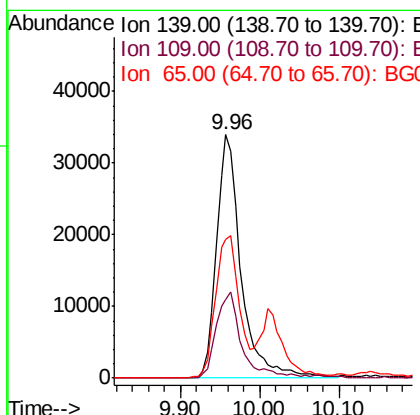
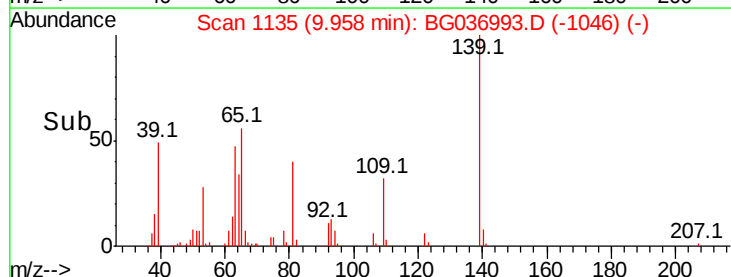
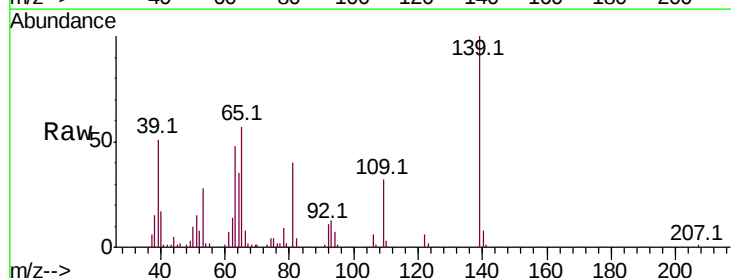
RT: 9.96 min Scan# 1135

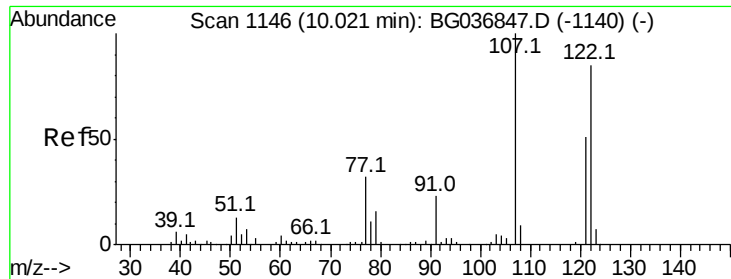
Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Tgt Ion:	139	Resp:	72814
Ion Ratio	Lower	Upper	
139	100		
109	32.3	27.4	41.0
65	56.7	47.8	71.6





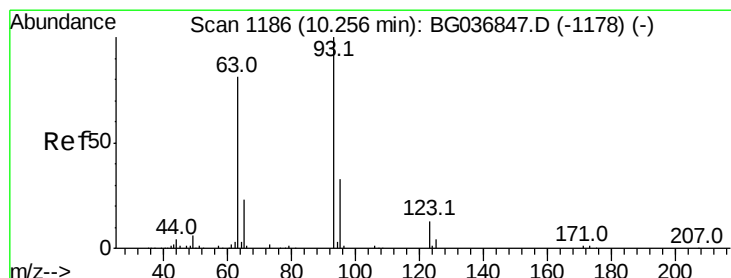
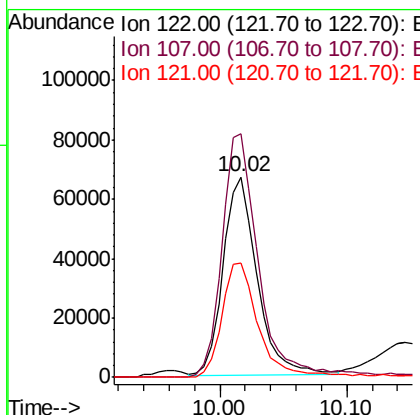
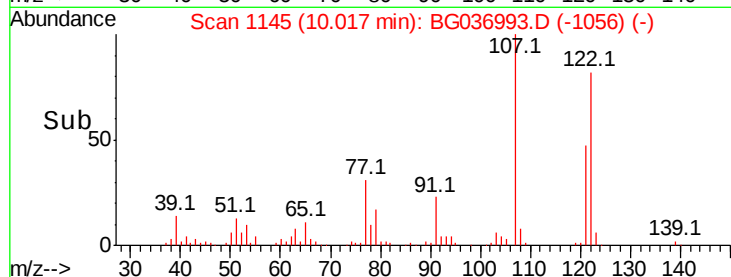
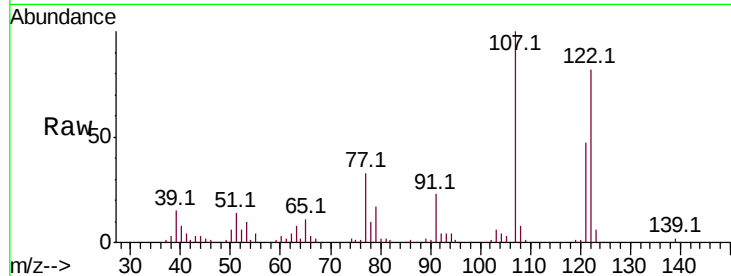
#27
2,4-Dimethylphenol
Concen: 58.768 ng
RT: 10.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampled :
PB113238BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.4	96.0	144.0
121	57.2	48.2	72.4

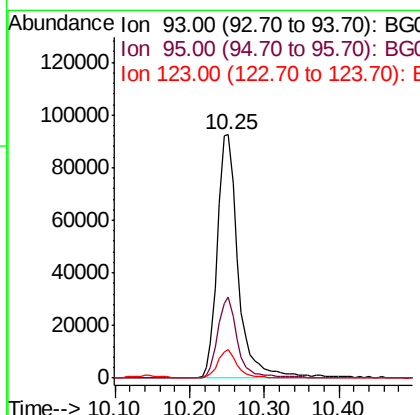
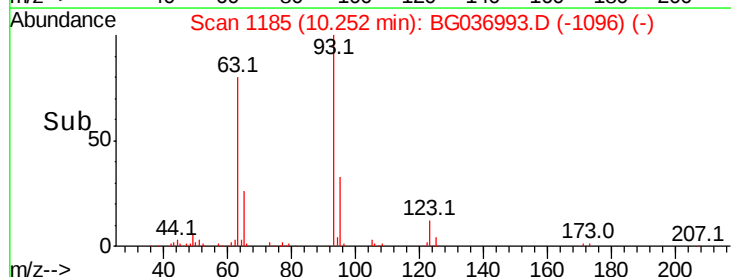
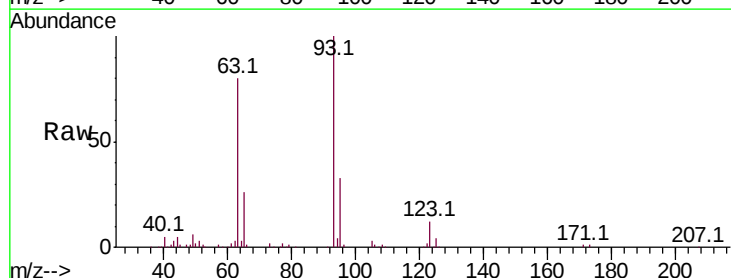
Manual Integrations
APPROVED

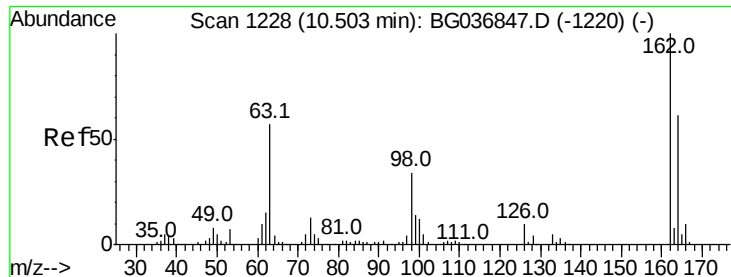
Sohil
9/27/2018 1:37:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.055 ng
RT: 10.25 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.2	37.8
123	11.9	8.6	12.8





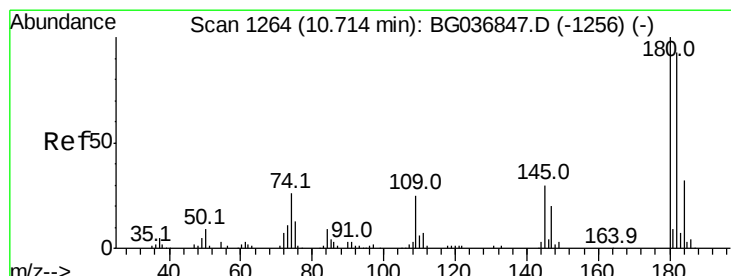
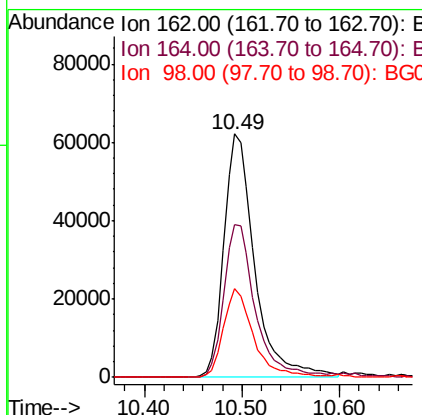
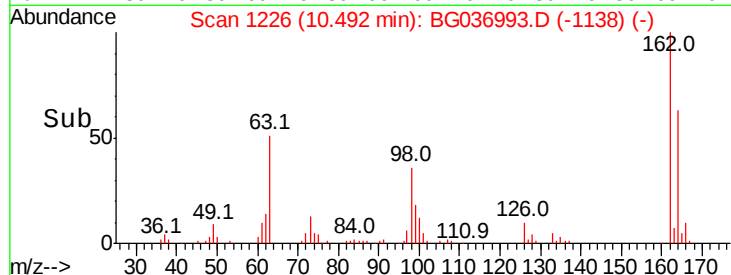
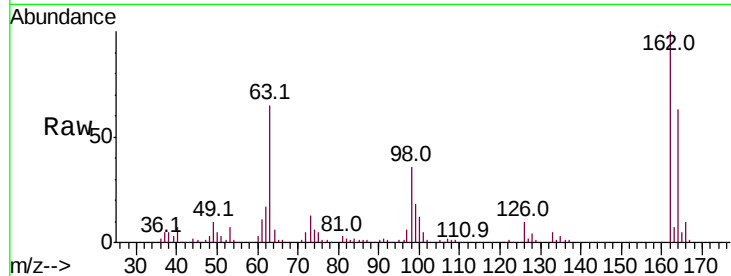
#29
 2,4-Dichlorophenol
 Concen: 55.259 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BS

Tot Ion:	162	Resp:	135861
Ion Ratio	Lower	Upper	
162	100		
164	62.9	47.6	87.6
98	36.4	19.2	59.2

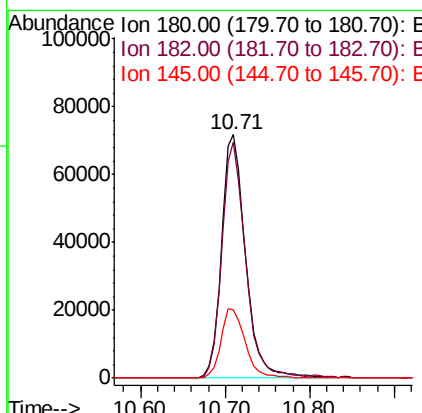
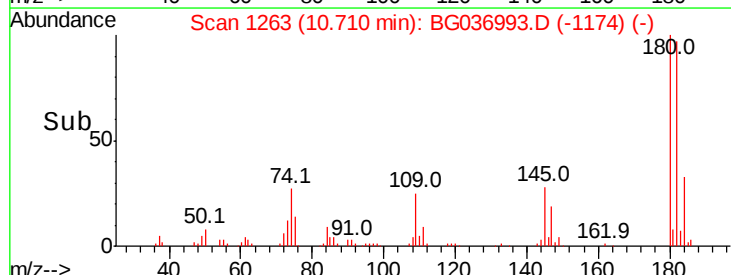
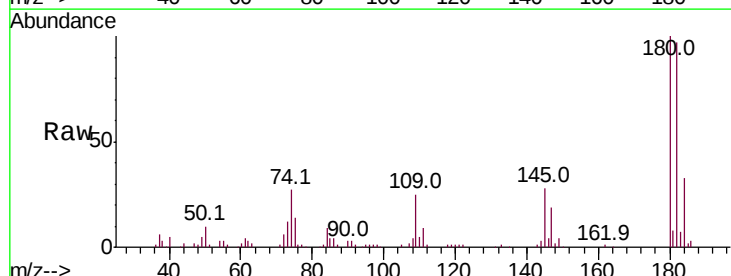
Manual Integrations
 APPROVED

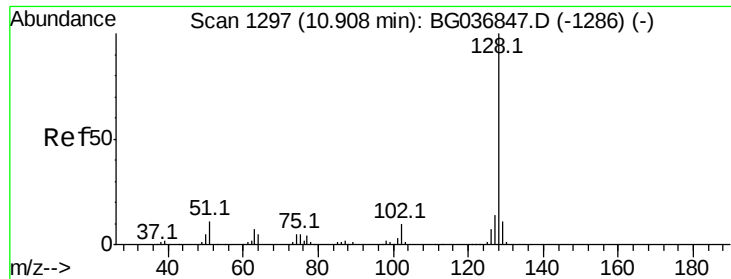
Sohil
 9/27/2018 1:37:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.873 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion:	180	Resp:	141144
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.0	114.0
145	27.9	22.9	34.3





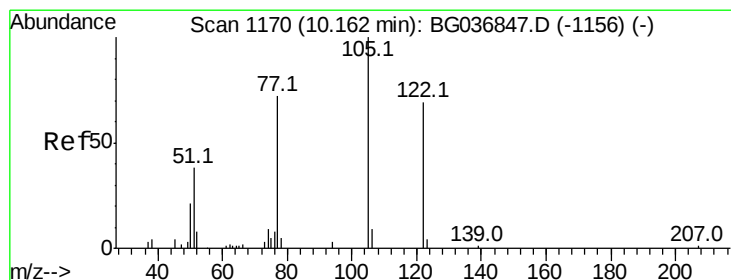
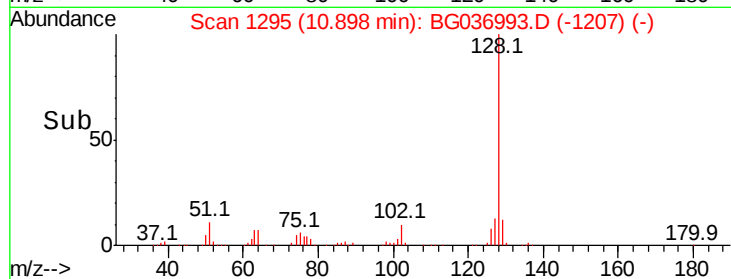
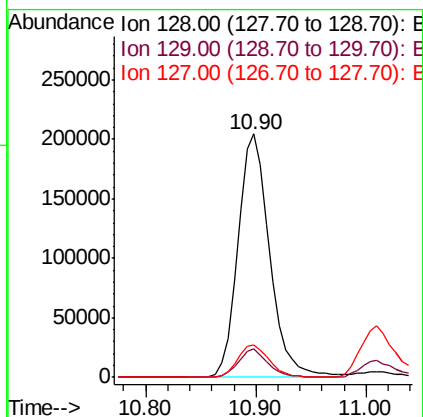
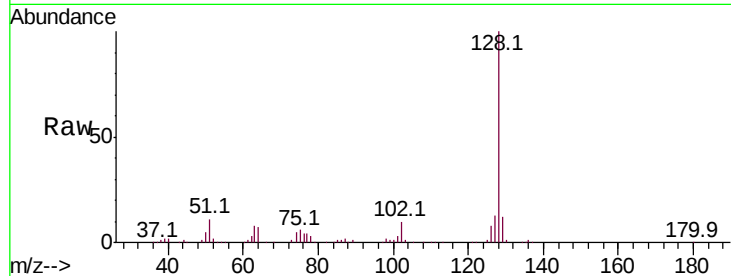
#31
Naphthalene
Concen: 50.586 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampled :
PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.4	14.2	
127	13.5	11.0	16.4	

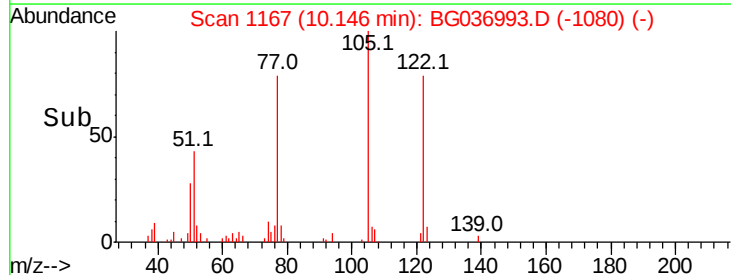
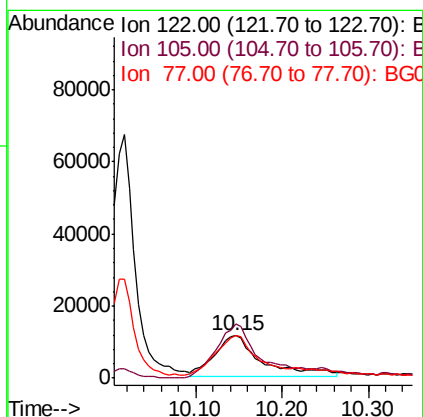
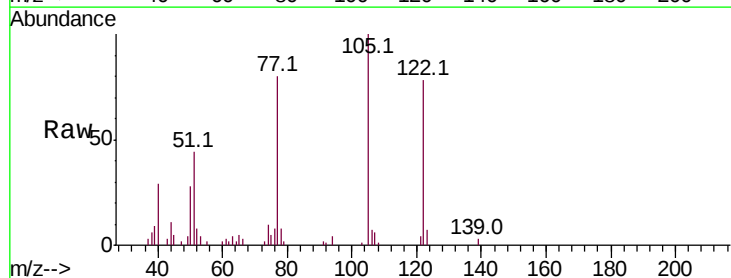
Manual Integrations
APPROVED

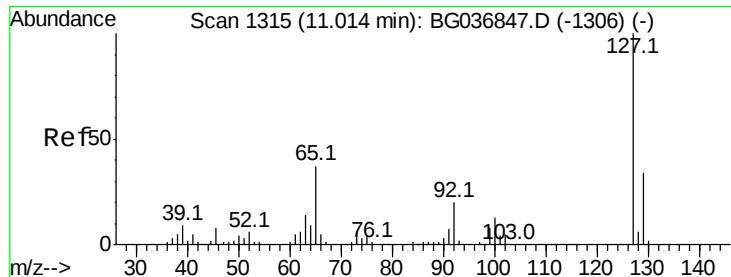
Sohil
9/27/2018 1:37:45 PM



#32
Benzoic acid
Concen: 29.880 ng m
RT: 10.15 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.9	108.1	148.1	
77	101.8	76.3	116.3	





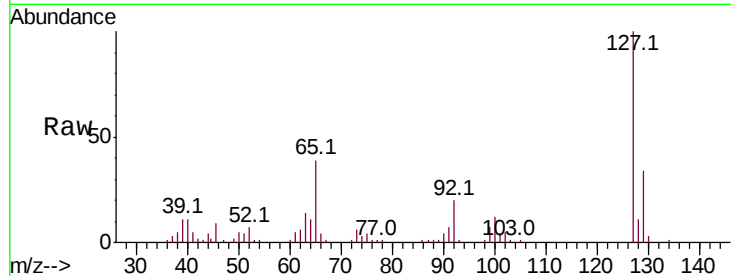
#33
4-Chloroaniline
Concen: 27.726 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.9	38.9
65	38.9	27.5	41.3
92	20.2	16.2	24.2

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM



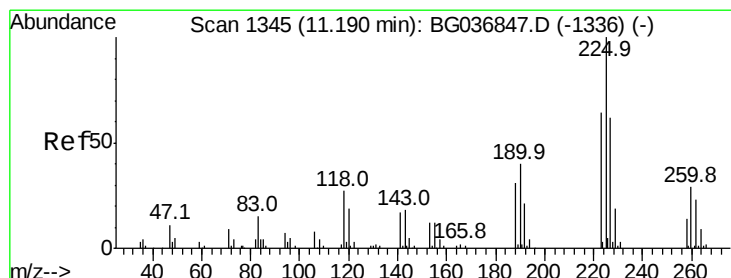
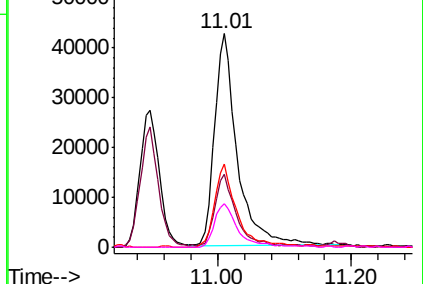
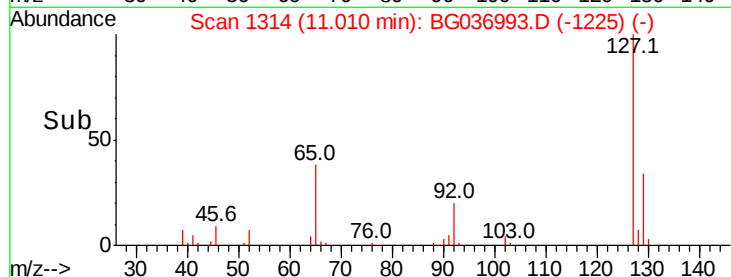
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

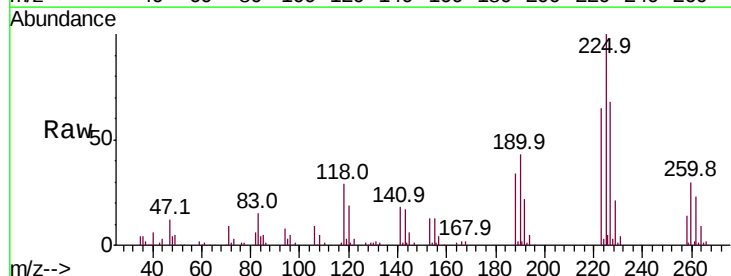
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 45.551 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.8	77.8
227	67.6	49.8	74.6

