

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038844.D
 Acq On : 27 Dec 2018 15:25
 Operator : JU/SJ
 Sample : PB116010BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Manual Integrations
 APPROVED

Sohil
 12/28/2018 4:03:21 PM

Quant Time: Dec 28 00:47:25 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	19532	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	81038	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61011	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	164678	20.00	ng	0.00
76) Chrysene-d12	21.72	240	164056	20.00	ng	0.00
87) Perylene-d12	25.02	264	175580	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	137225	124.61	ng	0.00
7) Phenol-d6	7.21	99	190965	126.32	ng	0.00
23) Nitrobenzene-d5	9.23	82	97215	61.29	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	123170	146.48	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	284674	64.01	ng	0.00
79) Terphenyl-d14	20.04	244	627069	83.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	21224	41.411	ng	93
3) Pyridine	3.89	79	42813	30.340	ng	96
4) n-Nitrosodimethylamine	3.81	42	25550	36.953	ng	89
6) Aniline	7.38	93	61494	31.864	ng	97
8) 2-Chlorophenol	7.61	128	59413	46.621	ng	93
9) Benzaldehyde	7.20	77	14708	14.997	ng	94
10) Phenol	7.24	94	75454	46.979	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	45319	35.441	ng	94
12) 1,3-Dichlorobenzene	7.94	146	58921	39.103	ng	98
13) 1,4-Dichlorobenzene	8.09	146	60498	39.203	ng	99
14) 1,2-Dichlorobenzene	8.41	146	58081	39.922	ng	98
15) Benzyl Alcohol	8.30	79	52761	44.713	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	97039	33.128	ng	95
17) 2-Methylphenol	8.49	107	52680	48.956	ng	98
18) Hexachloroethane	9.13	117	21160	37.524	ng	87
19) n-Nitroso-di-n-propylamine	8.86	70	42121	39.670	ng	92
20) 3+4-Methylphenols	8.83	107	72893	49.050	ng	96
22) Acetophenone	8.89	105	83515	41.259	ng	# 95
24) Nitrobenzene	9.28	77	63171	39.366	ng	98
25) Isophorone	9.79	82	120177	42.166	ng	97
26) 2-Nitrophenol	9.99	139	35519	43.246	ng	# 88
27) 2,4-Dimethylphenol	10.03	122	63218	53.707	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	68525	42.605	ng	97
29) 2,4-Dichlorophenol	10.52	162	70480	53.822	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	68884	43.549	ng	99
31) Naphthalene	10.92	128	183394	45.931	ng	99
32) Benzoic acid	10.18	122	31417	43.286	ng	# 89
33) 4-Chloroaniline	11.04	127	50063	28.880	ng	95
34) Hexachlorobutadiene	11.19	225	46256	43.218	ng	93
35) Caprolactam	11.83	113	25266	46.622	ng	# 84
36) 4-Chloro-3-methylphenol	12.15	107	73581	49.239	ng	93
37) 2-Methylnaphthalene	12.52	142	143183	50.266	ng	98
38) 1-Methylnaphthalene	12.74	142	138629	50.153	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	90359	39.621	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038844.D
 Acq On : 27 Dec 2018 15:25
 Operator : JU/SJ
 Sample : PB116010BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

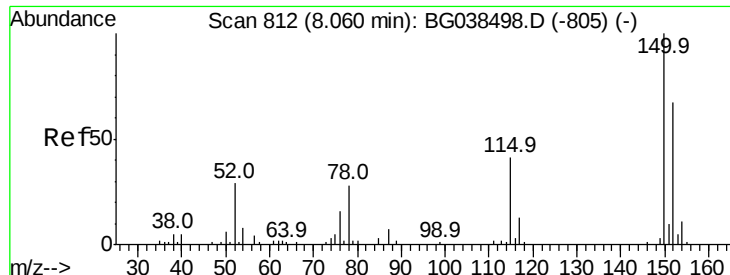
Manual Integrations
 APPROVED

Sohil
 12/28/2018 4:03:21 PM

Quant Time: Dec 28 00:47:25 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	111185	88.740	nq	95
43) 2,4,6-Trichlorophenol	13.13	196	65924	47.013	nq	98
44) 2,4,5-Trichlorophenol	13.21	196	73457	49.478	nq	95
46) 1,1'-Biphenyl	13.52	154	195275	38.179	nq	99
47) 2-Chloronaphthalene	13.58	162	161267	40.819	nq	99
48) 2-Nitroaniline	13.79	65	51967	41.295	nq	92
49) Acenaphthylene	14.42	152	267598	45.307	nq	99
50) Dimethylphthalate	14.14	163	220633	44.283	nq	100
51) 2,6-Dinitrotoluene	14.28	165	50300	44.549	nq	90
52) Acenaphthene	14.76	154	152150	43.080	nq	95
53) 3-Nitroaniline	14.62	138	37833	32.870	nq	90
54) 2,4-Dinitrophenol	14.82	184	52868	78.779	nq	98
55) Dibenzofuran	15.09	168	266808	44.071	nq	97
56) 4-Nitrophenol	14.92	139	77421	88.668	nq	97
57) 2,4-Dinitrotoluene	15.06	165	73626	46.298	nq	91
58) Fluorene	15.74	166	218105	48.627	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	69796	52.253	nq	95
60) Diethylphthalate	15.50	149	231421	42.311	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	123918	44.280	nq	98
62) 4-Nitroaniline	15.78	138	55109	46.508	nq	93
63) Azobenzene	16.02	77	186515	40.820	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	46506	39.589	nq	84
66) n-Nitrosodiphenylamine	15.94	169	204051	42.171	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	87279	43.397	nq	99
68) Hexachlorobenzene	16.74	284	91289	43.787	nq	96
69) Atrazine	16.88	200	84808	47.229	nq	98
70) Pentachlorophenol	17.09	266	93913	76.157	nq	91
71) Phenanthrene	17.48	178	390801	45.763	nq	99
72) Anthracene	17.58	178	402875	47.788	nq	98
73) Carbazole	17.85	167	353327	42.378	nq	98
74) Di-n-butylphthalate	18.38	149	403001	42.125	nq	99
75) Fluoranthene	19.49	202	480024	45.431	nq	97
77) Benzidine	19.68	184	218979	45.134	nq	100
78) Pyrene	19.86	202	474412	43.773	nq	100
80) Butylbenzylphthalate	20.72	149	172111	40.647	nq	96
81) Benzo(a)anthracene	21.70	228	452083	45.223	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	130322	32.870	nq	99
83) Chrysene	21.77	228	419354	43.552	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	239110	39.816	nq	97
85) Di-n-octyl phthalate	22.79	149	405958	40.364	nq	97
86) Indeno(1,2,3-cd)pyrene	28.80	276	516627	45.637	nq	# 92
88) Benzo(b)fluoranthene	23.96	252	441373m	45.785	nq	
89) Benzo(k)fluoranthene	24.03	252	437575	45.583	nq	98
90) Benzo(a)pyrene	24.86	252	440006	47.312	nq	# 98
91) Dibenzo(a,h)anthracene	28.86	278	432272	46.682	nq	98
92) Benzo(g,h,i)perylene	30.00	276	429656	47.082	nq	# 94

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



#1

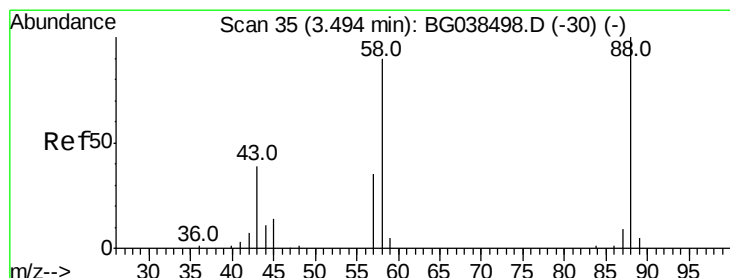
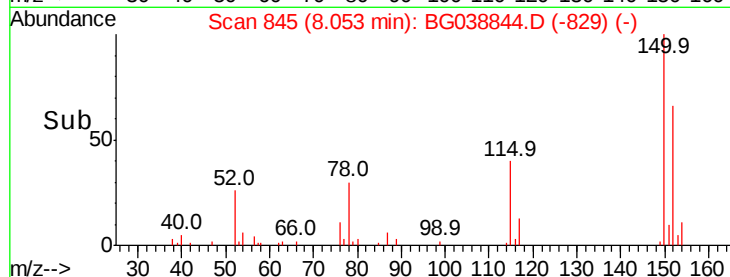
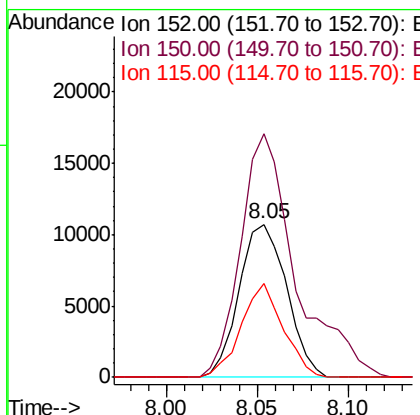
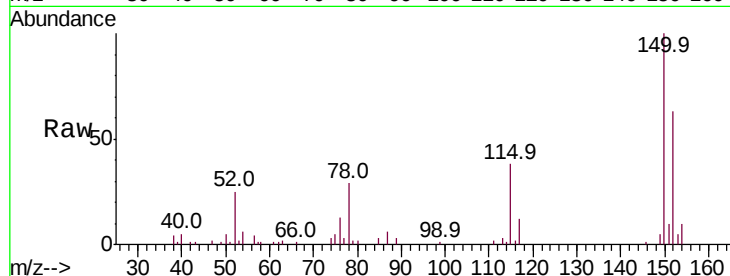
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	119.5	179.3
115	61.1	49.6	74.4

Manual Integrations
APPROVED

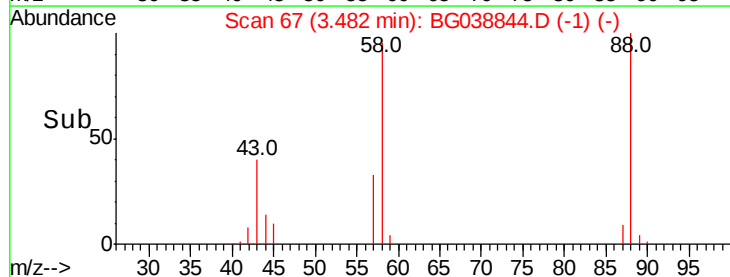
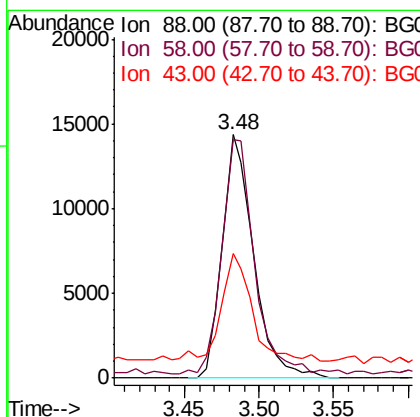
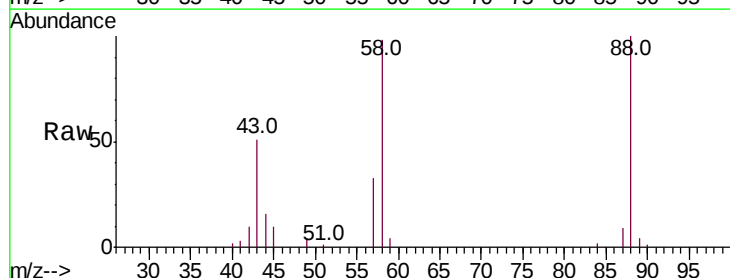
Sohil
12/28/2018 4:03:21 PM

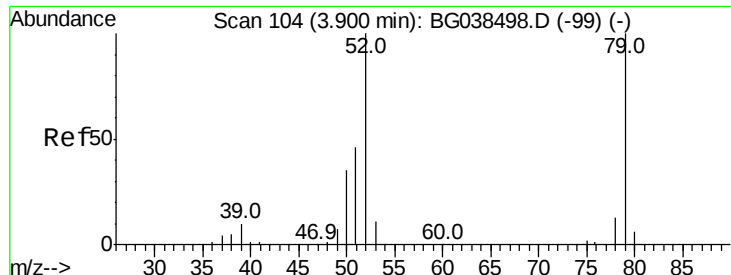


#2

1,4-Dioxane
Concen: 41.411 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.2	75.7	113.5
43	43.1	31.6	47.4





#3

Pvridine

Concen: 30.340 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

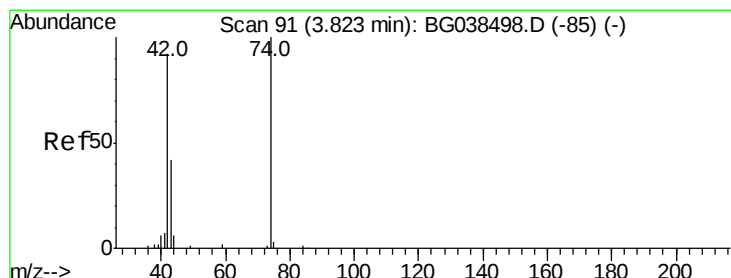
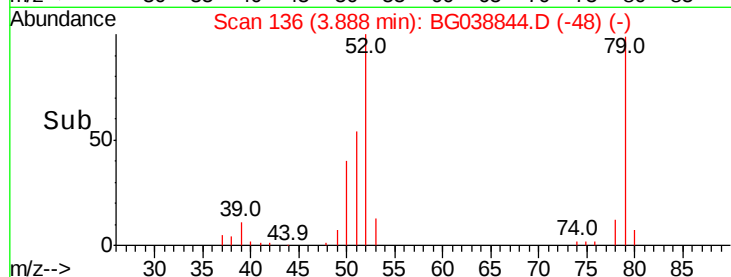
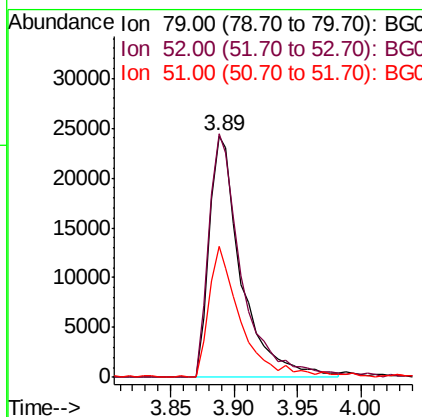
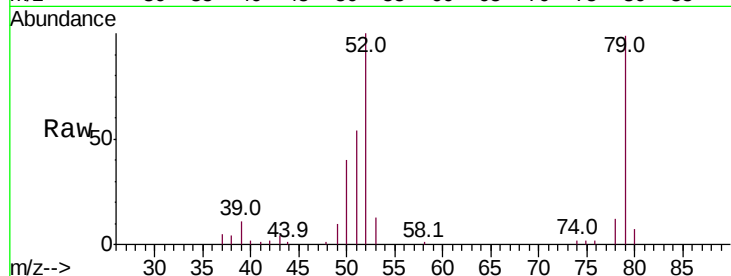
ClientSampleId :

PB116010BS

Tot Ion:	79	Resp:	42813
Ion	Ratio	Lower	Upper
79	100		
52	100.9	80.2	120.2
51	54.4	38.0	57.0

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#4

n-Nitrosodimethylamine

Concen: 36.953 ng

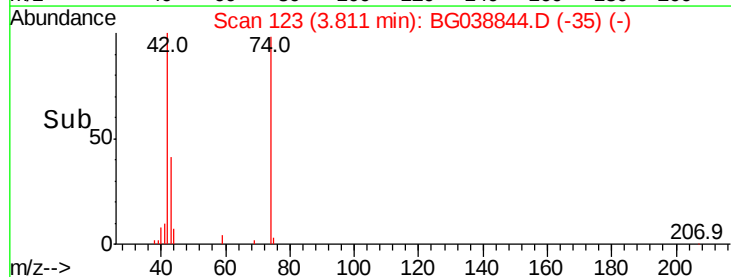
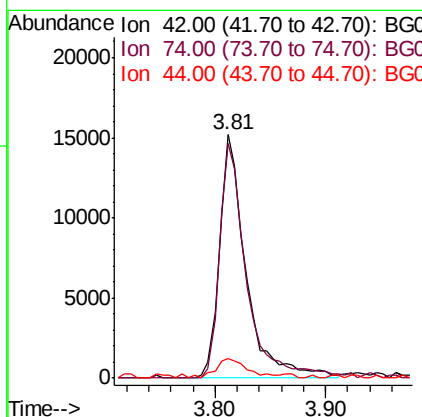
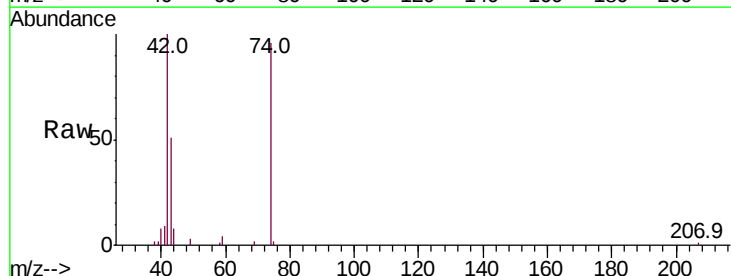
RT: 3.81 min Scan# 123

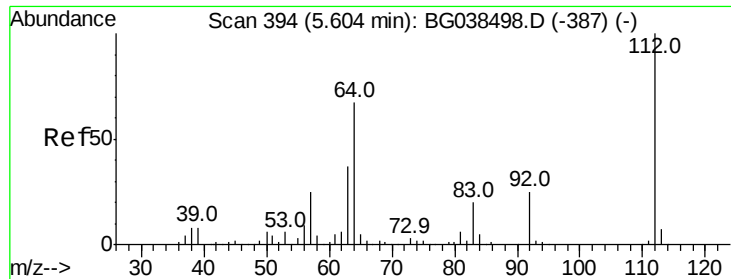
Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion:	42	Resp:	25550
Ion	Ratio	Lower	Upper
42	100		
74	96.3	86.7	130.1
44	7.9	7.8	11.8





#5

2-Fluorophenol

Concen: 124.611 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

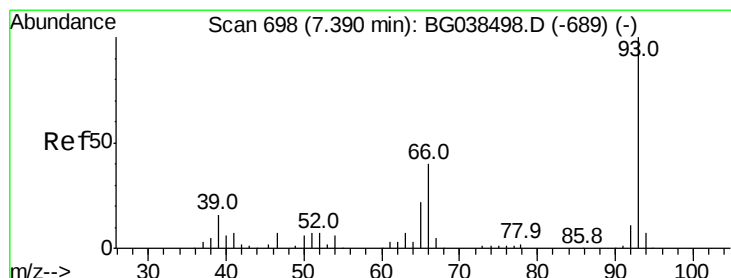
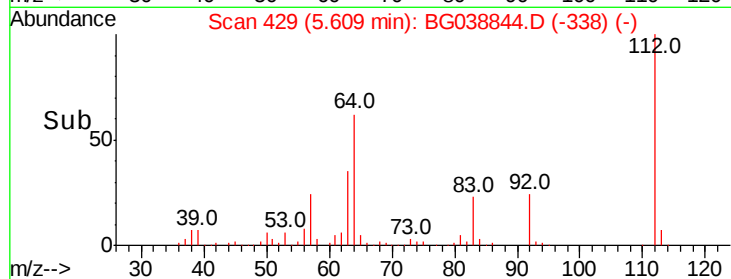
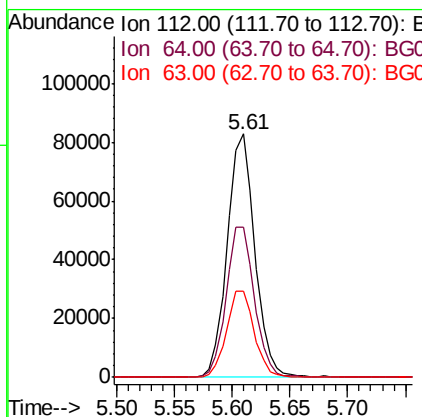
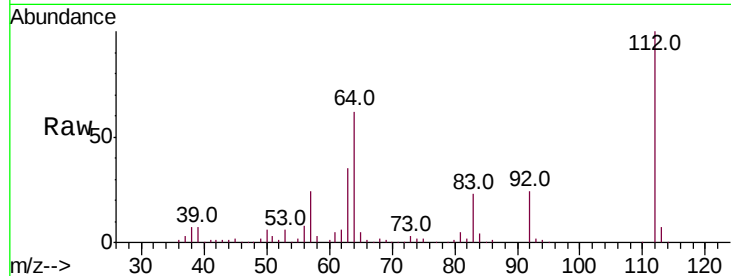
ClientSampleId :

PB116010BS

Tot Ion:	112	Resp:	137225
Ion Ratio	Lower	Upper	
112	100		
64	61.7	53.4	80.2
63	35.1	29.3	43.9

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#6

Aniline

Concen: 31.864 ng

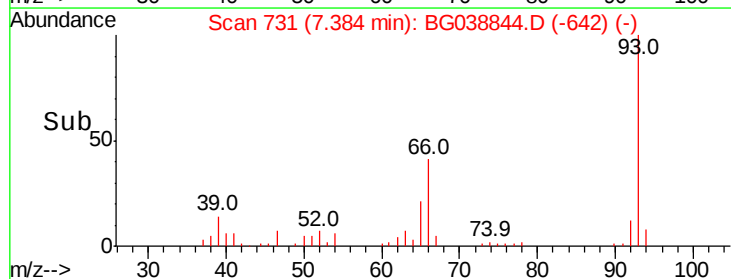
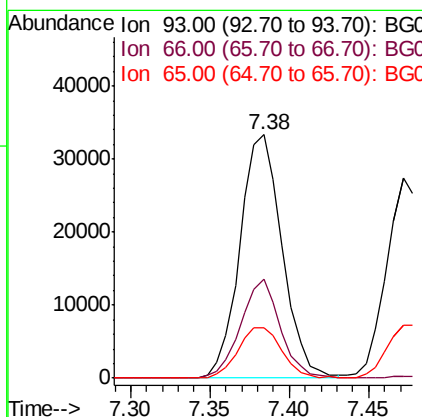
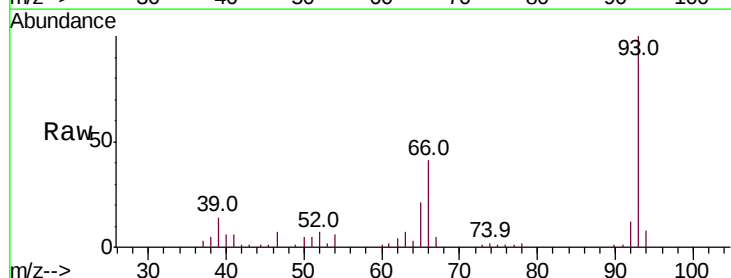
RT: 7.38 min Scan# 731

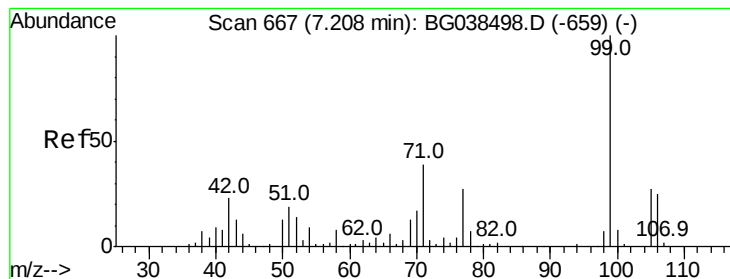
Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion:	93	Resp:	61494
Ion Ratio	Lower	Upper	
93	100		
66	40.9	31.7	47.5
65	20.6	17.8	26.6





#7

Phenol-d6

Concen: 126.318 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

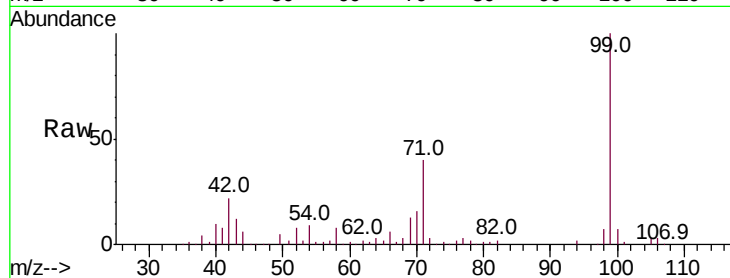
ClientSampleId :

PB116010BS

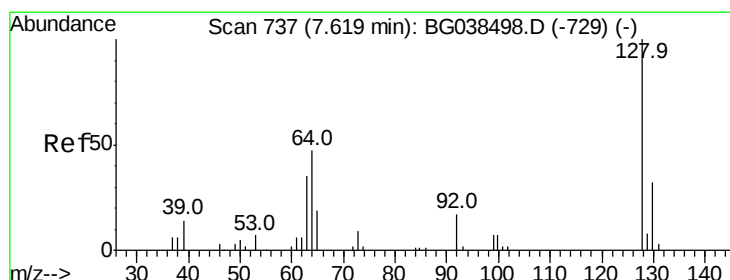
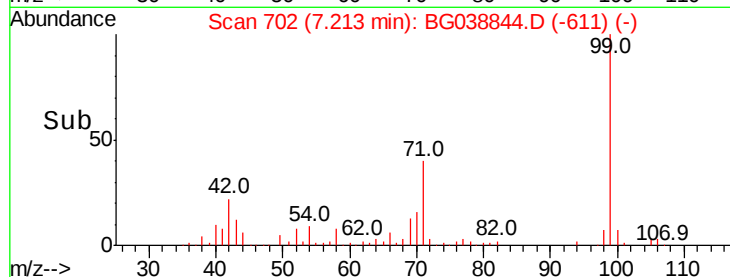
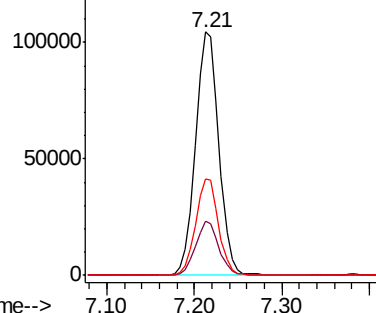
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		190965		
42	22.4	18.5	27.7		
71	39.8	31.1	46.7		

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



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



#8

2-Chlorophenol

Concen: 46.621 ng

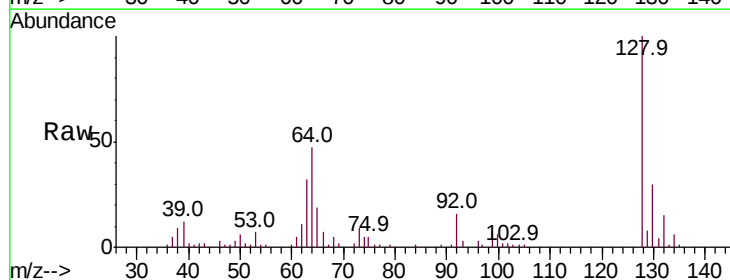
RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

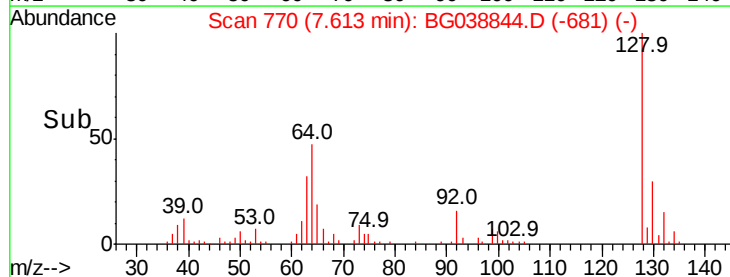
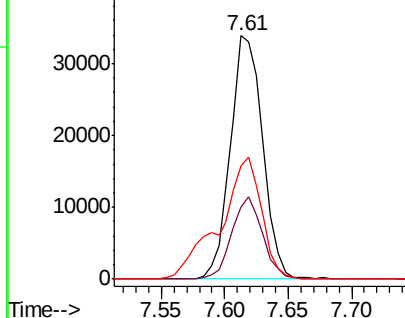
Lab File: BG038844.D

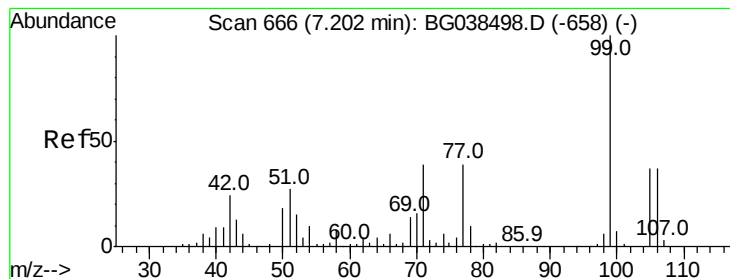
Acq: 27 Dec 2018 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		59413		
130	29.5	11.8	51.8		
64	46.7	33.2	73.2		



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





#9

Benzaldehyde

Concen: 14.997 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleID :

PB116010BS

Tot Ion: 77 Resp: 14708

Ion Ratio Lower Upper

77 100

105 99.6 74.0 114.0

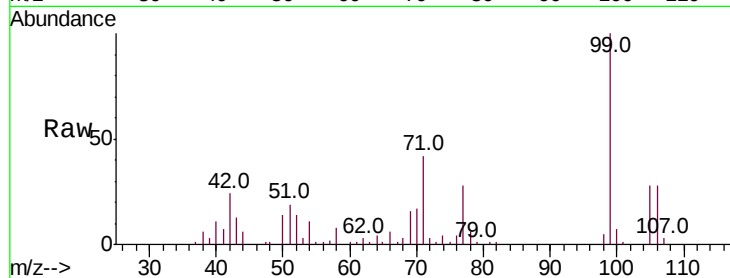
106 99.4 73.9 113.9

Manual Integrations

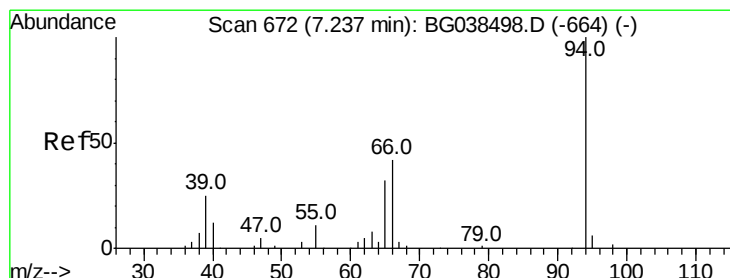
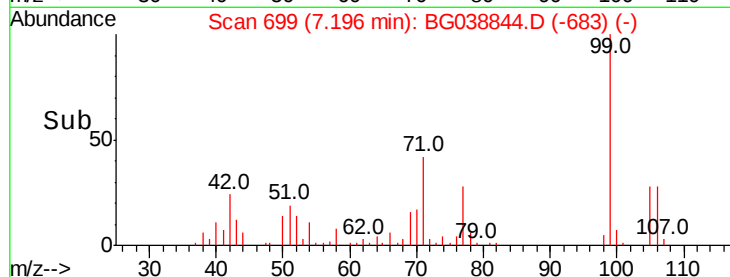
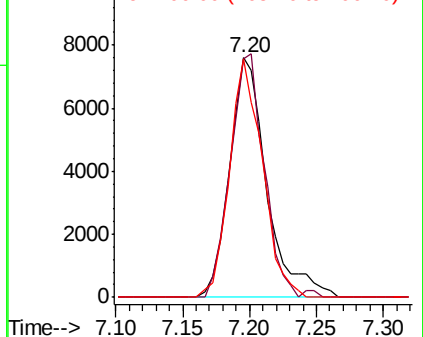
APPROVED

