

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080420\
 Data File : BG046163.D
 Acq On : 4 Aug 2020 9:20
 Operator : CG/JU
 Sample : PB130683BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Manual Integrations
 APPROVED

mohammad
 8/5/2020 10:29:09 AM

Quant Time: Aug 04 10:57:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	92580	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	374604	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	247858	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	566248	20.00	ng	0.00
76) Chrysene-d12	21.57	240	585409	20.00	ng	0.00
86) Perylene-d12	24.67	264	638743	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	599172	112.51	ng	0.00
7) Phenol-d6	7.12	99	775872	106.90	ng	0.00
23) Nitrobenzene-d5	9.11	82	517235	74.76	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	398113	104.57	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1224179	71.75	ng	0.00
79) Terphenyl-d14	19.94	244	1860610	64.73	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.44	88	73706	30.406 ng	96
3) Pyridine	3.84	79	179317	26.872 ng	99
4) n-Nitrosodimethylamine	3.75	42	111435	39.236 ng	99
6) Aniline	7.27	93	301843	34.936 ng	96
8) 2-Chlorophenol	7.52	128	251947	42.802 ng	98
9) Benzaldehyde	7.09	77	175622	40.776 ng	97
10) Phenol	7.15	94	316104	43.346 ng	99
11) bis(2-Chloroethyl)ether	7.37	93	233188	40.200 ng	99
12) 1,3-Dichlorobenzene	7.84	146	276618	38.770 ng	99
13) 1,4-Dichlorobenzene	7.99	146	275718	38.484 ng	99
14) 1,2-Dichlorobenzene	8.30	146	265797	39.337 ng	99
15) Benzyl Alcohol	8.19	79	225045	44.881 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	403235	42.401 ng	99
17) 2-Methylphenol	8.40	107	222139	45.120 ng	99
18) Hexachloroethane	9.04	117	95657	39.922 ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	196066	41.506 ng	96
20) 3+4-Methylphenols	8.72	107	303593	45.052 ng	99
22) Acetophenone	8.77	105	366162	38.087 ng	99
24) Nitrobenzene	9.15	77	276963	37.546 ng	98
25) Isophorone	9.67	82	528160	38.364 ng	99
26) 2-Nitrophenol	9.86	139	138630	41.466 ng	95
27) 2,4-Dimethylphenol	9.92	122	240346	44.187 ng	99
28) bis(2-Chloroethoxy)methane	10.15	93	324135	43.300 ng	99
29) 2,4-Dichlorophenol	10.39	162	263663	41.208 ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	277639	37.041 ng	97
31) Naphthalene	10.80	128	746176	37.646 ng	99
32) Benzoic acid	10.07	122	146776	38.919 ng	96
33) 4-Chloroaniline	10.90	127	198044	24.451 ng	99
34) Hexachlorobutadiene	11.09	225	177551	35.584 ng	97
35) Caprolactam	11.66	113	90761m	43.339 ng	
36) 4-Chloro-3-methylphenol	12.03	107	267397	42.586 ng	99
37) 2-Methylnaphthalene	12.40	142	581025	38.096 ng	98
38) 1-Methylnaphthalene	12.62	142	553523	38.353 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	326595	36.571 ng	# 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080420\
 Data File : BG046163.D
 Acq On : 4 Aug 2020 9:20
 Operator : CG/JU
 Sample : PB130683BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

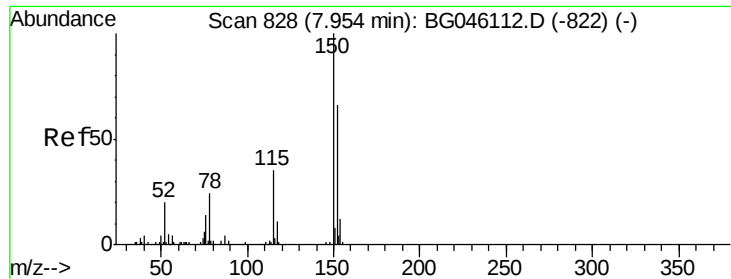
Manual Integrations
 APPROVED

mohammad
 8/5/2020 10:29:09 AM

Quant Time: Aug 04 10:57:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	447365	87.335	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	226417	39.739	ng	98
44) 2,4,5-Trichlorophenol	13.08	196	243791	39.216	ng	99
46) 1,1'-Biphenyl	13.41	154	751233	38.636	ng	100
47) 2-Chloronaphthalene	13.46	162	579439	37.360	ng	100
48) 2-Nitroaniline	13.65	65	178031	43.792	ng	98
49) Acenaphthylene	14.30	152	939958	39.029	ng	99
50) Dimethylphthalate	14.04	163	752938	39.579	ng	100
51) 2,6-Dinitrotoluene	14.14	165	172554	38.974	ng	99
52) Acenaphthene	14.64	154	663964m	41.773	ng	
53) 3-Nitroaniline	14.47	138	120394	27.429	ng	100
54) 2,4-Dinitrophenol	14.68	184	198711	71.651	ng	91
55) Dibenzofuran	14.98	168	898818	37.476	ng	98
56) 4-Nitrophenol	14.79	139	303809	79.724	ng	94
57) 2,4-Dinitrotoluene	14.93	165	242027	39.760	ng	99
58) Fluorene	15.62	166	736770	37.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	243190	41.532	ng	99
60) Diethylphthalate	15.40	149	747042	39.919	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	398135	39.246	ng	99
62) 4-Nitroaniline	15.64	138	176967	40.089	ng	97
63) Azobenzene	15.91	77	679514	38.744	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	143096	38.211	ng	95
66) n-Nitrosodiphenylamine	15.84	169	668678	39.012	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	276398	39.511	ng	99
68) Hexachlorobenzene	16.63	284	301662	38.457	ng	99
69) Atrazine	16.78	200	242378	36.723	ng	96
70) Pentachlorophenol	16.98	266	404275	79.431	ng	99
71) Phenanthrene	17.36	178	1192418	38.443	ng	100
72) Anthracene	17.45	178	1235473	40.044	ng	99
73) Carbazole	17.72	167	1135602	38.171	ng	100
74) Di-n-butylphthalate	18.29	149	1285760	41.346	ng	100
75) Fluoranthene	19.37	202	1502806	38.807	ng	99
77) Benzidine	19.55	184	702804	42.383	ng	99
78) Pyrene	19.73	202	1512974	38.465	ng	99
80) Butylbenzylphthalate	20.62	149	590370	41.434	ng	98
81) Benzo(a)anthracene	21.55	228	1493581	38.125	ng	100
82) 3,3'-Dichlorobenzidine	21.46	252	408905	25.135	ng	98
83) Chrysene	21.61	228	1427111	37.187	ng	100
84) Bis(2-ethylhexyl)phthalate	21.48	149	843752	41.420	ng	100
85) Di-n-octyl phthalate	22.66	149	1462910	42.414	ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1926080	39.538	ng	# 95
88) Benzo(b)fluoranthene	23.70	252	1619973	37.847	ng	100
89) Benzo(k)fluoranthene	23.76	252	1609572	38.338	ng	99
90) Benzo(a)pyrene	24.53	252	1512002	37.962	ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1570230	38.558	ng	99
92) Benzo(g,h,i)perylene	29.29	276	1605484	39.037	ng	99

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



#1

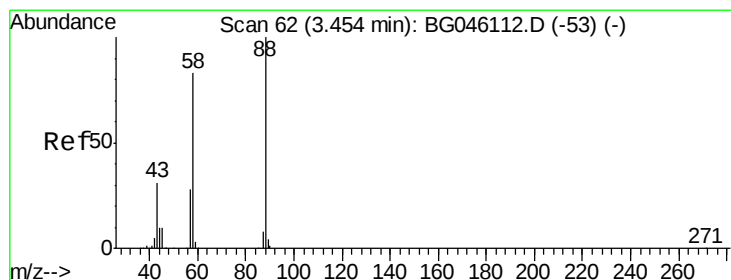
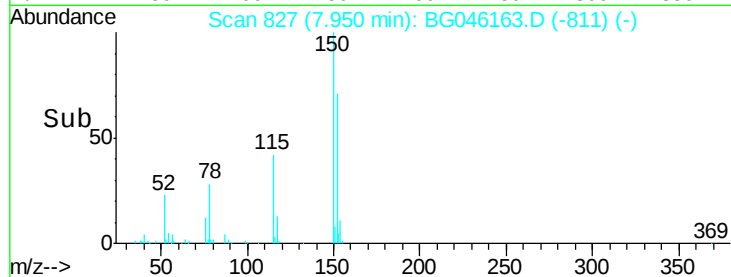
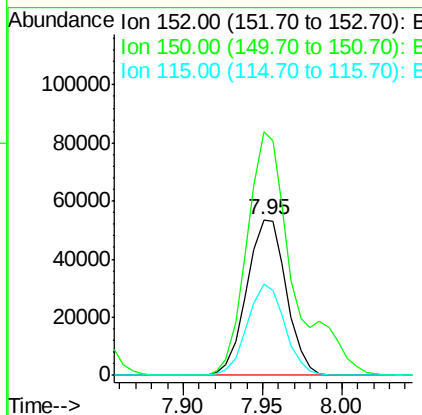
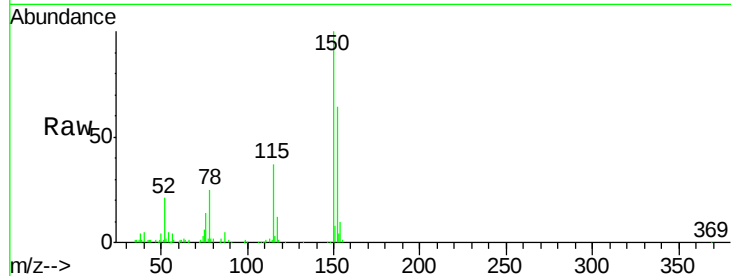
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampled :
PB130683BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.1	183.1
115	58.4	43.2	64.8

Manual Integrations
APPROVED

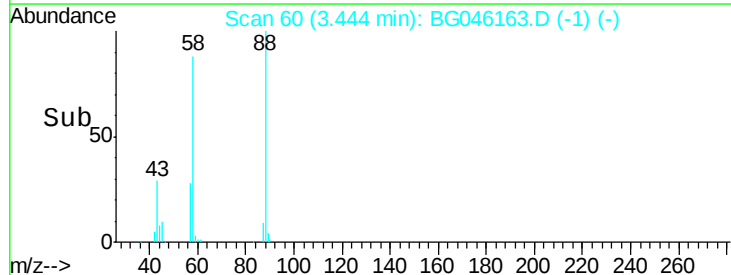
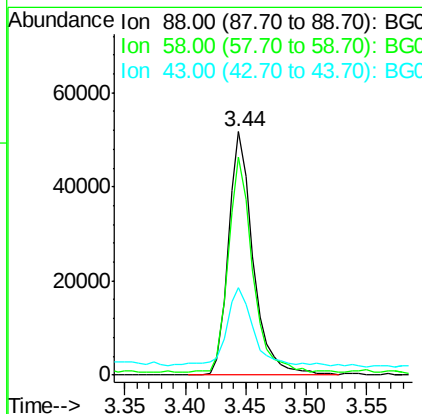
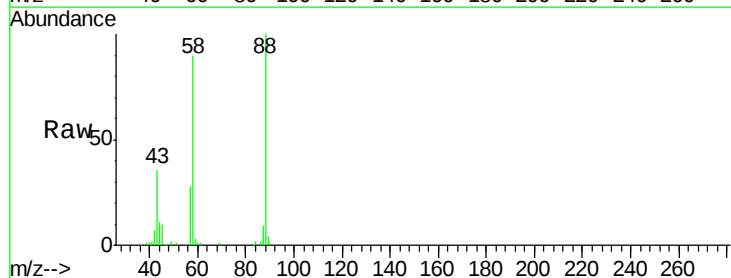
mohammad
8/5/2020 10:29:09 AM

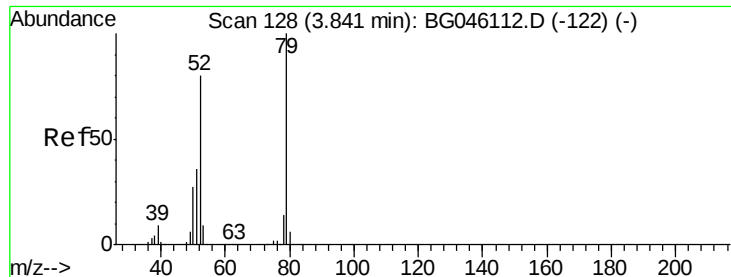


#2

1,4-Dioxane
Concen: 30.406 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	66.5	99.7
43	32.5	23.8	35.8





#3

Pyridine

Concen: 26.872 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

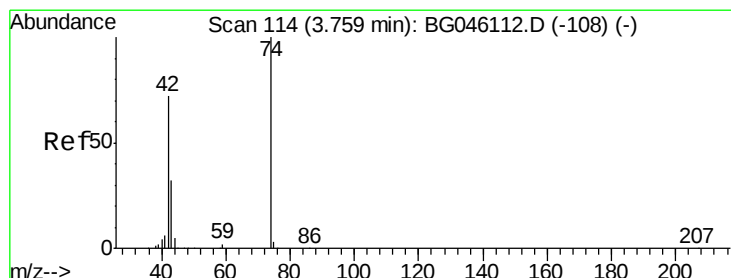
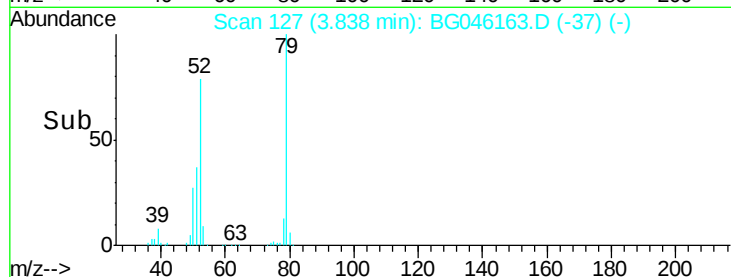
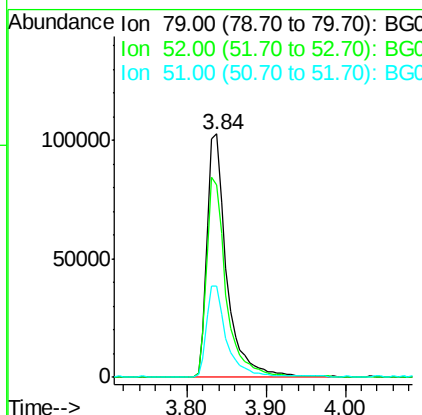
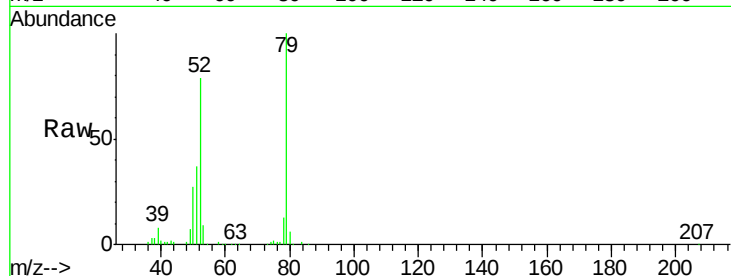
ClientSampleId :

PB130683BS

Tgt Ion:	79	Resp:	179317
Ion	Ratio	Lower	Upper
79	100		
52	78.8	64.3	96.5
51	37.4	29.8	44.6

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



#4

n-Nitrosodimethylamine

Concen: 39.236 ng

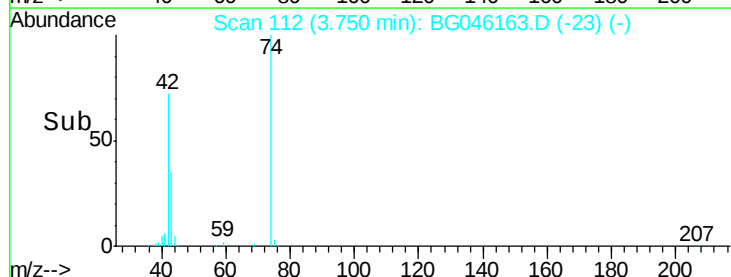
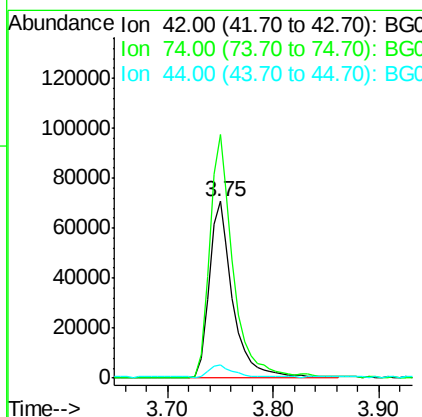
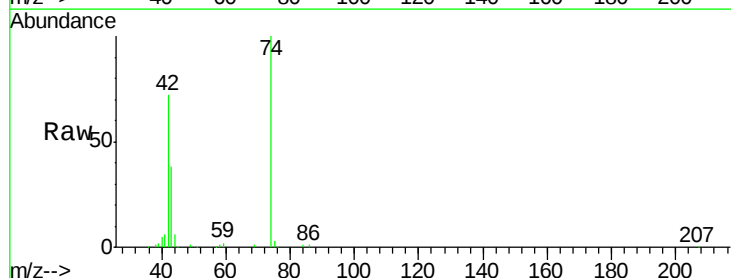
RT: 3.75 min Scan# 112

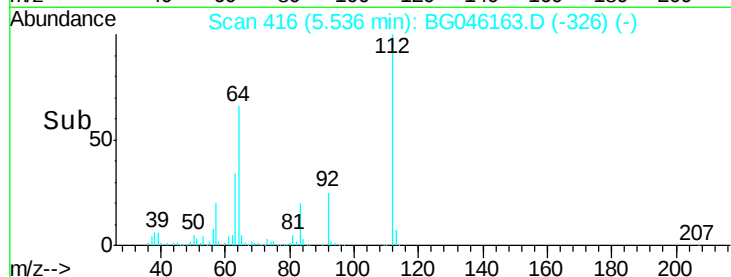
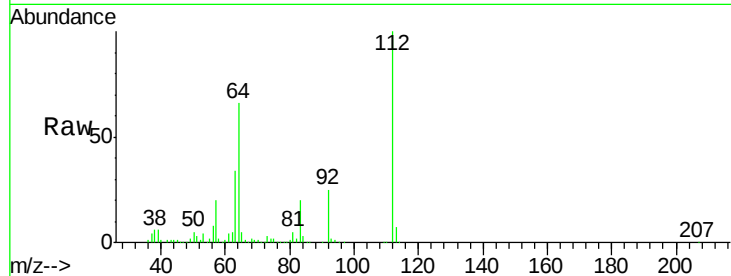
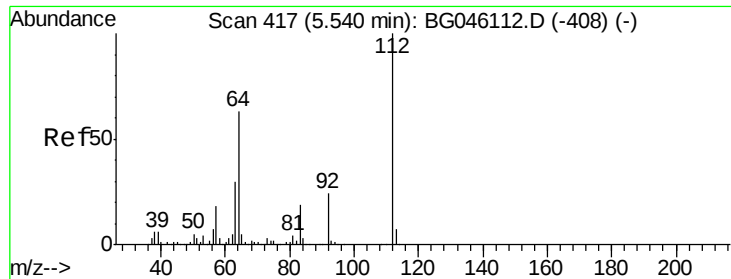
Delta R.T. -0.01 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion:	42	Resp:	111435
Ion	Ratio	Lower	Upper
42	100		
74	137.9	111.6	167.4
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 112.506 ng

RT: 5.54 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	599172		
64	65.5	50.2	75.2	
63	33.6	24.2	36.4	

Instrument :

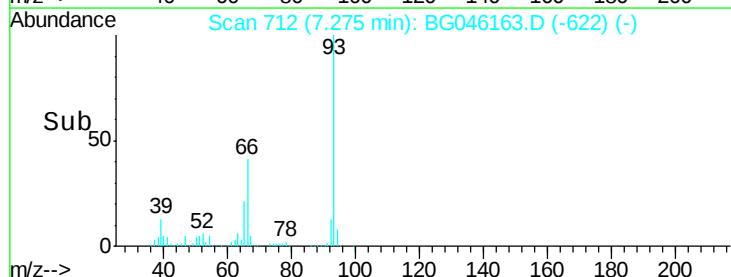
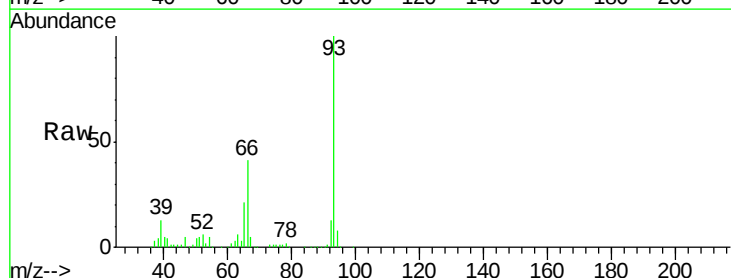
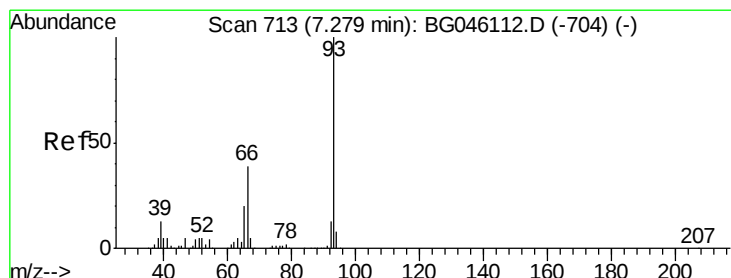
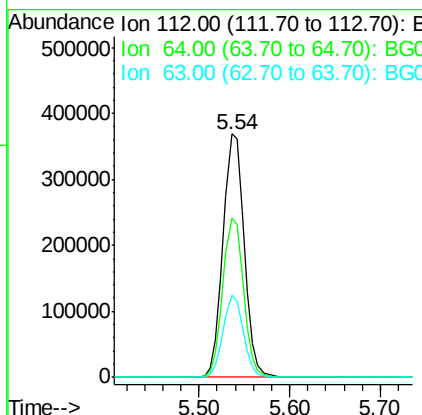
BNA_G

ClientSampleId :

PB130683BS

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



#6

Aniline

Concen: 34.936 ng

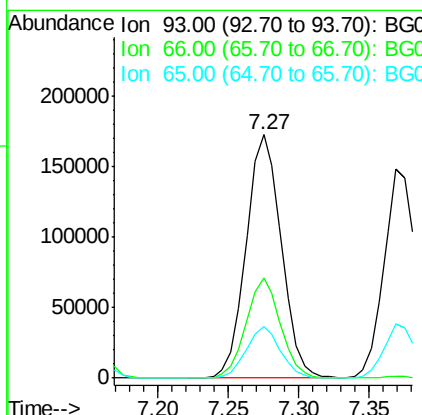
RT: 7.27 min Scan# 712

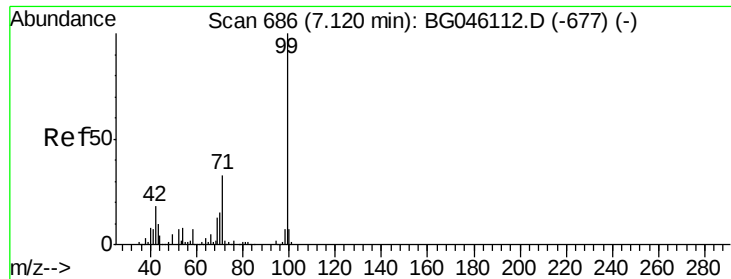
Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	301843		
66	41.0	31.0	46.4	
65	21.5	15.9	23.9	





#7

Phenol-d6

Concen: 106.896 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046163.D

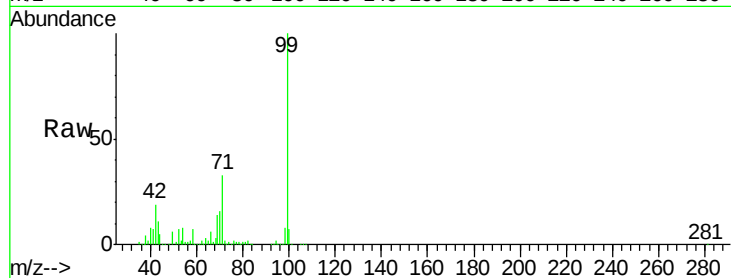
Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

PB130683BS



Tgt Ion: 99 Resp: 775872

Ion Ratio Lower Upper

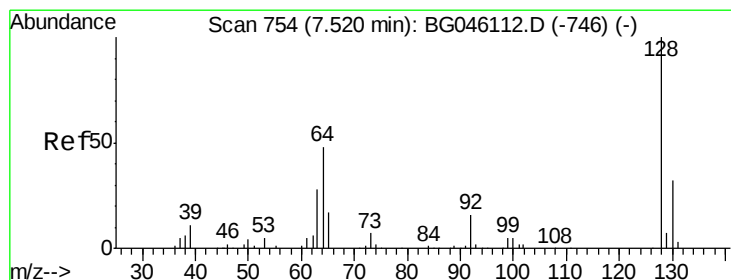
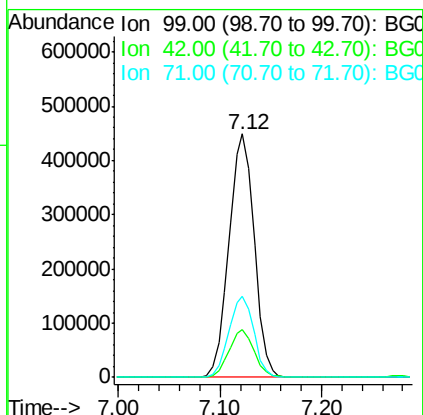
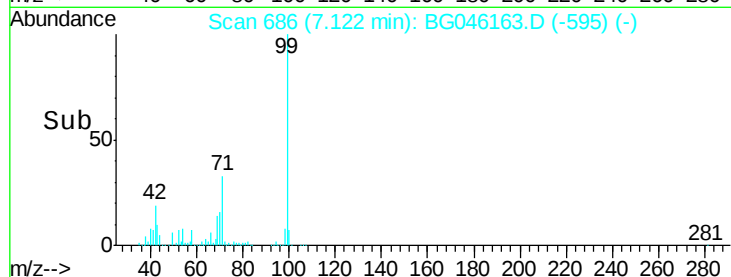
99 100

42 19.4 14.7 22.1

71 33.5 26.5 39.7

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



#8

2-Chlorophenol

Concen: 42.802 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

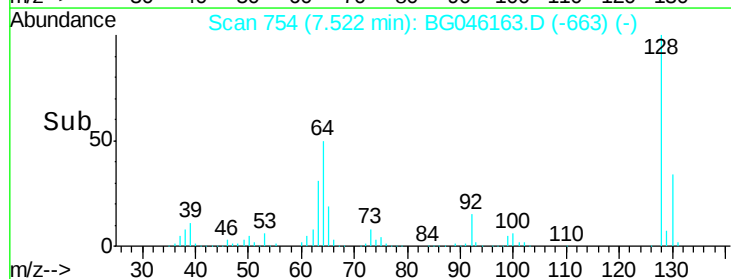
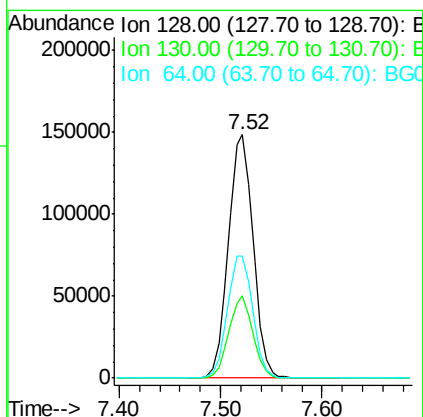
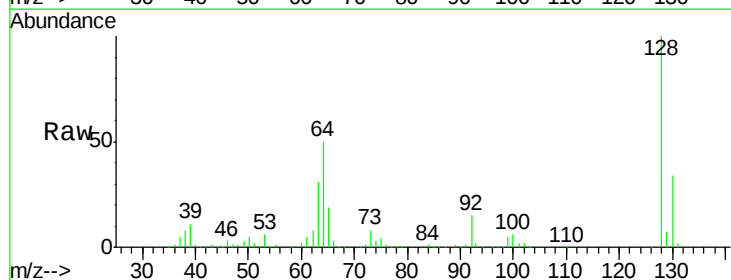
Tgt Ion: 128 Resp: 251947

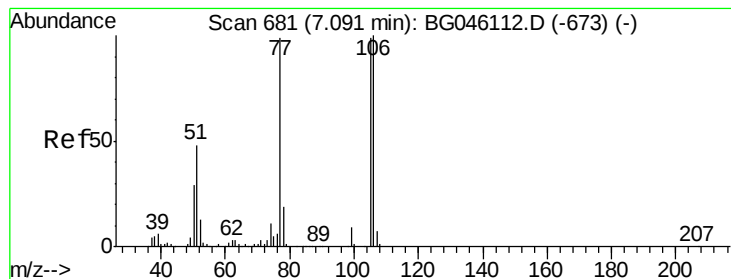
Ion Ratio Lower Upper

128 100

130 34.0 11.6 51.6

64 49.9 30.6 70.6





#9

Benzaldehyde

Concen: 40.776 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

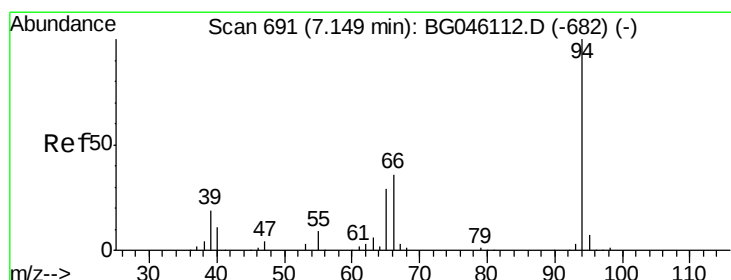
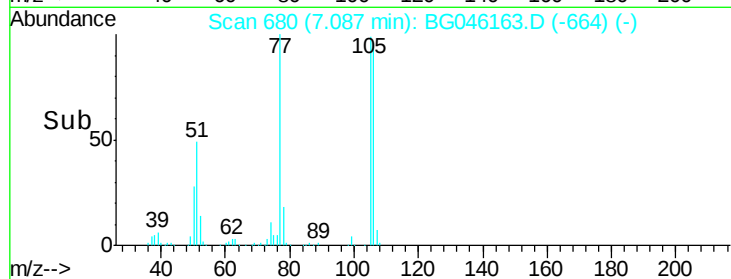
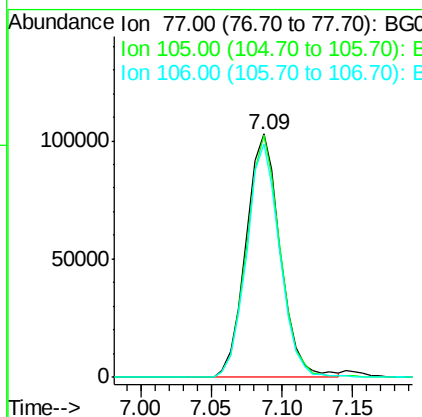
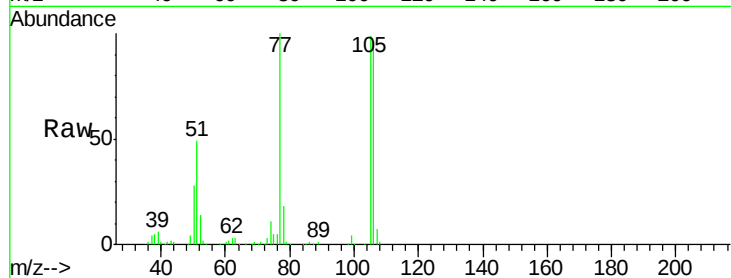
ClientSampleId :

PB130683BS

Tgt Ion:	77	Resp:	175622
Ion Ratio	Lower	Upper	
77	100		
105	99.3	80.3	120.3
106	95.9	81.5	121.5