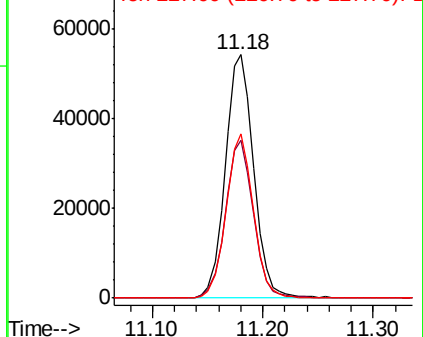
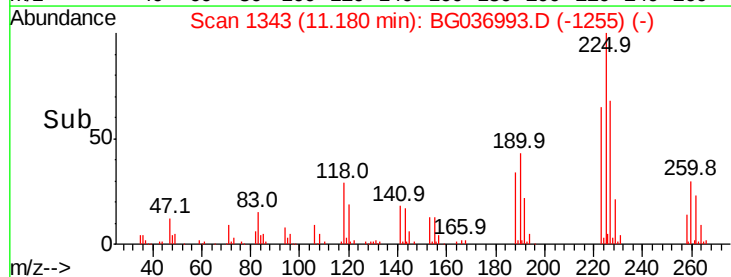


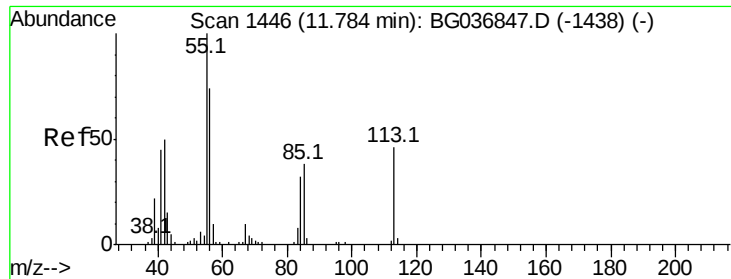
Abundance

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





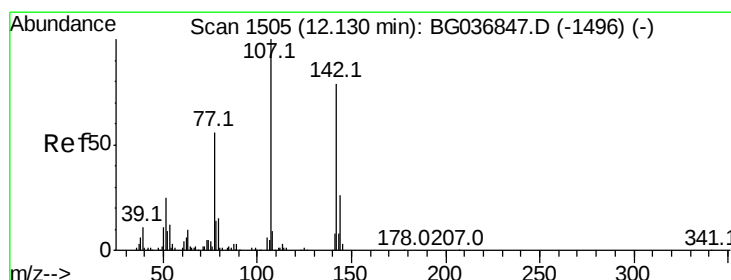
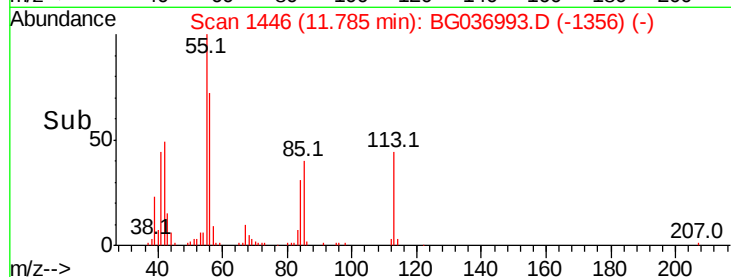
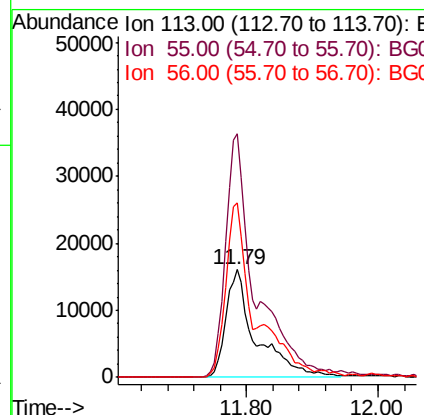
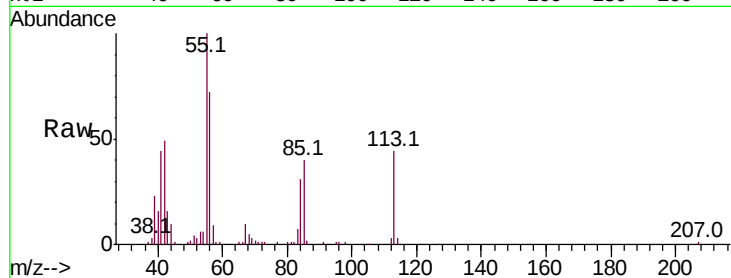
#35
Caprolactam
Concen: 50.786 ng/ml
RT: 11.79 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleID :
PB113238BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	226.3	197.7	237.7
56	162.6	131.7	171.7

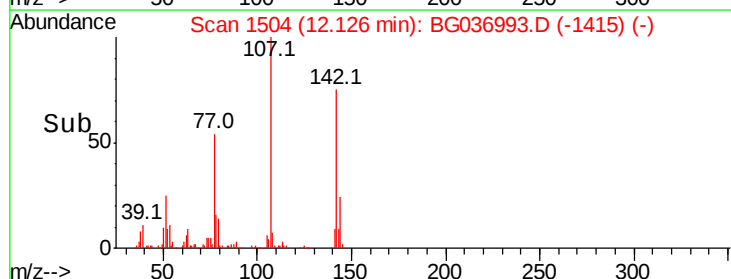
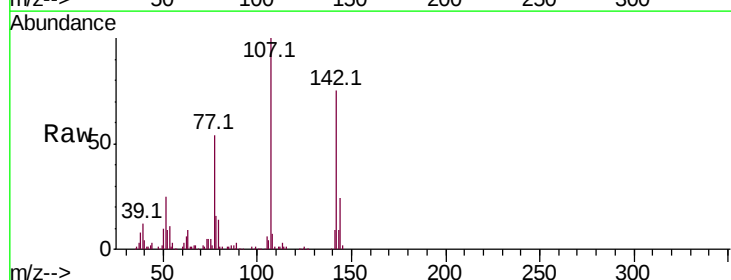
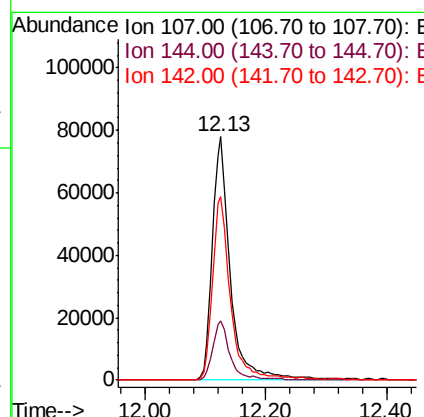
Manual Integrations
APPROVED

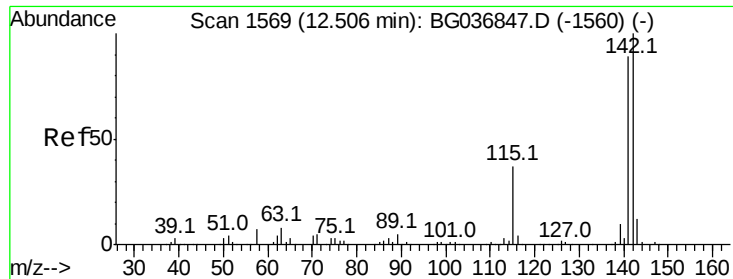
Sohil
9/27/2018 1:37:45 PM



#36
4-Chloro-3-methylphenol
Concen: 55.313 ng
RT: 12.13 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.5	29.3
142	75.2	62.4	93.6





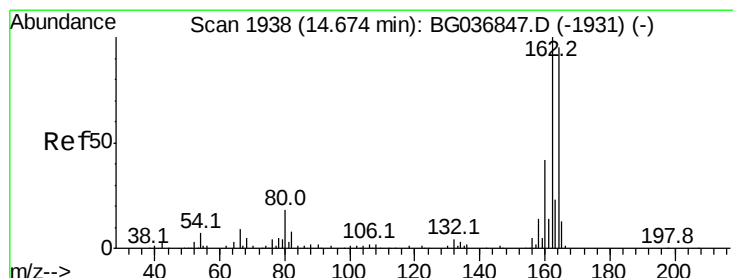
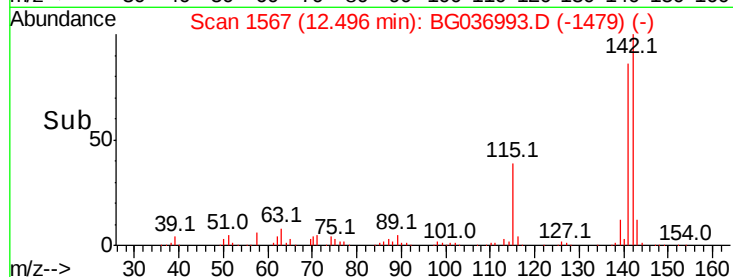
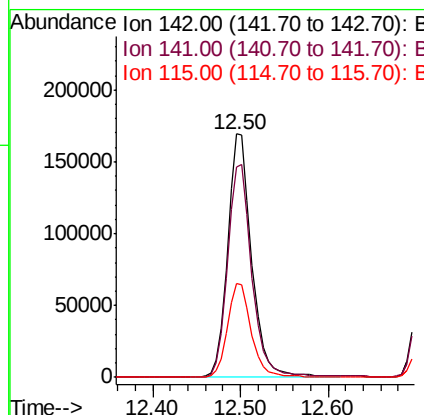
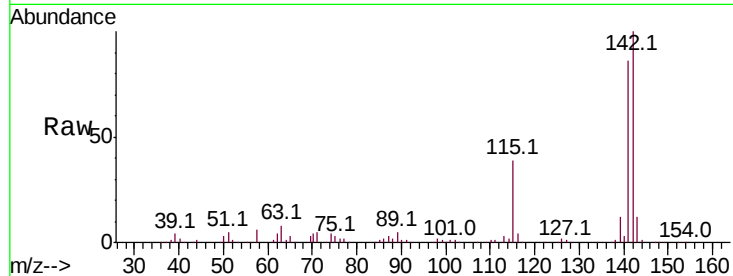
#37
2-Methylnaphthalene
Concen: 51.141 ng
RT: 12.50 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	68.5	102.7
115	38.6	29.8	44.8

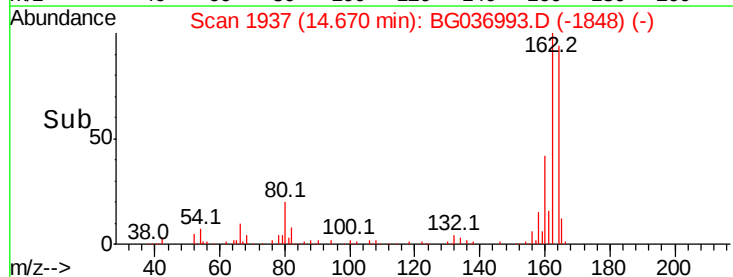
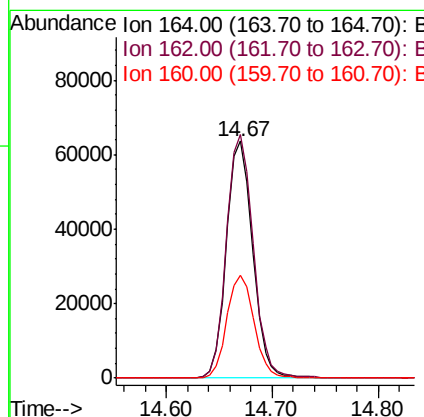
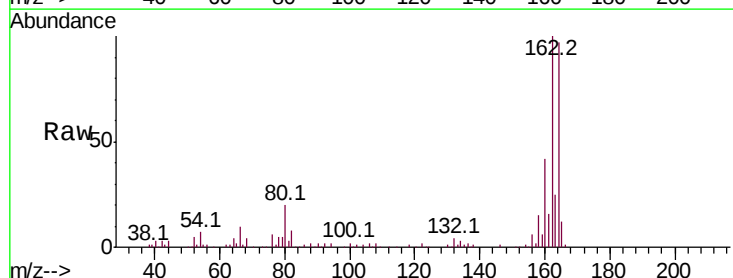
Manual Integrations
APPROVED

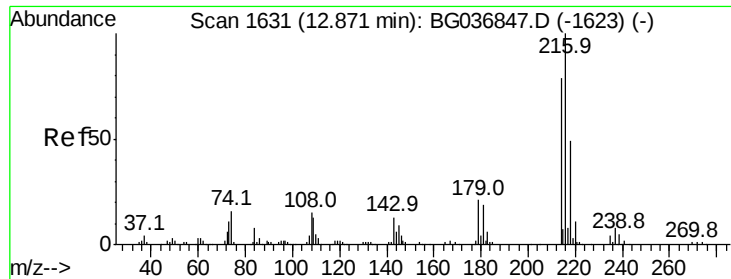
Sohil
9/27/2018 1:37:45 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.7	121.1
160	43.4	35.3	52.9





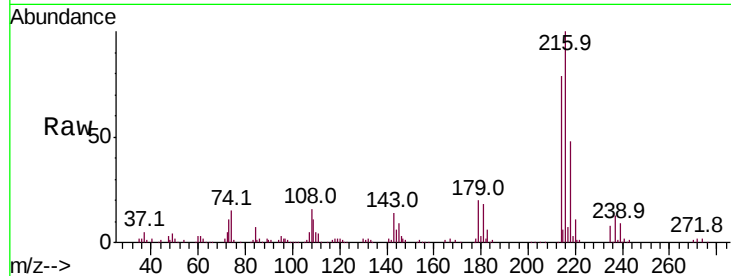
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.197 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BS

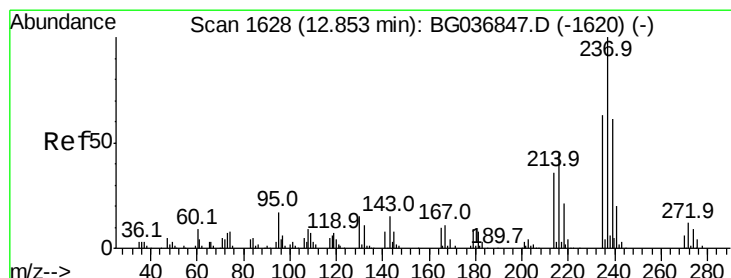
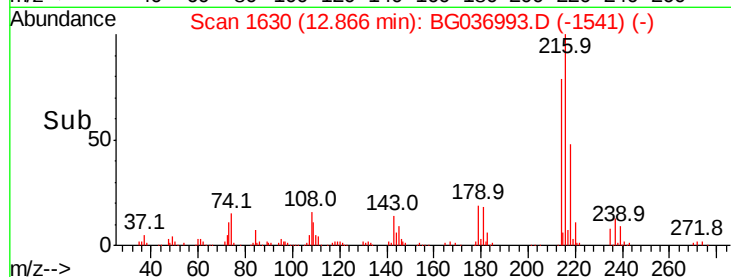
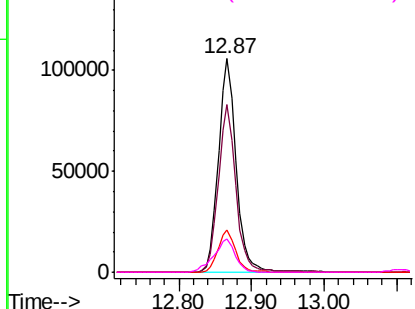
Tot Ion	Ratio	Resp	Lower	Upper
216	100	181164		
214	77.4	61.0	91.6	
179	19.5	15.7	23.5	
108	18.6	13.1	19.7	

Manual Integrations
 APPROVED

Sohil
 9/27/2018 1:37:45 PM

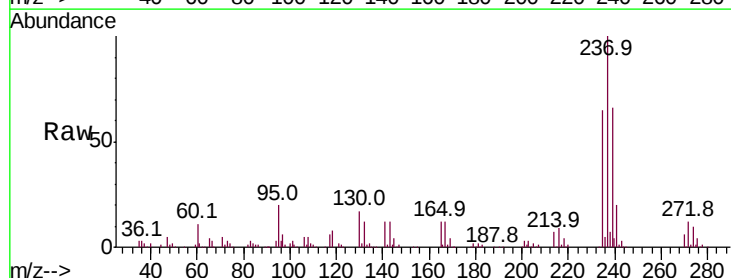


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

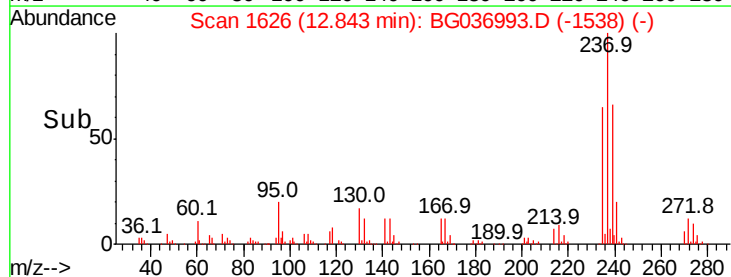
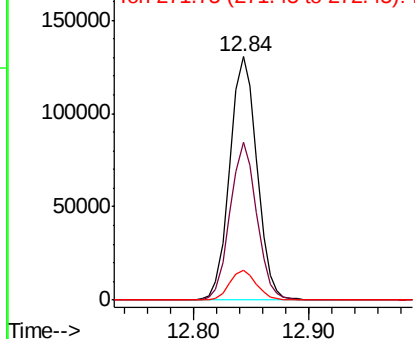


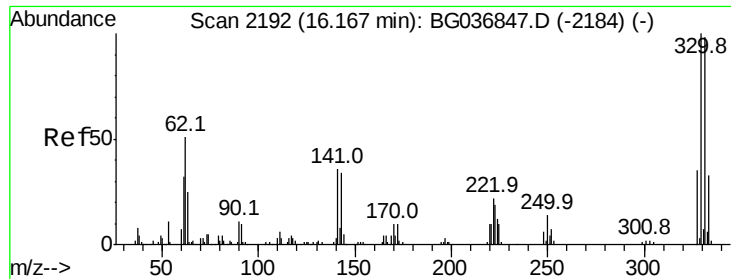
#40
 Hexachlorocyclopentadiene
 Concen: 107.889 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	212988		
235	64.7	42.2	82.2	
272	12.4	0.0	32.1	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





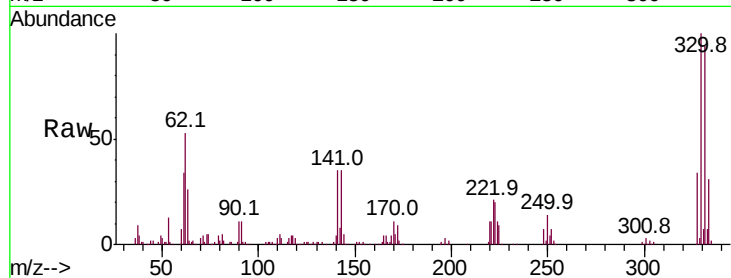
#41
 2,4,6-Tribromophenol
 Concen: 147.291 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.4	113.2
141	37.6	30.7	46.1

Manual Integrations
 APPROVED

Sohil
 9/27/2018 1:37:45 PM

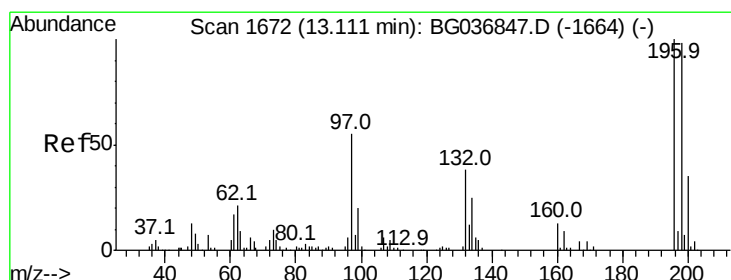
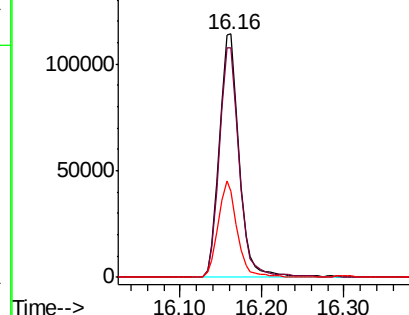
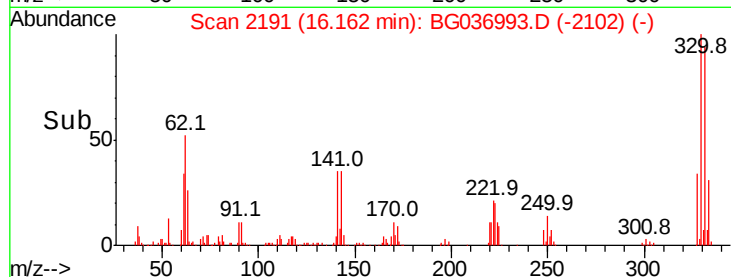


Abundance

Ion 329.80 (329.50 to 330.50): E

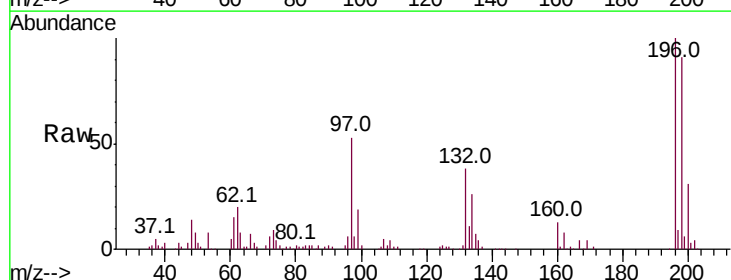
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 54.630 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.6	77.2	115.8
200	30.7	26.3	39.5

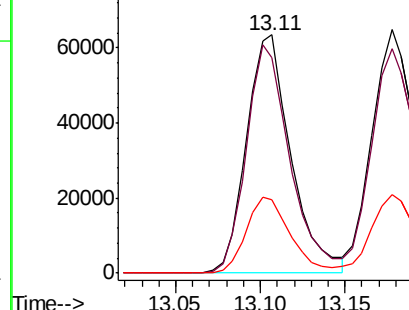
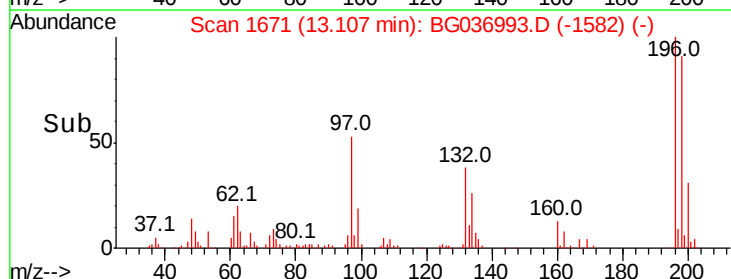