Sohil

12/28/2018 4:03:21 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: 46.979 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

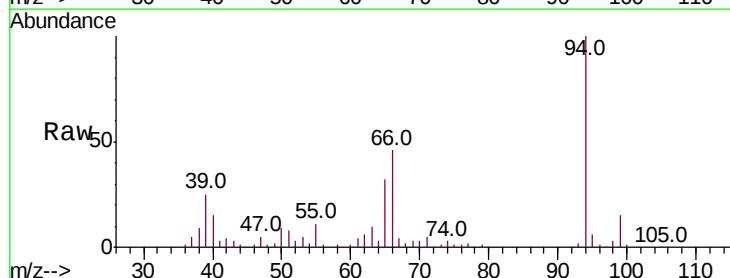
Tgt Ion: 94 Resp: 75454

Ion Ratio Lower Upper

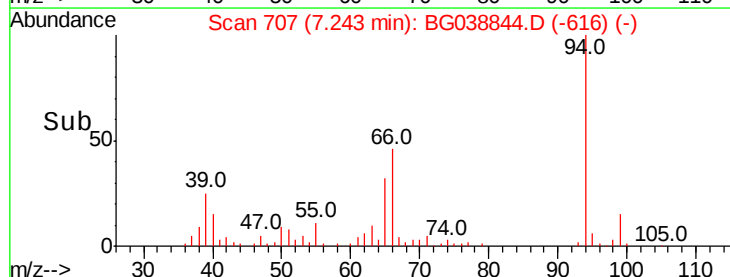
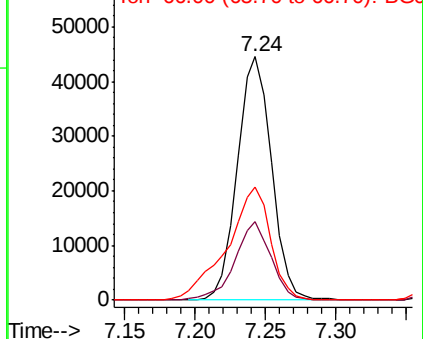
94 100

65 32.3 12.6 52.6

66 46.3 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





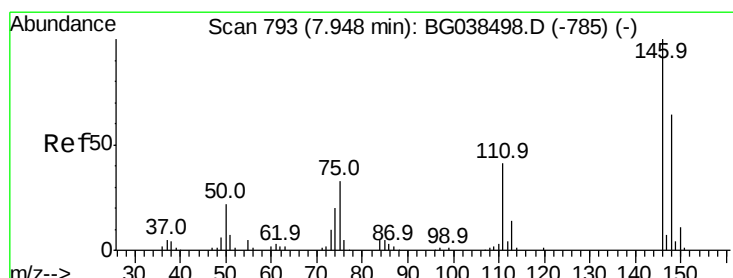
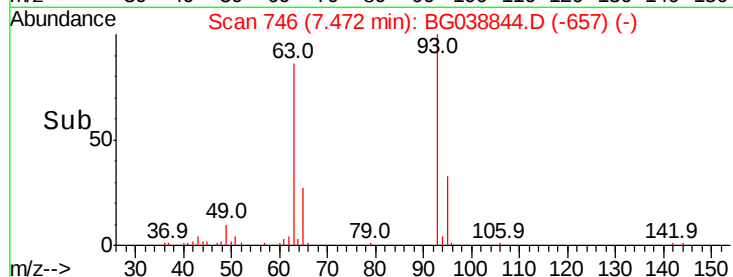
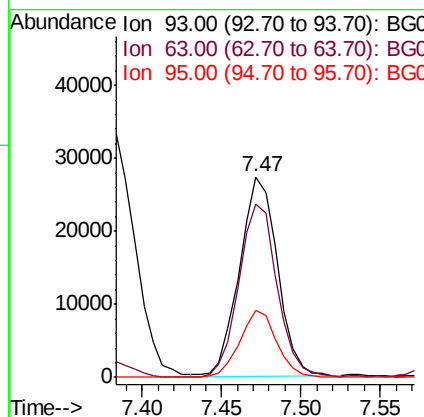
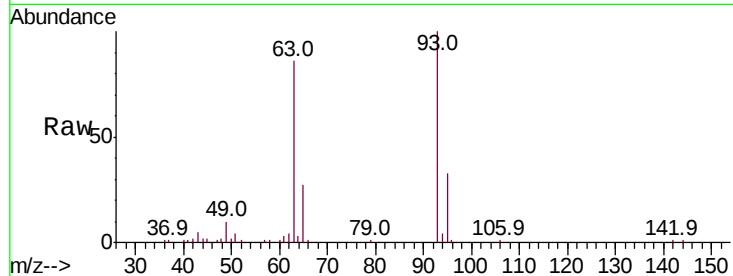
#11
bis(2-Chloroethyl)ether
Concen: 35.441 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.3	72.2	112.2
95	33.2	11.2	51.2

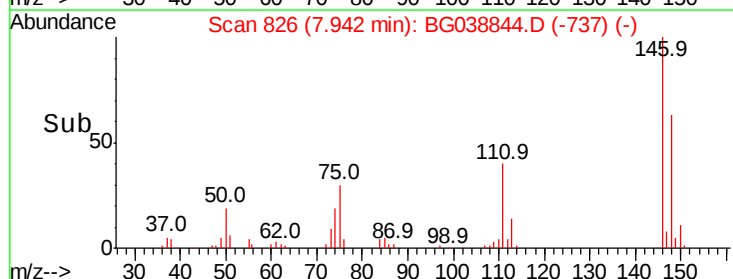
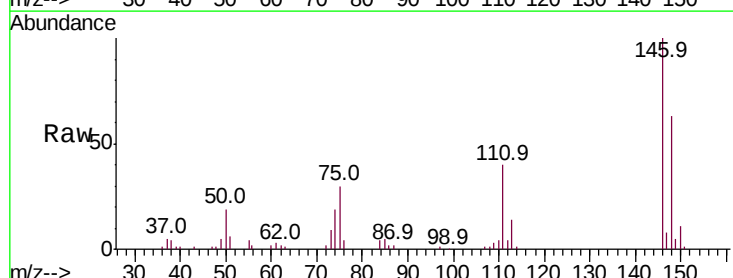
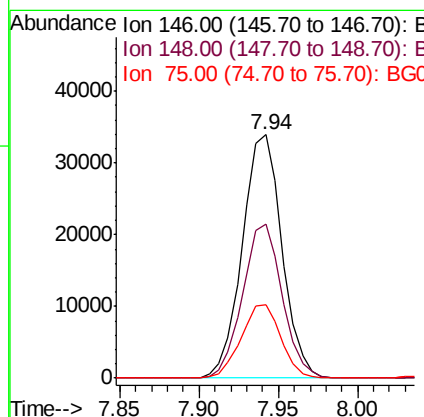
Manual Integrations
APPROVED

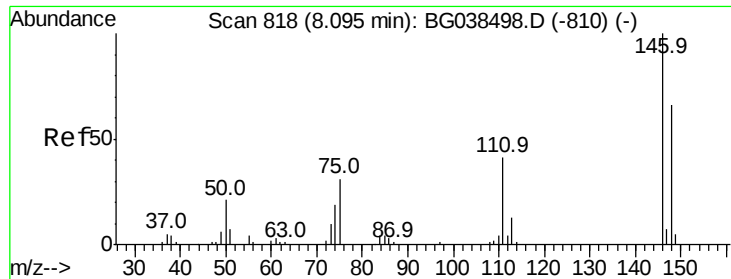
Sohil
12/28/2018 4:03:21 PM



#12
1,3-Dichlorobenzene
Concen: 39.103 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	30.2	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 39.203 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

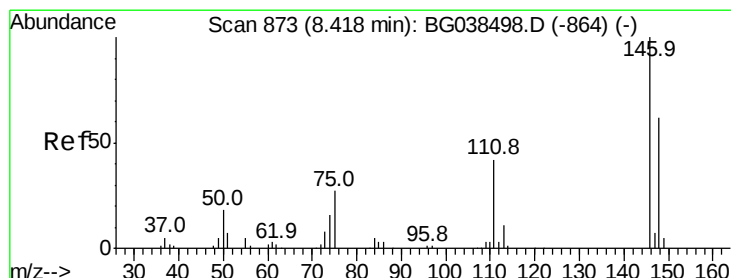
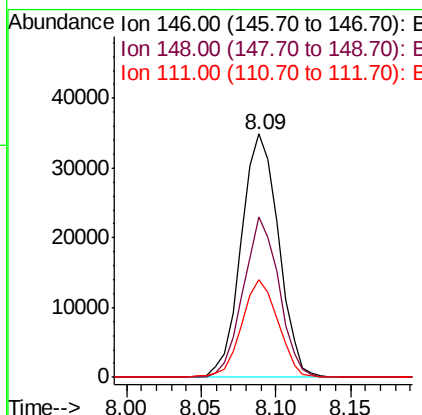
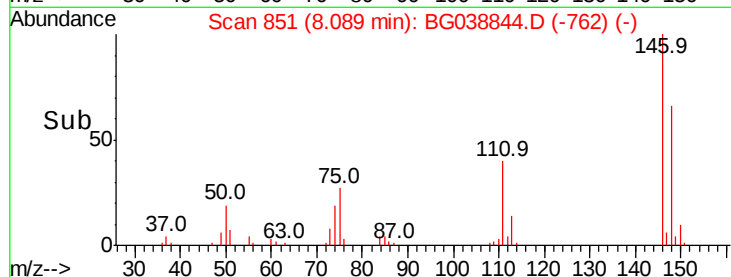
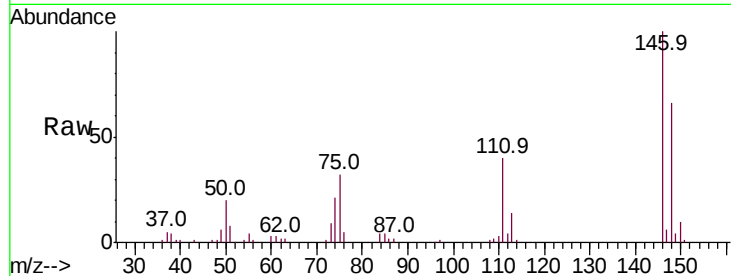
ClientSampleId :

PB116010BS

Tot Ion:	146	Resp:	60498
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.4	78.6
111	40.2	33.0	49.4

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#14

1,2-Dichlorobenzene

Concen: 39.922 ng

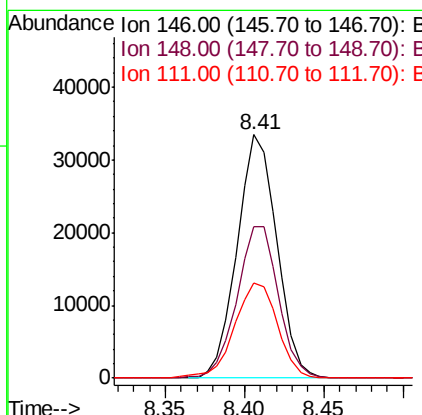
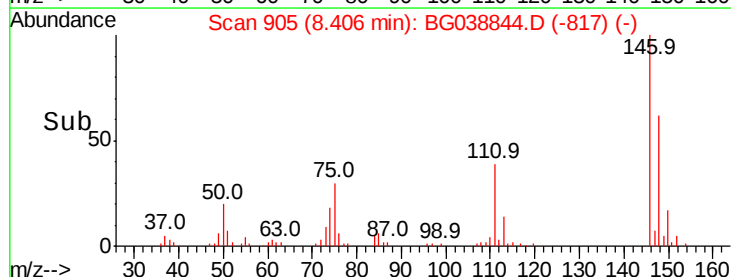
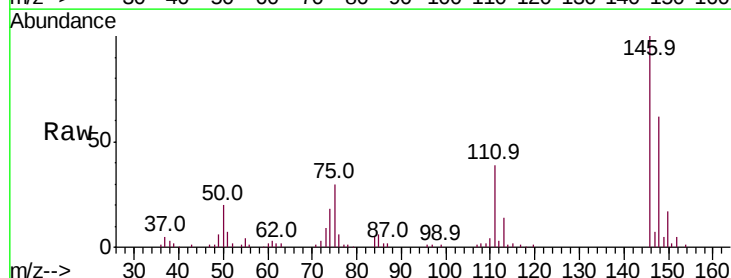
RT: 8.41 min Scan# 905

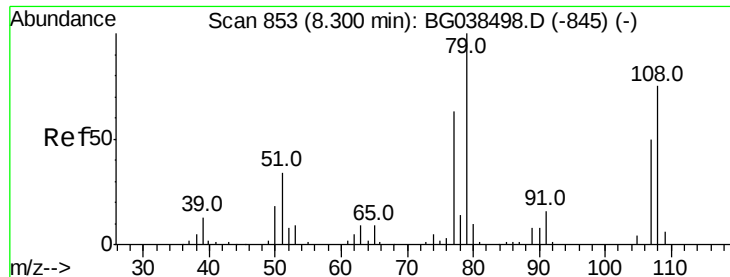
Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion:	146	Resp:	58081
Ion Ratio	Lower	Upper	
146	100		
148	62.2	49.4	74.0
111	39.1	33.8	50.6





#15

Benzyl Alcohol

Concen: 44.713 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

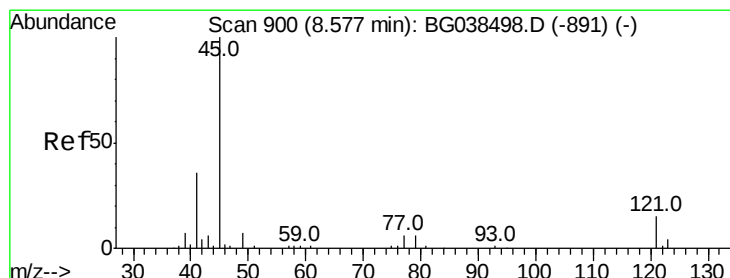
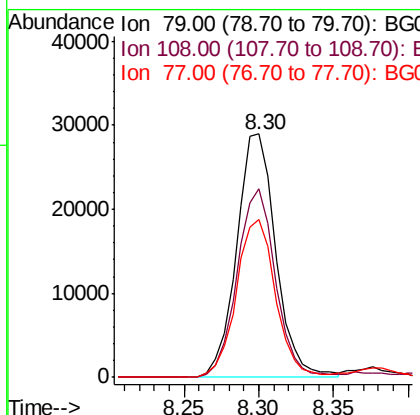
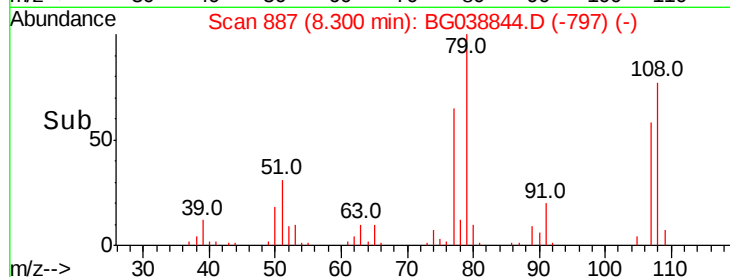
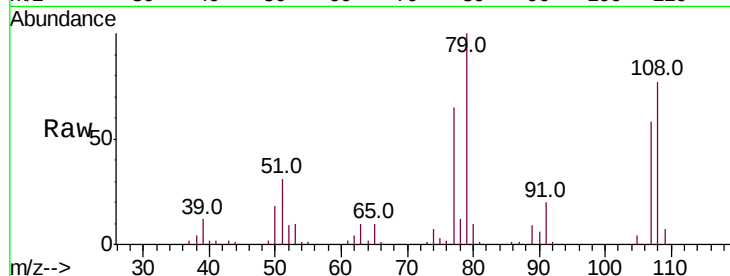
ClientSampleId :

PB116010BS

Tot Ion:	79	Resp:	52761
Ion Ratio	Lower	Upper	
79	100		
108	77.3	60.2	90.4
77	64.7	50.7	76.1

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.128 ng

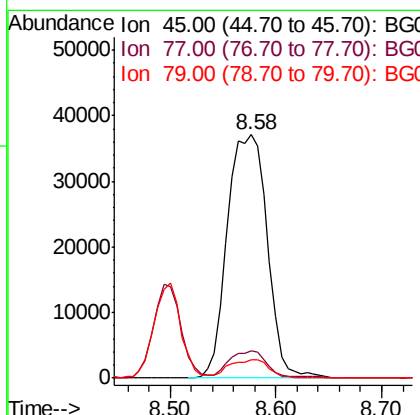
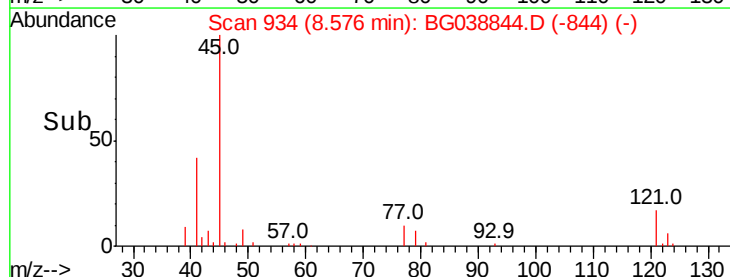
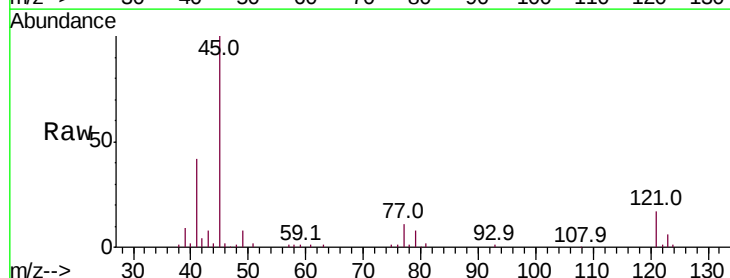
RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion:	45	Resp:	97039
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	28.2
79	7.6	0.0	27.2





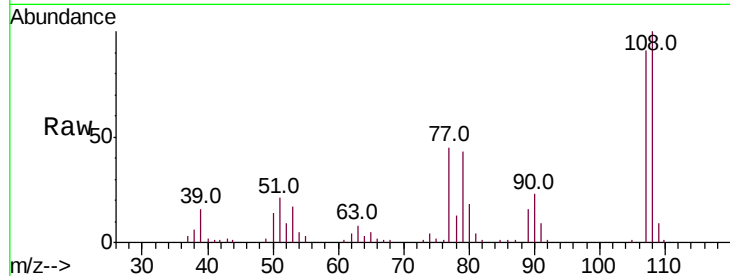
#17
2-Methylphenol
Concen: 48.956 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

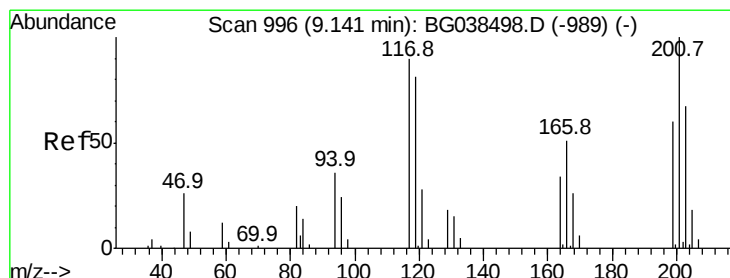
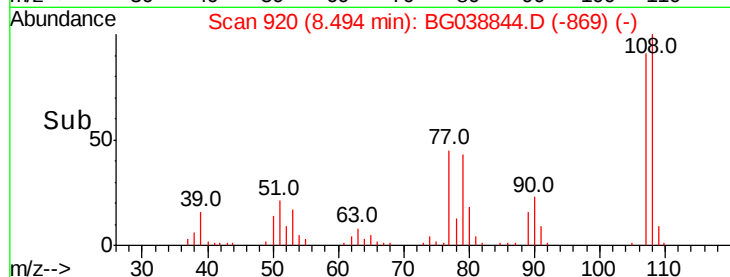
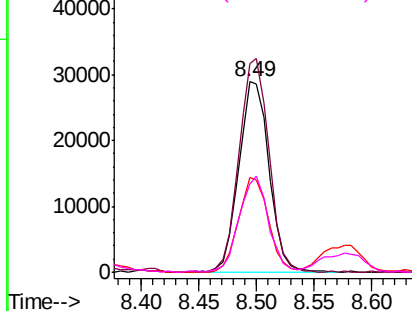
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.7	87.1	130.7
77	49.8	42.0	63.0
79	46.8	38.2	57.2

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



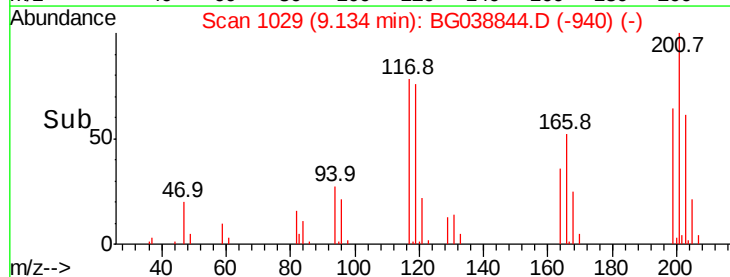
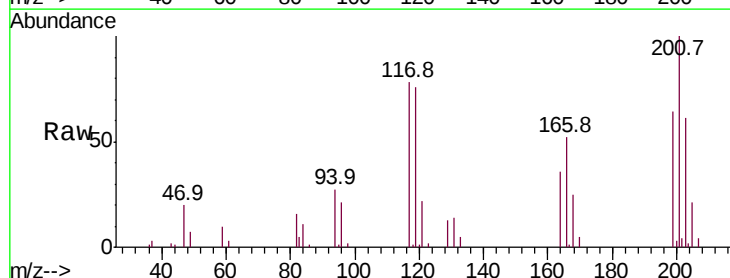
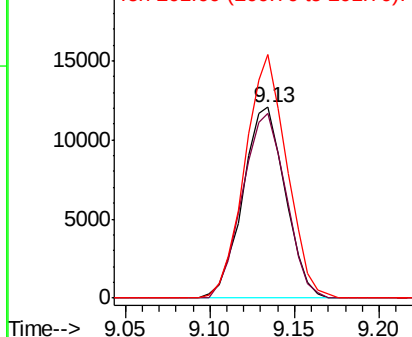
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

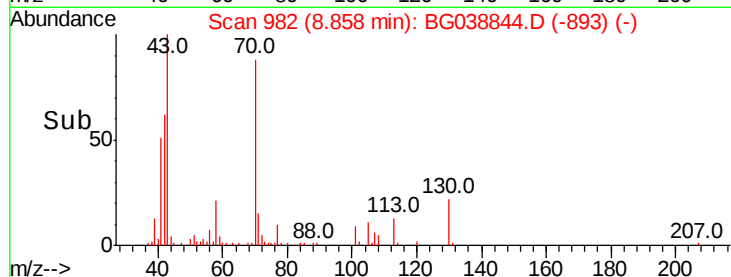
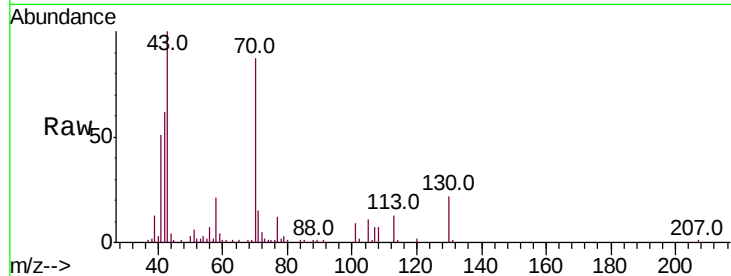
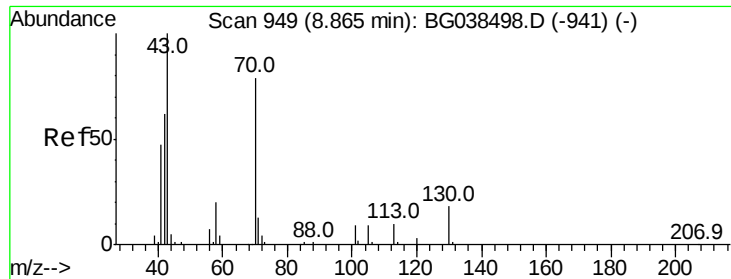


#18
Hexachloroethane
Concen: 37.524 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	73.8	110.8
201	132.8	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





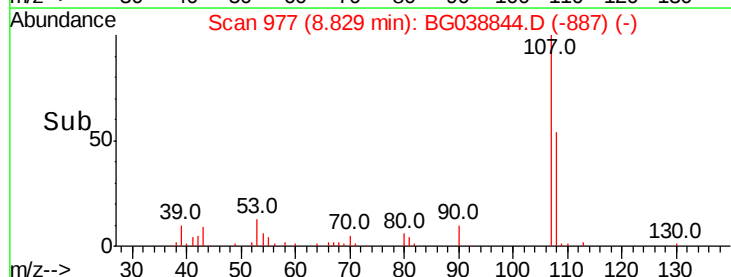
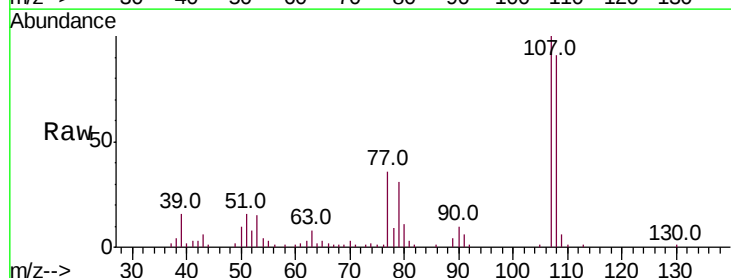
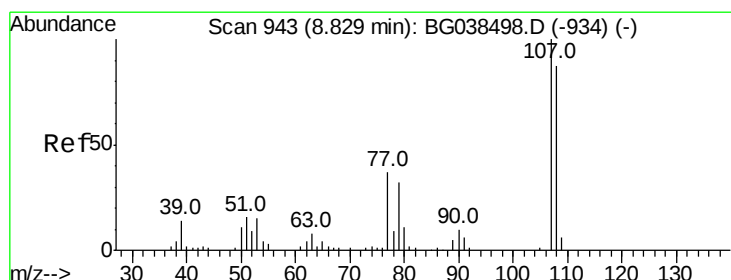
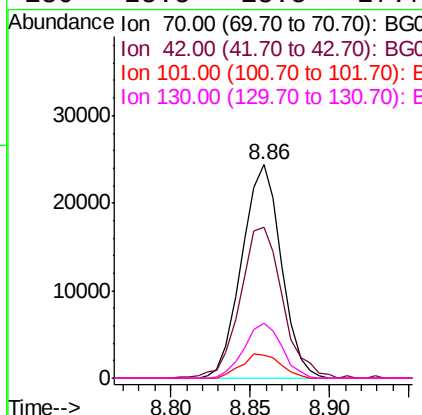
#19
n-Nitroso-di-n-propylamine
Concen: 39.670 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ion	Ratio	Lower	Upper
42121	70	100		
	42	70.7	63.6	95.4
	101	10.7	9.2	13.8
	130	25.5	18.5	27.7

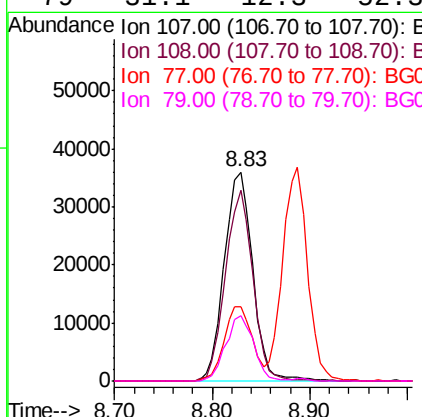
Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#20
3+4-Methylphenols
Concen: 49.050 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ion	Ratio	Lower	Upper
72893	107	100		
	108	91.3	66.7	106.7
	77	35.6	17.3	57.3
	79	31.1	12.3	52.3





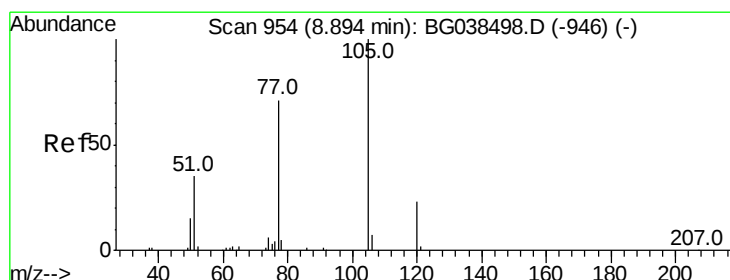
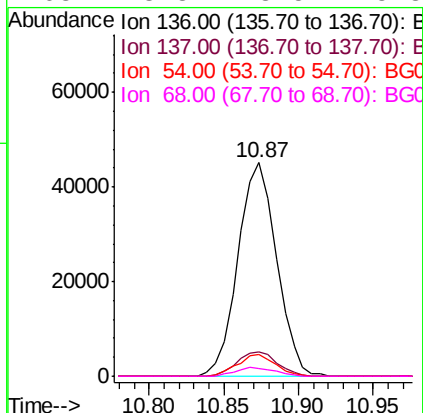
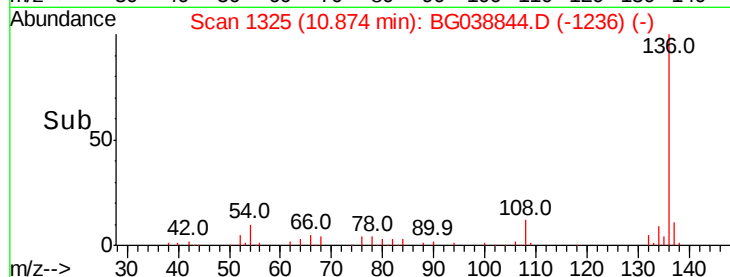
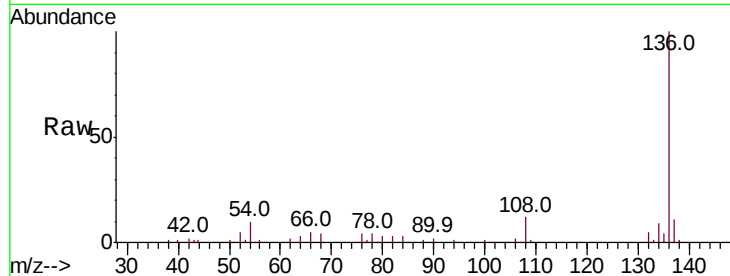
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	81038		
137	11.2	9.3	13.9	
54	10.1	8.5	12.7	
68	3.8	3.5	5.3	

