

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045638.D
 Acq On : 8 Jun 2020 10:46
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 6/9/2020 12:22:15 PM

Quant Time: Jun 08 13:14:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	52000	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	208097	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	156732	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	383532	20.00	ng	0.00
76) Chrysene-d12	21.60	240	362675	20.00	ng	0.00
87) Perylene-d12	24.75	264	408921	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	238510	89.64	ng	0.00
7) Phenol-d6	7.14	99	351379	92.78	ng	0.00
23) Nitrobenzene-d5	9.11	82	354620	92.93	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	173570	86.59	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	810168	87.68	ng	0.00
79) Terphenyl-d14	19.96	244	1407810	90.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	57940	43.912	ng	97
3) Pyridine	3.80	79	167318	45.531	ng	97
4) n-Nitrosodimethylamine	3.72	42	56503	46.988	ng	93
6) Aniline	7.27	93	224541	45.419	ng	99
8) 2-Chlorophenol	7.52	128	131848	45.186	ng	95
9) Benzaldehyde	7.08	77	96163	38.973	ng	96
10) Phenol	7.16	94	179487	45.985	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	139318	45.761	ng	97
12) 1,3-Dichlorobenzene	7.84	146	154015	43.923	ng	99
13) 1,4-Dichlorobenzene	7.98	146	153706	44.418	ng	97
14) 1,2-Dichlorobenzene	8.30	146	148071	44.489	ng	96
15) Benzyl Alcohol	8.19	79	147524	47.155	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	133899	46.334	ng	99
17) 2-Methylphenol	8.41	107	133816	45.804	ng	97
18) Hexachloroethane	9.03	117	58367	44.040	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	123469	47.146	ng	98
20) 3+4-Methylphenols	8.74	107	180111	45.274	ng	97
22) Acetophenone	8.77	105	222746	45.162	ng	99
24) Nitrobenzene	9.15	77	187696	45.908	ng	97
25) Isophorone	9.67	82	344558	45.847	ng	99
26) 2-Nitrophenol	9.87	139	78945	45.137	ng	94
27) 2,4-Dimethylphenol	9.94	122	118143	45.544	ng	94
28) bis(2-Chloroethoxy)methane	10.16	93	178212	45.217	ng	98
29) 2,4-Dichlorophenol	10.42	162	140380	45.827	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	164238	45.374	ng	98
31) Naphthalene	10.81	128	442810	45.664	ng	100
32) Benzoic acid	10.11	122	70284	41.542	ng	89
33) 4-Chloroaniline	10.91	127	189966	46.865	ng	97
34) Hexachlorobutadiene	11.10	225	115253	45.044	ng	97
35) Caprolactam	11.69	113	51809	46.078	ng	97
36) 4-Chloro-3-methylphenol	12.06	107	164968	47.792	ng	93
37) 2-Methylnaphthalene	12.42	142	330856	45.776	ng	97
38) 1-Methylnaphthalene	12.63	142	316441m	46.348	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	186979	42.711	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045638.D
 Acq On : 8 Jun 2020 10:46
 Operator : CG/JU
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC040

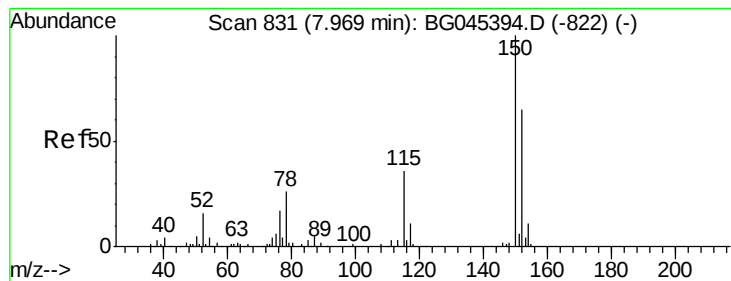
Manual Integrations
 APPROVED

mohammad
 6/9/2020 12:22:15 PM

Quant Time: Jun 08 13:14:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	92151	36.470	nq	98
43) 2,4,6-Trichlorophenol	13.03	196	130564	42.934	nq	94
44) 2,4,5-Trichlorophenol	13.11	196	144833	41.677	nq	98
46) 1,1'-Biphenyl	13.43	154	416325	43.230	nq	99
47) 2-Chloronaphthalene	13.47	162	338638	43.302	nq	99
48) 2-Nitroaniline	13.67	65	117931	45.844	nq	96
49) Acenaphthylene	14.31	152	547481	43.584	nq	99
50) Dimethylphthalate	14.05	163	468169	43.544	nq	100
51) 2,6-Dinitrotoluene	14.17	165	107848	44.453	nq	96
52) Acenaphthene	14.66	154	332507	39.545	nq	97
53) 3-Nitroaniline	14.50	138	107518	43.595	nq	99
54) 2,4-Dinitrophenol	14.71	184	61223	41.353	nq	100
55) Dibenzofuran	14.99	168	543279	43.509	nq	98
56) 4-Nitrophenol	14.84	139	69661	37.308	nq	89
57) 2,4-Dinitrotoluene	14.96	165	153669	43.735	nq	97
58) Fluorene	15.64	166	458602	44.705	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.23	232	127913	41.838	nq	98
60) Diethylphthalate	15.41	149	493375	44.088	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	260846	44.436	nq	100
62) 4-Nitroaniline	15.66	138	113985	44.271	nq	99
63) Azobenzene	15.93	77	470023	45.044	nq	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	96643	43.266	nq	95
66) n-Nitrosodiphenylamine	15.85	169	399783	43.414	nq	96
67) 4-Bromophenyl-phenylether	16.53	248	183073	44.082	nq	98
68) Hexachlorobenzene	16.66	284	191628	44.116	nq	99
69) Atrazine	16.80	200	154789	40.810	nq	99
70) Pentachlorophenol	17.00	266	88341	39.168	nq	95
71) Phenanthrene	17.39	178	748041	44.677	nq	98
72) Anthracene	17.47	178	750225	44.619	nq	98
73) Carbazole	17.75	167	722907	44.107	nq	99
74) Di-n-butylphthalate	18.31	149	857404	43.585	nq	100
75) Fluoranthene	19.39	202	931022	43.717	nq	99
77) Benzidine	19.58	184	366479	35.979	nq	98
78) Pyrene	19.76	202	940427	45.488	nq	99
80) Butylbenzylphthalate	20.65	149	388780	43.568	nq	99
81) Benzo(a)anthracene	21.59	228	900493	44.571	nq	100
82) 3,3'-Dichlorobenzidine	21.50	252	339082	42.786	nq	99
83) Chrysene	21.64	228	867044	44.632	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	549329	44.783	nq	99
85) Di-n-octyl phthalate	22.68	149	933536	44.310	nq	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1103359	43.434	nq	# 80
88) Benzo(b)fluoranthene	23.75	252	955463	43.567	nq	99
89) Benzo(k)fluoranthene	23.82	252	933055	45.286	nq	99
90) Benzo(a)pyrene	24.60	252	910036	44.555	nq	99
91) Dibenzo(a,h)anthracene	28.38	278	898665	43.784	nq	98
92) Benzo(g,h,i)perylene	29.43	276	883517	43.041	nq	95

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



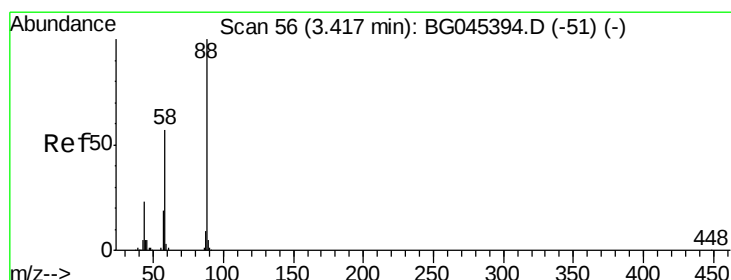
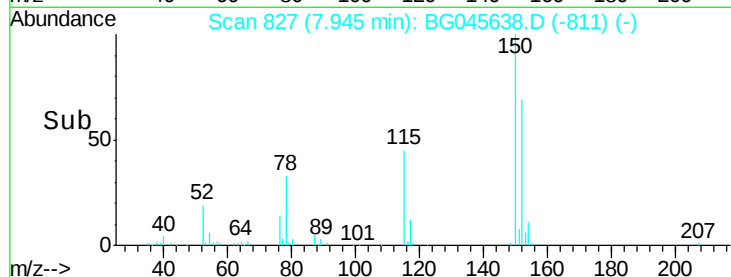
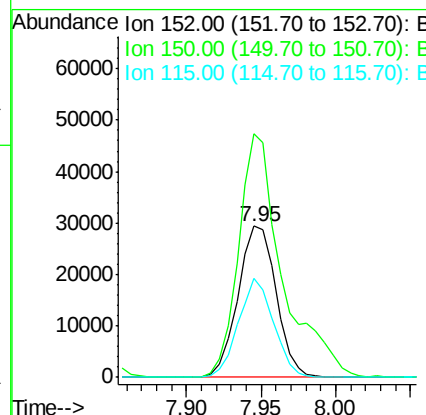
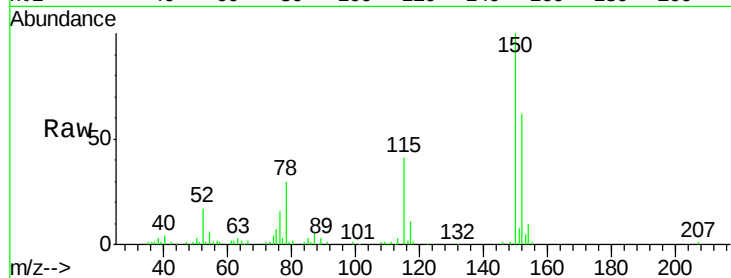
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	122.4	183.6
115	65.5	44.2	66.4

