

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046125.D
 Acq On : 31 Jul 2020 14:41
 Operator : CG/JU
 Sample : PB130619BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

Manual Integrations
 APPROVED

mohammad
 8/3/2020 12:22:17 PM

Quant Time: Jul 31 15:33:29 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	81843	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	338700	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	228879	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	555857	20.00	ng	0.00
76) Chrysene-d12	21.57	240	615531	20.00	ng	0.00
86) Perylene-d12	24.68	264	654852	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	534086	113.44	ng	0.00
7) Phenol-d6	7.12	99	690258	107.58	ng	0.00
23) Nitrobenzene-d5	9.10	82	446184	71.32	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	355934	101.25	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1078640	68.46	ng	0.00
79) Terphenyl-d14	19.94	244	1896047	62.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	65367	30.504	ng	93
3) Pyridine	3.83	79	155131	26.297	ng	99
4) n-Nitrosodimethylamine	3.75	42	102767	40.932	ng	92
6) Aniline	7.28	93	245992	32.207	ng	97
8) 2-Chlorophenol	7.52	128	224102	43.066	ng	98
9) Benzaldehyde	7.09	77	154725	40.637	ng	94
10) Phenol	7.15	94	278789	43.244	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	207061	40.379	ng	99
12) 1,3-Dichlorobenzene	7.85	146	236412	37.482	ng	97
13) 1,4-Dichlorobenzene	7.99	146	239156	37.760	ng	99
14) 1,2-Dichlorobenzene	8.31	146	232678	38.953	ng	98
15) Benzyl Alcohol	8.19	79	193395	43.629	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	354222	42.134	ng	100
17) 2-Methylphenol	8.40	107	192542	44.239	ng	99
18) Hexachloroethane	9.04	117	81996	38.710	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	168235	40.287	ng	95
20) 3+4-Methylphenols	8.72	107	263347	44.207	ng	99
22) Acetophenone	8.77	105	320656	36.890	ng	# 99
24) Nitrobenzene	9.15	77	244043	36.590	ng	99
25) Isophorone	9.67	82	455471	36.591	ng	100
26) 2-Nitrophenol	9.86	139	120026	39.707	ng	95
27) 2,4-Dimethylphenol	9.93	122	207983	42.291	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	277717	41.031	ng	97
29) 2,4-Dichlorophenol	10.40	162	229957	39.750	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	238914	35.253	ng	99
31) Naphthalene	10.80	128	656376	36.626	ng	99
32) Benzoic acid	10.06	122	126161	37.463	ng	97
33) 4-Chloroaniline	10.90	127	135350	18.482	ng	99
34) Hexachlorobutadiene	11.10	225	152035	33.700	ng	98
35) Caprolactam	11.67	113	80600m	42.567	ng	
36) 4-Chloro-3-methylphenol	12.03	107	237698	41.869	ng	98
37) 2-Methylnaphthalene	12.41	142	512768	37.185	ng	98
38) 1-Methylnaphthalene	12.62	142	489197	37.489	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	281998	34.196	ng	# 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046125.D
 Acq On : 31 Jul 2020 14:41
 Operator : CG/JU
 Sample : PB130619BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

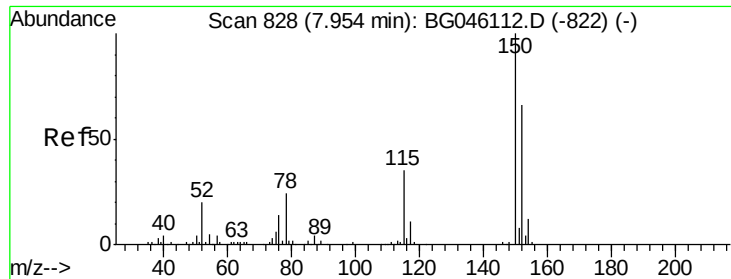
Manual Integrations
 APPROVED

mohammad
 8/3/2020 12:22:17 PM

Quant Time: Jul 31 15:33:29 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	394133	83.323	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	202528	38.494	nq	97
44) 2,4,5-Trichlorophenol	13.09	196	222201	38.707	nq	97
46) 1,1'-Biphenyl	13.42	154	667992	37.204	nq	99
47) 2-Chloronaphthalene	13.46	162	518472	36.201	nq	99
48) 2-Nitroaniline	13.65	65	159684	42.536	nq	97
49) Acenaphthylene	14.30	152	842275	37.873	nq	99
50) Dimethylphthalate	14.04	163	686696	39.090	nq	99
51) 2,6-Dinitrotoluene	14.15	165	155968	38.149	nq	97
52) Acenaphthene	14.65	154	600601	40.920	nq	98
53) 3-Nitroaniline	14.47	138	100171	24.714	nq	98
54) 2,4-Dinitrophenol	14.68	184	178863	70.020	nq	# 89
55) Dibenzofuran	14.98	168	803526	36.281	nq	99
56) 4-Nitrophenol	14.79	139	291321	82.786	nq	96
57) 2,4-Dinitrotoluene	14.93	165	225479	40.113	nq	99
58) Fluorene	15.63	166	668857	37.292	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	215244	39.807	nq	98
60) Diethylphthalate	15.40	149	690290	39.945	nq	99
61) 4-Chlorophenyl-phenylether	15.62	204	352913	37.673	nq	100
62) 4-Nitroaniline	15.64	138	167116	40.996	nq	96
63) Azobenzene	15.91	77	629881	38.892	nq	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	138627	37.710	nq	95
66) n-Nitrosodiphenylamine	15.83	169	613532	36.464	nq	100
67) 4-Bromophenyl-phenylether	16.51	248	249887	36.389	nq	99
68) Hexachlorobenzene	16.64	284	279560	36.305	nq	99
69) Atrazine	16.78	200	228044	35.197	nq	98
70) Pentachlorophenol	16.98	266	389916	78.042	nq	98
71) Phenanthrene	17.37	178	1140272	37.449	nq	99
72) Anthracene	17.45	178	1163536	38.417	nq	99
73) Carbazole	17.72	167	1108348	37.951	nq	99
74) Di-n-butylphthalate	18.29	149	1273850	41.729	nq	100
75) Fluoranthene	19.37	202	1511907	39.772	nq	99
77) Benzidine	19.55	184	671871	38.535	nq	99
78) Pyrene	19.73	202	1521784	36.796	nq	100
80) Butylbenzylphthalate	20.63	149	622348	41.541	nq	100
81) Benzo(a)anthracene	21.55	228	1526854	37.067	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	357424	20.895	nq	99
83) Chrysene	21.62	228	1479347	36.662	nq	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	866939	40.475	nq	100
85) Di-n-octyl phthalate	22.66	149	1477484	40.741	nq	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	1918142	38.407	nq	99
88) Benzo(b)fluoranthene	23.70	252	1652510	37.657	nq	100
89) Benzo(k)fluoranthene	23.77	252	1608264	37.365	nq	100
90) Benzo(a)pyrene	24.54	252	1534958	37.590	nq	99
91) Dibenzo(a,h)anthracene	28.26	278	1582453	37.903	nq	99
92) Benzo(g,h,i)perylene	29.30	276	1618682	38.389	nq	99

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



#1

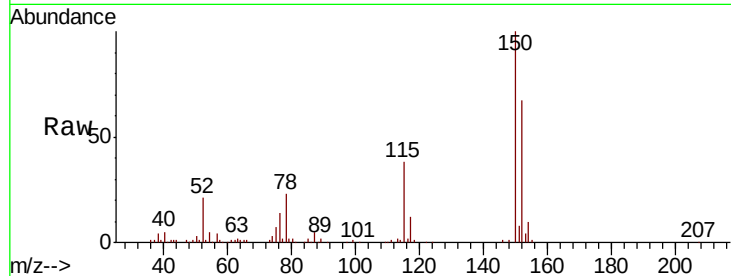
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	122.1	183.1
115	55.8	43.2	64.8

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM

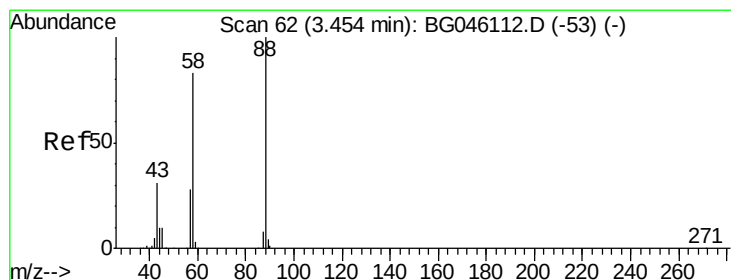
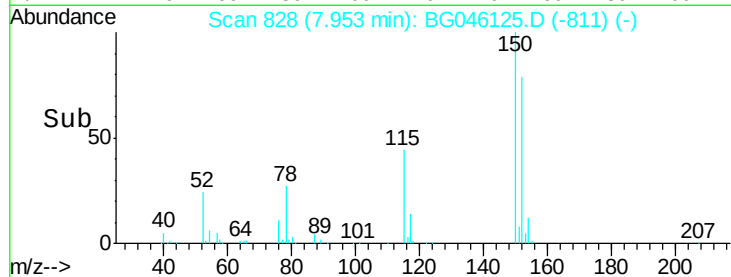
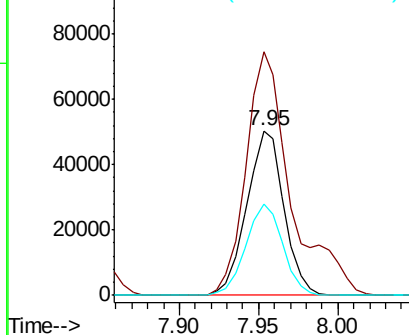


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

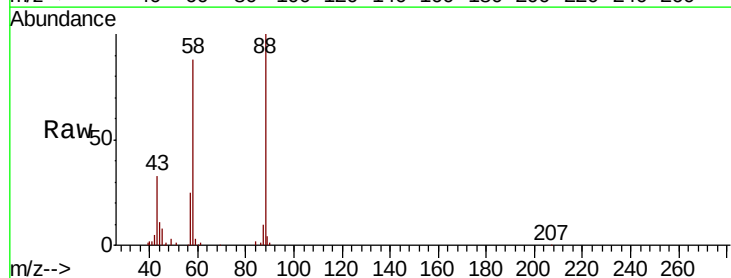
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.504 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.6	66.5	99.7
43	33.5	23.8	35.8

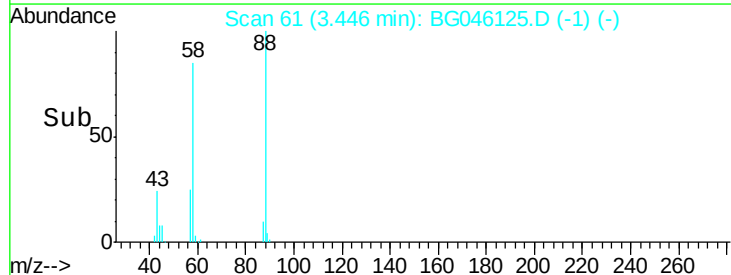
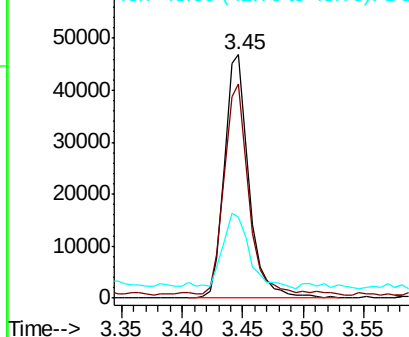


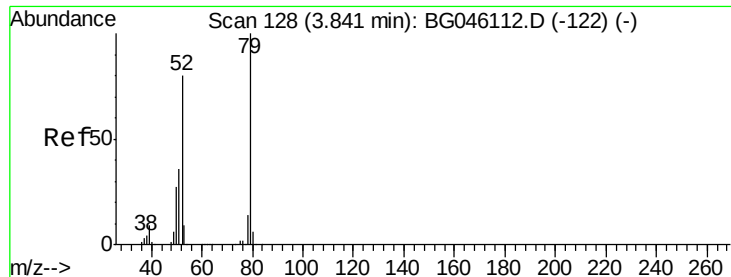
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.297 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

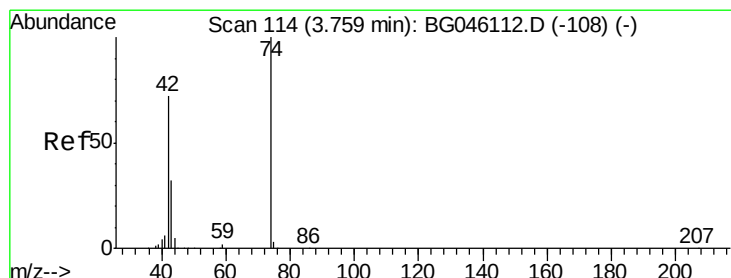
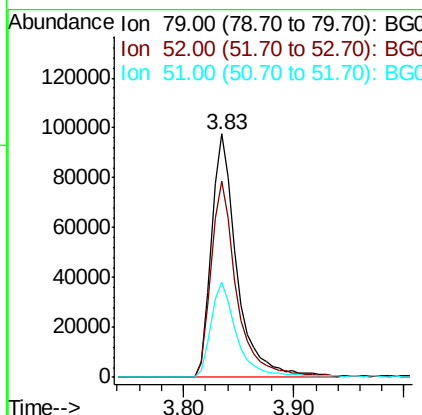
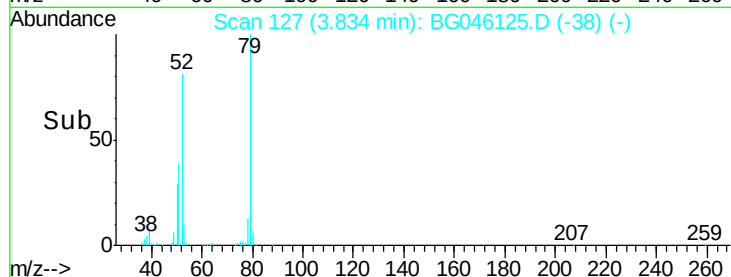
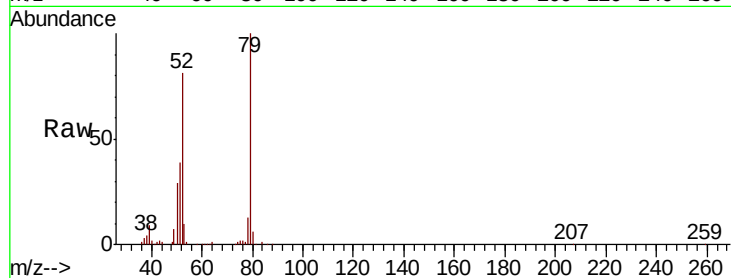
ClientSampleId :

PB130619BS

Tot Ion:	79	Resp:	155131
Ion	Ratio	Lower	Upper
79	100		
52	80.8	64.3	96.5
51	39.1	29.8	44.6

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



#4

n-Nitrosodimethylamine

Concen: 40.932 ng

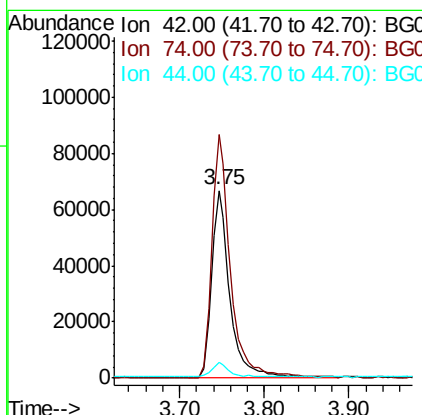
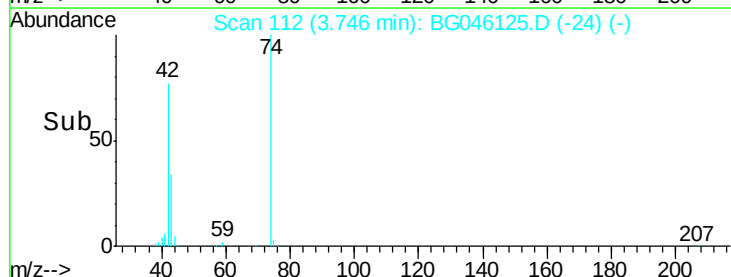
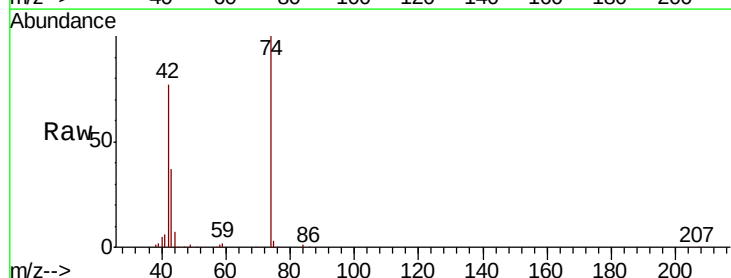
RT: 3.75 min Scan# 112

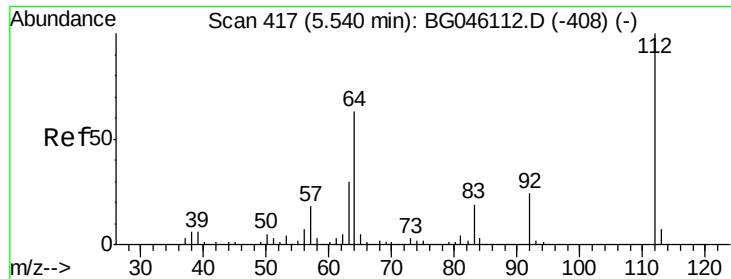
Delta R.T. -0.01 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tgt Ion:	42	Resp:	102767
Ion	Ratio	Lower	Upper
42	100		
74	129.9	111.6	167.4
44	8.5	5.7	8.5





#5

2-Fluorophenol

Concen: 113.441 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

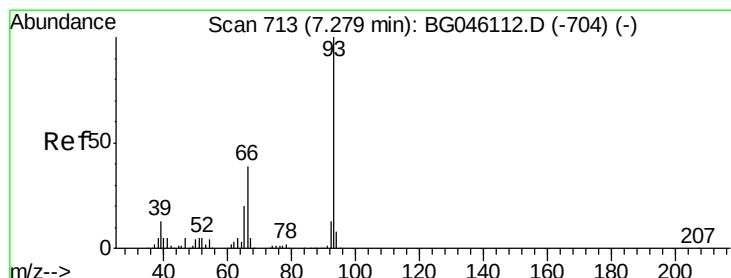
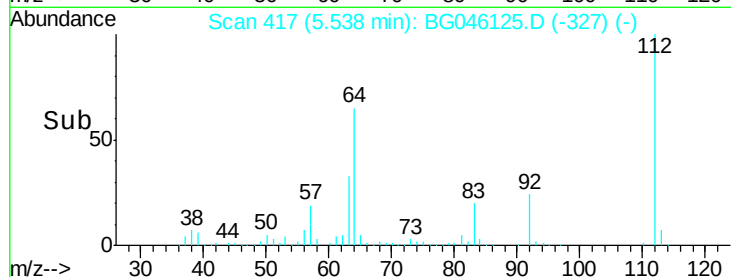
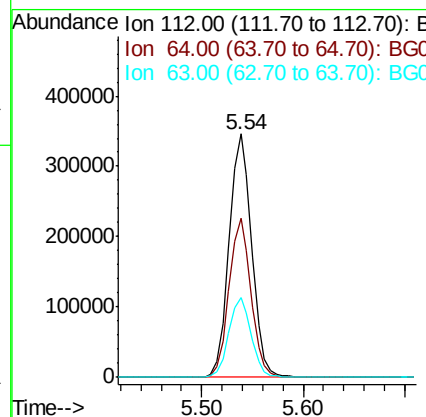
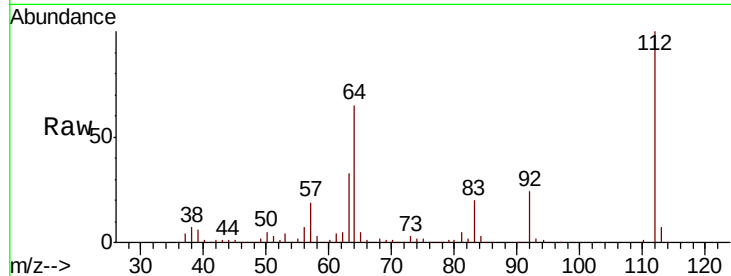
ClientSampleId :

PB130619BS

Tot Ion:	112	Resp:	534086
Ion Ratio	Lower	Upper	
112	100		
64	65.1	50.2	75.2
63	33.0	24.2	36.4

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



#6

Aniline

Concen: 32.207 ng

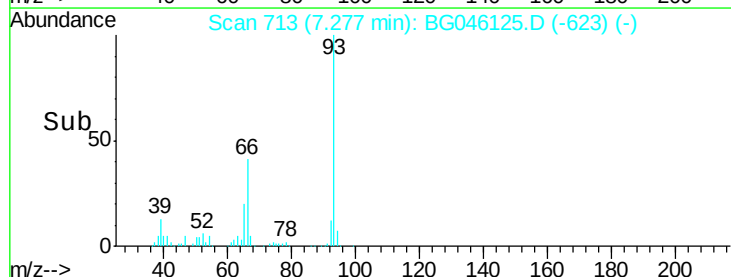
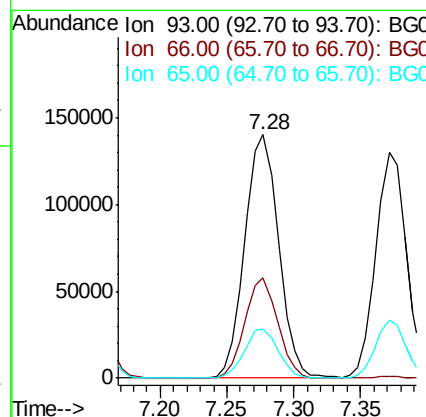
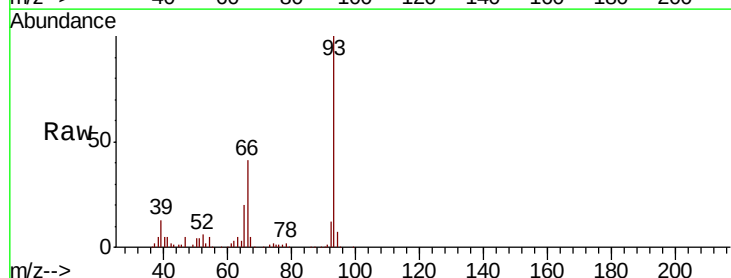
RT: 7.28 min Scan# 713

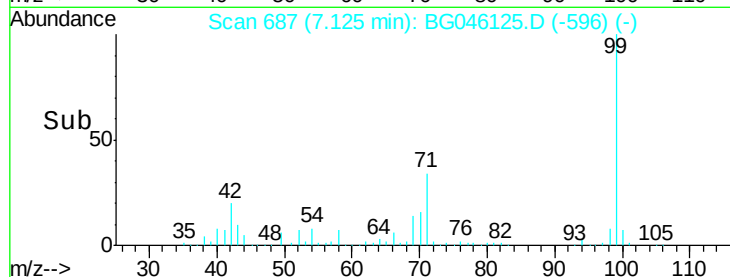
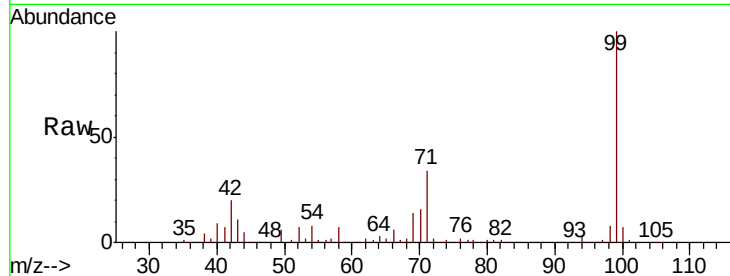
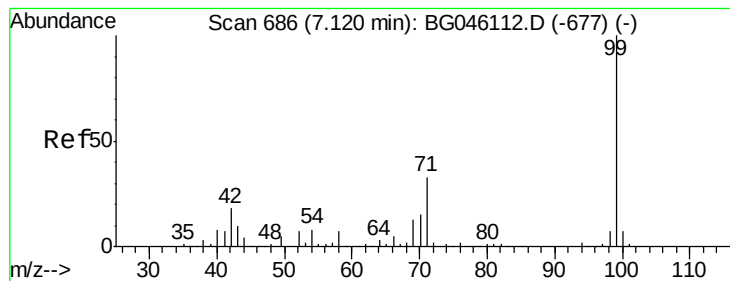
Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tgt Ion:	93	Resp:	245992
Ion Ratio	Lower	Upper	
93	100		
66	41.0	31.0	46.4
65	20.2	15.9	23.9





#7

Phenol-d6

Concen: 107.577 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		690258		
42	20.1	14.7	22.1		
71	33.6	26.5	39.7		

Instrument :

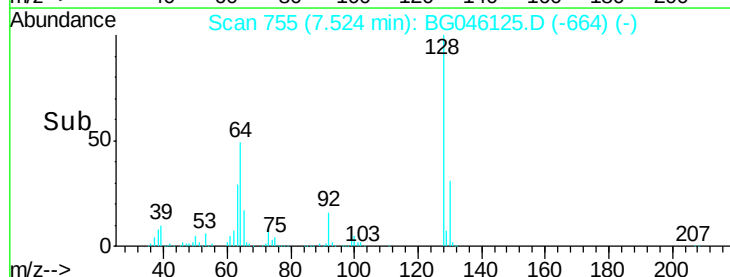
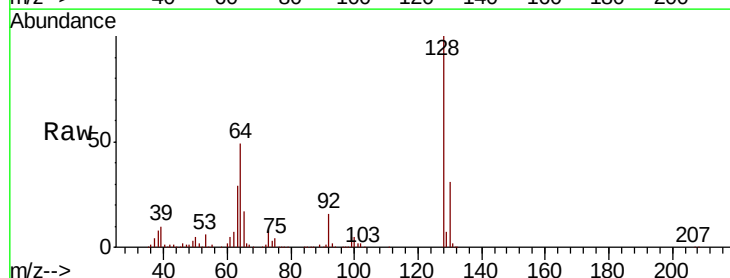
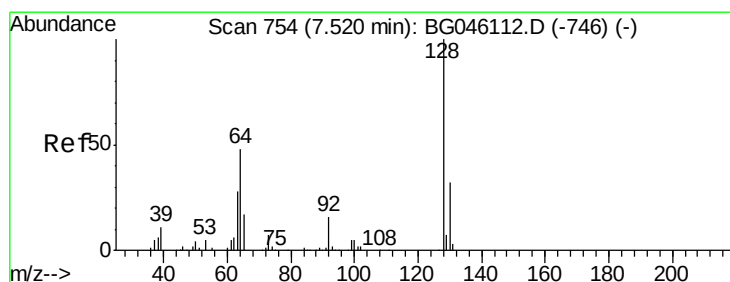
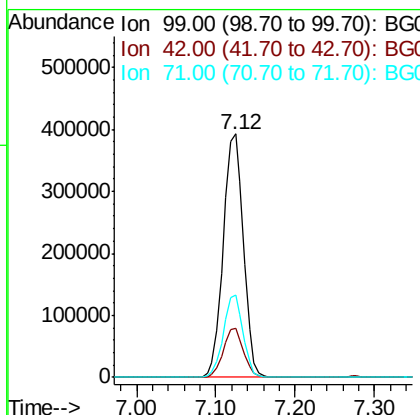
BNA_G

ClientSampled :

PB130619BS

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



#8

2-Chlorophenol

Concen: 43.066 ng

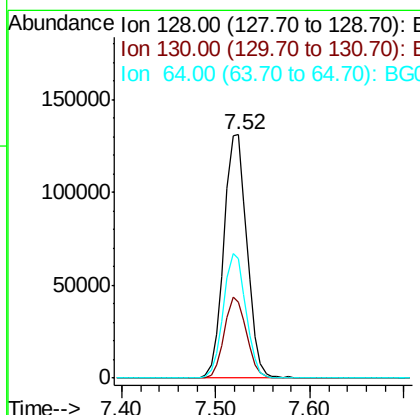
RT: 7.52 min Scan# 755

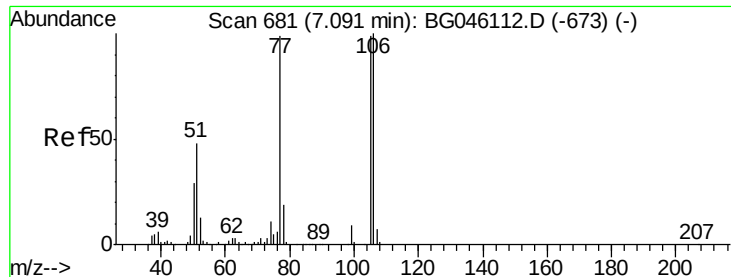
Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		224102		
130	31.1	11.6	51.6		
64	49.2	30.6	70.6		





#9

Benzaldehyde

Concen: 40.637 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

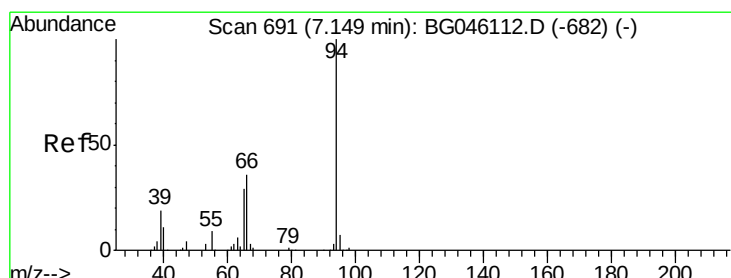
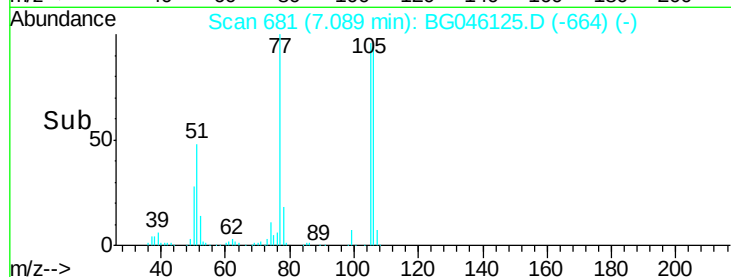
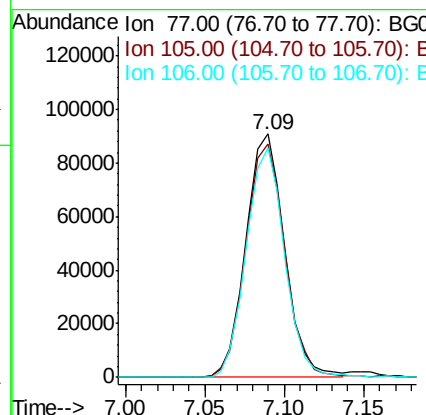
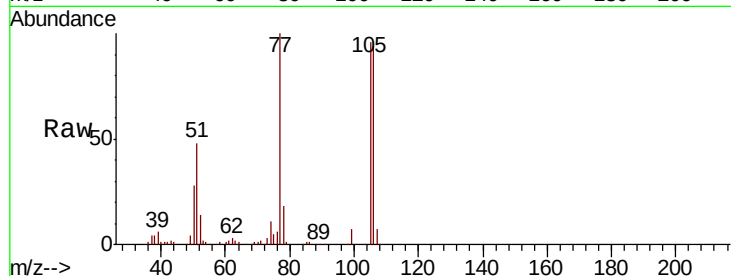
ClientSampleId :

PB130619BS

Tot Ion:	77	Resp:	154725
Ion	Ratio	Lower	Upper
77	100		
105	96.0	80.3	120.3
106	94.2	81.5	121.5