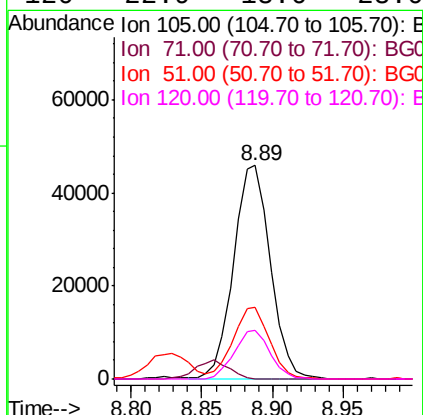
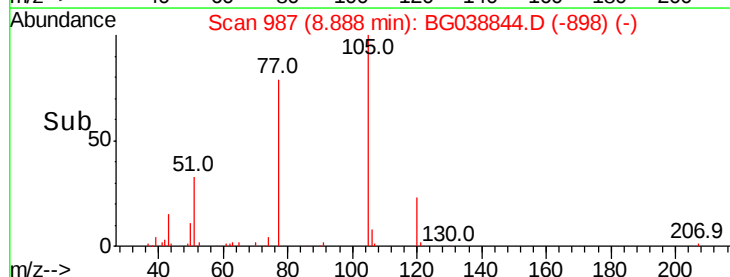
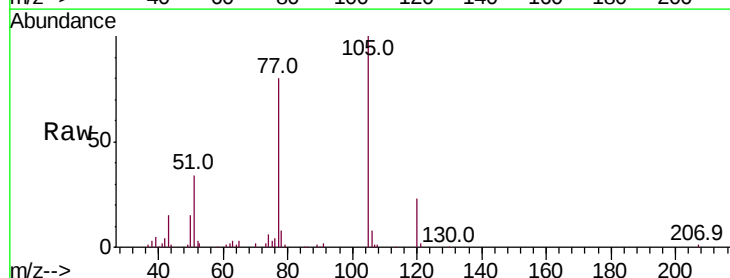
Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#22
Acetophenone
Concen: 41.259 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	83515		
71	0.0	0.4	0.6#	
51	33.8	30.6	46.0	
120	22.9	18.6	28.0	





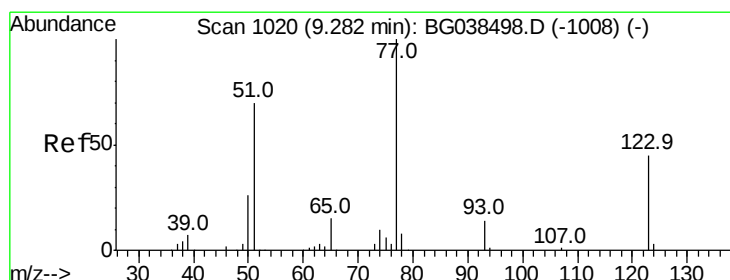
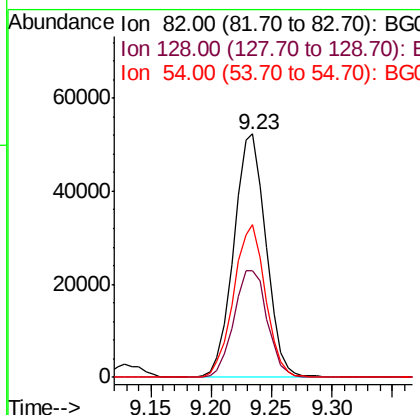
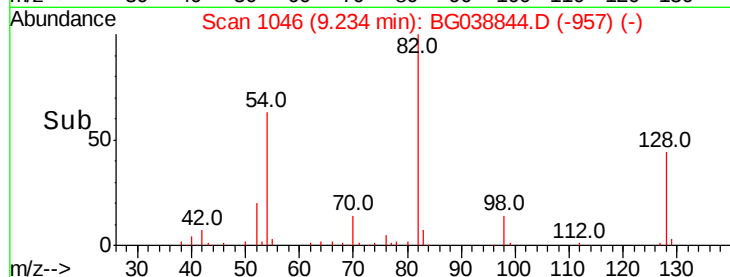
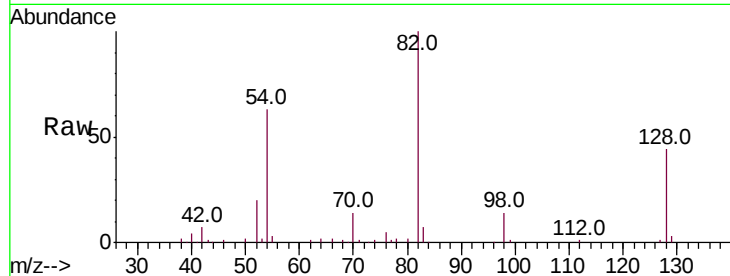
#23
Nitrobenzene-d5
Concen: 61.285 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	52.0
54	62.7	50.6	76.0

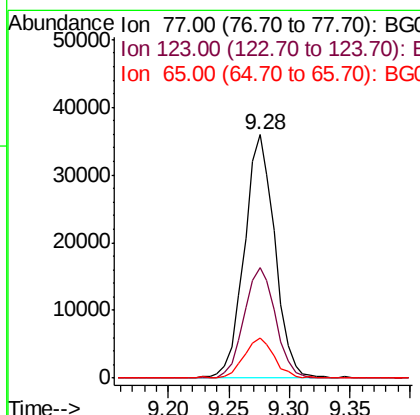
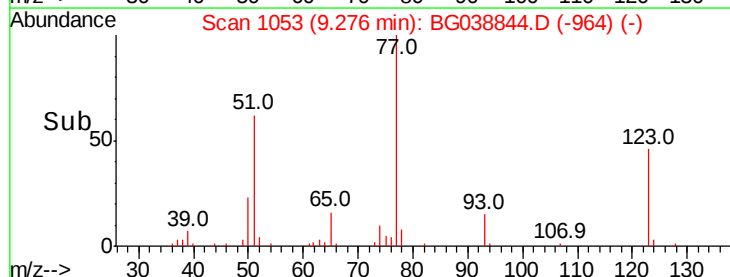
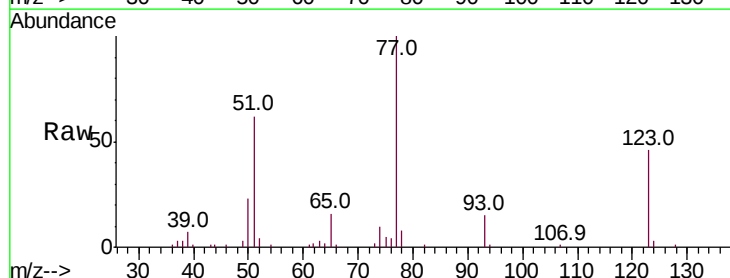
Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#24
Nitrobenzene
Concen: 39.366 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	35.9	53.9
65	16.3	12.0	18.0





#25

Isophorone

Concen: 42.166 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

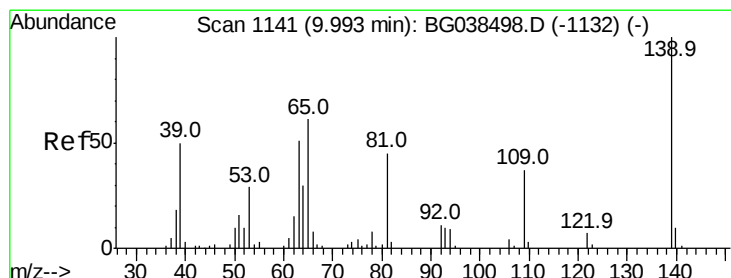
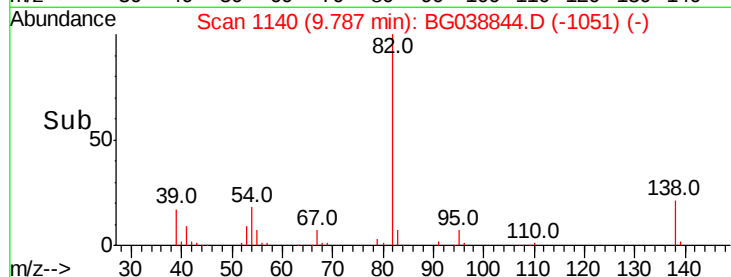
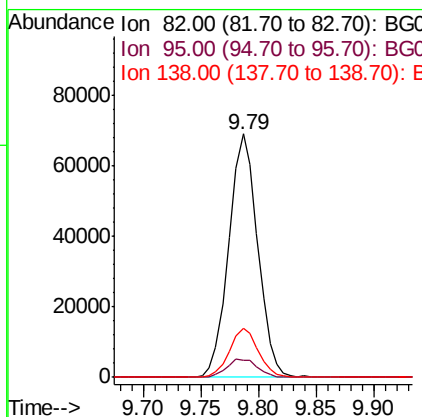
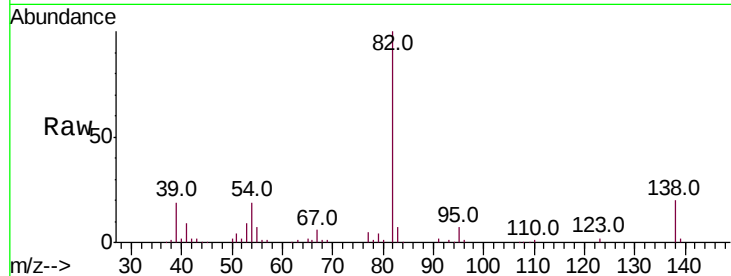
ClientSampleId :

PB116010BS

Tot Ion:	82	Resp:	120177
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.1	9.1
138	20.2	14.9	22.3

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#26

2-Nitrophenol

Concen: 43.246 ng

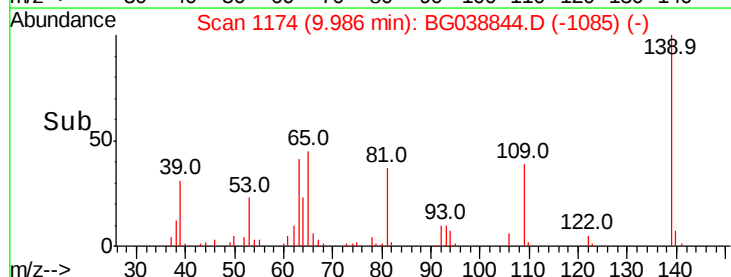
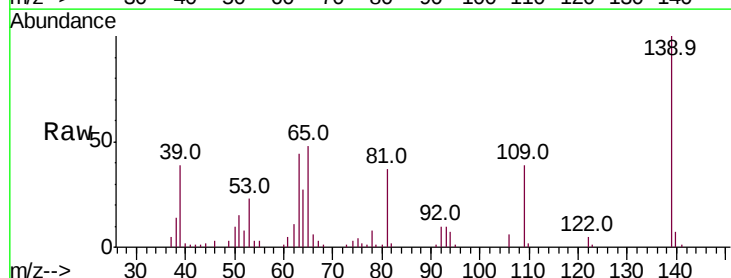
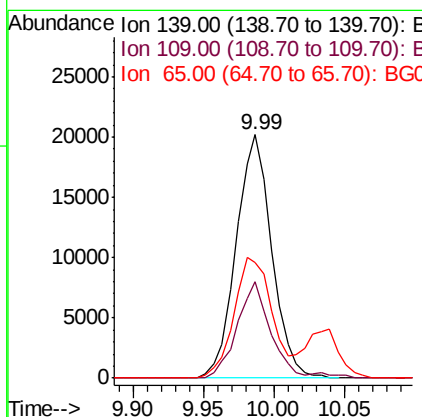
RT: 9.99 min Scan# 1174

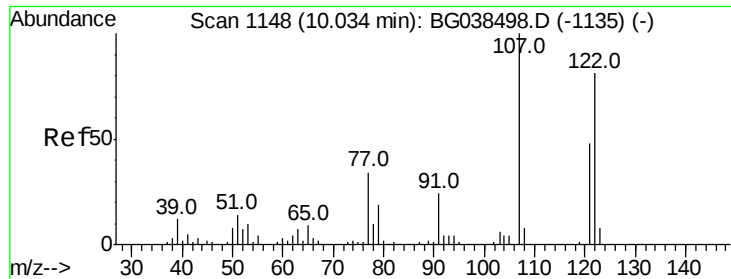
Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion:	139	Resp:	35519
Ion Ratio	Lower	Upper	
139	100		
109	39.5	29.5	44.3
65	47.5	48.5	72.7#





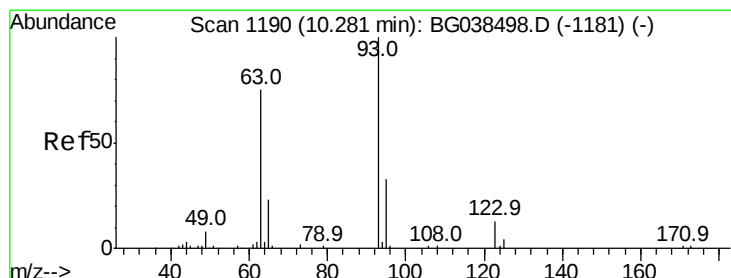
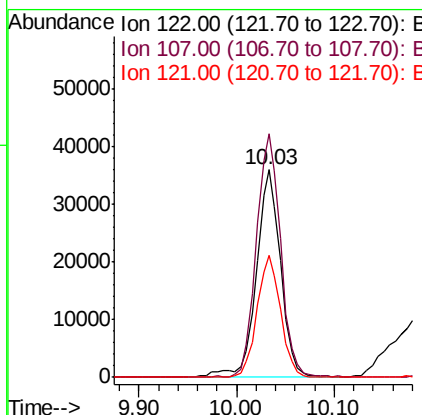
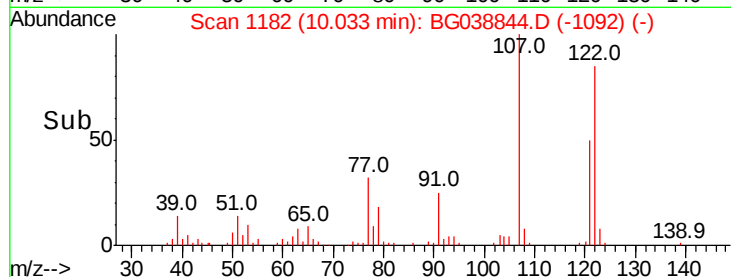
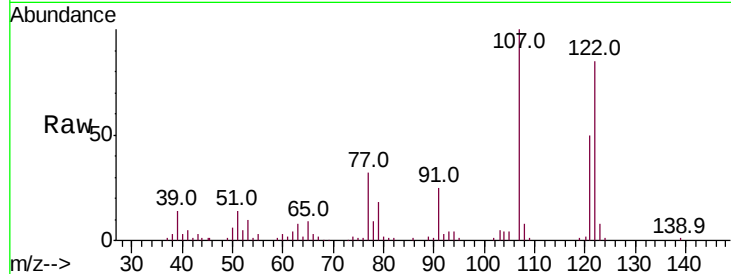
#27
 2,4-Dimethylphenol
 Concen: 53.707 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Tot Ion:	122	Resp:	63218
Ion Ratio	Lower	Upper	
122	100		
107	117.4	98.4	147.6
121	58.6	47.2	70.8

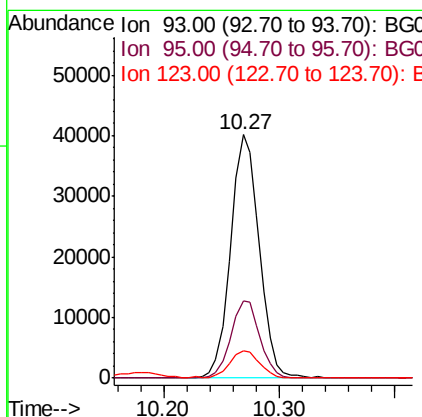
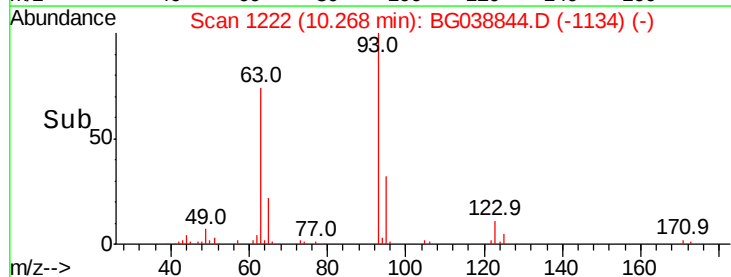
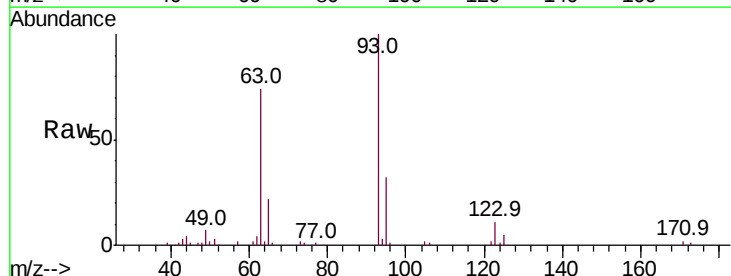
Manual Integrations
 APPROVED

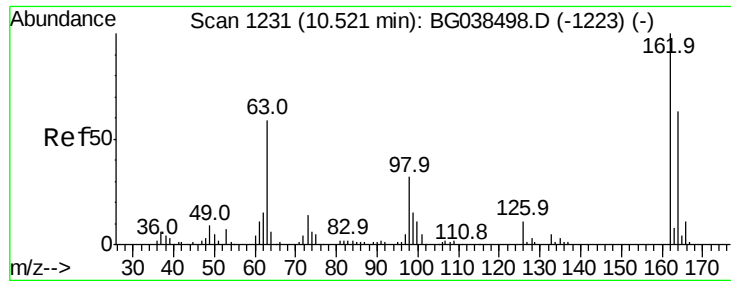
Sohil
 12/28/2018 4:03:21 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.605 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion:	93	Resp:	68525
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.6	40.0
123	11.2	10.6	16.0





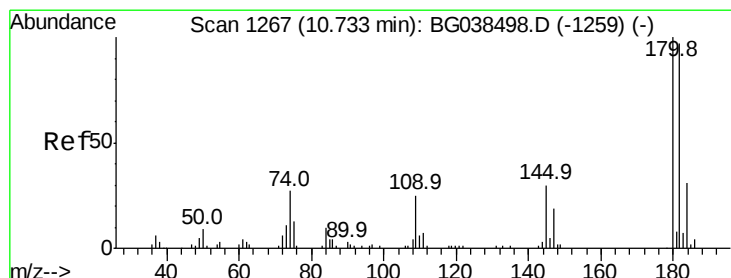
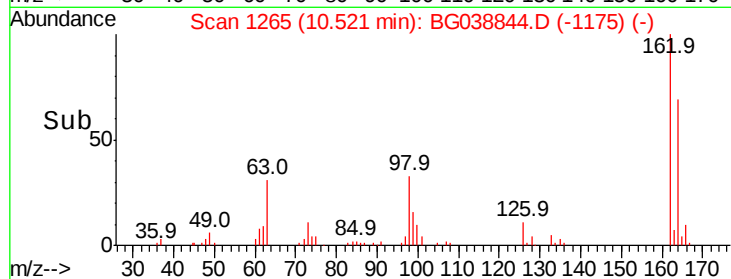
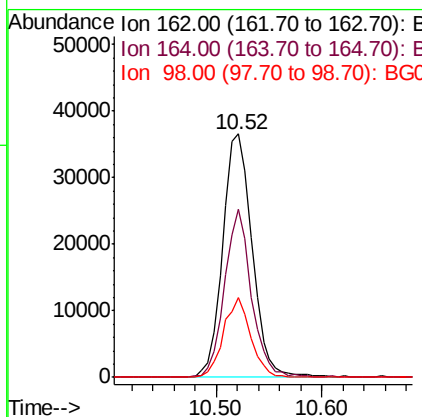
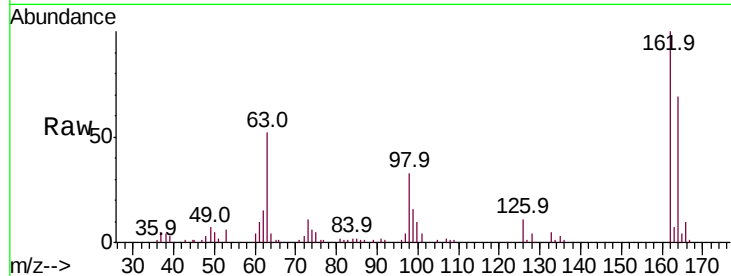
#29
 2,4-Dichlorophenol
 Concen: 53.822 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.2	42.9	82.9
98	32.7	12.1	52.1

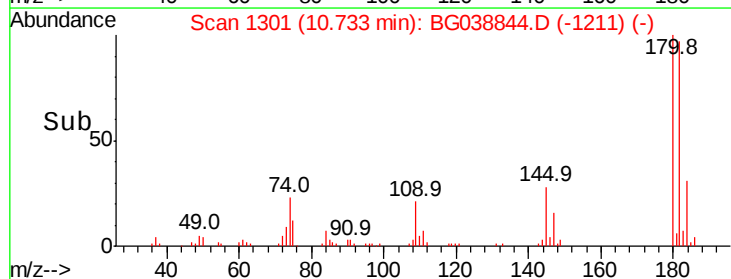
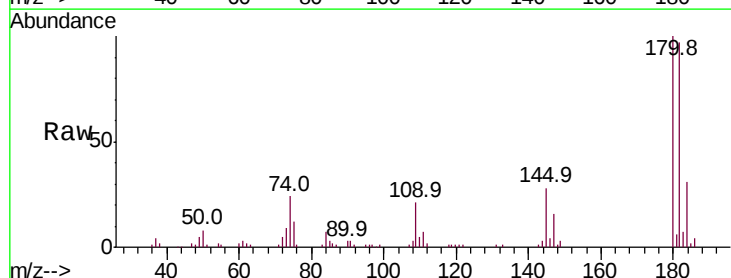
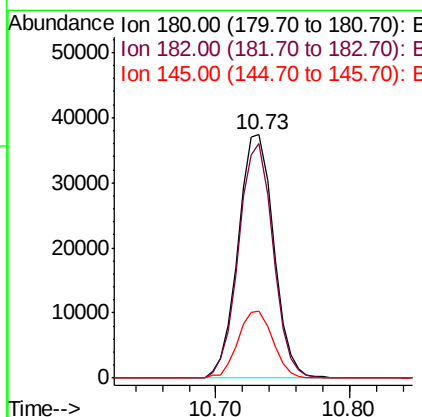
Manual Integrations
 APPROVED

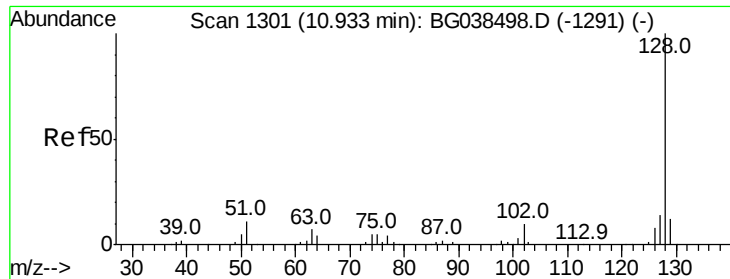
Sohil
 12/28/2018 4:03:21 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.549 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.4	116.0
145	27.5	24.1	36.1





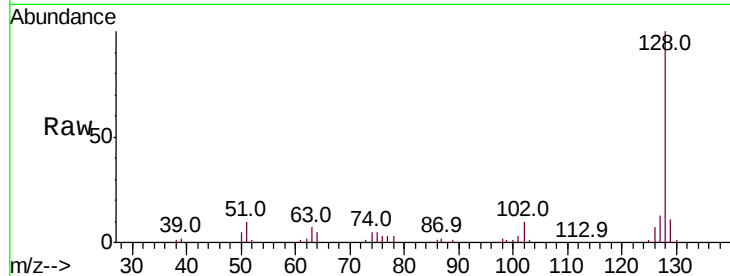
#31
Naphthalene
Concen: 45.931 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.0	10.9	16.3

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM

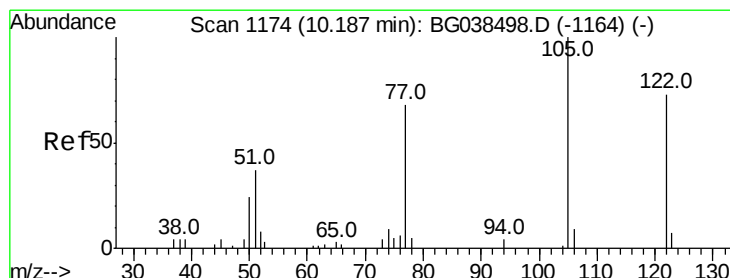
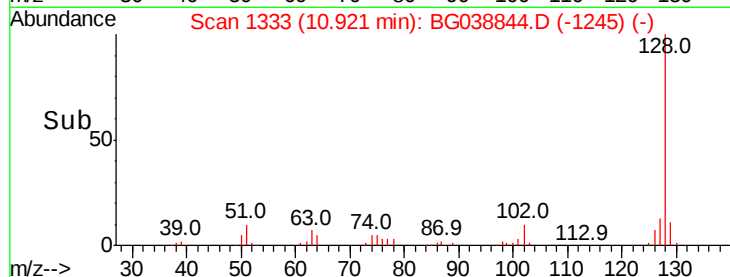
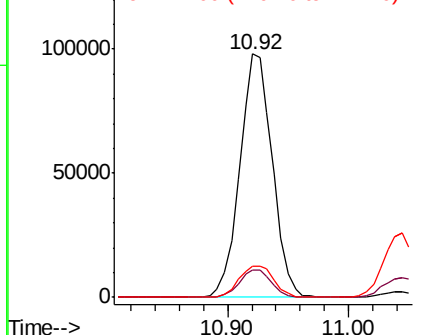


Abundance

Ion 128.00 (127.70 to 128.70): E

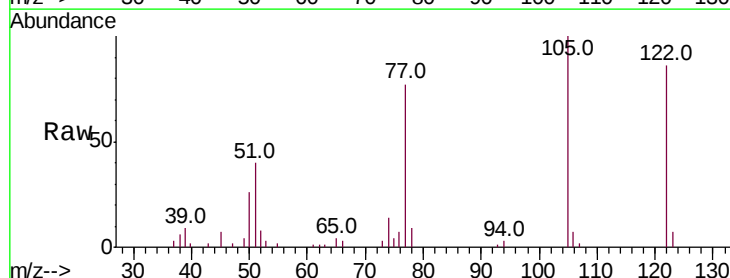
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 43.286 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.5	116.7	156.7#
77	89.9	72.5	112.5

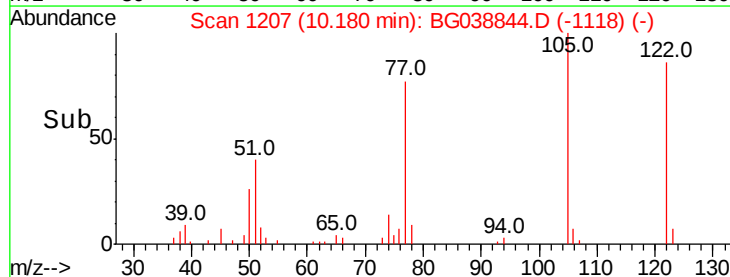
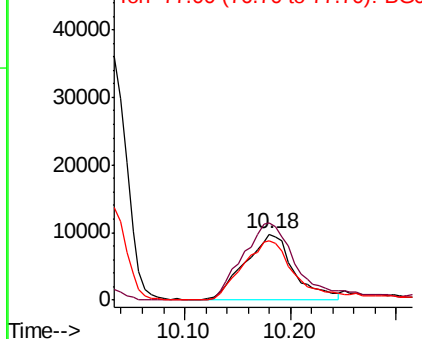


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





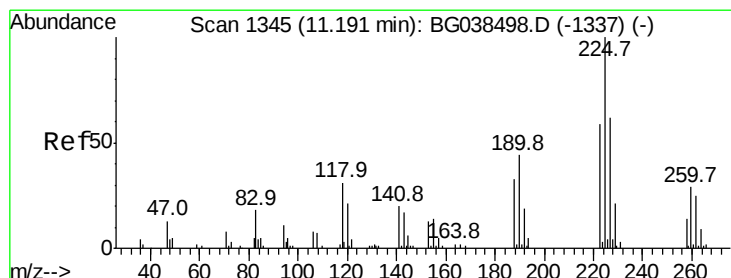
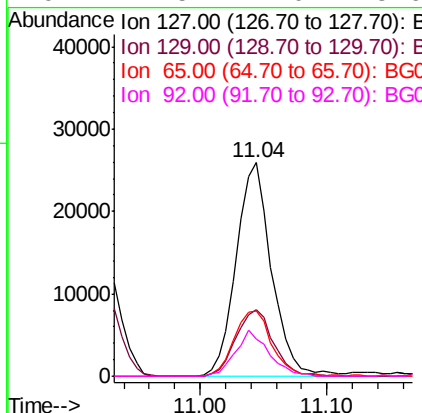
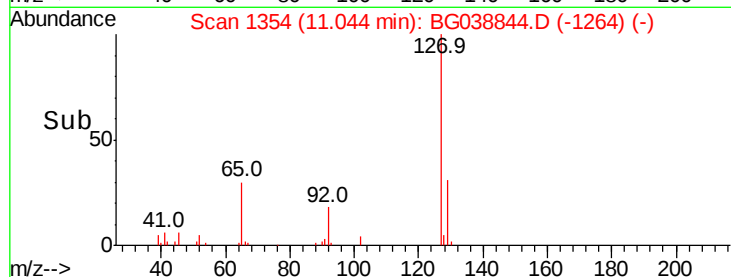
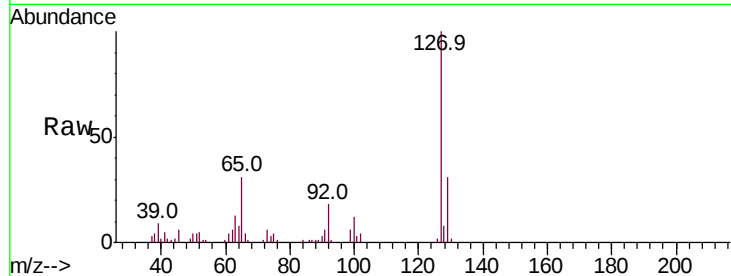
#33
4-Chloroaniline
Concen: 28.880 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	30.5	27.8	41.6
92	17.5	17.0	25.6