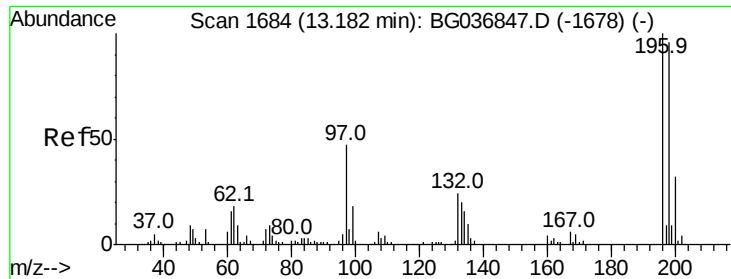
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





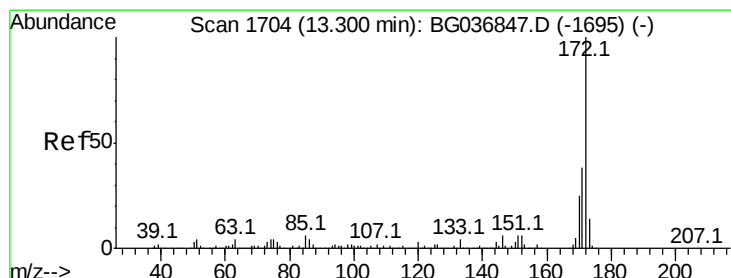
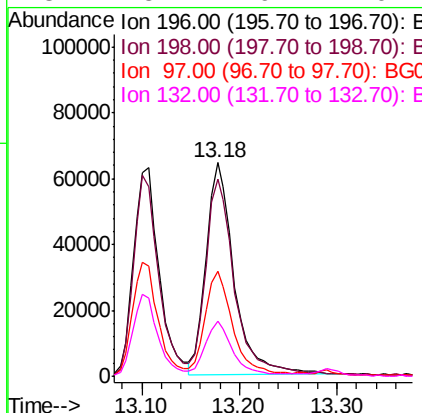
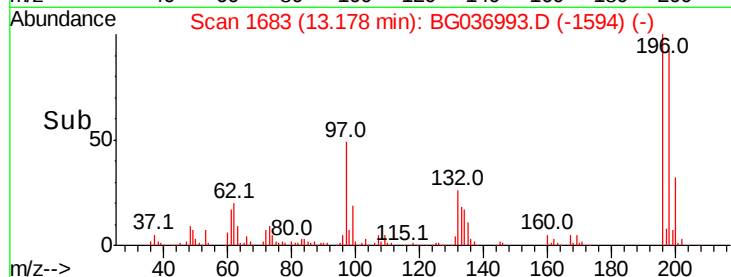
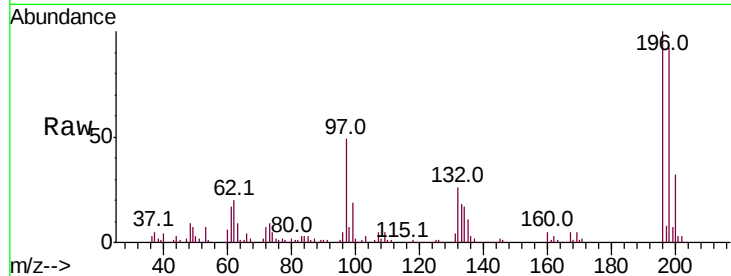
#43
 2,4,5-Trichlorophenol
 Concen: 56.781 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	129056		
198	92.4	75.6	113.4	
97	49.1	37.2	55.8	
132	25.7	19.4	29.2	

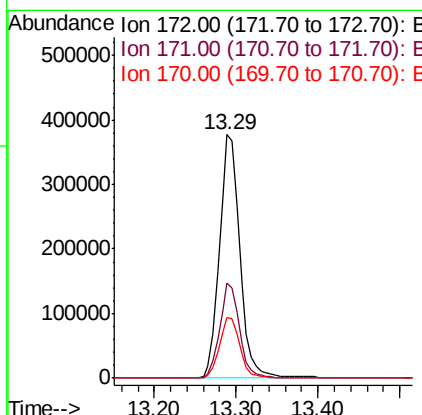
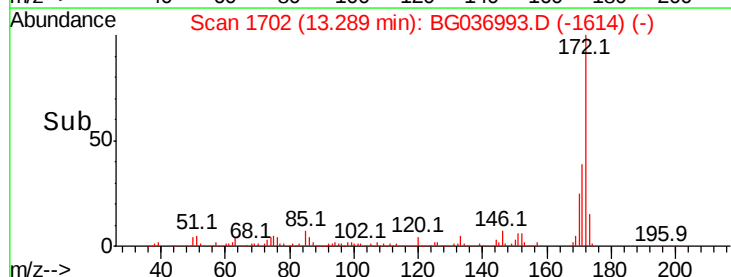
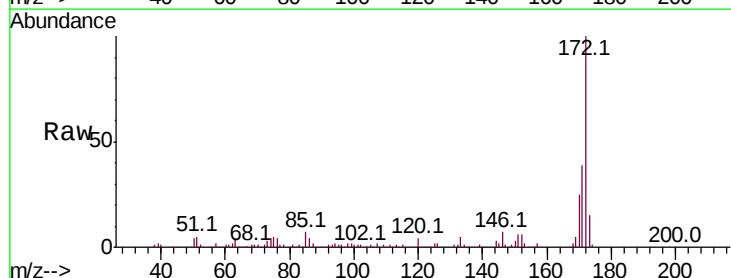
Manual Integrations
 APPROVED

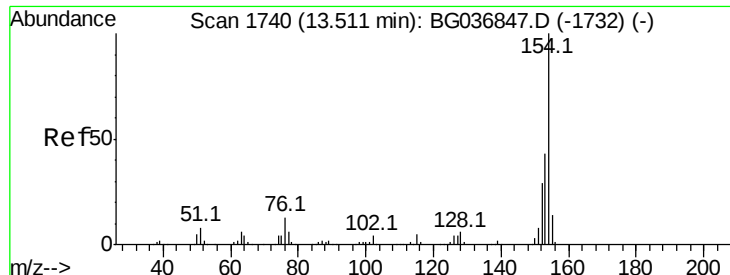
Sohil
 9/27/2018 1:37:45 PM



#44
 2-Fluorobiphenyl
 Concen: 89.006 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	657685		
171	38.8	31.3	46.9	
170	24.8	21.0	31.6	





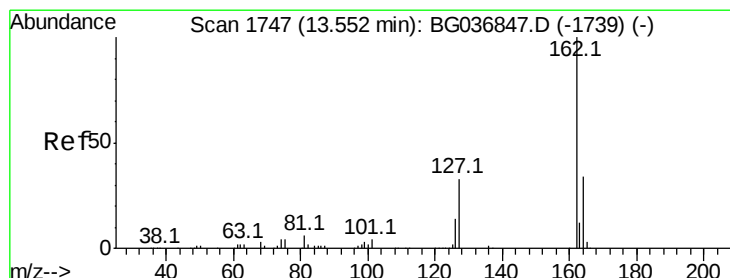
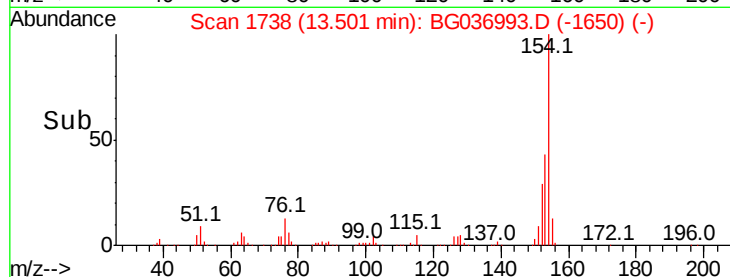
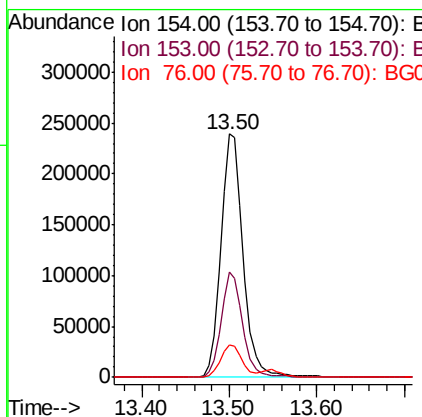
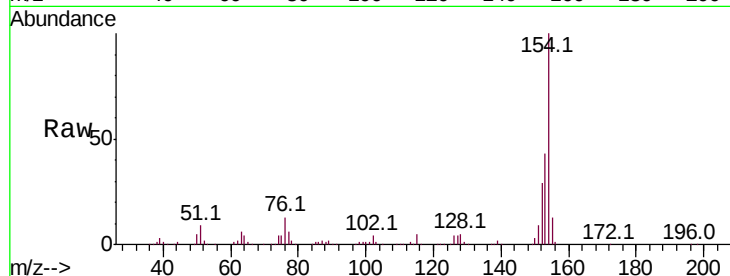
#45
 1,1'-Biphenyl
 Concen: 49.705 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.1	24.0	64.0	
76	13.3	0.0	32.9	

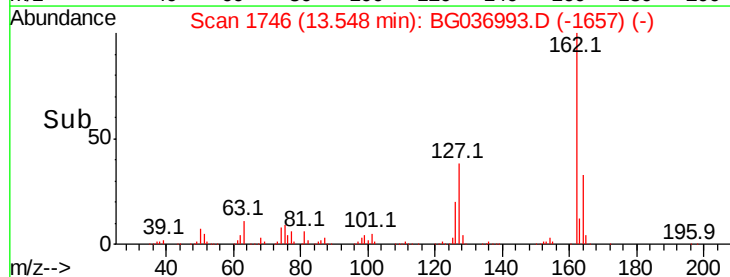
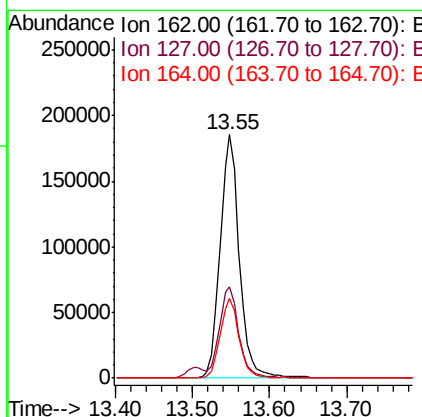
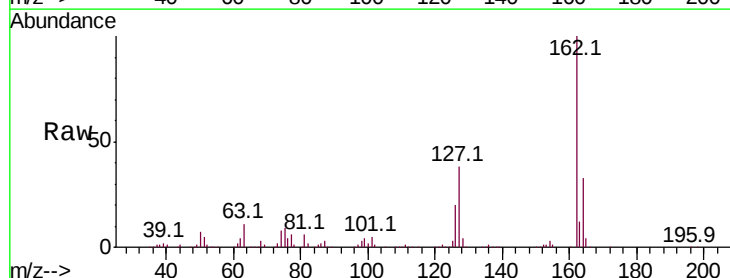
Manual Integrations
 APPROVED

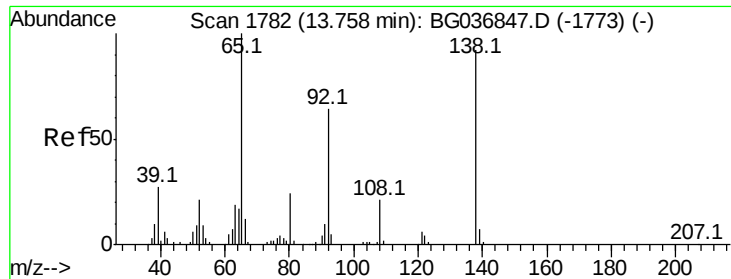
Sohil
 9/27/2018 1:37:45 PM



#46
 2-Chloronaphthalene
 Concen: 48.105 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.8	30.7	46.1	
164	33.0	26.7	40.1	





#47

2-Nitroaniline

Concen: 53.680 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

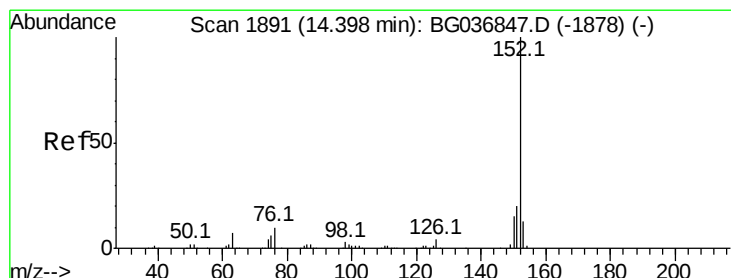
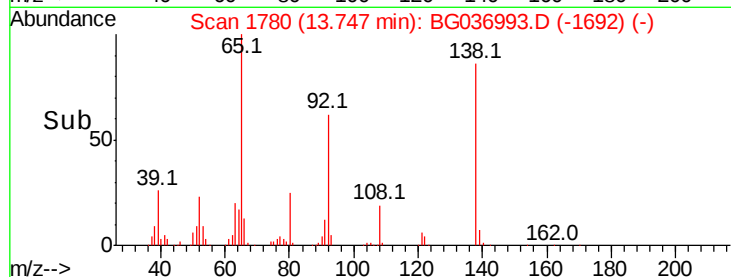
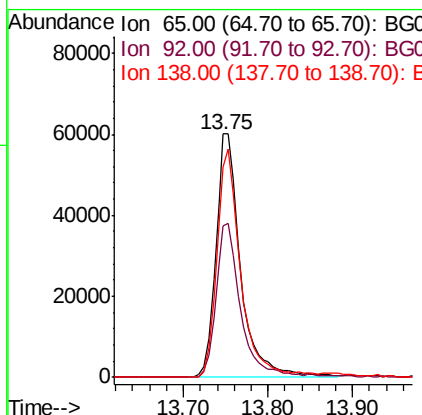
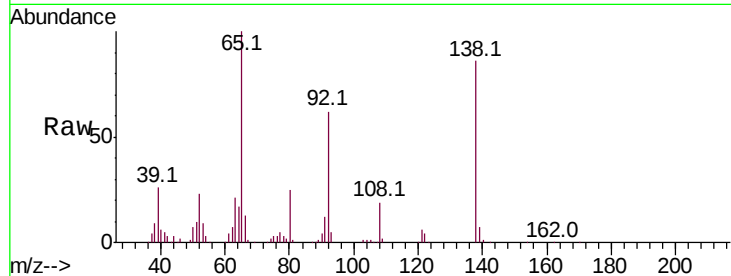
ClientSampleId :

PB113238BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.2	49.9	74.9
138	86.5	76.2	114.4

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM



#48

Acenaphthylene

Concen: 52.332 ng

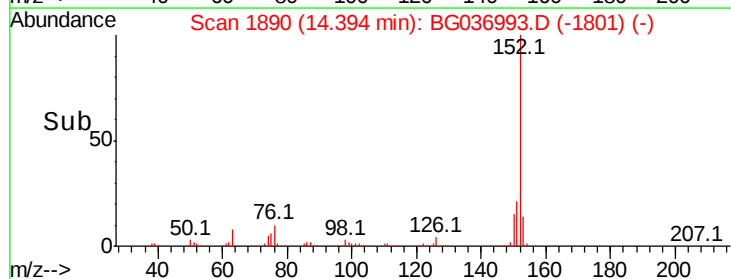
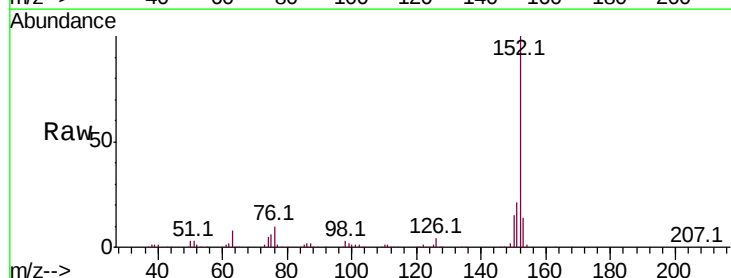
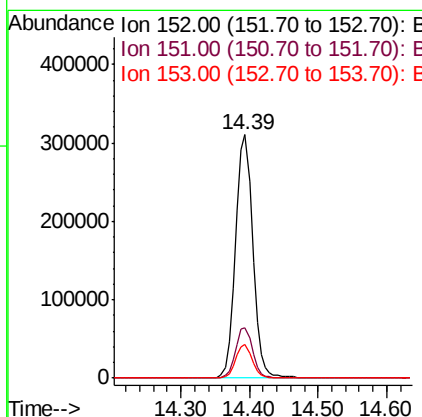
RT: 14.39 min Scan# 1890

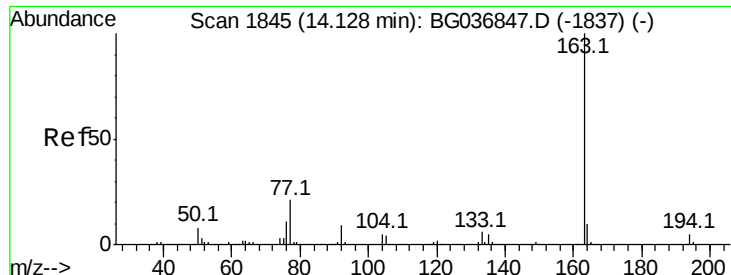
Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	14.1	11.2	16.8





#49

Dimethylphthalate

Concen: 48.501 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

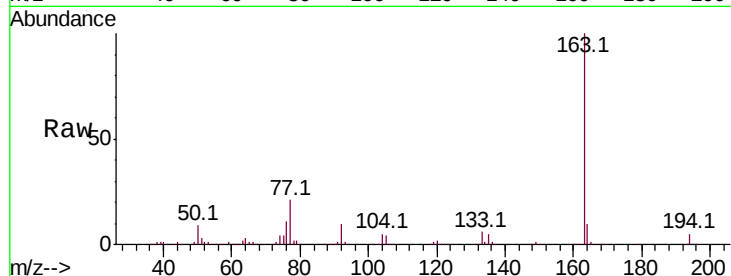
ClientSampleId :

PB113238BS

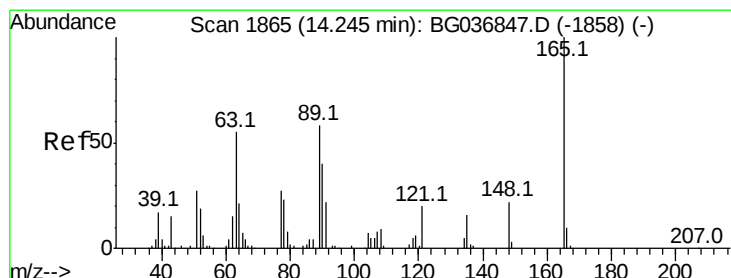
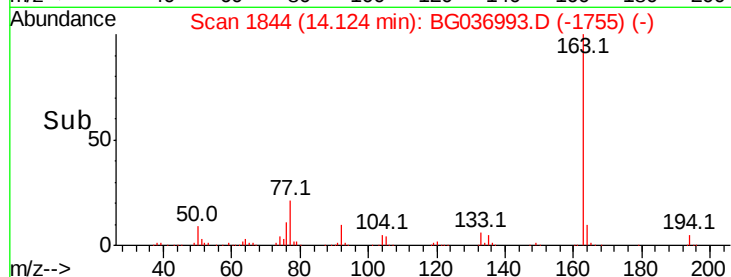
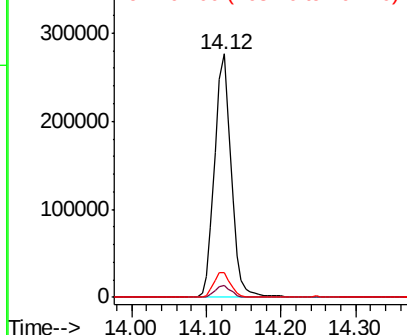
Tot Ion:	163	Resp:	429653
Ion Ratio	Lower	Upper	
163	100		
194	5.0	4.0	6.0
164	10.3	8.1	12.1

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM



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



#50

2,6-Dinitrotoluene

Concen: 49.671 ng

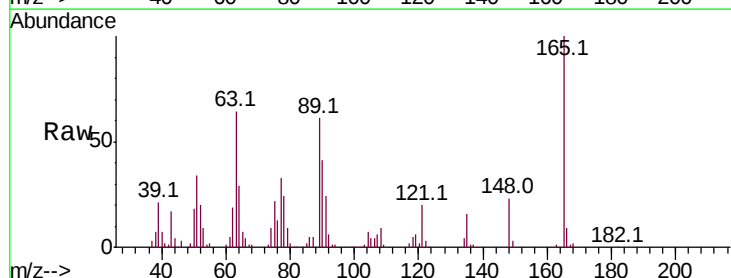
RT: 14.24 min Scan# 1864

Delta R.T. -0.00 min

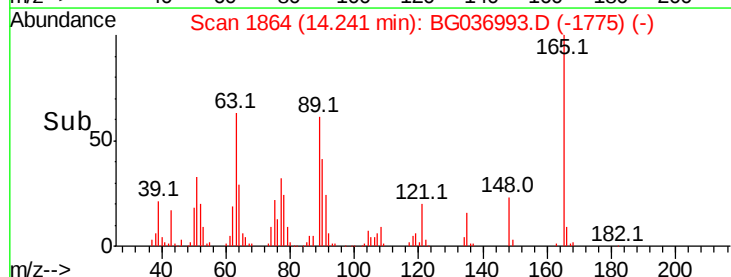
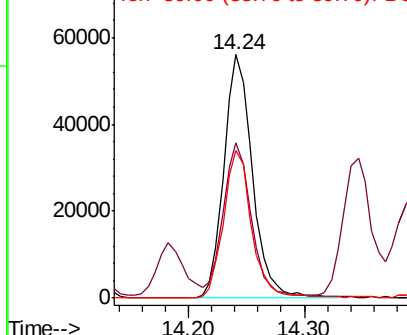
Lab File: BG036993.D

