

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046038.D
 Acq On : 14 Jul 2020 18:27
 Operator : CG/JU
 Sample : PB130200BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Manual Integrations
 APPROVED

mohammad
 7/15/2020 11:01:36 AM

Quant Time: Jul 14 19:06:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	126827	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	514521	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	312382	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	675171	20.00	ng	0.00
76) Chrysene-d12	21.63	240	613798	20.00	ng	0.00
86) Perylene-d12	24.78	264	634716	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	886234	113.32	ng	0.00
7) Phenol-d6	7.17	99	1195137	106.14	ng	0.00
23) Nitrobenzene-d5	9.16	82	743243	83.14	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	324158	111.81	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1344479	67.13	ng	0.00
79) Terphenyl-d14	19.98	244	1833839	66.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	147055	40.756	ng	98
3) Pyridine	3.89	79	424583	38.917	ng	99
4) n-Nitrosodimethylamine	3.80	42	185011	50.150	ng	# 96
6) Aniline	7.32	93	483222	33.548	ng	100
8) 2-Chlorophenol	7.57	128	396852	47.138	ng	97
9) Benzaldehyde	7.14	77	143174	20.070	ng	96
10) Phenol	7.20	94	534156	47.292	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	396656	42.469	ng	99
12) 1,3-Dichlorobenzene	7.89	146	413561	42.618	ng	100
13) 1,4-Dichlorobenzene	8.04	146	413674	43.335	ng	99
14) 1,2-Dichlorobenzene	8.36	146	402939	43.857	ng	98
15) Benzyl Alcohol	8.24	79	383242	43.409	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	525806	43.148	ng	98
17) 2-Methylphenol	8.45	107	356609	42.077	ng	99
18) Hexachloroethane	9.09	117	160221	43.621	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	335656	42.434	ng	98
20) 3+4-Methylphenols	8.77	107	487020	42.164	ng	99
22) Acetophenone	8.82	105	566713	41.229	ng	# 98
24) Nitrobenzene	9.20	77	481429	48.795	ng	100
25) Isophorone	9.73	82	882114	40.422	ng	98
26) 2-Nitrophenol	9.91	139	190944	59.375	ng	97
27) 2,4-Dimethylphenol	9.98	122	348189	44.826	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	517103	42.198	ng	99
29) 2,4-Dichlorophenol	10.45	162	354486	44.085	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	359415	40.341	ng	99
31) Naphthalene	10.85	128	1135281	41.159	ng	100
32) Benzoic acid	10.12	122	241239	50.465	ng	89
33) 4-Chloroaniline	10.95	127	268214	21.761	ng	98
34) Hexachlorobutadiene	11.15	225	199086	38.270	ng	96
35) Caprolactam	11.72	113	138998m	45.529	ng	
36) 4-Chloro-3-methylphenol	12.08	107	416677	45.497	ng	98
37) 2-Methylnaphthalene	12.46	142	814859	41.559	ng	100
38) 1-Methylnaphthalene	12.67	142	777790	42.033	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	349470	39.686	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046038.D
 Acq On : 14 Jul 2020 18:27
 Operator : CG/JU
 Sample : PB130200BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

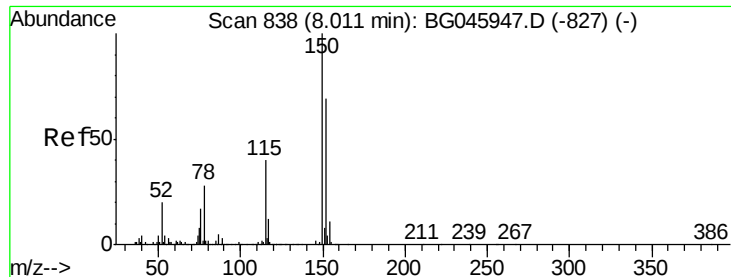
Manual Integrations
 APPROVED

mohammad
 7/15/2020 11:01:36 AM

Quant Time: Jul 14 19:06:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	448053	85.751	nq	97
43) 2,4,6-Trichlorophenol	13.06	196	267617	44.937	nq	98
44) 2,4,5-Trichlorophenol	13.13	196	286422	42.537	nq	98
46) 1,1'-Biphenyl	13.46	154	974432	41.466	nq	100
47) 2-Chloronaphthalene	13.50	162	752816	40.603	nq	100
48) 2-Nitroaniline	13.70	65	289592	55.172	nq	97
49) Acenaphthylene	14.35	152	1232717	41.208	nq	99
50) Dimethylphthalate	14.08	163	966268	41.217	nq	100
51) 2,6-Dinitrotoluene	14.19	165	220400	52.248	nq	98
52) Acenaphthene	14.69	154	872474	46.239	nq	97
53) 3-Nitroaniline	14.52	138	175359	34.948	nq	# 85
54) 2,4-Dinitrophenol	14.73	184	195039	120.952	nq	# 86
55) Dibenzofuran	15.02	168	1132516	40.945	nq	100
56) 4-Nitrophenol	14.84	139	437033	114.424	nq	98
57) 2,4-Dinitrotoluene	14.98	165	304501	55.878	nq	# 94
58) Fluorene	15.67	166	946797	41.727	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	256881m	49.411	nq	
60) Diethylphthalate	15.45	149	1006197	40.926	nq	99
61) 4-Chlorophenyl-phenylether	15.66	204	442784	39.225	nq	99
62) 4-Nitroaniline	15.69	138	261243	53.917	nq	92
63) Azobenzene	15.96	77	1148819	43.536	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	145577	60.552	nq	94
66) n-Nitrosodiphenylamine	15.88	169	870455	41.604	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	289598	38.405	nq	97
68) Hexachlorobenzene	16.68	284	305889	40.424	nq	97
69) Atrazine	16.83	200	289570	46.811	nq	98
70) Pentachlorophenol	17.02	266	398786	94.788	nq	99
71) Phenanthrene	17.41	178	1489305	41.724	nq	98
72) Anthracene	17.50	178	1535435	42.387	nq	99
73) Carbazole	17.77	167	1521201	41.896	nq	99
74) Di-n-butylphthalate	18.34	149	1798534	40.991	nq	99
75) Fluoranthene	19.42	202	1818929	44.081	nq	98
77) Benzidine	19.59	184	814161	46.391	nq	99
78) Pyrene	19.78	202	1790609	42.737	nq	99
80) Butylbenzylphthalate	20.68	149	881926	44.543	nq	99
81) Benzo(a)anthracene	21.60	228	1669281	41.361	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	476386	31.943	nq	98
83) Chrysene	21.67	228	1618994	42.107	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1211770	42.163	nq	100
85) Di-n-octyl phthalate	22.74	149	2076786	41.640	nq	100
87) Indeno(1,2,3-cd)pyrene	28.35	276	2034599	43.817	nq	# 92
88) Benzo(b)fluoranthene	23.78	252	1778193	44.132	nq	98
89) Benzo(k)fluoranthene	23.85	252	1695030	44.490	nq	99
90) Benzo(a)pyrene	24.64	252	1639338	43.268	nq	99
91) Dibenzo(a,h)anthracene	28.42	278	1640884	43.813	nq	99
92) Benzo(g,h,i)perylene	29.47	276	1647104	43.702	nq	100

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



#1

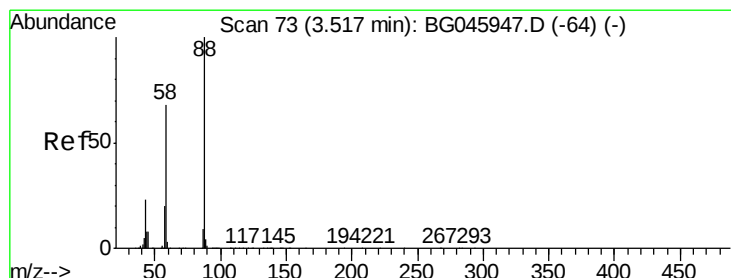
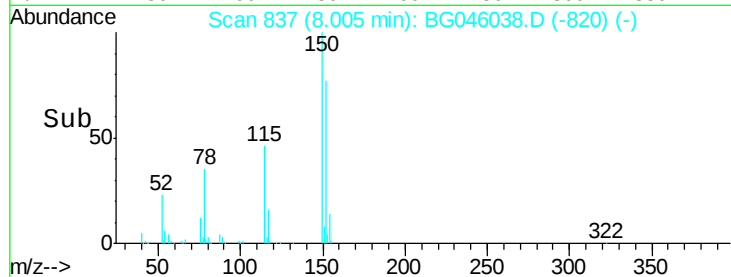
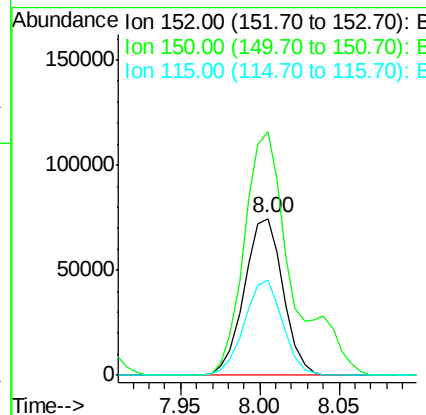
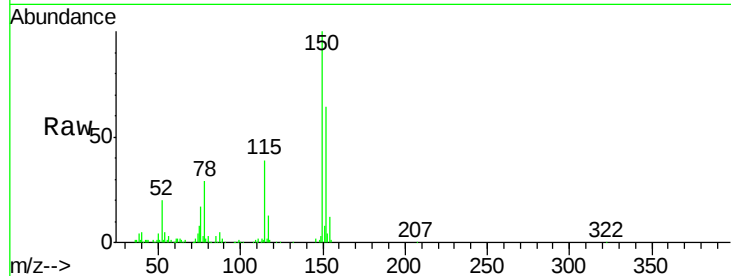
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	116.7	175.1
115	60.3	47.4	71.0

Manual Integrations
APPROVED

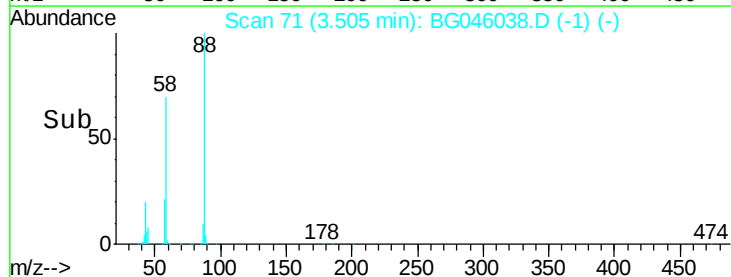
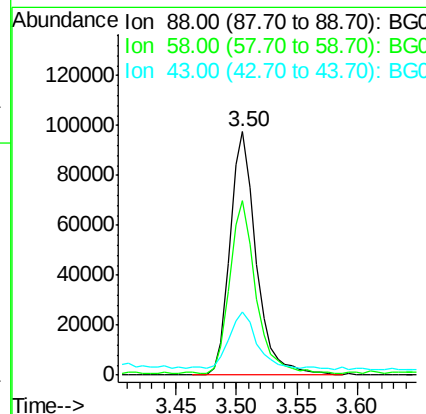
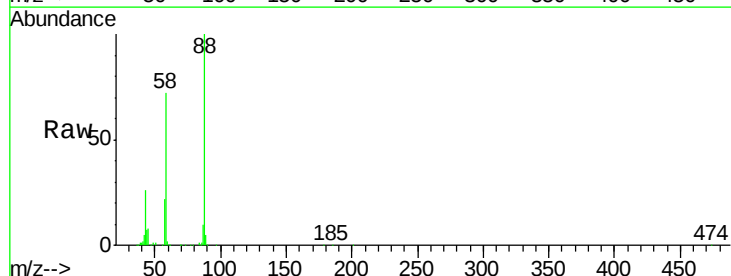
mohammad
7/15/2020 11:01:36 AM

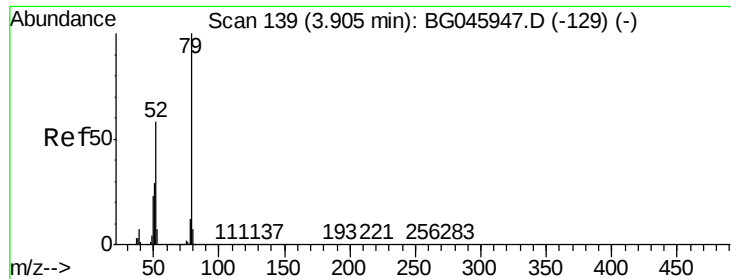


#2

1,4-Dioxane
Concen: 40.756 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.2	82.8
43	25.4	19.4	29.0





#3

Pvridine

Concen: 38.917 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

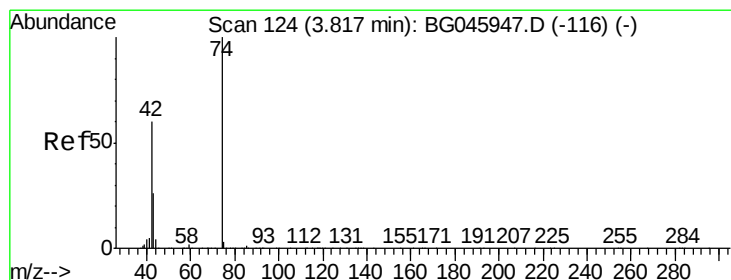
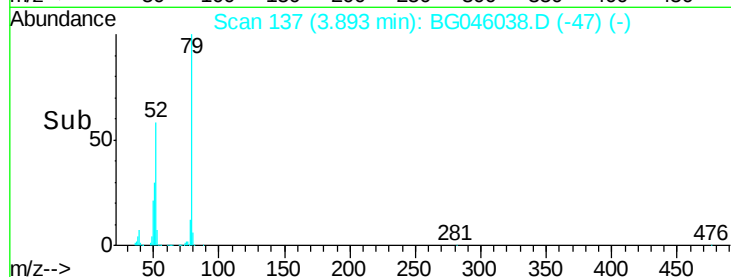
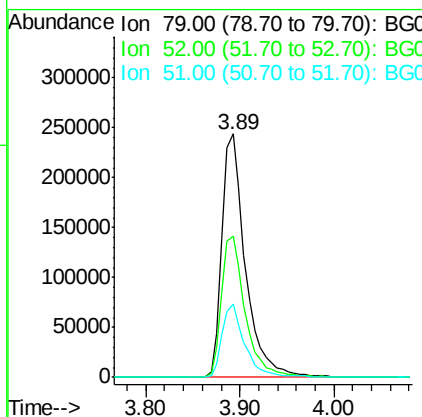
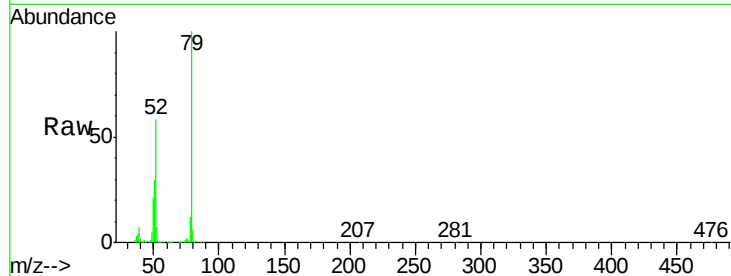
ClientSampleId :

PB130200BS

Tot Ion:	79	Resp:	424583
Ion Ratio	Lower	Upper	
79	100		
52	58.2	46.5	69.7
51	30.4	23.5	35.3

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



#4

n-Nitrosodimethylamine

Concen: 50.150 ng

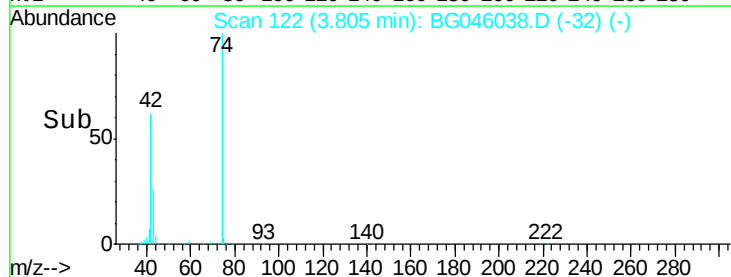
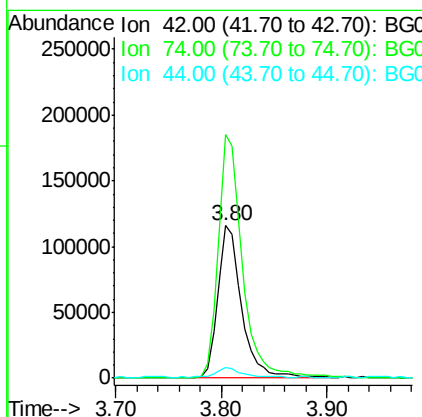
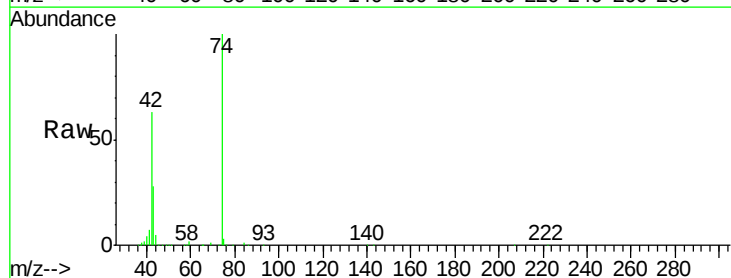
RT: 3.80 min Scan# 122

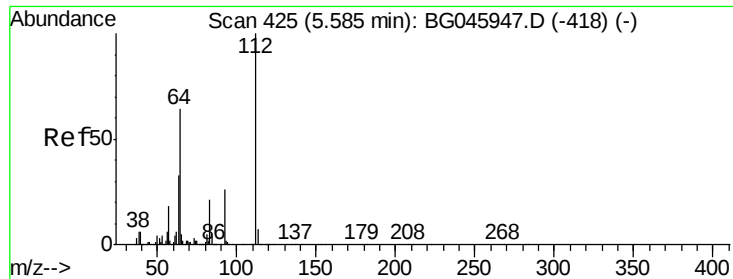
Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion:	42	Resp:	185011
Ion Ratio	Lower	Upper	
42	100		
74	159.9	131.9	197.9
44	7.4	7.7	11.5#





#5

2-Fluorophenol

Concen: 113.318 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

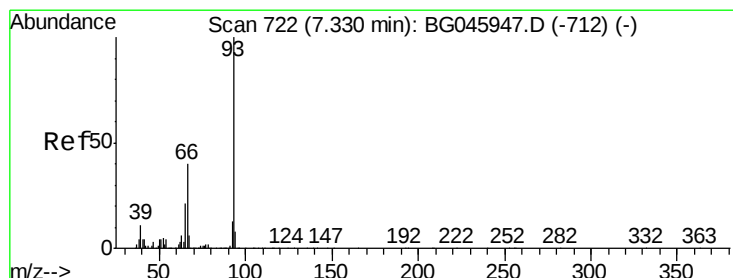
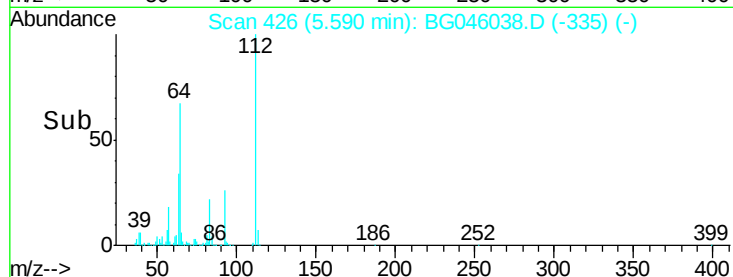
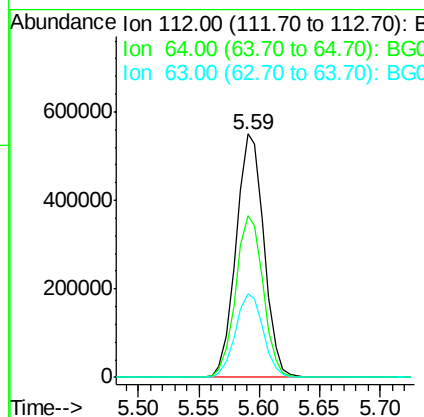
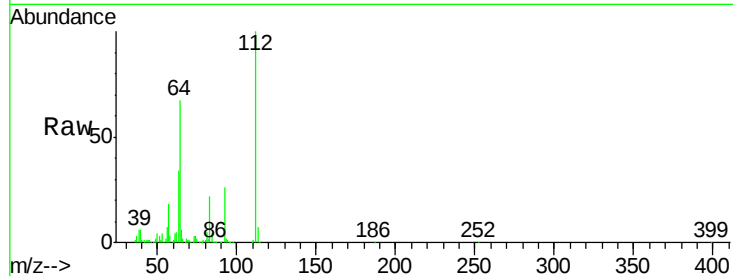
ClientSampleId :

PB130200BS

Tot Ion:	112	Resp:	886234
Ion Ratio	Lower	Upper	
112	100		
64	66.5	51.4	77.2
63	34.4	26.6	40.0

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



#6

Aniline

Concen: 33.548 ng

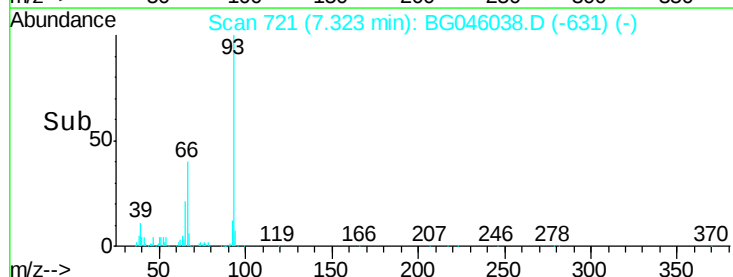
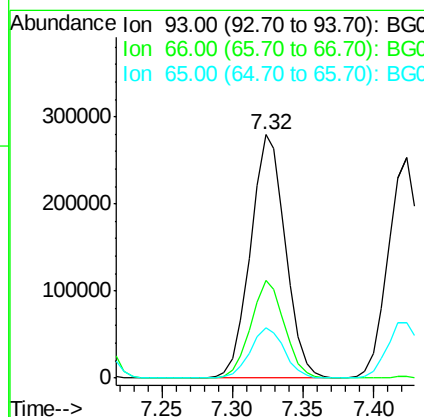
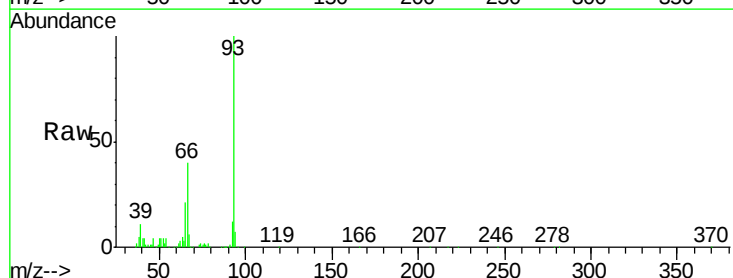
RT: 7.32 min Scan# 721

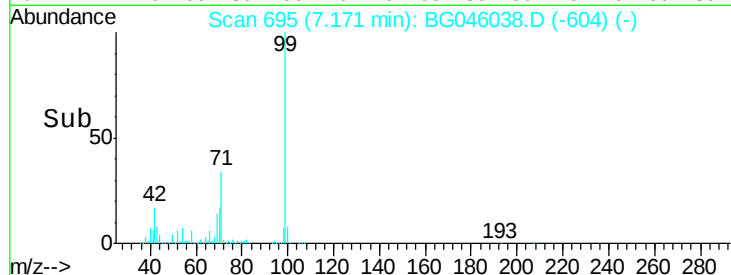
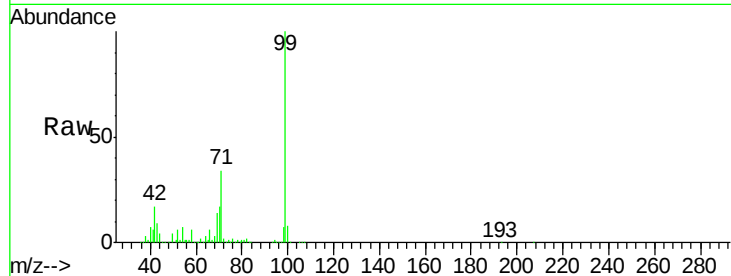
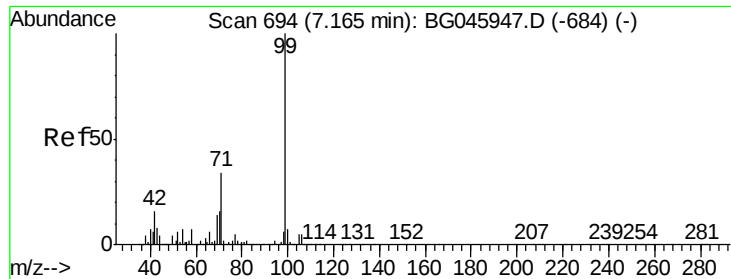
Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion:	93	Resp:	483222
Ion Ratio	Lower	Upper	
93	100		
66	40.1	32.3	48.5
65	20.8	16.6	25.0





#7

Phenol-d6

Concen: 106.143 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tot Ion:	99	Resp:	1195137
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.4
71	34.4	27.5	41.3

Instrument :

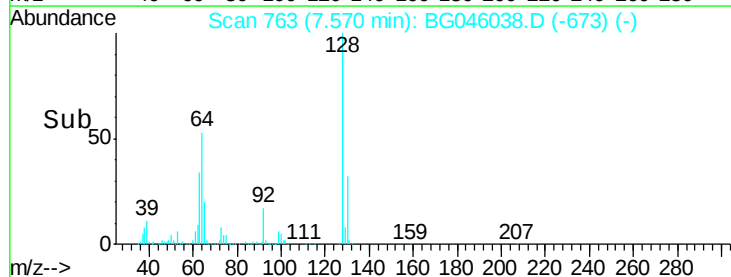
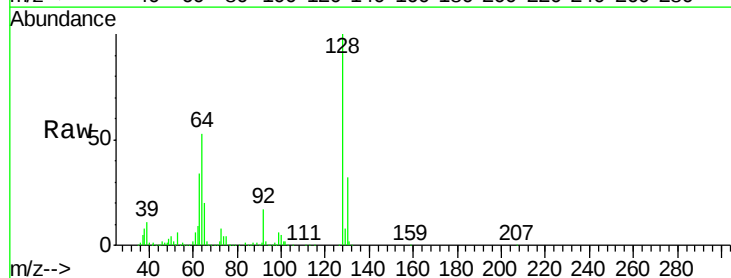
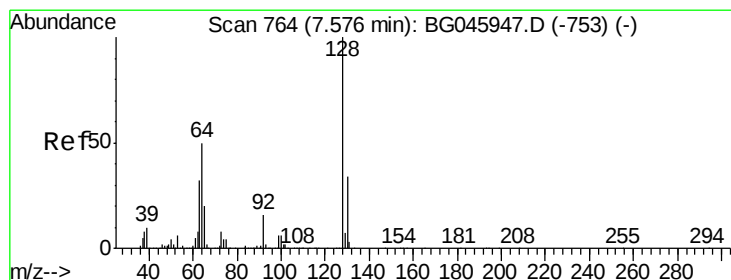
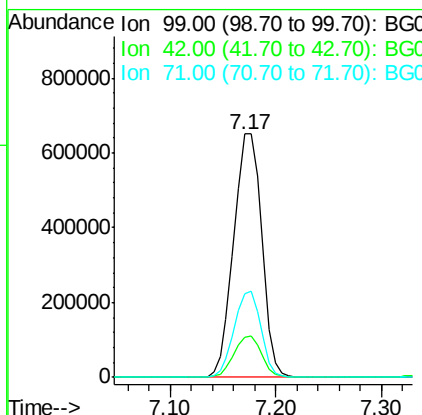
BNA_G

ClientSampleId :

PB130200BS

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



#8

2-Chlorophenol

Concen: 47.138 ng

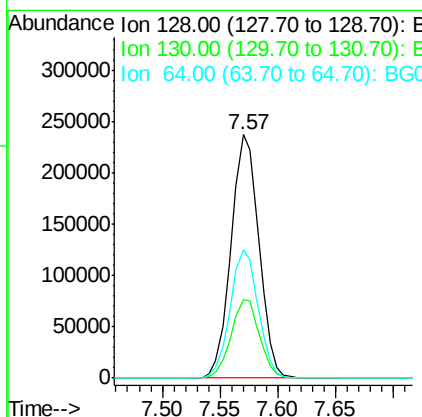
RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion:	128	Resp:	396852
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.6	53.6
64	52.5	30.6	70.6





#9

Benzaldehyde

Concen: 20.070 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

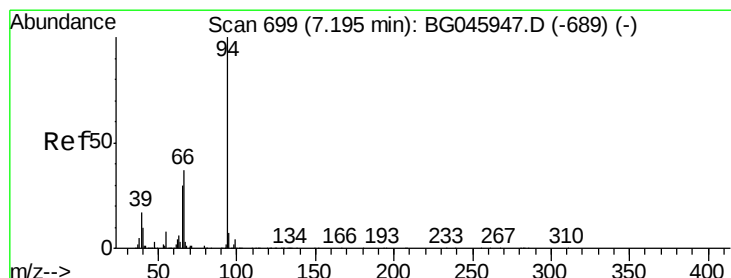
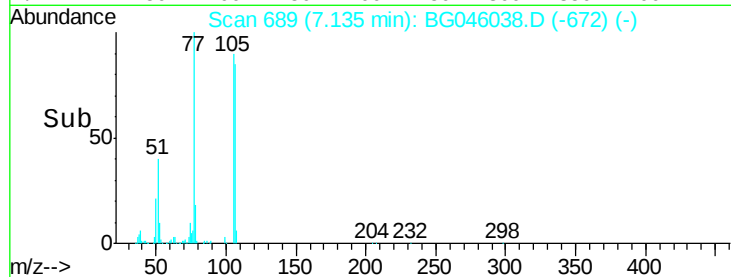
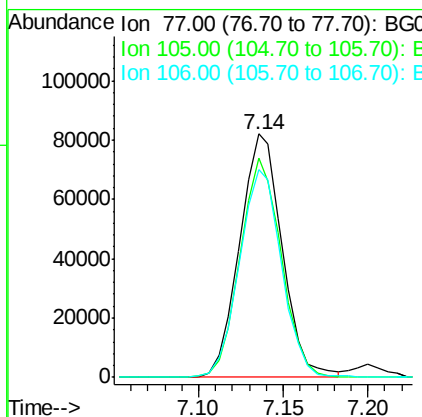
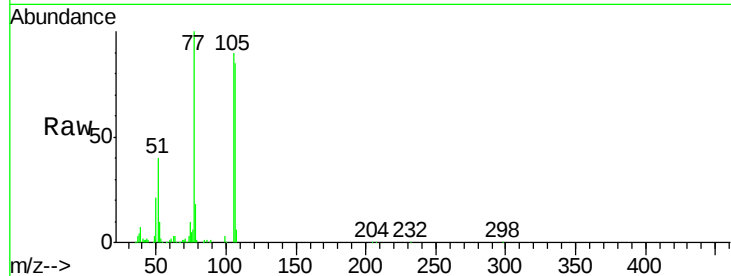
ClientSampled :

PB130200BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	90.3	66.0	106.0		
106	85.5	67.7	107.7		