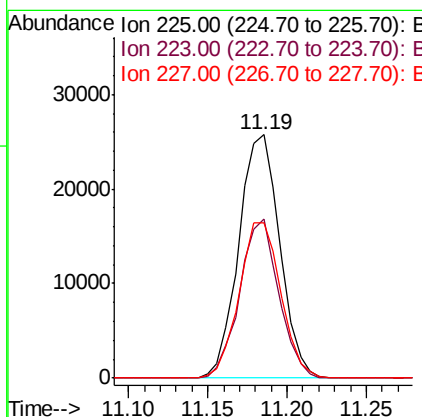
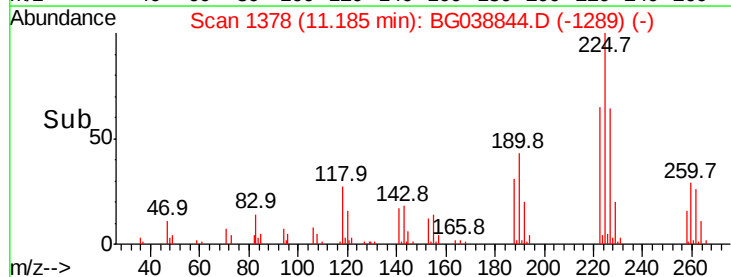
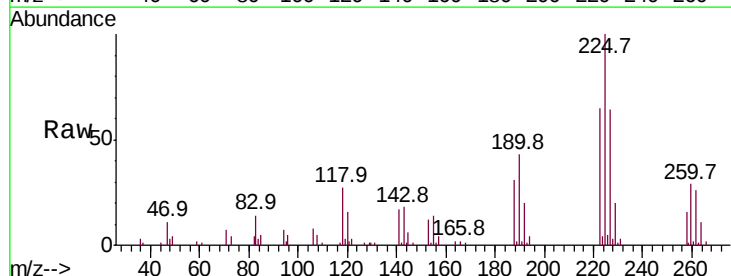
Manual Integrations
APPROVED

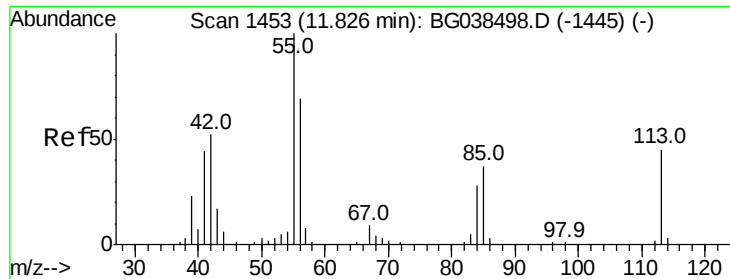
Sohil
12/28/2018 4:03:21 PM



#34
Hexachlorobutadiene
Concen: 43.218 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	45.0	67.6
227	63.7	50.6	75.8





#35

Caprolactam

Concen: 46.622 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

Tot Ion:113 Resp: 25266

Ion Ratio Lower Upper

113 100

55 190.9 204.3 244.3#

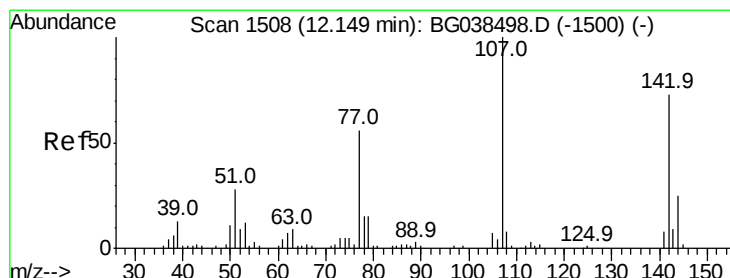
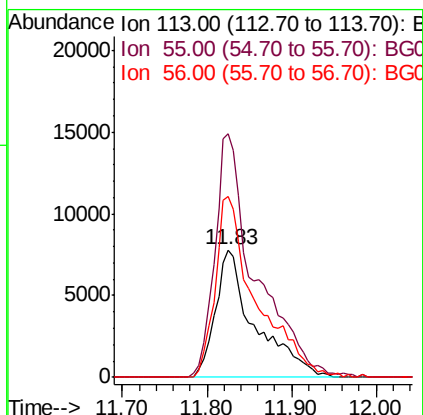
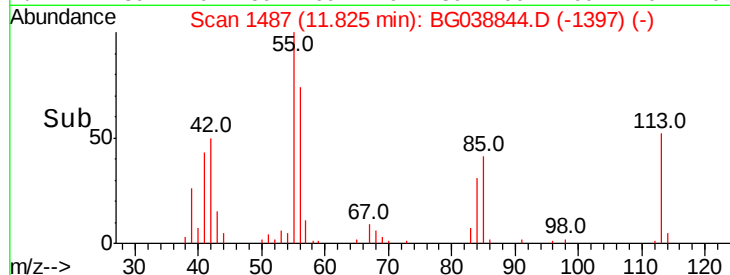
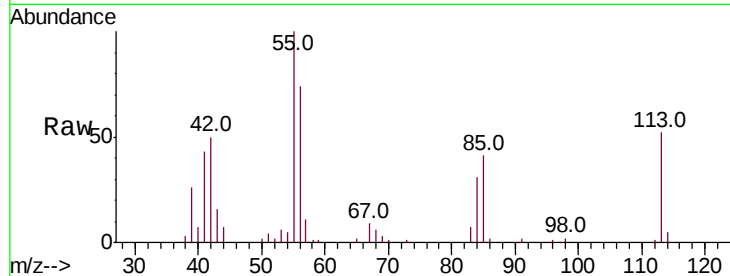
56 141.6 135.0 175.0

Manual Integrations

APPROVED

Sohil

12/28/2018 4:03:21 PM



#36

4-Chloro-3-methylphenol

Concen: 49.239 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

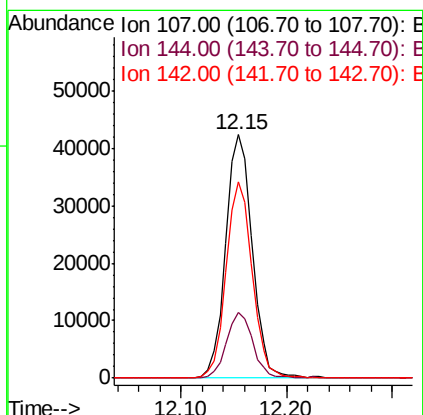
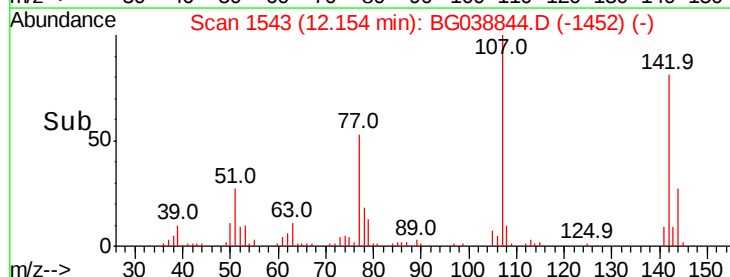
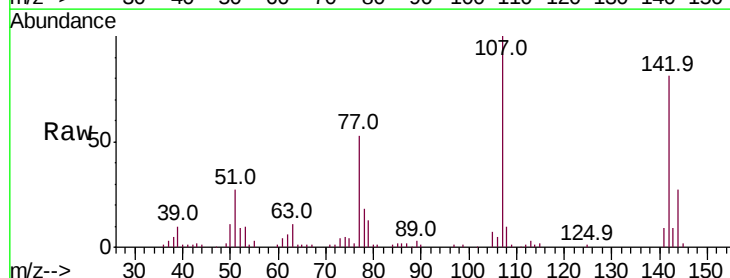
Tgt Ion:107 Resp: 73581

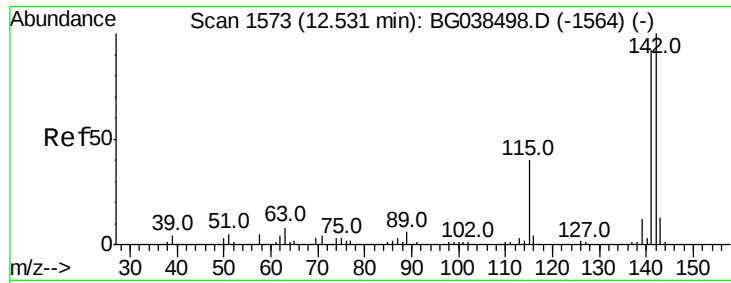
Ion Ratio Lower Upper

107 100

144 27.0 20.1 30.1

142 80.7 58.7 88.1





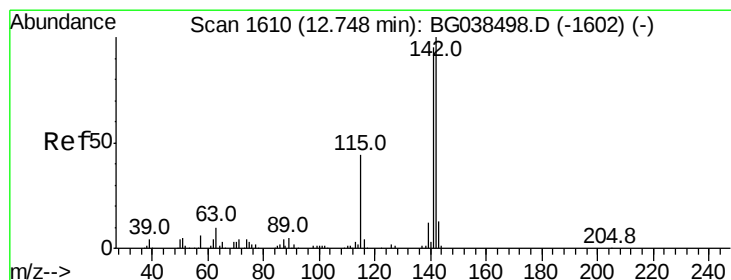
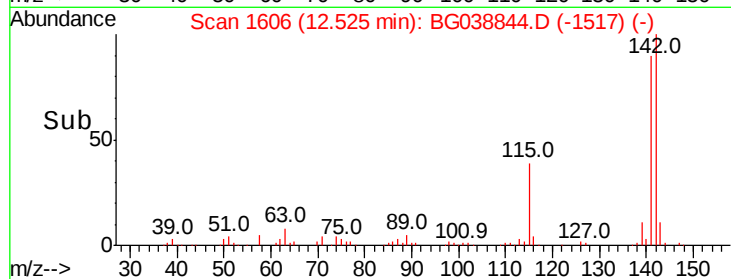
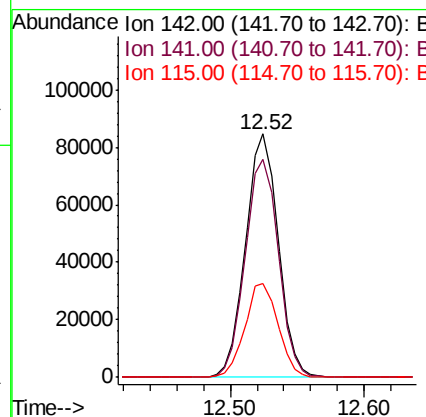
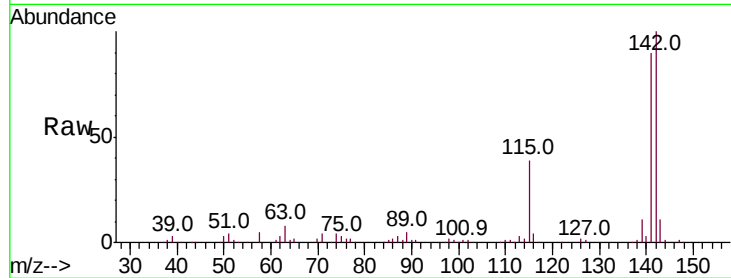
#37
2-Methylnaphthalene
Concen: 50.266 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.5	110.3
115	38.7	31.7	47.5

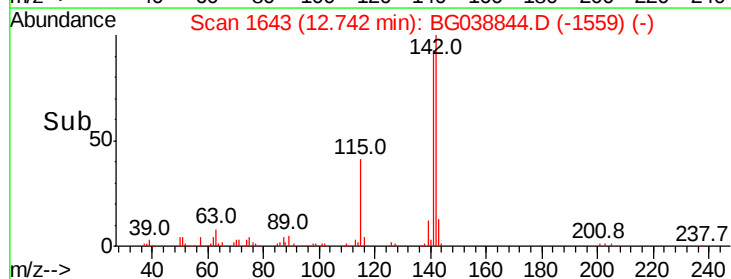
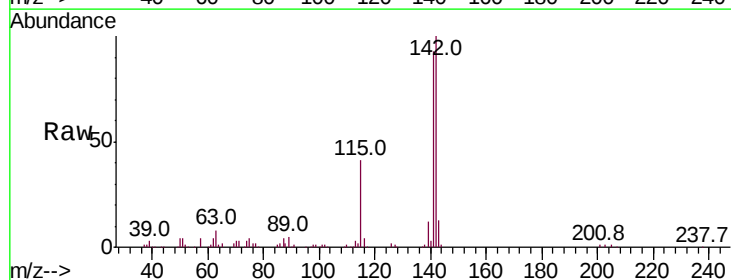
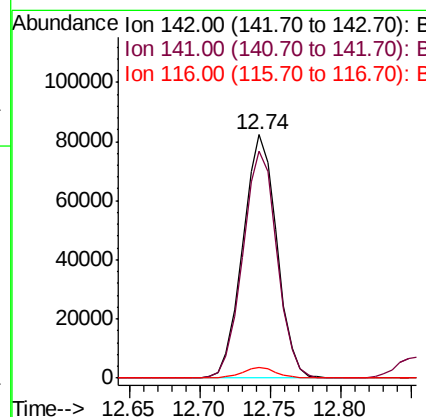
Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#38
1-Methylnaphthalene
Concen: 50.153 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.8	113.8
116	4.2	3.6	5.4





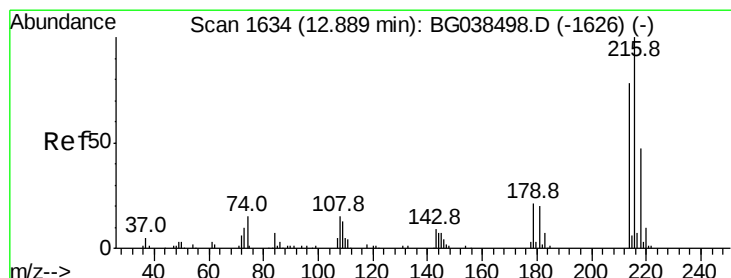
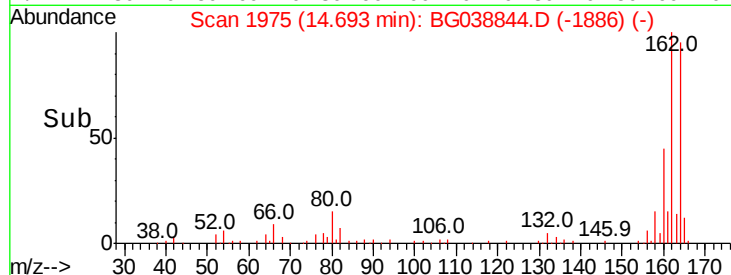
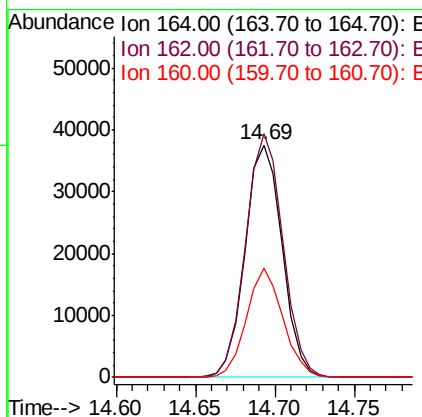
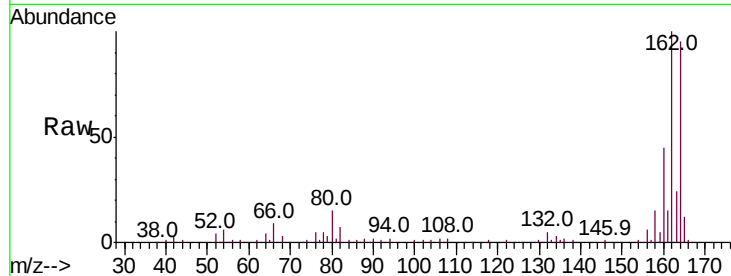
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.6	130.0
160	47.2	34.2	51.2

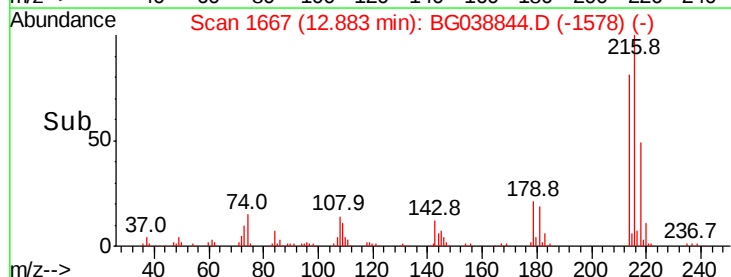
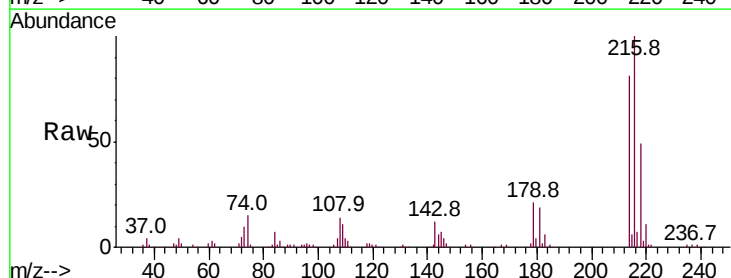
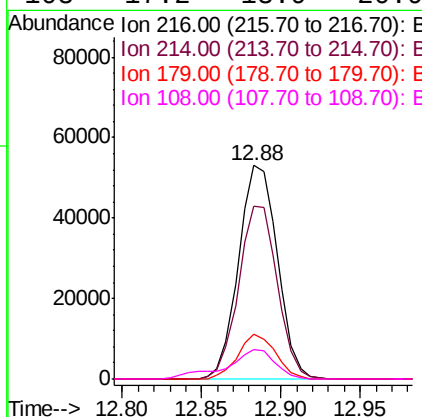
Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.621 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	64.1	96.1
179	20.1	16.4	24.6
108	17.2	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 88.740 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

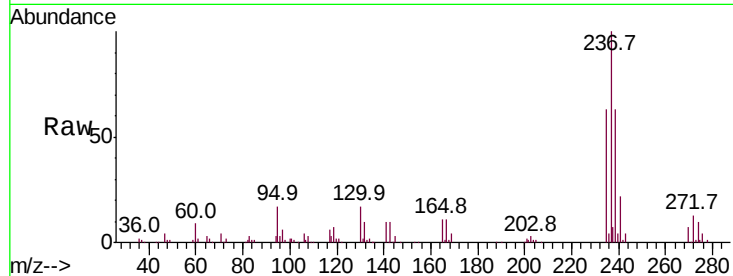
ClientSampleId :

PB116010BS

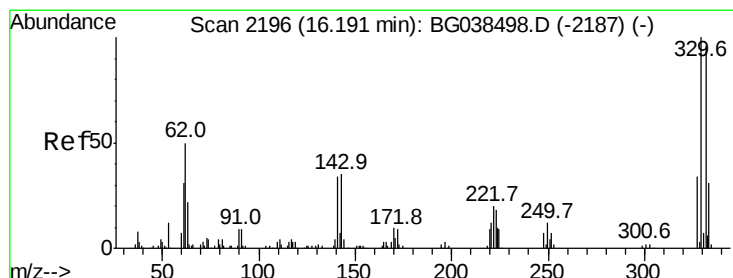
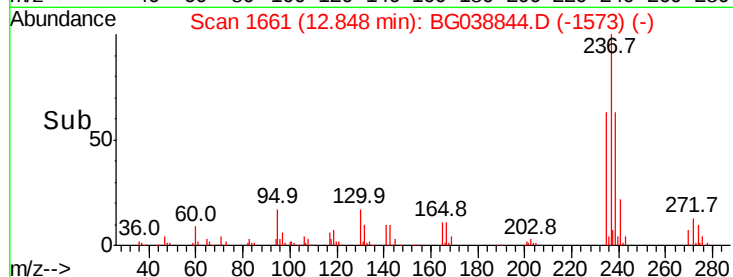
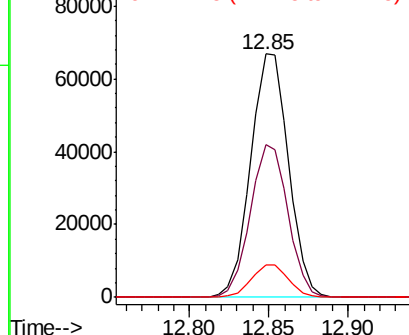
Tot Ion:	237	Resp:	111185
Ion Ratio		Lower	Upper
237	100		
235	62.6	38.8	78.8
272	13.2	0.0	32.0

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



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



#42

2,4,6-Tribromophenol

Concen: 146.484 ng

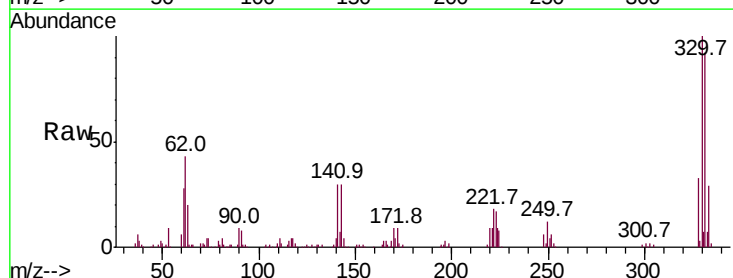
RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

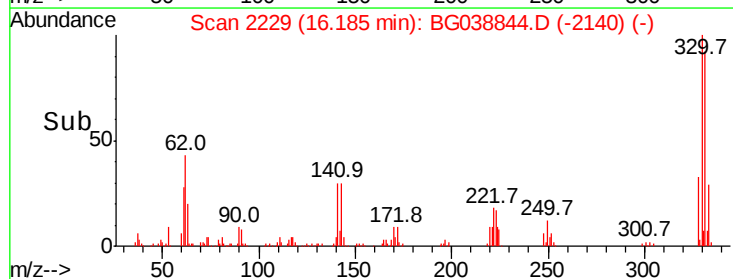
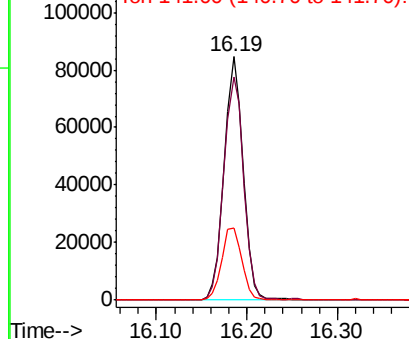
Lab File: BG038844.D

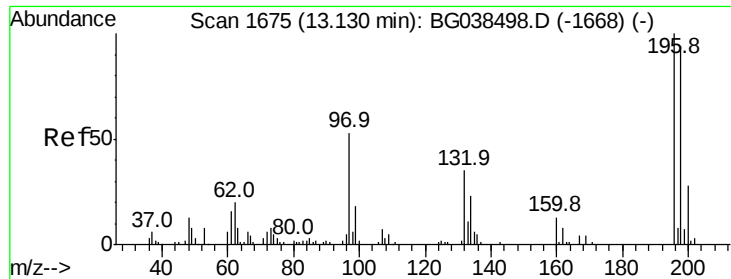
Acq: 27 Dec 2018 15:25

Tgt Ion:	330	Resp:	123170
Ion Ratio		Lower	Upper
330	100		
332	95.5	76.9	115.3
141	31.5	28.8	43.2



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





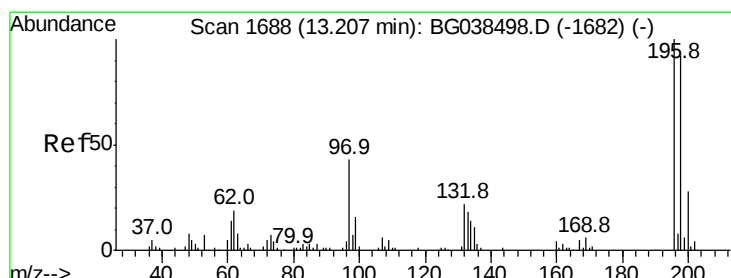
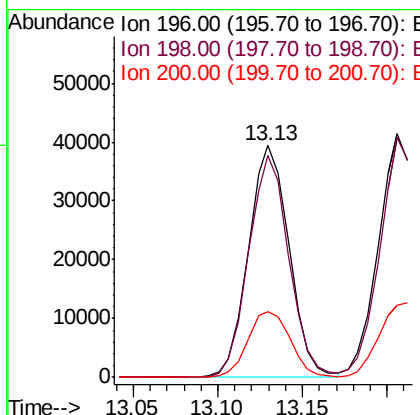
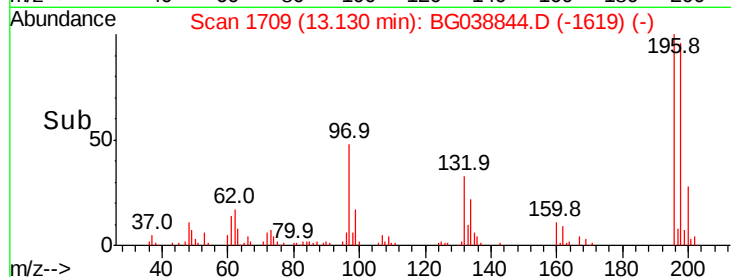
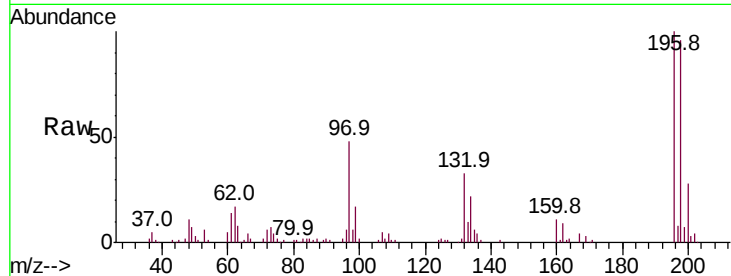
#43
 2,4,6-Trichlorophenol
 Concen: 47.013 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleID :
 PB116010BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	65924		
198	95.7	75.0	112.4	
200	28.4	22.4	33.6	

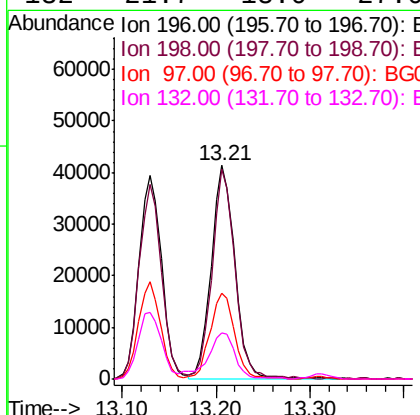
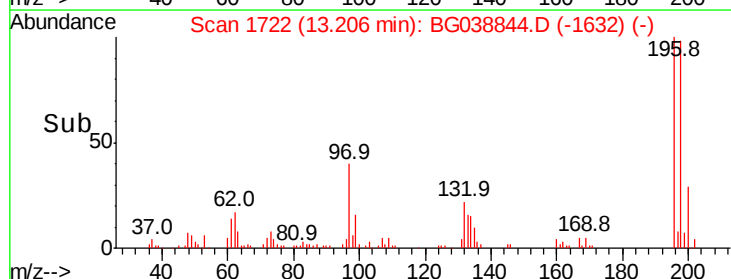
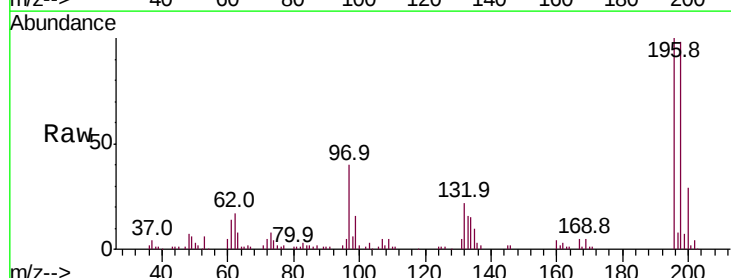
Manual Integrations
 APPROVED

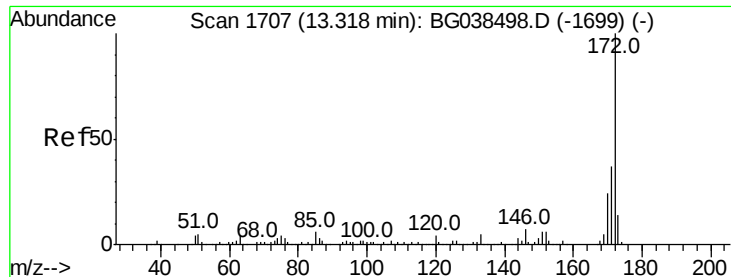
Sohil
 12/28/2018 4:03:21 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.478 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73457		
198	98.3	74.0	111.0	
97	40.0	35.1	52.7	
132	21.7	18.0	27.0	





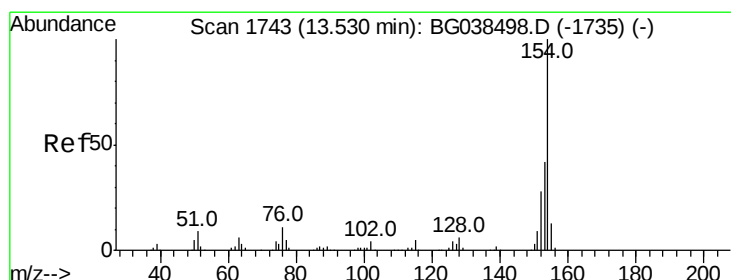
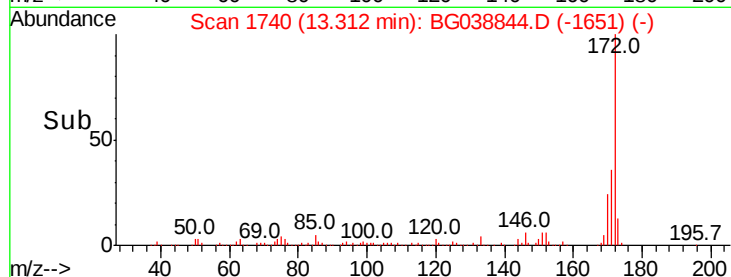
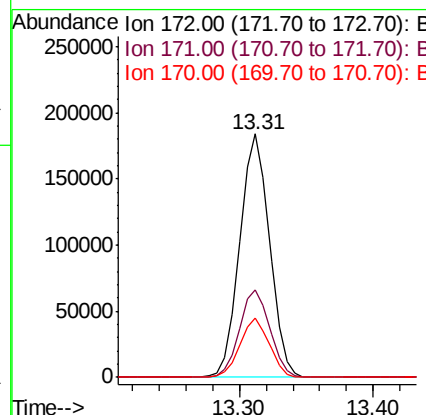
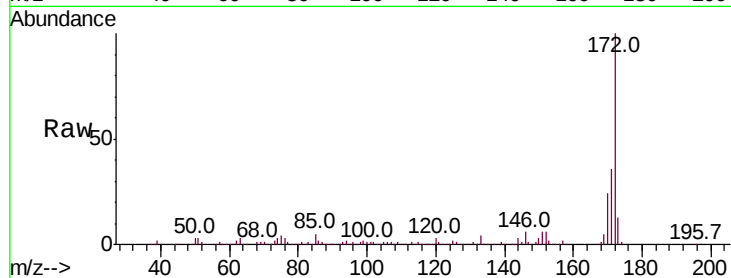
#45
2-Fluorobiphenyl
Concen: 64.010 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	284674		
171	36.1		29.8	44.6
170	24.4		19.5	29.3

