

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036877.D
 Acq On : 22 Sep 2018 3:11
 Operator : JU/SJ
 Sample : J4778-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Manual Integrations
 APPROVED

Sohil
 9/24/2018 9:29:49 AM

Quant Time: Sep 22 05:17:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	42158	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	177643	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	128253	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	336490	20.00	ng	0.00
75) Chrysene-d12	21.69	240	337513	20.00	ng	0.00
86) Perylene-d12	24.89	264	350934	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	299833	136.40	ng	0.00
7) Phenol-d6	7.21	99	403904	118.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	290870	87.68	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	221408	144.29	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	691556	80.31	ng	0.00
78) Terphenyl-d14	20.02	244	1287115	100.28	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.54	88	41742	41.498	ng	# 87
3) Pyridine	3.94	79	90664	31.216	ng	98
4) n-Nitrosodimethylamine	3.84	42	61868	47.927	ng	# 93
6) Aniline	7.37	93	86910	19.693	ng	94
8) 2-Chlorophenol	7.61	128	125451	49.149	ng	97
9) Benzaldehyde	7.19	77	39146	17.418	ng	99
10) Phenol	7.24	94	156951	44.714	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	128062	39.441	ng	98
12) 1,3-Dichlorobenzene	7.94	146	128200	40.968	ng	99
13) 1,4-Dichlorobenzene	8.08	146	133741	41.763	ng	96
14) 1,2-Dichlorobenzene	8.40	146	127419	41.059	ng	97
15) Benzyl Alcohol	8.28	79	125702	45.549	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	250987	40.264	ng	97
17) 2-Methylphenol	8.49	107	116104	47.486	ng	98
18) Hexachloroethane	9.13	117	49011	41.589	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	120471	42.579	ng	91
20) 3+4-Methylphenols	8.81	107	162022	47.633	ng	97
22) Acetophenone	8.87	105	212179	50.827	ng	# 98
24) Nitrobenzene	9.25	77	168036	47.434	ng	97
25) Isophorone	9.77	82	339241	55.968	ng	98
26) 2-Nitrophenol	9.96	139	74403	52.692	ng	99
27) 2,4-Dimethylphenol	10.02	122	137644	62.579	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	191962	51.324	ng	97
29) 2,4-Dichlorophenol	10.50	162	147126	57.702	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	143797	45.065	ng	97
31) Naphthalene	10.90	128	426893	50.506	ng	99
32) Benzoic acid	10.16	122	47405	30.539	ng	93
33) 4-Chloroaniline	11.03	127	10596	2.757	ng	96
34) Hexachlorobutadiene	11.19	225	96556	43.757	ng	99
35) Caprolactam	11.79	113	46526m	44.334	ng	
36) 4-Chloro-3-methylphenol	12.13	107	170874	56.165	ng	99
37) 2-Methylnaphthalene	12.50	142	342125	53.146	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	193571	43.273	ng	99
40) Hexachlorocyclopentadiene	12.85	237	240666	104.610	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036877.D
 Acq On : 22 Sep 2018 3:11
 Operator : JU/SJ
 Sample : J4778-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

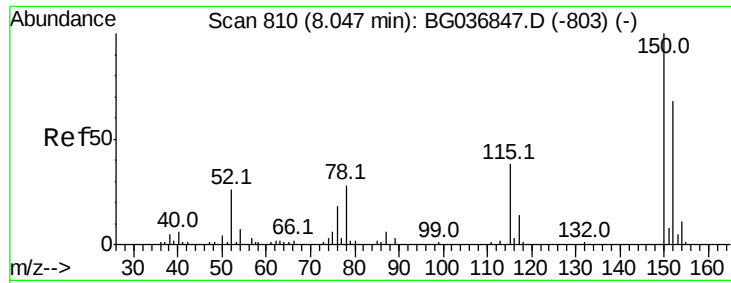
Manual Integrations
 APPROVED

Sohil
 9/24/2018 9:29:49 AM

Quant Time: Sep 22 05:17:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	131135	52.792	nq	97
43) 2,4,5-Trichlorophenol	13.18	196	147211	55.578	nq	98
45) 1,1'-Biphenyl	13.51	154	452049	46.022	nq	99
46) 2-Chloronaphthalene	13.55	162	346104	44.806	nq	99
47) 2-Nitroaniline	13.75	65	132561	49.616	nq	98
48) Acenaphthylene	14.40	152	604681	49.956	nq	98
49) Dimethylphthalate	14.12	163	507406	49.151	nq	99
50) 2,6-Dinitrotoluene	14.25	165	111763	49.619	nq	94
51) Acenaphthene	14.74	154	350150	47.864	nq	99
52) 3-Nitroaniline	14.58	138	29843	12.574	nq	93
53) 2,4-Dinitrophenol	14.79	184	105101	97.695	nq	99
54) Dibenzofuran	15.07	168	581307	46.978	nq	99
55) 4-Nitrophenol	14.89	139	151359	99.823	nq	100
56) 2,4-Dinitrotoluene	15.04	165	157988	50.267	nq	91
57) Fluorene	15.72	166	474075	51.258	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	148310	55.196	nq	96
59) Diethylphthalate	15.49	149	503532	48.359	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	268873	45.905	nq	99
61) 4-Nitroaniline	15.75	138	110377	44.211	nq	97
62) Azobenzene	16.00	77	487599	48.737	nq	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	84341	47.942	nq	99
65) n-Nitrosodiphenylamine	15.93	169	435085	46.836	nq	99
66) 4-Bromophenyl-phenylether	16.61	248	179530	46.907	nq	96
67) Hexachlorobenzene	16.73	284	182407	46.273	nq	95
68) Atrazine	16.87	200	173586	46.149	nq	98
69) Pentachlorophenol	17.07	266	212569	85.649	nq	96
70) Phenanthrene	17.46	178	816825	50.374	nq	99
71) Anthracene	17.56	178	823151	51.338	nq	99
72) Carbazole	17.83	167	739427	47.299	nq	99
73) Di-n-butylphthalate	18.37	149	847249	48.802	nq	99
74) Fluoranthene	19.47	202	993976	50.924	nq	100
76) Benzidine	19.67	184	100821	9.882	nq	97
77) Pyrene	19.83	202	978694	48.322	nq	99
79) Butylbenzylphthalate	20.71	149	394115	48.819	nq	96
80) Benzo(a)anthracene	21.67	228	984898	49.989	nq	99
81) 3,3'-Dichlorobenzidine	21.59	252	175578	23.412	nq	99
82) Chrysene	21.74	228	919140	48.284	nq	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	535907	47.519	nq	99
84) Di-n-octyl phthalate	22.78	149	918057	49.442	nq	97
85) Indeno(1,2,3-cd)pyrene	28.56	276	1114907	54.540	nq	# 94
87) Benzo(b)fluoranthene	23.88	252	960960	51.382	nq	98
88) Benzo(k)fluoranthene	23.95	252	945711	50.403	nq	99
89) Benzo(a)pyrene	24.75	252	940113	51.995	nq	100
90) Dibenzo(a,h)anthracene	28.62	278	904206	53.360	nq	98
91) Benzo(g,h,i)perylene	29.70	276	924648	54.370	nq	97

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



#1

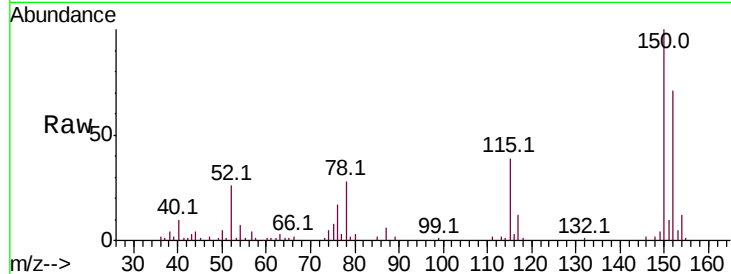
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.1	119.5	179.3
115	55.6	44.5	66.7

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM

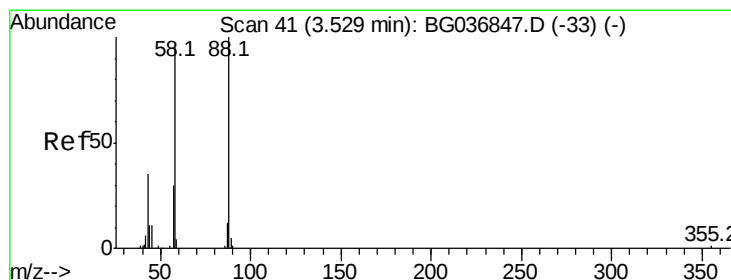
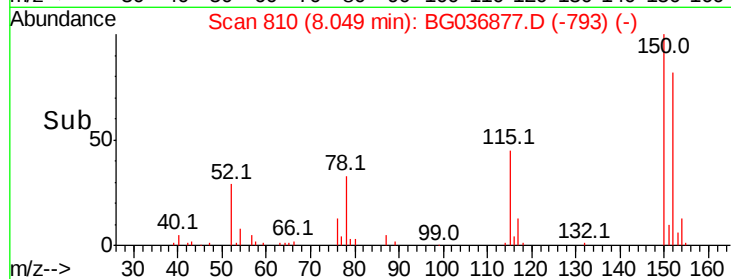
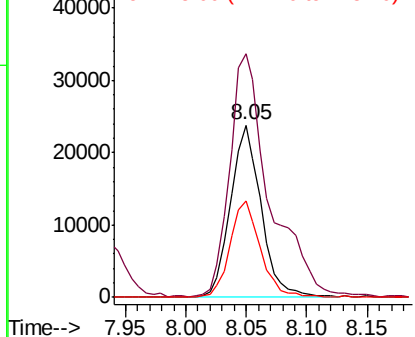


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

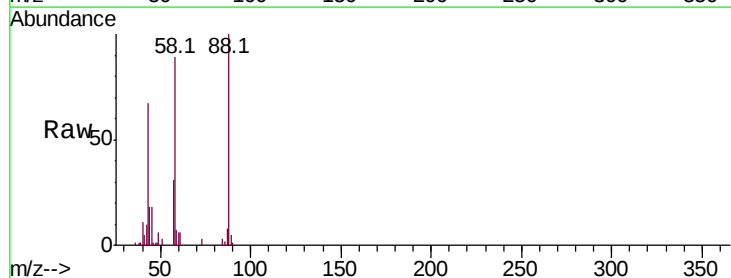
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.498 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	72.6	109.0
43	56.9	29.0	43.4#

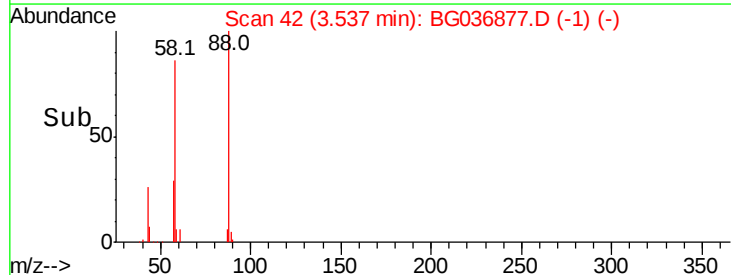
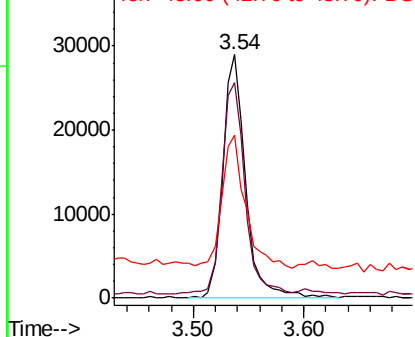


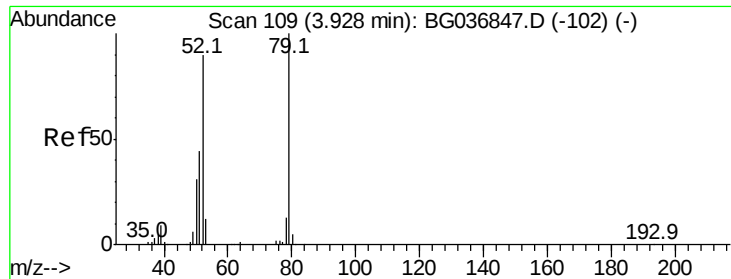
Abundance

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: 31.216 ng

RT: 3.94 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

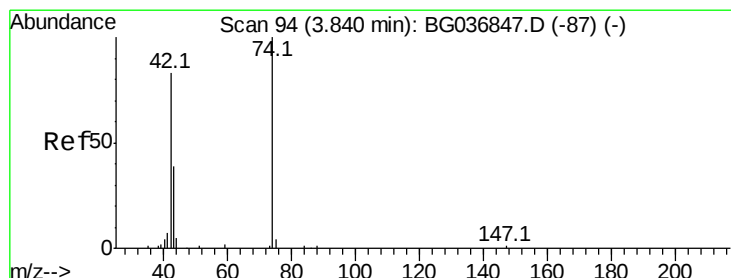
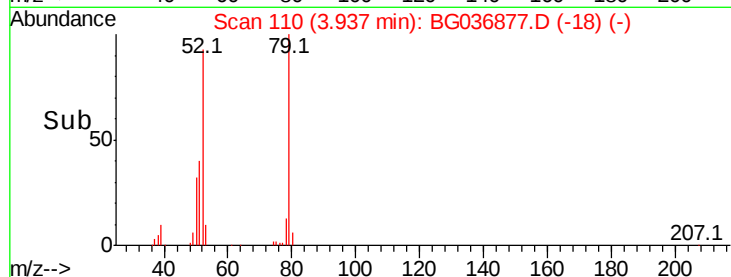
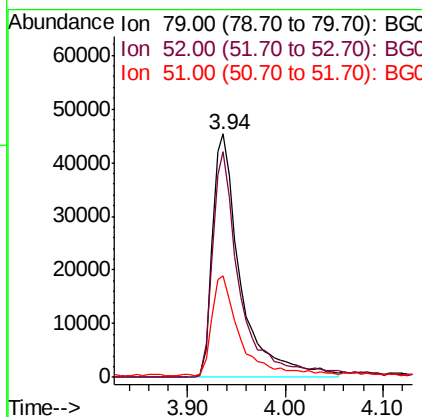
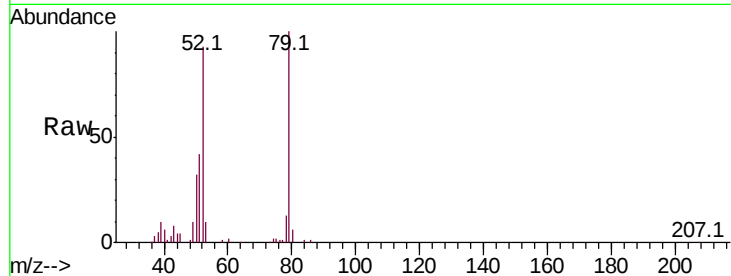
ClientSampleId :

SA-01-091918MSD

Tot Ion:	79	Resp:	90664
Ion Ratio	Lower	Upper	
79	100		
52	92.7	72.3	108.5
51	41.6	33.8	50.6

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



#4

n-Nitrosodimethylamine

Concen: 47.927 ng

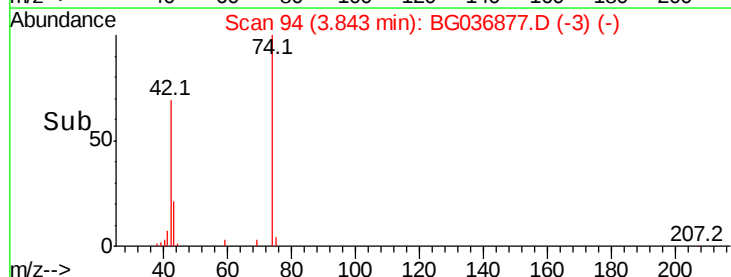
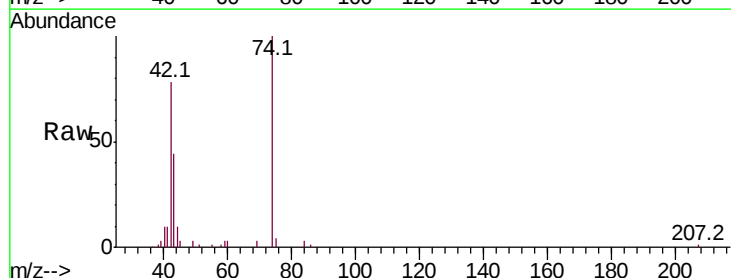
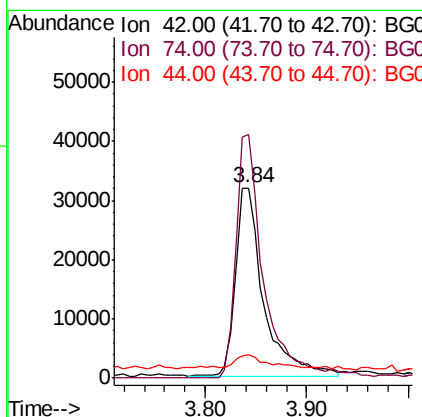
RT: 3.84 min Scan# 94

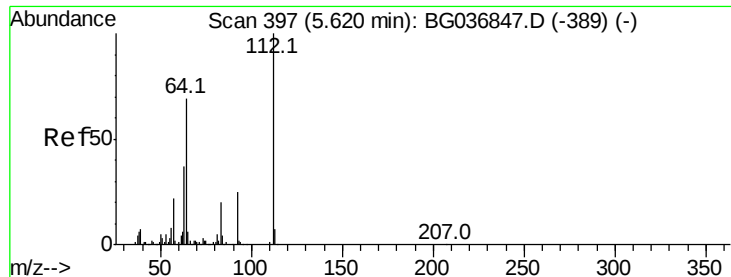
Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Tgt Ion:	42	Resp:	61868
Ion Ratio	Lower	Upper	
42	100		
74	127.8	96.6	145.0
44	12.6	7.0	10.4





#5

2-Fluorophenol

Concen: 136.395 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

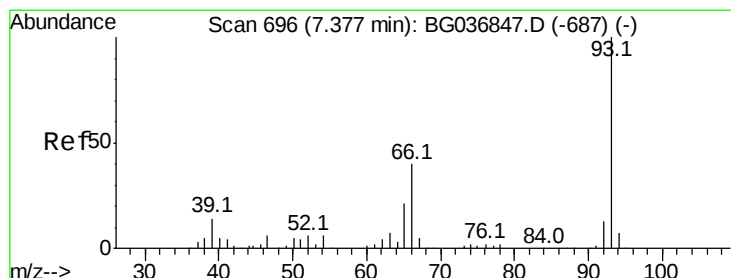
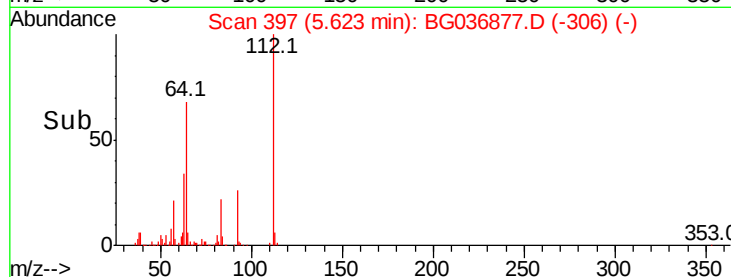
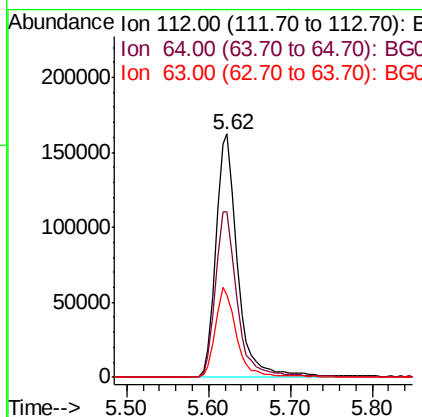
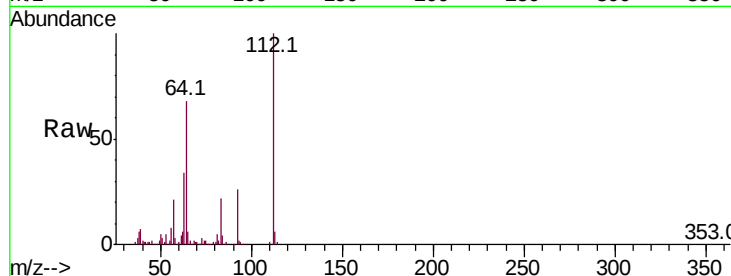
ClientSampleId :

SA-01-091918MSD

Tot Ion:	112	Resp:	299833
Ion Ratio	Lower	Upper	
112	100		
64	68.1	57.2	85.8
63	34.1	30.8	46.2

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



#6

Aniline

Concen: 19.693 ng

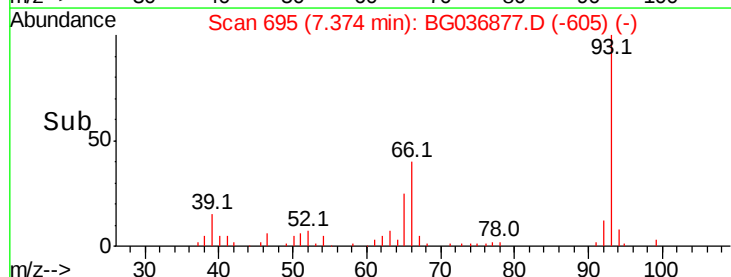
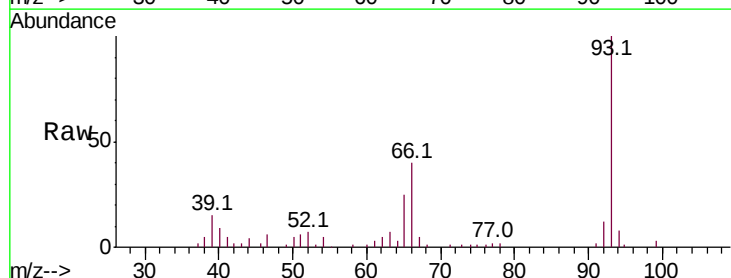
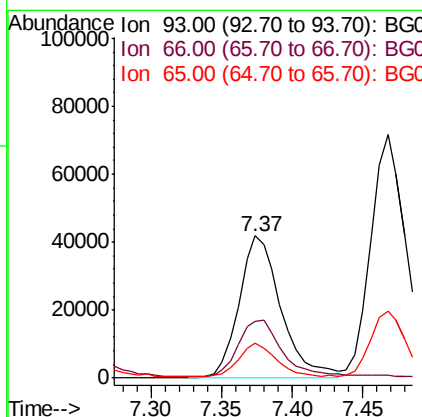
RT: 7.37 min Scan# 695

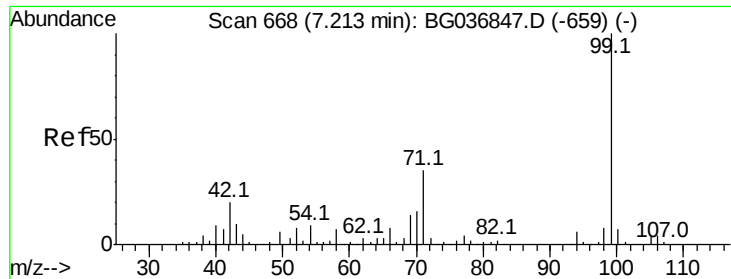
Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Tgt Ion:	93	Resp:	86910
Ion Ratio	Lower	Upper	
93	100		
66	39.6	35.0	52.4
65	24.6	17.6	26.4





#7

Phenol-d6

Concen: 118.757 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

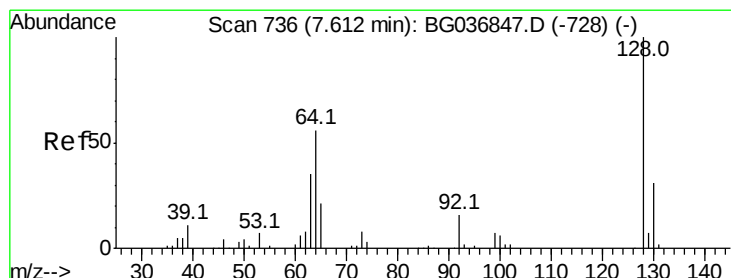
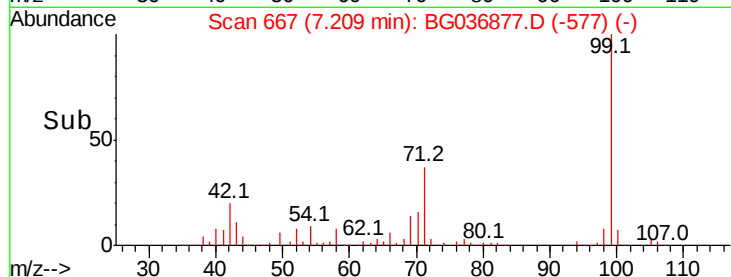
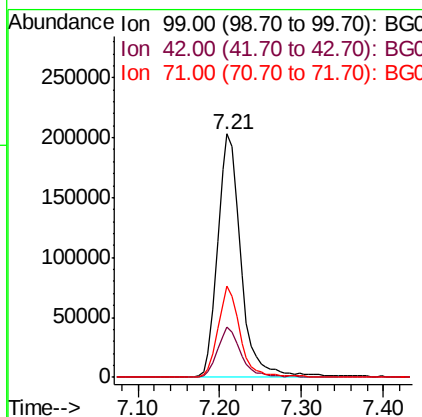
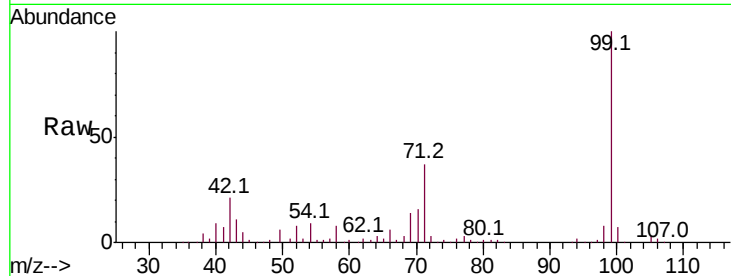
ClientSampleId :

SA-01-091918MSD

Tot Ion:	99	Resp:	403904
Ion Ratio	Lower	Upper	
99	100		
42	20.6	16.5	24.7
71	37.3	29.4	44.2

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



#8

2-Chlorophenol

Concen: 49.149 ng

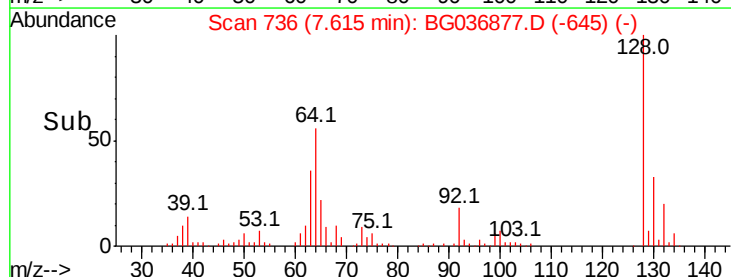
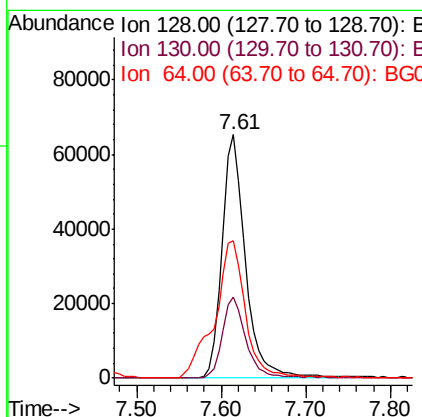
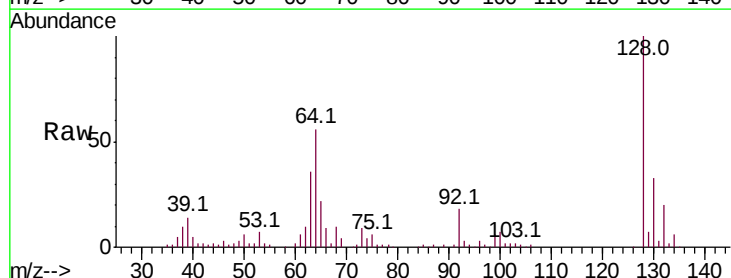
RT: 7.61 min Scan# 736

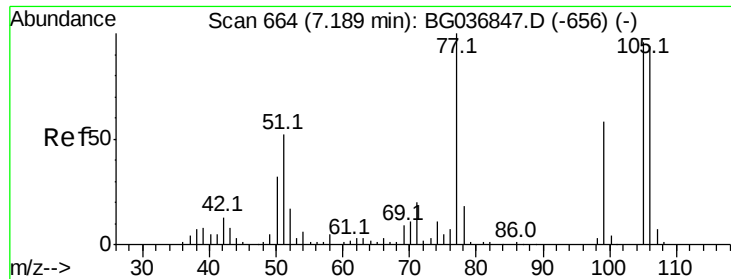
Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Tgt Ion:	128	Resp:	125451
Ion Ratio	Lower	Upper	
128	100		
130	33.2	10.0	50.0
64	56.5	36.0	76.0





#9

Benzaldehyde

Concen: 17.418 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

Tot Ion: 77 Resp: 39146

Ion Ratio Lower Upper

77 100

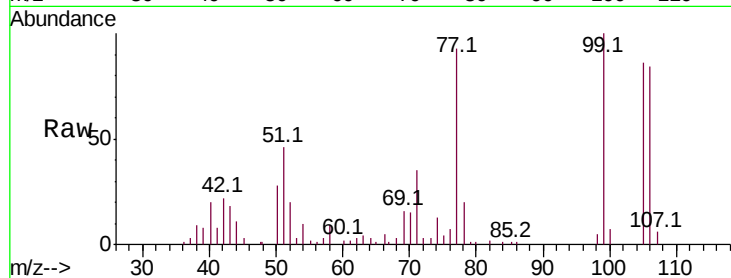
105 91.7 70.5 110.5

106 90.5 69.8 109.8

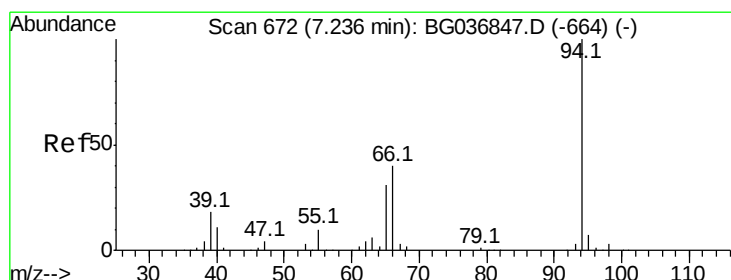
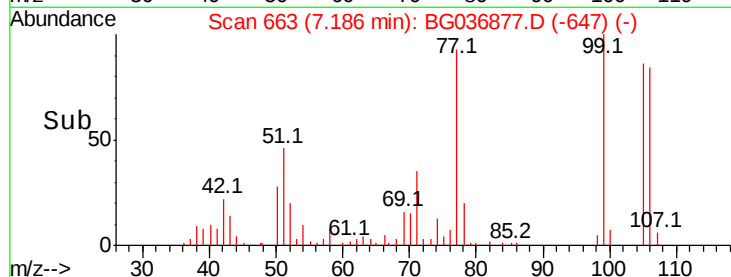
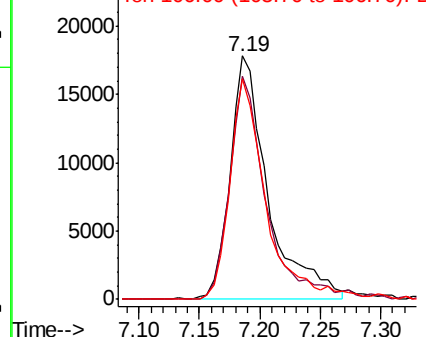
Manual Integrations
APPROVED