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



#10

Phenol

Concen: 43.346 ng

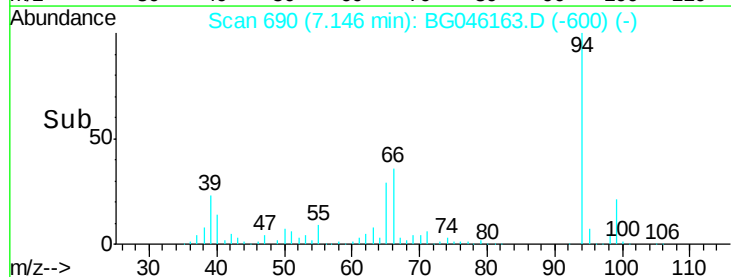
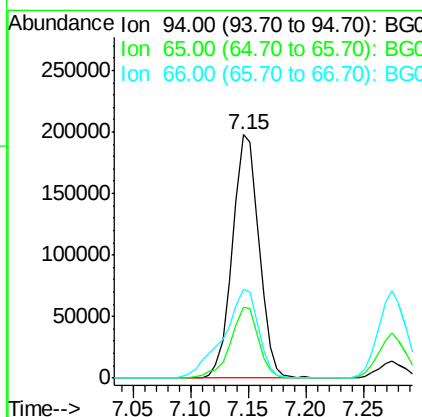
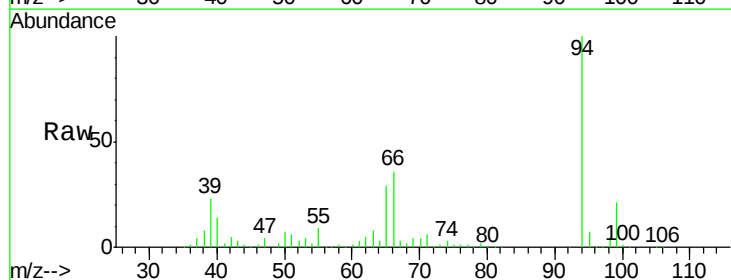
RT: 7.15 min Scan# 690

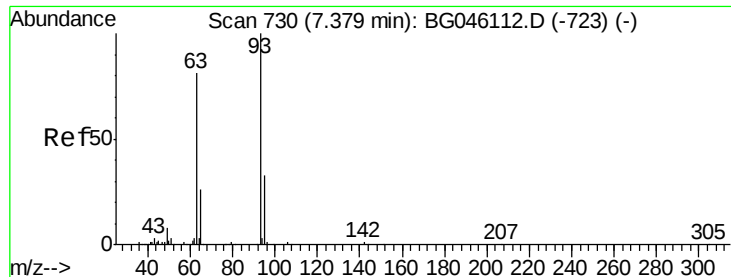
Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion:	94	Resp:	316104
Ion Ratio	Lower	Upper	
94	100		
65	29.0	9.6	49.6
66	36.3	16.3	56.3





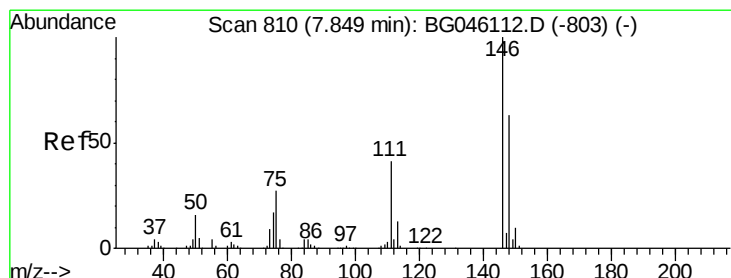
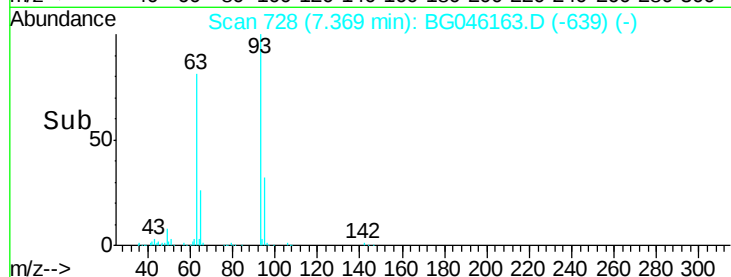
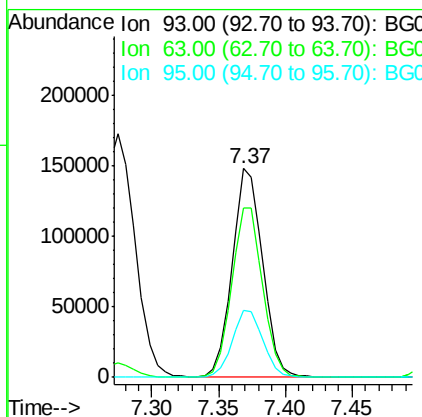
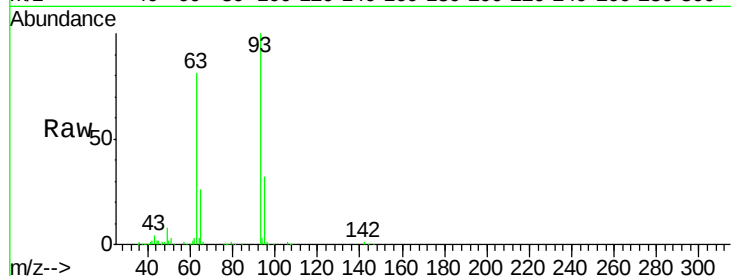
#11
bis(2-Chloroethyl)ether
Concen: 40.200 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	233188		
63	81.4	60.0	100.0	
95	32.3	12.6	52.6	

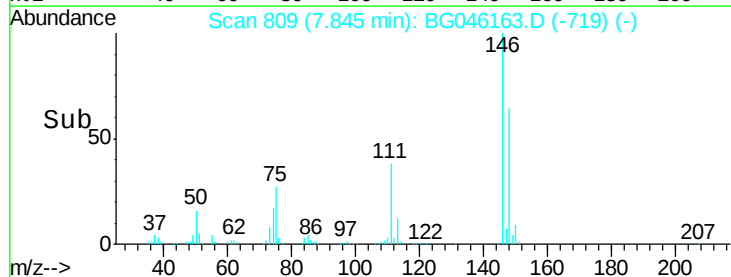
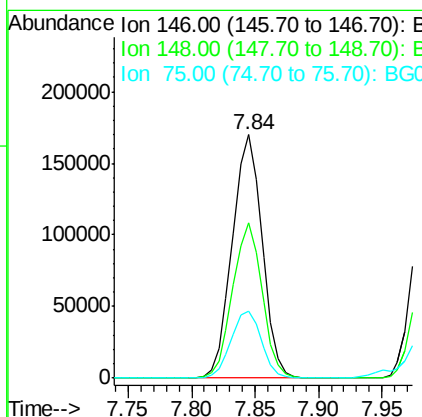
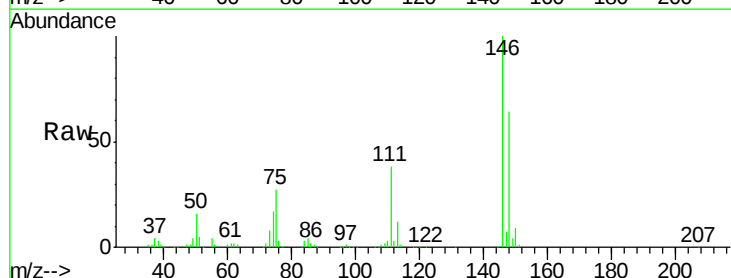
Manual Integrations
APPROVED

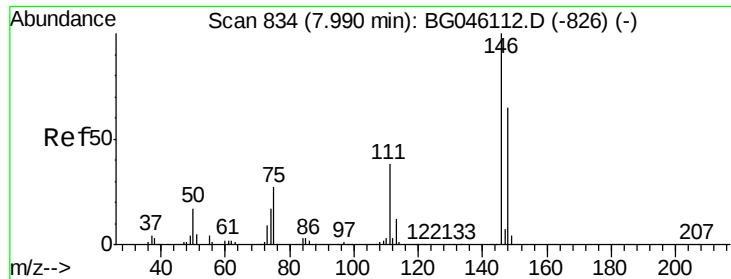
mohammad
8/5/2020 10:29:09 AM



#12
1,3-Dichlorobenzene
Concen: 38.770 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	276618		
148	64.0	50.5	75.7	
75	27.3	21.6	32.4	





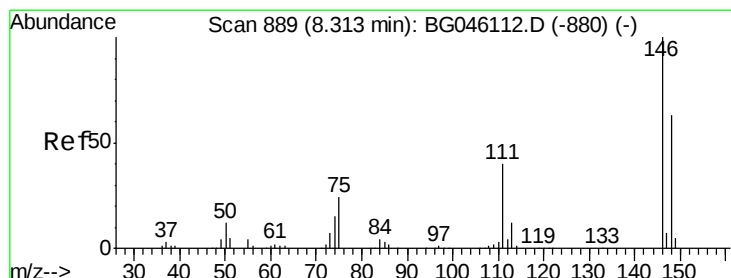
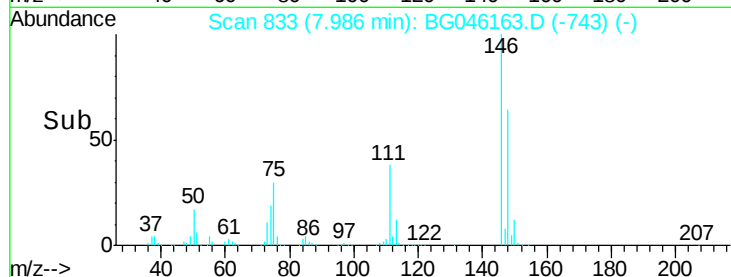
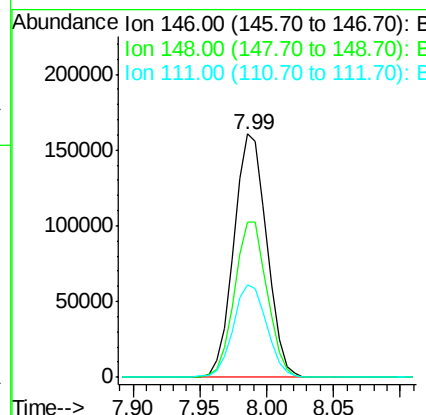
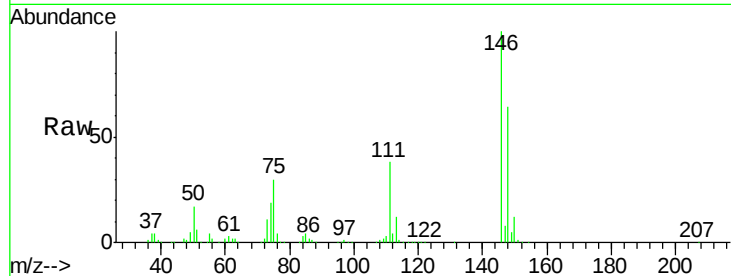
#13
 1,4-Dichlorobenzene
 Concen: 38.484 ng
 RT: 7.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	275718		
148	63.8	51.8	77.6	
111	38.2	30.7	46.1	

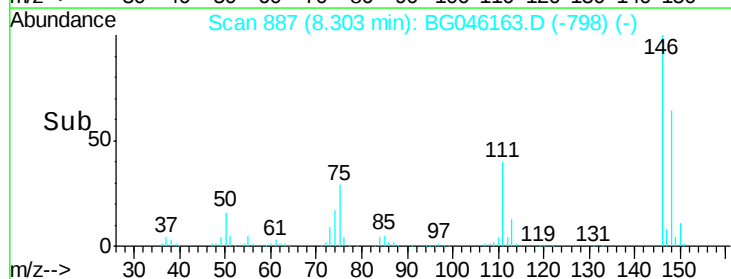
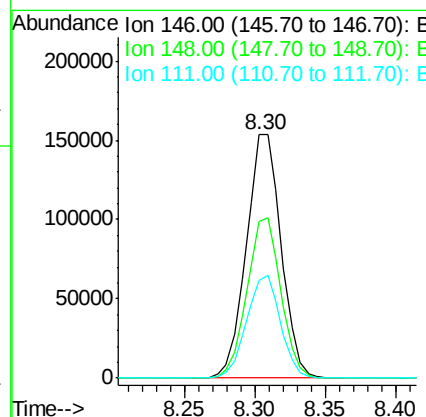
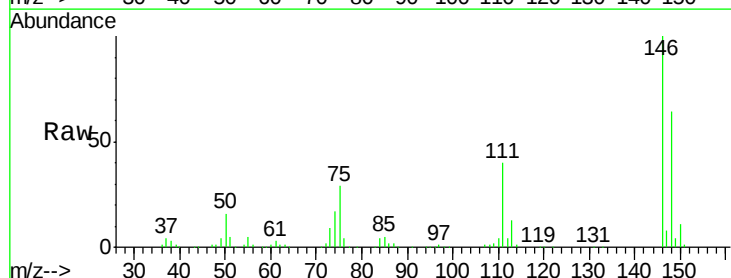
Manual Integrations
 APPROVED

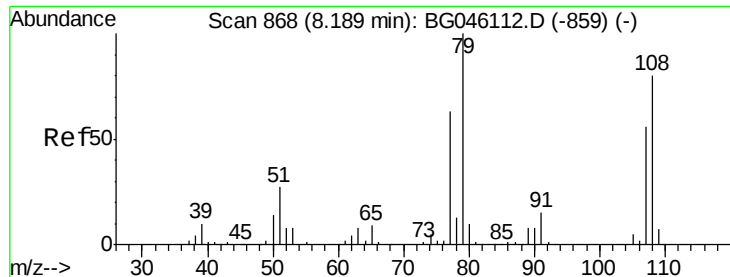
mohammad
 8/5/2020 10:29:09 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.337 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	265797		
148	64.3	50.8	76.2	
111	40.2	32.4	48.6	





#15

Benzyl Alcohol

Concen: 44.881 ng

RT: 8.19 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

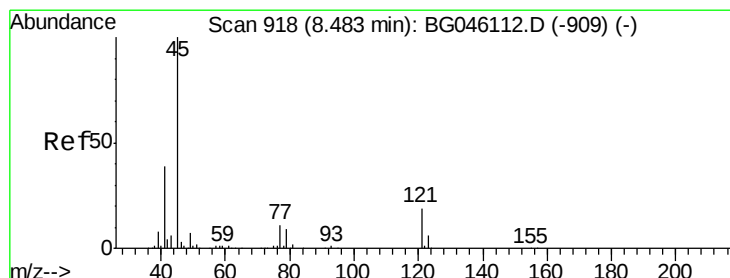
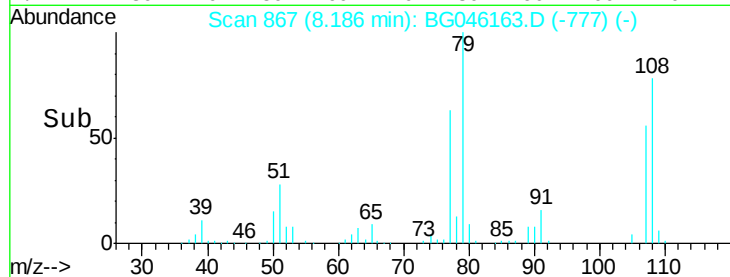
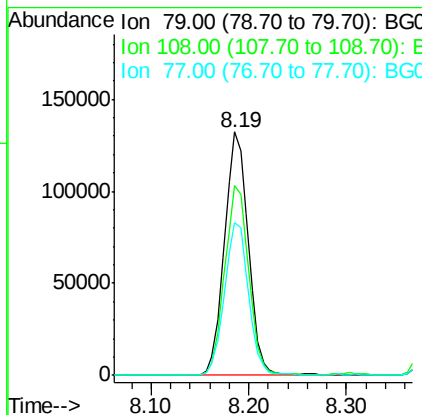
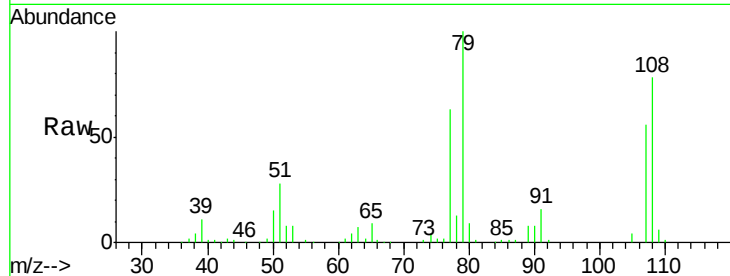
ClientSampleId :

PB130683BS

Tgt Ion:	79	Resp:	225045
Ion Ratio	Lower	Upper	
79	100		
108	77.7	64.1	96.1
77	62.7	50.2	75.2

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.401 ng

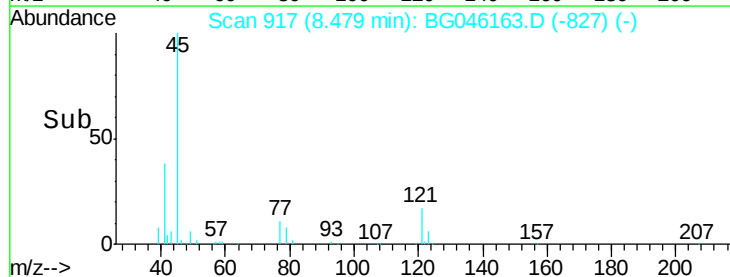
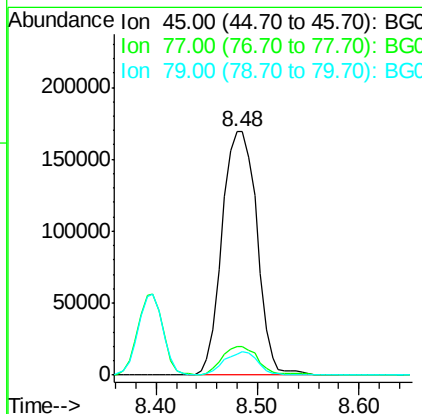
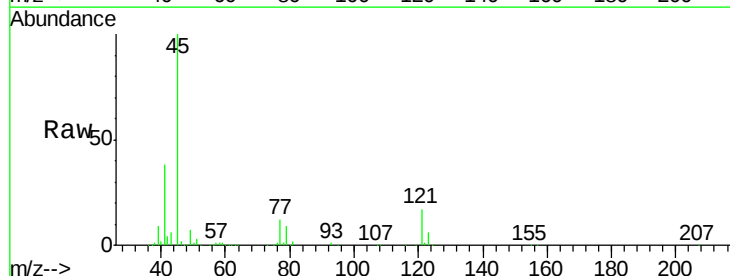
RT: 8.48 min Scan# 917

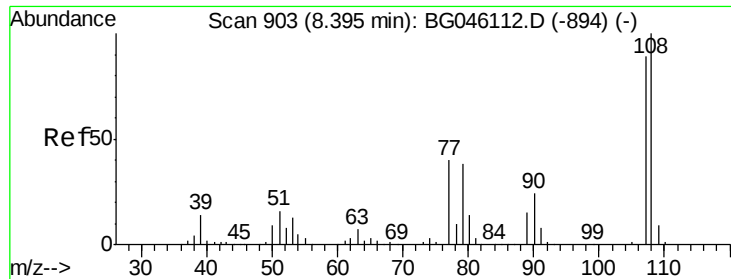
Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

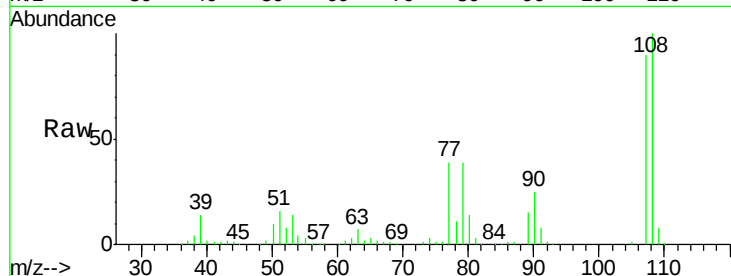
Tgt Ion:	45	Resp:	403235
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	31.9
79	8.7	0.0	29.5





#17
2-Methylphenol
Concen: 45.120 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

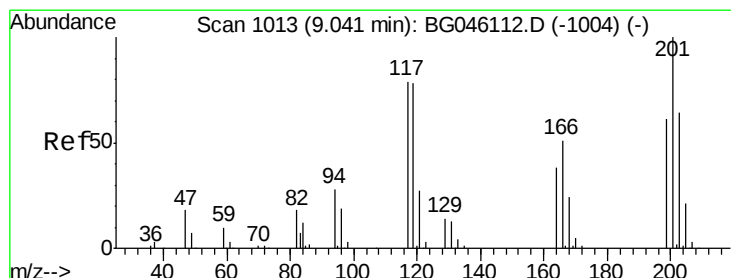
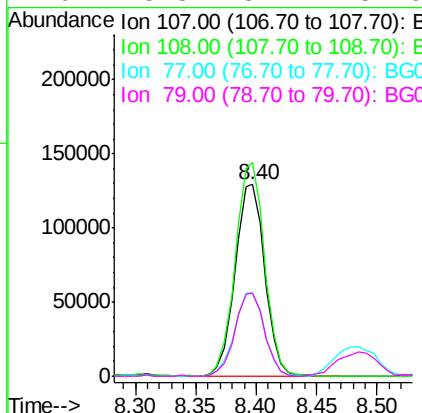
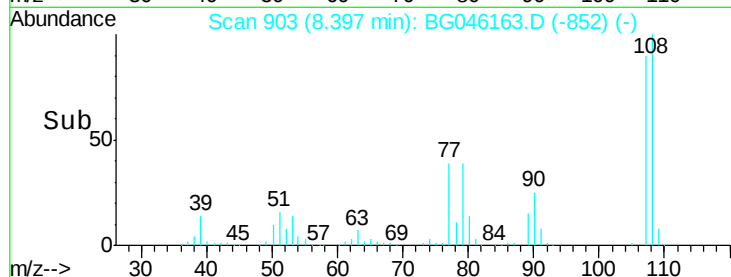
Instrument :
BNA_G
ClientSampleId :
PB130683BS



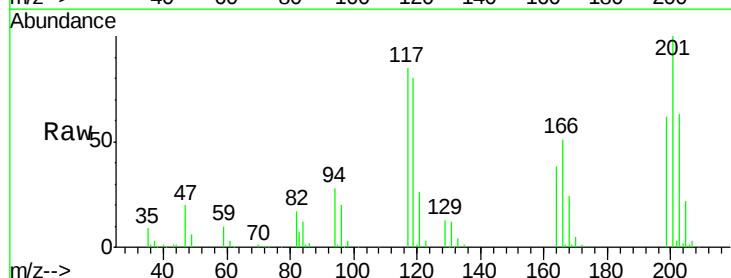
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	222139		
108	111.6	90.0	135.0	
77	43.4	35.6	53.4	
79	43.8	34.4	51.6	

Manual Integrations
APPROVED

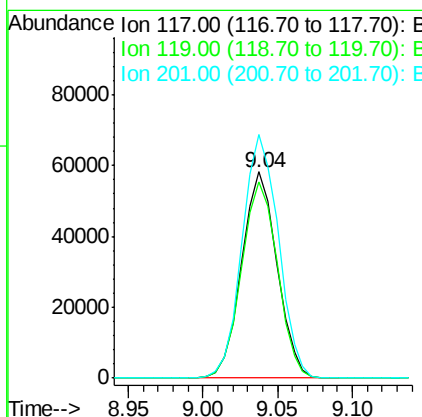
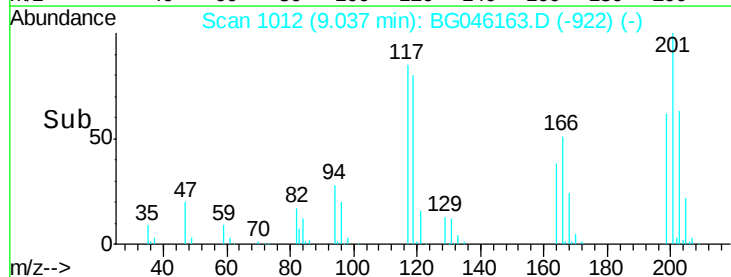
mohammad
8/5/2020 10:29:09 AM

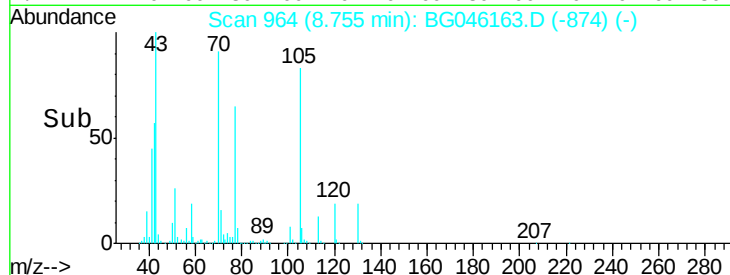
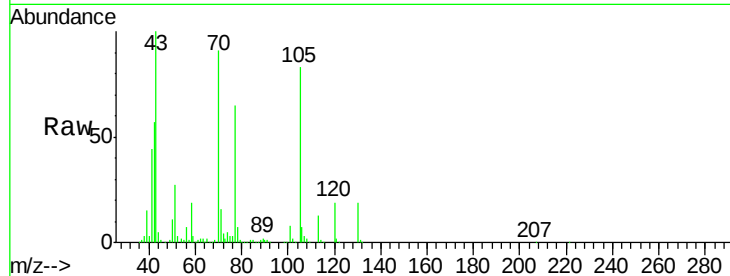
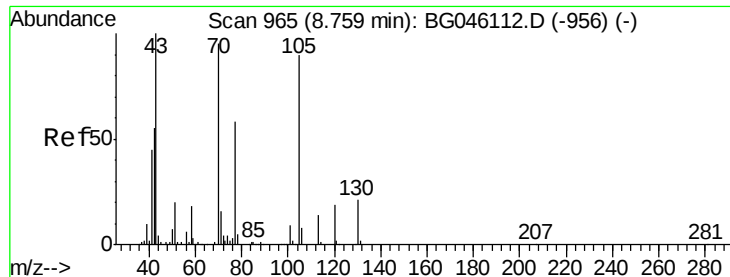


#18
Hexachloroethane
Concen: 39.922 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	95657		
119	95.0	78.5	117.7	
201	118.0	101.0	151.4	





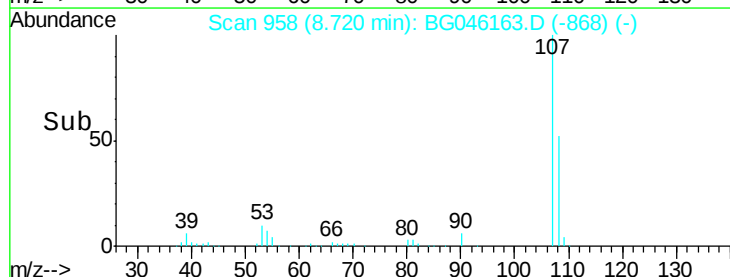
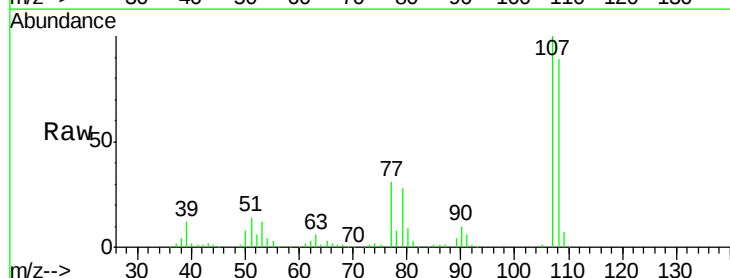
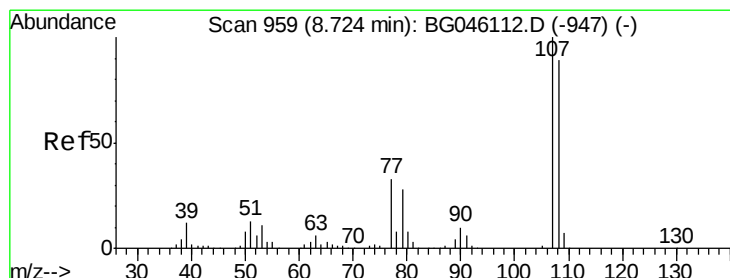
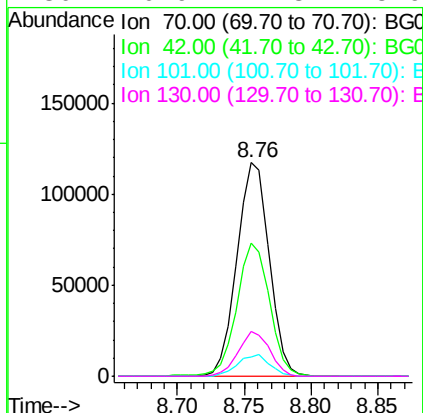
#19
n-Nitroso-di-n-propylamine
Concen: 41.506 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.5	46.5	69.7
101	9.3	7.6	11.4
130	20.9	17.3	25.9

Instrument :
BNA_G
ClientSampleId :
PB130683BS

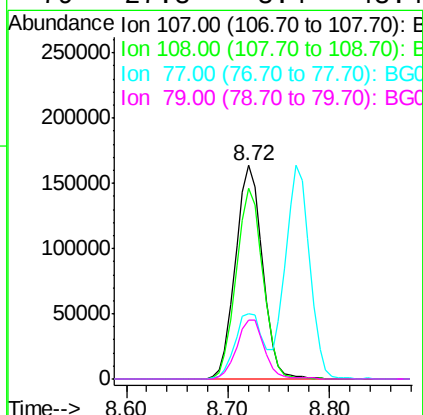
Manual Integrations
APPROVED

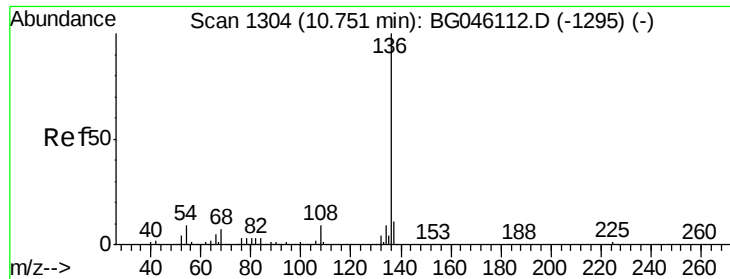
mohammad
8/5/2020 10:29:09 AM



#20
3+4-Methylphenols
Concen: 45.052 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.1	109.1
77	30.8	12.5	52.5
79	27.8	8.4	48.4





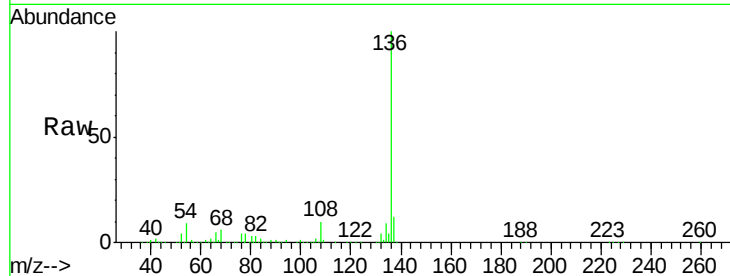
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	374604		
137	11.6	8.8	13.2	
54	9.4	7.0	10.4	
68	6.0	5.3	7.9	