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



#10

Phenol

Concen: 47.292 ng

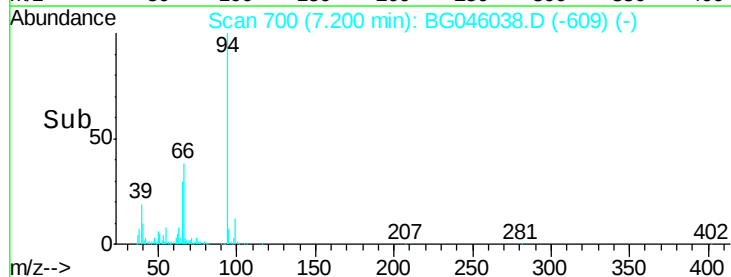
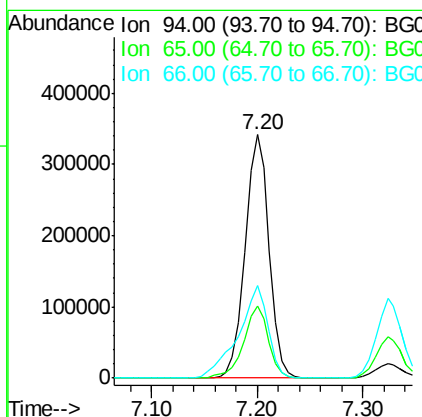
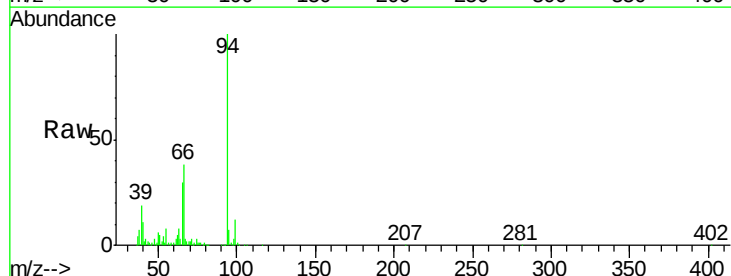
RT: 7.20 min Scan# 700

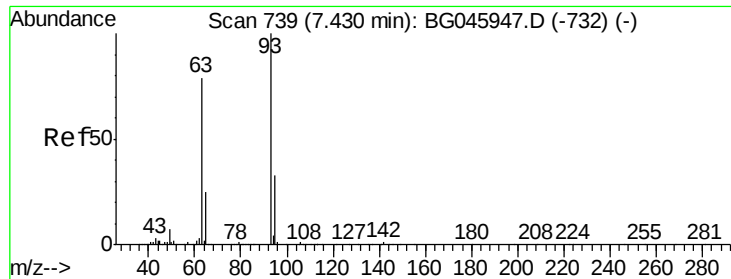
Delta R.T. 0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.7	10.6	50.6		
66	37.9	17.1	57.1		





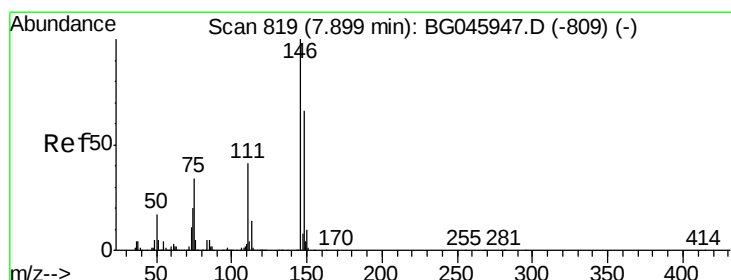
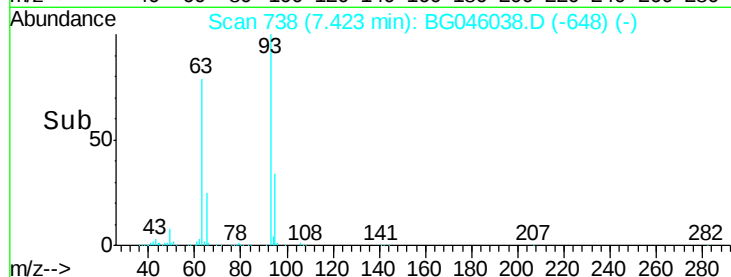
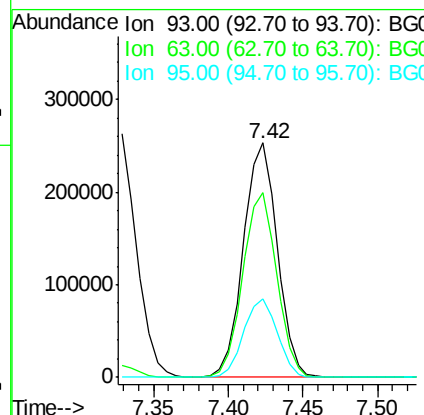
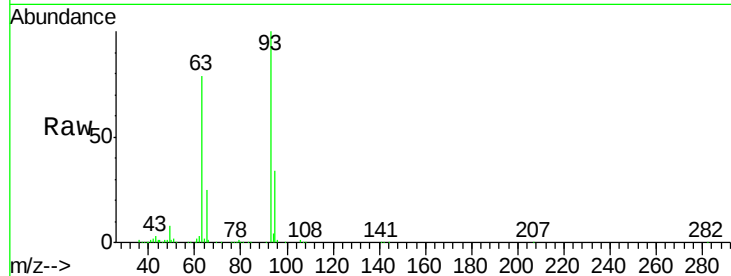
#11
bis(2-Chloroethyl)ether
Concen: 42.469 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	396656		
63	79.0	58.6	98.6	
95	33.8	13.3	53.3	

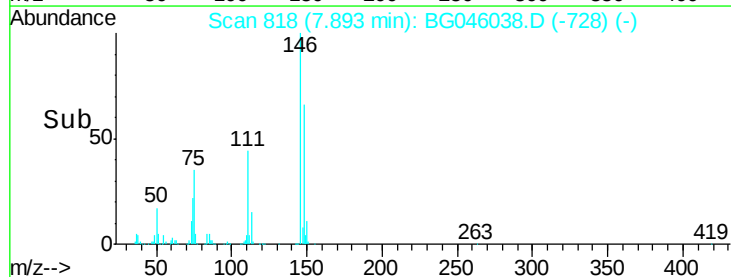
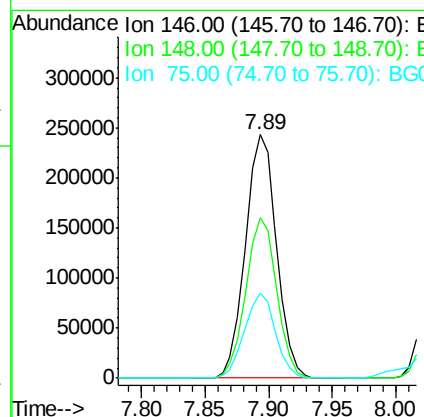
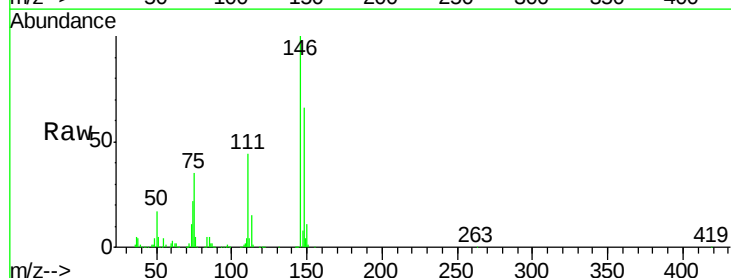
Manual Integrations
APPROVED

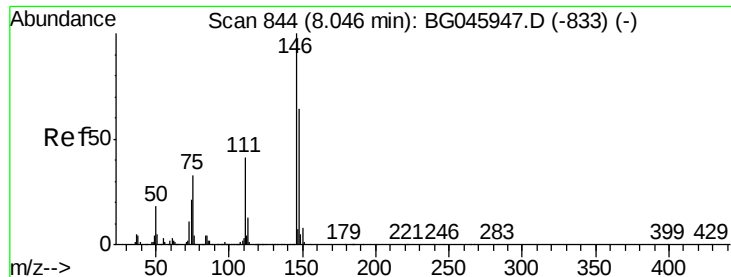
mohammad
7/15/2020 11:01:36 AM



#12
1,3-Dichlorobenzene
Concen: 42.618 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	413561		
148	66.1	52.8	79.2	
75	34.7	27.2	40.8	





#13

1,4-Dichlorobenzene

Concen: 43.335 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

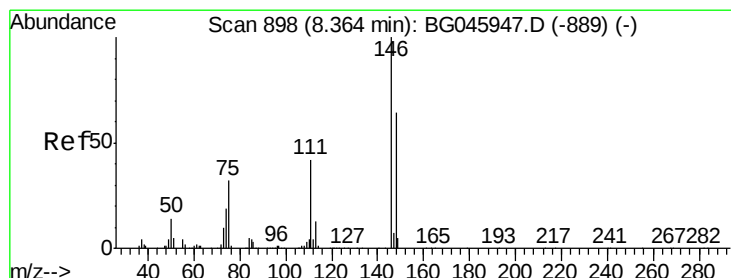
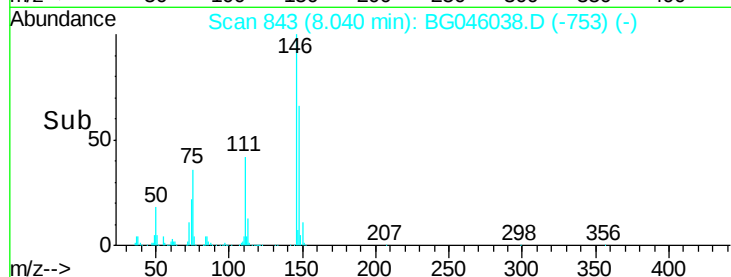
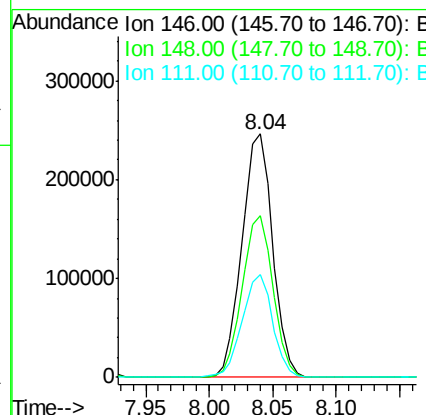
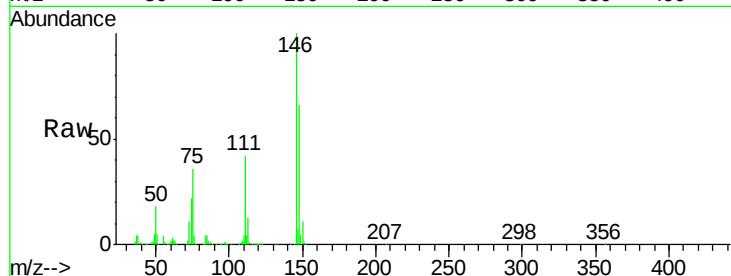
ClientSampleId :

PB130200BS

Tot Ion:	146	Resp:	413674
Ion Ratio	Lower	Upper	
146	100		
148	66.2	51.7	77.5
111	42.0	33.3	49.9

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



#14

1,2-Dichlorobenzene

Concen: 43.857 ng

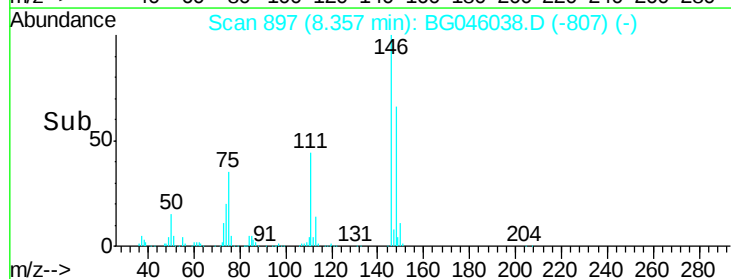
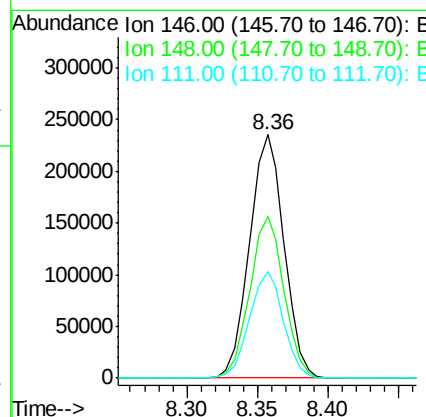
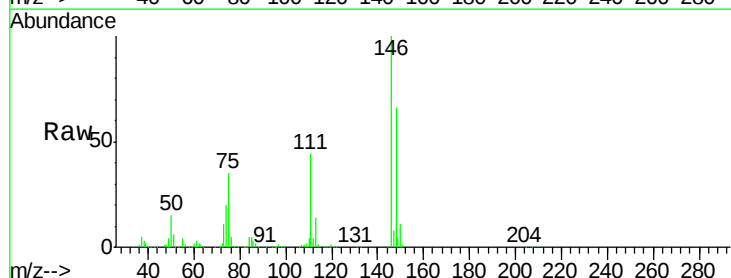
RT: 8.36 min Scan# 897

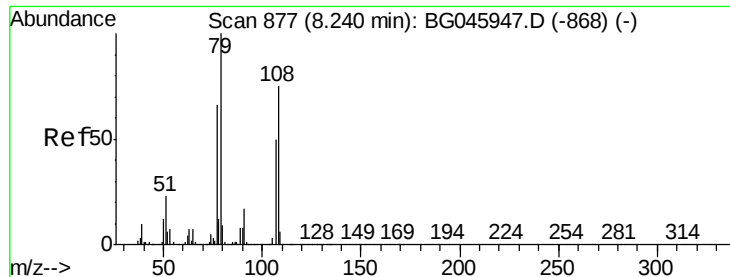
Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion:	146	Resp:	402939
Ion Ratio	Lower	Upper	
146	100		
148	66.2	51.6	77.4
111	43.9	34.0	51.0





#15

Benzyl Alcohol

Concen: 43.409 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

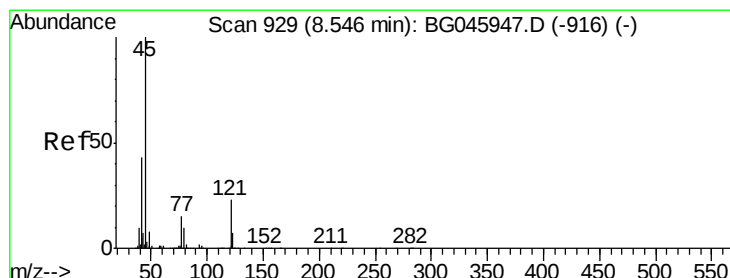
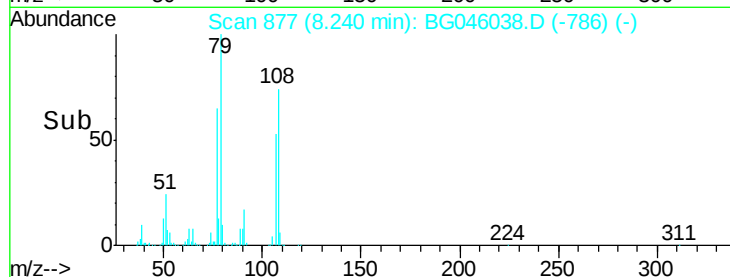
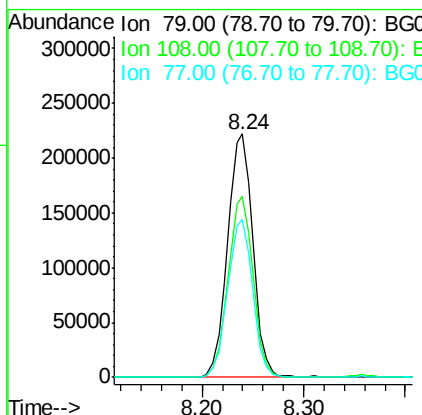
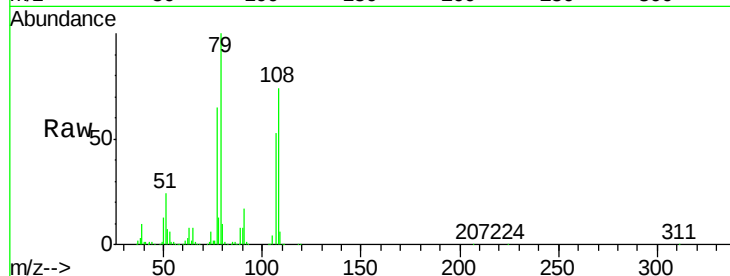
ClientSampleId :

PB130200BS

Tot Ion:	79	Resp:	383242
Ion Ratio	Lower	Upper	
79	100		
108	74.2	60.2	90.4
77	65.0	52.9	79.3

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.148 ng

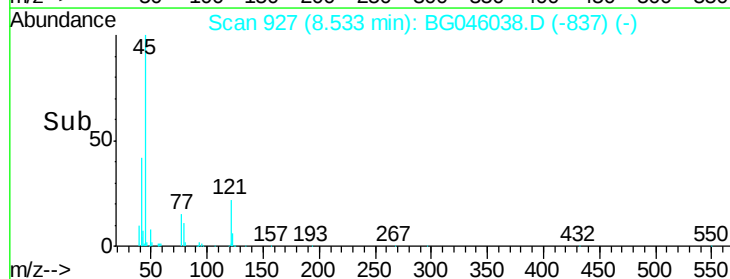
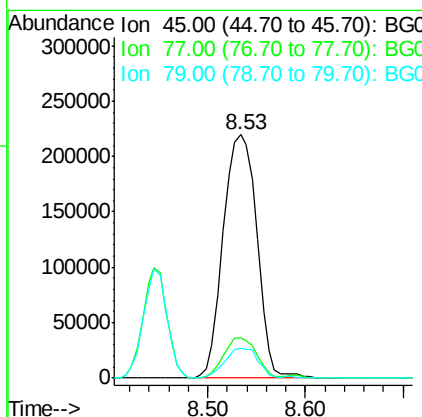
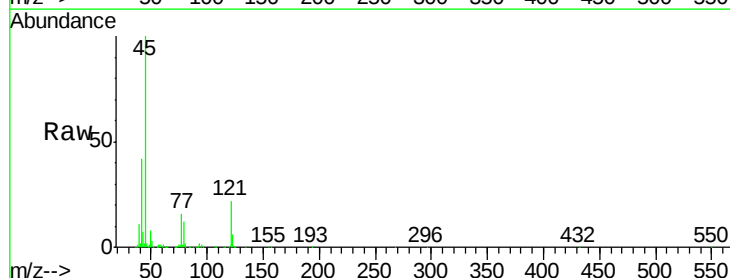
RT: 8.53 min Scan# 927

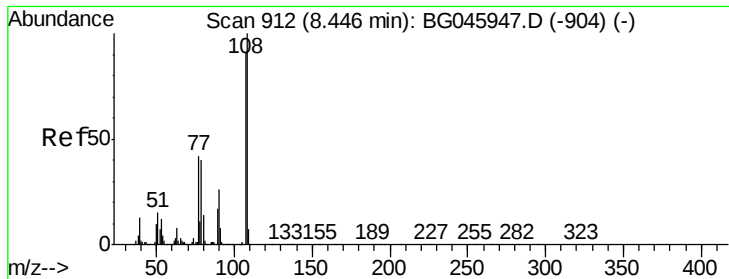
Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion:	45	Resp:	525806
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	37.6
79	12.3	0.0	32.6





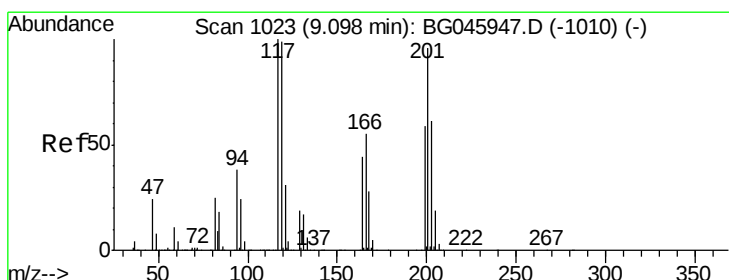
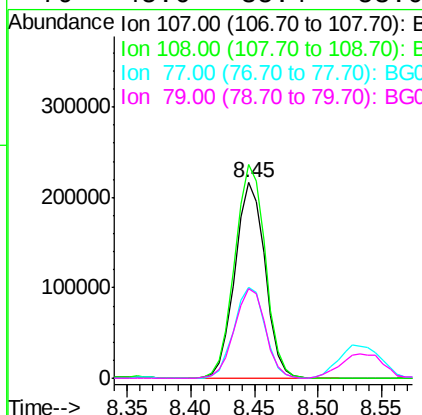
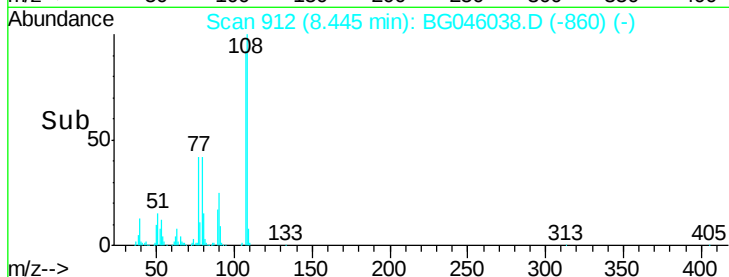
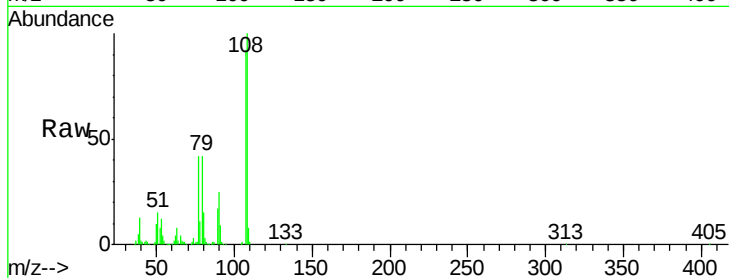
#17
2-Methylphenol
Concen: 42.077 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	107	Resp	356609
Ion	Ratio	Lower	Upper
107	100		
108	109.1	88.2	132.4
77	46.3	37.0	55.4
79	45.6	35.4	53.0

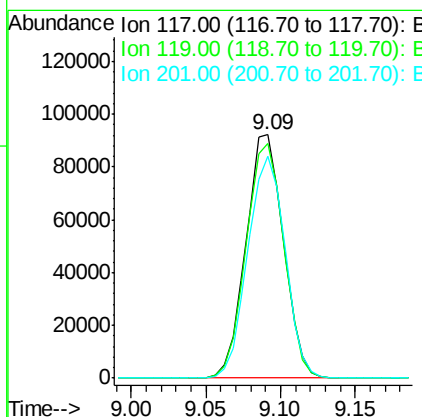
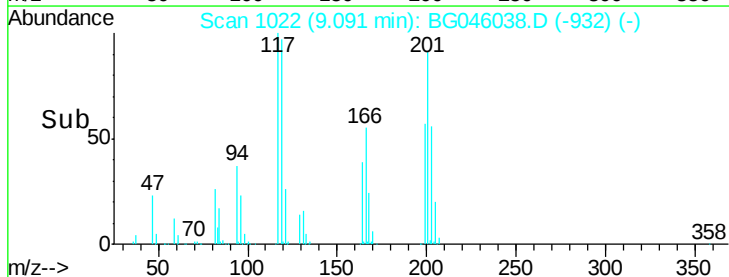
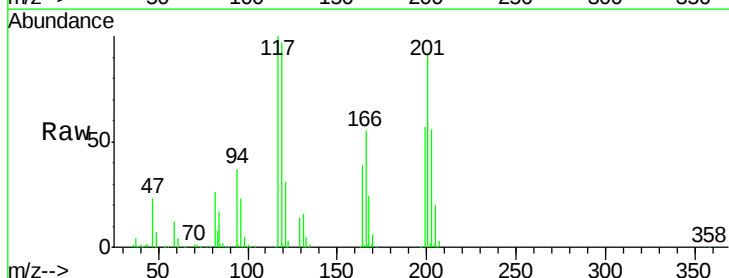
Manual Integrations
APPROVED

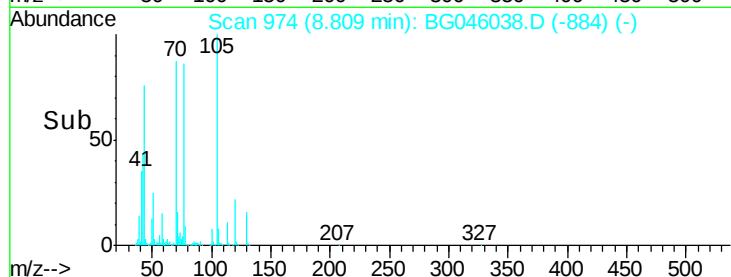
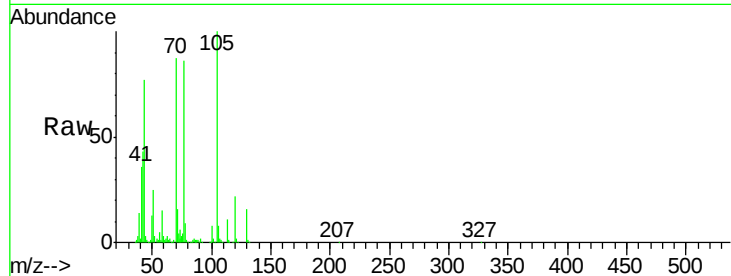
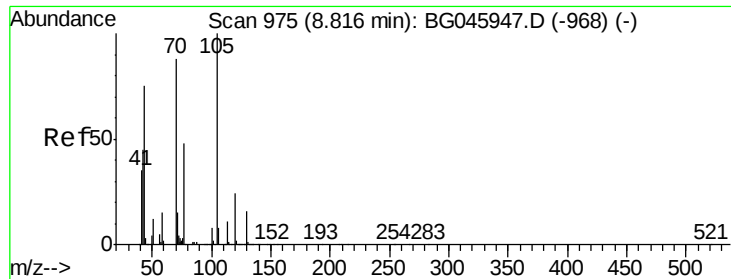
mohammad
7/15/2020 11:01:36 AM



#18
Hexachloroethane
Concen: 43.621 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	117	Resp	160221
Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.5	119.3
201	91.2	77.0	115.4





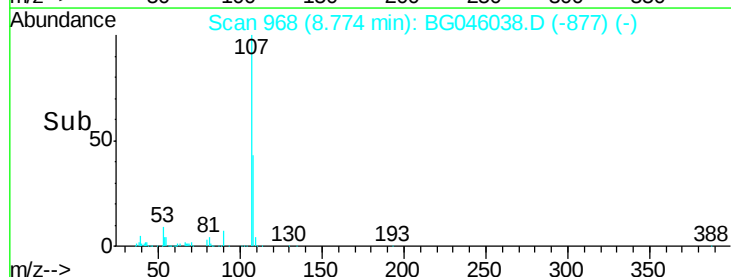
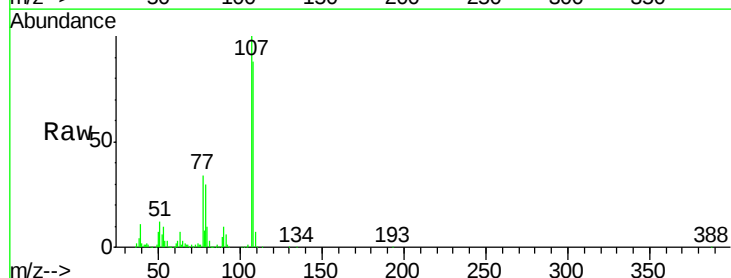
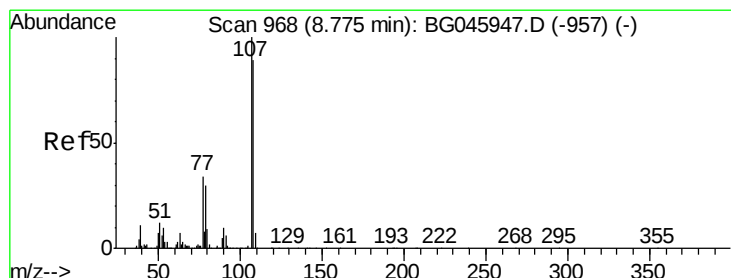
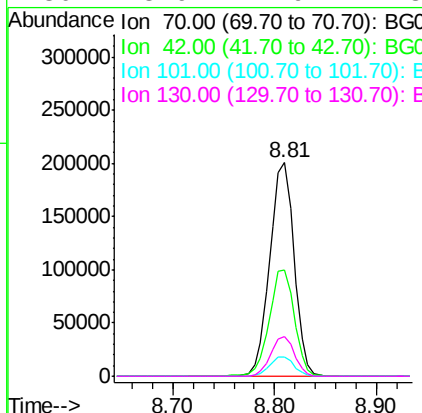
#19
n-Nitroso-di-n-propylamine
Concen: 42.434 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Manual Integrations
APPROVED

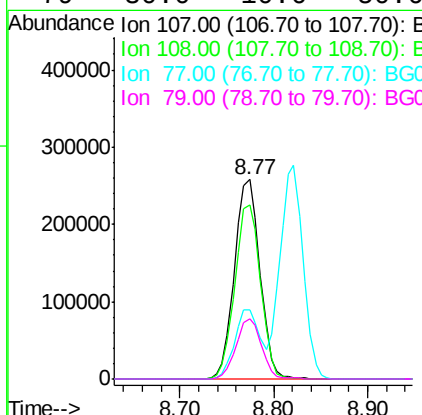
mohammad
7/15/2020 11:01:36 AM

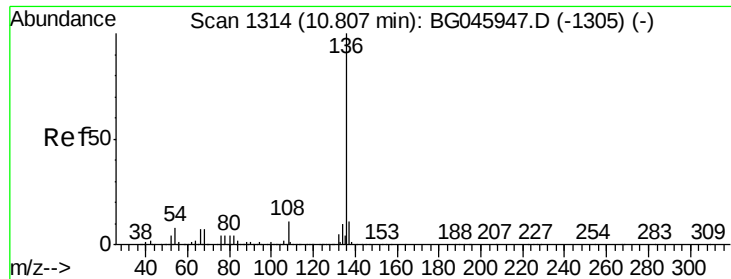
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	49.8	41.4	62.0		
101	9.1	7.1	10.7		
130	18.9	14.9	22.3		



#20
3+4-Methylphenols
Concen: 42.164 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.5	68.7	108.7		
77	34.4	14.6	54.6		
79	30.0	10.6	50.6		





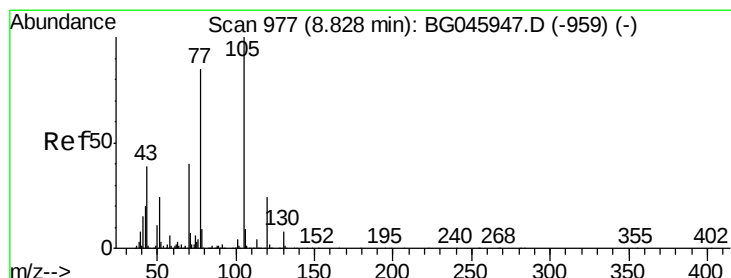
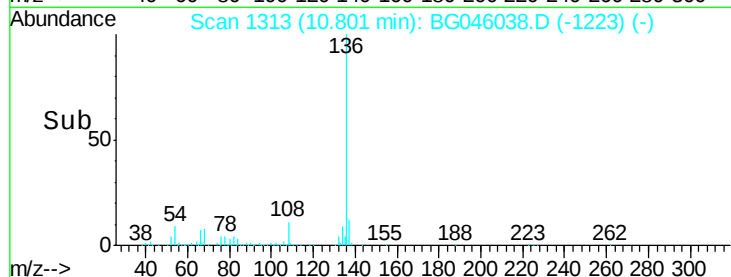
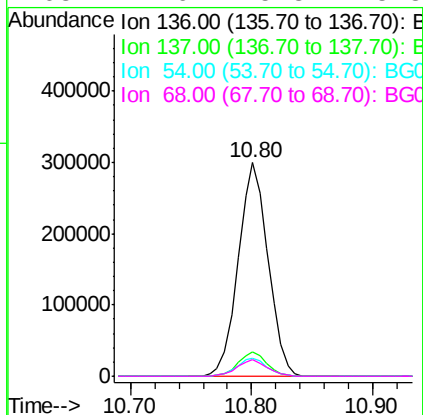
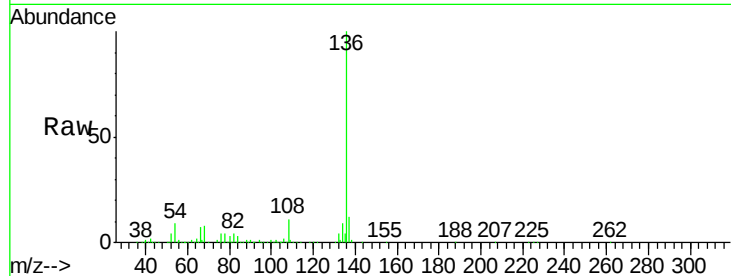
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	514521		
137	11.6		9.2	13.8
54	8.5		6.2	9.4
68	7.6		5.8	8.8