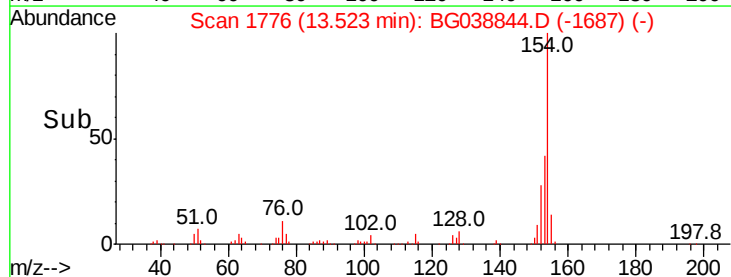
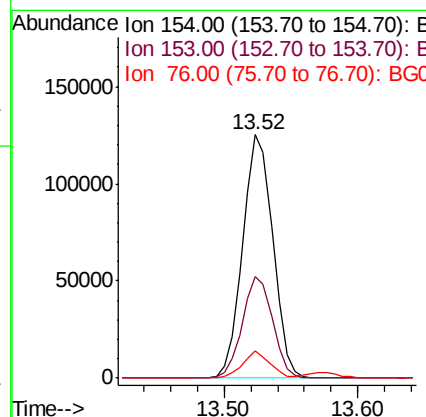
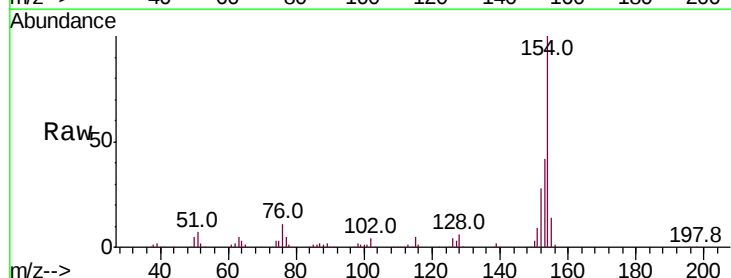
Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#46
1,1'-Biphenyl
Concen: 38.179 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	195275		
153	41.6		22.1	62.1
76	11.1		0.0	31.2





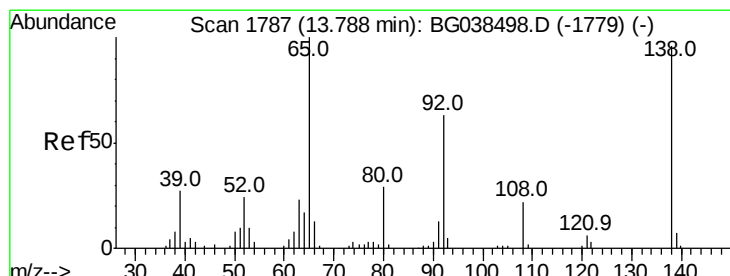
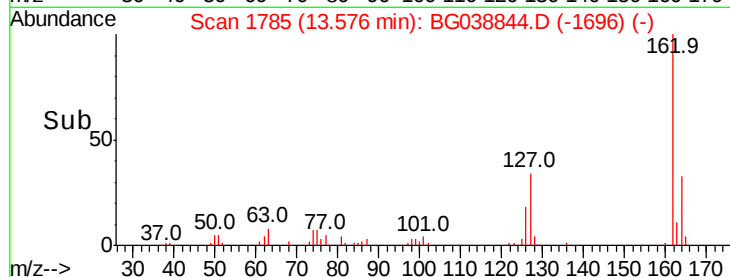
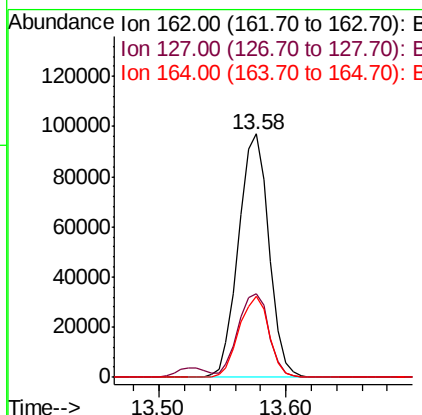
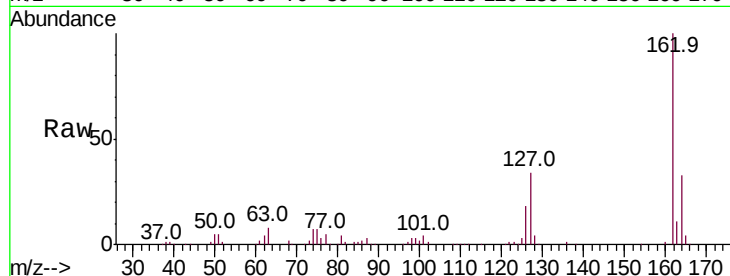
#47
2-Chloronaphthalene
Concen: 40.819 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	27.8	41.8
164	33.1	26.9	40.3

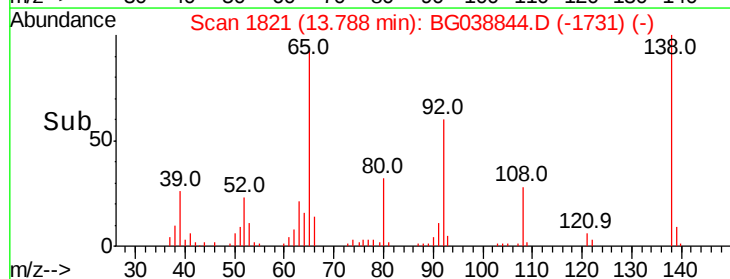
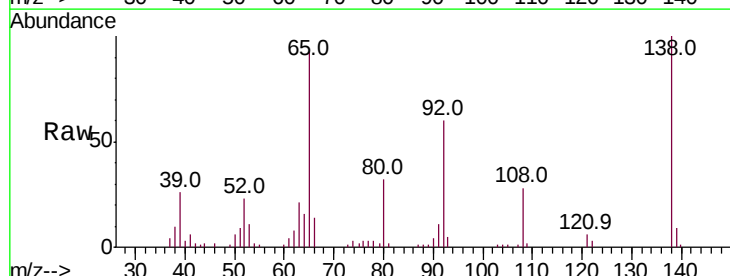
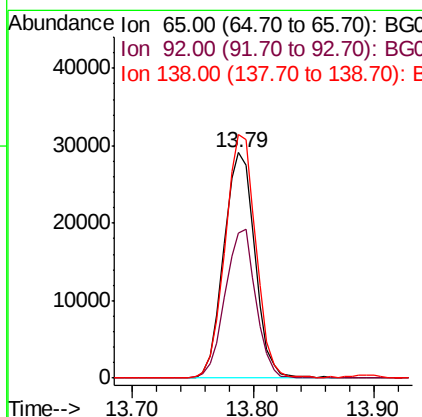
Manual Integrations
APPROVED

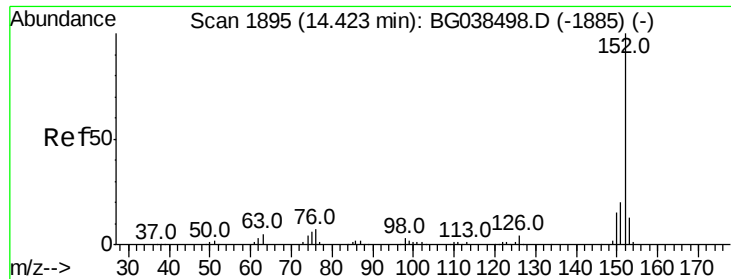
Sohil
12/28/2018 4:03:21 PM



#48
2-Nitroaniline
Concen: 41.295 ng
RT: 13.79 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	50.0	75.0
138	108.0	76.9	115.3





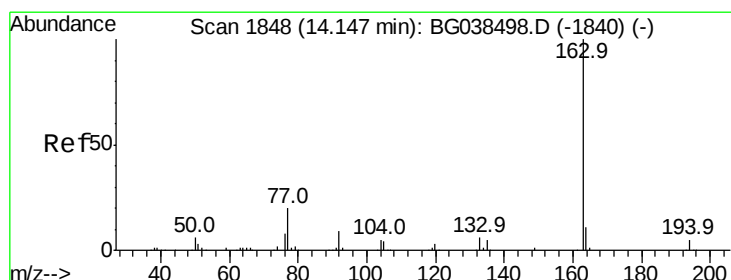
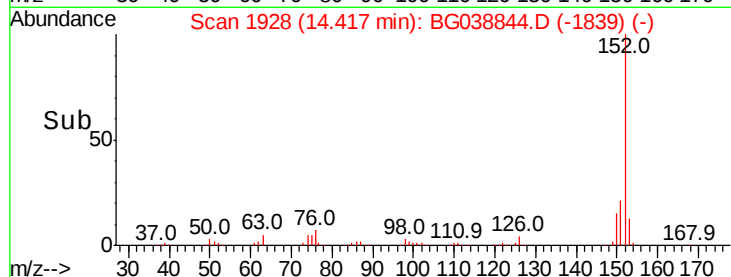
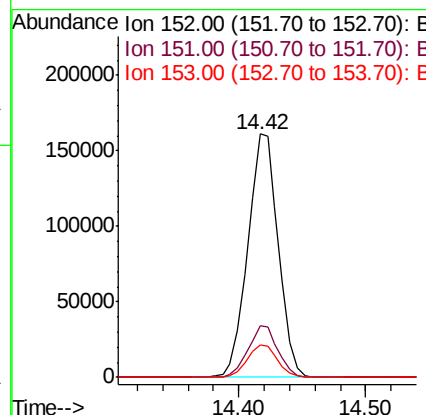
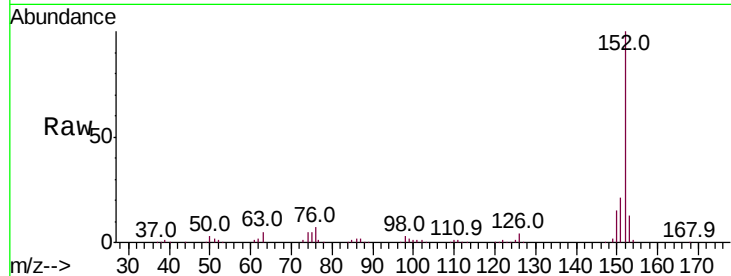
#49
Acenaphthylene
Concen: 45.307 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.4	24.6
153	13.3	10.4	15.6

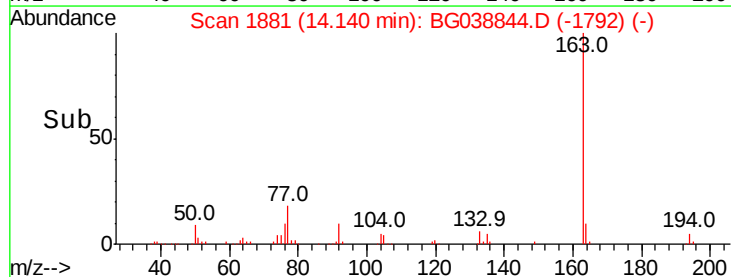
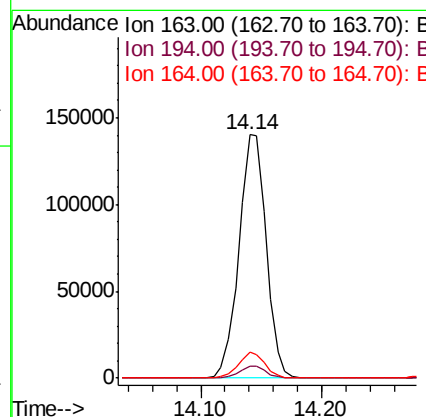
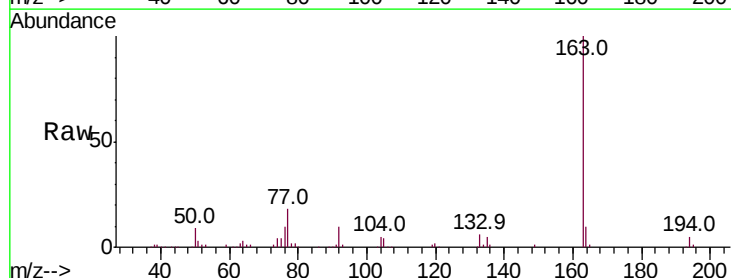
Manual Integrations
APPROVED

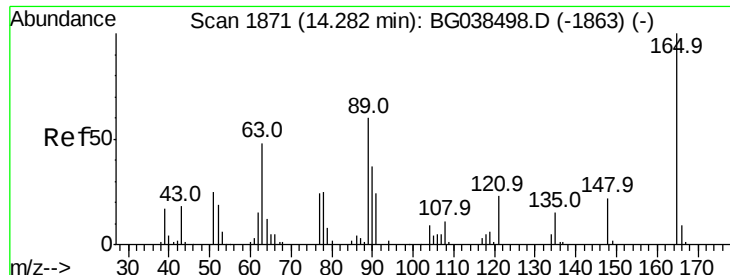
Sohil
12/28/2018 4:03:21 PM



#50
Dimethylphthalate
Concen: 44.283 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	10.5	8.6	12.8





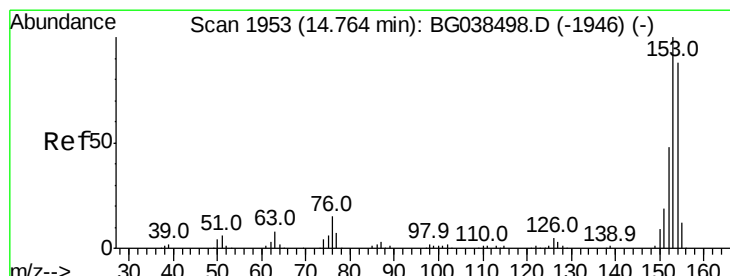
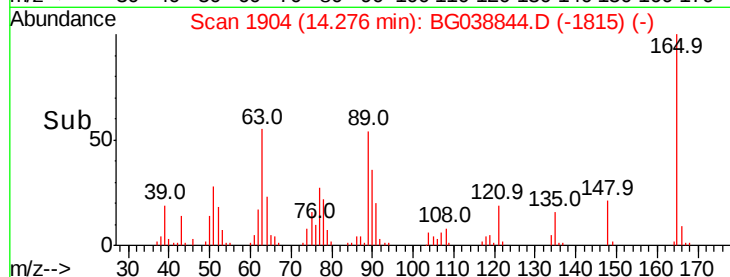
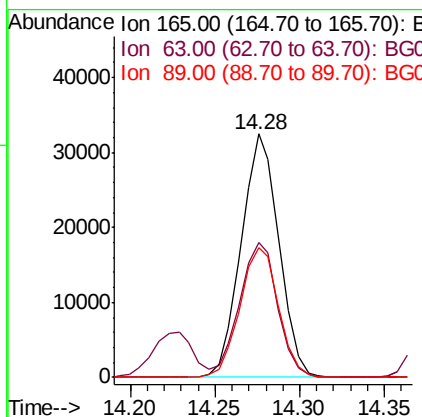
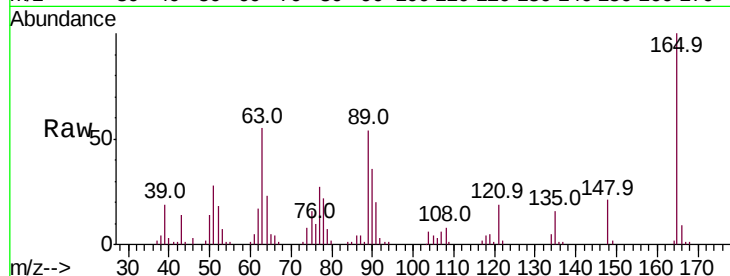
#51
 2,6-Dinitrotoluene
 Concen: 44.549 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	50300		
63	55.3		51.8	77.6
89	53.5		47.9	71.9

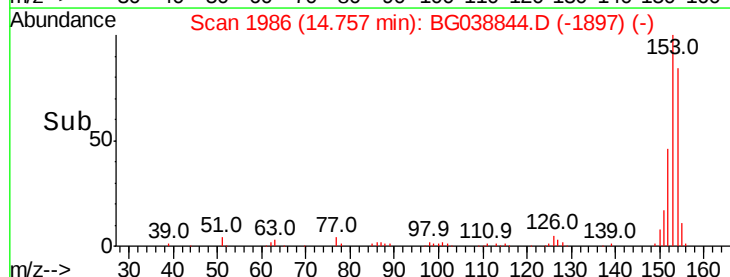
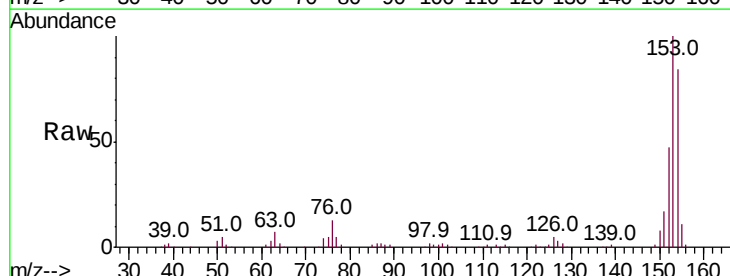
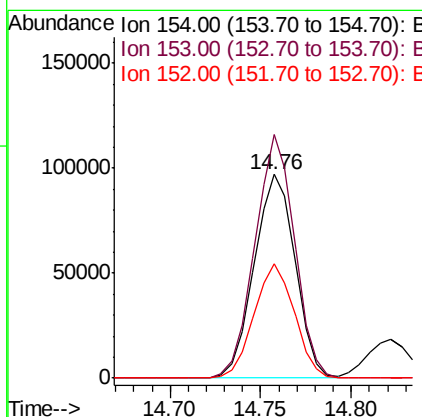
Manual Integrations
 APPROVED

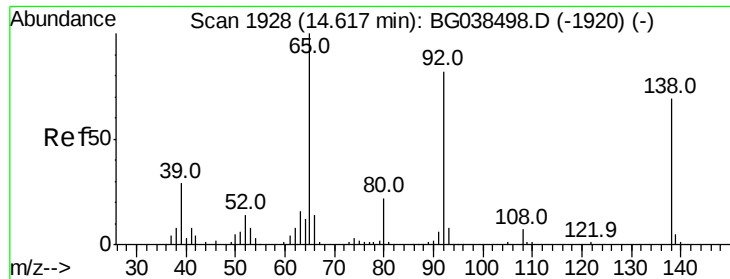
Sohil
 12/28/2018 4:03:21 PM



#52
 Acenaphthene
 Concen: 43.080 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	152150		
153	119.7		90.6	136.0
152	55.9		43.5	65.3





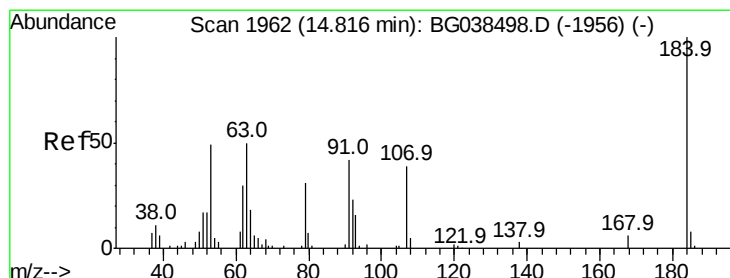
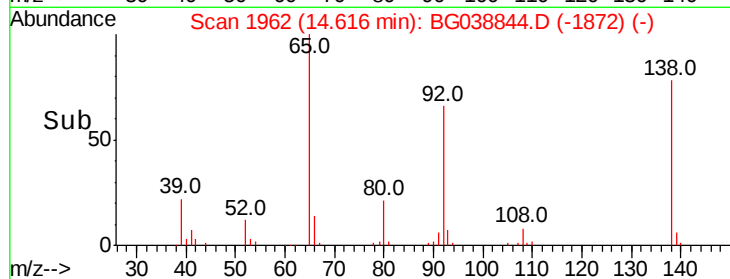
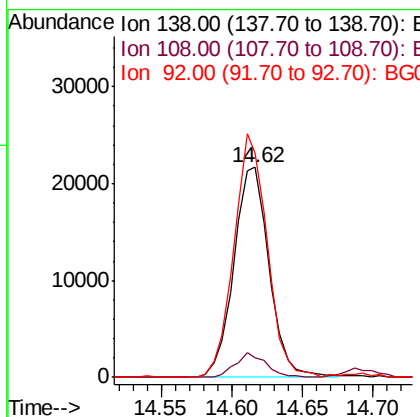
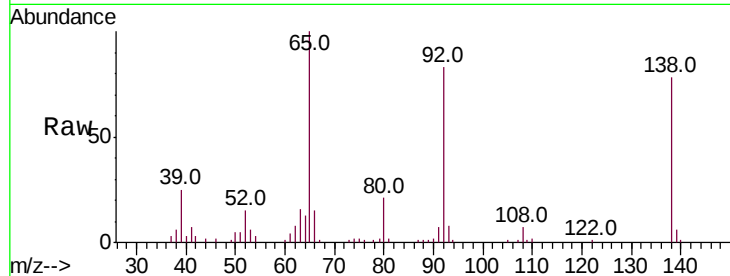
#53
3-Nitroaniline
Concen: 32.870 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	107.1	95.3	142.9

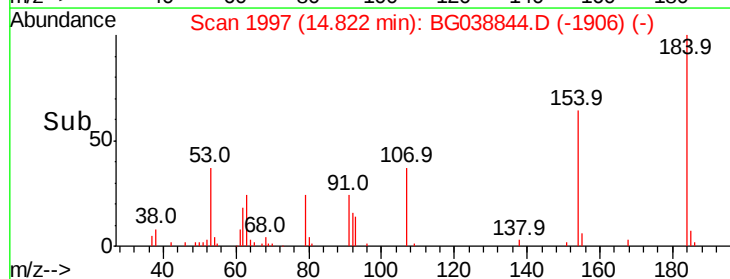
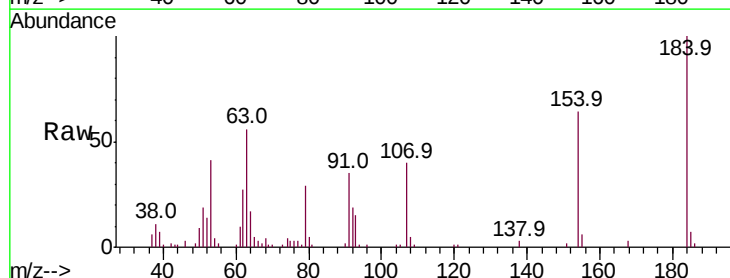
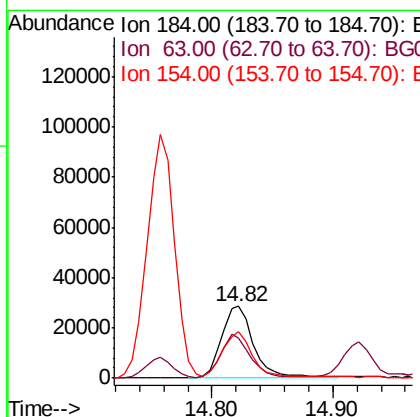
Manual Integrations
APPROVED

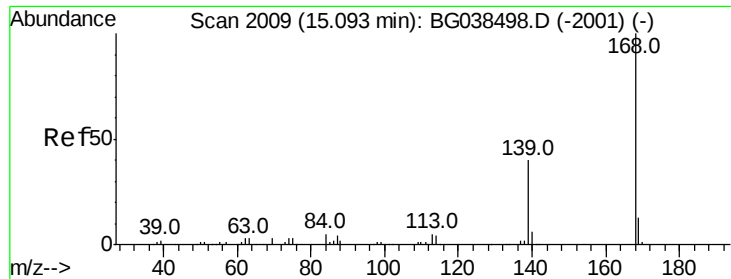
Sohil
12/28/2018 4:03:21 PM



#54
2,4-Dinitrophenol
Concen: 78.779 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.9	47.0	70.6
154	63.8	50.3	75.5





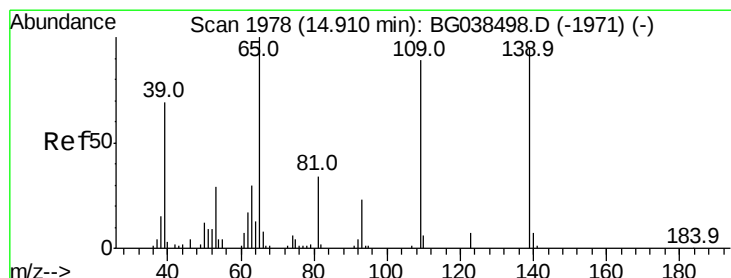
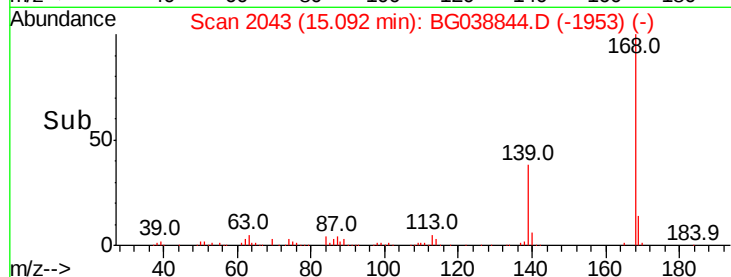
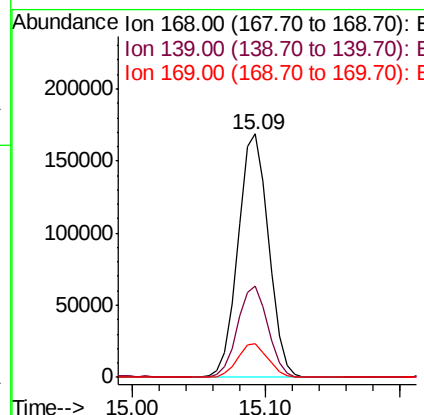
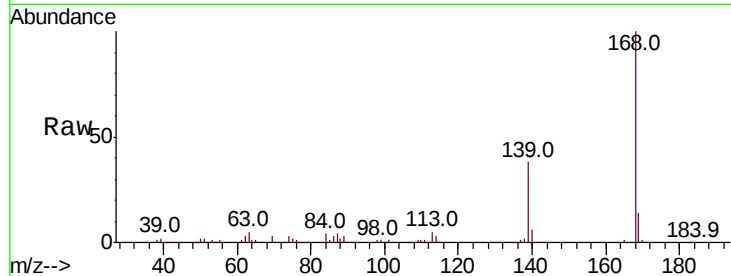
#55
Dibenzenofuran
Concen: 44.071 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	32.2	48.2
169	14.1	10.6	16.0

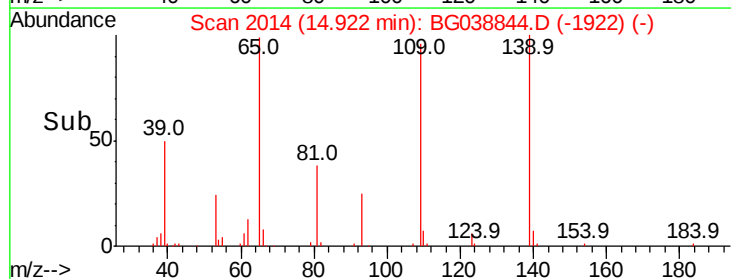
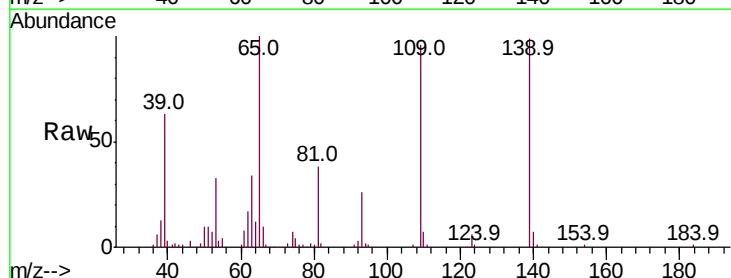
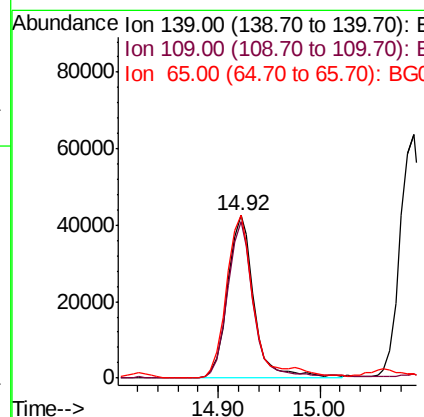
Manual Integrations
APPROVED

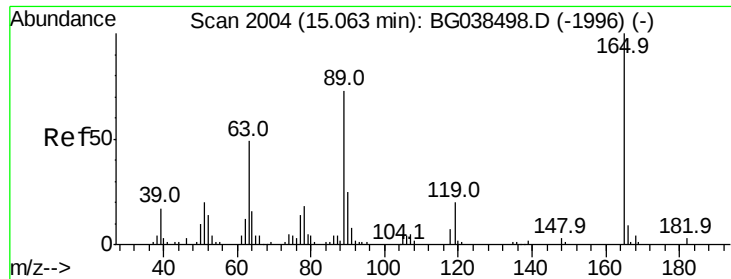
Sohil
12/28/2018 4:03:21 PM



#56
4-Nitrophenol
Concen: 88.668 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.3	73.6	113.6
65	100.6	84.8	124.8