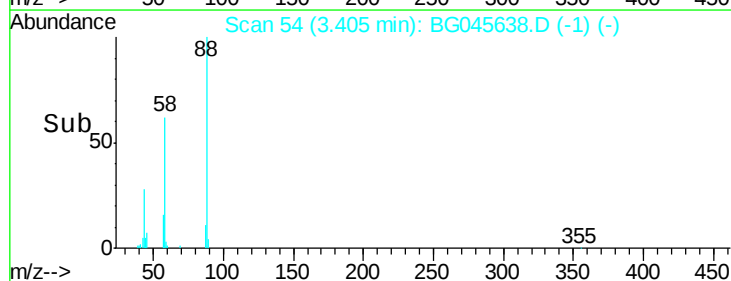
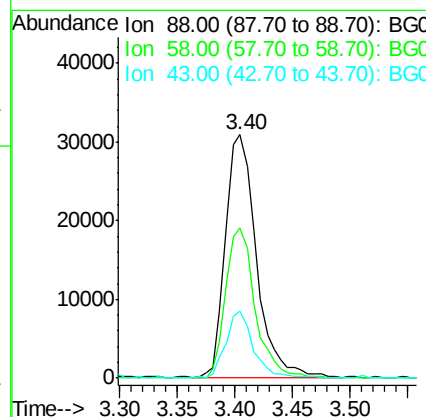
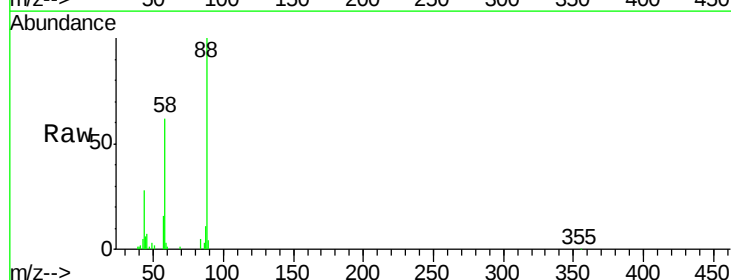
Manual Integrations
 APPROVED

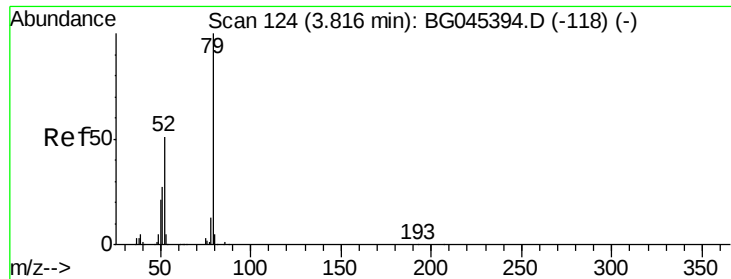
mohammad
 6/9/2020 12:22:15 PM



#2
 1,4-Dioxane
 Concen: 43.912 ng
 RT: 3.40 min Scan# 54
 Delta R.T. 0.01 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.5	45.7	68.5
43	24.6	16.8	25.2





#3

Pvridine

Concen: 45.531 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Instrument :

BNA_G

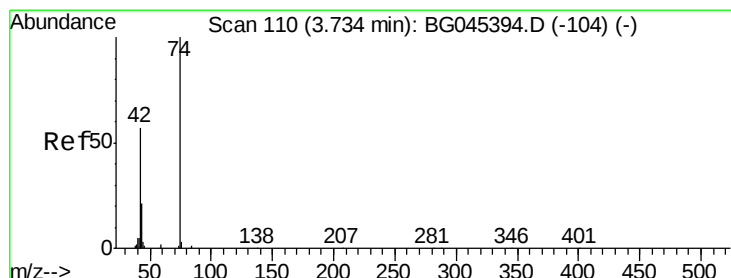
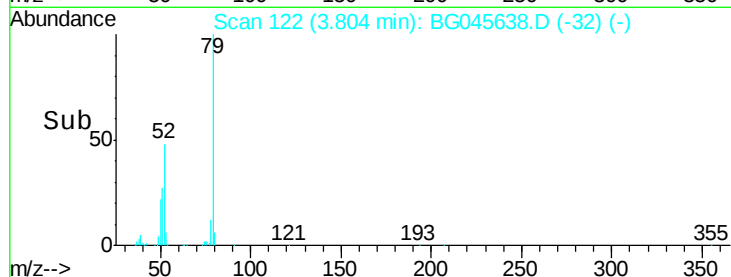
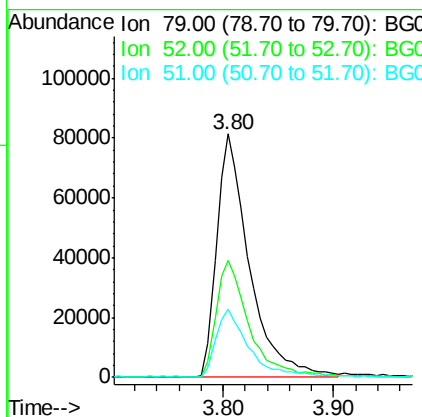
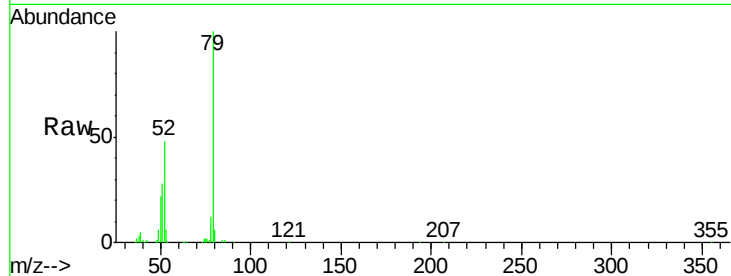
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	167318
Ion Ratio	Lower	Upper	
79	100		
52	48.0	40.8	61.2
51	27.8	21.9	32.9

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM



#4

n-Nitrosodimethylamine

Concen: 46.988 ng

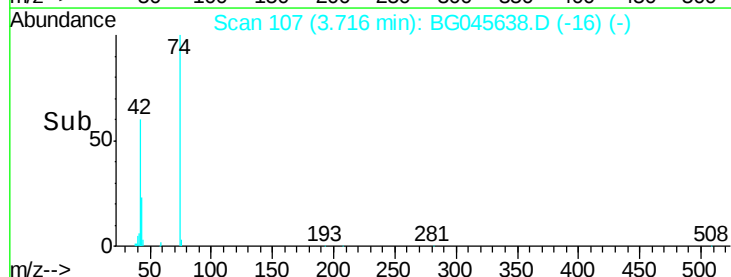
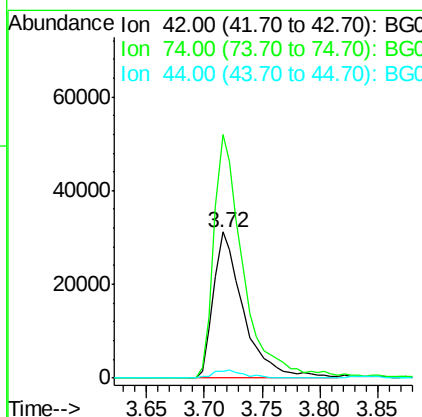
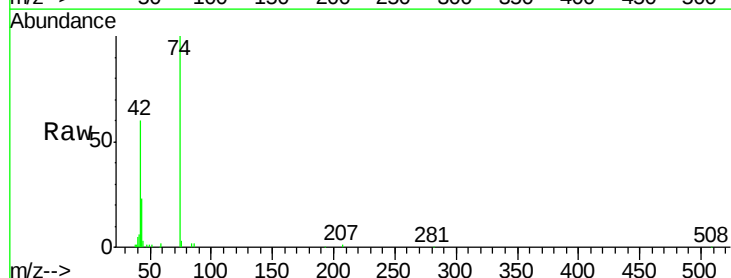
RT: 3.72 min Scan# 107

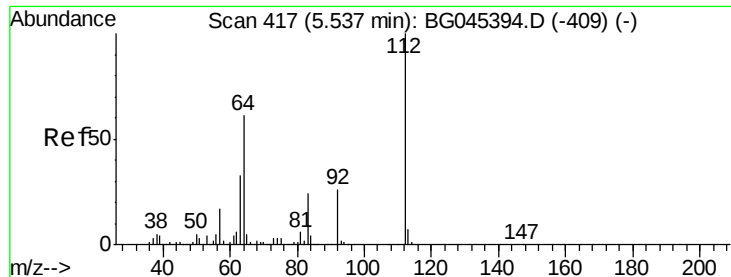
Delta R.T. 0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Tgt Ion:	42	Resp:	56503
Ion Ratio	Lower	Upper	
42	100		
74	166.9	141.3	211.9
44	4.5	4.2	6.4