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



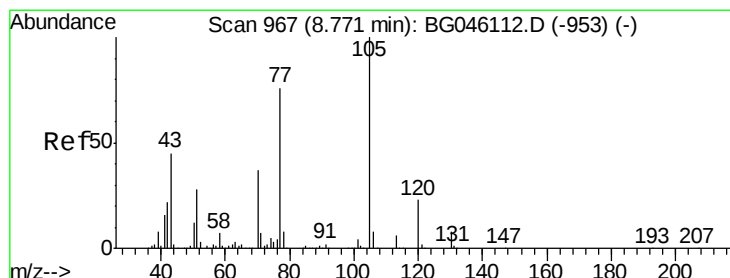
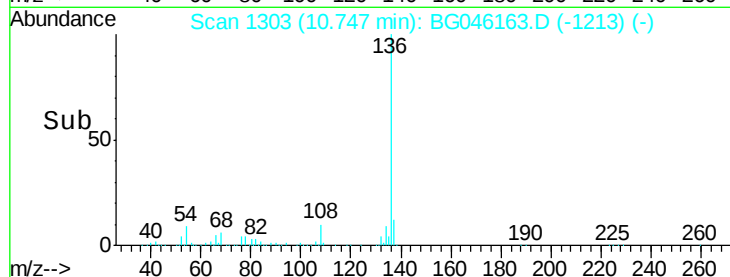
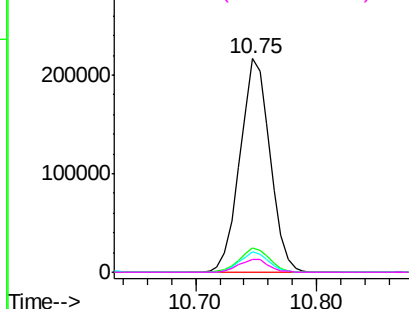
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.087 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	366162		
71	5.4	5.3	7.9	
51	28.2	22.7	34.1	
120	23.6	18.7	28.1	

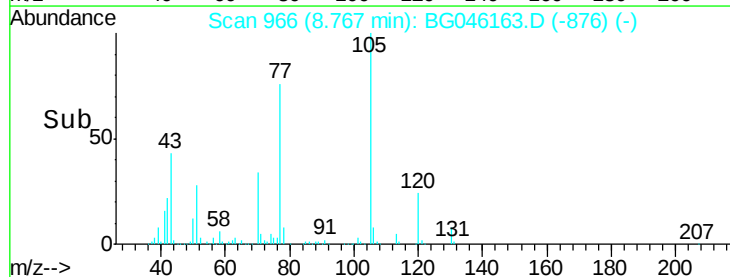
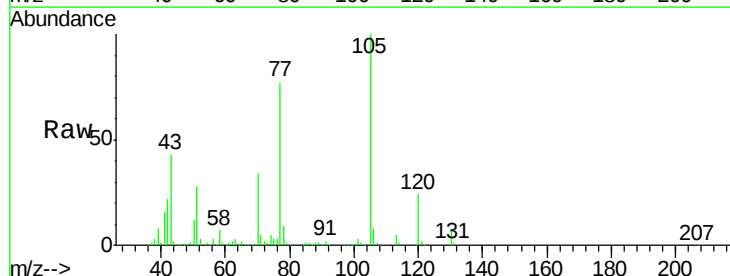
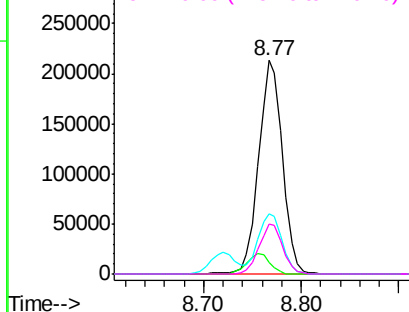
Abundance

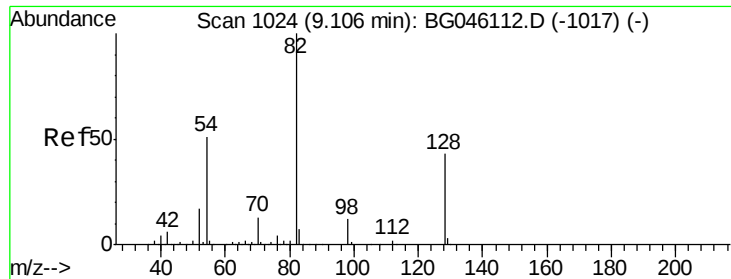
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





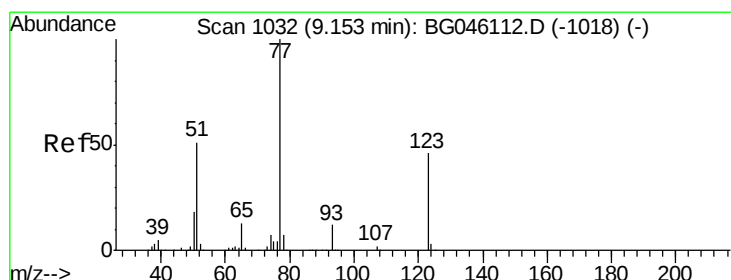
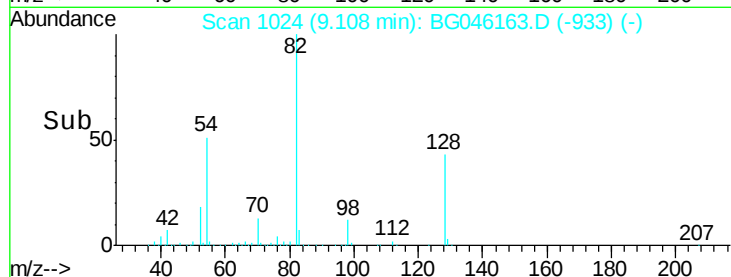
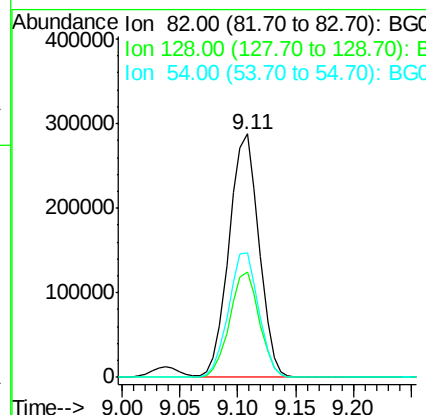
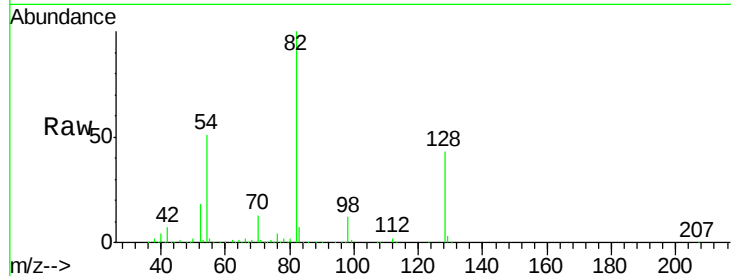
#23
Nitrobenzene-d5
Concen: 74.758 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	517235		
128	43.4	34.4	51.6	
54	51.4	40.8	61.2	

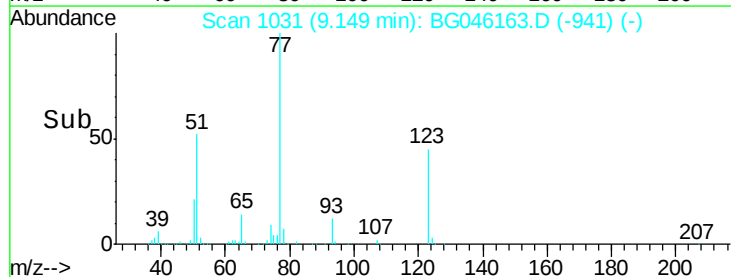
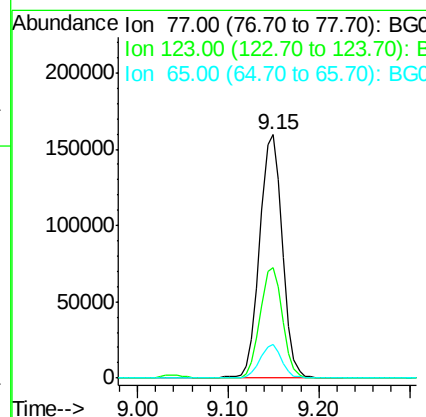
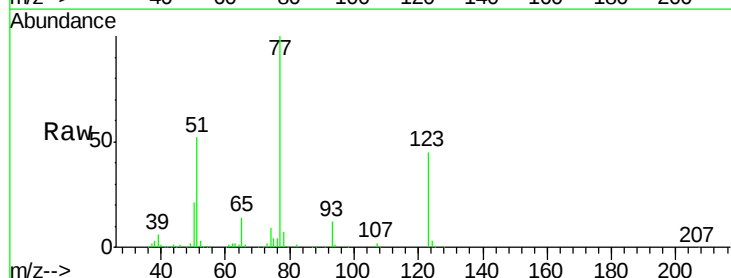
Manual Integrations
APPROVED

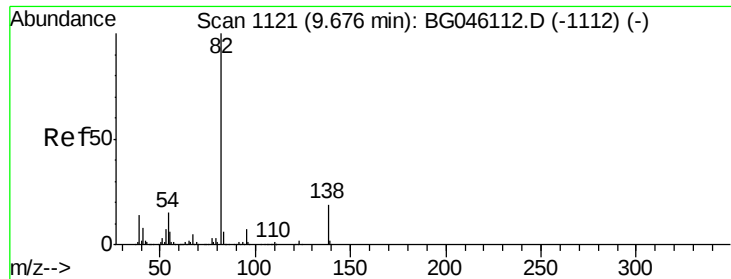
mohammad
8/5/2020 10:29:09 AM



#24
Nitrobenzene
Concen: 37.546 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	276963		
123	45.2	36.8	55.2	
65	13.8	10.2	15.2	





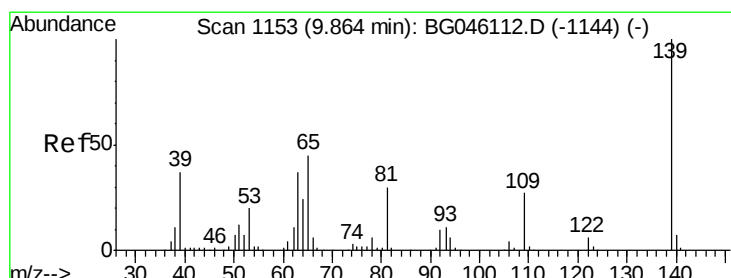
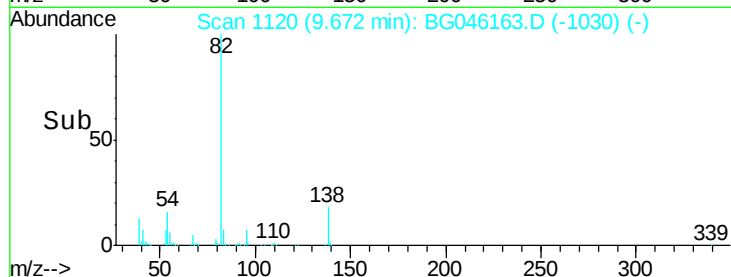
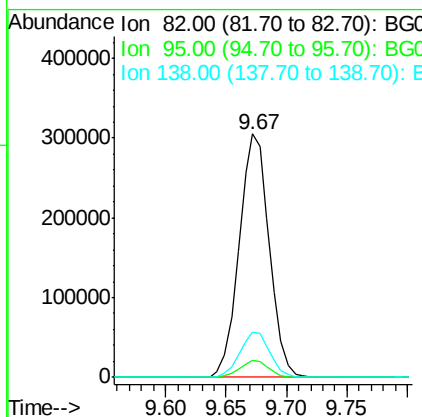
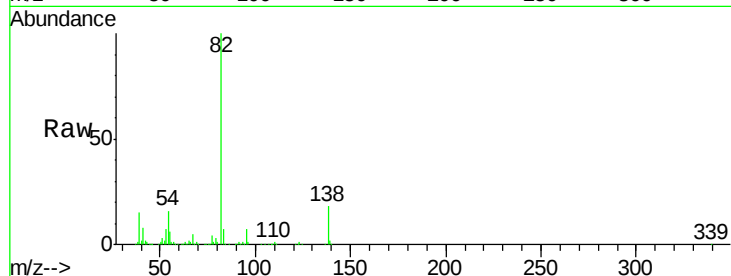
#25
Isophorone
Concen: 38.364 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	7.2	5.5	8.3
138	18.3	15.3	22.9

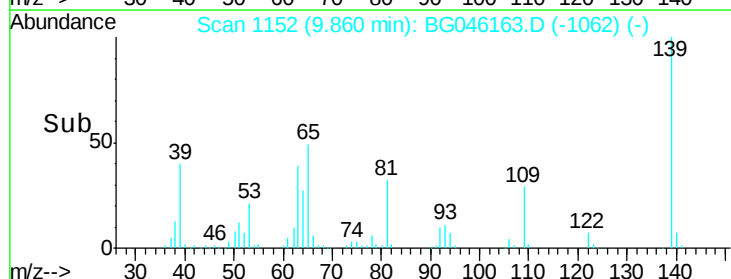
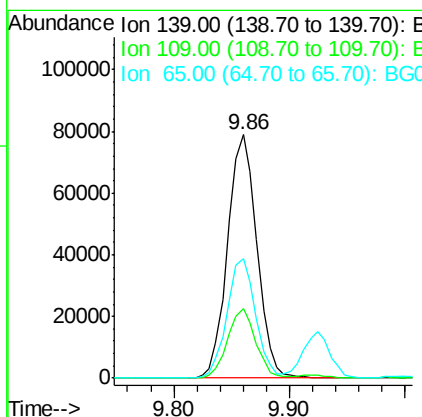
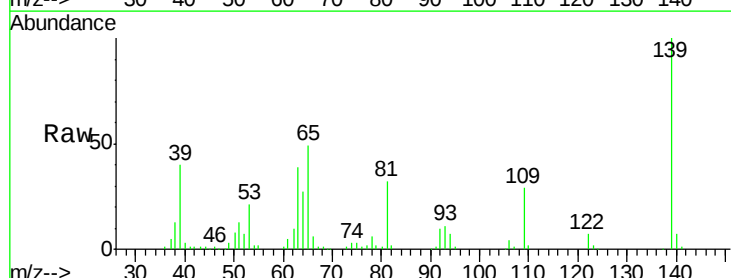
Manual Integrations
APPROVED

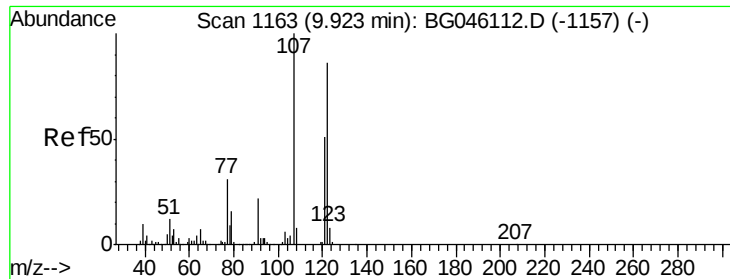
mohammad
8/5/2020 10:29:09 AM



#26
2-Nitrophenol
Concen: 41.466 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	28.6	21.8	32.8
65	49.2	36.2	54.2





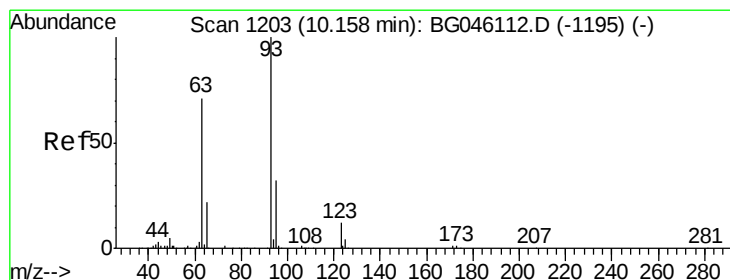
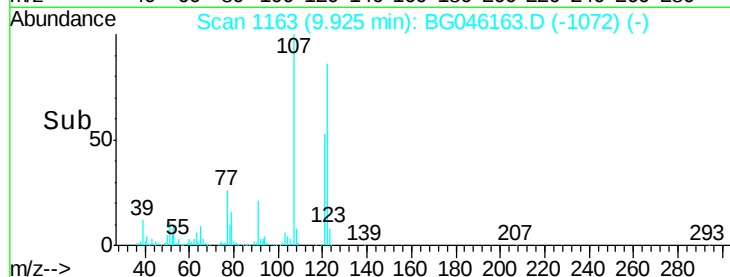
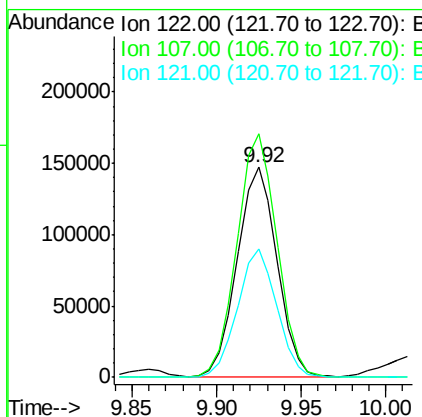
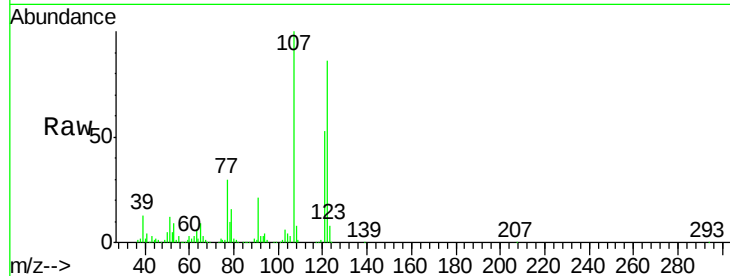
#27
2,4-Dimethylphenol
Concen: 44.187 ng
RT: 9.92 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	240346		
107	116.1	92.4	138.6	
121	61.3	47.0	70.6	

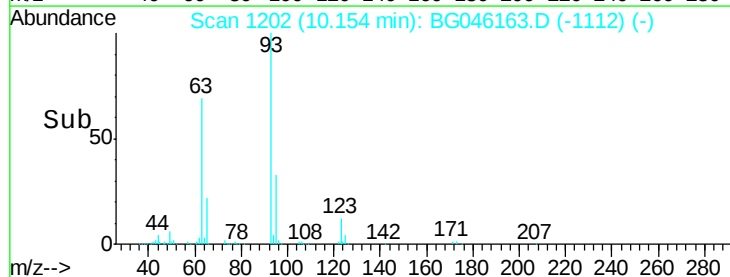
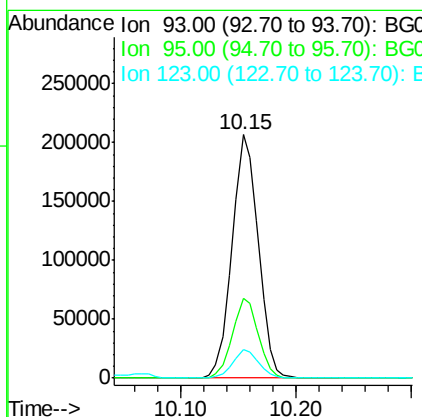
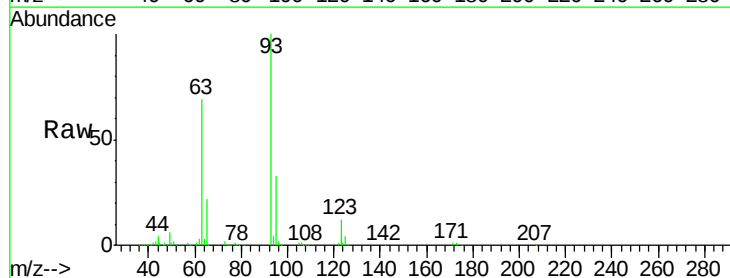
Manual Integrations
APPROVED

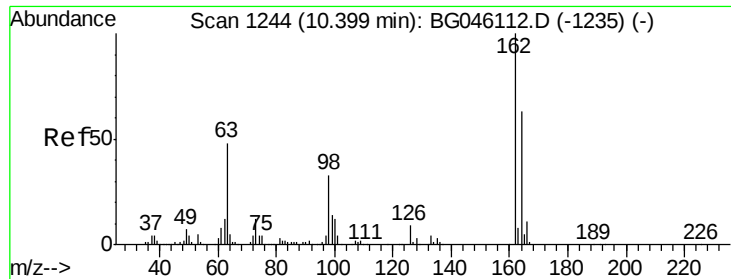
mohammad
8/5/2020 10:29:09 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.300 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	324135		
95	32.7	26.0	39.0	
123	11.5	9.7	14.5	





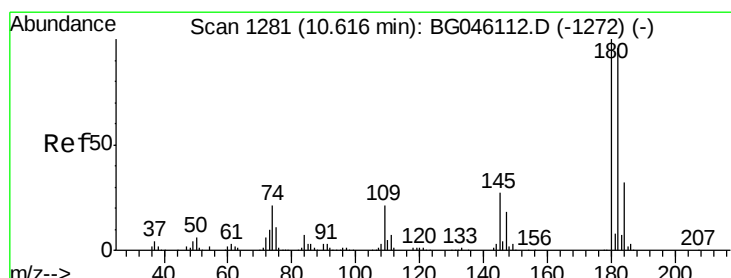
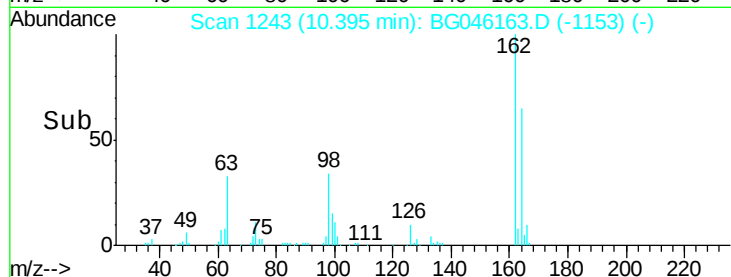
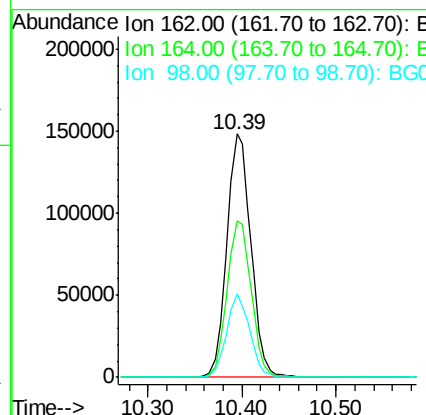
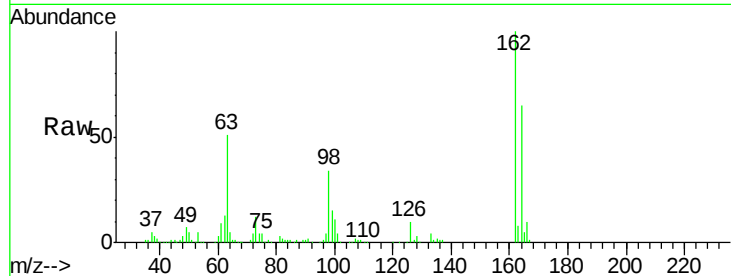
#29
2,4-Dichlorophenol
Concen: 41.208 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	263663		
164	64.5	43.3	83.3	
98	34.1	13.1	53.1	

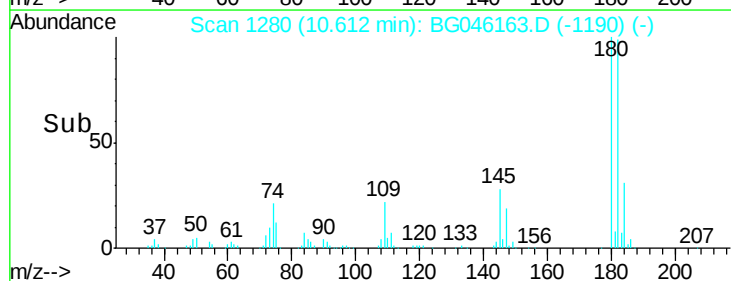
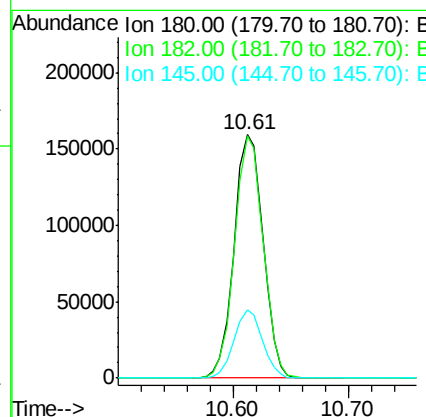
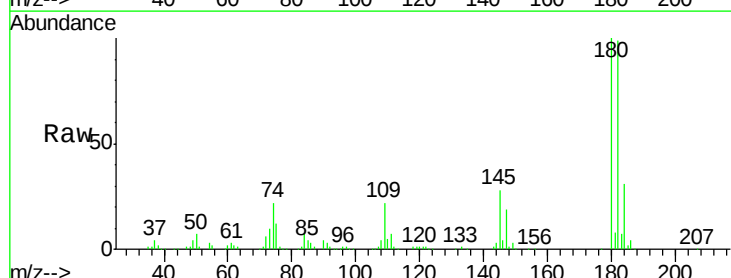
Manual Integrations
APPROVED

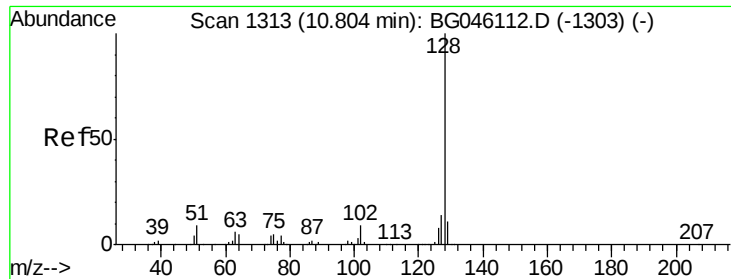
mohammad
8/5/2020 10:29:09 AM



#30
1,2,4-Trichlorobenzene
Concen: 37.041 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	277639		
182	99.5	76.7	115.1	
145	28.2	21.8	32.8	





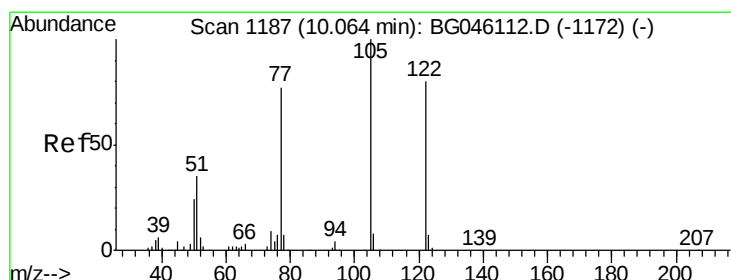
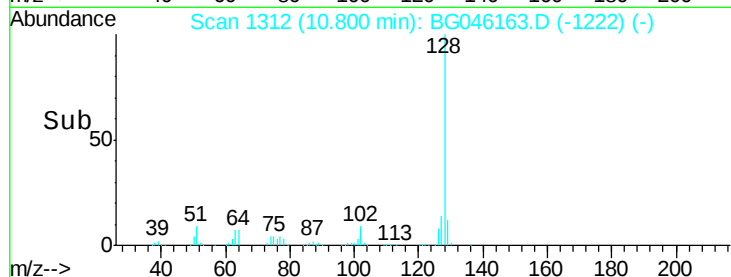
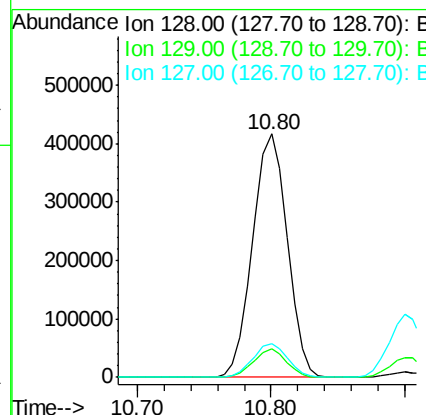
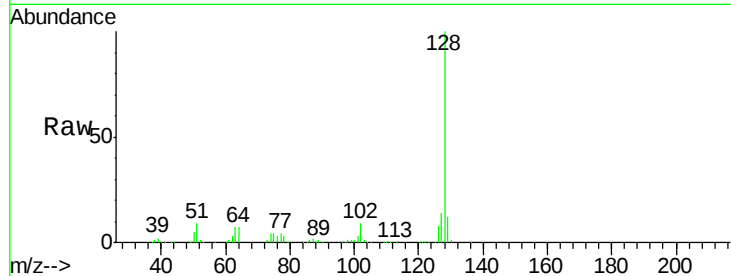
#31
Naphthalene
Concen: 37.646 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	12.0	9.1	13.7
127	13.9	11.3	16.9

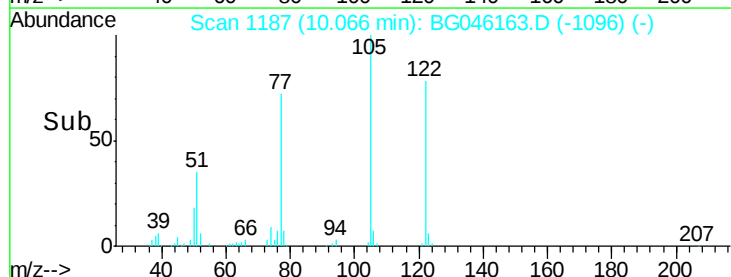
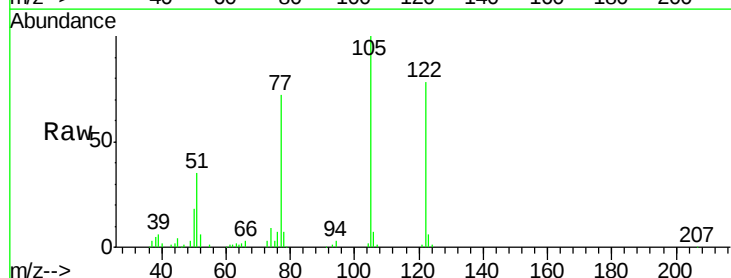
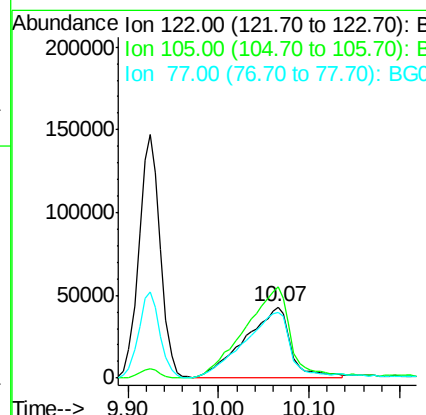
Manual Integrations
APPROVED

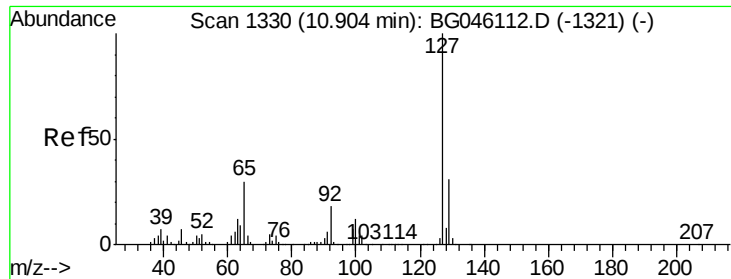
mohammad
8/5/2020 10:29:09 AM



#32
Benzoic acid
Concen: 38.919 ng
RT: 10.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	128.8	103.0	143.0
77	92.9	75.2	115.2





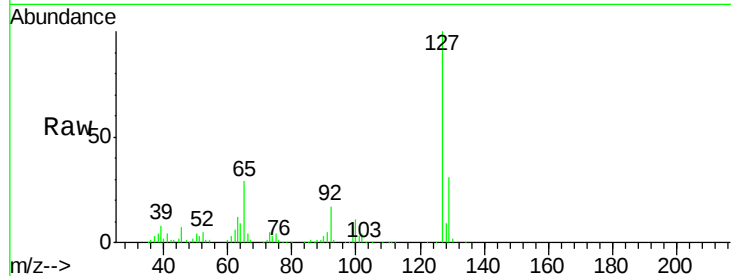
#33
4-Chloroaniline
Concen: 24.451 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