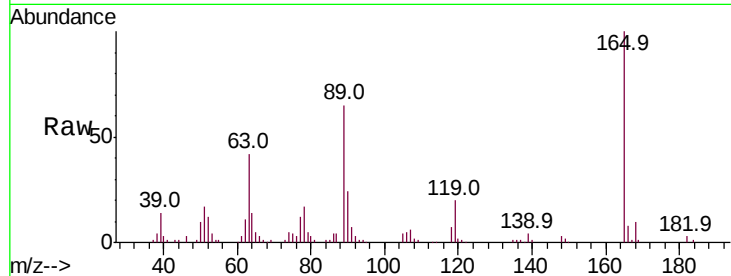
#57
 2,4-Dinitrotoluene
 Concen: 46.298 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	39.0	58.4
89	65.1	58.0	87.0
182	2.9	2.3	3.5

Manual Integrations
 APPROVED

Sohil
 12/28/2018 4:03:21 PM



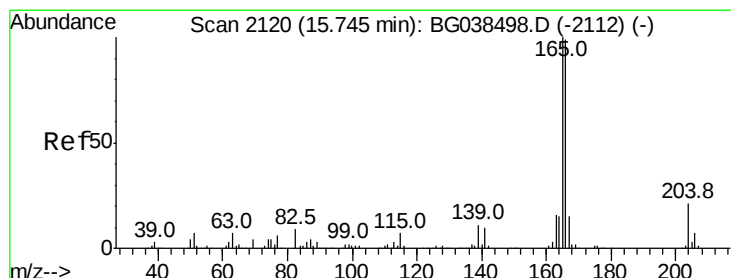
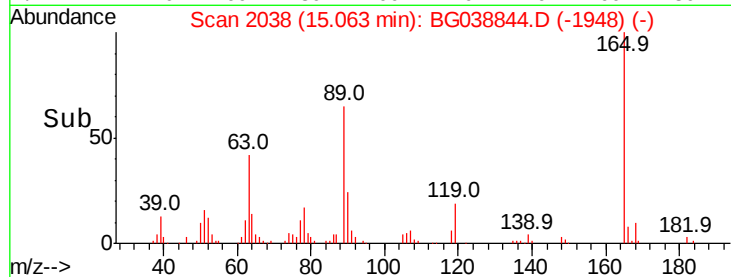
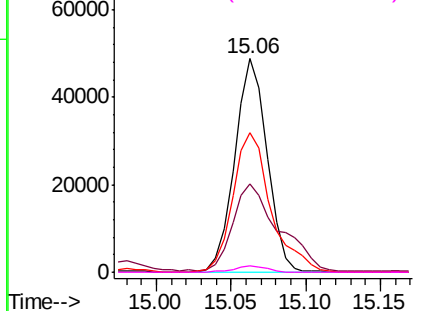
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

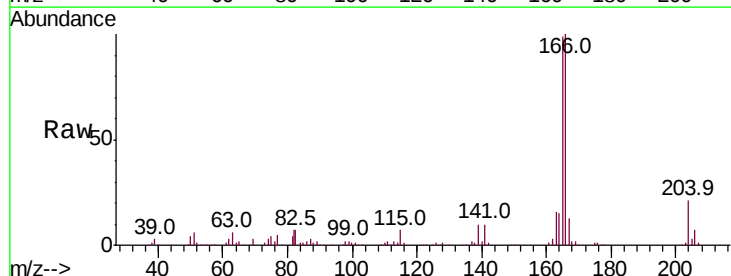
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 48.627 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.6	120.8
167	13.2	12.0	18.0

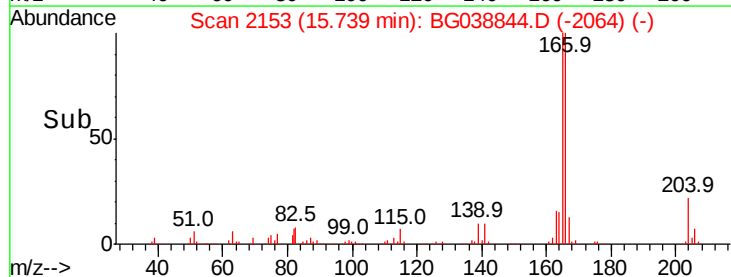
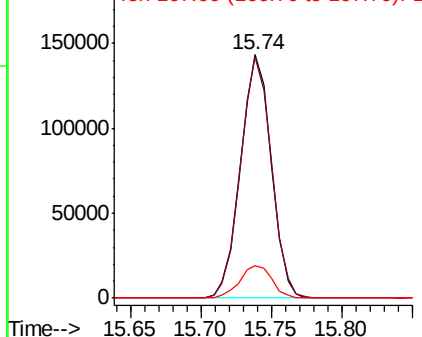


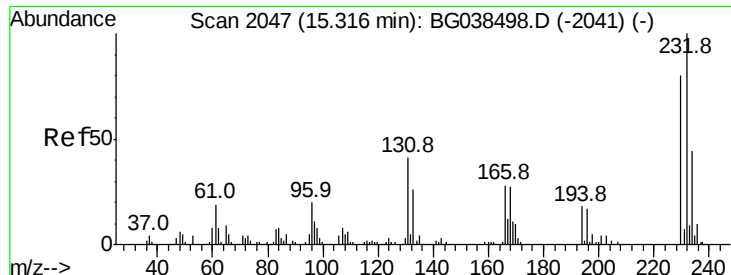
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





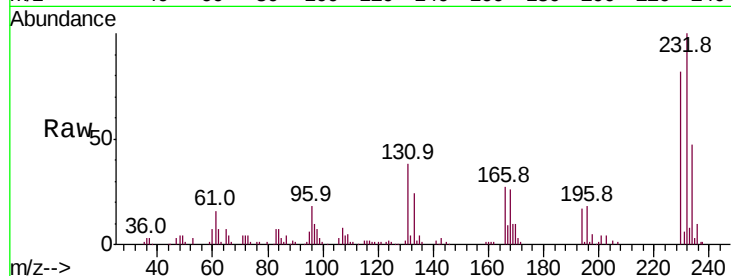
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.253 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.0	33.0	49.4
130	2.3	2.0	3.0
166	27.3	23.1	34.7

Manual Integrations
 APPROVED

Sohil
 12/28/2018 4:03:21 PM



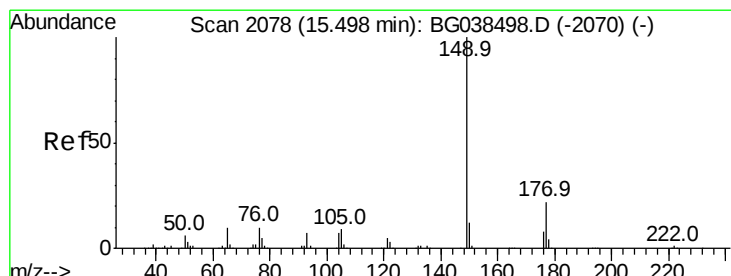
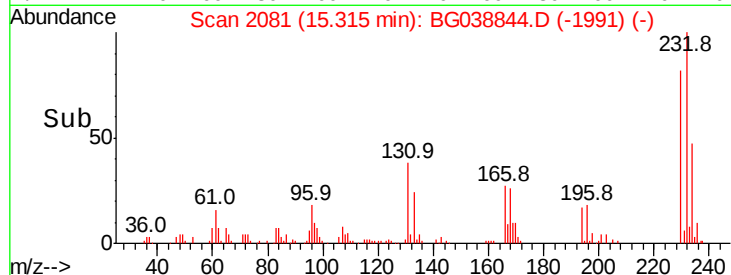
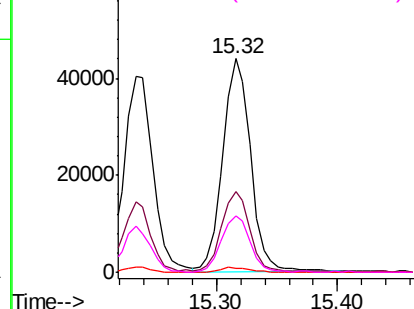
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.311 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

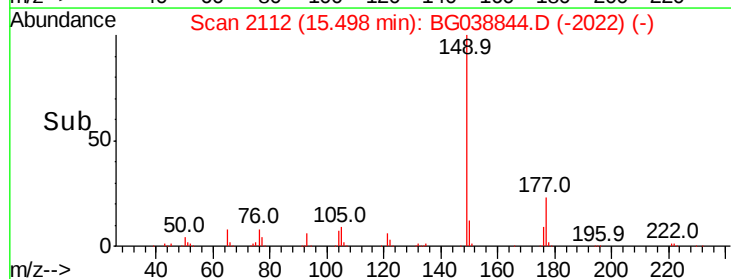
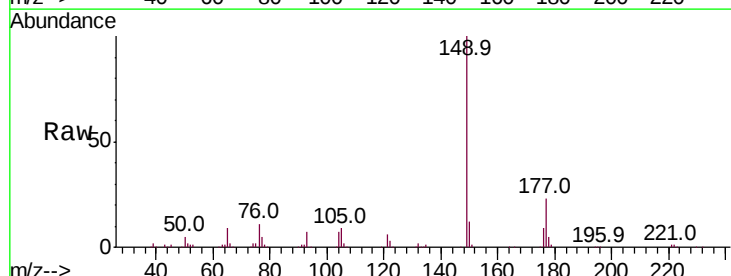
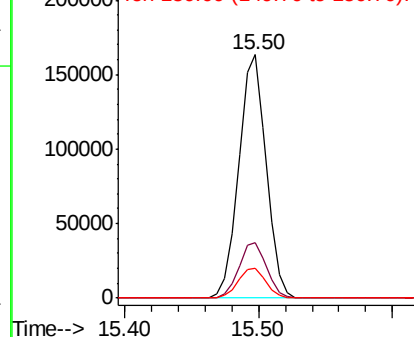
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.7	26.5
150	12.4	9.9	14.9

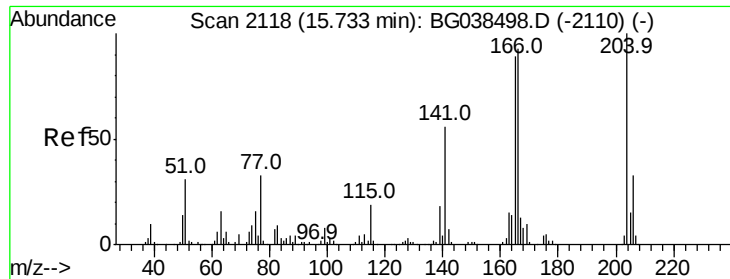
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





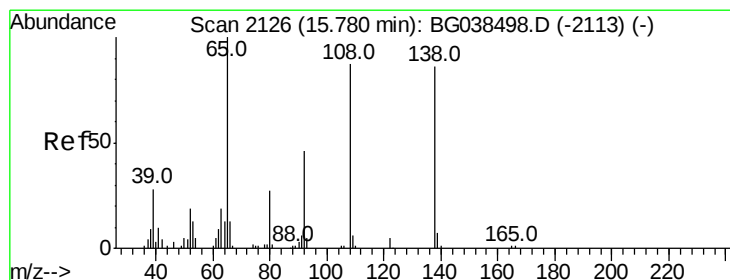
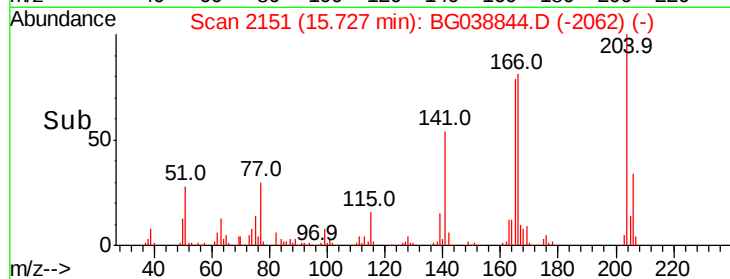
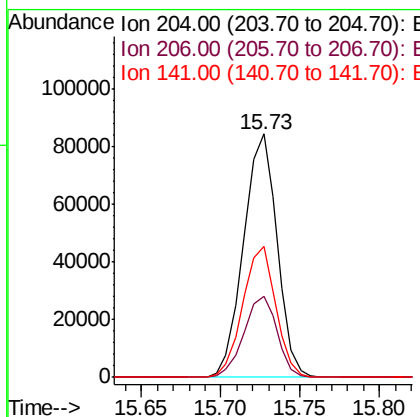
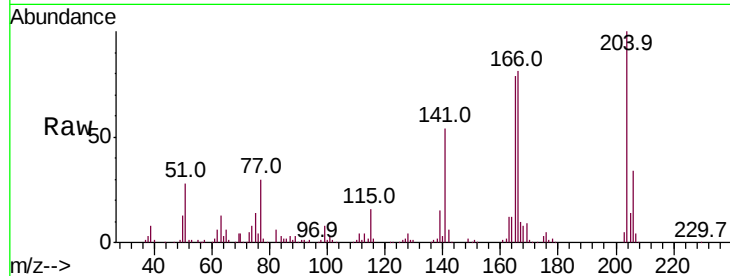
#61
 4-Chlorophenyl-phenylether
 Concen: 44.280 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleID :
 PB116010BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.0	39.0
141	53.8	44.4	66.6

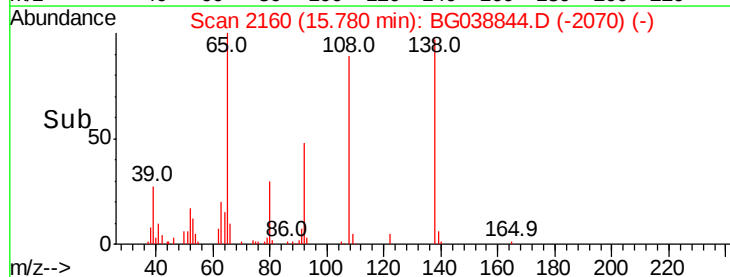
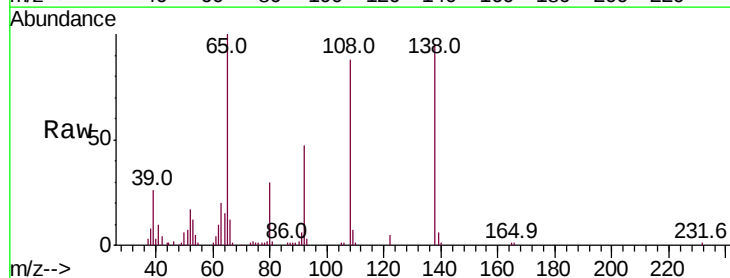
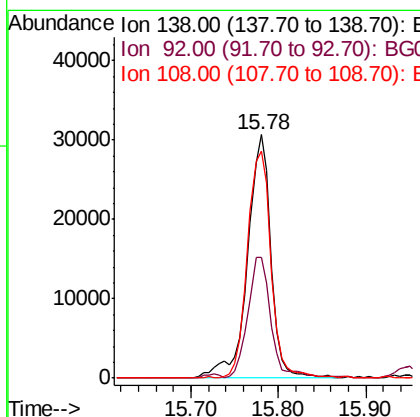
Manual Integrations
 APPROVED

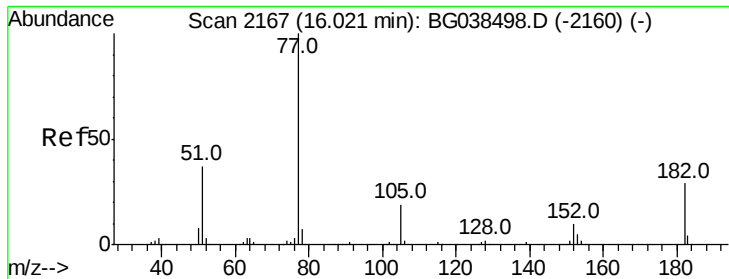
Sohil
 12/28/2018 4:03:21 PM



#62
 4-Nitroaniline
 Concen: 46.508 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	33.3	73.3
108	93.3	81.4	121.4





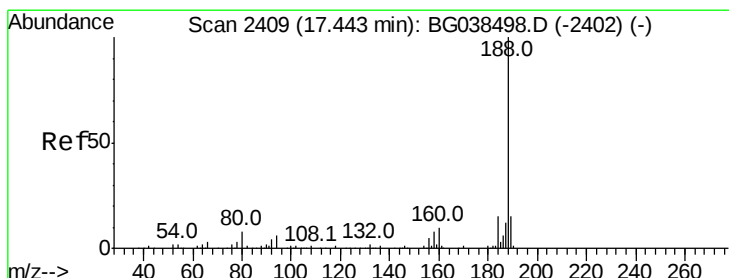
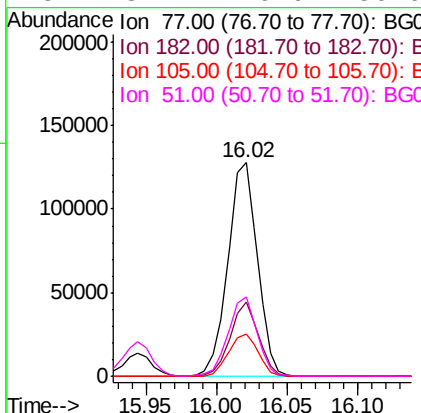
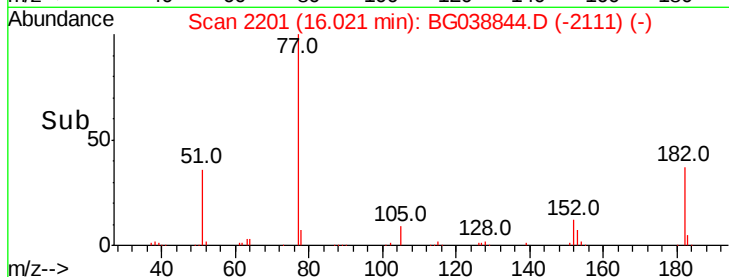
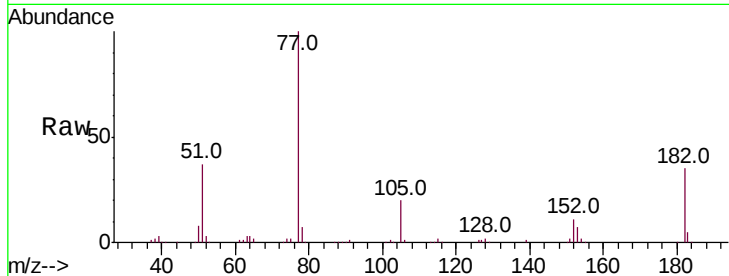
#63
Azobenzene
Concen: 40.820 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	186515		
182	34.7	8.7	48.7	
105	20.1	0.0	38.7	
51	37.4	16.6	56.6	

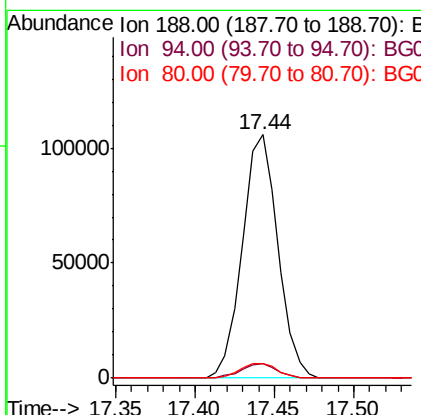
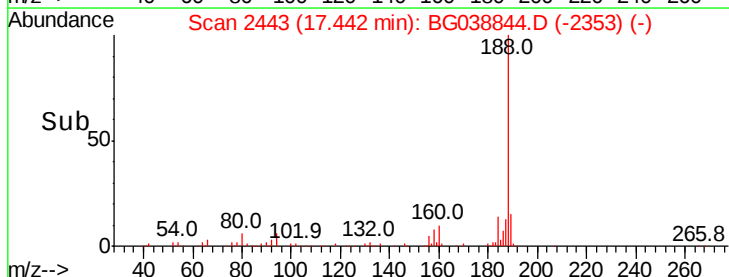
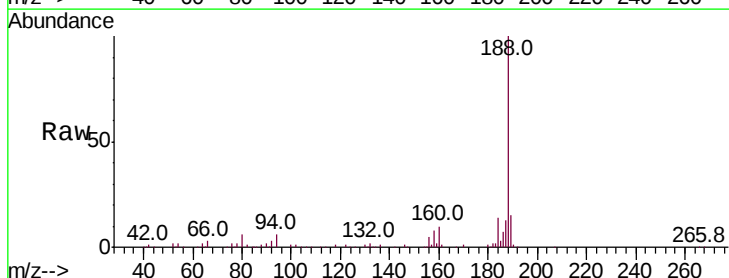
Manual Integrations
APPROVED

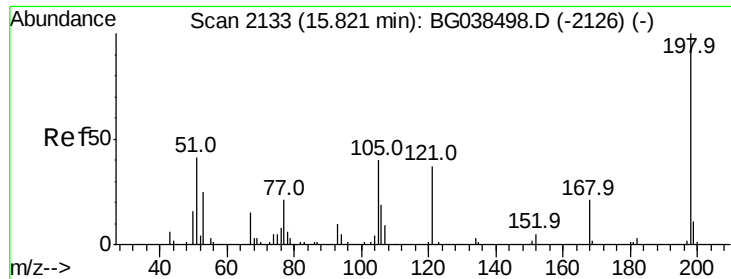
Sohil
12/28/2018 4:03:21 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	164678		
94	6.2	5.1	7.7	
80	6.2	6.1	9.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 39.589 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

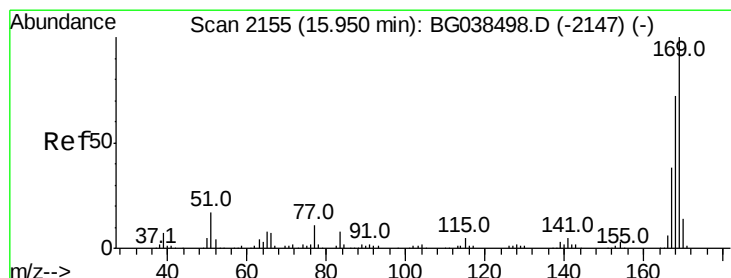
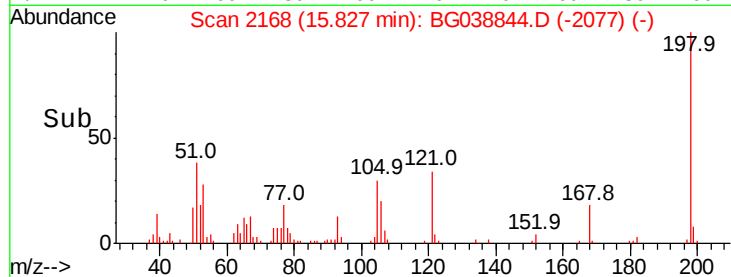
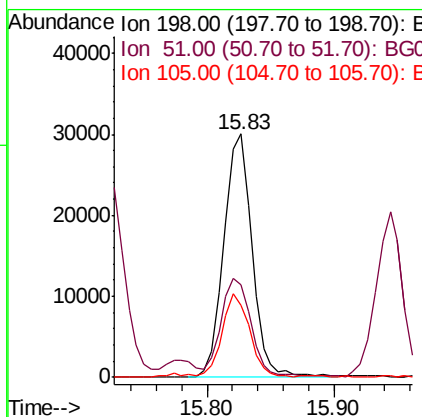
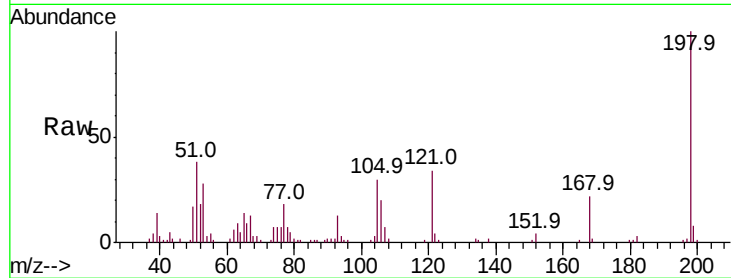
ClientSampleId :

PB116010BS

Tot Ion:	198	Resp:	46506
Ion Ratio	Lower	Upper	
198	100		
51	38.1	28.6	68.6
105	29.8	20.4	60.4

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#66

n-Nitrosodiphenylamine

Concen: 42.171 ng

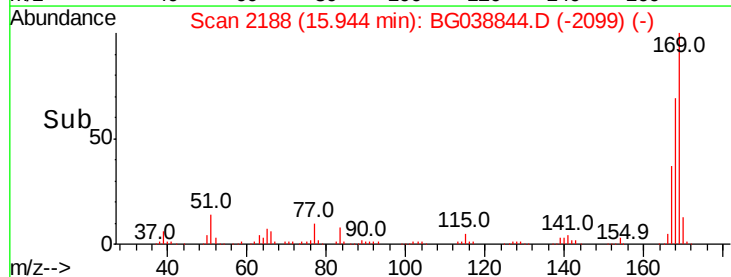
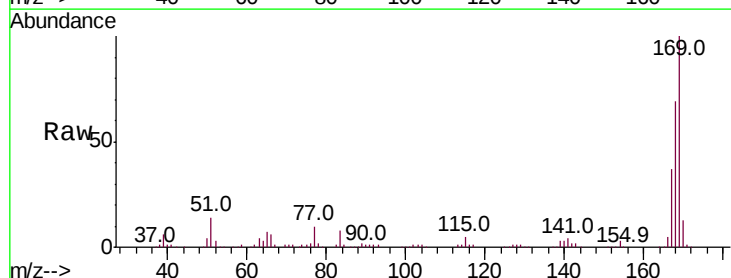
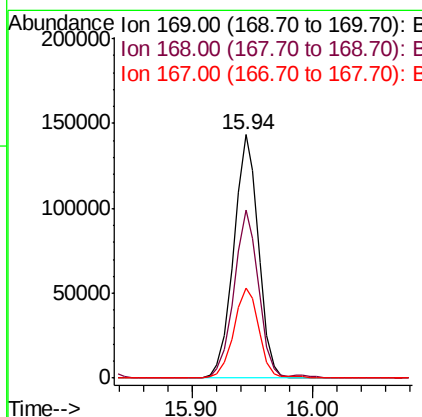
RT: 15.94 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion:	169	Resp:	204051
Ion Ratio	Lower	Upper	
169	100		
168	69.3	57.5	86.3
167	36.8	30.2	45.2





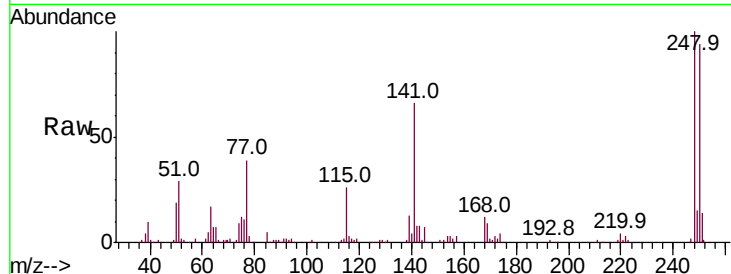
#67
4-Bromophenyl-phenylether
Concen: 43.397 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.1	73.4	110.2
141	66.0	52.9	79.3

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM

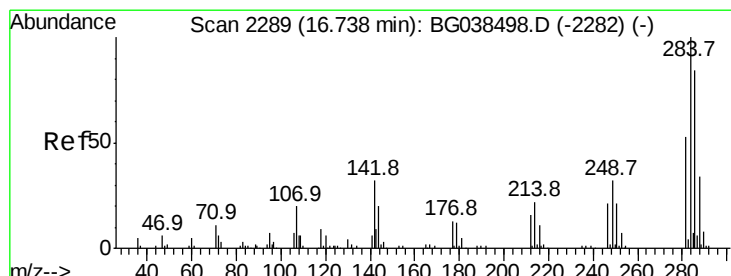
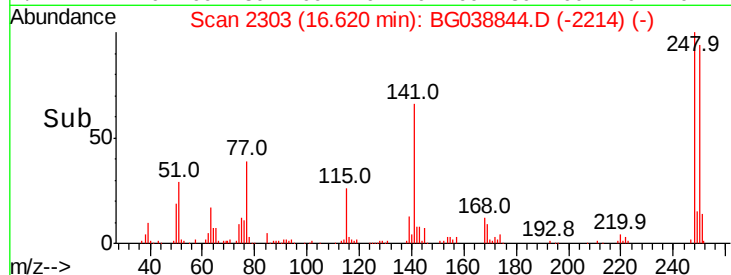
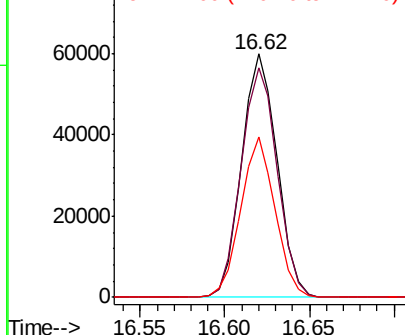


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.787 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

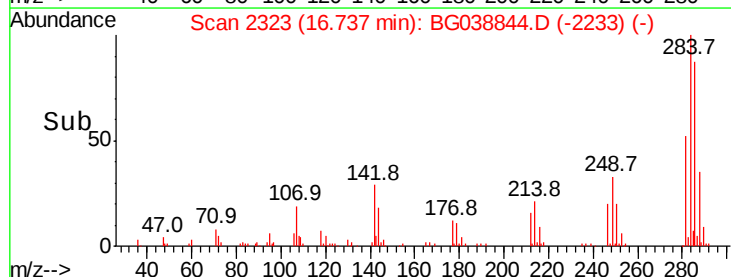
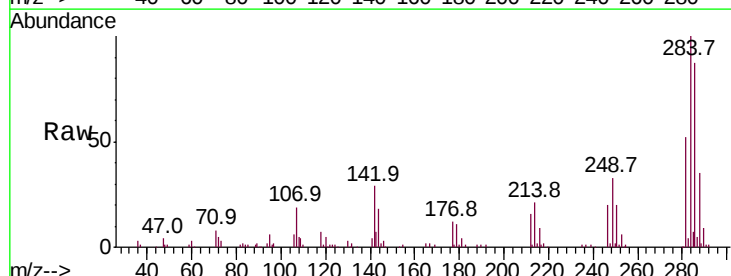
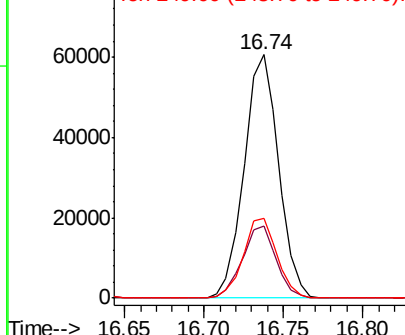
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	25.8	38.6
249	35.4	27.0	40.4