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



#10

Phenol

Concen: 43.244 ng

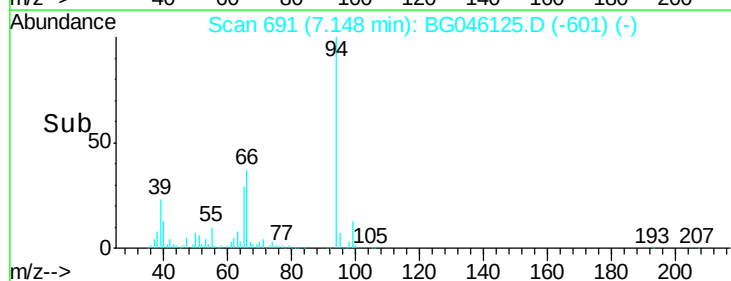
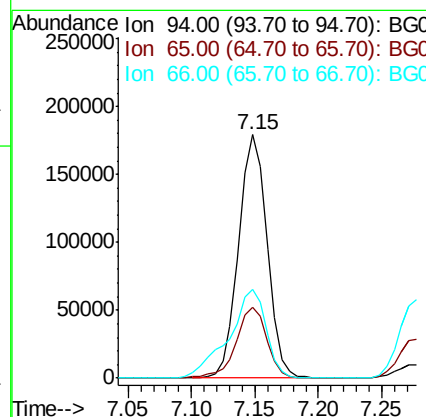
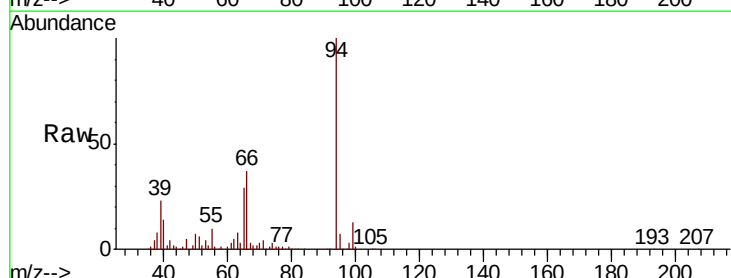
RT: 7.15 min Scan# 691

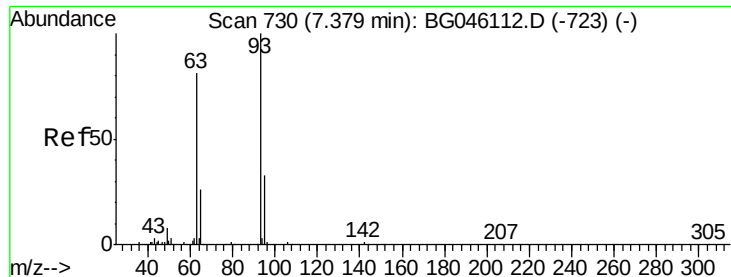
Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tgt Ion:	94	Resp:	278789
Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.6	49.6
66	36.7	16.3	56.3





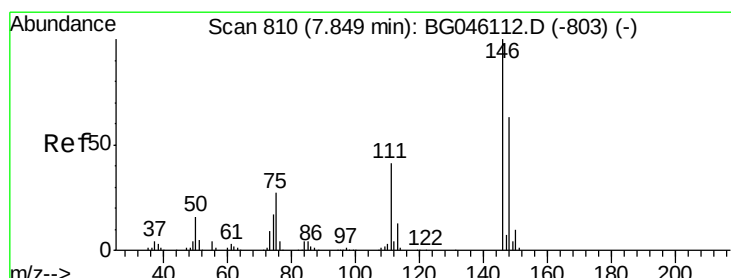
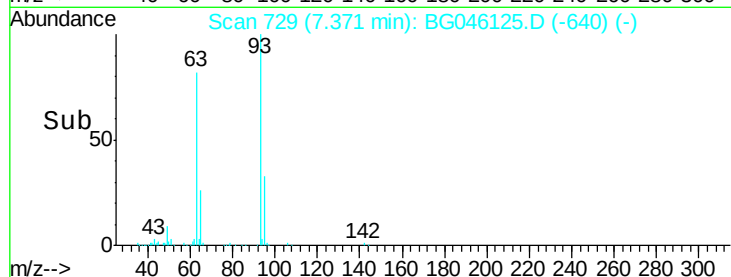
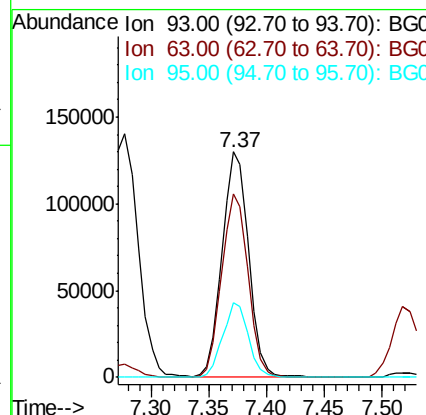
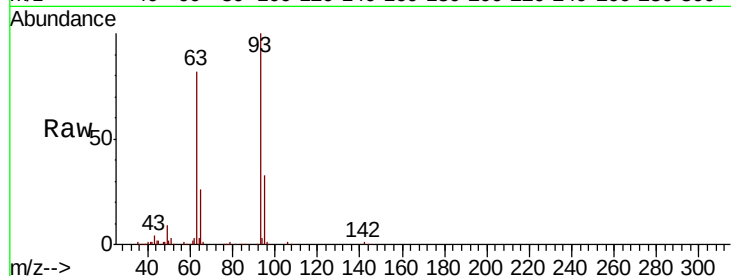
#11
bis(2-Chloroethyl)ether
Concen: 40.379 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.5	60.0	100.0
95	33.1	12.6	52.6

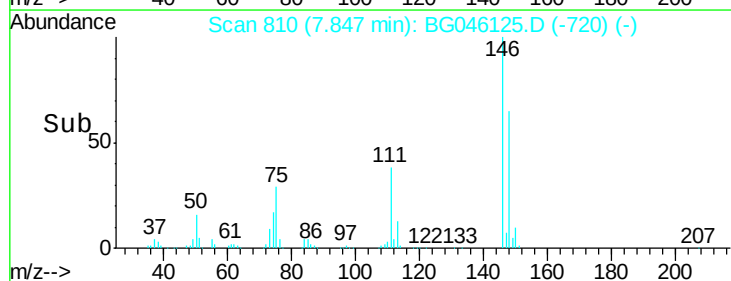
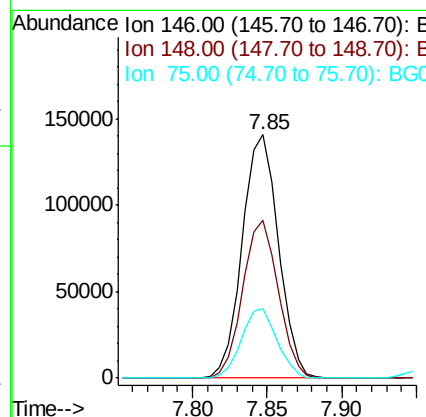
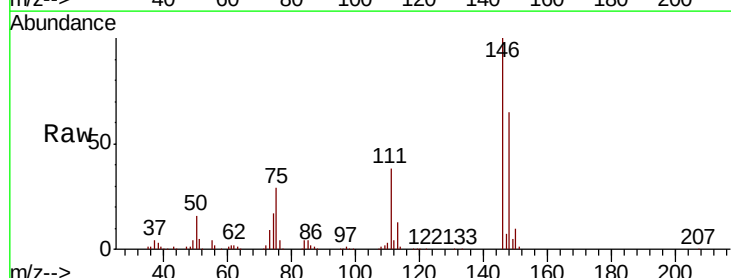
Manual Integrations
APPROVED

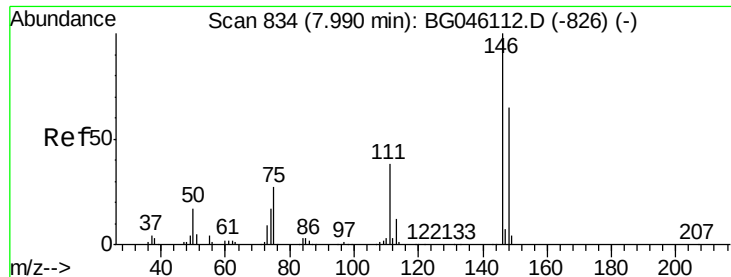
mohammad
8/3/2020 12:22:17 PM



#12
1,3-Dichlorobenzene
Concen: 37.482 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.5	75.7
75	28.6	21.6	32.4





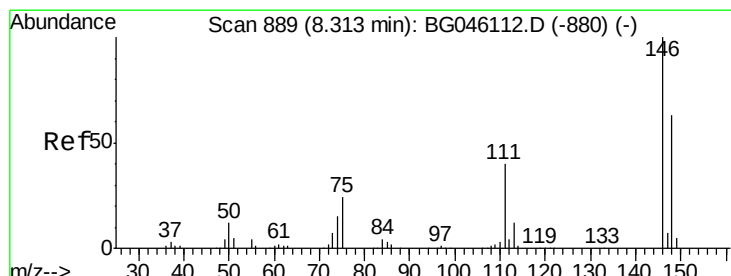
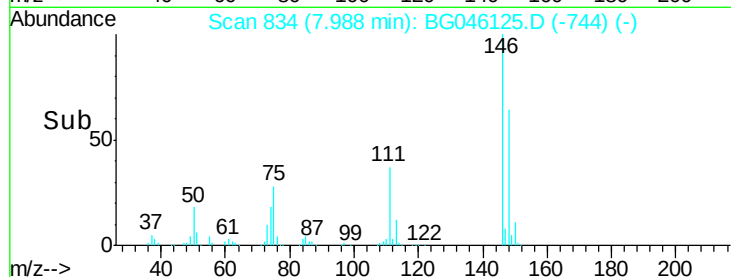
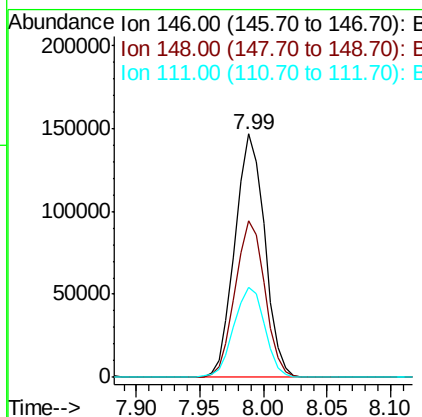
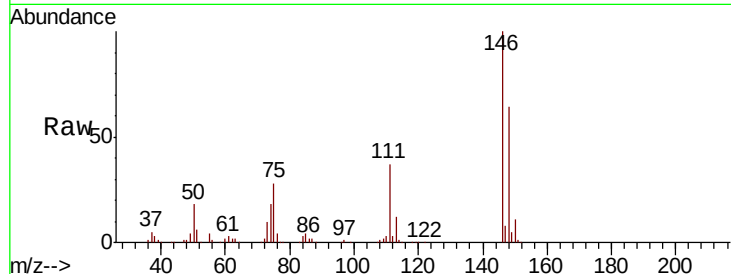
#13
 1,4-Dichlorobenzene
 Concen: 37.760 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	37.0	30.7	46.1

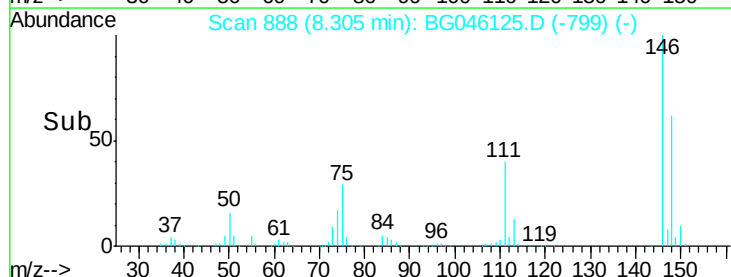
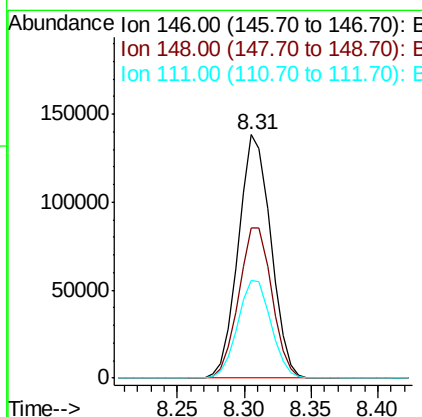
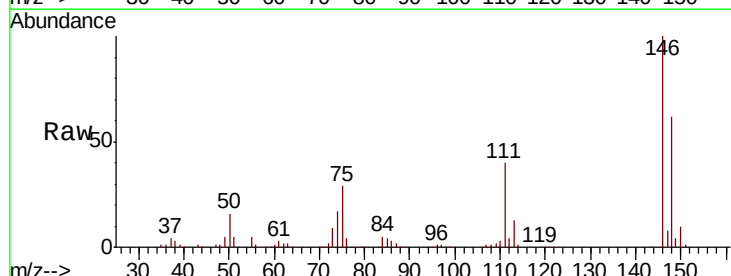
Manual Integrations
 APPROVED

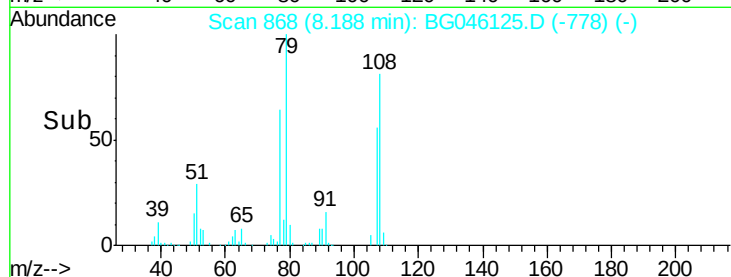
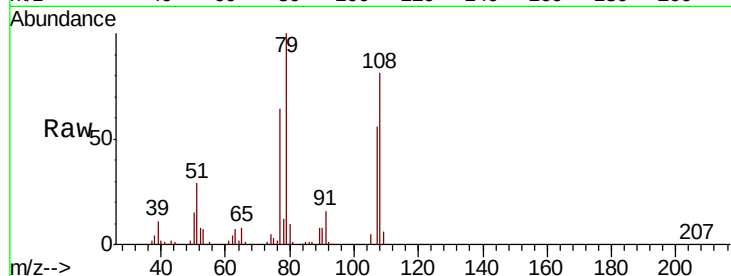
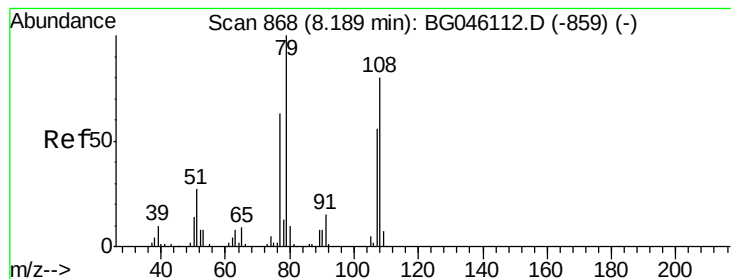
mohammad
 8/3/2020 12:22:17 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.953 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.8	76.2
111	40.2	32.4	48.6





#15

Benzyl Alcohol

Concen: 43.629 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tot Ion:	79	Resp:	193395
Ion Ratio	Lower	Upper	
79	100		
108	80.8	64.1	96.1
77	64.5	50.2	75.2

Instrument :

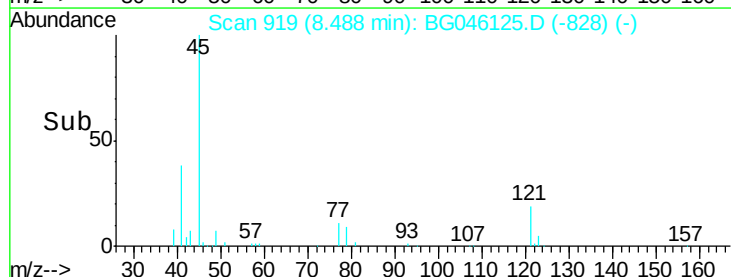
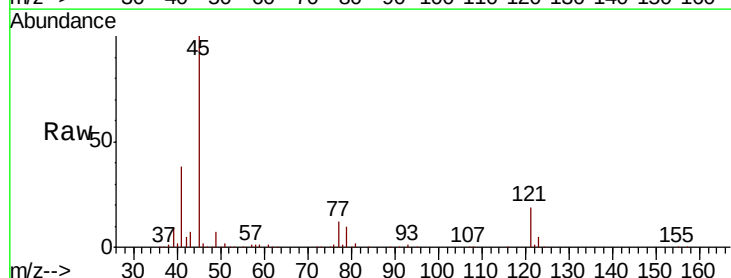
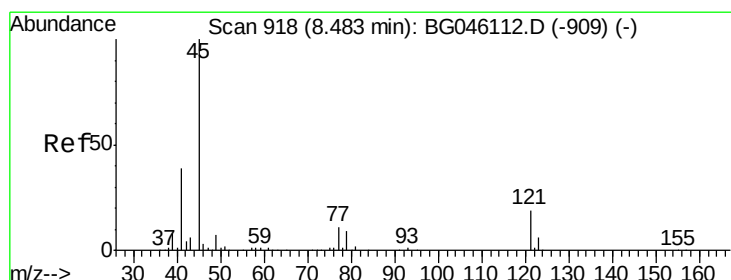
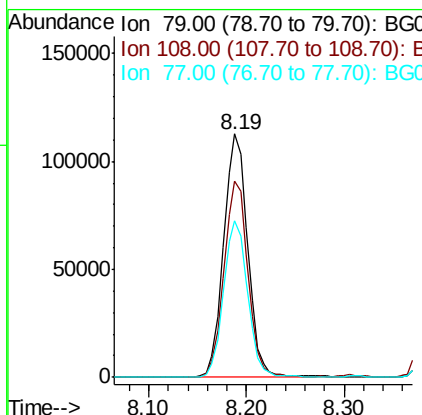
BNA_G

ClientSampleId :

PB130619BS

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.134 ng

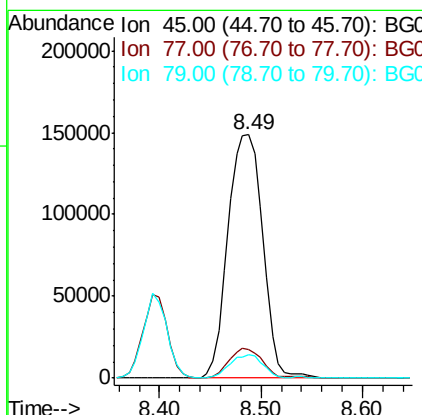
RT: 8.49 min Scan# 919

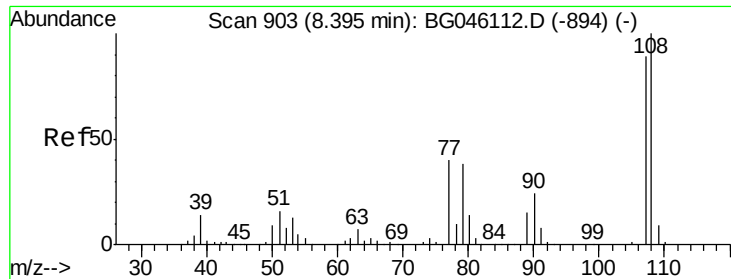
Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tgt Ion:	45	Resp:	354222
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	31.9
79	9.7	0.0	29.5





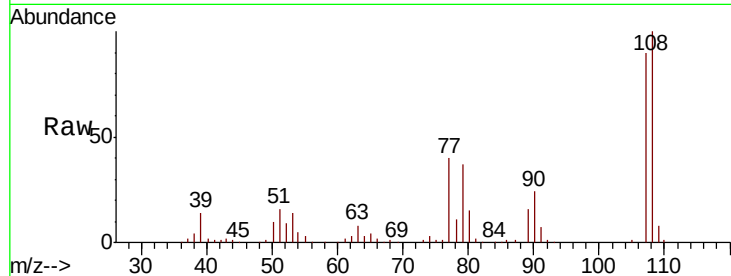
#17
2-Methylphenol
Concen: 44.239 ng
RT: 8.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

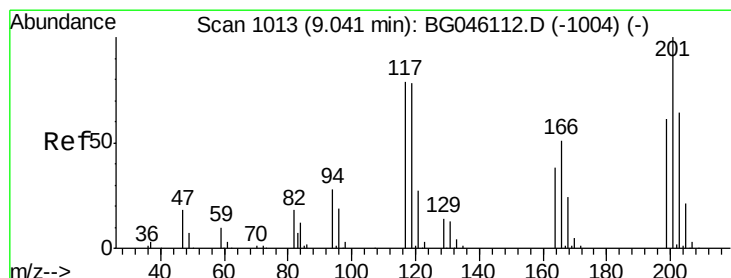
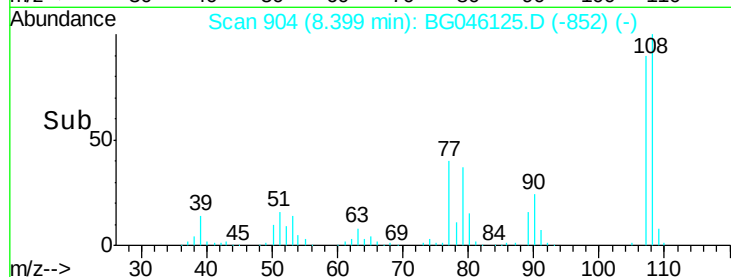
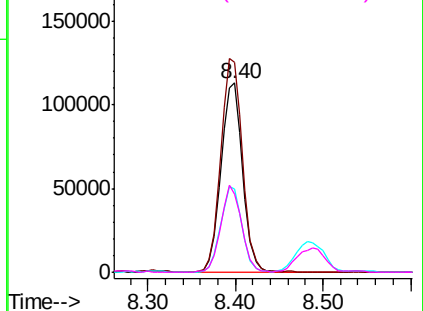
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	90.0	135.0	
77	44.2	35.6	53.4	
79	41.2	34.4	51.6	

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM

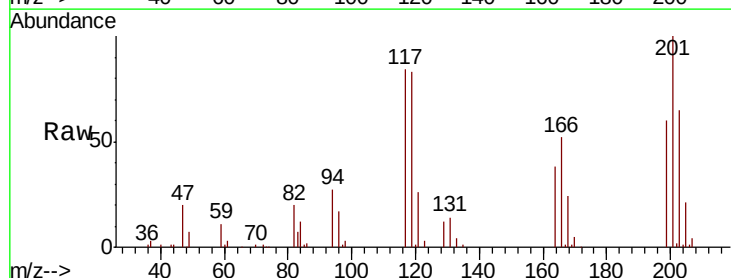


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BG
100000 Ion 79.00 (78.70 to 79.70): BG
50000
0

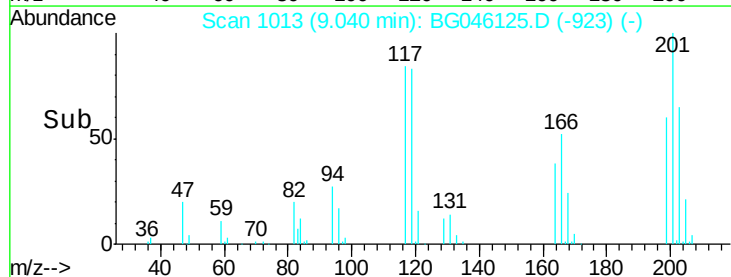
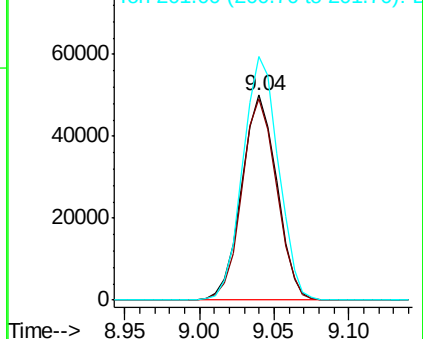


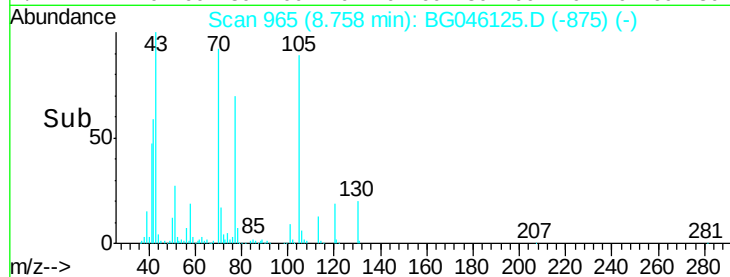
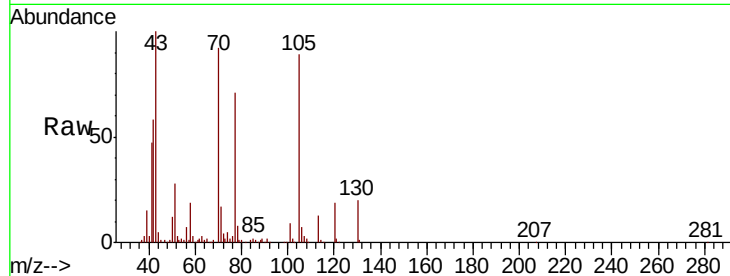
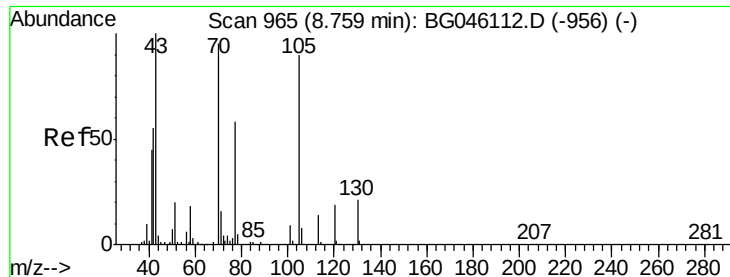
#18
Hexachloroethane
Concen: 38.710 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	78.5	117.7	
201	118.9	101.0	151.4	



Abundance Ion 117.00 (116.70 to 117.70): E
80000 Ion 119.00 (118.70 to 119.70): E
60000 Ion 201.00 (200.70 to 201.70): E
40000
20000
0





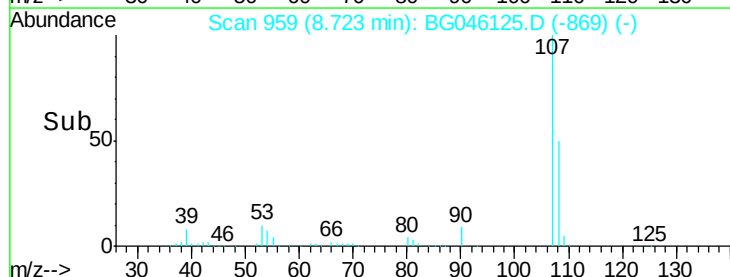
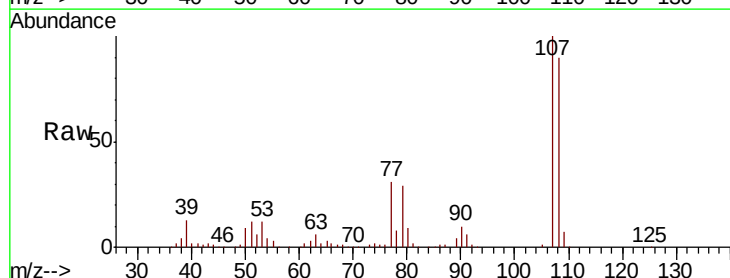
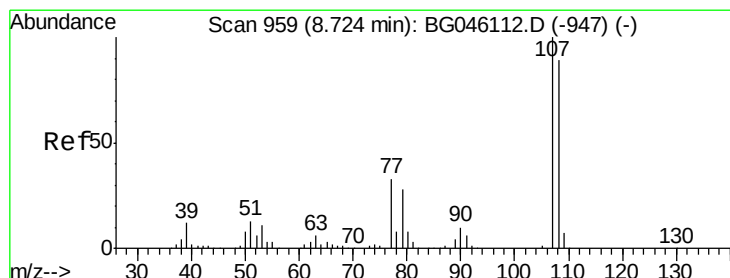
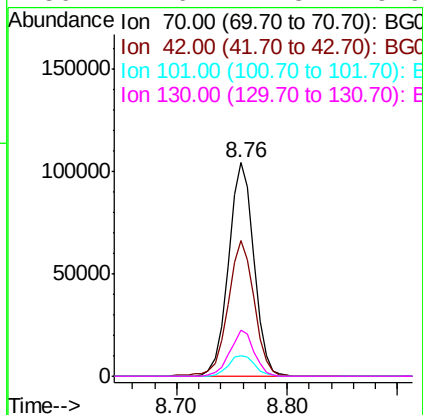
#19
n-Nitroso-di-n-propylamine
Concen: 40.287 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.6	46.5	69.7	
101	9.7	7.6	11.4	
130	21.6	17.3	25.9	

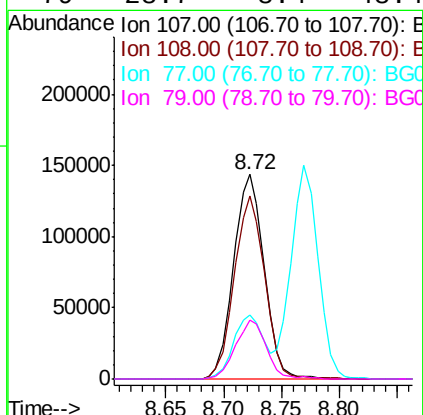
Manual Integrations
APPROVED

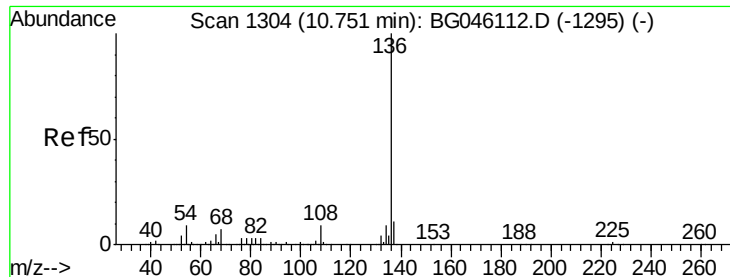
mohammad
8/3/2020 12:22:17 PM



#20
3+4-Methylphenols
Concen: 44.207 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	69.1	109.1	
77	31.4	12.5	52.5	
79	28.7	8.4	48.4	