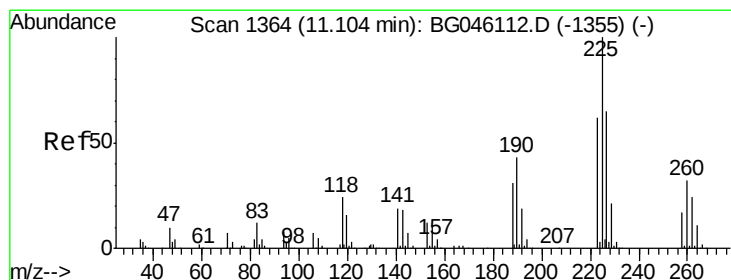
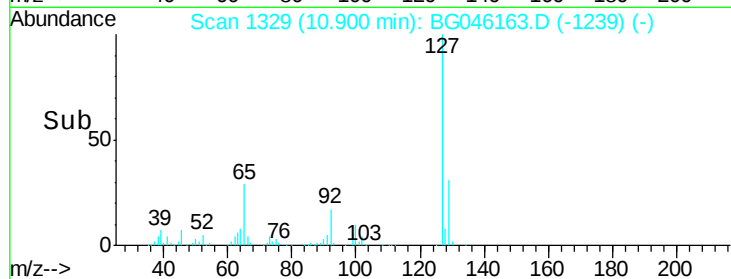
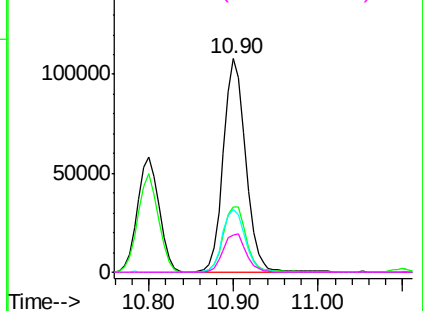
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	198044		
129	30.8	25.2	37.8	
65	29.5	24.2	36.2	
92	17.2	14.5	21.7	

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM

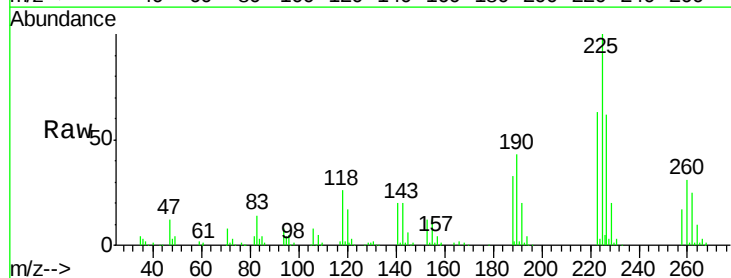


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

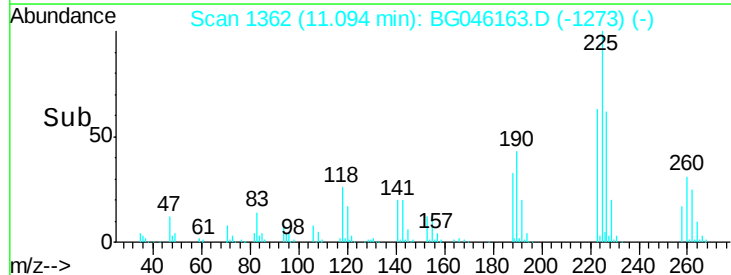
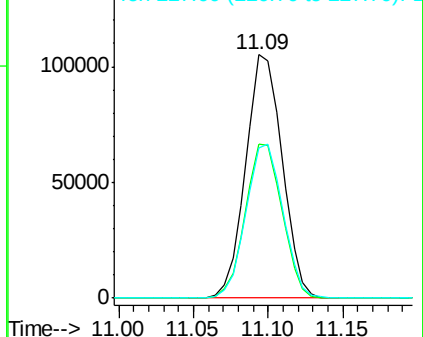


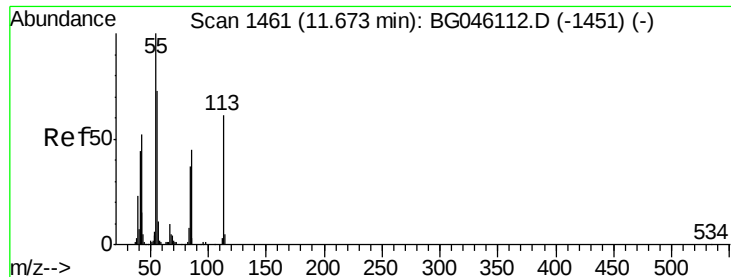
#34
Hexachlorobutadiene
Concen: 35.584 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	177551		
223	63.3	49.8	74.6	
227	61.7	51.9	77.9	



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





#35

Caprolactam

Concen: 43.339 ng m

RT: 11.66 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

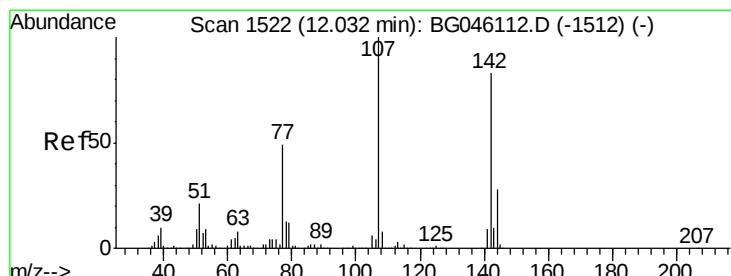
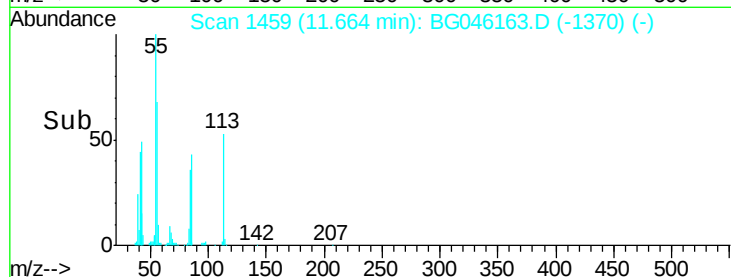
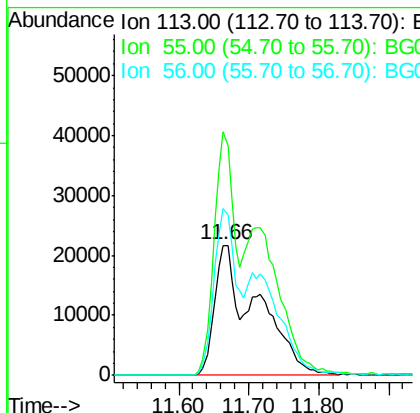
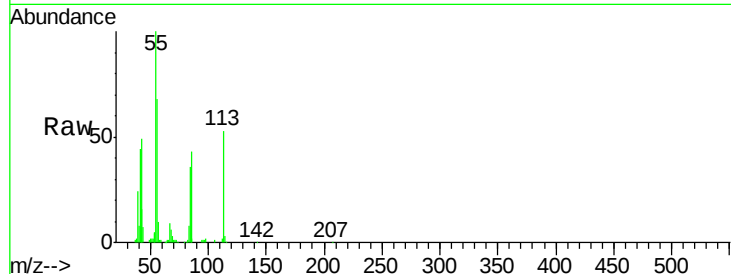
PB130683BS

Tgt Ion:113 Resp: 90761

Ion	Ratio	Lower	Upper
113	100		
55	187.3	144.7	184.7#
56	128.2	99.4	139.4

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



#36

4-Chloro-3-methylphenol

Concen: 42.586 ng

RT: 12.03 min Scan# 1521

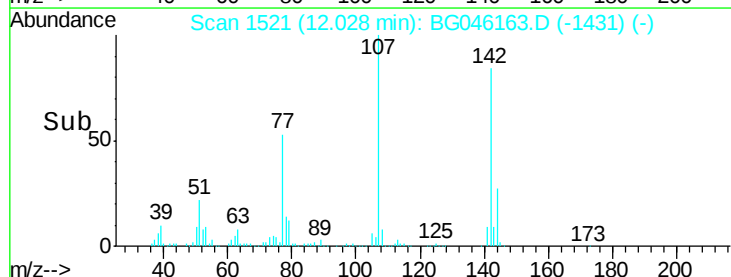
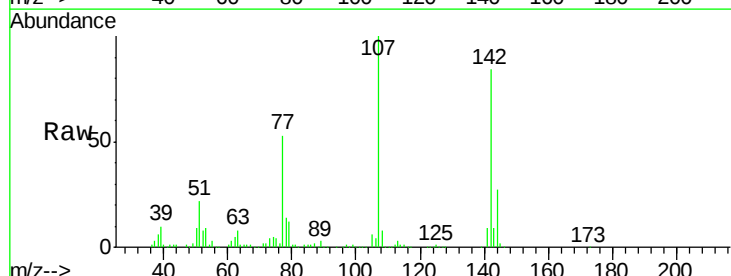
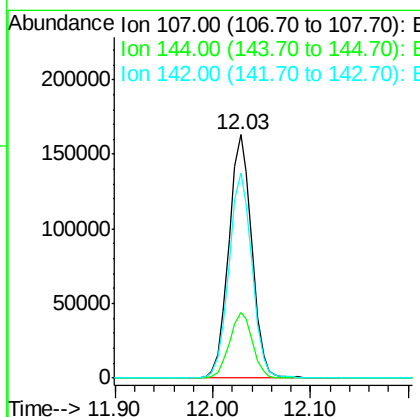
Delta R.T. -0.00 min

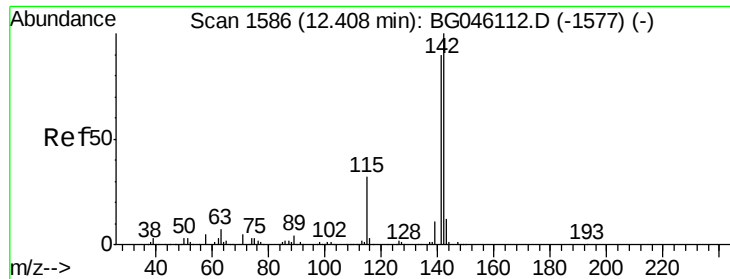
Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion:107 Resp: 267397

Ion	Ratio	Lower	Upper
107	100		
144	27.0	22.4	33.6
142	84.3	66.6	100.0





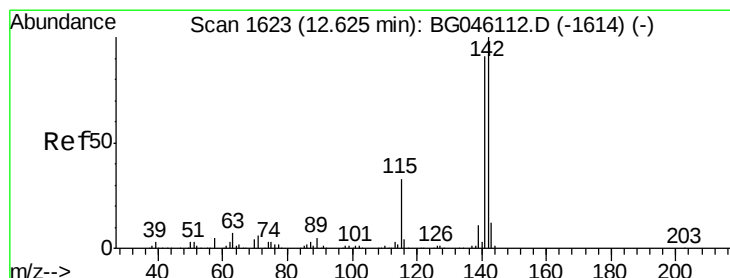
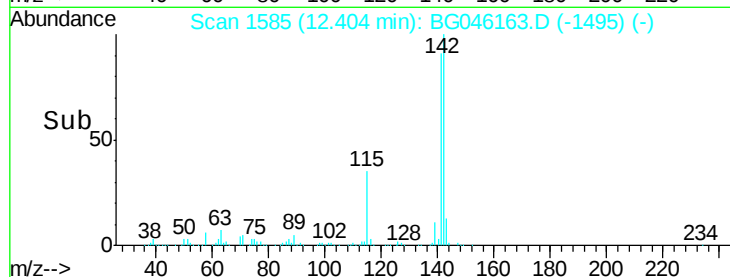
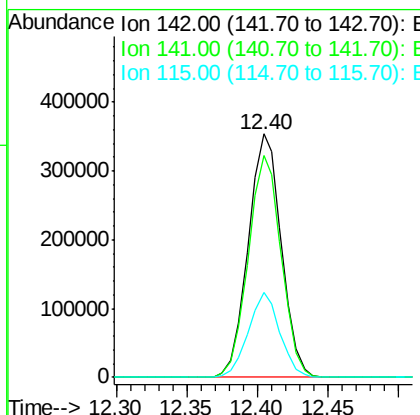
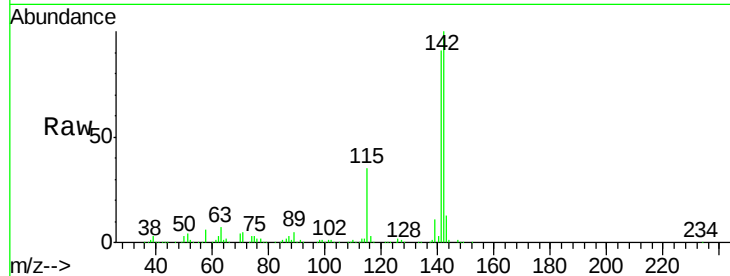
#37
 2-Methylnaphthalene
 Concen: 38.096 ng
 RT: 12.40 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	581025		
141	91.3	71.7	107.5	
115	34.7	25.8	38.8	

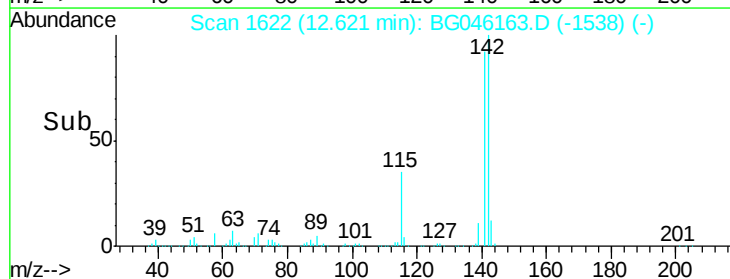
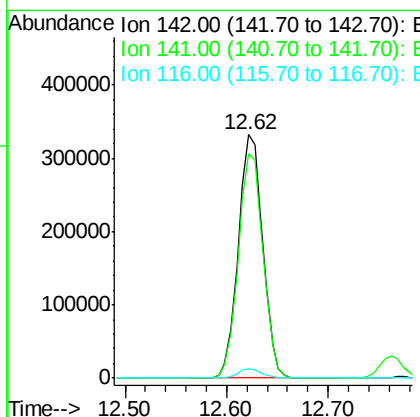
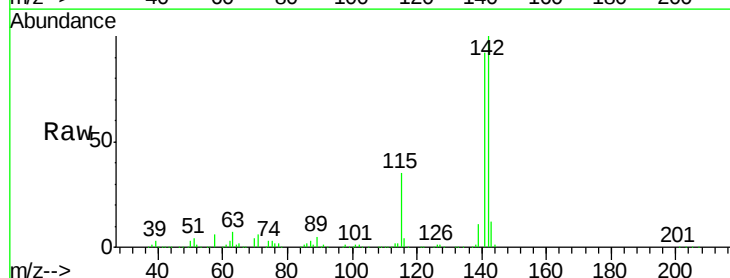
Manual Integrations
 APPROVED

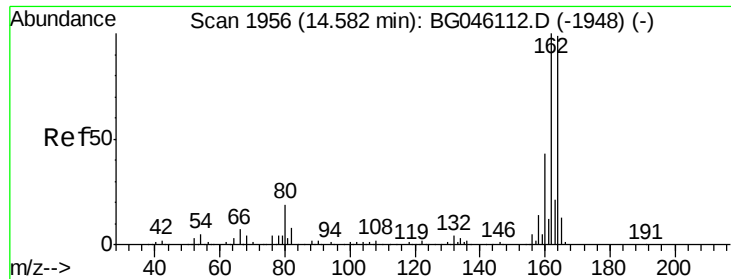
mohammad
 8/5/2020 10:29:09 AM



#38
 1-Methylnaphthalene
 Concen: 38.353 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	553523		
141	92.3	73.0	109.4	
116	3.7	2.8	4.2	





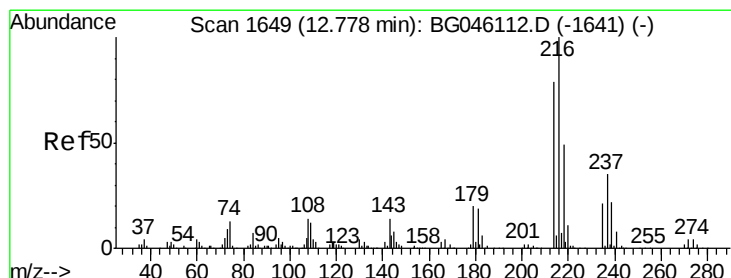
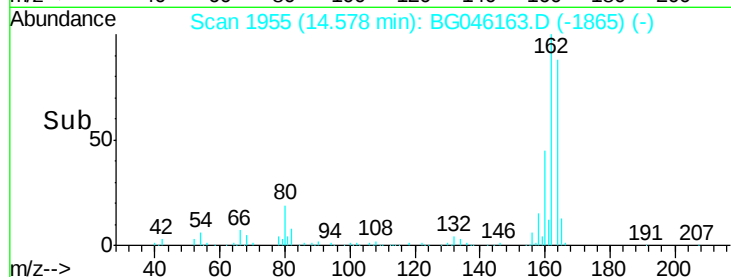
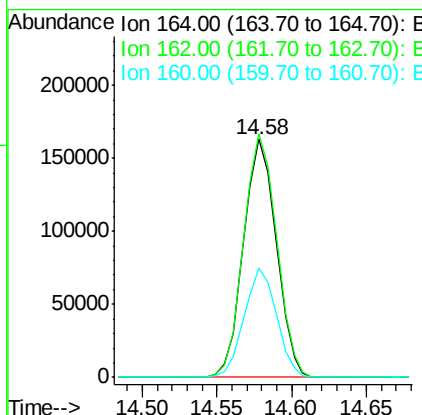
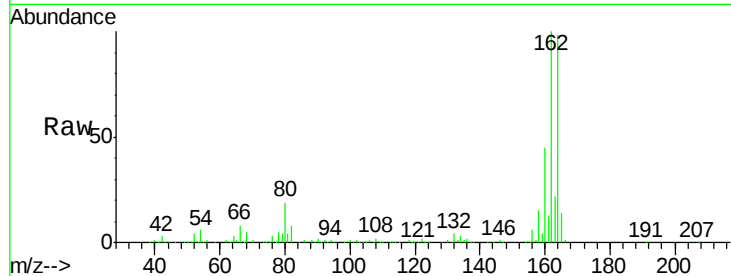
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	247858		
162	102.3	80.6	121.0	
160	46.0	34.9	52.3	

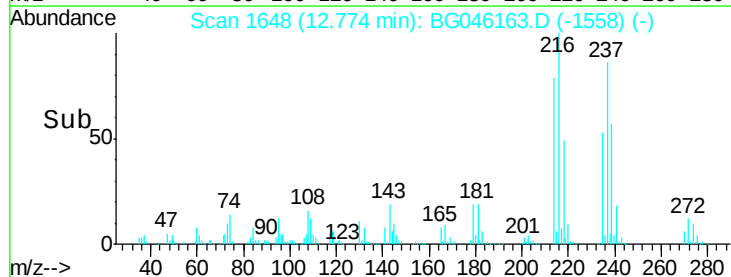
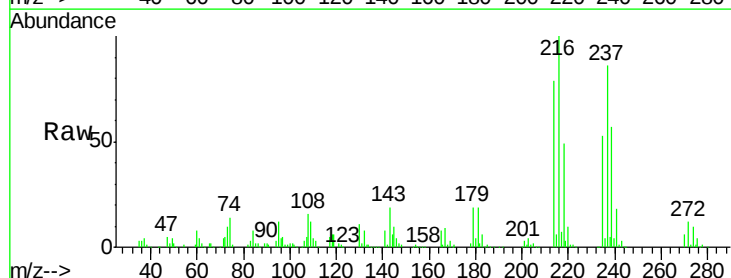
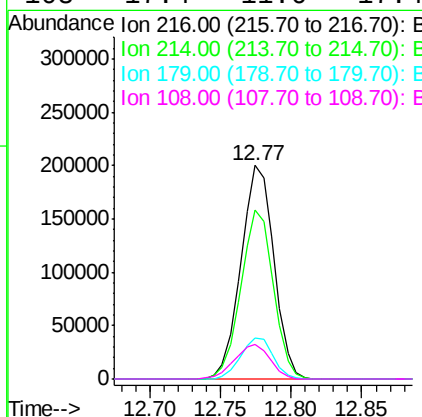
Manual Integrations
APPROVED

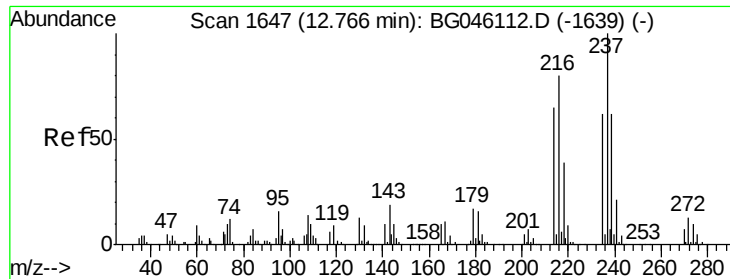
mohammad
8/5/2020 10:29:09 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.571 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	326595		
214	77.9	62.7	94.1	
179	19.1	15.0	22.6	
108	17.4	11.6	17.4#	





#41

Hexachlorocyclopentadiene

Concen: 87.335 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

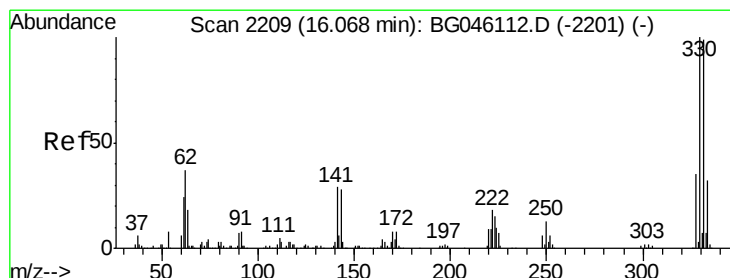
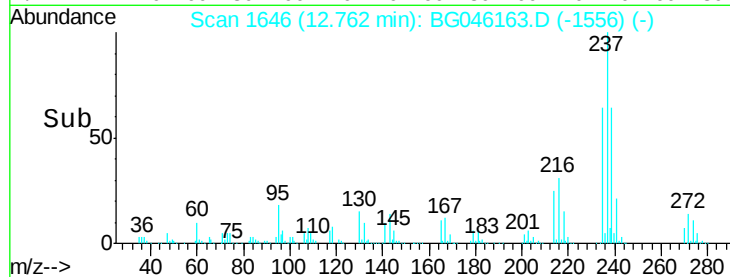
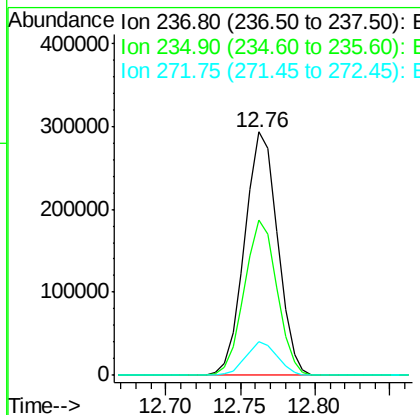
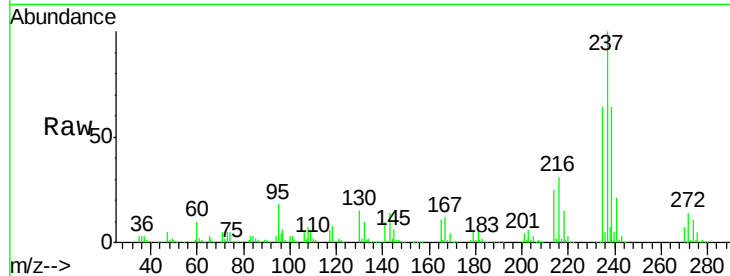
ClientSampleId :

PB130683BS

Tgt	Ion	237	Resp:	447365
	Ion	Ratio	Lower	Upper
	237	100		
	235	63.8	42.3	82.3
	272	13.7	0.0	32.7

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



#42

2,4,6-Tribromophenol

Concen: 104.573 ng

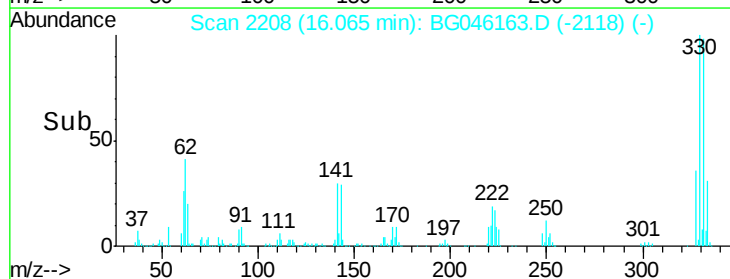
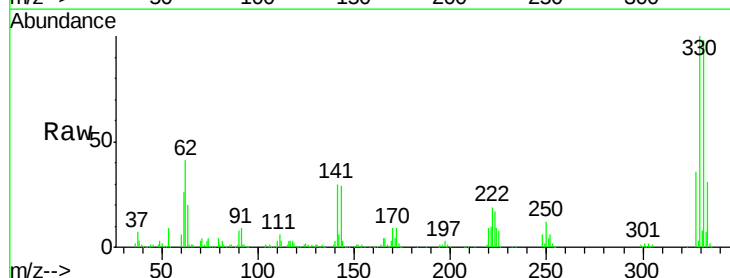
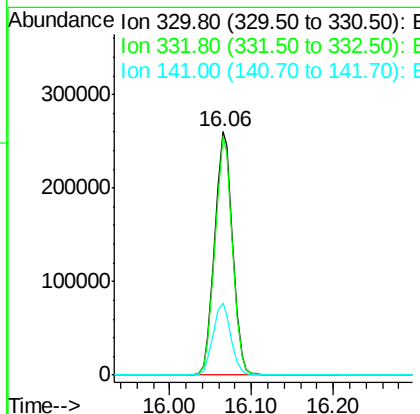
RT: 16.06 min Scan# 2208

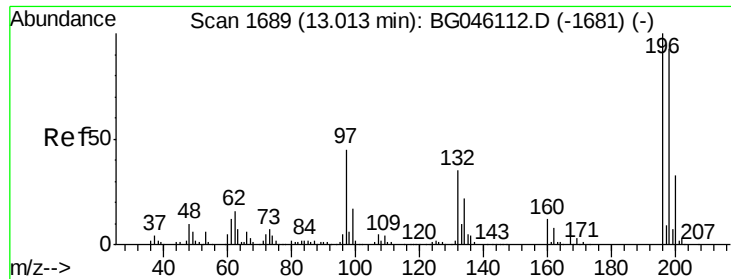
Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt	Ion	330	Resp:	398113
	Ion	Ratio	Lower	Upper
	330	100		
	332	95.8	77.4	116.2
	141	29.6	23.4	35.0





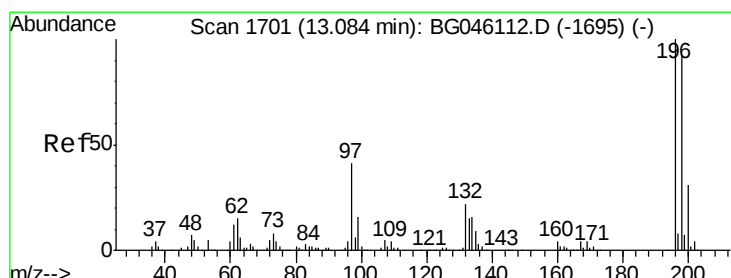
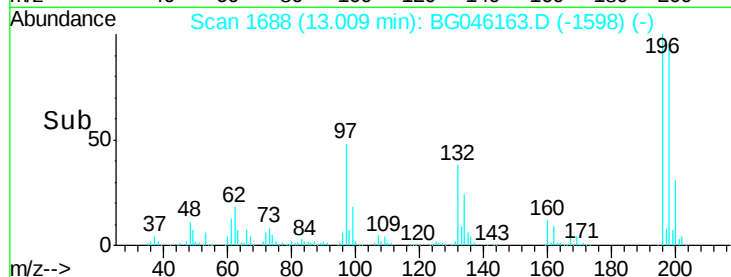
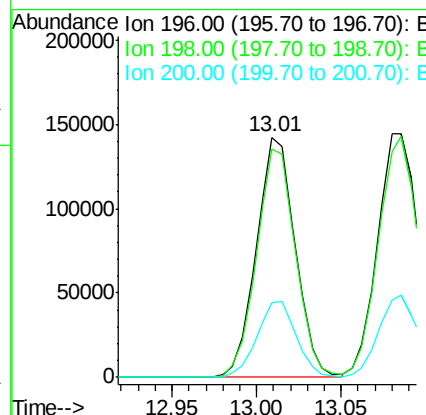
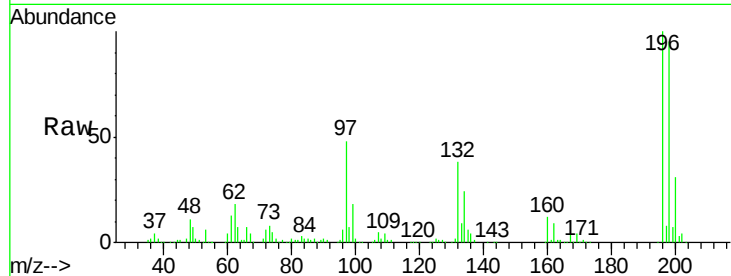
#43
 2,4,6-Trichlorophenol
 Concen: 39.739 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	226417		
198	95.0	74.2	111.4	
200	30.9	26.0	39.0	

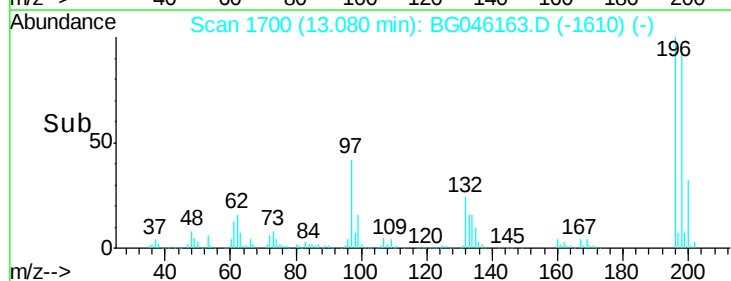
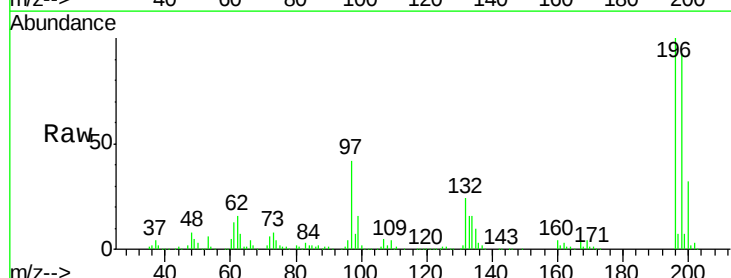
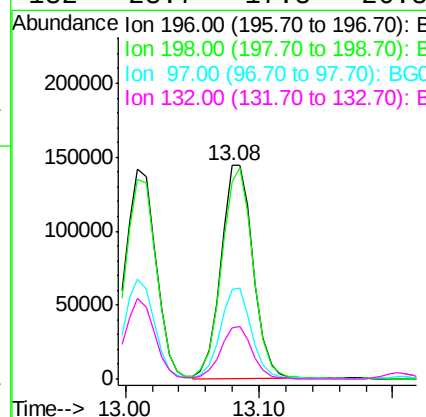
Manual Integrations
 APPROVED

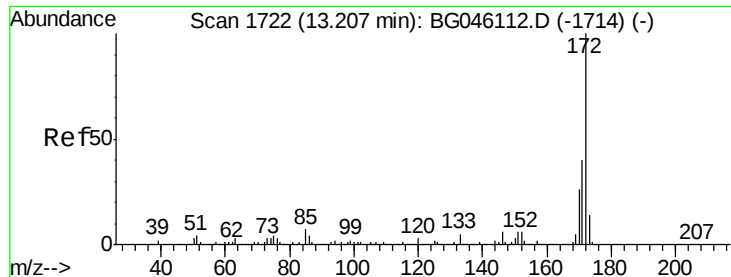
mohammad
 8/5/2020 10:29:09 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.216 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	243791		
198	92.6	73.9	110.9	
97	42.0	32.7	49.1	
132	23.7	17.8	26.8	





