

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038860.D
 Acq On : 28 Dec 2018 3:49
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/28/2018 4:03:26 PM

Quant Time: Dec 28 04:56:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	27296	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	122025	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	89880	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	216659	20.00	ng	0.00
76) Chrysene-d12	21.73	240	215369	20.00	ng	0.00
87) Perylene-d12	25.02	264	232327	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	130711	84.93	ng	0.00
7) Phenol-d6	7.22	99	201461	95.36	ng	0.01
23) Nitrobenzene-d5	9.23	82	182151	76.26	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	112866	91.12	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	518466	79.13	ng	0.00
79) Terphenyl-d14	20.04	244	799905	80.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	23244	32.452	ng	98
3) Pyridine	3.90	79	63405m	32.152	ng	
4) n-Nitrosodimethylamine	3.82	42	31316	32.410	ng	95
6) Aniline	7.38	93	110381	40.927	ng	99
8) 2-Chlorophenol	7.62	128	79488	44.632	ng	96
9) Benzaldehyde	7.20	77	52296	38.157	ng	96
10) Phenol	7.25	94	104539	46.575	ng	100
11) bis(2-Chloroethyl)ether	7.48	93	66963	37.472	ng	93
12) 1,3-Dichlorobenzene	7.94	146	83046	39.438	ng	97
13) 1,4-Dichlorobenzene	8.09	146	86985	40.333	ng	98
14) 1,2-Dichlorobenzene	8.41	146	82650	40.651	ng	97
15) Benzyl Alcohol	8.30	79	75861	46.003	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	136877	33.437	ng	96
17) 2-Methylphenol	8.50	107	70914	47.156	ng	97
18) Hexachloroethane	9.14	117	29710	37.700	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	60661	40.881	ng	96
20) 3+4-Methylphenols	8.84	107	103532	49.851	ng	98
22) Acetophenone	8.89	105	117862	38.670	ng	94
24) Nitrobenzene	9.28	77	91622	37.918	ng	99
25) Isophorone	9.79	82	151079	35.204	ng	97
26) 2-Nitrophenol	9.99	139	51992	42.040	ng	94
27) 2,4-Dimethylphenol	10.03	122	75168	42.409	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	93508	38.610	ng	99
29) 2,4-Dichlorophenol	10.52	162	100228	50.830	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	101111	42.452	ng	94
31) Naphthalene	10.93	128	245393	40.815	ng	98
32) Benzoic acid	10.20	122	58368	51.031	ng	91
33) 4-Chloroaniline	11.04	127	117648	45.072	ng	97
34) Hexachlorobutadiene	11.19	225	69797	43.309	ng	94
35) Caprolactam	11.84	113	33126	40.595	ng	95
36) 4-Chloro-3-methylphenol	12.16	107	103691	46.081	ng	94
37) 2-Methylnaphthalene	12.53	142	185953	43.353	ng	98
38) 1-Methylnaphthalene	12.74	142	179449	43.114	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	136752	40.704	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038860.D
 Acq On : 28 Dec 2018 3:49
 Operator : JU/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC040

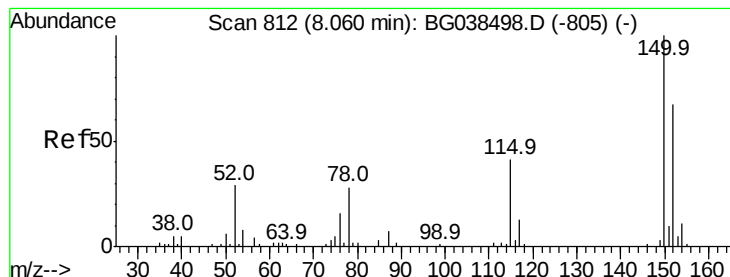
Manual Integrations
 APPROVED

Sohil
 12/28/2018 4:03:26 PM

Quant Time: Dec 28 04:56:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	55515	30.076	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	92460	44.759	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	97493	44.575	ng	95
46) 1,1'-Biphenyl	13.53	154	294757	39.119	ng	97
47) 2-Chloronaphthalene	13.58	162	230992	39.688	ng	97
48) 2-Nitroaniline	13.79	65	70263	37.900	ng	91
49) Acenaphthylene	14.42	152	342557	39.370	ng	99
50) Dimethylphthalate	14.15	163	287330	39.146	ng	100
51) 2,6-Dinitrotoluene	14.28	165	66151	39.770	ng	90
52) Acenaphthene	14.76	154	204009	39.210	ng	97
53) 3-Nitroaniline	14.62	138	69034	40.714	ng	91
54) 2,4-Dinitrophenol	14.82	184	23262	27.163	ng	96
55) Dibenzofuran	15.09	168	356862	40.013	ng	97
56) 4-Nitrophenol	14.93	139	47608	37.011	ng	94
57) 2,4-Dinitrotoluene	15.06	165	91784	39.178	ng	93
58) Fluorene	15.74	166	266224	40.290	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	80856	41.090	ng	98
60) Diethylphthalate	15.50	149	303550	37.672	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	171210	41.528	ng	97
62) 4-Nitroaniline	15.78	138	69343	39.724	ng	97
63) Azobenzene	16.02	77	241354	35.856	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	46195	29.889	ng	89
66) n-Nitrosodiphenylamine	15.94	169	262719	41.270	ng	96
67) 4-Bromophenyl-phenylether	16.62	248	114047	43.101	ng	97
68) Hexachlorobenzene	16.74	284	118920	43.355	ng	96
69) Atrazine	16.89	200	88157	37.316	ng	97
70) Pentachlorophenol	17.09	266	63211	38.962	ng	98
71) Phenanthrene	17.48	178	447572	39.837	ng	99
72) Anthracene	17.58	178	444519	40.077	ng	100
73) Carbazole	17.85	167	425460	38.787	ng	100
74) Di-n-butylphthalate	18.38	149	477192	37.912	ng	99
75) Fluoranthene	19.49	202	543671	39.110	ng	97
77) Benzidine	19.68	184	253915	39.865	ng	99
78) Pyrene	19.86	202	547797	38.502	ng	99
80) Butylbenzylphthalate	20.72	149	213262	38.366	ng	97
81) Benzo(a)anthracene	21.70	228	536791	40.903	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	210849	40.510	ng	# 99
83) Chrysene	21.77	228	500873	39.624	ng	# 99
84) Bis(2-ethylhexyl)phthalate	21.57	149	298856	37.908	ng	# 97
85) Di-n-octyl phthalate	22.79	149	499315	37.818	ng	97
86) Indeno(1,2,3-cd)pyrene	28.80	276	602028	40.511	ng	# 79
88) Benzo(b)fluoranthene	23.96	252	526395	41.267	ng	99
89) Benzo(k)fluoranthene	24.04	252	508780	40.055	ng	99
90) Benzo(a)pyrene	24.86	252	506581	41.166	ng	# 97
91) Dibenzo(a,h)anthracene	28.86	278	507694	41.435	ng	97
92) Benzo(g,h,i)perylene	30.00	276	496031	41.079	ng	96

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



#1

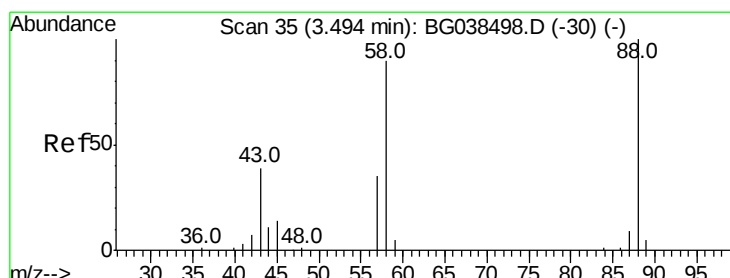
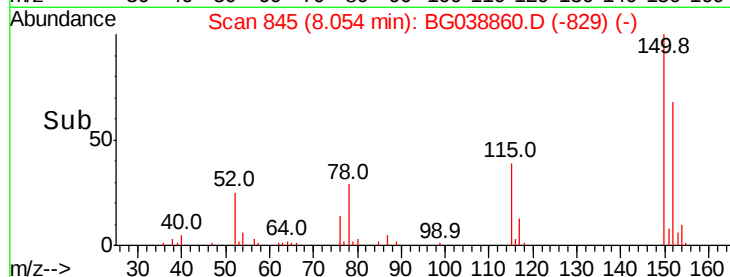
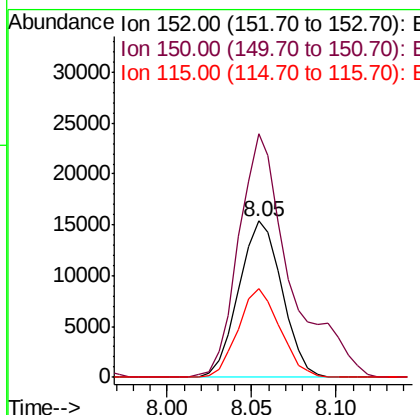
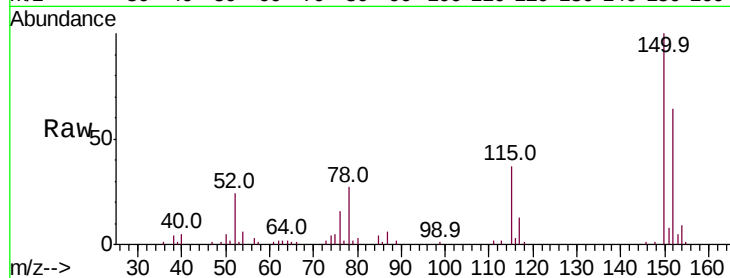
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	119.5	179.3
115	57.0	49.6	74.4

Manual Integrations
APPROVED

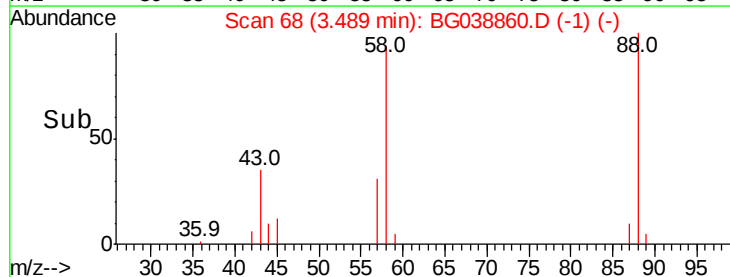
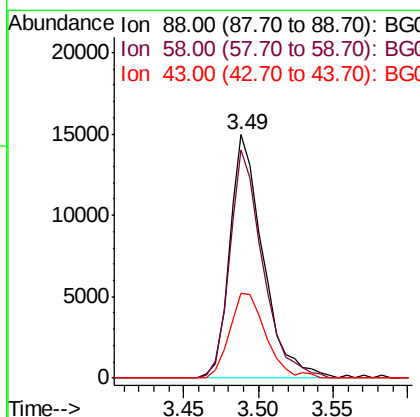
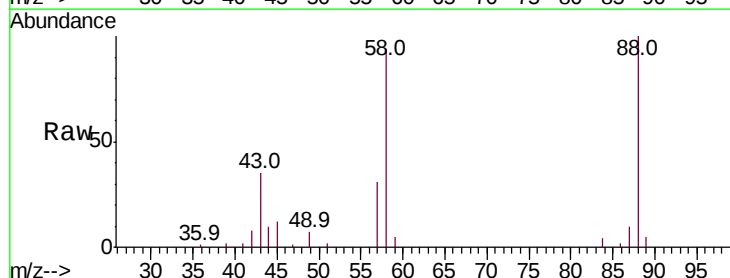
Sohil
12/28/2018 4:03:26 PM

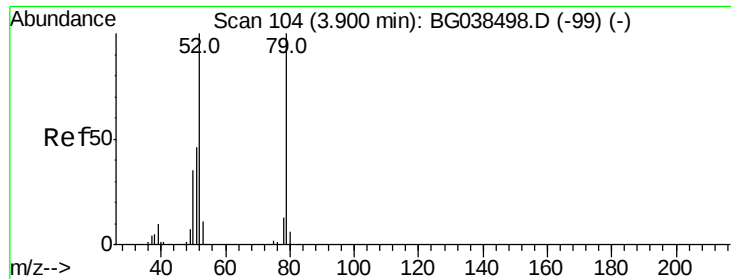


#2

1,4-Dioxane
Concen: 32.452 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.0	75.7	113.5
43	37.8	31.6	47.4





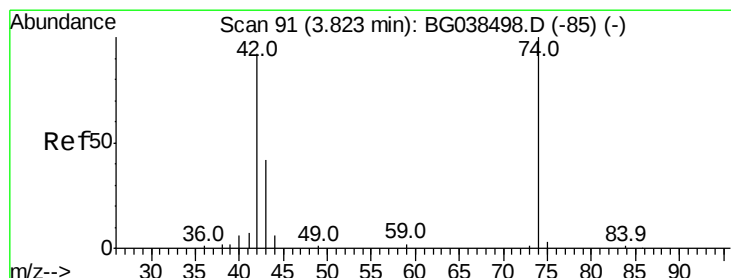
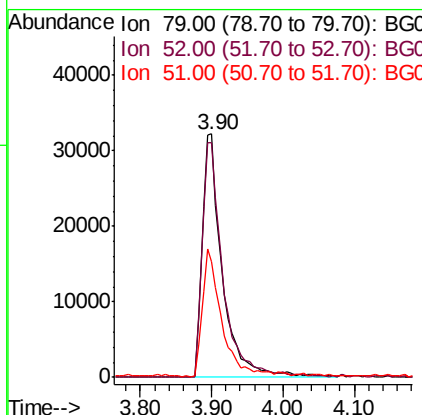
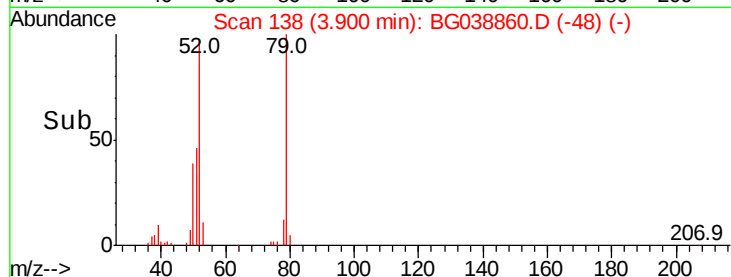
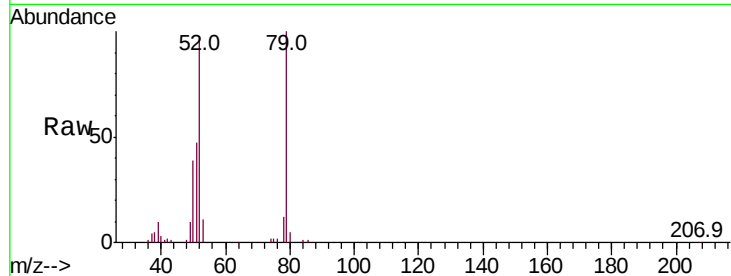
#3
Pvridine
Concen: 32.152 ng/ml
RT: 3.90 min Scan# 138
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 63405
Ion Ratio Lower Upper
79 100
52 96.6 80.2 120.2
51 47.4 38.0 57.0

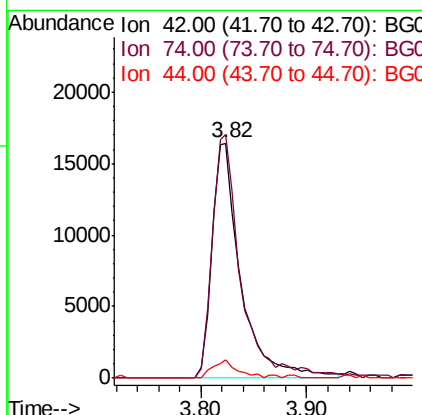
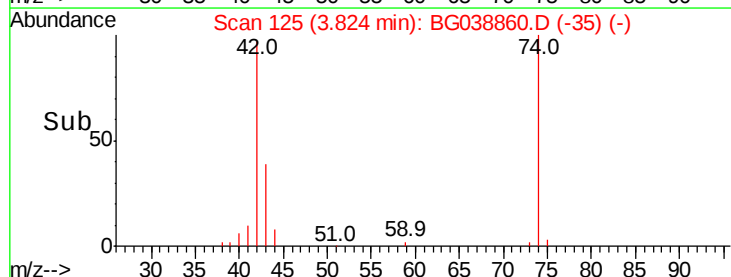
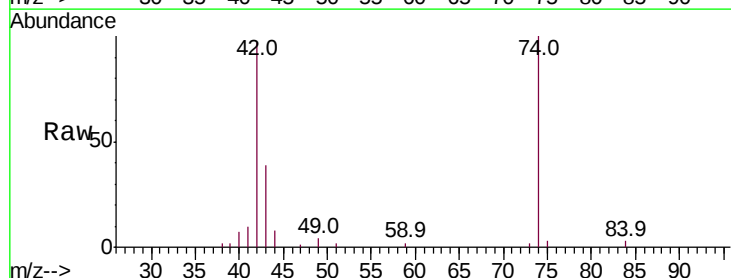
Manual Integrations
APPROVED

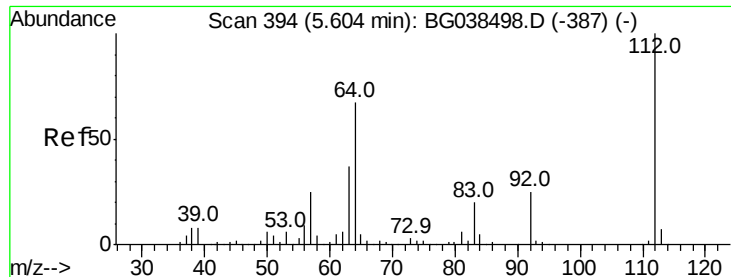
Sohil
12/28/2018 4:03:26 PM



#4
n-Nitrosodimethylamine
Concen: 32.410 ng/ml
RT: 3.82 min Scan# 125
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion: 42 Resp: 31316
Ion Ratio Lower Upper
42 100
74 103.6 86.7 130.1
44 7.9 7.8 11.8





#5

2-Fluorophenol

Concen: 84.934 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

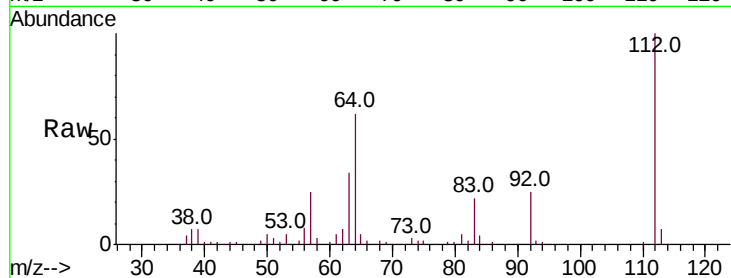
ClientSampleId :

SSTDCCC040

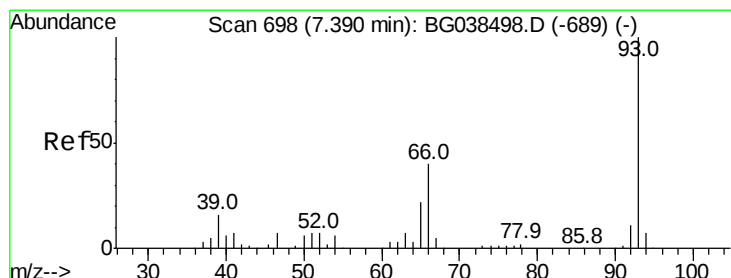
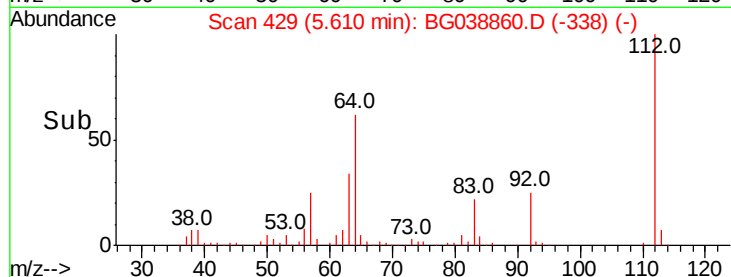
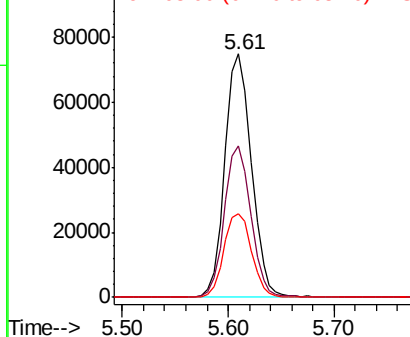
Tot Ion:	112	Resp:	130711
Ion Ratio	Lower	Upper	
112	100		
64	62.1	53.4	80.2
63	34.3	29.3	43.9

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



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



#6

Aniline

Concen: 40.927 ng

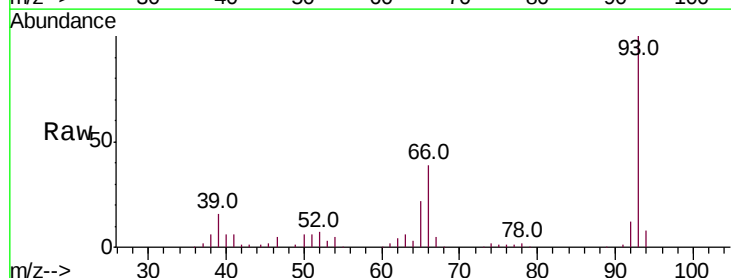
RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

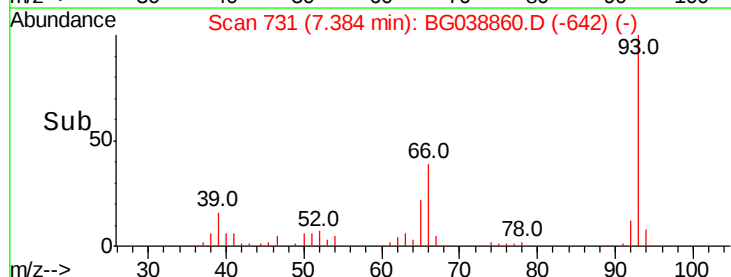
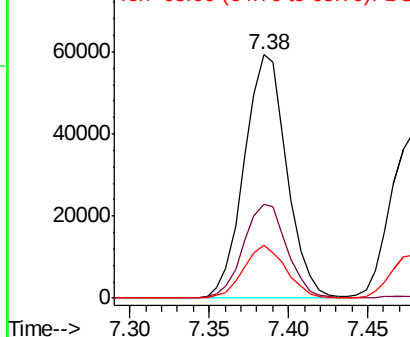
Lab File: BG038860.D

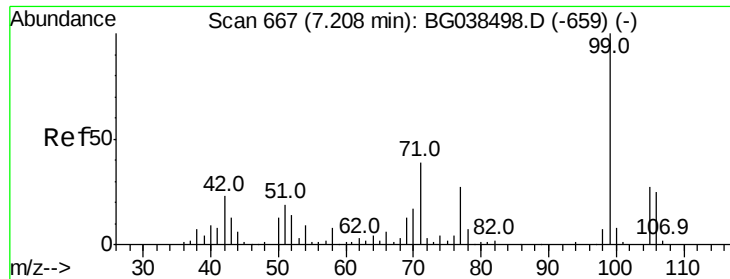
Acq: 28 Dec 2018 3:49

Tgt Ion:	93	Resp:	110381
Ion Ratio	Lower	Upper	
93	100		
66	38.7	31.7	47.5
65	21.8	17.8	26.6



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





#7

Phenol-d6

Concen: 95.357 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

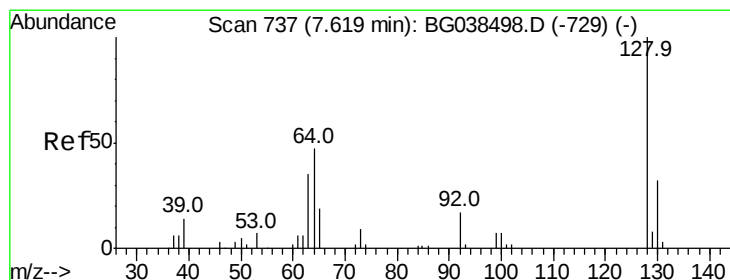
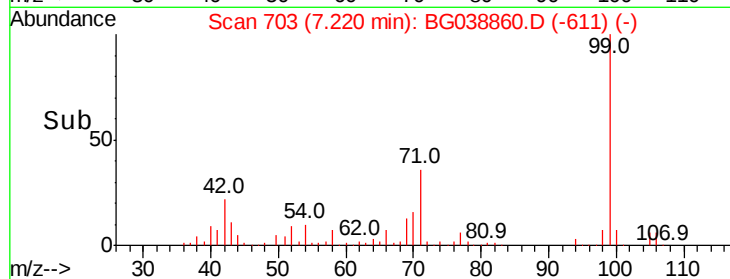
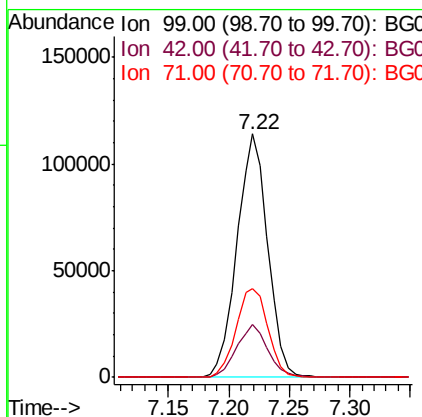
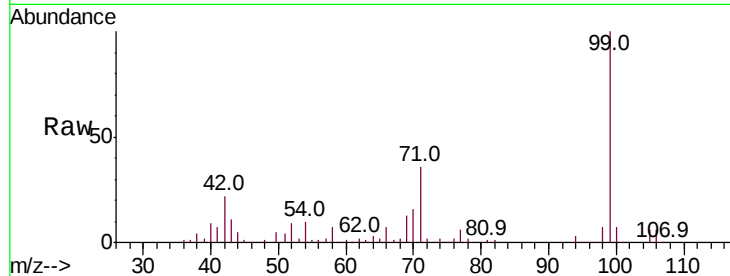
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	201461
Ion Ratio	Lower	Upper	
99	100		
42	21.6	18.5	27.7
71	36.3	31.1	46.7

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



#8

2-Chlorophenol

Concen: 44.632 ng

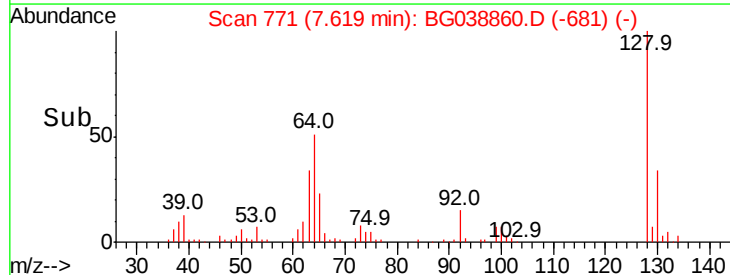
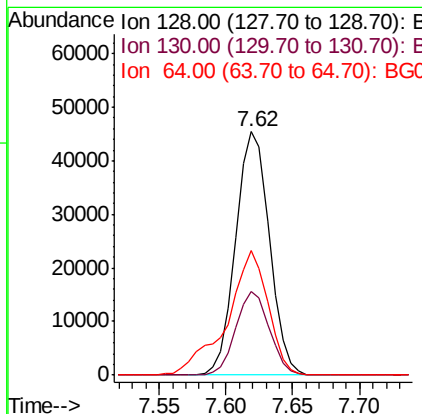
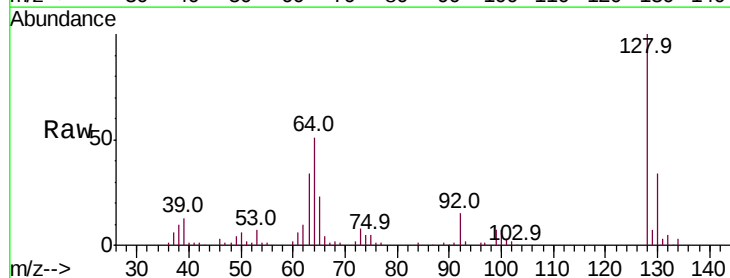
RT: 7.62 min Scan# 771

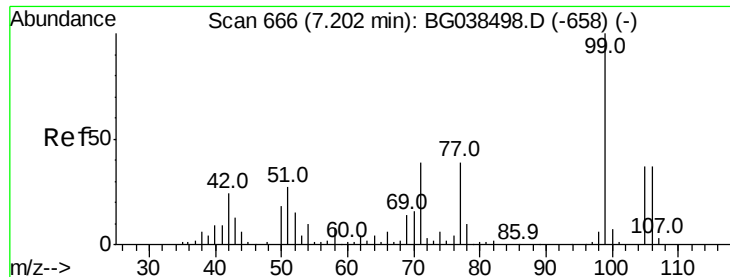
Delta R.T. 0.00 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Tgt Ion:	128	Resp:	79488
Ion Ratio	Lower	Upper	
128	100		
130	34.1	11.8	51.8
64	50.9	33.2	73.2





#9

Benzaldehyde

Concen: 38.157 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

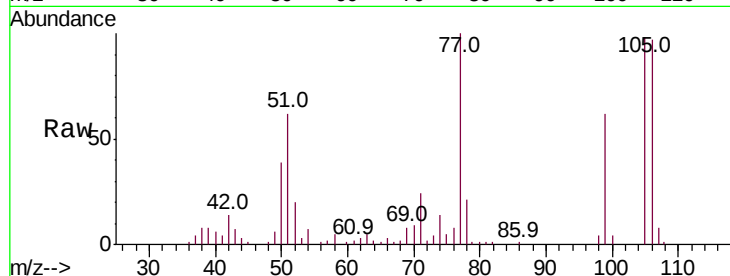
ClientSampleId :

SSTDCCC040

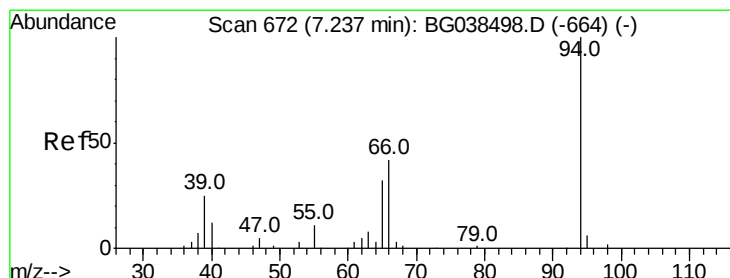
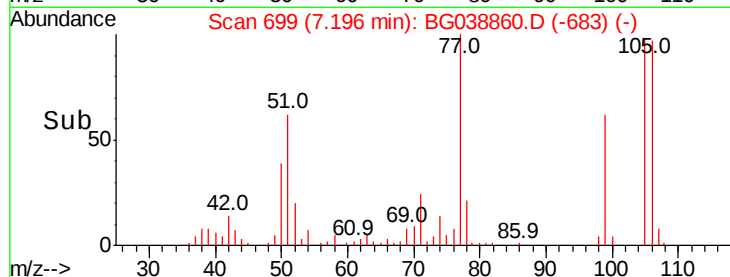
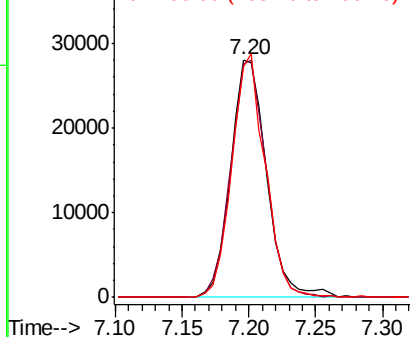
Tot Ion:	77	Resp:	52296
Ion	Ratio	Lower	Upper
77	100		
105	98.3	74.0	114.0
106	97.3	73.9	113.9