Sohil

9/24/2018 9:29:49 AM



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



#10

Phenol

Concen: 44.714 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

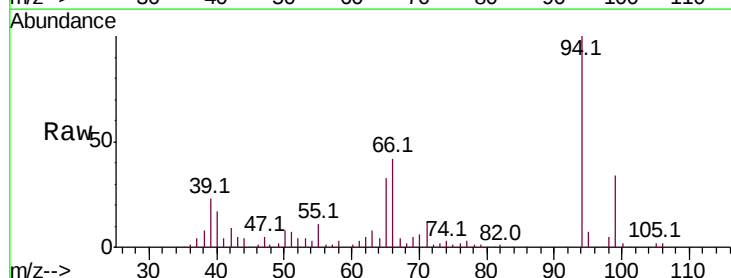
Tgt Ion: 94 Resp: 156951

Ion Ratio Lower Upper

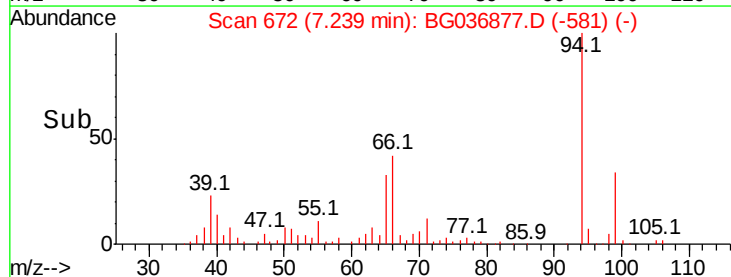
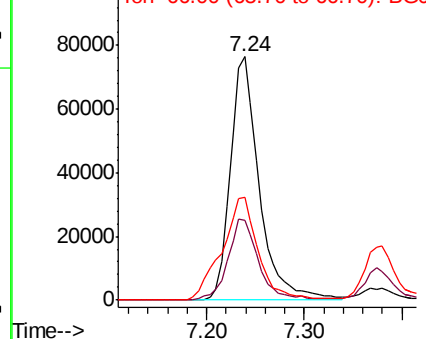
94 100

65 32.8 11.5 51.5

66 42.4 19.5 59.5



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





#11

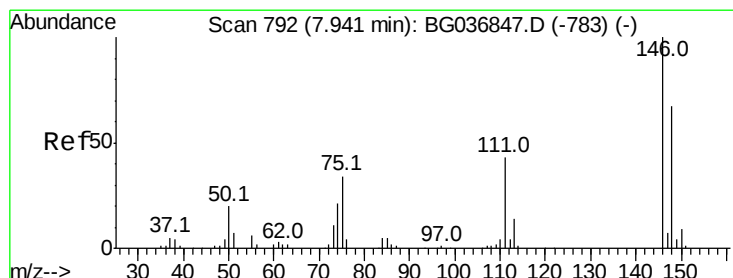
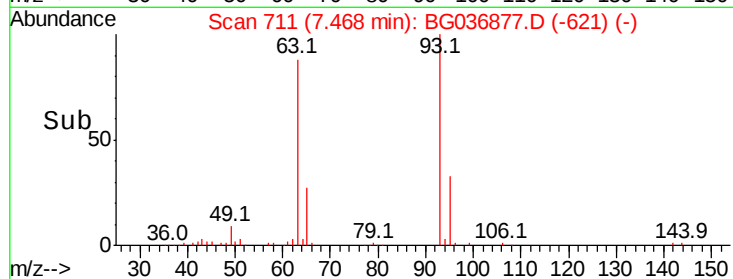
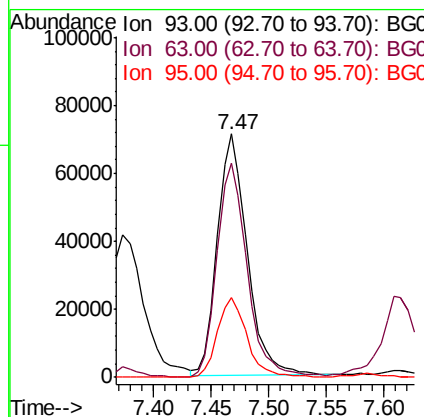
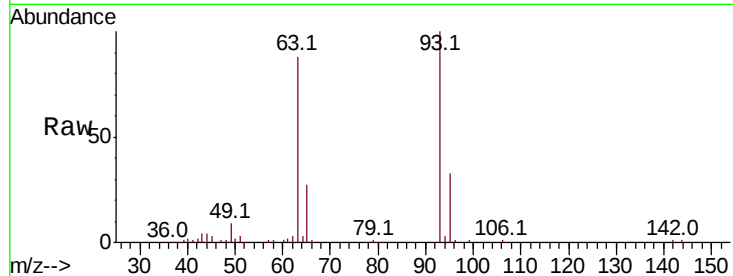
bis(2-Chloroethyl)ether
Concen: 39.441 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.1	69.9	109.9
95	32.5	11.7	51.7

Manual Integrations
APPROVED

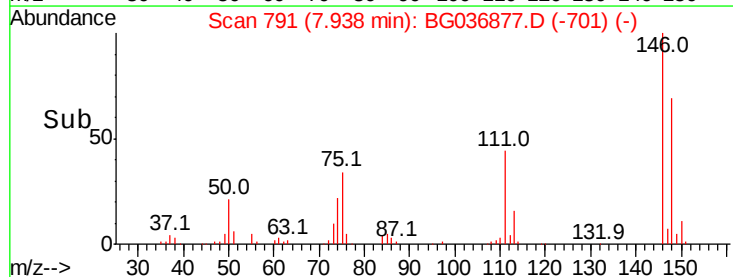
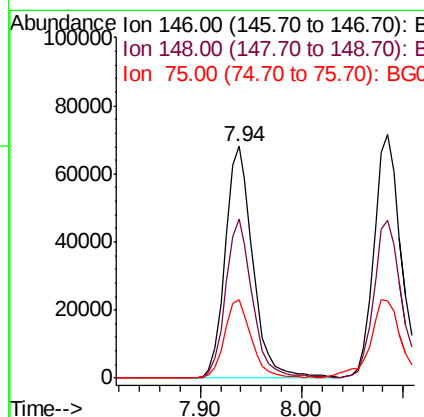
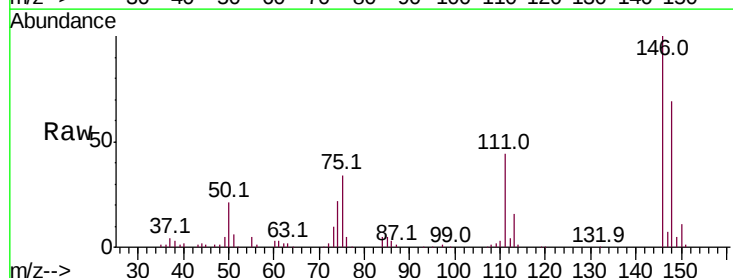
Sohil
9/24/2018 9:29:49 AM

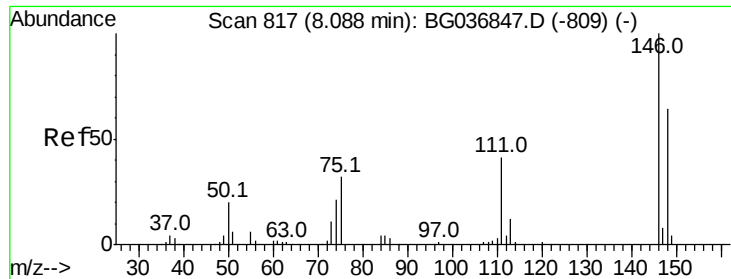


#12

1,3-Dichlorobenzene
Concen: 40.968 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	53.8	80.6
75	33.6	27.2	40.8





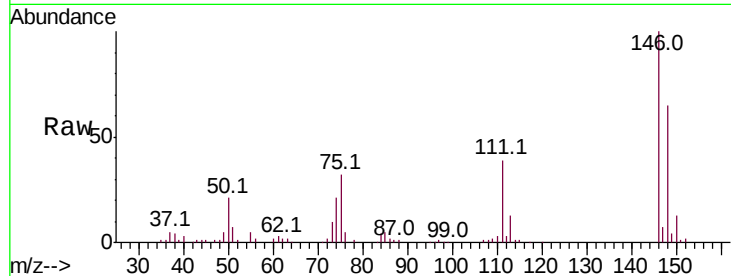
#13
 1,4-Dichlorobenzene
 Concen: 41.763 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.9	80.9
111	39.5	33.8	50.6

Manual Integrations
 APPROVED

Sohil
 9/24/2018 9:29:49 AM

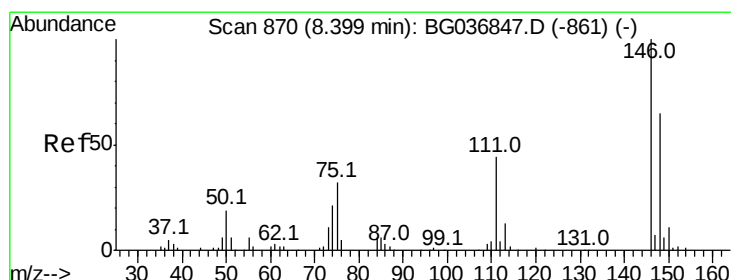
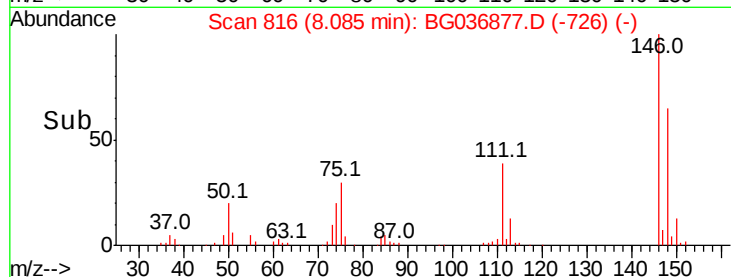
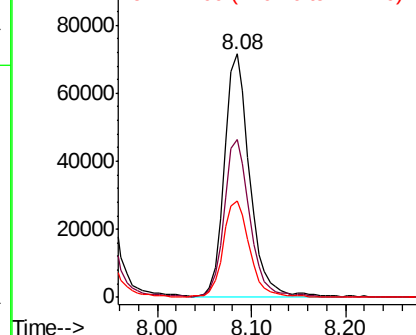


Abundance

Ion 146.00 (145.70 to 146.70): E

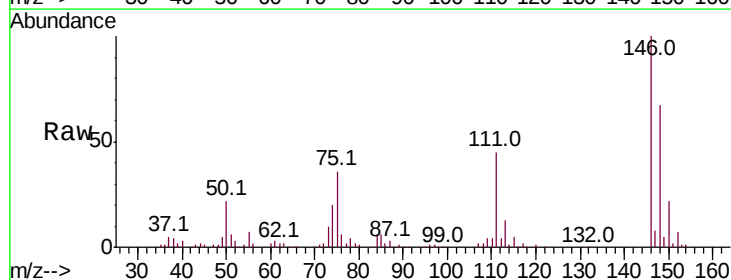
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.059 ng
 RT: 8.40 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	55.0	82.6
111	45.5	34.6	51.8

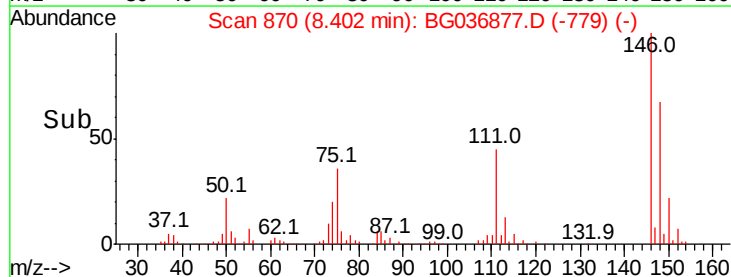
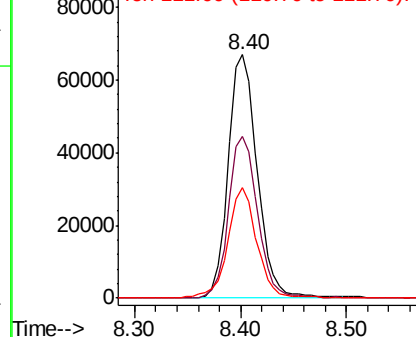


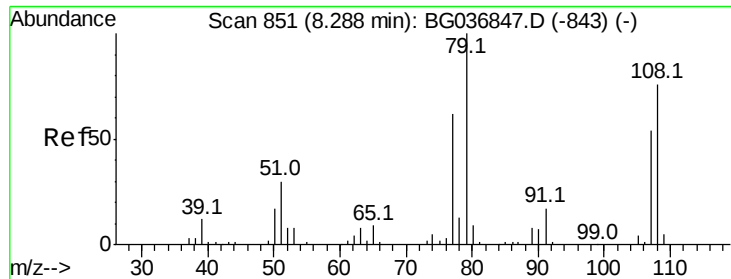
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





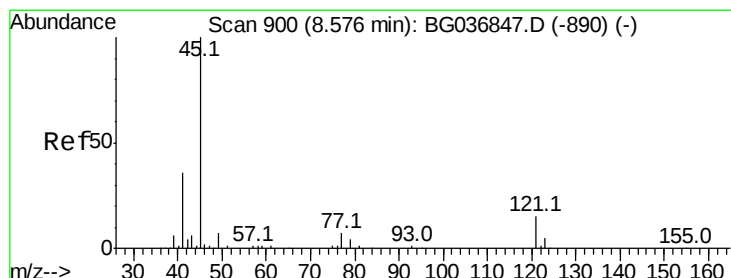
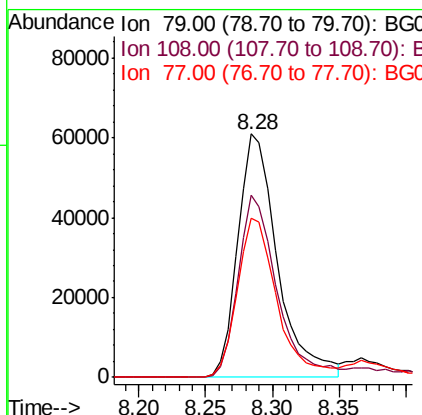
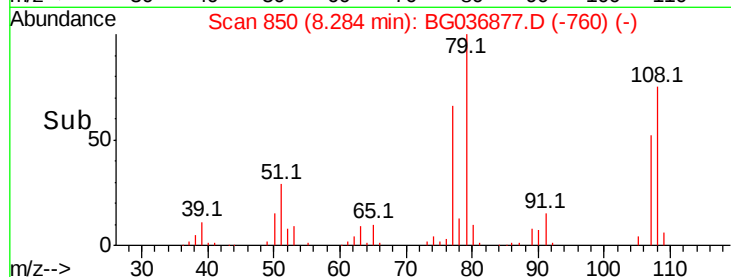
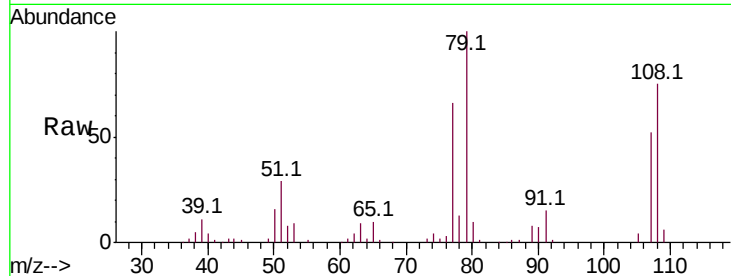
#15
Benzyl Alcohol
Concen: 45.549 ng
RT: 8.28 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion:	79	Resp:	125702
Ion Ratio	Lower	Upper	
79	100		
108	74.9	55.9	83.9
77	65.6	50.0	75.0

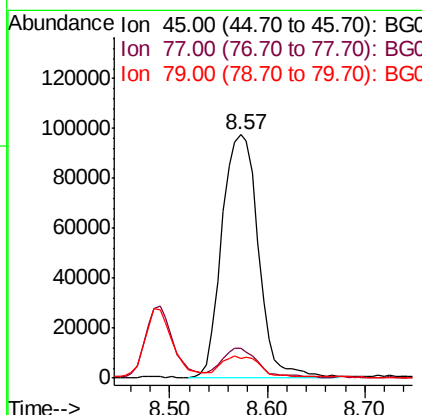
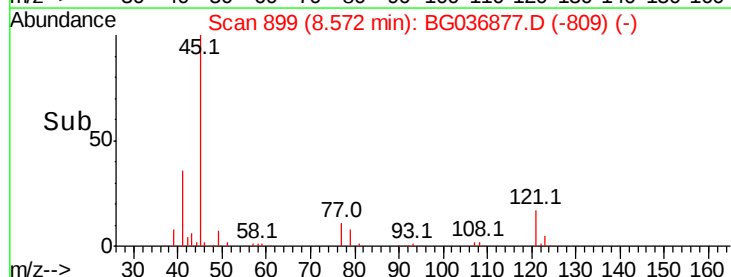
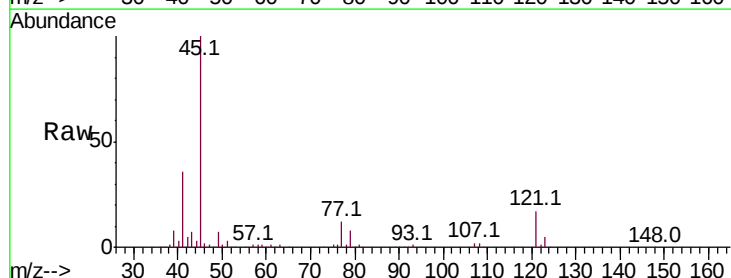
Manual Integrations
APPROVED

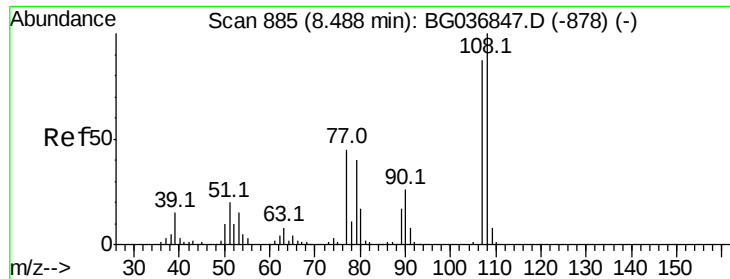
Sohil
9/24/2018 9:29:49 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.264 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion:	45	Resp:	250987
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	30.5
79	8.2	0.0	27.9





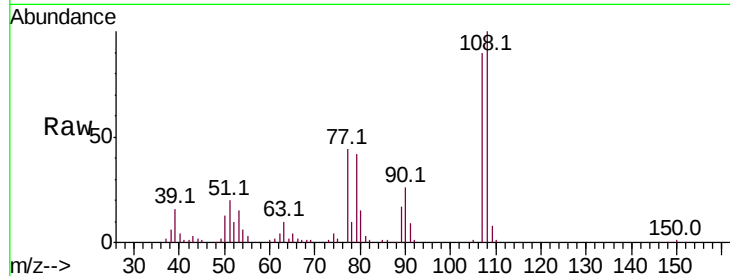
#17
2-Methylphenol
Concen: 47.486 ng
RT: 8.49 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

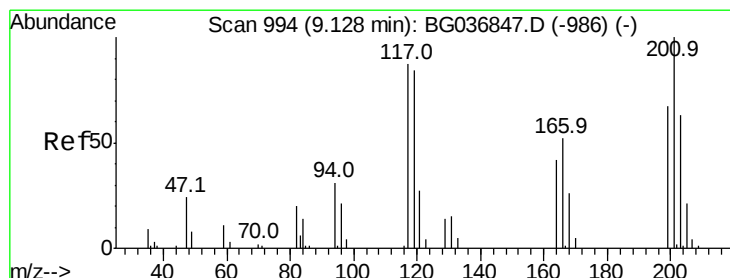
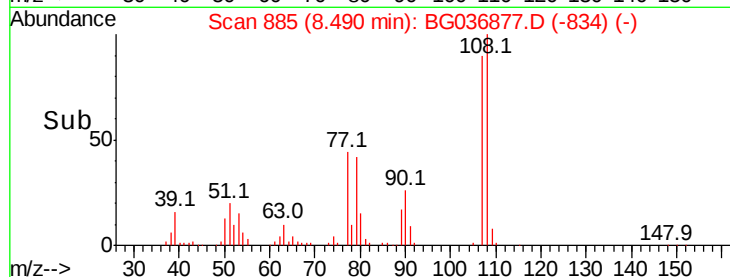
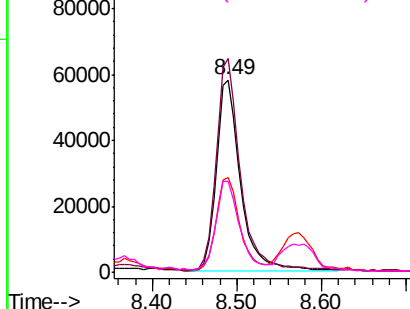
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	86.7	130.1	
77	49.4	39.0	58.4	
79	47.2	36.6	54.8	

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM

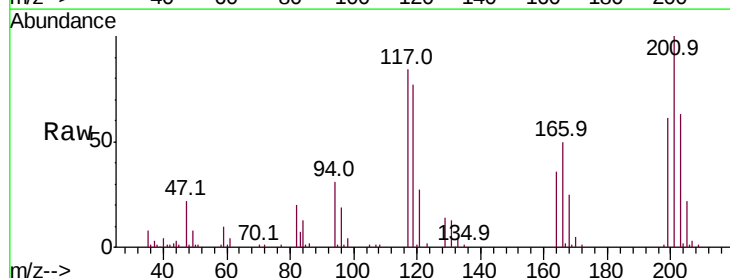


Abundance Ion 107.00 (106.70 to 107.70): E
100000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

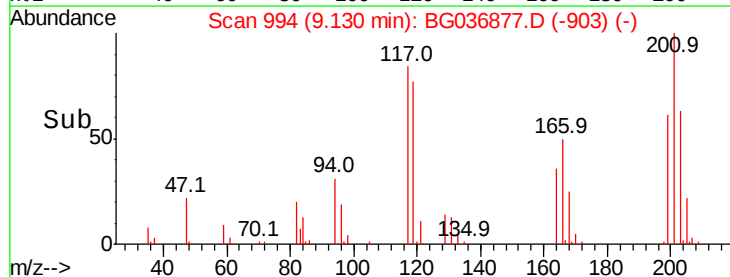
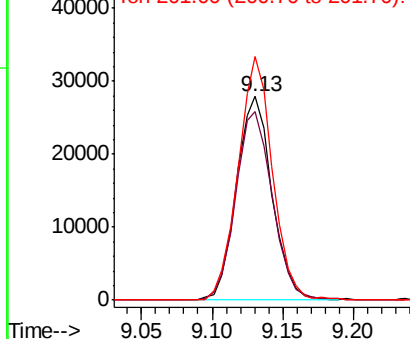


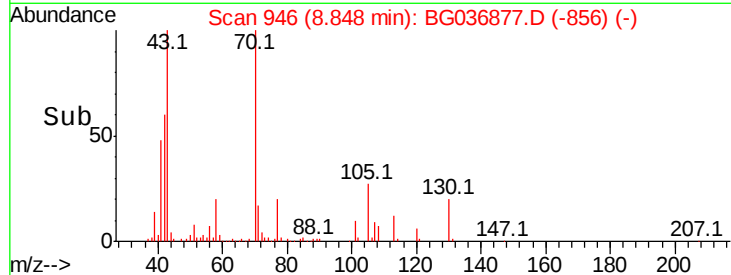
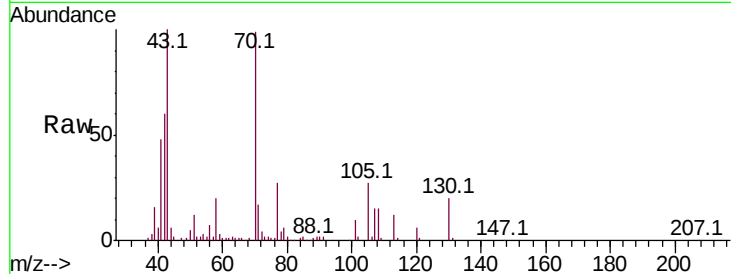
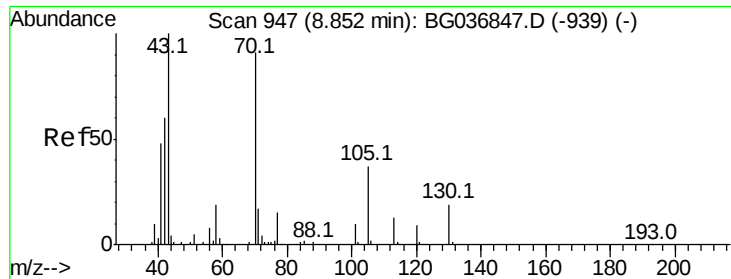
#18
Hexachloroethane
Concen: 41.589 ng
RT: 9.13 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.5	76.8	115.2	
201	119.5	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





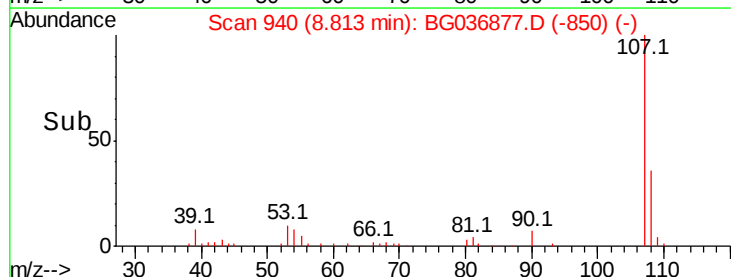
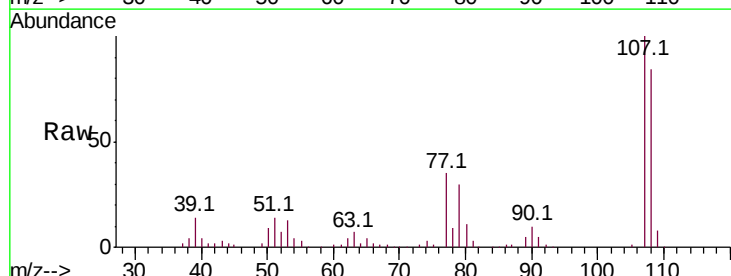
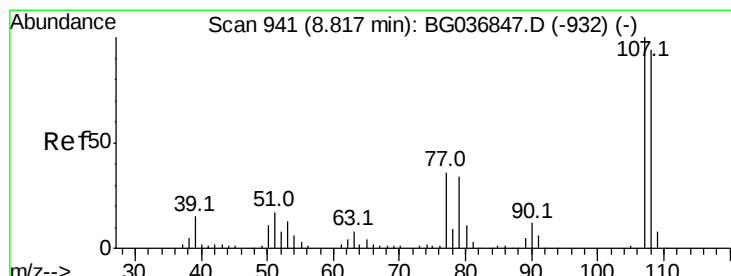
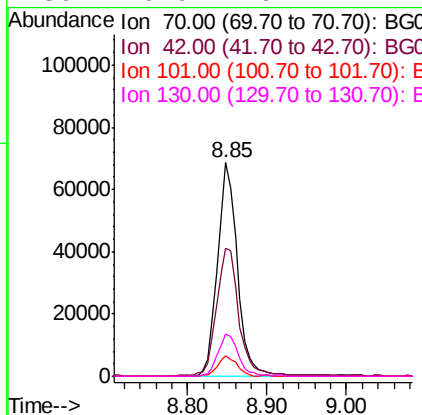
#19
n-Nitroso-di-n-propylamine
Concen: 42.579 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.2	56.2	84.4
101	9.7	7.8	11.6
130	20.0	16.2	24.2

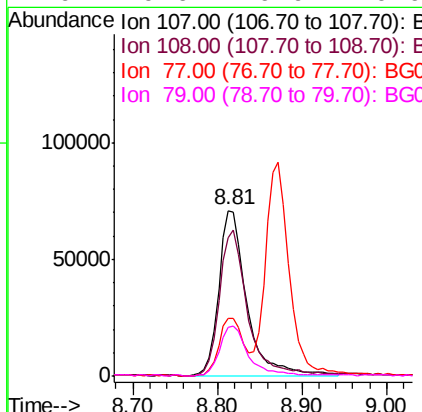
Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



#20
3+4-Methylphenols
Concen: 47.633 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.0	68.0	108.0
77	35.0	15.6	55.6
79	29.6	9.9	49.9





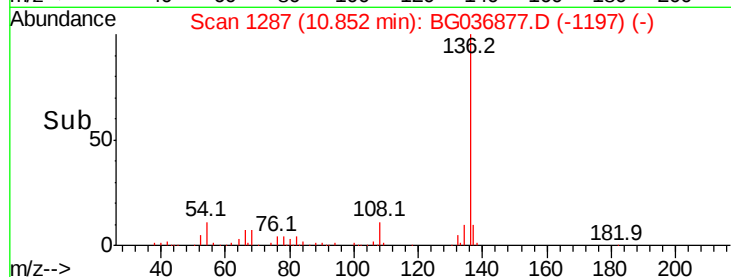
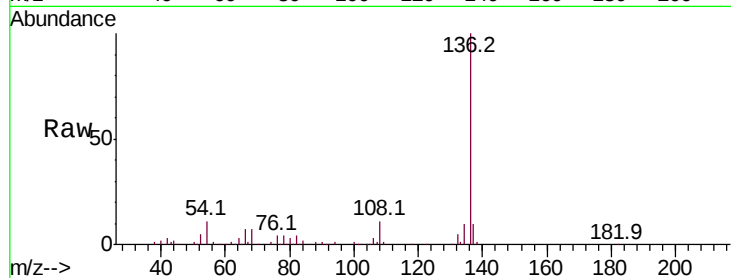
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