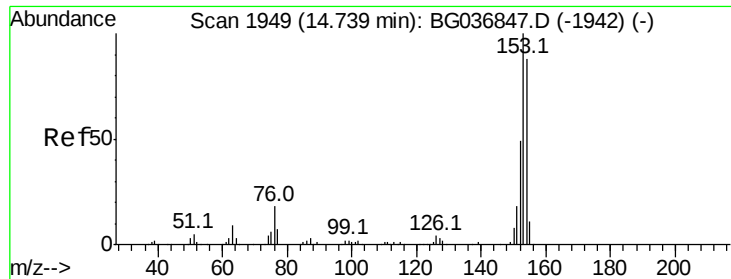
Acq: 26 Sep 2018 22:25

Tgt Ion:	165	Resp:	96003
Ion Ratio	Lower	Upper	
165	100		
63	63.6	50.1	75.1
89	60.8	47.8	71.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 49.557 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

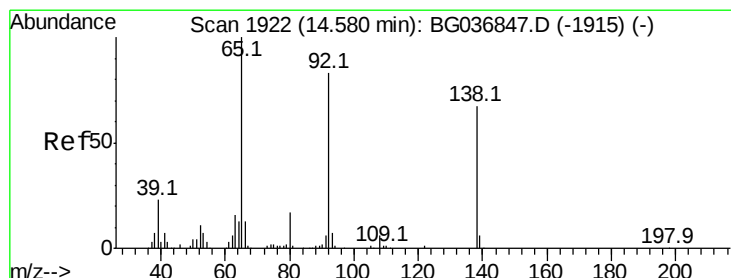
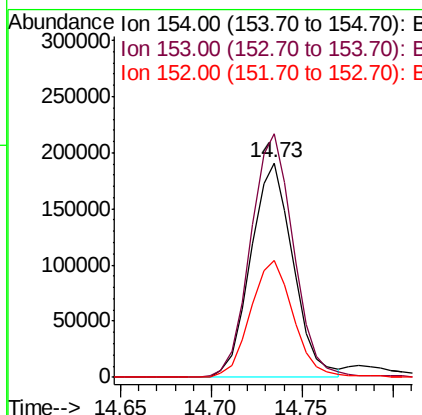
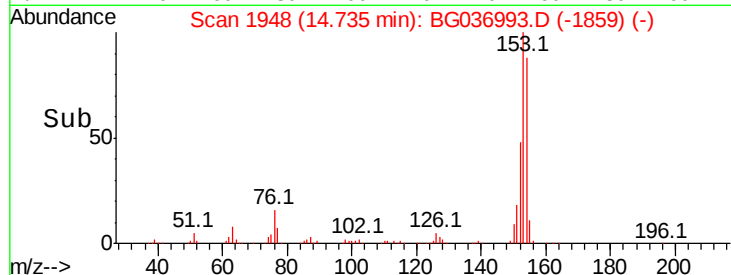
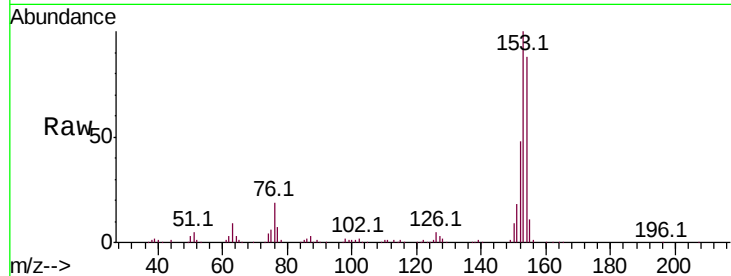
ClientSampleId :

PB113238BS

Tot Ion:	154	Resp:	311092
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.8	137.6
152	54.7	43.5	65.3

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM



#52

3-Nitroaniline

Concen: 37.471 ng

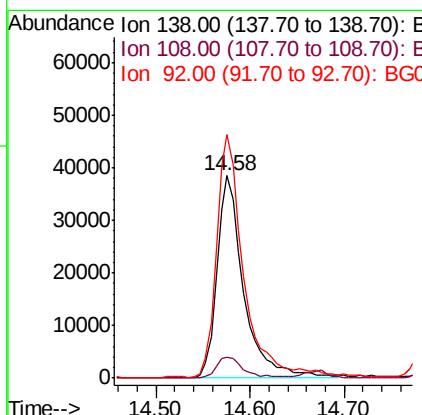
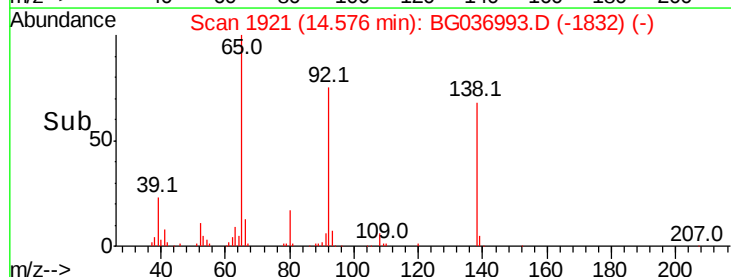
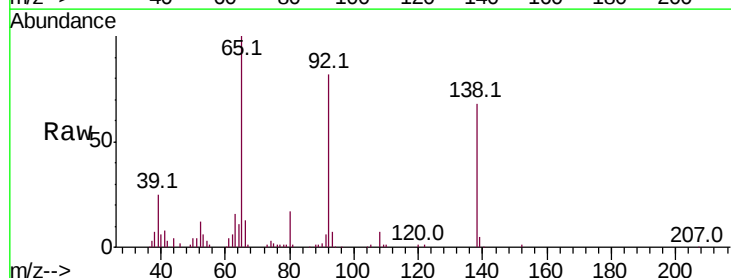
RT: 14.58 min Scan# 1921

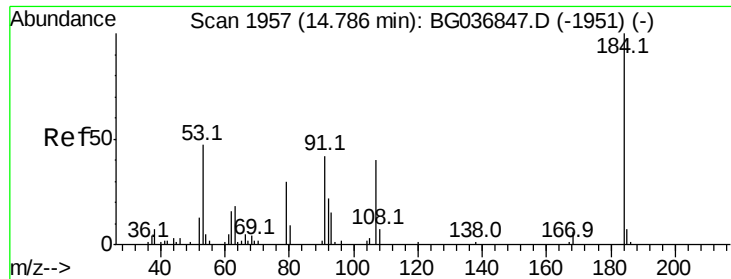
Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Tgt Ion:	138	Resp:	76317
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.2
92	120.4	96.8	145.2





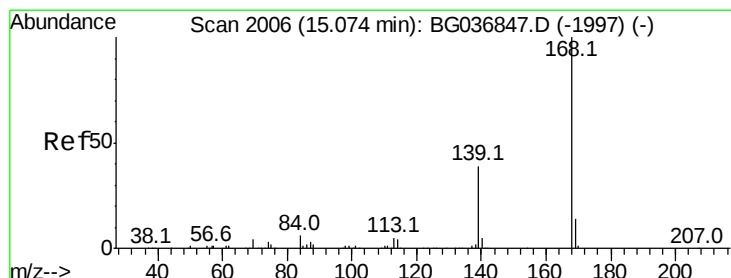
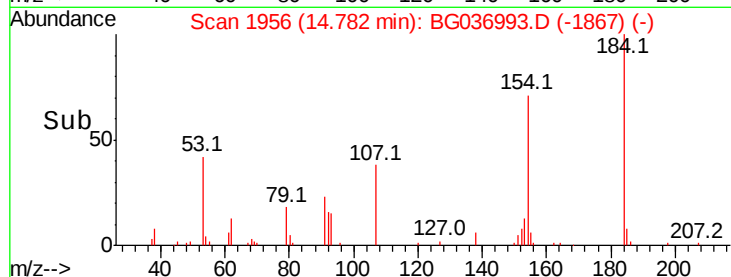
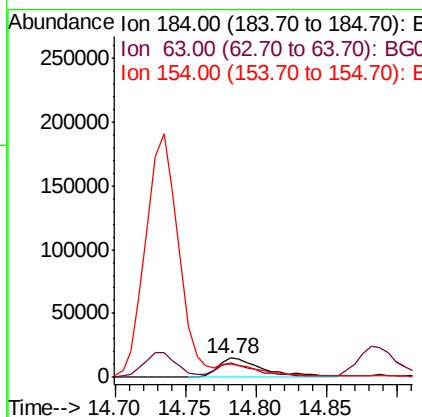
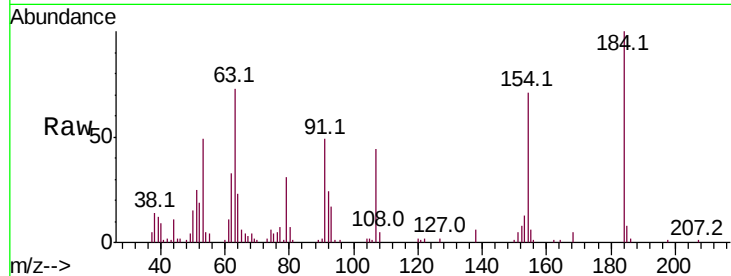
#53
2,4-Dinitrophenol
Concen: 42.256 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampled :
PB113238BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.0	47.3	70.9#
154	71.0	51.1	76.7

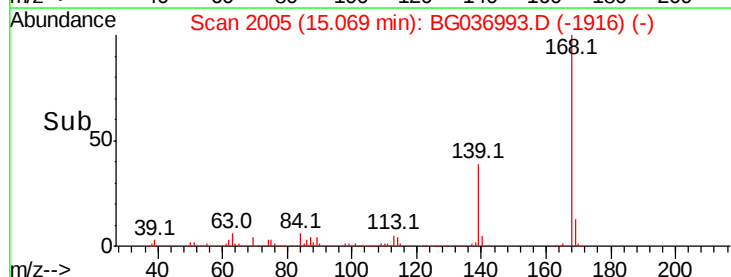
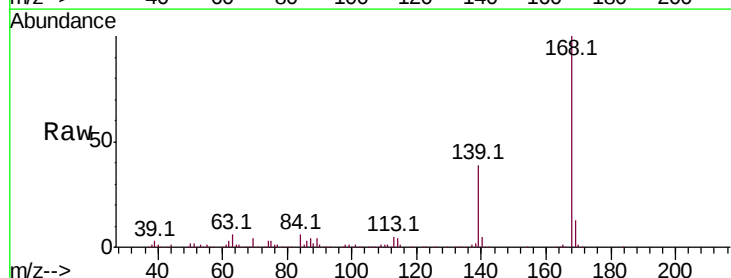
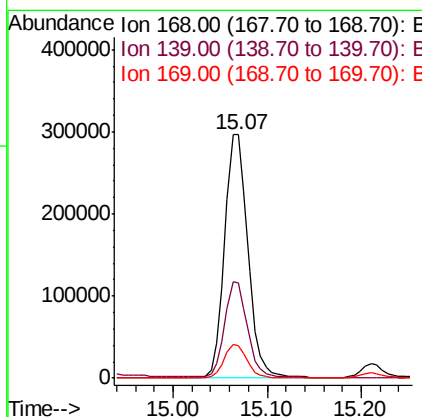
Manual Integrations
APPROVED

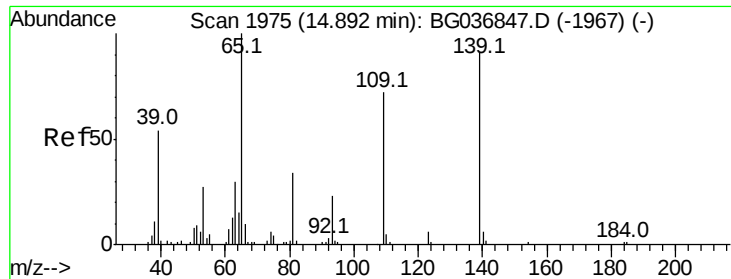
Sohil
9/27/2018 1:37:45 PM



#54
Dibenzofuran
Concen: 48.401 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.0	46.6
169	13.4	11.1	16.7





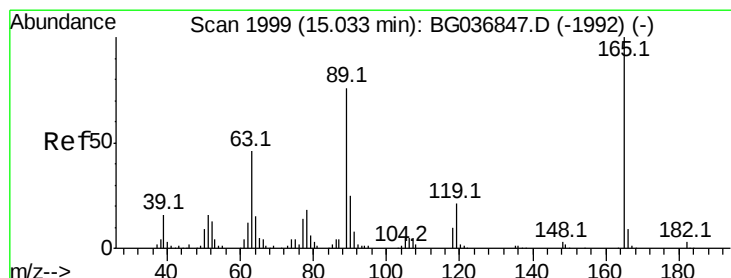
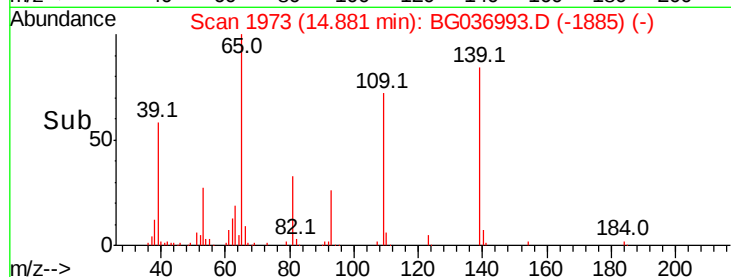
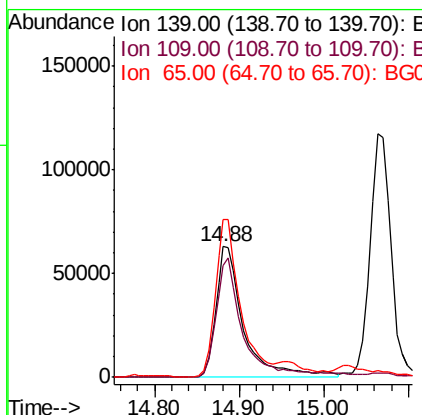
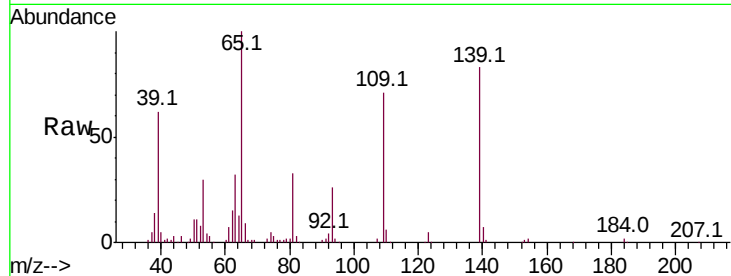
#55
4-Nitrophenol
Concen: 111.291 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	144803		
109	85.9	63.9	103.9	
65	120.7	90.0	130.0	

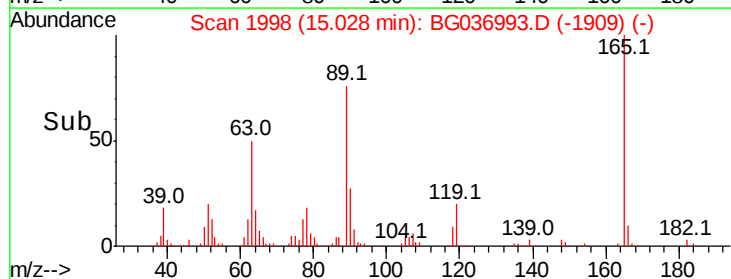
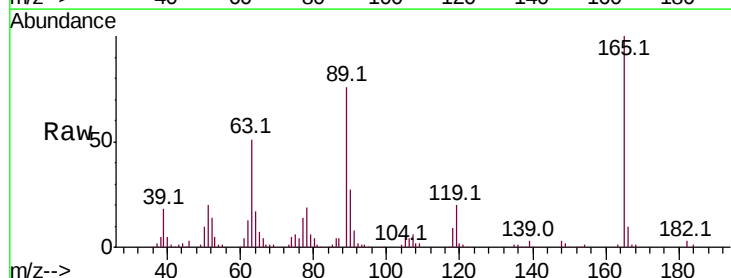
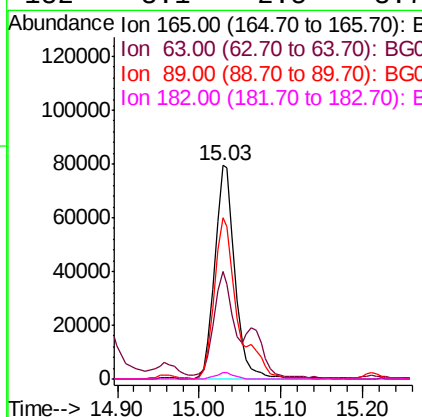
Manual Integrations
APPROVED

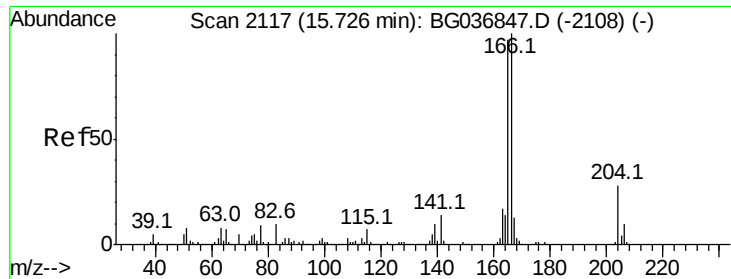
Sohil
9/27/2018 1:37:45 PM



#56
2,4-Dinitrotoluene
Concen: 51.087 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	137780		
63	50.6	40.1	60.1	
89	75.5	63.7	95.5	
182	3.1	2.5	3.7	





#57

Fluorene

Concen: 52.428 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

ClientSampleId :

PB113238BS

Tot Ion:166 Resp: 416090

Ion Ratio Lower Upper

166 100

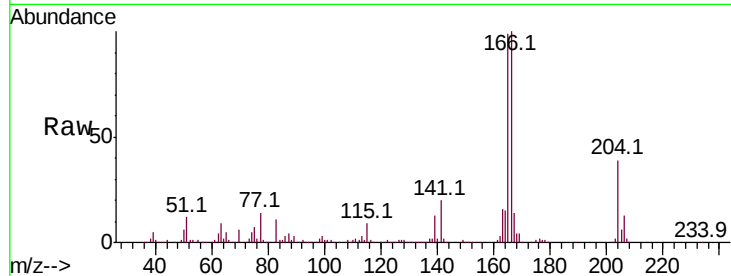
165 98.9 77.0 115.4

167 14.1 10.6 16.0

Manual Integrations
APPROVED

Sohil

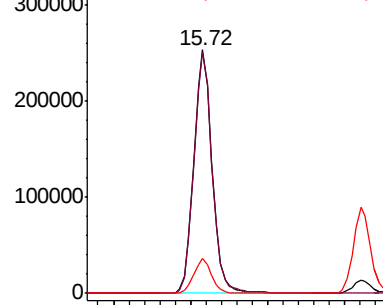
9/27/2018 1:37:45 PM



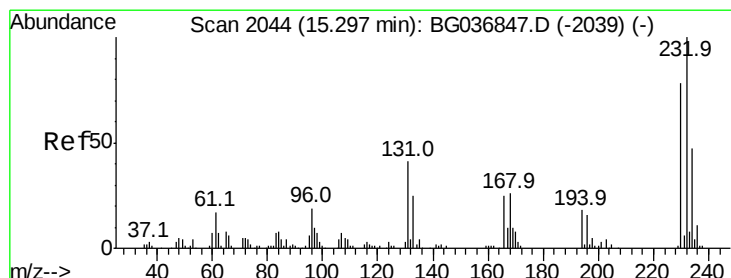
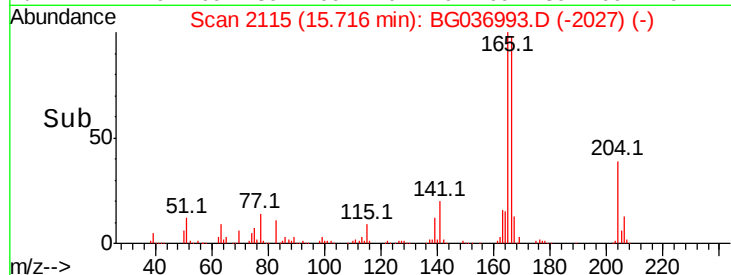
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.151 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Tgt Ion:232 Resp: 131773

Ion Ratio Lower Upper

232 100

131 41.1 33.8 50.8

130 2.7 2.1 3.1

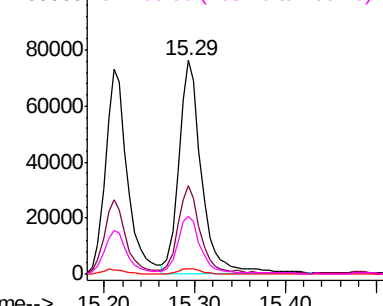
166 26.9 22.3 33.5

Abundance Ion 232.00 (231.70 to 232.70): E

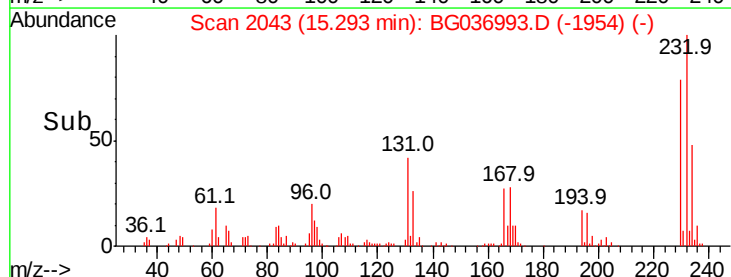
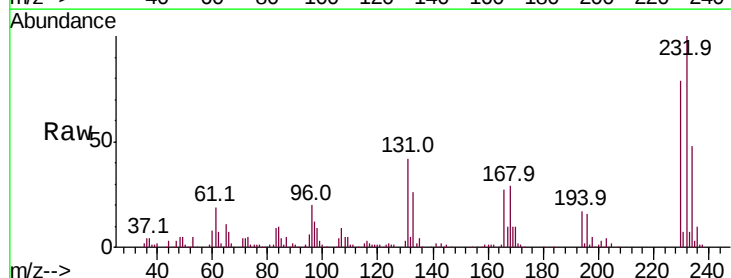
Ion 131.00 (130.70 to 131.70): E

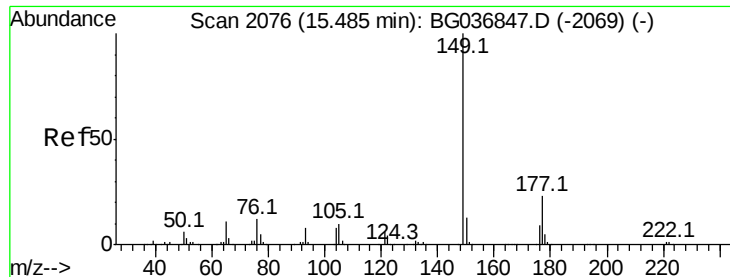
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->