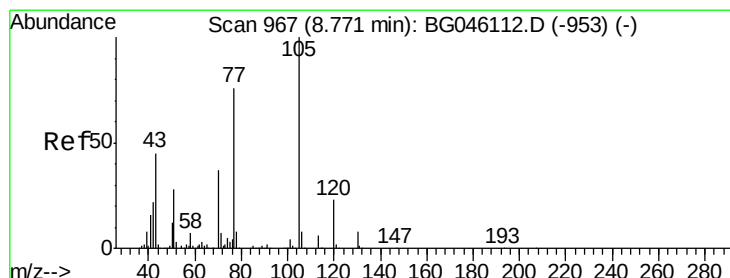
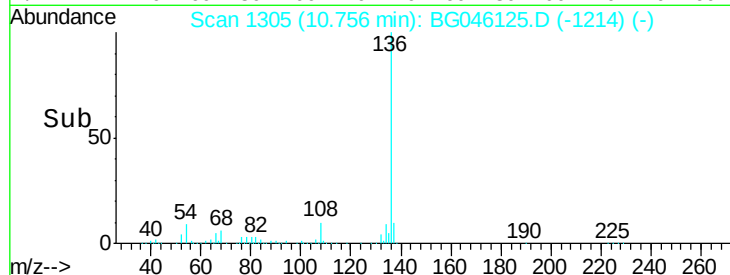
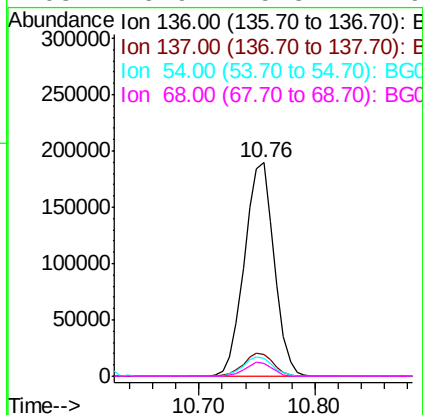
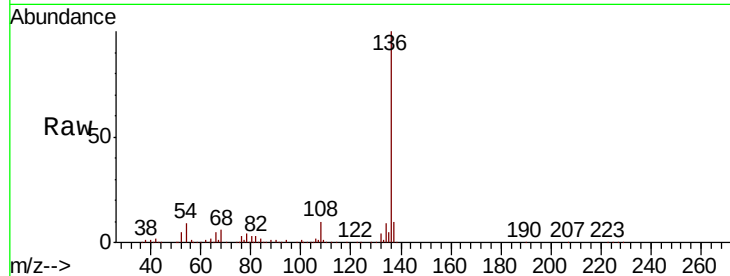
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	338700		
137	10.2		8.8	13.2
54	8.7		7.0	10.4
68	5.9		5.3	7.9

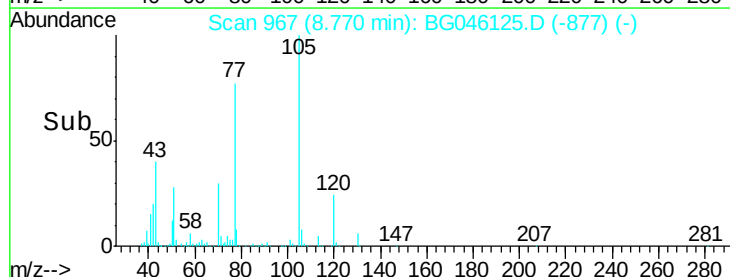
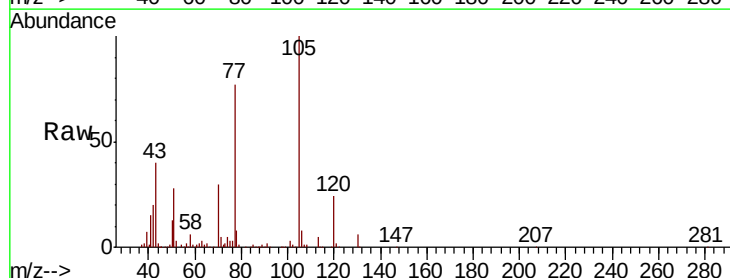
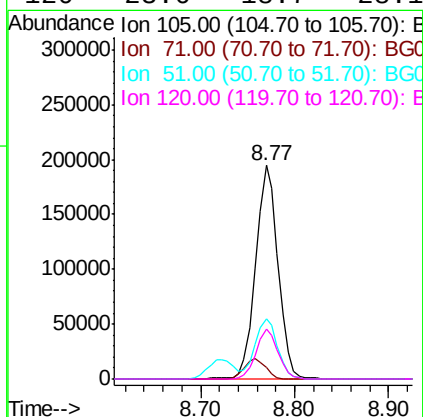
Manual Integrations
APPROVED

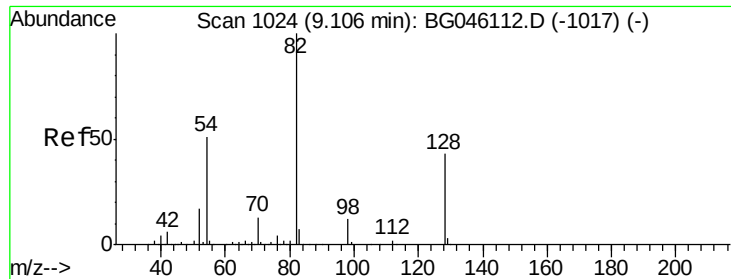
mohammad
8/3/2020 12:22:17 PM



#22
Acetophenone
Concen: 36.890 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	320656		
71	5.1		5.3	7.9#
51	28.3		22.7	34.1
120	23.6		18.7	28.1





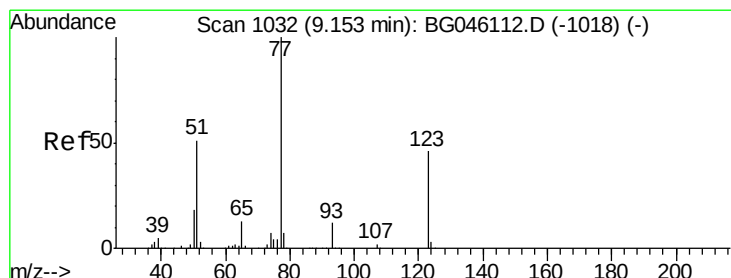
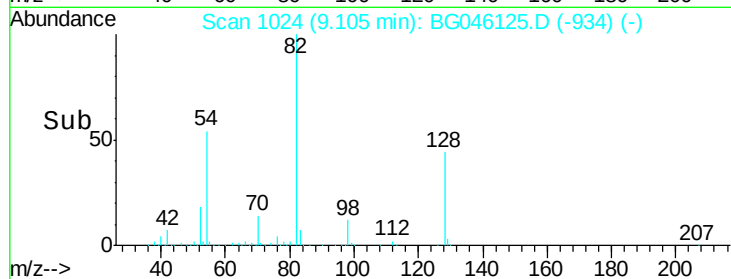
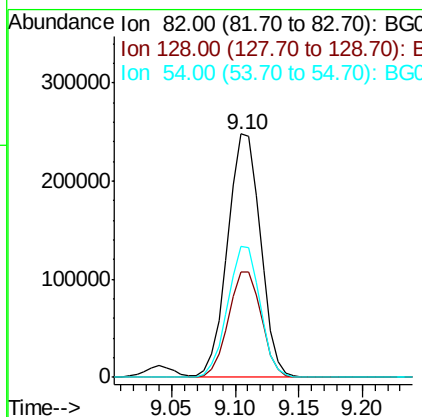
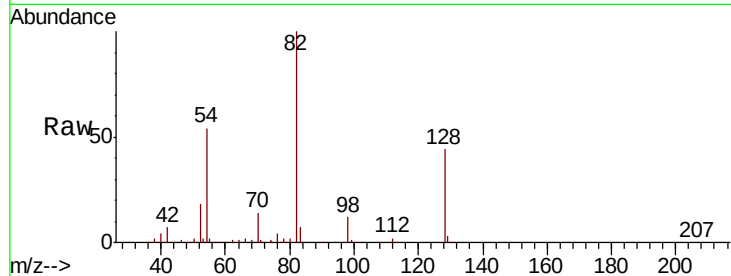
#23
Nitrobenzene-d5
Concen: 71.325 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	446184		
128	43.5	34.4	51.6	
54	53.7	40.8	61.2	

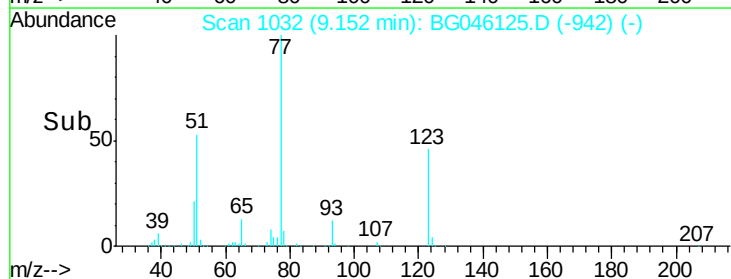
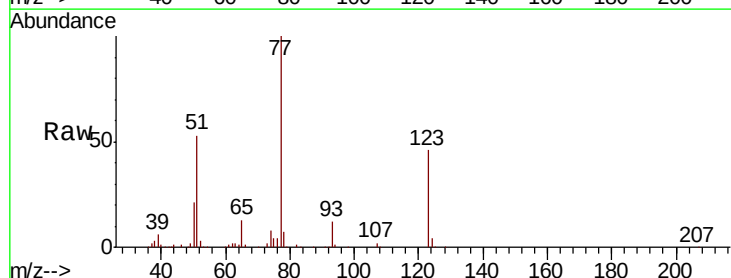
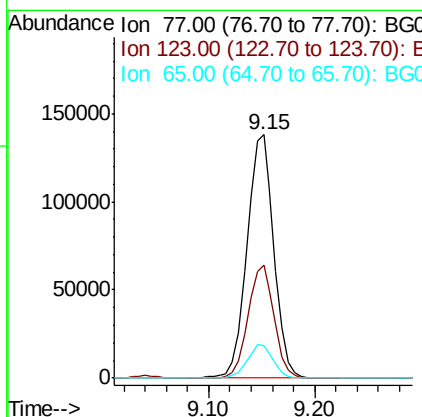
Manual Integrations
APPROVED

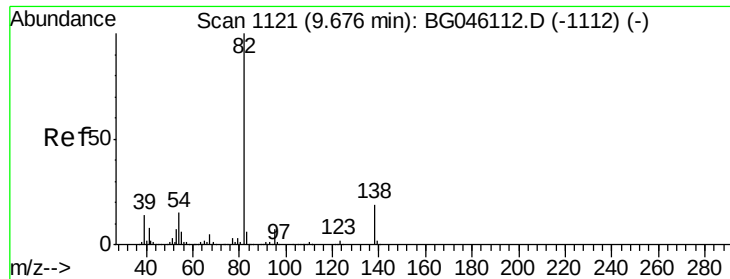
mohammad
8/3/2020 12:22:17 PM



#24
Nitrobenzene
Concen: 36.590 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	244043		
123	46.3	36.8	55.2	
65	13.2	10.2	15.2	





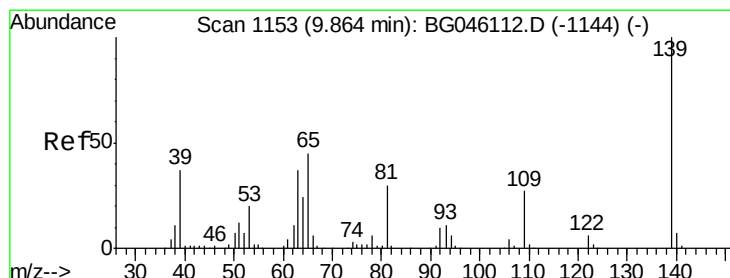
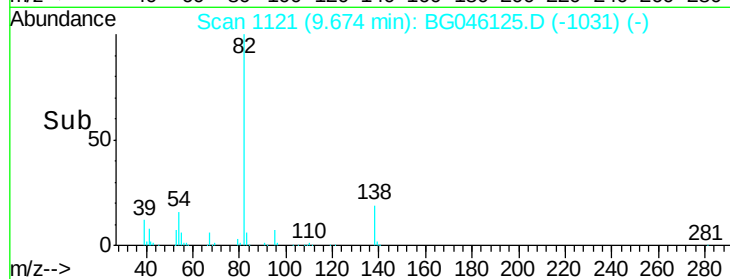
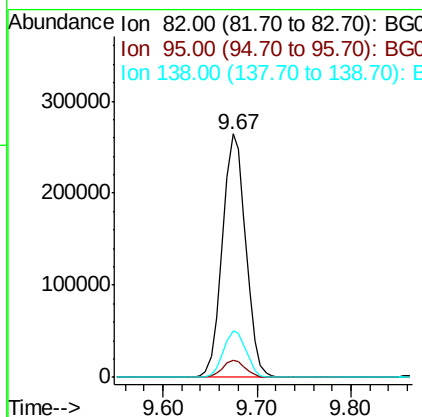
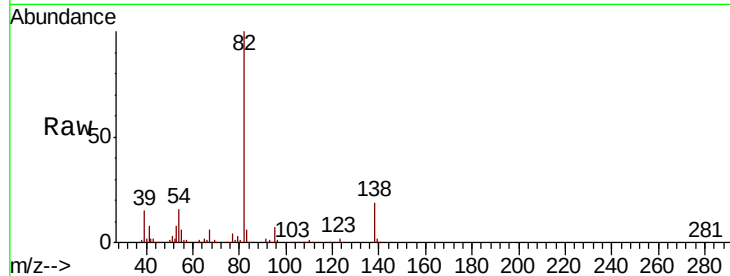
#25
Isophorone
Concen: 36.591 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100			
95	95	6.8	5.5	8.3	
138	138	19.1	15.3	22.9	

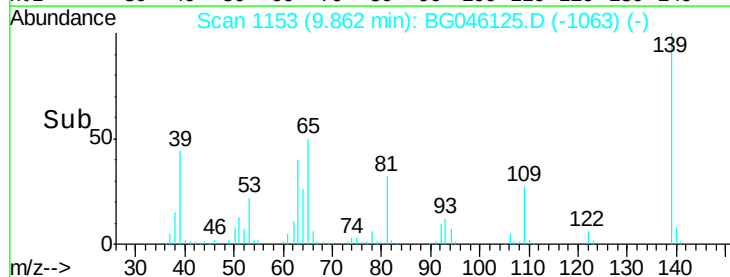
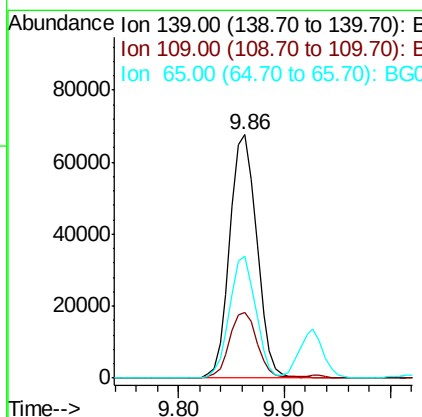
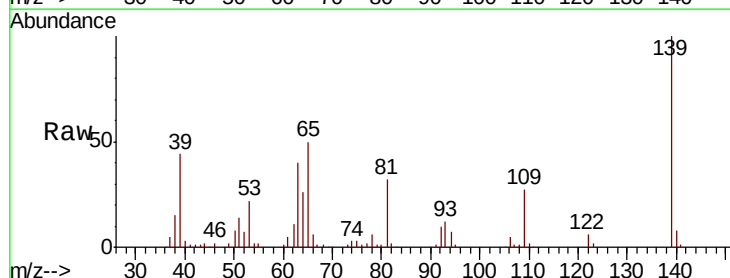
Manual Integrations
APPROVED

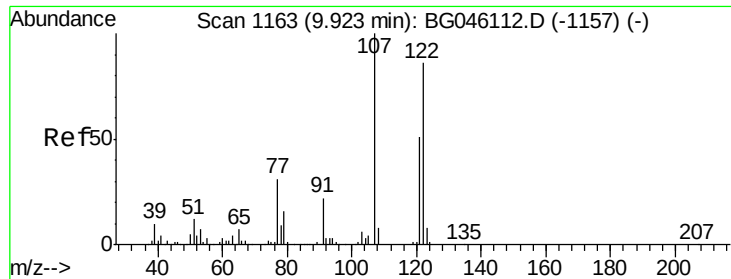
mohammad
8/3/2020 12:22:17 PM



#26
2-Nitrophenol
Concen: 39.707 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	139	100			
109	109	27.1	21.8	32.8	
65	65	50.1	36.2	54.2	





#27

2,4-Dimethylphenol

Concen: 42.291 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

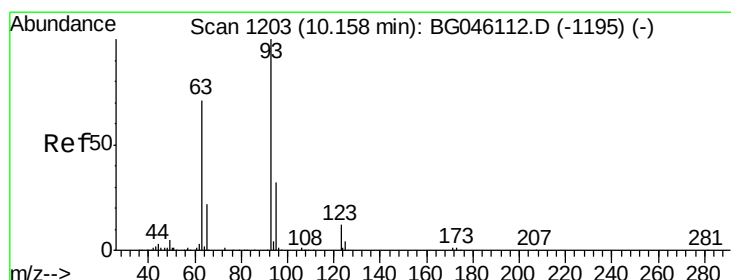
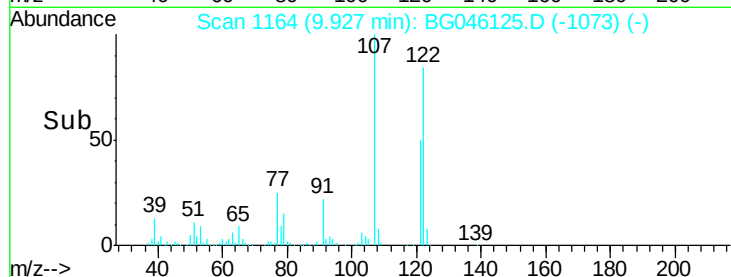
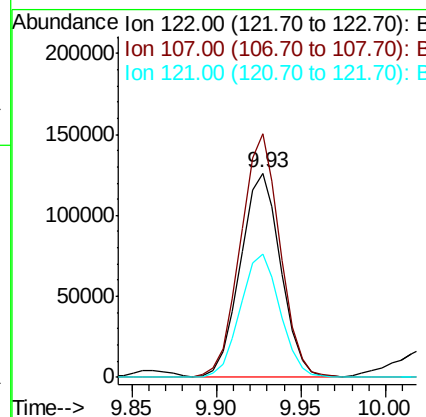
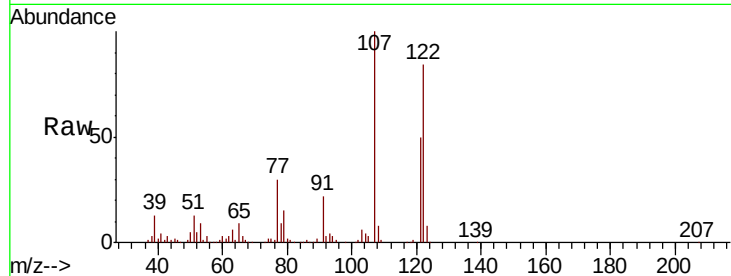
ClientSampleId :

PB130619BS

Tot Ion:	122	Resp:	207983
Ion Ratio	Lower	Upper	
122	100		
107	119.1	92.4	138.6
121	60.1	47.0	70.6

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.031 ng

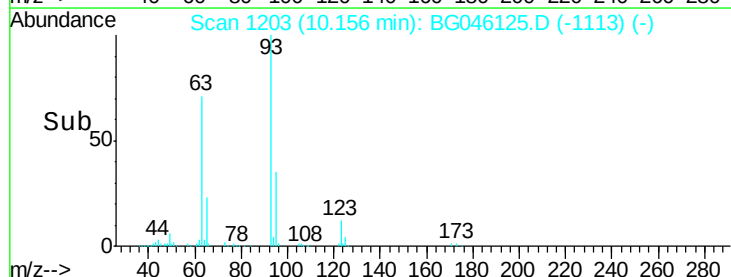
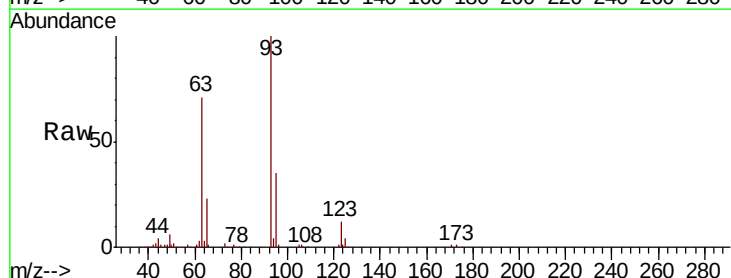
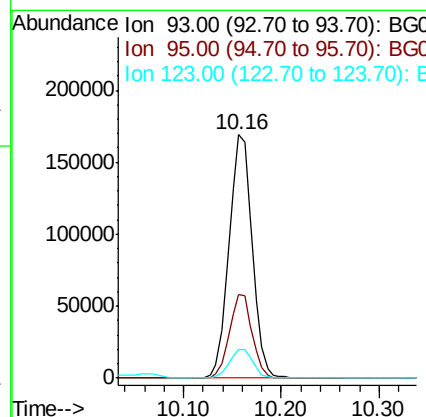
RT: 10.16 min Scan# 1203

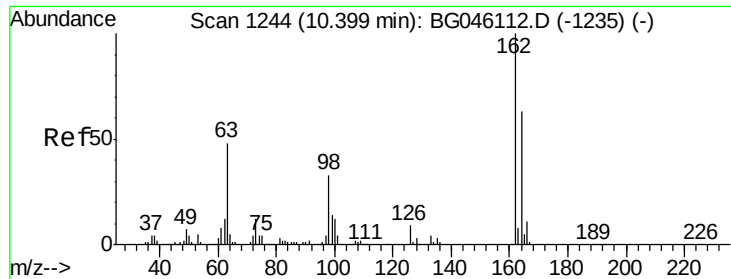
Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tgt Ion:	93	Resp:	277717
Ion Ratio	Lower	Upper	
93	100		
95	34.5	26.0	39.0
123	11.9	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 39.750 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

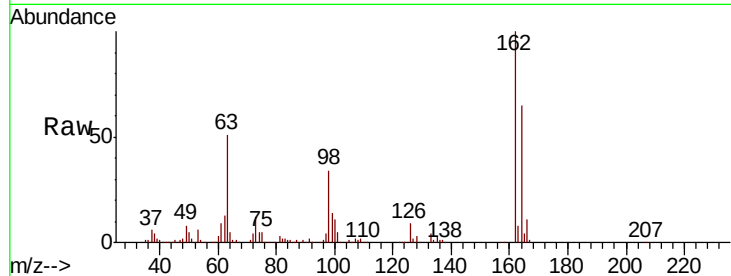
ClientSampleId :

PB130619BS

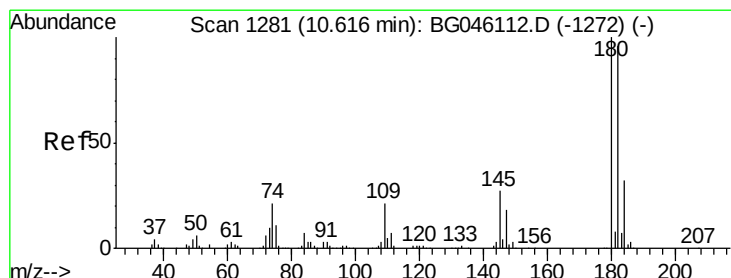
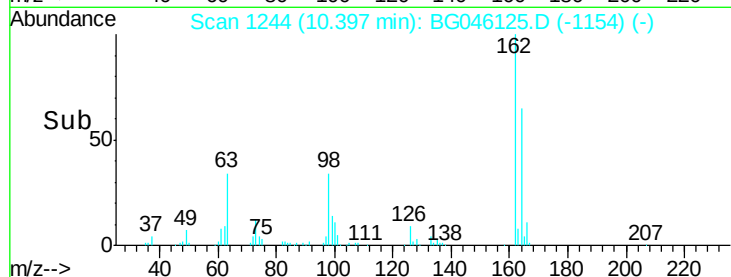
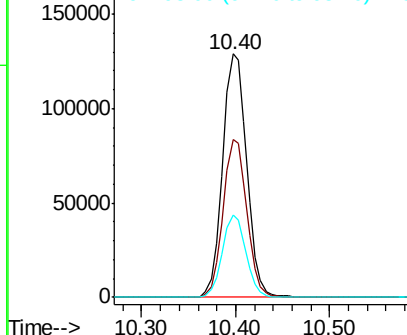
Tot Ion:	162	Resp:	229957
Ion Ratio		Lower	Upper
162	100		
164	64.9	43.3	83.3
98	33.9	13.1	53.1

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 35.253 ng

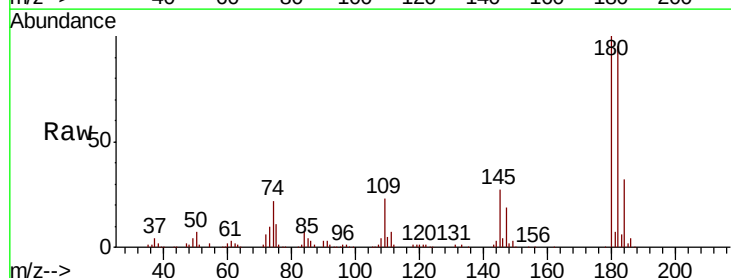
RT: 10.61 min Scan# 1281

Delta R.T. -0.00 min

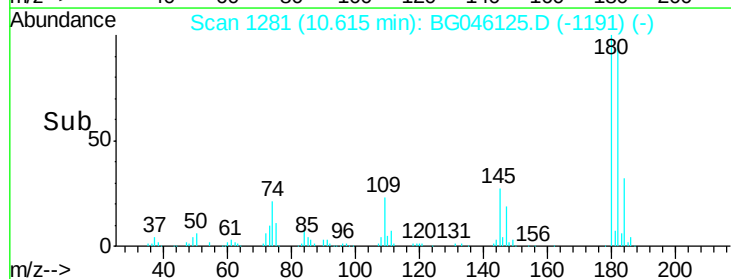
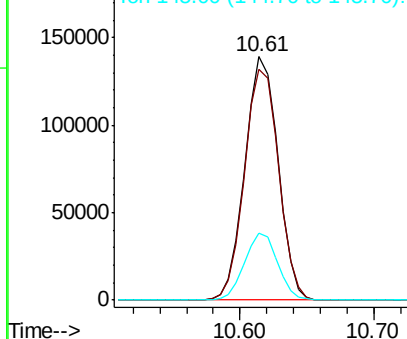
Lab File: BG046125.D

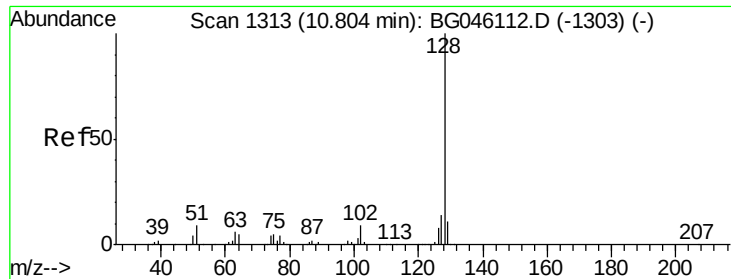
Acq: 31 Jul 2020 14:41

Tgt Ion:	180	Resp:	238914
Ion Ratio		Lower	Upper
180	100		
182	94.7	76.7	115.1
145	27.4	21.8	32.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





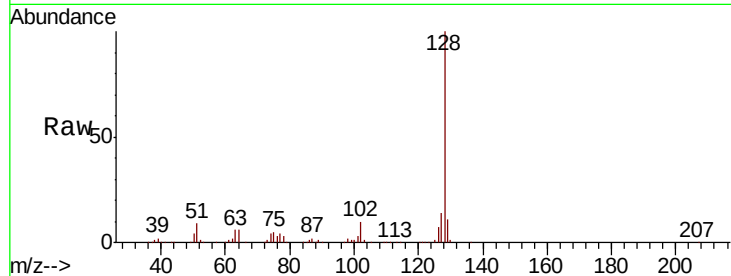
#31
Naphthalene
Concen: 36.626 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.1	13.7	
127	13.6	11.3	16.9	

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM

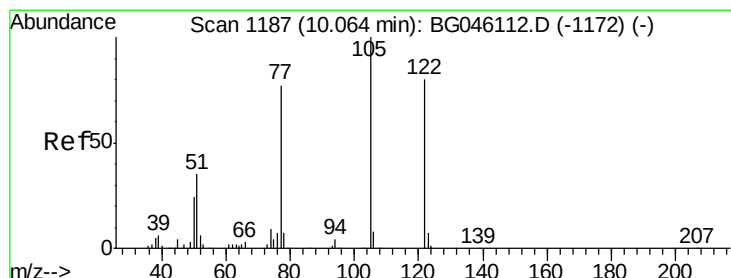
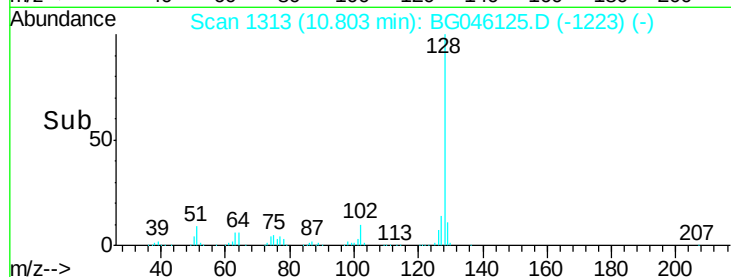
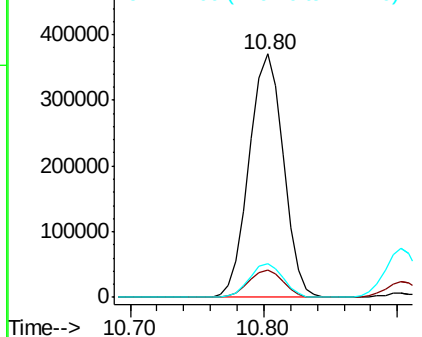


Abundance

Ion 128.00 (127.70 to 128.70): E

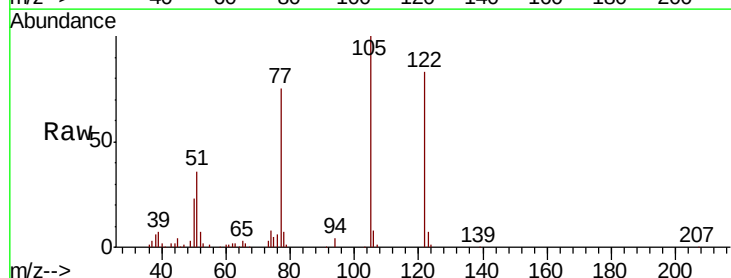
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.463 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.0	103.0	143.0	
77	90.5	75.2	115.2	

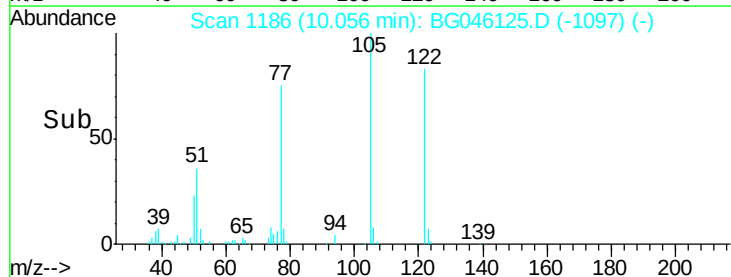
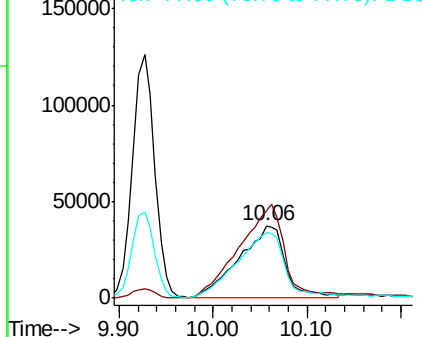


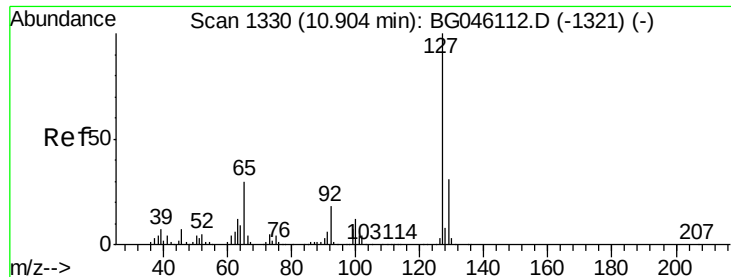
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