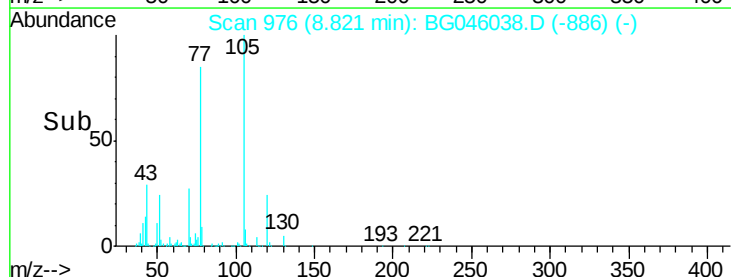
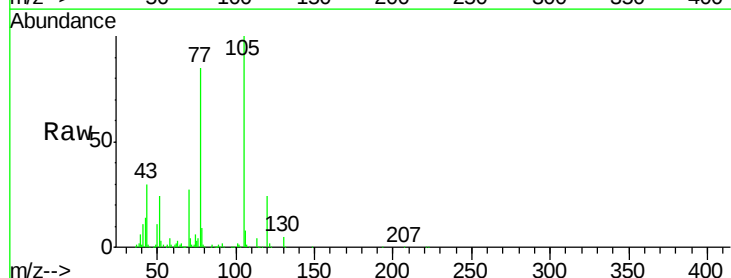
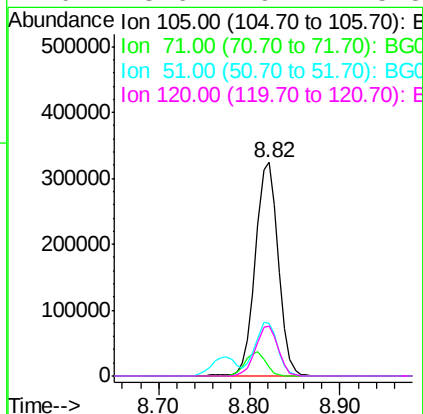
Manual Integrations
APPROVED

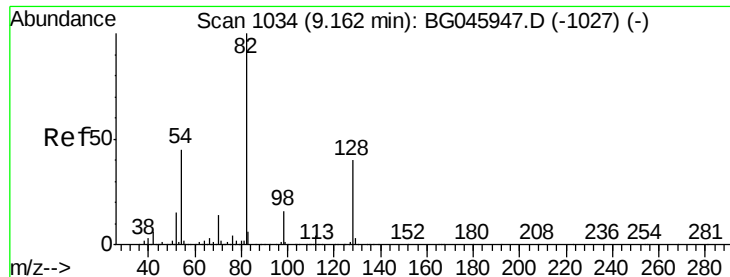
mohammad
7/15/2020 11:01:36 AM



#22
Acetophenone
Concen: 41.229 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	566713		
71	4.3		6.2	9.2#
51	24.5		19.7	29.5
120	23.6		19.2	28.8





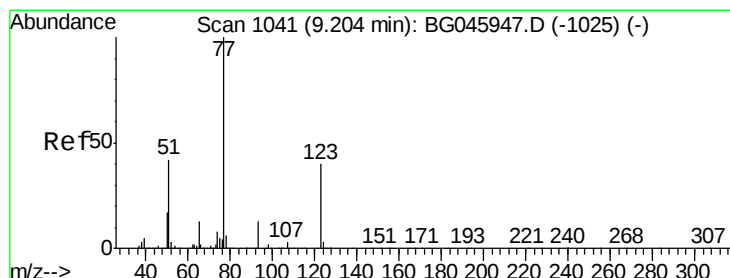
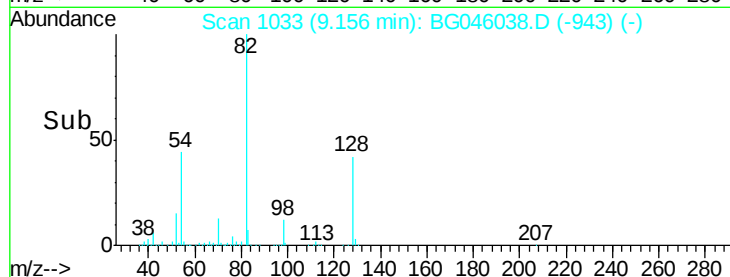
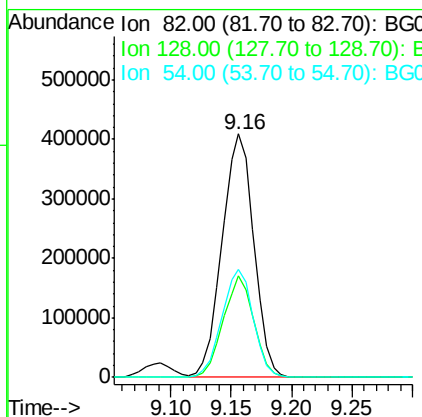
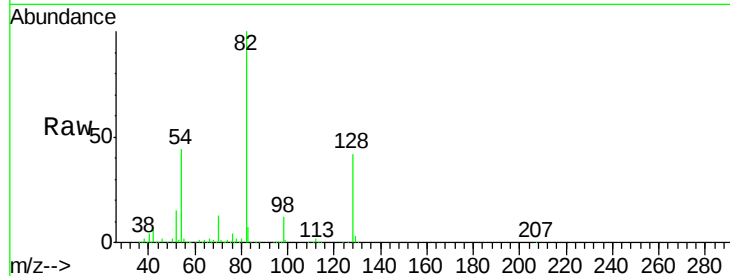
#23
Nitrobenzene-d5
Concen: 83.144 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampled :
PB130200BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.2	48.4
54	44.4	35.8	53.6

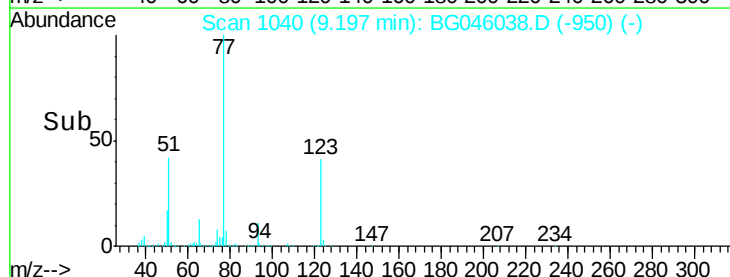
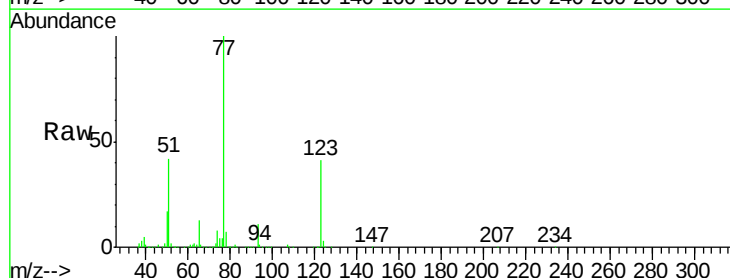
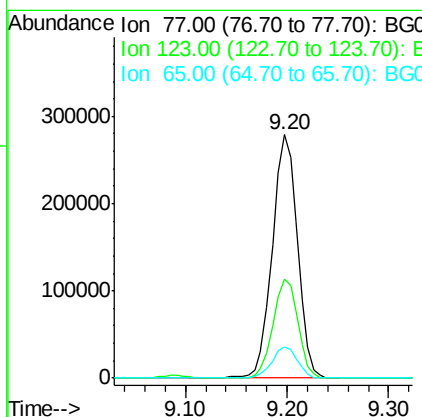
Manual Integrations
APPROVED

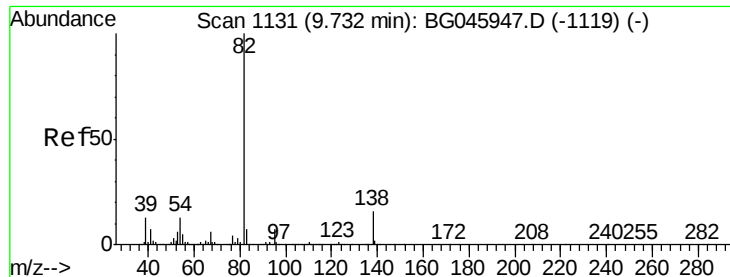
mohammad
7/15/2020 11:01:36 AM



#24
Nitrobenzene
Concen: 48.795 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	32.7	49.1
65	12.8	10.2	15.4





#25

Isophorone

Concen: 40.422 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

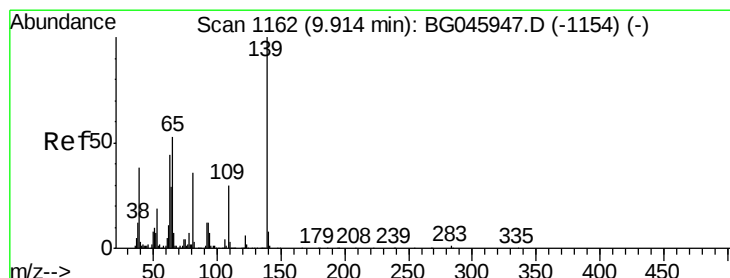
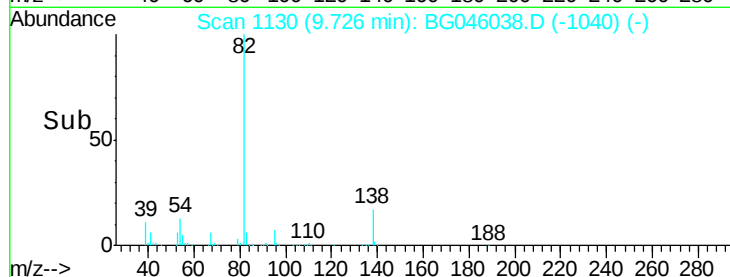
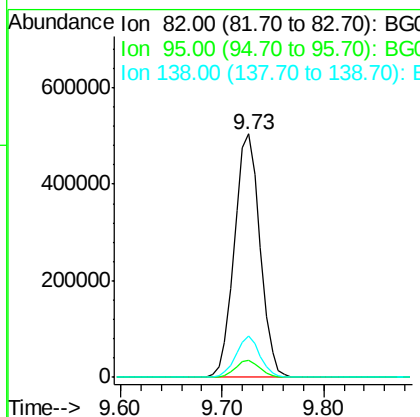
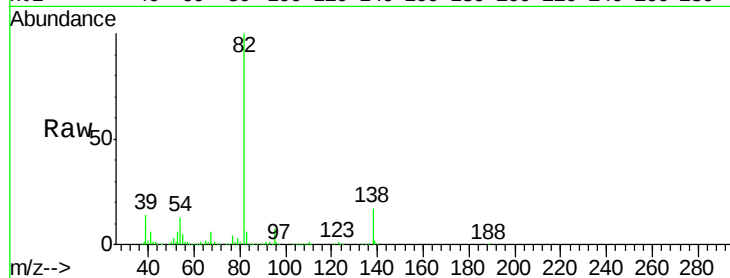
ClientSampleId :

PB130200BS

Tot Ion:	82	Resp:	882114
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.8	8.6
138	16.9	12.9	19.3

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



#26

2-Nitrophenol

Concen: 59.375 ng

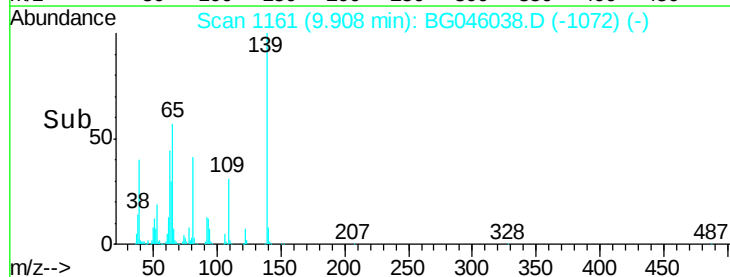
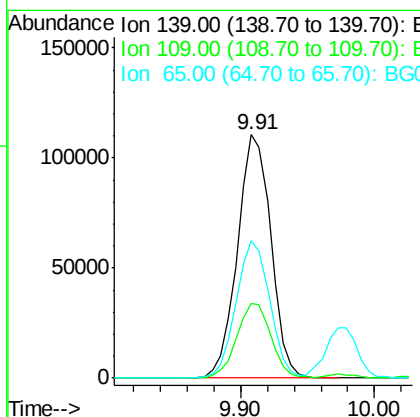
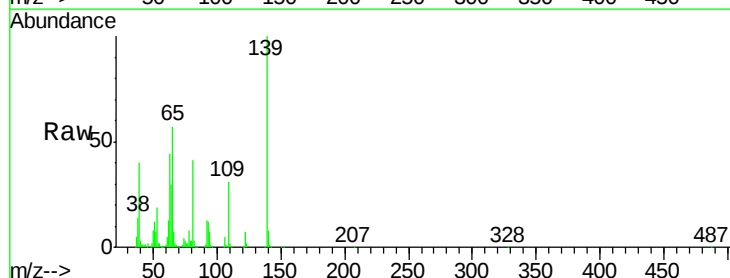
RT: 9.91 min Scan# 1161

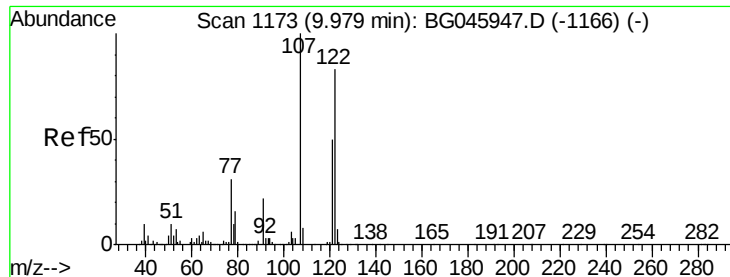
Delta R.T. -0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion:	139	Resp:	190944
Ion Ratio	Lower	Upper	
139	100		
109	30.6	24.6	37.0
65	56.6	42.6	64.0





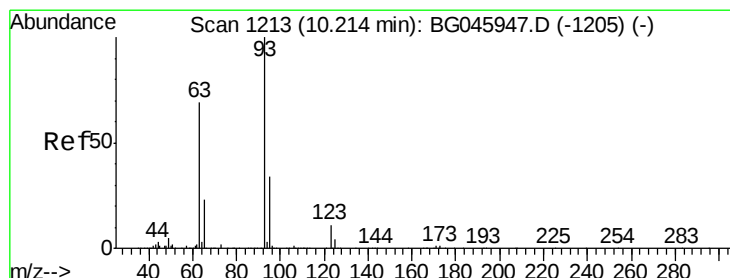
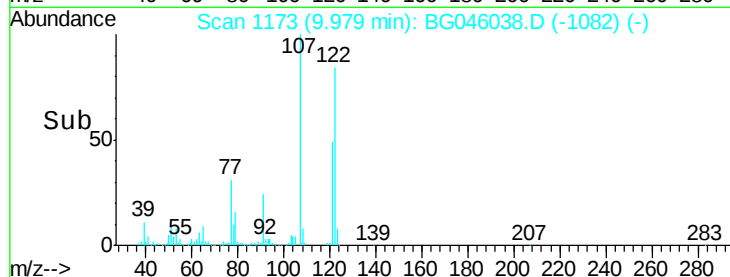
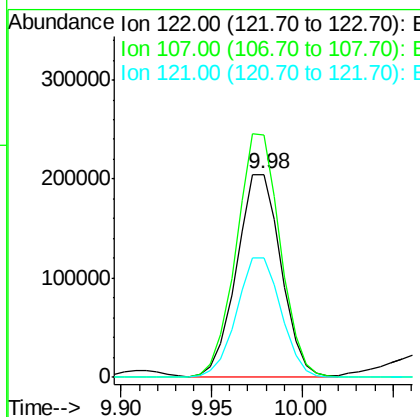
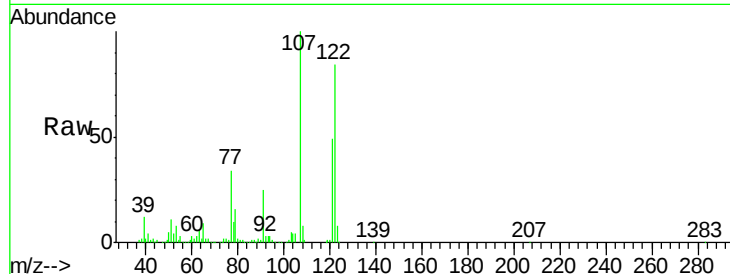
#27
 2,4-Dimethylphenol
 Concen: 44.826 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	95.6	143.4
121	58.6	47.7	71.5

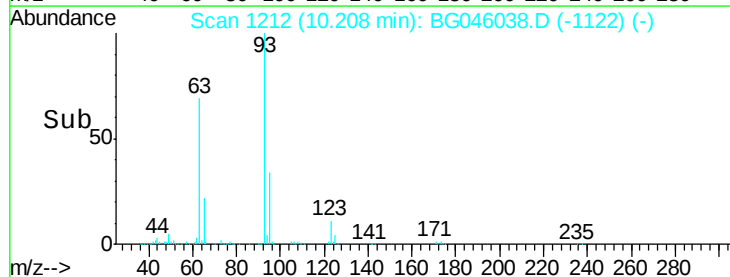
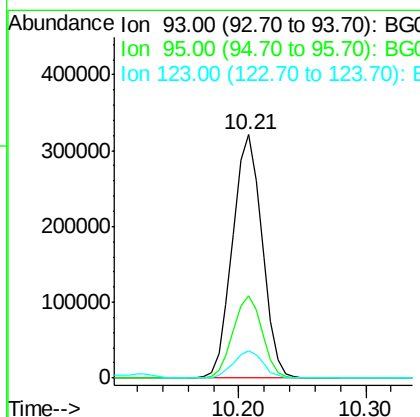
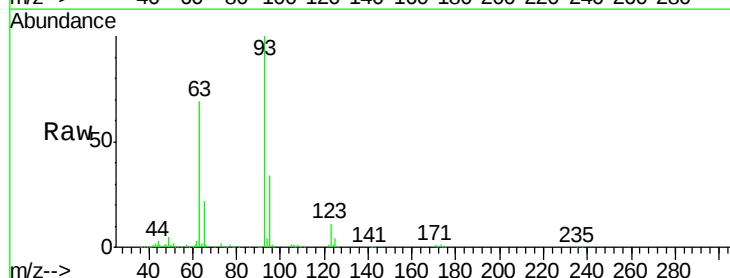
Manual Integrations
 APPROVED

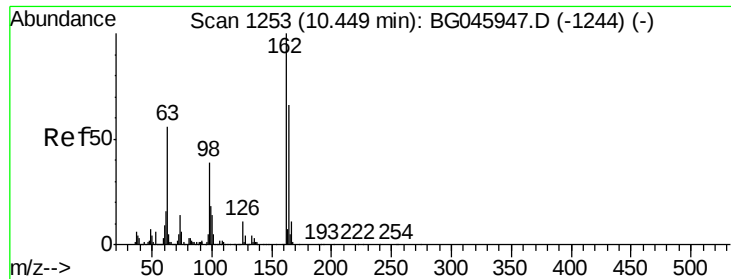
mohammad
 7/15/2020 11:01:36 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.198 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	27.5	41.3
123	11.2	9.2	13.8





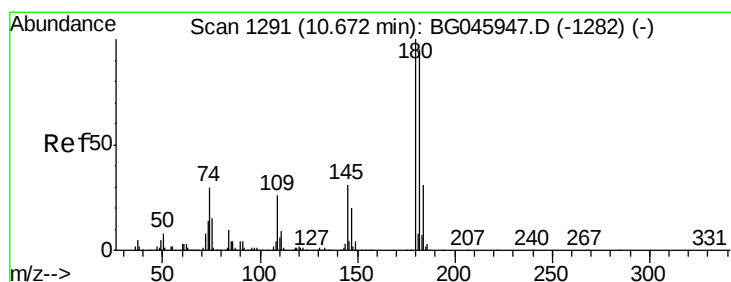
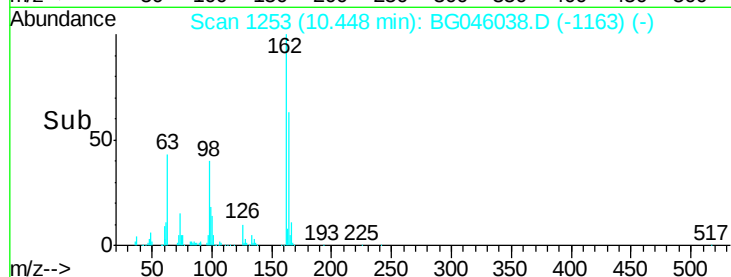
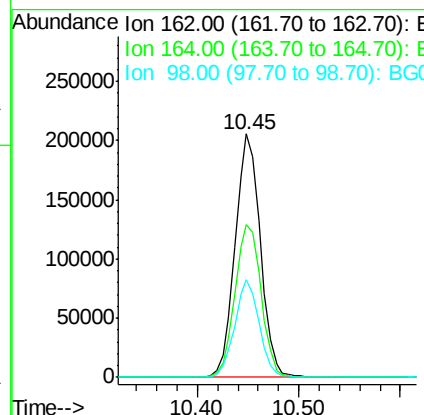
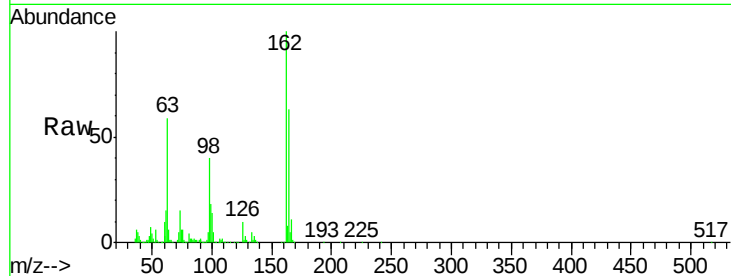
#29
 2,4-Dichlorophenol
 Concen: 44.085 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	354486		
164	62.7	46.0	86.0	
98	40.3	19.2	59.2	

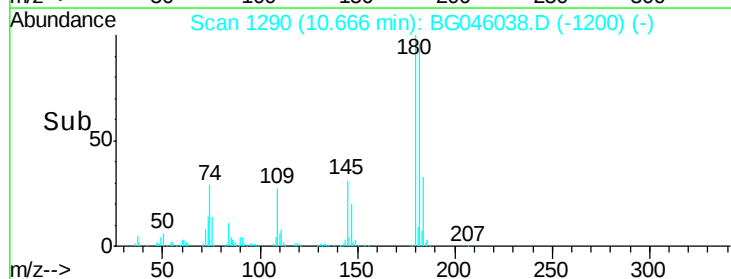
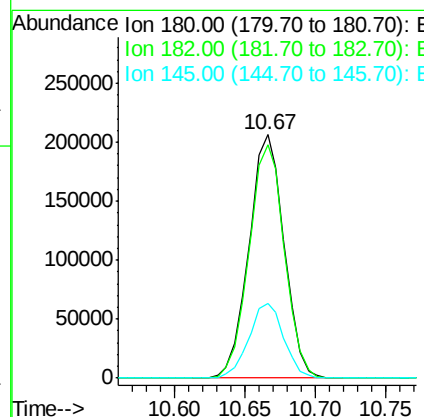
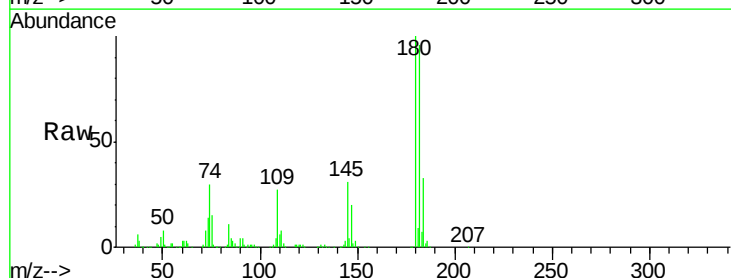
Manual Integrations
 APPROVED

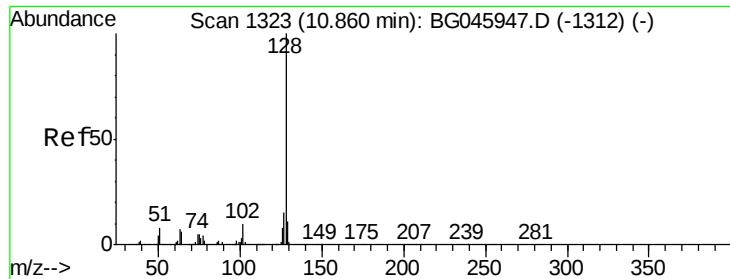
mohammad
 7/15/2020 11:01:36 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.341 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	359415		
182	96.1	76.3	114.5	
145	30.9	24.8	37.2	





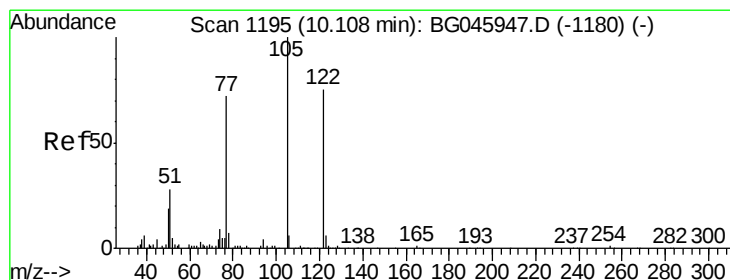
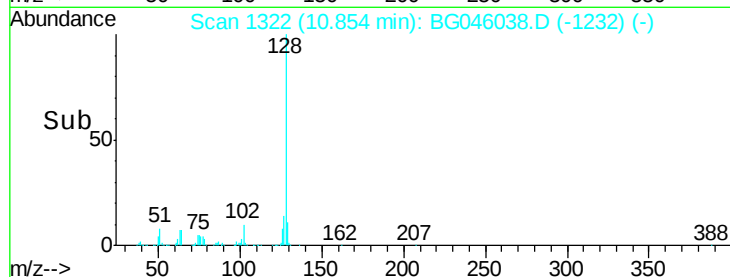
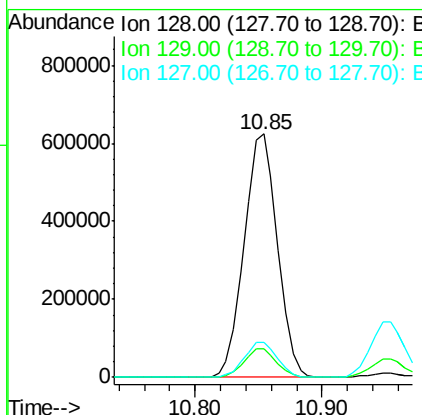
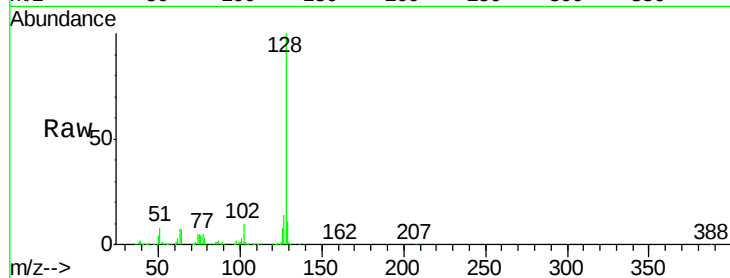
#31
Naphthalene
Concen: 41.159 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	14.4	11.8	17.6

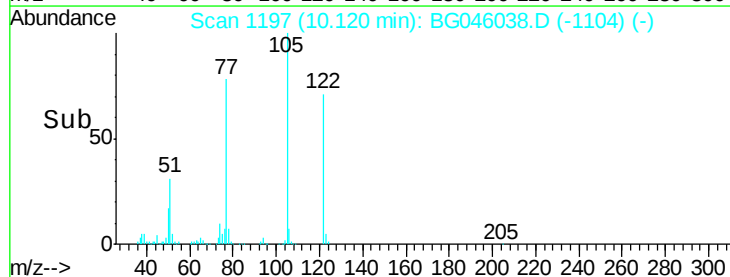
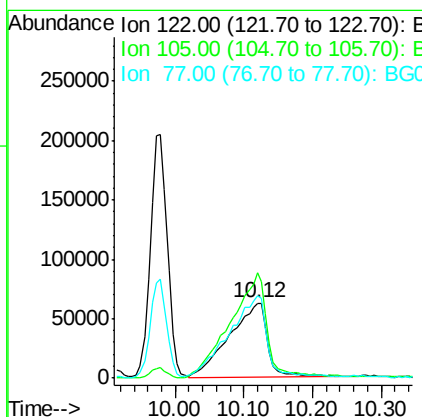
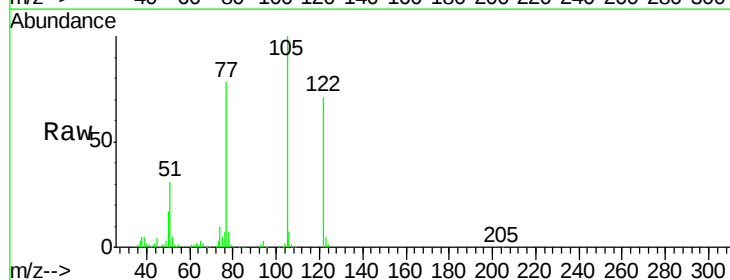
Manual Integrations
APPROVED

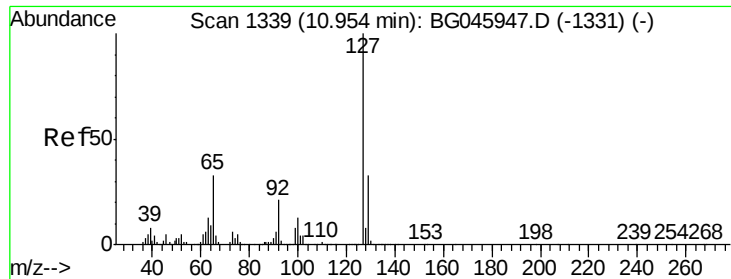
mohammad
7/15/2020 11:01:36 AM



#32
Benzoic acid
Concen: 50.465 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.1	110.8	150.8
77	110.3	76.4	116.4