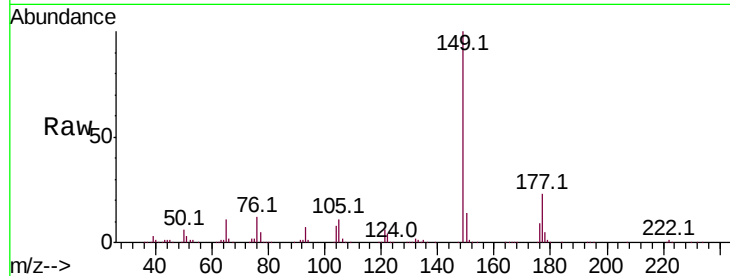
#59
Diethylphthalate
Concen: 49.111 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

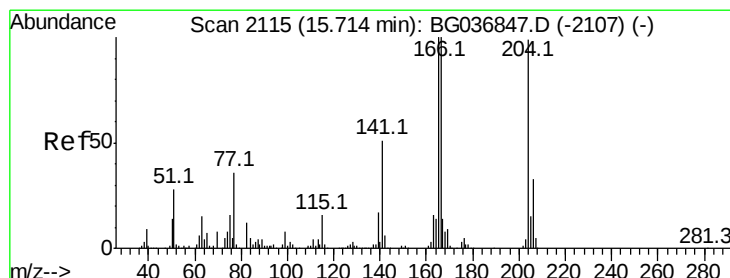
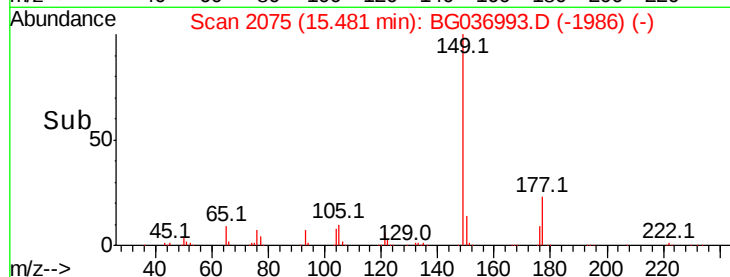
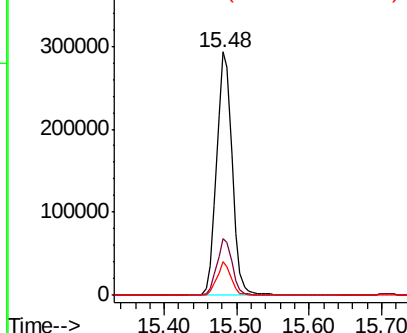
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.1	19.1	28.7	
150	13.6	10.7	16.1	

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM

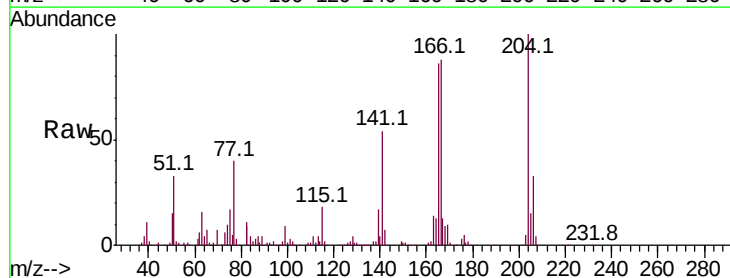


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

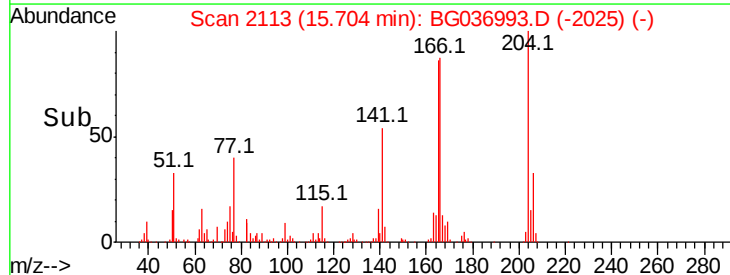
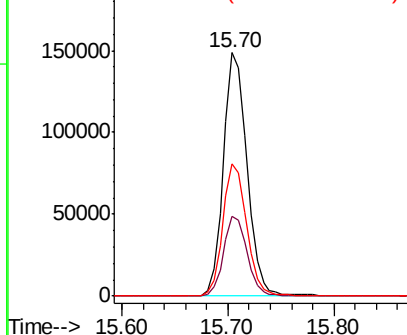


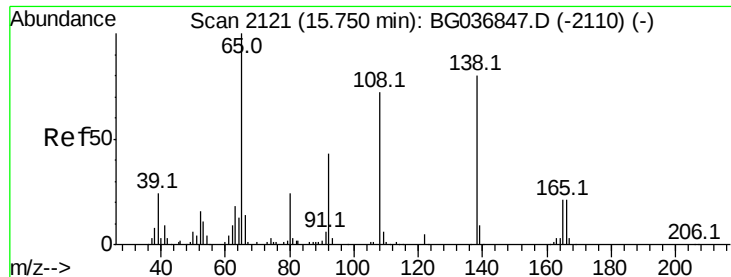
#60
4-Chlorophenyl-phenylether
Concen: 46.011 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.9	27.0	40.4	
141	54.2	43.8	65.6	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





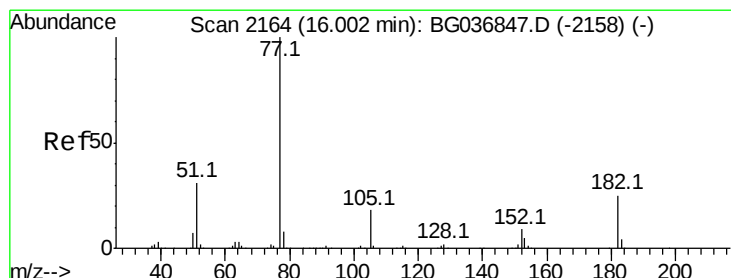
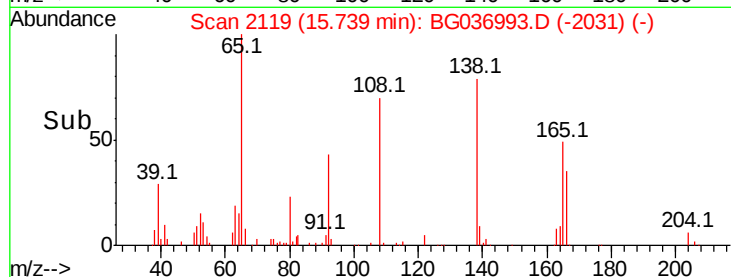
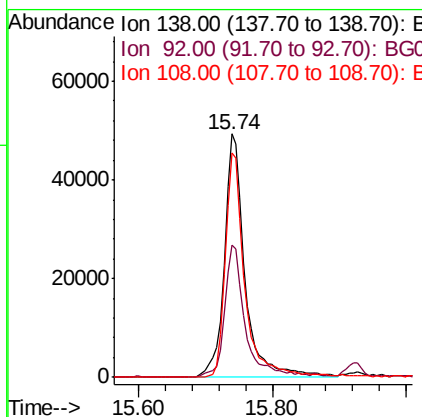
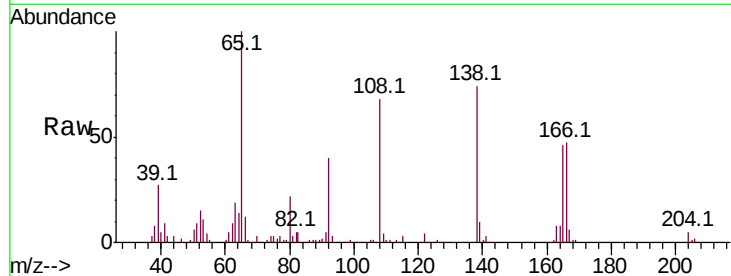
#61
4-Nitroaniline
Concen: 50.254 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.3	38.5	78.5
108	92.3	70.3	110.3

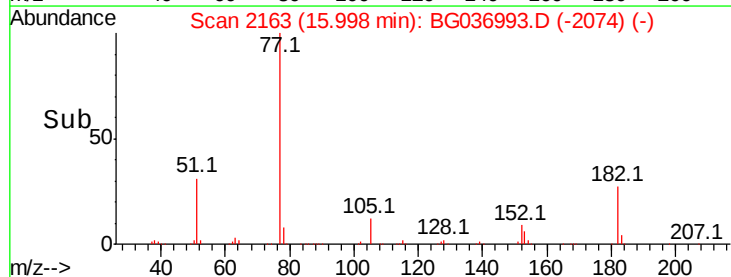
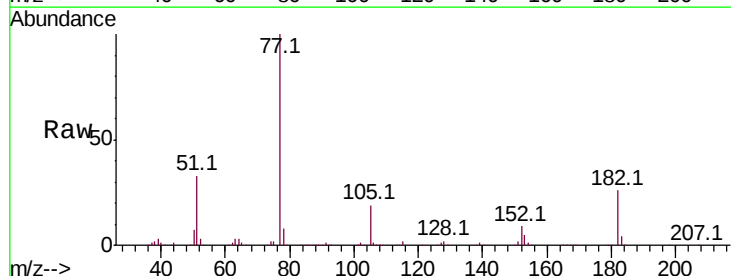
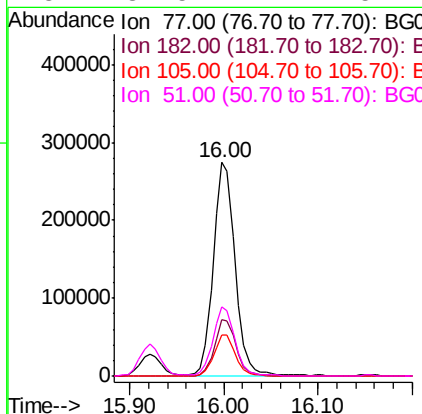
Manual Integrations
APPROVED

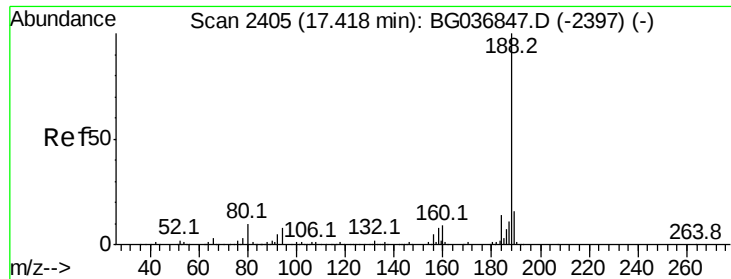
Sohil
9/27/2018 1:37:45 PM



#62
Azobenzene
Concen: 51.652 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	6.7	46.7
105	19.2	0.0	39.8
51	32.5	12.4	52.4





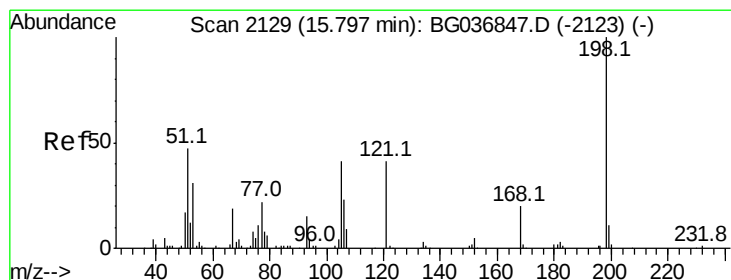
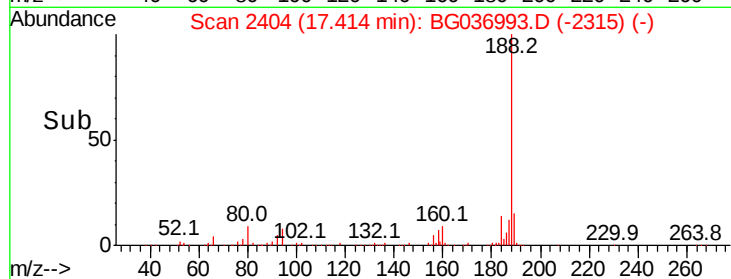
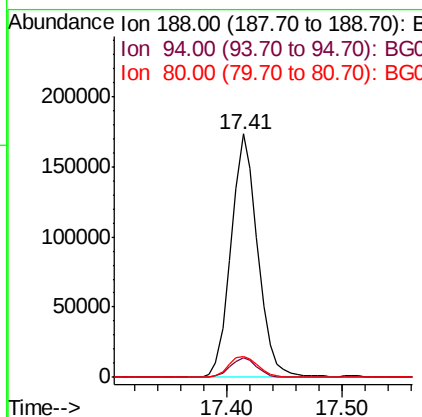
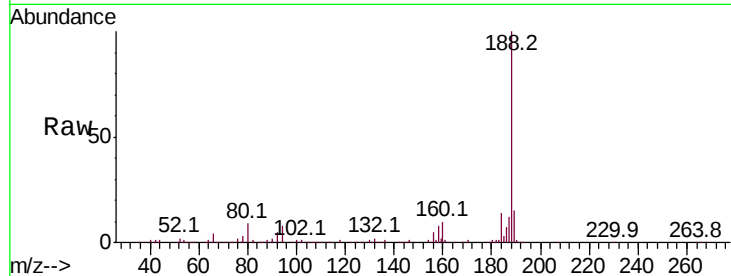
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	277400		
94	8.2		6.7	10.1
80	8.8		8.1	12.1

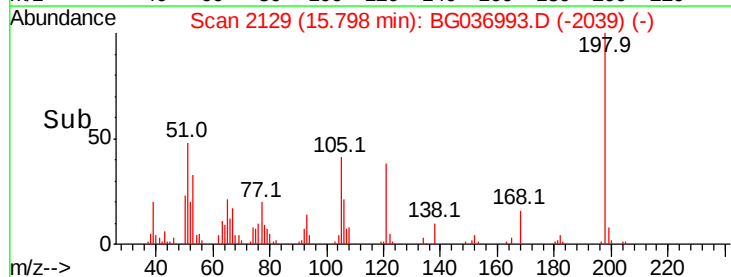
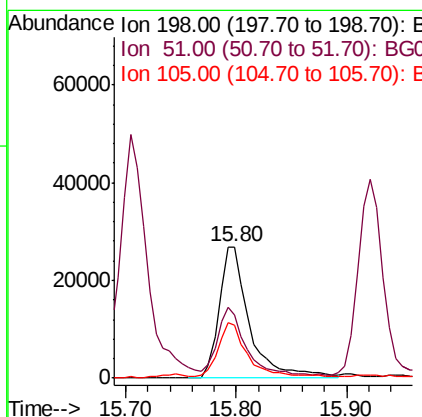
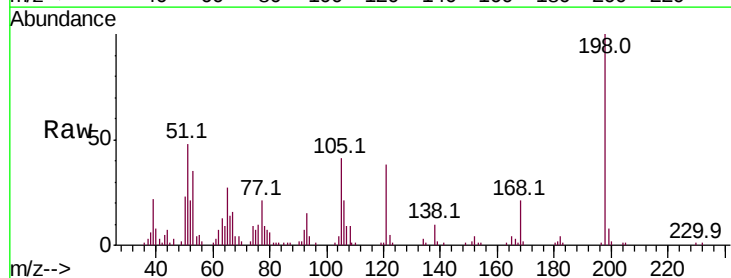
Manual Integrations
APPROVED

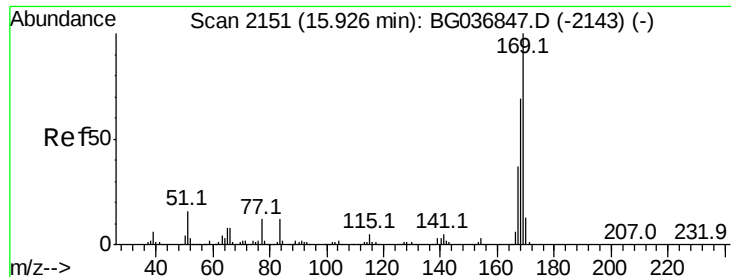
Sohil
9/27/2018 1:37:45 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 35.670 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	51732		
51	48.5		26.5	66.5
105	40.5		20.2	60.2





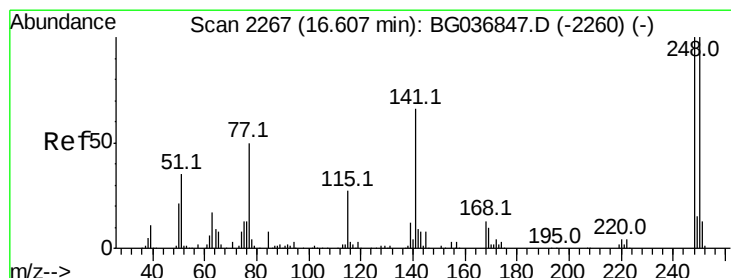
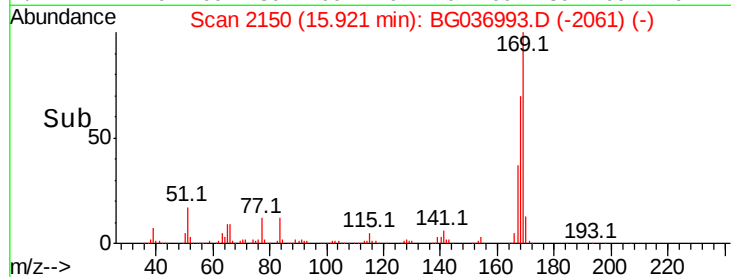
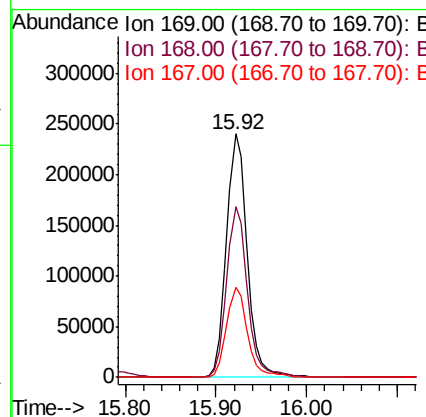
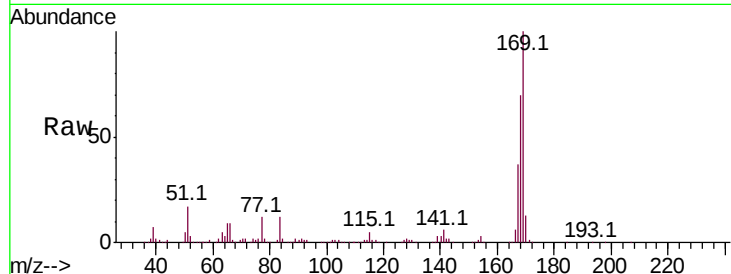
#65
n-Nitrosodiphenylamine
Concen: 49.654 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	70.2	57.6	86.4	
167	37.1	31.0	46.4	

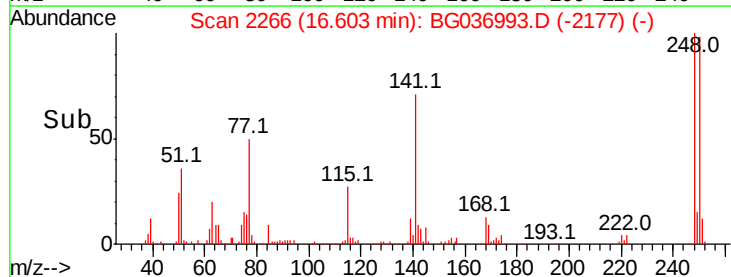
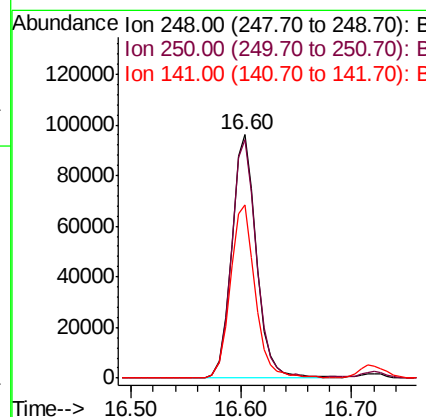
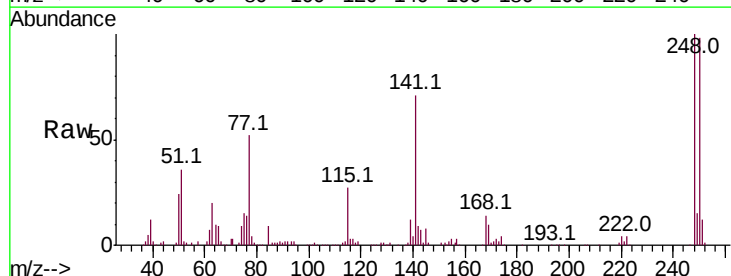
Manual Integrations
APPROVED

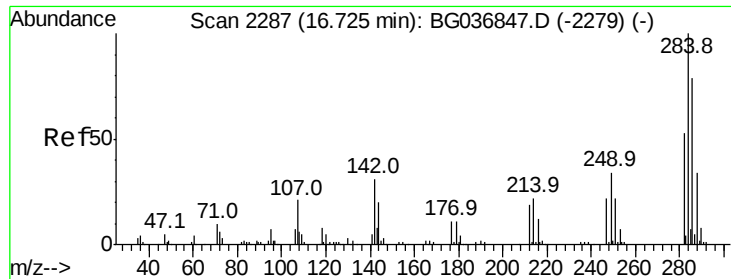
Sohil
9/27/2018 1:37:45 PM



#66
4-Bromophenyl-phenylether
Concen: 47.701 ng
RT: 16.60 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.8	78.1	117.1	
141	71.1	53.7	80.5	





#67

Hexachlorobenzene

Concen: 46.760 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

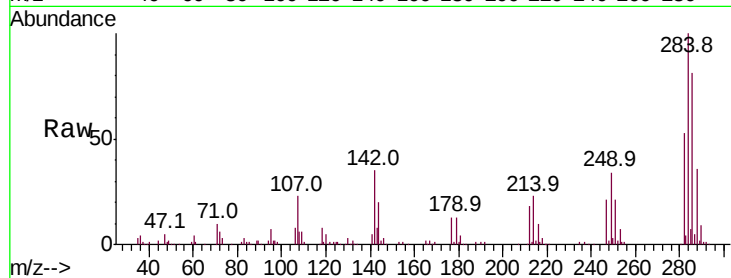
ClientSampled :