#5

2-Fluorophenol

Concen: 89.638 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Instrument :

BNA_G

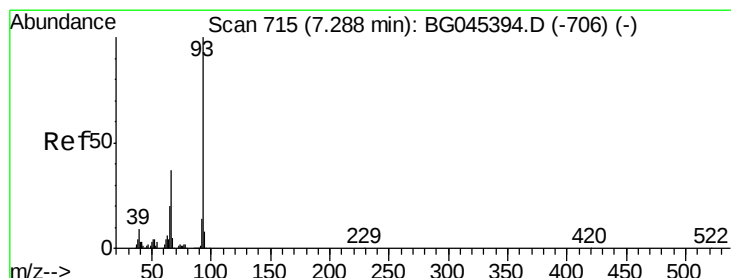
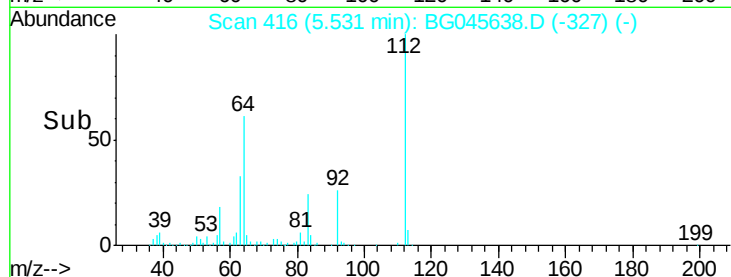
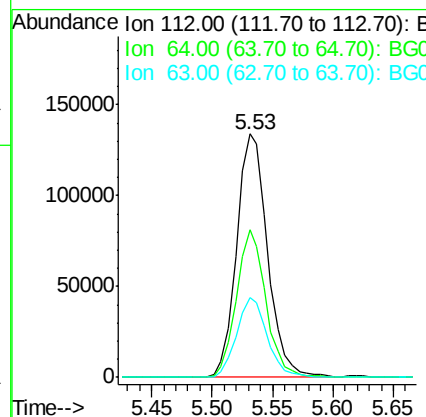
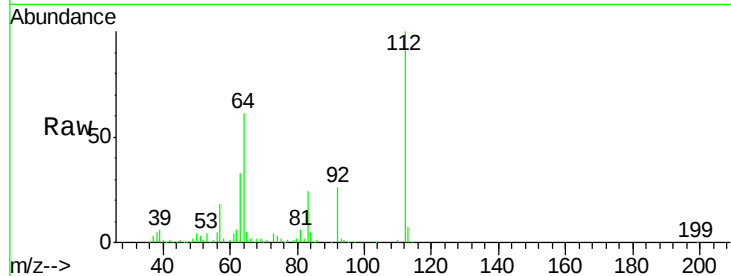
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		238510		
64	60.6	48.6	72.8		
63	32.5	26.5	39.7		

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM



#6

Aniline

Concen: 45.419 ng

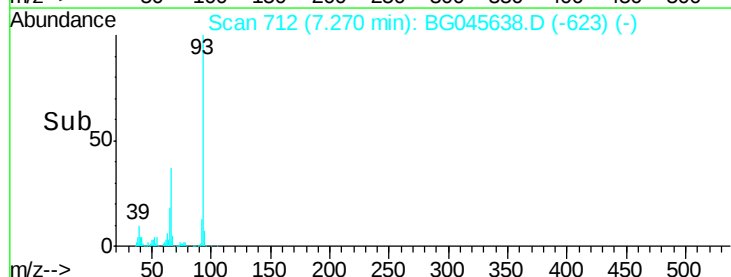
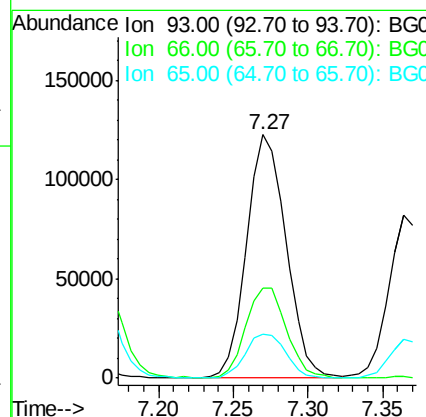
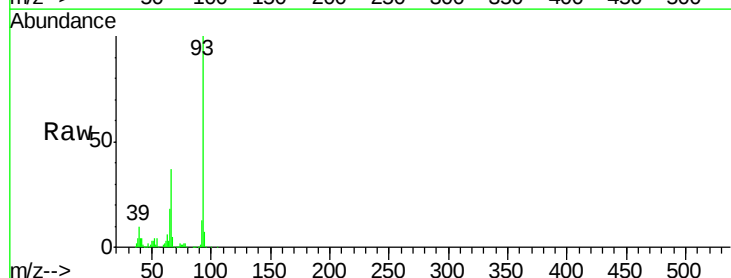
RT: 7.27 min Scan# 712

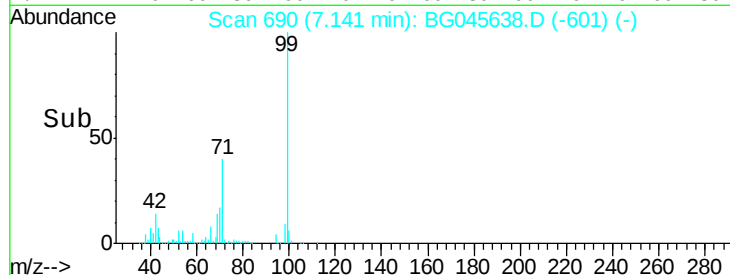
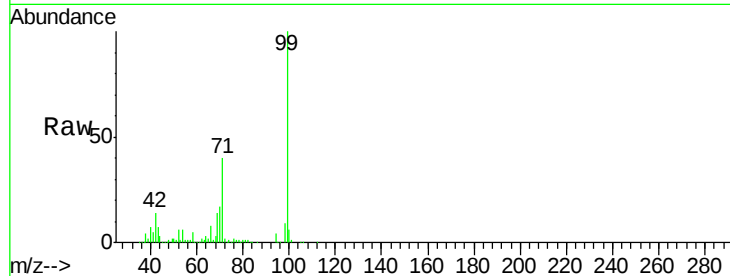
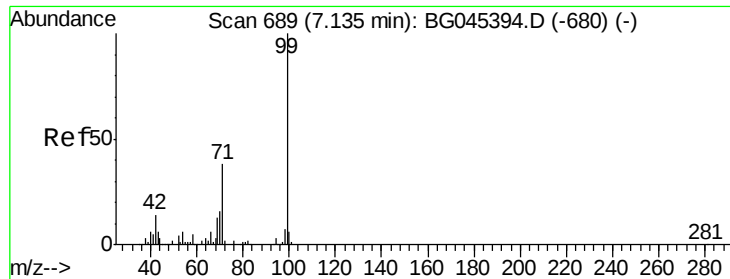
Delta R.T. -0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		224541		
66	37.1	29.6	44.4		
65	18.1	15.9	23.9		





#7

Phenol-d6

Concen: 92.783 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Tot Ion:	99	Resp:	351379
Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.3	16.9
71	39.9	30.8	46.2

Instrument :

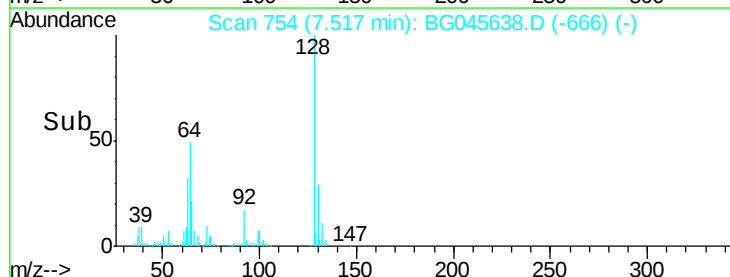
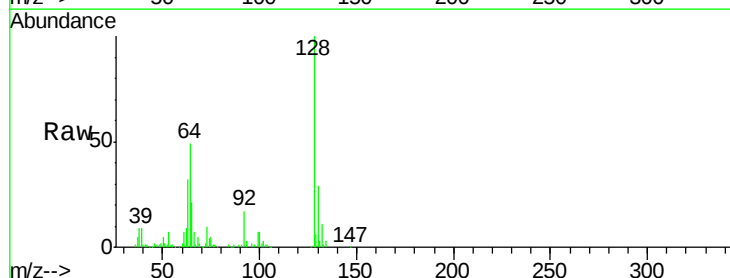
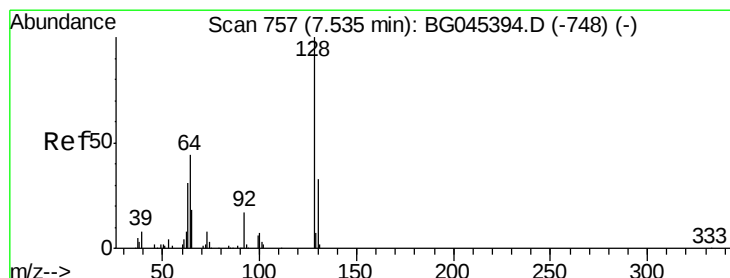
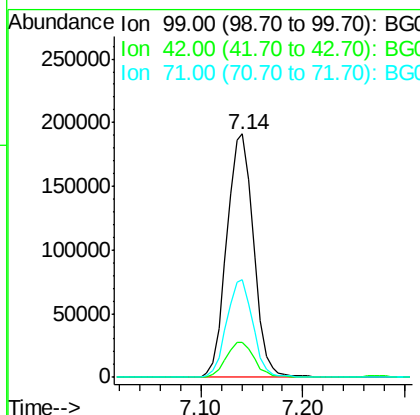
BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM