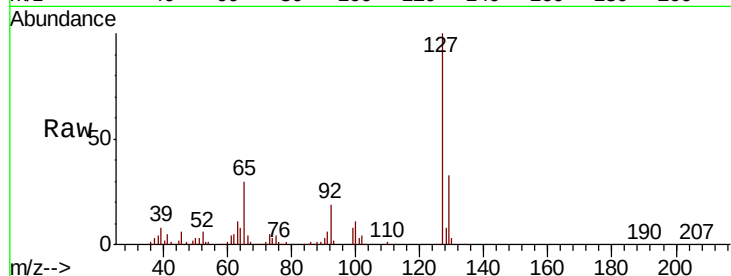
#33
4-Chloroaniline
Concen: 18.482 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

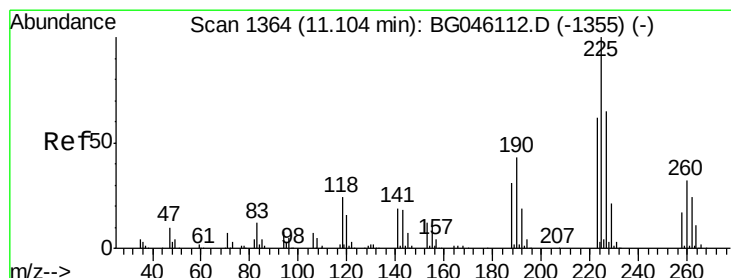
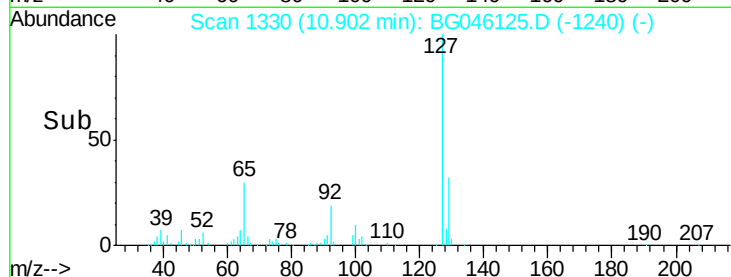
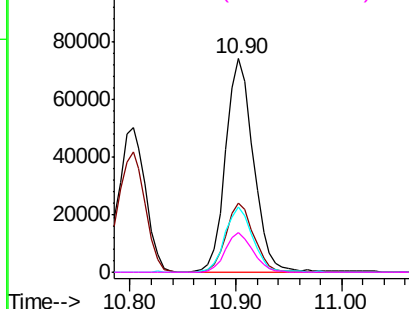
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.2	37.8
65	30.3	24.2	36.2
92	18.6	14.5	21.7

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM

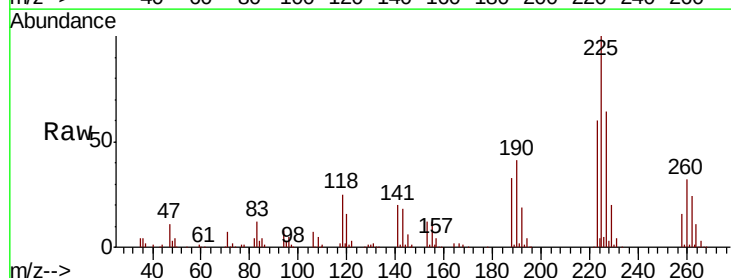


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

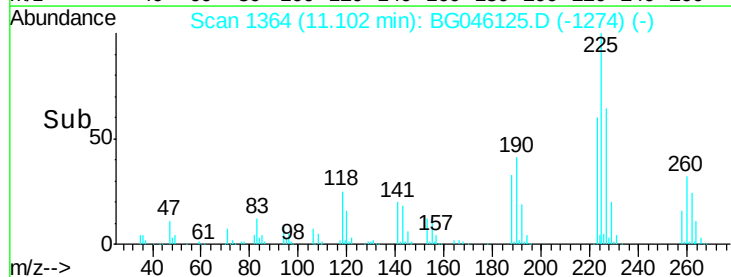
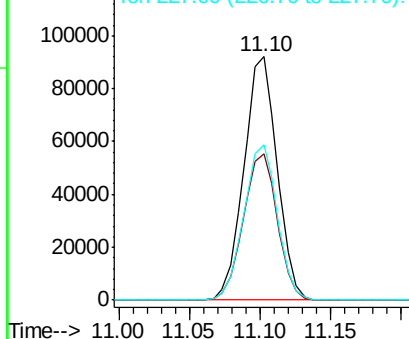


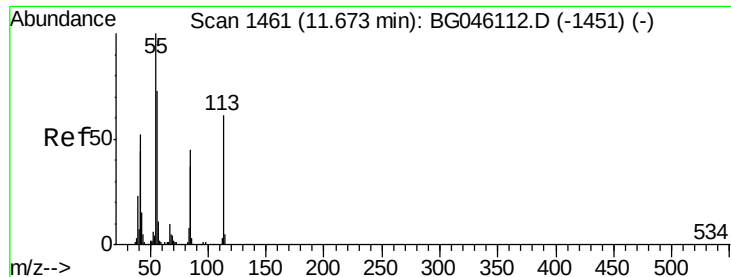
#34
Hexachlorobutadiene
Concen: 33.700 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	49.8	74.6
227	63.7	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: 42.567 ng/mL

RT: 11.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleID :

PB130619BS

Tot Ion:113 Resp: 80600

Ion Ratio Lower Upper

113 100

55 193.6 144.7 184.7#

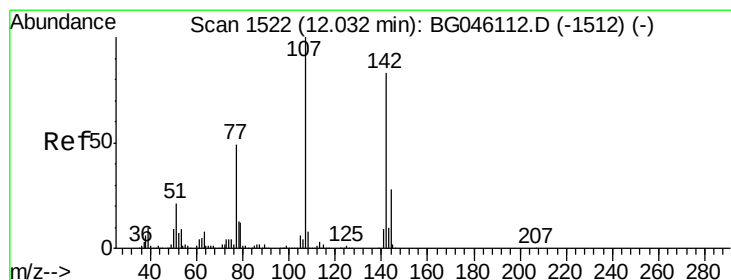
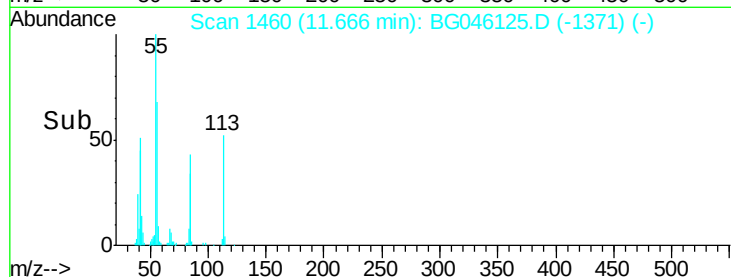
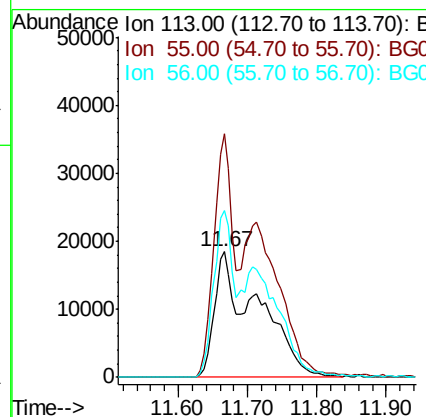
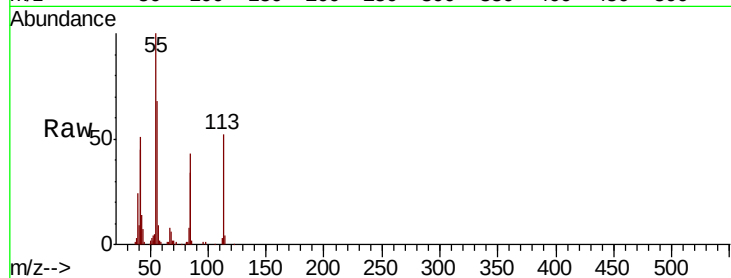
56 132.4 99.4 139.4

Manual Integrations

APPROVED

mohammad

8/3/2020 12:22:17 PM



#36

4-Chloro-3-methylphenol

Concen: 41.869 ng/mL

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

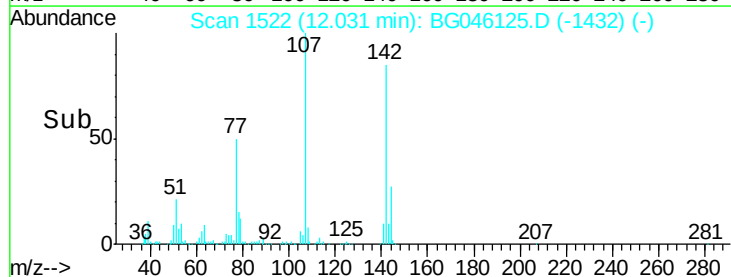
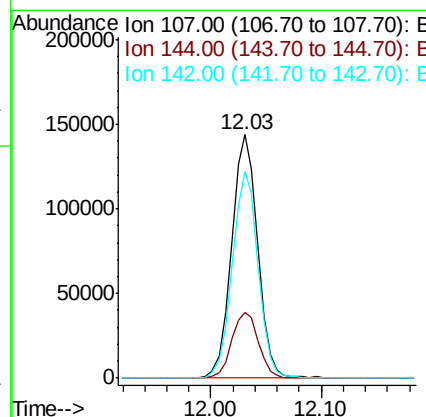
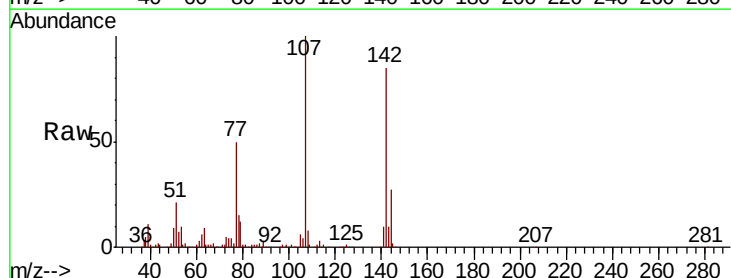
Tgt Ion:107 Resp: 237698

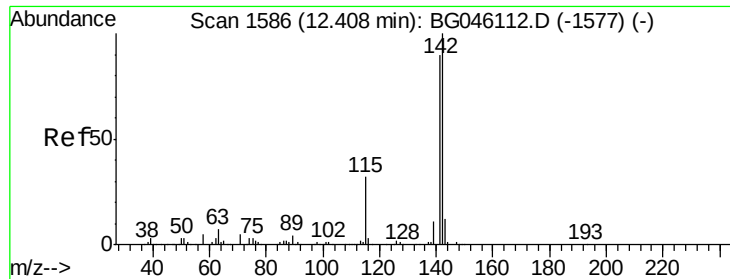
Ion Ratio Lower Upper

107 100

144 27.0 22.4 33.6

142 84.7 66.6 100.0





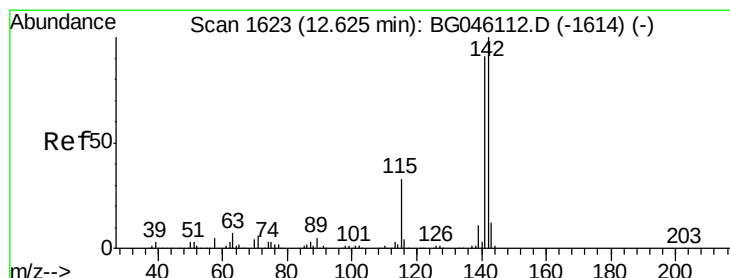
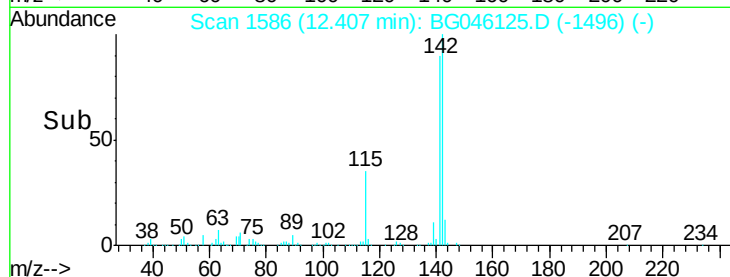
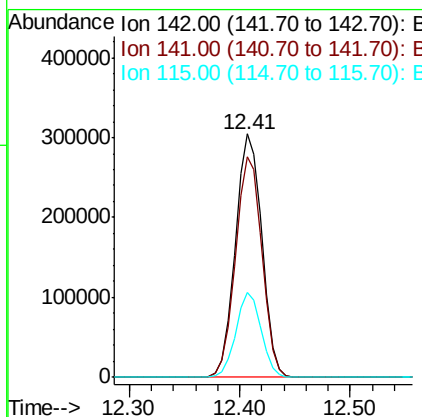
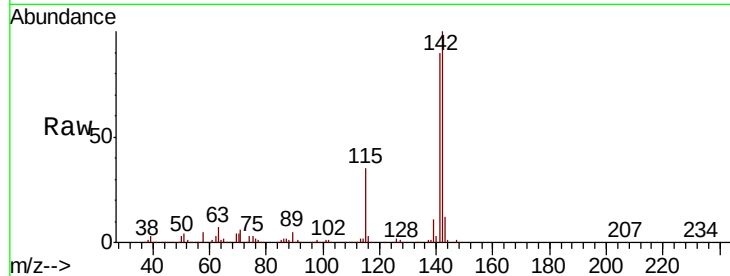
#37
2-Methylnaphthalene
Concen: 37.185 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.7	107.5
115	34.8	25.8	38.8

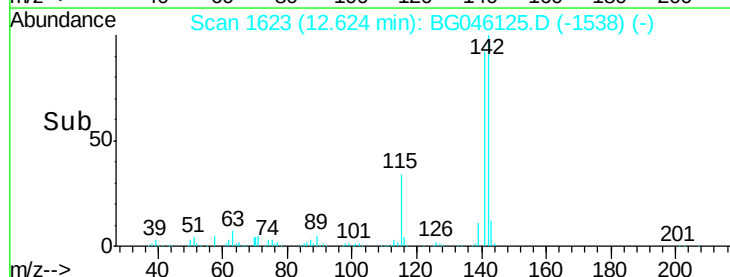
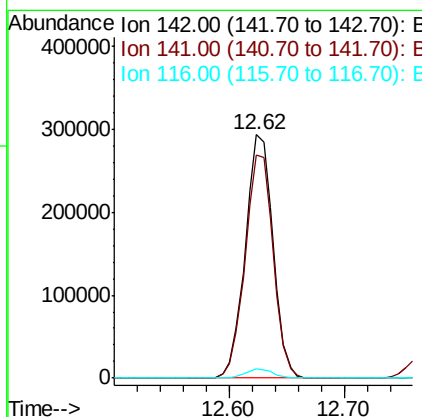
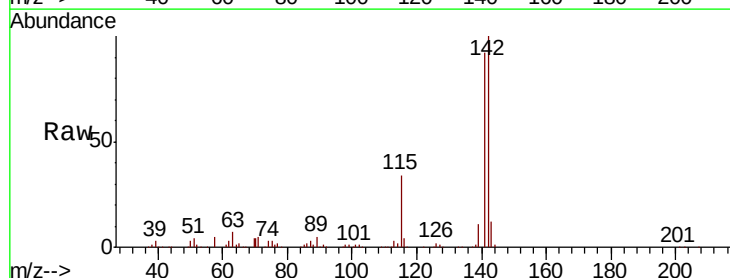
Manual Integrations
APPROVED

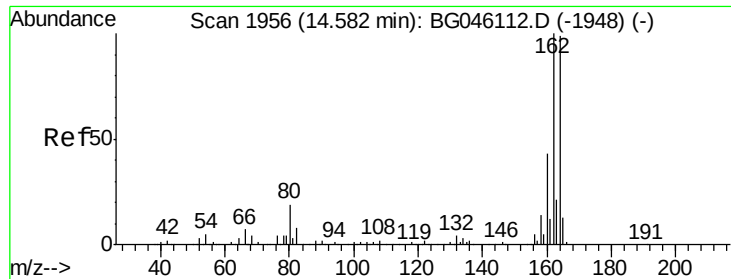
mohammad
8/3/2020 12:22:17 PM



#38
1-Methylnaphthalene
Concen: 37.489 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.4
116	3.9	2.8	4.2





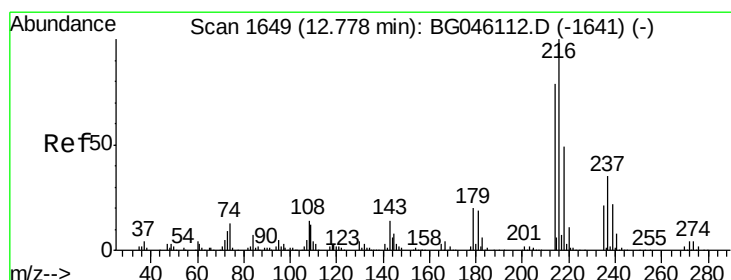
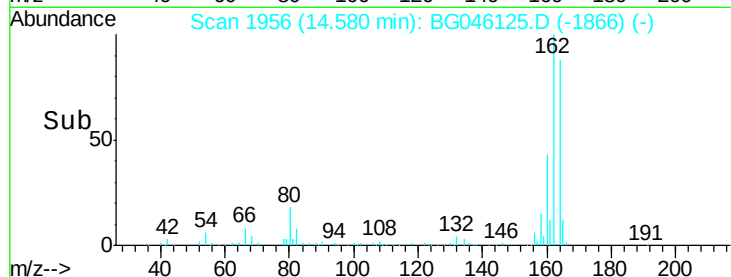
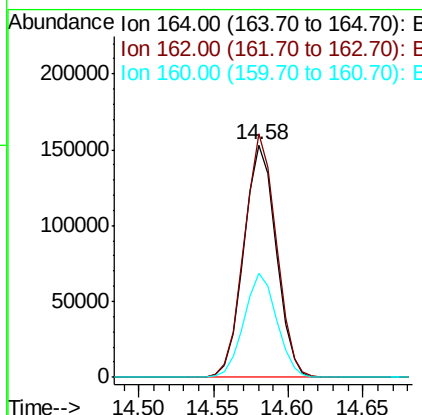
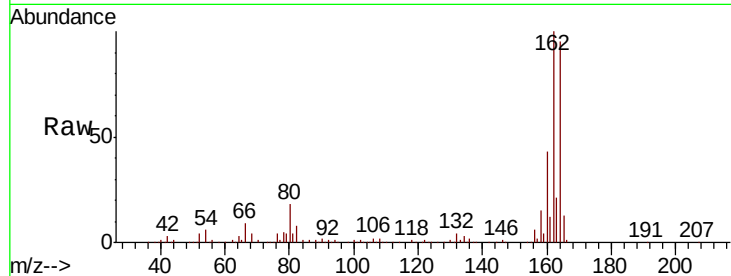
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.6	121.0
160	45.0	34.9	52.3

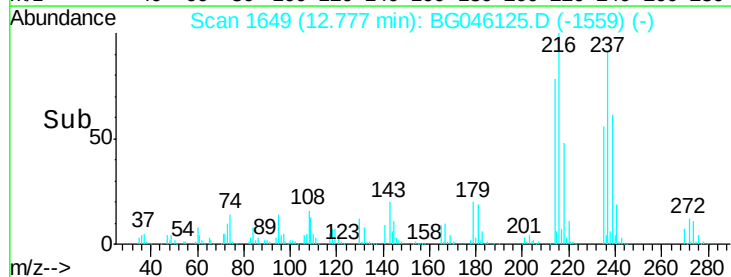
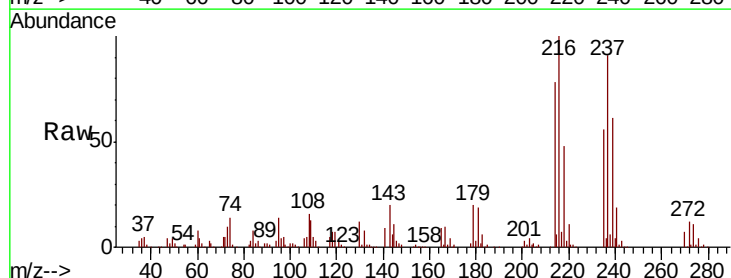
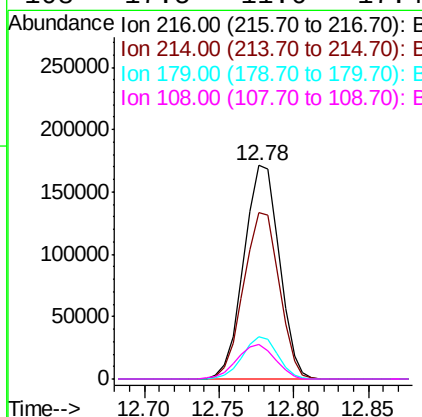
Manual Integrations
APPROVED

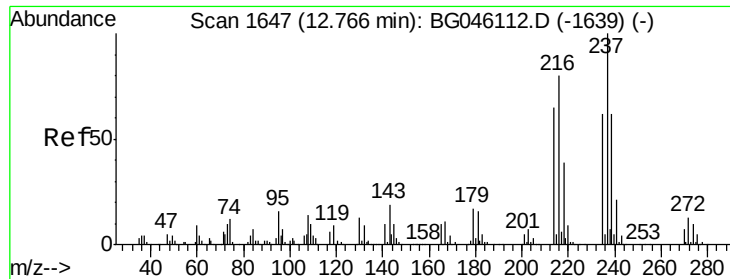
mohammad
8/3/2020 12:22:17 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.196 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.7	94.1
179	19.4	15.0	22.6
108	17.5	11.6	17.4#





#41

Hexachlorocyclopentadiene

Concen: 83.323 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

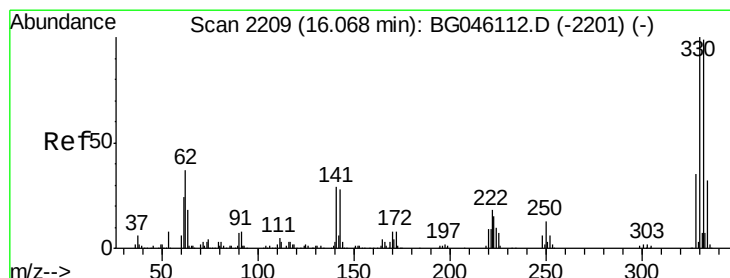
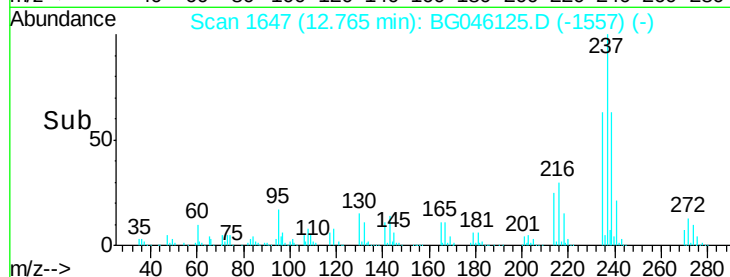
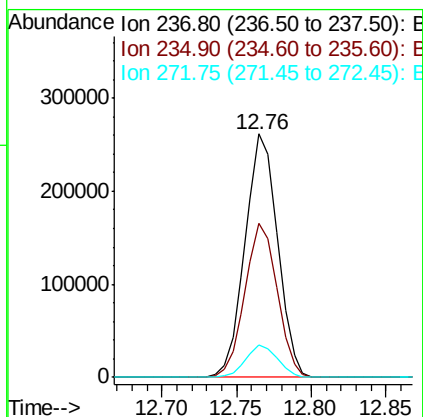
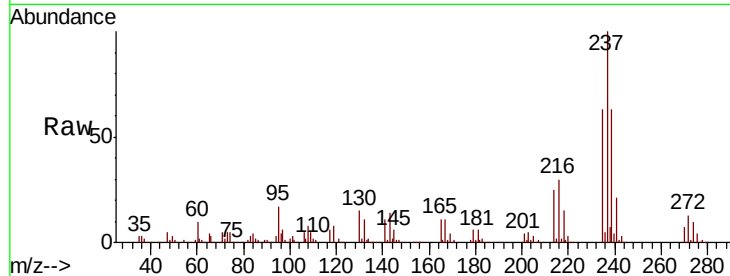
ClientSampleId :

PB130619BS

Tot Ion:	237	Resp:	394133
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.3	82.3
272	13.2	0.0	32.7

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



#42

2,4,6-Tribromophenol

Concen: 101.246 ng

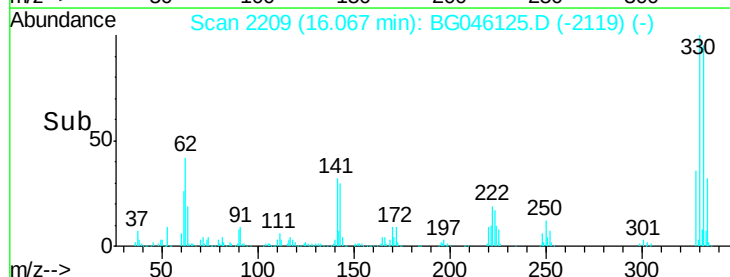
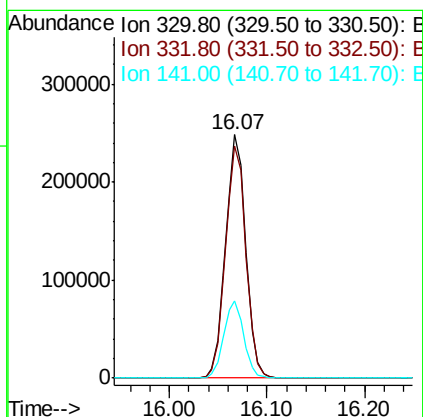
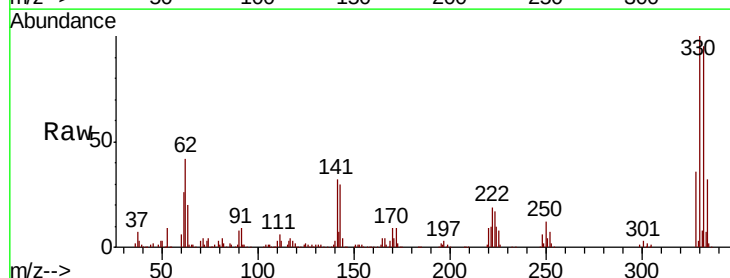
RT: 16.07 min Scan# 2209

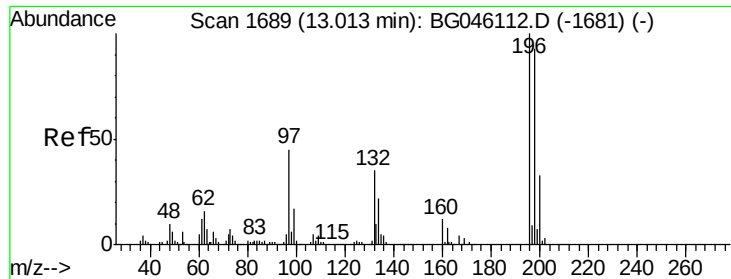
Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tgt Ion:	330	Resp:	355934
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.4	116.2
141	31.5	23.4	35.0





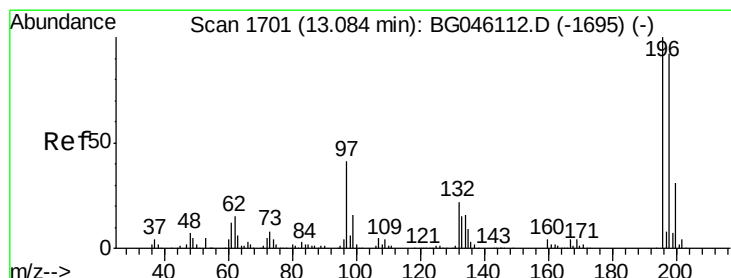
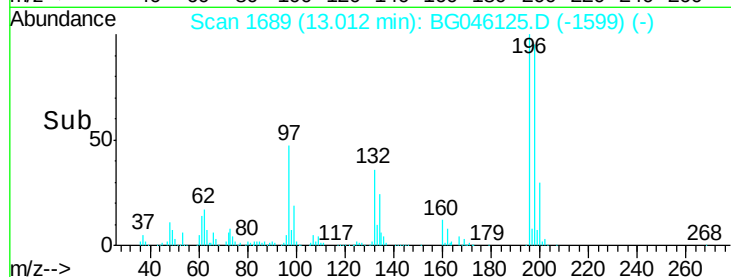
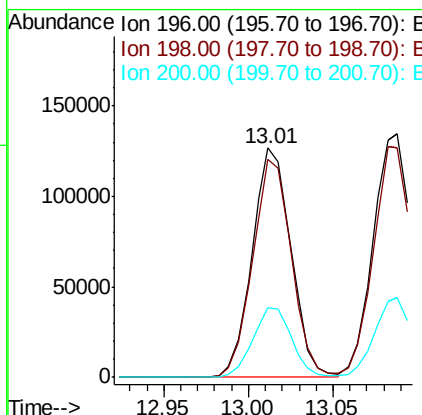
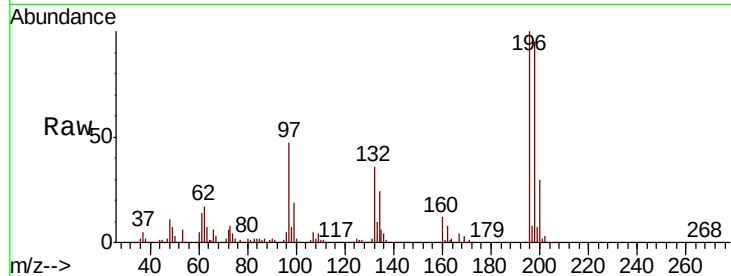
#43
2,4,6-Trichlorophenol
Concen: 38.494 ng
RT: 13.01 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202528		
198	95.3	74.2	111.4	
200	30.4	26.0	39.0	

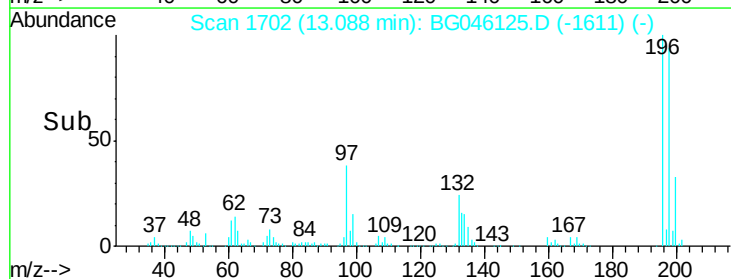
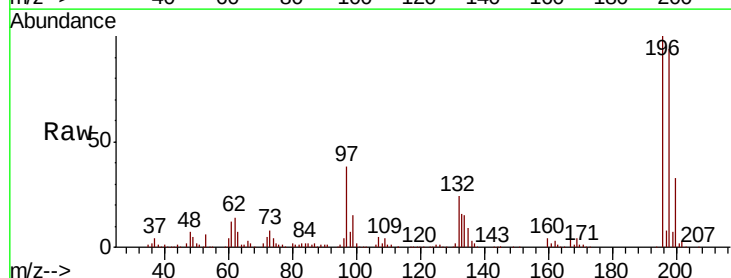
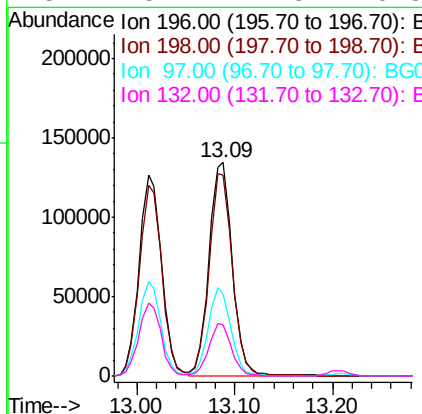
Manual Integrations
APPROVED