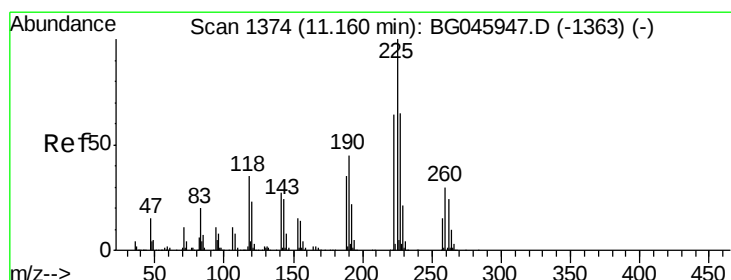
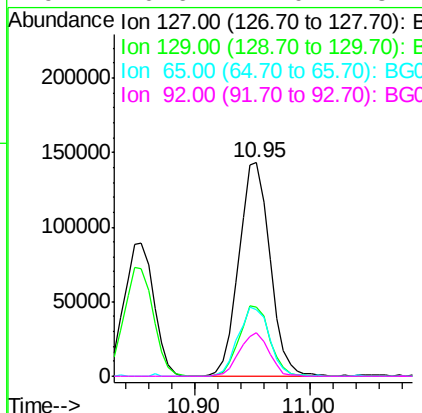
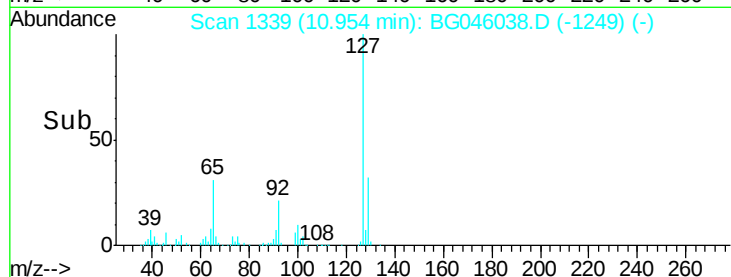
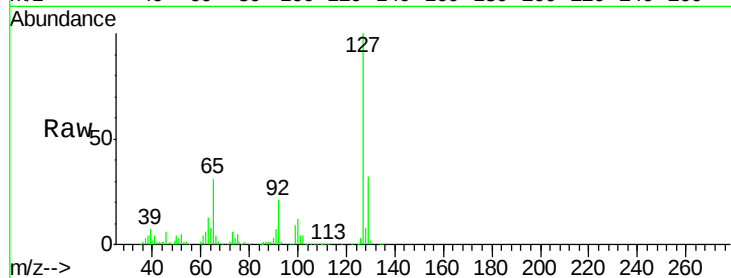
#33
4-Chloroaniline
Concen: 21.761 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampled :
PB130200BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		268214		
129	32.2	26.6	39.8		
65	31.4	26.8	40.2		
92	20.6	17.0	25.4		

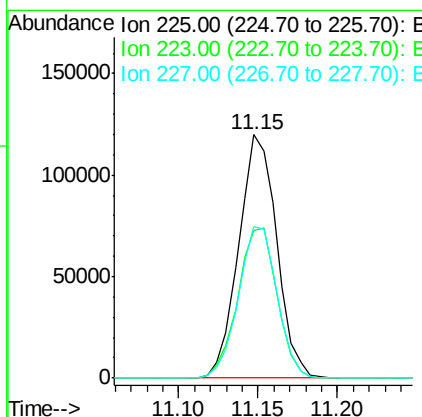
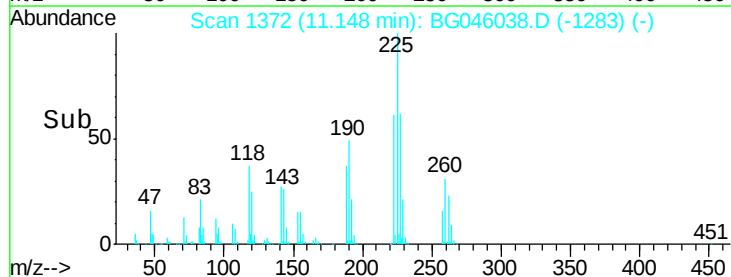
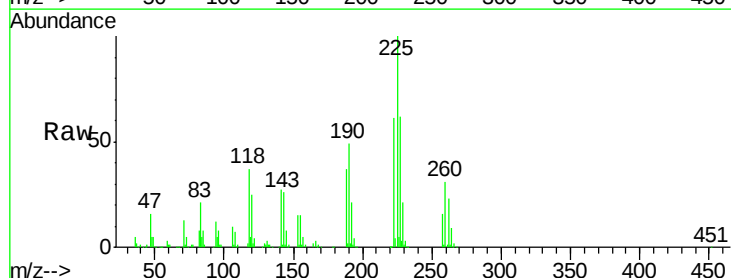
Manual Integrations
APPROVED

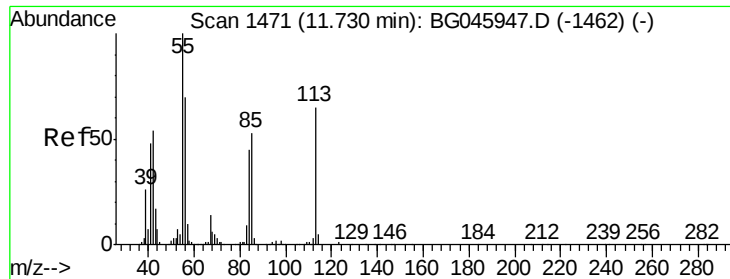
mohammad
7/15/2020 11:01:36 AM



#34
Hexachlorobutadiene
Concen: 38.270 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		199086		
223	60.5	51.2	76.8		
227	62.2	52.3	78.5		





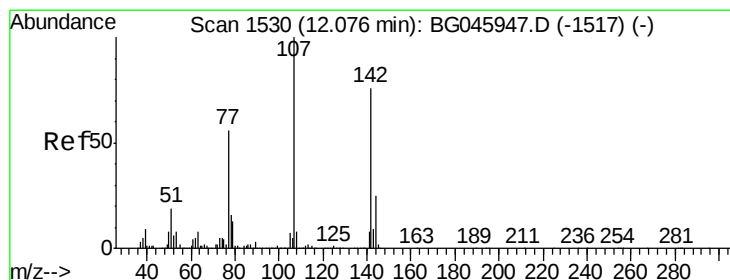
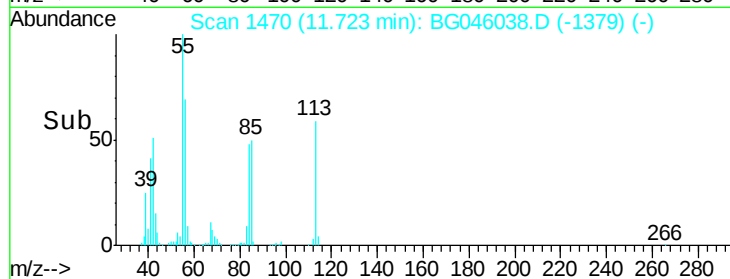
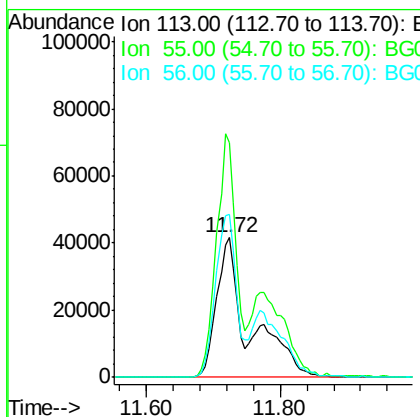
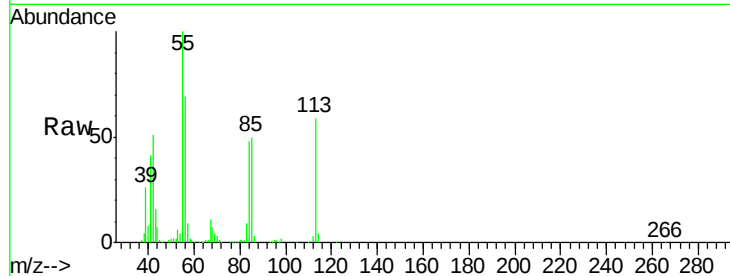
#35
Caprolactam
Concen: 45.529 ng/ml
RT: 11.72 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleID :
PB130200BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	168.3		141.6	181.6	
56	116.8		89.6	129.6	

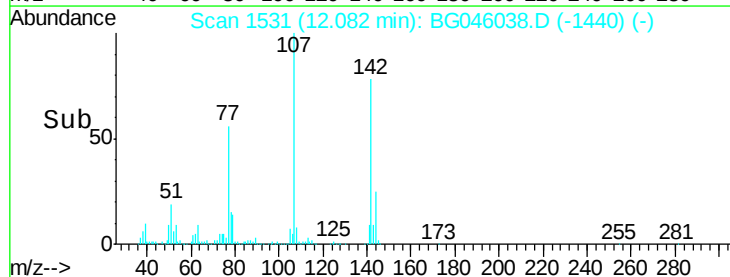
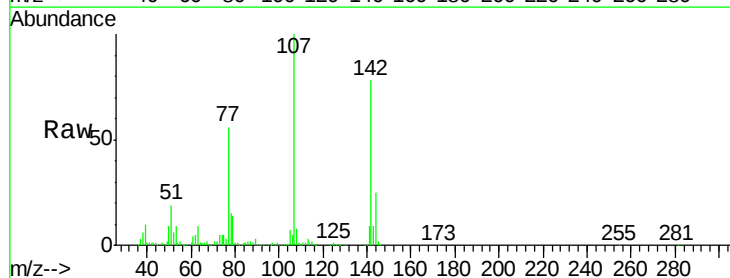
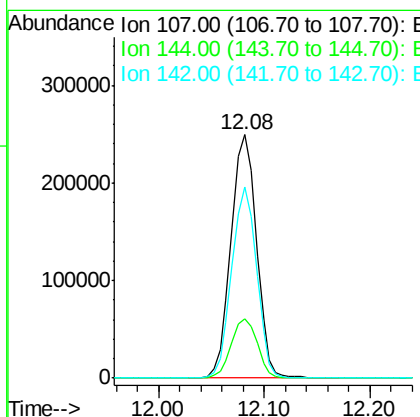
Manual Integrations
APPROVED

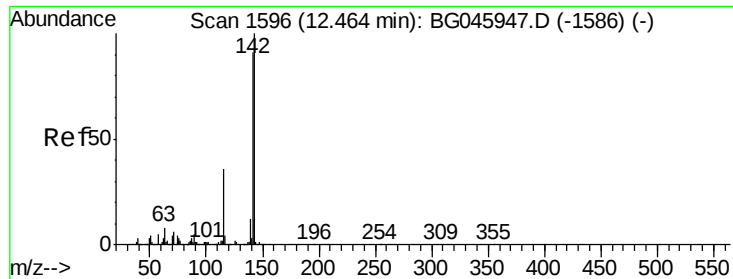
mohammad
7/15/2020 11:01:36 AM



#36
4-Chloro-3-methylphenol
Concen: 45.497 ng/ml
RT: 12.08 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.5		20.0	30.0	
142	78.5		61.1	91.7	





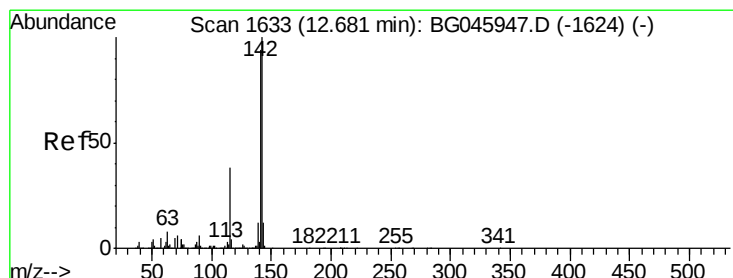
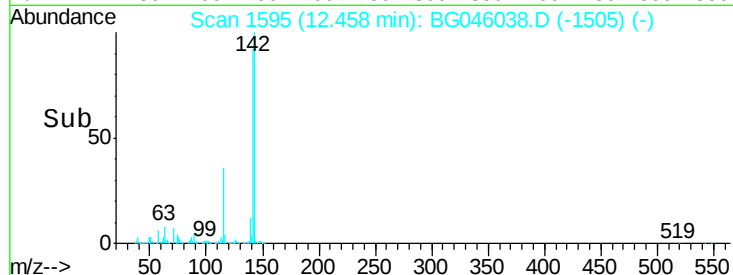
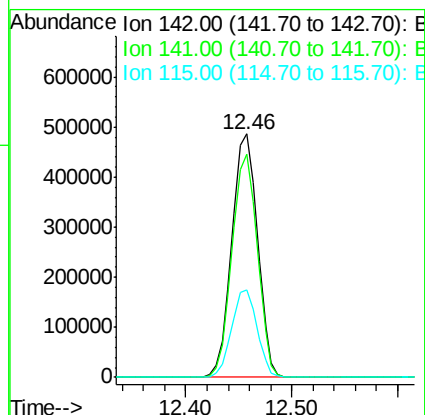
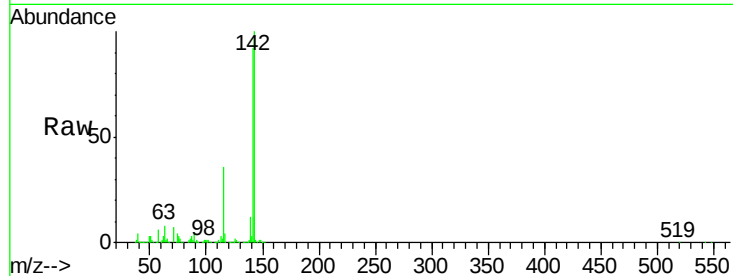
#37
2-Methylnaphthalene
Concen: 41.559 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.6
115	35.8	28.8	43.2

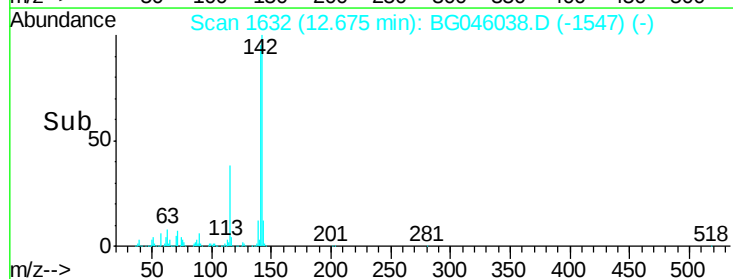
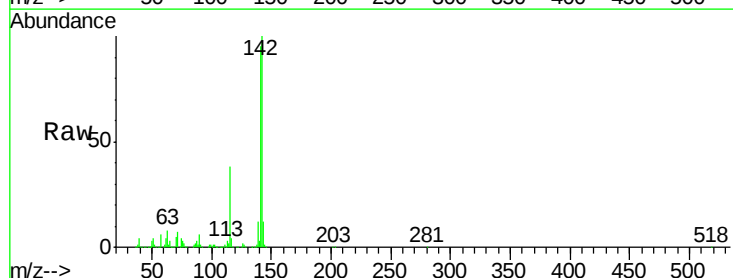
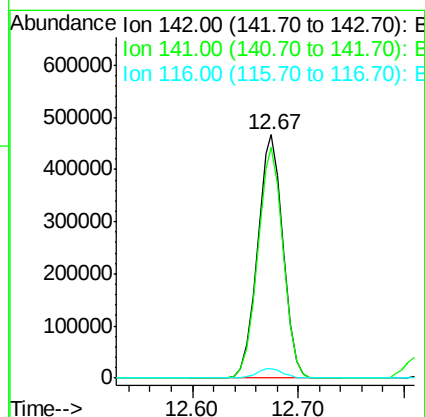
Manual Integrations
APPROVED

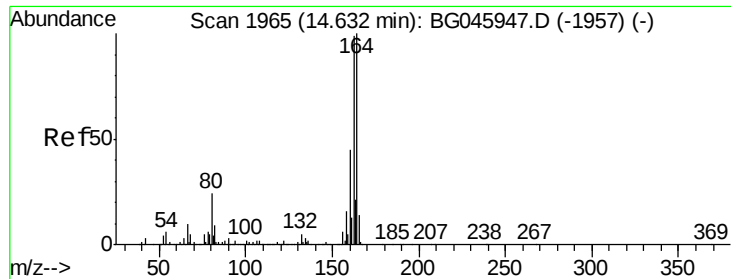
mohammad
7/15/2020 11:01:36 AM



#38
1-Methylnaphthalene
Concen: 42.033 ng
RT: 12.67 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.2	112.8
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

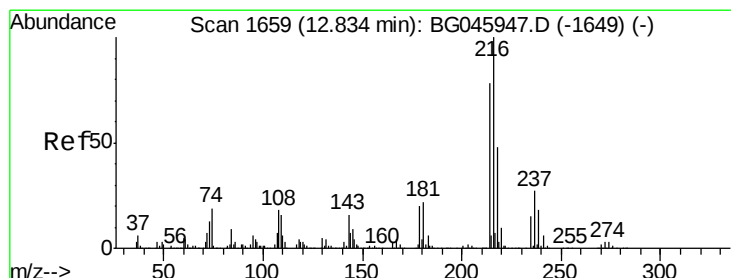
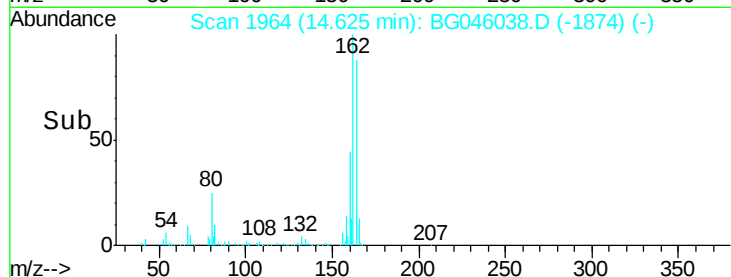
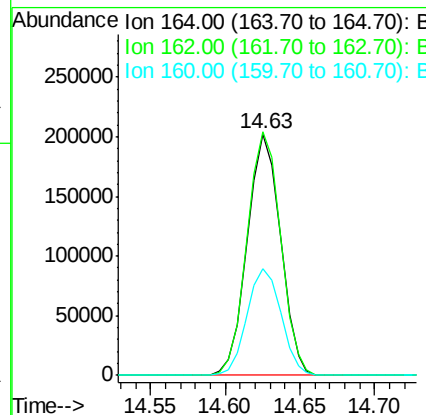
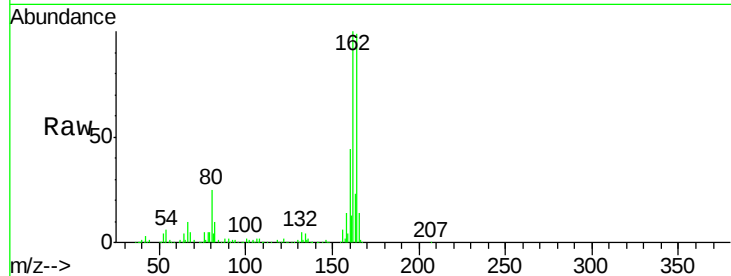
ClientSampled :

PB130200BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.3	118.9
160	44.0	35.7	53.5

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.686 ng

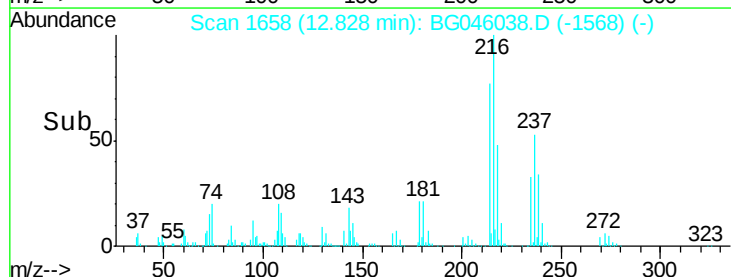
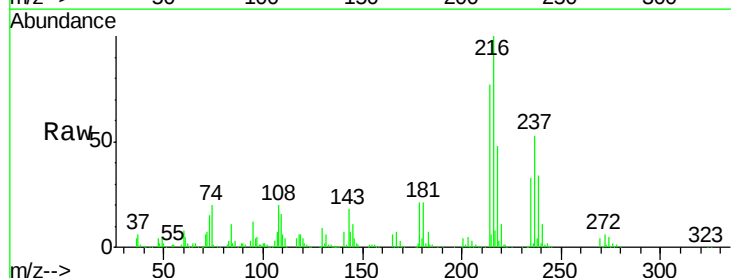
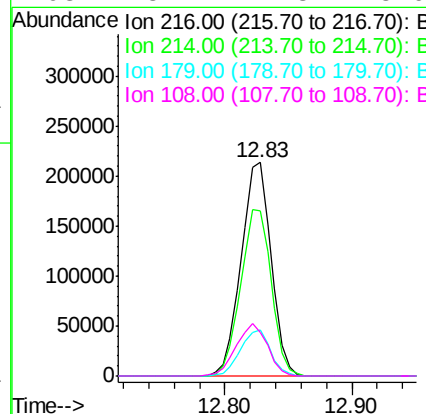
RT: 12.83 min Scan# 1658

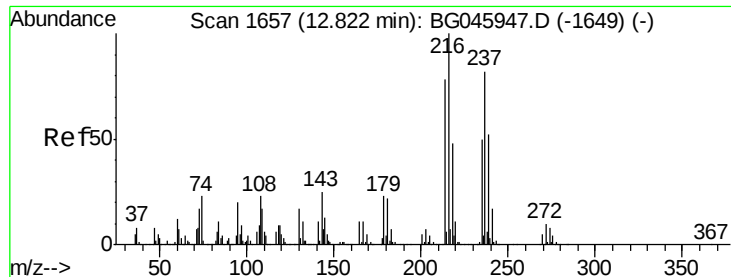
Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	21.4	17.0	25.6
108	25.4	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 85.751 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

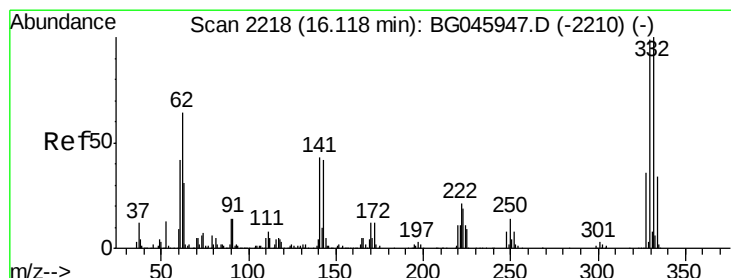
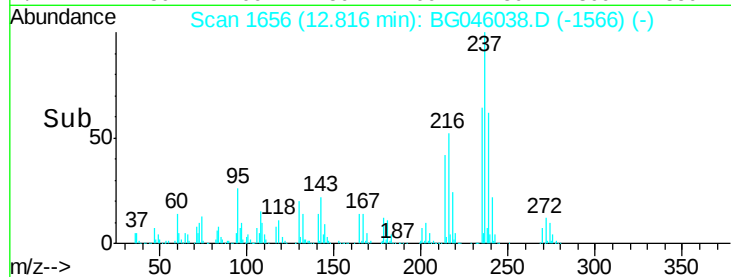
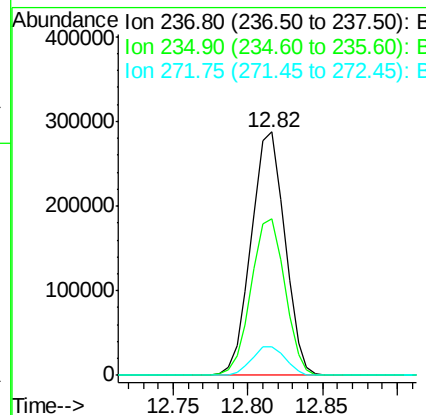
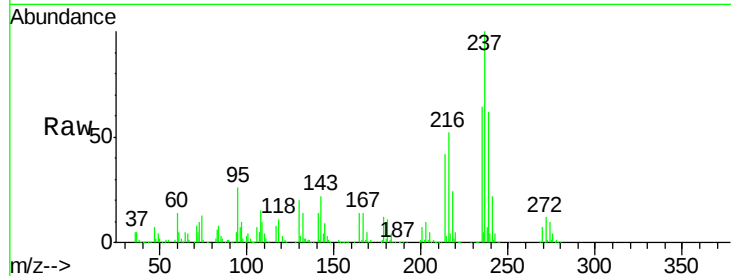
ClientSampleId :

PB130200BS

Tot Ion:	237	Resp:	448053
Ion Ratio	Lower	Upper	
237	100		
235	64.2	41.5	81.5
272	11.8	0.0	31.7

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



#42

2,4,6-Tribromophenol

Concen: 111.808 ng

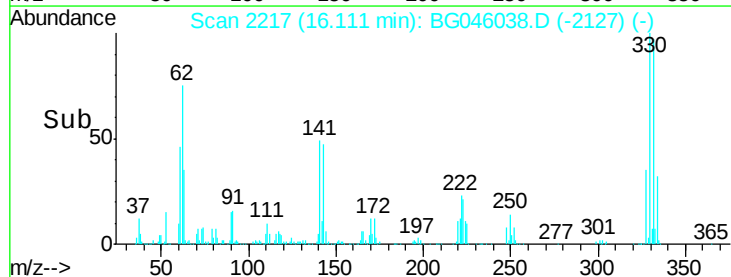
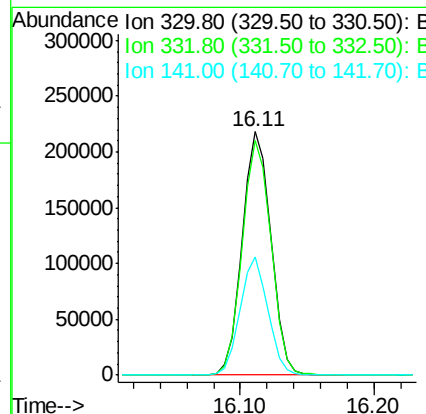
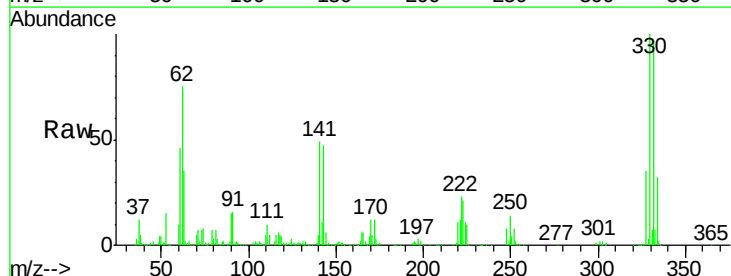
RT: 16.11 min Scan# 2217

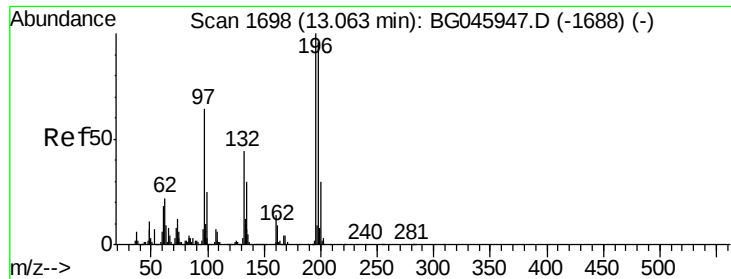
Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion:	330	Resp:	324158
Ion Ratio	Lower	Upper	
330	100		
332	97.1	78.3	117.5
141	47.4	36.6	54.8





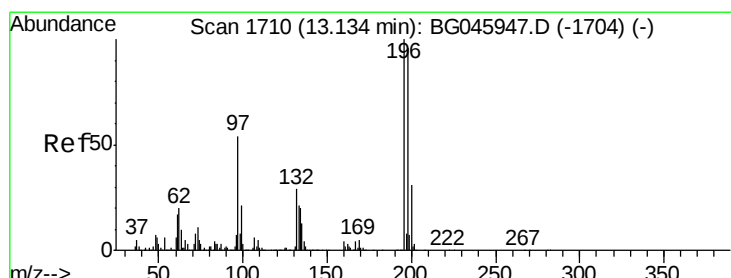
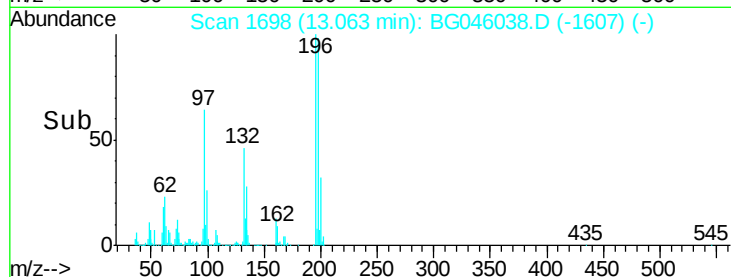
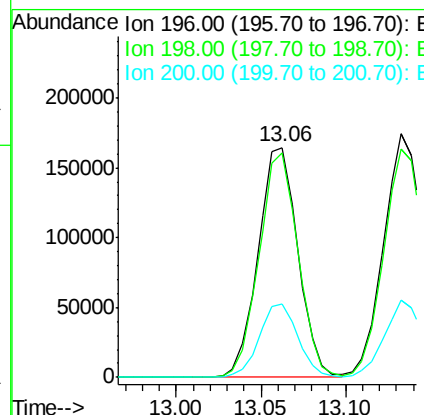
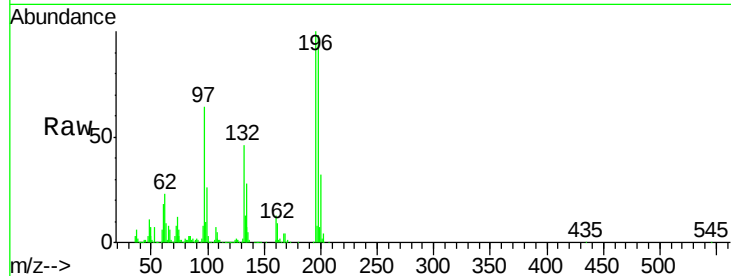
#43
 2,4,6-Trichlorophenol
 Concen: 44.937 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.01 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	267617		
198	97.6	76.7	115.1	
200	31.8	24.3	36.5	

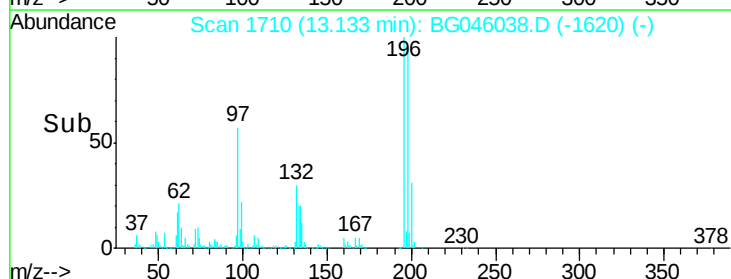
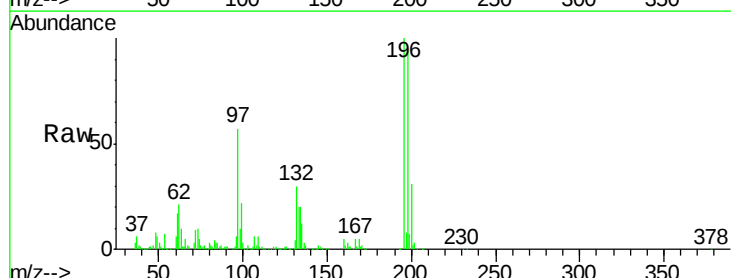
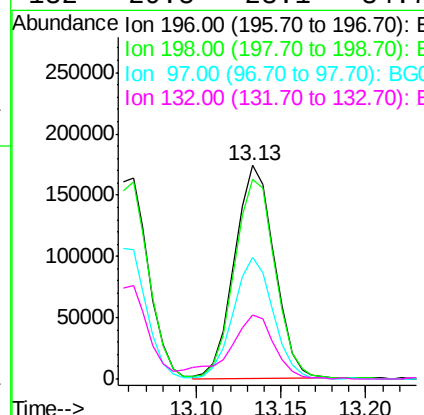
Manual Integrations
 APPROVED

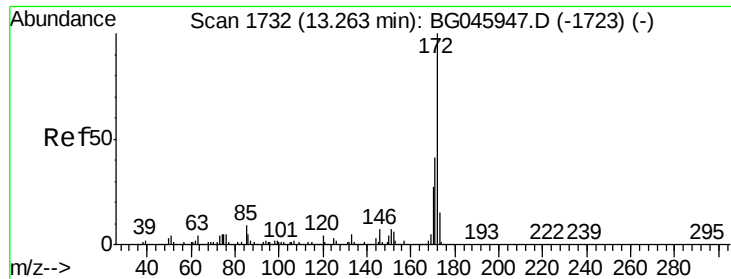
mohammad
 7/15/2020 11:01:36 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.537 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	286422		
198	93.7	77.0	115.6	
97	57.1	44.3	66.5	
132	29.8	23.1	34.7	