#8

2-Chlorophenol

Concen: 45.186 ng

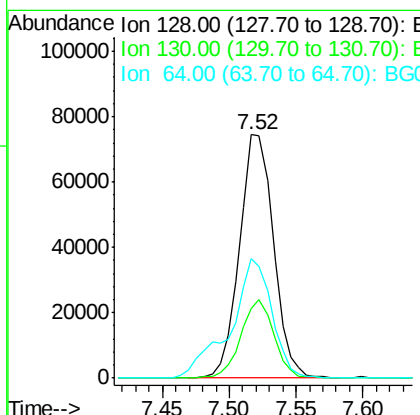
RT: 7.52 min Scan# 754

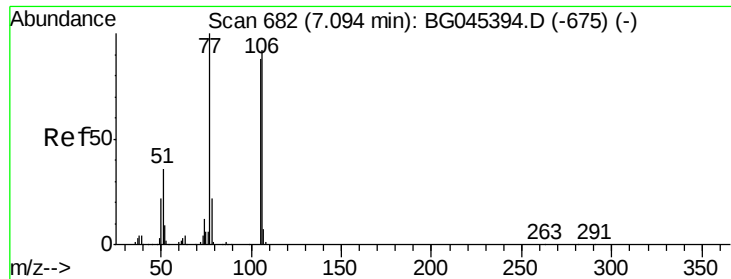
Delta R.T. -0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Tgt Ion:	128	Resp:	131848
Ion	Ratio	Lower	Upper
128	100		
130	28.8	12.6	52.6
64	49.0	27.0	67.0





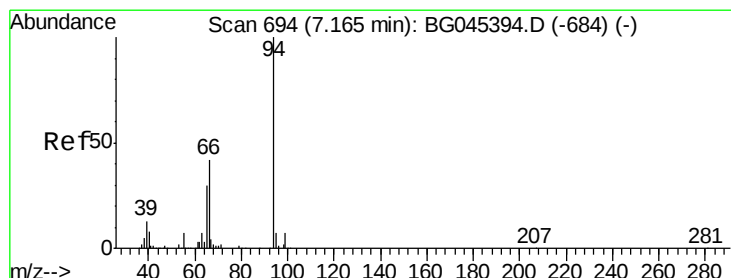
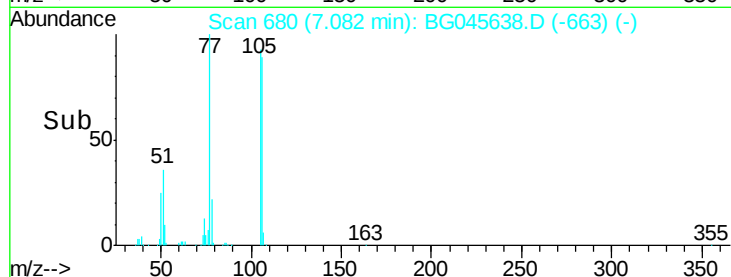
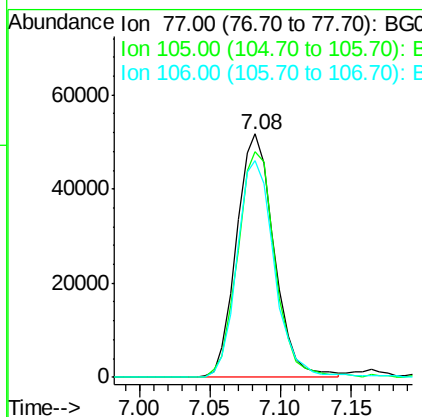
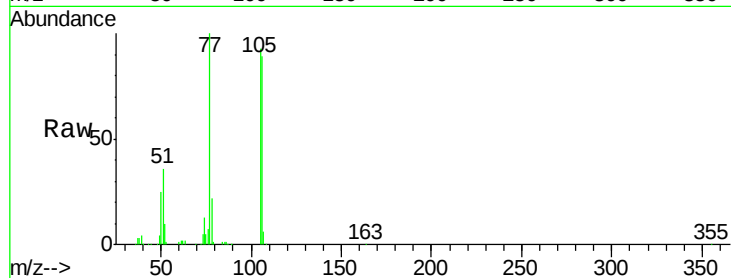
#9
Benzaldehyde
Concen: 38.973 ng
RT: 7.08 min Scan# 680
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.7	68.5	108.5
106	88.9	71.6	111.6

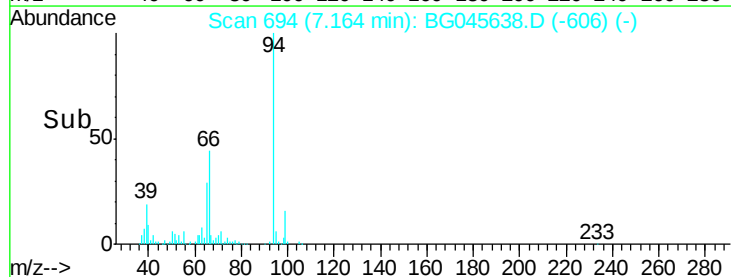
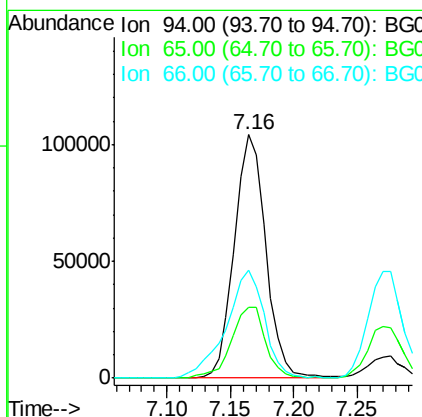
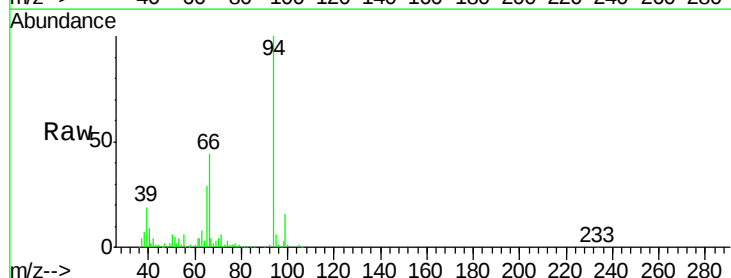
Manual Integrations
APPROVED

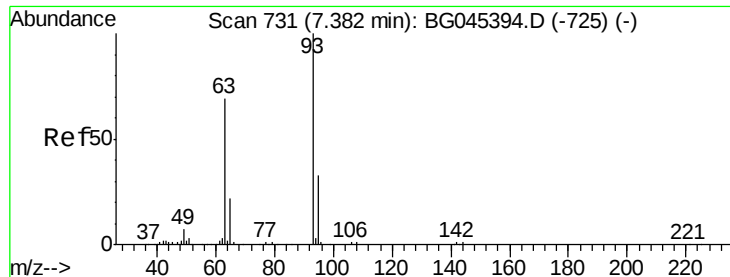
mohammad
6/9/2020 12:22:15 PM



#10
Phenol
Concen: 45.985 ng
RT: 7.16 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.8	49.8
66	44.1	22.0	62.0





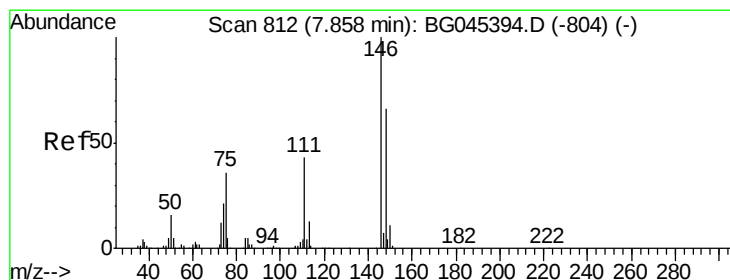
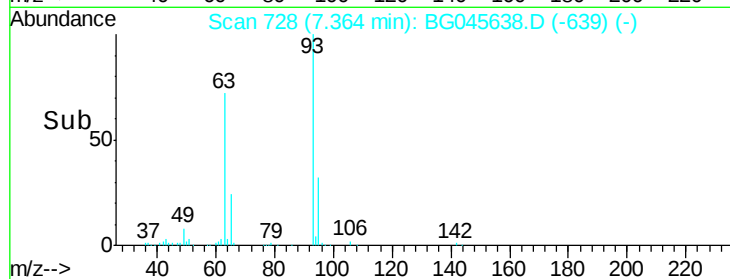
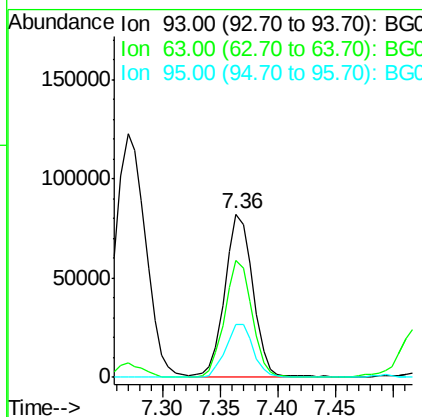
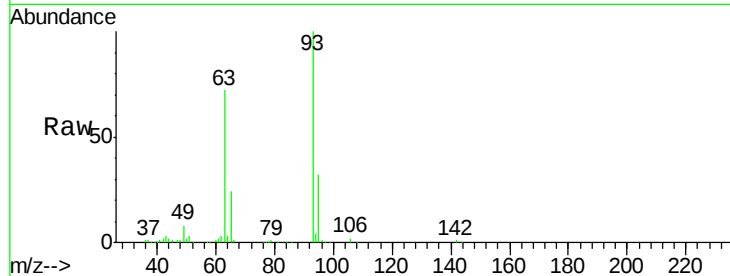
#11
bis(2-Chloroethyl)ether
Concen: 45.761 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	139318
Ion	Ratio	Lower	Upper
93	100		
63	71.8	48.4	88.4
95	32.4	12.4	52.4