PB113238BS

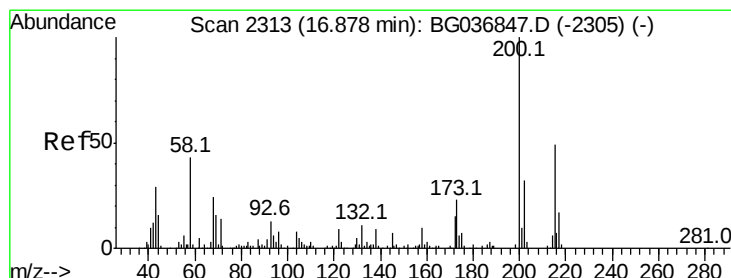
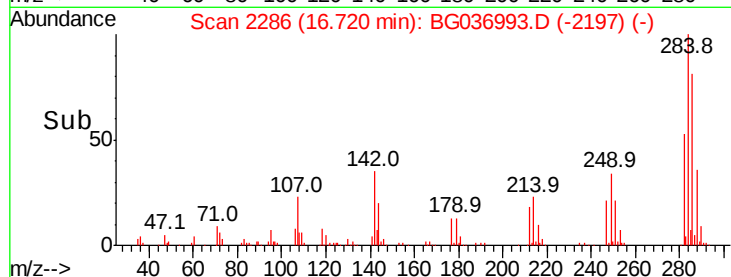
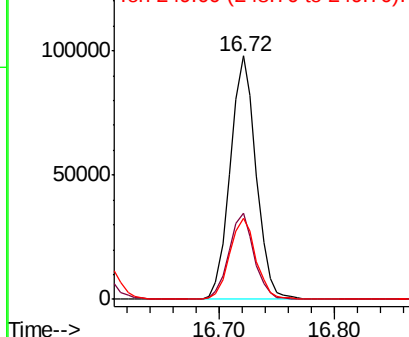
Tot Ion:	284	Resp:	151957
Ion Ratio		Lower	Upper
284	100		
142	35.2	27.8	41.6
249	33.5	27.4	41.2

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM



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



#68

Atrazine

Concen: 52.488 ng

RT: 16.87 min Scan# 2311

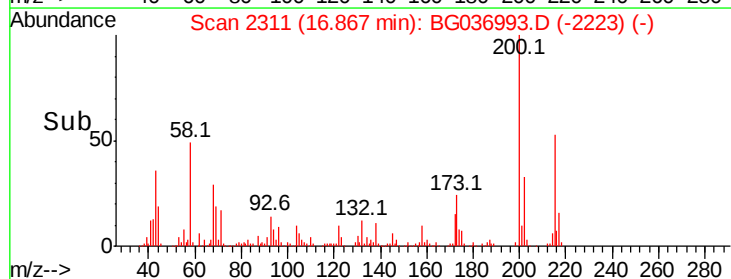
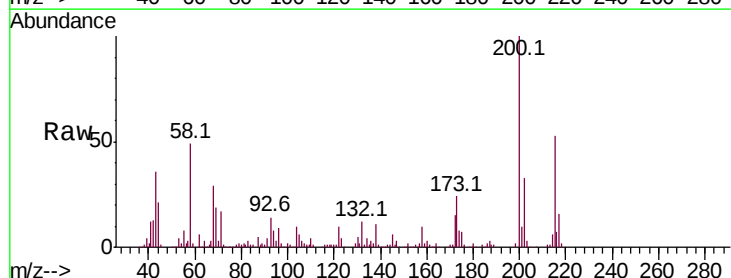
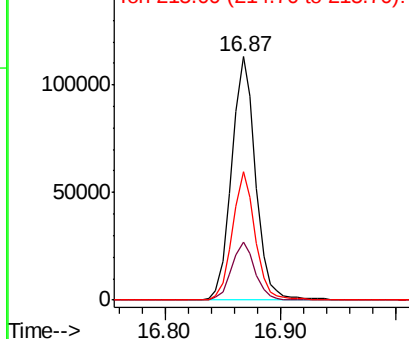
Delta R.T. -0.01 min

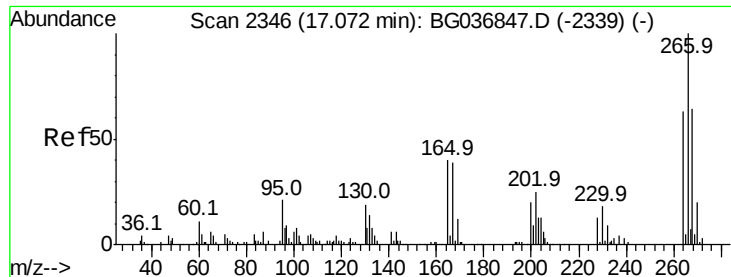
Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Tgt Ion:	200	Resp:	162760
Ion Ratio		Lower	Upper
200	100		
173	23.7	3.9	43.9
215	52.5	30.4	70.4

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





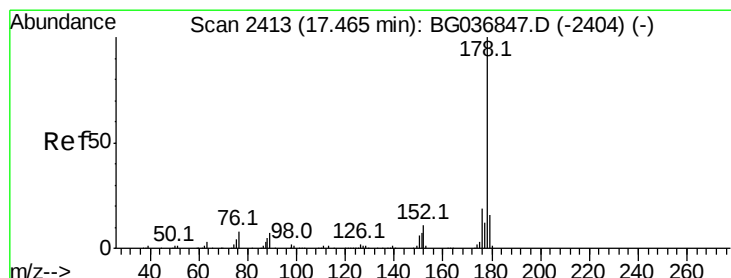
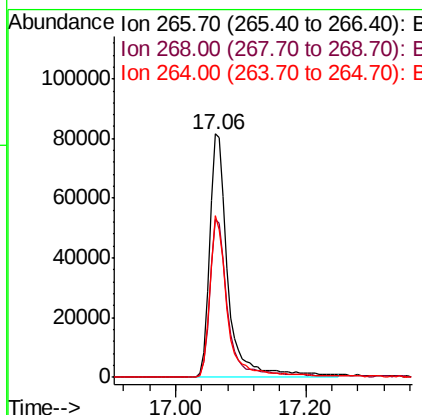
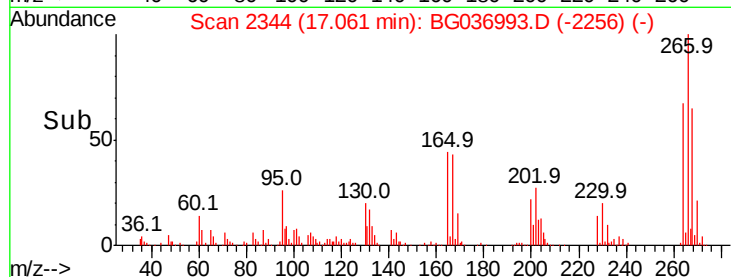
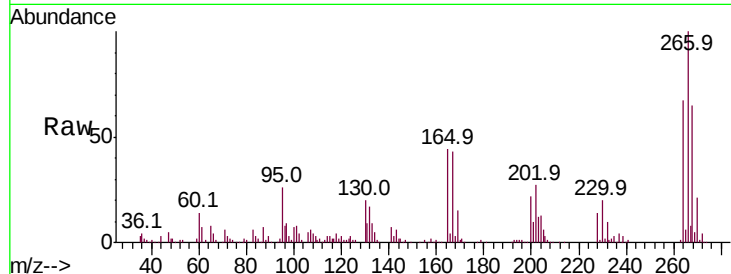
#69
 Pentachlorophenol
 Concen: 78.509 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BS

Tot Ion:	266	Resp:	160631
Ion Ratio	Lower	Upper	
266	100		
268	64.8	51.4	77.2
264	66.6	48.9	73.3

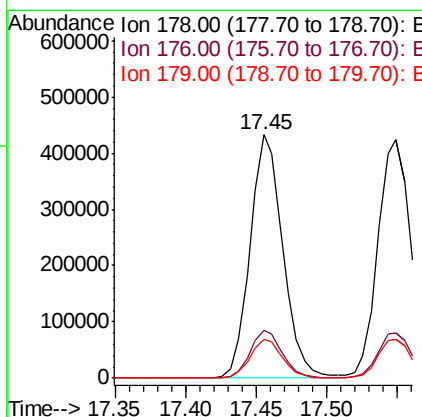
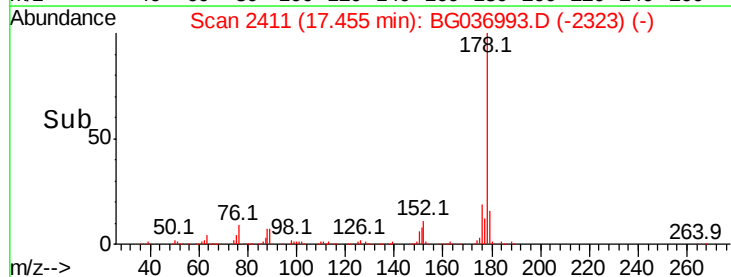
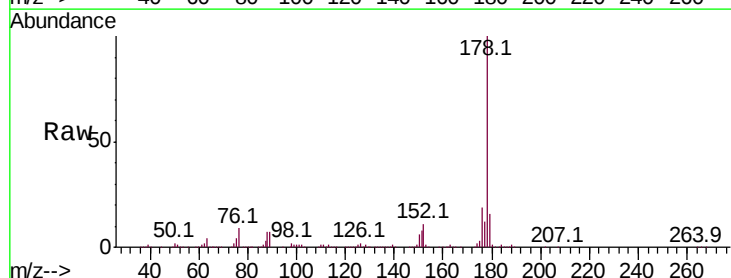
Manual Integrations
 APPROVED

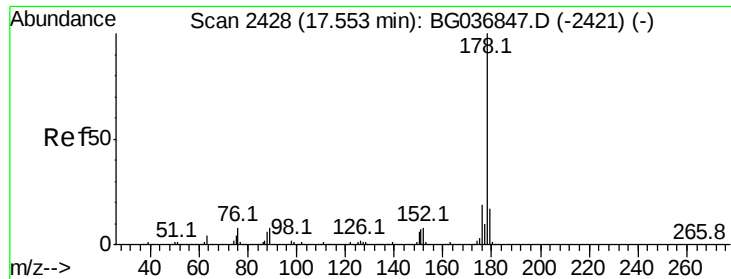
Sohil
 9/27/2018 1:37:45 PM



#70
 Phenanthrene
 Concen: 52.826 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion:	178	Resp:	706167
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.4	23.2
179	16.2	13.4	20.2





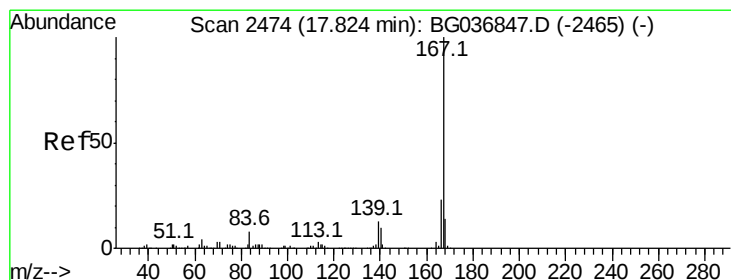
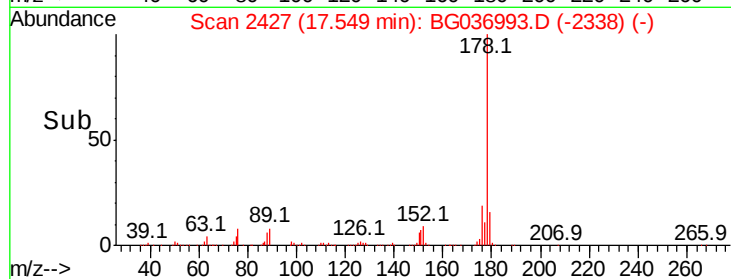
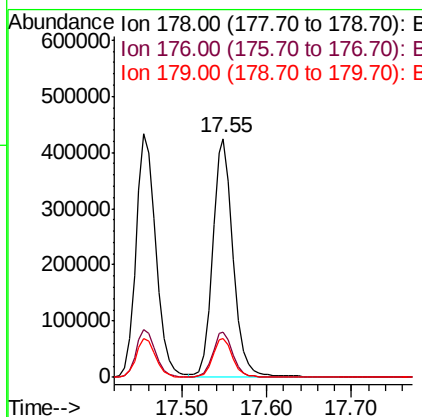
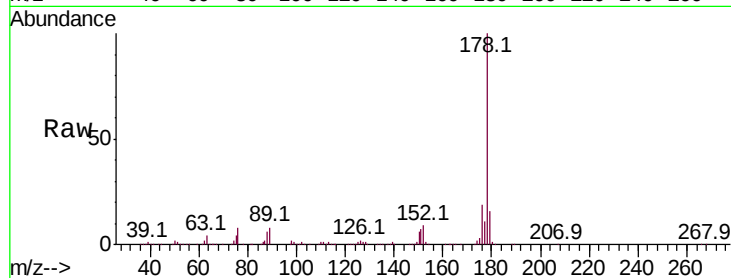
#71
 Anthracene
 Concen: 54.310 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleID :
 PB113238BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.2	13.0	19.4

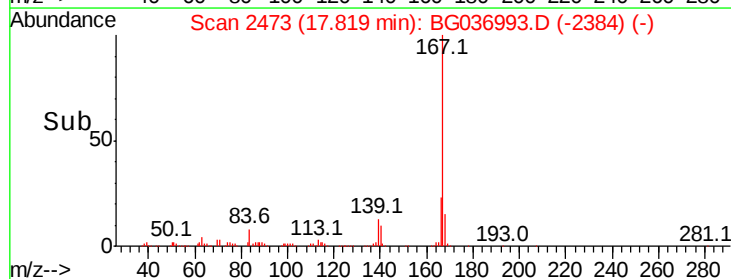
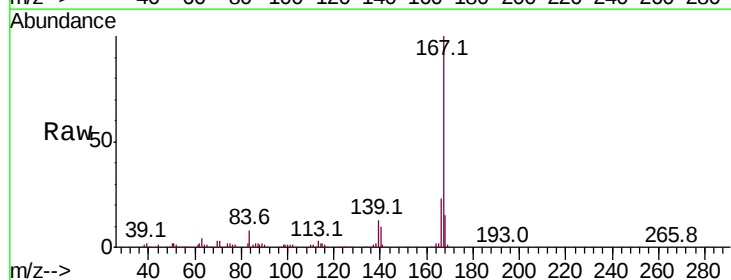
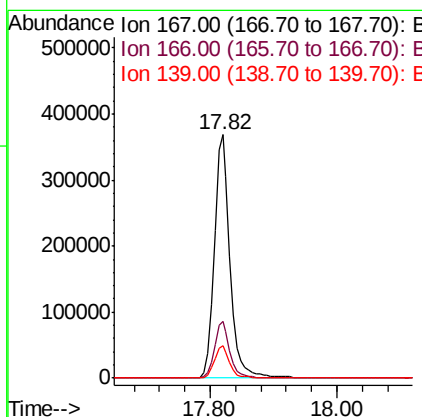
Manual Integrations
 APPROVED

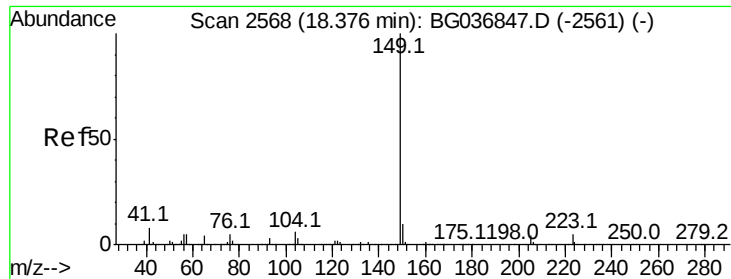
Sohil
 9/27/2018 1:37:45 PM



#72
 Carbazole
 Concen: 50.392 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.5	29.3
139	13.2	10.7	16.1





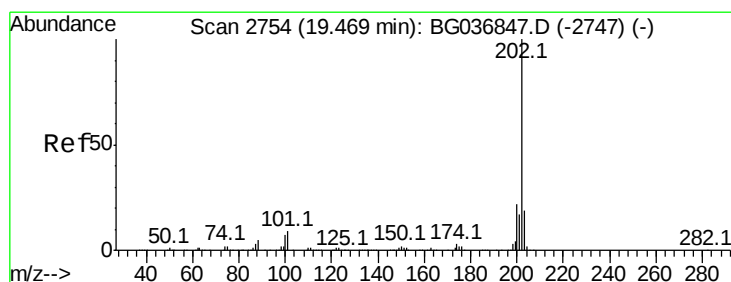
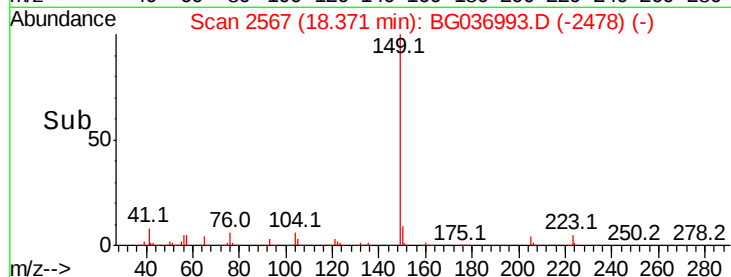
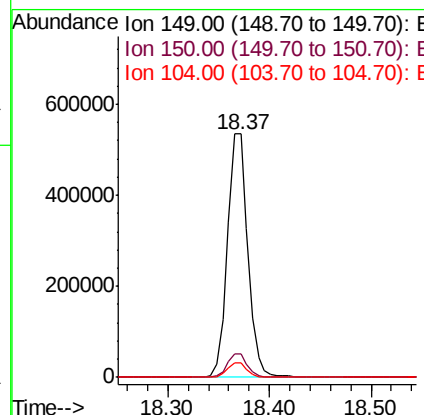
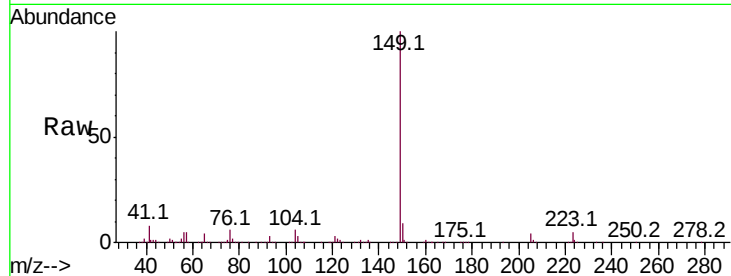
#73
Di-n-butylphthalate
Concen: 52.145 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion:	149	Resp:	746321
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.1	12.1
104	6.0	4.6	6.8

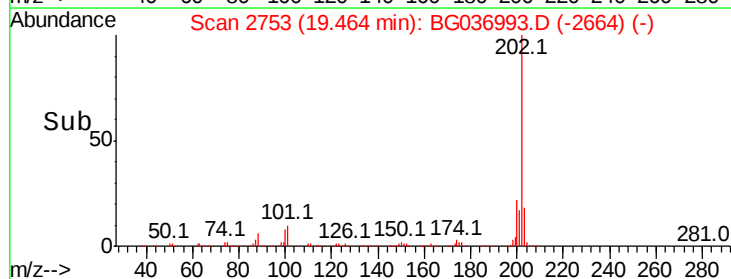
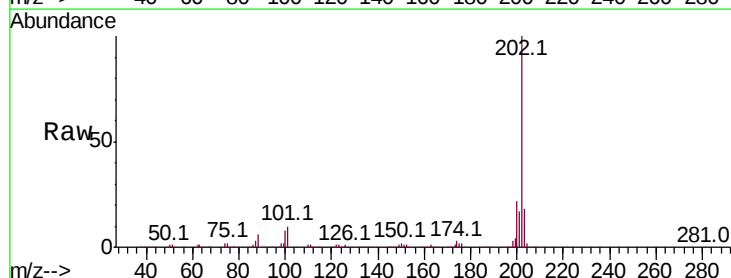
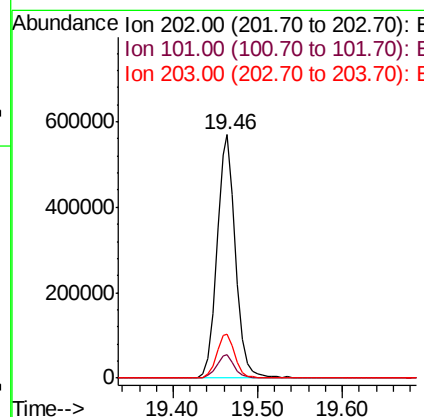
Manual Integrations
APPROVED

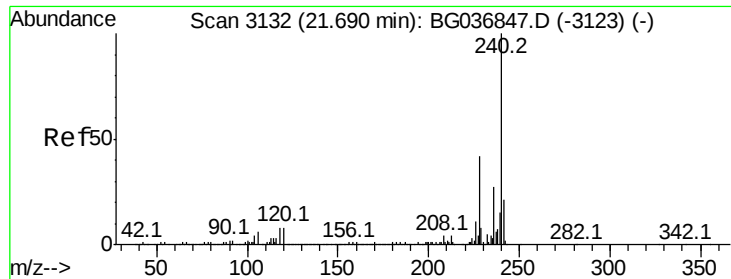
Sohil
9/27/2018 1:37:45 PM



#74
Fluoranthene
Concen: 54.363 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion:	202	Resp:	874760
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.4
203	18.3	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

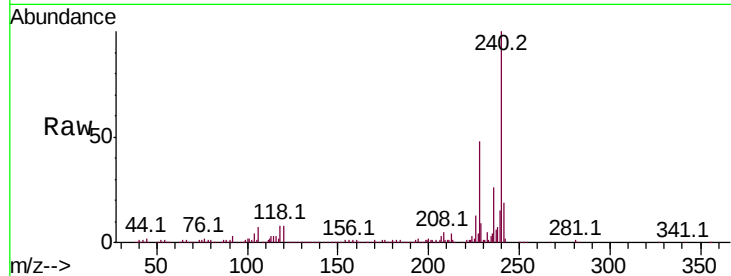
ClientSampleId :

PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	290550		
120	8.4	6.9	10.3	
236	26.2	21.2	31.8	