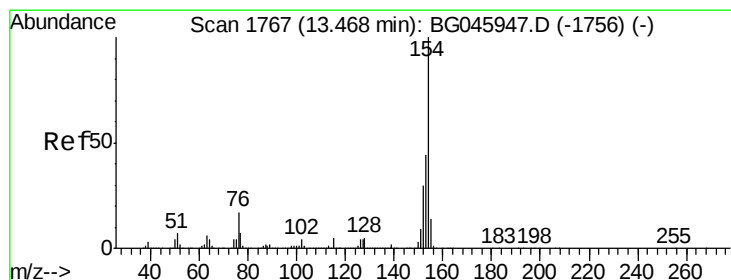
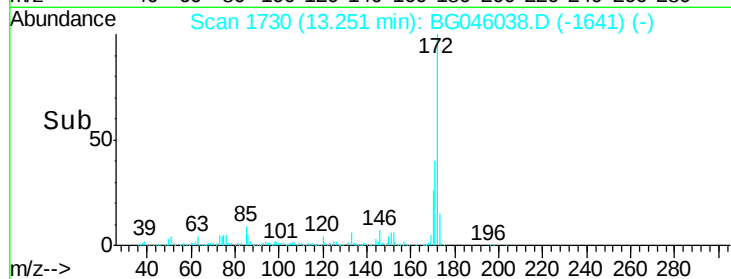
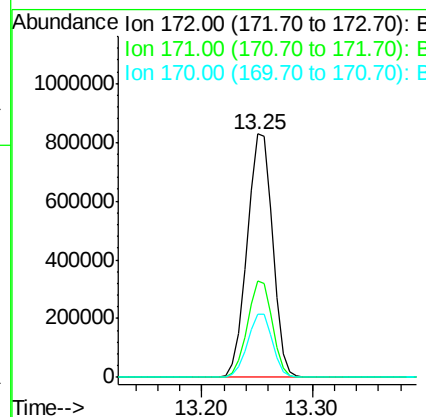
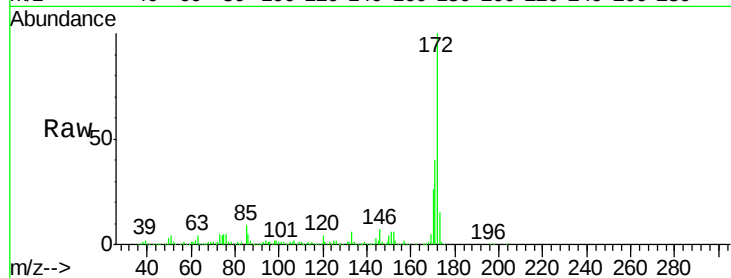
#45
2-Fluorobiphenyl
Concen: 67.134 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampled :
PB130200BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	32.9	49.3
170	26.2	21.8	32.6

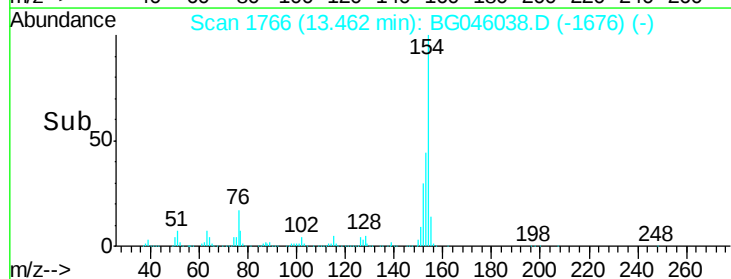
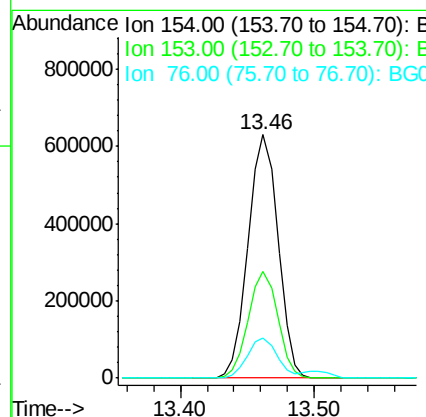
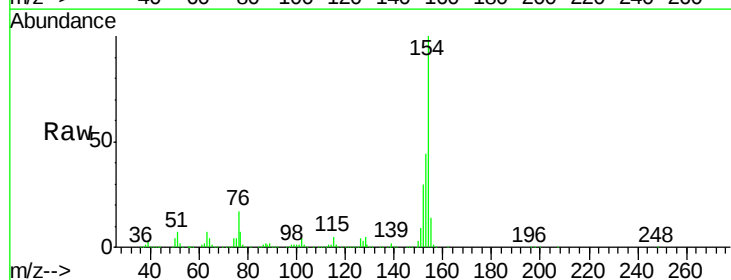
Manual Integrations
APPROVED

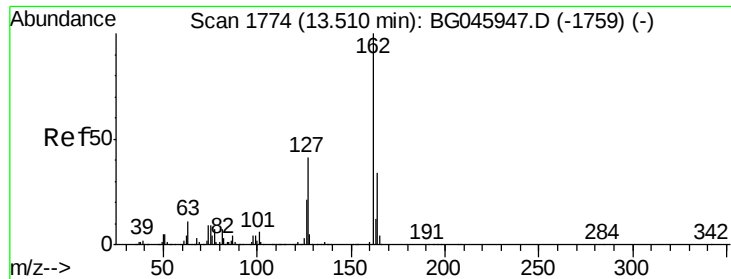
mohammad
7/15/2020 11:01:36 AM



#46
1,1'-Biphenyl
Concen: 41.466 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	23.6	63.6
76	16.7	0.0	36.9





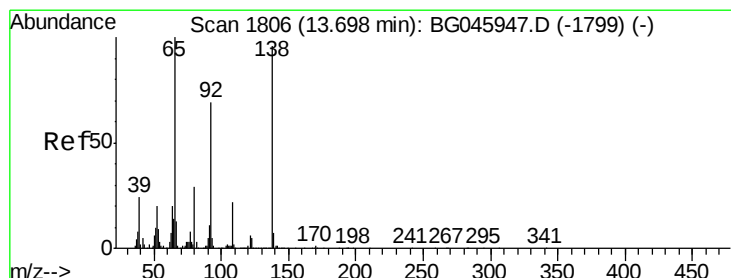
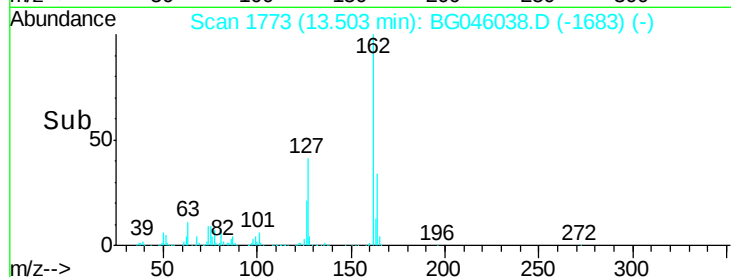
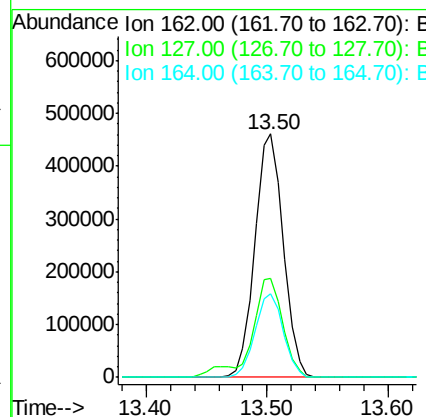
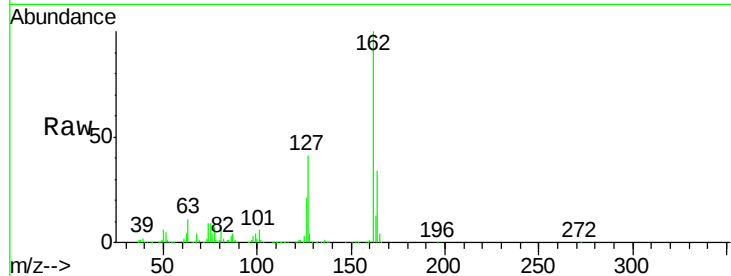
#47
 2-Chloronaphthalene
 Concen: 40.603 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.7	32.5	48.7
164	34.1	27.2	40.8

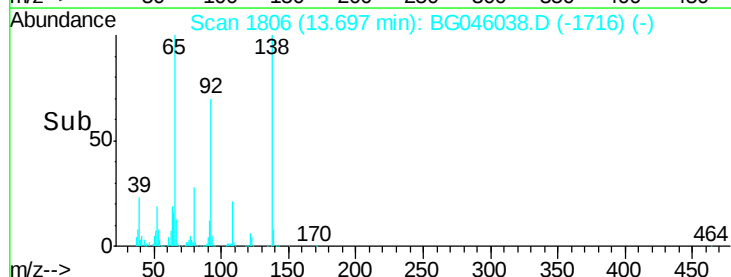
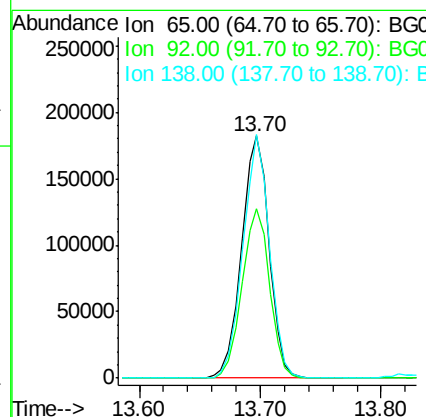
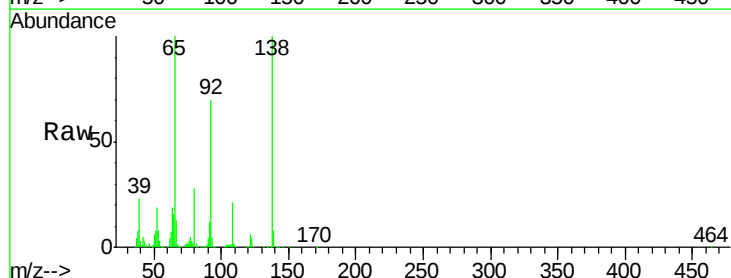
Manual Integrations
 APPROVED

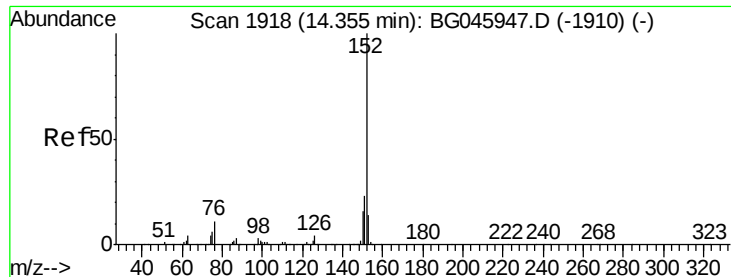
mohammad
 7/15/2020 11:01:36 AM



#48
 2-Nitroaniline
 Concen: 55.172 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	69.9	55.4	83.0
138	100.5	77.0	115.4





#49

Acenaphthylene

Concen: 41.208 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

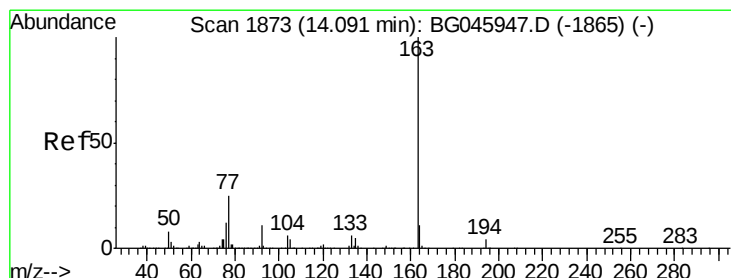
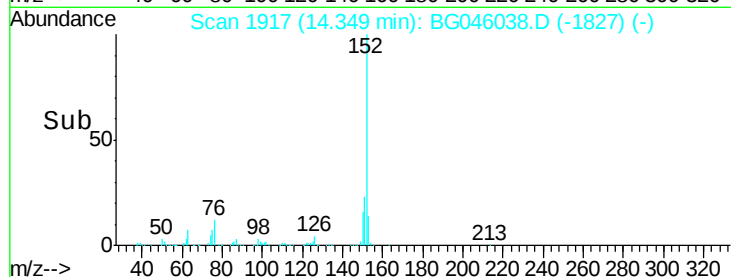
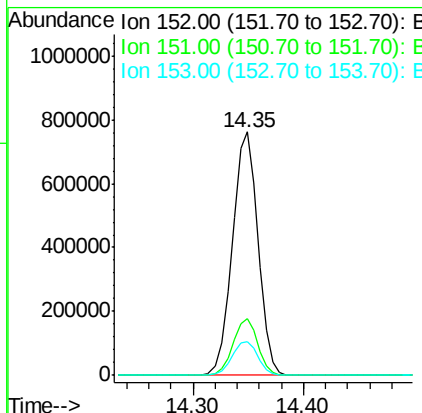
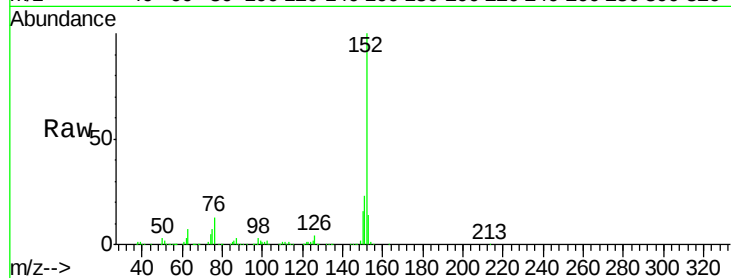
ClientSampleId :

PB130200BS

Tot Ion	Ion	Ratio	Lower	Upper
1232717	152	100		
	151	23.1	18.1	27.1
	153	14.0	11.5	17.3

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



#50

Dimethylphthalate

Concen: 41.217 ng

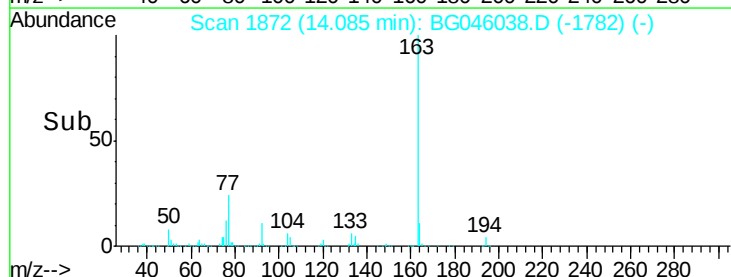
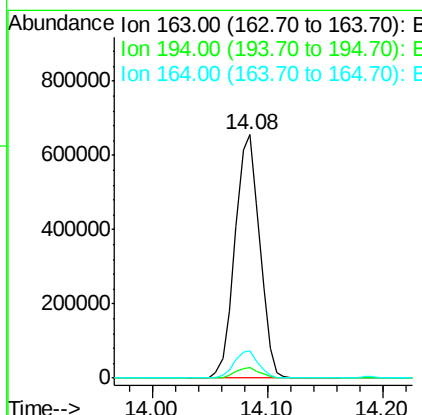
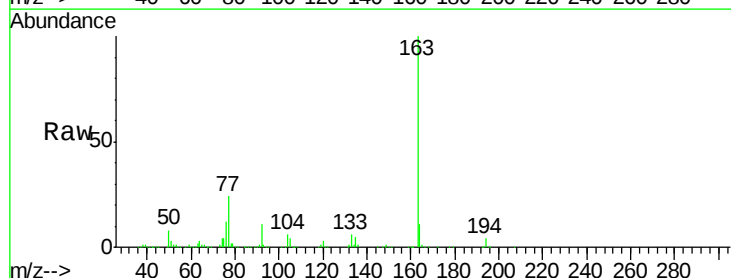
RT: 14.08 min Scan# 1872

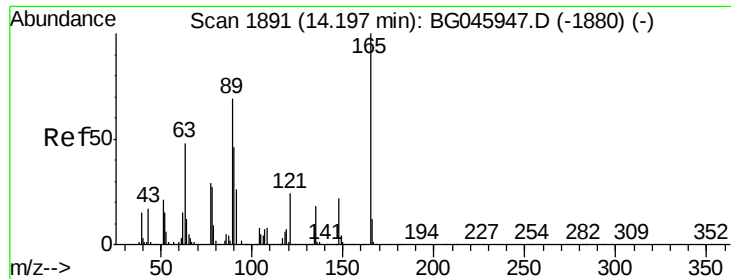
Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
966268	163	100		
	194	4.3	3.6	5.4
	164	11.1	8.9	13.3





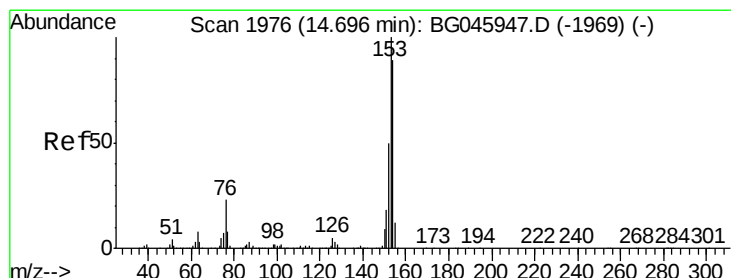
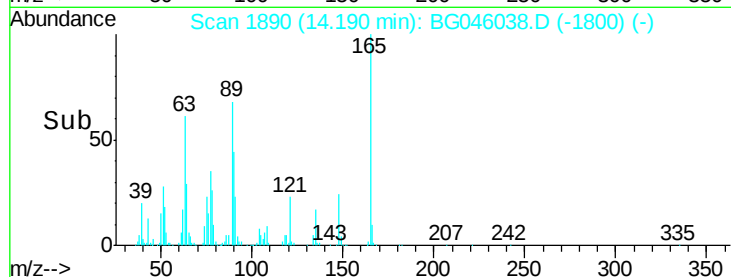
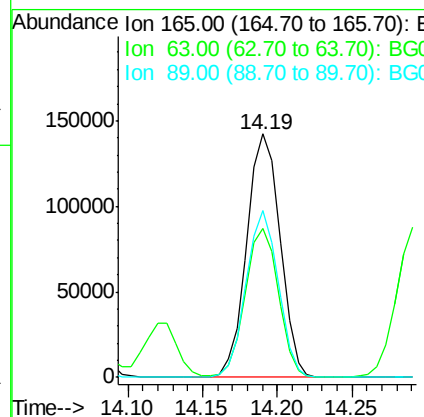
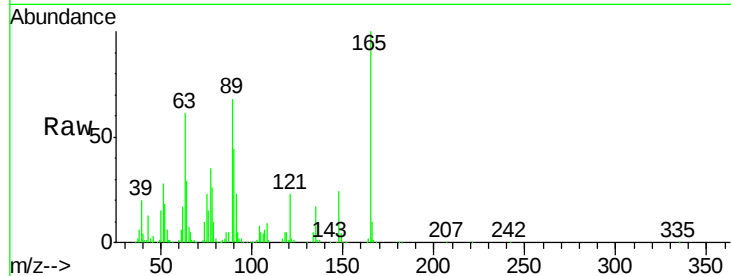
#51
 2,6-Dinitrotoluene
 Concen: 52.248 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	220400		
63	61.0		51.0	76.4
89	68.3		55.7	83.5

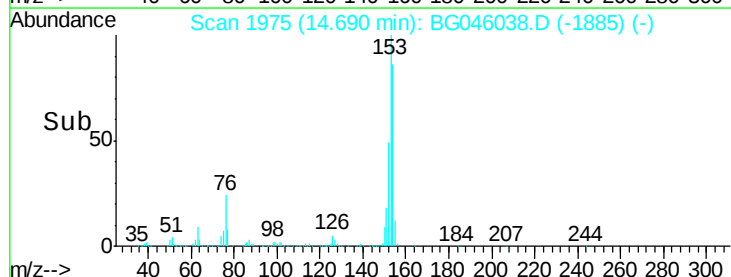
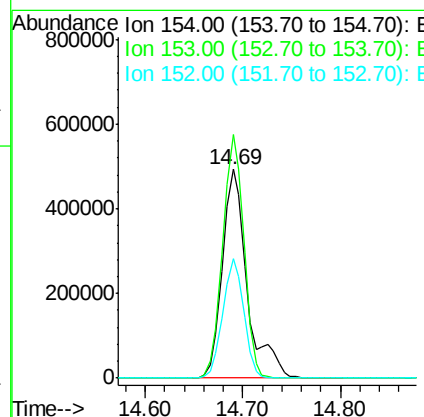
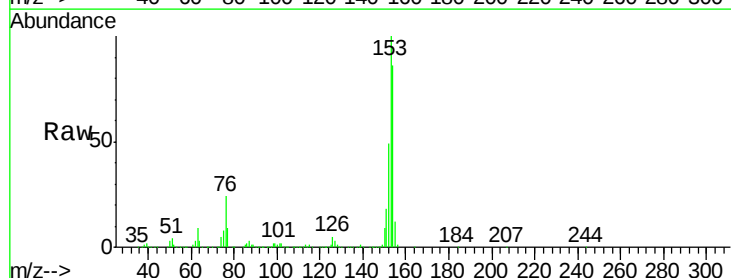
Manual Integrations
 APPROVED

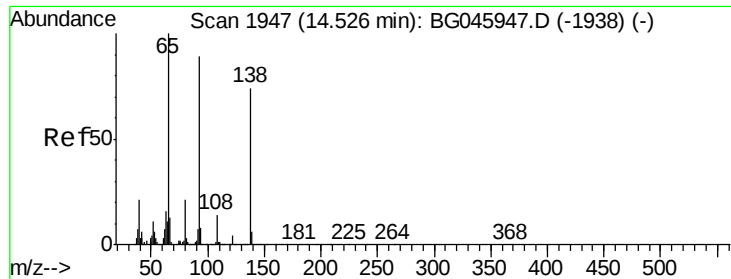
mohammad
 7/15/2020 11:01:36 AM



#52
 Acenaphthene
 Concen: 46.239 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	872474		
153	116.5		89.7	134.5
152	57.1		44.7	67.1





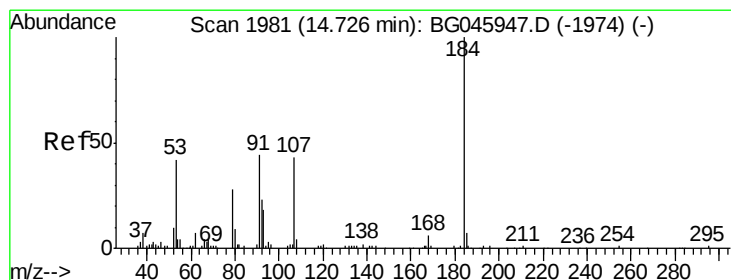
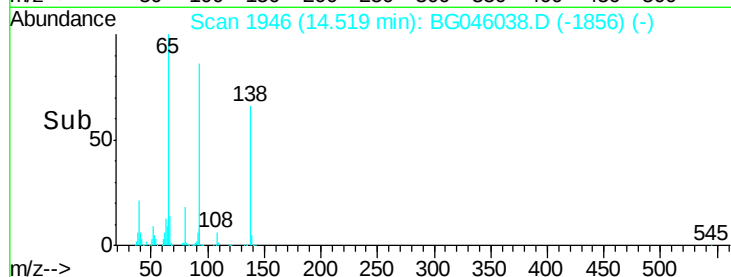
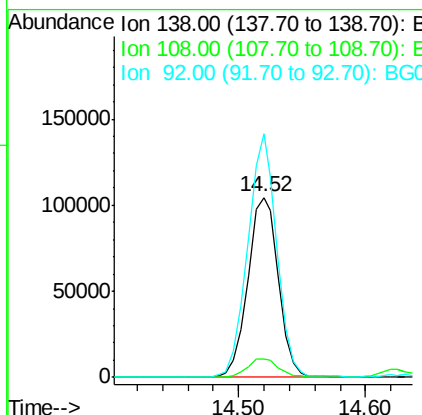
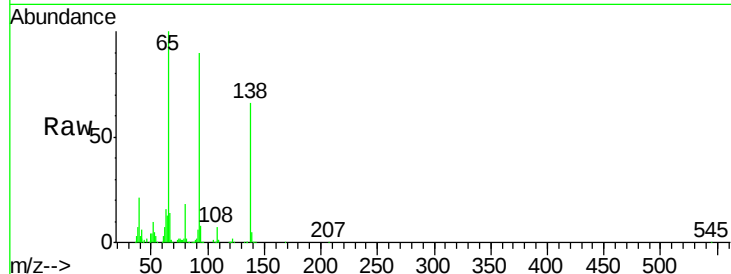
#53
3-Nitroaniline
Concen: 34.948 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	15.4	23.2#
92	135.1	95.9	143.9

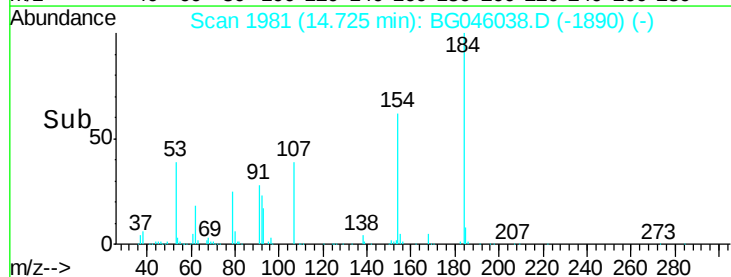
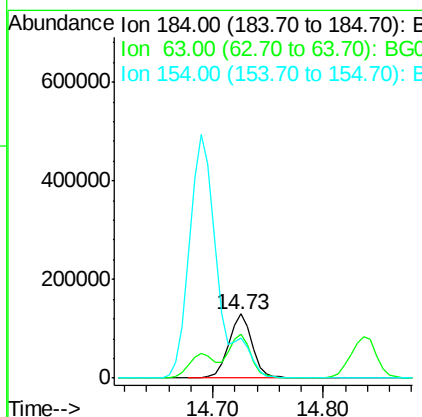
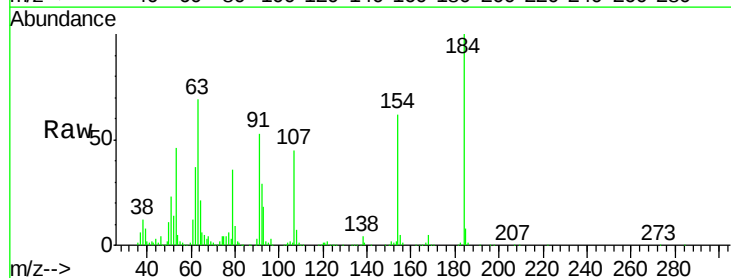
Manual Integrations
APPROVED

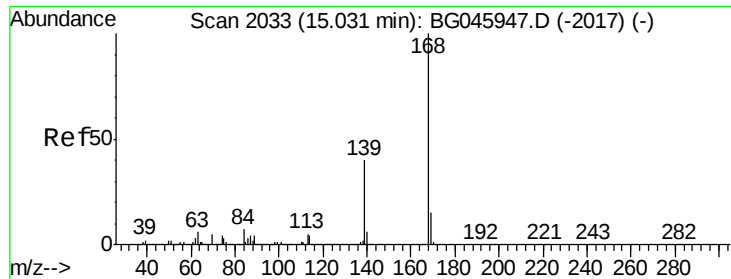
mohammad
7/15/2020 11:01:36 AM



#54
2,4-Dinitrophenol
Concen: 120.952 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.0	46.0	69.0#
154	62.2	58.2	87.2





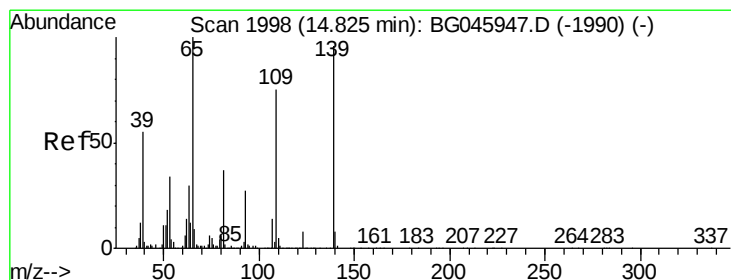
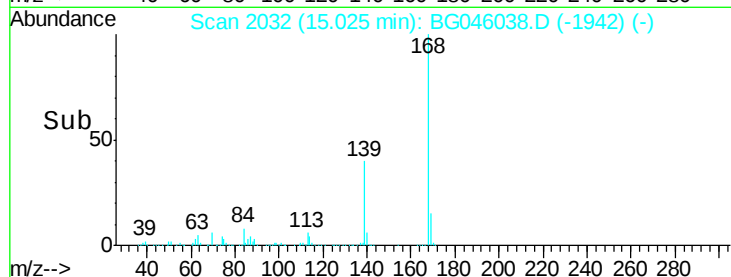
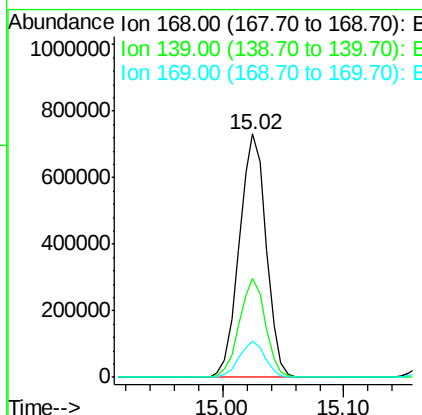
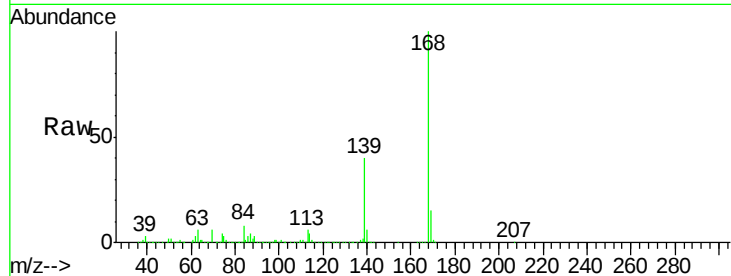
#55
Dibenzofuran
Concen: 40.945 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	32.2	48.2
169	14.9	11.8	17.8

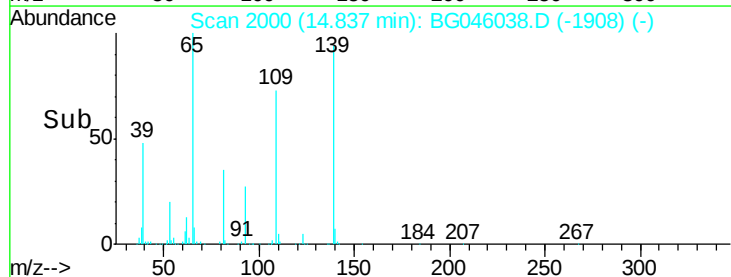
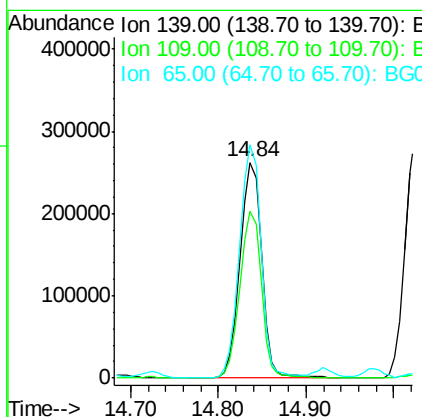
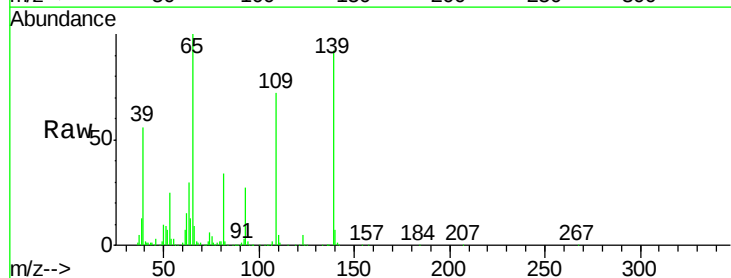
Manual Integrations
APPROVED