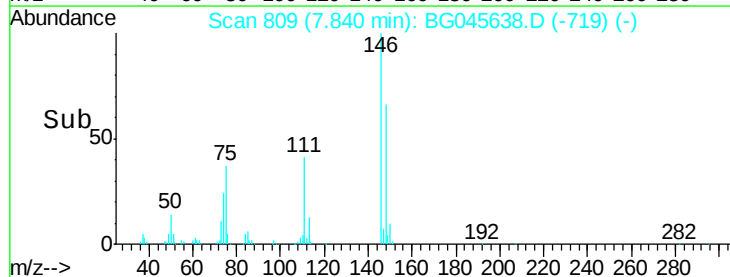
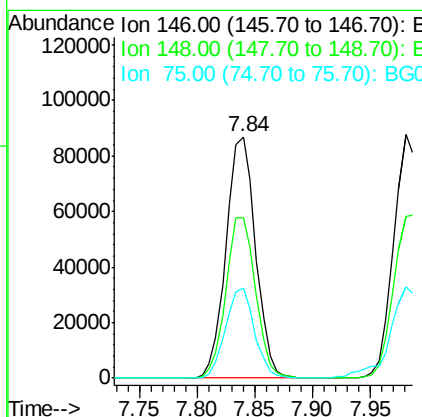
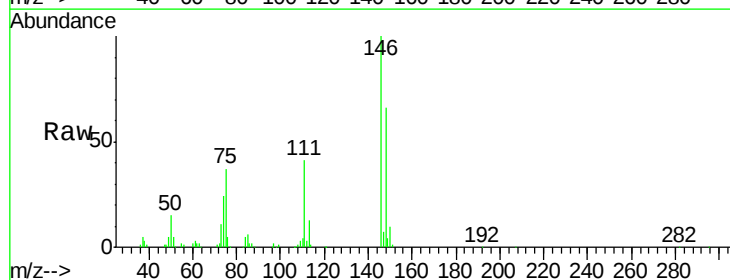
Manual Integrations
APPROVED

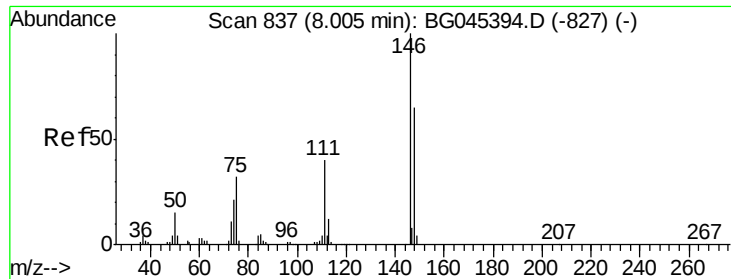
mohammad
6/9/2020 12:22:15 PM



#12
1,3-Dichlorobenzene
Concen: 43.923 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion:	146	Resp:	154015
Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.2	79.8
75	37.4	28.6	43.0





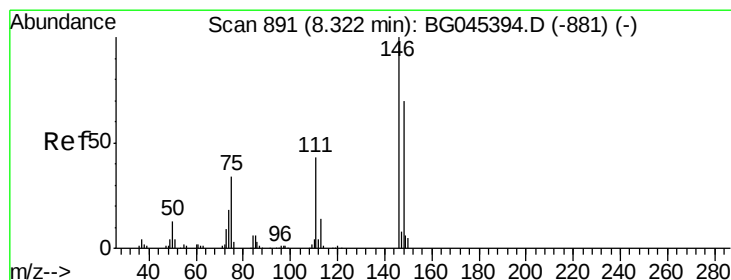
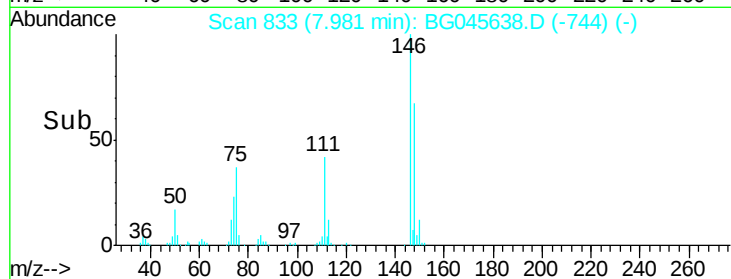
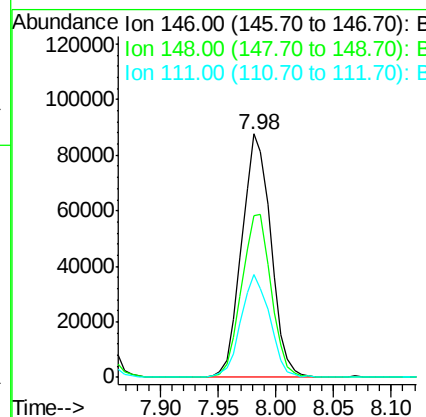
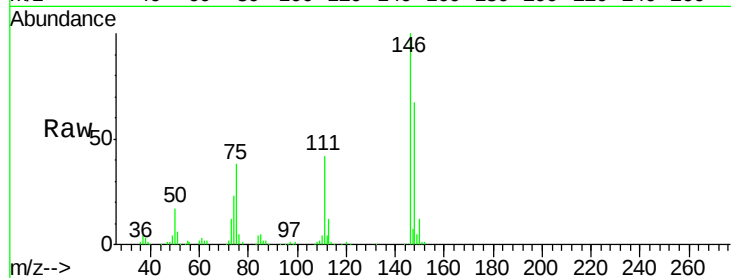
#13
1,4-Dichlorobenzene
Concen: 44.418 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.8	77.8
111	42.3	32.1	48.1

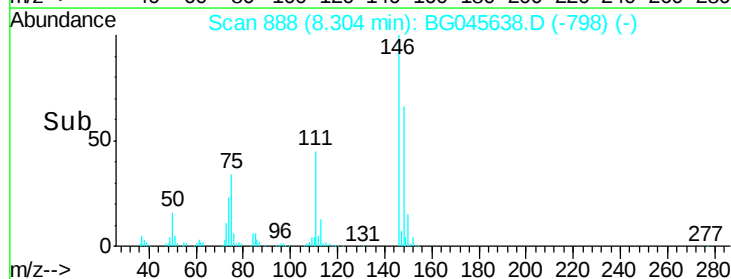
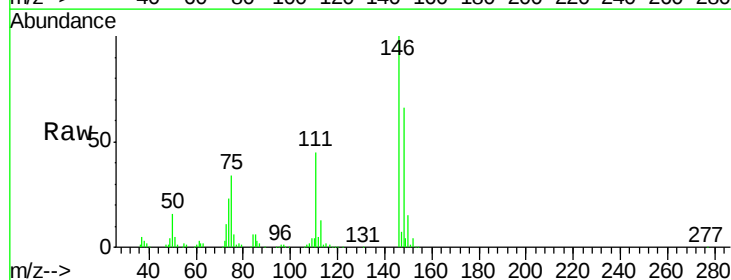
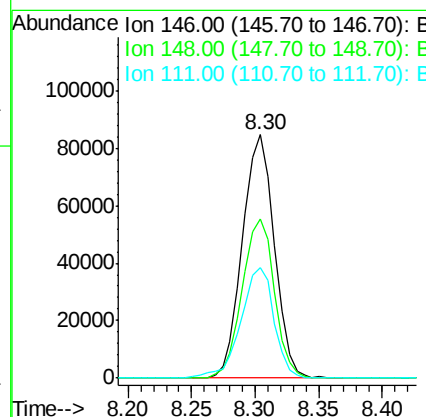
Manual Integrations
APPROVED

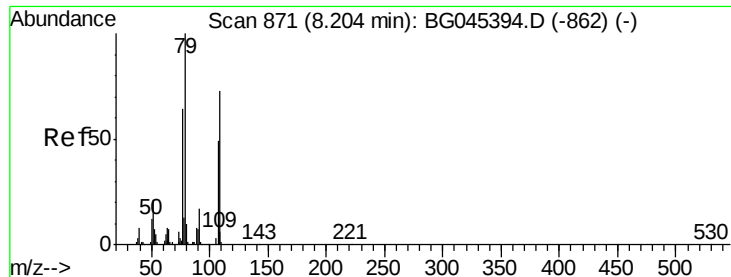
mohammad
6/9/2020 12:22:15 PM



#14
1,2-Dichlorobenzene
Concen: 44.489 ng
RT: 8.30 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	55.9	83.9
111	45.3	35.0	52.4