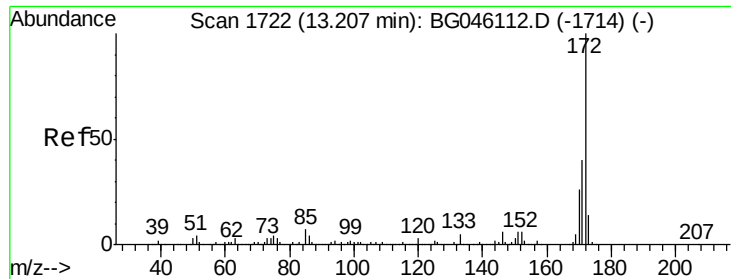
mohammad
8/3/2020 12:22:17 PM



#44
2,4,5-Trichlorophenol
Concen: 38.707 ng
RT: 13.09 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222201		
198	94.1	73.9	110.9	
97	38.2	32.7	49.1	
132	23.7	17.8	26.8	





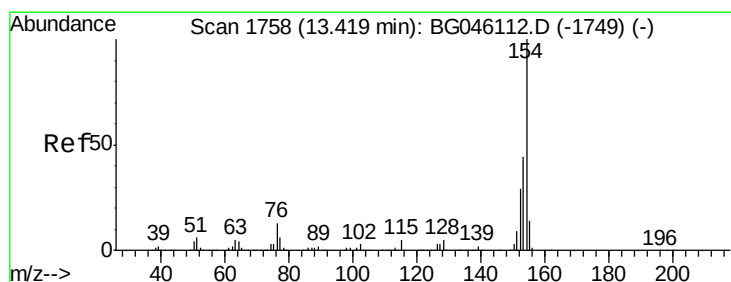
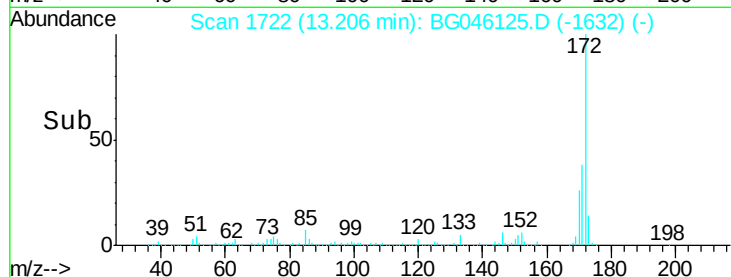
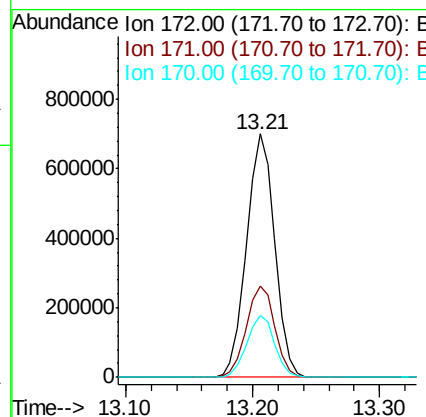
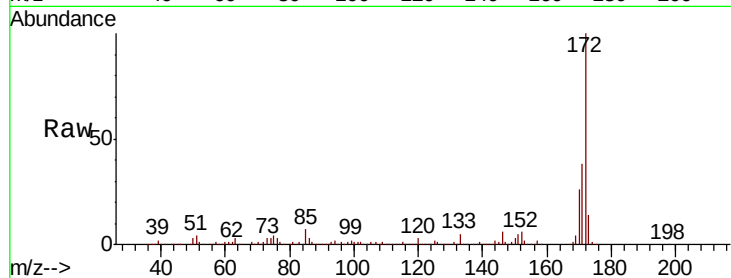
#45
2-Fluorobiphenyl
Concen: 68.458 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.7	47.5
170	25.5	20.9	31.3

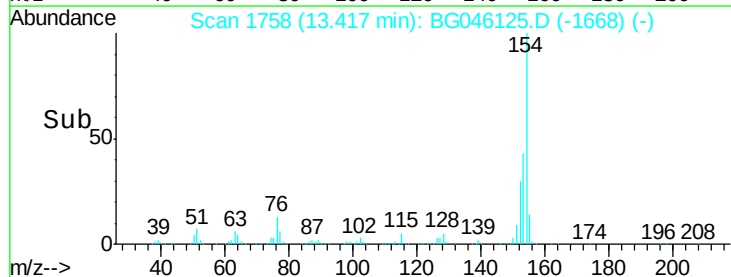
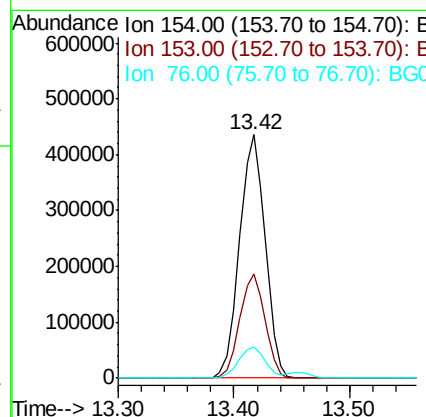
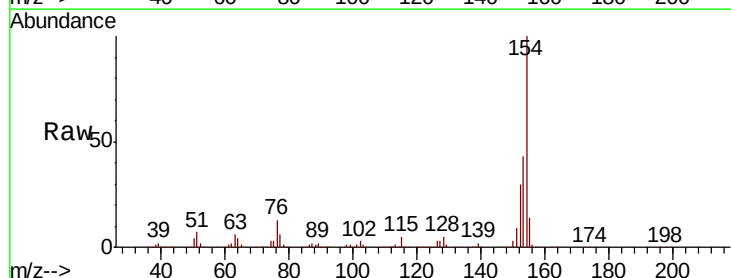
Manual Integrations
APPROVED

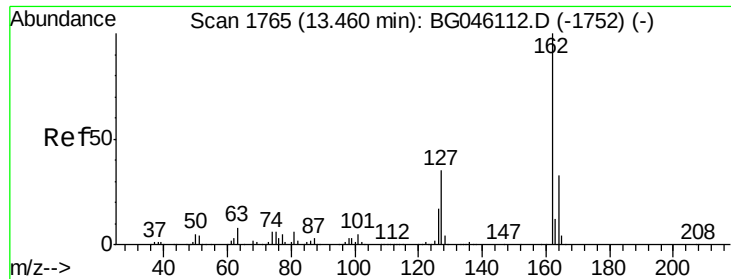
mohammad
8/3/2020 12:22:17 PM



#46
1,1'-Biphenyl
Concen: 37.204 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	23.7	63.7
76	12.8	0.0	32.9





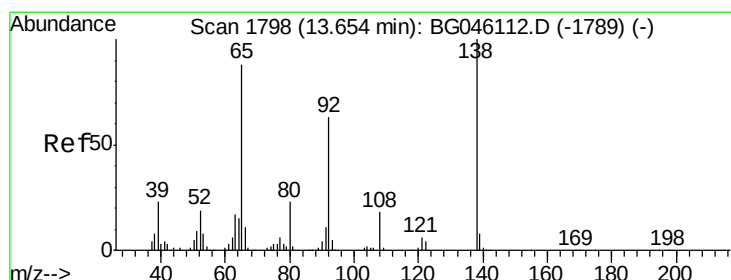
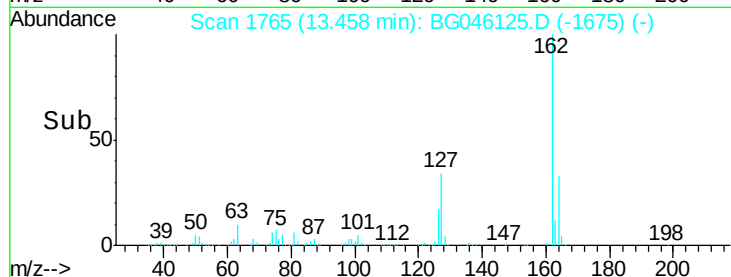
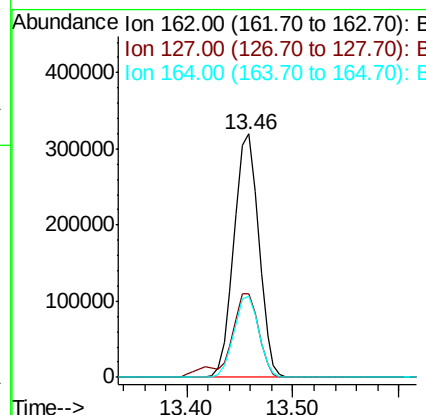
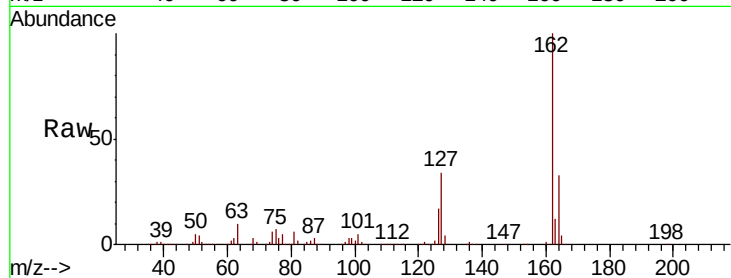
#47
2-Chloronaphthalene
Concen: 36.201 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	28.0	42.0
164	33.4	26.5	39.7

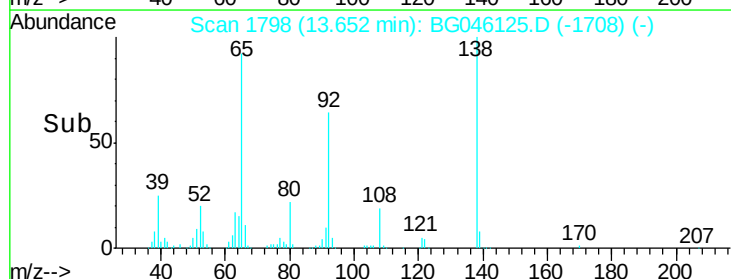
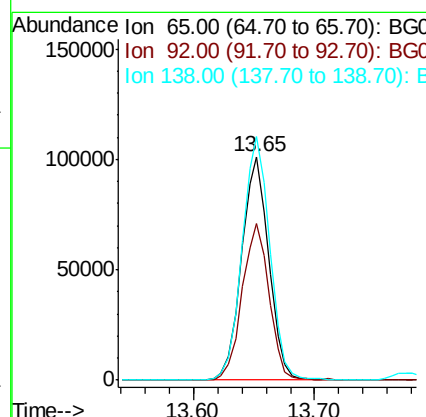
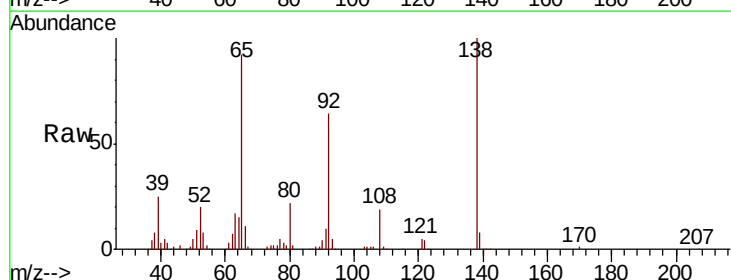
Manual Integrations
APPROVED

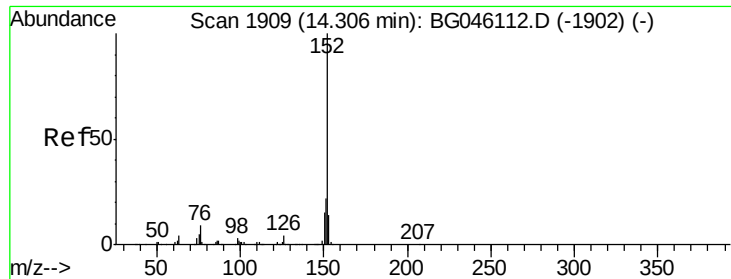
mohammad
8/3/2020 12:22:17 PM



#48
2-Nitroaniline
Concen: 42.536 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	57.4	86.2
138	109.1	91.1	136.7





#49

Acenaphthylene

Concen: 37.873 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

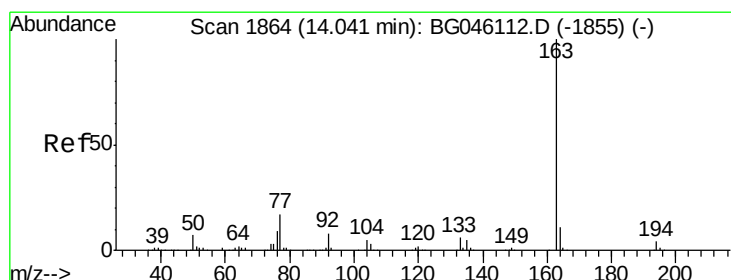
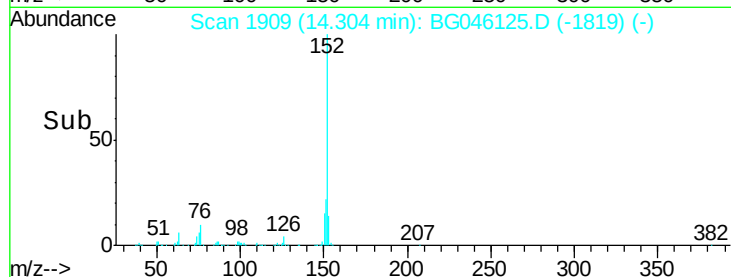
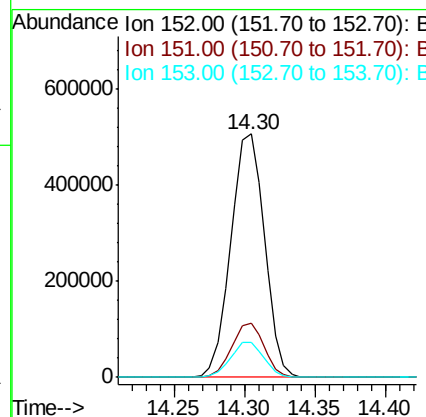
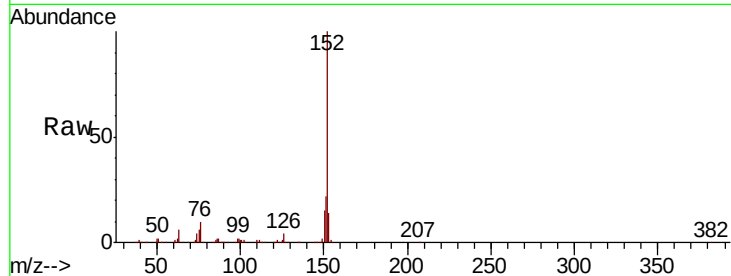
ClientSampleId :

PB130619BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.4	26.2
153	14.2	10.9	16.3

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



#50

Dimethylphthalate

Concen: 39.090 ng

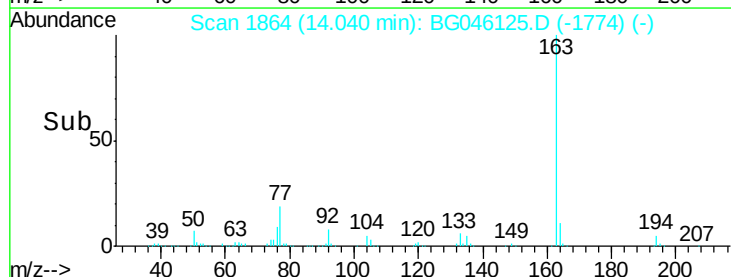
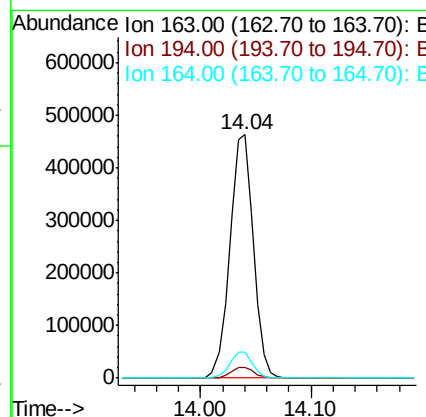
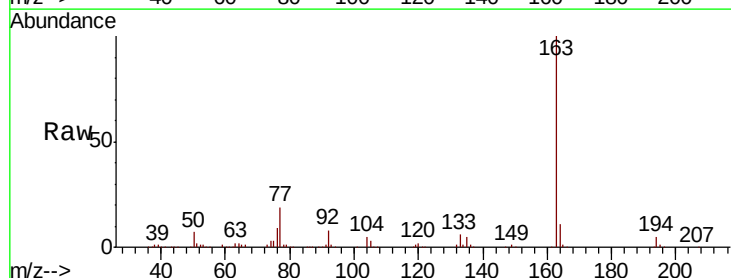
RT: 14.04 min Scan# 1864

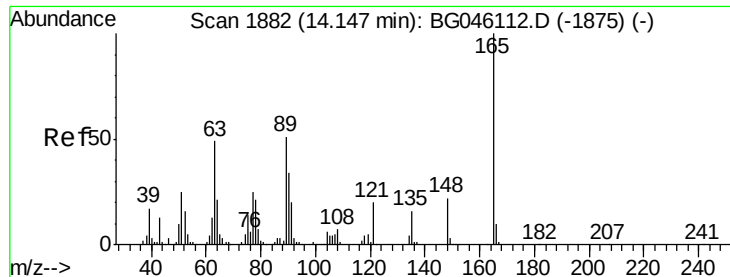
Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.6	8.8	13.2





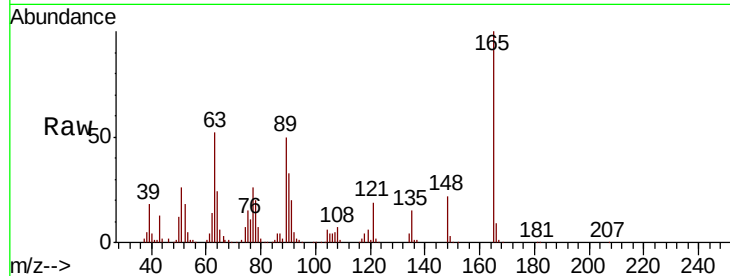
#51
2,6-Dinitrotoluene
Concen: 38.149 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

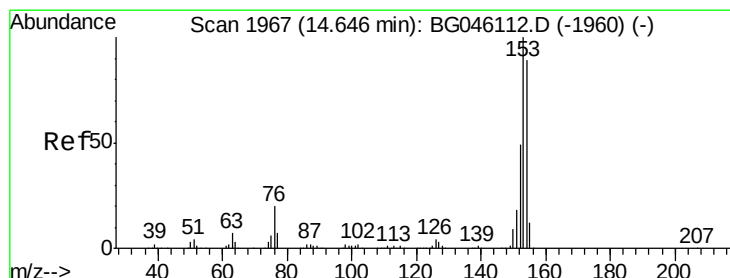
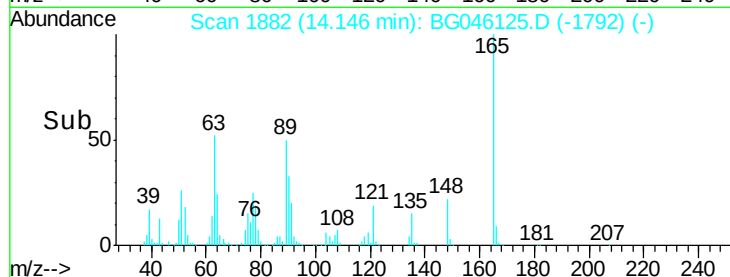
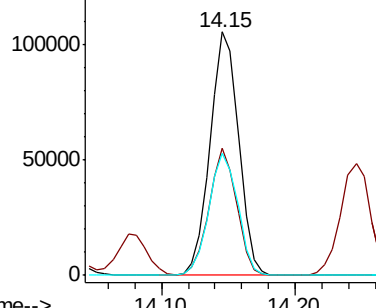
Tot Ion:	165	Resp:	155968
Ion Ratio	Lower	Upper	
165	100		
63	52.3	39.7	59.5
89	50.0	41.0	61.6

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM

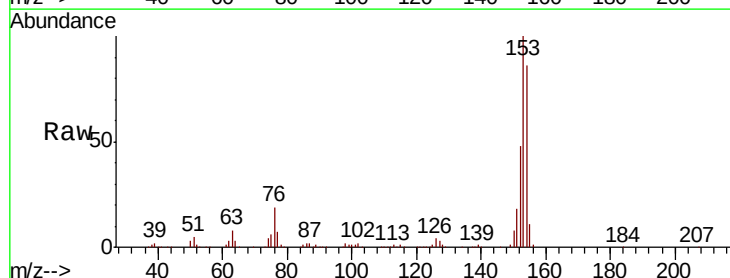


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

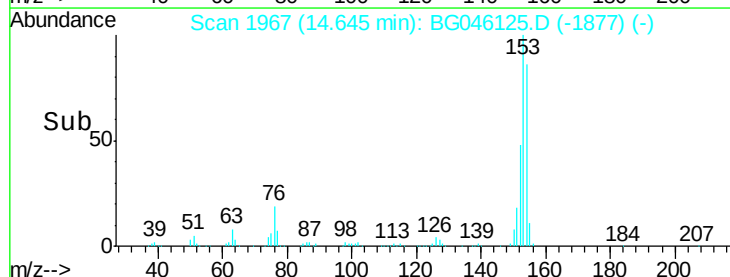
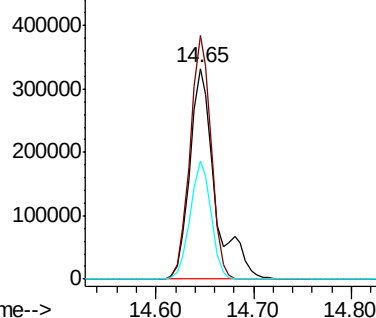


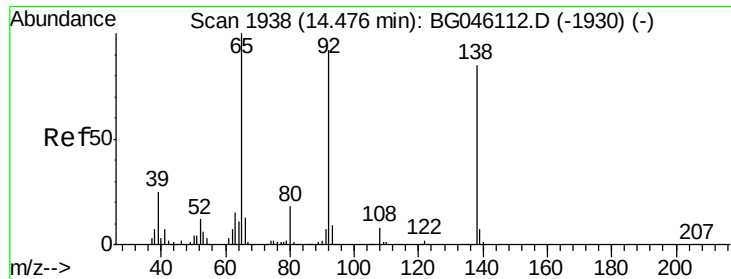
#52
Acenaphthene
Concen: 40.920 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion:	154	Resp:	600601
Ion Ratio	Lower	Upper	
154	100		
153	115.7	89.8	134.8
152	55.9	44.5	66.7



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





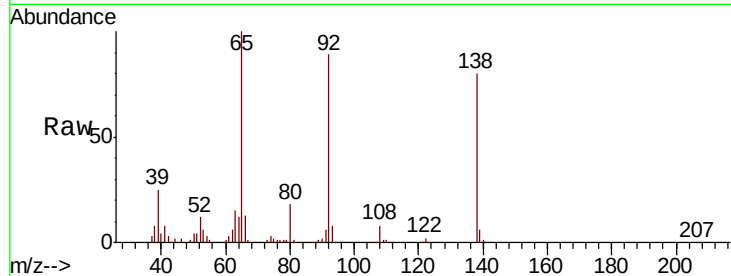
#53
3-Nitroaniline
Concen: 24.714 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

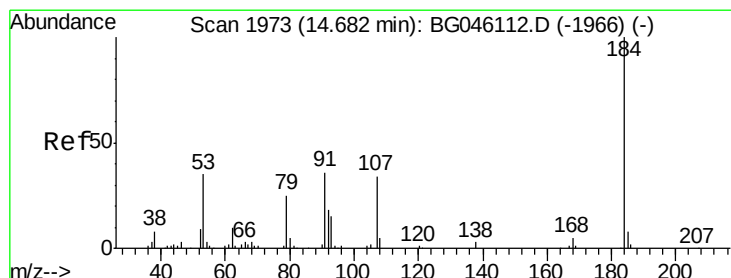
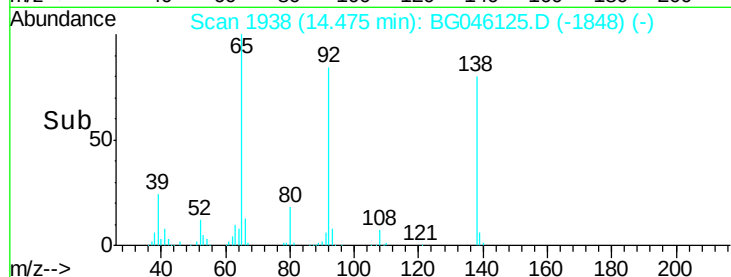
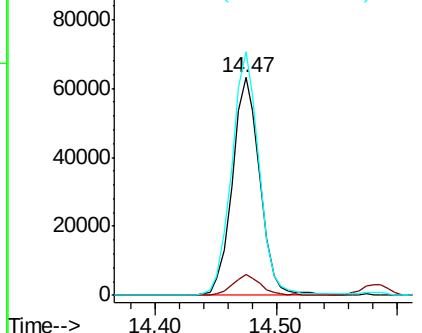
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.2	10.8
92	111.7	87.5	131.3

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM

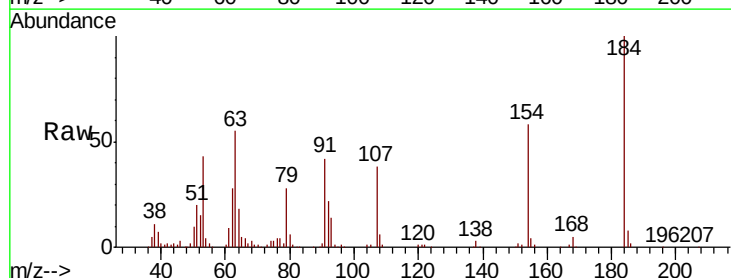


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

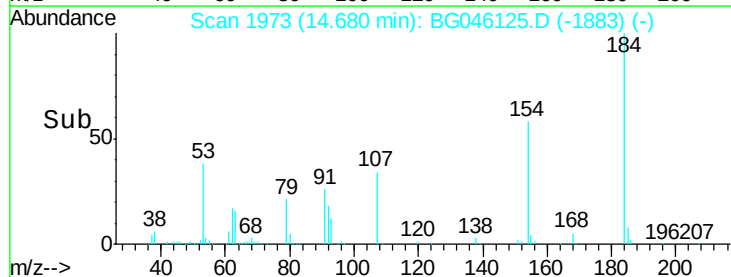
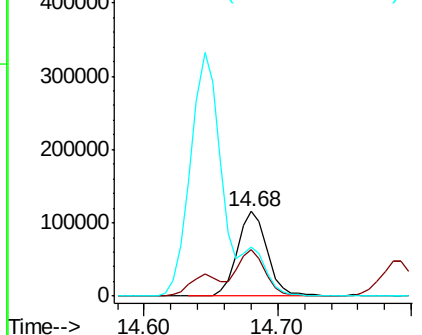


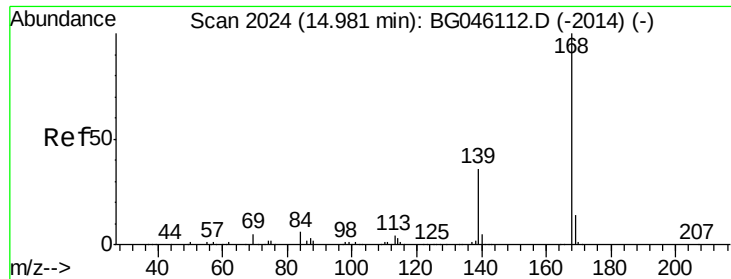
#54
2,4-Dinitrophenol
Concen: 70.020 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.4	36.7	55.1#
154	57.8	41.3	61.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





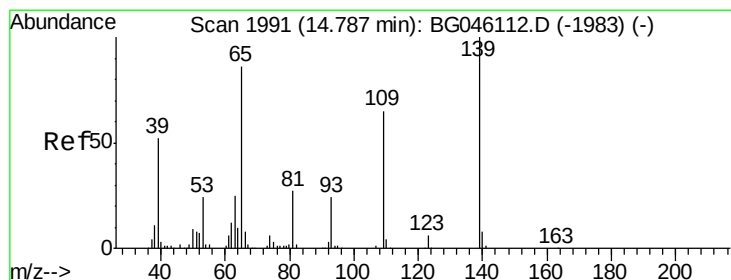
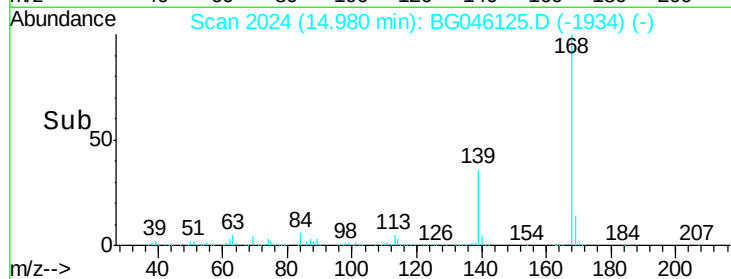
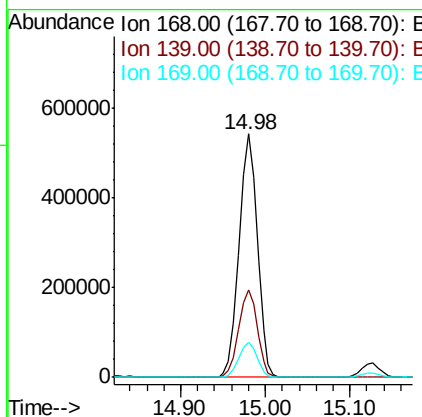
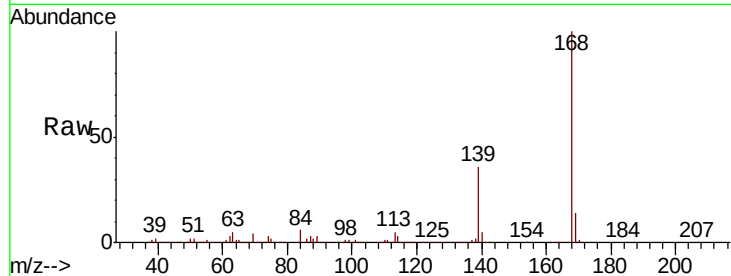
#55
Dibenzenofuran
Concen: 36.281 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	29.0	43.4
169	14.3	11.3	16.9

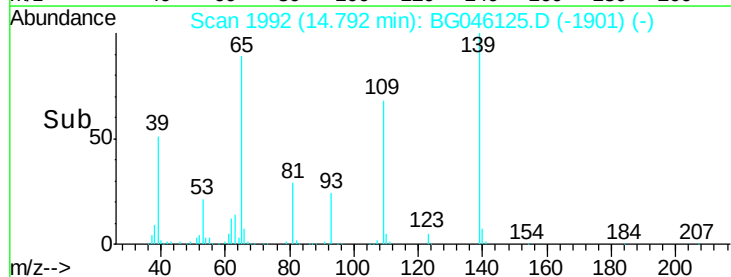
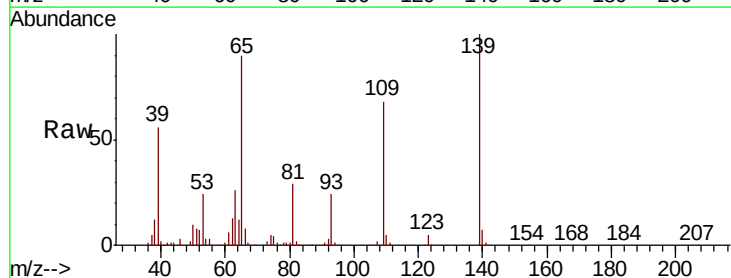
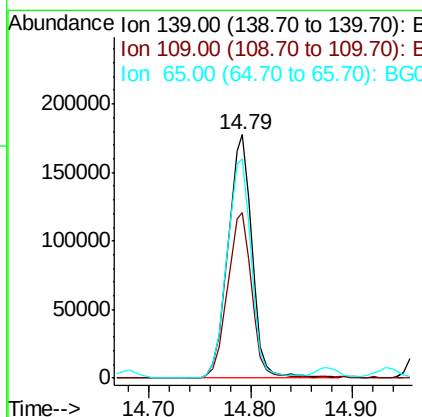
Manual Integrations
APPROVED