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



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: 46.575 ng

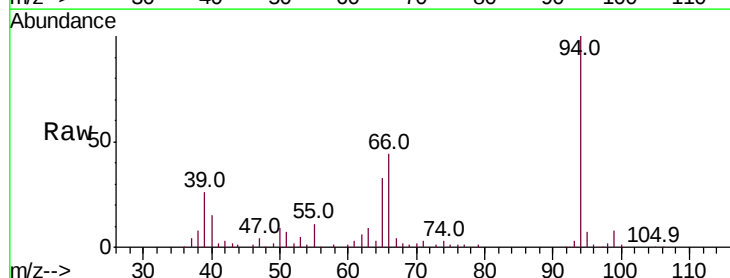
RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

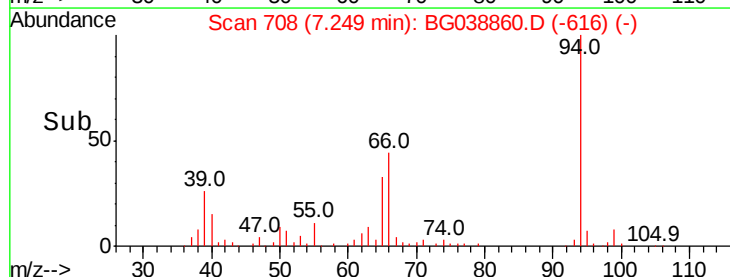
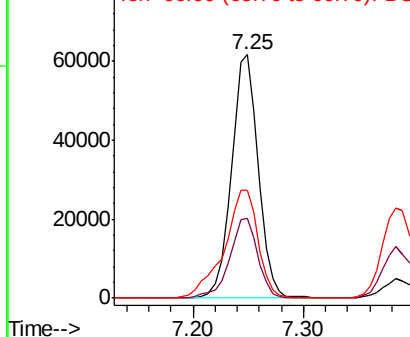
Lab File: BG038860.D

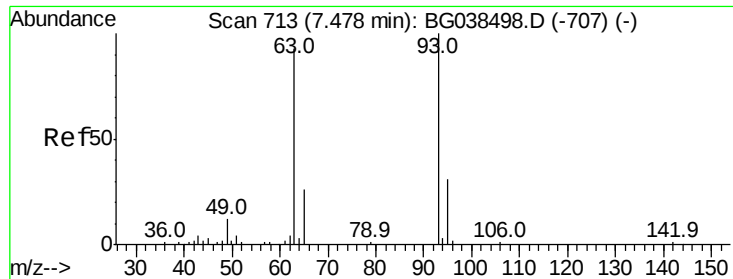
Acq: 28 Dec 2018 3:49

Tgt Ion:	94	Resp:	104539
Ion	Ratio	Lower	Upper
94	100		
65	32.6	12.6	52.6
66	44.4	24.1	64.1



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





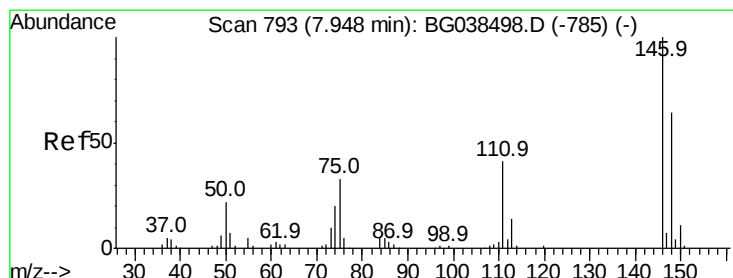
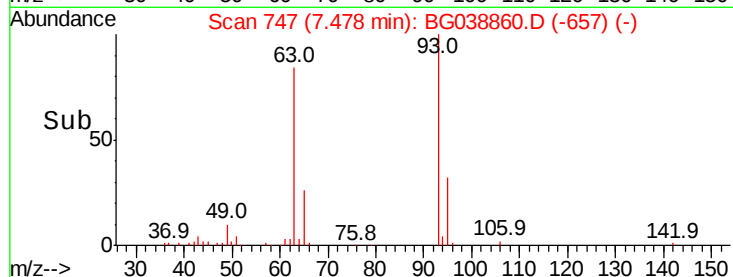
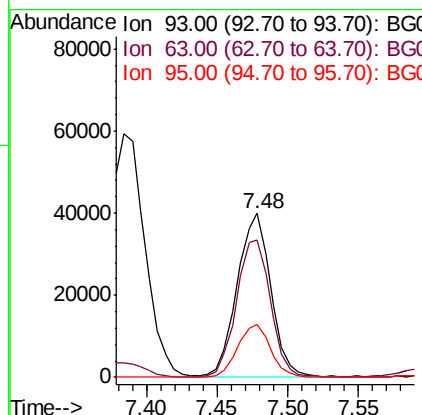
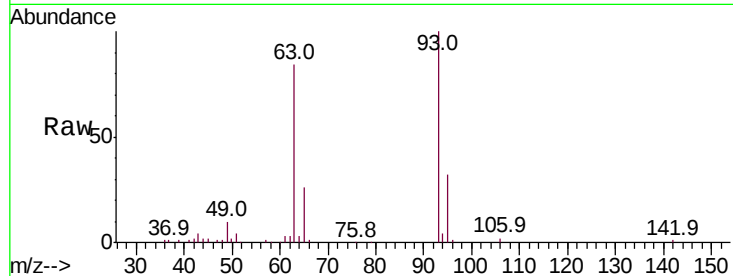
#11
bis(2-Chloroethyl)ether
Concen: 37.472 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.6	72.2	112.2
95	32.4	11.2	51.2

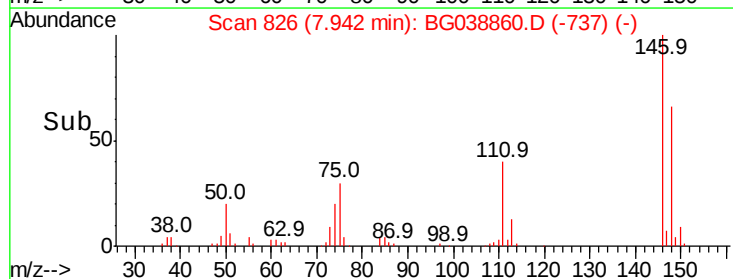
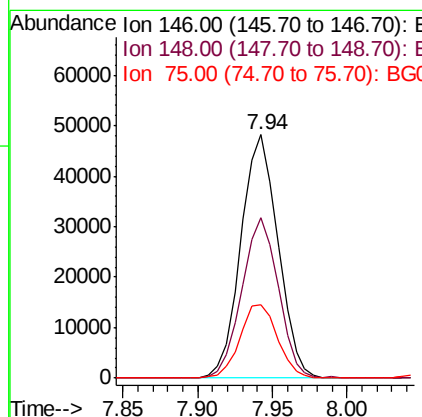
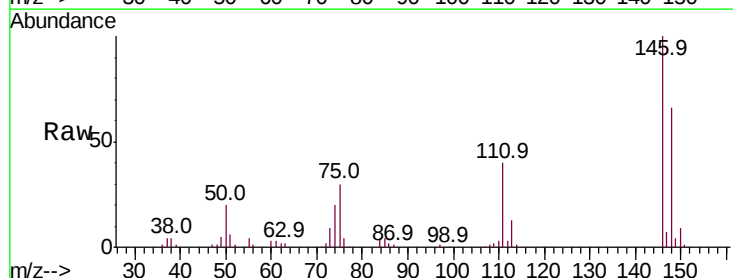
Manual Integrations
APPROVED

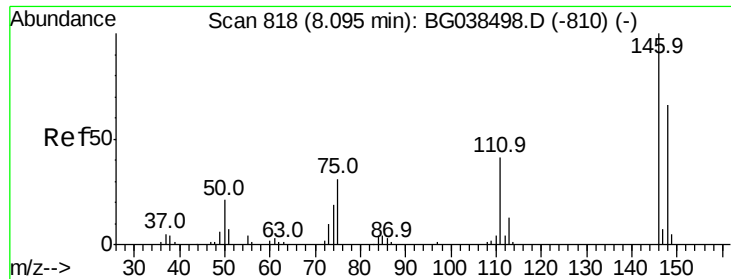
Sohil
12/28/2018 4:03:26 PM



#12
1,3-Dichlorobenzene
Concen: 39.438 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.0
75	30.3	26.1	39.1





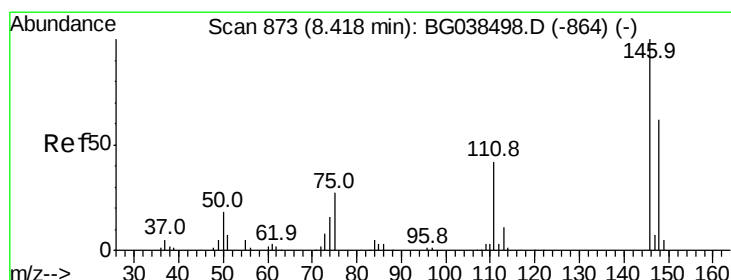
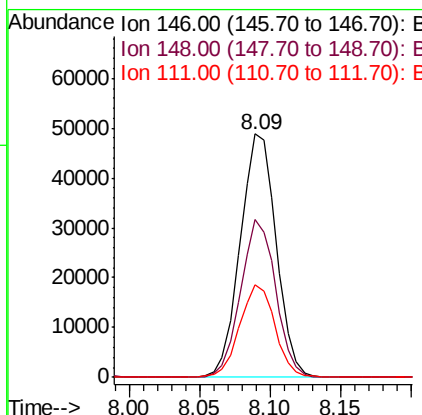
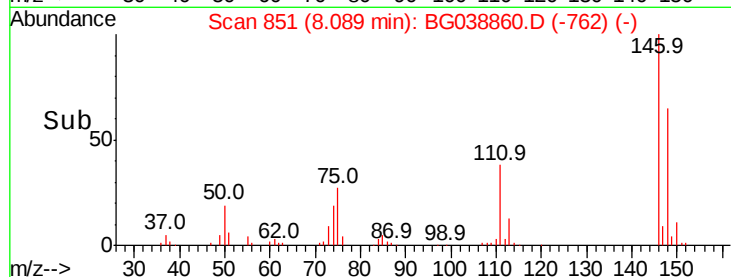
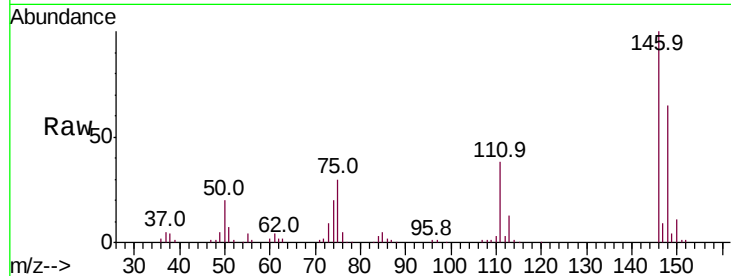
#13
 1,4-Dichlorobenzene
 Concen: 40.333 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.4	78.6
111	38.2	33.0	49.4

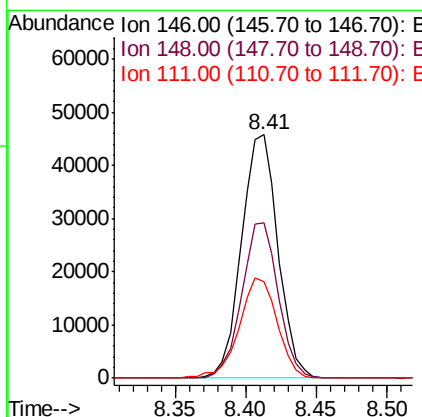
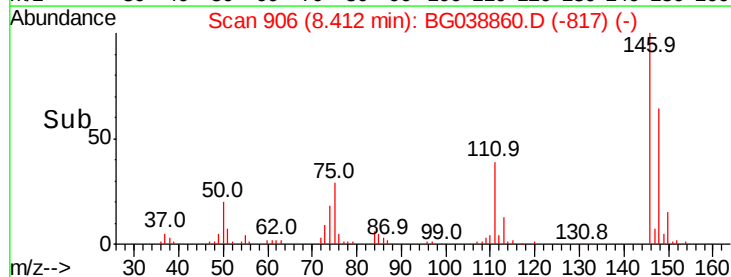
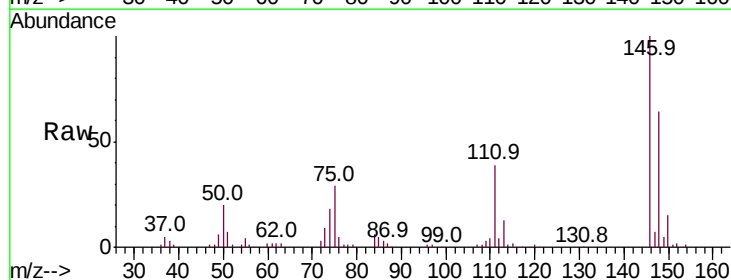
Manual Integrations
 APPROVED

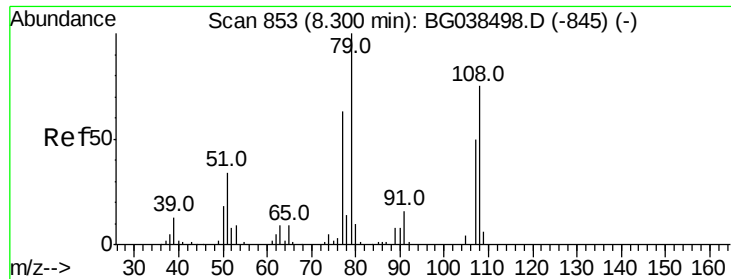
Sohil
 12/28/2018 4:03:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.651 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	49.4	74.0
111	39.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 46.003 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

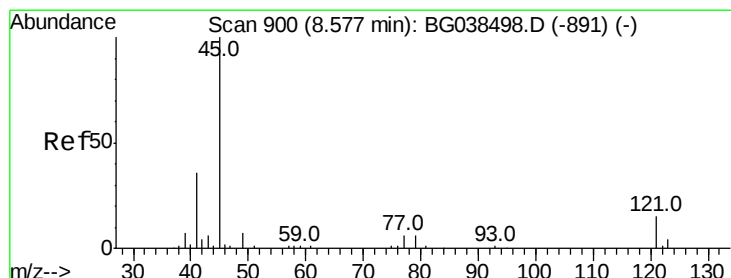
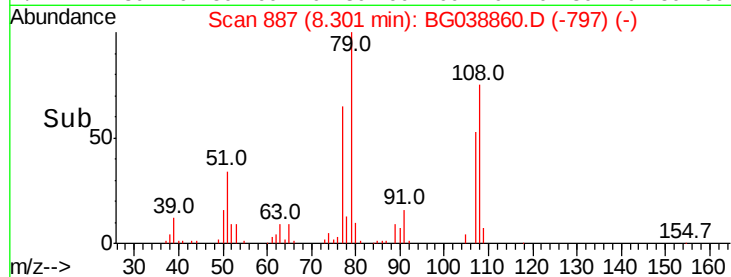
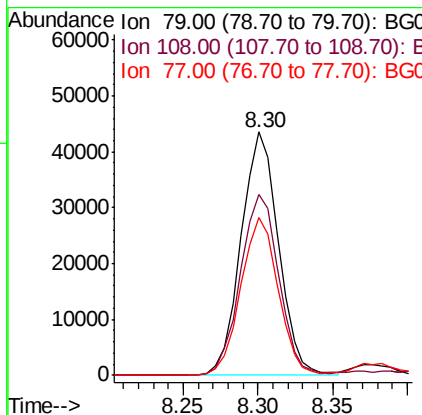
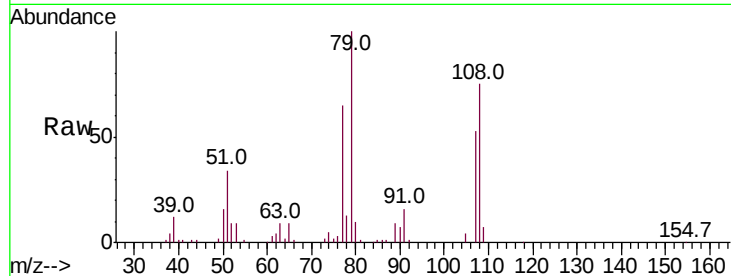
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	75861
Ion Ratio	Lower	Upper	
79	100		
108	74.5	60.2	90.4
77	64.9	50.7	76.1

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.437 ng

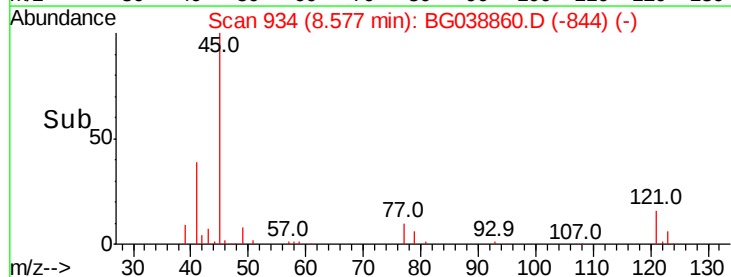
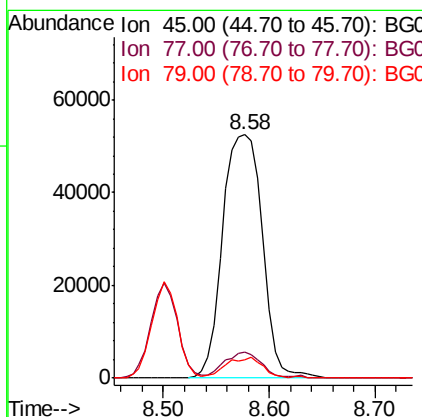
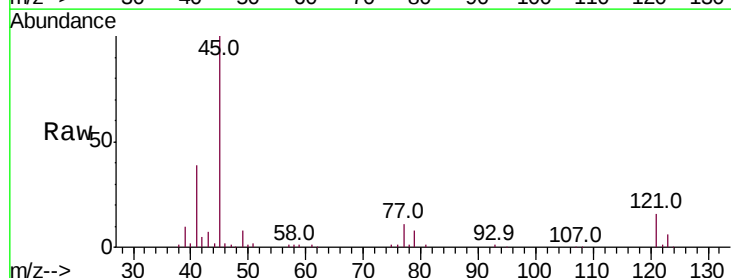
RT: 8.58 min Scan# 934

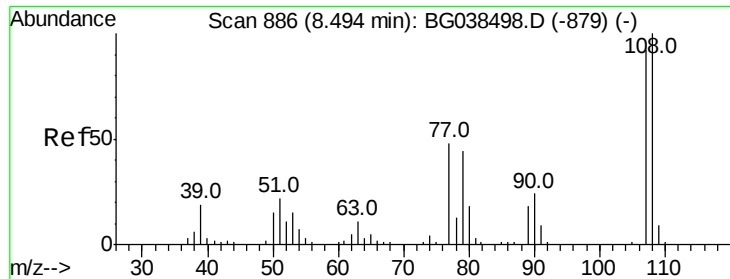
Delta R.T. 0.00 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Tgt Ion:	45	Resp:	136877
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	28.2
79	7.5	0.0	27.2





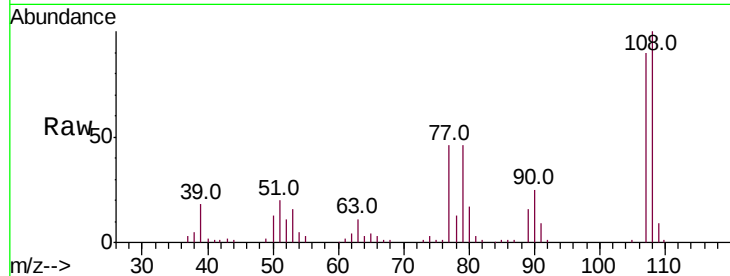
#17
2-Methylphenol
Concen: 47.156 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	87.1	130.7
77	51.0	42.0	63.0
79	51.5	38.2	57.2

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



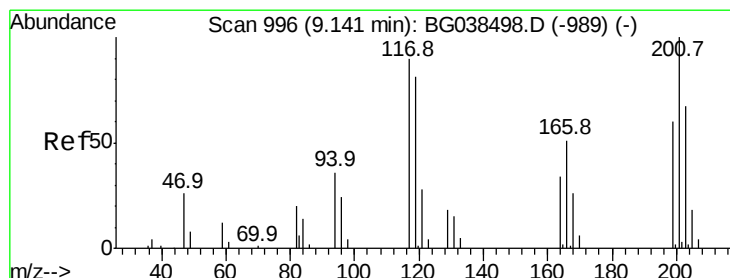
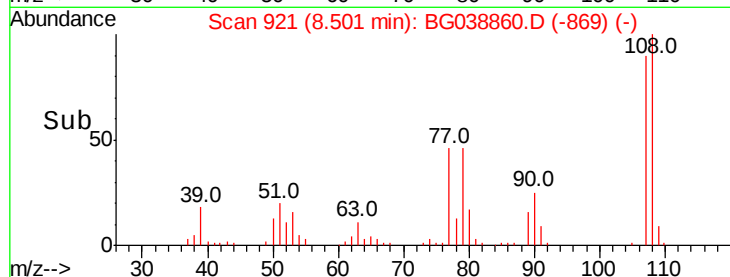
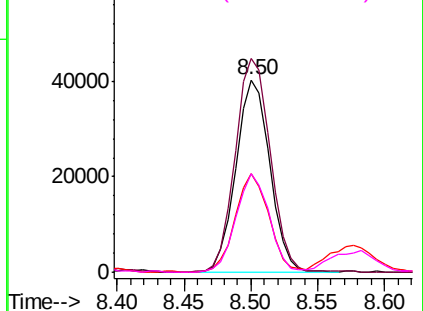
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.700 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

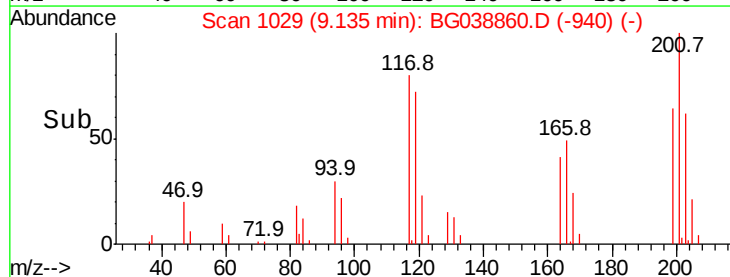
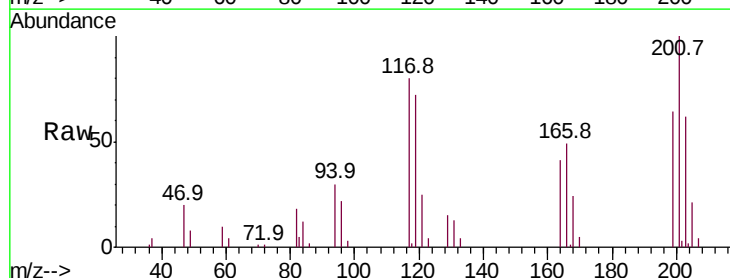
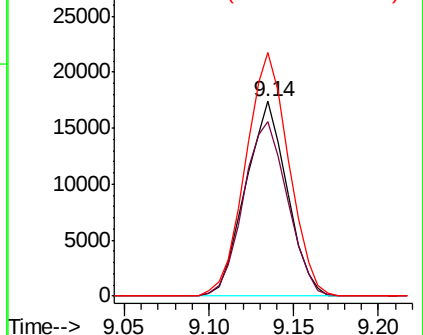
Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.8	73.8	110.8
201	125.0	89.4	134.0

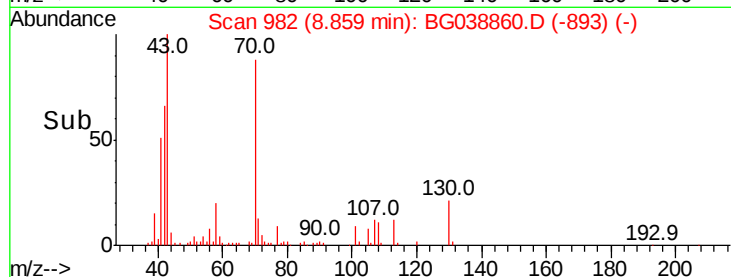
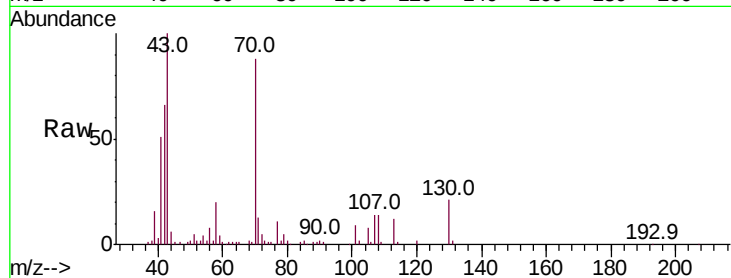
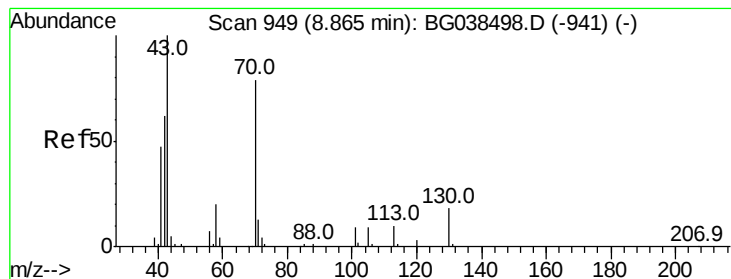
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.881 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 60661

Ion Ratio Lower Upper

70 100

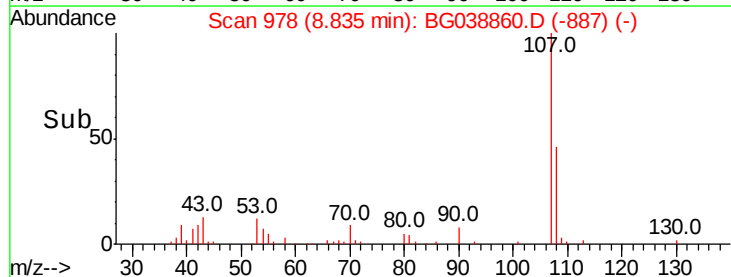
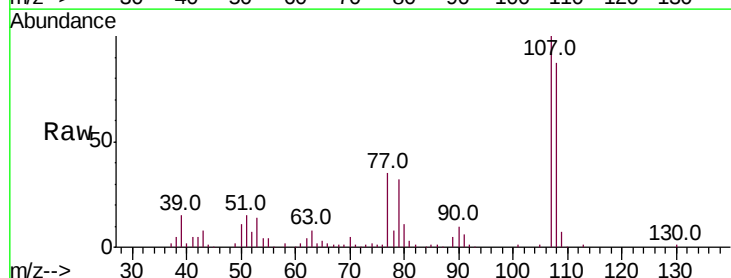
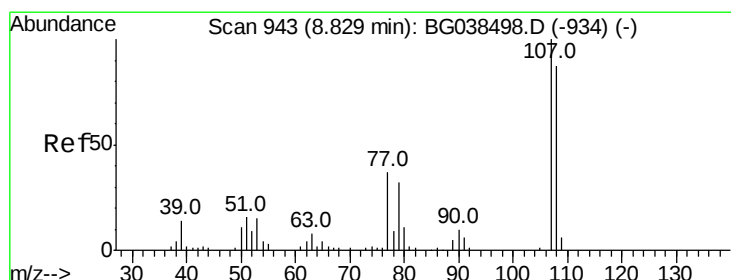
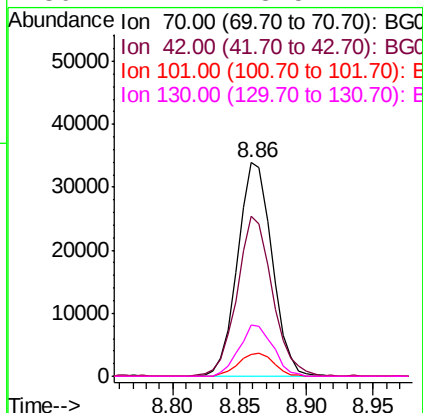
42 75.2 63.6 95.4

101 10.5 9.2 13.8

130 24.1 18.5 27.7

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



#20

3+4-Methylphenols

Concen: 49.851 ng

RT: 8.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Tgt Ion: 107 Resp: 103532

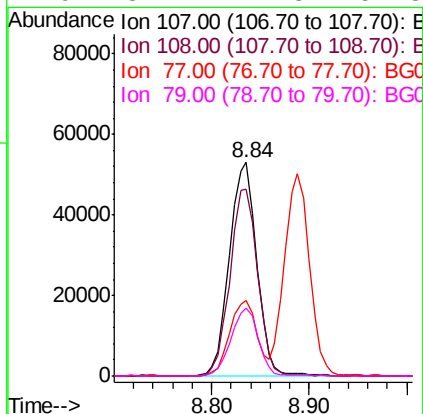
Ion Ratio Lower Upper

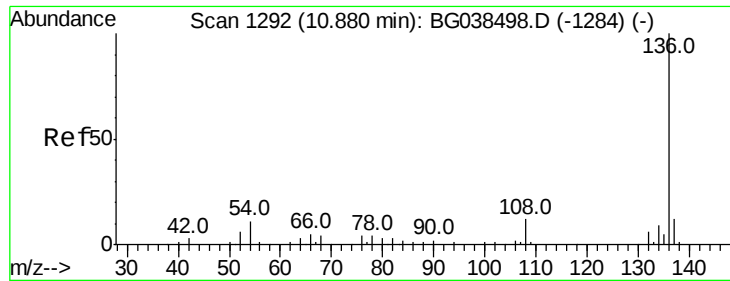
107 100

108 87.5 66.7 106.7

77 35.1 17.3 57.3

79 31.7 12.3 52.3





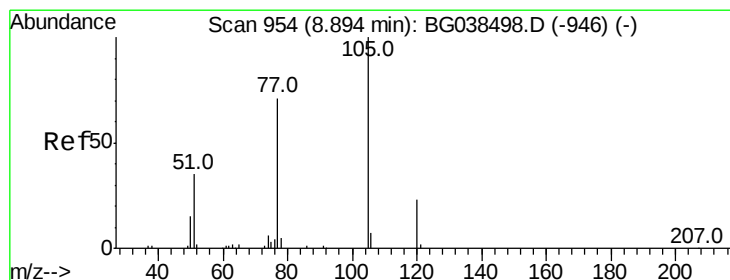
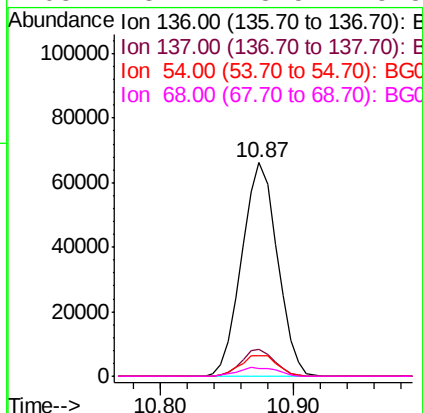
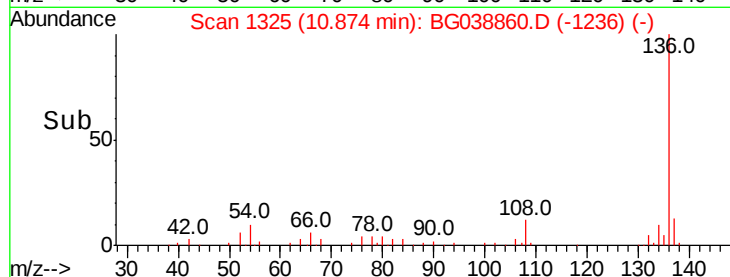
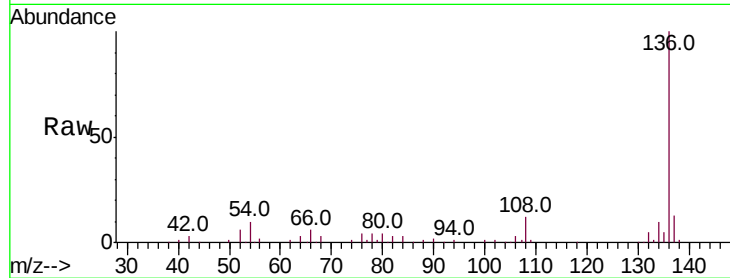
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.5	9.3	13.9
54	9.8	8.5	12.7
68	3.4	3.5	5.3#