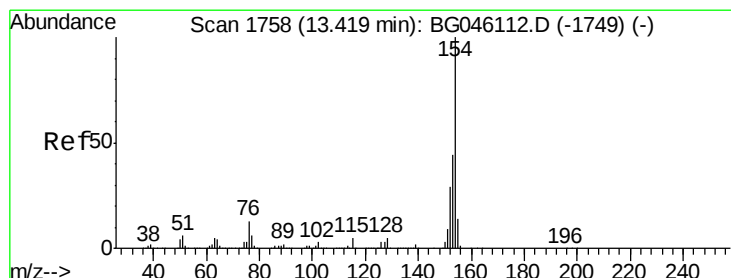
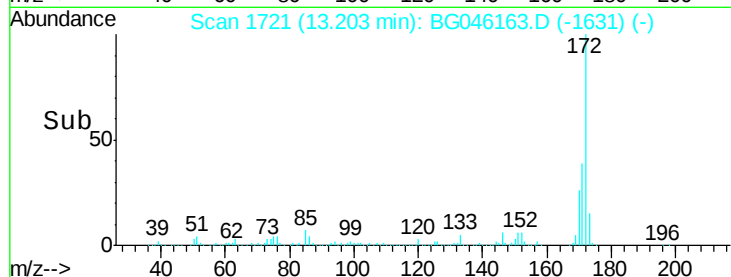
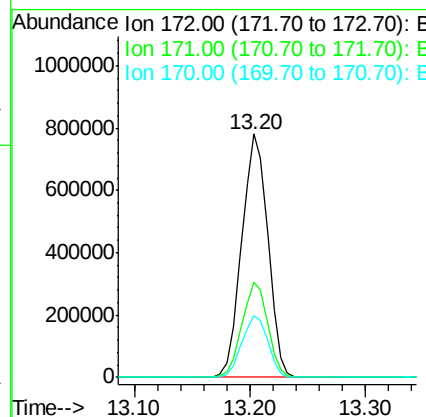
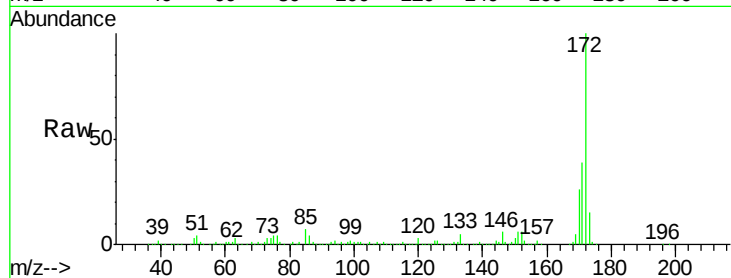
#45
2-Fluorobiphenyl
Concen: 71.746 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.7	47.5
170	25.6	20.9	31.3

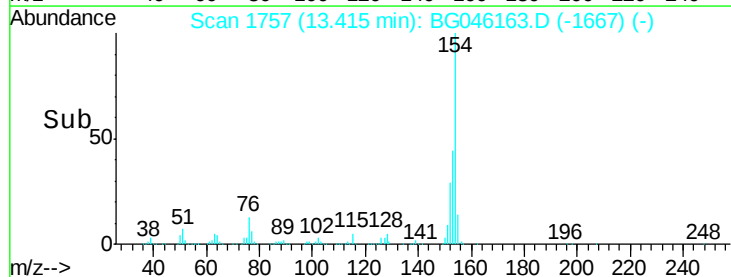
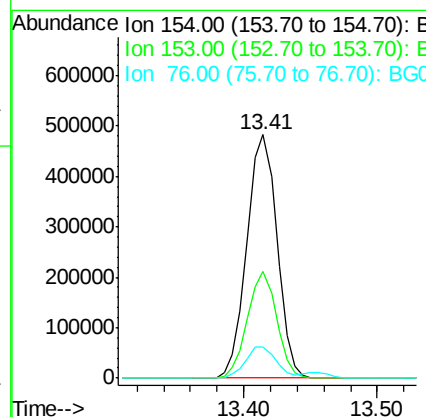
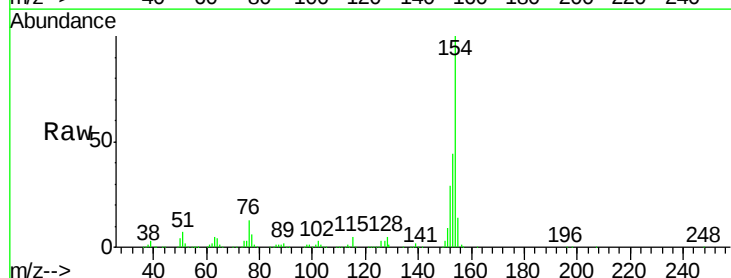
Manual Integrations
APPROVED

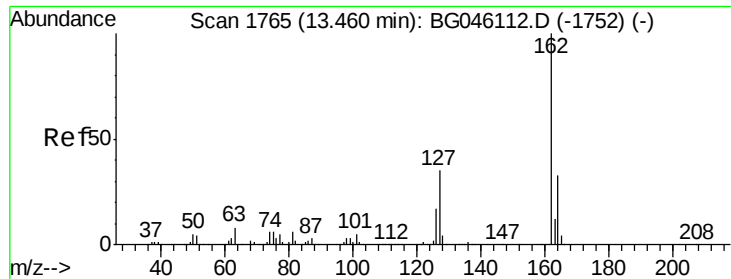
mohammad
8/5/2020 10:29:09 AM



#46
1,1'-Biphenyl
Concen: 38.636 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	23.7	63.7
76	13.0	0.0	32.9





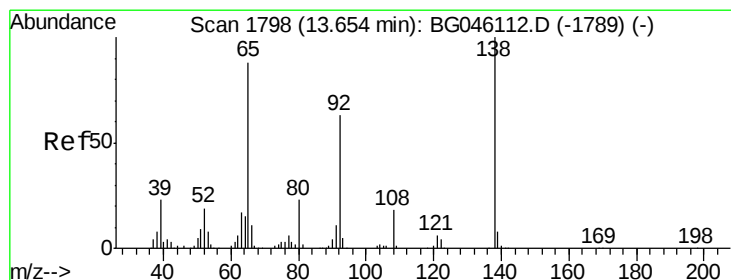
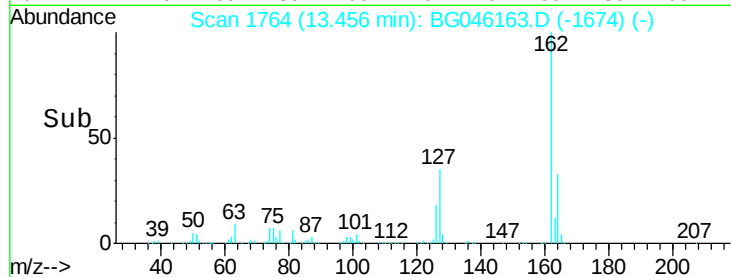
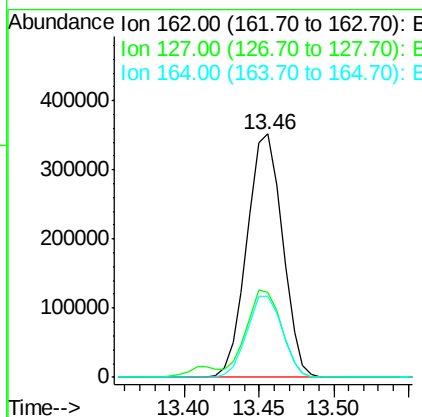
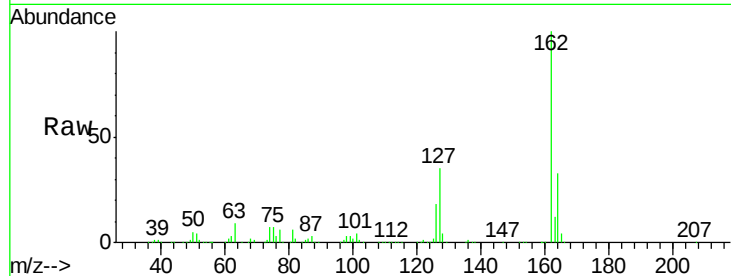
#47
 2-Chloronaphthalene
 Concen: 37.360 ng
 RT: 13.46 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	579439		
127	34.8	28.0	42.0	
164	33.2	26.5	39.7	

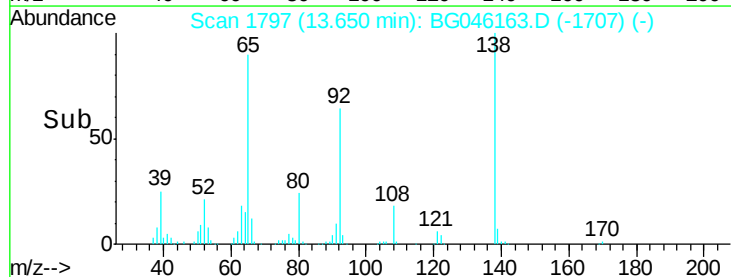
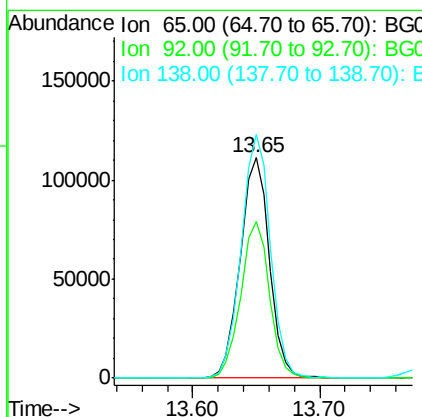
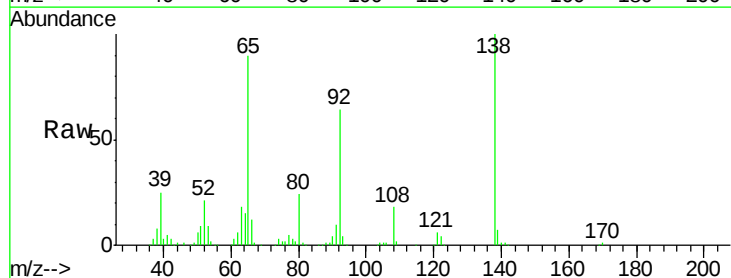
Manual Integrations
 APPROVED

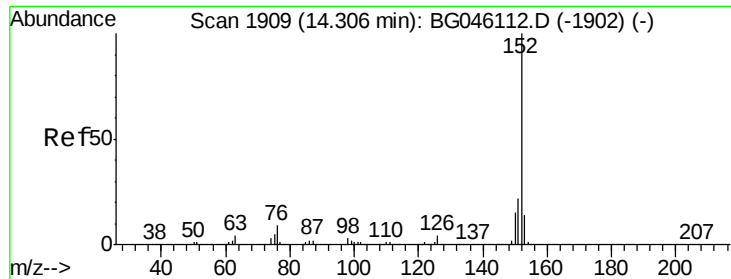
mohammad
 8/5/2020 10:29:09 AM



#48
 2-Nitroaniline
 Concen: 43.792 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	178031		
92	70.9	57.4	86.2	
138	110.7	91.1	136.7	





#49

Acenaphthylene

Concen: 39.029 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

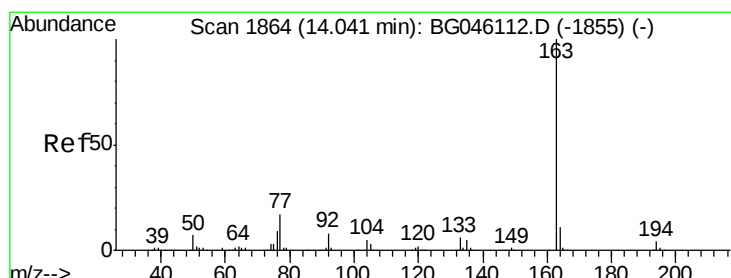
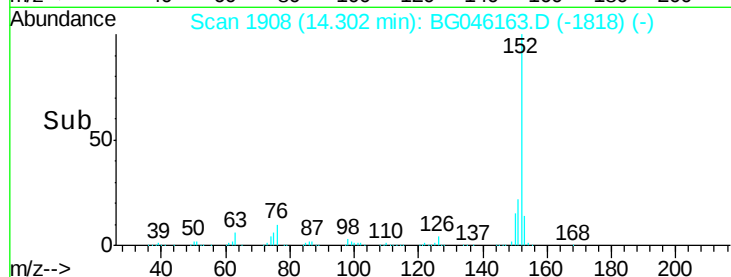
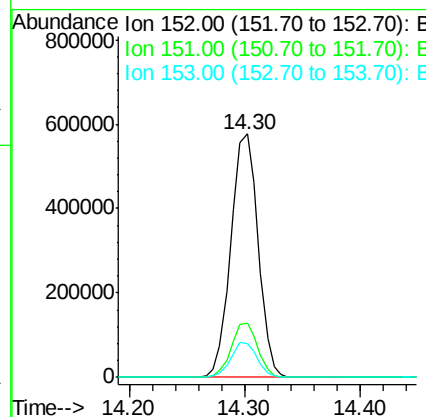
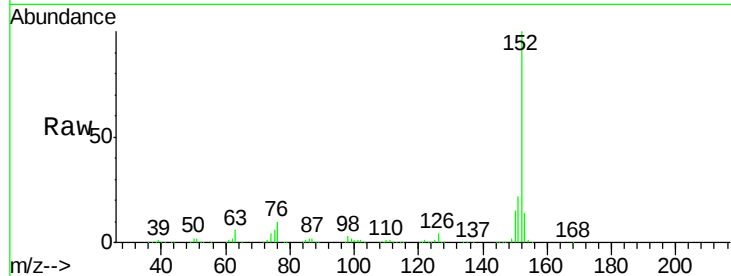
ClientSampleId :

PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	939958		
151	22.0		17.4	26.2
153	14.1		10.9	16.3

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



#50

Dimethylphthalate

Concen: 39.579 ng

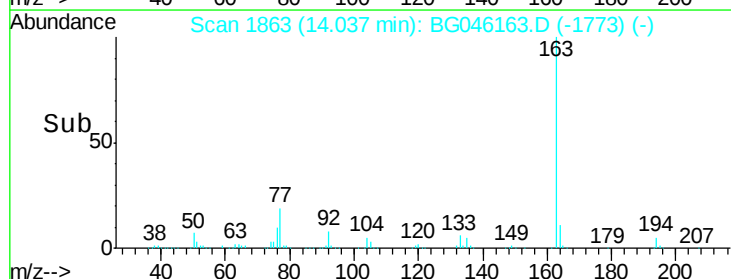
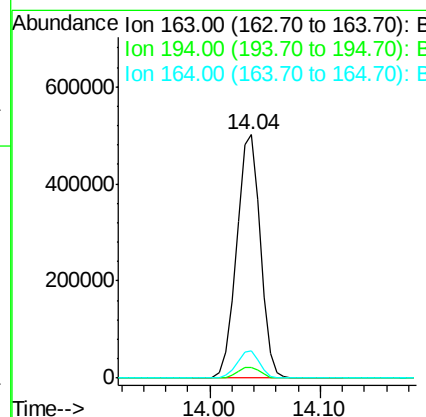
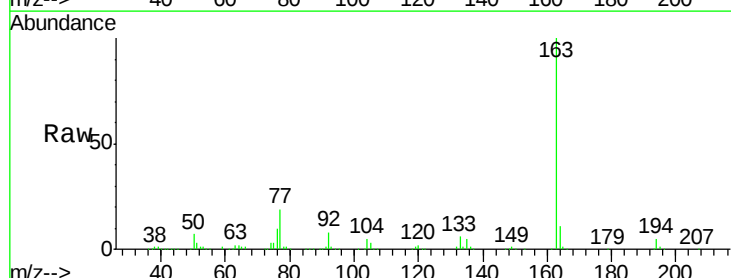
RT: 14.04 min Scan# 1863

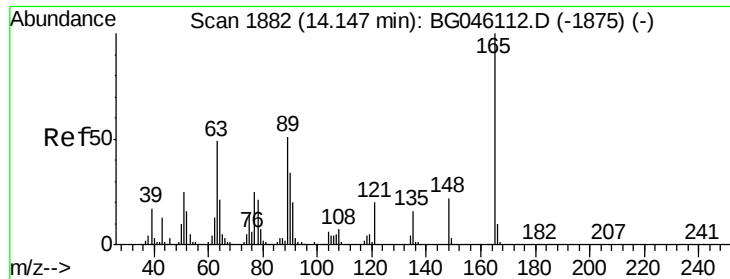
Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	752938		
194	4.6		3.5	5.3
164	11.0		8.8	13.2





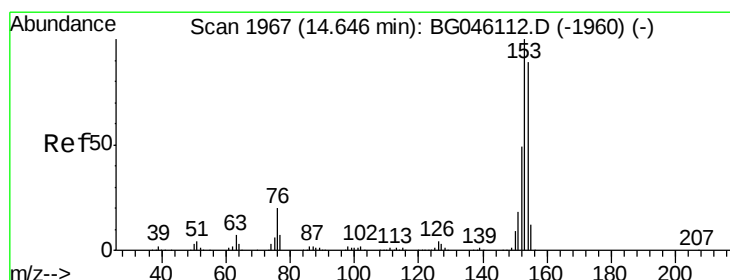
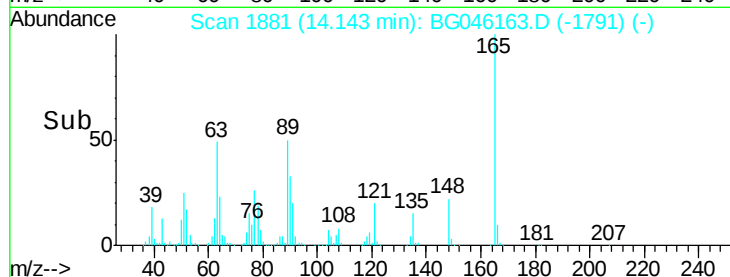
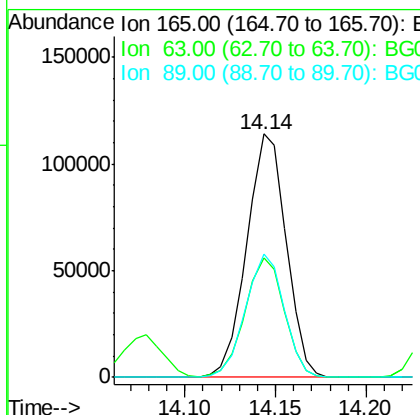
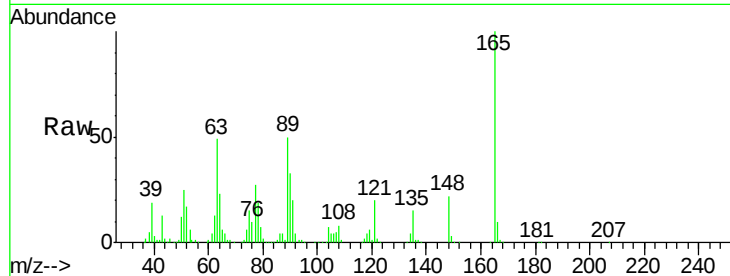
#51
 2,6-Dinitrotoluene
 Concen: 38.974 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	172554		
63	49.2	39.7	59.5	
89	50.4	41.0	61.6	

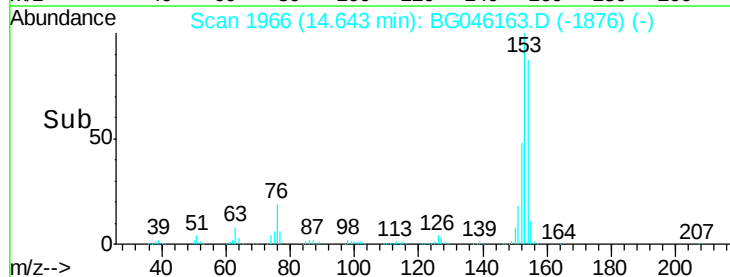
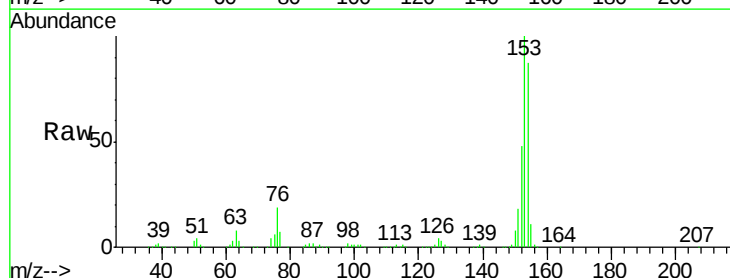
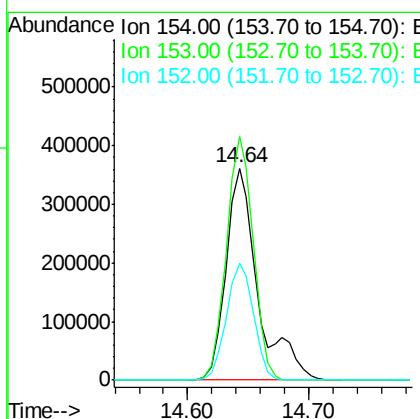
Manual Integrations
 APPROVED

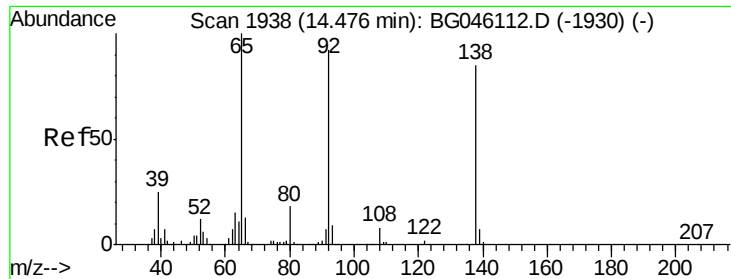
mohammad
 8/5/2020 10:29:09 AM



#52
 Acenaphthene
 Concen: 41.773 ng m
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	663964		
153	115.0	89.8	134.8	
152	55.4	44.5	66.7	





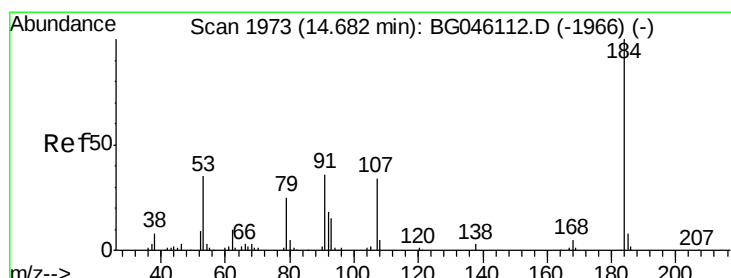
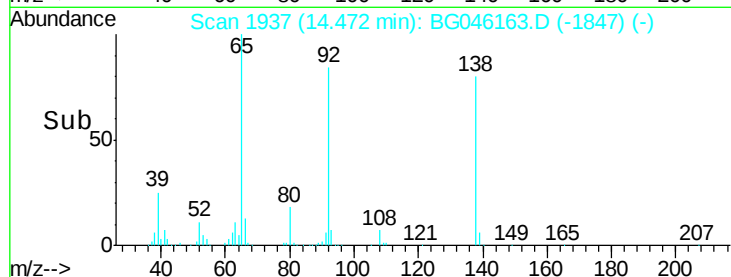
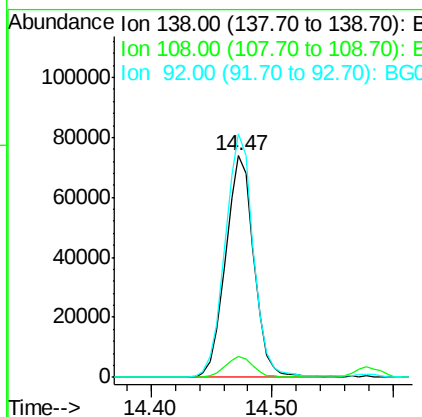
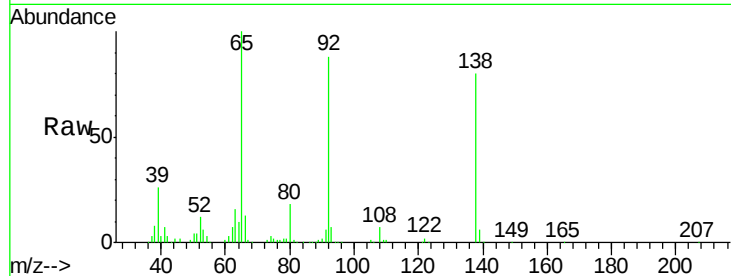
#53
3-Nitroaniline
Concen: 27.429 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampled :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	120394		
108	9.3	7.2	10.8	
92	109.9	87.5	131.3	

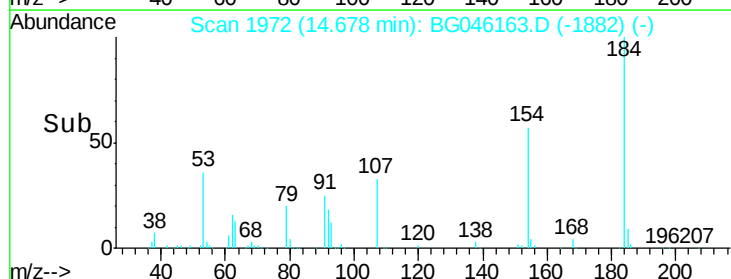
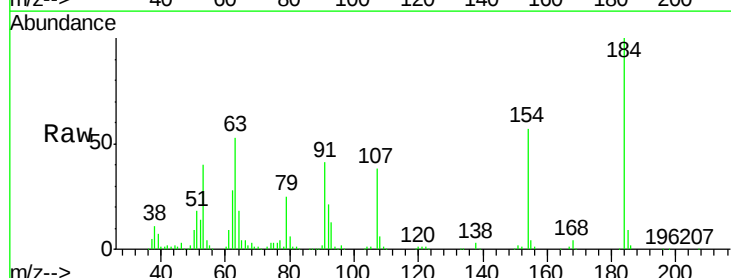
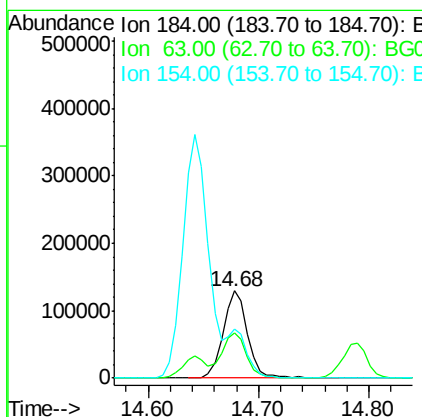
Manual Integrations
APPROVED

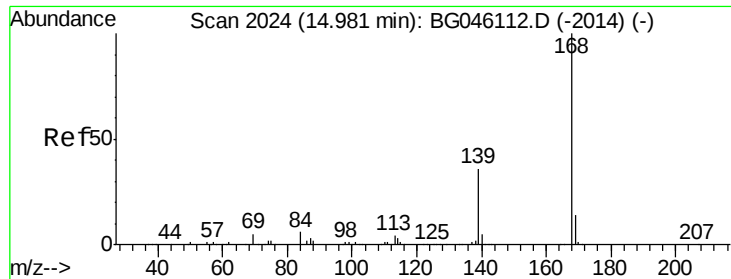
mohammad
8/5/2020 10:29:09 AM



#54
2,4-Dinitrophenol
Concen: 71.651 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	198711		
63	52.6	36.7	55.1	
154	56.6	41.3	61.9	





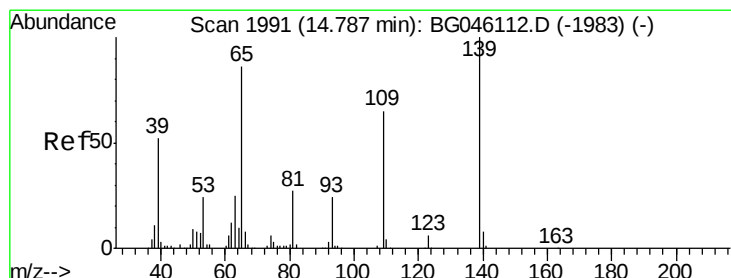
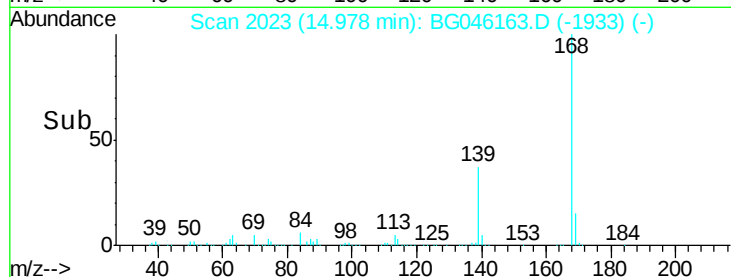
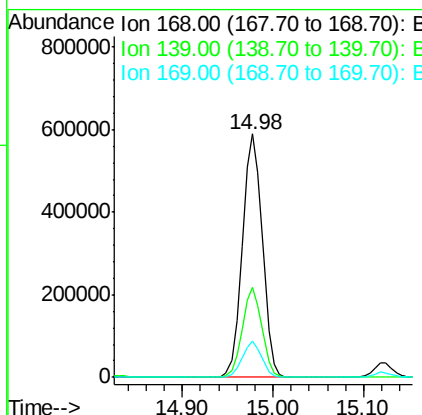
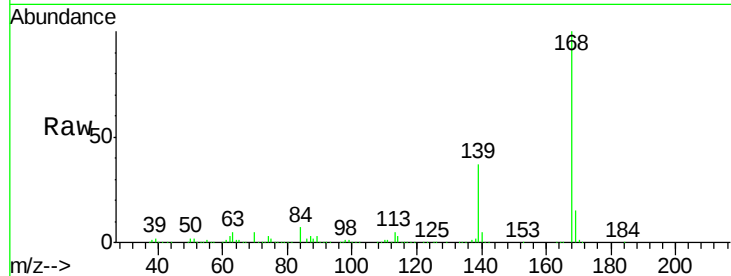
#55
Dibenzenofuran
Concen: 37.476 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	898818		
139	37.1	29.0	43.4	
169	14.7	11.3	16.9	

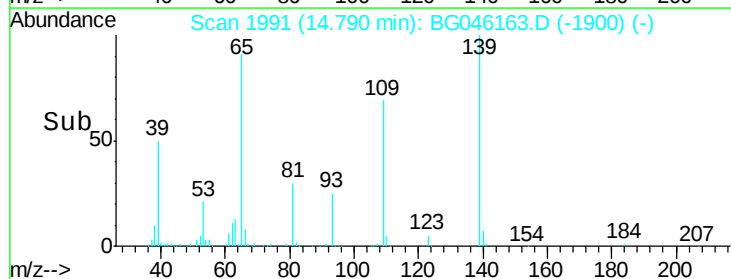
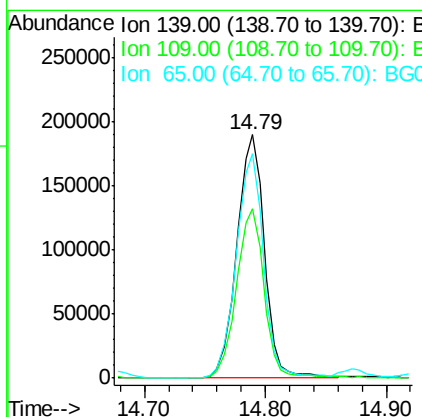
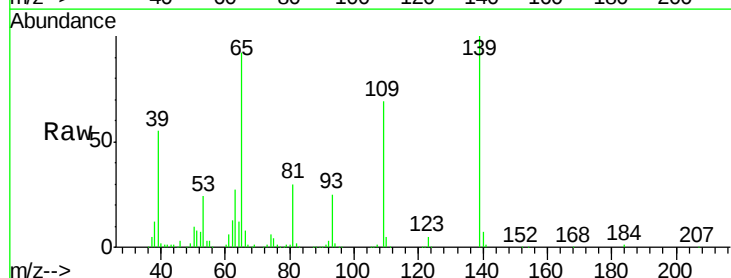
Manual Integrations
APPROVED