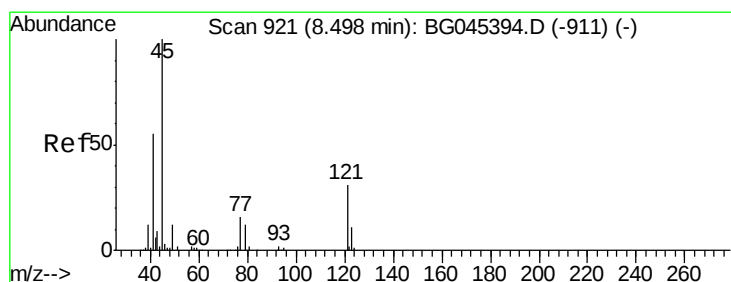
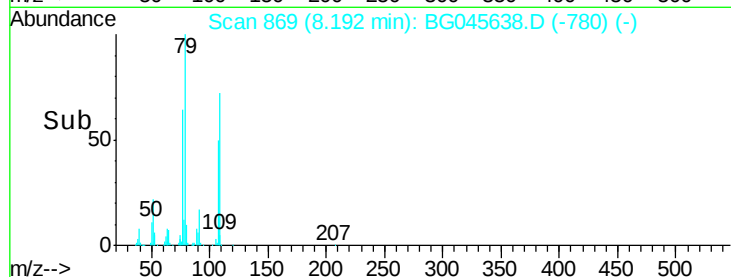
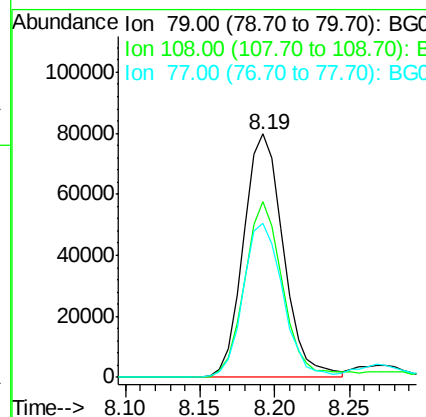
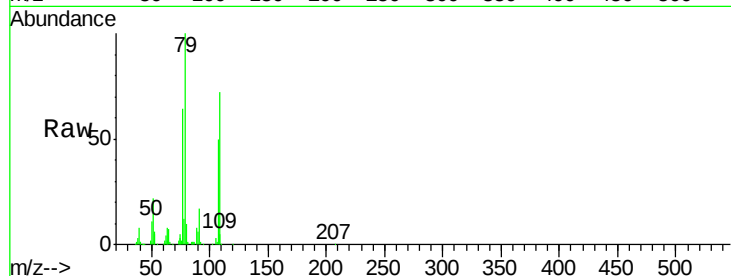
#15
Benzyl Alcohol
Concen: 47.155 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.2	58.2	87.4
77	63.5	51.0	76.4

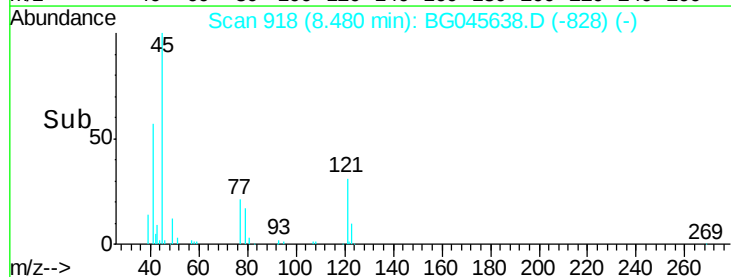
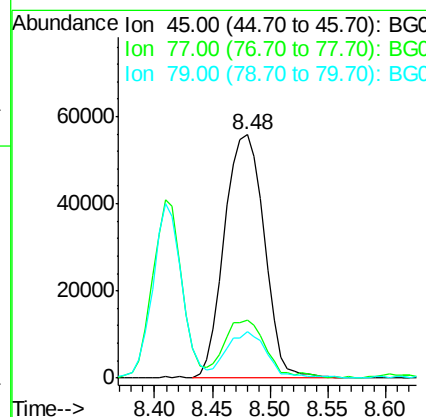
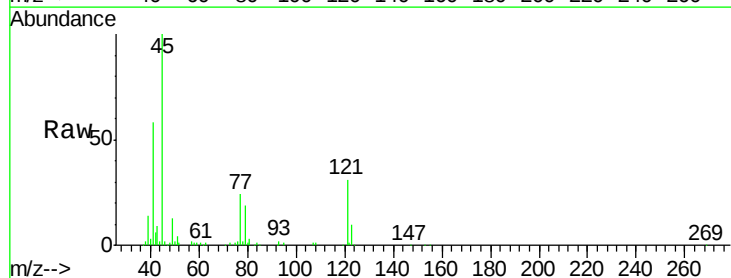
Manual Integrations
APPROVED

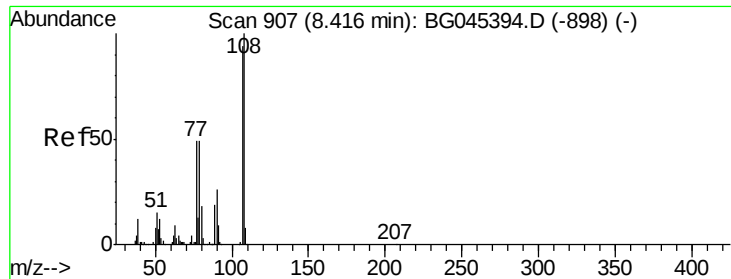
mohammad
6/9/2020 12:22:15 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.334 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.0	4.0	44.0
79	19.1	0.0	38.6





#17

2-Methylphenol

Concen: 45.804 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Instrument :

BNA_G

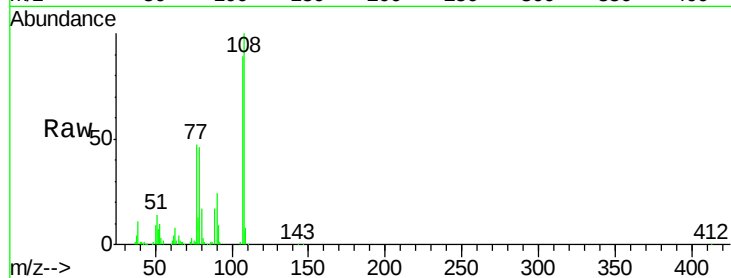
ClientSampleId :

SSTDCCC040

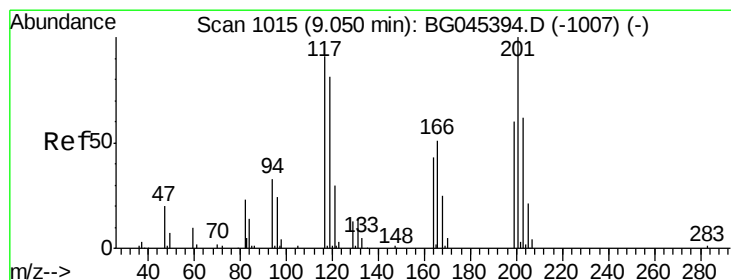
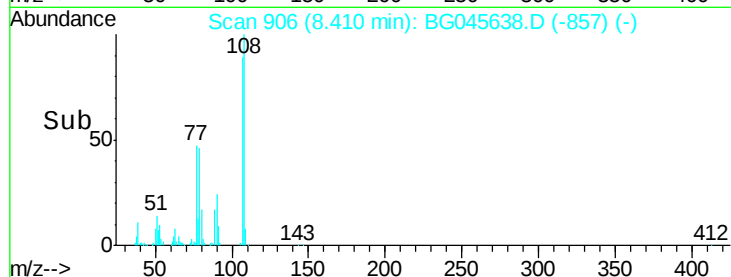
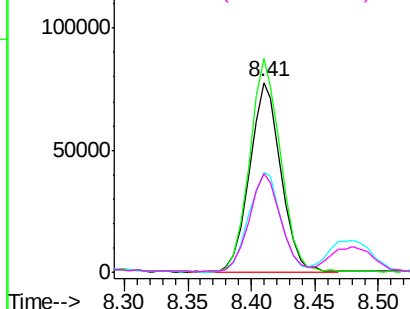
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	85.2	127.8	
77	52.5	41.6	62.4	
79	51.6	41.8	62.8	