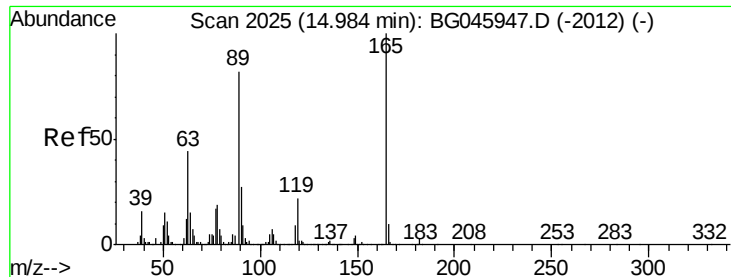
mohammad
7/15/2020 11:01:36 AM



#56
4-Nitrophenol
Concen: 114.424 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.4	58.5	98.5
65	108.1	84.7	124.7





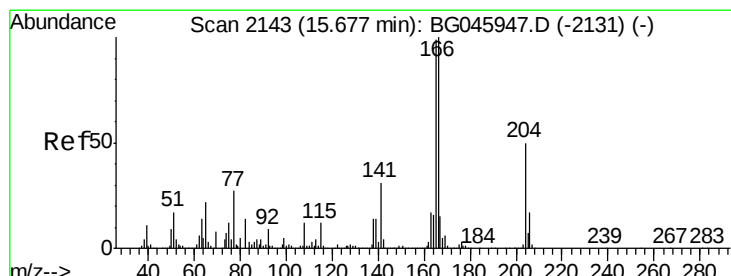
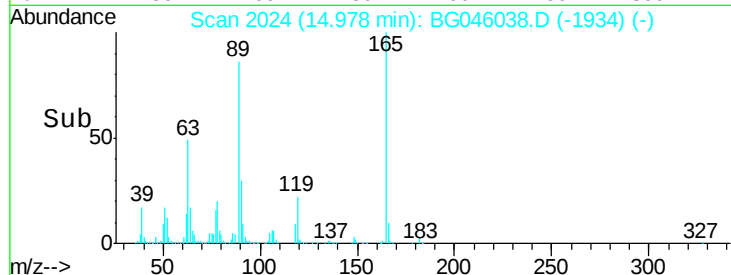
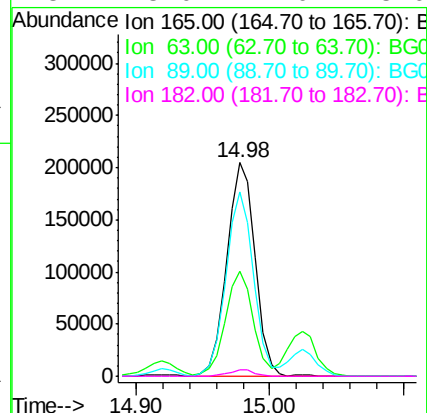
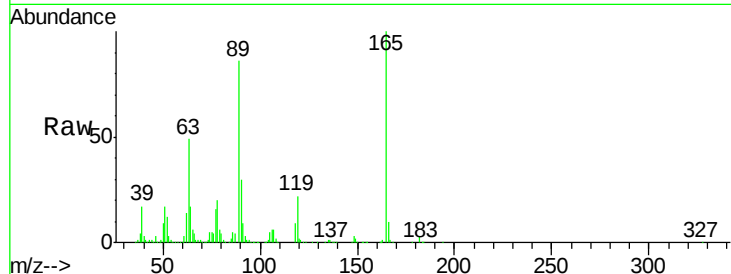
#57
2,4-Dinitrotoluene
Concen: 55.878 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	49.1	35.4	53.0
89	86.4	65.4	98.2
182	3.0	2.0	3.0#

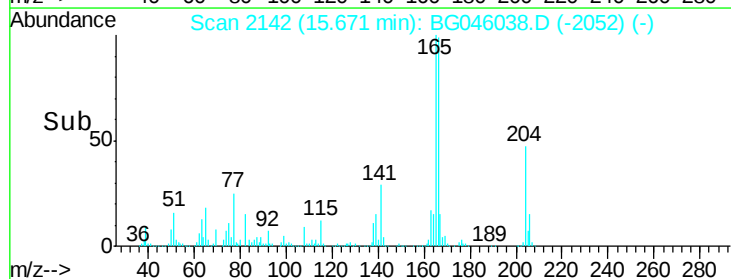
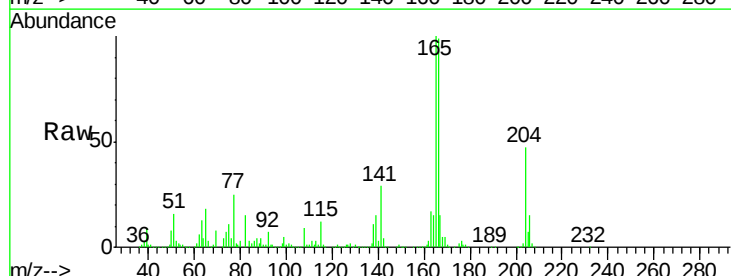
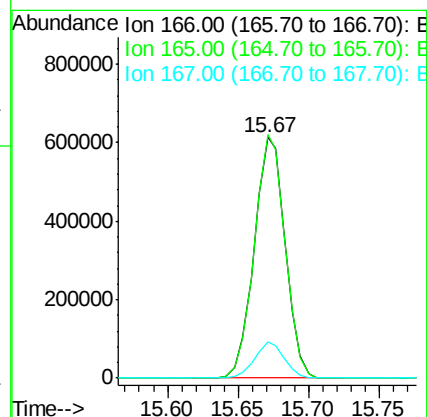
Manual Integrations
APPROVED

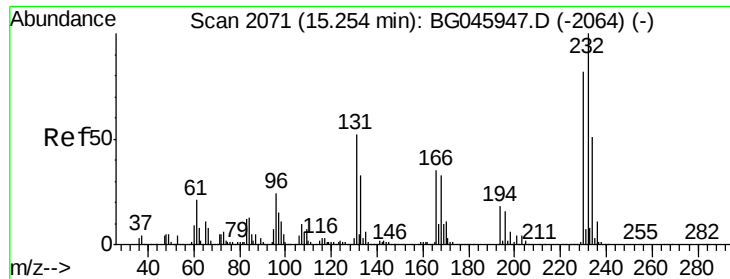
mohammad
7/15/2020 11:01:36 AM



#58
Fluorene
Concen: 41.727 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	101.1	78.9	118.3
167	15.0	12.1	18.1





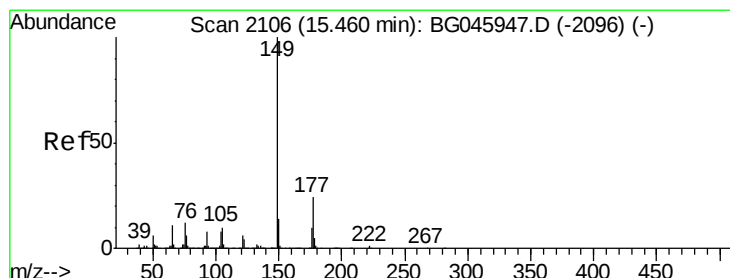
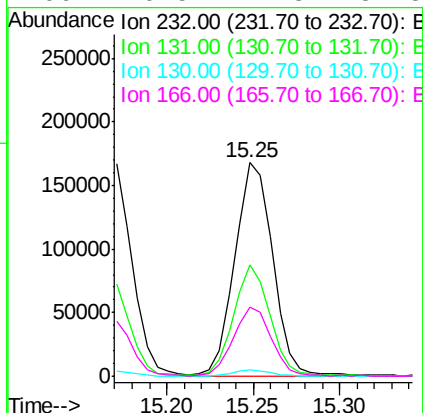
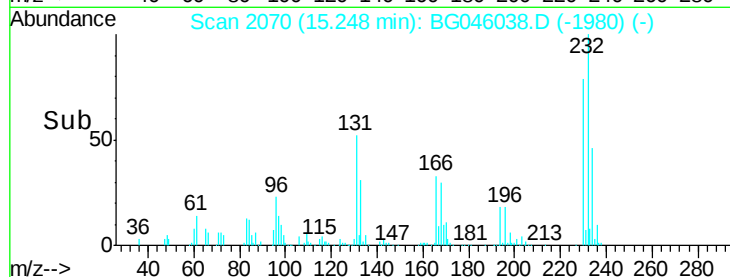
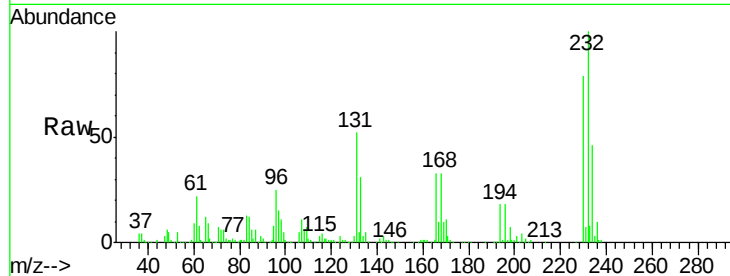
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.411 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Instrument :
 BNA_G
 ClientSampleID :
 PB130200BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	256881		
131	43.7		35.8	53.6
130	2.9		2.5	3.7
166	26.5		21.8	32.8

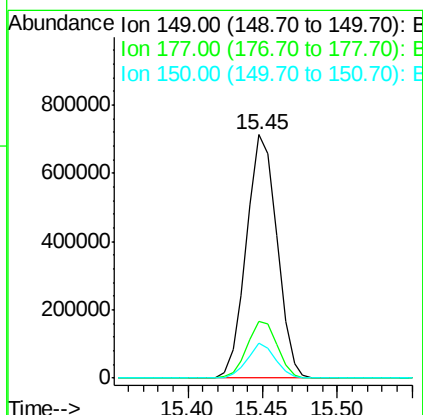
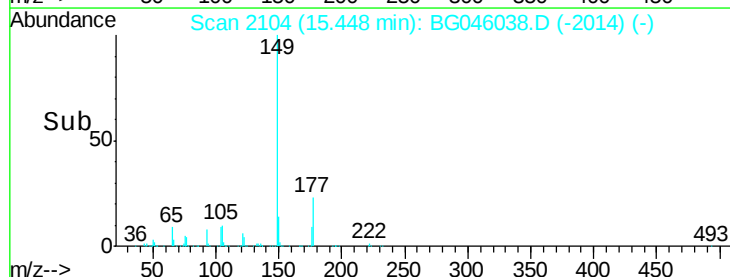
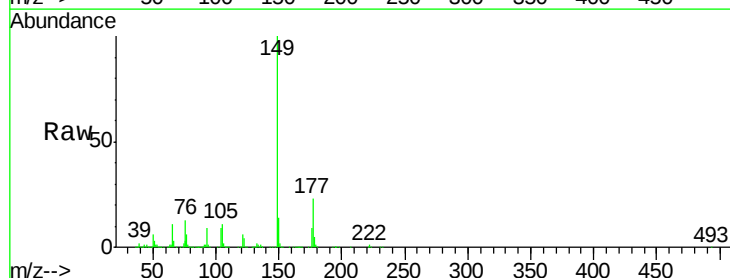
Manual Integrations
 APPROVED

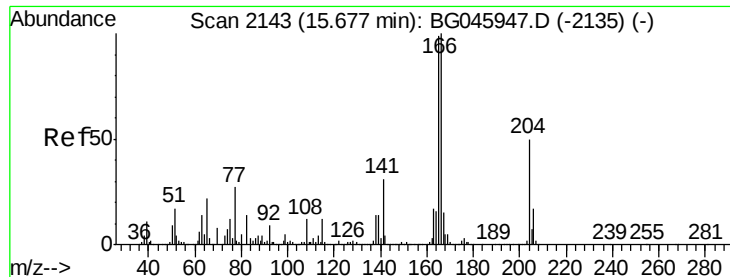
mohammad
 7/15/2020 11:01:36 AM



#60
 Diethylphthalate
 Concen: 40.926 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1006197		
177	23.5		19.0	28.4
150	14.2		11.0	16.4





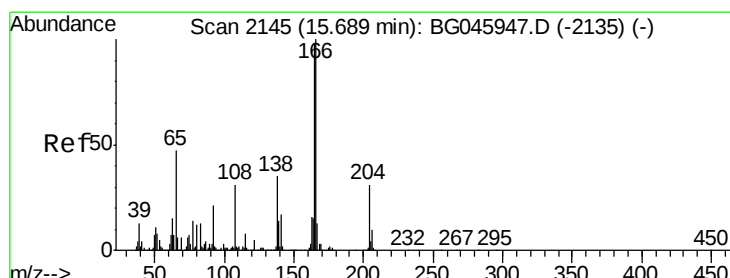
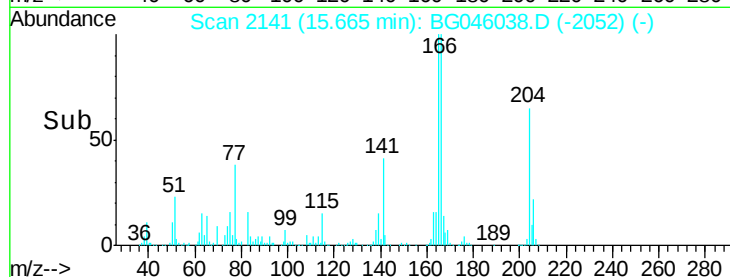
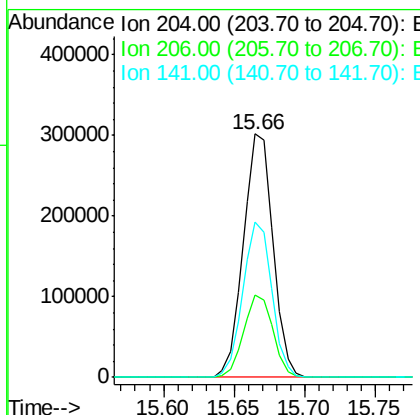
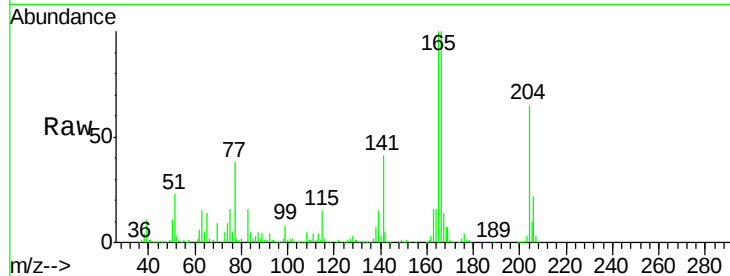
#61
4-Chlorophenyl-phenylether
Concen: 39.225 ng
RT: 15.66 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	442784		
206	33.8	27.1	40.7	
141	63.8	49.8	74.8	

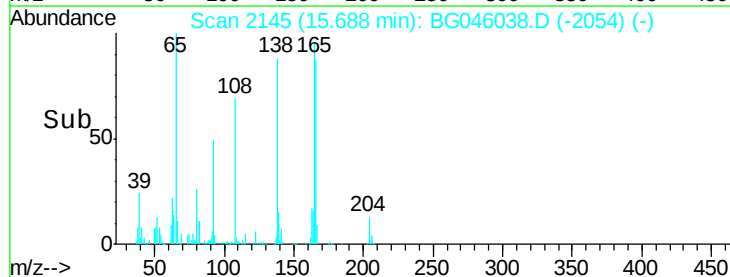
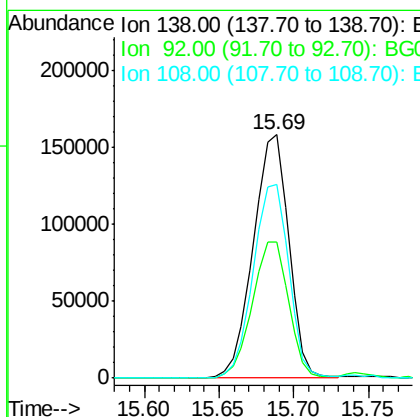
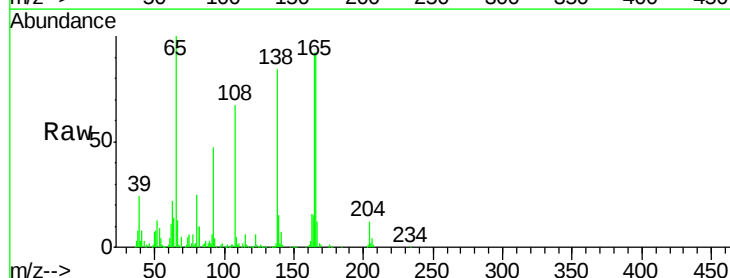
Manual Integrations
APPROVED

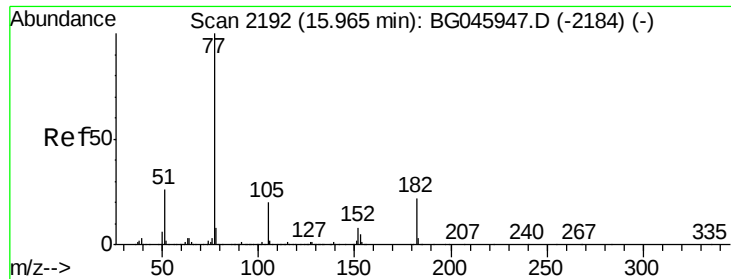
mohammad
7/15/2020 11:01:36 AM



#62
4-Nitroaniline
Concen: 53.917 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	261243		
92	56.0	40.3	80.3	
108	79.7	68.0	108.0	





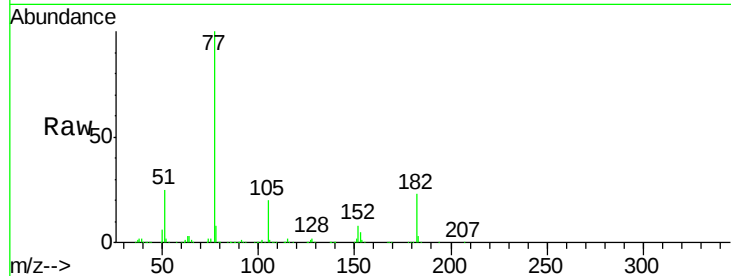
#63
Azobenzene
Concen: 43.536 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

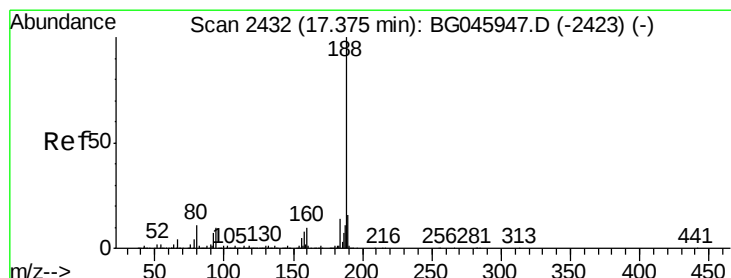
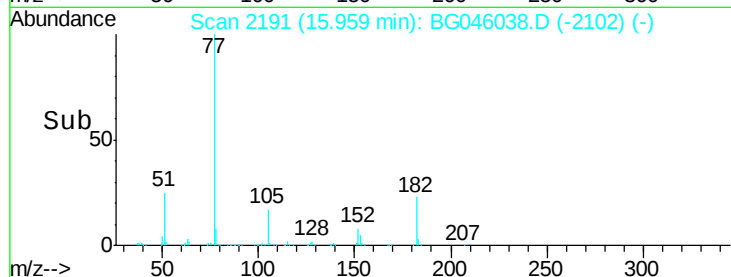
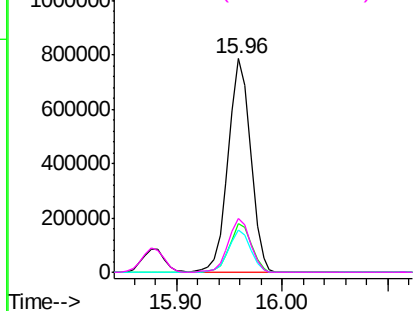
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.5	2.4	42.4	
105	19.8	0.3	40.3	
51	25.4	6.3	46.3	

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



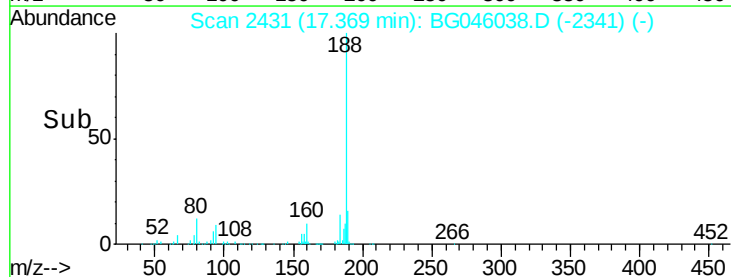
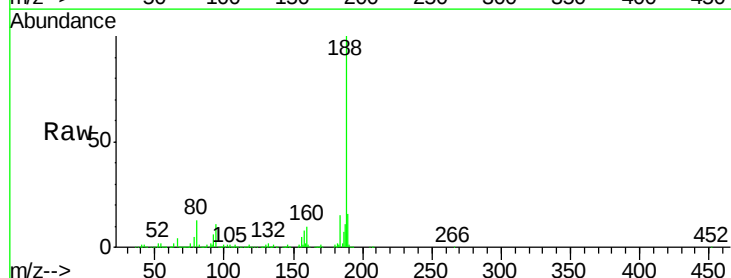
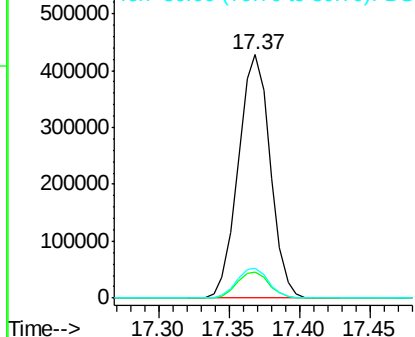
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

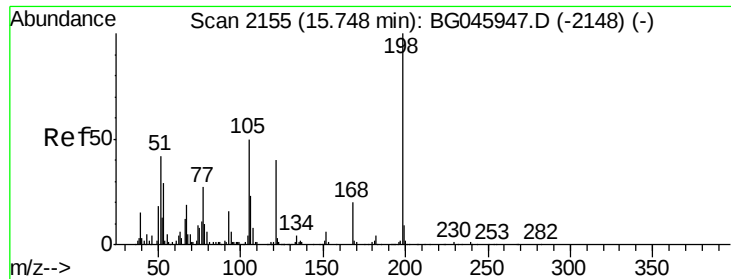


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.8	8.2	12.4	
80	12.5	9.0	13.6	

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





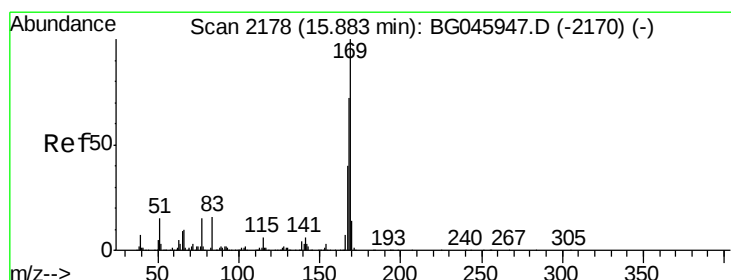
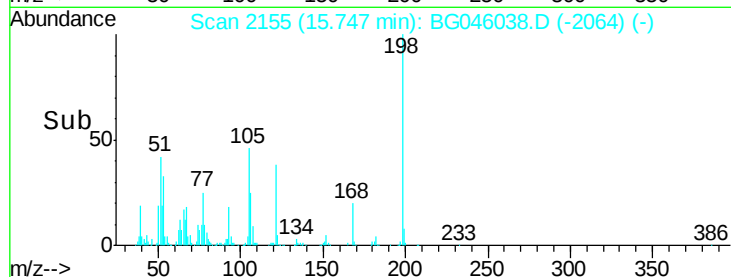
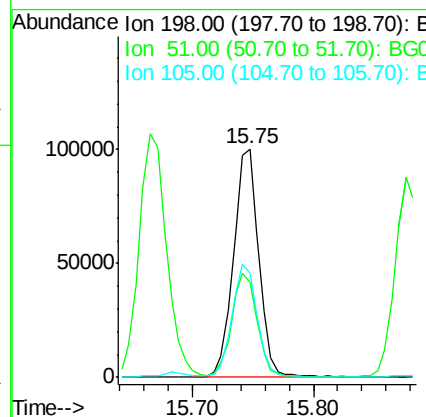
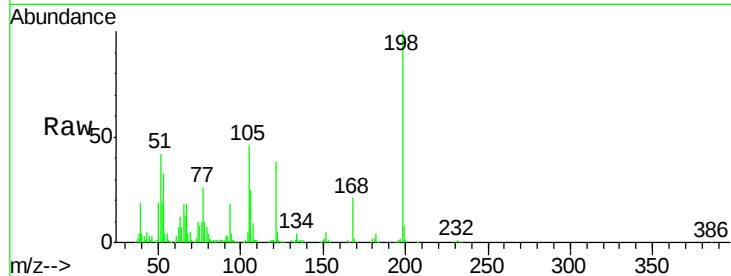
#65
4,6-Dinitro-2-methylphenol
Concen: 60.552 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	145577		
51	41.8	24.5	64.5	
105	45.7	30.9	70.9	

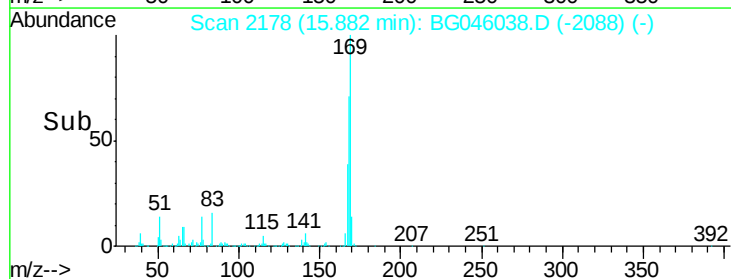
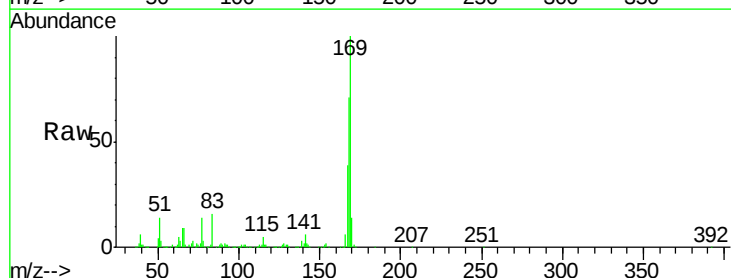
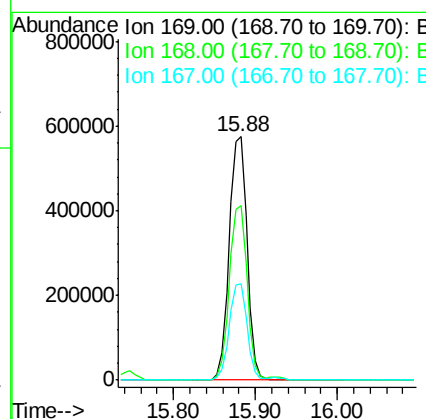
Manual Integrations
APPROVED

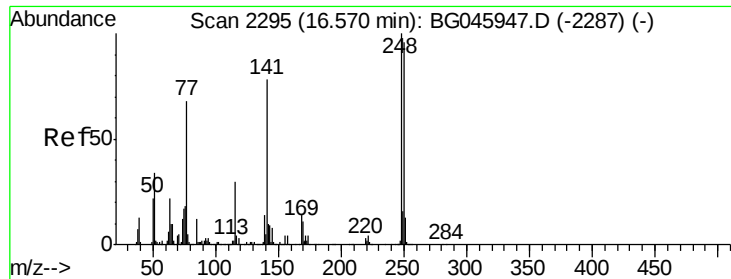
mohammad
7/15/2020 11:01:36 AM



#66
n-Nitrosodiphenylamine
Concen: 41.604 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	870455		
168	71.4	57.3	85.9	
167	39.4	32.1	48.1	





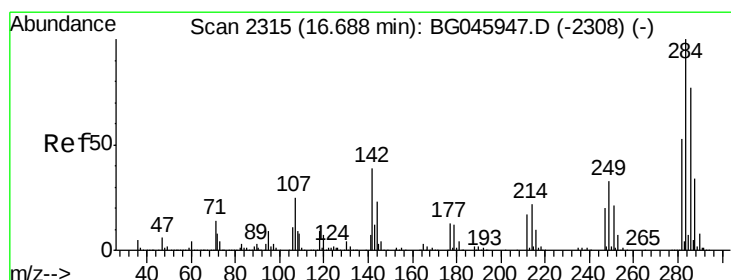
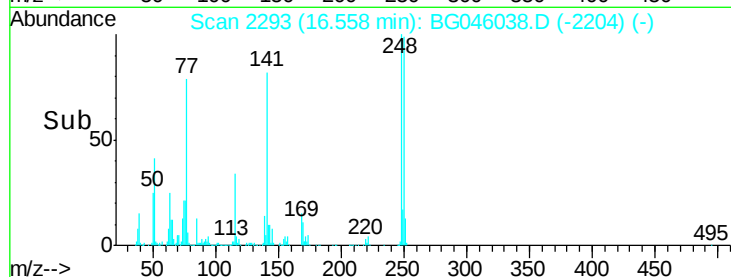
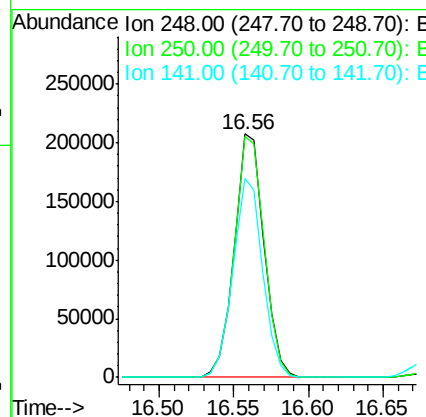
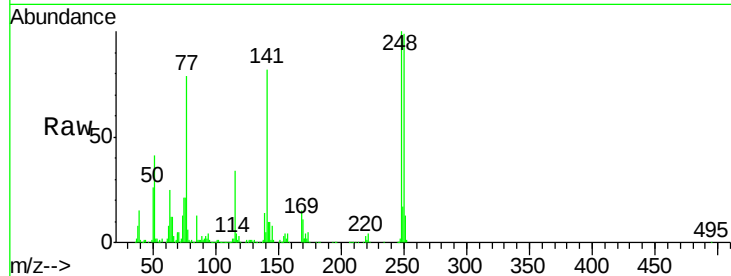
#67
4-Bromophenyl-phenylether
Concen: 38.405 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.6	114.8
141	81.5	62.7	94.1

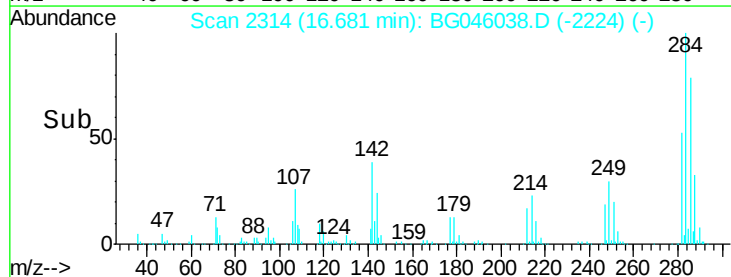
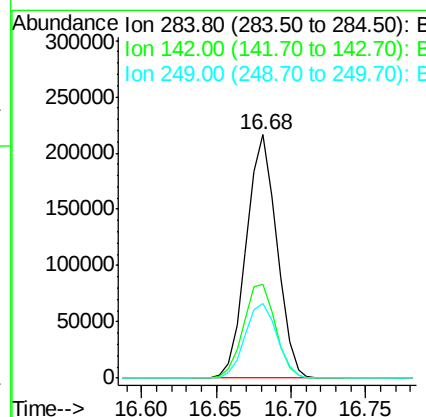
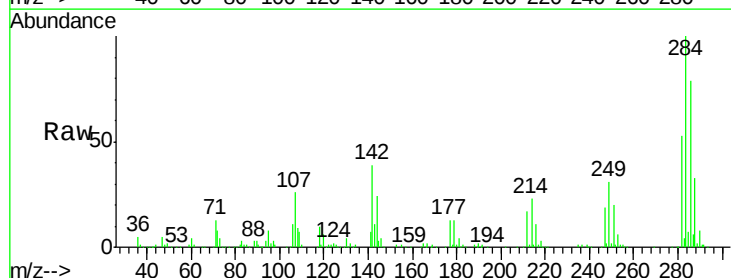
Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