Manual Integrations
APPROVED

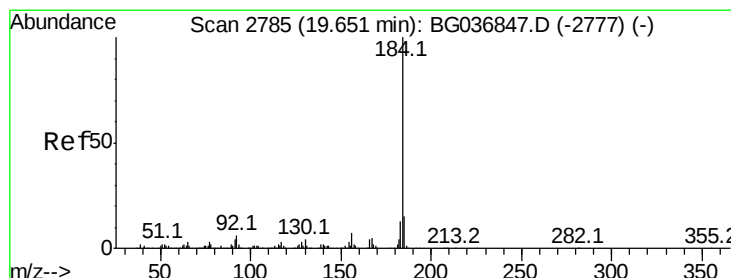
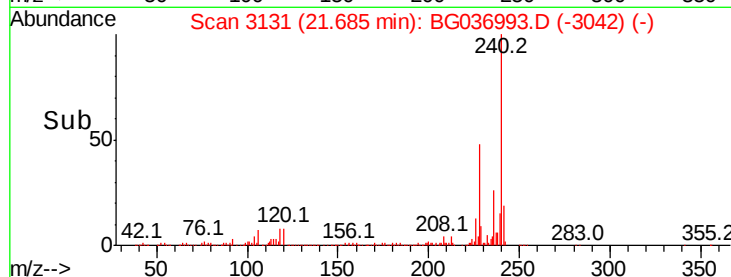
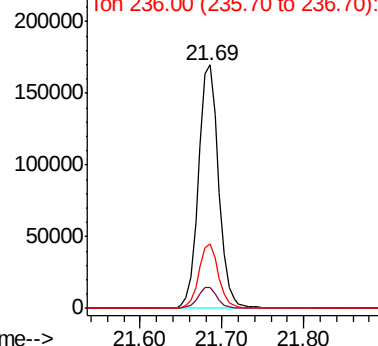
Sohil
9/27/2018 1:37:45 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.697 ng

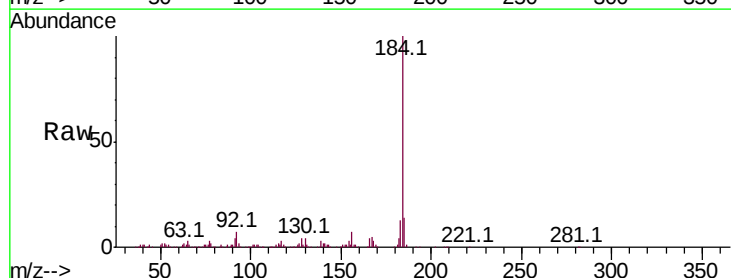
RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

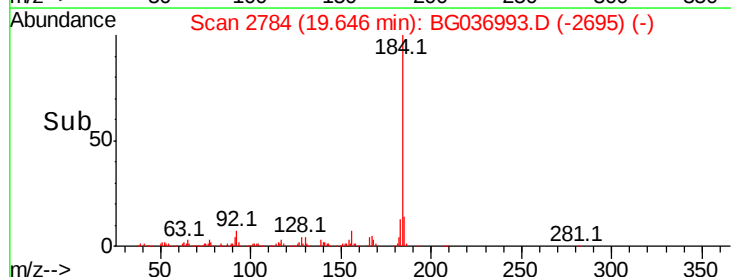
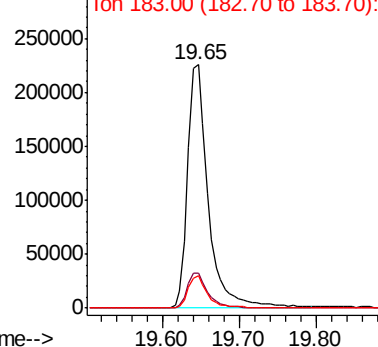
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	418933		
185	14.3	12.6	18.8	
183	13.5	10.9	16.3	

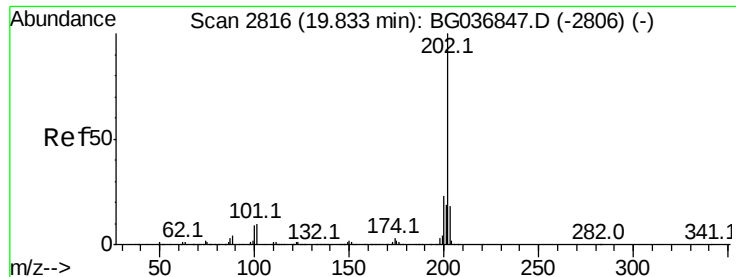


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.433 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

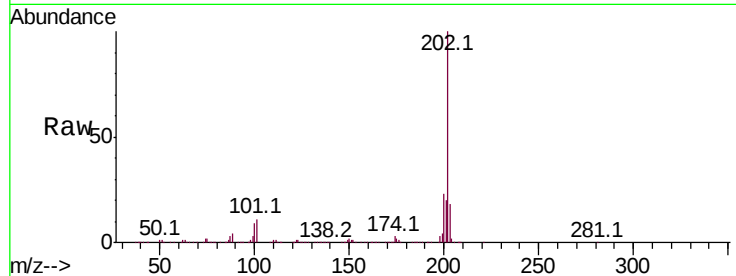
ClientSampleId :

PB113238BS

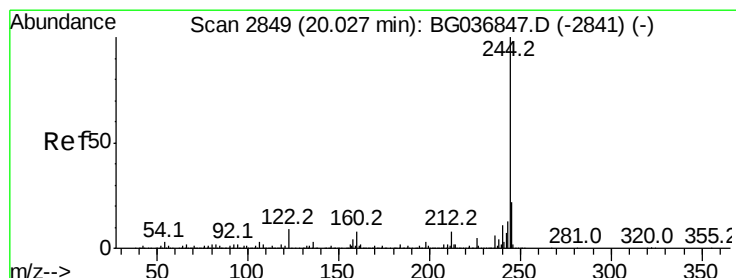
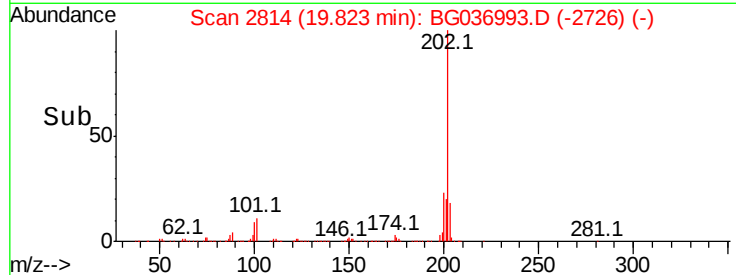
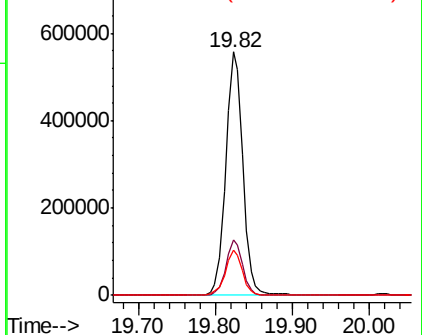
Tot Ion:	202	Resp:	861889
Ion Ratio		Lower	Upper
202	100		
200	22.8	18.3	27.5
203	18.5	15.1	22.7

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 103.166 ng

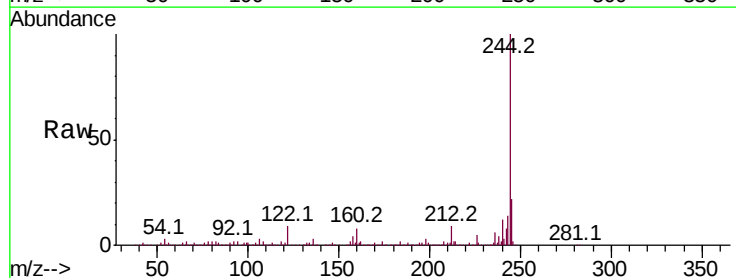
RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

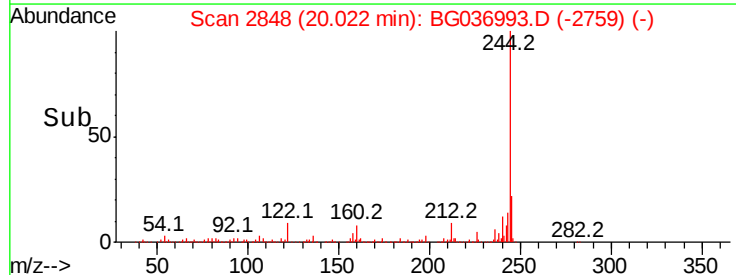
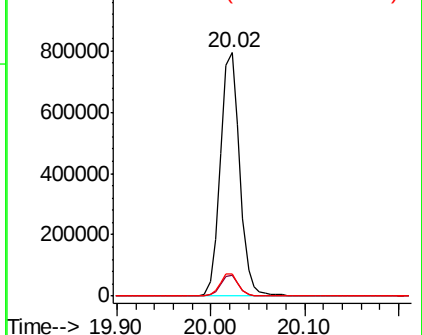
Lab File: BG036993.D

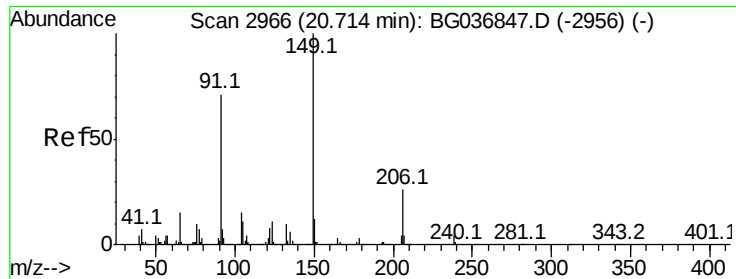
Acq: 26 Sep 2018 22:25

Tgt Ion:	244	Resp:	1139947
Ion Ratio		Lower	Upper
244	100		
212	8.7	7.0	10.6
122	8.9	7.1	10.7



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





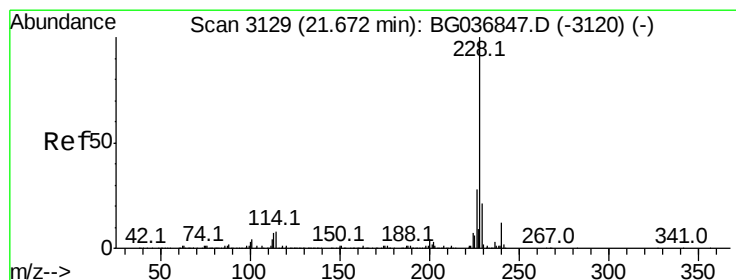
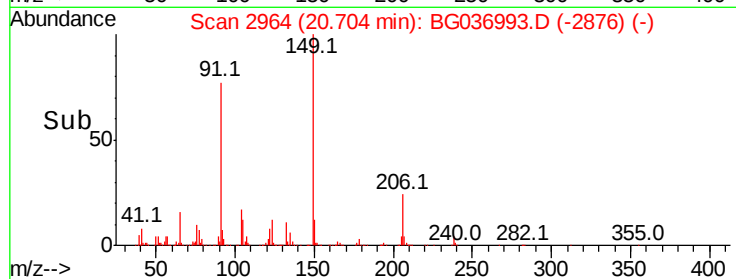
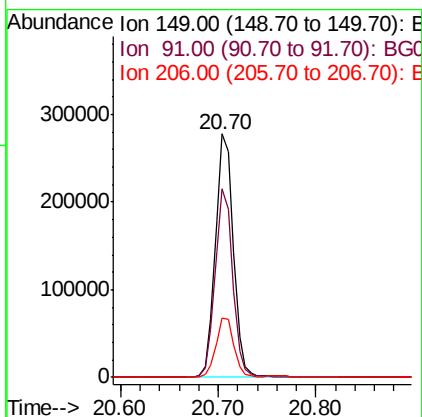
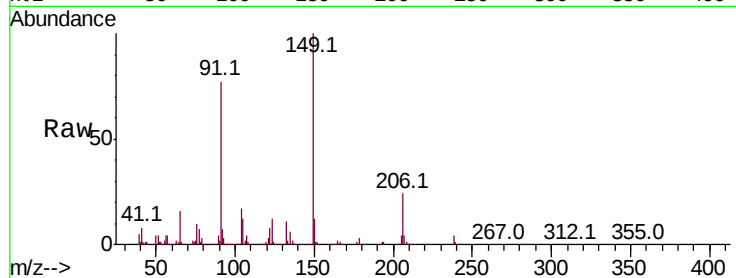
#79
Butylbenzylphthalate
Concen: 51.504 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	77.3	62.0	93.0	
206	24.4	19.6	29.4	

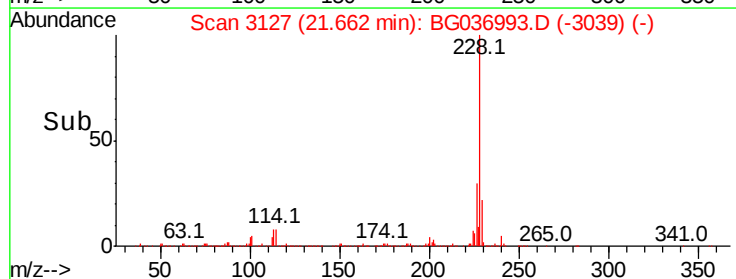
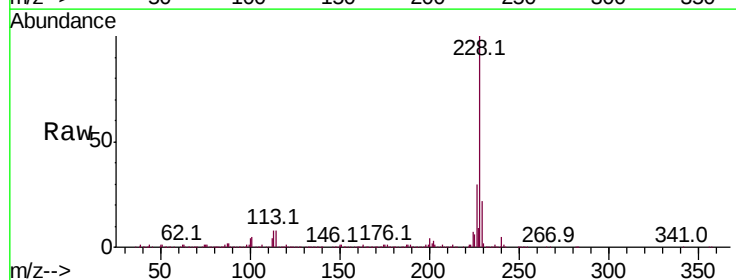
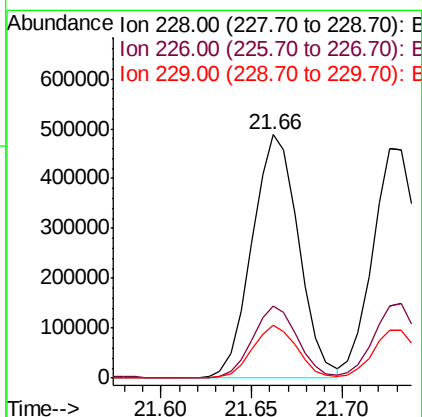
Manual Integrations
APPROVED

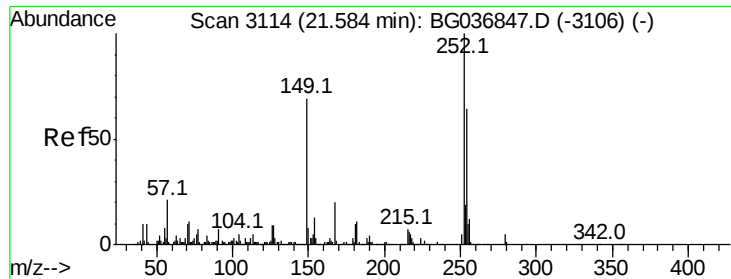
Sohil
9/27/2018 1:37:45 PM



#80
Benzo(a)anthracene
Concen: 51.269 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.7	23.4	35.2	
229	21.6	17.1	25.7	





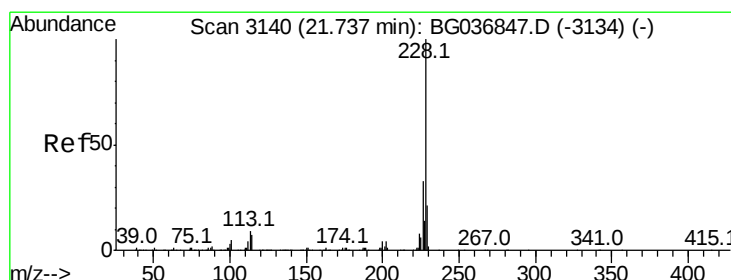
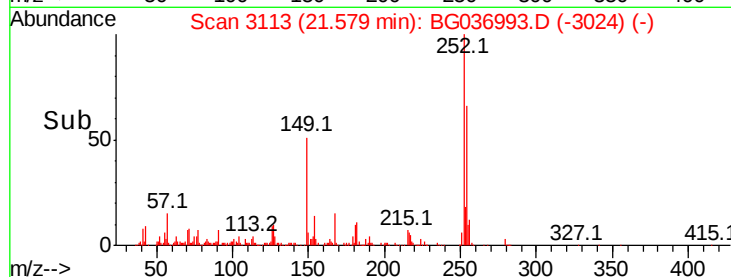
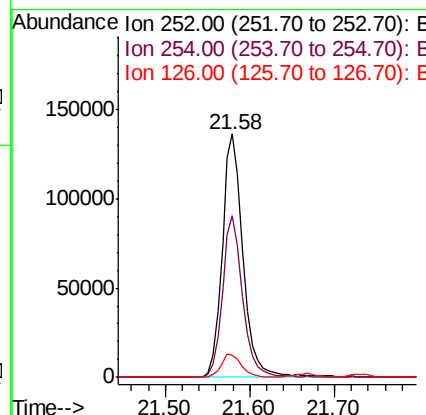
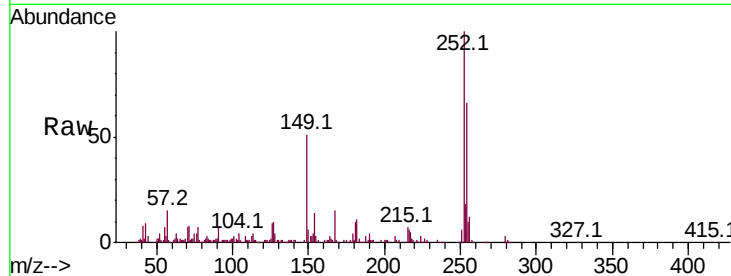
#81
 3,3'-Dichlorobenzidine
 Concen: 36.299 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	66.3	51.0	76.4	
126	9.3	7.4	11.0	

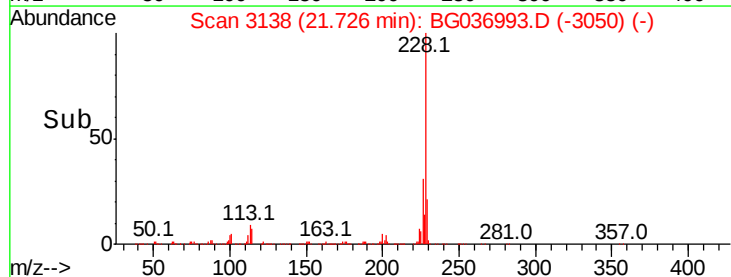
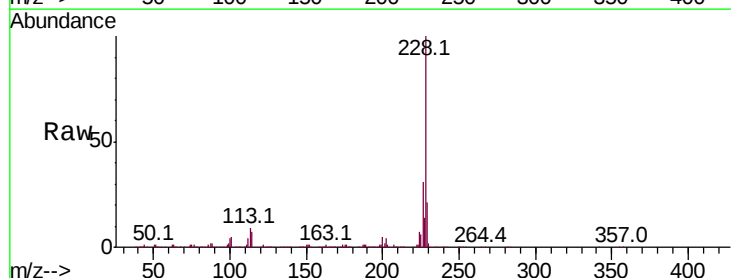
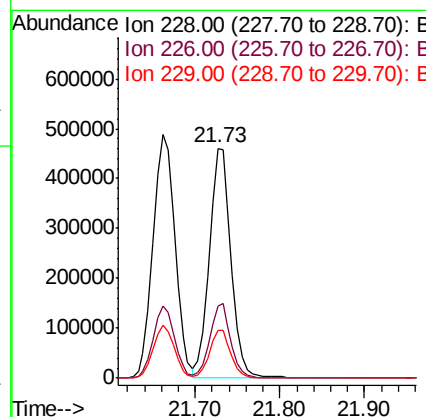
Manual Integrations
 APPROVED

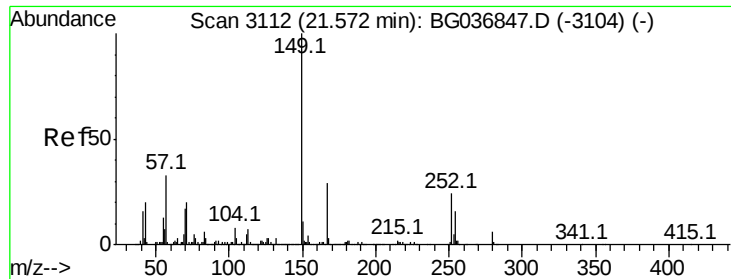
Sohil
 9/27/2018 1:37:45 PM



#82
 Chrysene
 Concen: 50.471 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.4	25.5	38.3	
229	21.0	16.9	25.3	





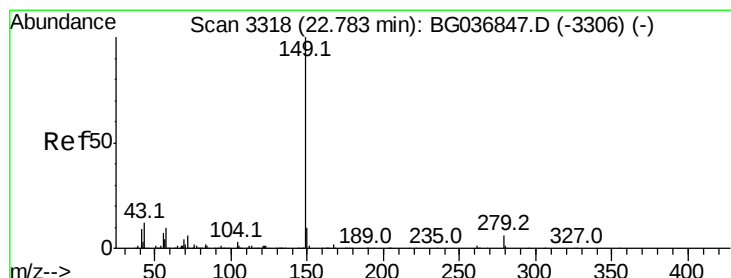
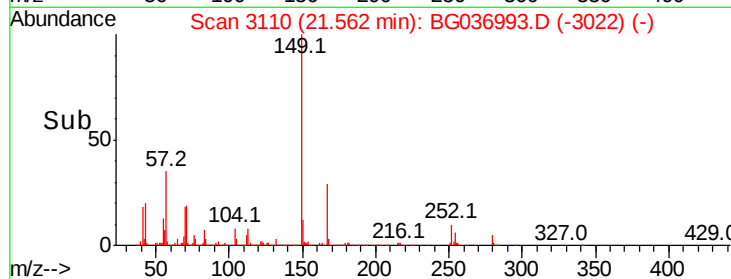
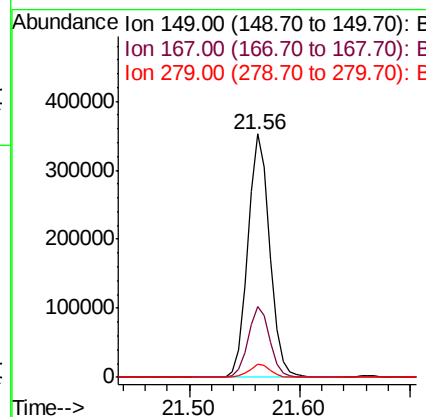
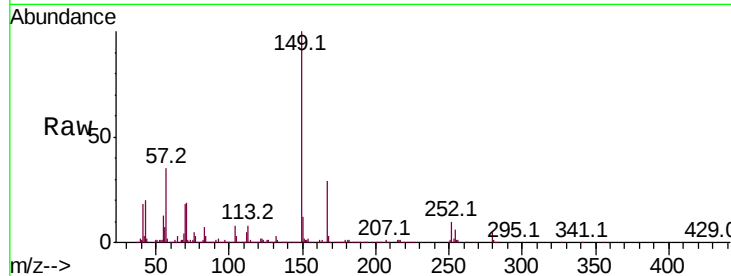
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.546 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.0	23.4	35.0	
279	5.3	4.6	7.0	