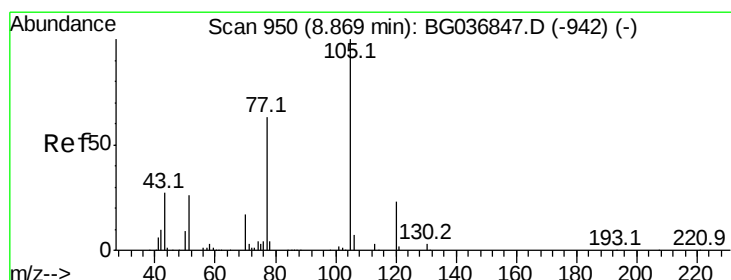
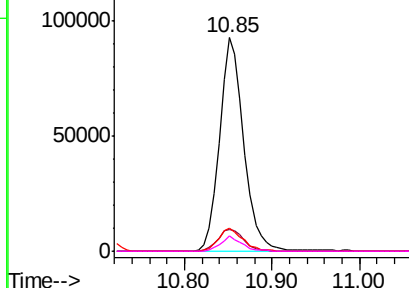
Tot Ion	Ratio	Resp	Lower	Upper
136	100	177643		
137	10.3		8.8	13.2
54	10.9		9.2	13.8
68	7.1		5.8	8.6

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM

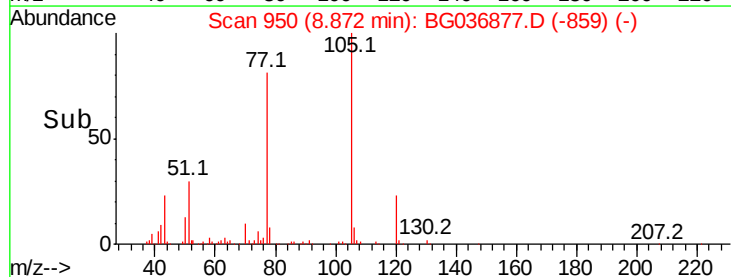
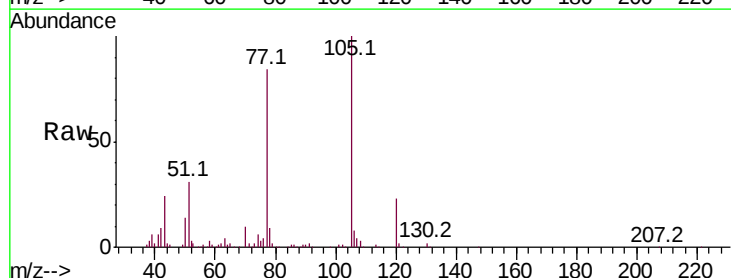


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

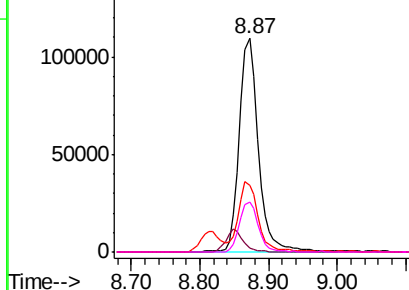


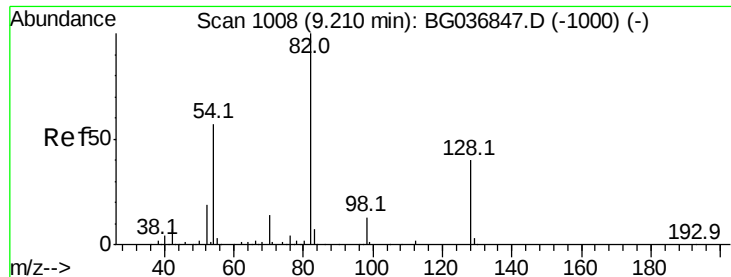
#22
Acetophenone
Concen: 50.827 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	212179		
71	2.0		2.4	3.6#
51	31.5		25.9	38.9
120	23.1		19.4	29.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





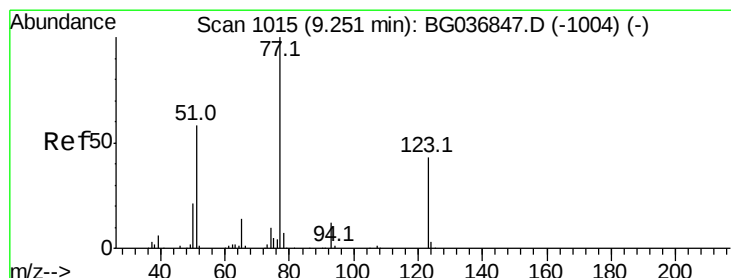
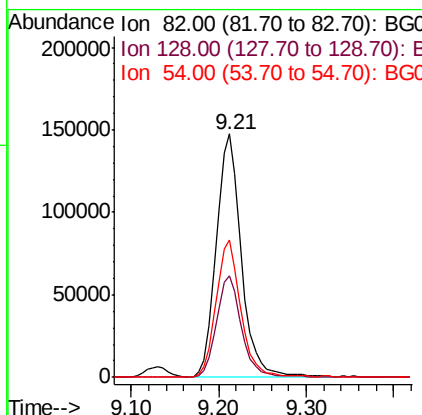
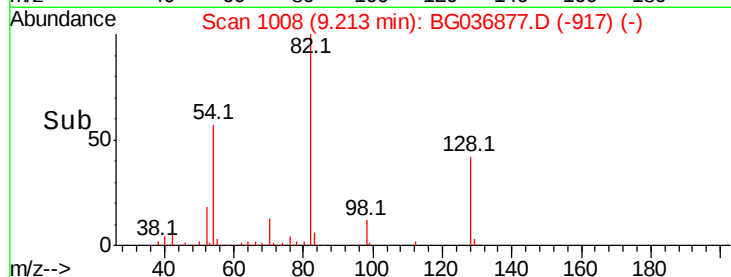
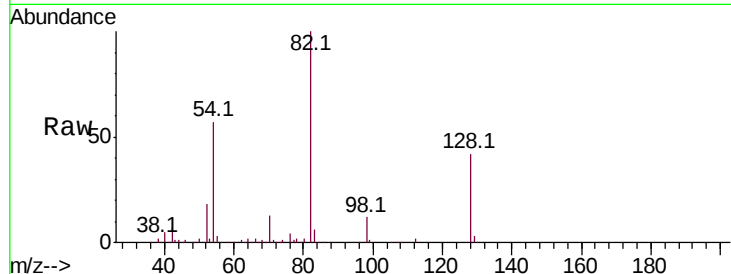
#23
Nitrobenzene-d5
Concen: 87.684 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	290870		
128	41.8	33.3	49.9	
54	56.7	45.1	67.7	

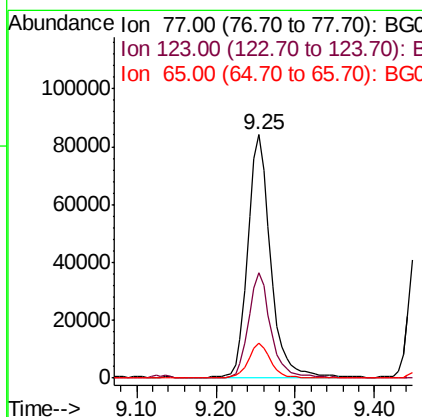
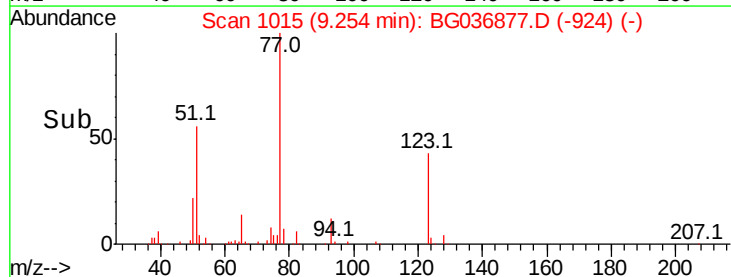
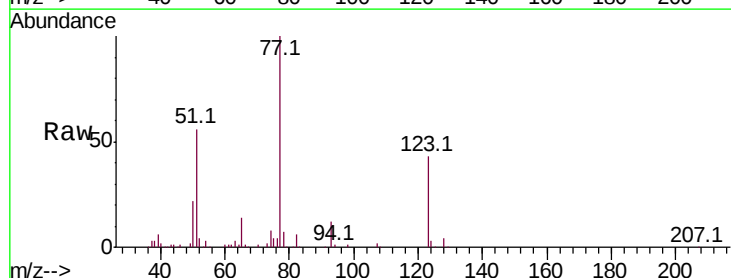
Manual Integrations
APPROVED

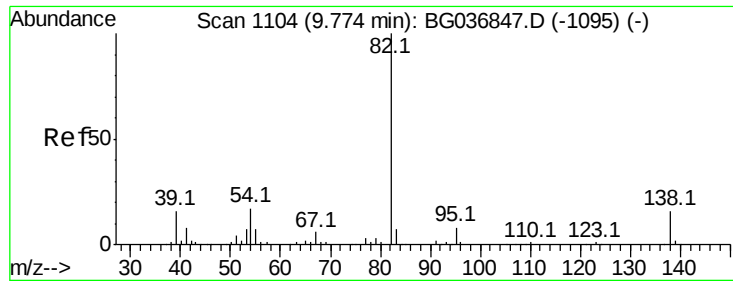
Sohil
9/24/2018 9:29:49 AM



#24
Nitrobenzene
Concen: 47.434 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	168036		
123	43.3	32.4	48.6	
65	14.2	11.5	17.3	





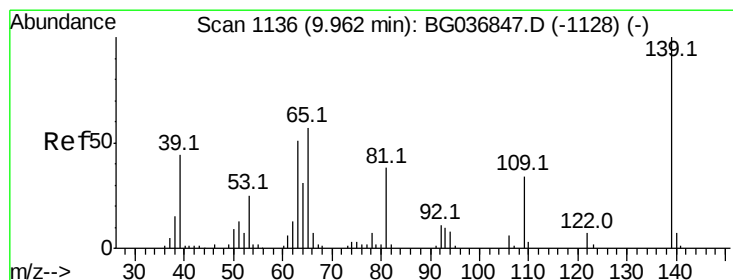
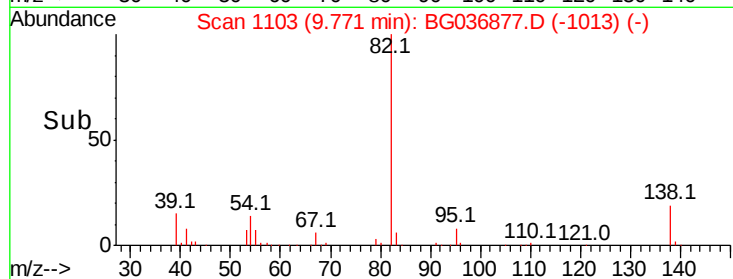
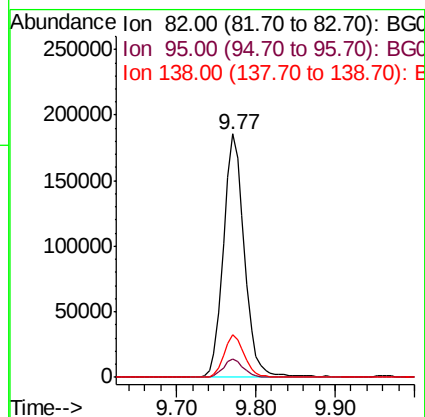
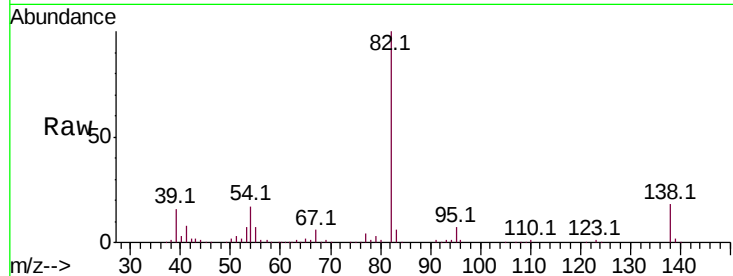
#25
Isophorone
Concen: 55.968 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.8
138	17.6	12.9	19.3

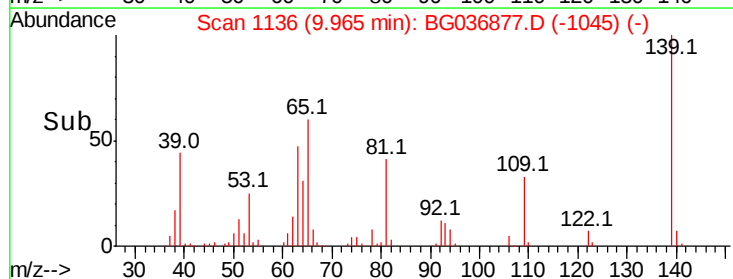
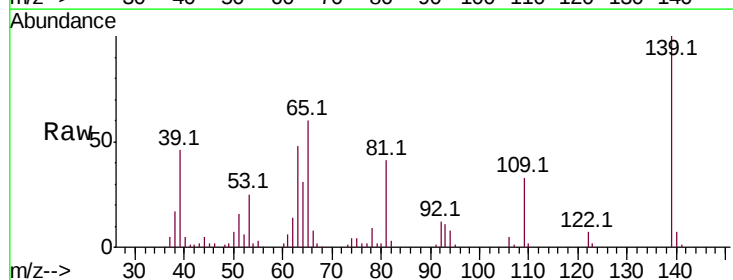
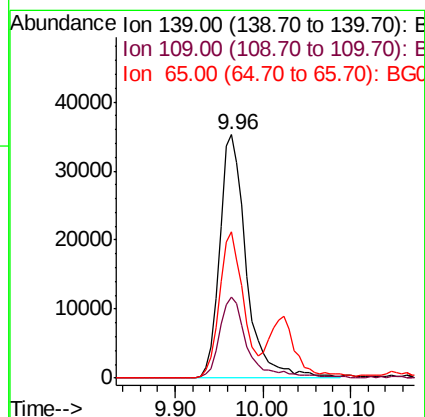
Manual Integrations
APPROVED

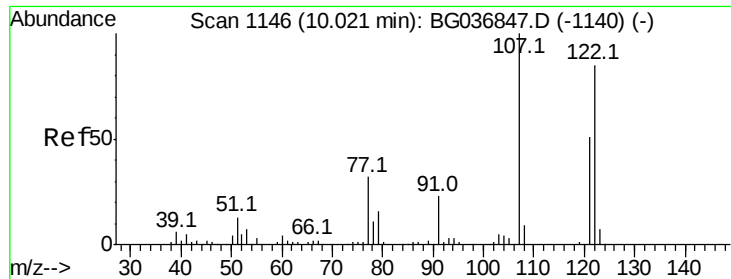
Sohil
9/24/2018 9:29:49 AM



#26
2-Nitrophenol
Concen: 52.692 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.5	27.4	41.0
65	59.9	47.8	71.6





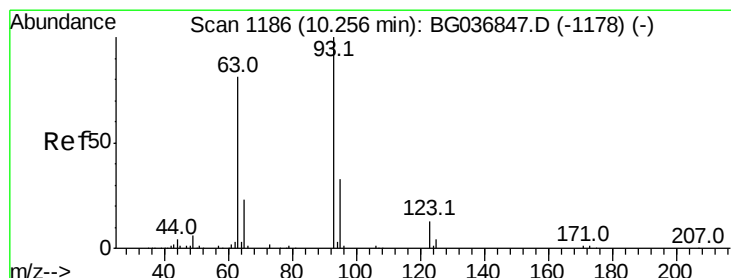
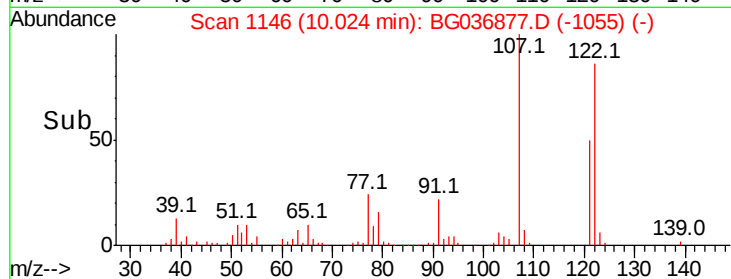
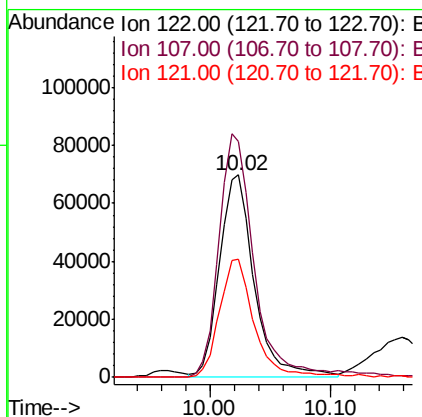
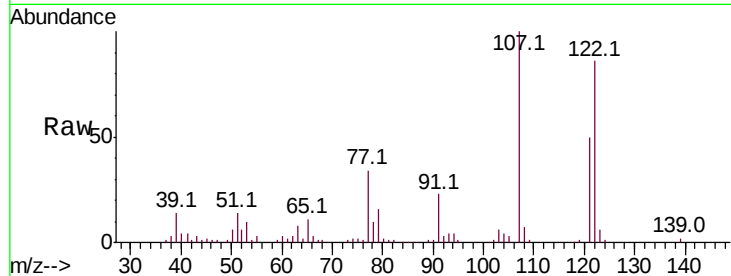
#27
2,4-Dimethylphenol
Concen: 62.579 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	96.0	144.0
121	58.3	48.2	72.4

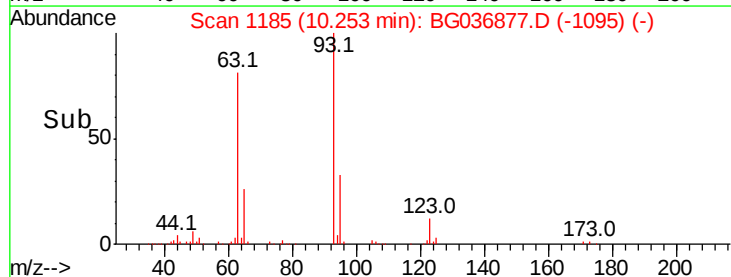
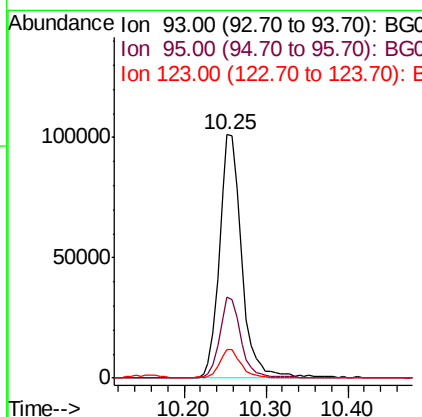
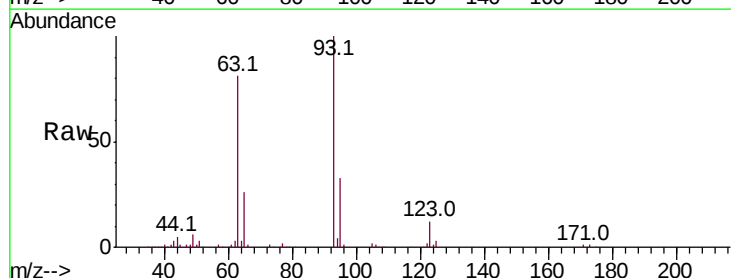
Manual Integrations
APPROVED

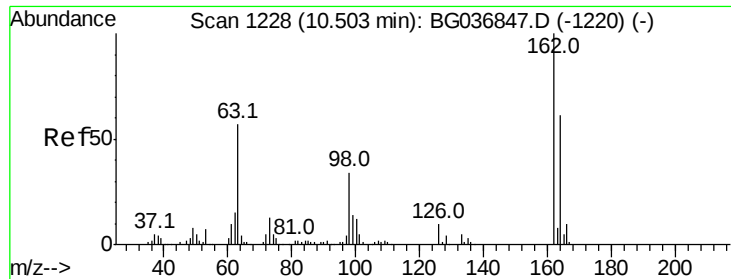
Sohil
9/24/2018 9:29:49 AM



#28
bis(2-Chloroethoxy)methane
Concen: 51.324 ng
RT: 10.25 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.2	37.8
123	12.0	8.6	12.8





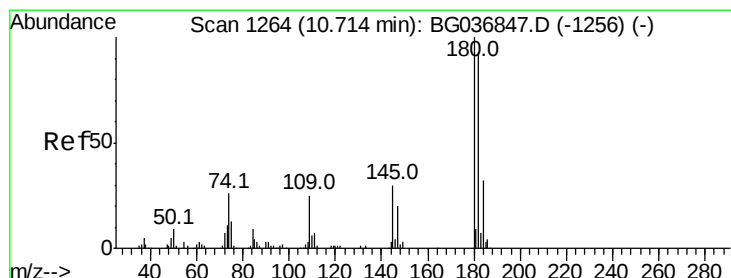
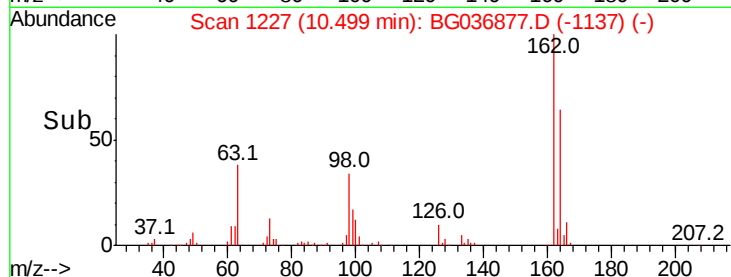
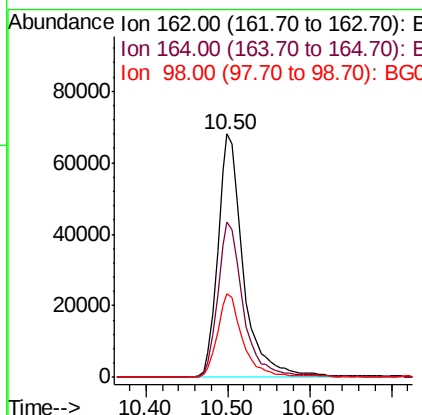
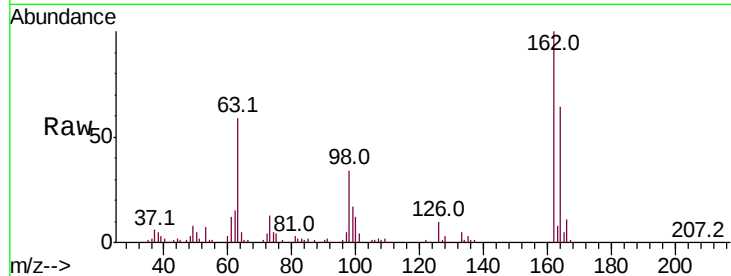
#29
2,4-Dichlorophenol
Concen: 57.702 ng
RT: 10.50 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	147126		
164	63.8	47.6	87.6	
98	34.5	19.2	59.2	

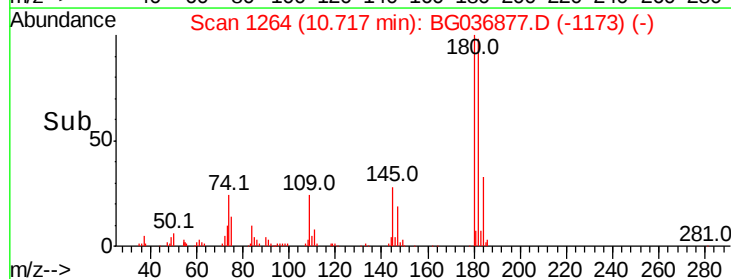
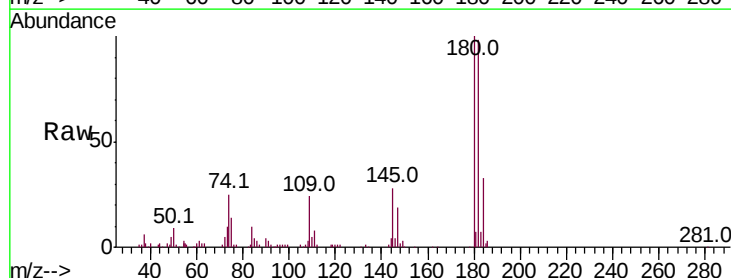
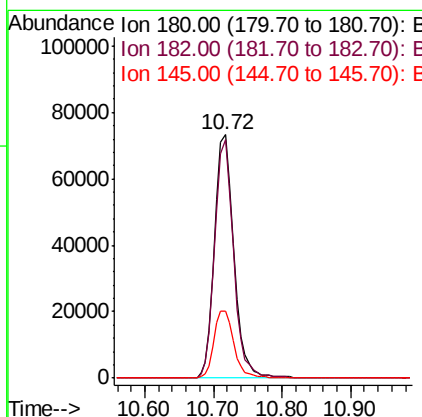
Manual Integrations
APPROVED

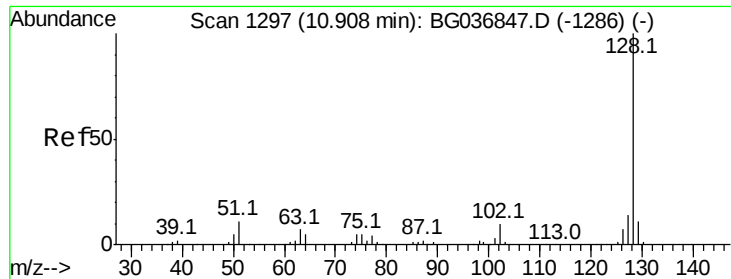
Sohil
9/24/2018 9:29:49 AM



#30
1,2,4-Trichlorobenzene
Concen: 45.065 ng
RT: 10.72 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	143797		
182	97.8	76.0	114.0	
145	27.6	22.9	34.3	





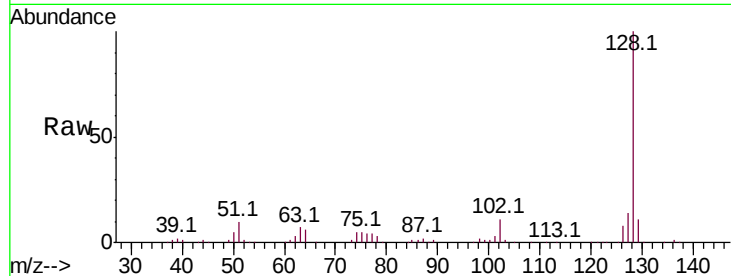
#31
Naphthalene
Concen: 50.506 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	14.2	11.0	16.4

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM

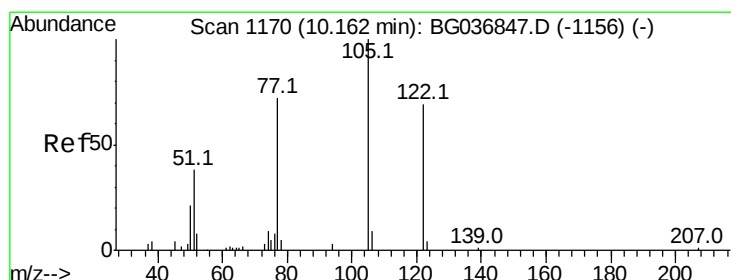
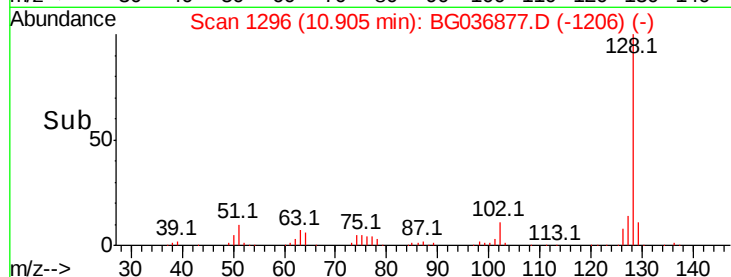
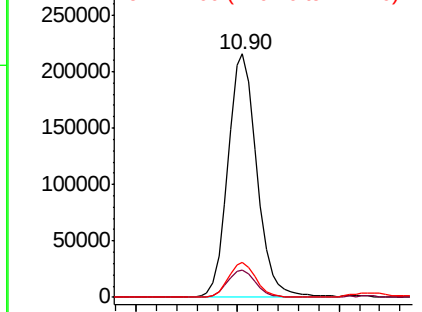


Abundance

Ion 128.00 (127.70 to 128.70): E

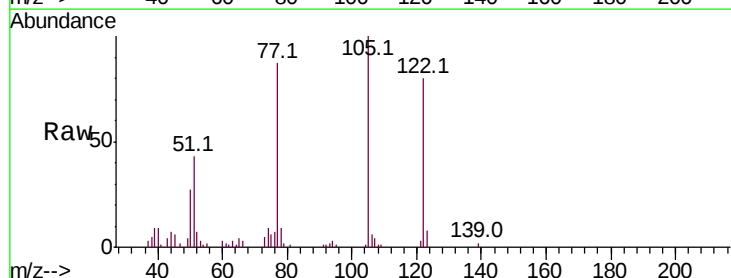
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 30.539 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	108.1	148.1
77	109.5	76.3	116.3

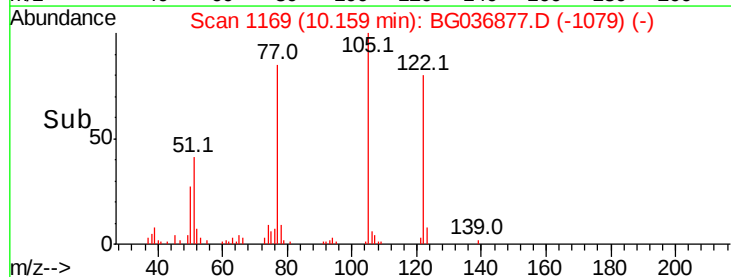
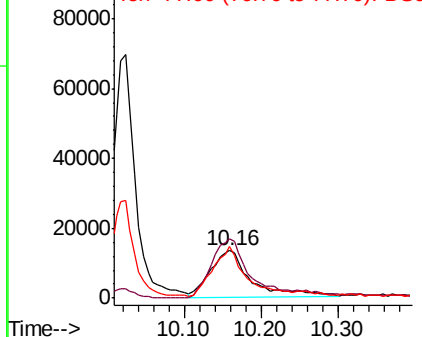


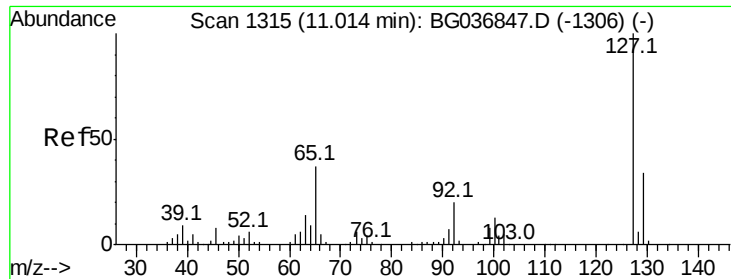
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