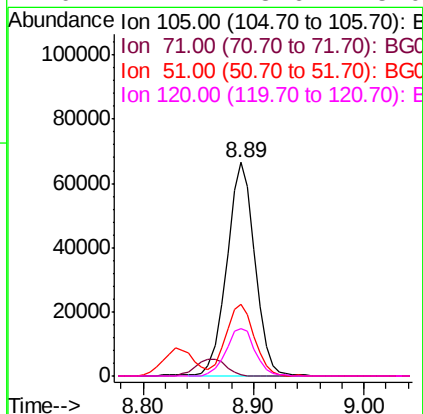
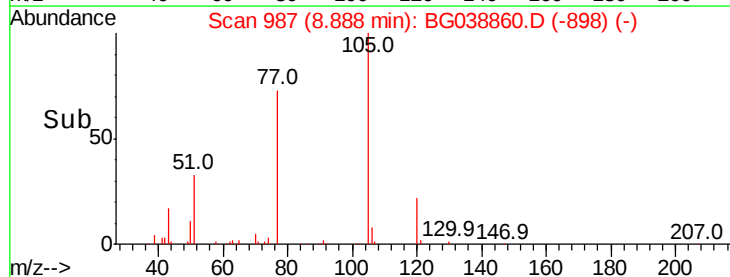
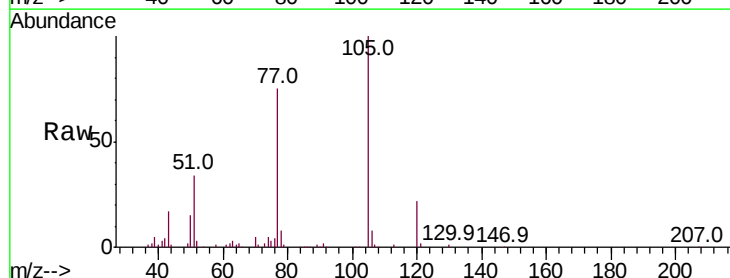
Manual Integrations
APPROVED

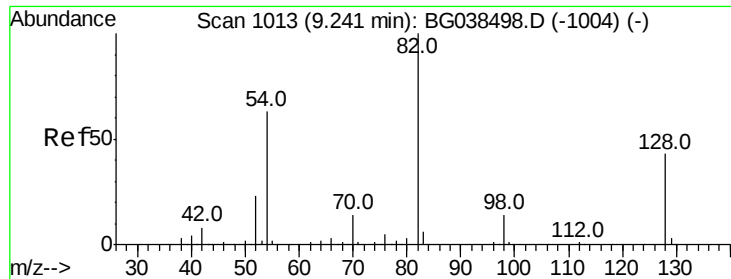
Sohil
12/28/2018 4:03:26 PM



#22
Acetophenone
Concen: 38.670 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.6	0.4	0.6
51	33.5	30.6	46.0
120	22.2	18.6	28.0





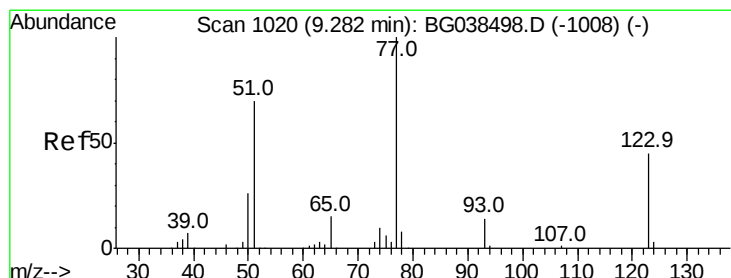
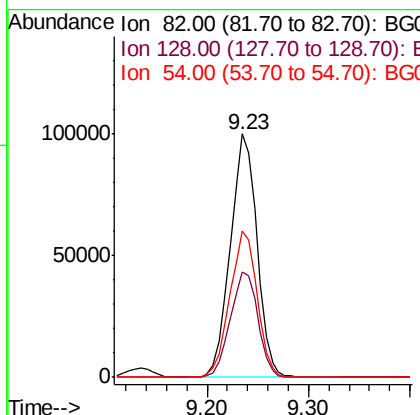
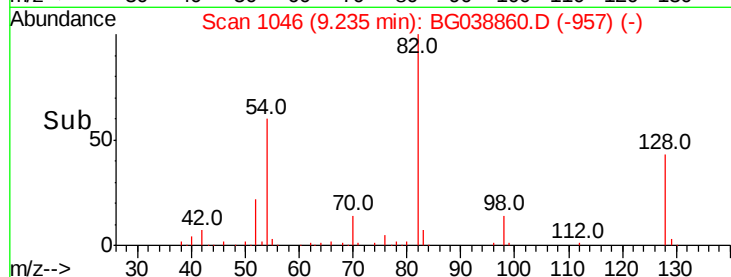
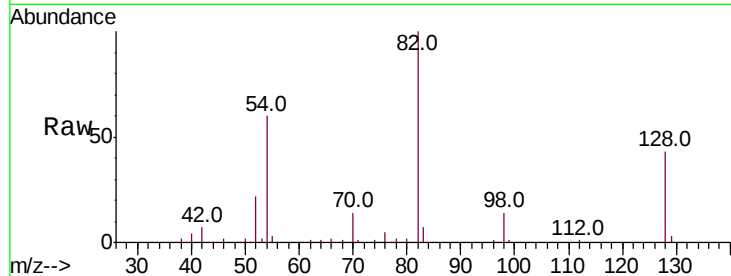
#23
Nitrobenzene-d5
Concen: 76.260 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.1	34.6	52.0	
54	60.3	50.6	76.0	

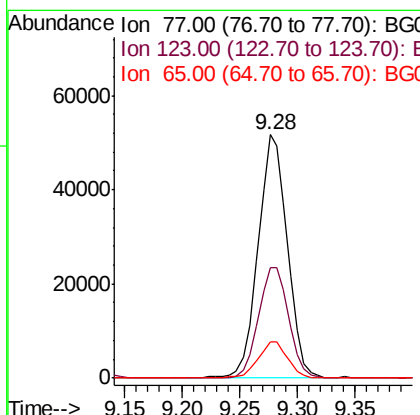
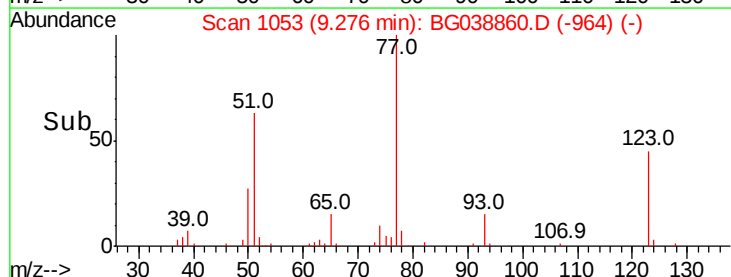
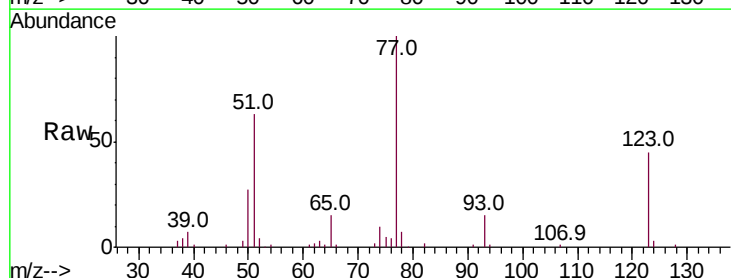
Manual Integrations
APPROVED

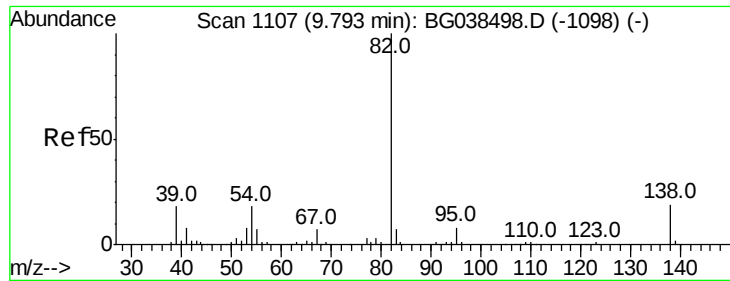
Sohil
12/28/2018 4:03:26 PM



#24
Nitrobenzene
Concen: 37.918 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.4	35.9	53.9	
65	15.1	12.0	18.0	





#25

Isophorone

Concen: 35.204 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

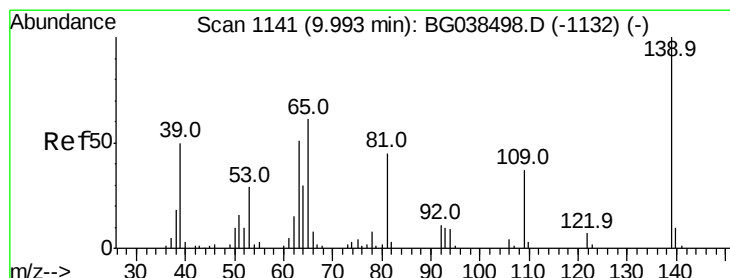
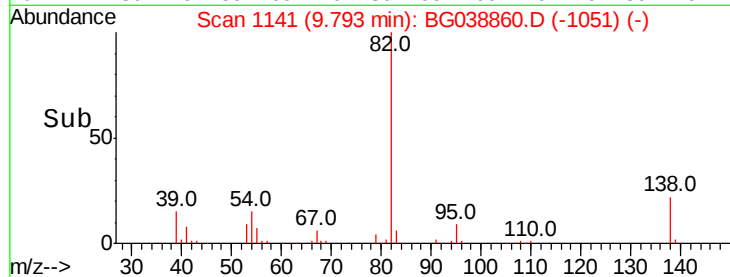
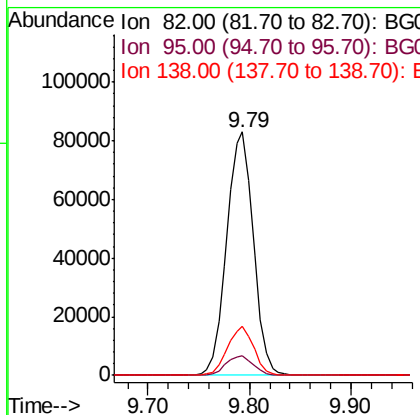
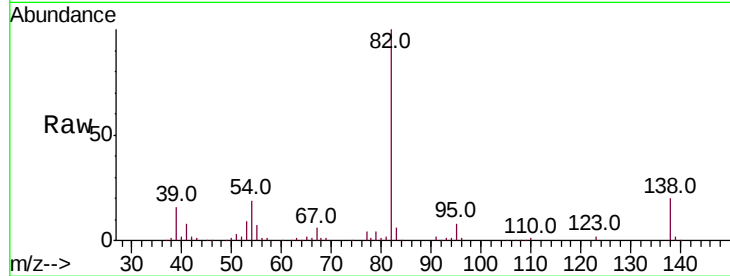
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	151079
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.1	9.1
138	20.1	14.9	22.3

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



#26

2-Nitrophenol

Concen: 42.040 ng

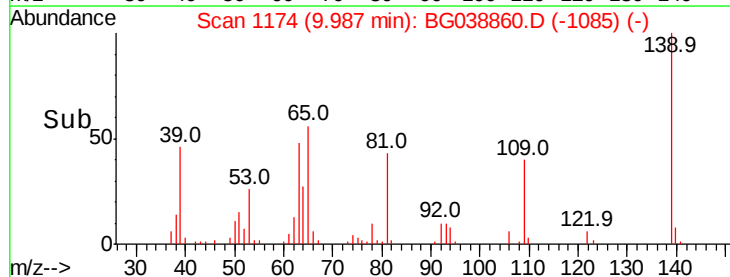
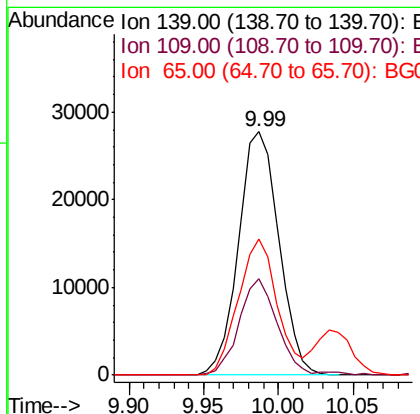
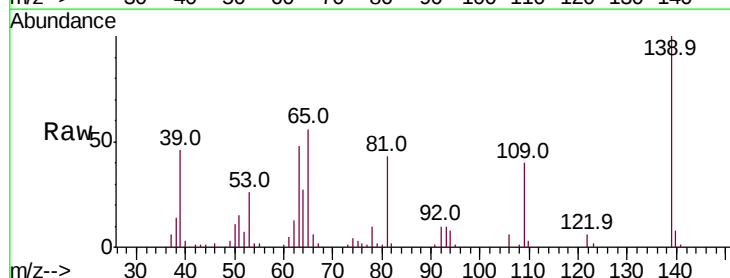
RT: 9.99 min Scan# 1174

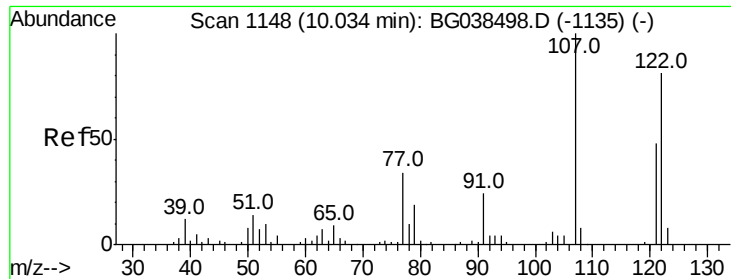
Delta R.T. -0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Tgt Ion:	139	Resp:	51992
Ion Ratio	Lower	Upper	
139	100		
109	39.7	29.5	44.3
65	55.9	48.5	72.7





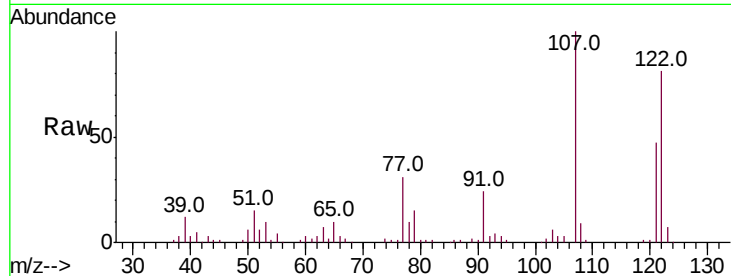
#27
 2,4-Dimethylphenol
 Concen: 42.409 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.5	98.4	147.6
121	58.2	47.2	70.8

Manual Integrations
 APPROVED

Sohil
 12/28/2018 4:03:26 PM

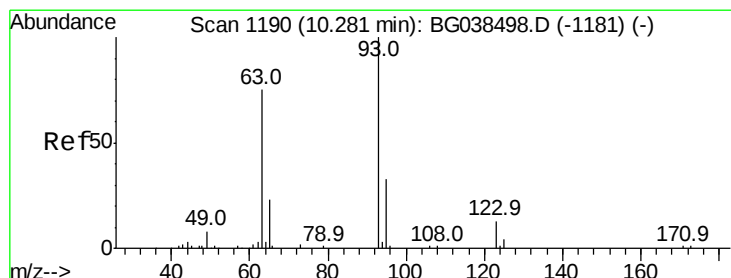
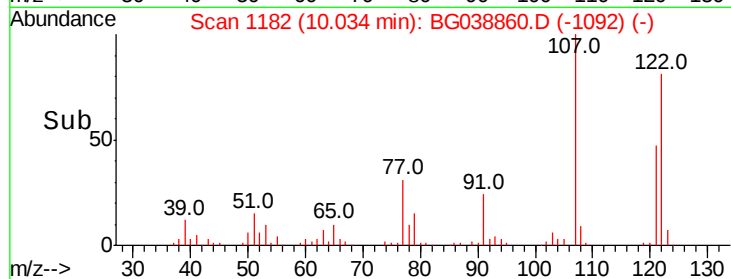
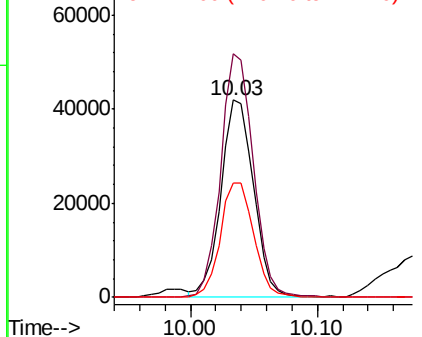


Abundance

Ion 122.00 (121.70 to 122.70): E

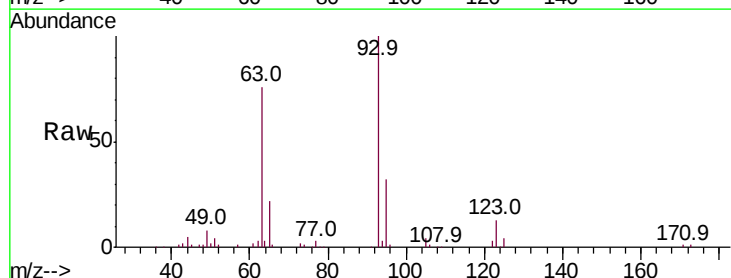
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.610 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	40.0
123	13.2	10.6	16.0

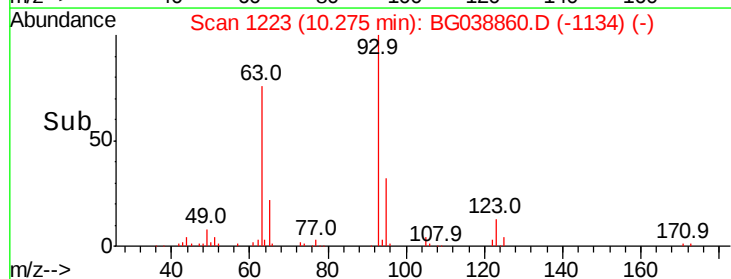
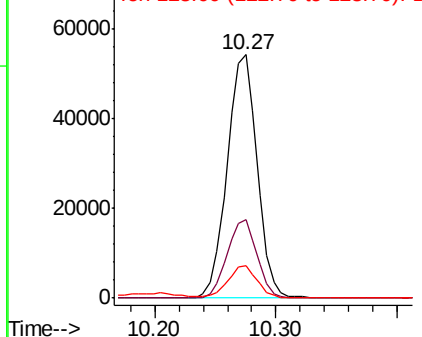


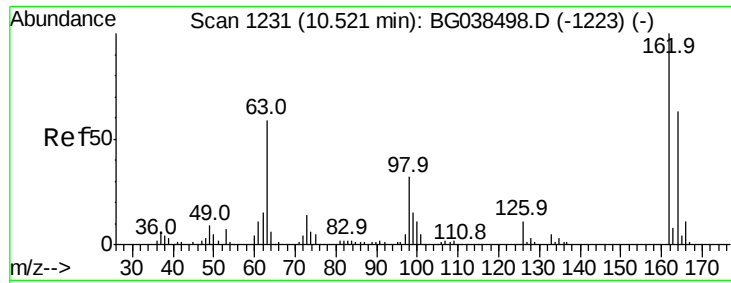
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





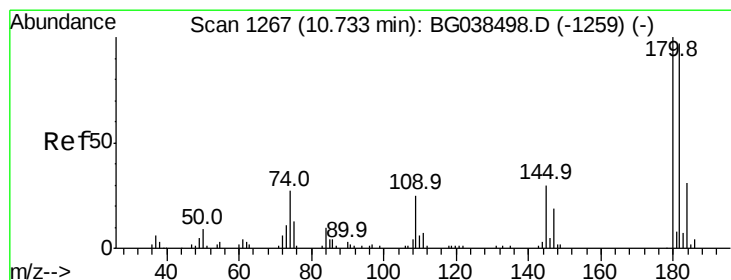
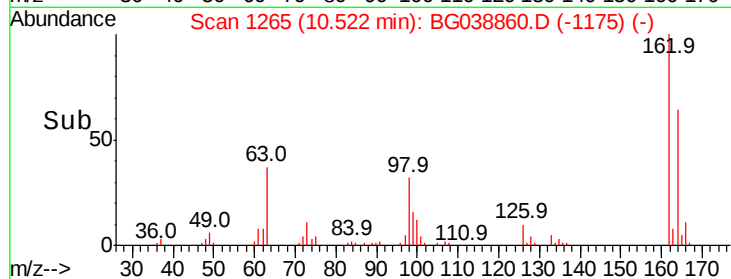
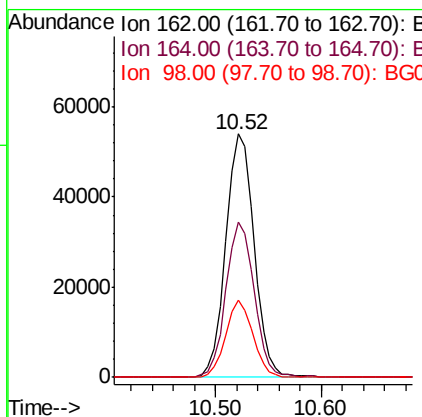
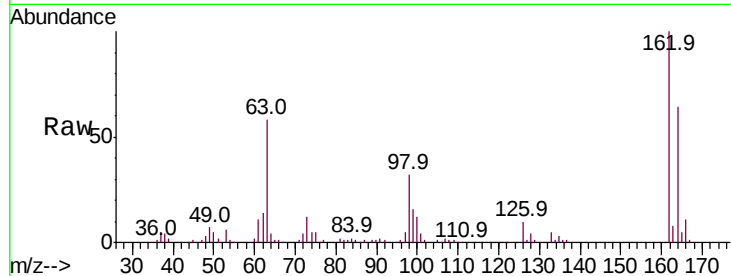
#29
 2,4-Dichlorophenol
 Concen: 50.830 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.8	42.9	82.9	
98	31.8	12.1	52.1	

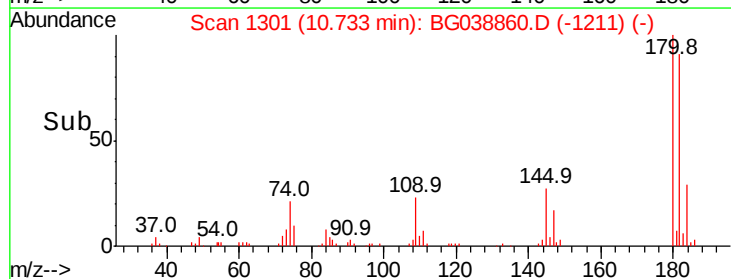
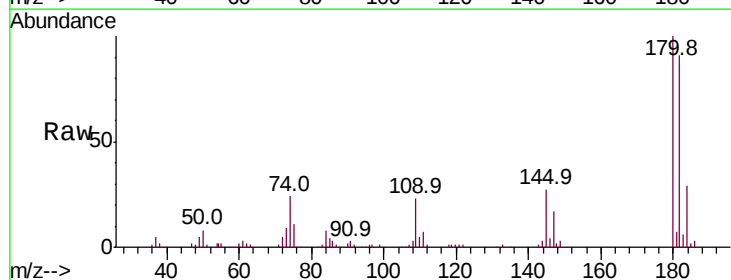
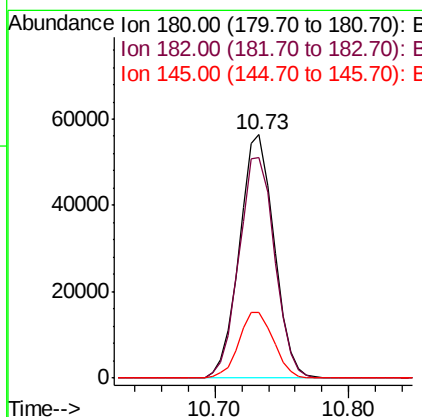
Manual Integrations
 APPROVED

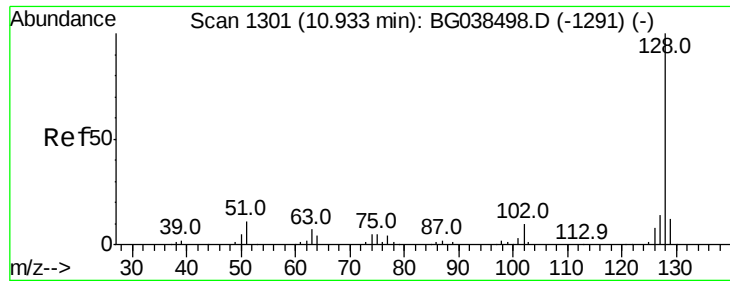
Sohil
 12/28/2018 4:03:26 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.452 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	90.5	77.4	116.0	
145	26.8	24.1	36.1	





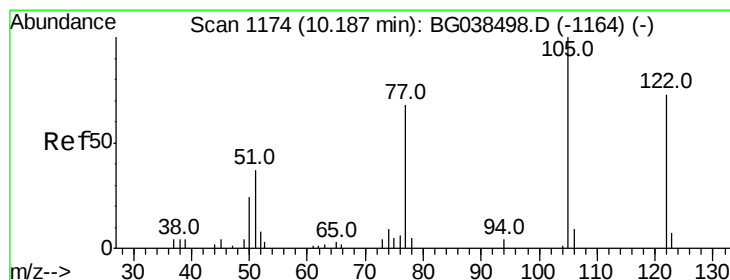
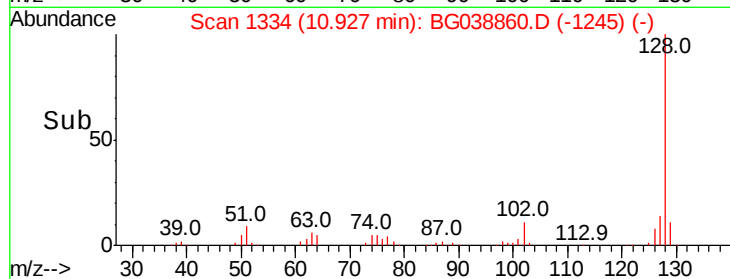
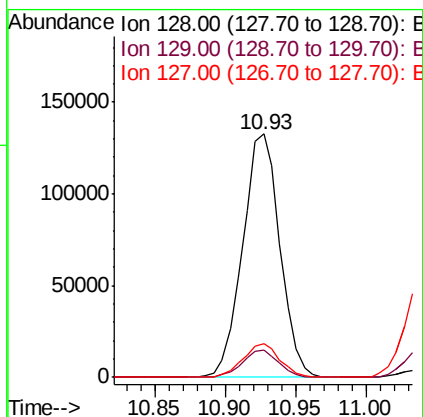
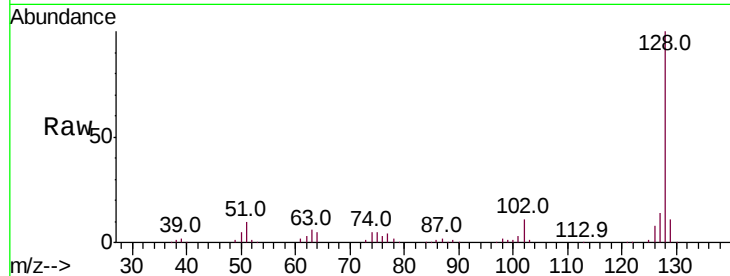
#31
Naphthalene
Concen: 40.815 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	14.0	10.9	16.3

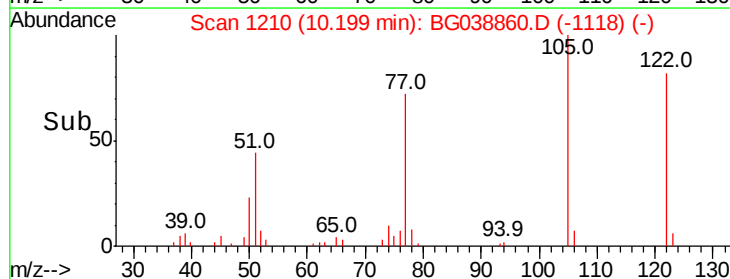
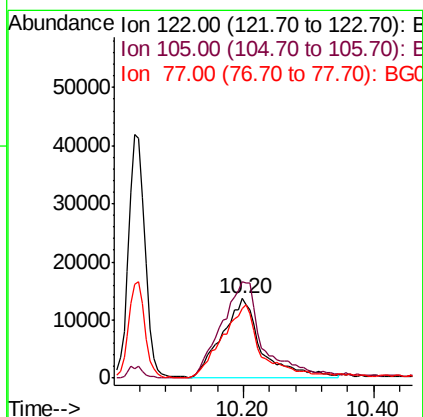
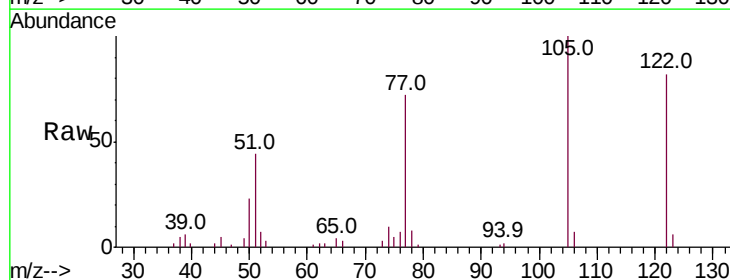
Manual Integrations
APPROVED

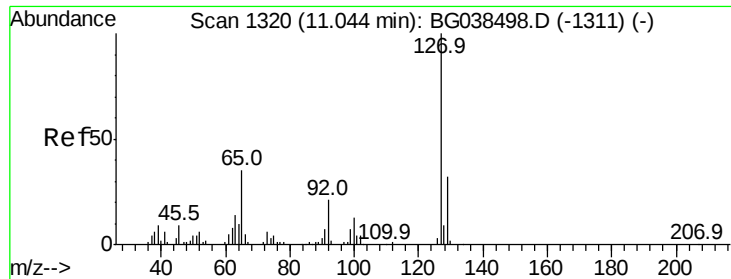
Sohil
12/28/2018 4:03:26 PM



#32
Benzoic acid
Concen: 51.031 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.1	116.7	156.7
77	87.5	72.5	112.5