#68
Hexachlorobenzene
Concen: 40.424 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.6	31.3	46.9
249	30.5	26.8	40.2





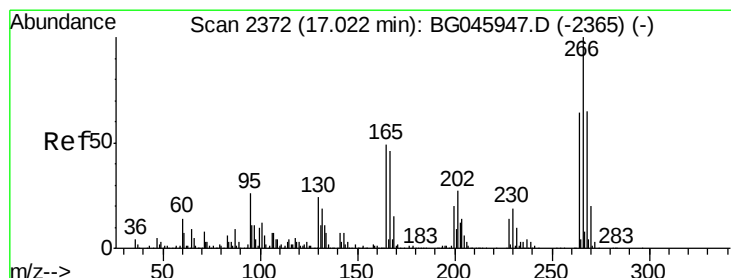
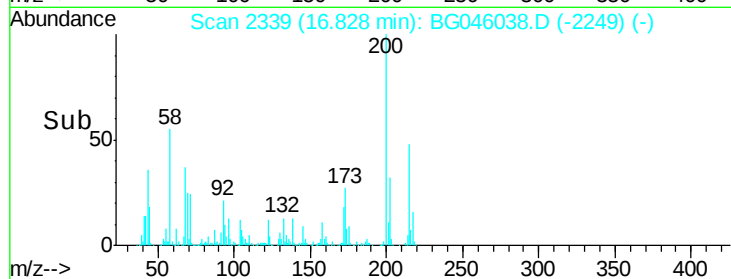
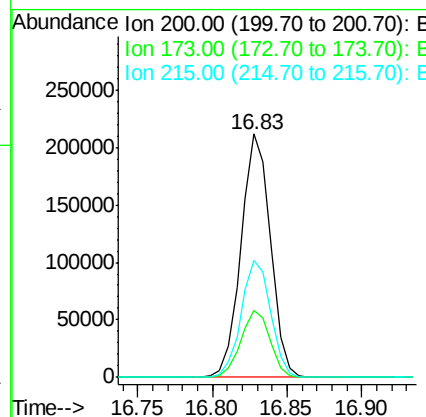
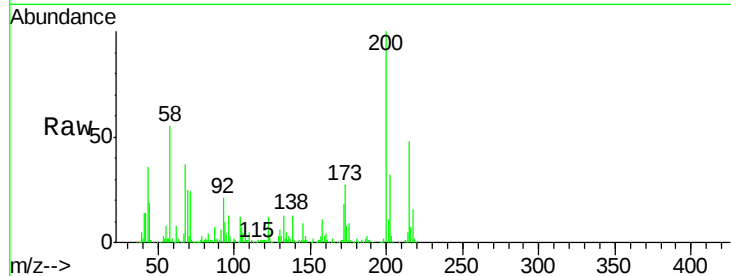
#69
Atrazine
Concen: 46.811 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	9.1	49.1
215	48.1	28.8	68.8

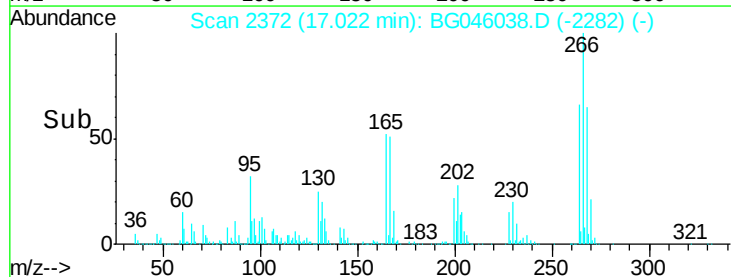
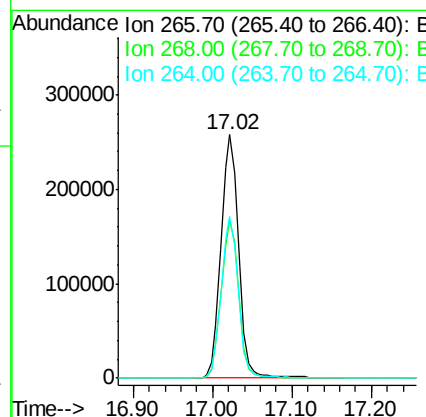
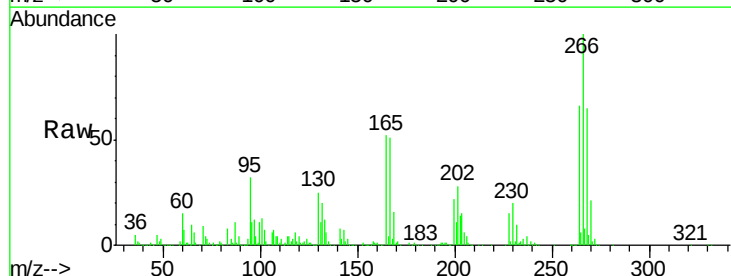
Manual Integrations
APPROVED

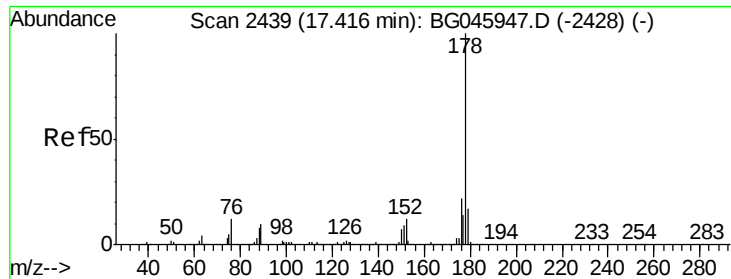
mohammad
7/15/2020 11:01:36 AM



#70
Pentachlorophenol
Concen: 94.788 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	51.8	77.8
264	66.4	51.4	77.0





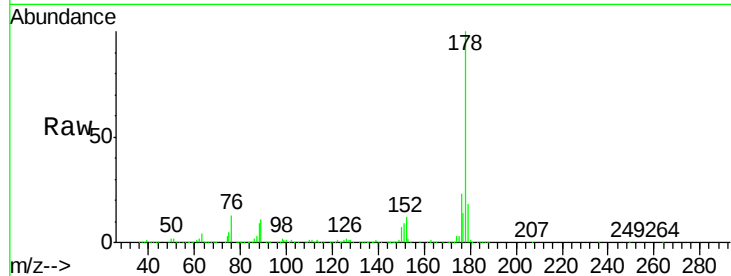
#71
Phenanthrene
Concen: 41.724 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

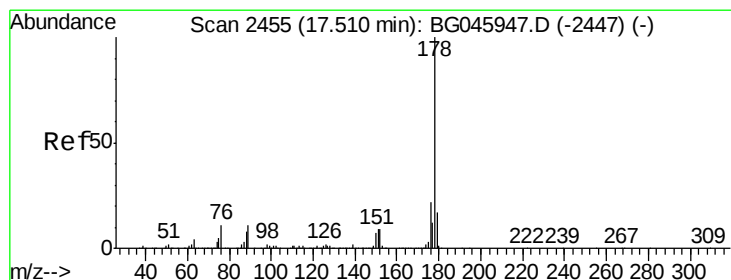
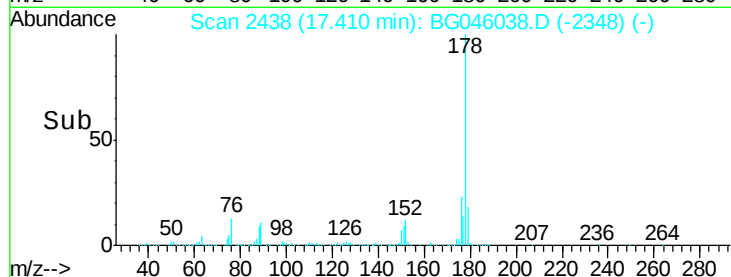
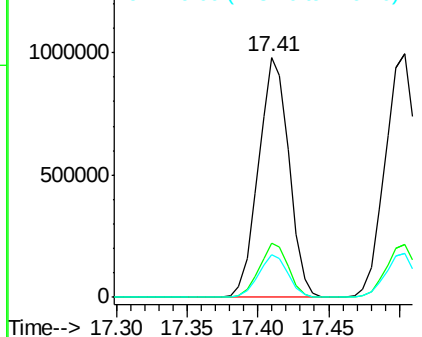
Tot Ion:178 Resp: 1489305
Ion Ratio Lower Upper
178 100
176 22.6 17.4 26.2
179 17.9 13.4 20.2

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



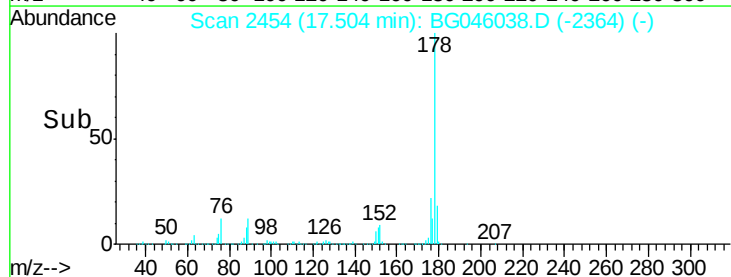
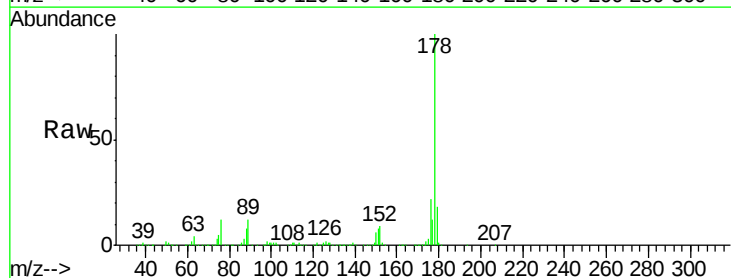
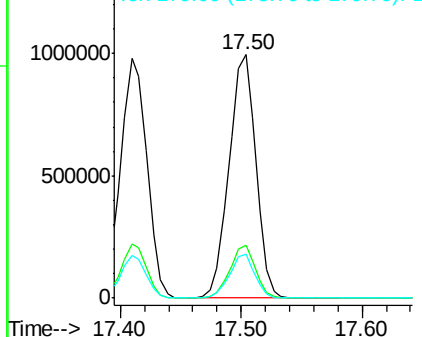
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

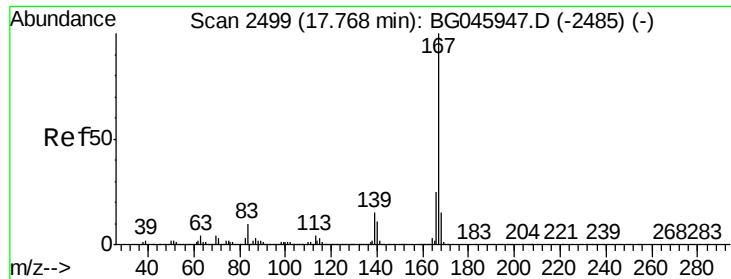


#72
Anthracene
Concen: 42.387 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion:178 Resp: 1535435
Ion Ratio Lower Upper
178 100
176 21.7 17.2 25.8
179 18.2 14.0 21.0

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





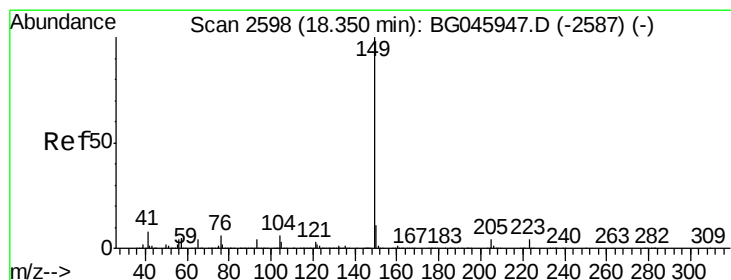
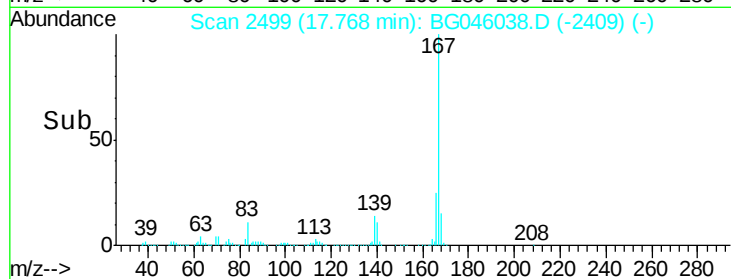
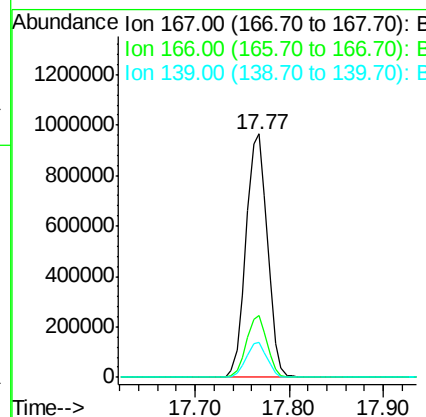
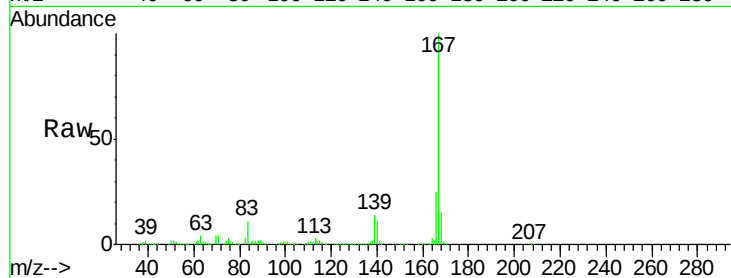
#73
 Carbazole
 Concen: 41.896 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.3	20.4	30.6
139	14.4	11.8	17.8

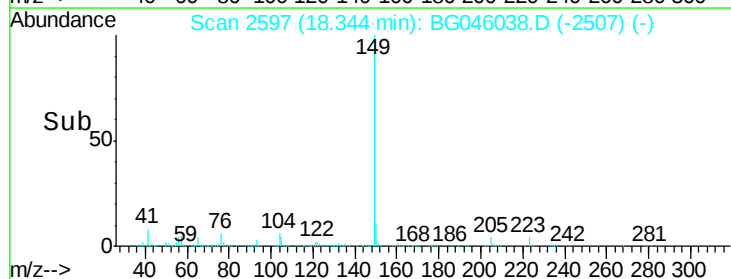
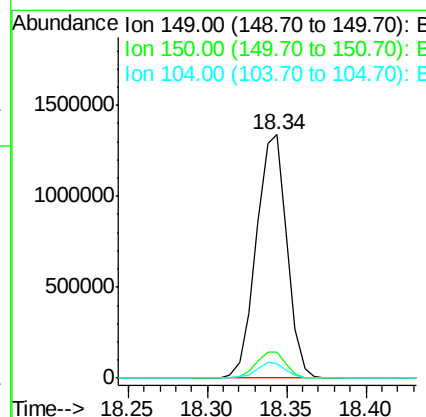
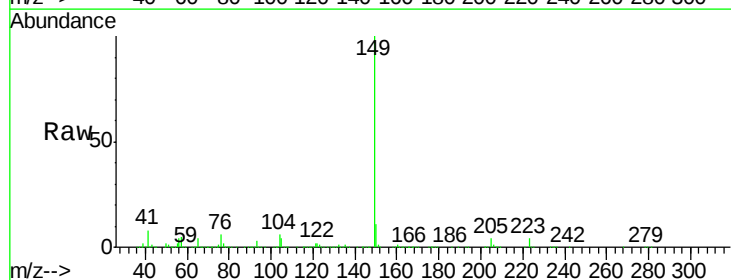
Manual Integrations
 APPROVED

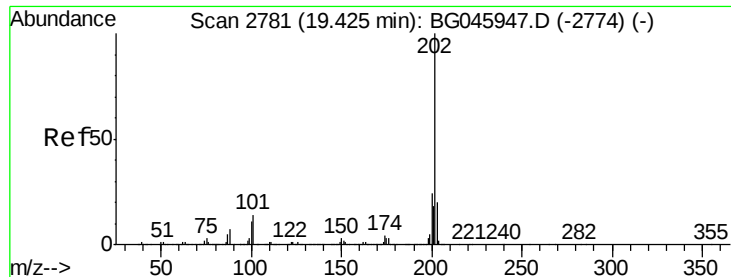
mohammad
 7/15/2020 11:01:36 AM



#74
 Di-n-butylphthalate
 Concen: 40.991 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	9.0	13.4
104	6.2	5.2	7.8





#75

Fluoranthene

Concen: 44.081 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

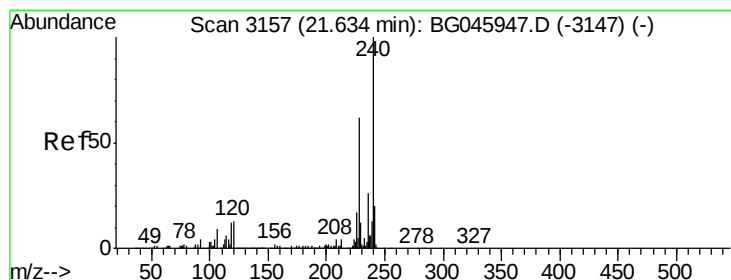
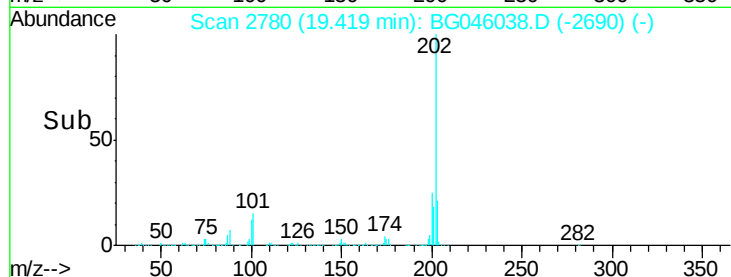
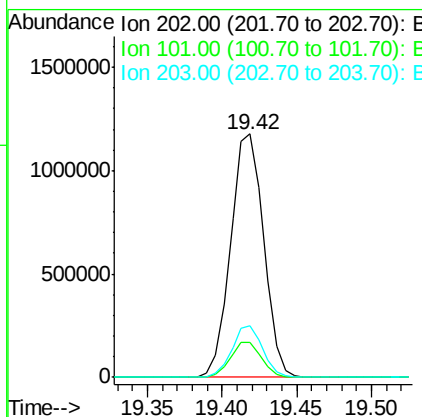
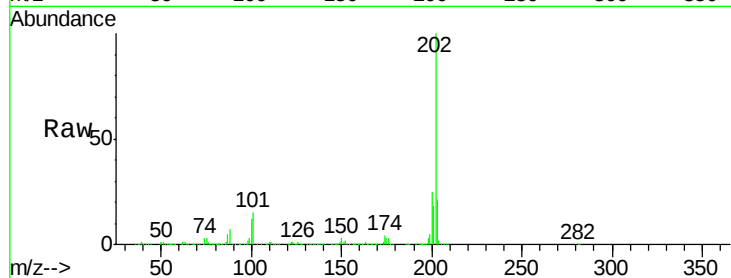
ClientSampleId :

PB130200BS

Tot Ion:	202	Resp:	1818929
Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.8
203	21.4	0.4	40.4

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



#76

Chrysene-d12

Concen: 20.000 ng

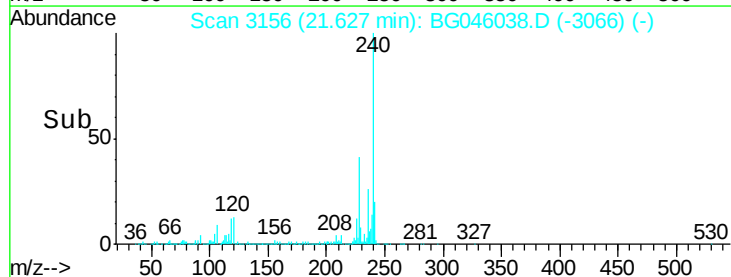
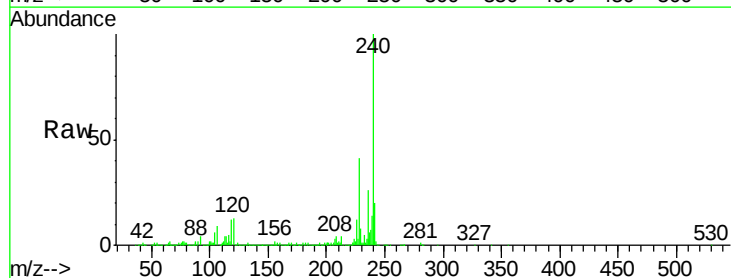
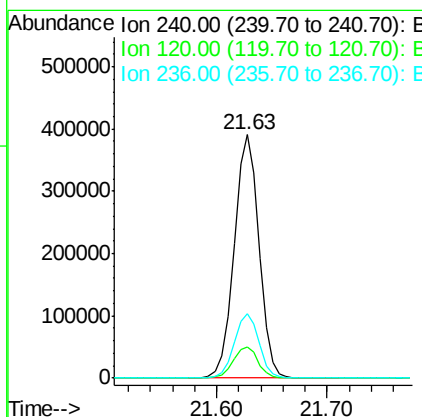
RT: 21.63 min Scan# 3156

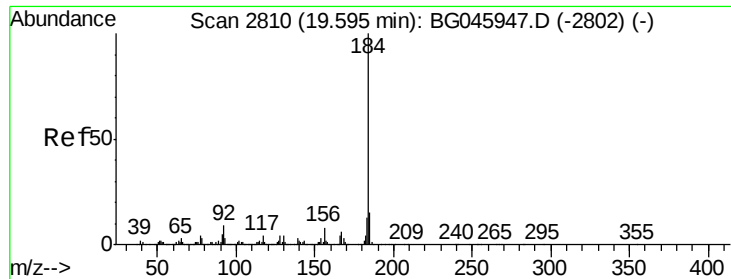
Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Tgt Ion:	240	Resp:	613798
Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.6	16.0
236	26.3	20.4	30.6





#77

Benzidine

Concen: 46.391 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

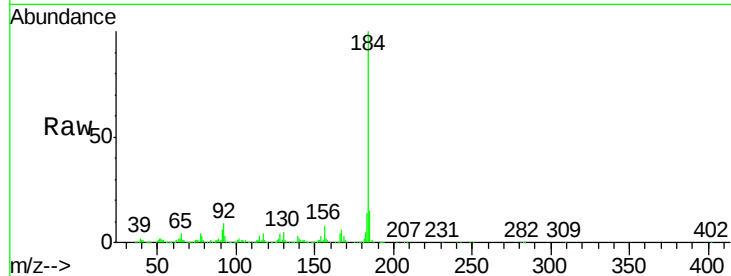
ClientSampleId :

PB130200BS

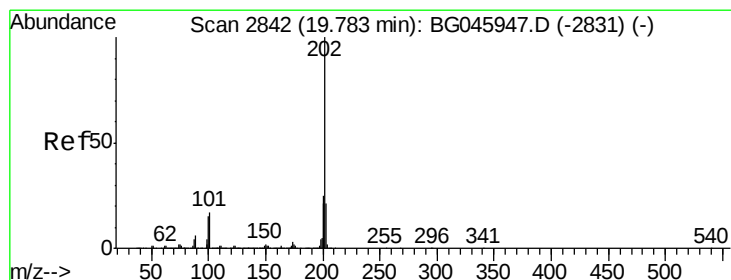
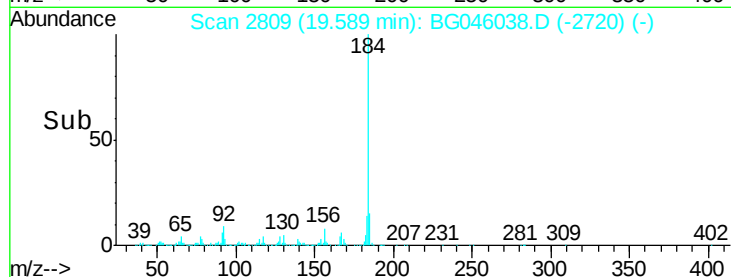
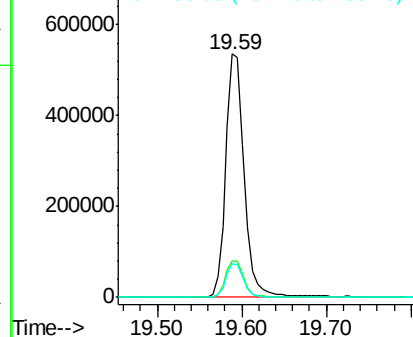
Tot Ion:	184	Resp:	814161
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.6	17.4
183	13.7	10.4	15.6

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM



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



#78

Pyrene

Concen: 42.737 ng

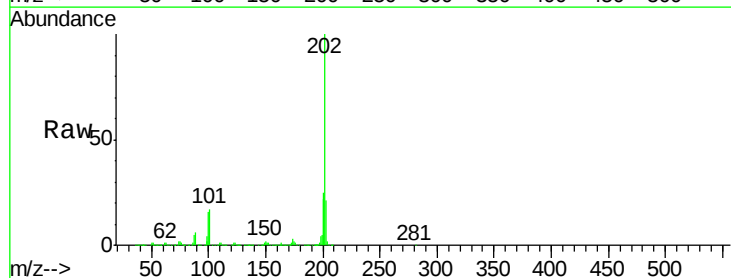
RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

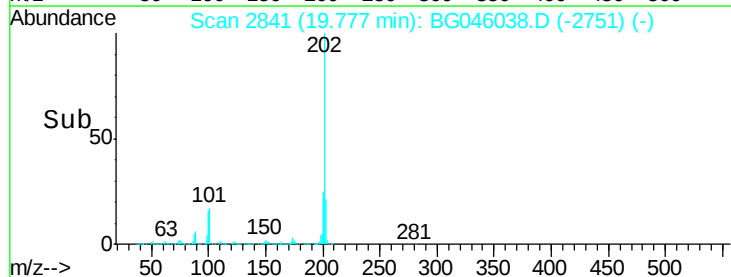
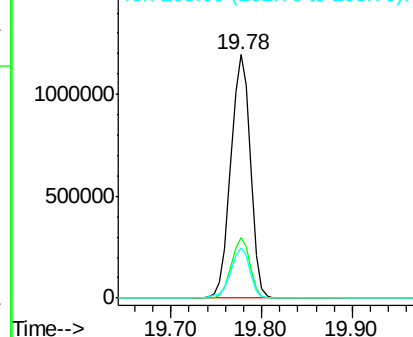
Lab File: BG046038.D

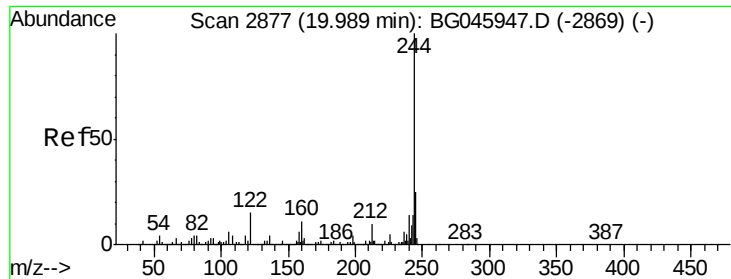
Acq: 14 Jul 2020 18:27

Tgt Ion:	202	Resp:	1790609
Ion Ratio	Lower	Upper	
202	100		
200	24.9	20.1	30.1
203	20.9	16.5	24.7



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: 66.491 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

Tot Ion:244 Resp: 1833839

Ion Ratio Lower Upper

244 100

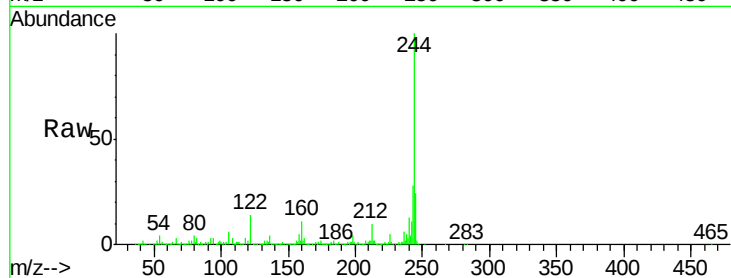
212 9.7 8.3 12.5

122 14.0 12.1 18.1

Manual Integrations
APPROVED

mohammad

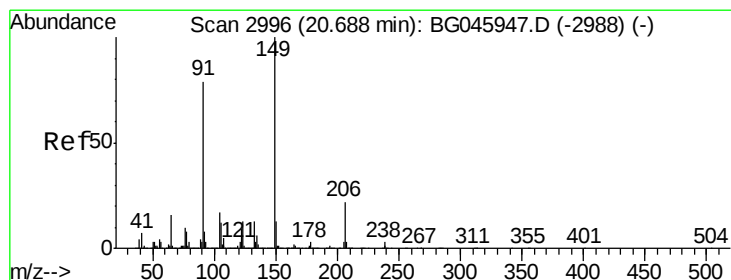
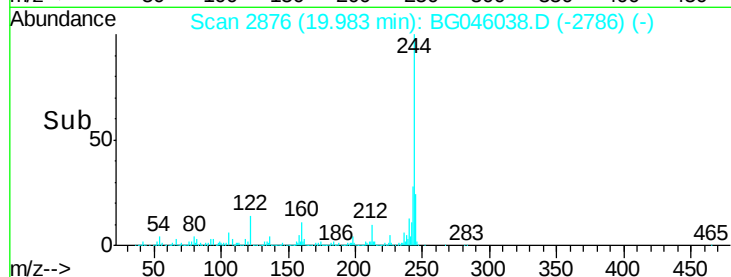
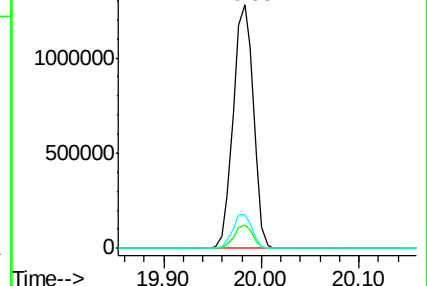
7/15/2020 11:01:36 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.543 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

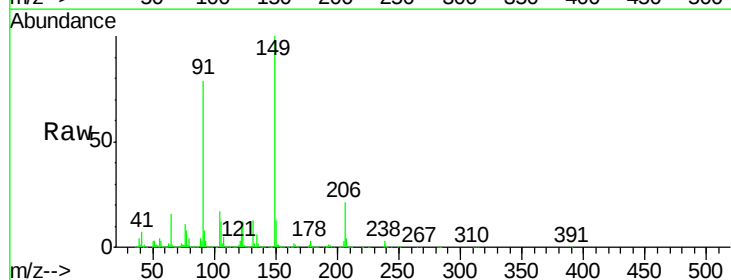
Tgt Ion:149 Resp: 881926

Ion Ratio Lower Upper

149 100

91 79.4 63.1 94.7

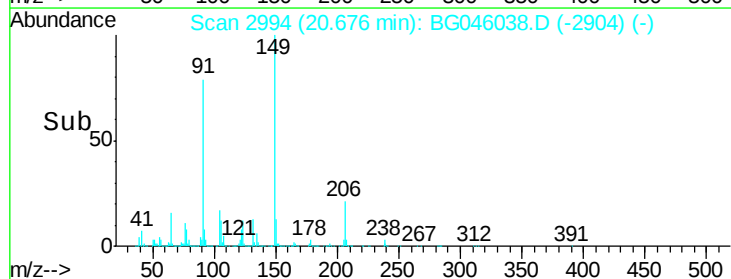
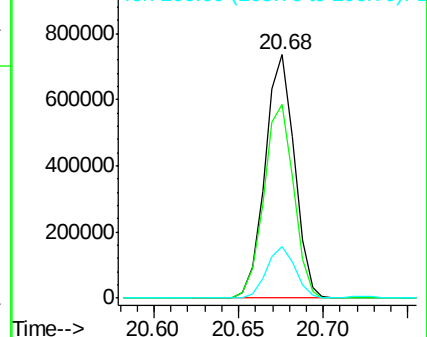
206 21.3 17.4 26.0