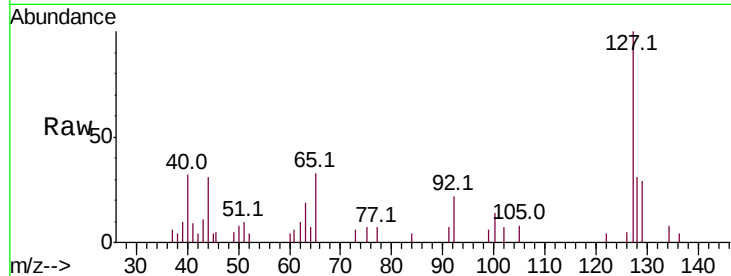
#33
4-Chloroaniline
Concen: 2.757 ng
RT: 11.03 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.9	25.9	38.9
65	33.3	27.5	41.3
92	21.9	16.2	24.2

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



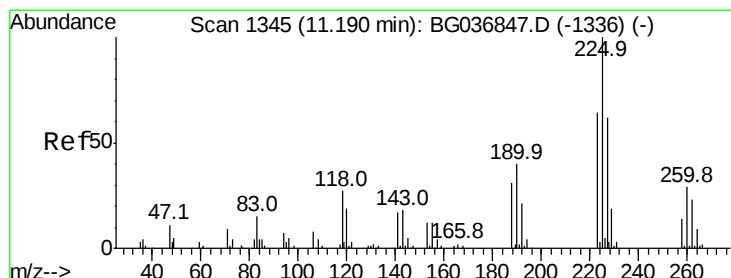
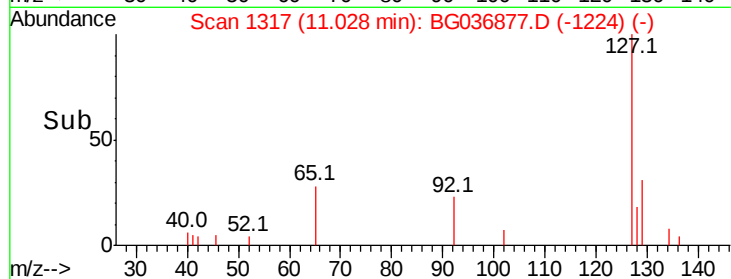
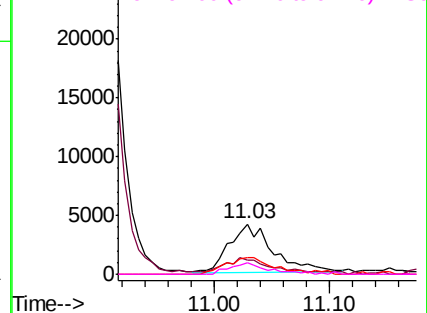
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

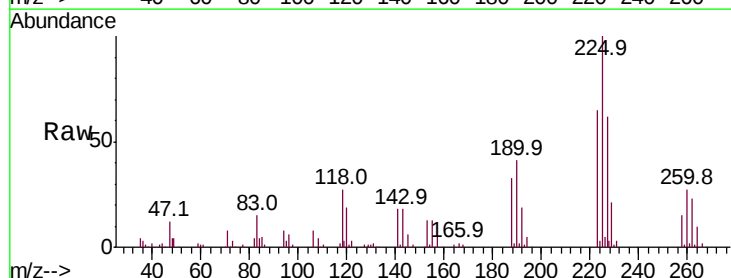
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.757 ng
RT: 11.19 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.8	77.8
227	61.5	49.8	74.6

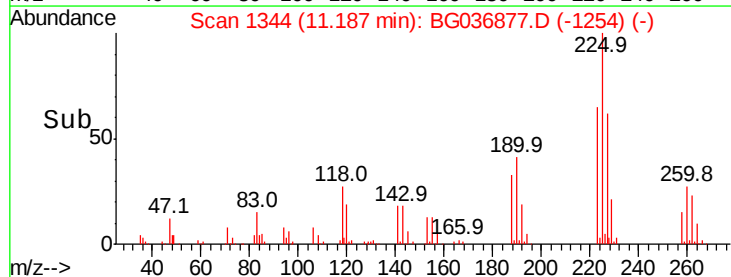
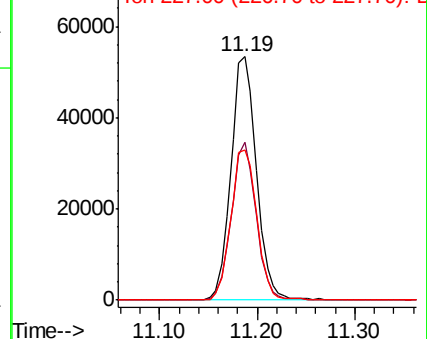


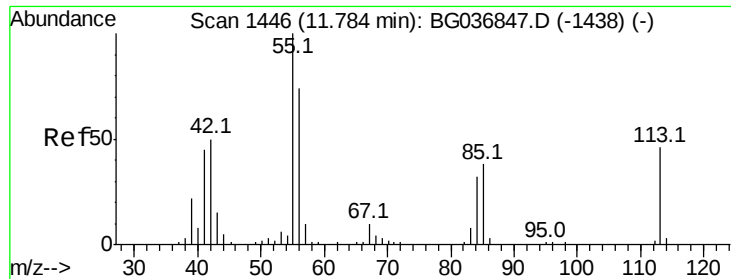
Abundance

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: 44.334 ng/mL

RT: 11.79 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

Tot Ion:113 Resp: 46526

Ion Ratio Lower Upper

113 100

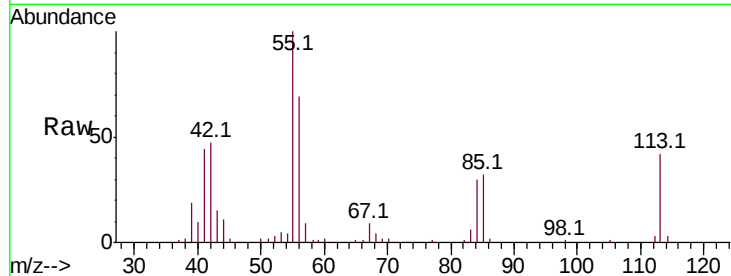
55 238.1 197.7 237.7#

56 163.7 131.7 171.7

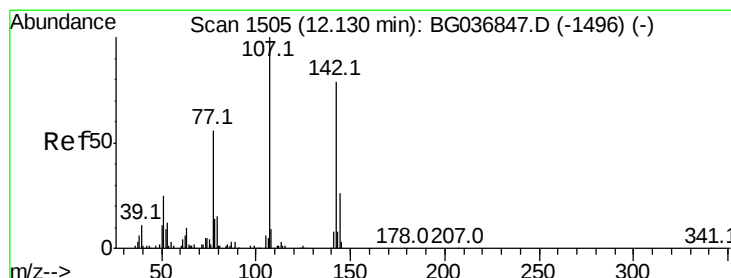
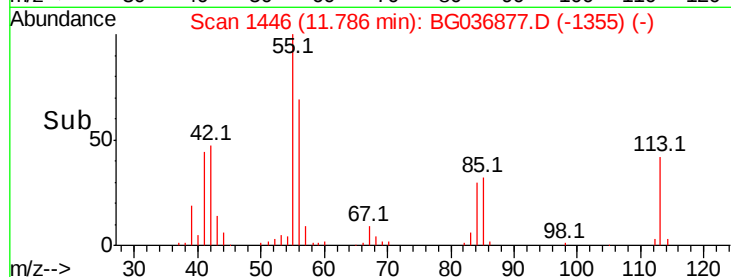
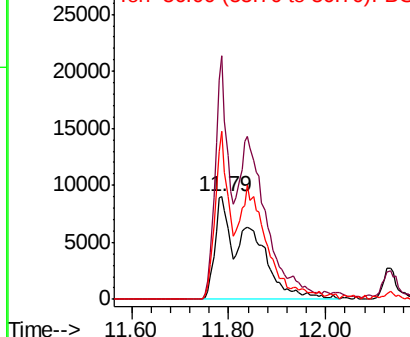
Manual Integrations
APPROVED

Sohil

9/24/2018 9:29:49 AM



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 56.165 ng/mL

RT: 12.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

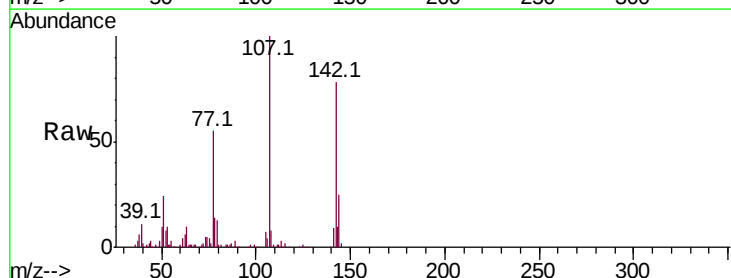
Tgt Ion:107 Resp: 170874

Ion Ratio Lower Upper

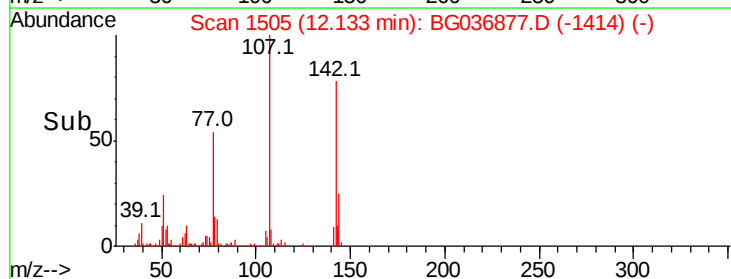
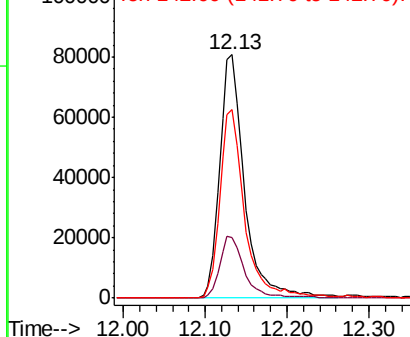
107 100

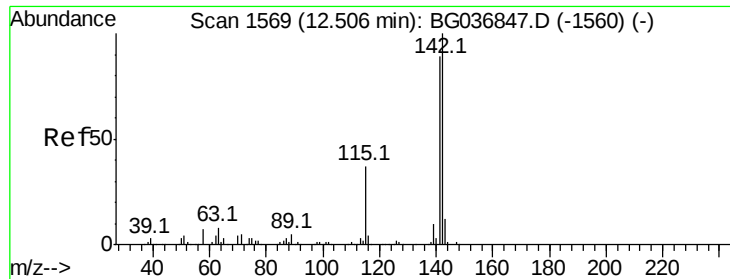
144 24.7 19.5 29.3

142 77.5 62.4 93.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





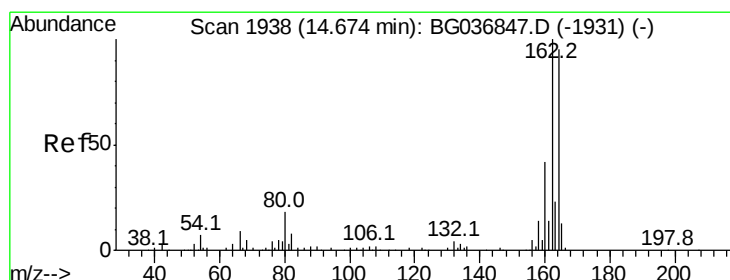
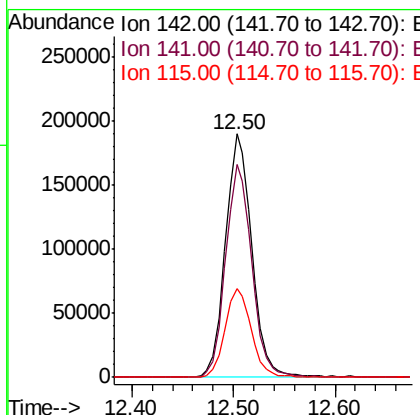
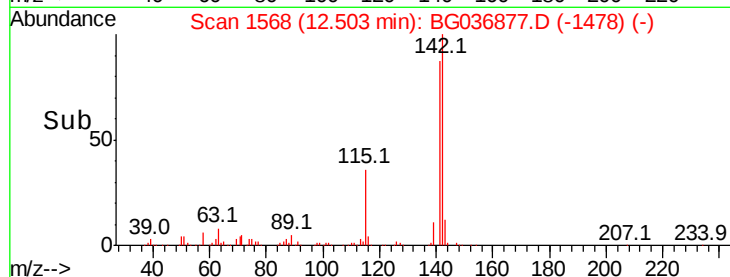
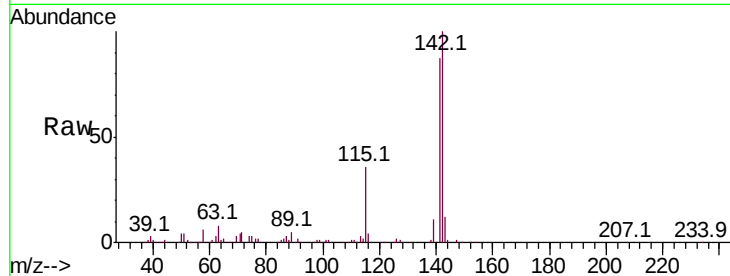
#37
2-Methylnaphthalene
Concen: 53.146 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	68.5	102.7
115	36.4	29.8	44.8

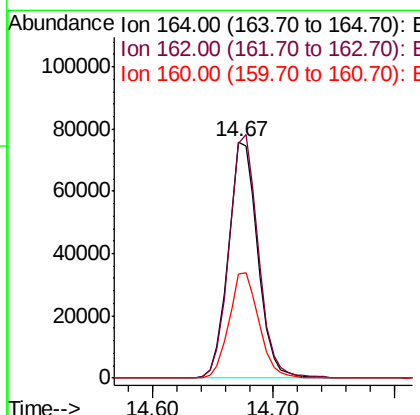
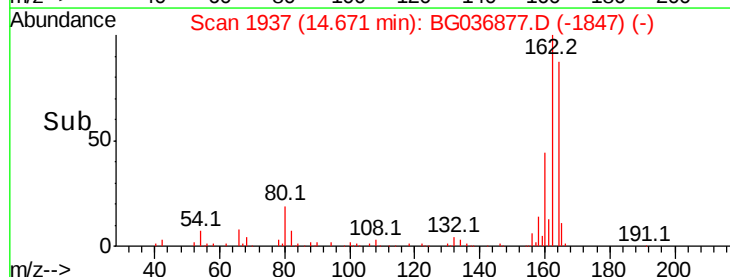
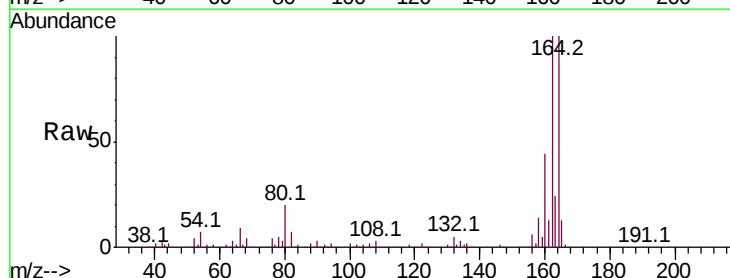
Manual Integrations
APPROVED

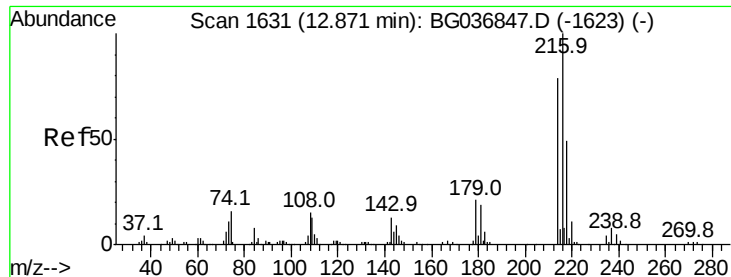
Sohil
9/24/2018 9:29:49 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.7	121.1
160	44.0	35.3	52.9





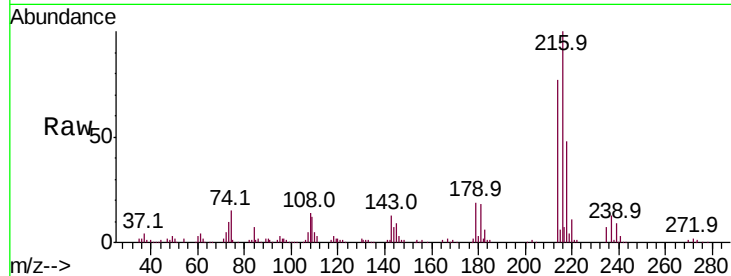
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.273 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

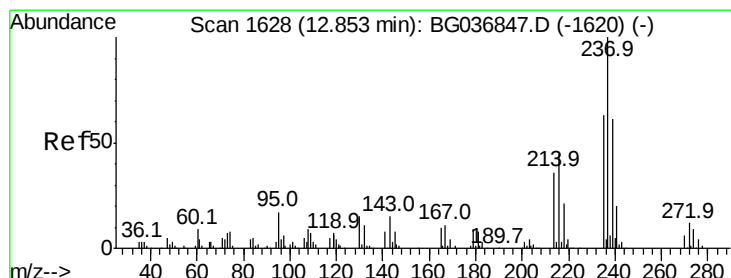
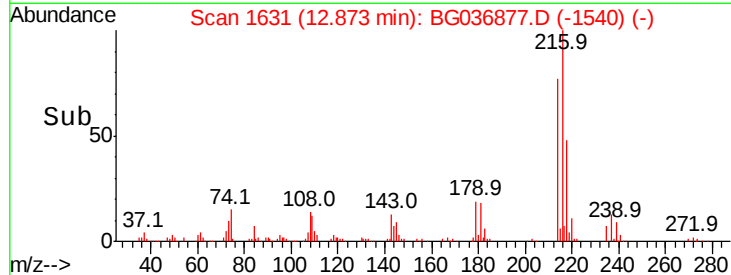
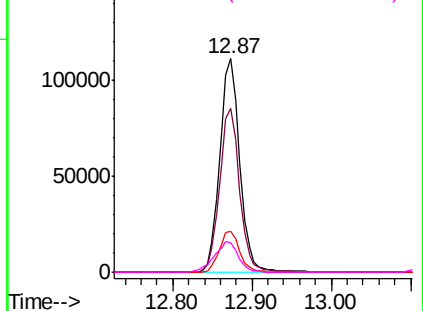
Tot Ion	Ratio	Resp	Lower	Upper
216	100	193571		
214	76.6	61.0	91.6	
179	19.5	15.7	23.5	
108	17.2	13.1	19.7	

Manual Integrations
 APPROVED

Sohil
 9/24/2018 9:29:49 AM

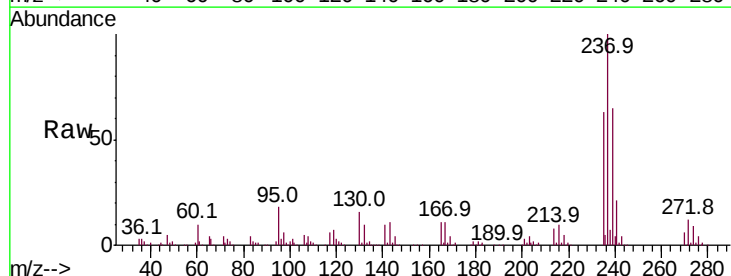


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

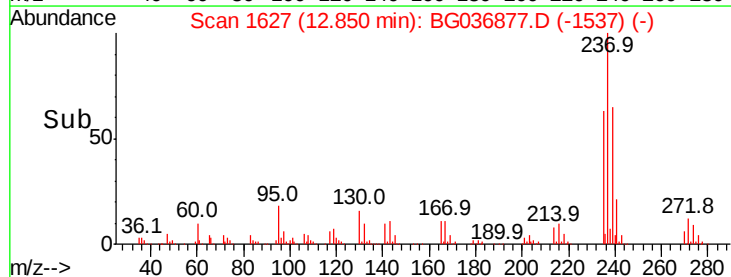
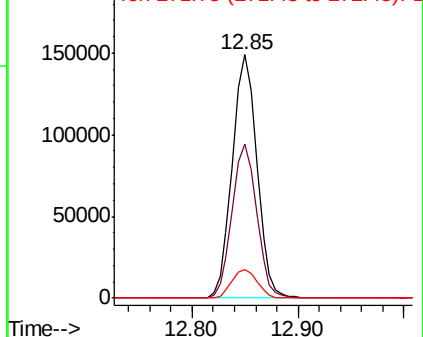


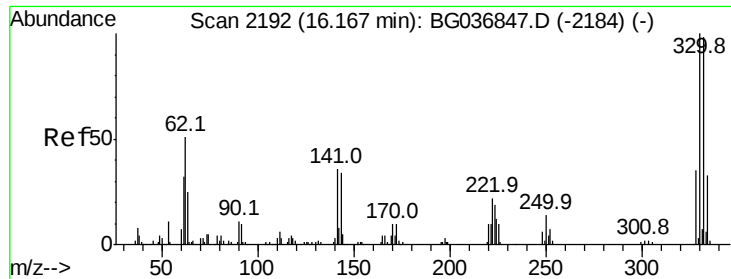
#40
 Hexachlorocyclopentadiene
 Concen: 104.610 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	240666		
235	63.2	42.2	82.2	
272	11.9	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





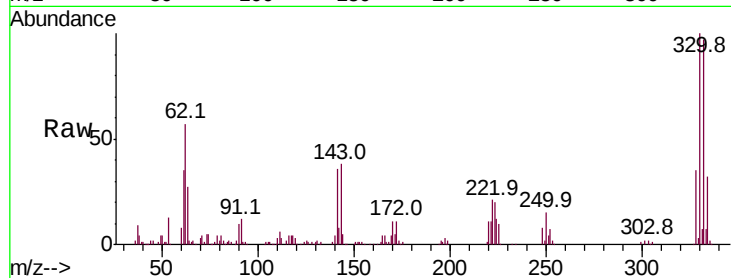
#41
 2,4,6-Tribromophenol
 Concen: 144.290 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

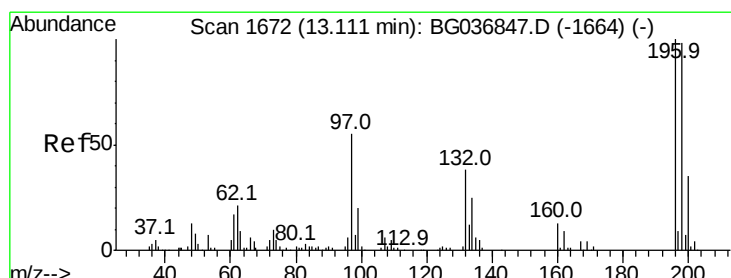
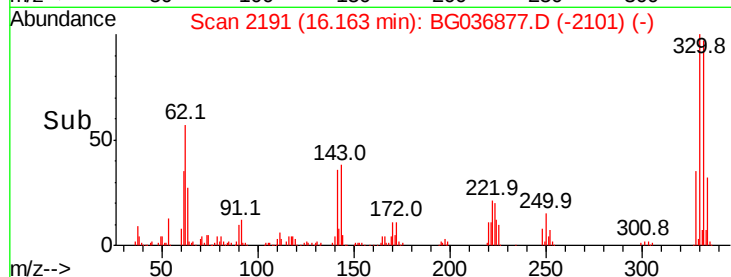
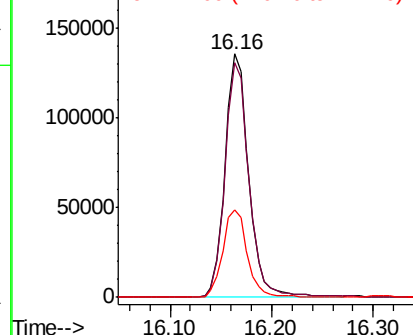
Tot Ion	Ratio	Resp	Lower	Upper
330	100	221408		
332	97.9	75.4	113.2	
141	37.2	30.7	46.1	

Manual Integrations
 APPROVED

Sohil
 9/24/2018 9:29:49 AM

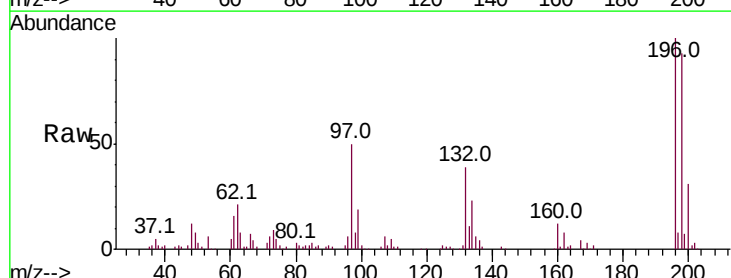


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

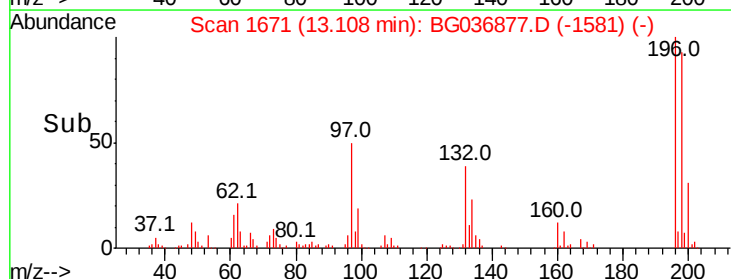
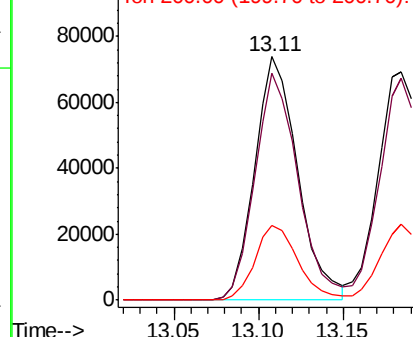


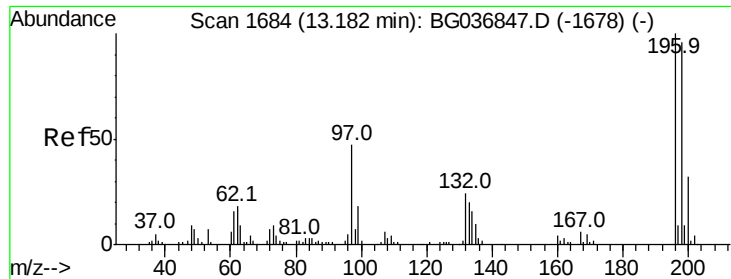
#42
 2,4,6-Trichlorophenol
 Concen: 52.792 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131135		
198	93.4	77.2	115.8	
200	30.8	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





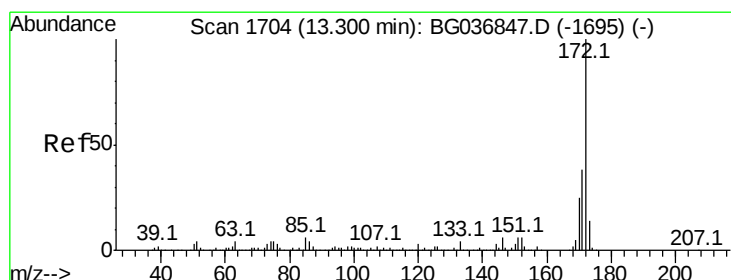
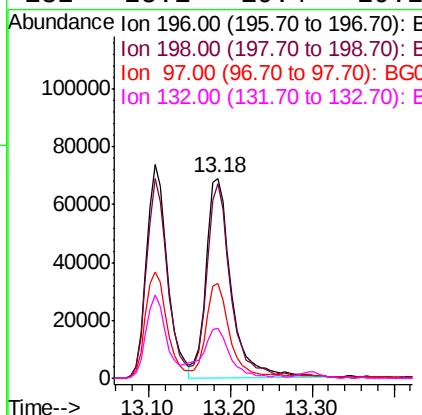
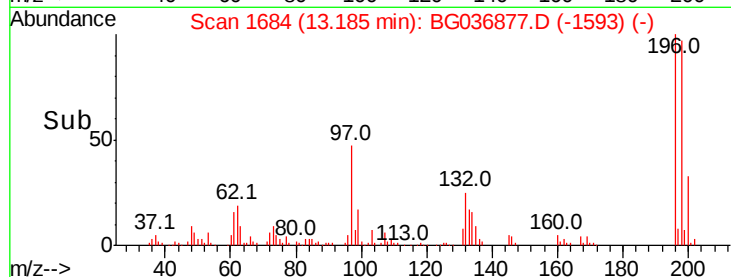
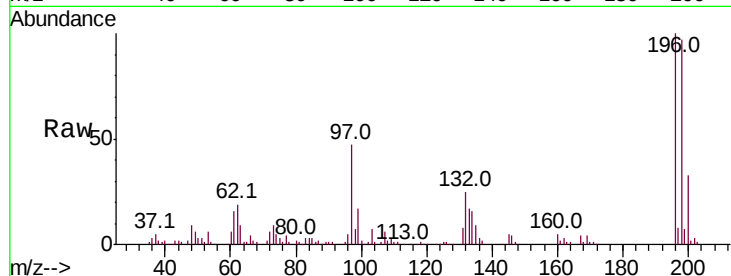
#43
 2,4,5-Trichlorophenol
 Concen: 55.578 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tot Ion	196	Resp	147211
Ion Ratio	Lower	Upper	
196	100		
198	97.3	75.6	113.4
97	47.2	37.2	55.8
132	25.1	19.4	29.2

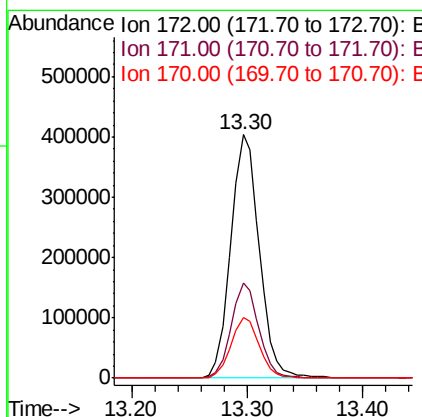
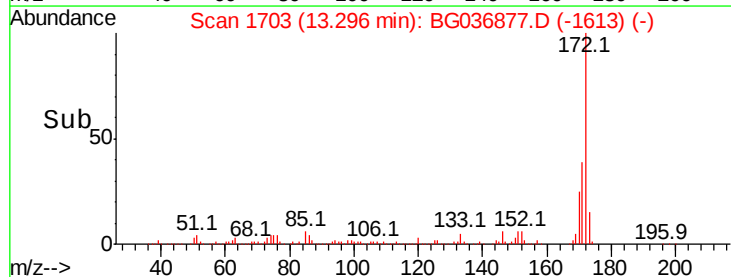
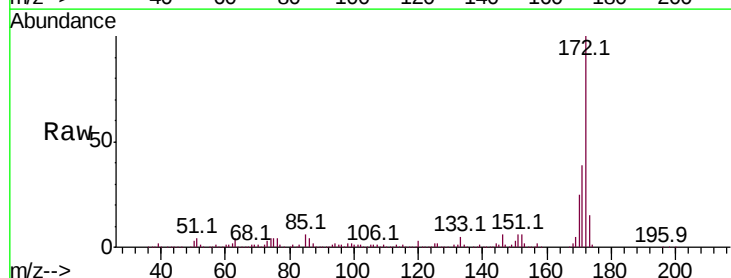
Manual Integrations
 APPROVED