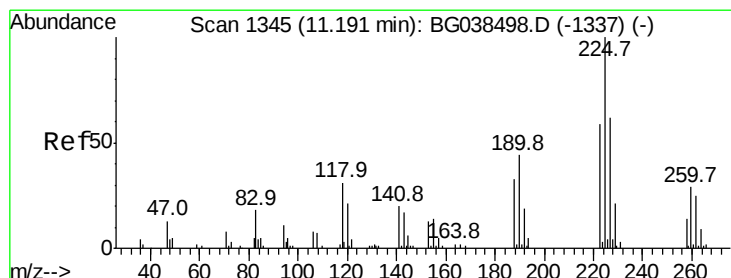
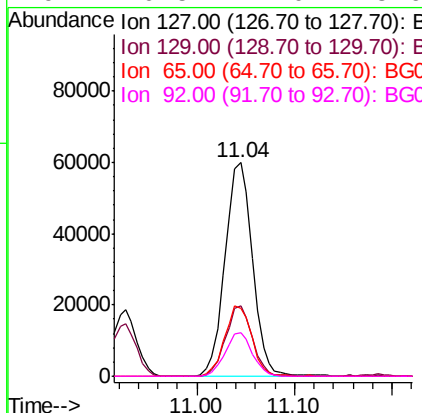
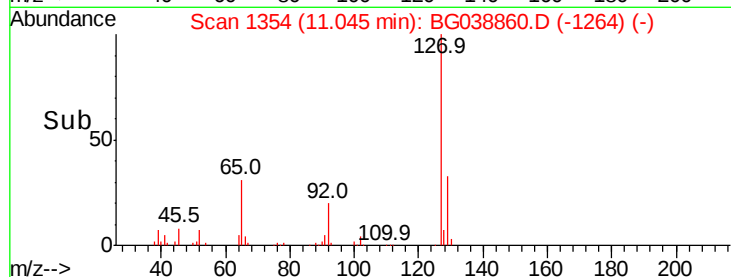
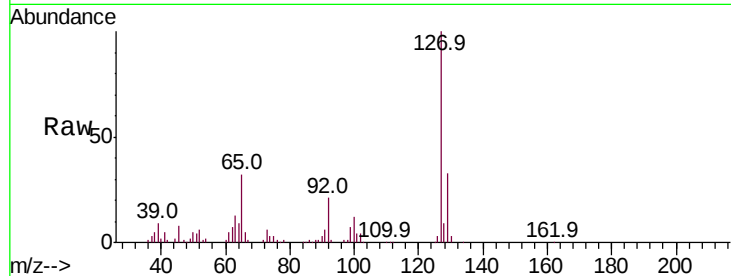
#33
4-Chloroaniline
Concen: 45.072 ng
RT: 11.04 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	31.9	27.8	41.6
92	20.5	17.0	25.6

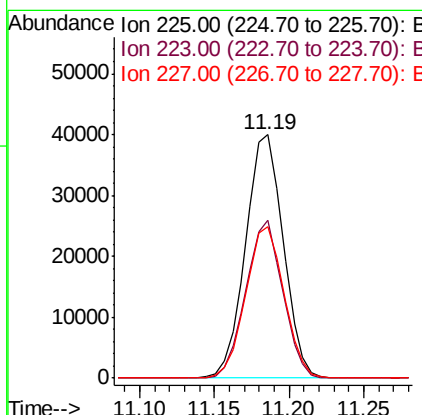
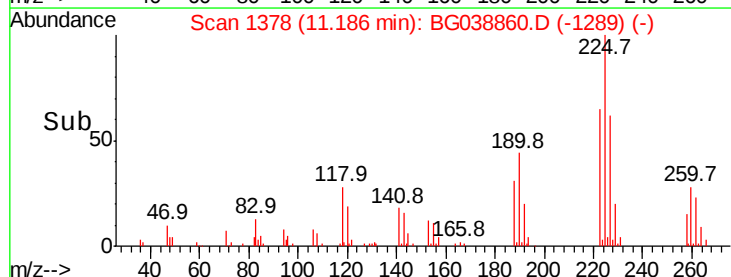
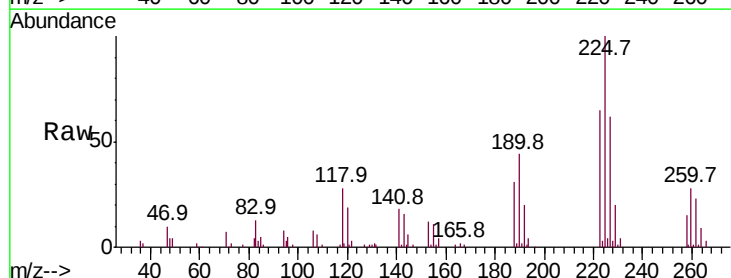
Manual Integrations
APPROVED

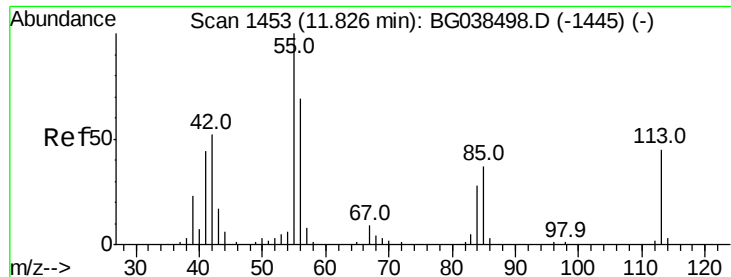
Sohil
12/28/2018 4:03:26 PM



#34
Hexachlorobutadiene
Concen: 43.309 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	45.0	67.6
227	64.8	50.6	75.8





#35

Caprolactam

Concen: 40.595 ng

RT: 11.84 min Scan# 1490

Delta R.T. 0.02 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 33126

Ion Ratio Lower Upper

113 100

55 211.7 204.3 244.3

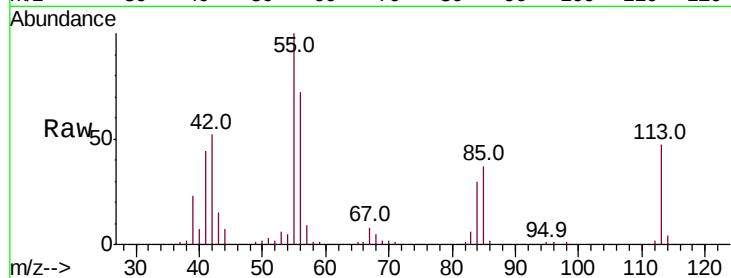
56 153.4 135.0 175.0

Manual Integrations

APPROVED

Sohil

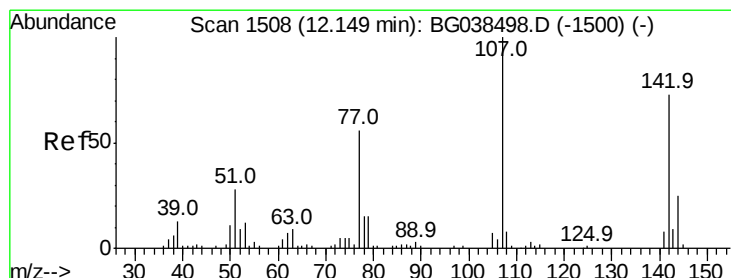
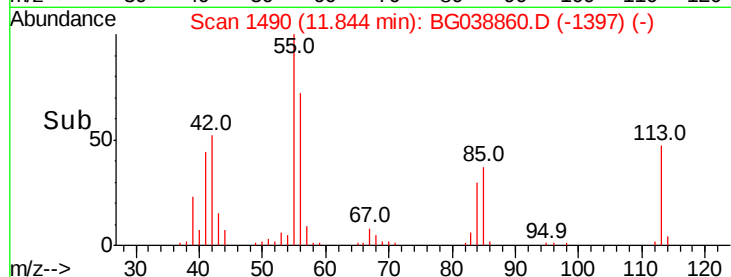
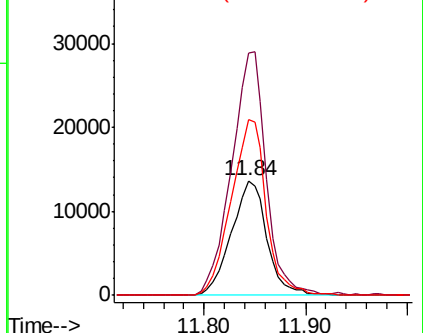
12/28/2018 4:03:26 PM



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: 46.081 ng

RT: 12.16 min Scan# 1544

Delta R.T. 0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

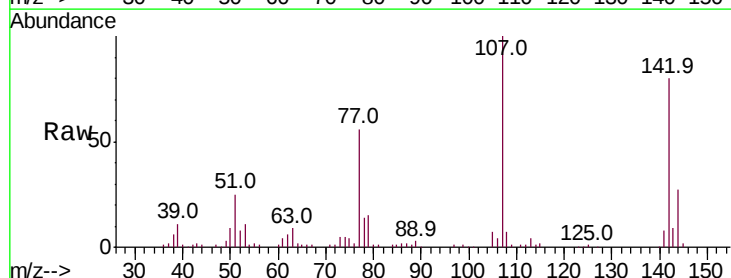
Tgt Ion:107 Resp: 103691

Ion Ratio Lower Upper

107 100

144 27.0 20.1 30.1

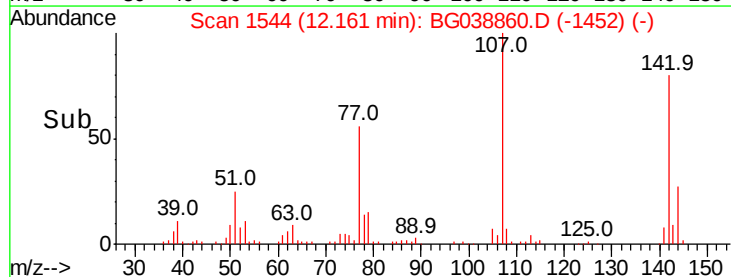
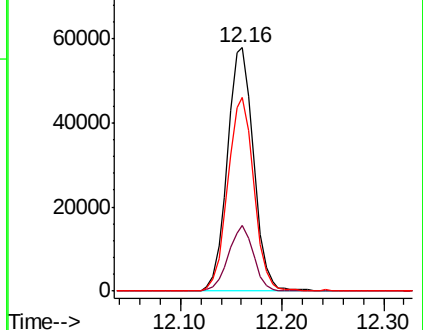
142 79.5 58.7 88.1

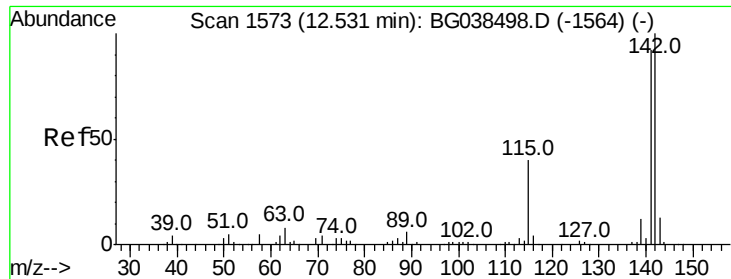


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





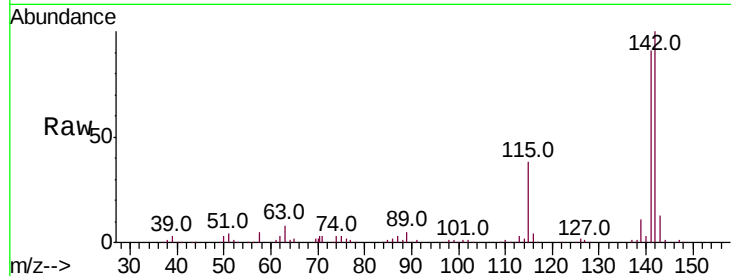
#37
2-Methylnaphthalene
Concen: 43.353 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.5	110.3
115	38.1	31.7	47.5

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM

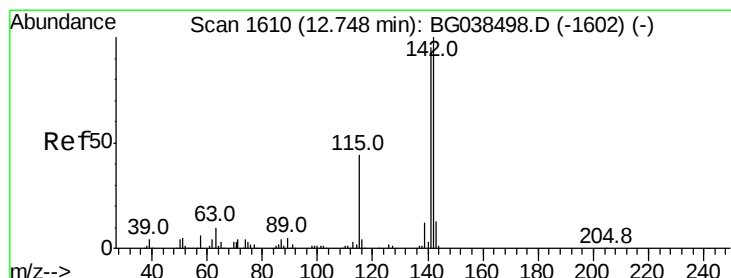
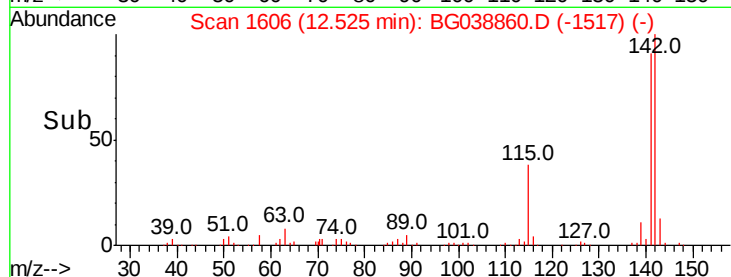
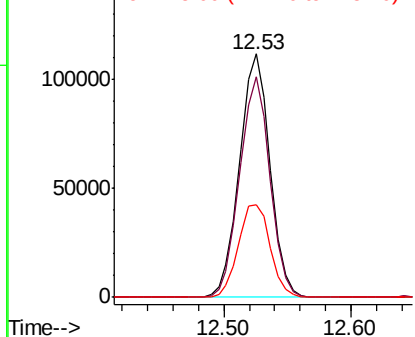


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.114 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

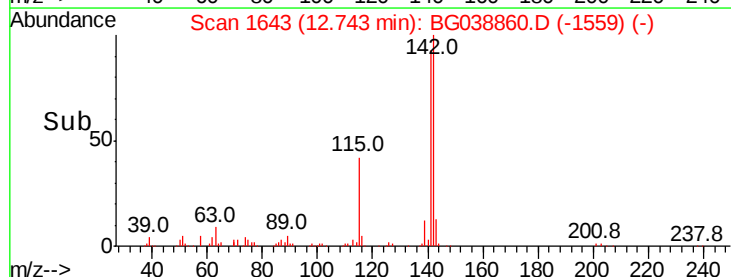
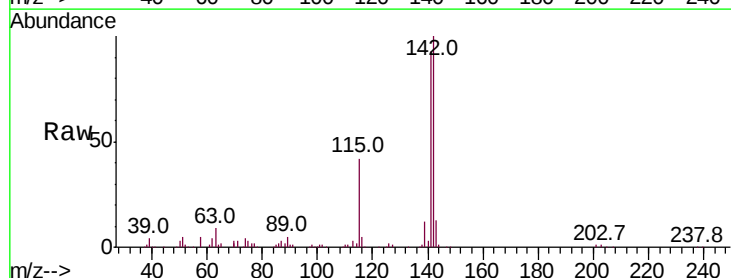
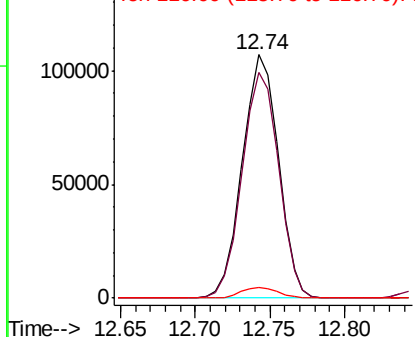
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.8	113.8
116	4.5	3.6	5.4

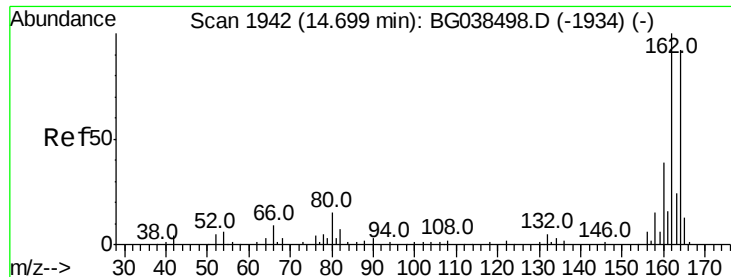
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





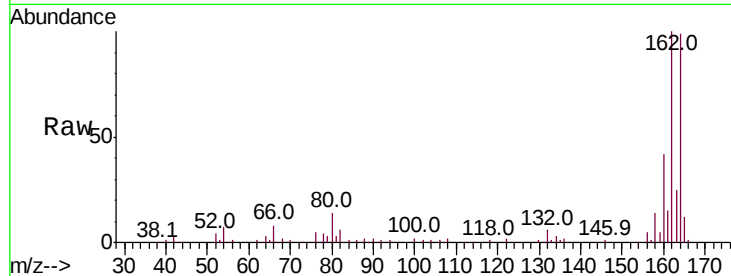
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.6	130.0
160	42.7	34.2	51.2

Manual Integrations
 APPROVED

Sohil
 12/28/2018 4:03:26 PM

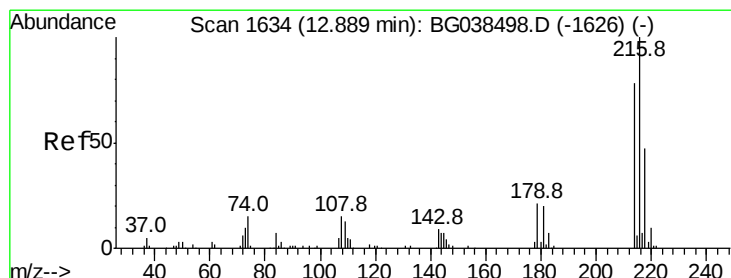
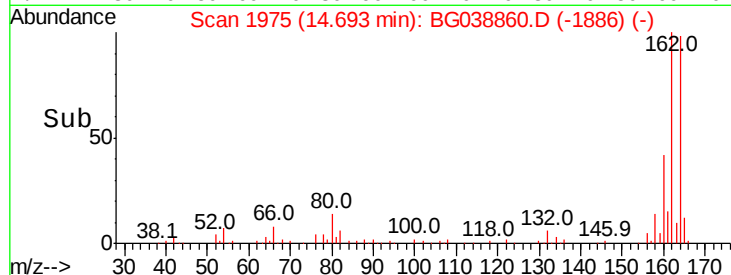
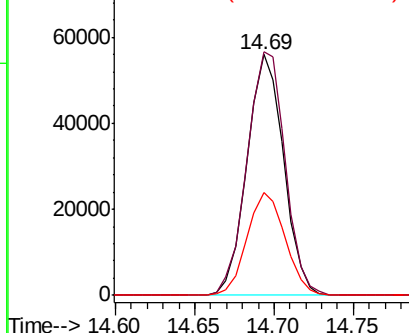


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.704 ng
 RT: 12.88 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	64.1	96.1
179	19.3	16.4	24.6
108	14.5	13.9	20.9

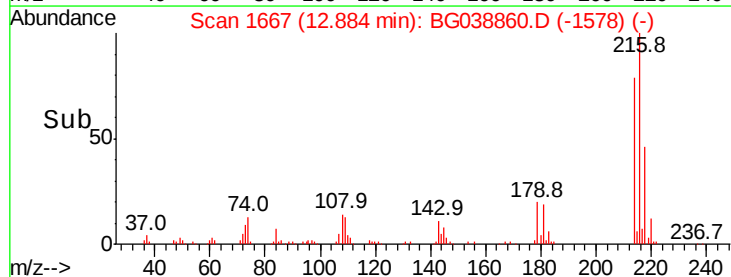
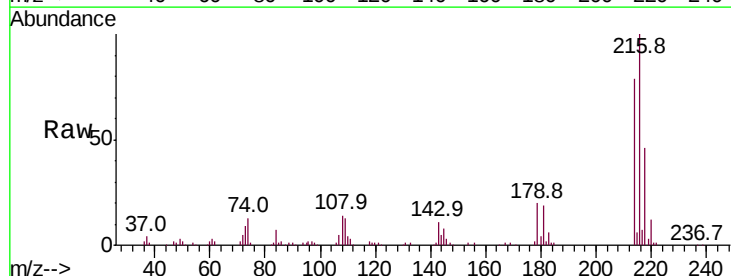
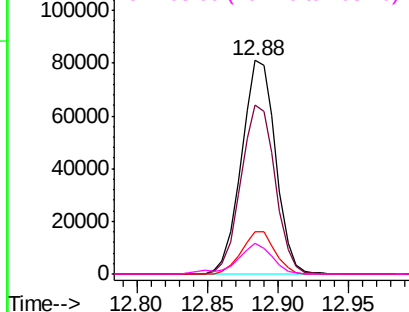
Abundance

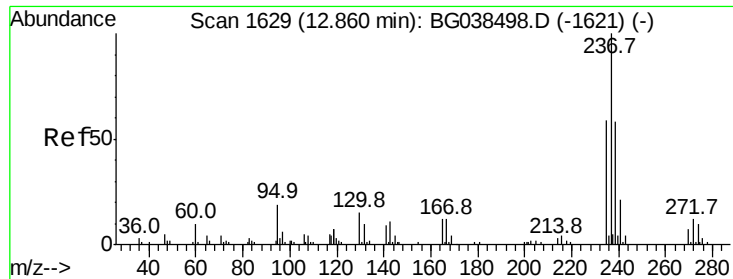
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 30.076 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

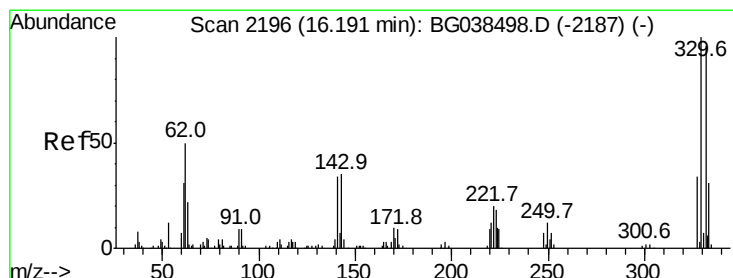
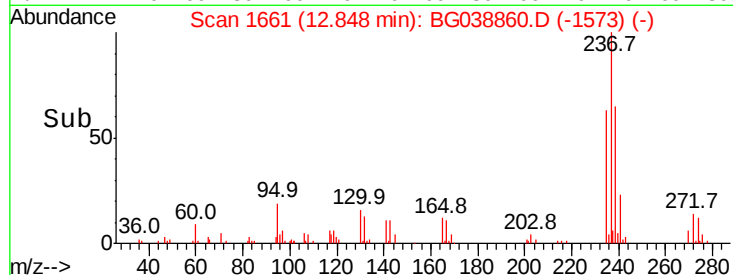
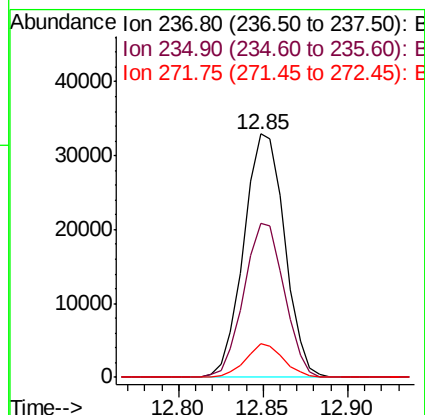
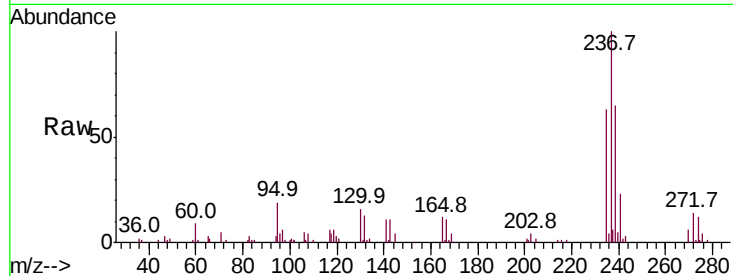
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	55515
Ion Ratio		Lower	Upper
237	100		
235	63.4	38.8	78.8
272	13.8	0.0	32.0

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



#42

2,4,6-Tribromophenol

Concen: 91.116 ng

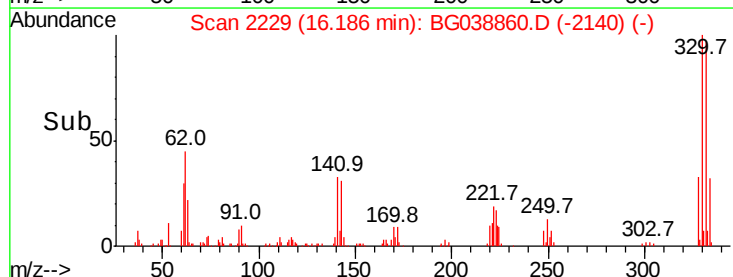
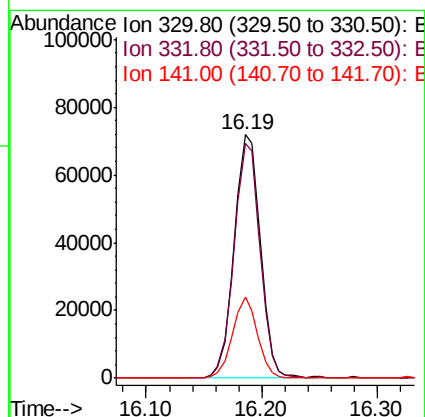
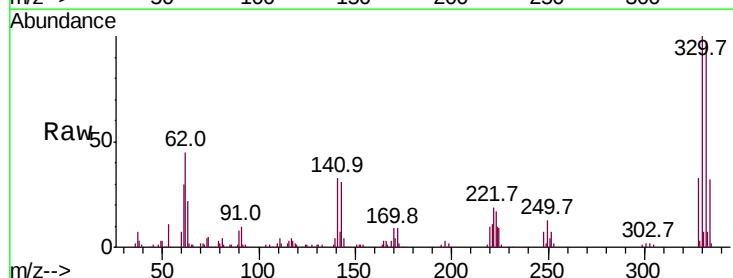
RT: 16.19 min Scan# 2229

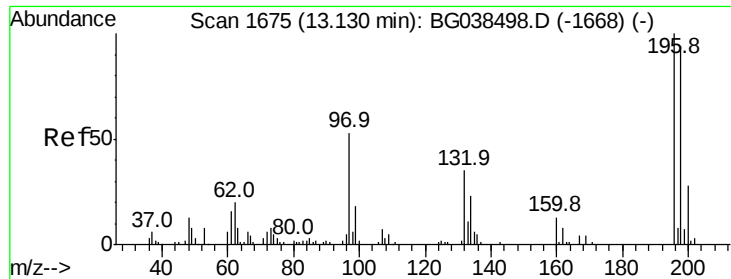
Delta R.T. -0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Tgt Ion:	330	Resp:	112866
Ion Ratio		Lower	Upper
330	100		
332	96.0	76.9	115.3
141	31.7	28.8	43.2





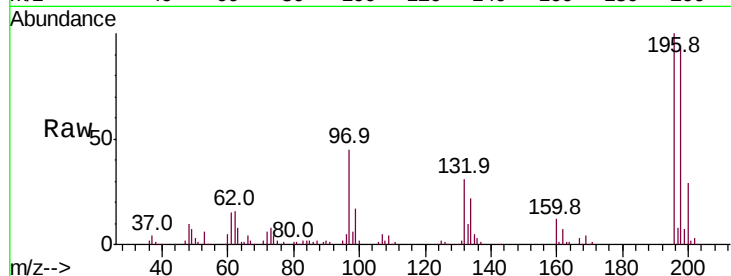
#43
 2,4,6-Trichlorophenol
 Concen: 44.759 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	92460		
198	93.3	75.0	112.4	
200	29.3	22.4	33.6	

Manual Integrations
 APPROVED

Sohil
 12/28/2018 4:03:26 PM

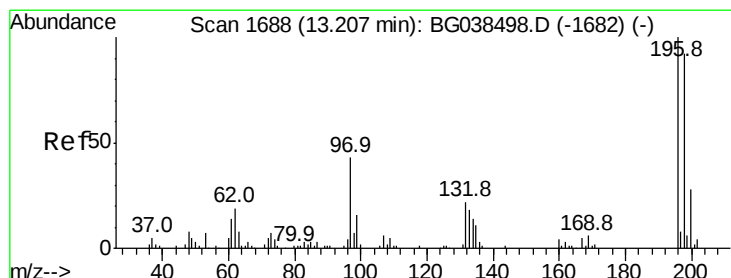
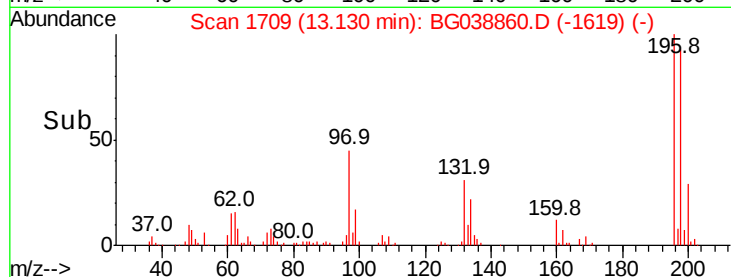
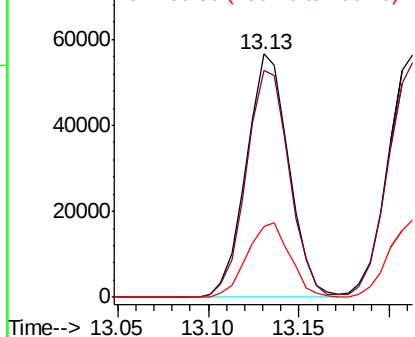


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.575 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.01 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97493		
198	96.7	74.0	111.0	
97	39.8	35.1	52.7	
132	21.7	18.0	27.0	

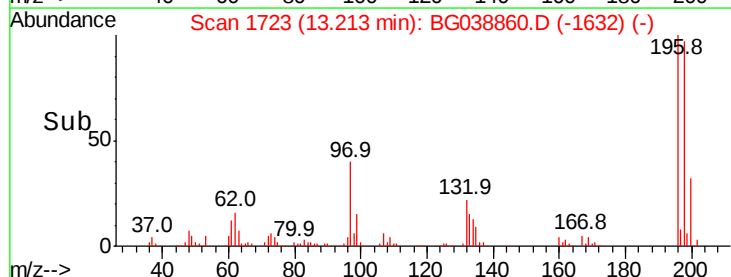
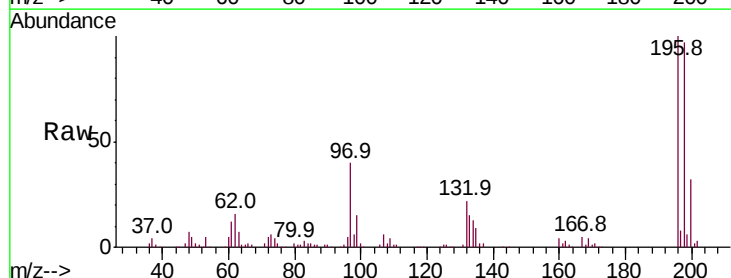
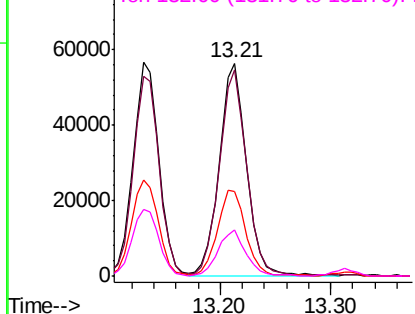
Abundance

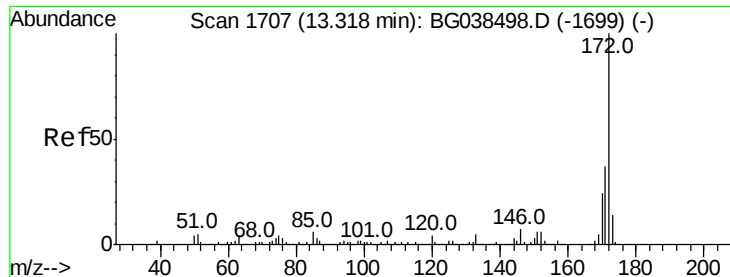
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