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





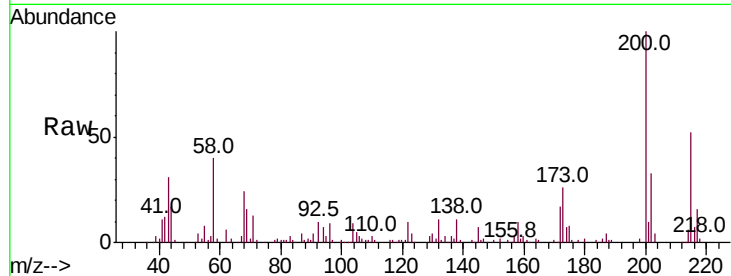
#69
Atrazine
Concen: 47.229 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.9	45.9
215	51.6	33.1	73.1

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM

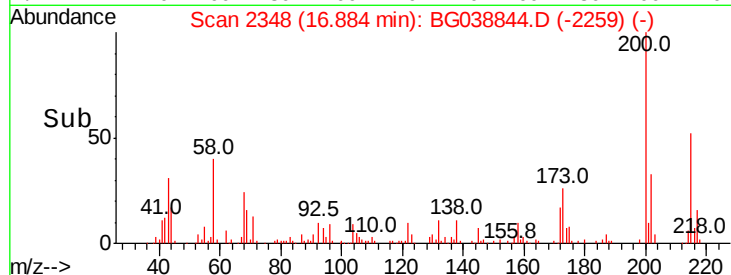
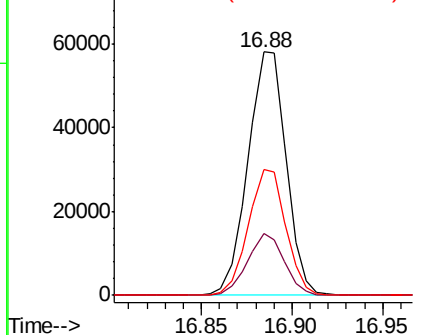


Abundance

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: 76.157 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

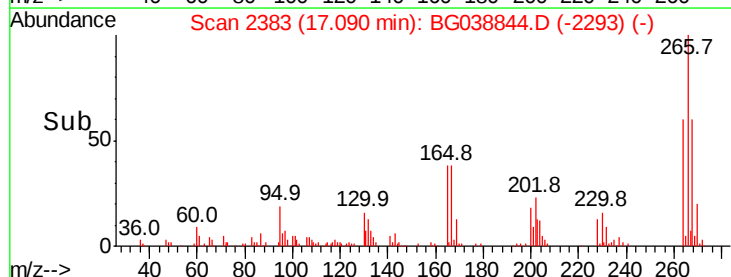
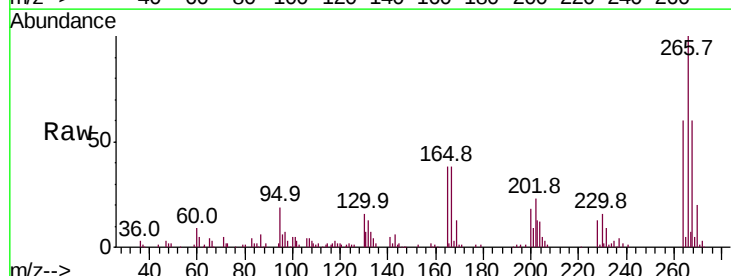
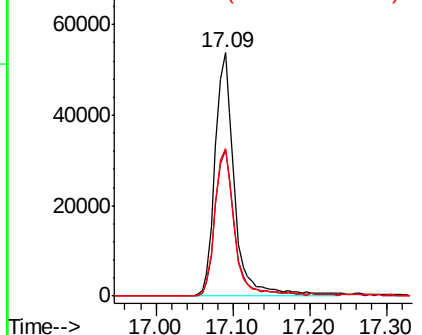
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	55.0	82.6
264	60.5	56.7	85.1

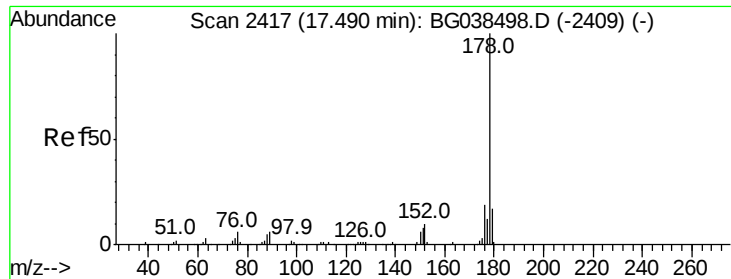
Abundance

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





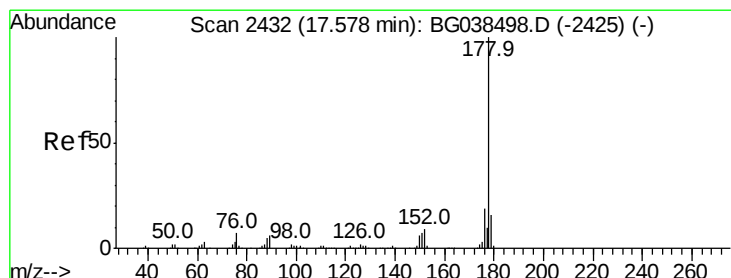
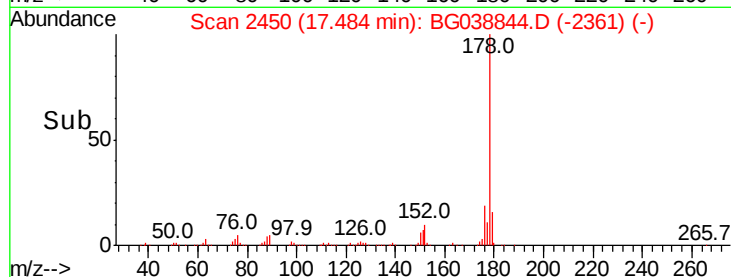
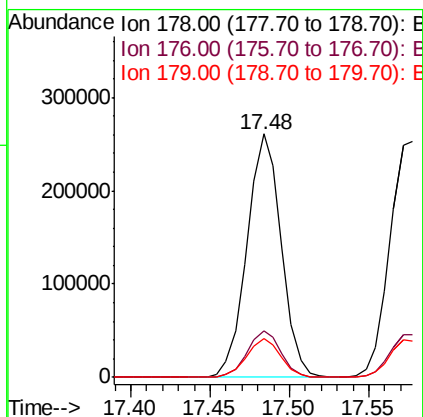
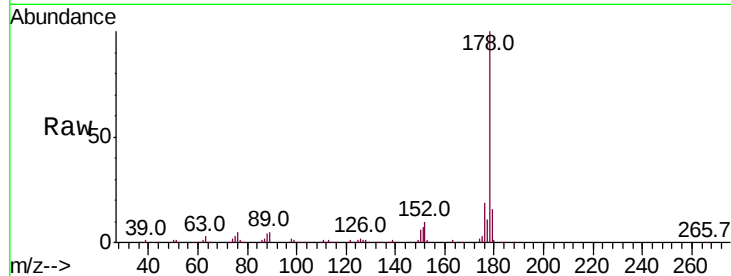
#71
Phenanthrene
Concen: 45.763 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	16.0	13.2	19.8

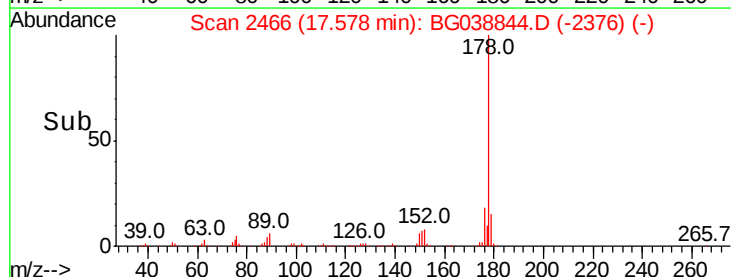
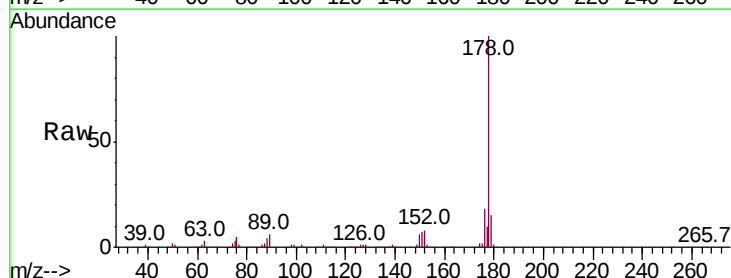
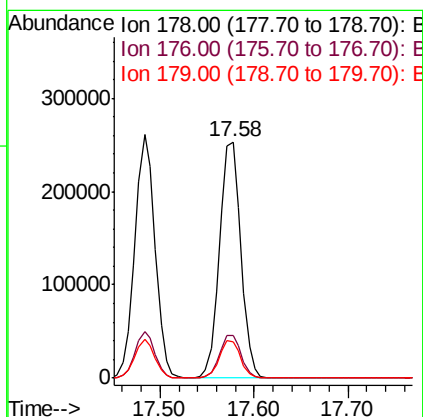
Manual Integrations
APPROVED

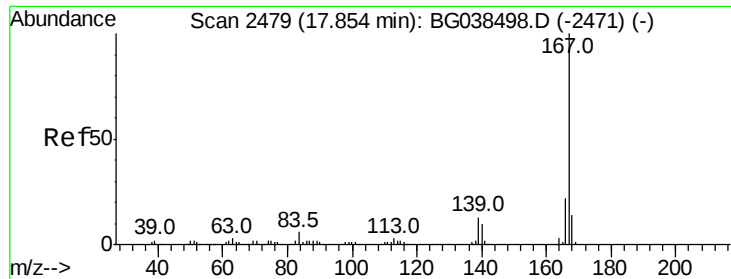
Sohil
12/28/2018 4:03:21 PM



#72
Anthracene
Concen: 47.788 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.2	12.9	19.3





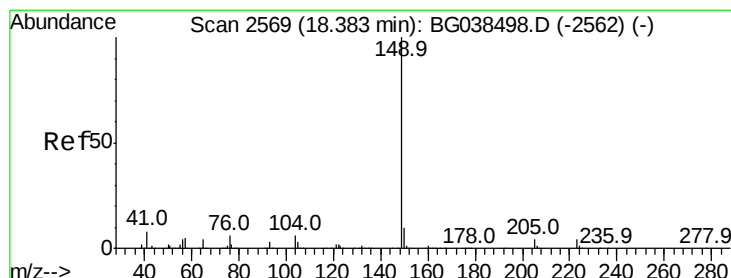
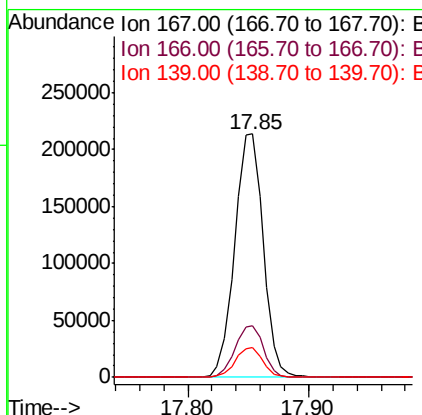
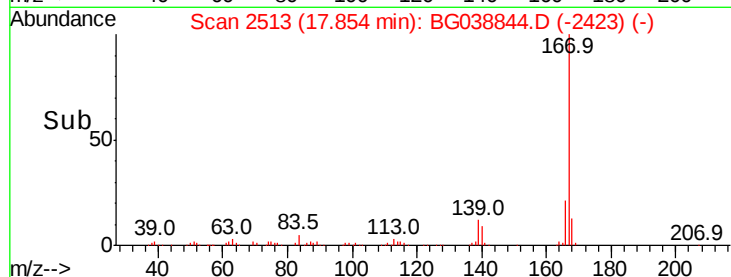
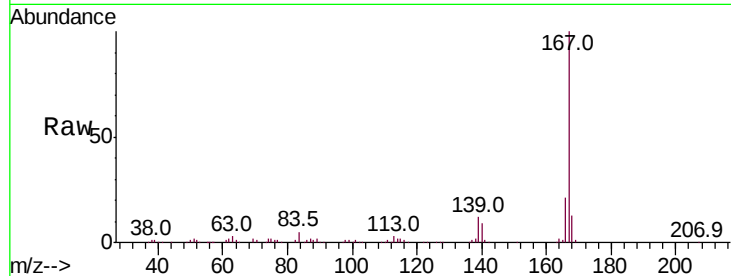
#73
 Carbazole
 Concen: 42.378 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BS

Tot Ion:	167	Resp:	353327
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.9	26.9
139	12.5	10.2	15.2

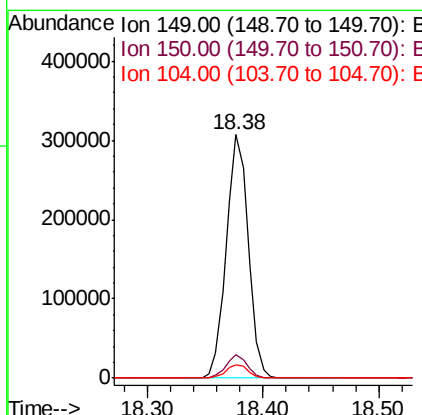
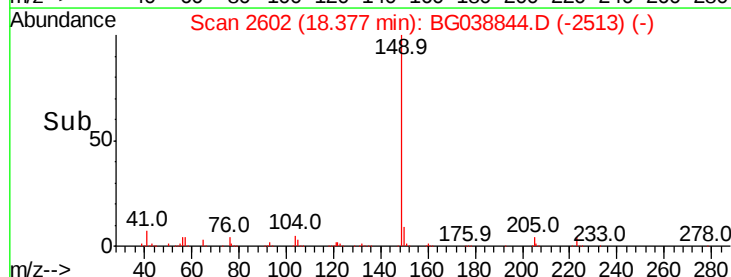
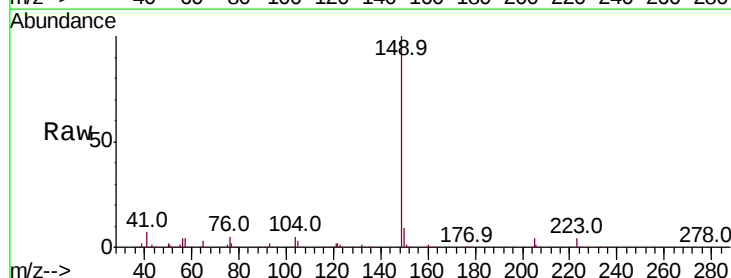
Manual Integrations
 APPROVED

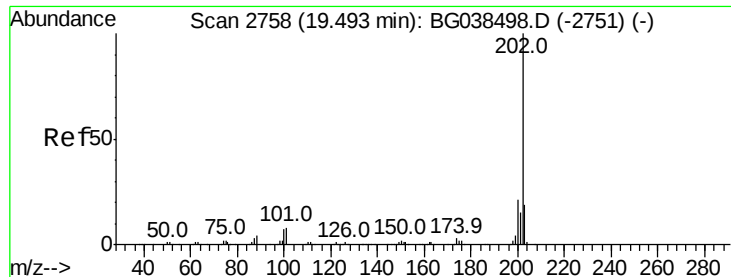
Sohil
 12/28/2018 4:03:21 PM



#74
 Di-n-butylphthalate
 Concen: 42.125 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BG038844.D
 Acq: 27 Dec 2018 15:25

Tgt Ion:	149	Resp:	403001
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 45.431 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

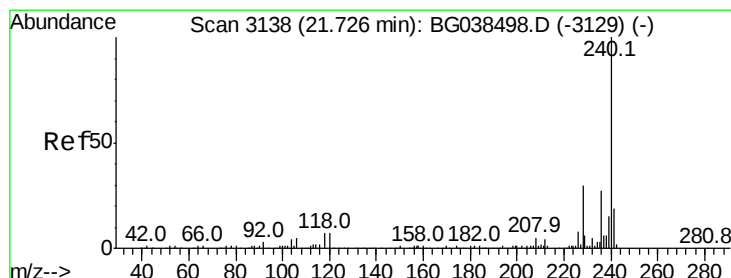
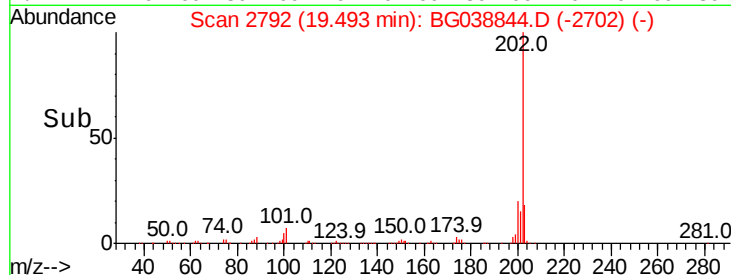
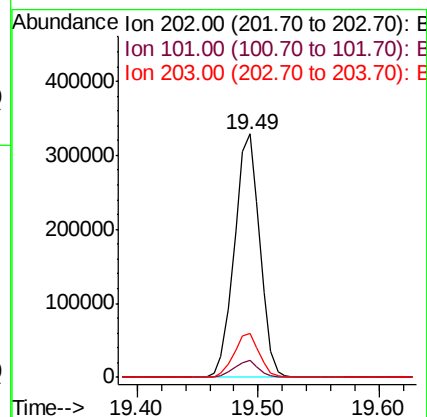
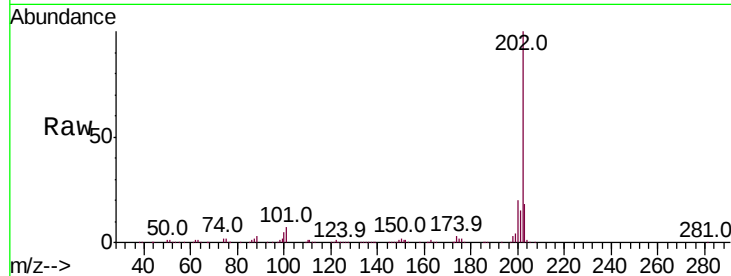
ClientSampleId :

PB116010BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	480024		
101	6.8	0.0	28.1	
203	17.9	0.0	39.0	

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#76

Chrysene-d12

Concen: 20.000 ng

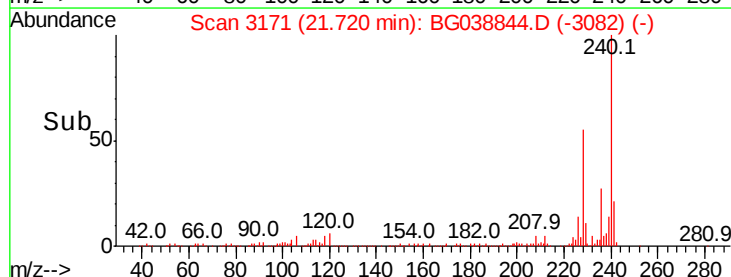
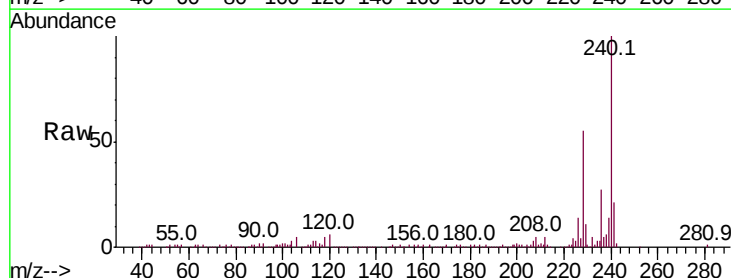
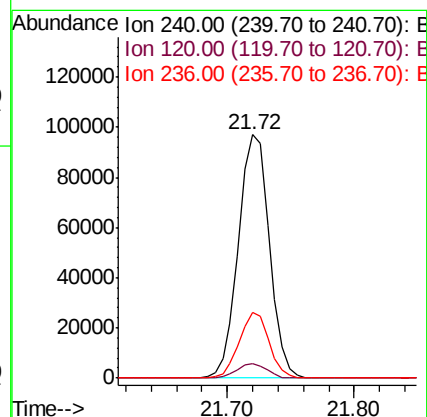
RT: 21.72 min Scan# 3171

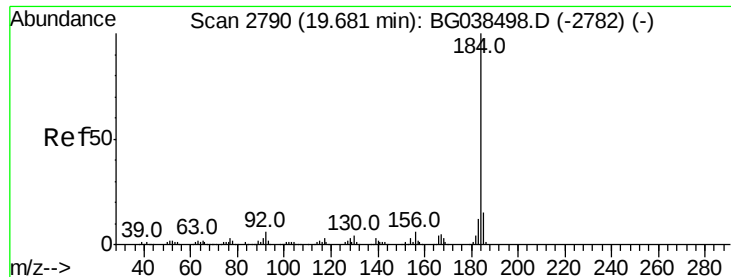
Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	164056		
120	5.8	5.3	7.9	
236	27.0	21.4	32.2	





#77

Benzidine

Concen: 45.134 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

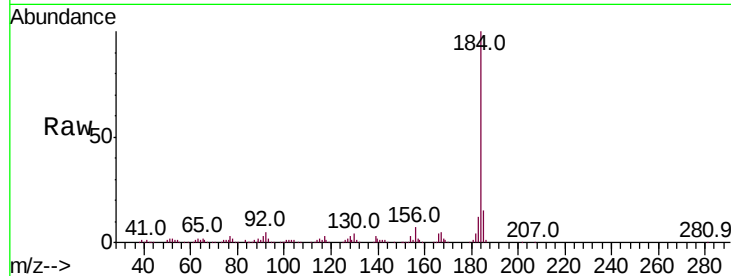
ClientSampleId :

PB116010BS

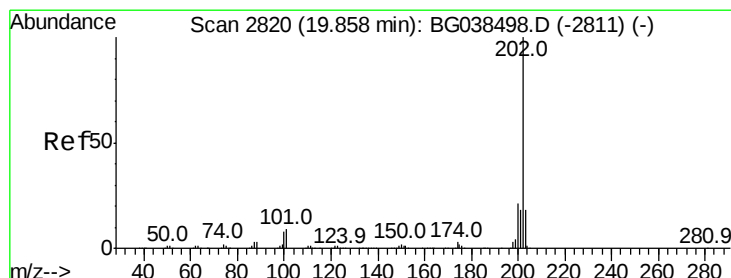
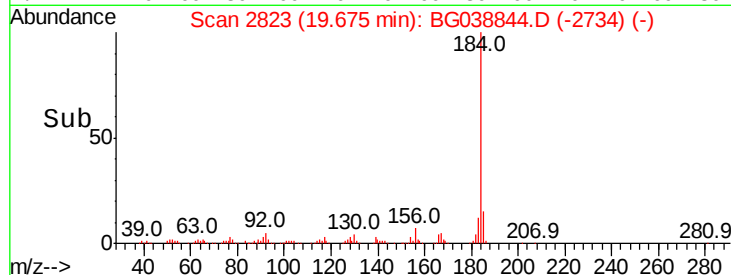
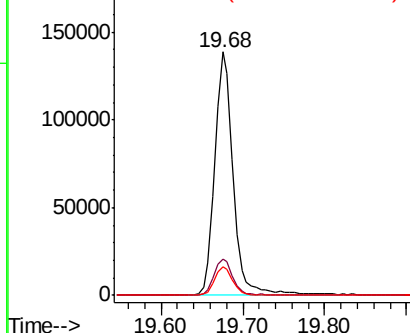
Tot Ion:	184	Resp:	218979
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	11.9	9.6	14.4

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.773 ng

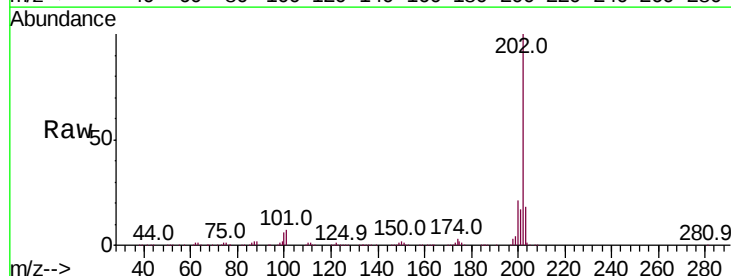
RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

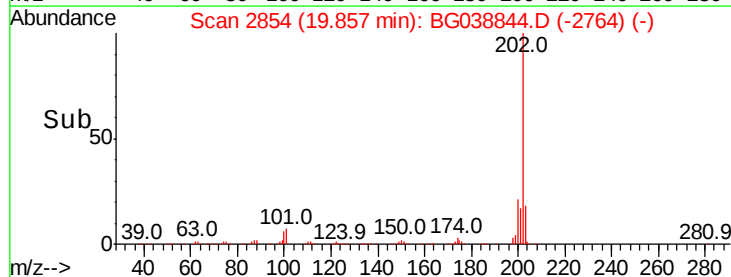
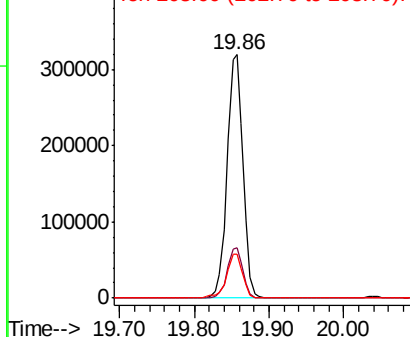
Lab File: BG038844.D

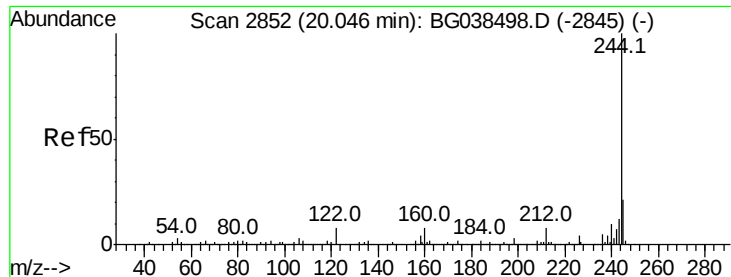
Acq: 27 Dec 2018 15:25

Tgt Ion:	202	Resp:	474412
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	25.0
203	18.1	14.6	21.8



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





#79

Terphenyl-d14

Concen: 83.186 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

PB116010BS

Tot Ion:244 Resp: 627069

Ion Ratio Lower Upper

244 100

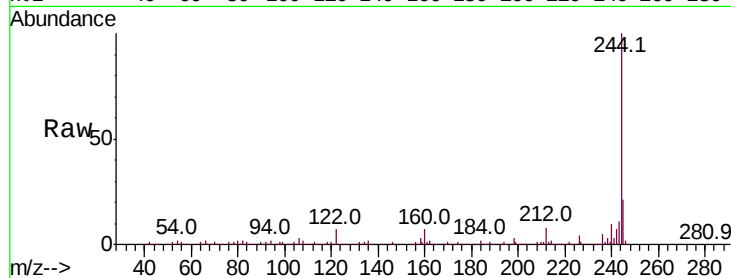
212 7.6 6.2 9.2

122 6.8 6.3 9.5

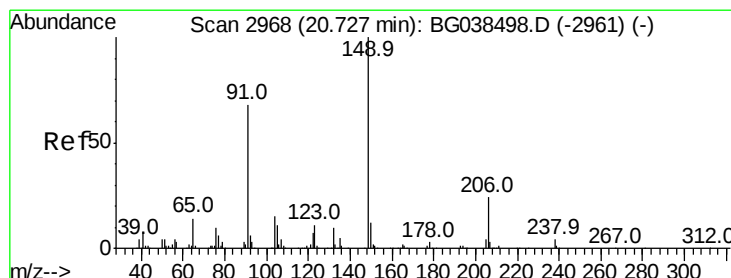
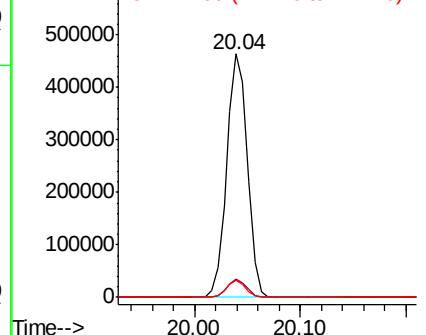
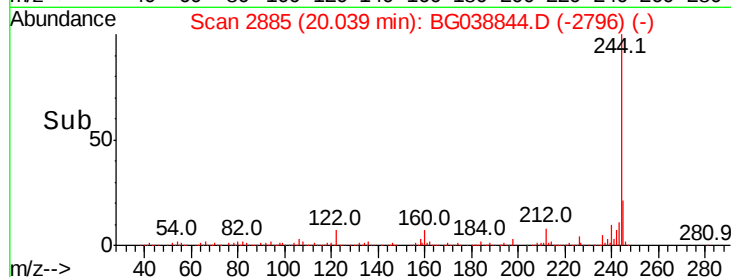
Manual Integrations
APPROVED

Sohil

12/28/2018 4:03:21 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: 40.647 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

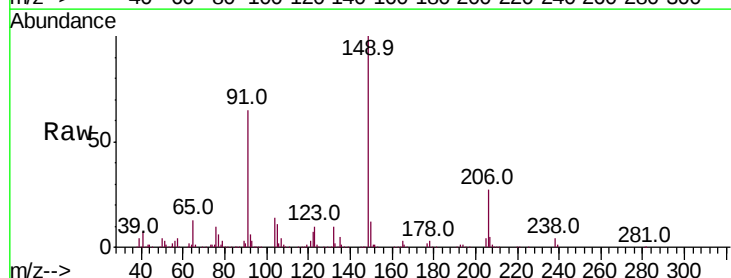
Tgt Ion:149 Resp: 172111

Ion Ratio Lower Upper

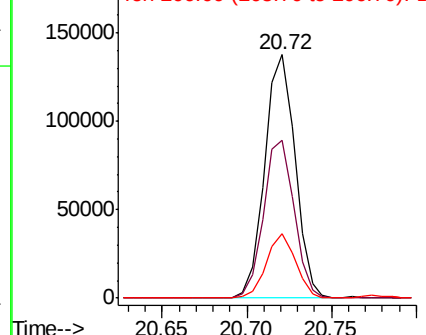
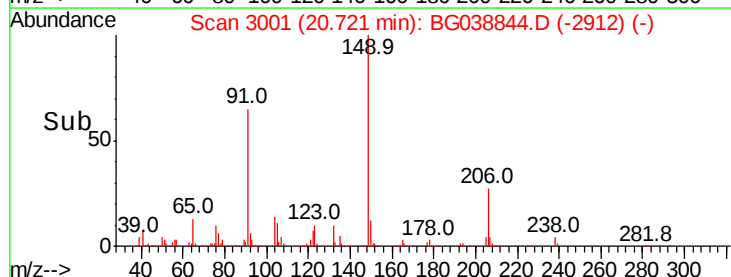
149 100