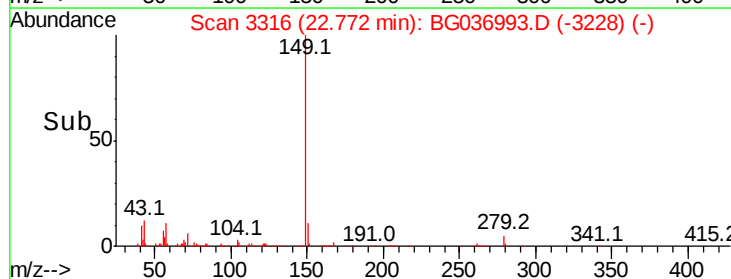
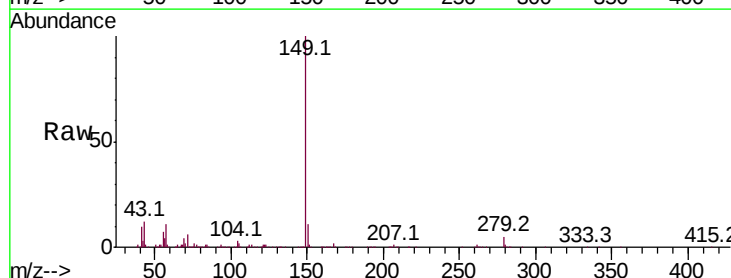
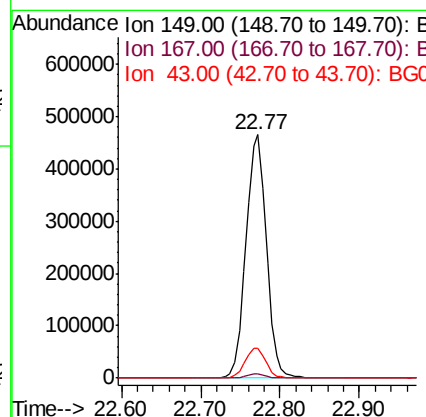
Manual Integrations
 APPROVED

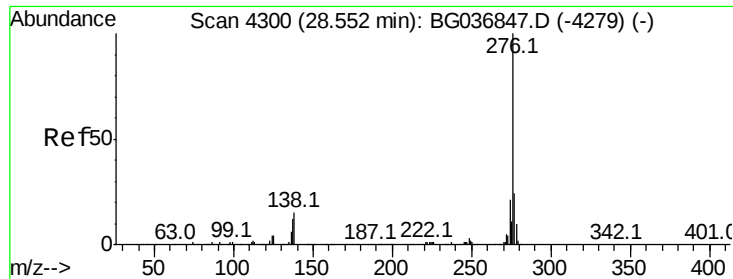
Sohil
 9/27/2018 1:37:45 PM



#84
 Di-n-octyl phthalate
 Concen: 51.988 ng
 RT: 22.77 min Scan# 3316
 Delta R.T. -0.01 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	12.4	10.0	15.0	





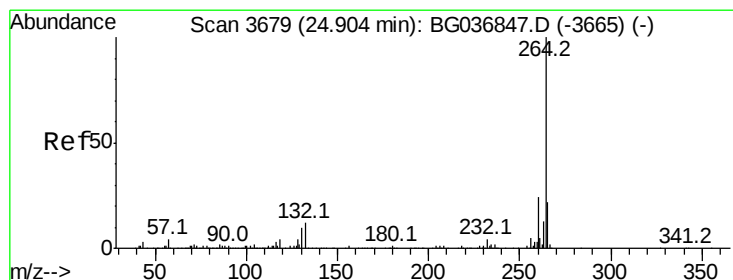
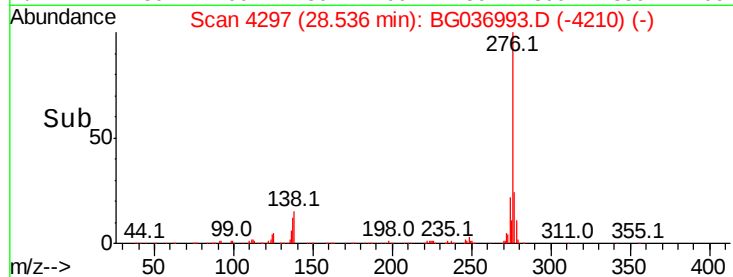
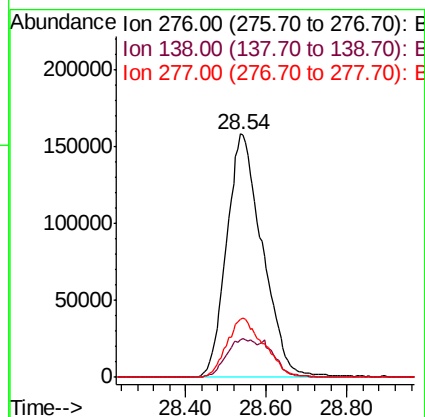
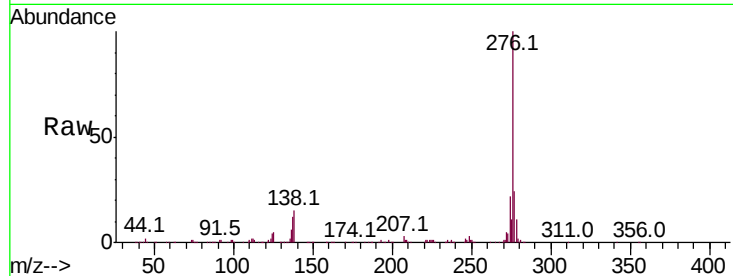
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.467 ng
 RT: 28.54 min Scan# 4297
 Delta R.T. -0.02 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Instrument :
 BNA_G
 ClientSampleId :
 PB113238BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.8	10.6	15.8
277	25.2	20.6	30.8

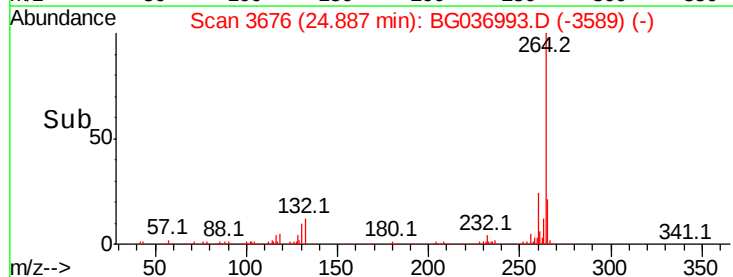
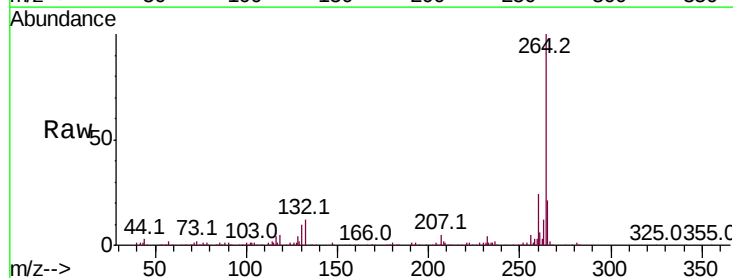
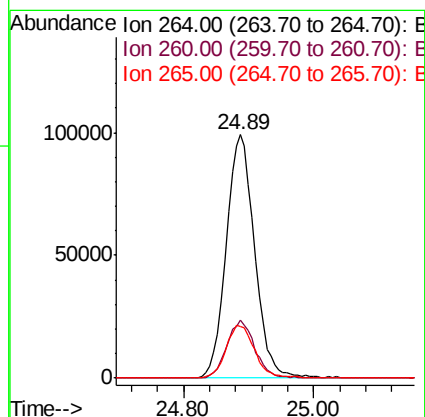
Manual Integrations
 APPROVED

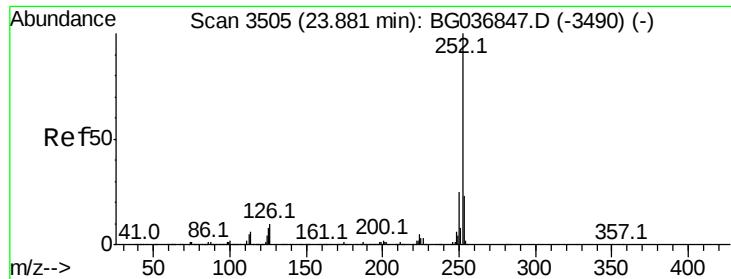
Sohil
 9/27/2018 1:37:45 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036993.D
 Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 53.970 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Instrument :

BNA_G

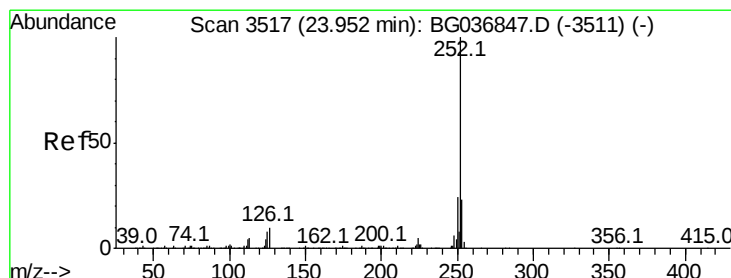
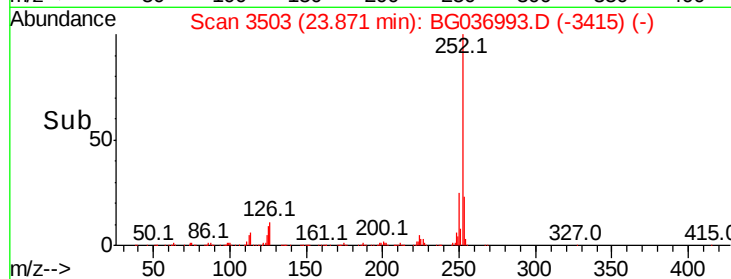
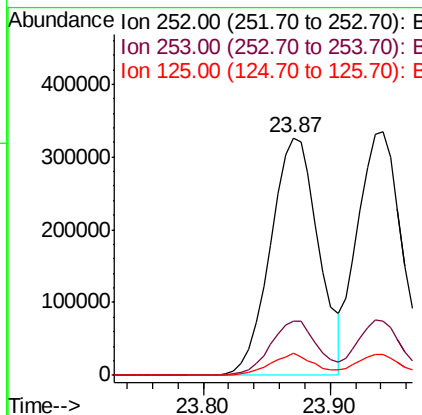
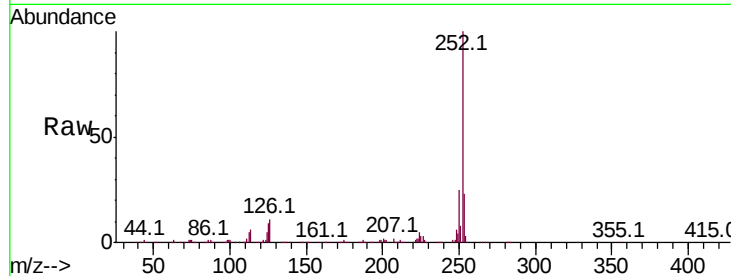
ClientSampleId :

PB113238BS

Tot Ion:	252	Resp:	860282
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	9.4	6.6	10.0

Manual Integrations
APPROVED

Sohil
9/27/2018 1:37:45 PM



#88

Benzo(k)fluoranthene

Concen: 51.541 ng

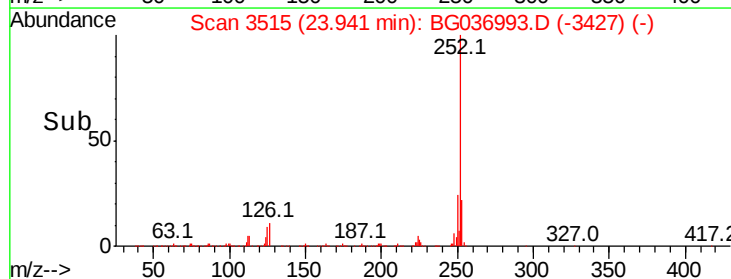
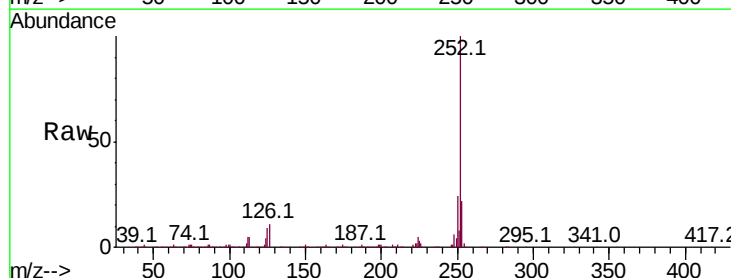
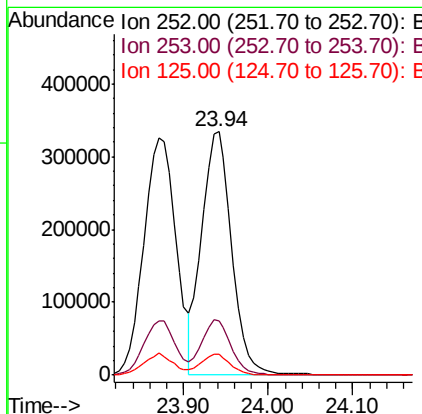
RT: 23.94 min Scan# 3515

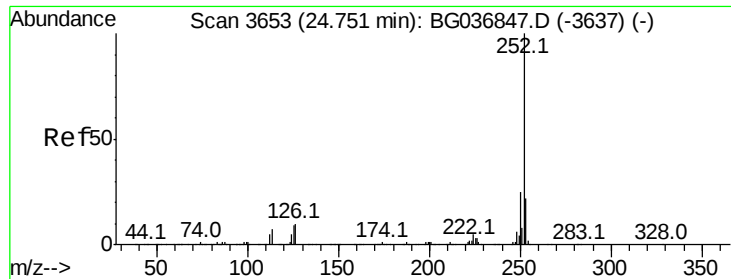
Delta R.T. -0.01 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Tgt Ion:	252	Resp:	824258
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	8.5	7.0	10.6





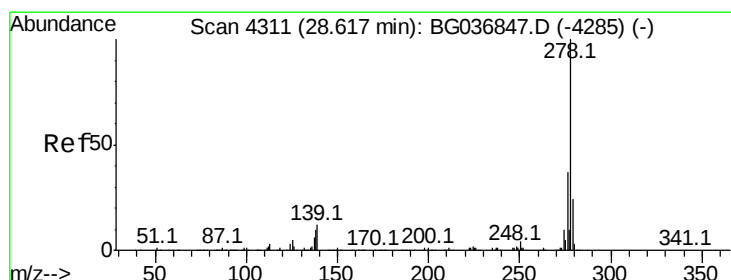
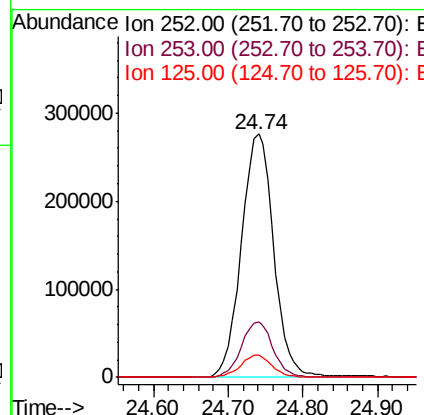
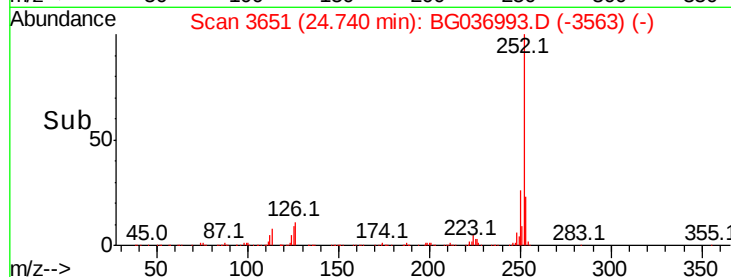
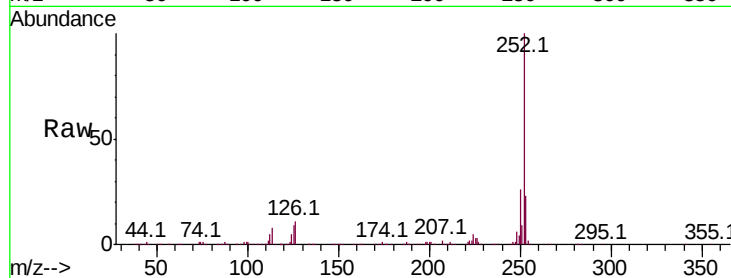
#89
Benzo(a)pyrene
Concen: 53.965 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Instrument :
BNA_G
ClientSampleId :
PB113238BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.0	7.3	10.9

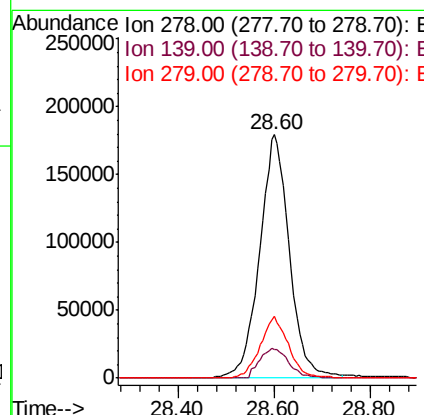
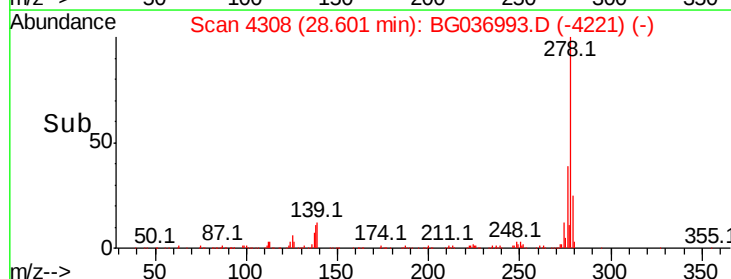
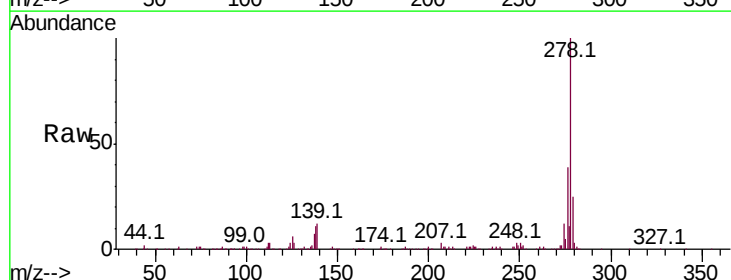
Manual Integrations
APPROVED

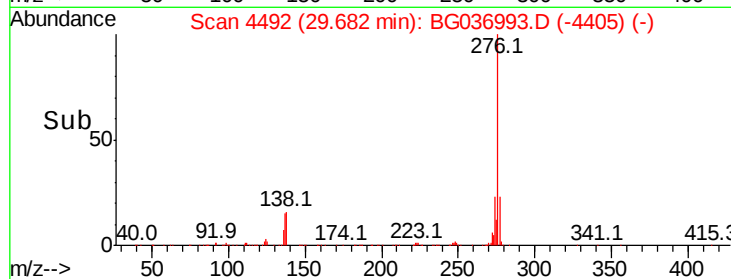
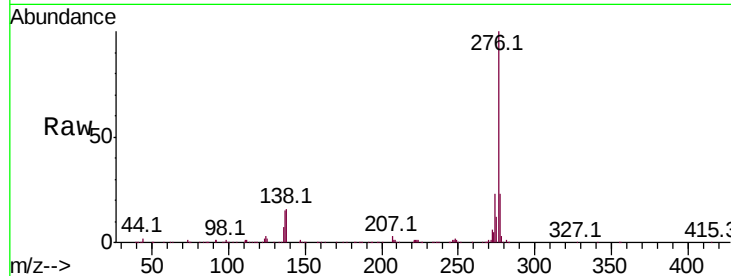
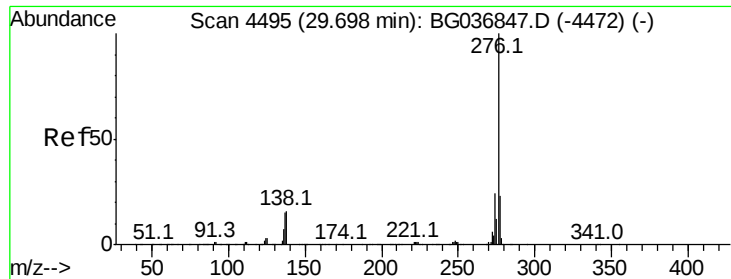
Sohil
9/27/2018 1:37:45 PM



#90
Dibenzo(a,h)anthracene
Concen: 53.645 ng
RT: 28.60 min Scan# 4308
Delta R.T. -0.02 min
Lab File: BG036993.D
Acq: 26 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.6	11.0	16.4
279	25.5	18.7	28.1





#91

Benzo(a,h,i)perylene

Concen: 55.683 ng

RT: 29.68 min Scan# 4492

Delta R.T. -0.02 min

Lab File: BG036993.D

Acq: 26 Sep 2018 22:25

Tot Ion:	276	Resp:	807127
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.4	27.6
138	16.3	14.6	22.0

Instrument :

BNA_G

ClientSampleId :

PB113238BS

Manual Integrations
APPROVED

Sohil

9/27/2018 1:37:45 PM