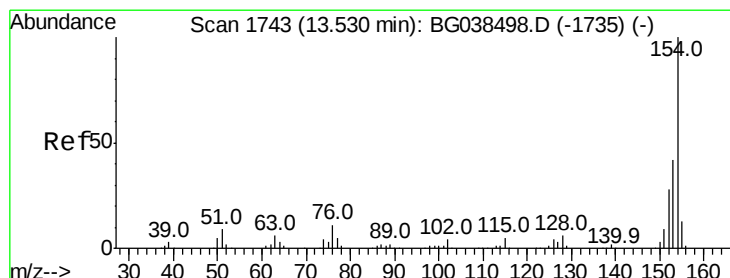
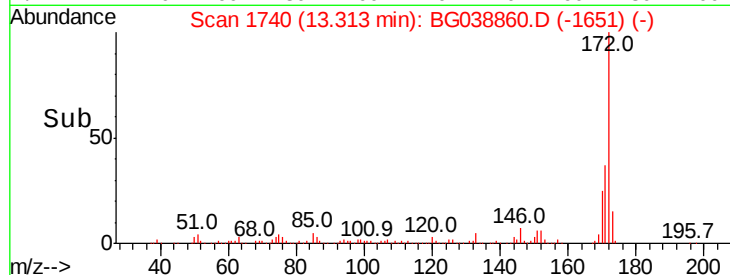
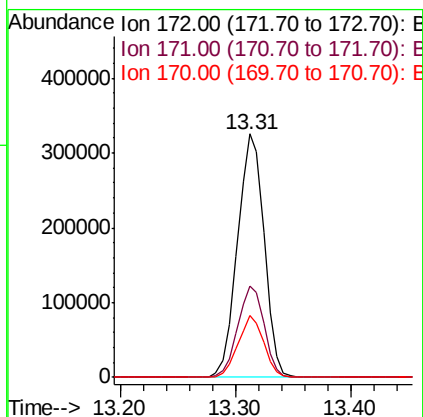
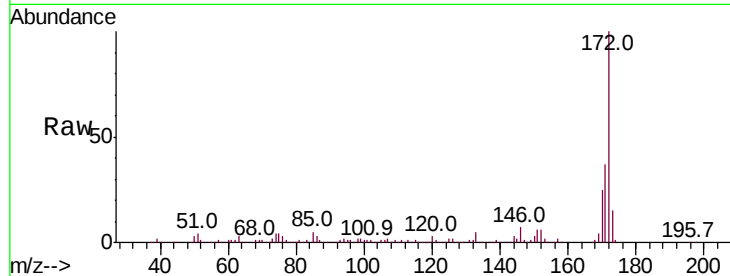
#45
2-Fluorobiphenyl
Concen: 79.134 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.2	19.5	29.3

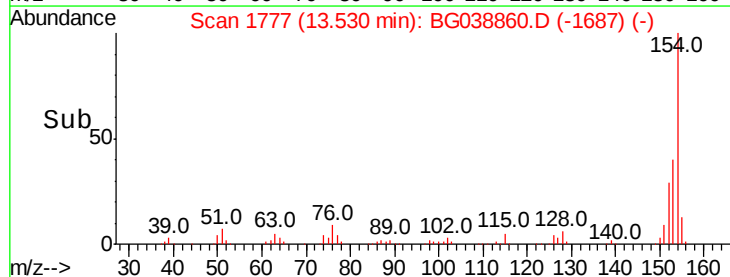
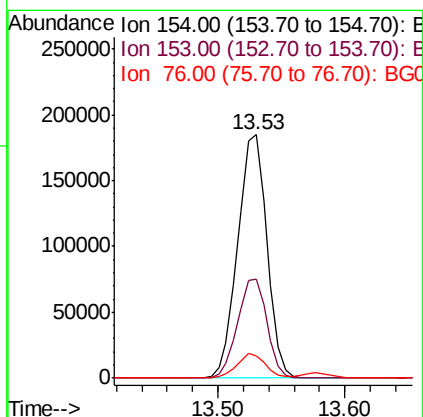
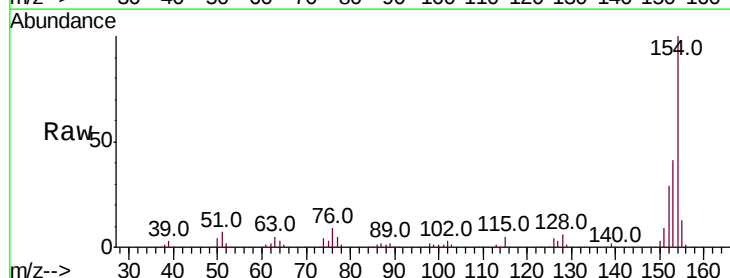
Manual Integrations
APPROVED

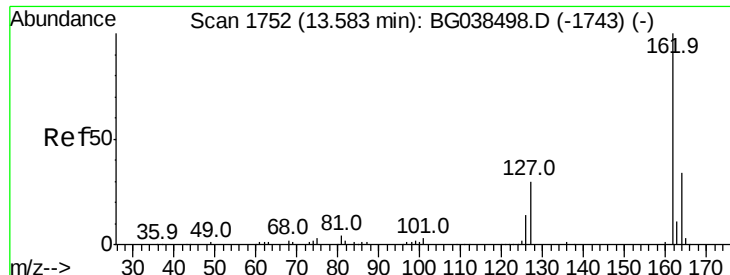
Sohil
12/28/2018 4:03:26 PM



#46
1,1'-Biphenyl
Concen: 39.119 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.6	22.1	62.1
76	9.1	0.0	31.2





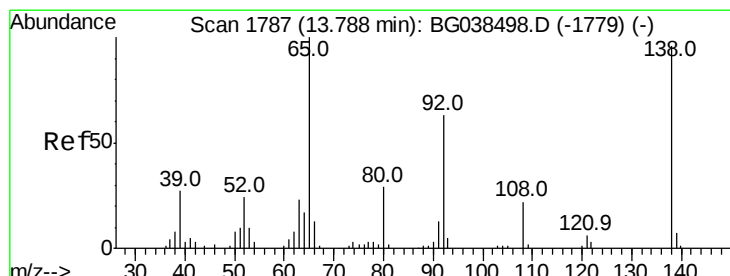
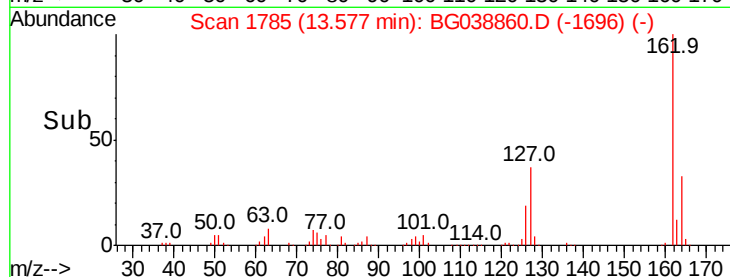
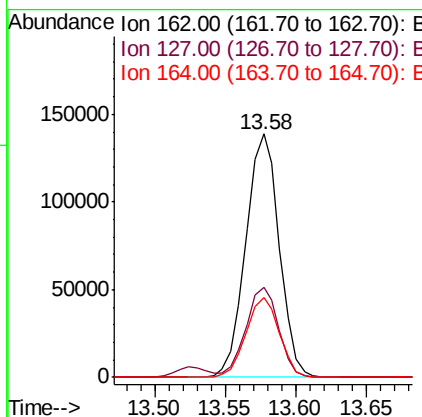
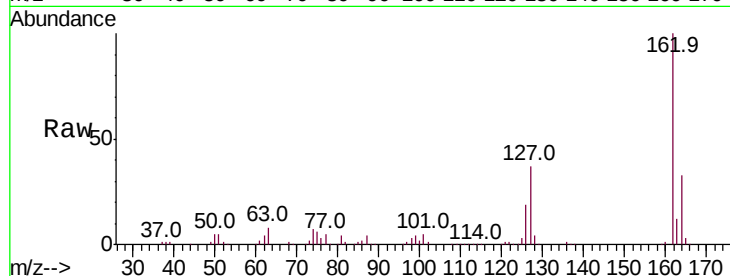
#47
 2-Chloronaphthalene
 Concen: 39.688 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	230992
Ion Ratio	Lower	Upper	
162	100		
127	36.9	27.8	41.8
164	32.5	26.9	40.3

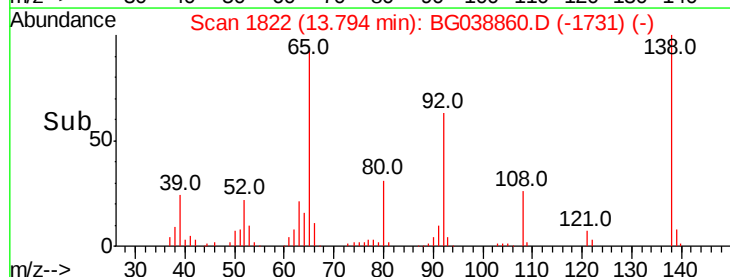
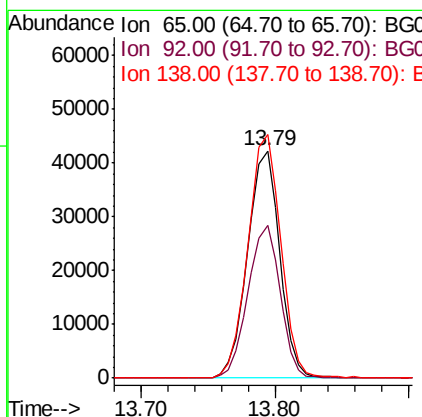
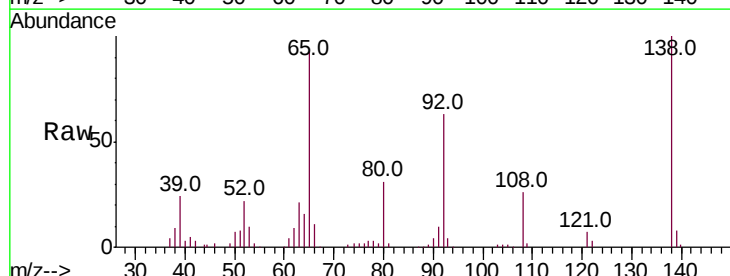
Manual Integrations
 APPROVED

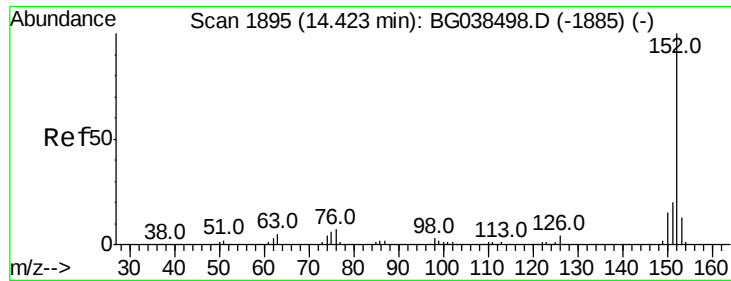
Sohil
 12/28/2018 4:03:26 PM



#48
 2-Nitroaniline
 Concen: 37.900 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Tgt Ion:	65	Resp:	70263
Ion Ratio	Lower	Upper	
65	100		
92	67.0	50.0	75.0
138	107.1	76.9	115.3





#49

Acenaphthylene

Concen: 39.370 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

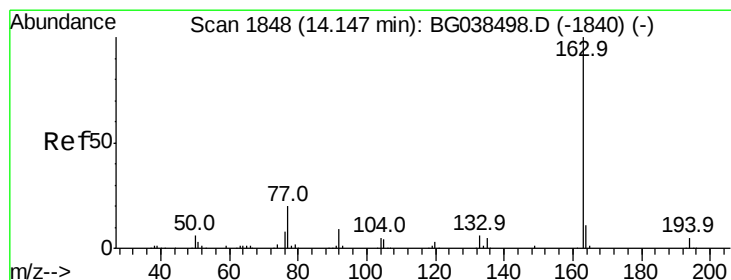
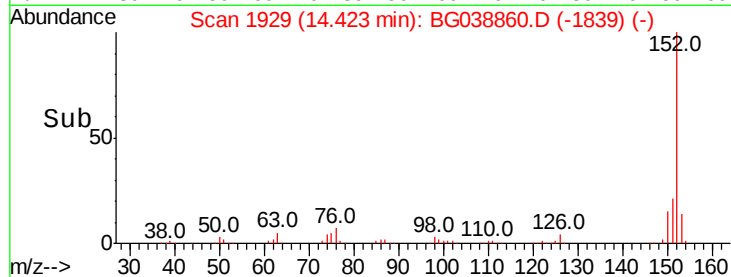
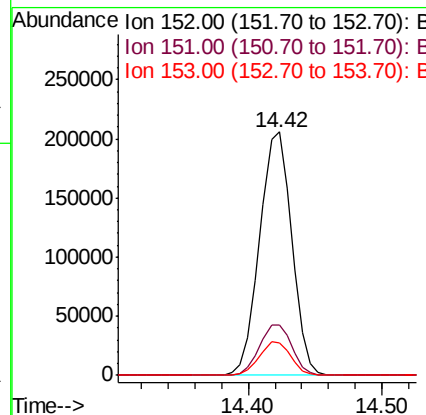
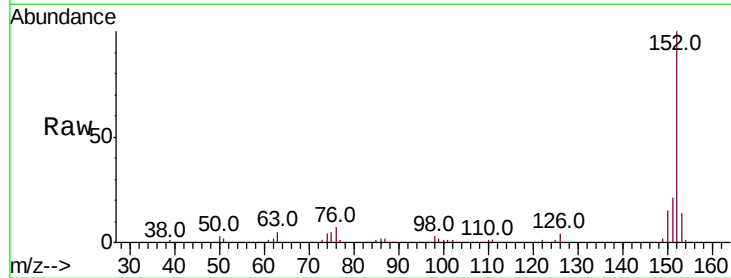
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	342557
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.4	24.6
153	13.6	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



#50

Dimethylphthalate

Concen: 39.146 ng

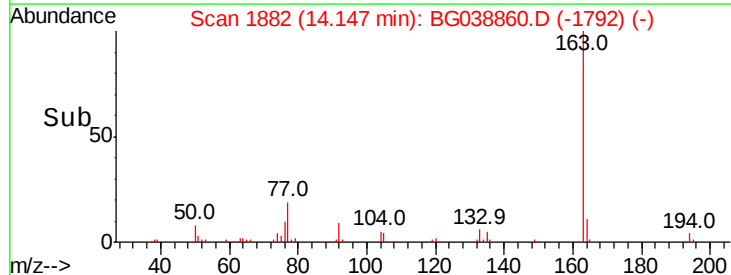
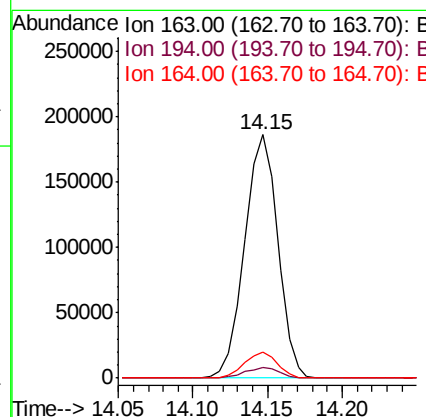
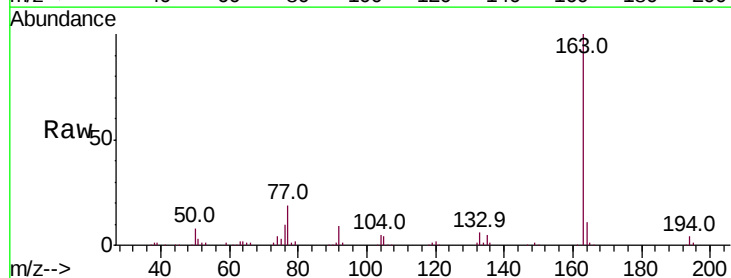
RT: 14.15 min Scan# 1882

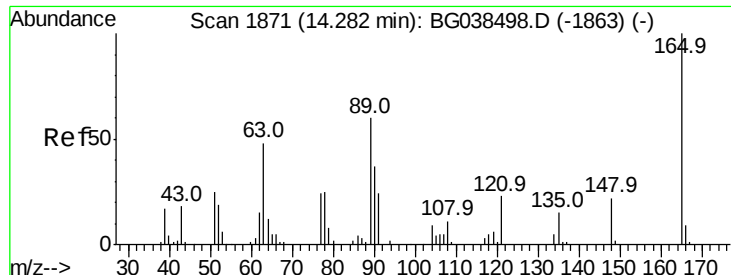
Delta R.T. 0.00 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Tgt Ion:	163	Resp:	287330
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.7	5.5
164	10.5	8.6	12.8





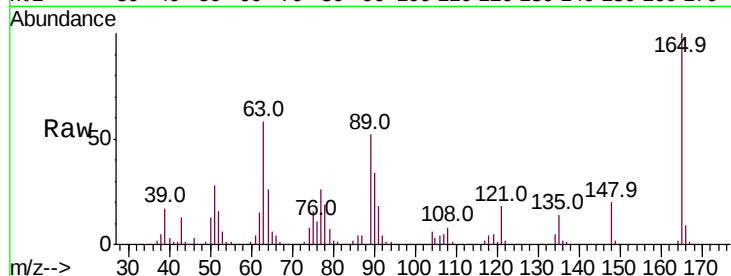
#51
 2,6-Dinitrotoluene
 Concen: 39.770 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

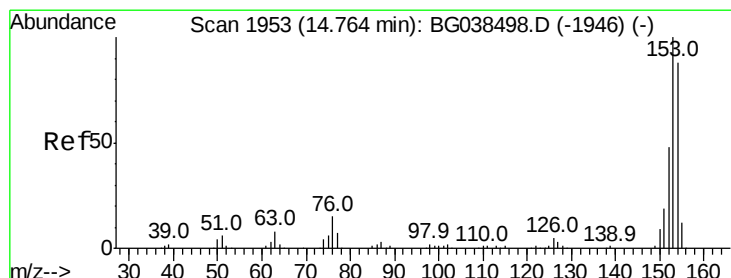
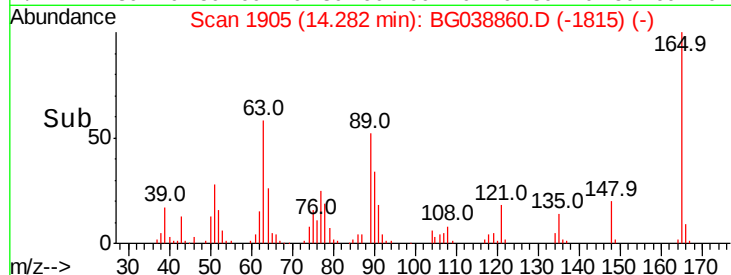
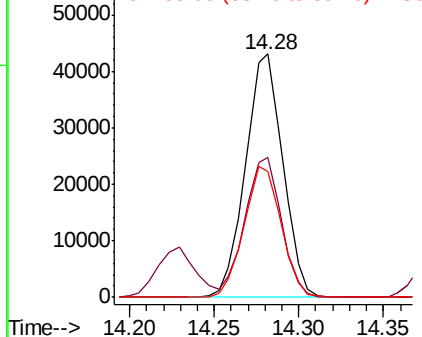
Tot Ion	Ratio	Resp	Lower	Upper
165	100	66151		
63	57.6	51.8	77.6	
89	51.5	47.9	71.9	

Manual Integrations
 APPROVED

Sohil
 12/28/2018 4:03:26 PM

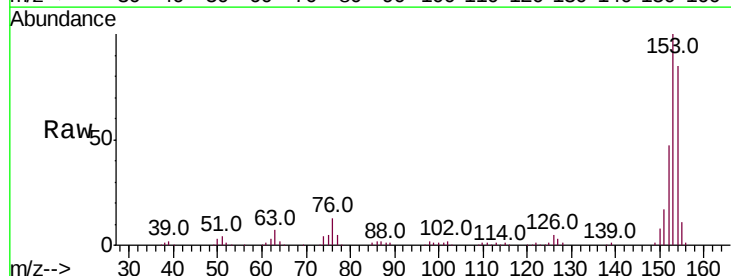


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

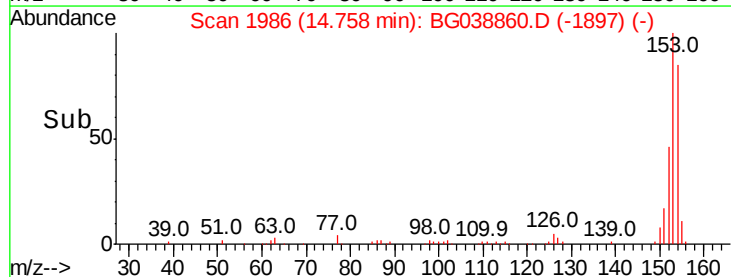
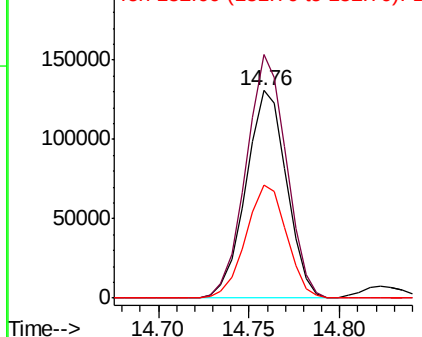


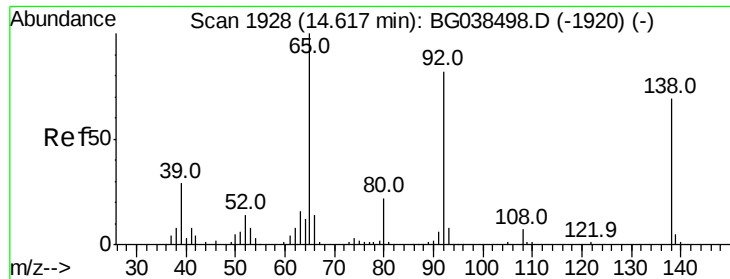
#52
 Acenaphthene
 Concen: 39.210 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	204009		
153	117.2	90.6	136.0	
152	54.7	43.5	65.3	



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





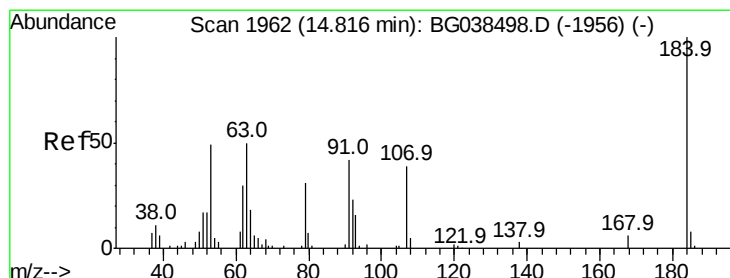
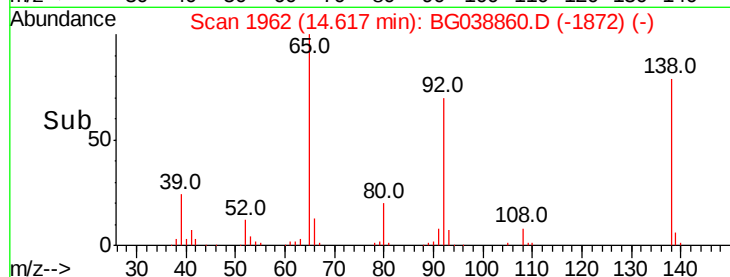
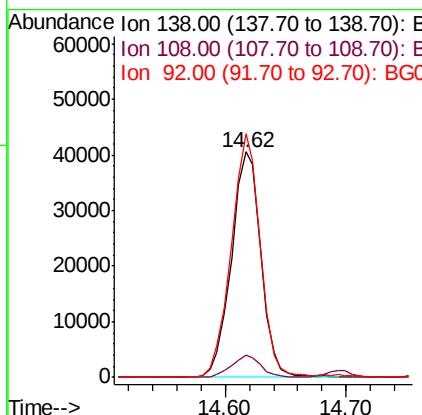
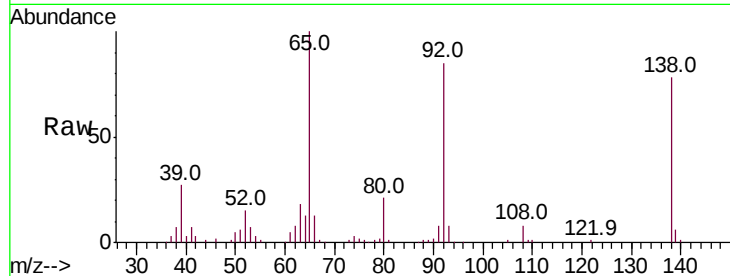
#53
3-Nitroaniline
Concen: 40.714 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.9	11.9
92	108.1	95.3	142.9

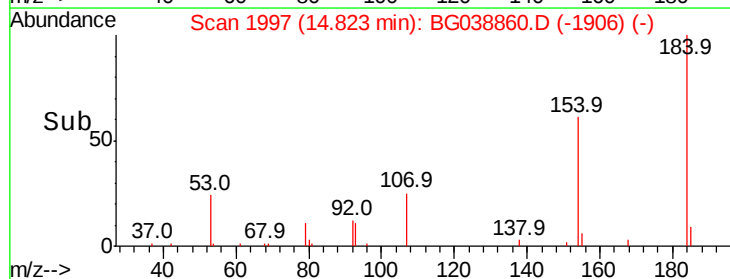
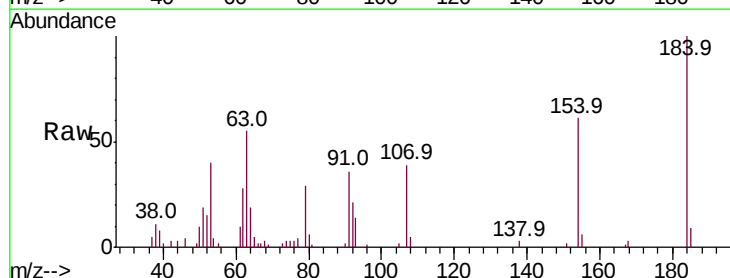
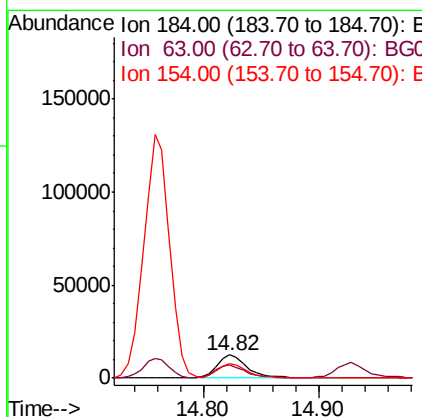
Manual Integrations
APPROVED

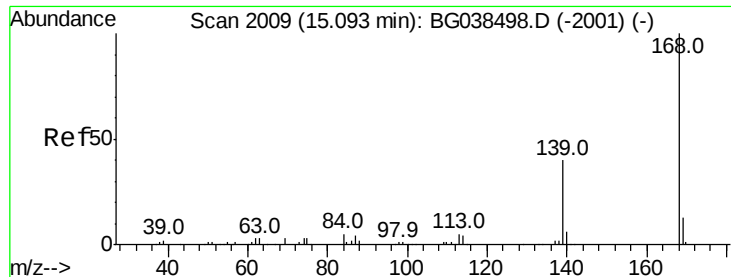
Sohil
12/28/2018 4:03:26 PM



#54
2,4-Dinitrophenol
Concen: 27.163 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.6	47.0	70.6
154	61.1	50.3	75.5





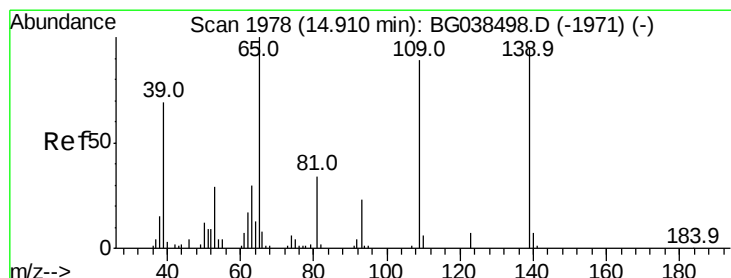
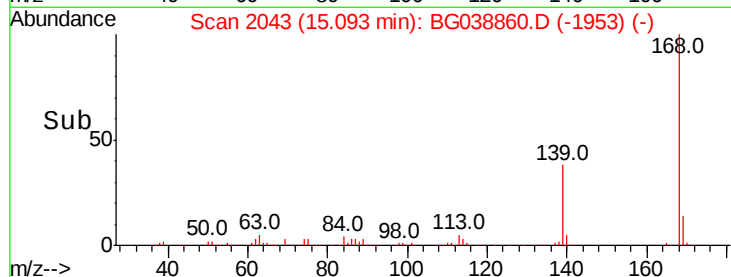
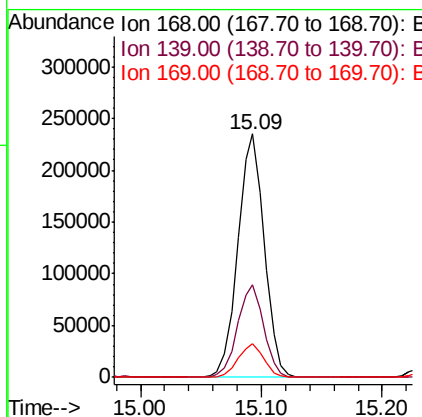
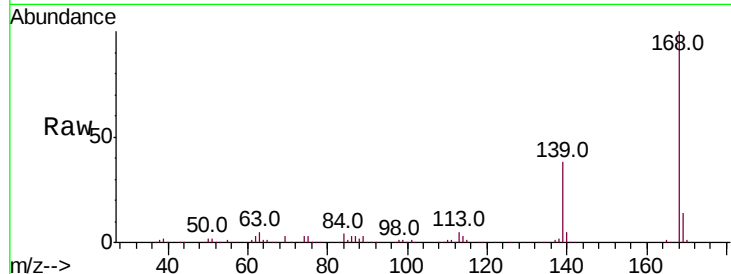
#55
Dibenzenofuran
Concen: 40.013 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	32.2	48.2
169	14.0	10.6	16.0

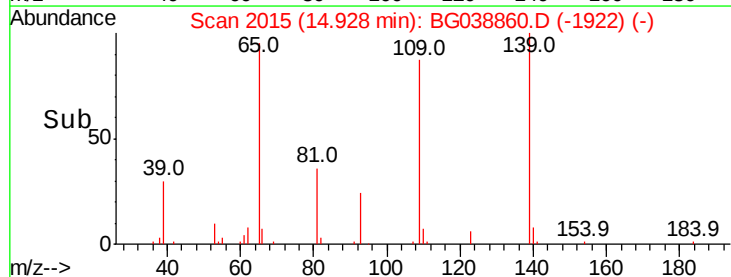
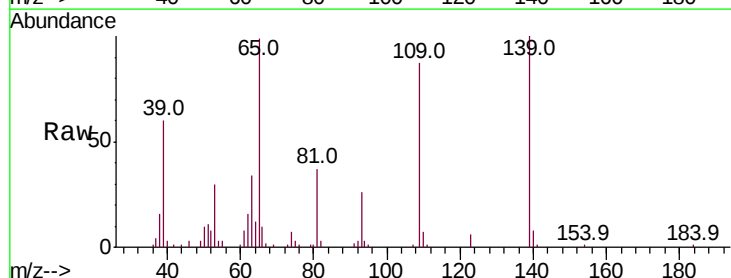
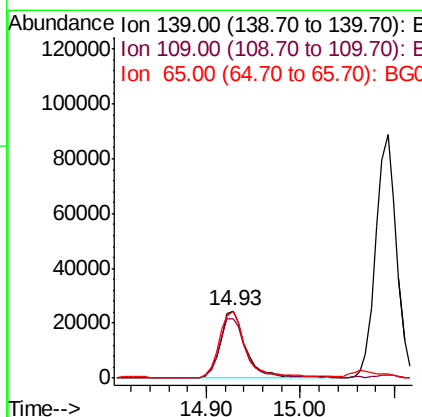
Manual Integrations
APPROVED

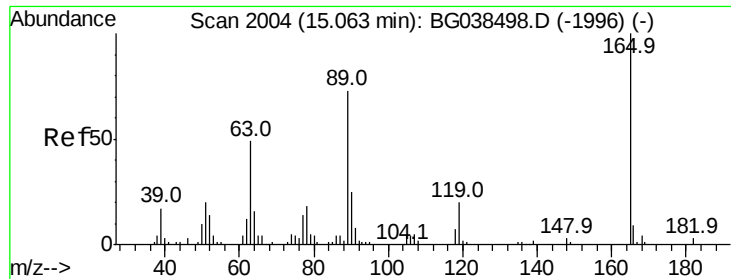
Sohil
12/28/2018 4:03:26 PM



#56
4-Nitrophenol
Concen: 37.011 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.02 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.4	73.6	113.6
65	98.5	84.8	124.8