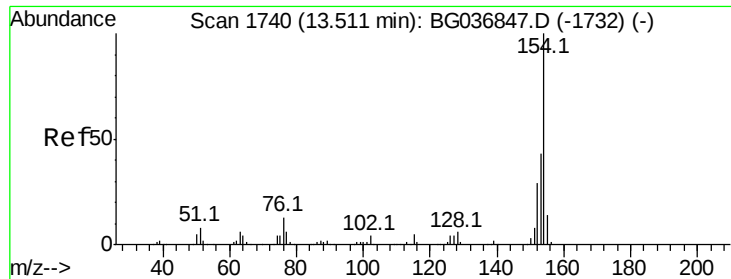
Sohil
 9/24/2018 9:29:49 AM



#44
 2-Fluorobiphenyl
 Concen: 80.310 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	172	Resp	691556
Ion Ratio	Lower	Upper	
172	100		
171	38.8	31.3	46.9
170	24.8	21.0	31.6





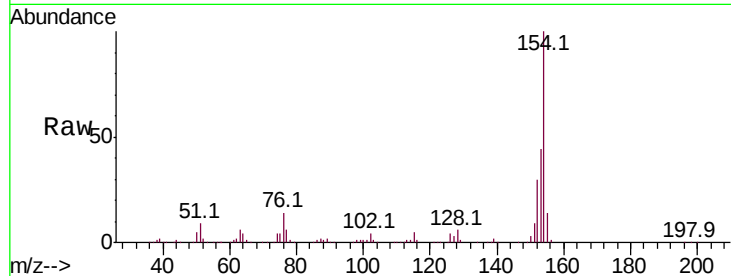
#45
 1,1'-Biphenyl
 Concen: 46.022 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

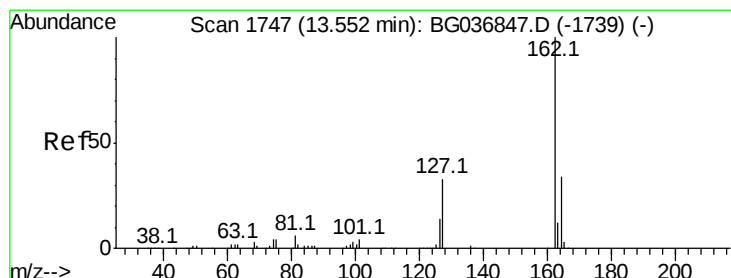
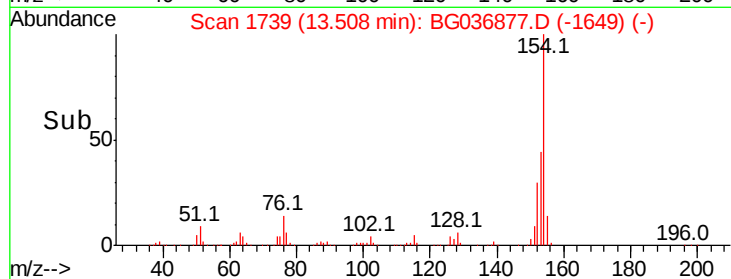
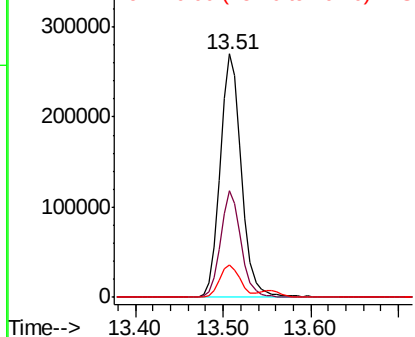
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.9	24.0	64.0	
76	13.5	0.0	32.9	

Manual Integrations
 APPROVED

Sohil
 9/24/2018 9:29:49 AM

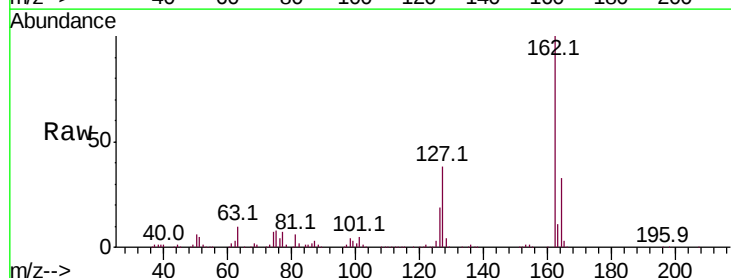


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

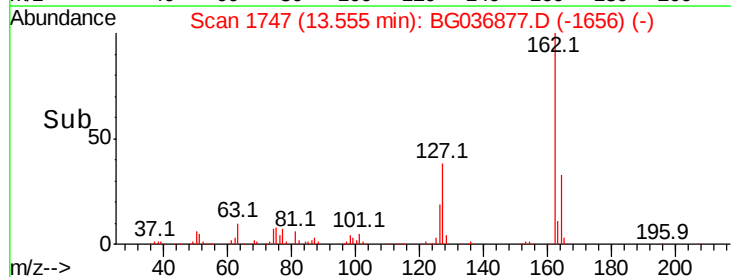
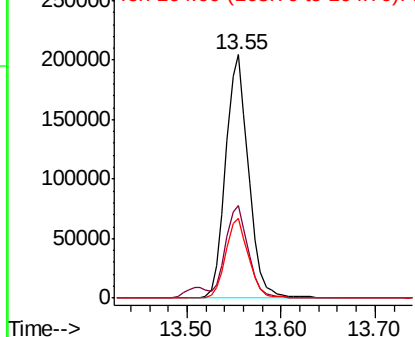


#46
 2-Chloronaphthalene
 Concen: 44.806 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.0	30.7	46.1	
164	32.9	26.7	40.1	



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.616 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

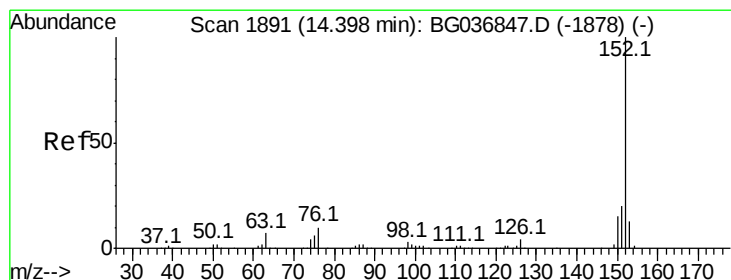
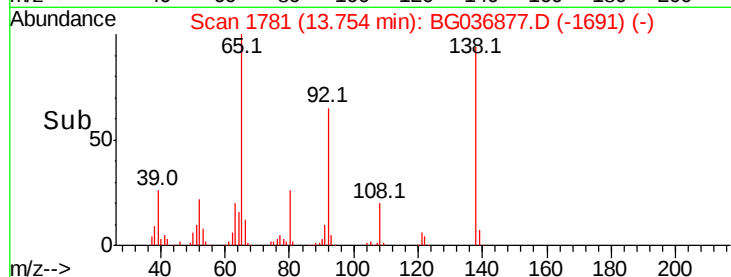
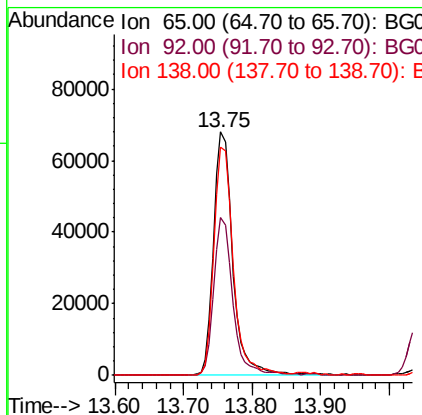
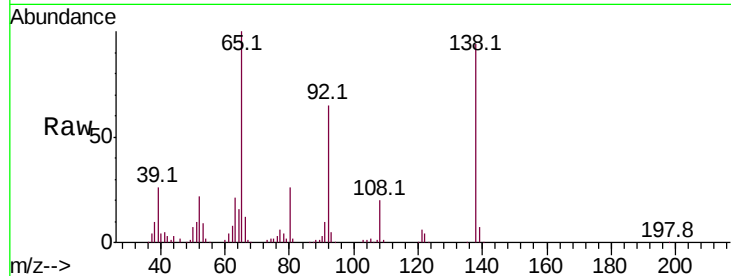
ClientSampleId :

SA-01-091918MSD

Tot Ion:	65	Resp:	132561
Ion Ratio	Lower	Upper	
65	100		
92	65.0	49.9	74.9
138	93.8	76.2	114.4

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



#48

Acenaphthylene

Concen: 49.956 ng

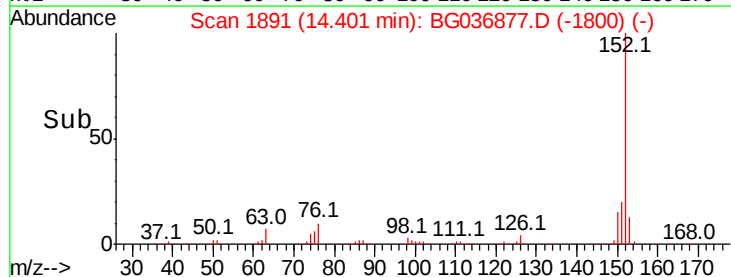
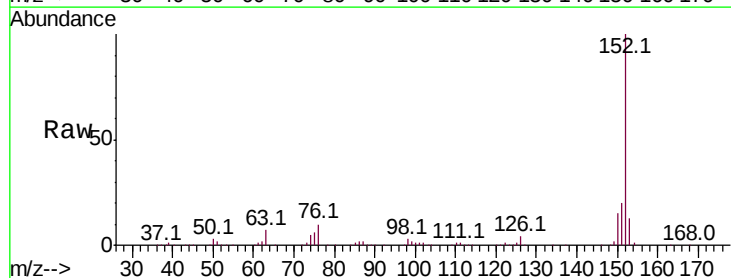
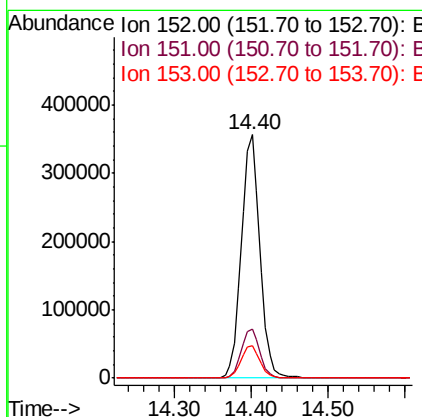
RT: 14.40 min Scan# 1891

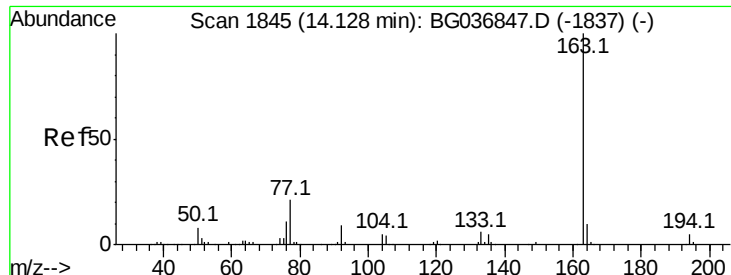
Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Tgt Ion:	152	Resp:	604681
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.9	25.3
153	13.4	11.2	16.8





#49

Dimethylphthalate

Concen: 49.151 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

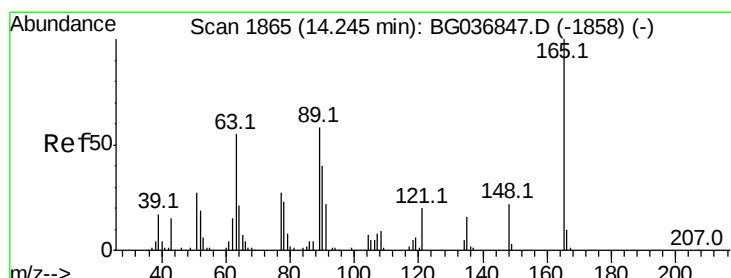
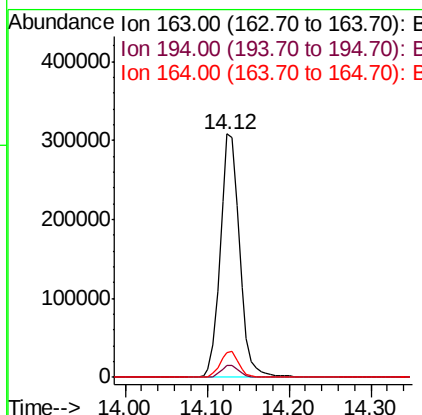
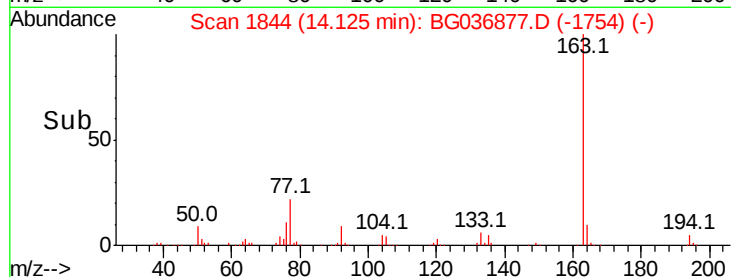
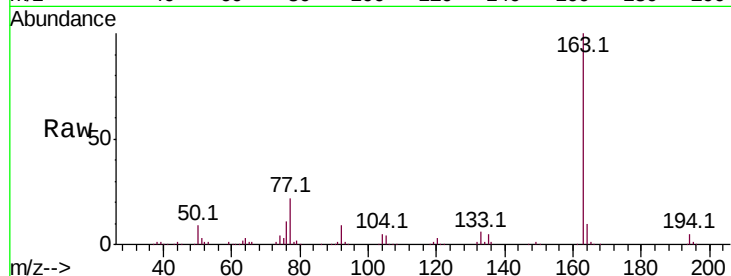
ClientSampleId :

SA-01-091918MSD

Tot Ion:	163	Resp:	507406
Ion Ratio	Lower	Upper	
163	100		
194	4.9	4.0	6.0
164	10.4	8.1	12.1

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



#50

2,6-Dinitrotoluene

Concen: 49.619 ng

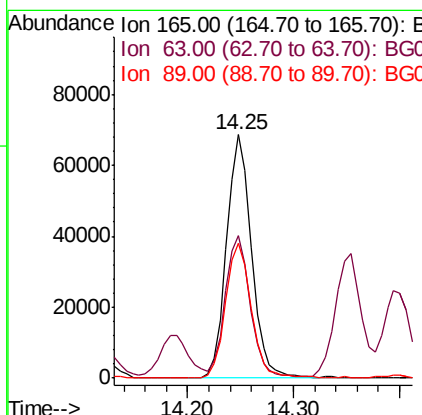
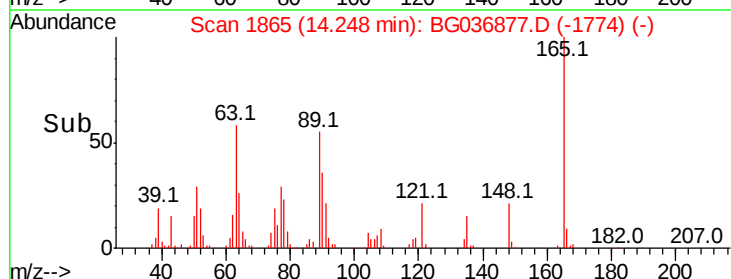
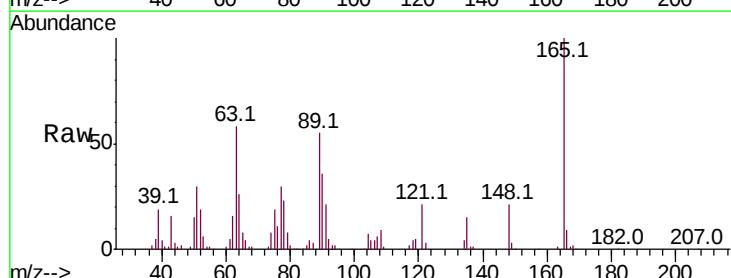
RT: 14.25 min Scan# 1865

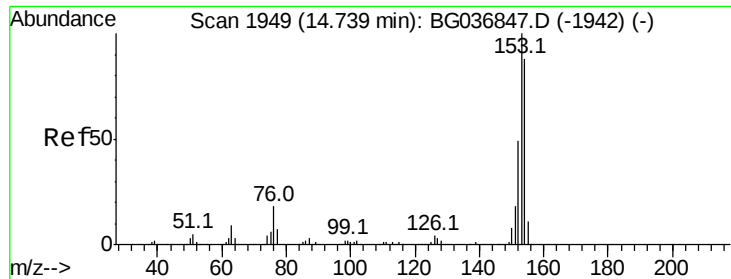
Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Tgt Ion:	165	Resp:	111763
Ion Ratio	Lower	Upper	
165	100		
63	58.4	50.1	75.1
89	55.4	47.8	71.6





#51

Acenaphthene

Concen: 47.864 ng

RT: 14.74 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

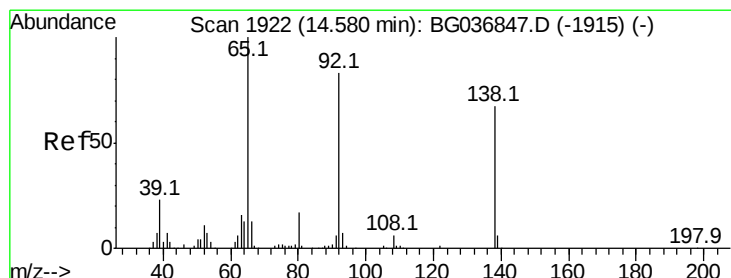
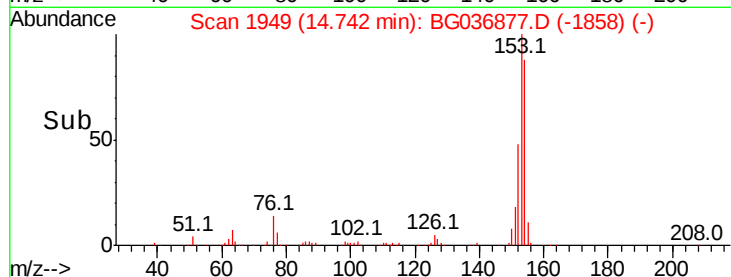
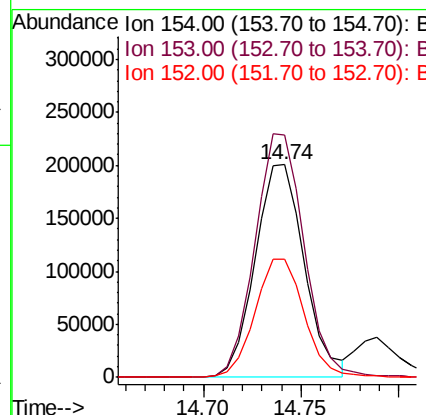
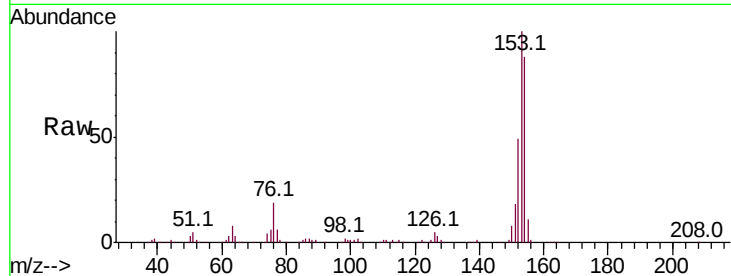
ClientSampleId :

SA-01-091918MSD

Tot Ion:	154	Resp:	350150
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.8	137.6
152	55.4	43.5	65.3

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



#52

3-Nitroaniline

Concen: 12.574 ng

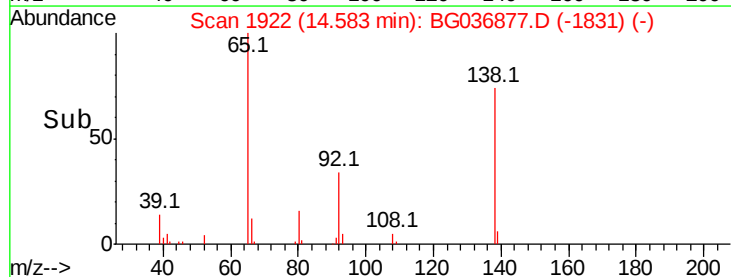
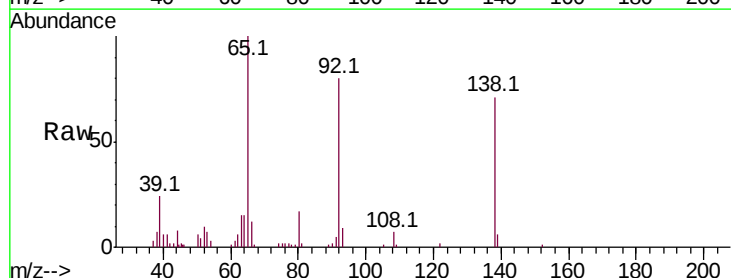
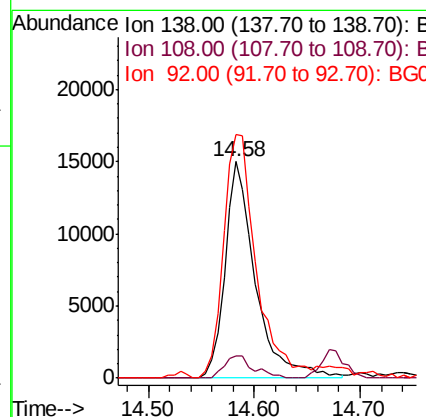
RT: 14.58 min Scan# 1922

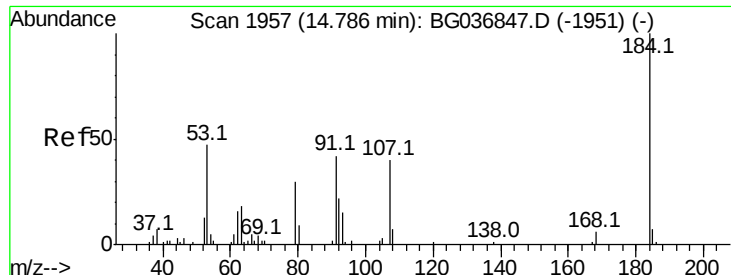
Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Tgt Ion:	138	Resp:	29843
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.2
92	112.4	96.8	145.2





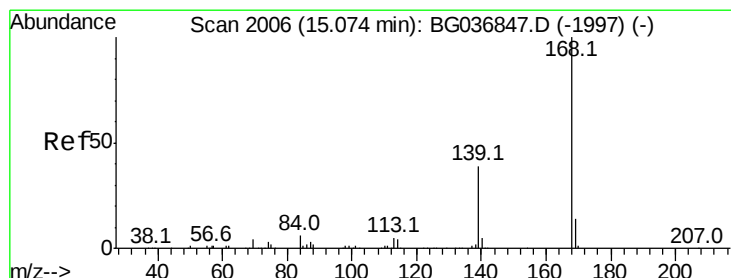
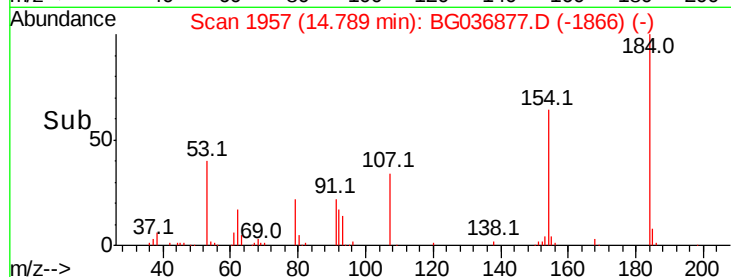
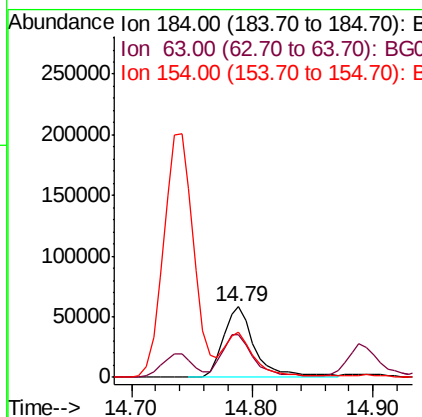
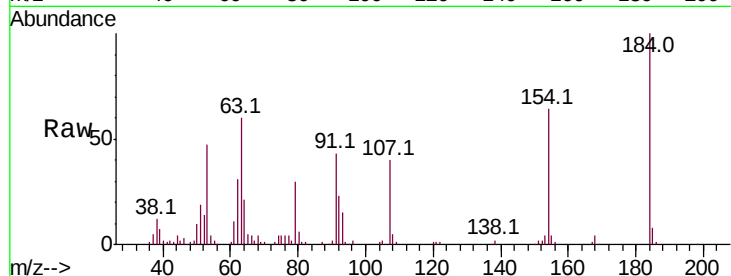
#53
 2,4-Dinitrophenol
 Concen: 97.695 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.4	47.3	70.9	
154	64.4	51.1	76.7	

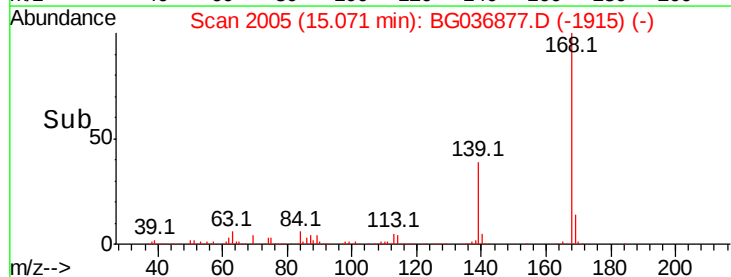
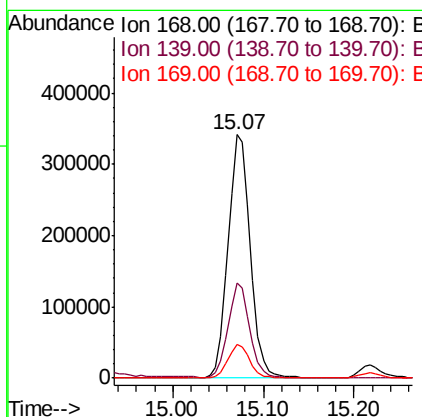
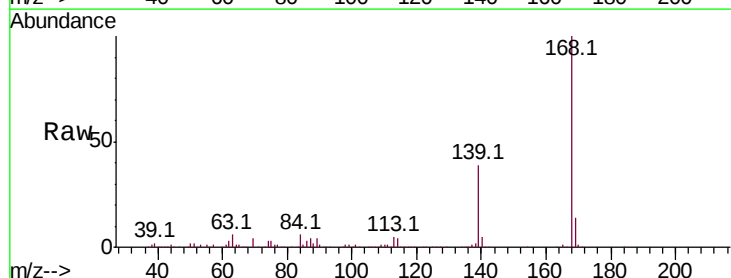
Manual Integrations
 APPROVED

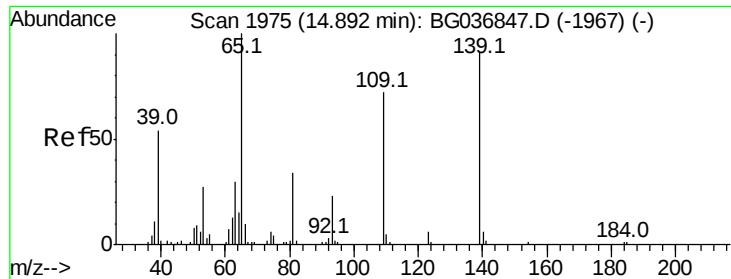
Sohil
 9/24/2018 9:29:49 AM



#54
 Dibenzofuran
 Concen: 46.978 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.1	31.0	46.6	
169	13.7	11.1	16.7	





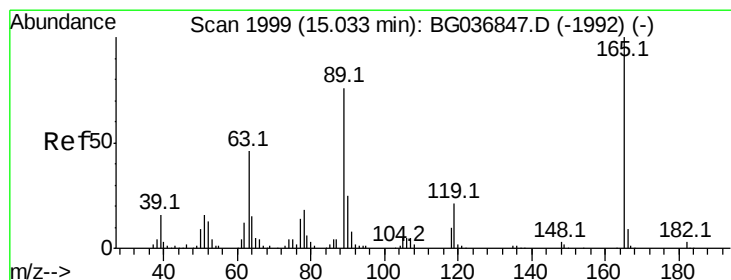
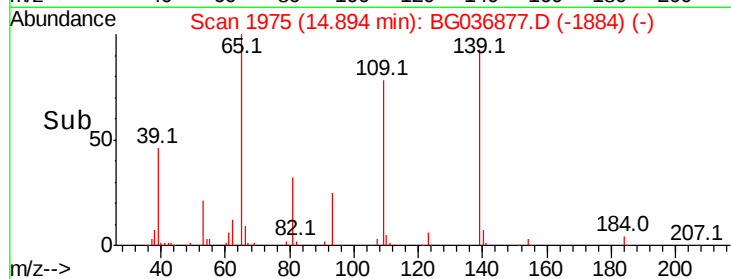
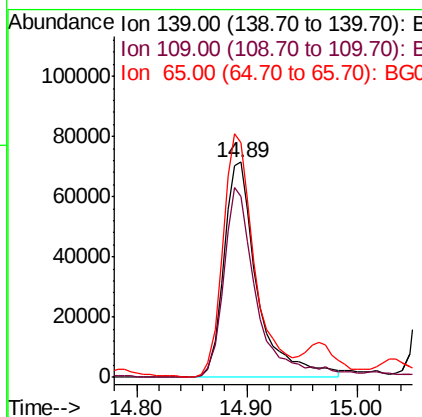
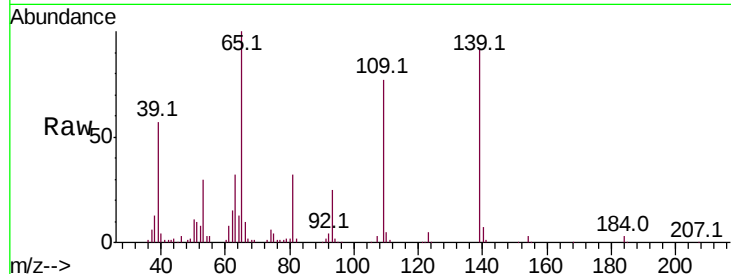
#55
4-Nitrophenol
Concen: 99.823 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	83.8	63.9	103.9	
65	109.2	90.0	130.0	