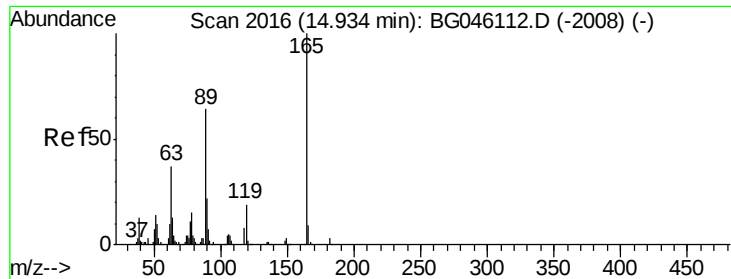
mohammad
8/5/2020 10:29:09 AM



#56
4-Nitrophenol
Concen: 79.724 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	303809		
109	69.5	45.1	85.1	
65	92.2	66.4	106.4	





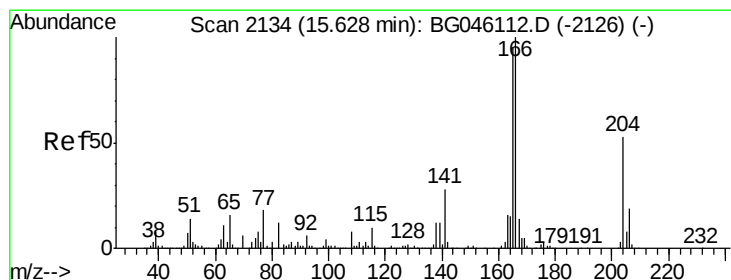
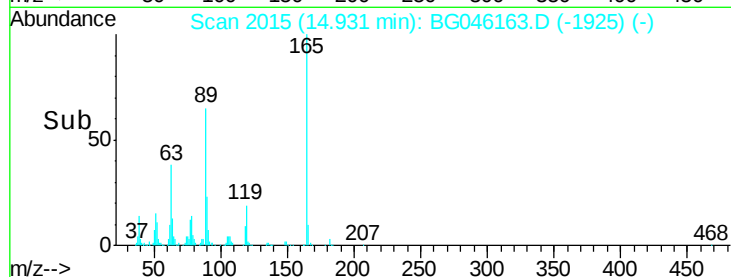
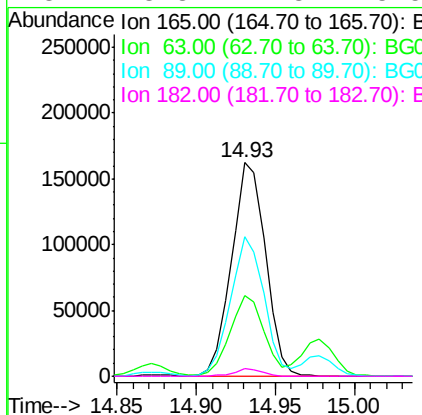
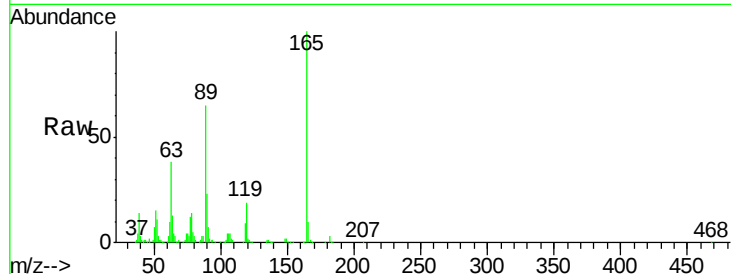
#57
2,4-Dinitrotoluene
Concen: 39.760 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	242027		
63	38.1	30.1	45.1	
89	65.3	51.4	77.2	
182	3.3	2.3	3.5	

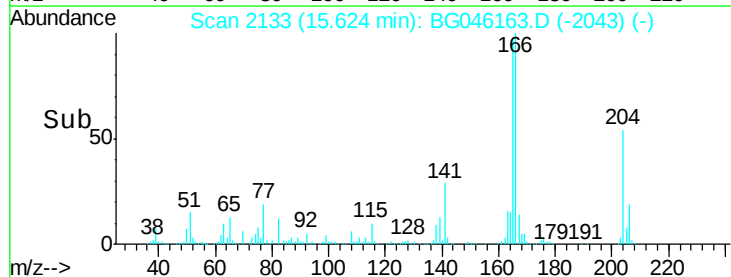
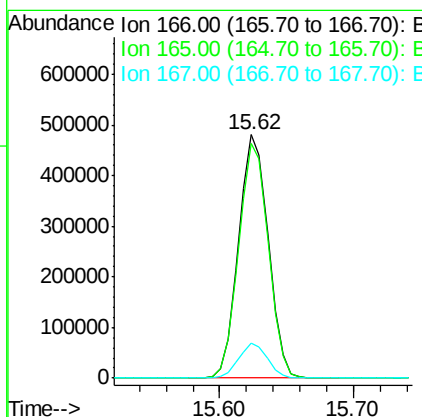
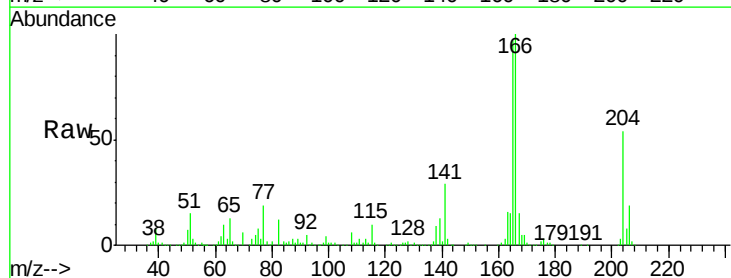
Manual Integrations
APPROVED

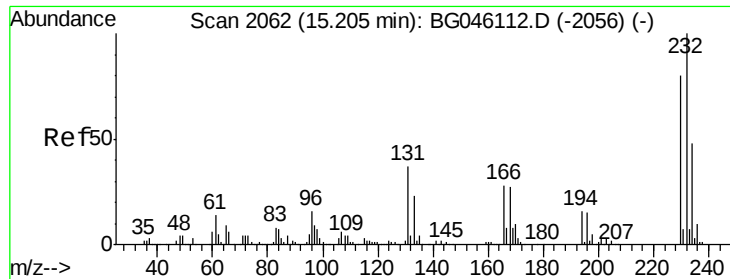
mohammad
8/5/2020 10:29:09 AM



#58
Fluorene
Concen: 37.933 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	736770		
165	96.5	76.3	114.5	
167	14.5	11.0	16.6	





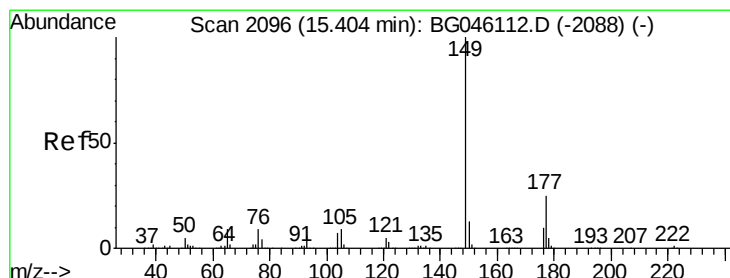
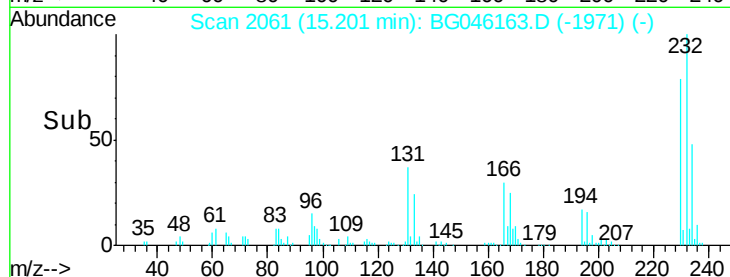
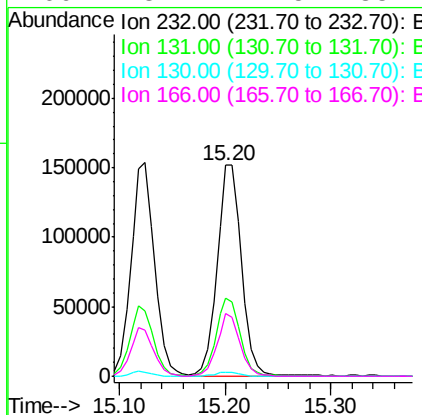
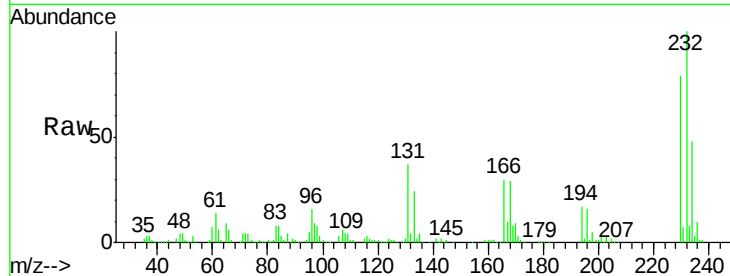
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.532 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	243190		
131	36.8	28.6	42.8	
130	2.1	1.6	2.4	
166	28.2	22.5	33.7	

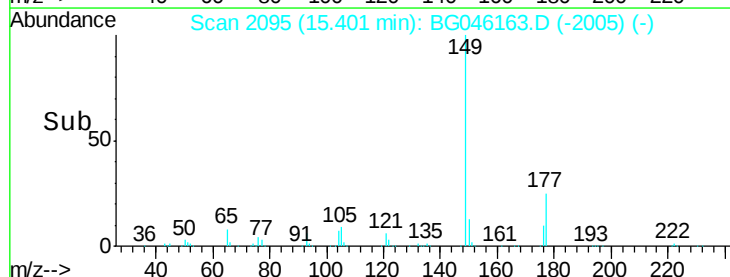
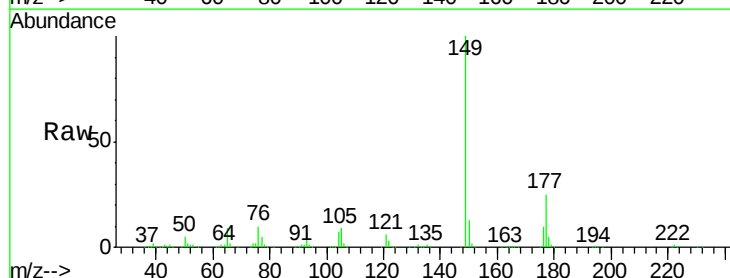
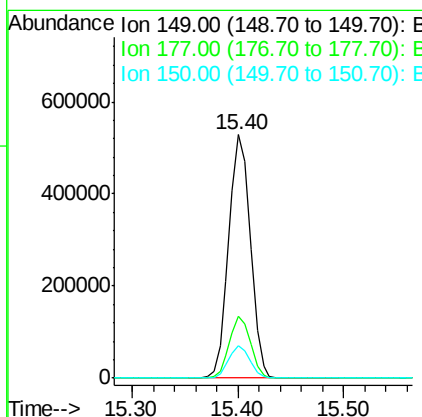
Manual Integrations
 APPROVED

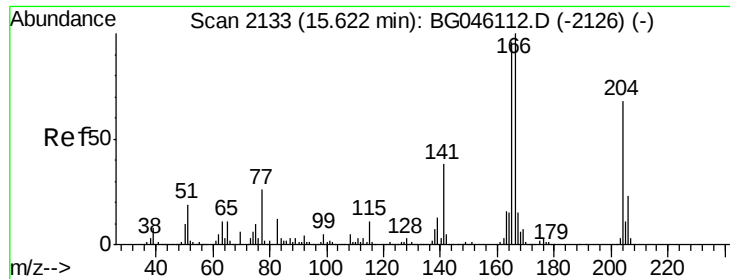
mohammad
 8/5/2020 10:29:09 AM



#60
 Diethylphthalate
 Concen: 39.919 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	747042		
177	25.2	19.7	29.5	
150	13.4	10.8	16.2	





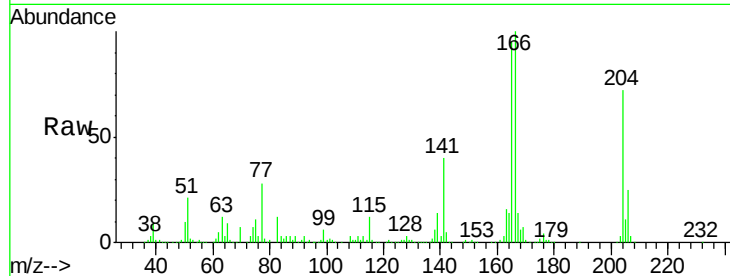
#61
 4-Chlorophenyl-phenylether
 Concen: 39.246 ng
 RT: 15.62 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

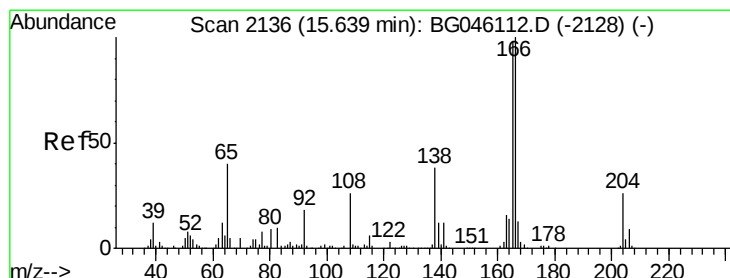
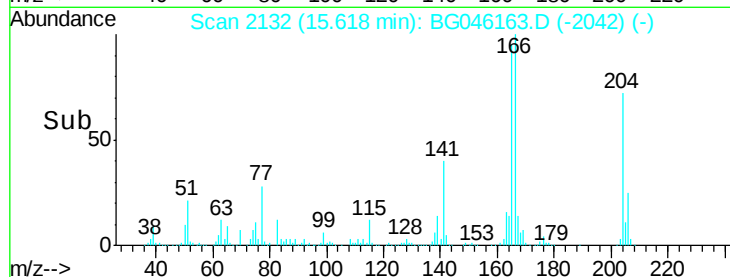
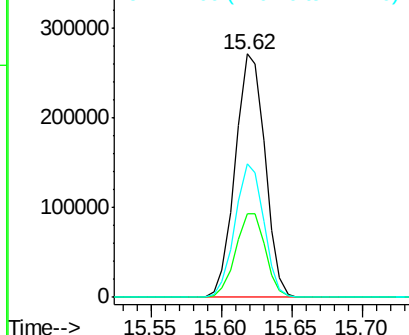
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	398135		
206	34.3	27.7	41.5	
141	54.8	44.7	67.1	

Manual Integrations
 APPROVED

mohammad
 8/5/2020 10:29:09 AM

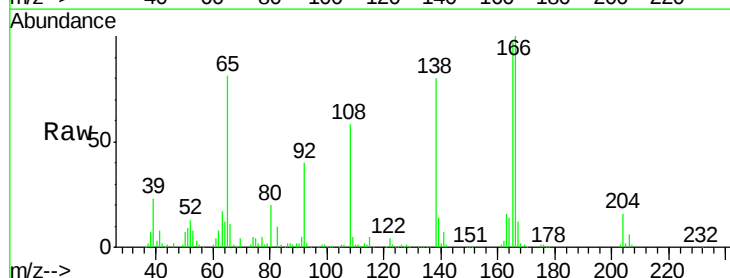


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

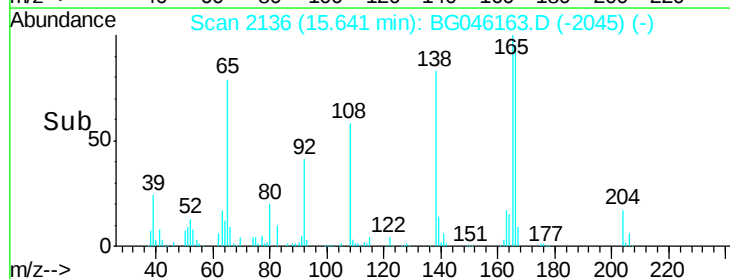
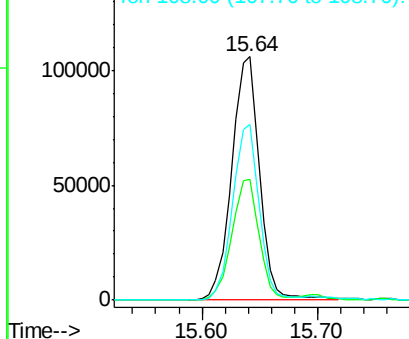


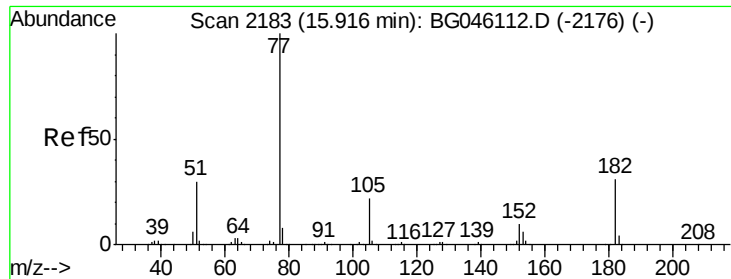
#62
 4-Nitroaniline
 Concen: 40.089 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	176967		
92	49.7	28.3	68.3	
108	72.1	49.2	89.2	



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





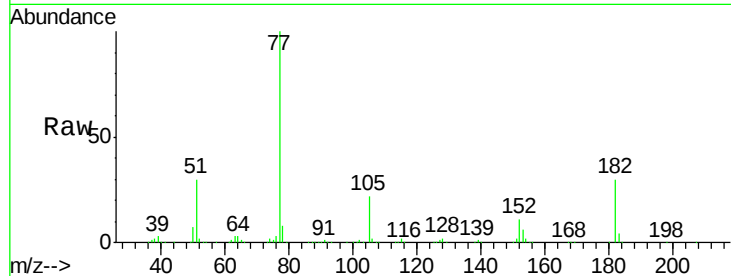
#63
Azobenzene
Concen: 38.744 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

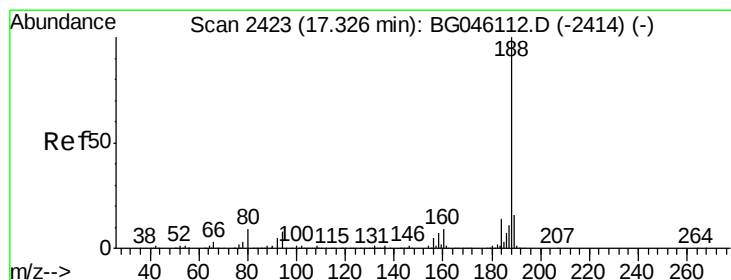
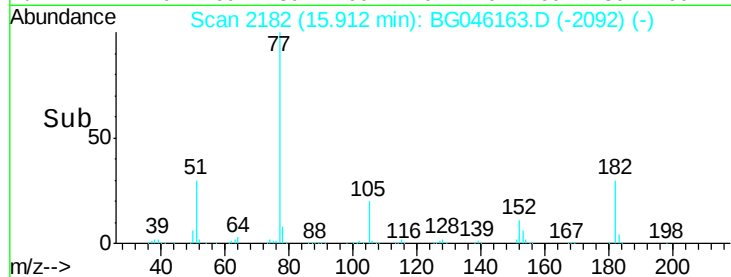
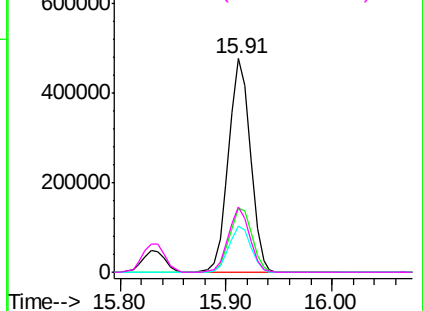
Tgt Ion:	77	Resp:	679514
Ion	Ratio	Lower	Upper
77	100		
182	30.2	10.7	50.7
105	21.5	1.9	41.9
51	30.3	9.5	49.5

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



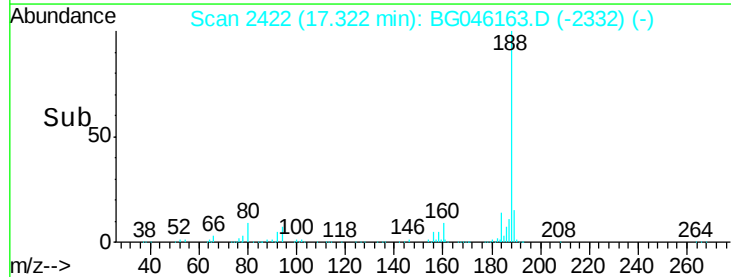
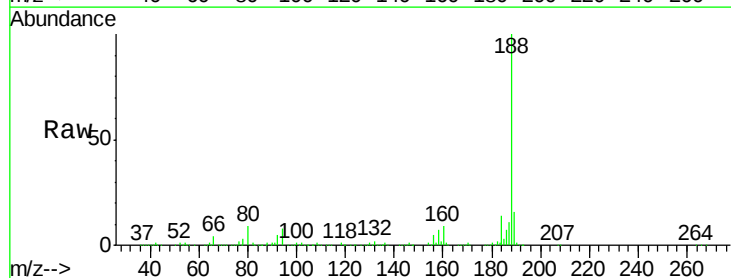
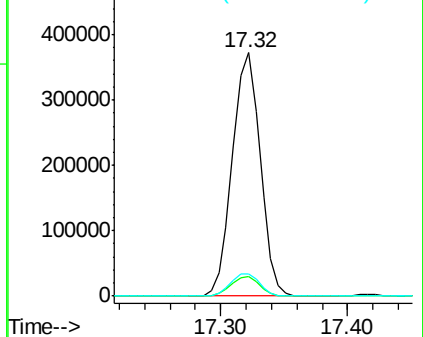
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

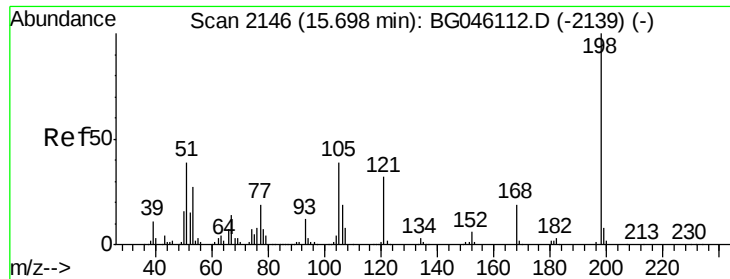


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion:	188	Resp:	566248
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	9.0	7.4	11.0

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.211 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

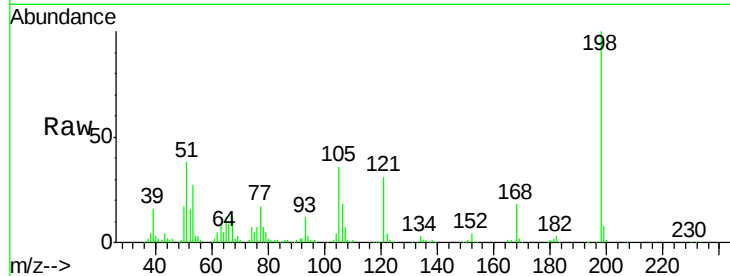
ClientSampleId :

PB130683BS

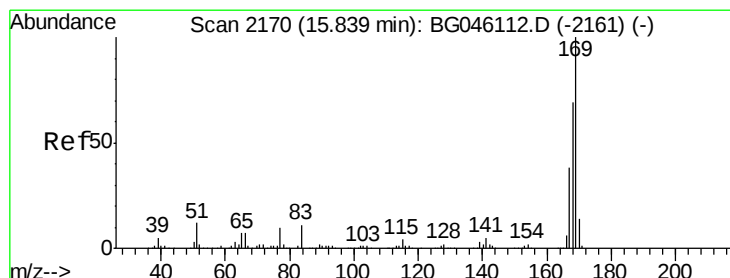
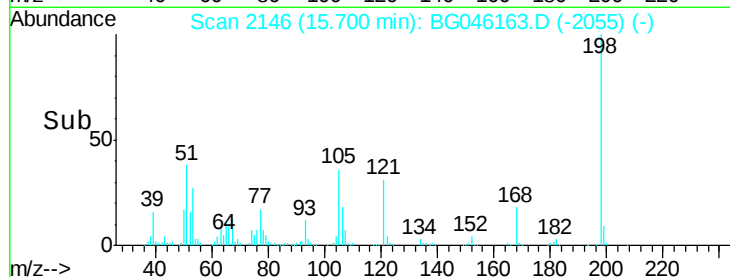
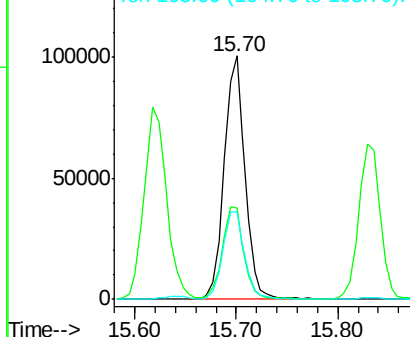
Tgt Ion:	198	Resp:	143096
Ion Ratio	Lower	Upper	
198	100		
51	37.5	20.1	60.1
105	36.2	19.2	59.2

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.012 ng

RT: 15.84 min Scan# 2169

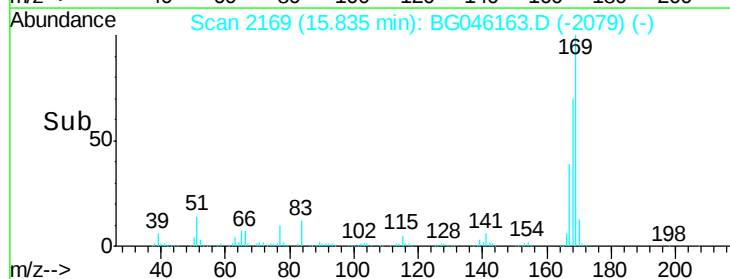
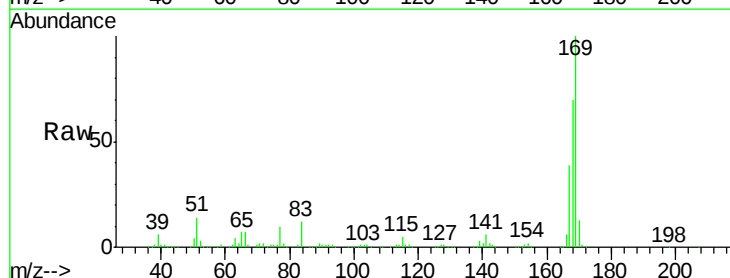
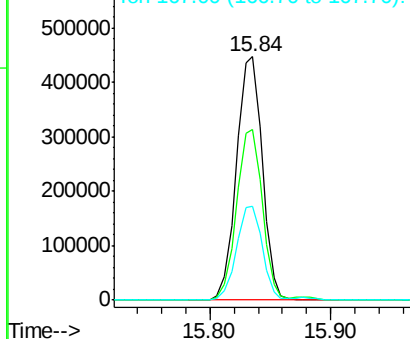
Delta R.T. -0.00 min

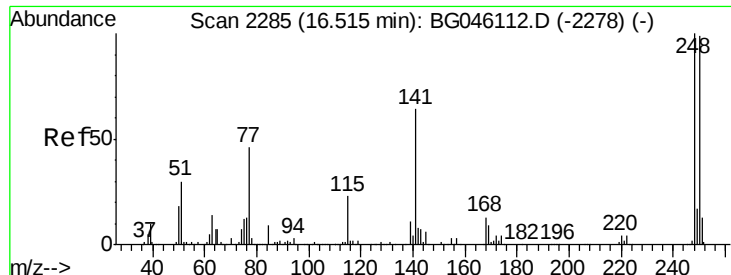
Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion:	169	Resp:	668678
Ion Ratio	Lower	Upper	
169	100		
168	70.1	55.1	82.7
167	38.8	30.5	45.7

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





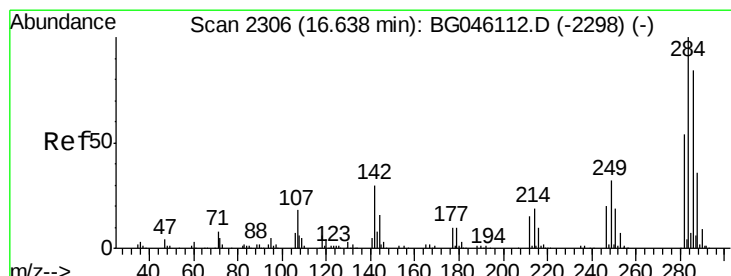
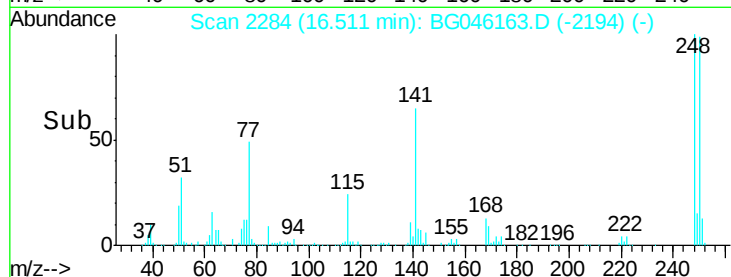
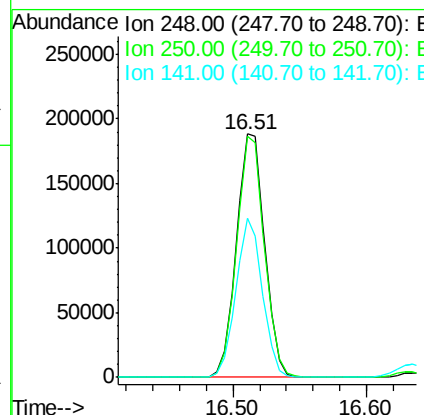
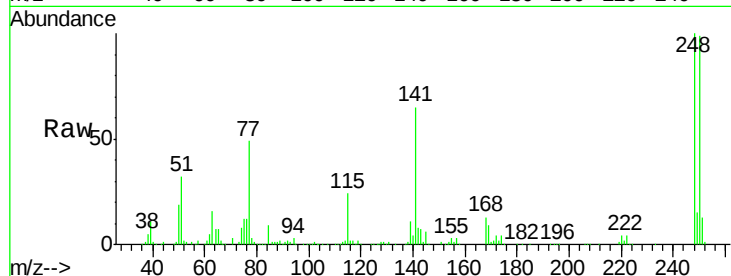
#67
 4-Bromophenyl-phenylether
 Concen: 39.511 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	276398		
250	98.9	79.4	119.0	
141	65.4	50.9	76.3	

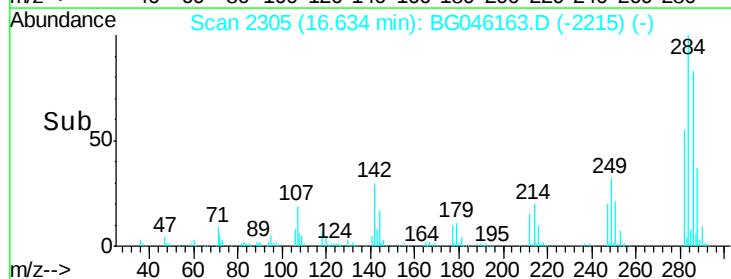
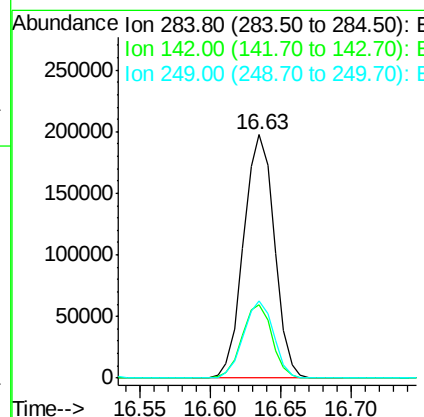
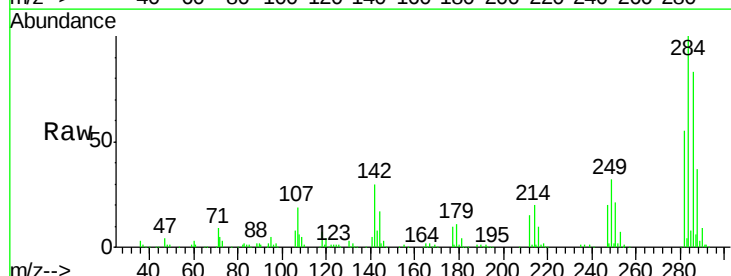
Manual Integrations
 APPROVED