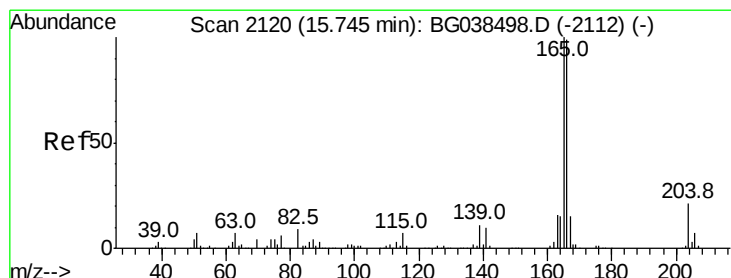
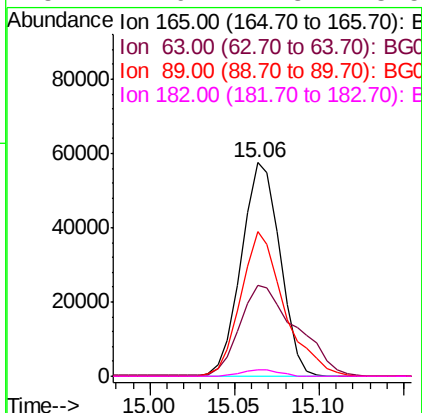
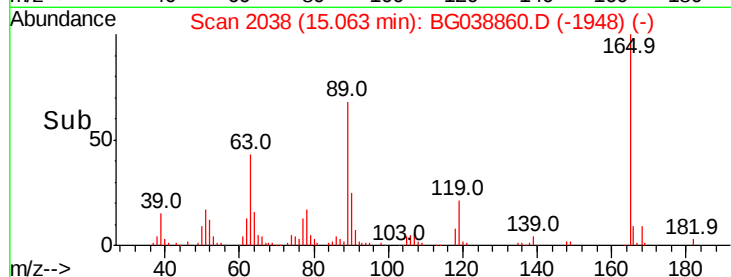
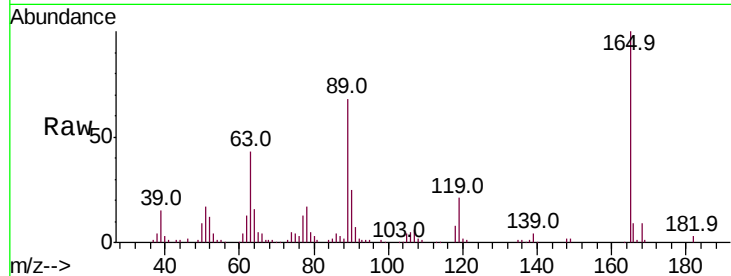
#57
2,4-Dinitrotoluene
Concen: 39.178 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.6	39.0	58.4
89	67.9	58.0	87.0
182	2.9	2.3	3.5

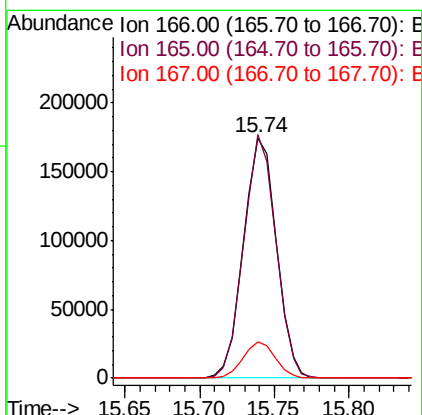
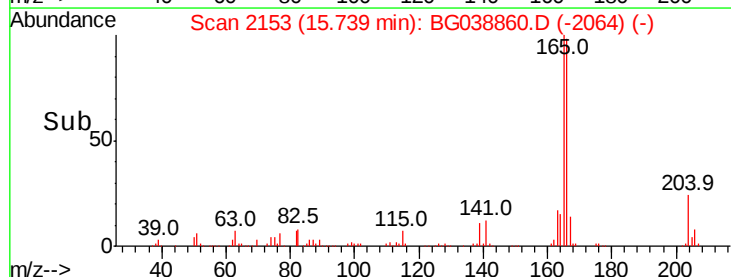
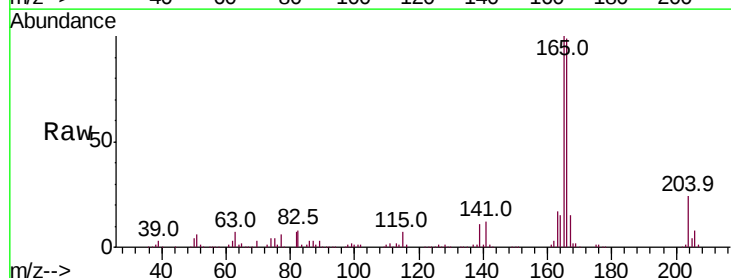
Manual Integrations
APPROVED

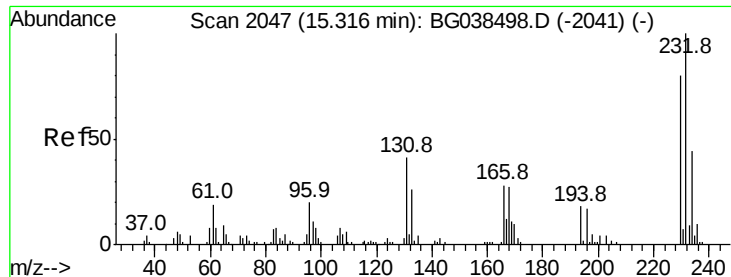
Sohil
12/28/2018 4:03:26 PM



#58
Fluorene
Concen: 40.290 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	80.6	120.8
167	15.0	12.0	18.0





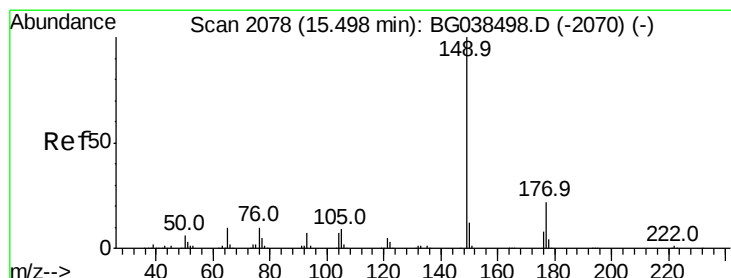
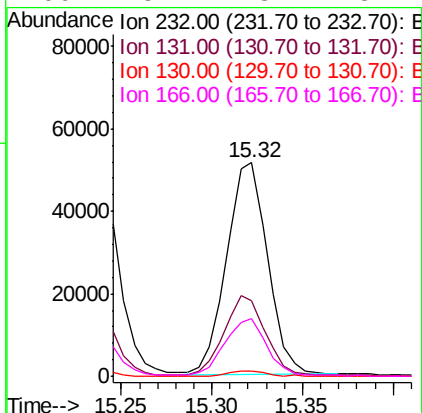
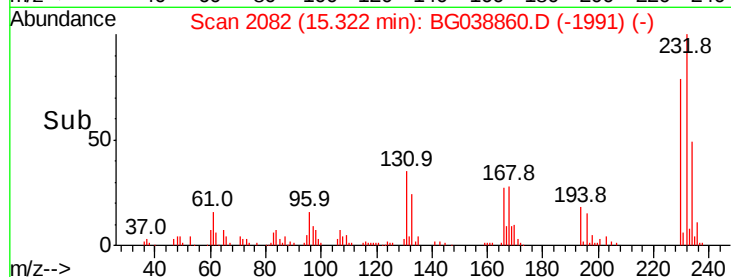
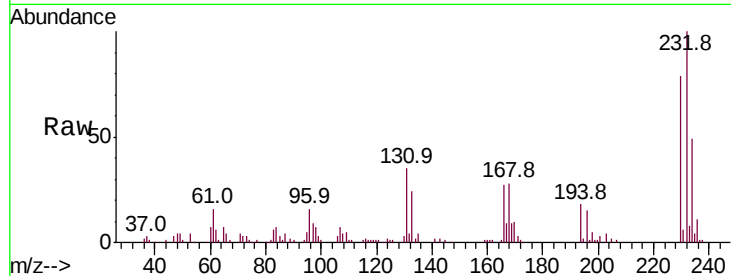
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.090 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	39.3	33.0	49.4	
130	2.4	2.0	3.0	
166	28.2	23.1	34.7	

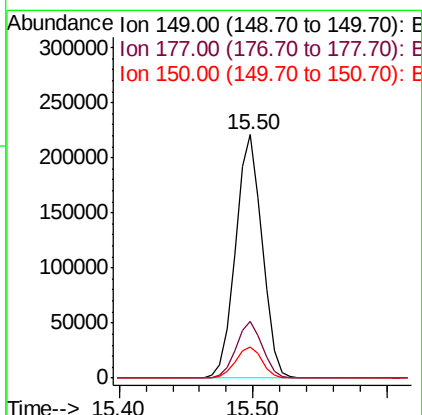
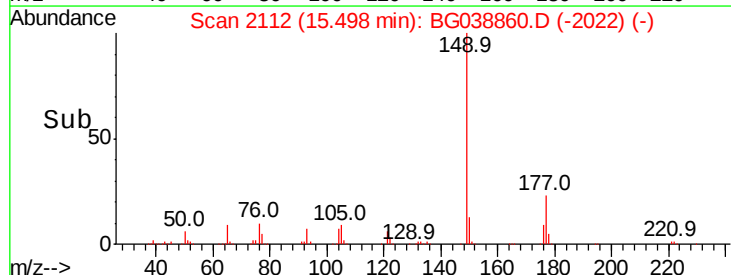
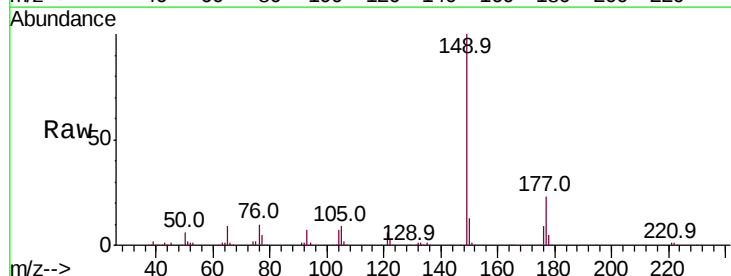
Manual Integrations
APPROVED

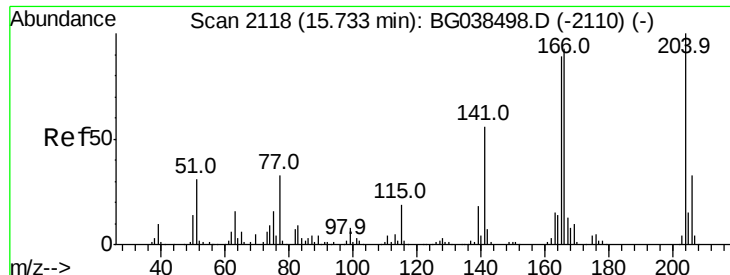
Sohil
12/28/2018 4:03:26 PM



#60
Diethylphthalate
Concen: 37.672 ng
RT: 15.50 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.3	17.7	26.5	
150	13.0	9.9	14.9	





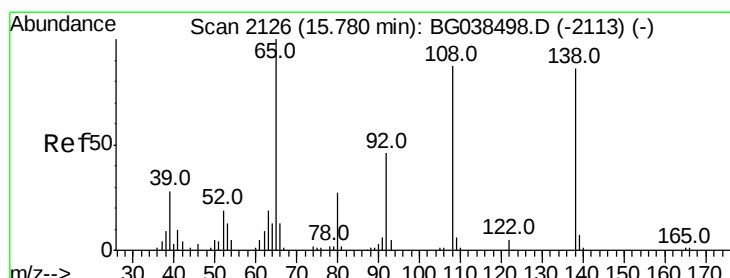
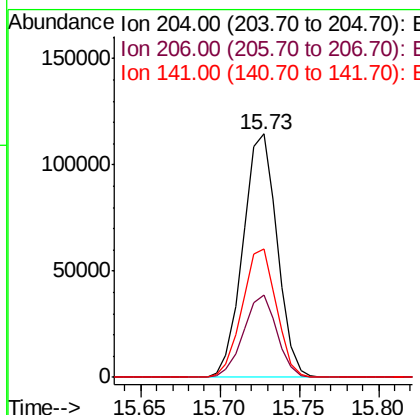
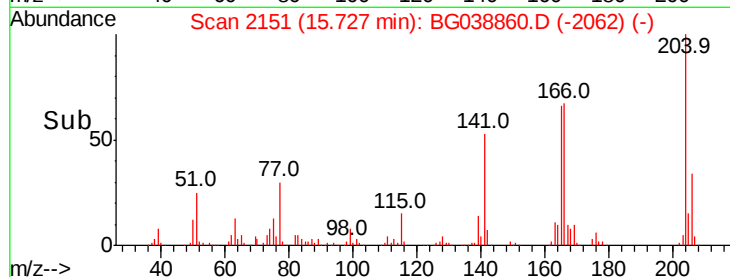
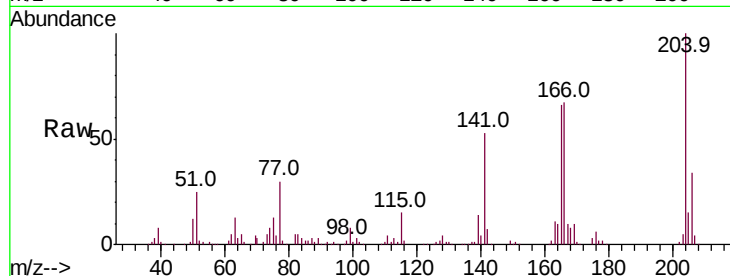
#61
4-Chlorophenyl-phenylether
Concen: 41.528 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.0	39.0
141	53.0	44.4	66.6

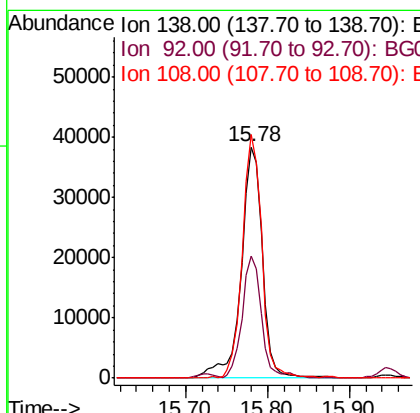
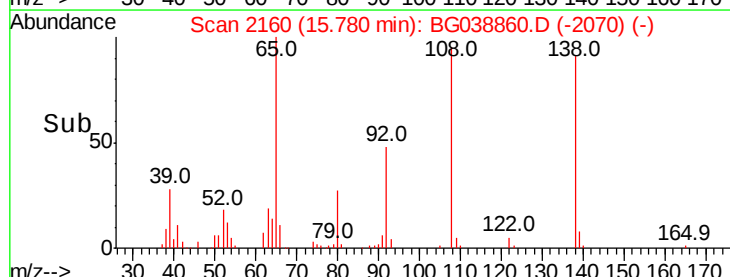
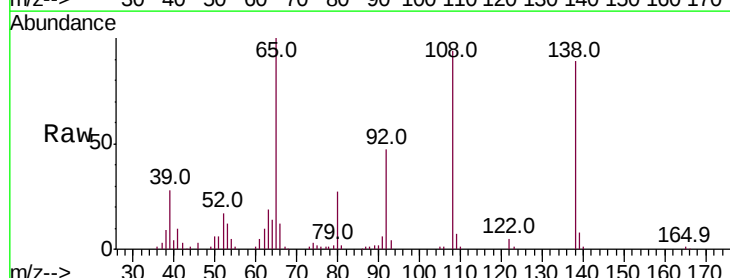
Manual Integrations
APPROVED

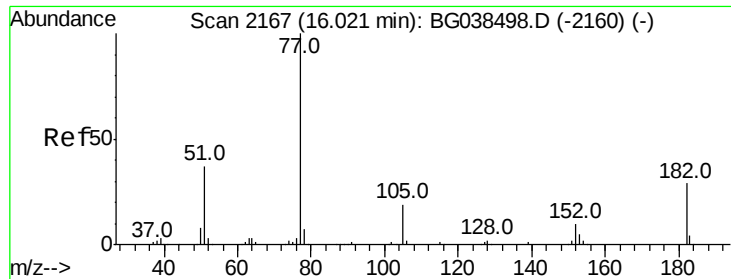
Sohil
12/28/2018 4:03:26 PM



#62
4-Nitroaniline
Concen: 39.724 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	33.3	73.3
108	105.3	81.4	121.4





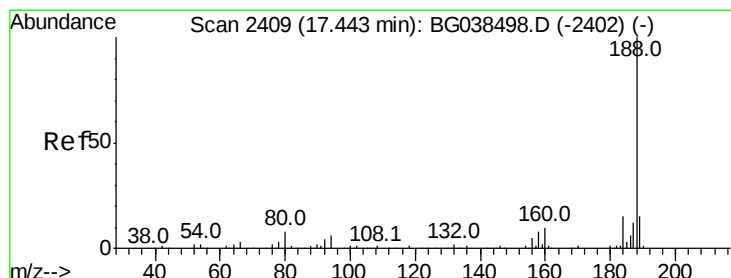
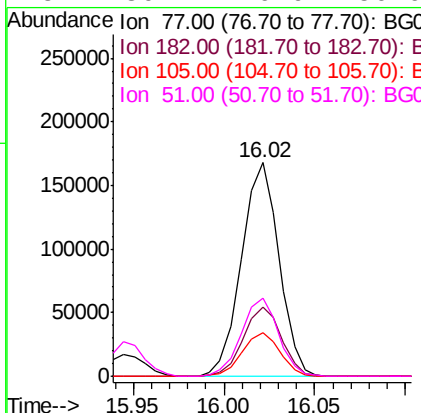
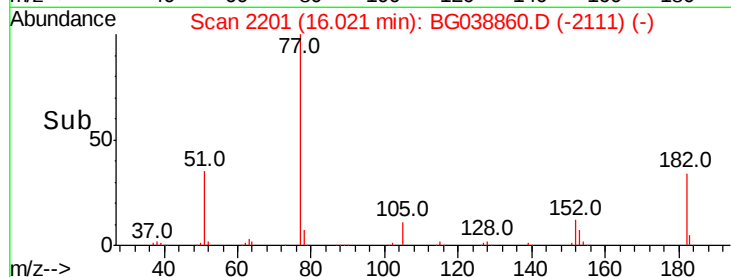
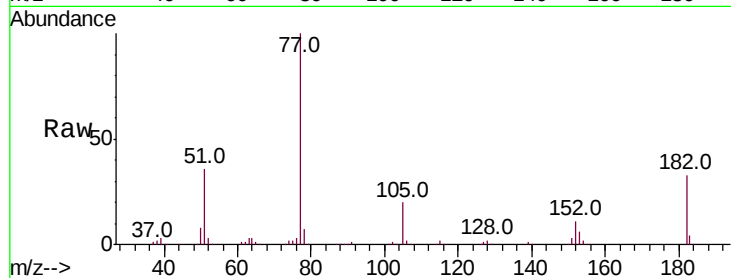
#63
Azobenzene
Concen: 35.856 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.6	8.7	48.7	
105	20.5	0.0	38.7	
51	36.4	16.6	56.6	

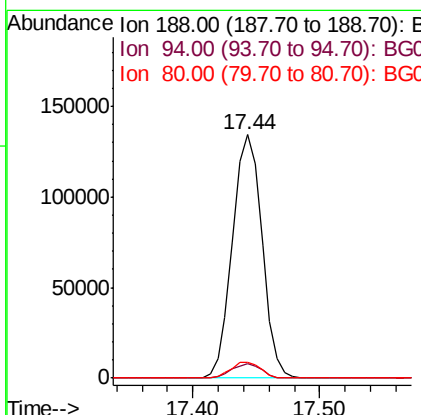
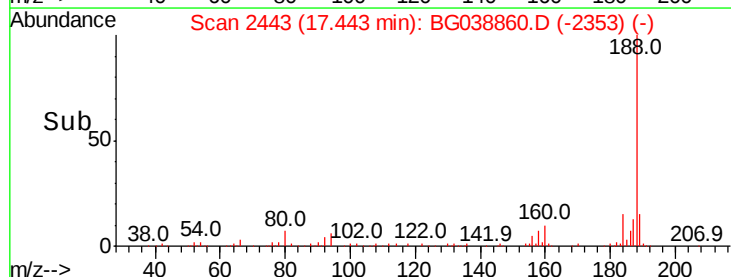
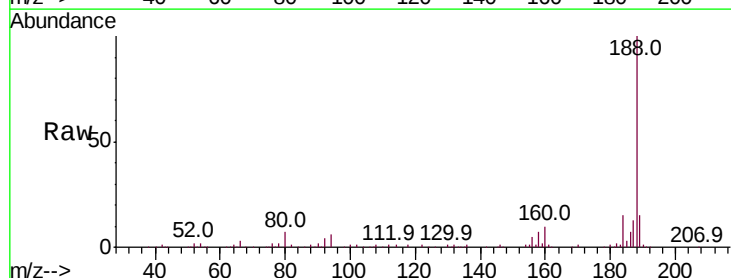
Manual Integrations
APPROVED

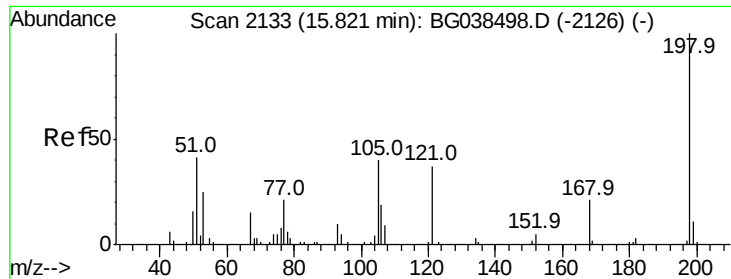
Sohil
12/28/2018 4:03:26 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.0	5.1	7.7	
80	6.7	6.1	9.1	





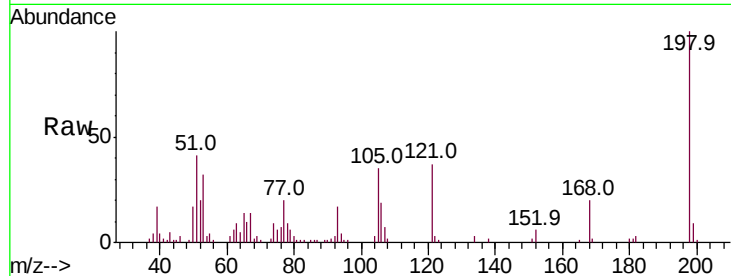
#65
4,6-Dinitro-2-methylphenol
Concen: 29.889 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	46195		
51	40.7	28.6	68.6	
105	34.7	20.4	60.4	

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM

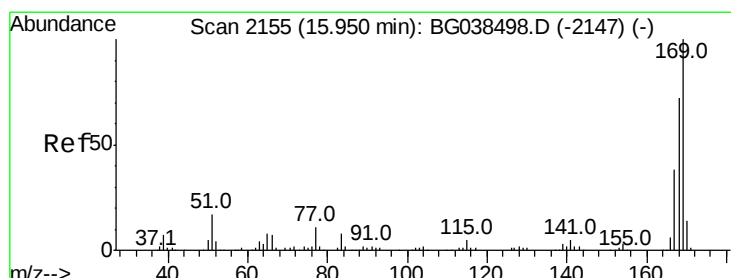
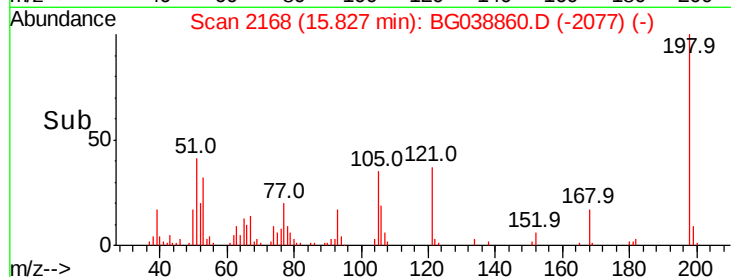
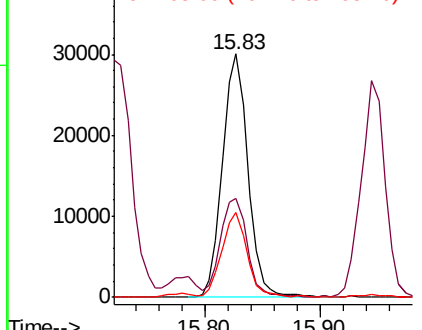


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 41.270 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

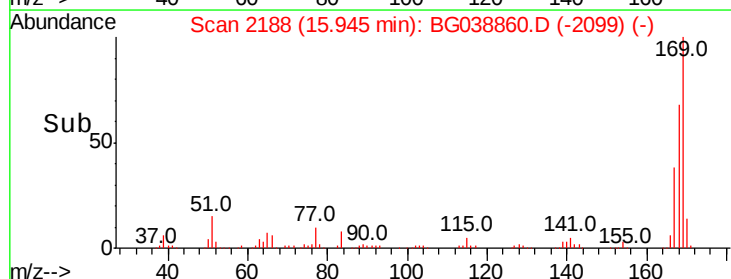
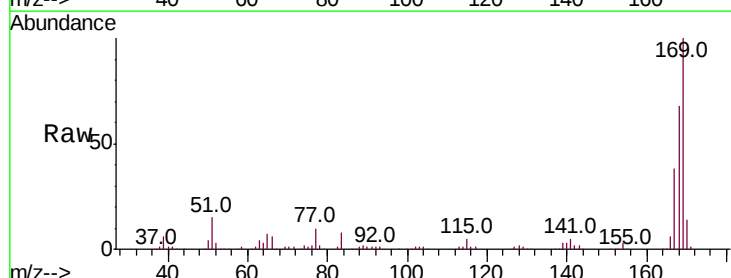
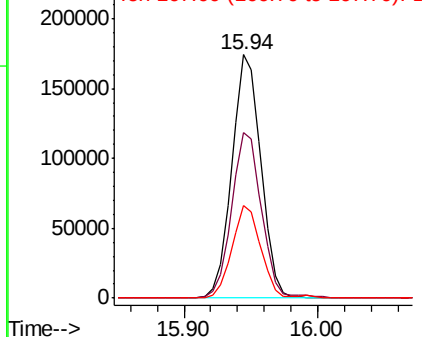
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	262719		
168	67.8	57.5	86.3	
167	38.2	30.2	45.2	

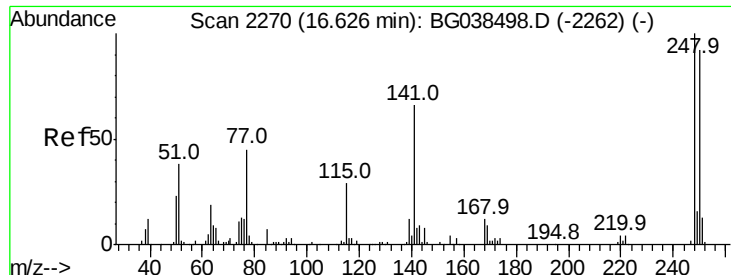
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





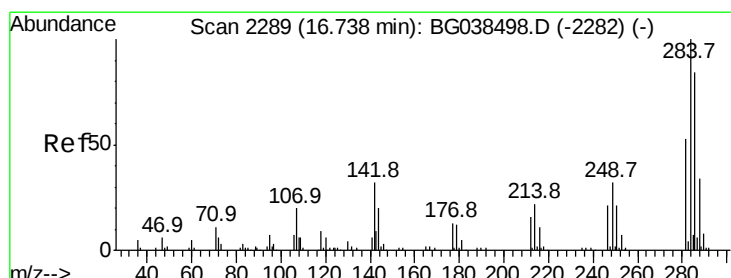
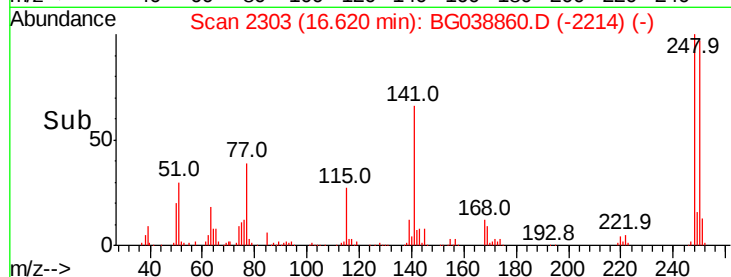
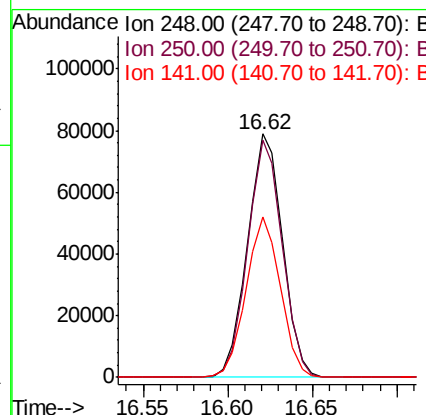
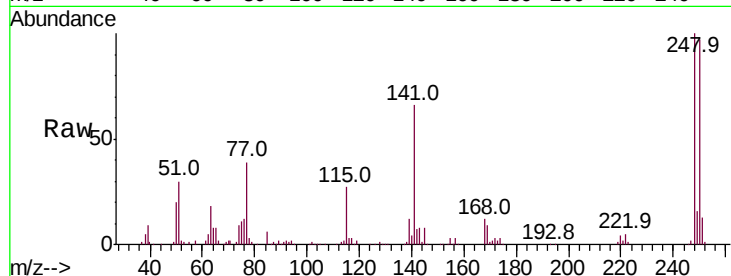
#67
 4-Bromophenyl-phenylether
 Concen: 43.101 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	73.4	110.2
141	65.8	52.9	79.3

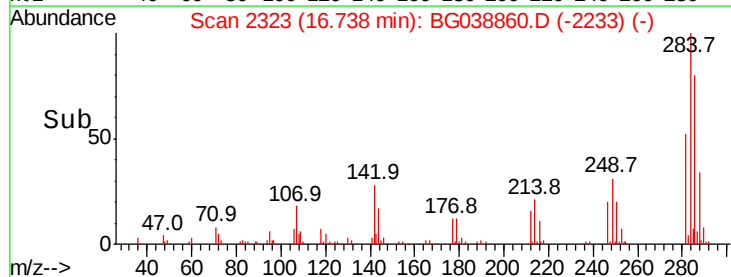
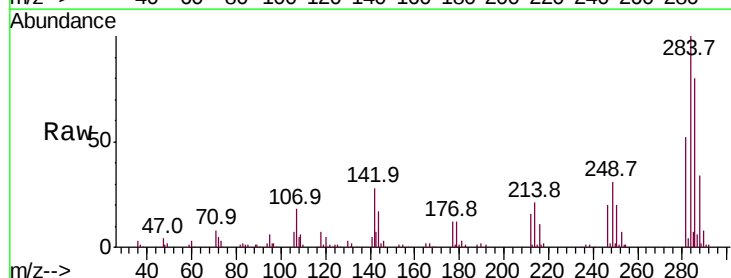
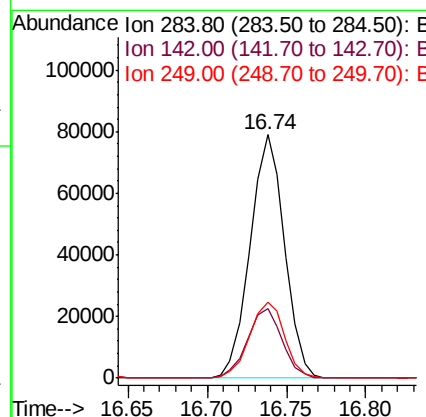
Manual Integrations
 APPROVED