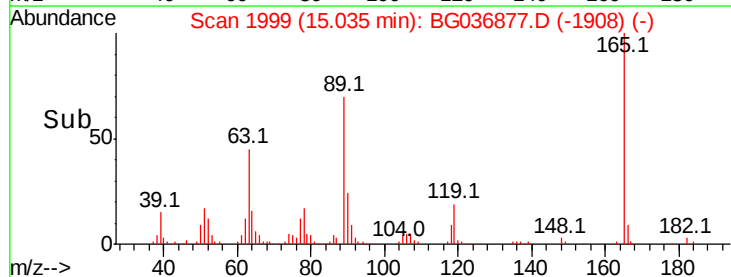
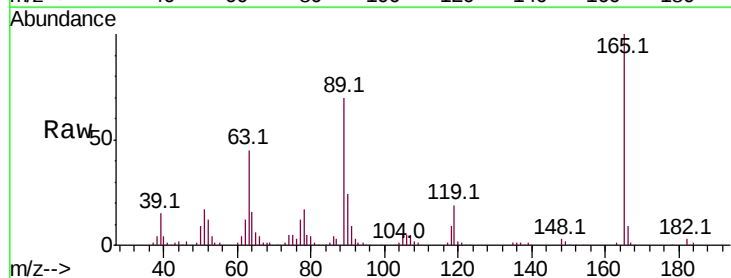
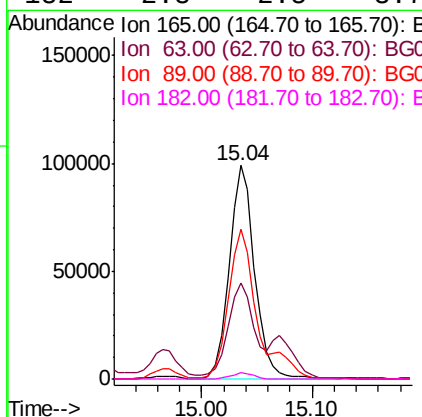
Manual Integrations
APPROVED

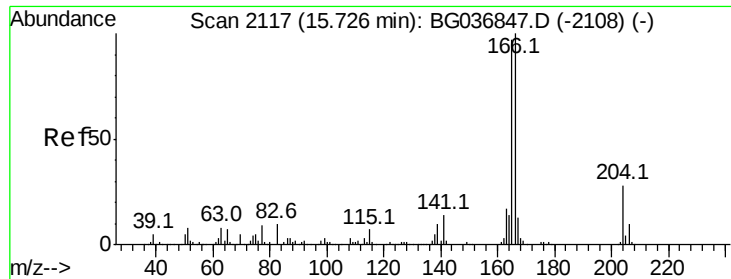
Sohil
9/24/2018 9:29:49 AM



#56
2,4-Dinitrotoluene
Concen: 50.267 ng
RT: 15.04 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.2	40.1	60.1	
89	70.4	63.7	95.5	
182	2.8	2.5	3.7	





#57

Fluorene

Concen: 51.258 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

SA-01-091918MSD

Tot Ion:166 Resp: 474075

Ion Ratio Lower Upper

166 100

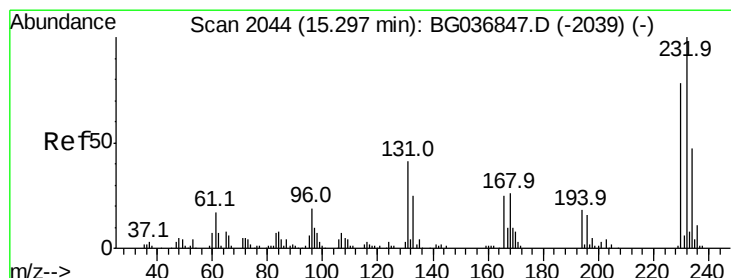
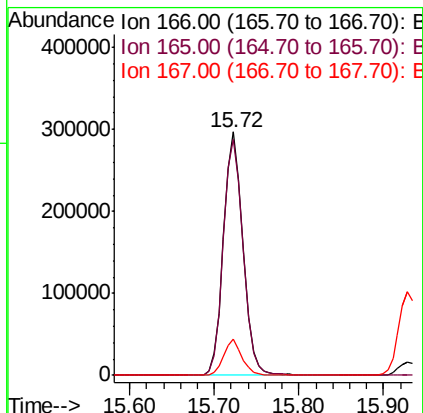
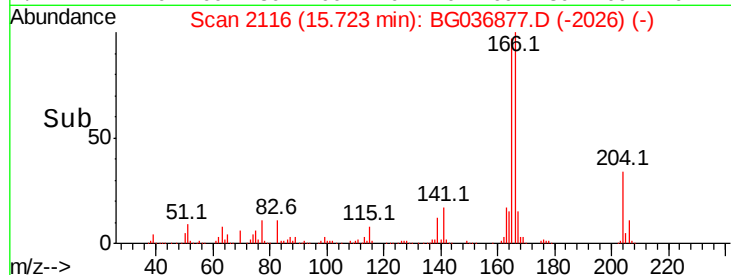
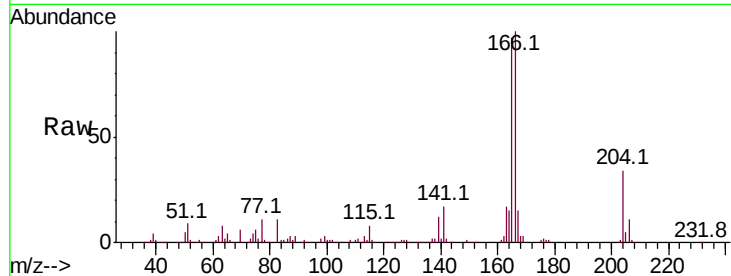
165 96.9 77.0 115.4

167 14.8 10.6 16.0

Manual Integrations
APPROVED

Sohil

9/24/2018 9:29:49 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.196 ng

RT: 15.30 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Tgt Ion:232 Resp: 148310

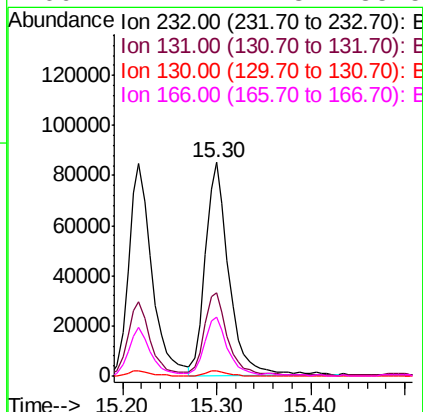
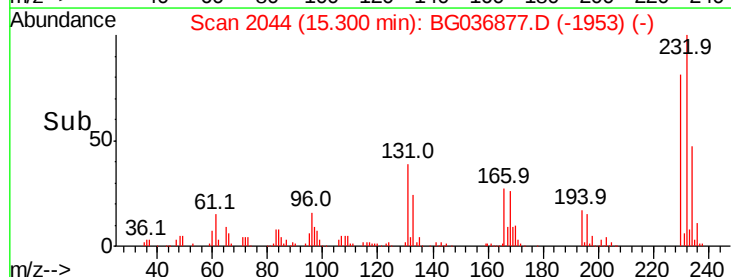
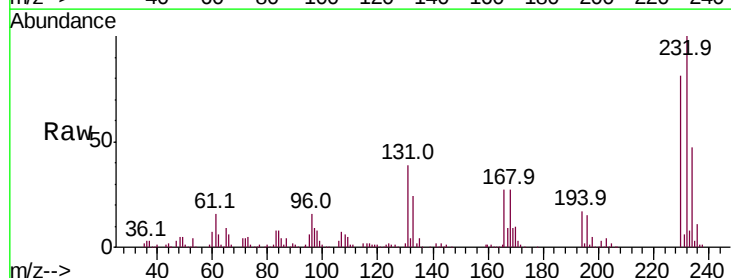
Ion Ratio Lower Upper

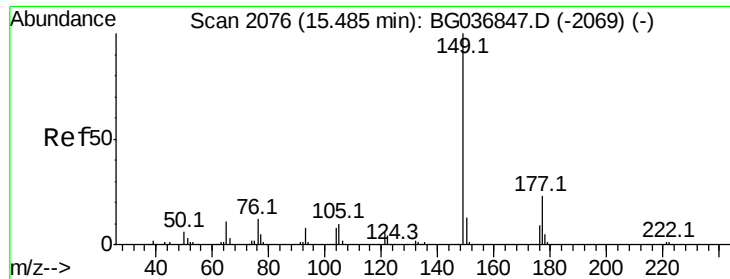
232 100

131 38.4 33.8 50.8

130 2.3 2.1 3.1

166 27.7 22.3 33.5





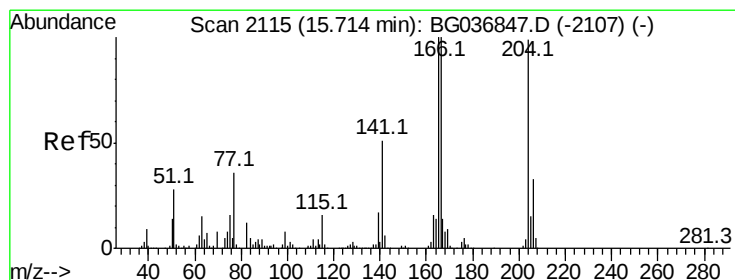
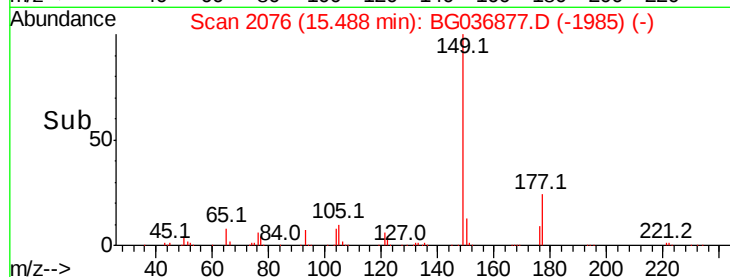
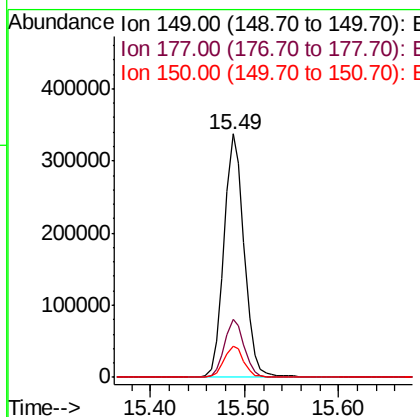
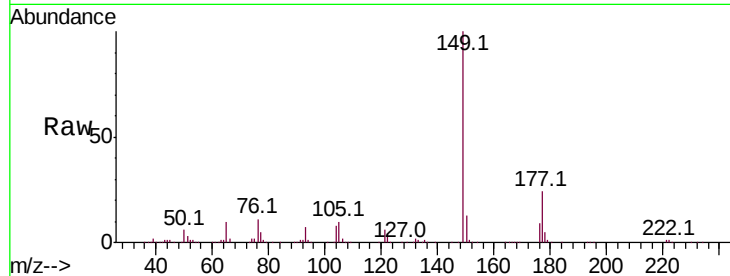
#59
Diethylphthalate
Concen: 48.359 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	503532		
177	23.7	19.1	28.7	
150	12.7	10.7	16.1	

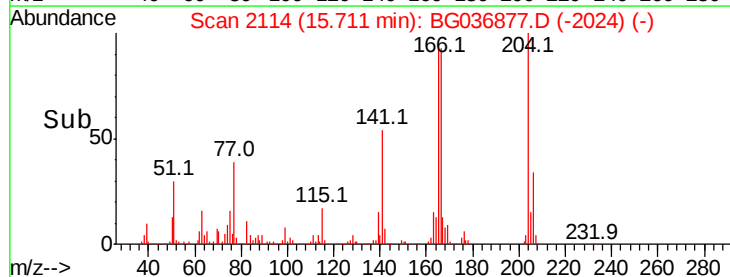
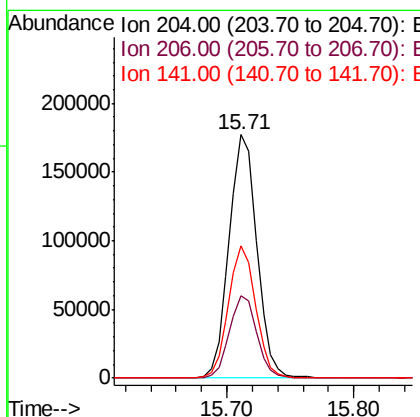
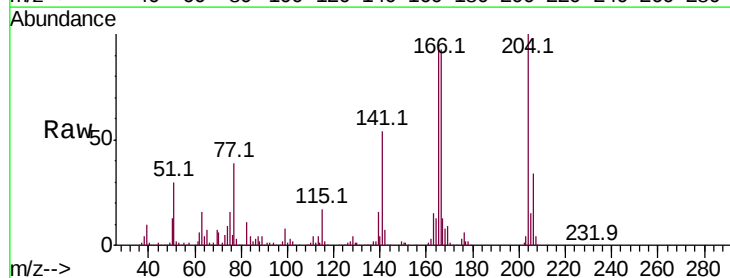
Manual Integrations
APPROVED

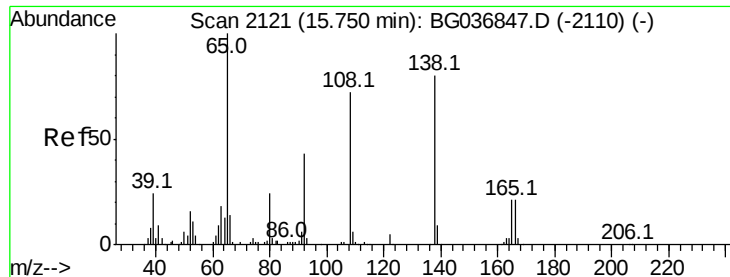
Sohil
9/24/2018 9:29:49 AM



#60
4-Chlorophenyl-phenylether
Concen: 45.905 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	268873		
206	33.8	27.0	40.4	
141	54.1	43.8	65.6	





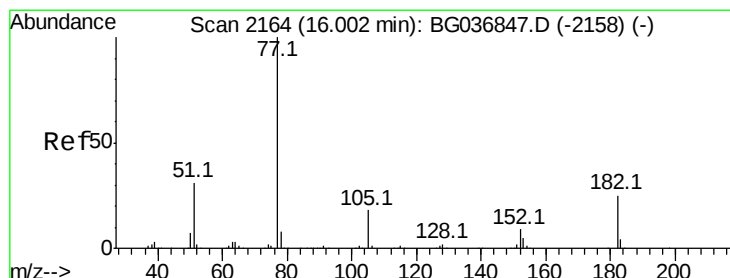
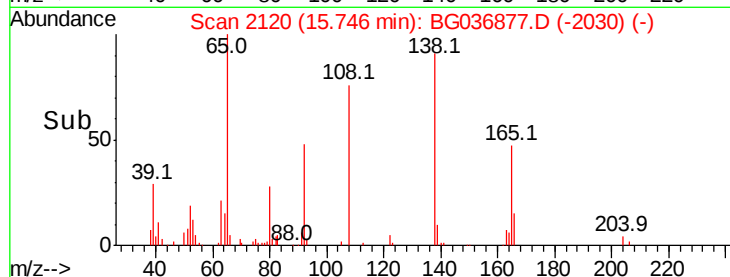
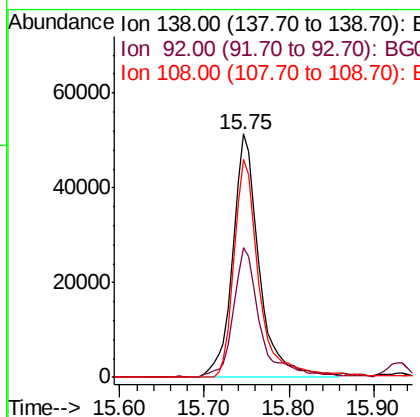
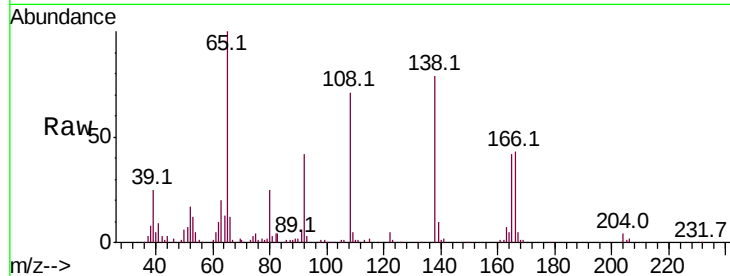
#61
4-Nitroaniline
Concen: 44.211 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion:138 Resp: 110377
Ion Ratio Lower Upper
138 100
92 53.4 38.5 78.5
108 89.6 70.3 110.3

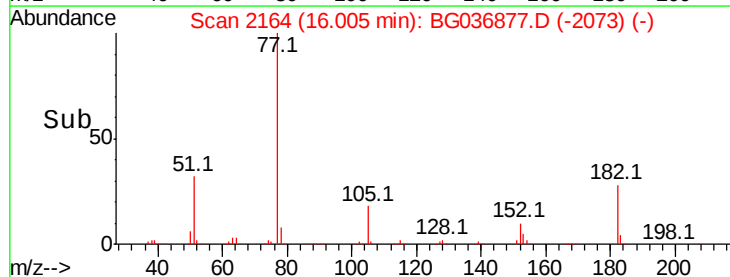
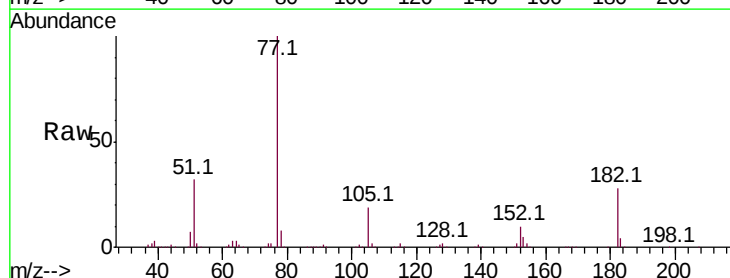
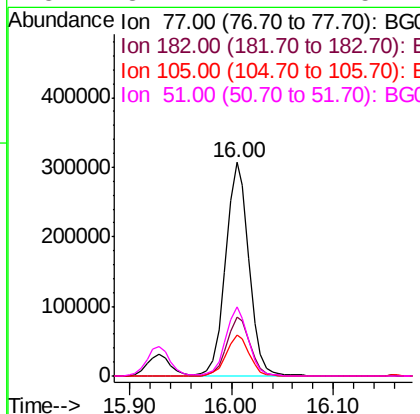
Manual Integrations
APPROVED

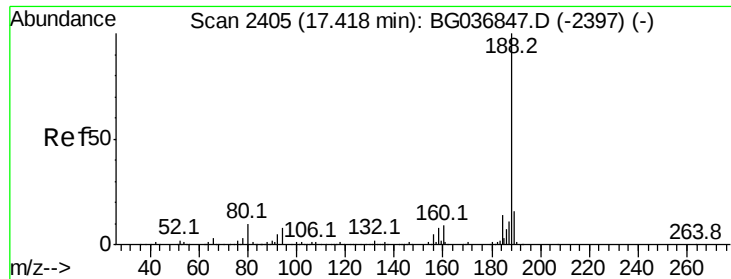
Sohil
9/24/2018 9:29:49 AM



#62
Azobenzene
Concen: 48.737 ng
RT: 16.00 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion: 77 Resp: 487599
Ion Ratio Lower Upper
77 100
182 27.6 6.7 46.7
105 19.4 0.0 39.8
51 32.4 12.4 52.4





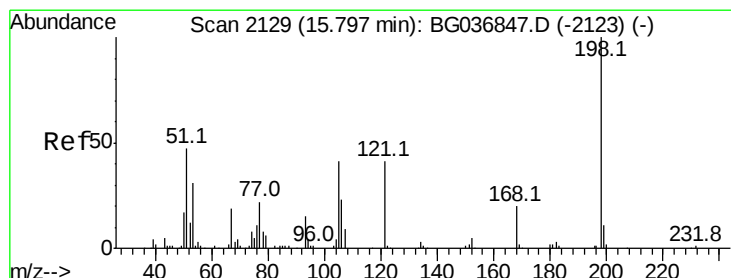
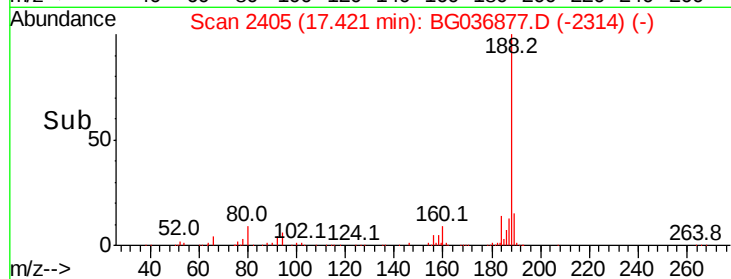
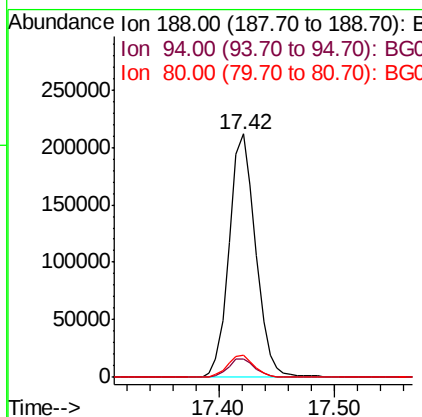
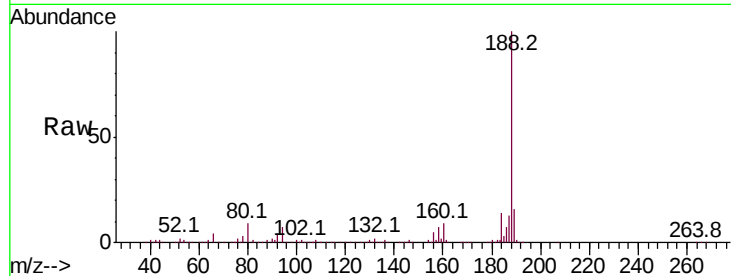
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.3	6.7	10.1	
80	9.0	8.1	12.1	

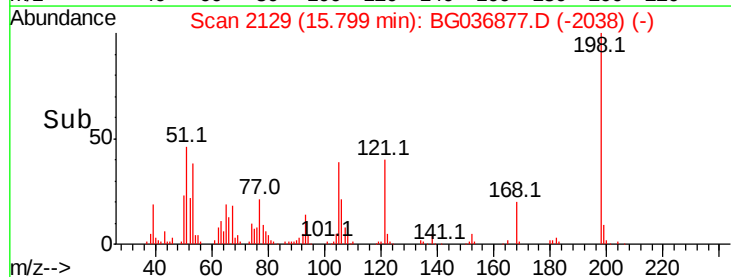
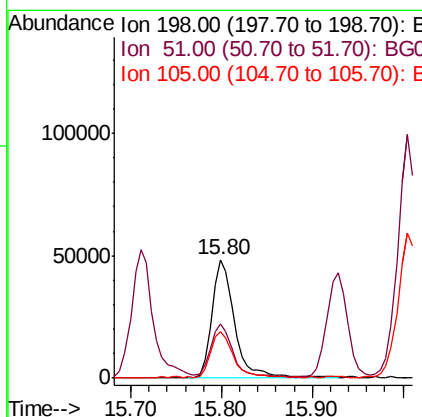
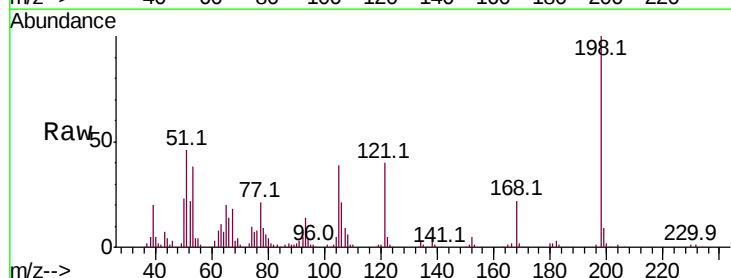
Manual Integrations
APPROVED

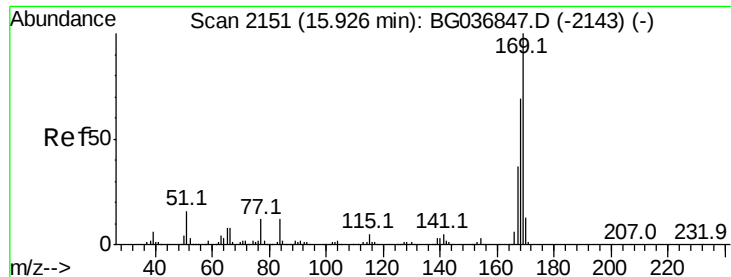
Sohil
9/24/2018 9:29:49 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.942 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	46.1	26.5	66.5	
105	39.2	20.2	60.2	





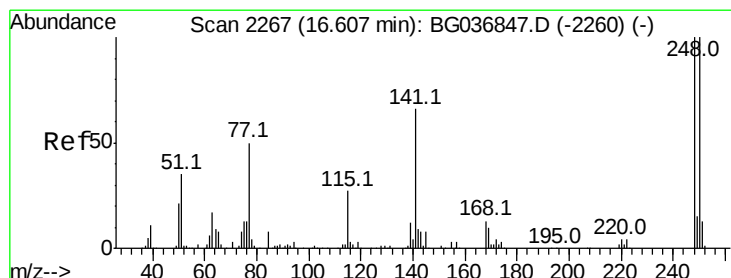
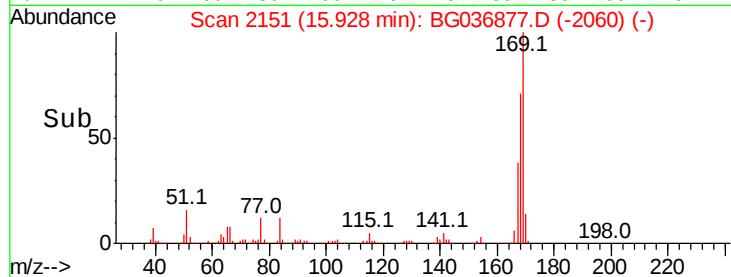
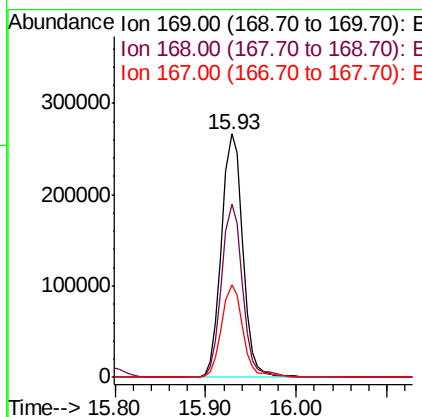
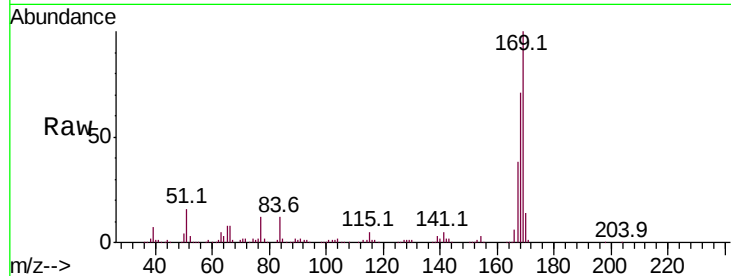
#65
 n-Nitrosodiphenylamine
 Concen: 46.836 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.0	57.6	86.4
167	38.1	31.0	46.4

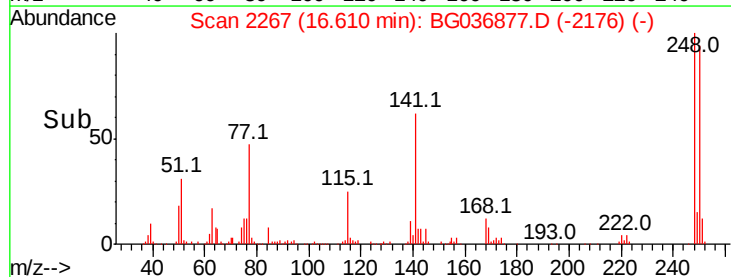
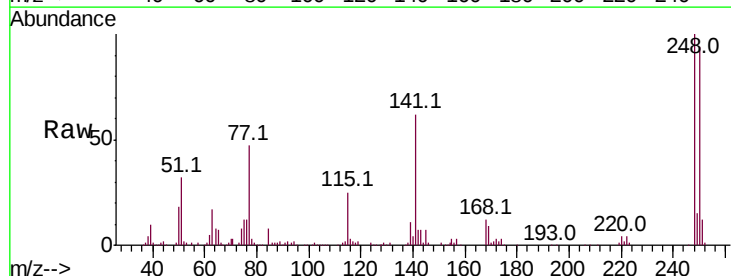
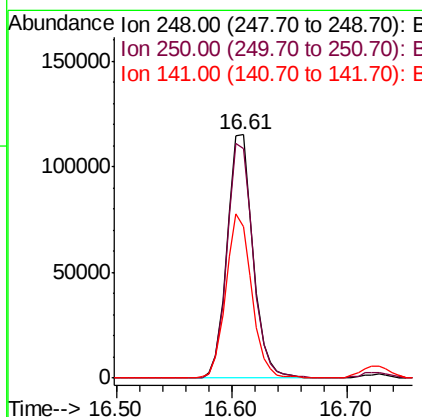
Manual Integrations
 APPROVED

Sohil
 9/24/2018 9:29:49 AM



#66
 4-Bromophenyl-phenylether
 Concen: 46.907 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.4	78.1	117.1
141	62.4	53.7	80.5





#67

Hexachlorobenzene

Concen: 46.273 ng

RT: 16.73 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

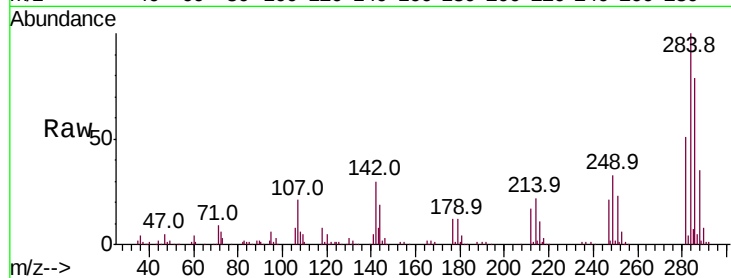
ClientSampleId :