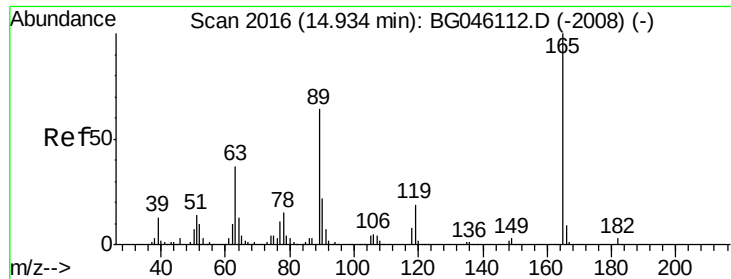
mohammad
8/3/2020 12:22:17 PM



#56
4-Nitrophenol
Concen: 82.786 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.8	45.1	85.1
65	89.9	66.4	106.4





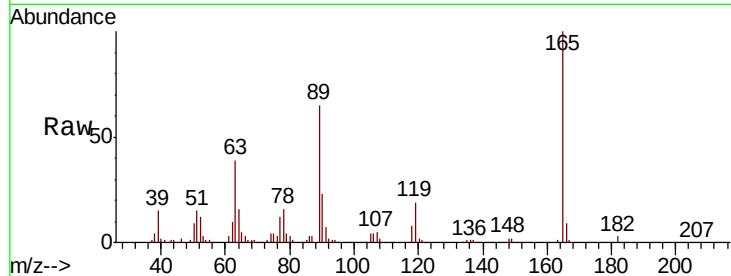
#57
2,4-Dinitrotoluene
Concen: 40.113 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

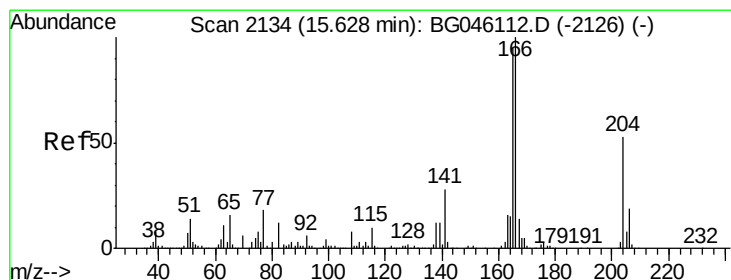
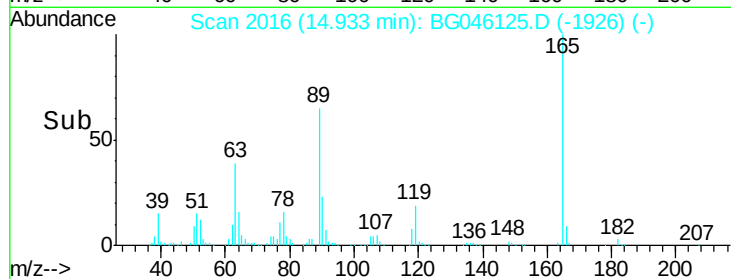
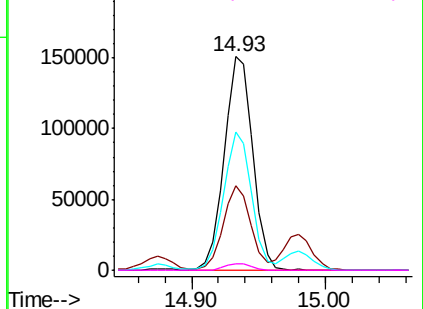
Tot Ion	Ratio	Resp	Lower	Upper
165	100	225479		
63	39.5		30.1	45.1
89	64.7		51.4	77.2
182	3.3		2.3	3.5

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



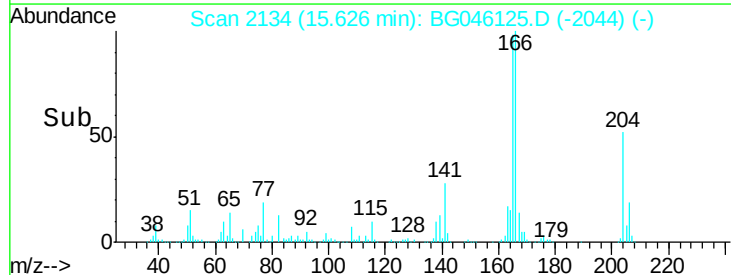
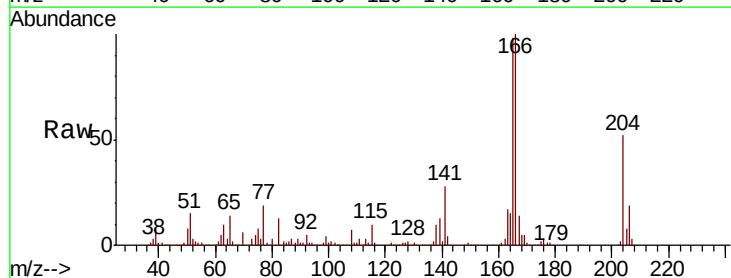
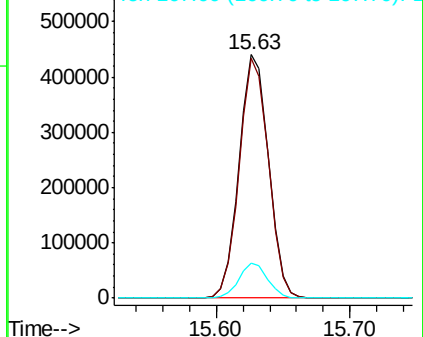
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

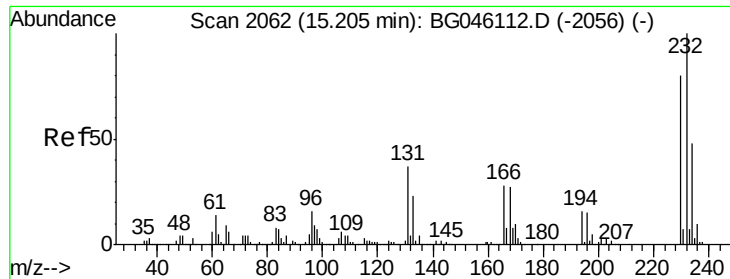


#58
Fluorene
Concen: 37.292 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	668857		
165	98.3		76.3	114.5
167	14.4		11.0	16.6

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





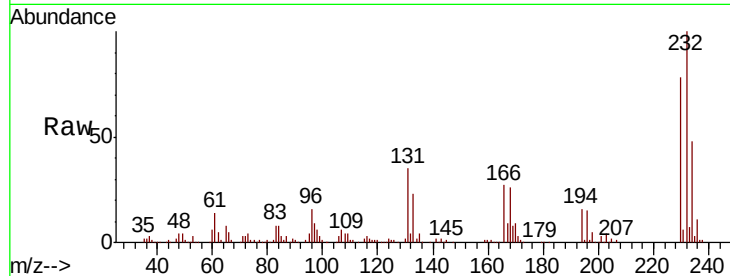
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.807 ng
RT: 15.21 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

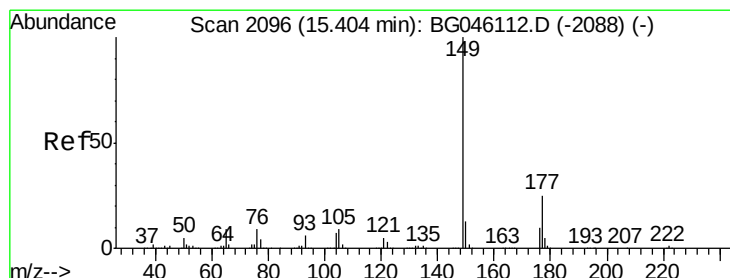
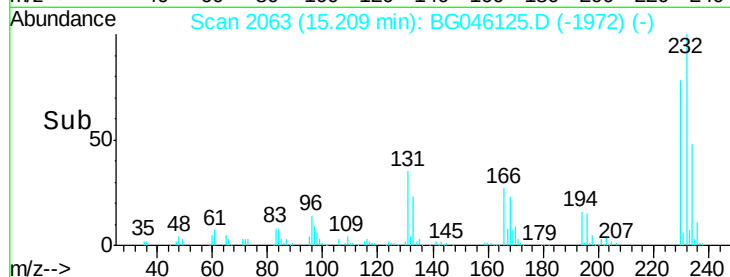
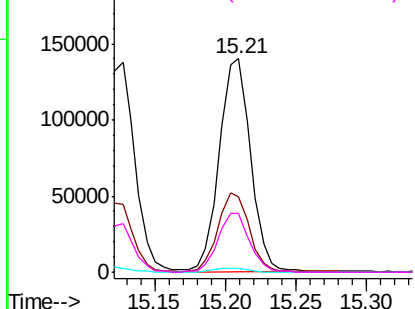
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		215244		
131	37.8	28.6	42.8		
130	2.1	1.6	2.4		
166	28.4	22.5	33.7		

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM

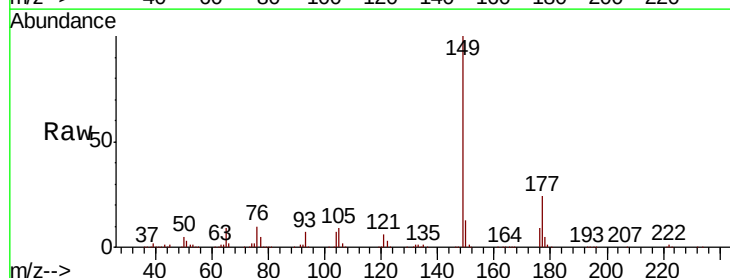


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

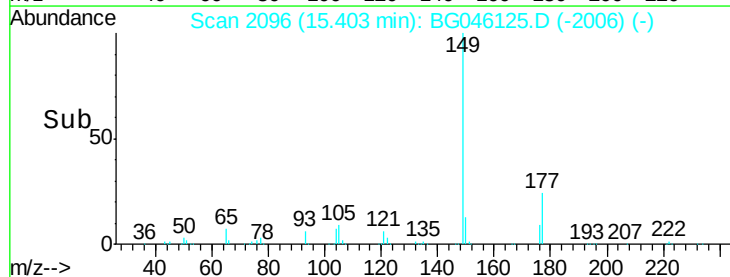
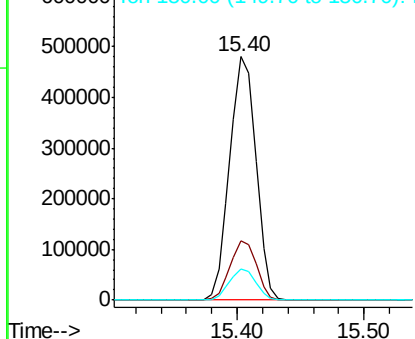


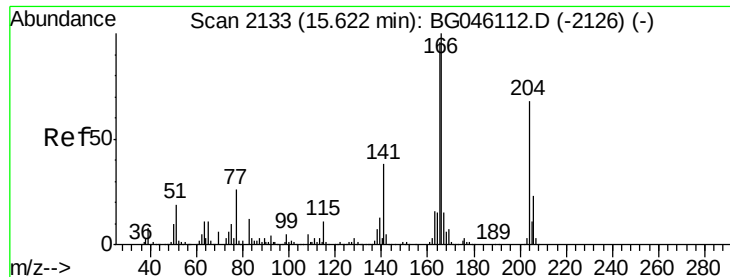
#60
Diethylphthalate
Concen: 39.945 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		690290		
177	24.4	19.7	29.5		
150	12.8	10.8	16.2		



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





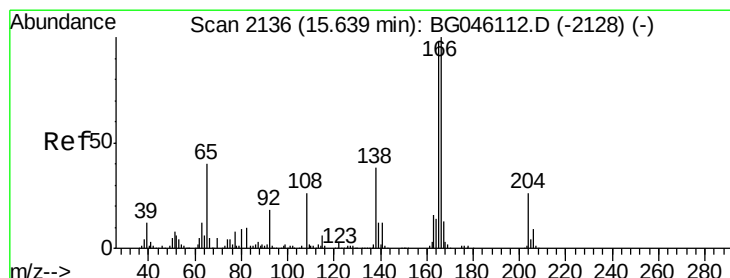
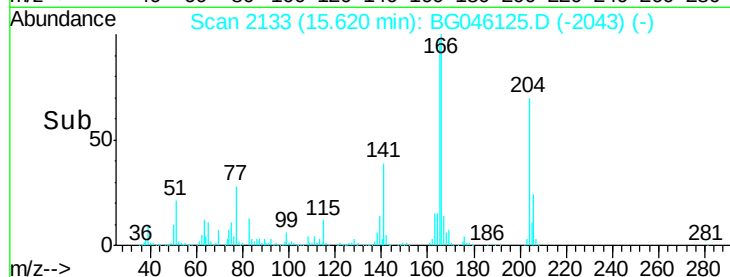
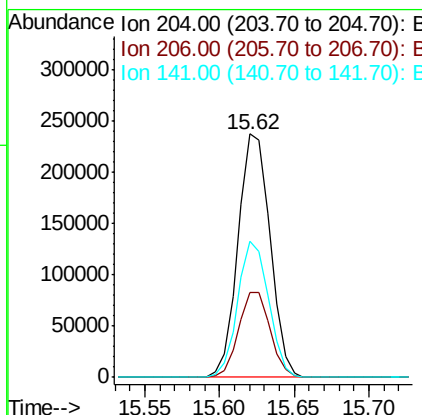
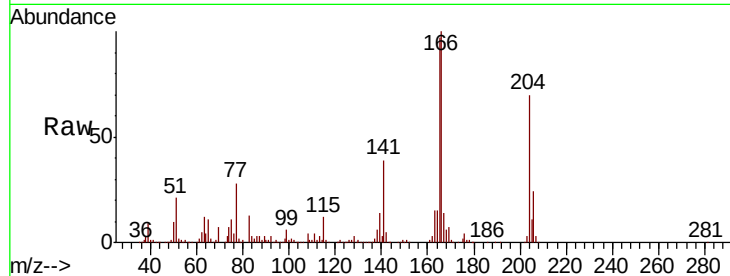
#61
4-Chlorophenyl-phenylether
Concen: 37.673 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.7	41.5
141	55.7	44.7	67.1

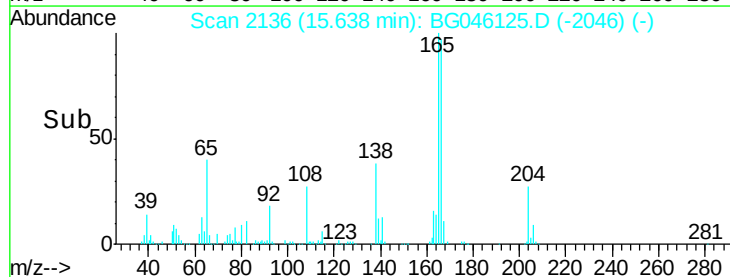
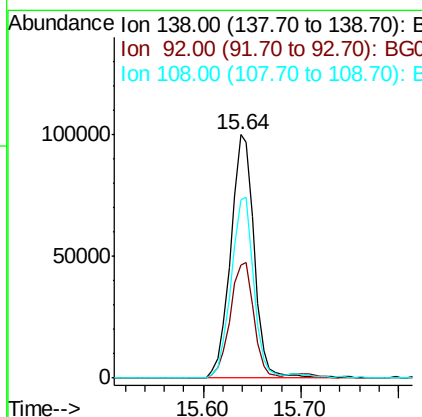
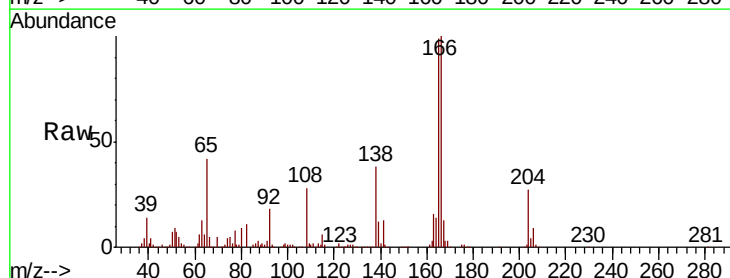
Manual Integrations
APPROVED

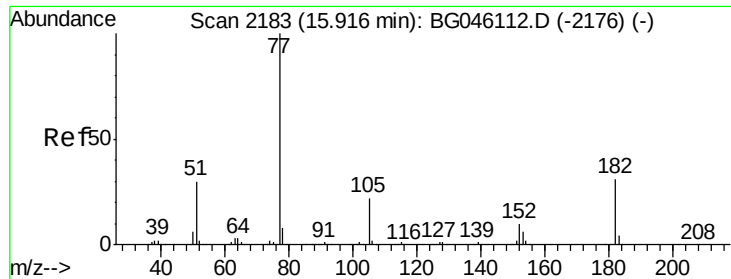
mohammad
8/3/2020 12:22:17 PM



#62
4-Nitroaniline
Concen: 40.996 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	28.3	68.3
108	73.5	49.2	89.2





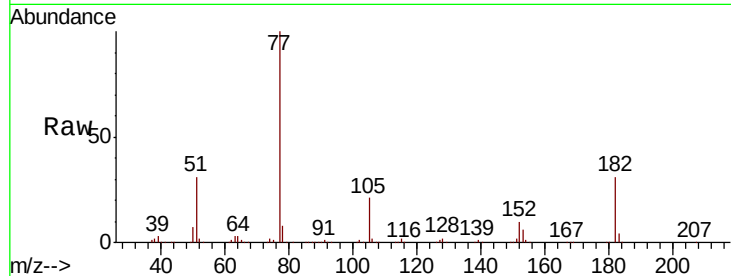
#63
Azobenzene
Concen: 38.892 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

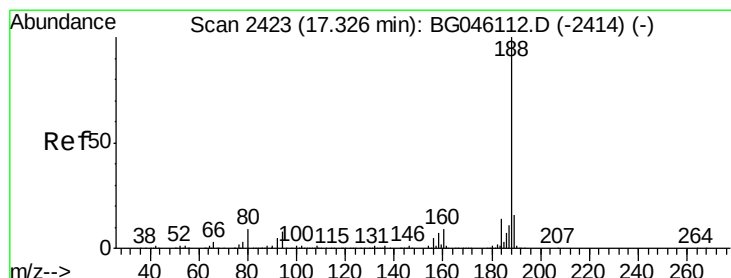
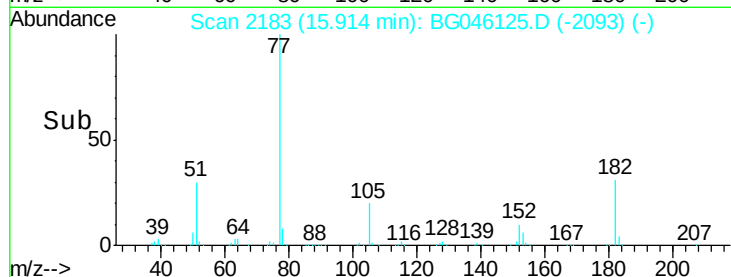
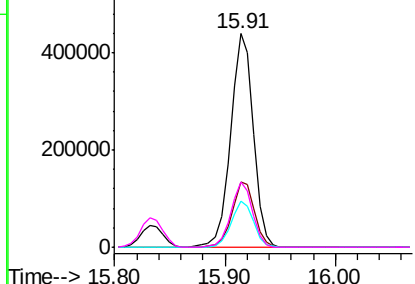
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.6	10.7	50.7	
105	21.4	1.9	41.9	
51	30.6	9.5	49.5	

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM

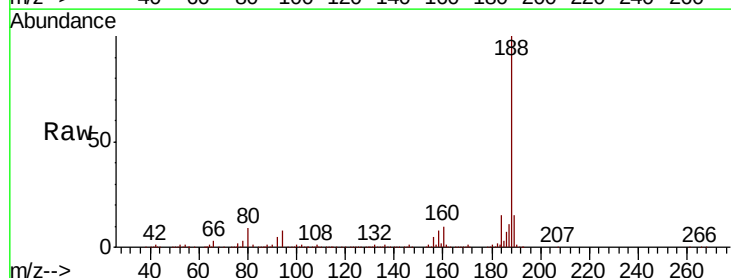


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

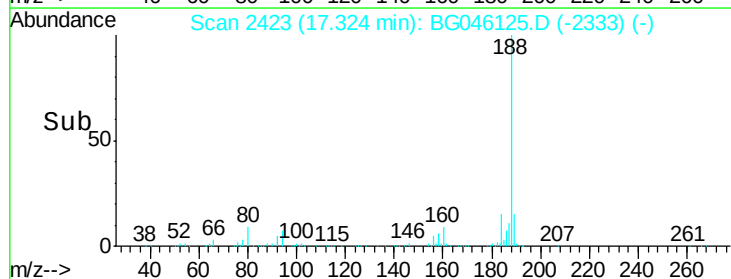
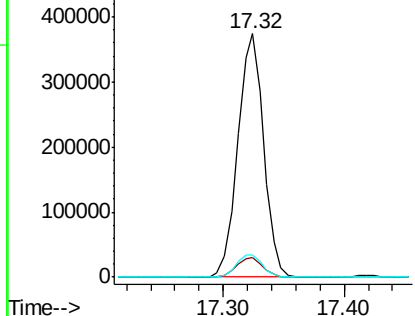


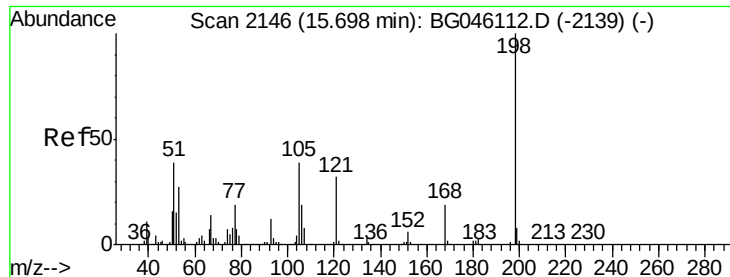
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	6.4	9.6	
80	9.1	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: 37.710 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

Tot Ion:198 Resp: 138627
Ion Ratio Lower Upper

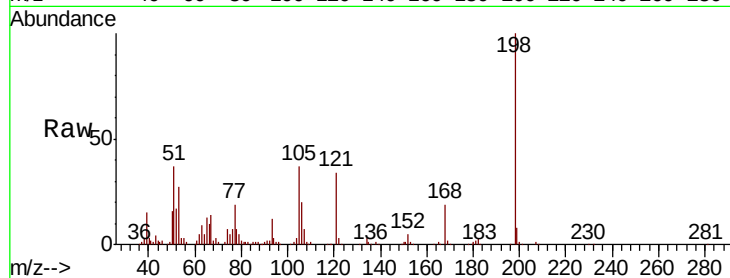
198 100

51 36.9 20.1 60.1

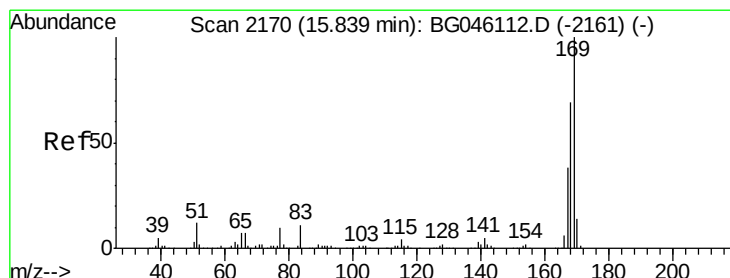
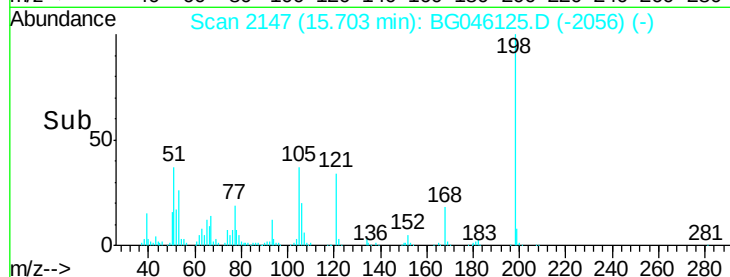
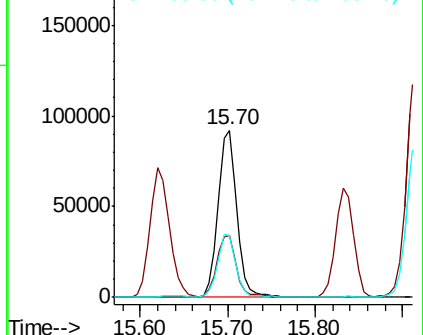
105 36.8 19.2 59.2

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



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



#66

n-Nitrosodiphenylamine

Concen: 36.464 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

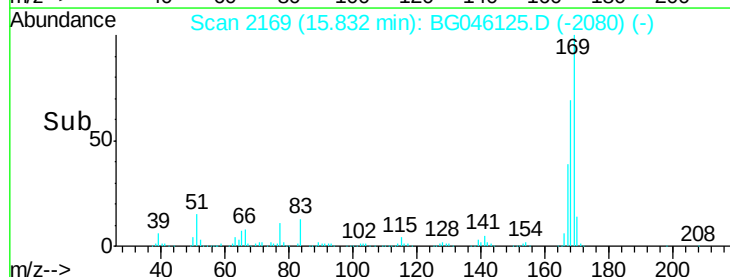
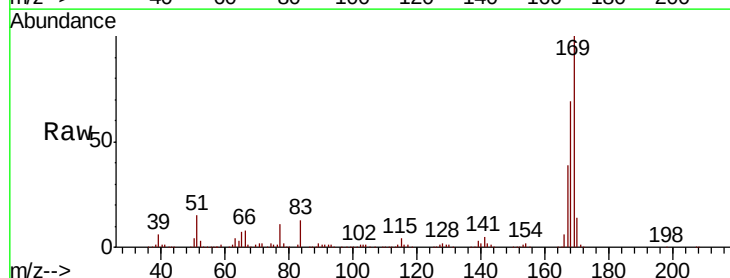
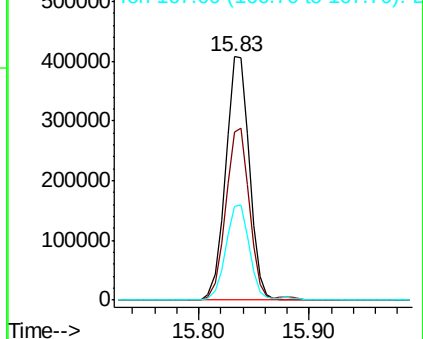
Tgt Ion:169 Resp: 613532
Ion Ratio Lower Upper

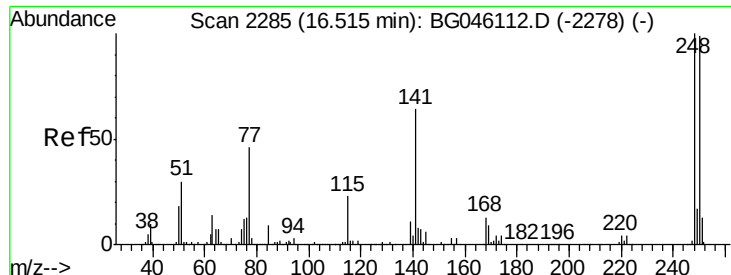
169 100

168 69.2 55.1 82.7

167 38.5 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





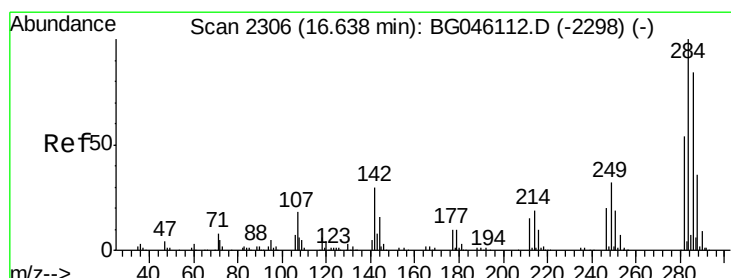
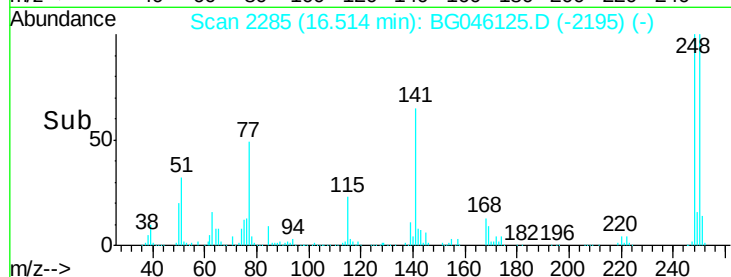
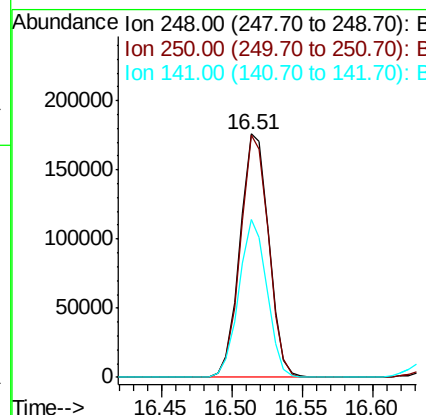
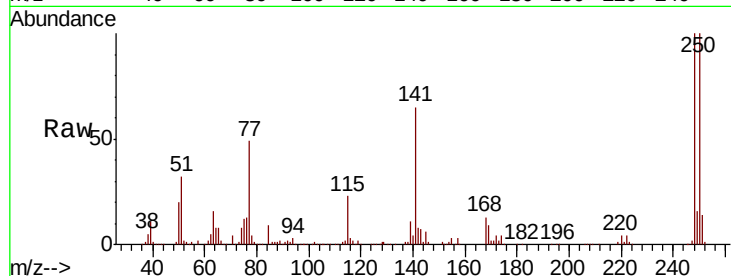
#67
 4-Bromophenyl-phenylether
 Concen: 36.389 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.4	119.0
141	64.6	50.9	76.3

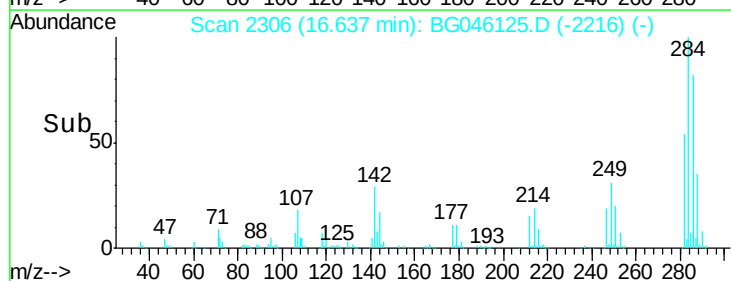
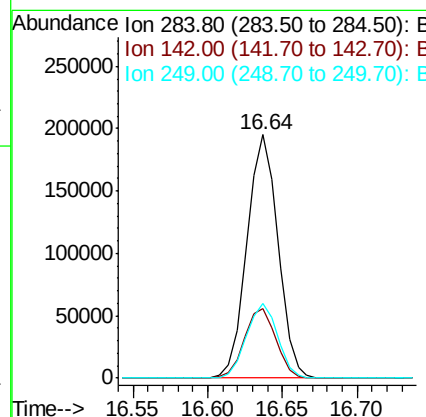
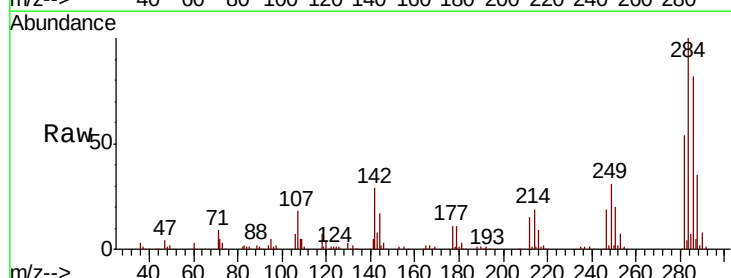
Manual Integrations
 APPROVED