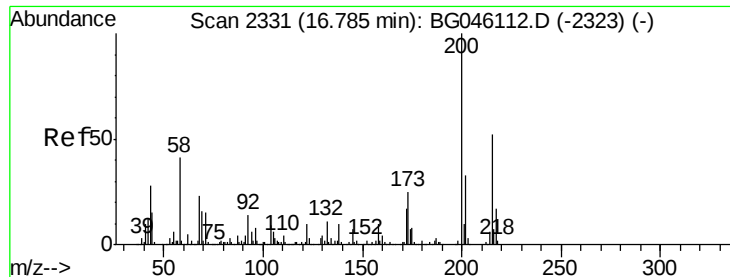
mohammad
 8/5/2020 10:29:09 AM



#68
 Hexachlorobenzene
 Concen: 38.457 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	301662		
142	30.1	23.6	35.4	
249	31.6	25.3	37.9	





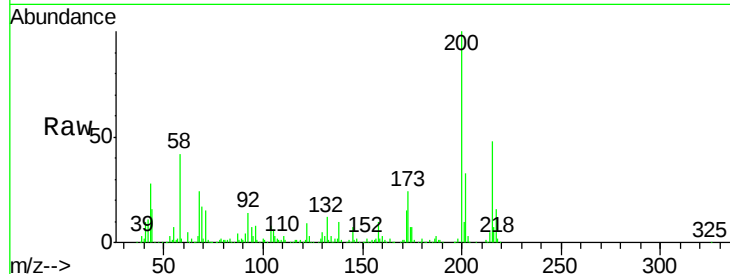
#69
Atrazine
Concen: 36.723 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

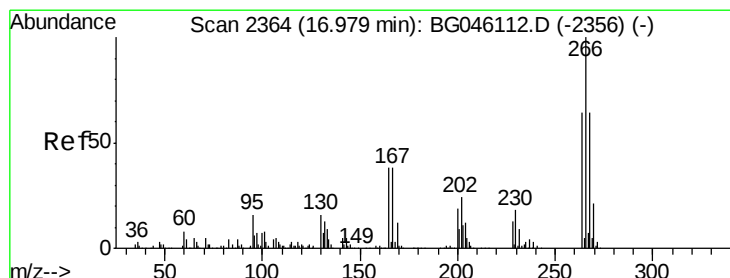
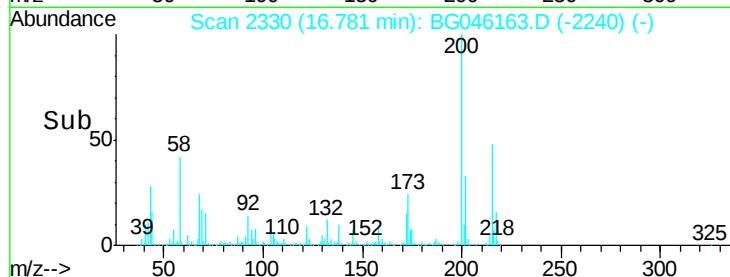
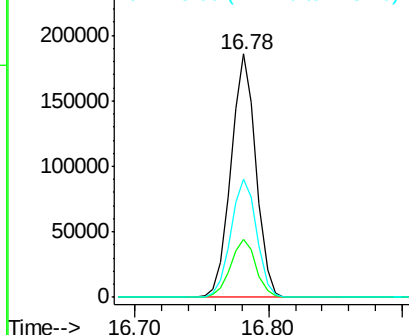
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.8	5.3	45.3
215	48.3	31.5	71.5

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM

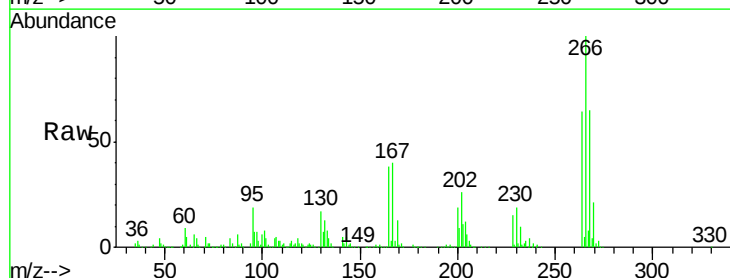


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

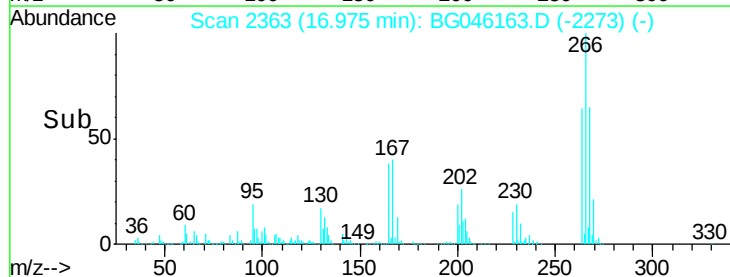
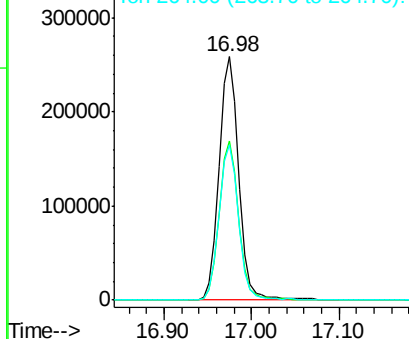


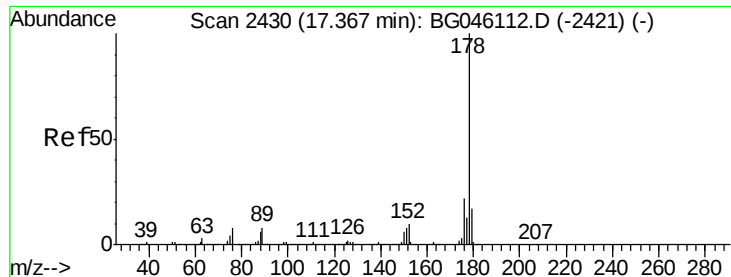
#70
Pentachlorophenol
Concen: 79.431 ng
RT: 16.98 min Scan# 2363
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.2	51.2	76.8
264	63.7	51.1	76.7



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: 38.443 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

PB130683BS

Tgt Ion:178 Resp: 1192418

Ion Ratio Lower Upper

178 100

176 21.5 17.3 25.9

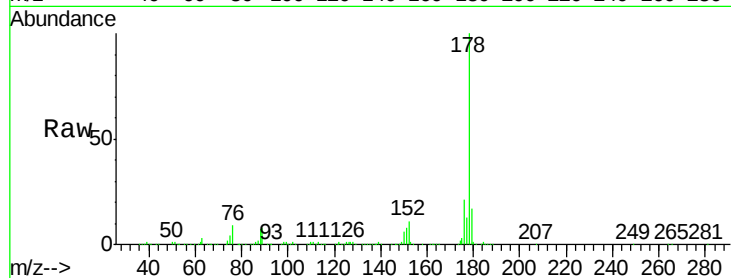
179 17.3 13.8 20.6

Manual Integrations

APPROVED

mohammad

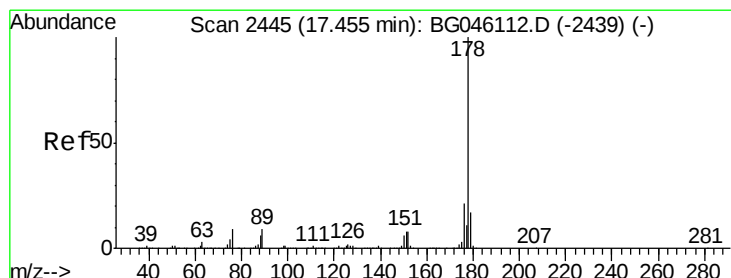
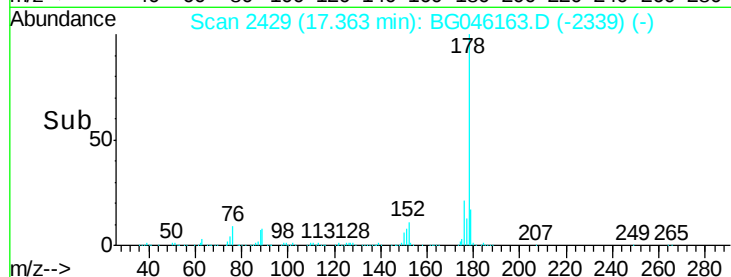
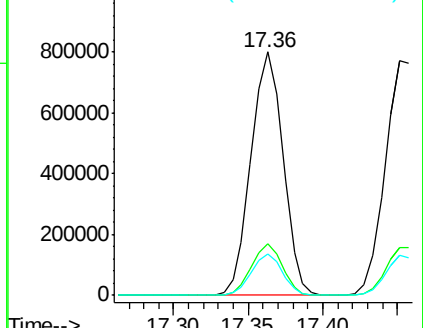
8/5/2020 10:29:09 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.044 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion:178 Resp: 1235473

Ion Ratio Lower Upper

178 100

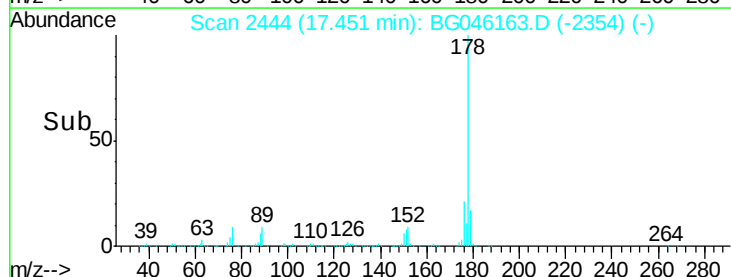
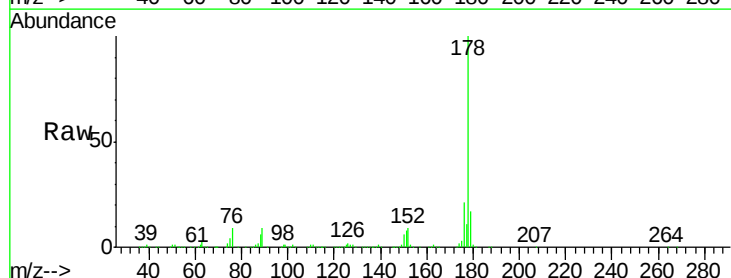
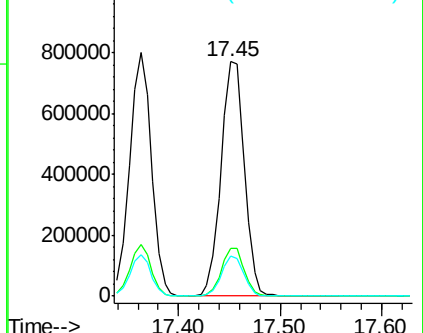
176 20.6 16.6 24.8

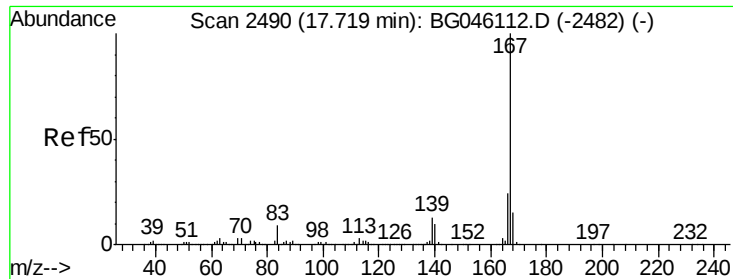
179 17.3 13.4 20.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





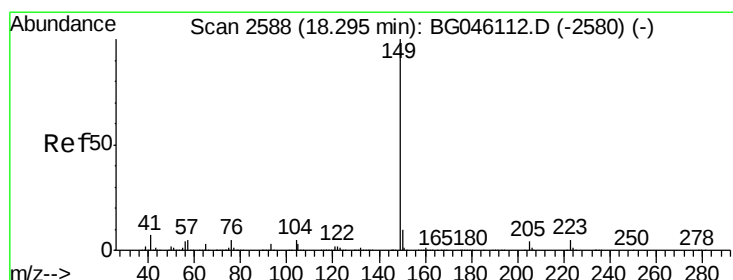
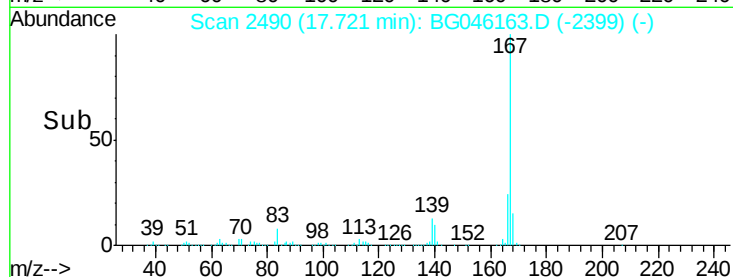
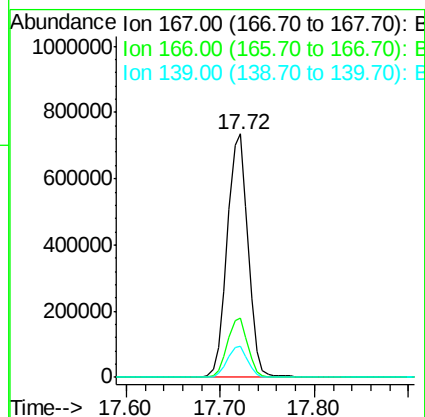
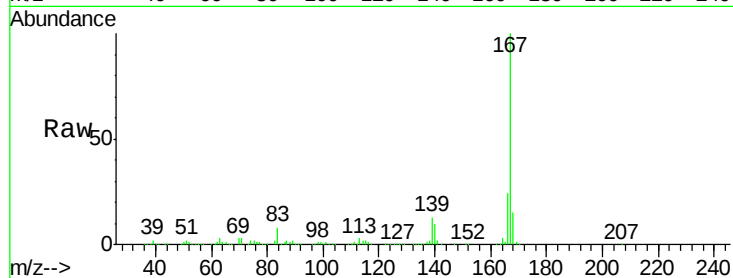
#73
 Carbazole
 Concen: 38.171 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.4	29.0
139	12.9	10.1	15.1

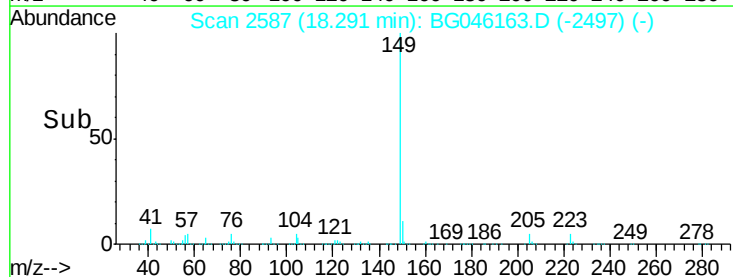
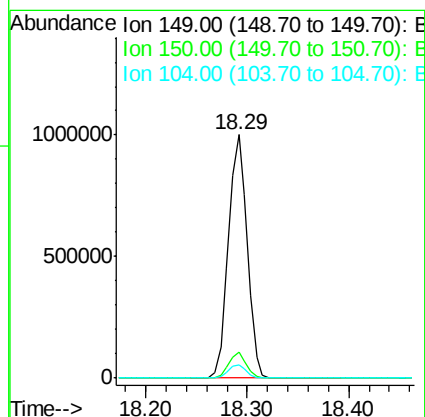
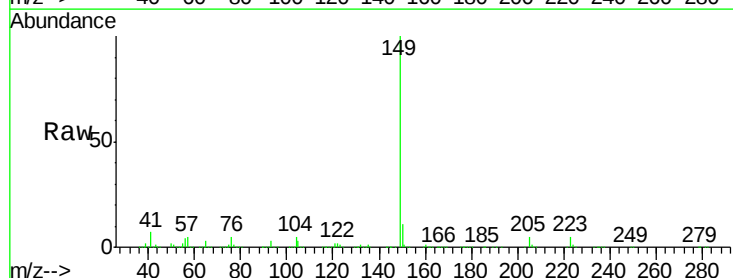
Manual Integrations
 APPROVED

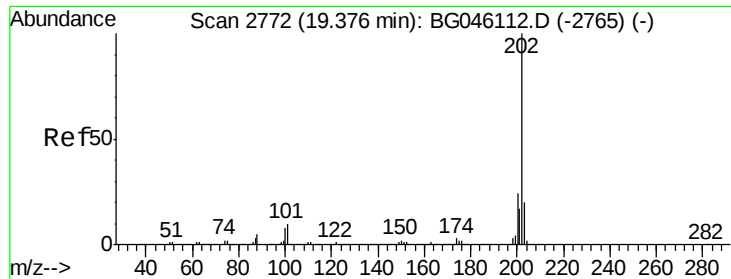
mohammad
 8/5/2020 10:29:09 AM



#74
 Di-n-butylphthalate
 Concen: 41.346 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.4	12.6
104	5.5	4.2	6.2





#75

Fluoranthene

Concen: 38.807 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

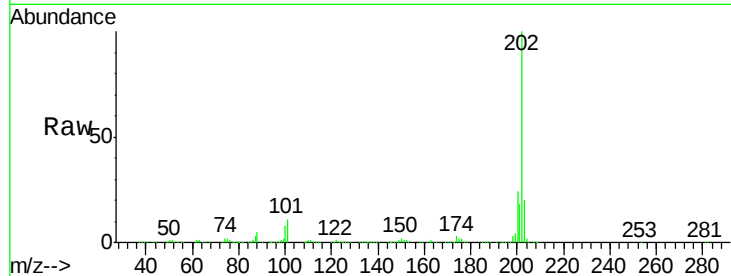
ClientSampleId :

PB130683BS

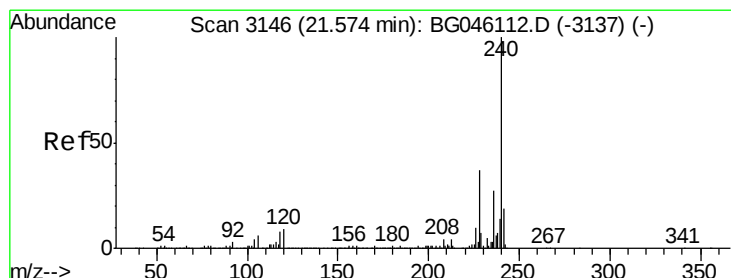
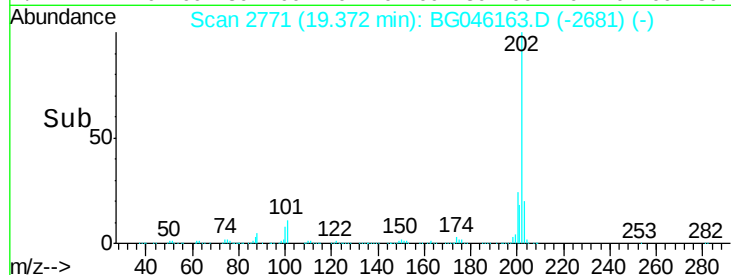
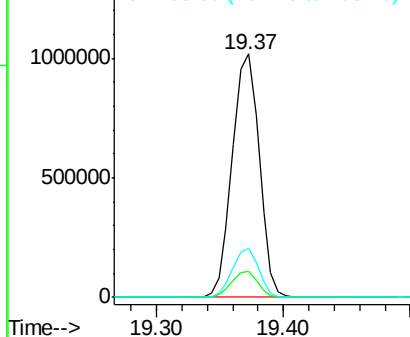
Tgt	Ion	202	Resp	1502806
Ion	Ratio	Lower	Upper	
202	100			
101	10.9	0.0	30.0	
203	20.0	0.2	40.2	

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

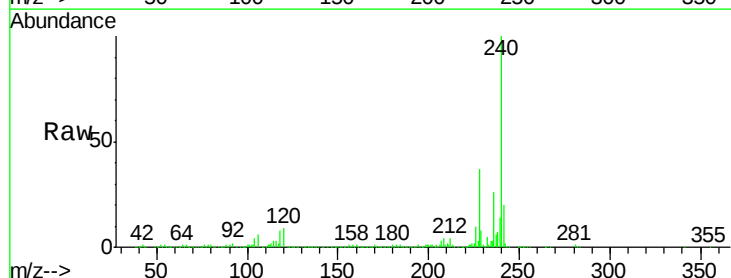
RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

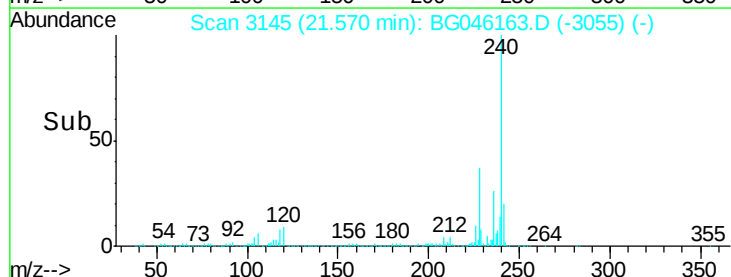
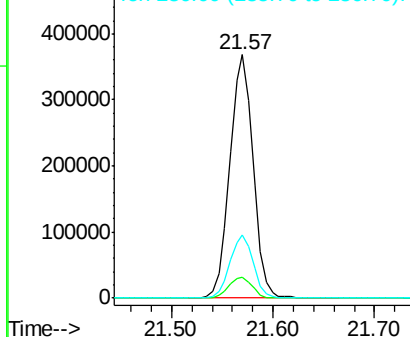
Lab File: BG046163.D

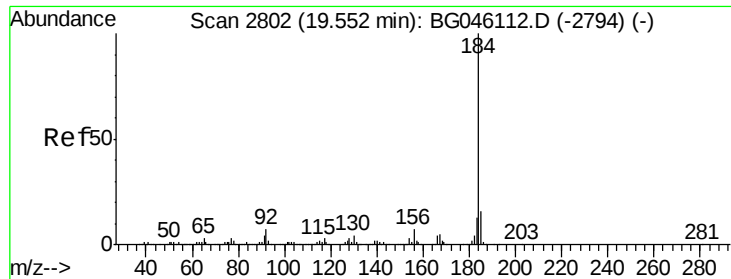
Acq: 4 Aug 2020 9:20

Tgt	Ion	240	Resp	585409
Ion	Ratio	Lower	Upper	
240	100			
120	8.6	7.1	10.7	
236	25.8	21.7	32.5	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.383 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

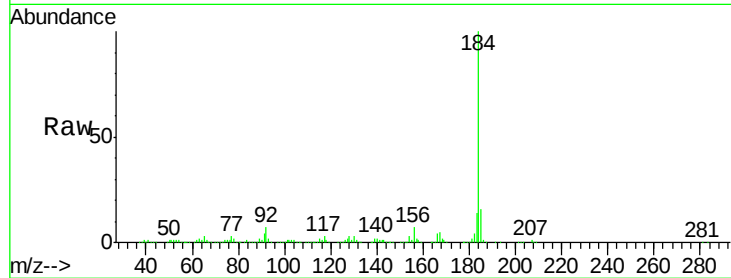
ClientSampleId :

PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	702804		
185	15.9	13.0	19.4	
183	13.5	10.5	15.7	

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM

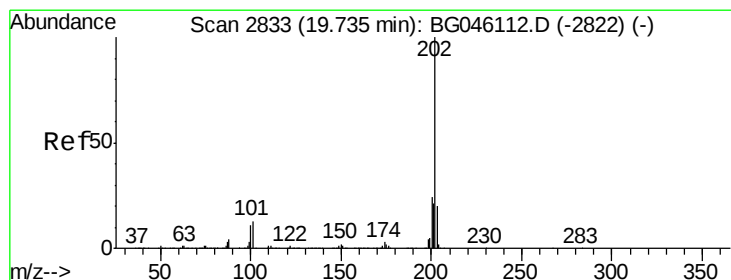
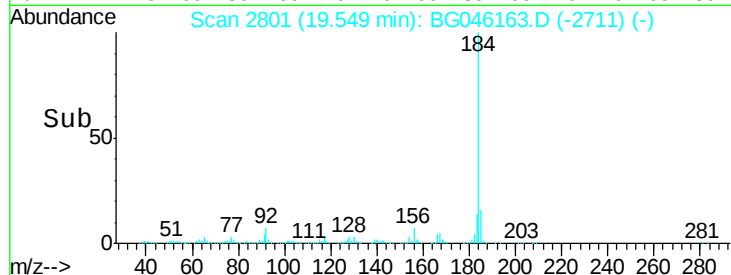
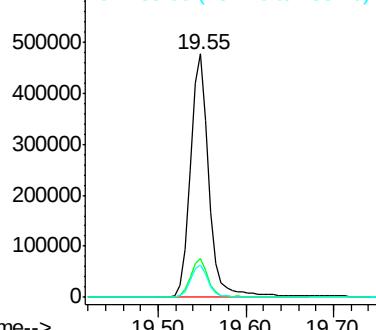


Abundance

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: 38.465 ng

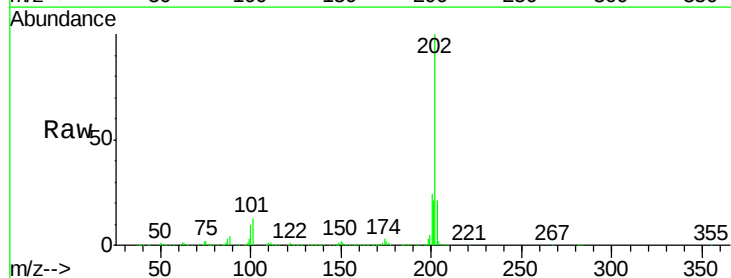
RT: 19.73 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1512974		
200	23.9	19.5	29.3	
203	20.5	16.2	24.2	

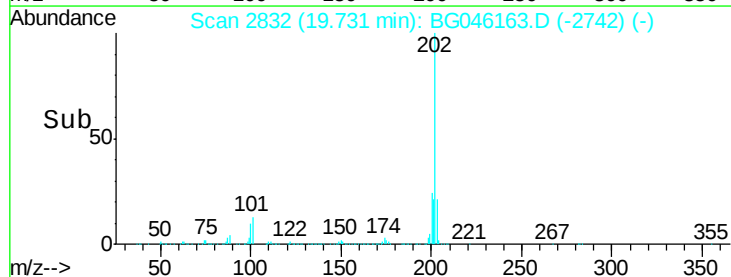
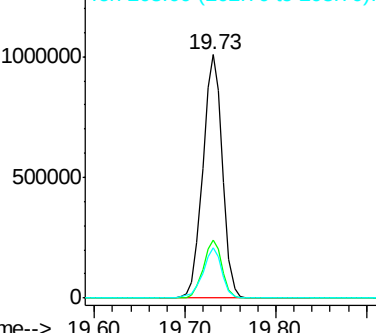


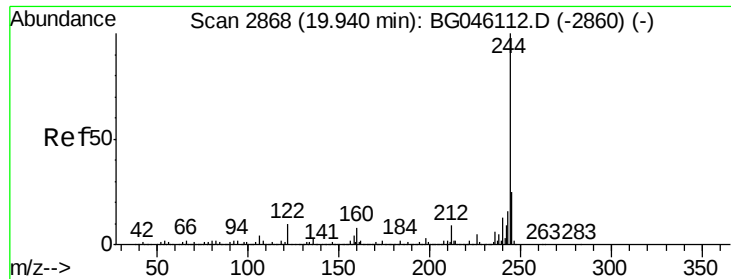
Abundance

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: 64.730 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

PB130683BS

Tgt Ion:244 Resp: 1860610

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

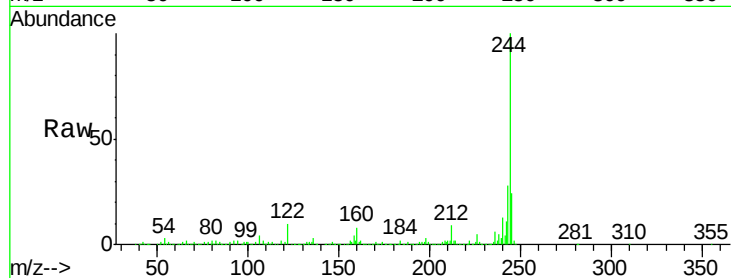
122 10.4 8.3 12.5

Manual Integrations

APPROVED

mohammad

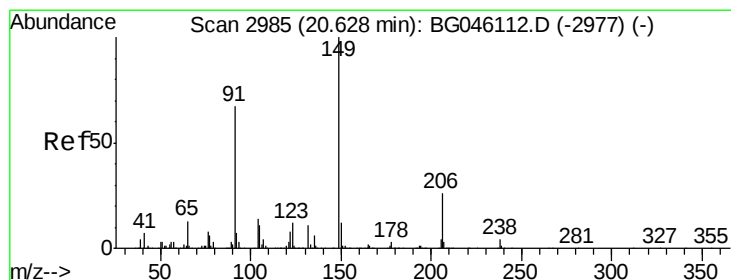
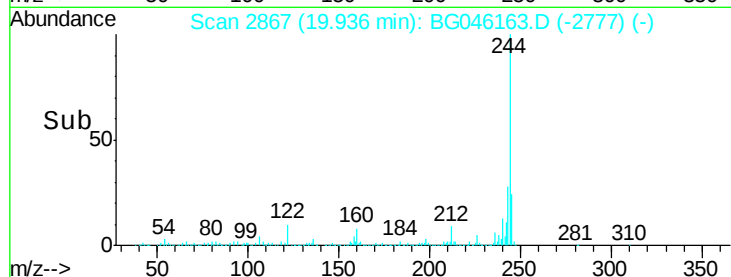
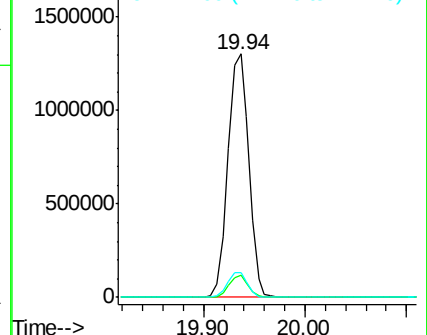
8/5/2020 10:29:09 AM



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: 41.434 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

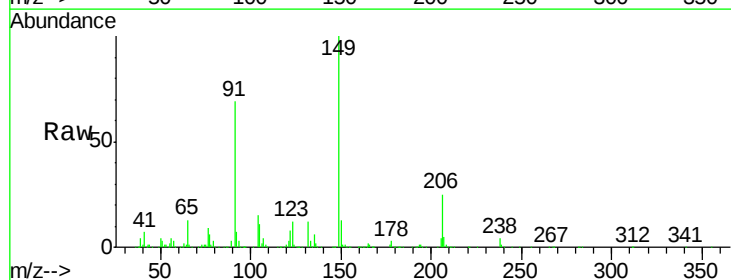
Tgt Ion:149 Resp: 590370

Ion Ratio Lower Upper

149 100

91 69.3 53.8 80.8

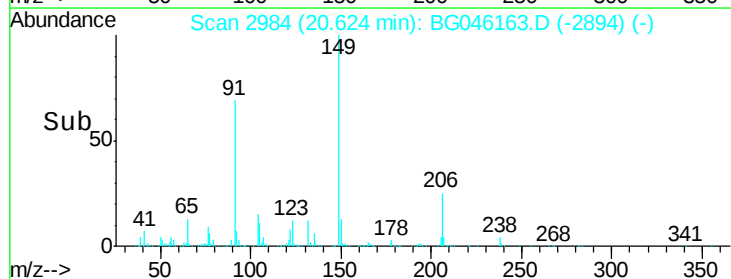
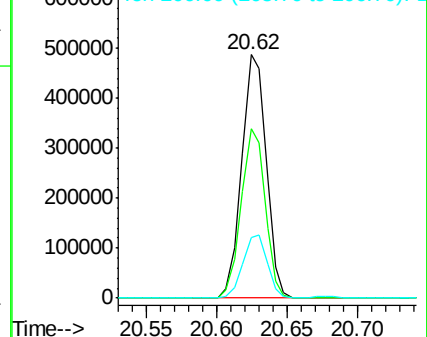
206 24.9 20.4 30.6