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM



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



#18

Hexachloroethane

Concen: 44.040 ng

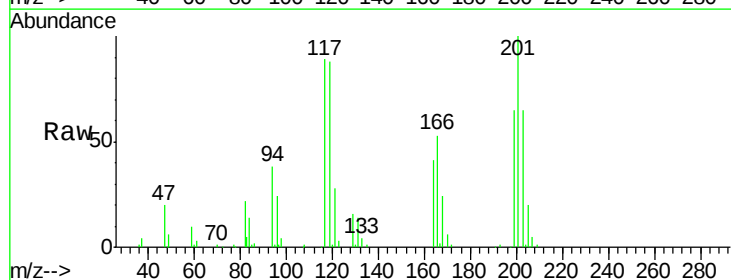
RT: 9.03 min Scan# 1012

Delta R.T. -0.01 min

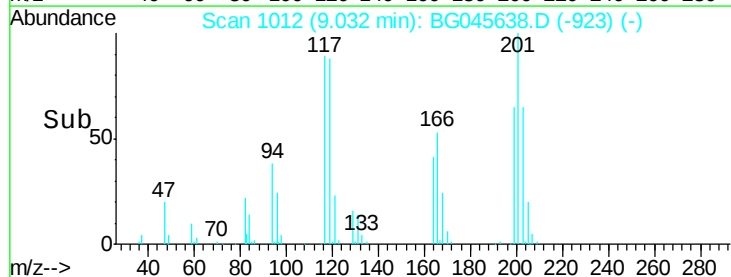
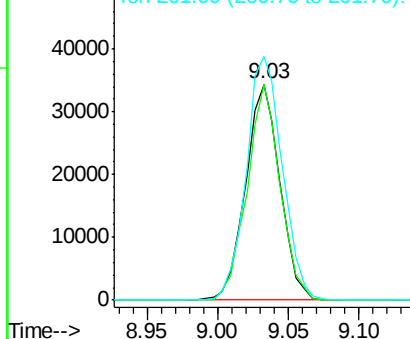
Lab File: BG045638.D

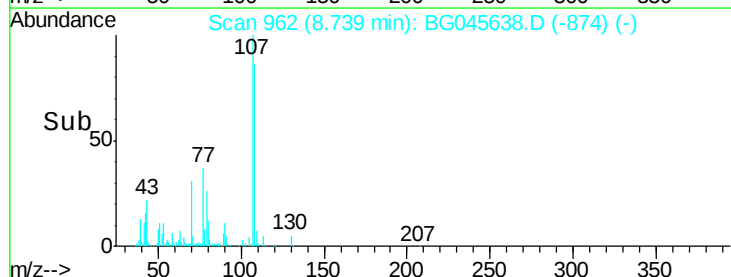
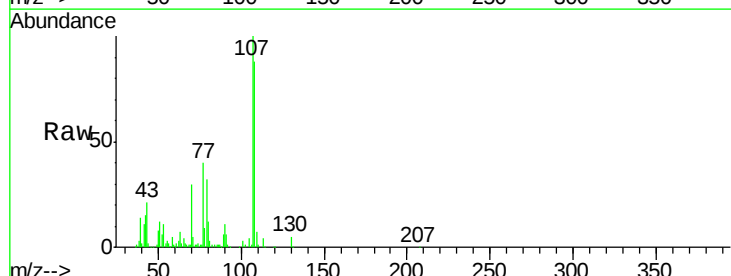
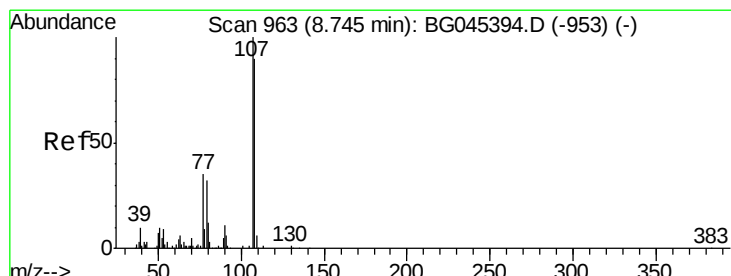
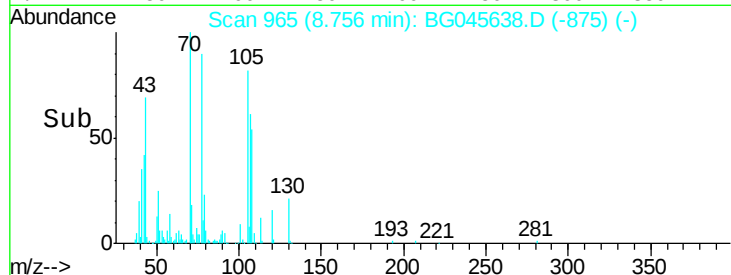
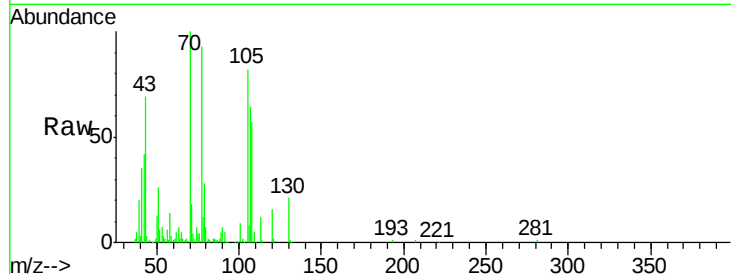
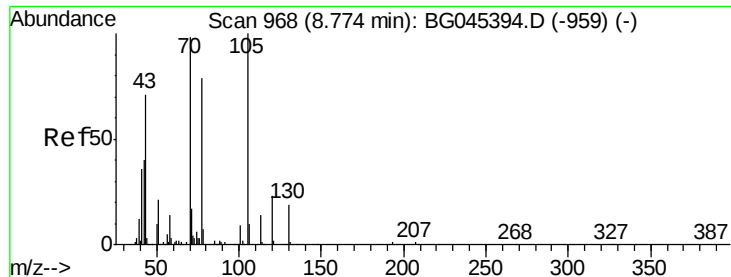
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.6	71.3	106.9	
201	112.8	87.5	131.3	



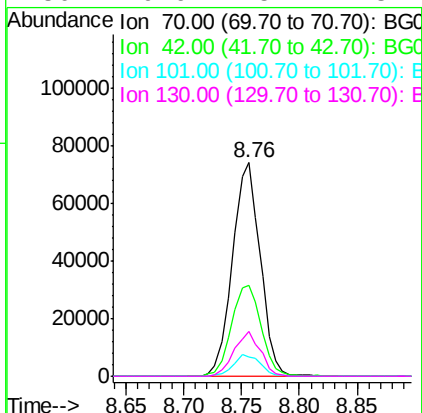
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 47.146 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.3	33.2	49.8	
101	9.2	7.8	11.6	
130	20.9	15.4	23.2	



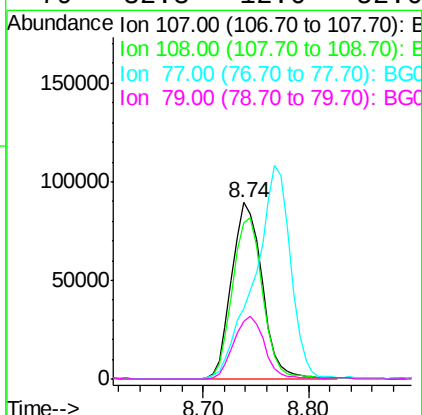
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

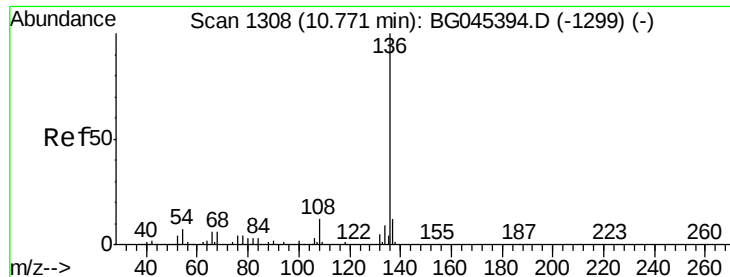
Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM

#20
3+4-Methylphenols
Concen: 45.274 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.1	70.3	110.3	
77	39.6	15.4	55.4	
79	32.3	12.6	52.6	





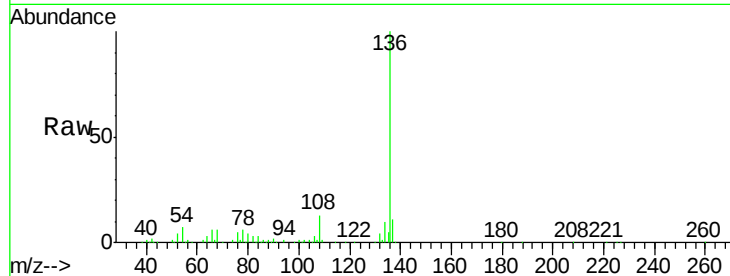
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