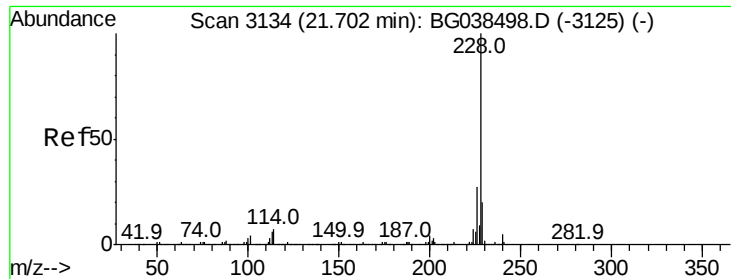
91 64.9 54.5 81.7

206 26.6 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: 45.223 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

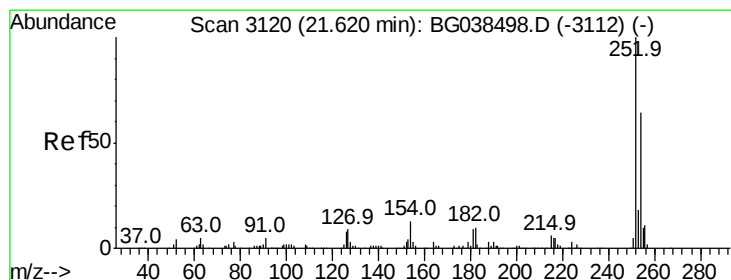
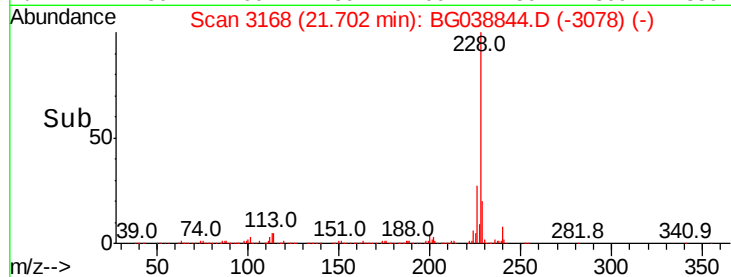
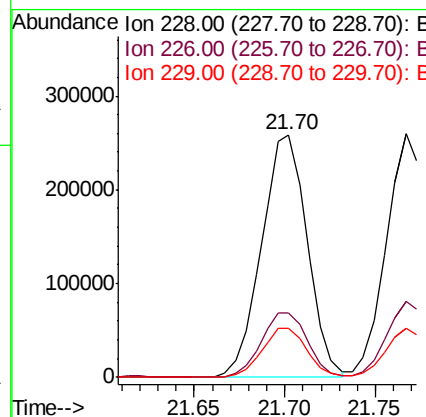
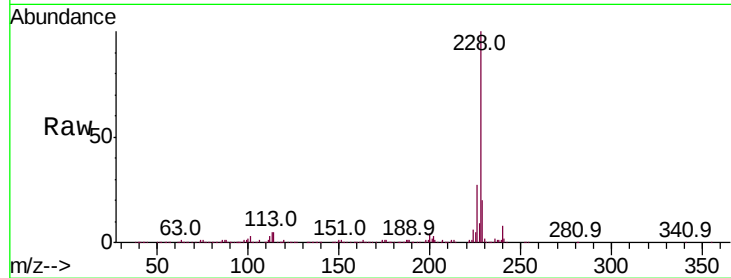
ClientSampleId :

PB116010BS

Tot Ion:	228	Resp:	452083
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.8	32.8
229	20.2	15.8	23.6

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#82

3,3'-Dichlorobenzidine

Concen: 32.870 ng

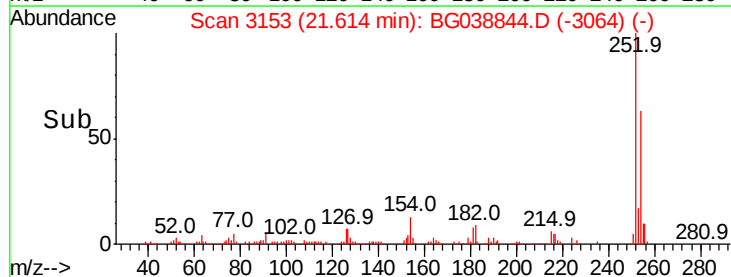
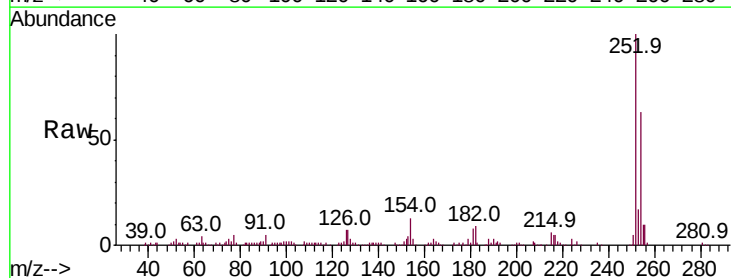
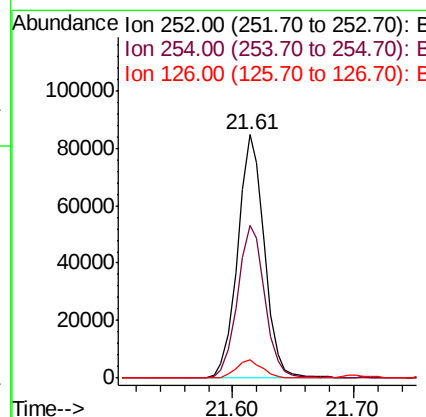
RT: 21.61 min Scan# 3153

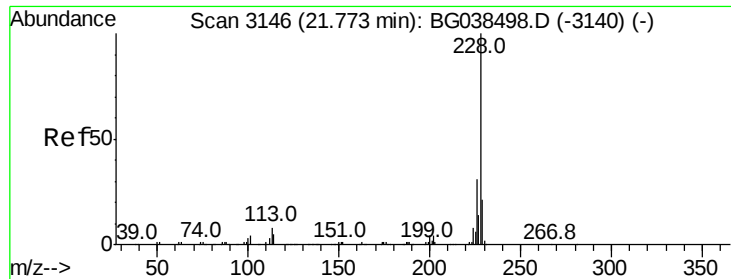
Delta R.T. -0.01 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion:	252	Resp:	130322
Ion Ratio	Lower	Upper	
252	100		
254	62.7	50.9	76.3
126	7.3	6.3	9.5





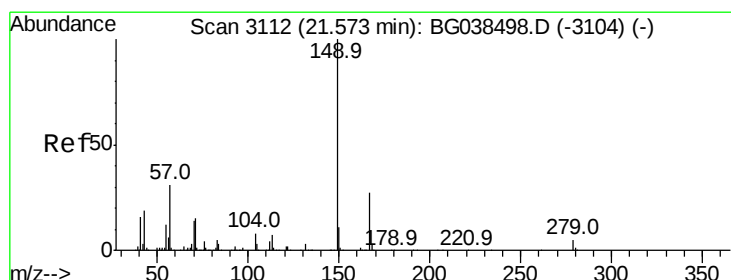
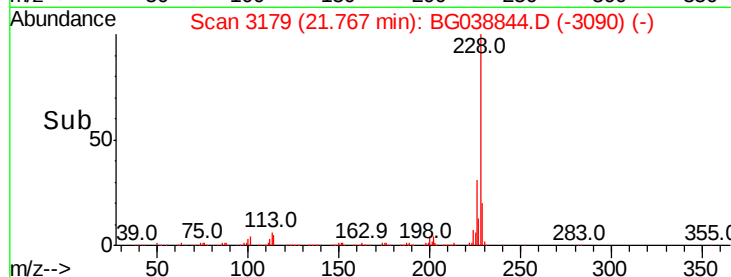
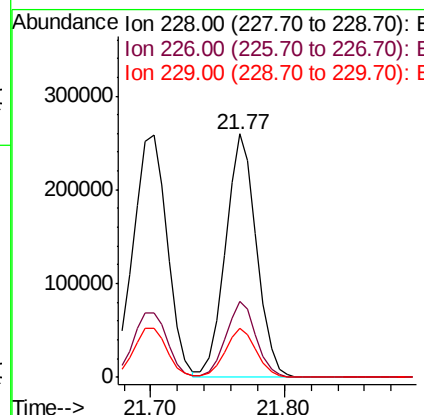
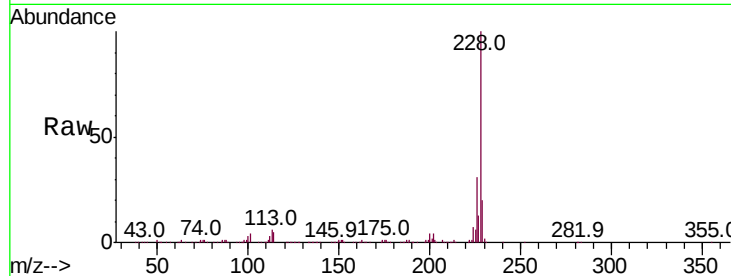
#83
Chrysene
Concen: 43.552 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.4
229	20.2	16.5	24.7

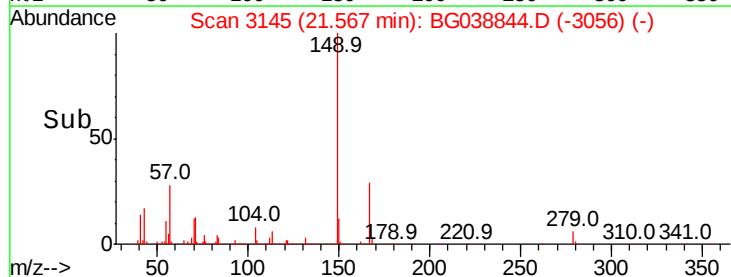
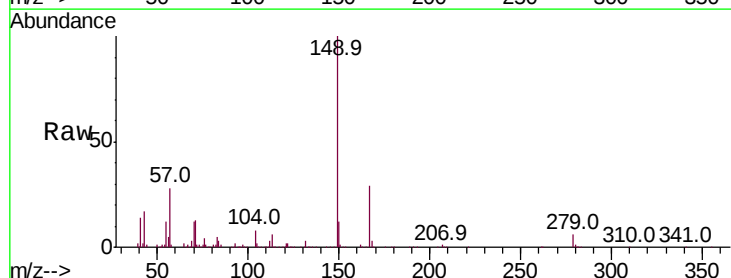
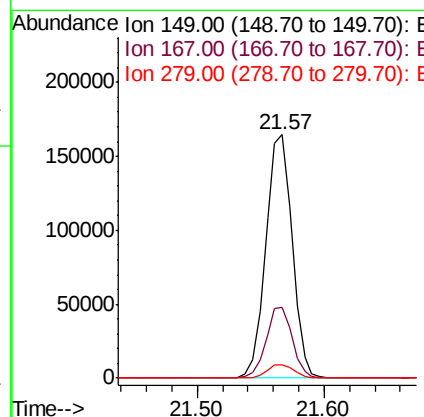
Manual Integrations
APPROVED

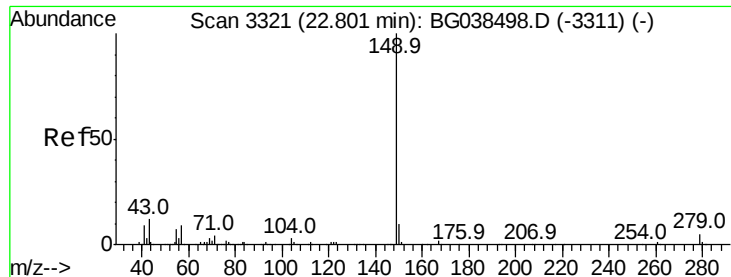
Sohil
12/28/2018 4:03:21 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.816 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.9	32.9
279	5.5	4.2	6.2





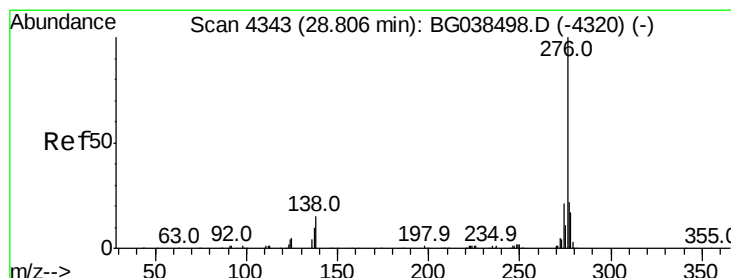
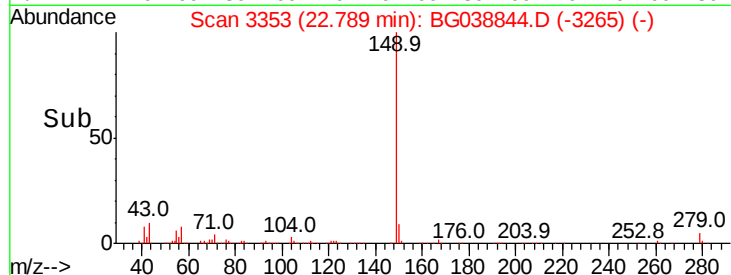
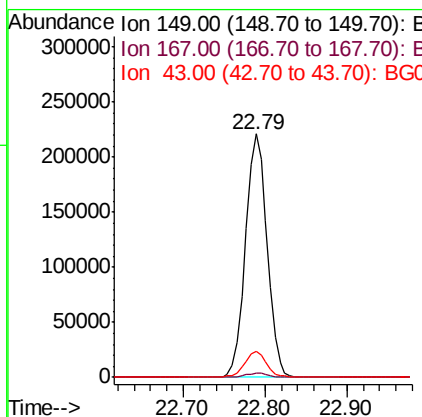
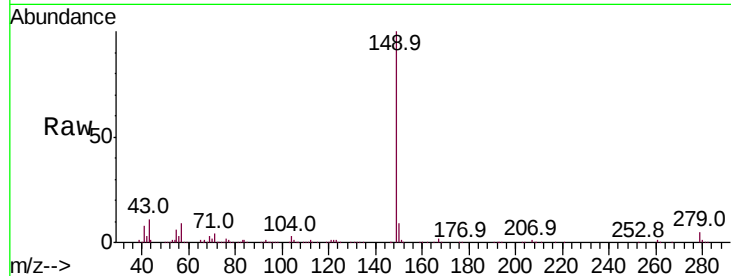
#85
Di-n-octyl phthalate
Concen: 40.364 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	10.3	9.3	13.9	

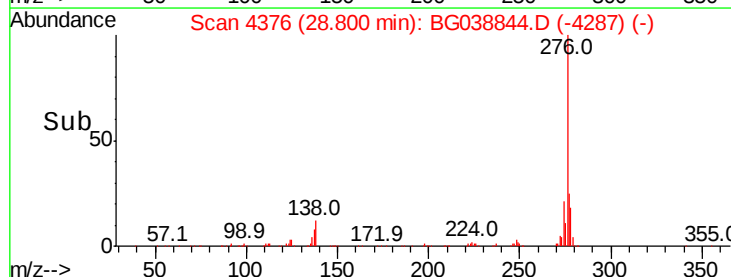
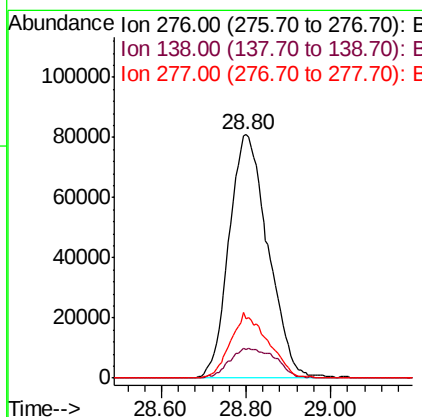
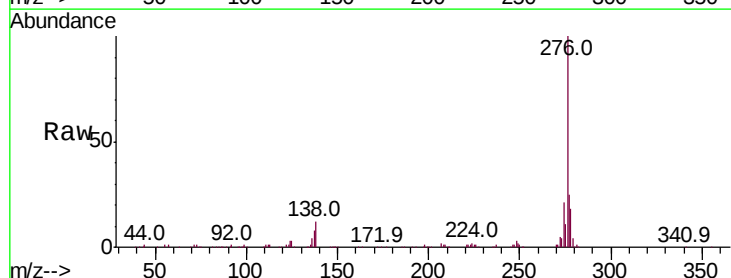
Manual Integrations
APPROVED

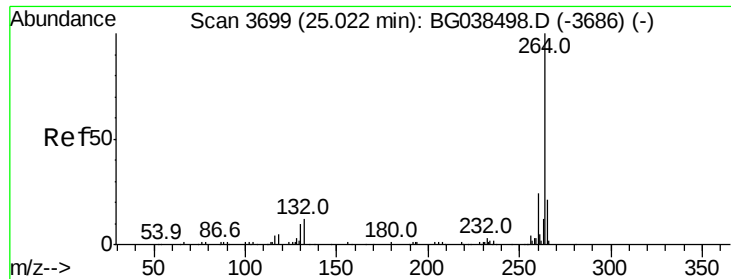
Sohil
12/28/2018 4:03:21 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.637 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	14.5	14.4	21.6	
277	25.8	0.0	0.0#	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Instrument :

BNA_G

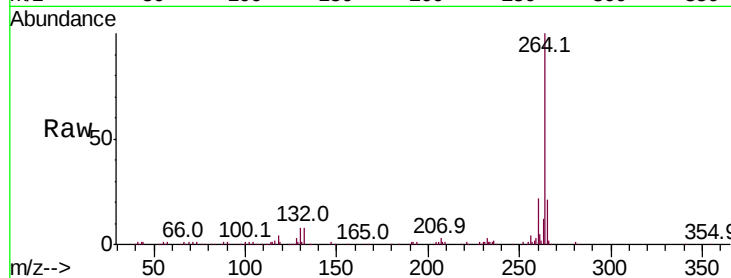
ClientSampleId :

PB116010BS

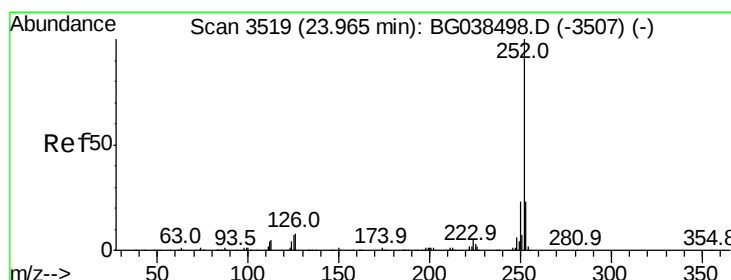
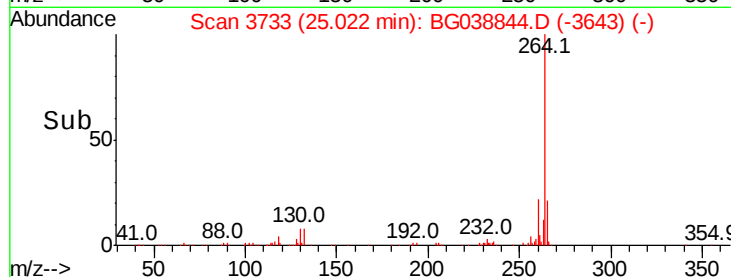
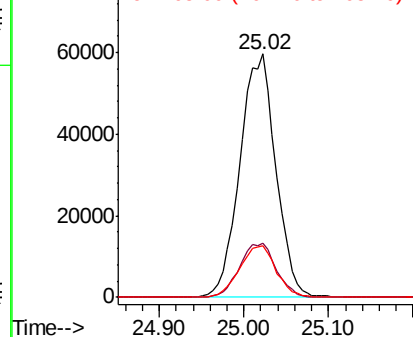
Tot Ion:	264	Resp:	175580
Ion Ratio	Lower	Upper	
264	100		
260	22.3	18.9	28.3
265	21.1	17.0	25.4

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



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



#88

Benzo(b)fluoranthene

Concen: 45.785 ng m

RT: 23.96 min Scan# 3552

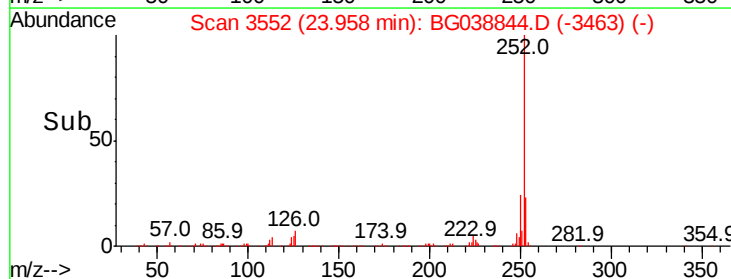
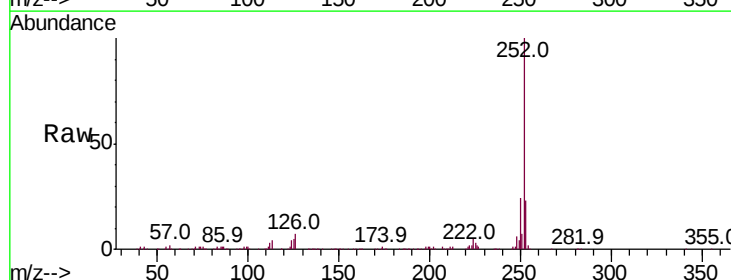
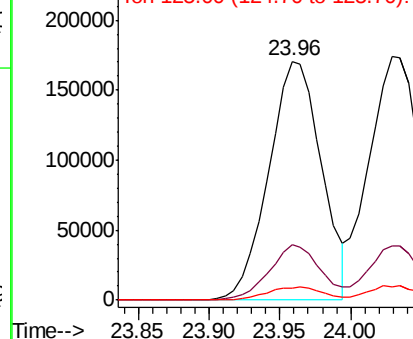
Delta R.T. -0.01 min

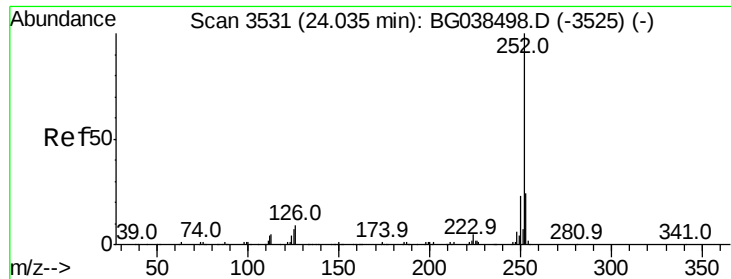
Lab File: BG038844.D

Acq: 27 Dec 2018 15:25

Tgt Ion:	252	Resp:	441373
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	5.2	5.5	8.3#

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





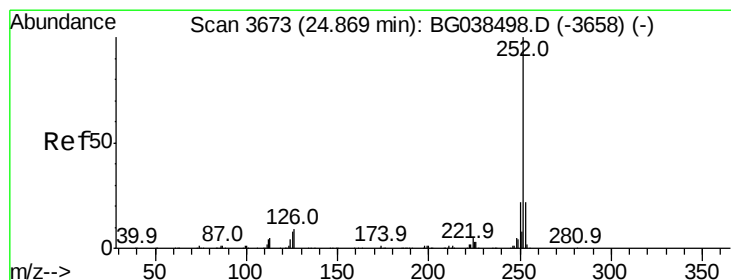
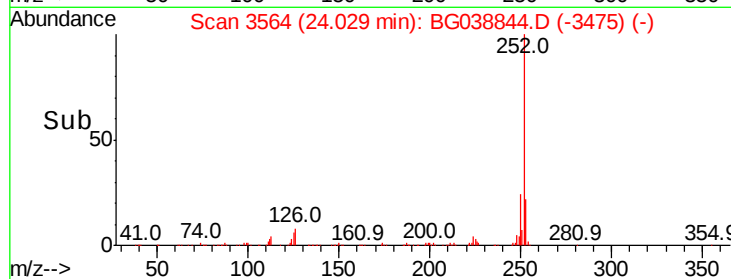
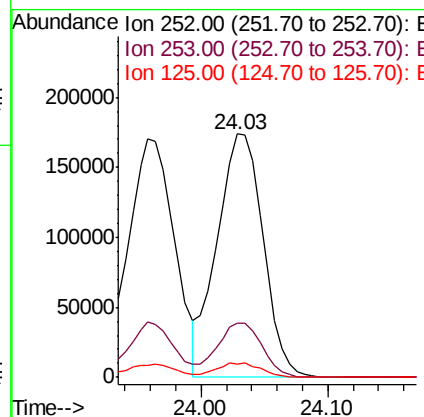
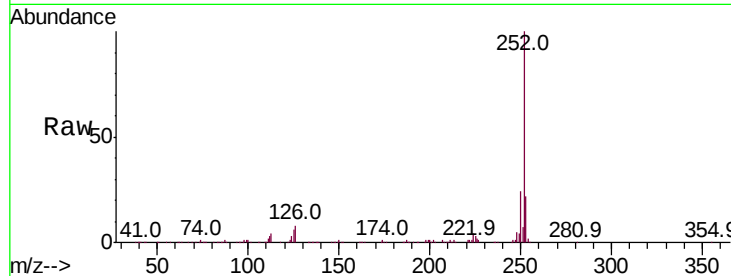
#89
Benzo(k)fluoranthene
Concen: 45.583 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	5.7	5.4	8.2

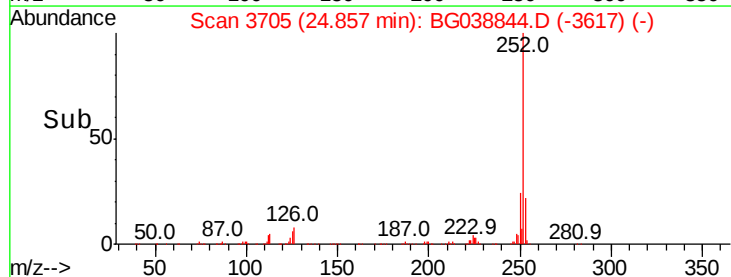
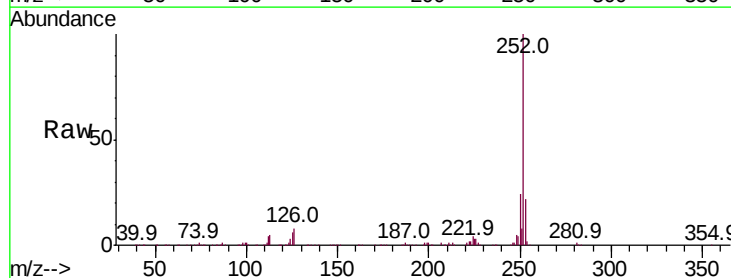
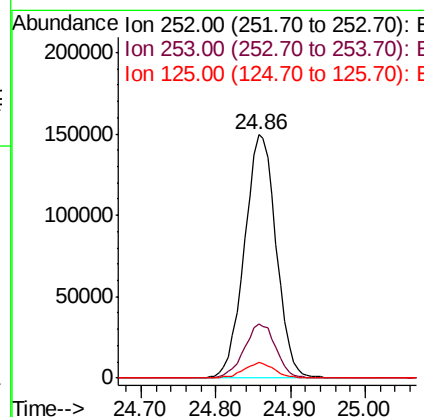
Manual Integrations
APPROVED

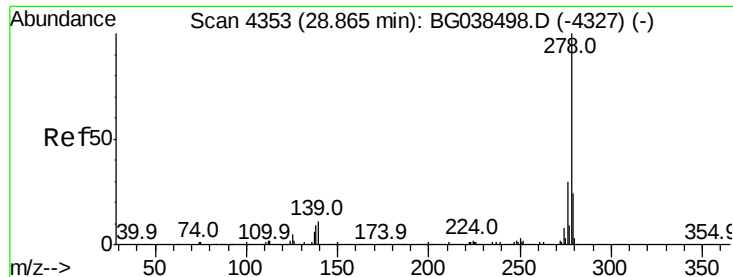
Sohil
12/28/2018 4:03:21 PM



#90
Benzo(a)pyrene
Concen: 47.312 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	6.3	6.4	9.6#





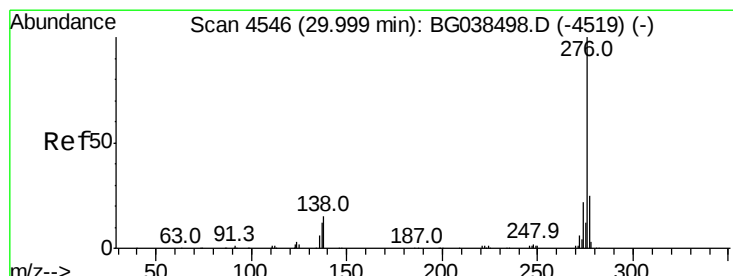
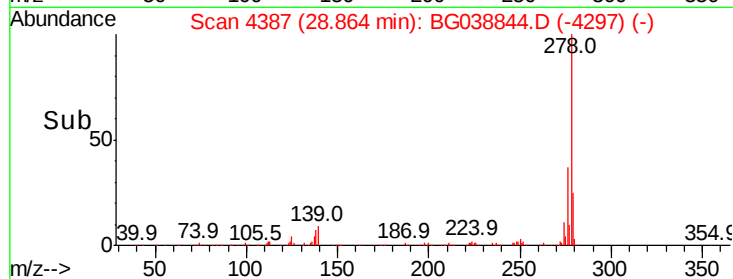
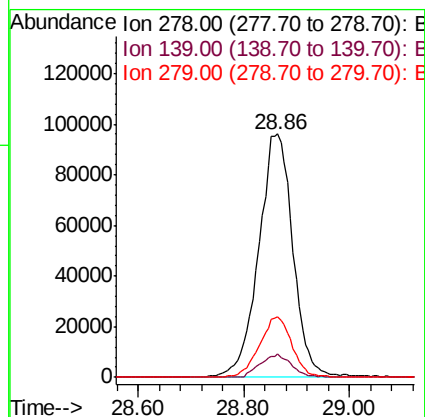
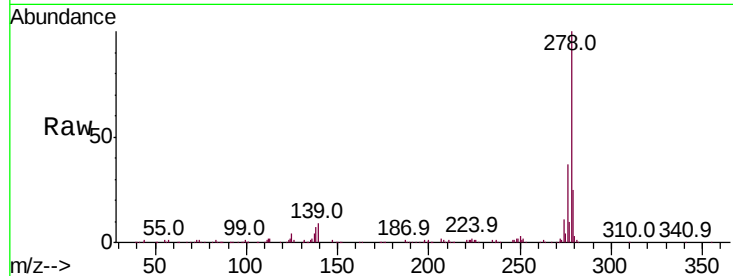
#91
Dibenzo(a,h)anthracene
Concen: 46.682 ng
RT: 28.86 min Scan# 4387
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Instrument :
BNA_G
ClientSampleId :
PB116010BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	8.6	12.8
279	24.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/28/2018 4:03:21 PM



#92
Benzo(g,h,i)perylene
Concen: 47.082 ng
RT: 30.00 min Scan# 4580
Delta R.T. -0.00 min
Lab File: BG038844.D
Acq: 27 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.8	29.8
138	11.3	11.8	17.6