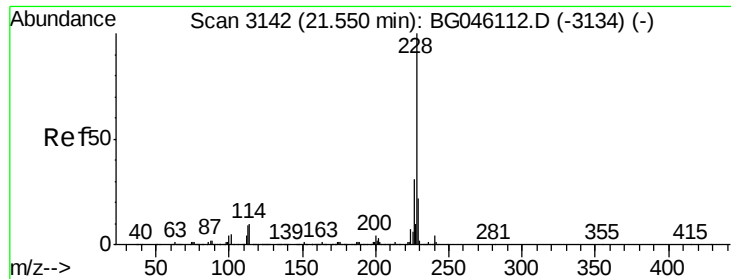


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.125 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

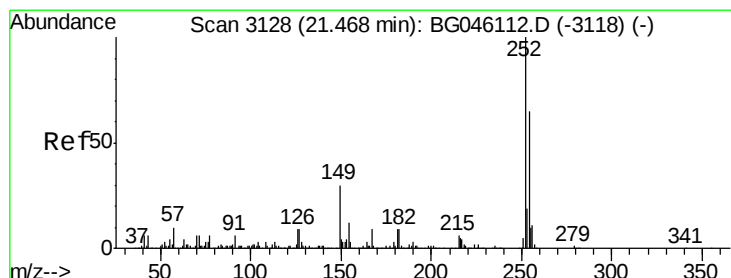
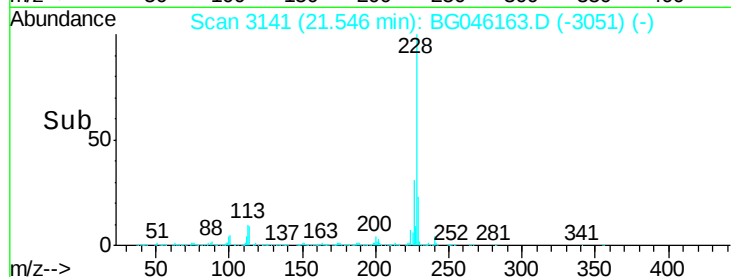
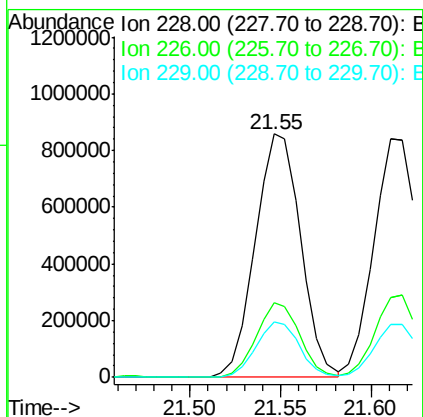
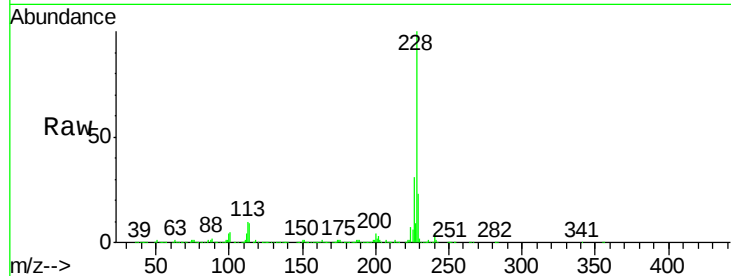
ClientSampleId :

PB130683BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	22.5	17.8	26.8

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



#82

3,3'-Dichlorobenzidine

Concen: 25.135 ng

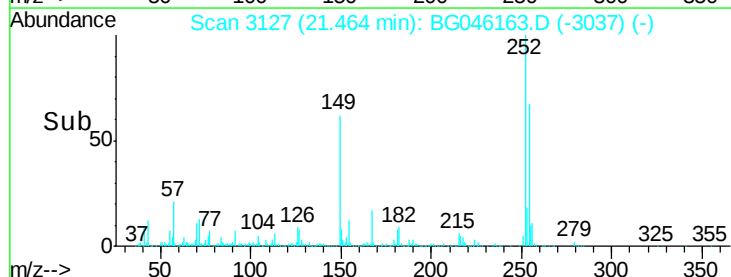
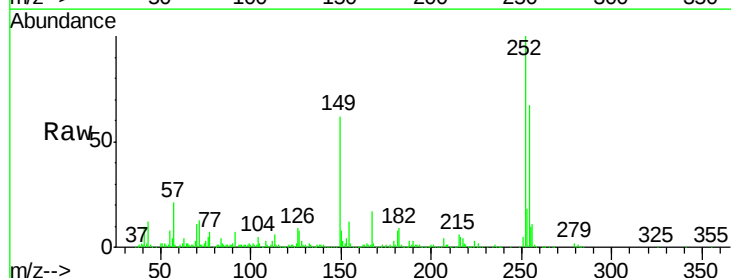
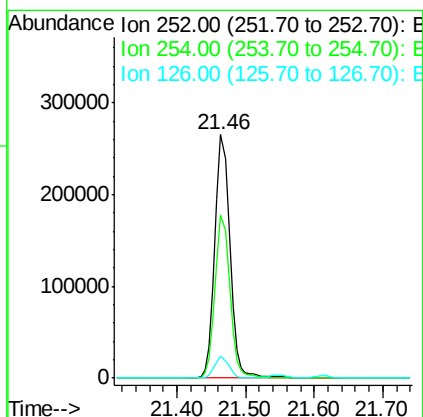
RT: 21.46 min Scan# 3127

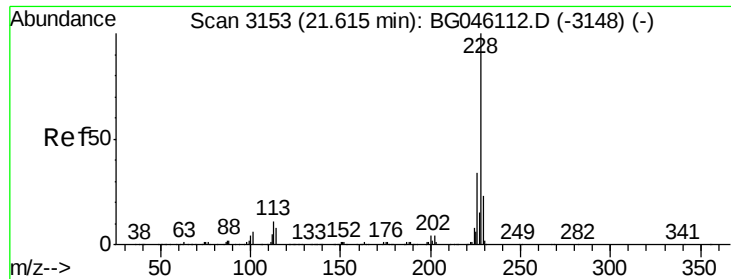
Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.8	77.8
126	9.0	7.1	10.7





#83

Chrysene

Concen: 37.187 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

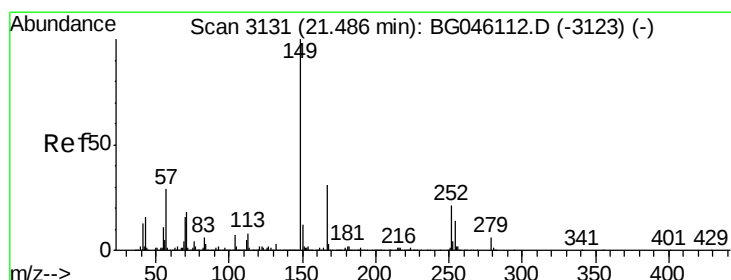
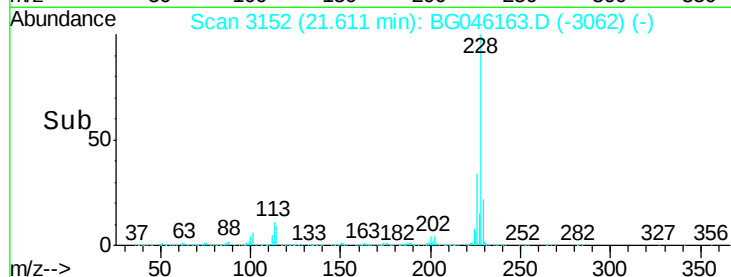
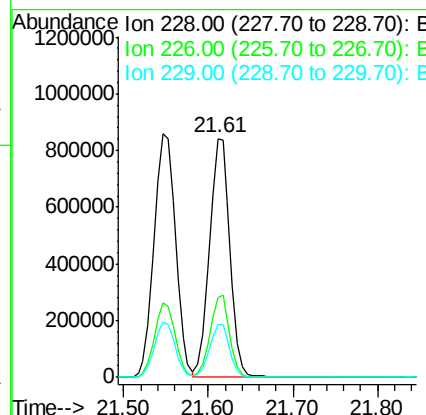
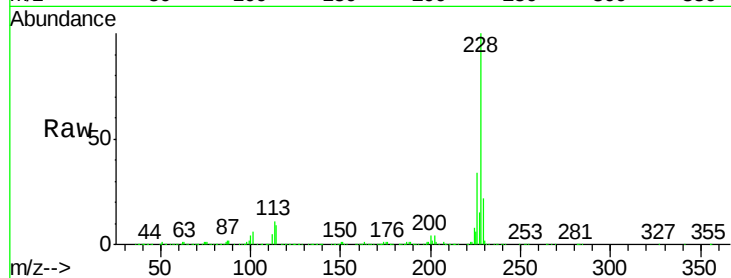
PB130683BS

Tgt Ion: 228 Resp: 1427111

Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.9	40.3
229	22.4	18.2	27.4

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.420 ng

RT: 21.48 min Scan# 3130

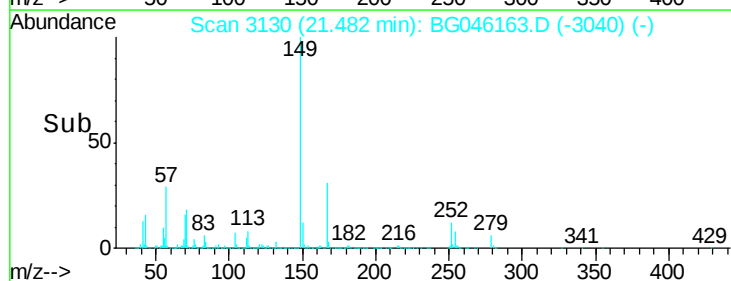
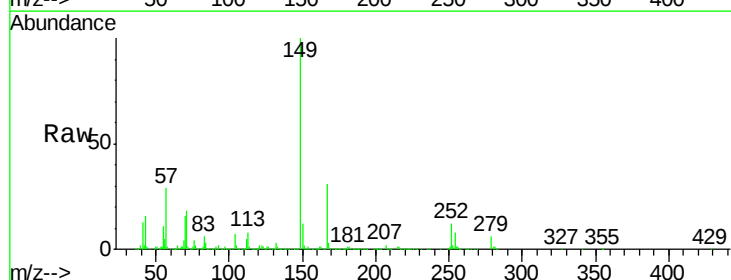
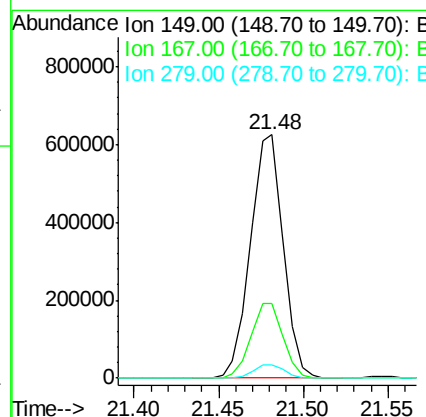
Delta R.T. -0.00 min

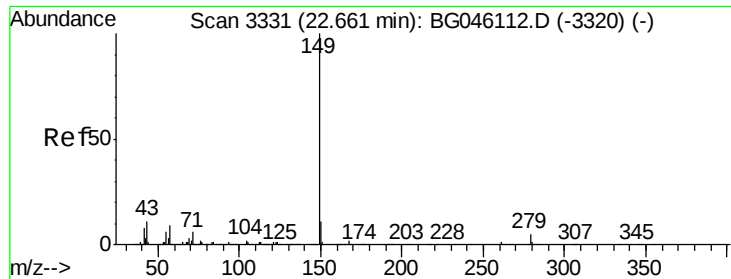
Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion: 149 Resp: 843752

Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.8	37.2
279	5.7	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 42.414 ng

RT: 22.66 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

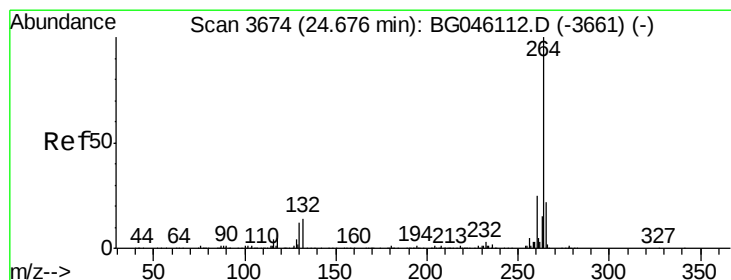
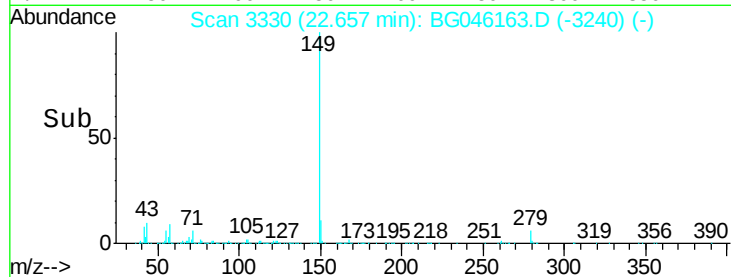
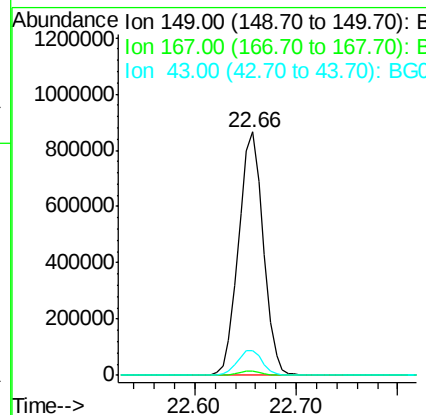
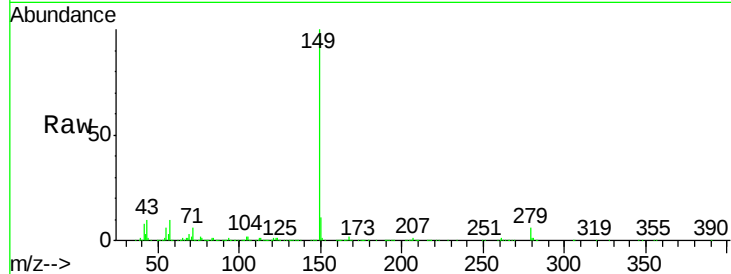
ClientSampleId :

PB130683BS

Tgt Ion:	149	Resp:	1462910
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	10.4	7.8	11.8

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



#86

Perylene-d12

Concen: 20.000 ng

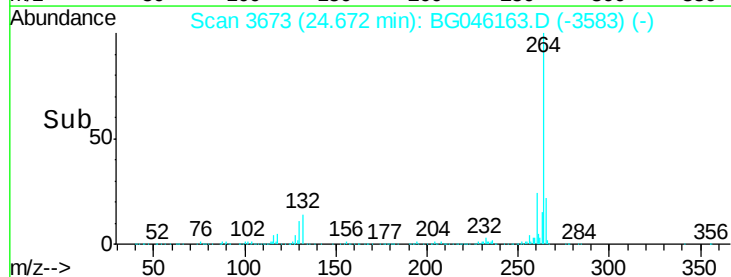
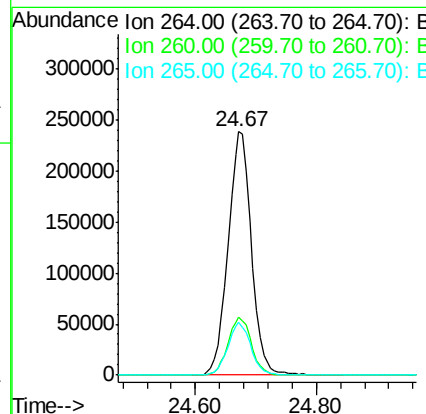
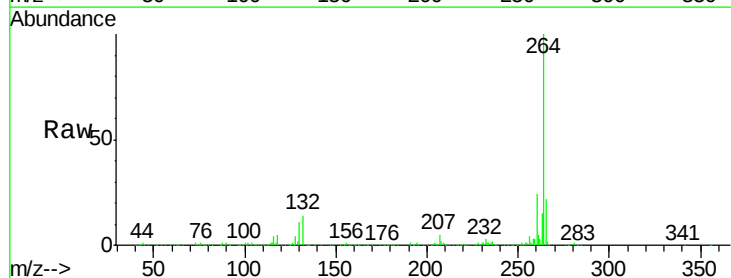
RT: 24.67 min Scan# 3673

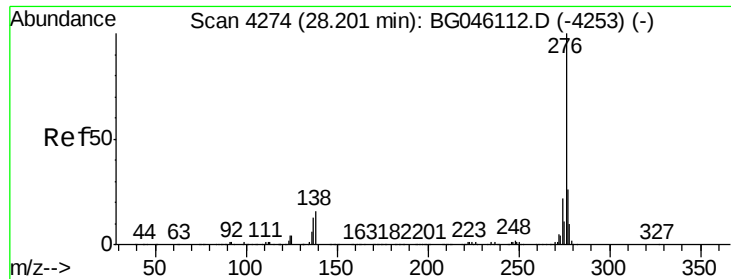
Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion:	264	Resp:	638743
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.0	17.6	26.4





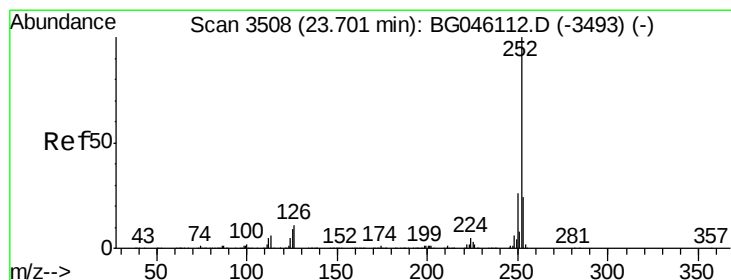
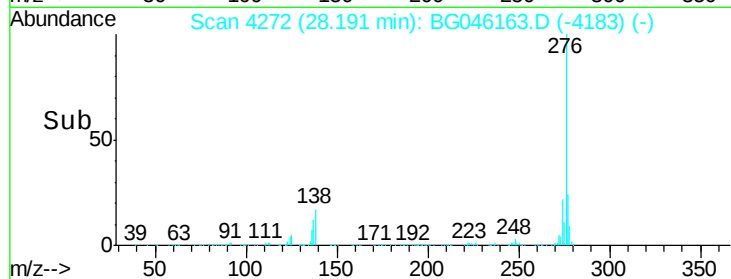
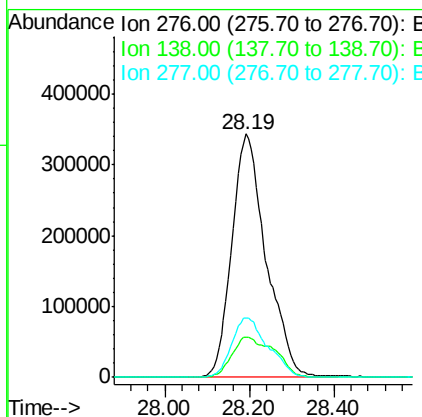
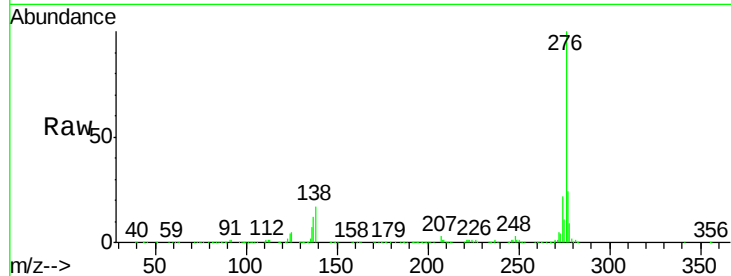
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.538 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion: 276 Resp: 1926080
 Ion Ratio Lower Upper
 276 100
 138 20.4 11.6 17.4#
 277 26.0 20.8 31.2

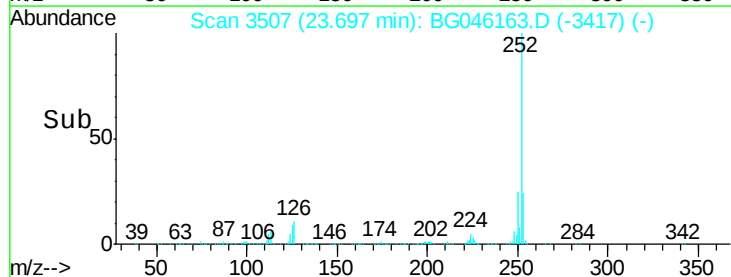
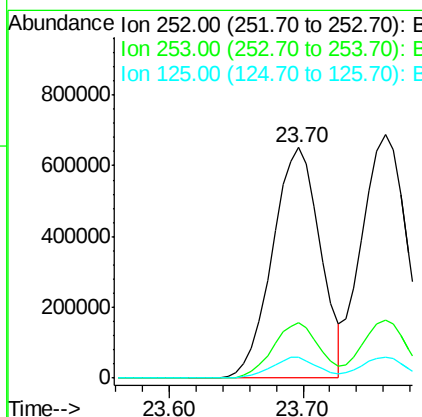
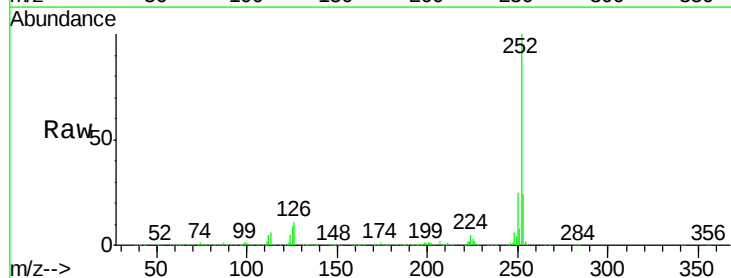
Manual Integrations
 APPROVED

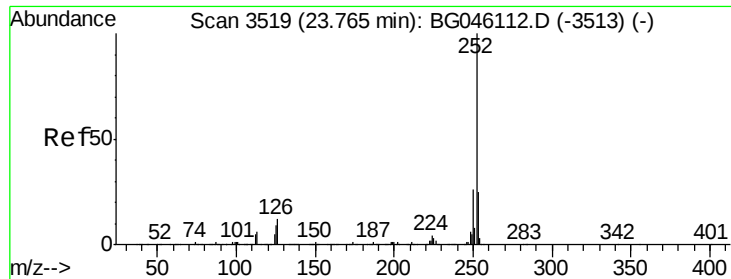
mohammad
 8/5/2020 10:29:09 AM



#88
 Benzo(b)fluoranthene
 Concen: 37.847 ng
 RT: 23.70 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion: 252 Resp: 1619973
 Ion Ratio Lower Upper
 252 100
 253 24.0 19.2 28.8
 125 9.0 7.2 10.8





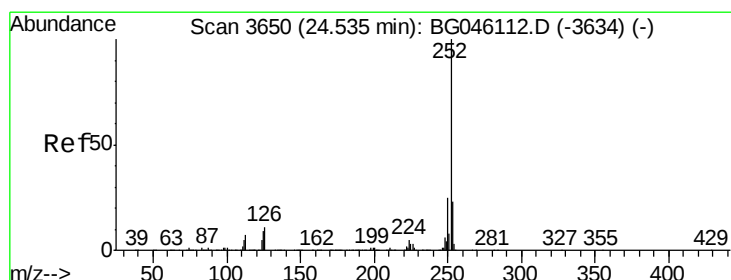
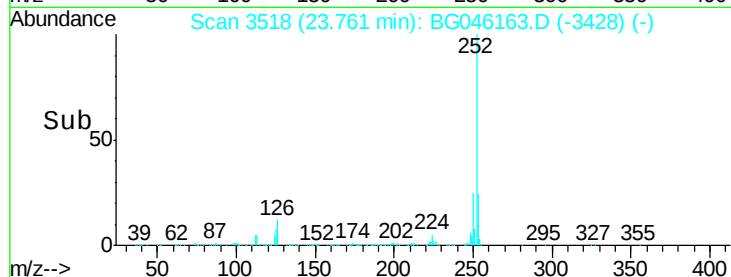
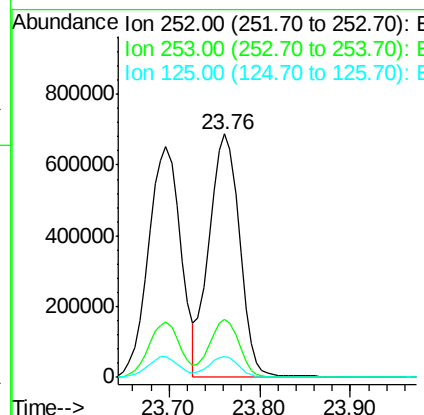
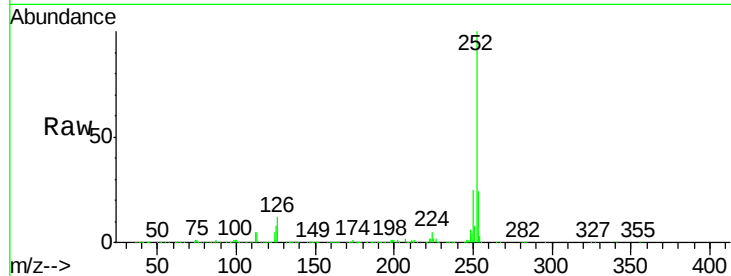
#89
Benzo(k)fluoranthene
Concen: 38.338 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion: 252 Resp: 1609572
Ion Ratio Lower Upper
252 100
253 23.9 19.5 29.3
125 8.4 7.3 10.9

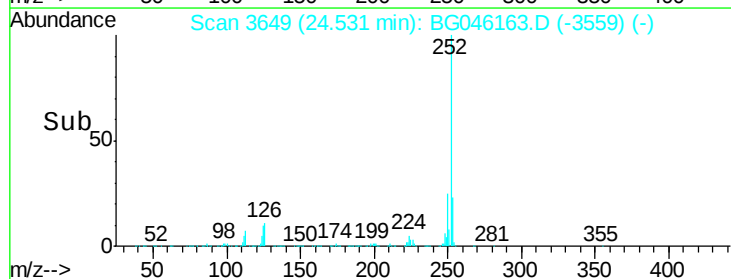
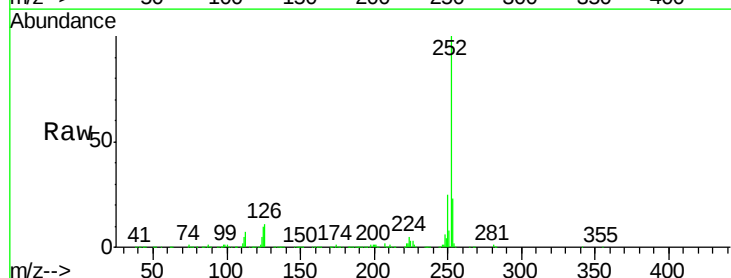
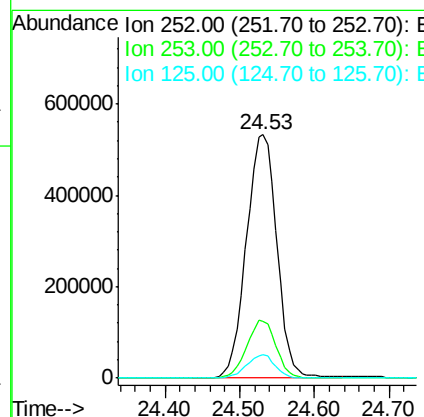
Manual Integrations
APPROVED

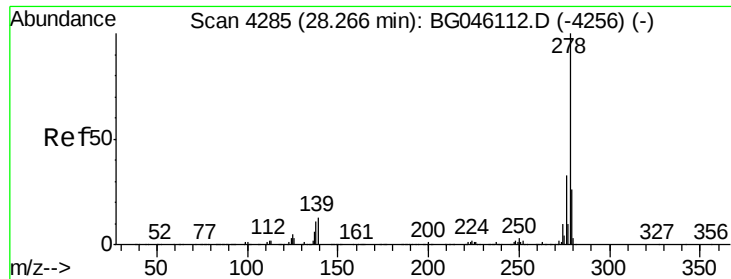
mohammad
8/5/2020 10:29:09 AM



#90
Benzo(a)pyrene
Concen: 37.962 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion: 252 Resp: 1512002
Ion Ratio Lower Upper
252 100
253 23.1 18.6 27.8
125 9.7 7.1 10.7





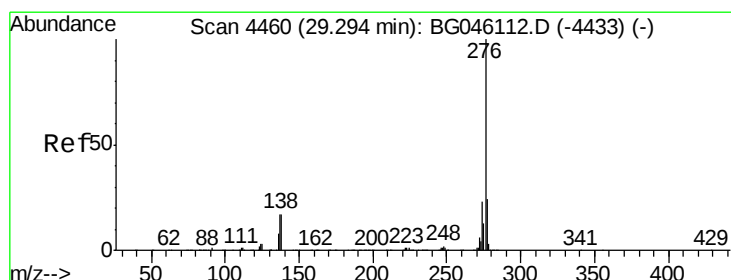
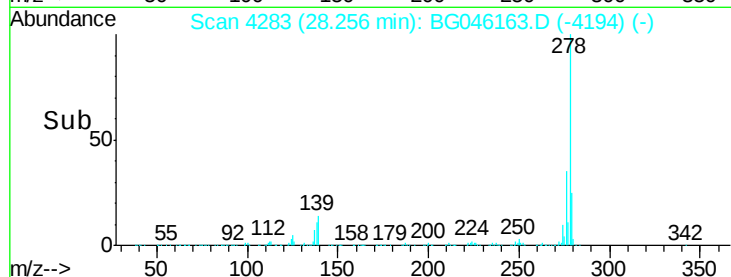
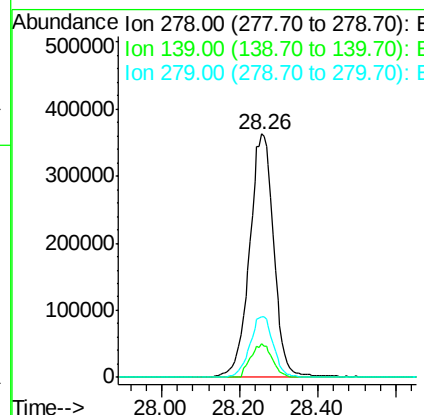
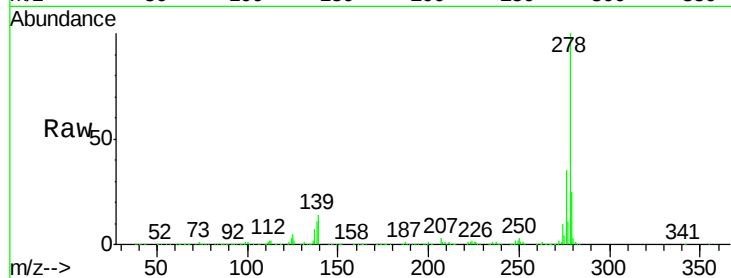
#91
Dibenzo(a,h)anthracene
Concen: 38.558 ng
RT: 28.26 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	10.8	16.2
279	24.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/5/2020 10:29:09 AM



#92
Benzo(g,h,i)perylene
Concen: 39.037 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	17.8	13.8	20.6