SA-01-091918MSD

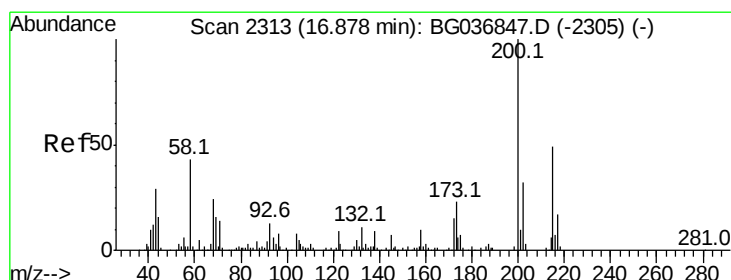
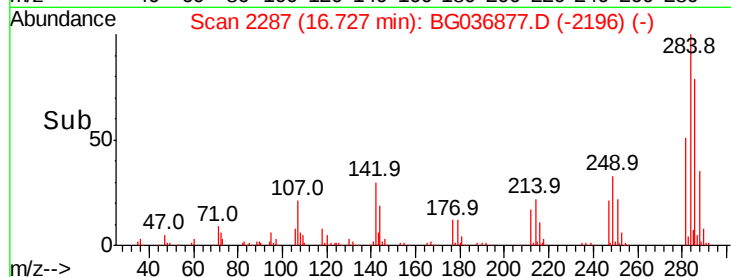
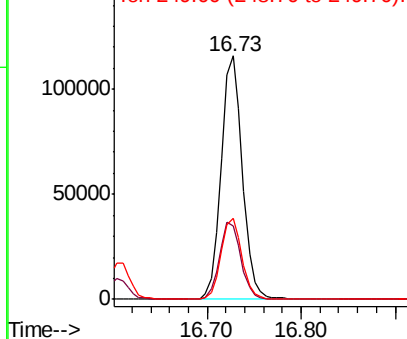
Tot Ion:	284	Resp:	182407
Ion Ratio		Lower	Upper
284	100		
142	30.3	27.8	41.6
249	33.1	27.4	41.2

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



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: 46.149 ng

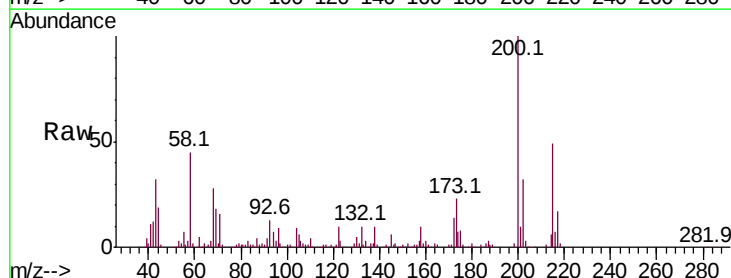
RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

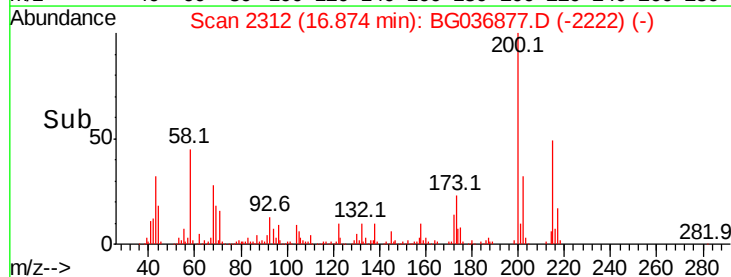
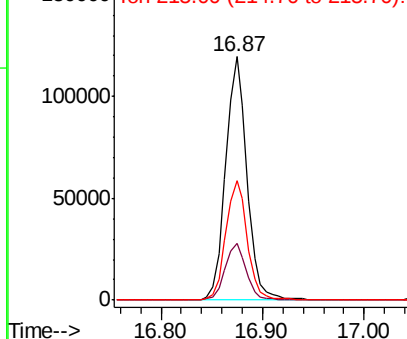
Lab File: BG036877.D

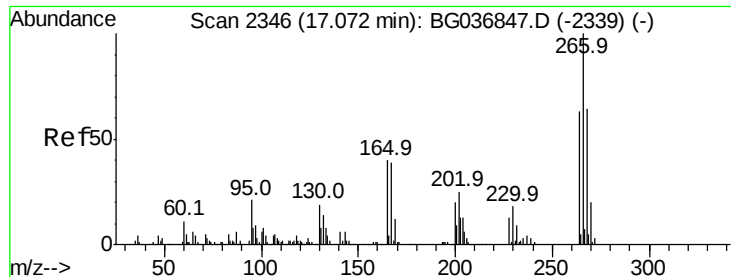
Acq: 22 Sep 2018 3:11

Tgt Ion:	200	Resp:	173586
Ion Ratio		Lower	Upper
200	100		
173	23.5	3.9	43.9
215	49.0	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





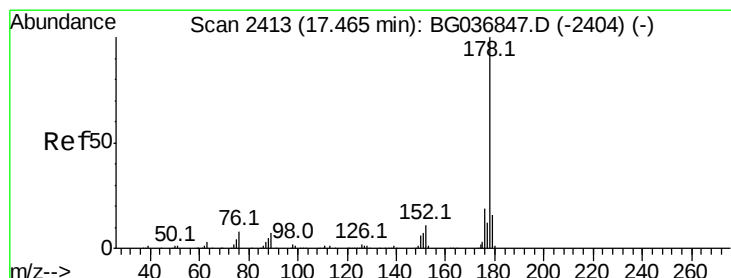
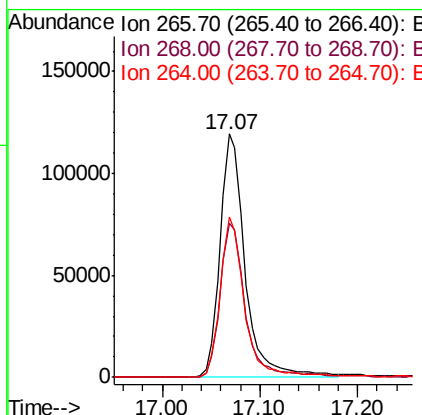
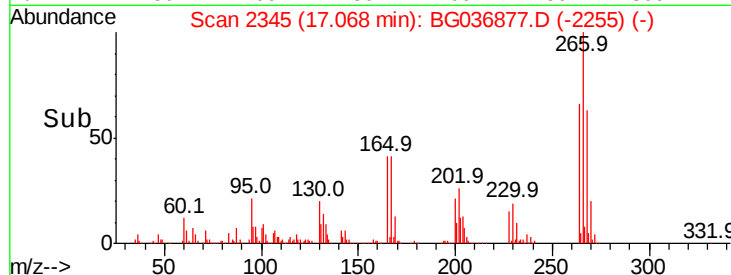
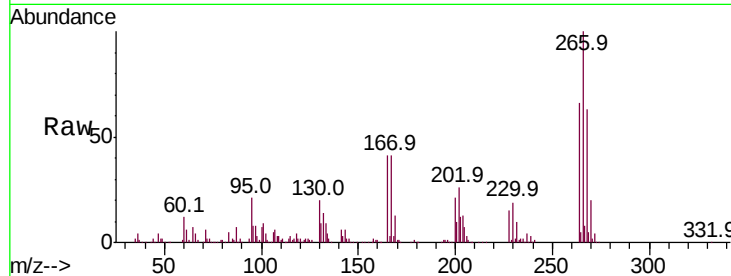
#69
 Pentachlorophenol
 Concen: 85.649 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	212569		
268	63.1	51.4	77.2	
264	66.0	48.9	73.3	

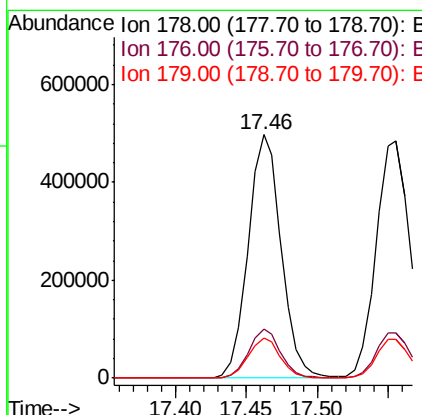
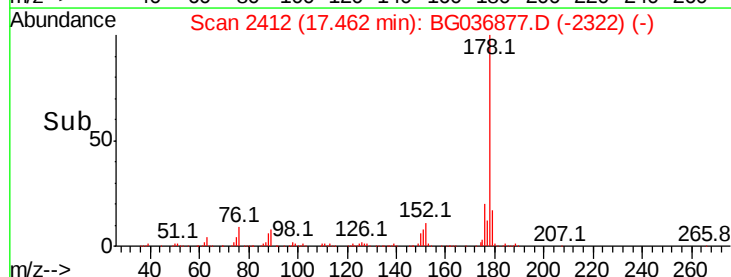
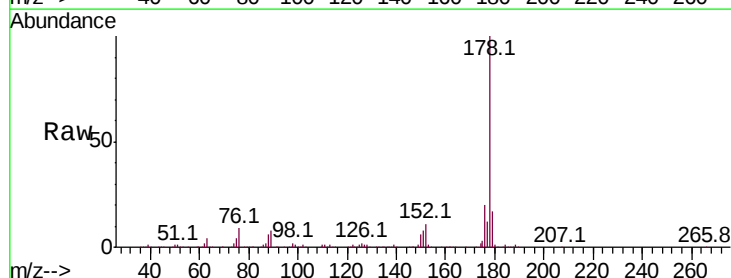
Manual Integrations
 APPROVED

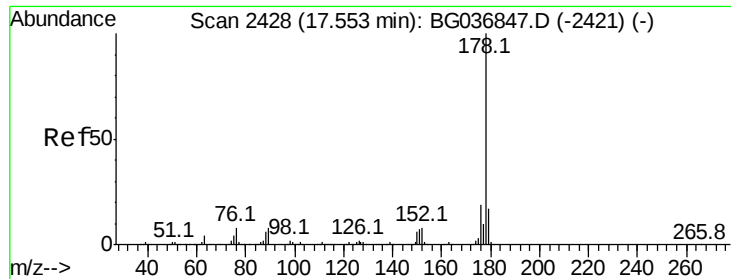
Sohil
 9/24/2018 9:29:49 AM



#70
 Phenanthrene
 Concen: 50.374 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	816825		
176	20.0	15.4	23.2	
179	16.5	13.4	20.2	





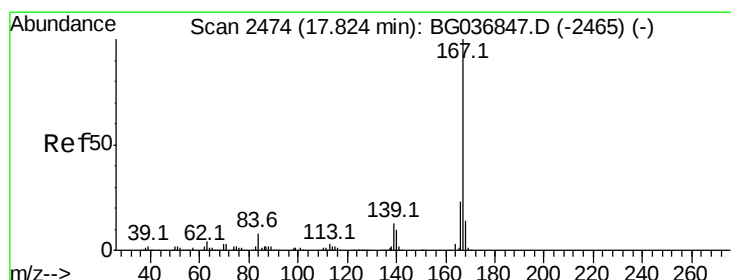
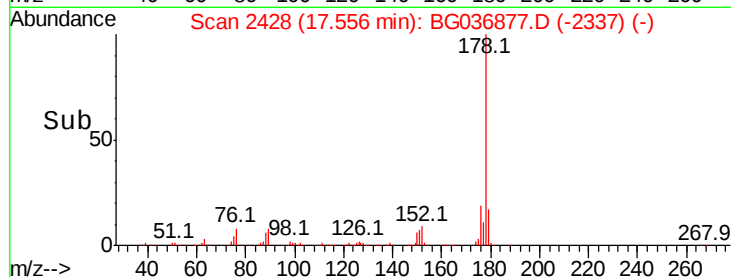
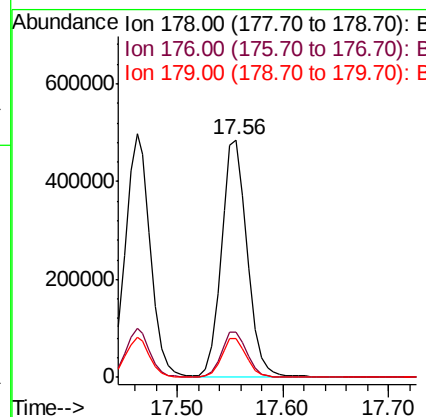
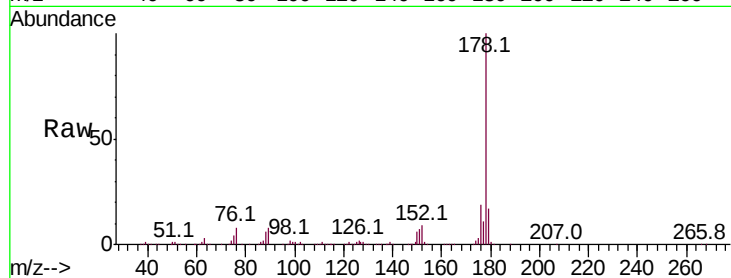
#71
 Anthracene
 Concen: 51.338 ng
 RT: 17.56 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.5	13.0	19.4

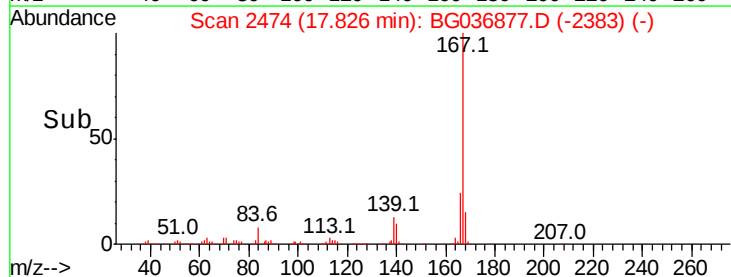
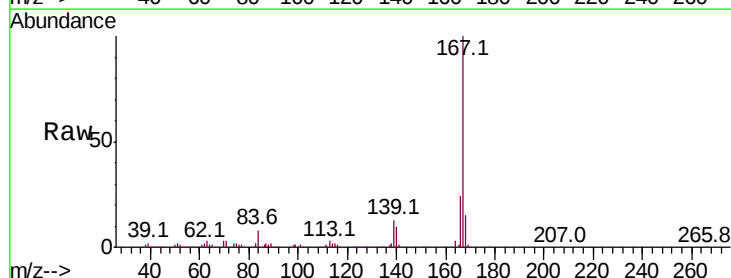
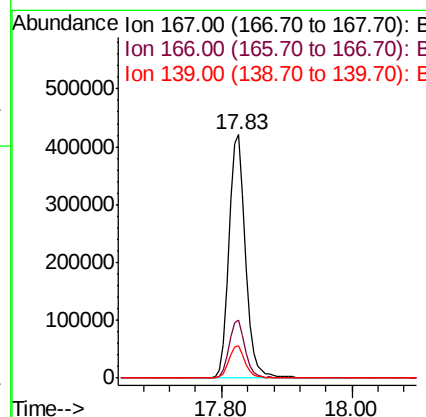
Manual Integrations
 APPROVED

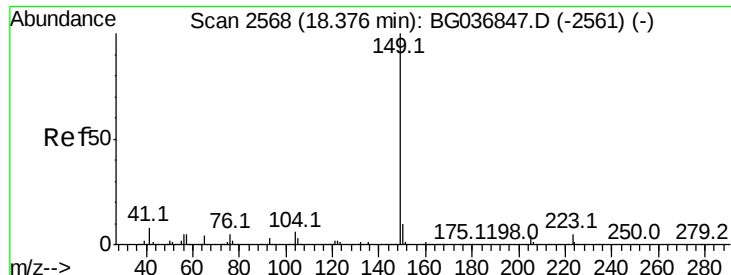
Sohil
 9/24/2018 9:29:49 AM



#72
 Carbazole
 Concen: 47.299 ng
 RT: 17.83 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.5	29.3
139	13.2	10.7	16.1





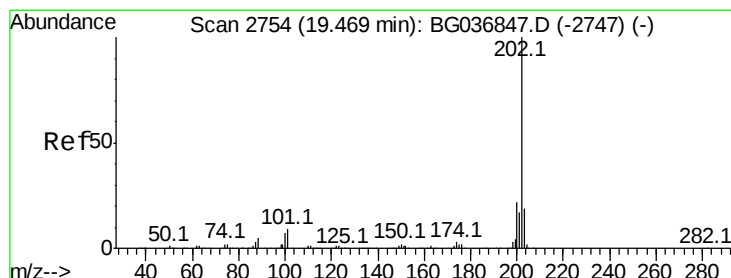
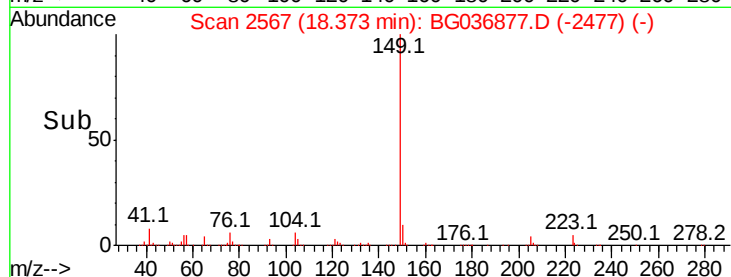
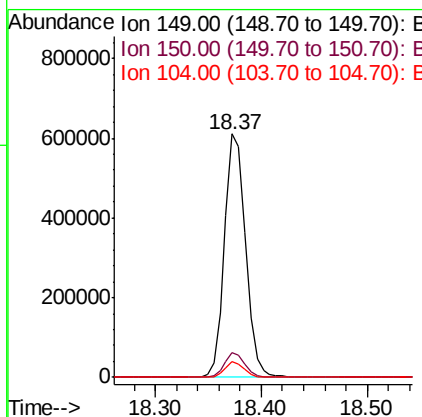
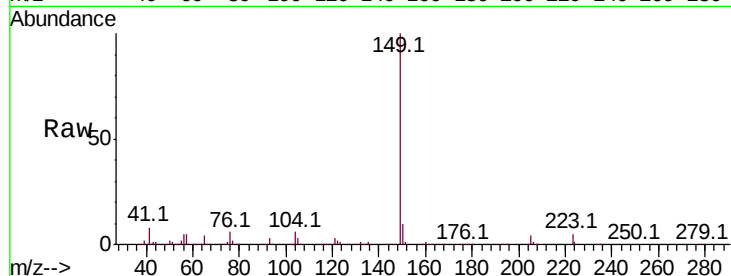
#73
Di-n-butylphthalate
Concen: 48.802 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.3	8.1	12.1	
104	6.2	4.6	6.8	

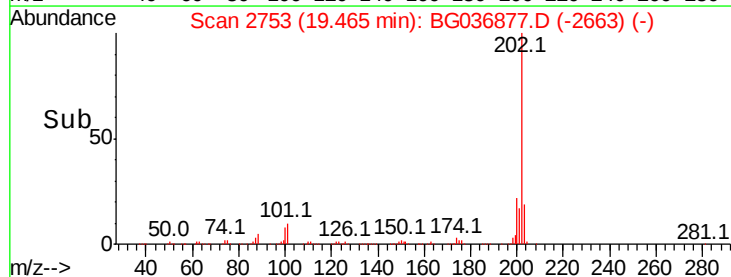
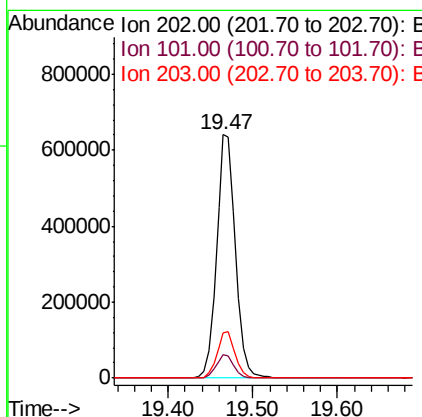
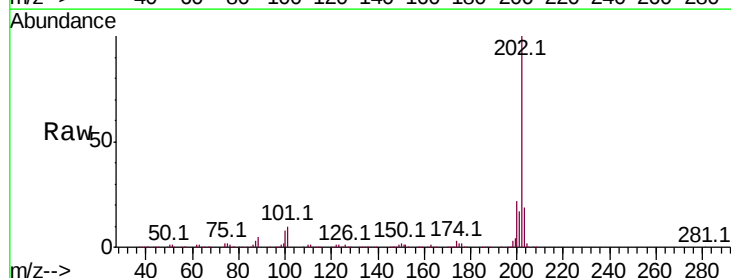
Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



#74
Fluoranthene
Concen: 50.924 ng
RT: 19.47 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.6	0.0	29.4	
203	18.8	0.0	38.9	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

ClientSampleId :

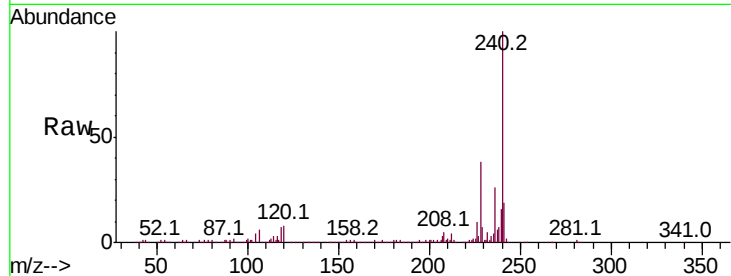
SA-01-091918MSD

Tot Ion:	240	Resp:	337513
Ion Ratio	Lower	Upper	
240	100		
120	8.1	6.9	10.3
236	26.3	21.2	31.8

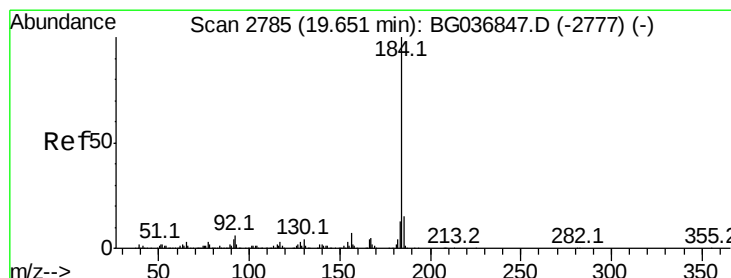
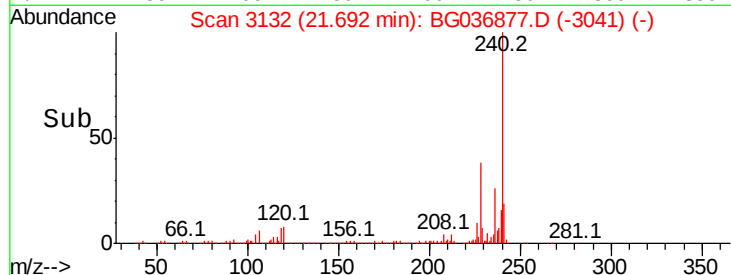
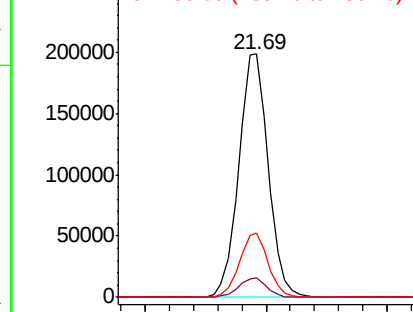
Manual Integrations
APPROVED

Sohil

9/24/2018 9:29:49 AM



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: 9.882 ng

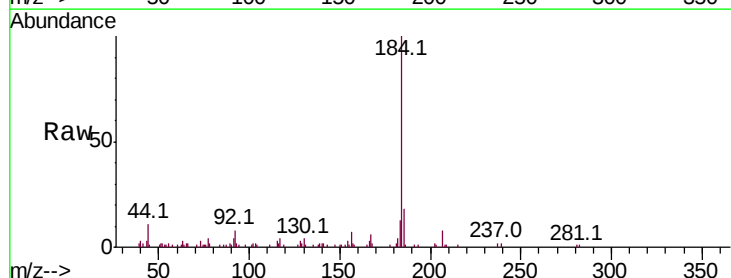
RT: 19.67 min Scan# 2787

Delta R.T. 0.01 min

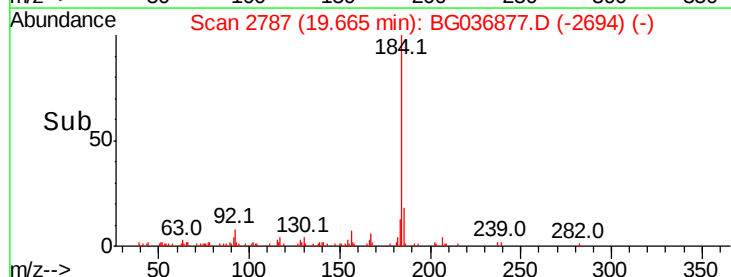
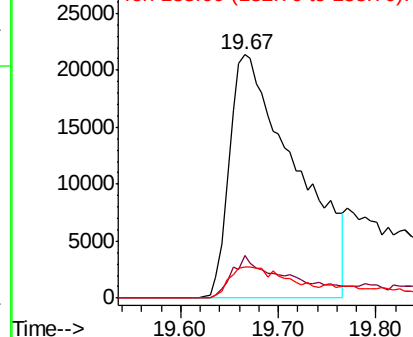
Lab File: BG036877.D

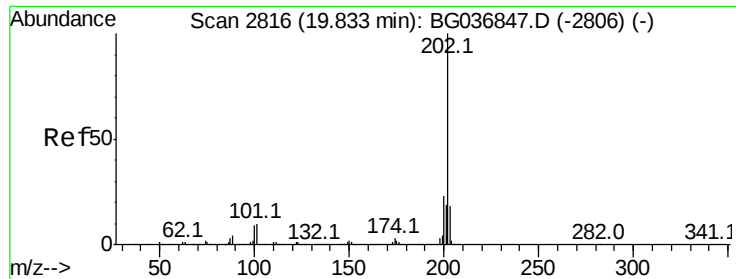
Acq: 22 Sep 2018 3:11

Tgt Ion:	184	Resp:	100821
Ion Ratio	Lower	Upper	
184	100		
185	17.6	12.6	18.8
183	13.0	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





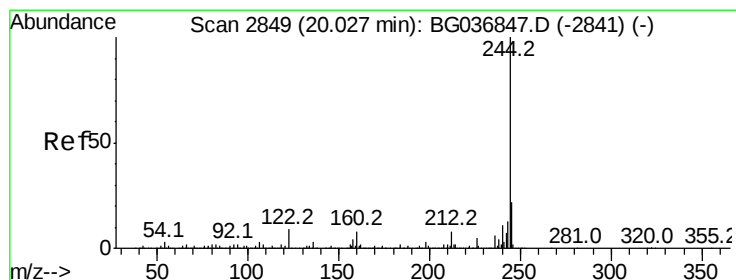
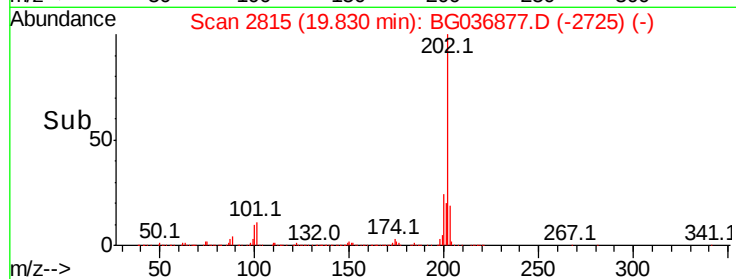
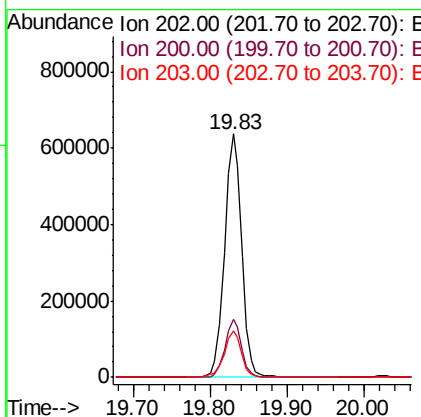
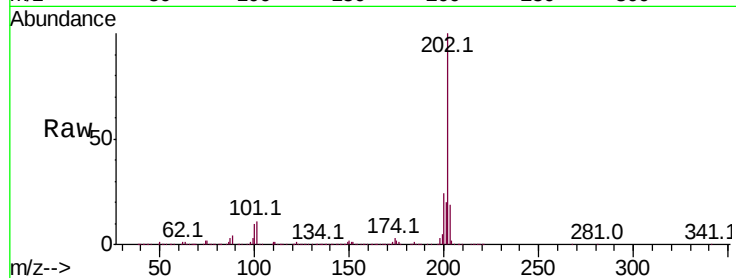
#77
Pvrene
Concen: 48.322 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	23.7	18.3	27.5	
203	19.3	15.1	22.7	

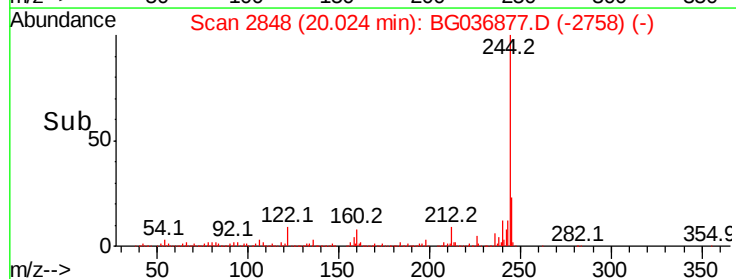
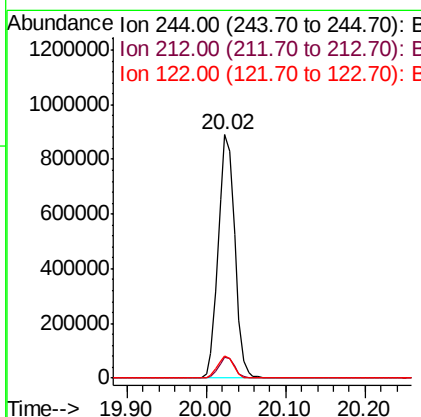
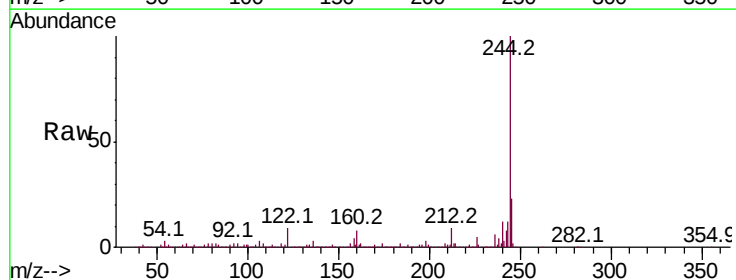
Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



#78
Terphenyl-d14
Concen: 100.276 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.8	7.0	10.6	
122	9.3	7.1	10.7	