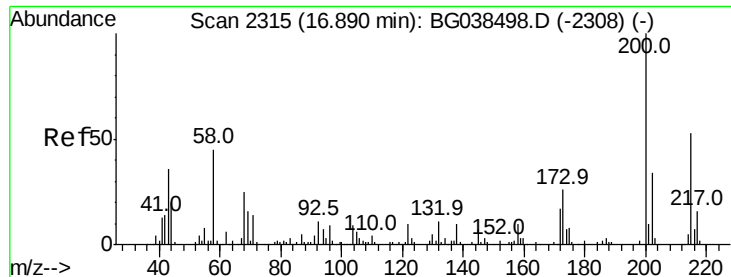
Sohil
 12/28/2018 4:03:26 PM



#68
 Hexachlorobenzene
 Concen: 43.355 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	25.8	38.6
249	33.5	27.0	40.4





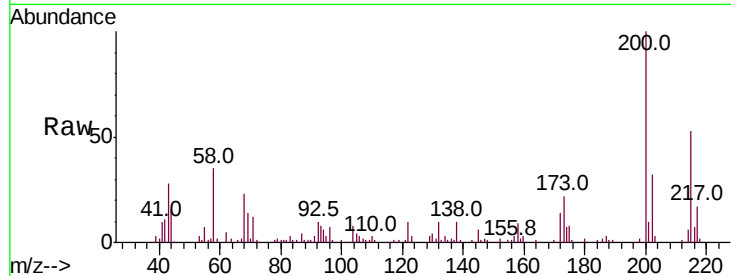
#69
 Atrazine
 Concen: 37.316 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. 0.00 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.9	5.9	45.9
215	52.8	33.1	73.1

Manual Integrations
 APPROVED

Sohil
 12/28/2018 4:03:26 PM

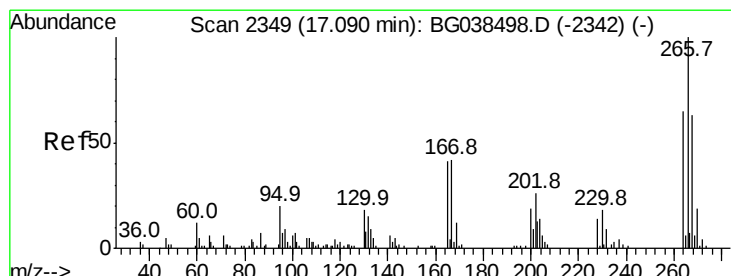
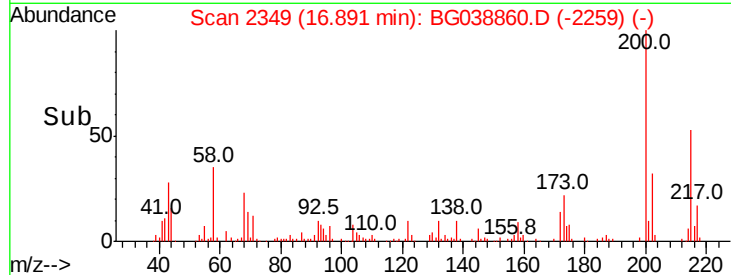
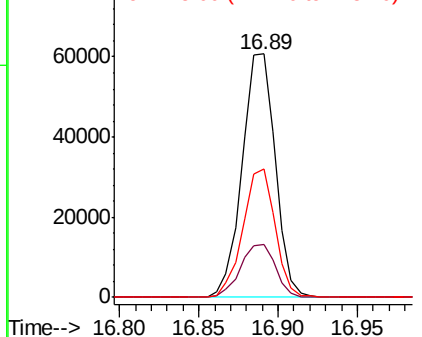


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 38.962 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. 0.00 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

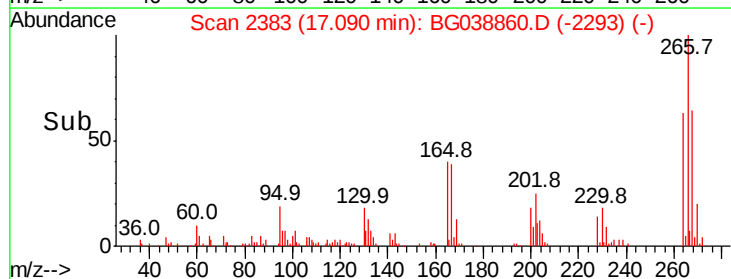
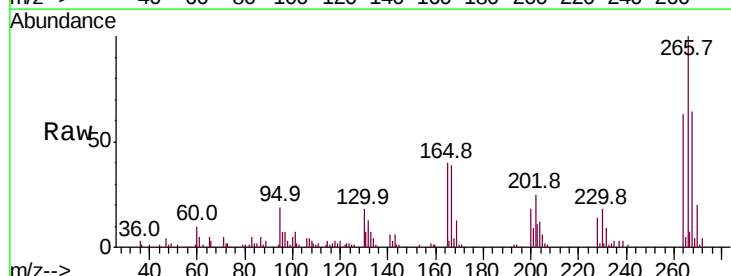
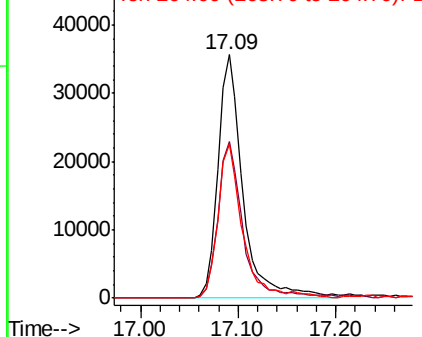
Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.3	55.0	82.6
264	68.0	56.7	85.1

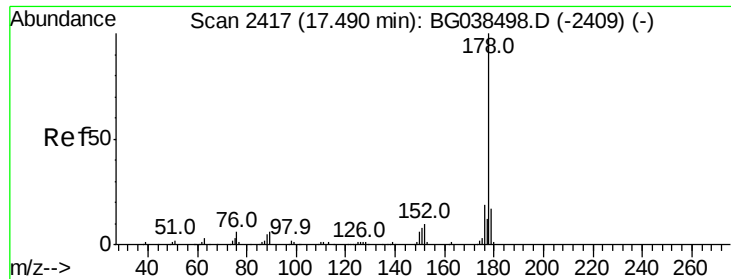
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.837 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

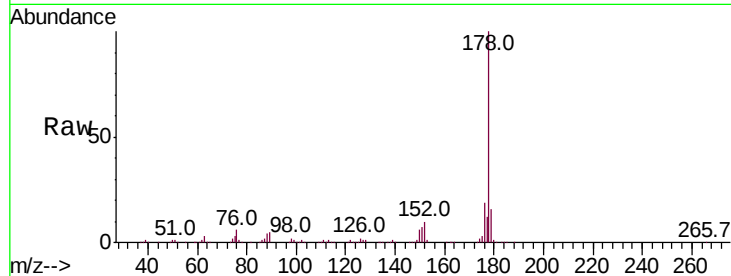
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.9	13.2	19.8

Manual Integrations
APPROVED

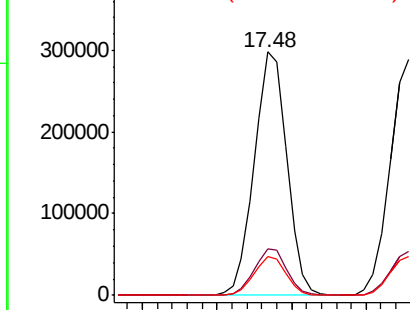
Sohil
12/28/2018 4:03:26 PM



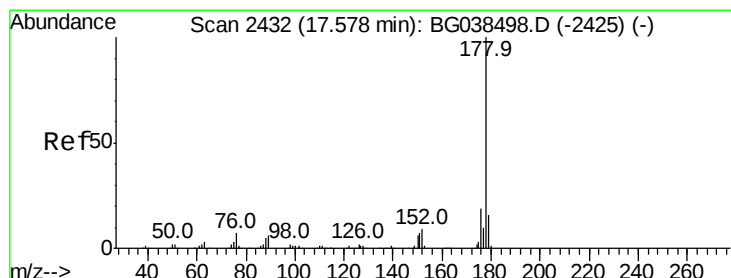
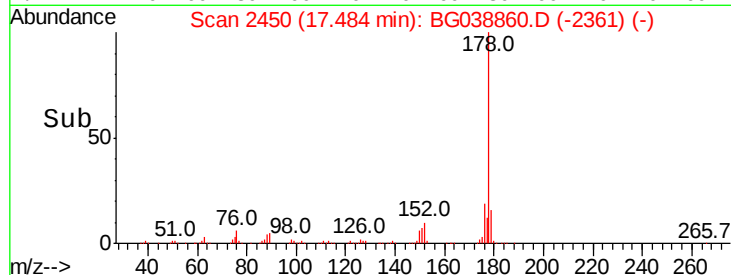
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 40.077 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG038860.D

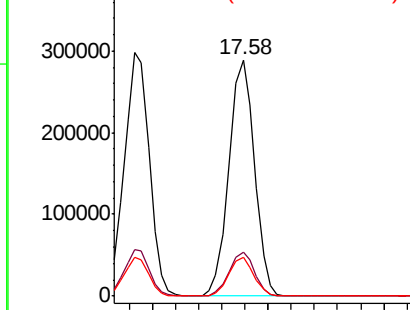
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	16.4	12.9	19.3

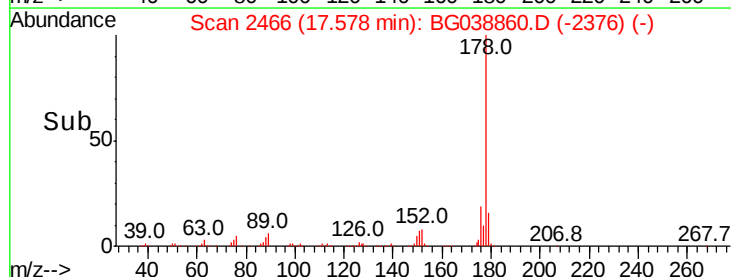
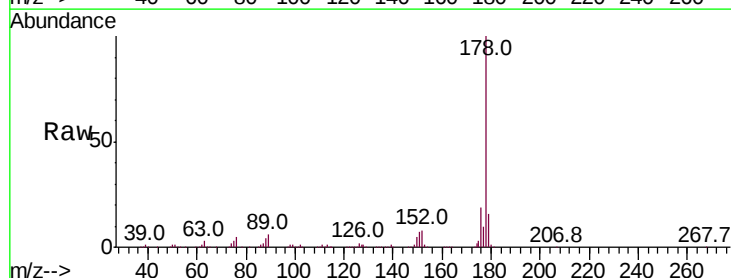
Abundance Ion 178.00 (177.70 to 178.70): E

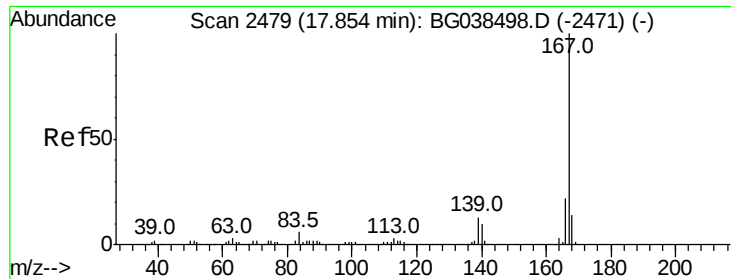
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





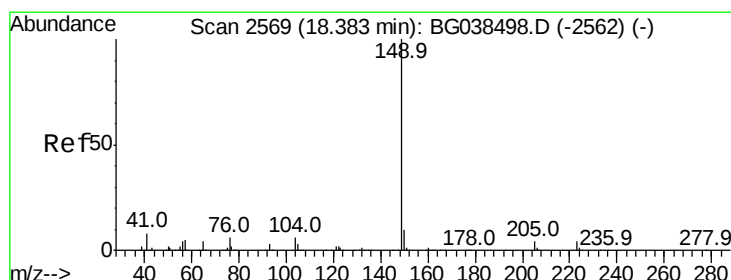
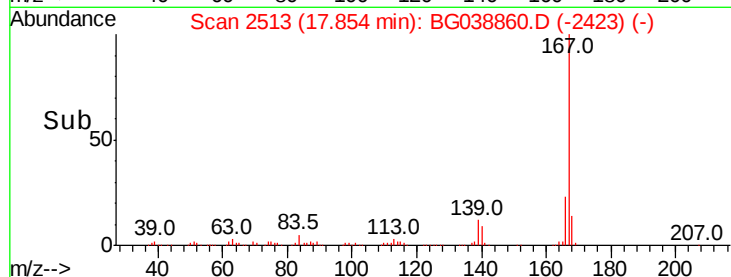
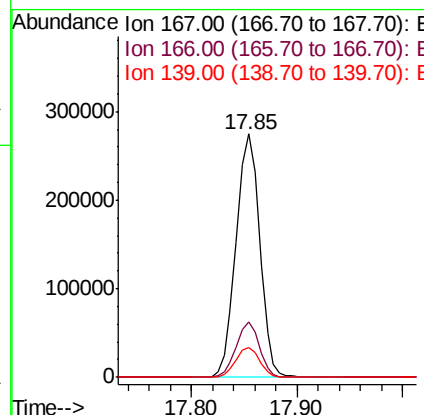
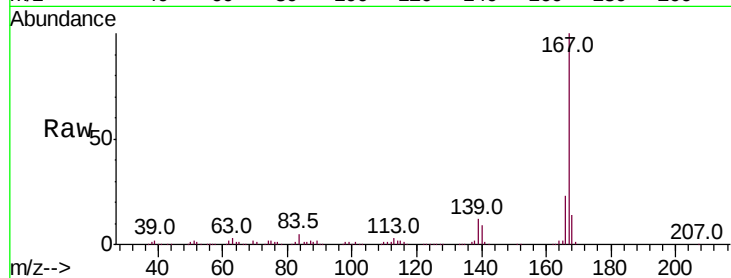
#73
 Carbazole
 Concen: 38.787 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.9	26.9
139	12.5	10.2	15.2

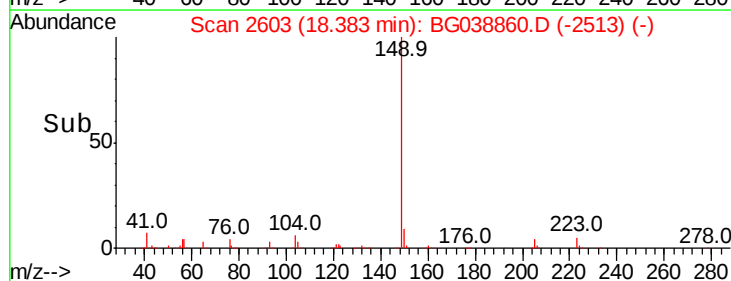
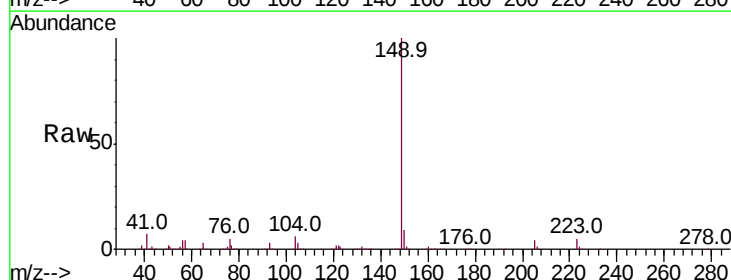
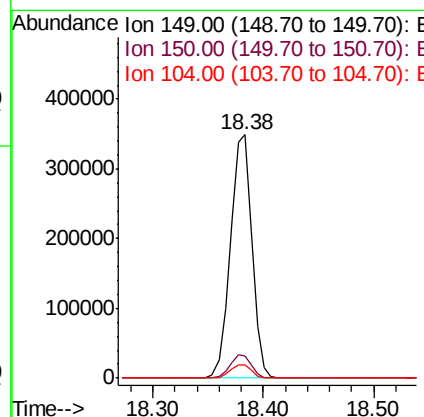
Manual Integrations
 APPROVED

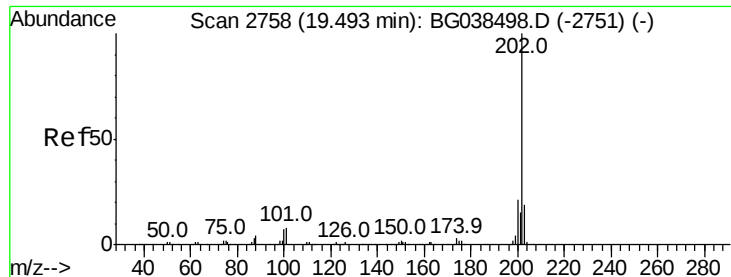
Sohil
 12/28/2018 4:03:26 PM



#74
 Di-n-butylphthalate
 Concen: 37.912 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038860.D
 Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.7	5.0	7.4





#75

Fluoranthene

Concen: 39.110 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

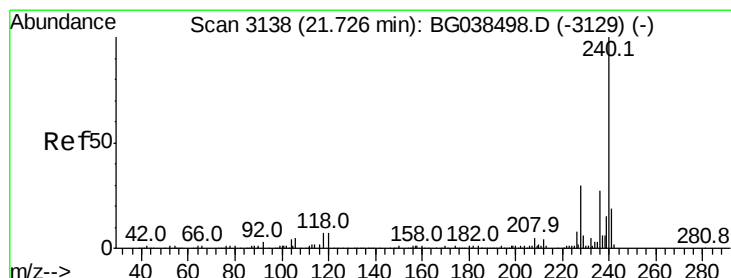
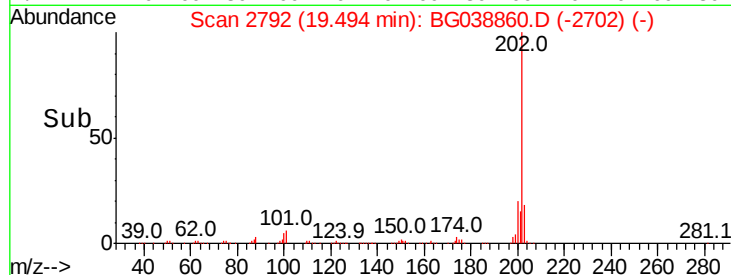
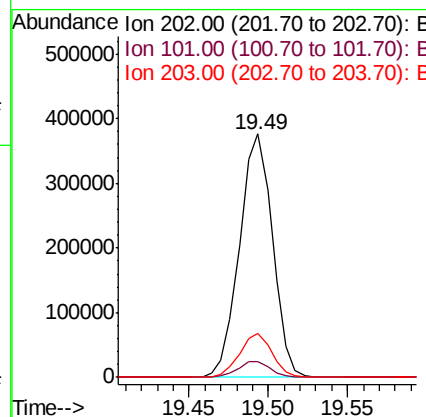
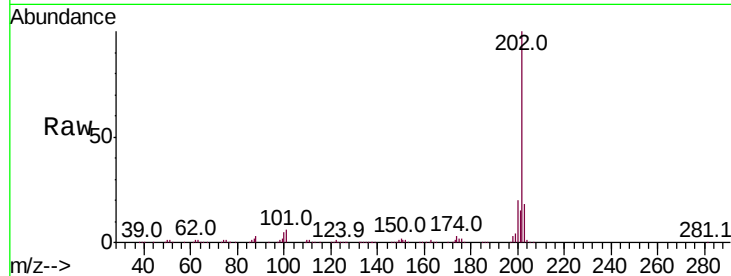
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	543671
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	28.1
203	17.8	0.0	39.0

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



#76

Chrysene-d12

Concen: 20.000 ng

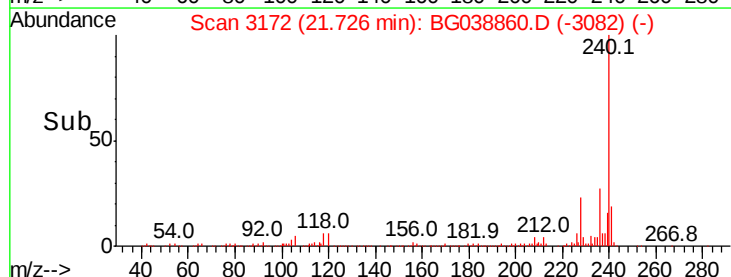
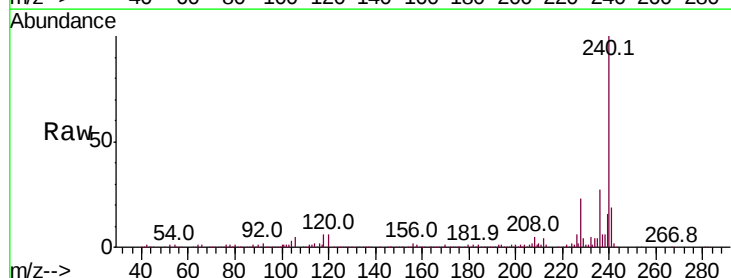
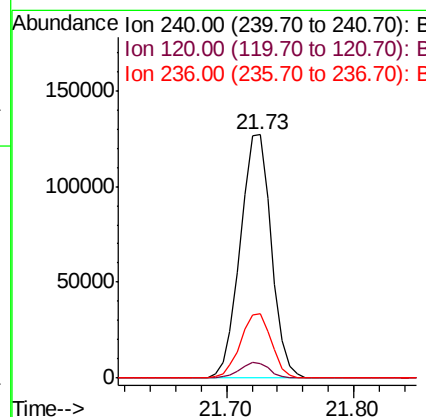
RT: 21.73 min Scan# 3172

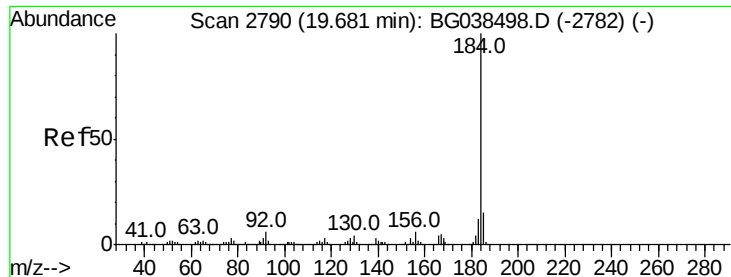
Delta R.T. 0.00 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Tgt Ion:	240	Resp:	215369
Ion Ratio	Lower	Upper	
240	100		
120	5.9	5.3	7.9
236	26.5	21.4	32.2





#77

Benzidine

Concen: 39.865 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

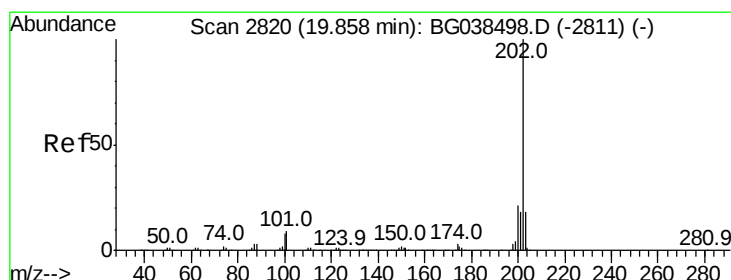
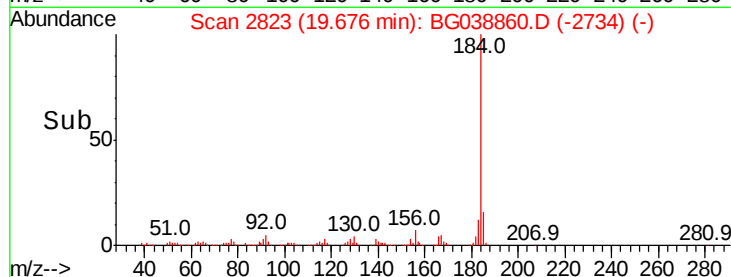
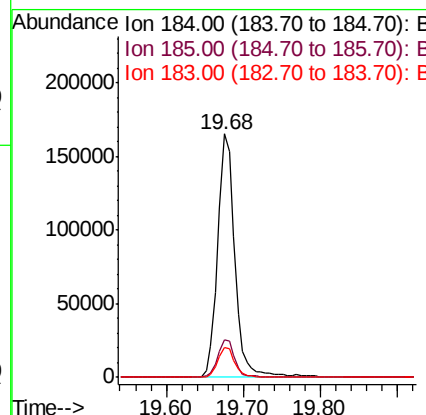
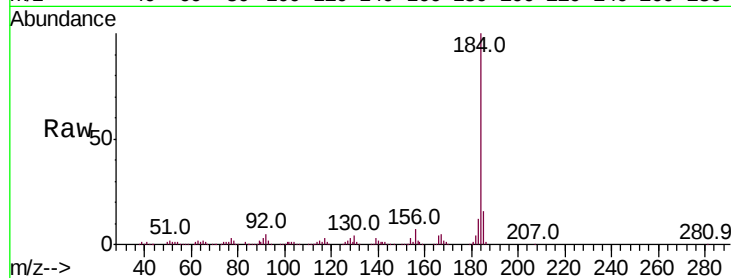
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	253915
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.2
183	12.2	9.6	14.4

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



#78

Pyrene

Concen: 38.502 ng

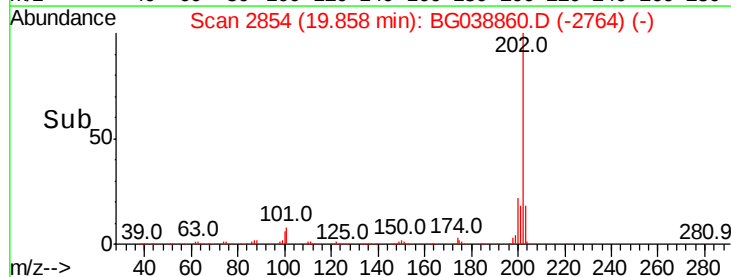
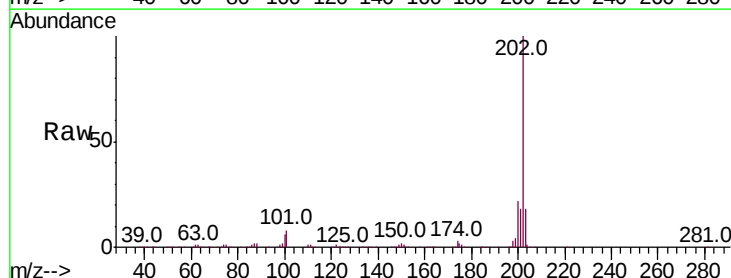
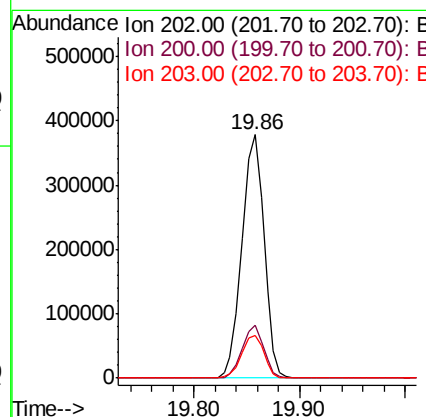
RT: 19.86 min Scan# 2854

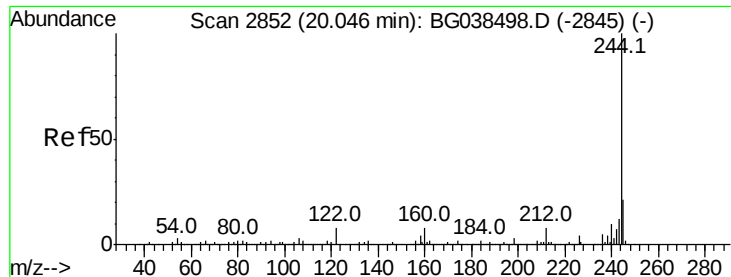
Delta R.T. 0.00 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Tgt Ion:	202	Resp:	547797
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.6	25.0
203	17.7	14.6	21.8





#79

Terphenyl-d14

Concen: 80.831 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

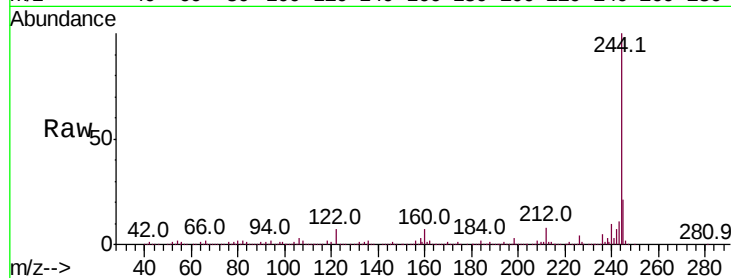
ClientSampleId :

SSTDCCC040

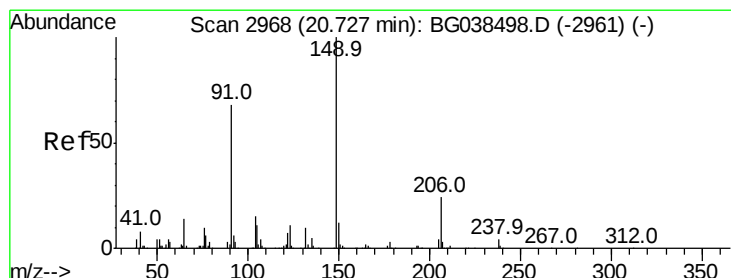
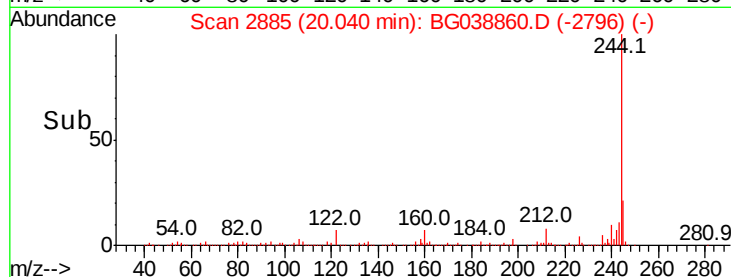
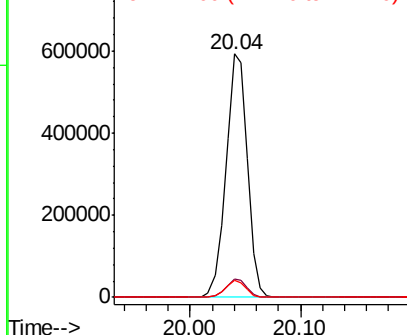
Tot Ion:	244	Resp:	799905
Ion Ratio		Lower	Upper
244	100		
212	7.6	6.2	9.2
122	7.0	6.3	9.5

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



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



#80

Butylbenzylphthalate

Concen: 38.366 ng

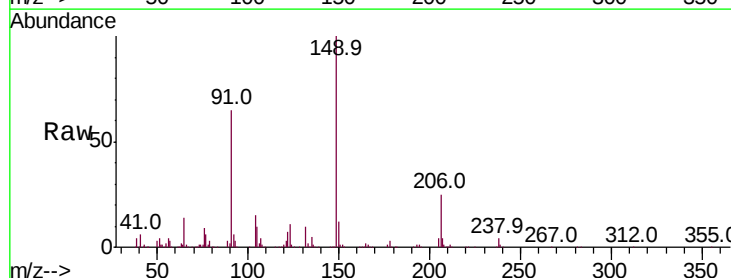
RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