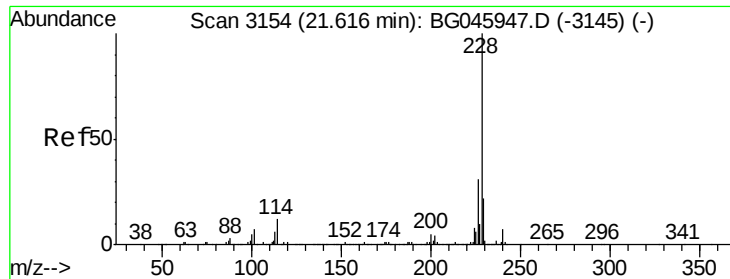


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





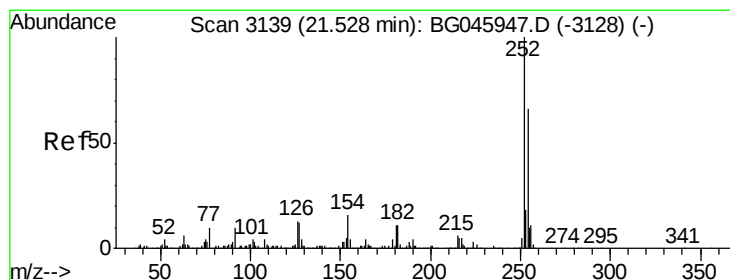
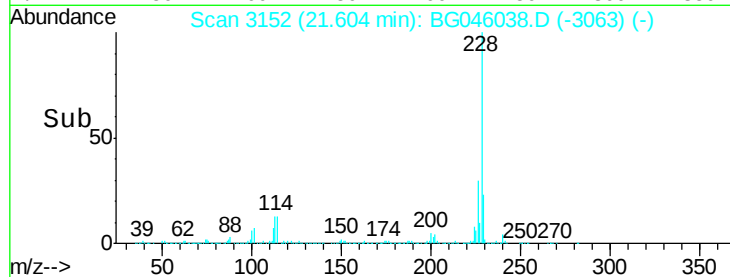
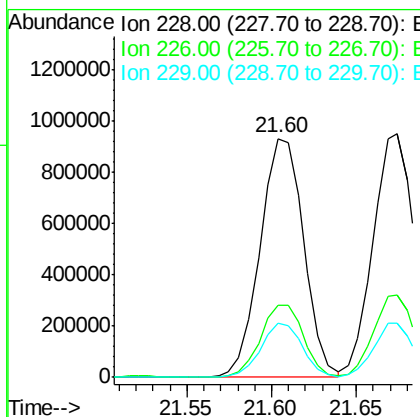
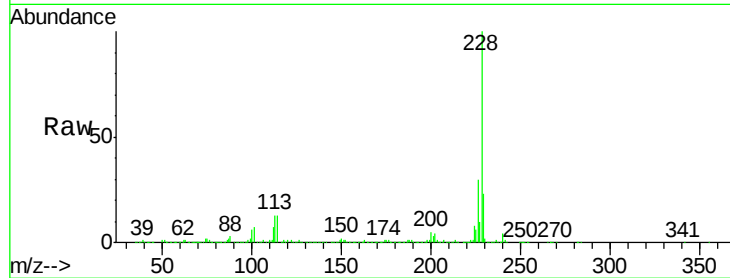
#81
Benzo(a)anthracene
Concen: 41.361 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.8	37.2
229	22.6	17.8	26.8

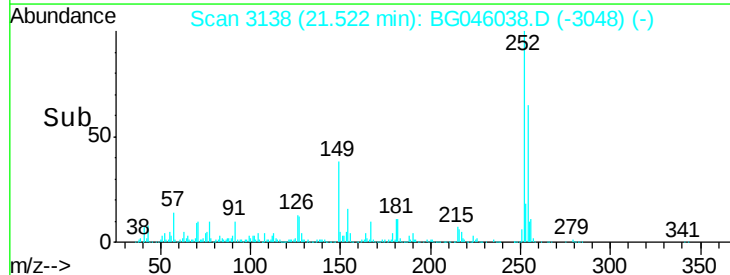
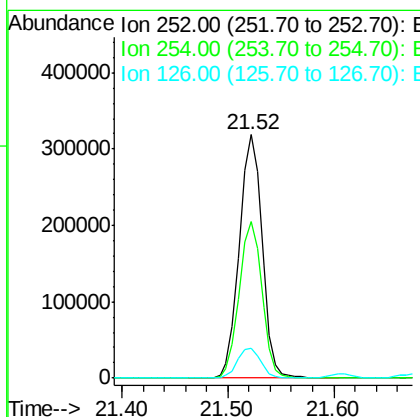
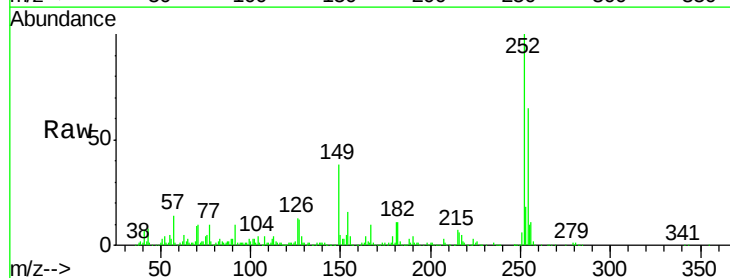
Manual Integrations
APPROVED

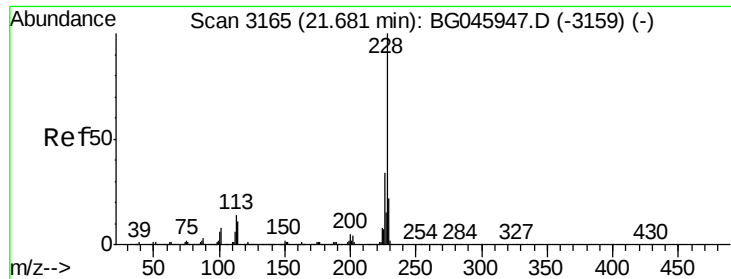
mohammad
7/15/2020 11:01:36 AM



#82
3,3'-Dichlorobenzidine
Concen: 31.943 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.9	79.3
126	12.5	10.4	15.6





#83

Chrysene

Concen: 42.107 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

Instrument :

BNA_G

ClientSampleId :

PB130200BS

Tot Ion:228 Resp: 1618994

Ion Ratio Lower Upper

228 100

226 33.7 26.7 40.1

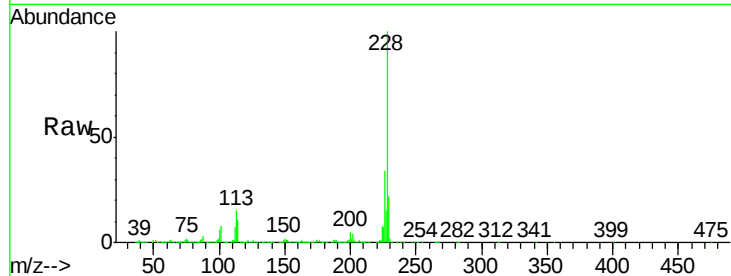
229 22.2 17.3 25.9

Manual Integrations

APPROVED

mohammad

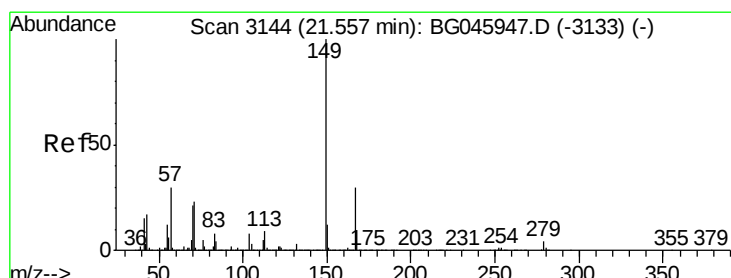
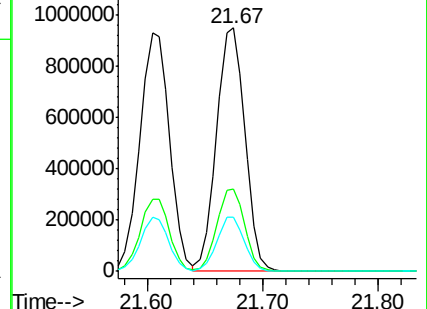
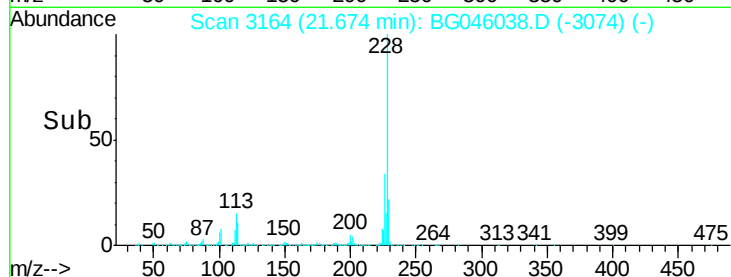
7/15/2020 11:01:36 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.163 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046038.D

Acq: 14 Jul 2020 18:27

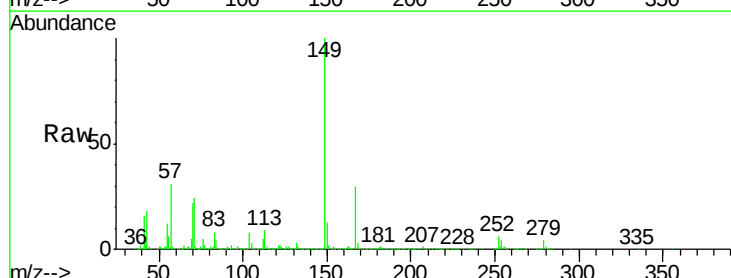
Tgt Ion:149 Resp: 1211770

Ion Ratio Lower Upper

149 100

167 30.0 23.8 35.8

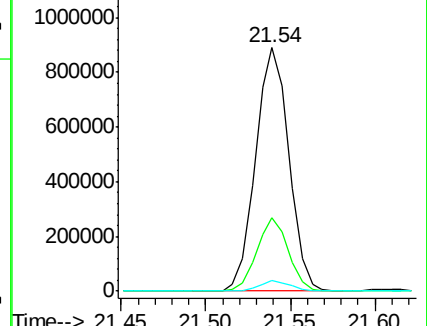
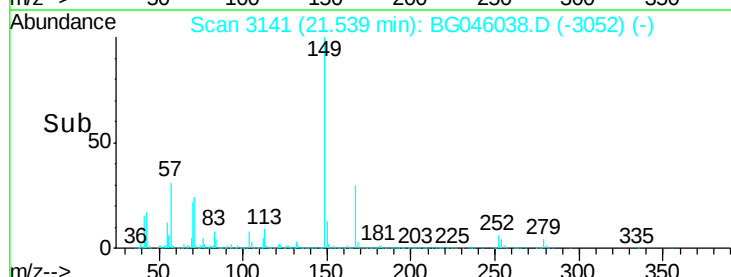
279 4.3 3.5 5.3

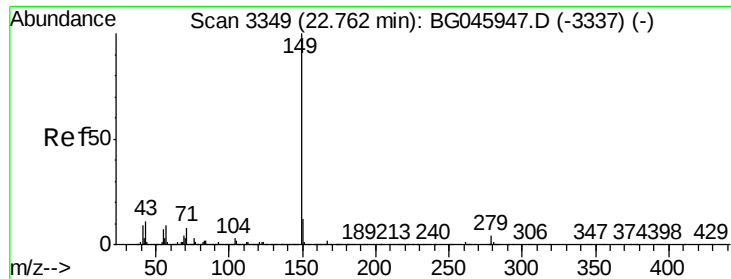


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





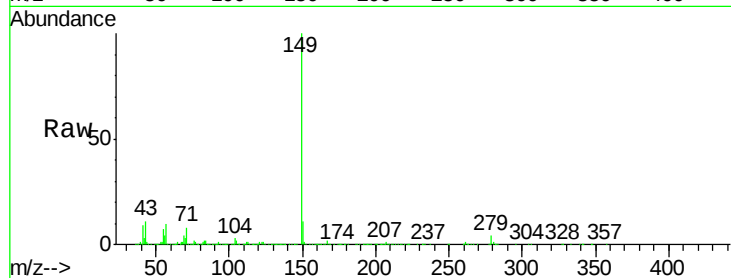
#85
Di-n-octyl phthalate
Concen: 41.640 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.8	8.6	12.8

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM

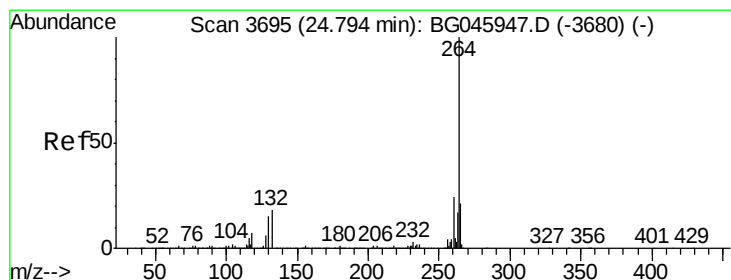
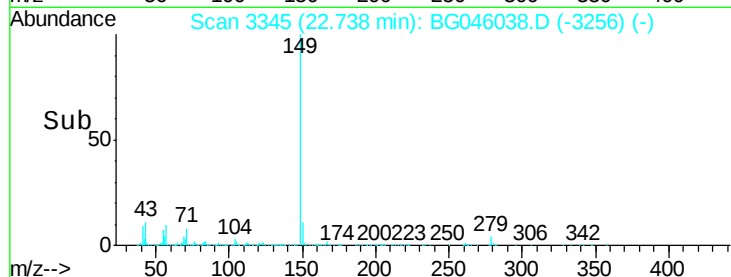
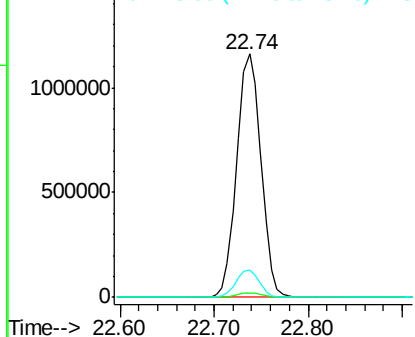


Abundance

Ion 149.00 (148.70 to 149.70): E

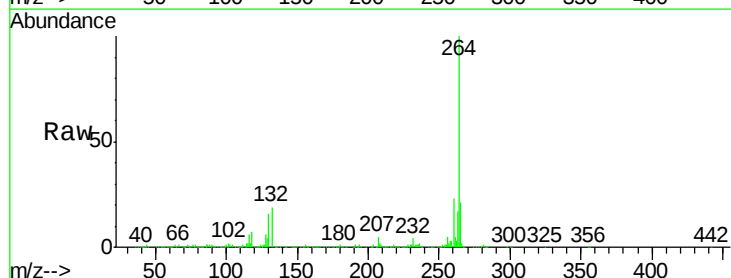
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	20.7	16.9	25.3

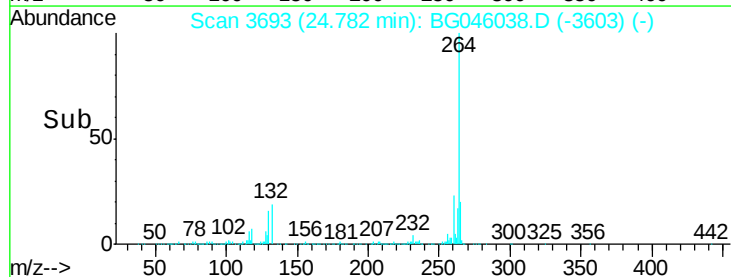
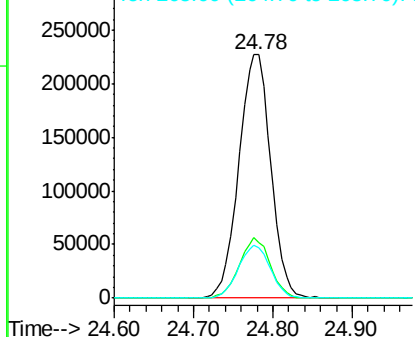


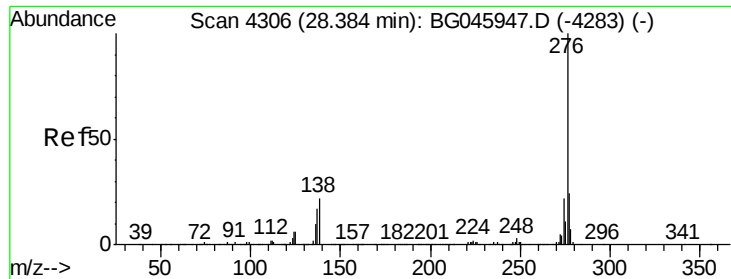
Abundance

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





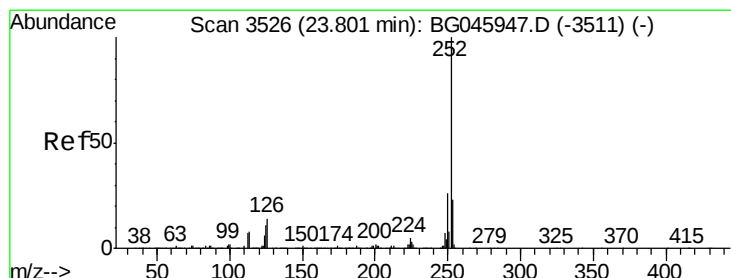
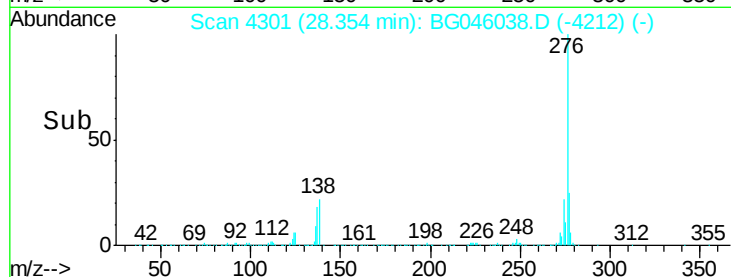
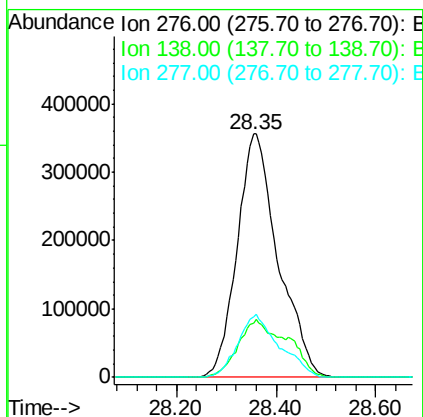
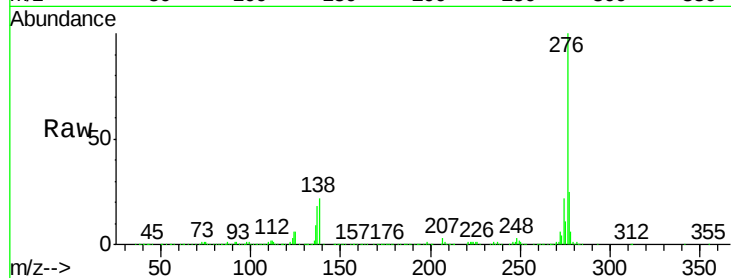
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.817 ng
 RT: 28.35 min Scan# 4301
 Delta R.T. -0.01 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Instrument :
 BNA_G
 ClientSampleId :
 PB130200BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	16.4	24.6
277	26.1	20.6	31.0

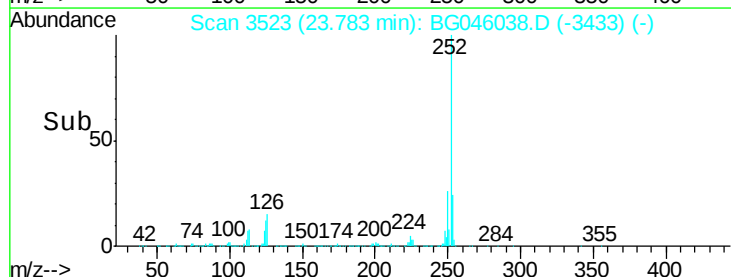
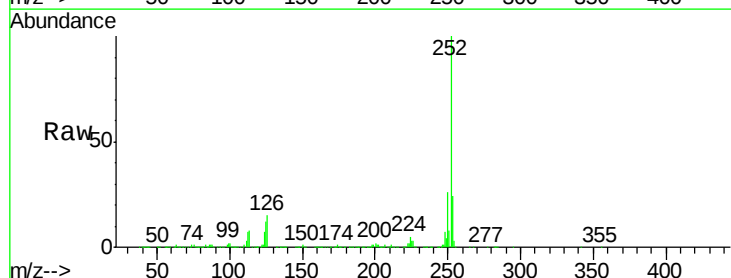
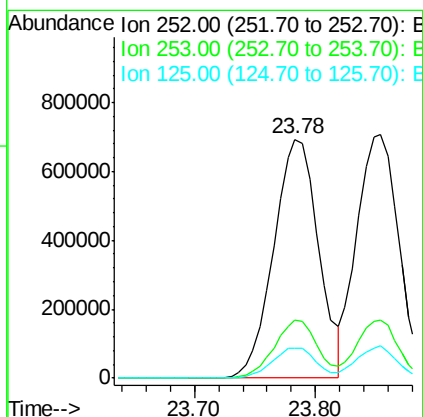
Manual Integrations
 APPROVED

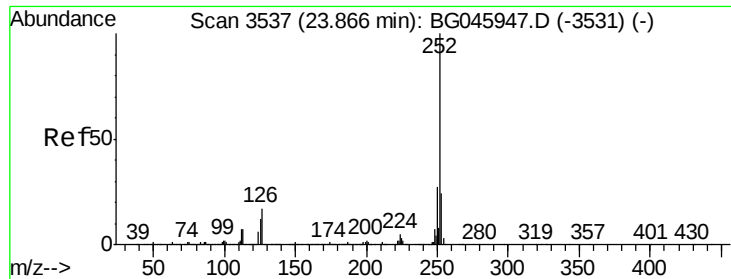
mohammad
 7/15/2020 11:01:36 AM



#88
 Benzo(b)fluoranthene
 Concen: 44.132 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.00 min
 Lab File: BG046038.D
 Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	12.4	9.2	13.8





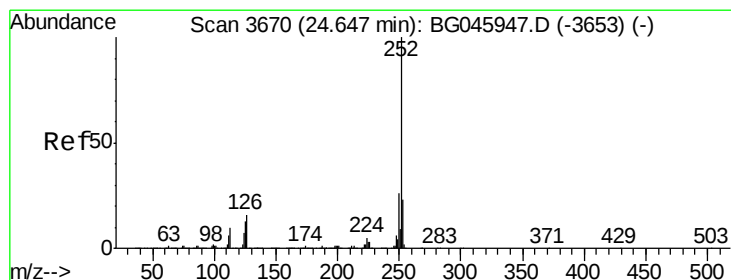
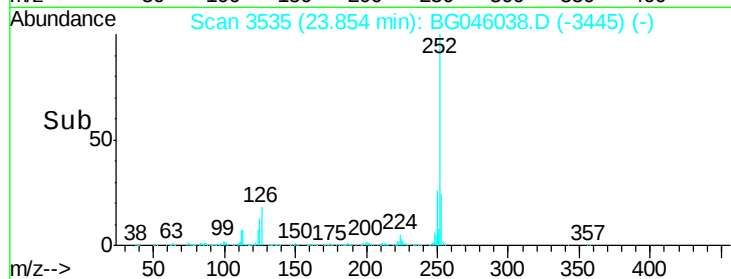
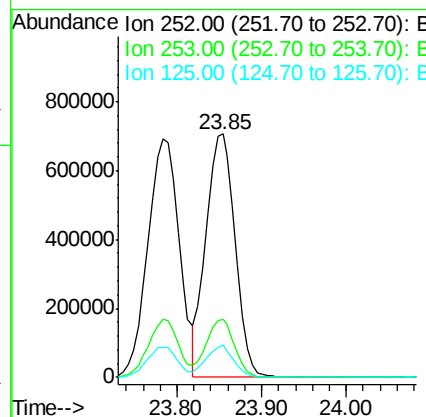
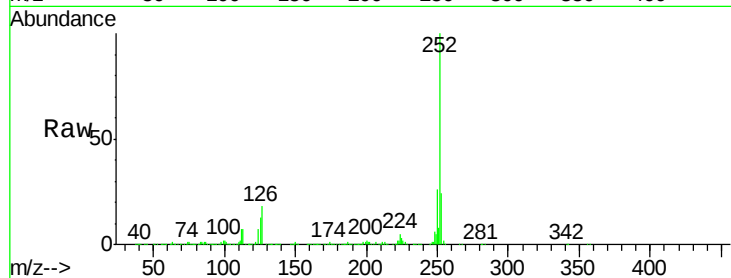
#89
Benzo(k)fluoranthene
Concen: 44.490 ng
RT: 23.85 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

Tot Ion:252 Resp: 1695030
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 13.1 9.6 14.4

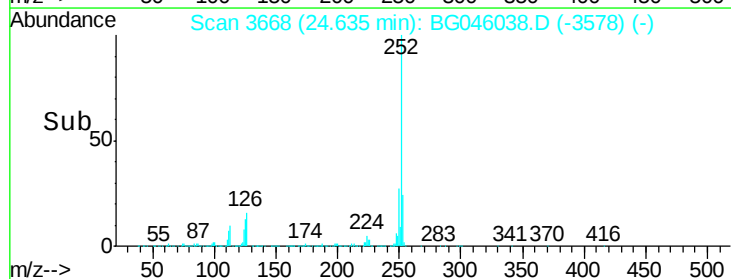
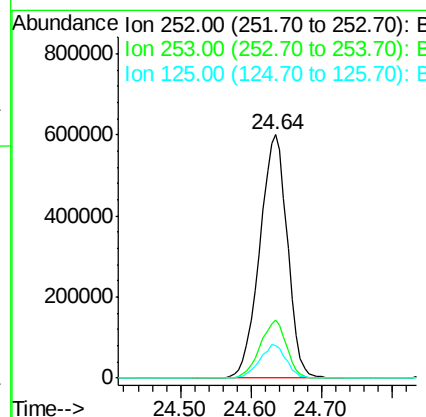
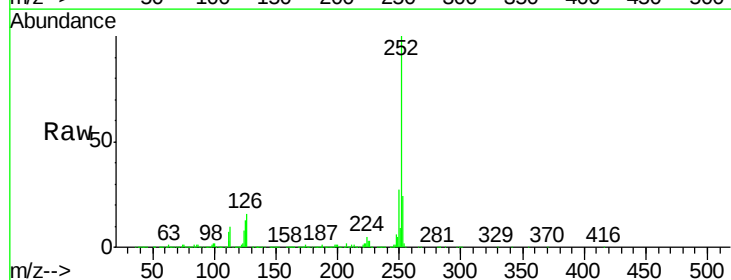
Manual Integrations
APPROVED

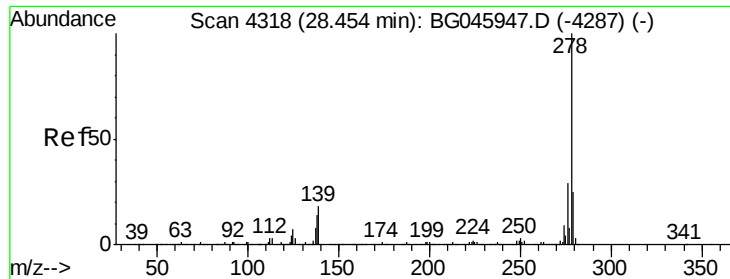
mohammad
7/15/2020 11:01:36 AM



#90
Benzo(a)pyrene
Concen: 43.268 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion:252 Resp: 1639338
Ion Ratio Lower Upper
252 100
253 23.7 18.6 28.0
125 13.4 10.5 15.7





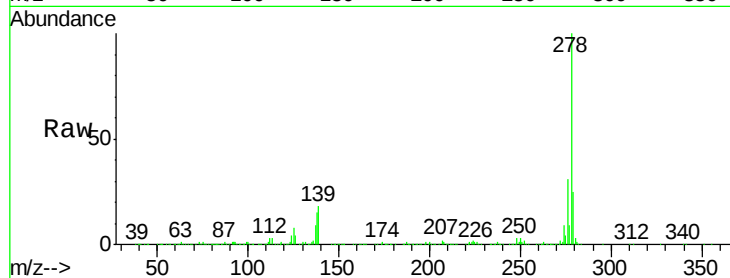
#91
Dibenzo(a,h)anthracene
Concen: 43.813 ng
RT: 28.42 min Scan# 4313
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Instrument :
BNA_G
ClientSampleId :
PB130200BS

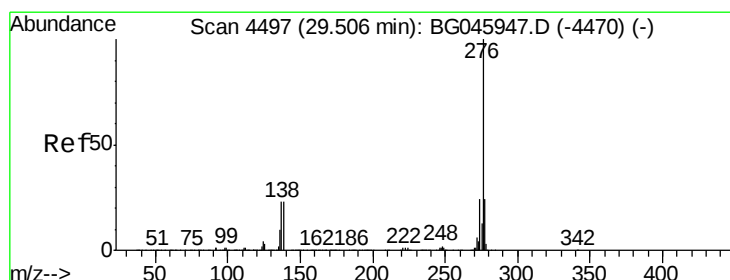
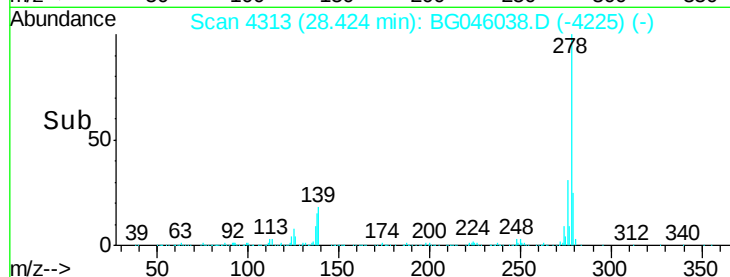
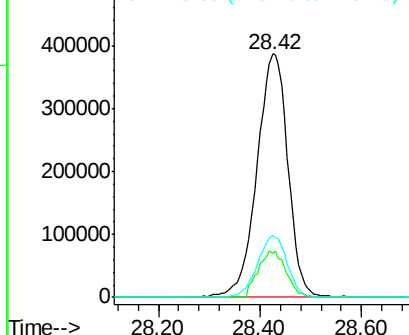
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.3	21.5
279	25.4	19.8	29.6

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:36 AM

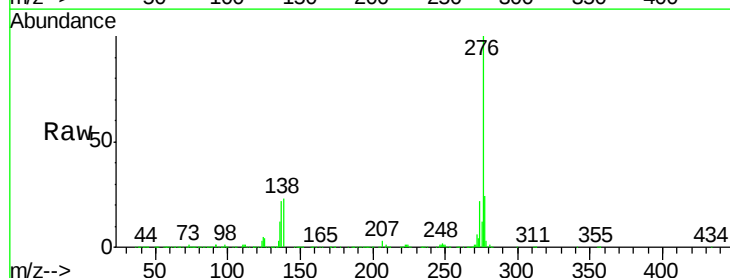


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.702 ng
RT: 29.47 min Scan# 4491
Delta R.T. -0.01 min
Lab File: BG046038.D
Acq: 14 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	23.4	18.6	28.0



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