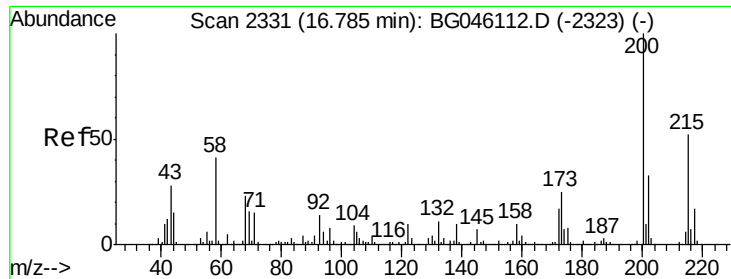
mohammad
 8/3/2020 12:22:17 PM



#68
 Hexachlorobenzene
 Concen: 36.305 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	23.6	35.4
249	30.8	25.3	37.9





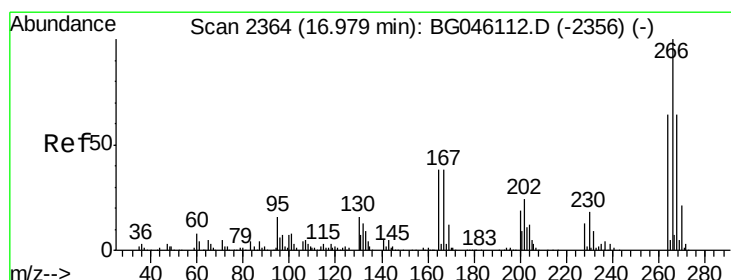
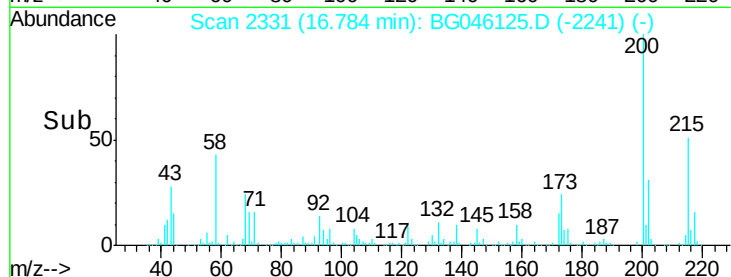
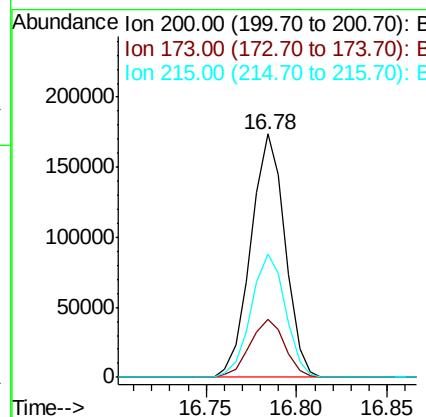
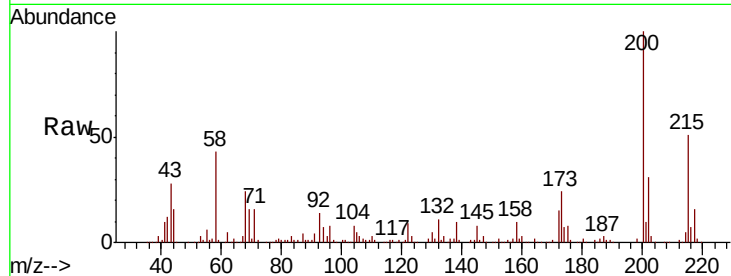
#69
 Atrazine
 Concen: 35.197 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.8	5.3	45.3
215	50.8	31.5	71.5

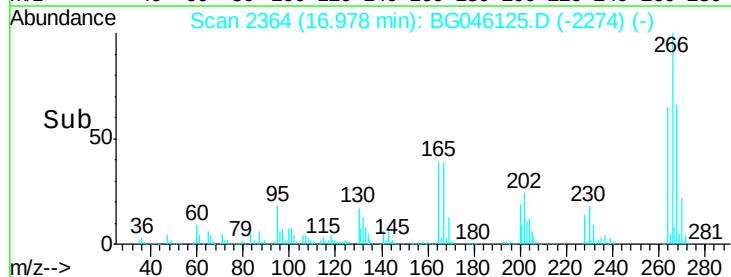
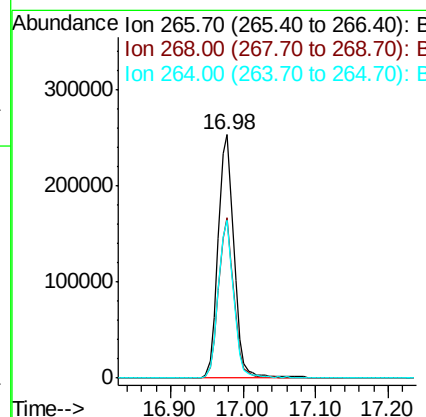
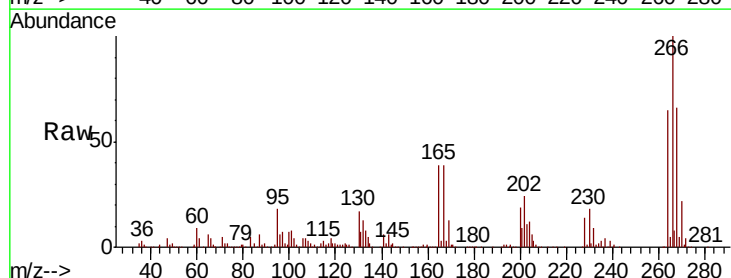
Manual Integrations
 APPROVED

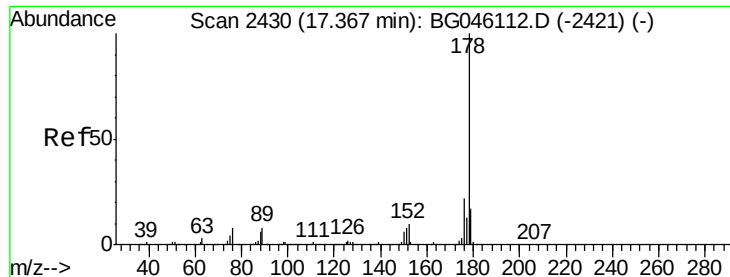
mohammad
 8/3/2020 12:22:17 PM



#70
 Pentachlorophenol
 Concen: 78.042 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.0	51.2	76.8
264	65.1	51.1	76.7





#71

Phenanthrene

Concen: 37.449 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

Tot Ion:178 Resp: 1140272

Ion Ratio Lower Upper

178 100

176 21.3 17.3 25.9

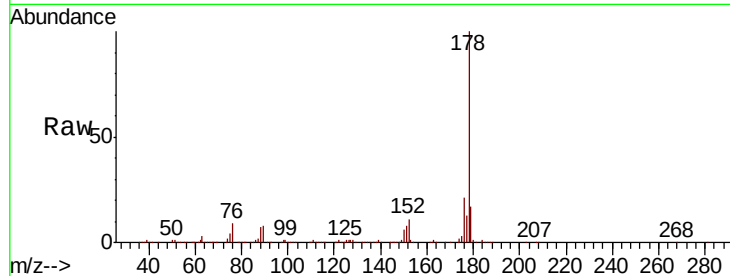
179 16.9 13.8 20.6

Manual Integrations

APPROVED

mohammad

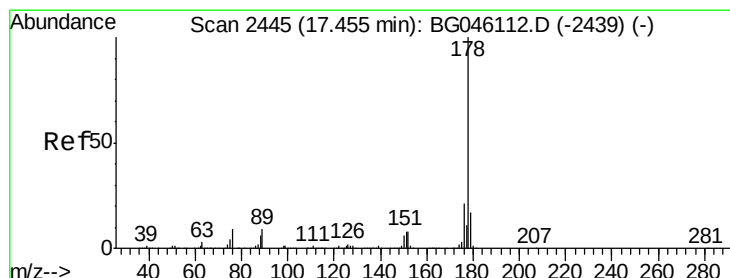
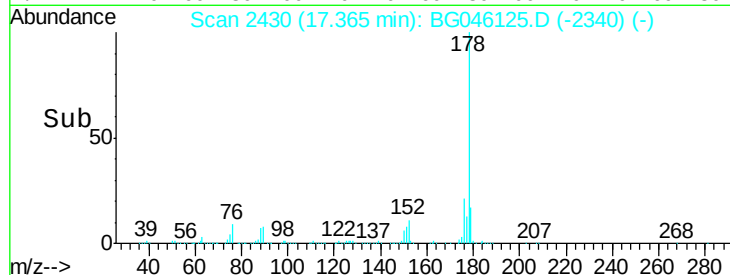
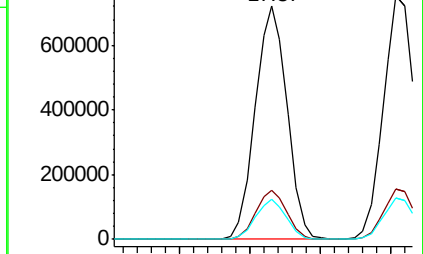
8/3/2020 12:22:17 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.417 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

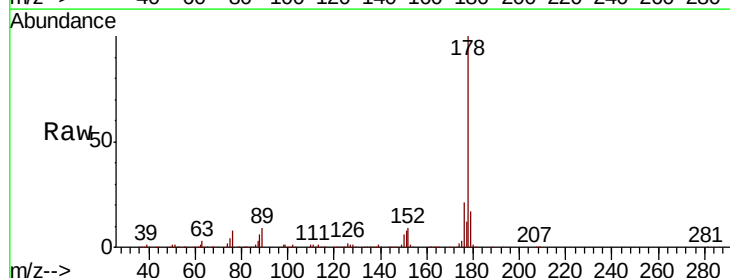
Tgt Ion:178 Resp: 1163536

Ion Ratio Lower Upper

178 100

176 20.5 16.6 24.8

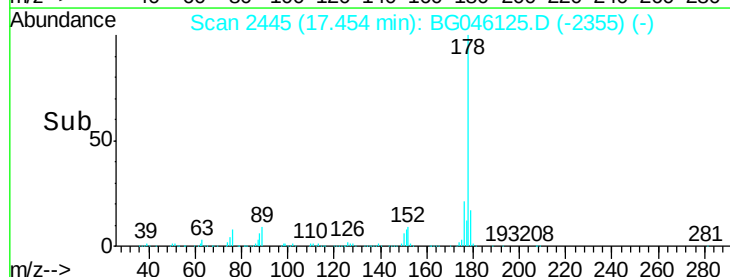
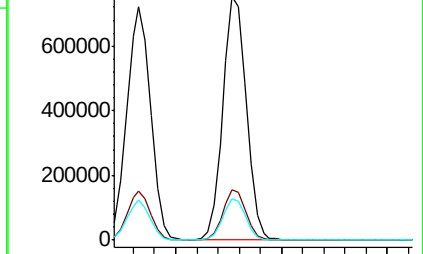
179 17.2 13.4 20.2

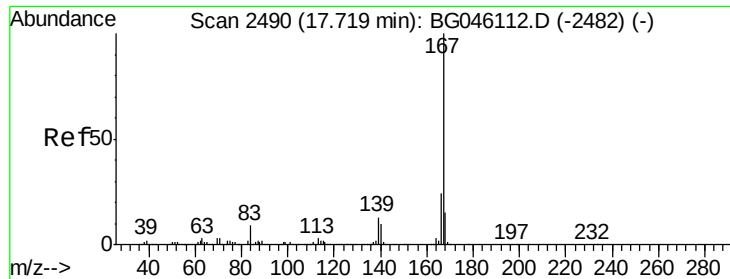


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.951 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

Tot Ion:167 Resp: 1108348

Ion Ratio Lower Upper

167 100

166 24.0 19.4 29.0

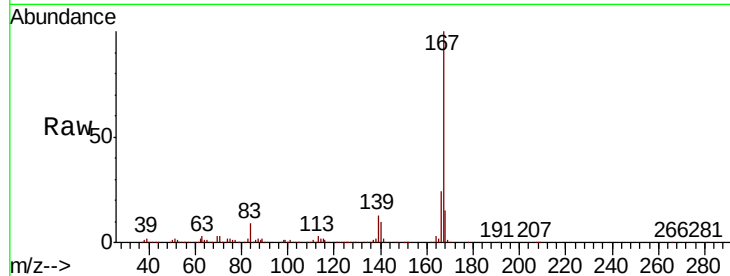
139 12.9 10.1 15.1

Manual Integrations

APPROVED

mohammad

8/3/2020 12:22:17 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.72

800000

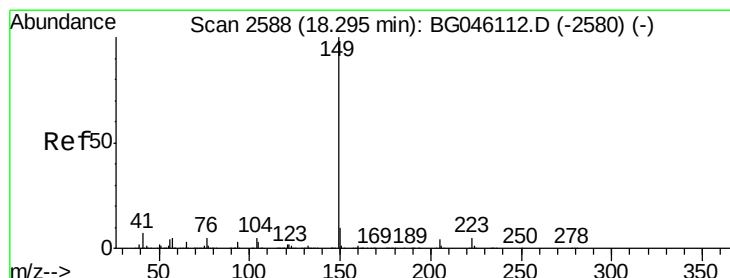
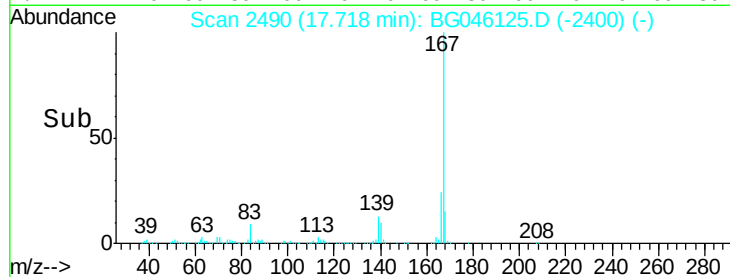
600000

400000

200000

0

Time--> 17.60 17.80



#74

Di-n-butylphthalate

Concen: 41.729 ng

RT: 18.29 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

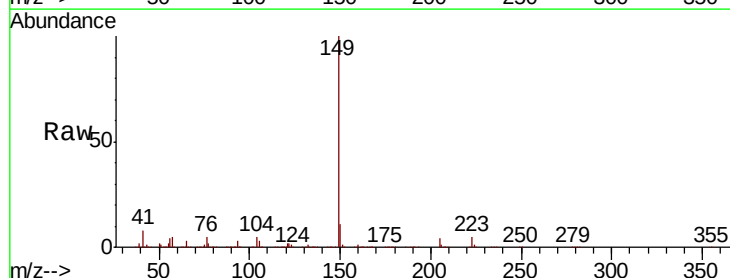
Tgt Ion:149 Resp: 1273850

Ion Ratio Lower Upper

149 100

150 10.6 8.4 12.6

104 5.5 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

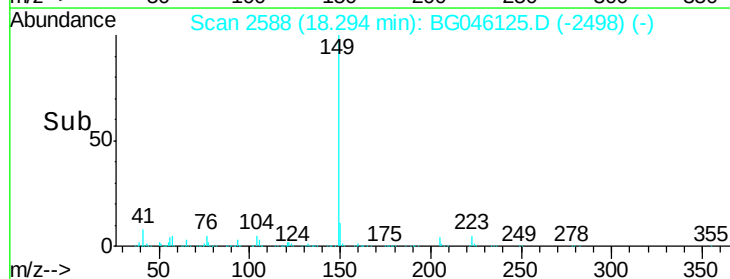
18.29

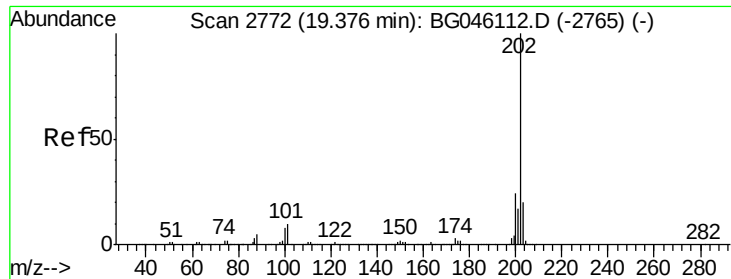
1000000

500000

0

Time--> 18.20 18.30 18.40





#75

Fluoranthene

Concen: 39.772 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

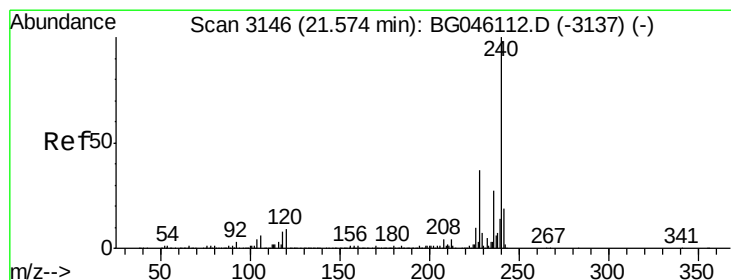
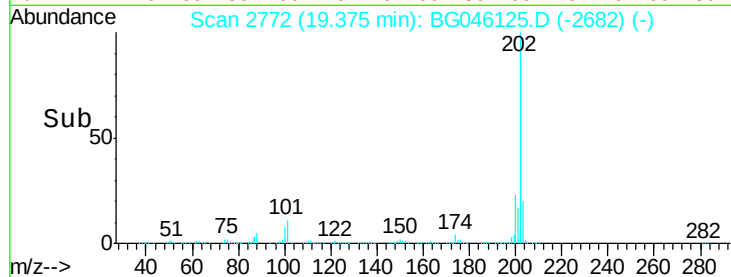
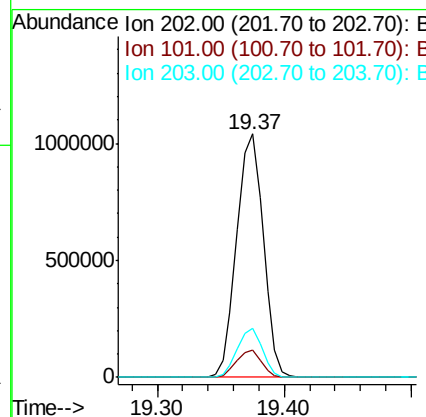
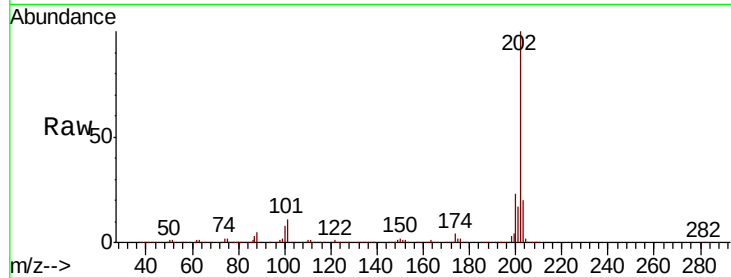
ClientSampled :

PB130619BS

Tot Ion:	202	Resp:	1511907
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.0
203	20.0	0.2	40.2

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



#76

Chrysene-d12

Concen: 20.000 ng

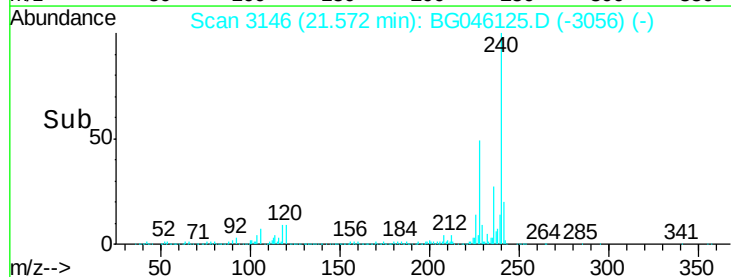
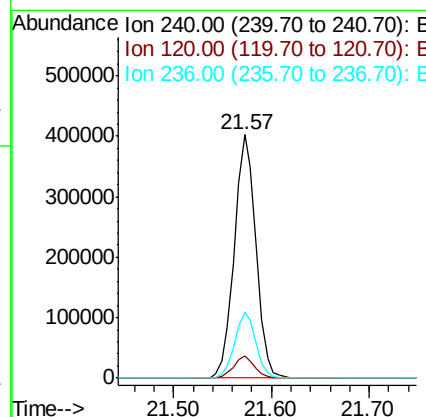
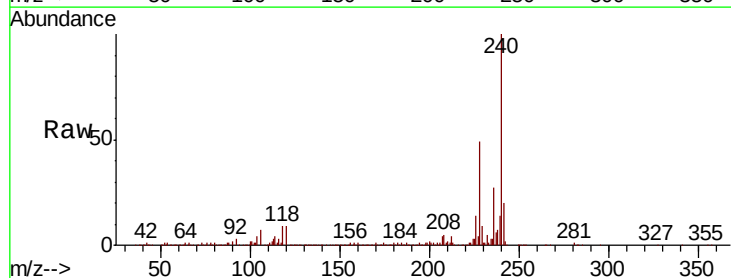
RT: 21.57 min Scan# 3146

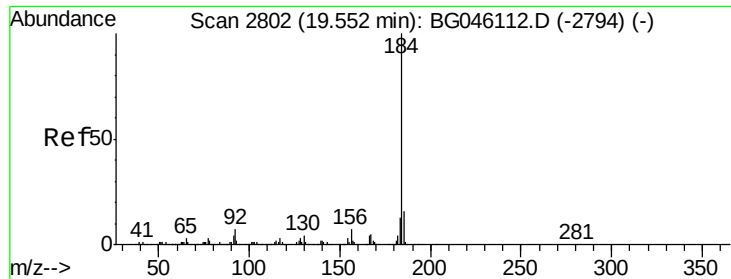
Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Tgt Ion:	240	Resp:	615531
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.1	10.7
236	27.0	21.7	32.5





#77

Benzidine

Concen: 38.535 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

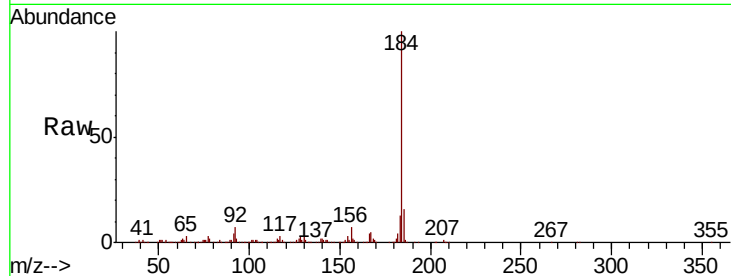
ClientSampleId :

PB130619BS

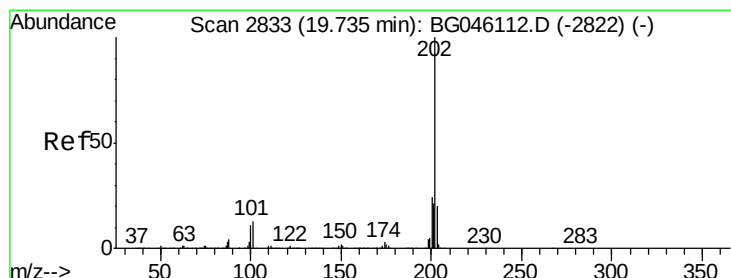
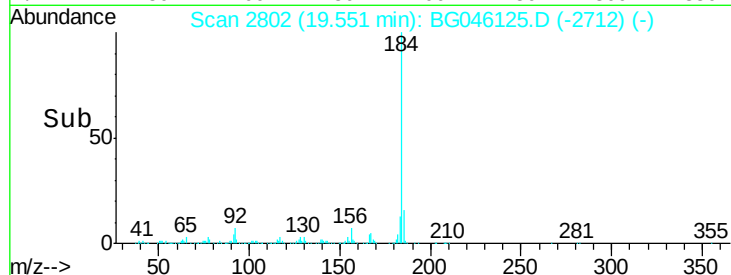
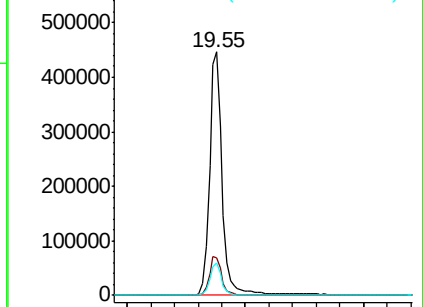
Tot Ion:	184	Resp:	671871
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.0	19.4
183	13.2	10.5	15.7

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



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



#78

Pyrene

Concen: 36.796 ng

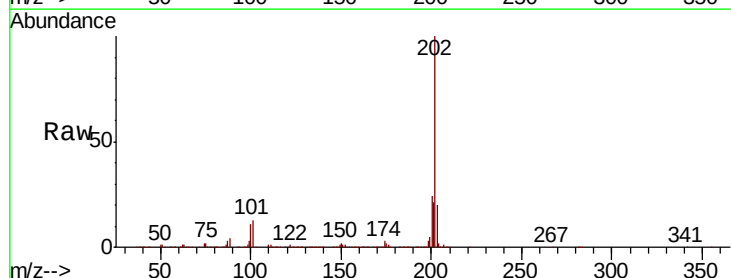
RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

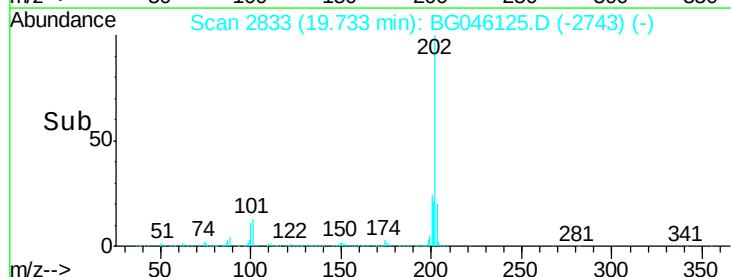
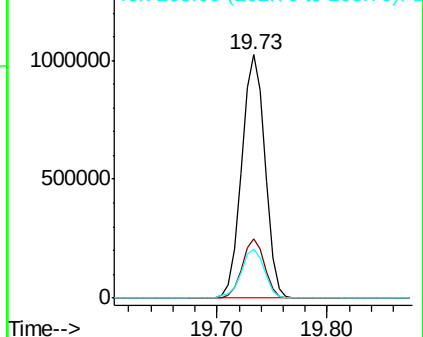
Lab File: BG046125.D

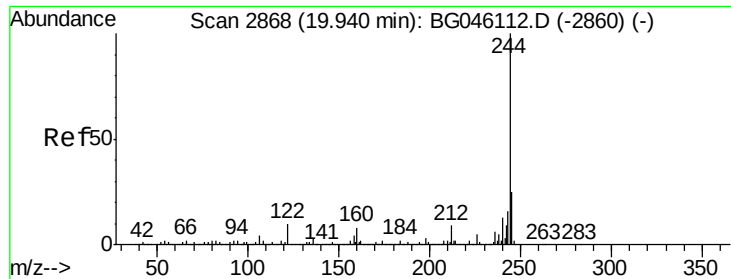
Acq: 31 Jul 2020 14:41

Tgt Ion:	202	Resp:	1521784
Ion Ratio	Lower	Upper	
202	100		
200	24.3	19.5	29.3
203	20.4	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





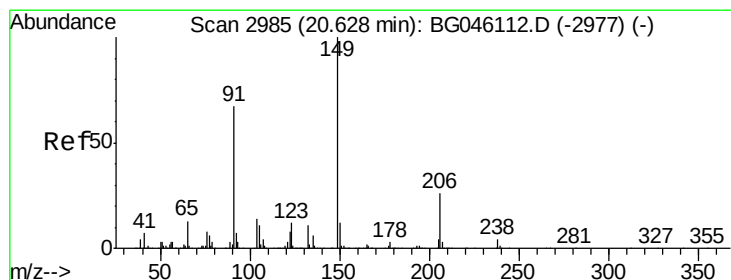
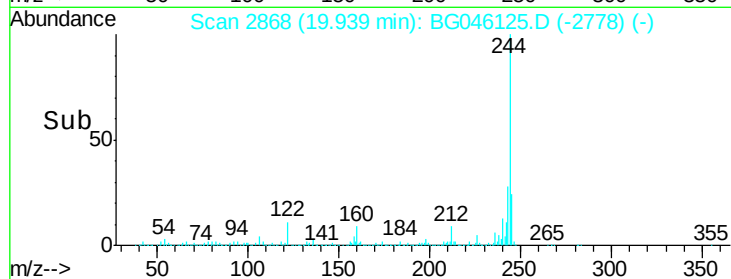
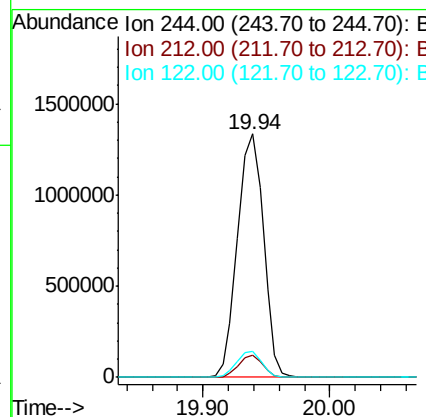
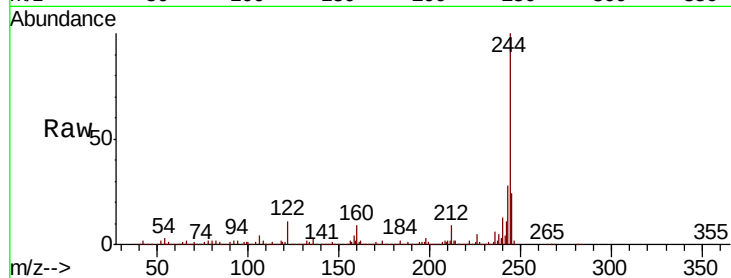
#79
 Terphenyl-d14
 Concen: 62.735 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	10.7	8.3	12.5

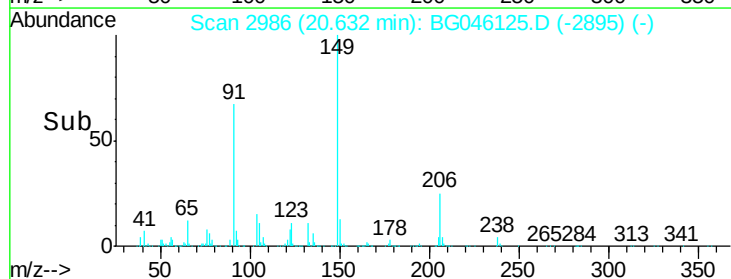
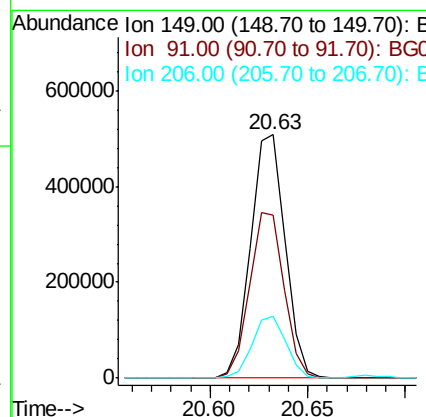
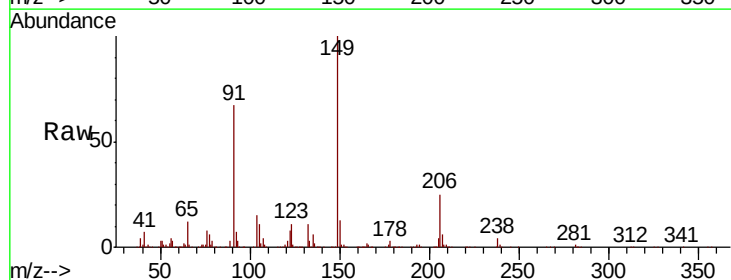
Manual Integrations
 APPROVED