#79

Butylbenzylphthalate

Concen: 48.819 ng

RT: 20.71 min Scan# 2965

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

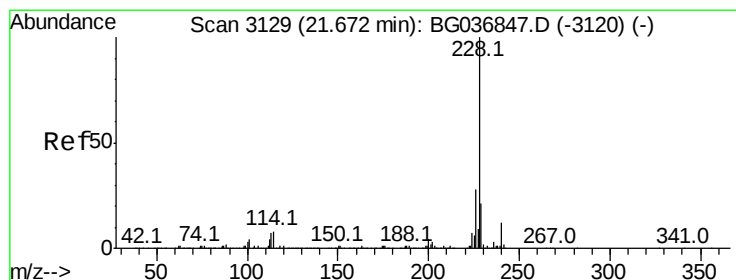
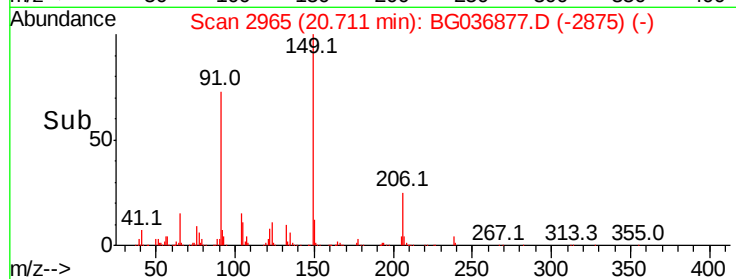
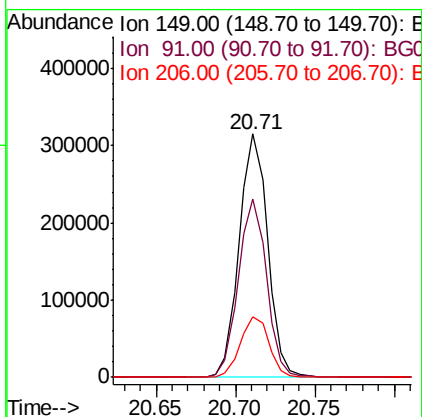
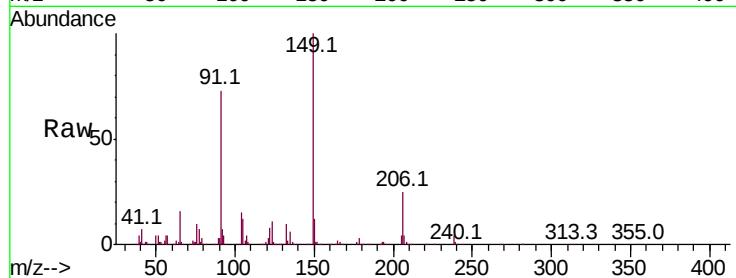
ClientSampleId :

SA-01-091918MSD

Tot Ion:	149	Resp:	394115
Ion Ratio	Lower	Upper	
149	100		
91	73.1	62.0	93.0
206	25.0	19.6	29.4

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



#80

Benzo(a)anthracene

Concen: 49.989 ng

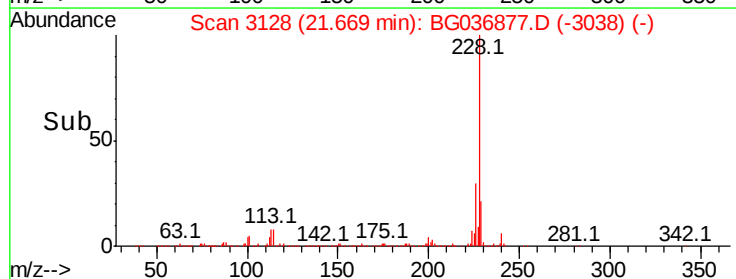
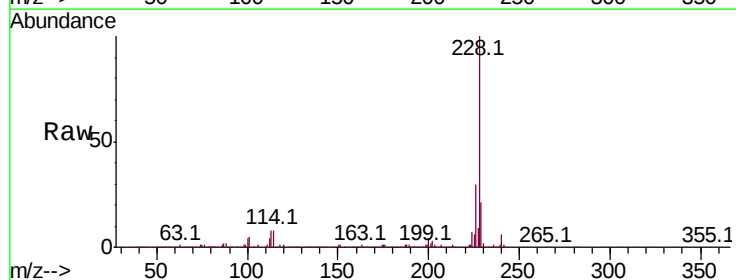
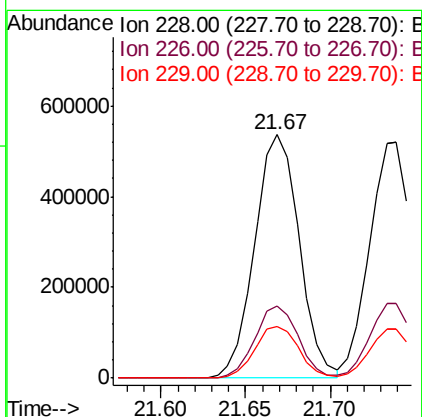
RT: 21.67 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Tgt Ion:	228	Resp:	984898
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.2
229	21.0	17.1	25.7





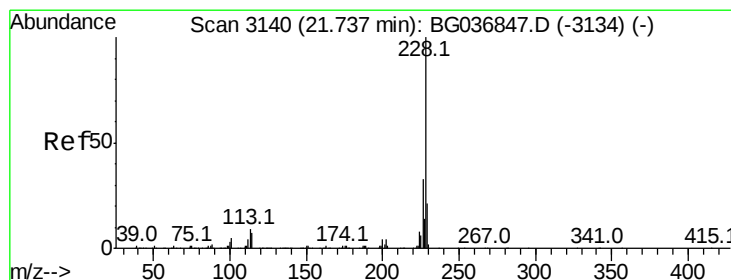
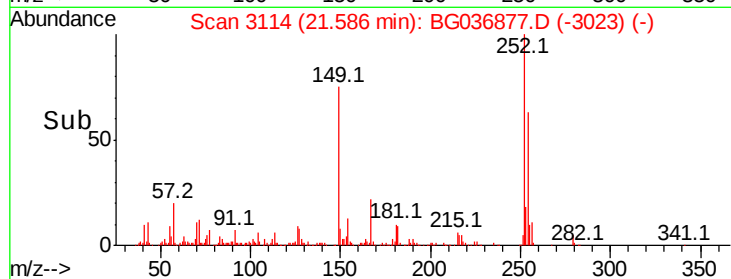
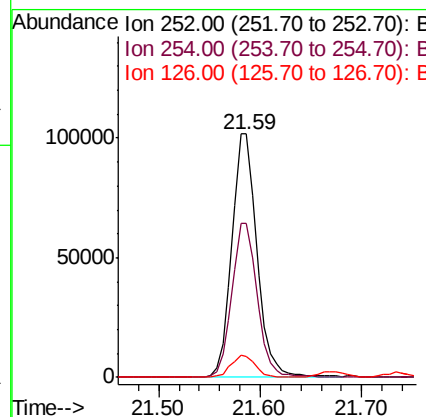
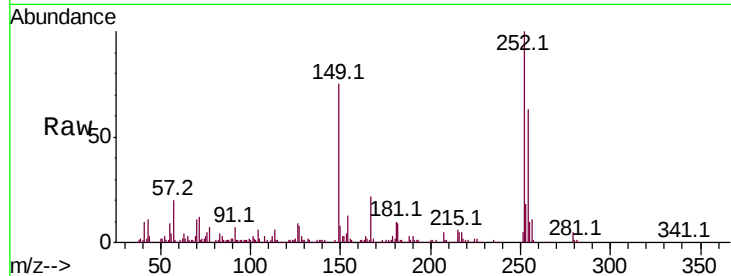
#81
 3,3'-Dichlorobenzidine
 Concen: 23.412 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	51.0	76.4
126	8.8	7.4	11.0

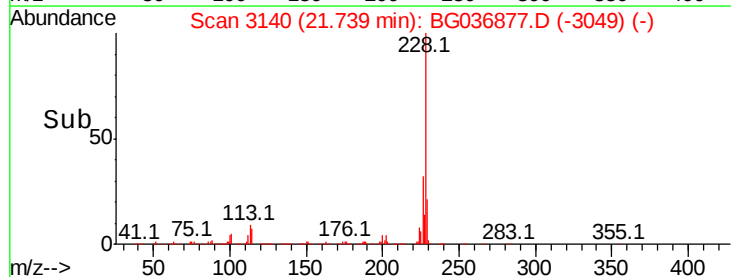
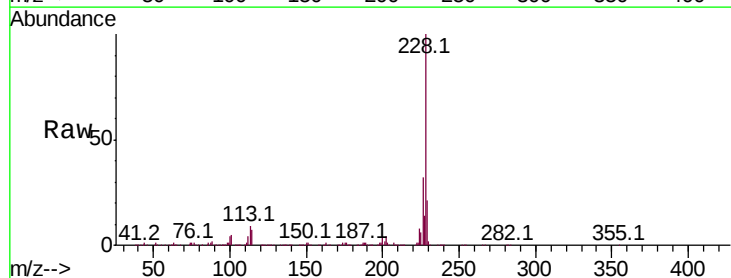
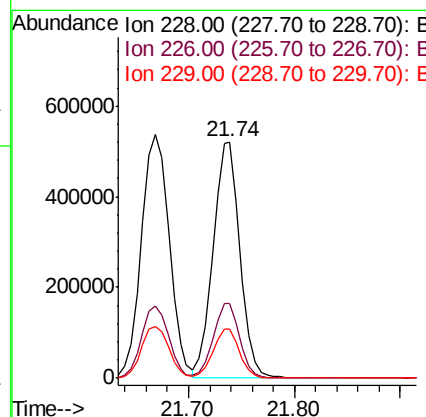
Manual Integrations
 APPROVED

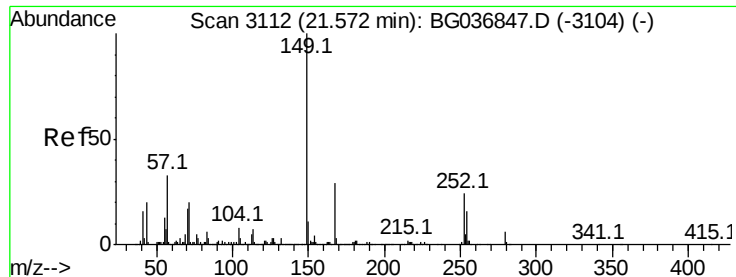
Sohil
 9/24/2018 9:29:49 AM



#82
 Chrysene
 Concen: 48.284 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.7	25.5	38.3
229	20.7	16.9	25.3





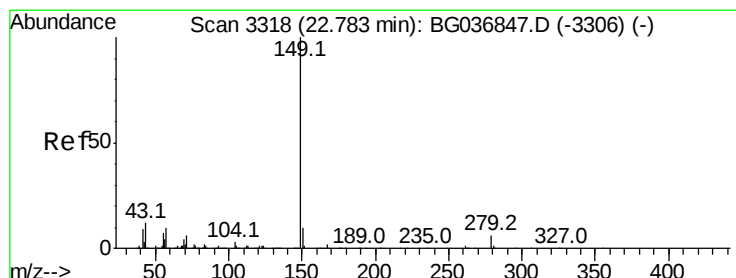
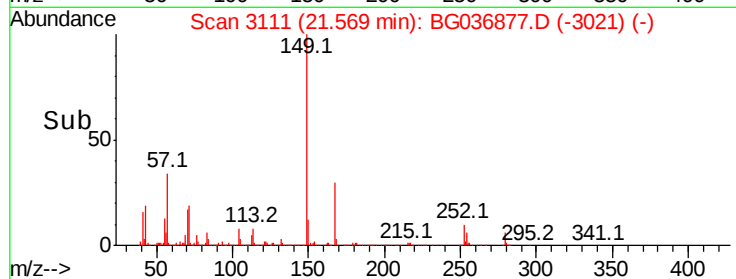
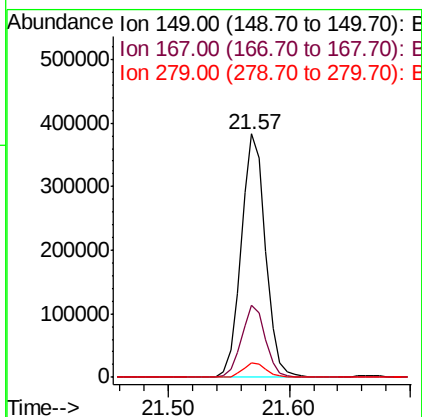
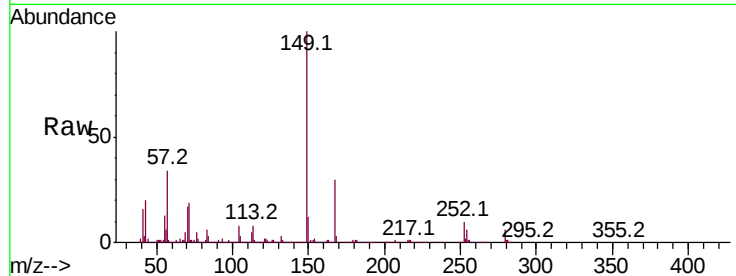
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.519 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.7	23.4	35.0	
279	5.9	4.6	7.0	

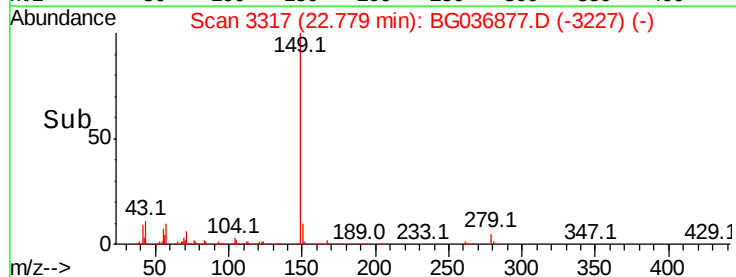
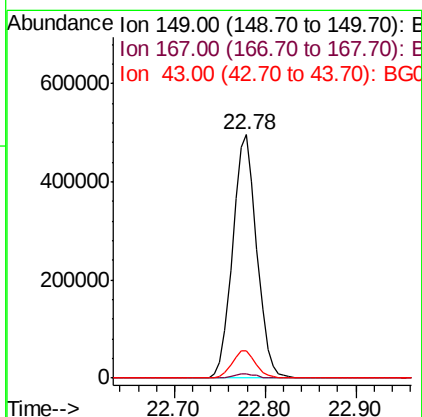
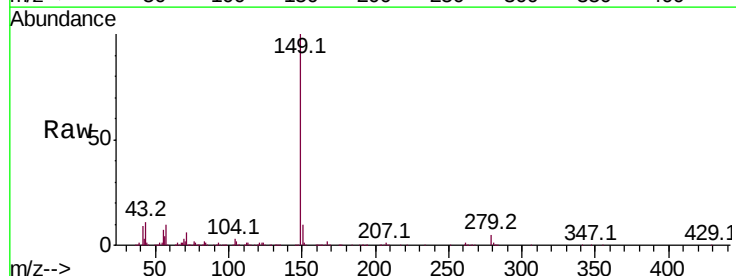
Manual Integrations
 APPROVED

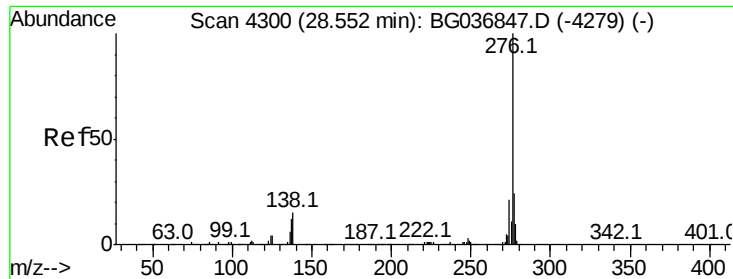
Sohil
 9/24/2018 9:29:49 AM



#84
 Di-n-octyl phthalate
 Concen: 49.442 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	11.2	10.0	15.0	





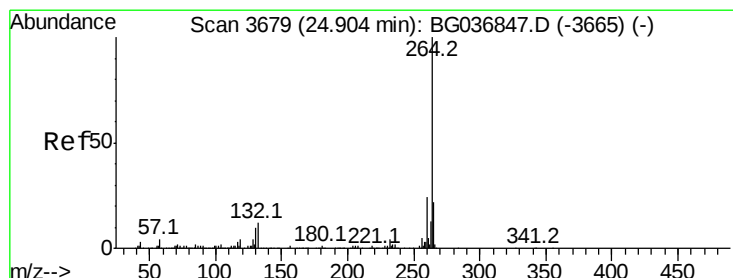
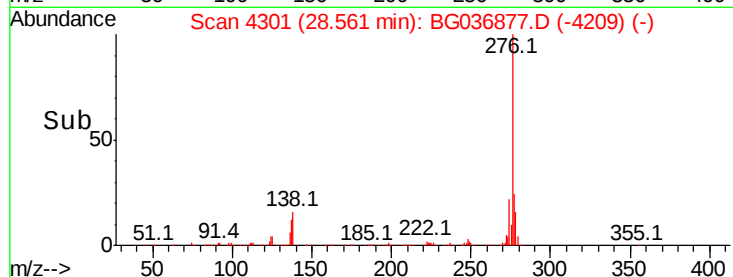
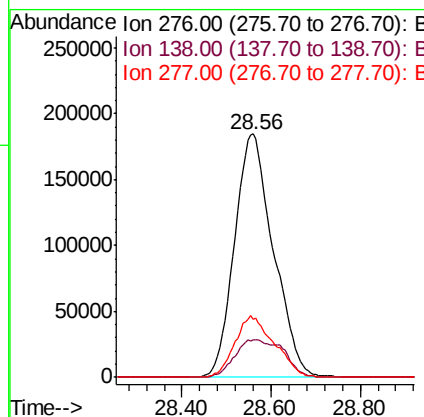
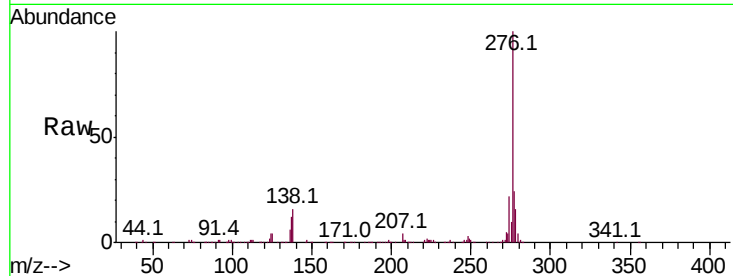
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.540 ng
 RT: 28.56 min Scan# 4301
 Delta R.T. 0.01 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	10.6	15.8#
277	25.8	20.6	30.8

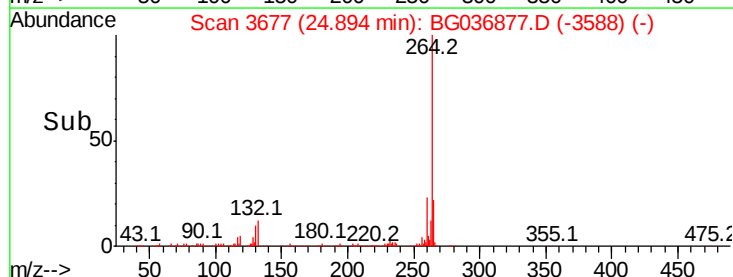
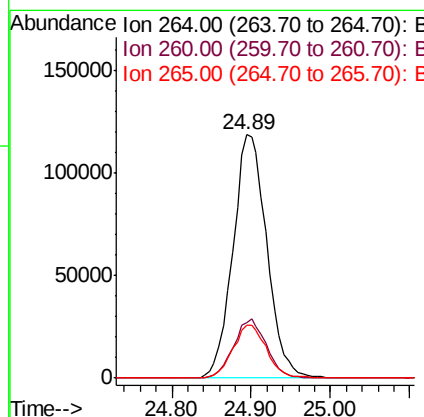
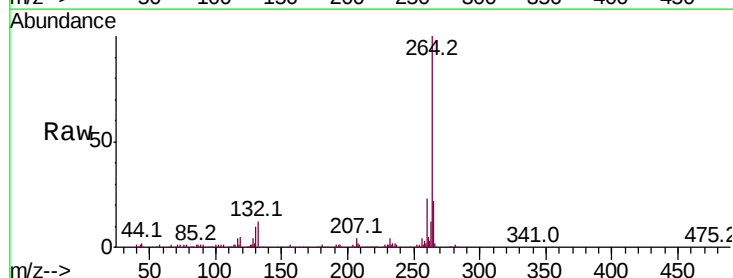
Manual Integrations
 APPROVED

Sohil
 9/24/2018 9:29:49 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 51.382 ng

RT: 23.88 min Scan# 3505

Delta R.T. 0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_G

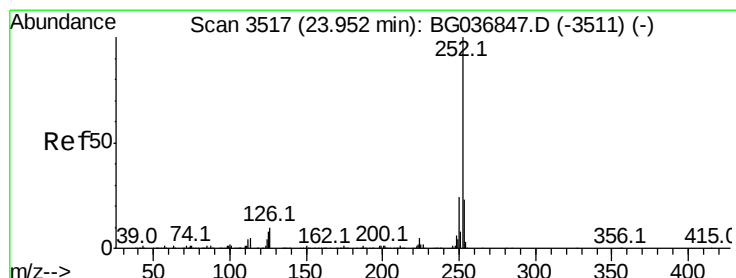
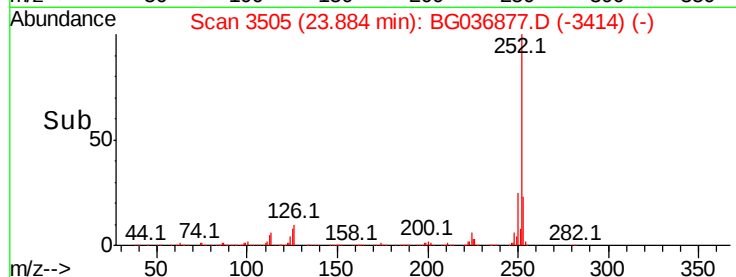
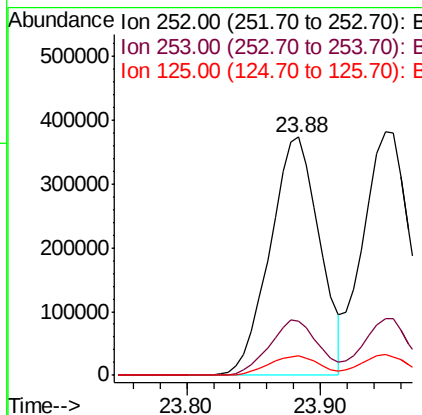
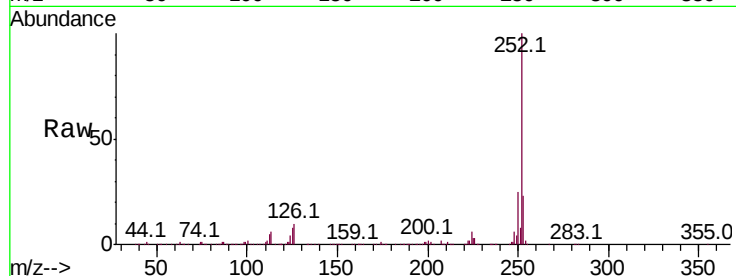
ClientSampleId :

SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	8.1	6.6	10.0

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM



#88

Benzo(k)fluoranthene

Concen: 50.403 ng

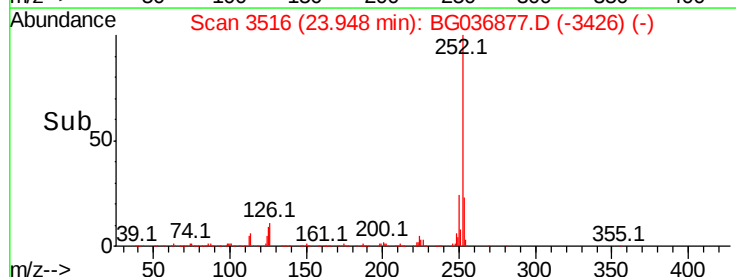
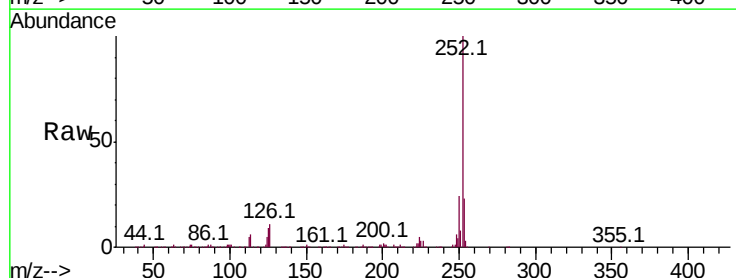
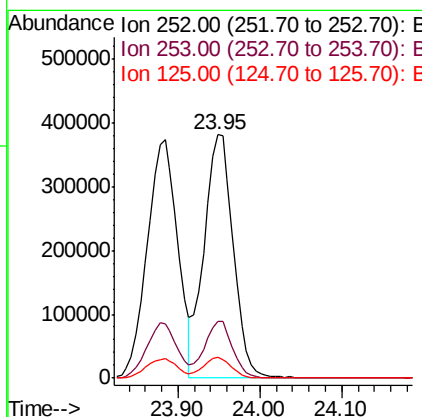
RT: 23.95 min Scan# 3516

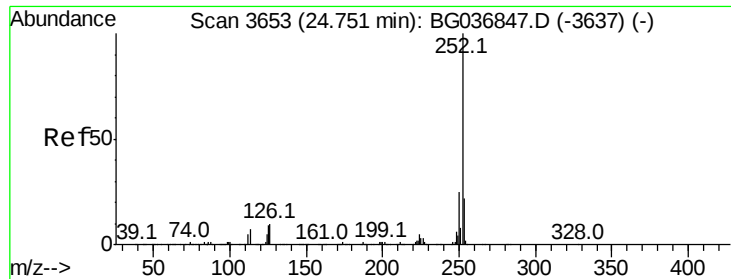
Delta R.T. -0.00 min

Lab File: BG036877.D

Acq: 22 Sep 2018 3:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	8.8	7.0	10.6





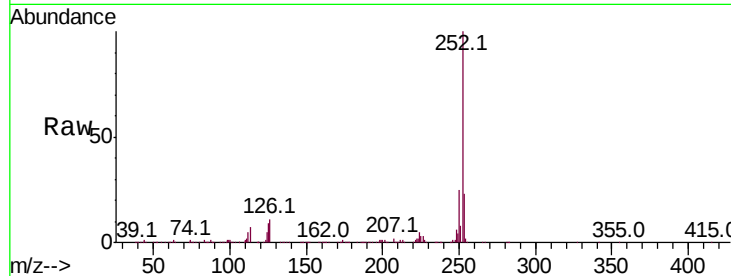
#89
Benzo(a)pyrene
Concen: 51.995 ng
RT: 24.75 min Scan# 3652
Delta R.T. -0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_G
ClientSampleId :
SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.1	7.3	10.9

Manual Integrations
APPROVED

Sohil
9/24/2018 9:29:49 AM

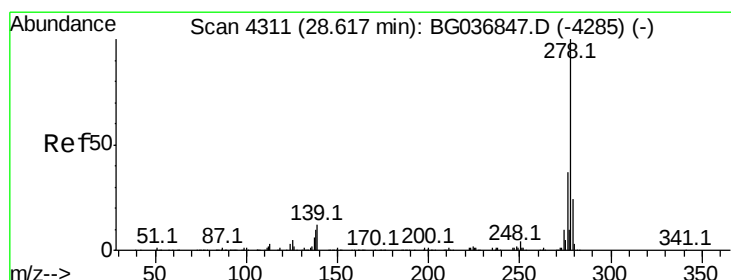
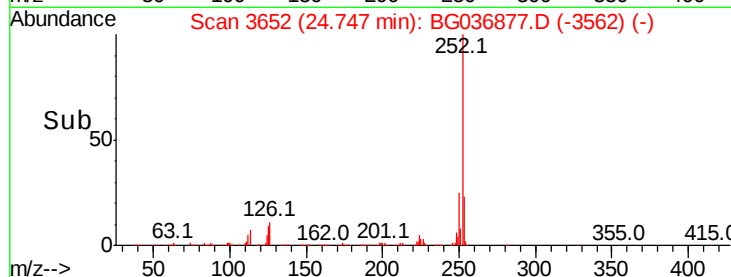
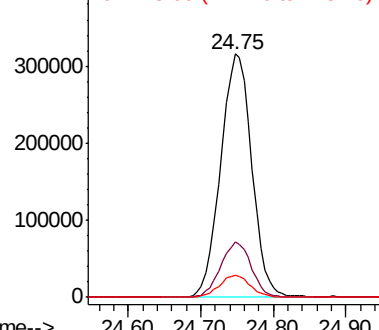


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 53.360 ng
RT: 28.62 min Scan# 4311
Delta R.T. 0.00 min
Lab File: BG036877.D
Acq: 22 Sep 2018 3:11

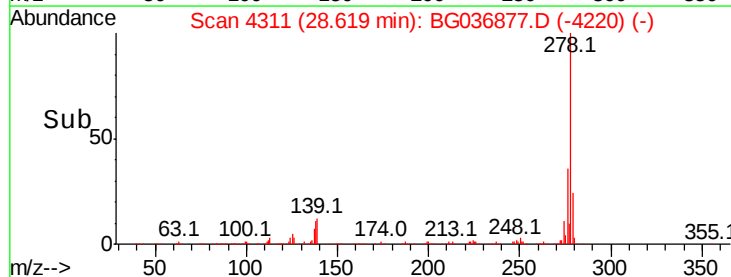
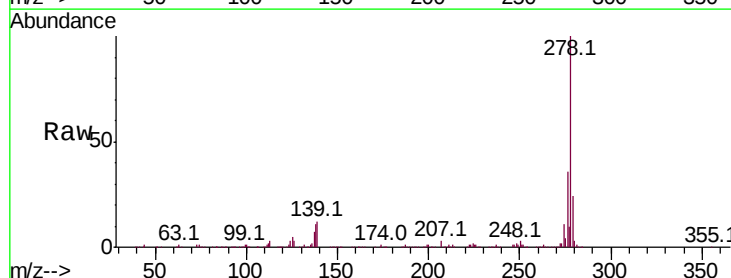
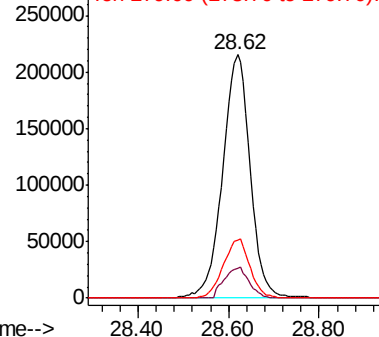
Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	11.0	16.4
279	24.1	18.7	28.1

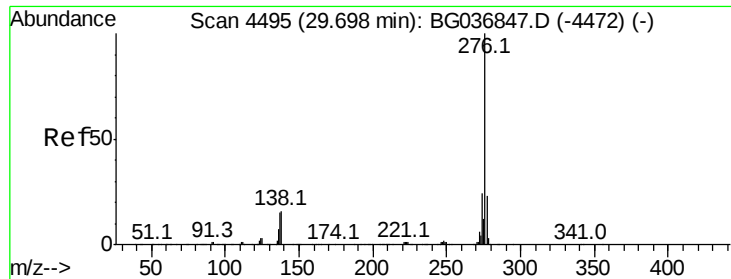
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 54.370 ng
 RT: 29.70 min Scan# 4495
 Delta R.T. 0.00 min
 Lab File: BG036877.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	16.9	14.6	22.0

Manual Integrations
 APPROVED

Sohil
 9/24/2018 9:29:49 AM