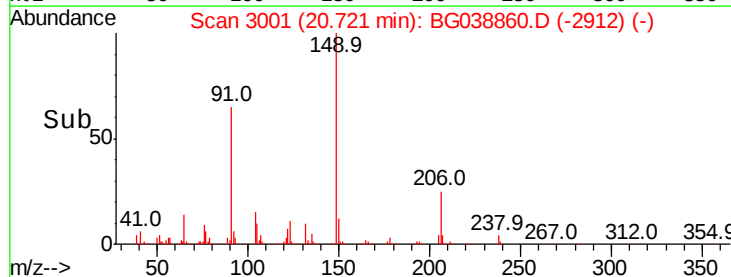
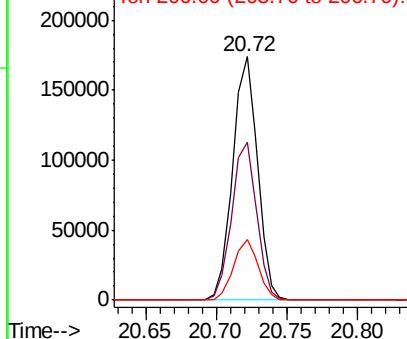
Lab File: BG038860.D

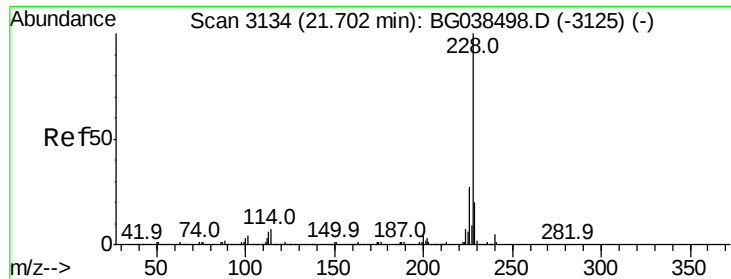
Acq: 28 Dec 2018 3:49

Tgt Ion:	149	Resp:	213262
Ion Ratio		Lower	Upper
149	100		
91	64.9	54.5	81.7
206	24.7	19.0	28.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





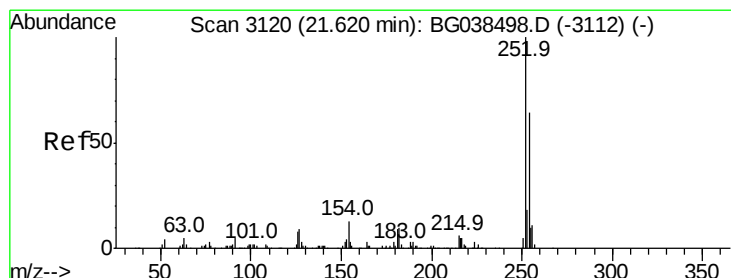
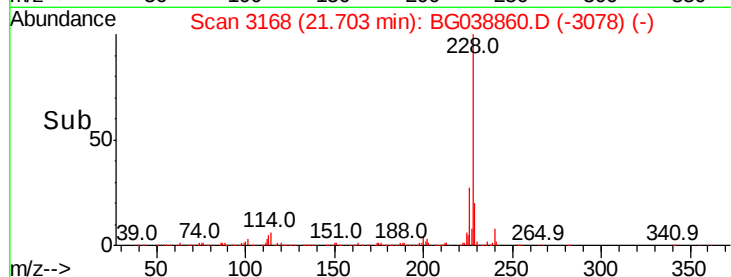
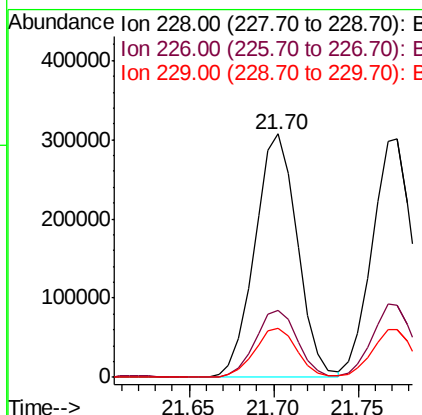
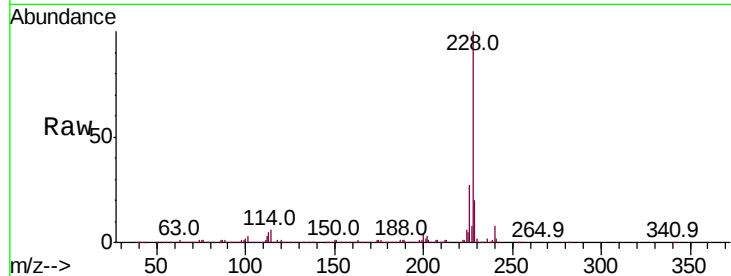
#81
Benzo(a)anthracene
Concen: 40.903 ng
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	20.4	15.8	23.6

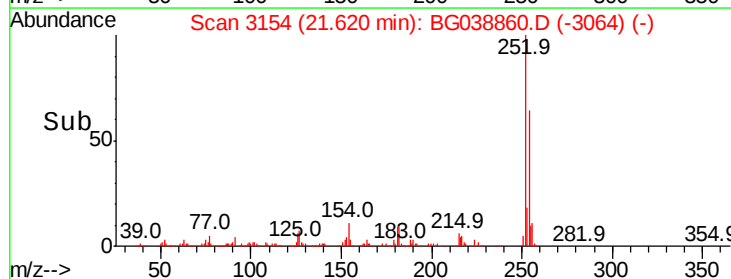
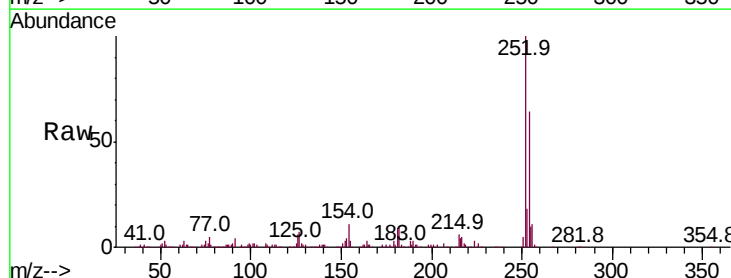
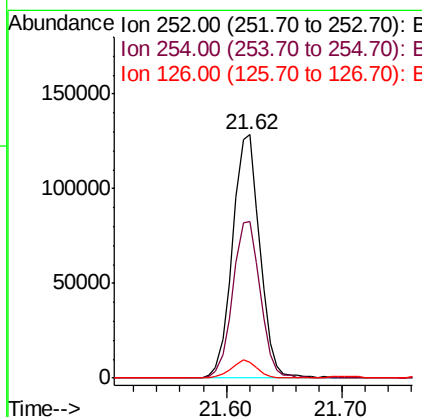
Manual Integrations
APPROVED

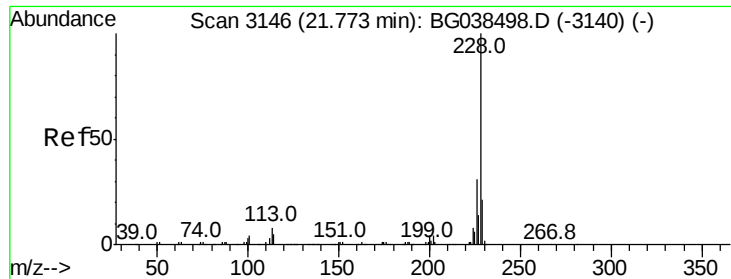
Sohil
12/28/2018 4:03:26 PM



#82
3,3'-Dichlorobenzidine
Concen: 40.510 ng
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.9	76.3
126	6.3	6.3	9.5#





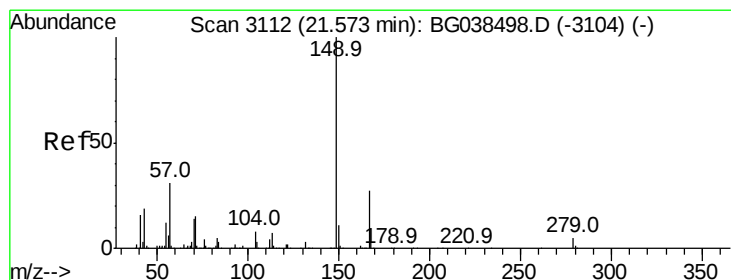
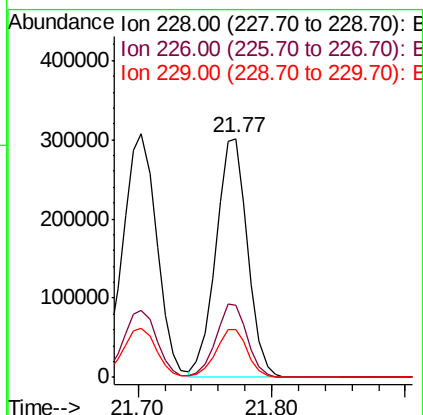
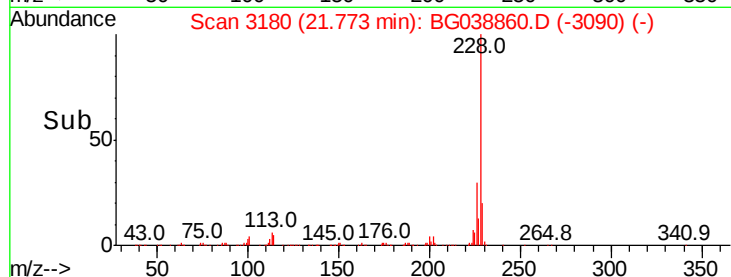
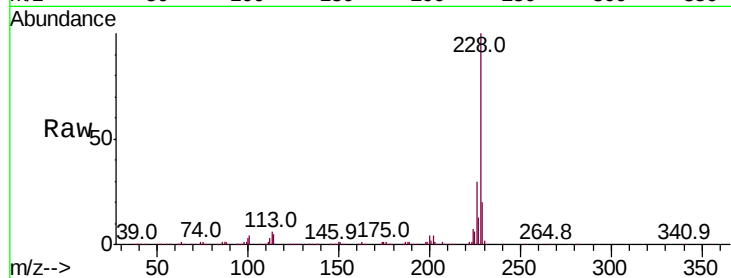
#83
Chrysene
Concen: 39.624 ng
RT: 21.77 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.4
229	20.2	16.5	24.7

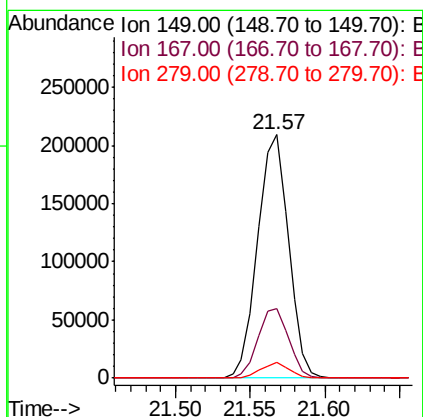
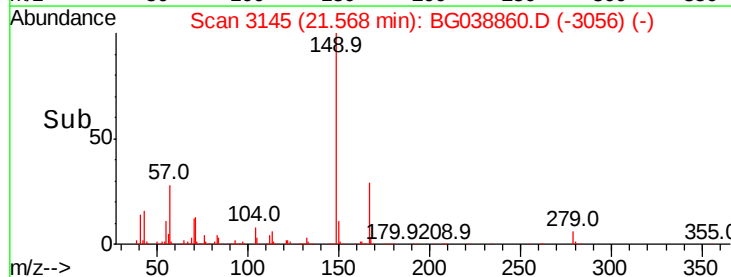
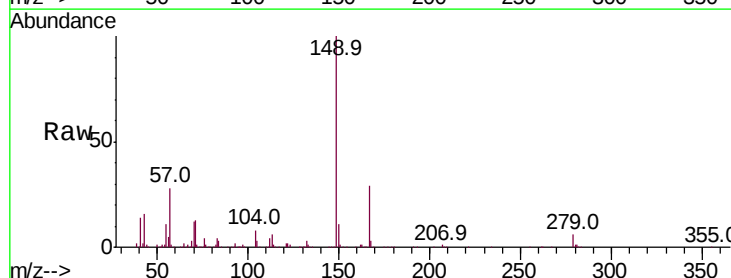
Manual Integrations
APPROVED

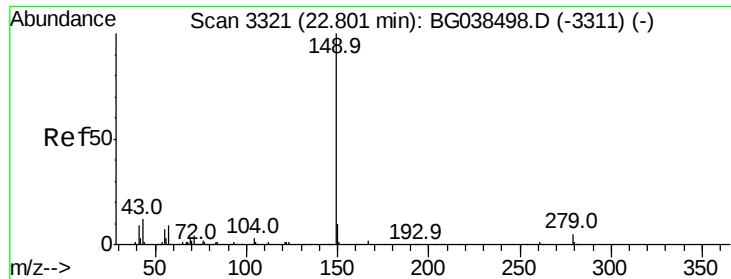
Sohil
12/28/2018 4:03:26 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.908 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.9	32.9
279	6.2	4.2	6.2#





#85

Di-n-octyl phthalate

Concen: 37.818 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

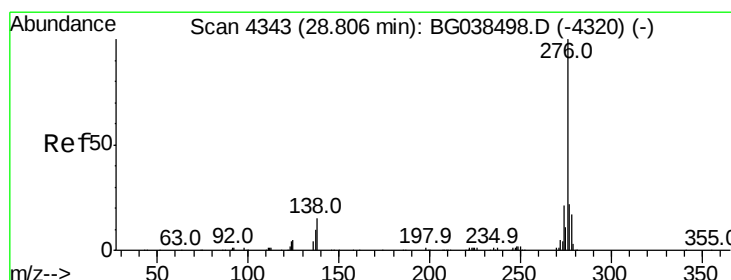
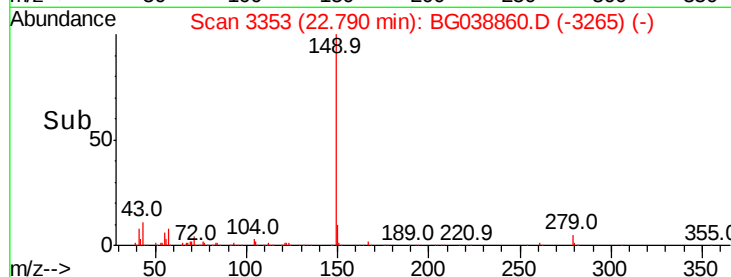
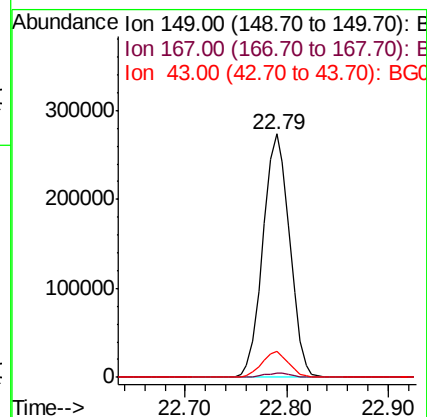
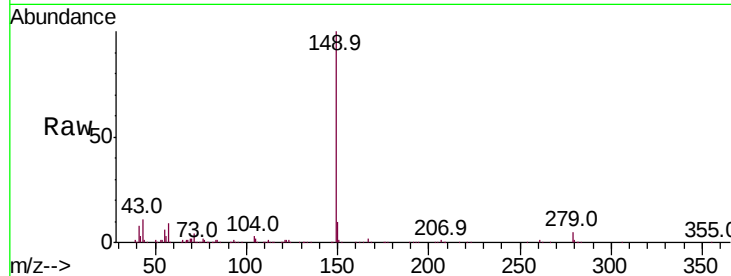
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	499315
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	10.5	9.3	13.9

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.511 ng

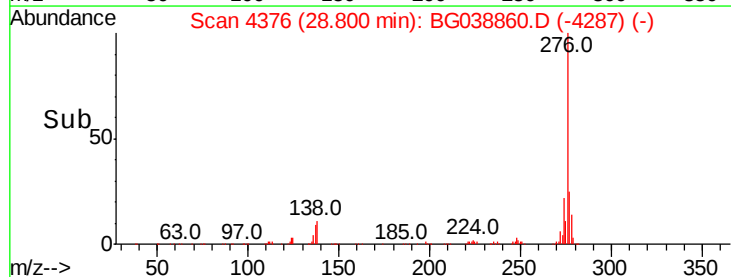
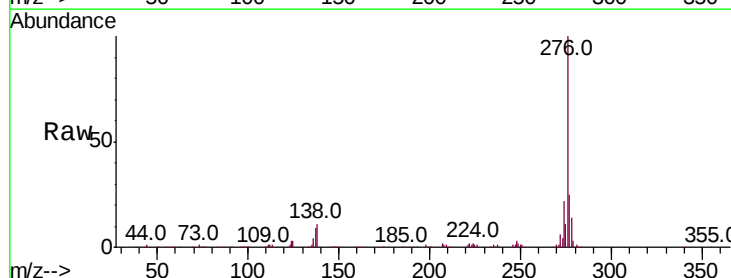
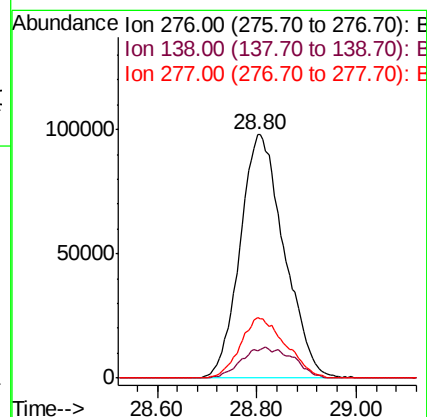
RT: 28.80 min Scan# 4376

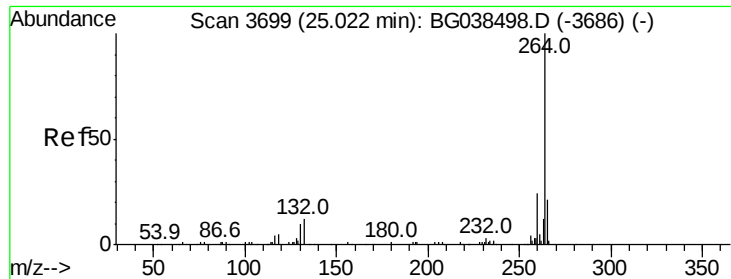
Delta R.T. -0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Tgt Ion:	276	Resp:	602028
Ion Ratio	Lower	Upper	
276	100		
138	8.5	14.4	21.6#
277	25.6	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Instrument :

BNA_G

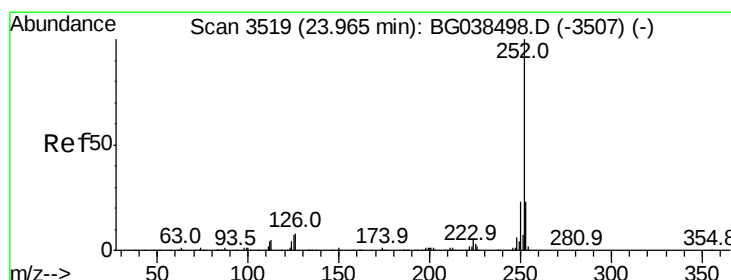
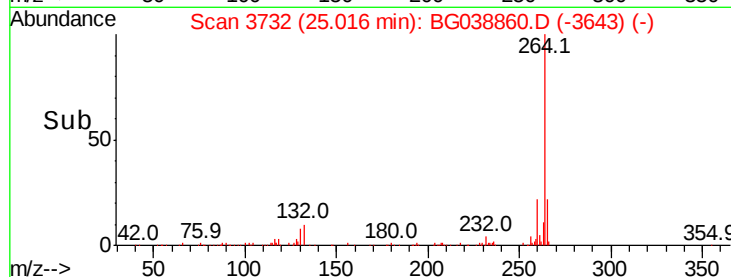
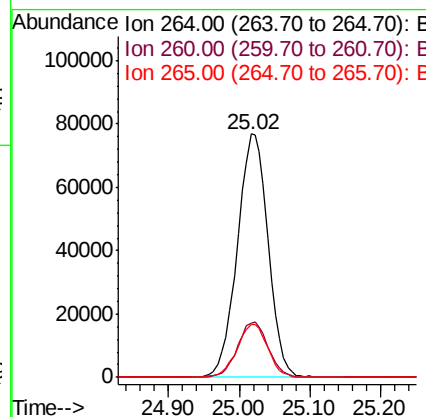
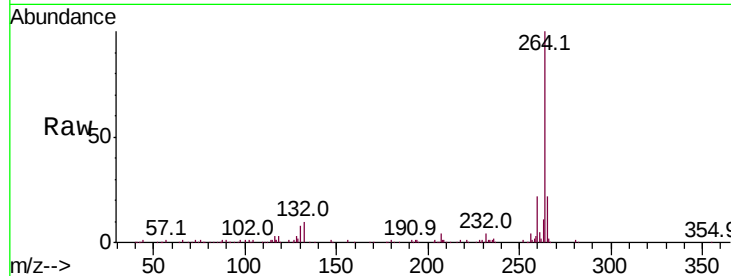
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	232327
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.9	28.3
265	21.5	17.0	25.4

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



#88

Benzo(b)fluoranthene

Concen: 41.267 ng

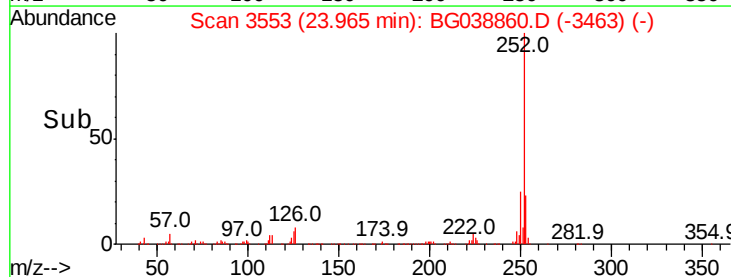
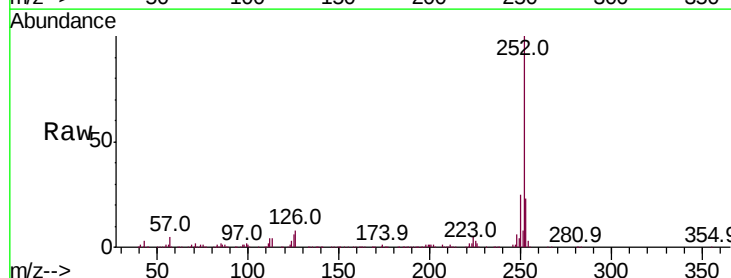
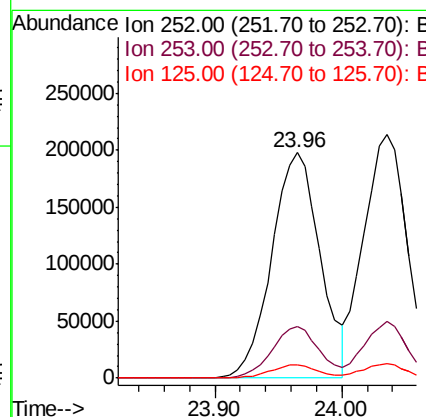
RT: 23.96 min Scan# 3553

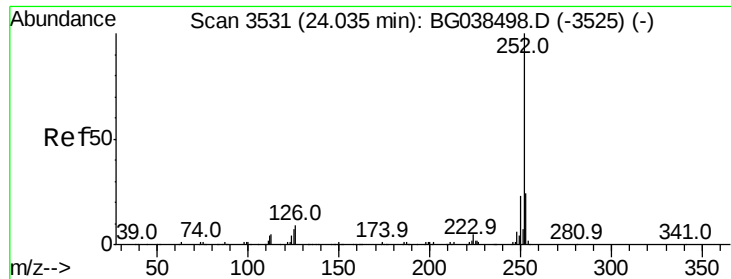
Delta R.T. 0.00 min

Lab File: BG038860.D

Acq: 28 Dec 2018 3:49

Tgt Ion:	252	Resp:	526395
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	6.0	5.5	8.3





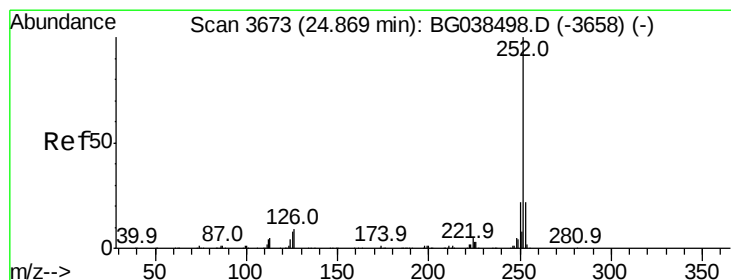
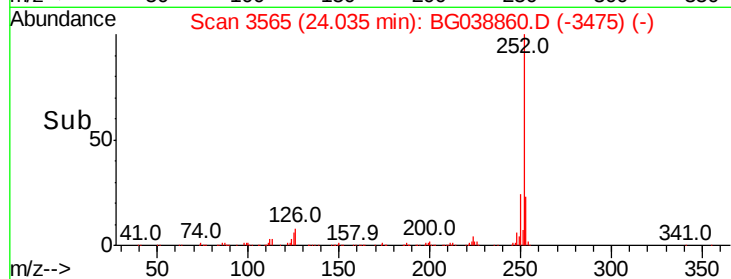
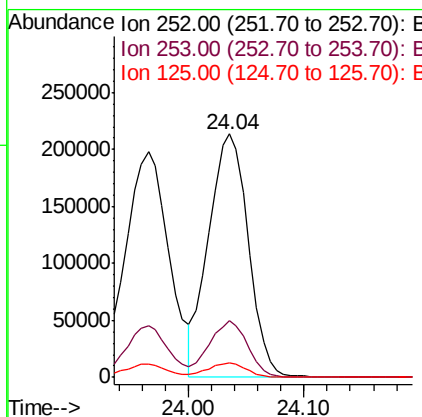
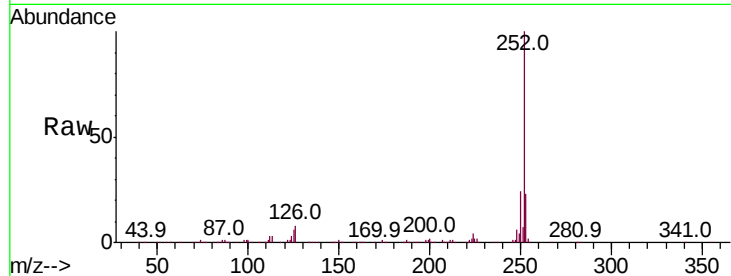
#89
Benzo(k)fluoranthene
Concen: 40.055 ng
RT: 24.04 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	5.9	5.4	8.2

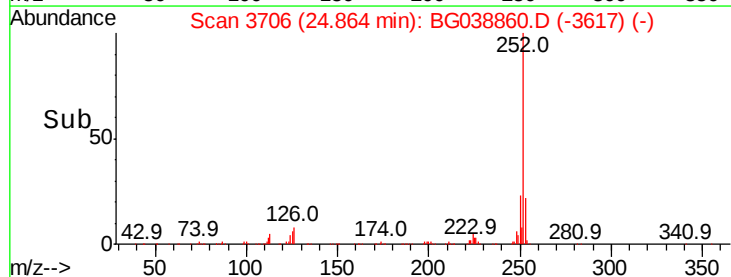
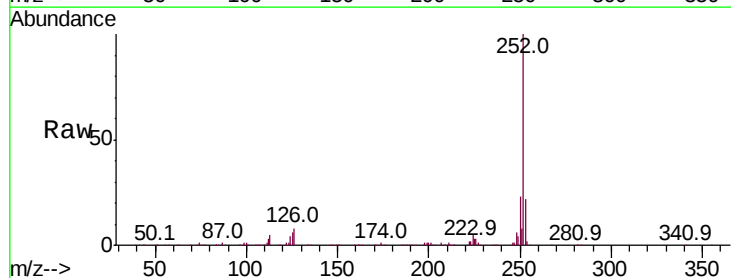
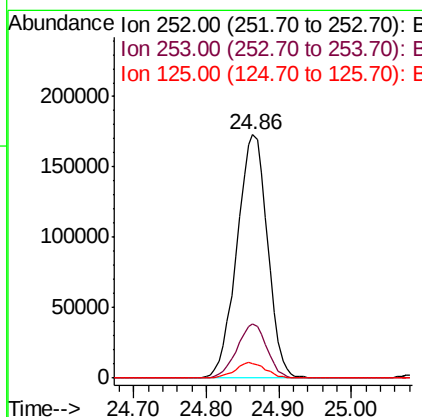
Manual Integrations
APPROVED

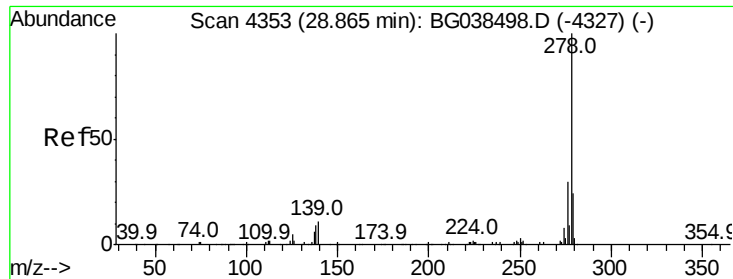
Sohil
12/28/2018 4:03:26 PM



#90
Benzo(a)pyrene
Concen: 41.166 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	6.1	6.4	9.6#





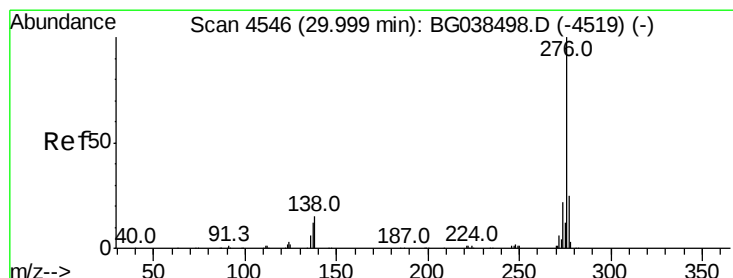
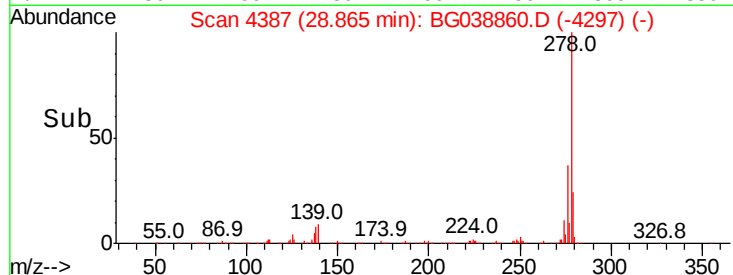
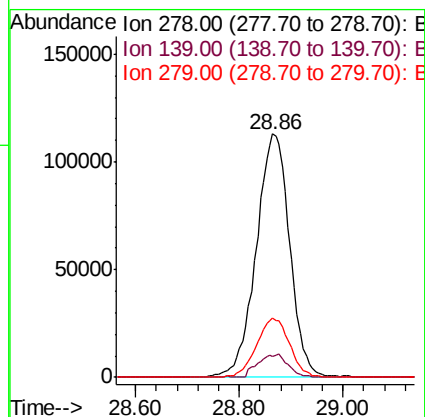
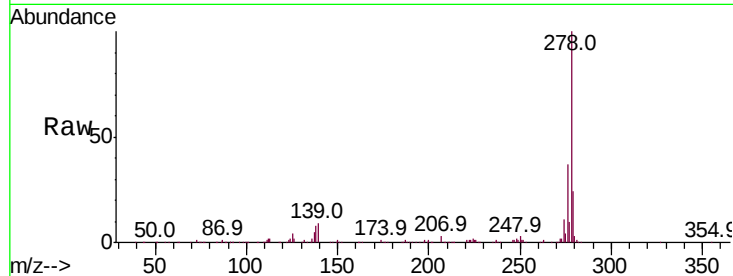
#91
Dibenzo(a,h)anthracene
Concen: 41.435 ng
RT: 28.86 min Scan# 4387
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	8.6	12.8
279	24.4	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:26 PM



#92
Benzo(g,h,i)perylene
Concen: 41.079 ng
RT: 30.00 min Scan# 4580
Delta R.T. 0.00 min
Lab File: BG038860.D
Acq: 28 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.8	29.8
138	12.9	11.8	17.6