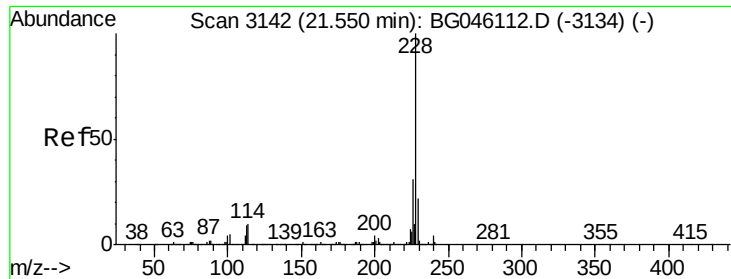
mohammad
 8/3/2020 12:22:17 PM



#80
 Butylbenzylphthalate
 Concen: 41.541 ng
 RT: 20.63 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.0	53.8	80.8
206	25.4	20.4	30.6





#81

Benzo(a)anthracene

Concen: 37.067 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

Tot Ion:228 Resp: 1526854

Ion Ratio Lower Upper

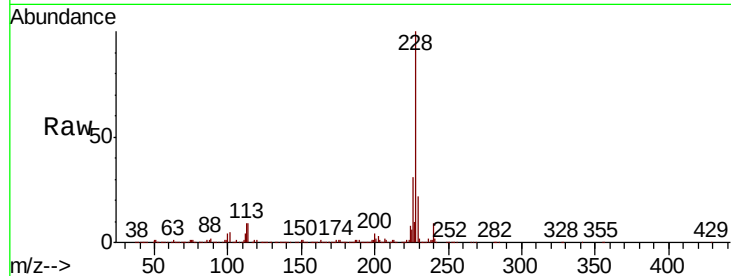
228 100

226 31.3 24.7 37.1

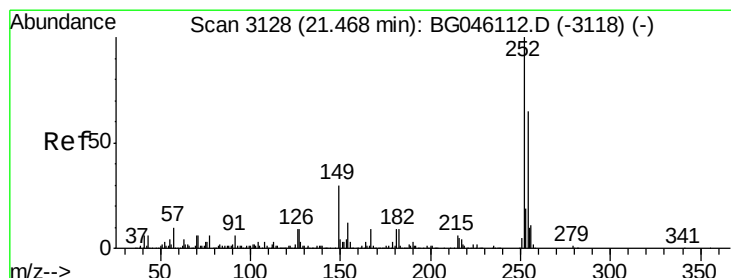
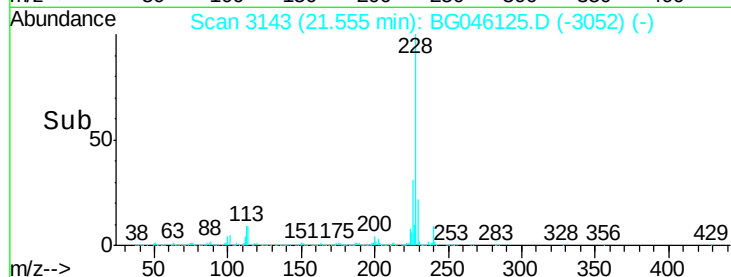
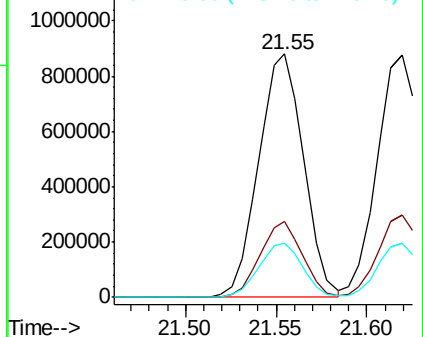
229 22.5 17.8 26.8

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



Abundance Ion 228.00 (227.70 to 228.70): E
1200000
Ion 226.00 (225.70 to 226.70): E
1000000
Ion 229.00 (228.70 to 229.70): E
800000
600000
400000
200000
0



#82

3,3'-Dichlorobenzidine

Concen: 20.895 ng

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

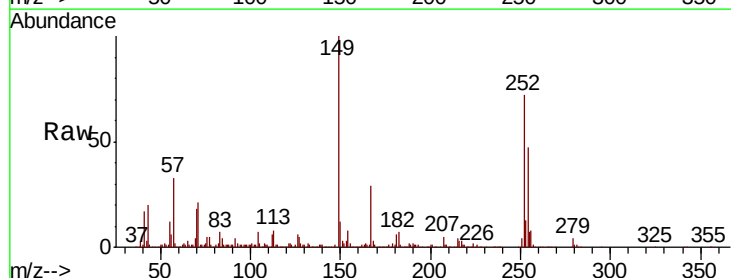
Tgt Ion:252 Resp: 357424

Ion Ratio Lower Upper

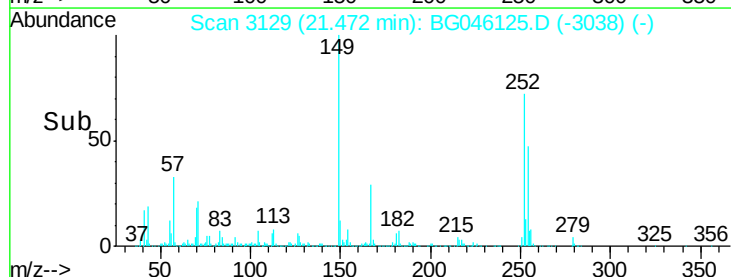
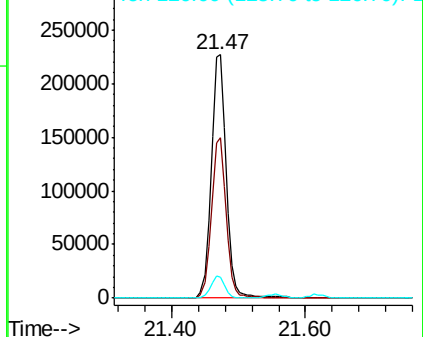
252 100

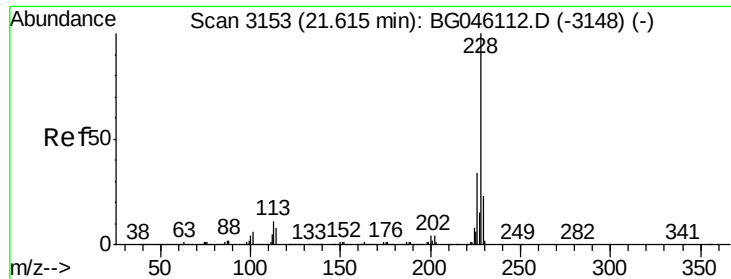
254 66.0 51.8 77.8

126 8.4 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E
300000
Ion 254.00 (253.70 to 254.70): E
250000
Ion 126.00 (125.70 to 126.70): E
200000
150000
100000
50000
0





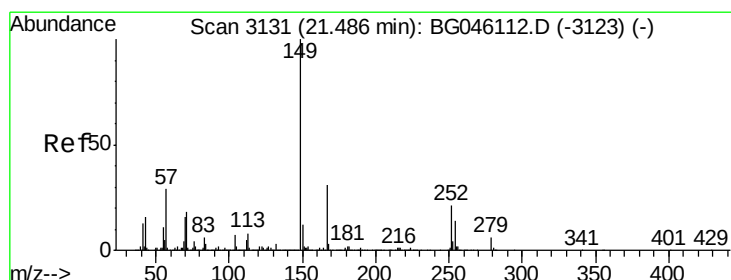
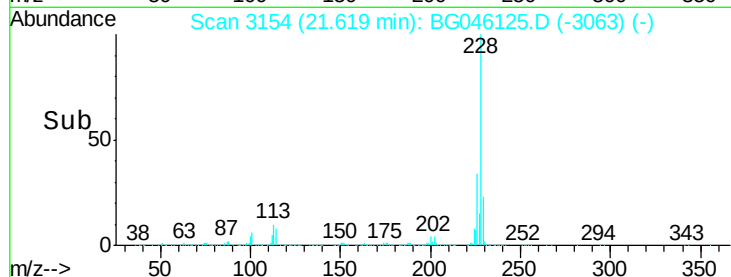
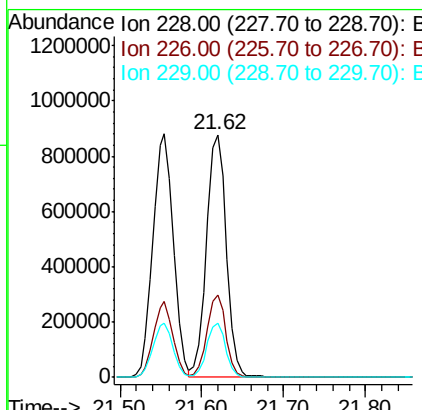
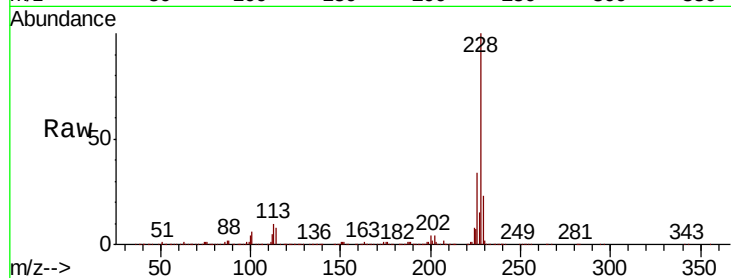
#83
 Chrysene
 Concen: 36.662 ng
 RT: 21.62 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	26.9	40.3
229	22.5	18.2	27.4

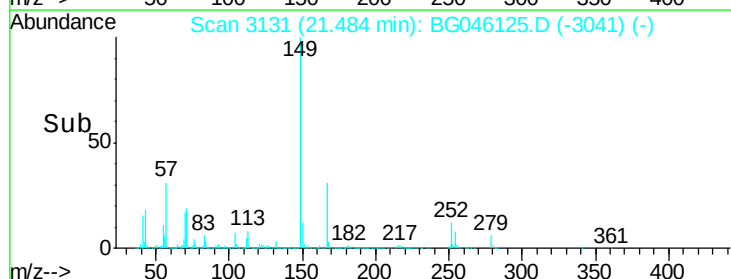
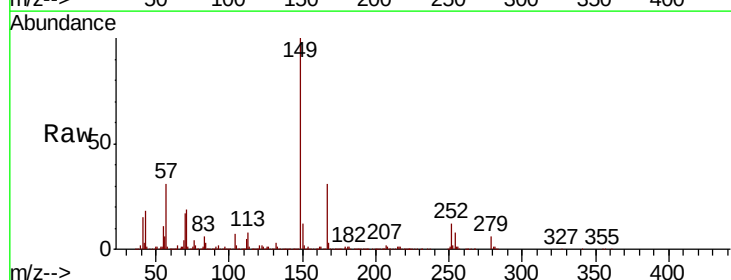
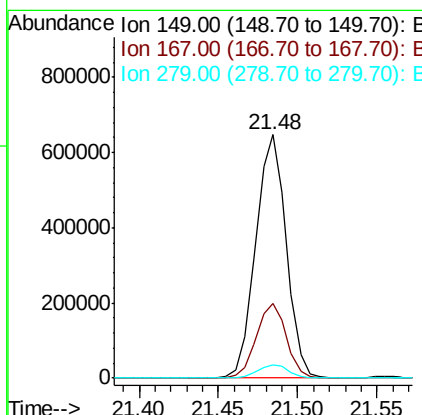
Manual Integrations
 APPROVED

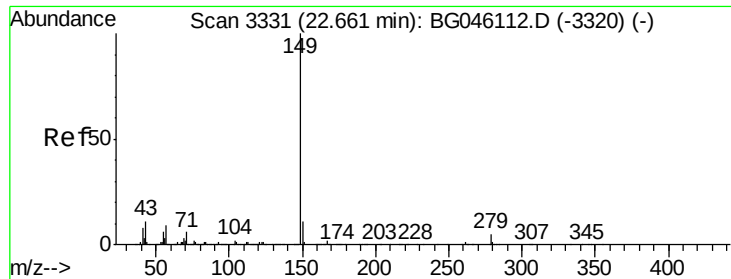
mohammad
 8/3/2020 12:22:17 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.475 ng
 RT: 21.48 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BG046125.D
 Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.8	37.2
279	5.7	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 40.741 ng

RT: 22.66 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

Tot Ion:149 Resp: 1477484

Ion Ratio Lower Upper

149 100

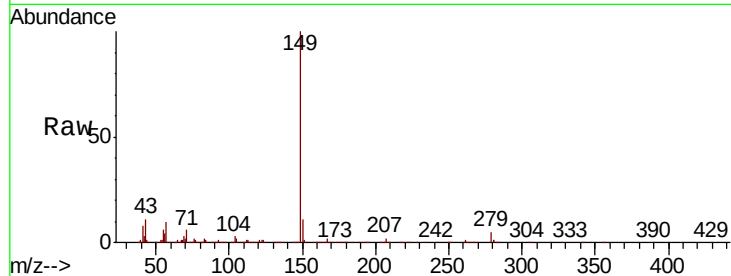
167 1.8 1.4 2.2

43 10.5 7.8 11.8

Manual Integrations
APPROVED

mohammad

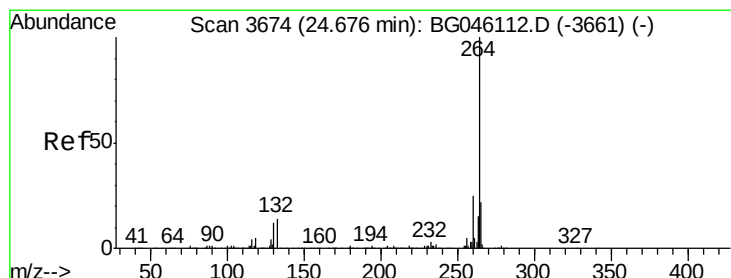
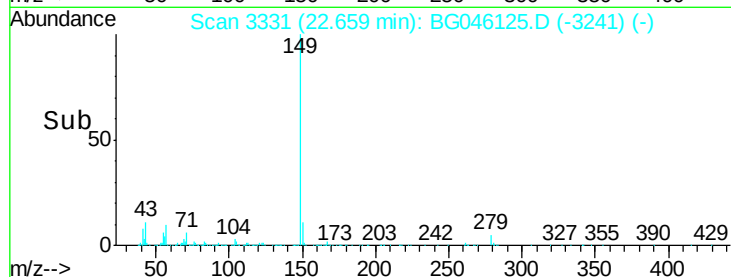
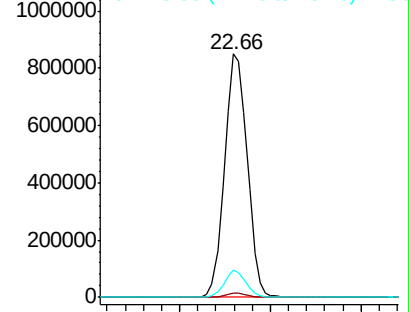
8/3/2020 12:22:17 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.68 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

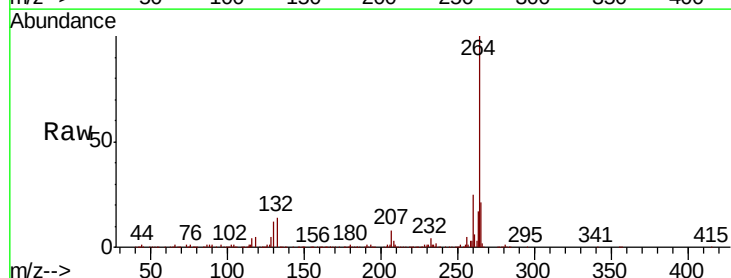
Tgt Ion:264 Resp: 654852

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

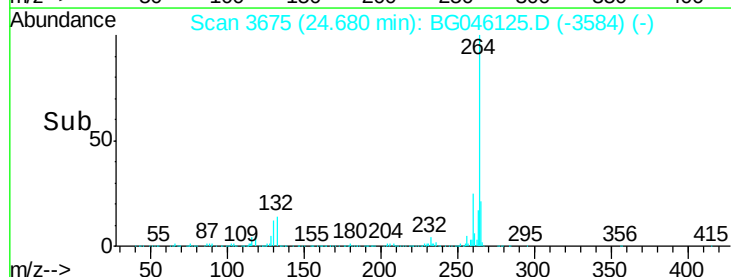
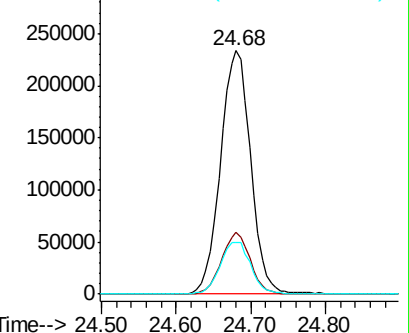
265 21.1 17.6 26.4

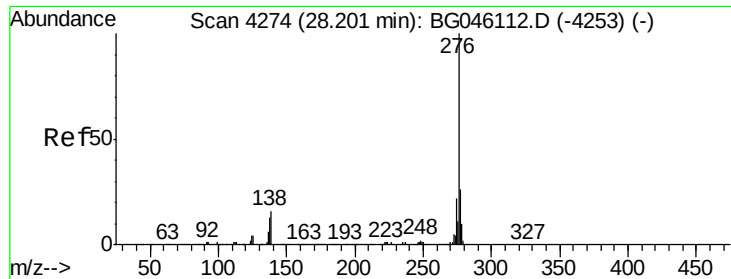


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.407 ng

RT: 28.20 min Scan# 4274

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

Tot Ion:276 Resp: 1918142

Ion Ratio Lower Upper

276 100

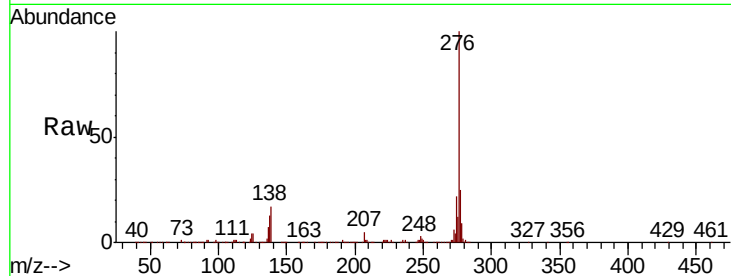
138 15.5 11.6 17.4

277 26.0 20.8 31.2

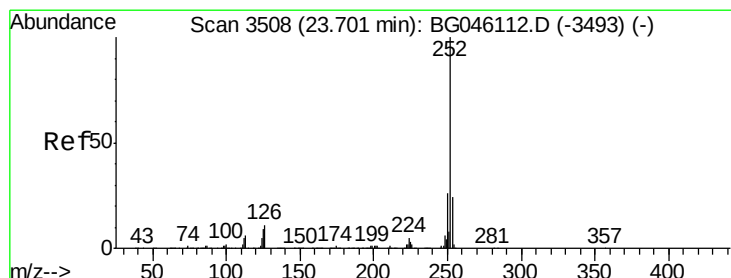
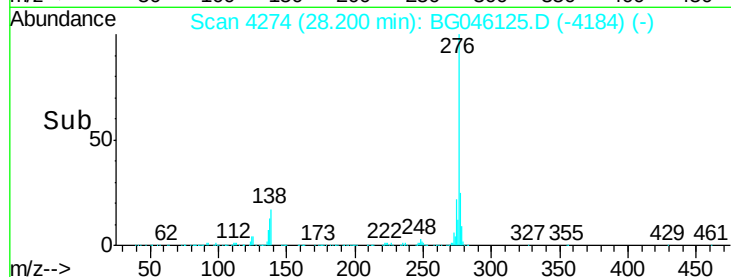
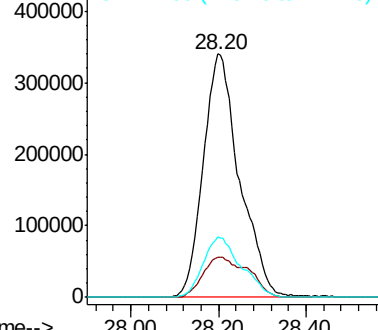
Manual Integrations
APPROVED

mohammad

8/3/2020 12:22:17 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 37.657 ng

RT: 23.70 min Scan# 3508

Delta R.T. -0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

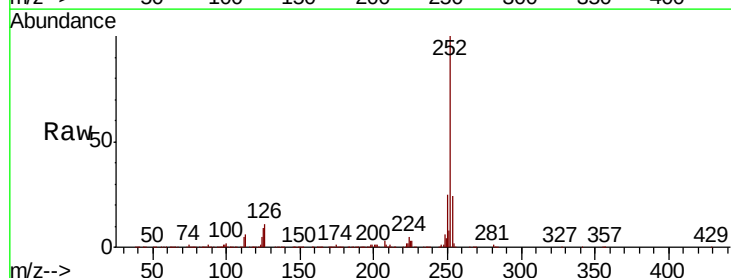
Tgt Ion:252 Resp: 1652510

Ion Ratio Lower Upper

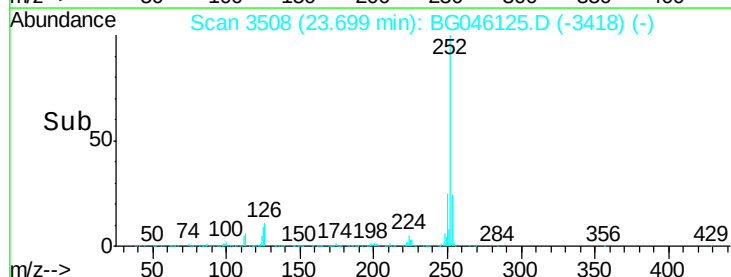
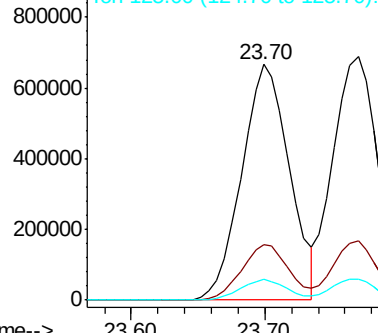
252 100

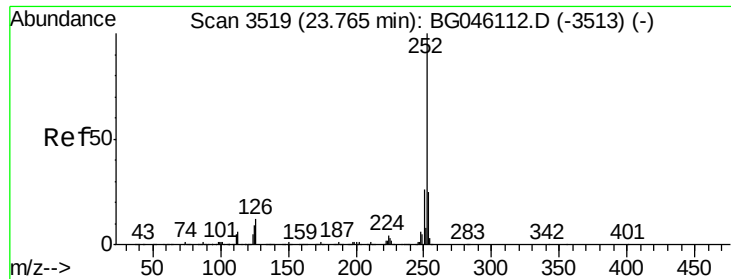
253 23.8 19.2 28.8

125 8.9 7.2 10.8



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





#89

Benzo(k)fluoranthene

Concen: 37.365 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

Instrument :

BNA_G

ClientSampleId :

PB130619BS

Tot Ion:252 Resp: 1608264

Ion Ratio Lower Upper

252 100

253 24.5 19.5 29.3

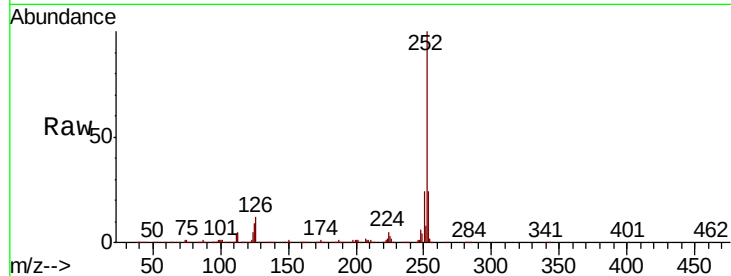
125 8.5 7.3 10.9

Manual Integrations

APPROVED

mohammad

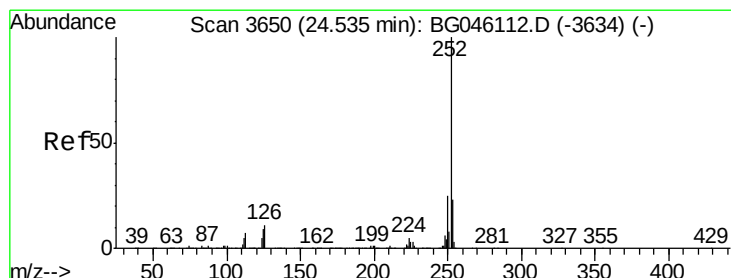
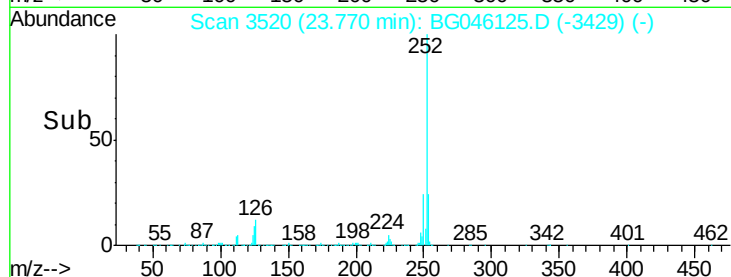
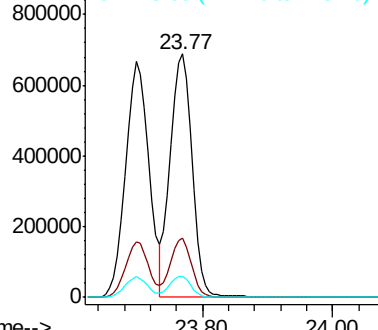
8/3/2020 12:22:17 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.590 ng

RT: 24.54 min Scan# 3651

Delta R.T. 0.00 min

Lab File: BG046125.D

Acq: 31 Jul 2020 14:41

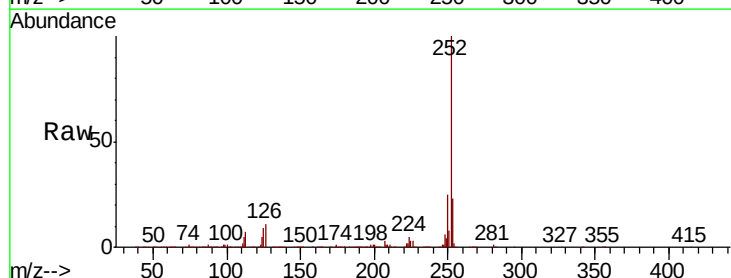
Tgt Ion:252 Resp: 1534958

Ion Ratio Lower Upper

252 100

253 22.6 18.6 27.8

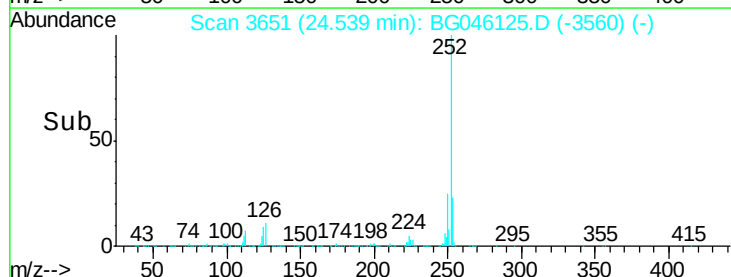
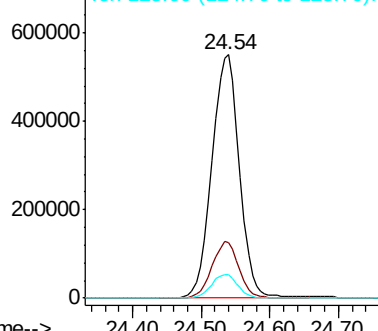
125 9.5 7.1 10.7

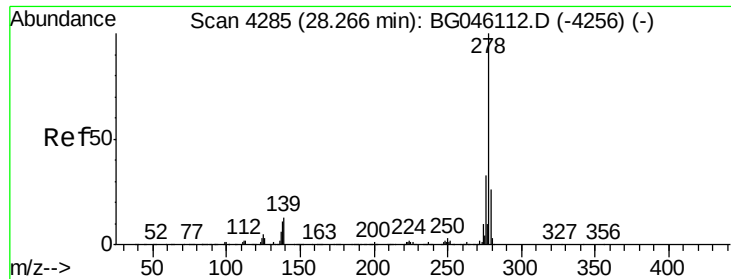


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





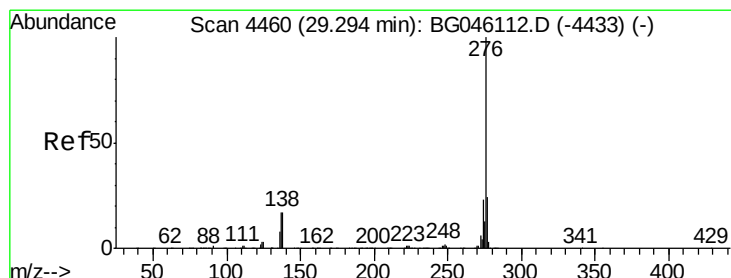
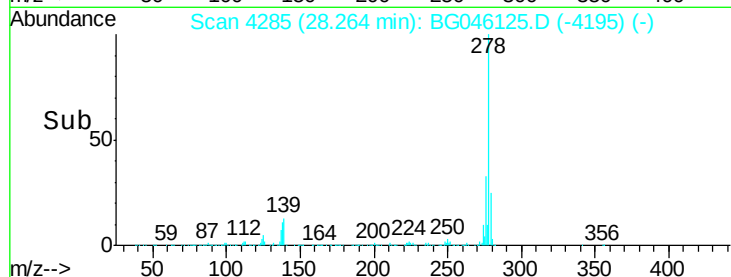
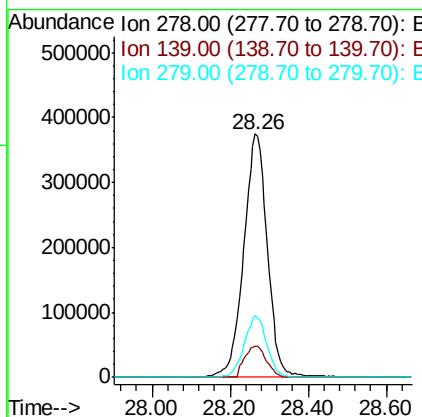
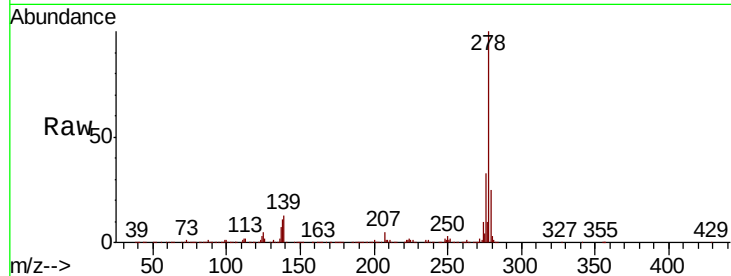
#91
Dibenzo(a,h)anthracene
Concen: 37.903 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.00 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Instrument :
BNA_G
ClientSampleId :
PB130619BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.8	16.2
279	25.5	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:17 PM



#92
Benzo(g,h,i)perylene
Concen: 38.389 ng
RT: 29.30 min Scan# 4462
Delta R.T. 0.01 min
Lab File: BG046125.D
Acq: 31 Jul 2020 14:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.5	29.3
138	17.9	13.8	20.6