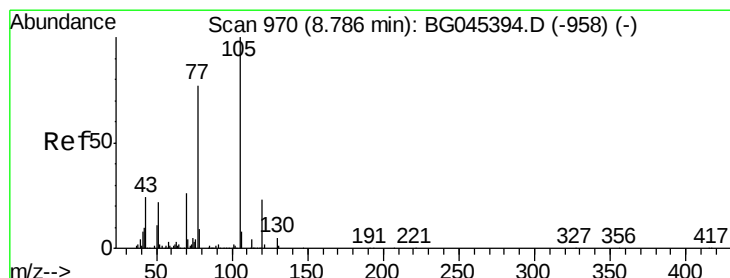
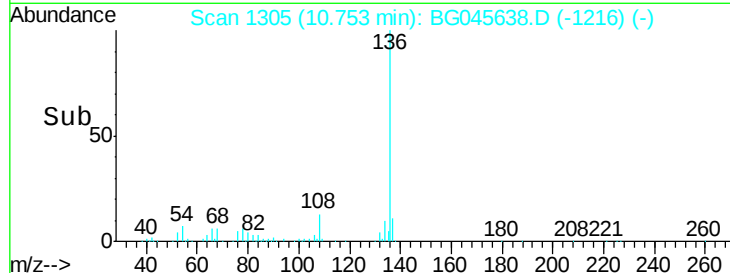
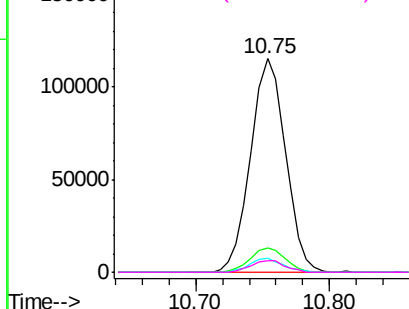
Tot Ion	Ratio	Resp	Lower	Upper
136	100	208097		
137	11.2		9.4	14.2
54	6.6		5.8	8.6
68	5.7		4.5	6.7

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM



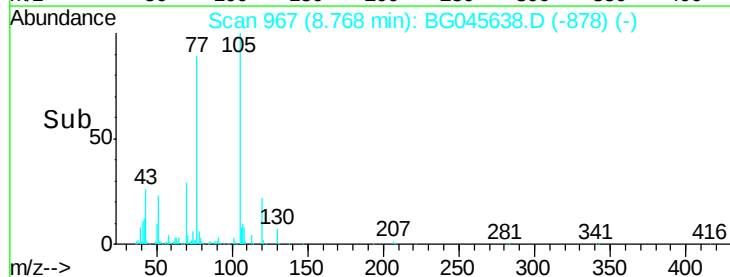
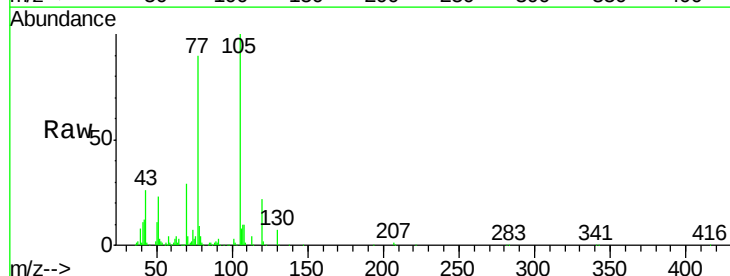
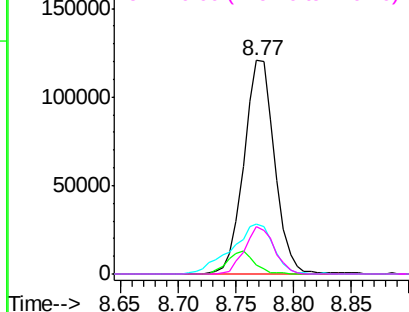
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

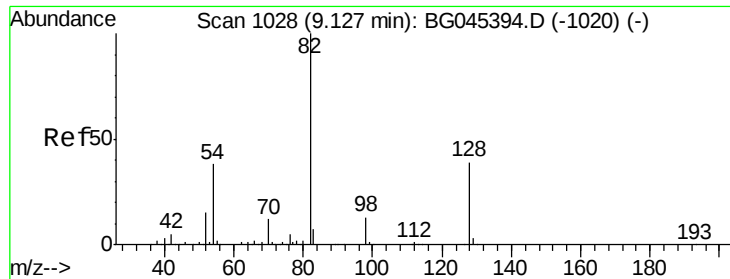


#22
Acetophenone
Concen: 45.162 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	222746		
71	4.4		3.4	5.0
51	23.2		18.2	27.2
120	22.4		18.6	27.8

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





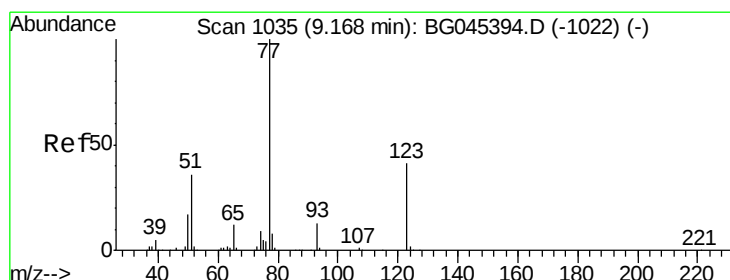
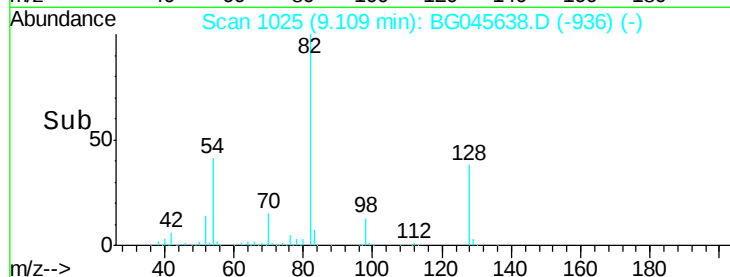
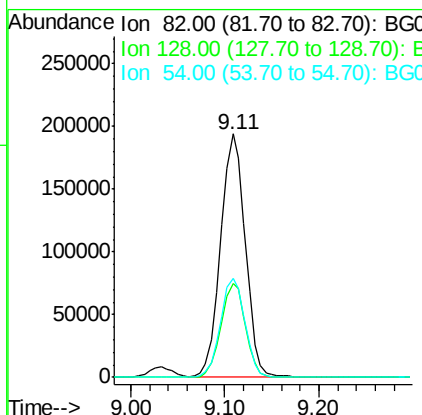
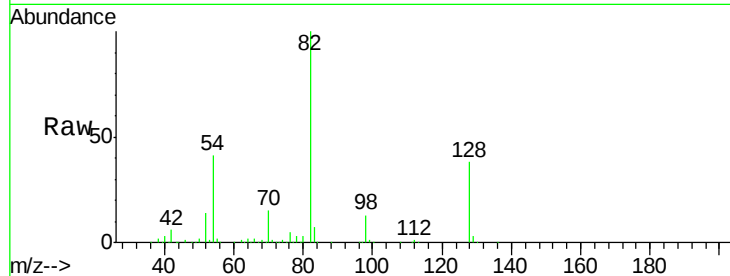
#23
Nitrobenzene-d5
Concen: 92.928 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.5	30.9	46.3	
54	40.5	30.3	45.5	

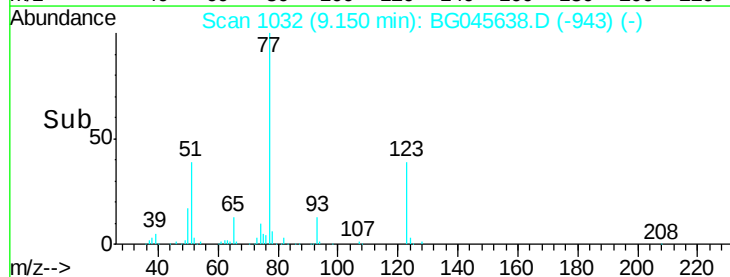
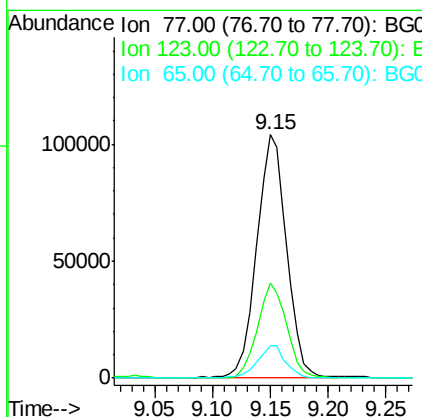
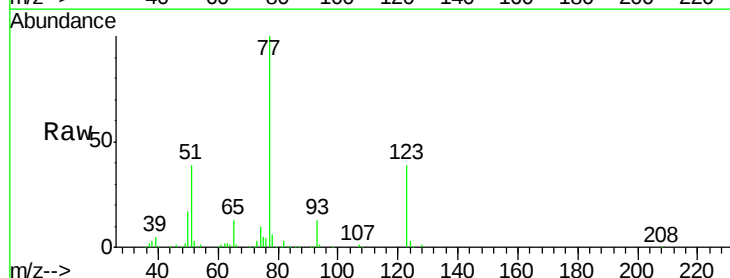
Manual Integrations
APPROVED

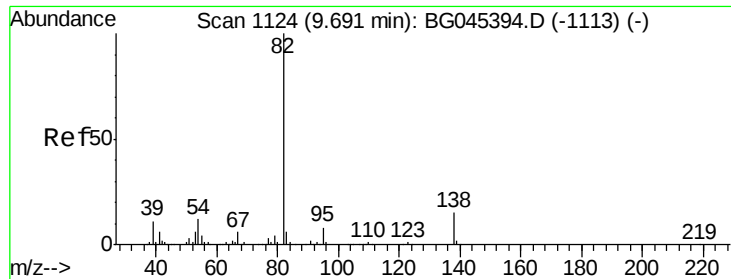
mohammad
6/9/2020 12:22:15 PM



#24
Nitrobenzene
Concen: 45.908 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.3	32.9	49.3	
65	13.4	9.4	14.2	





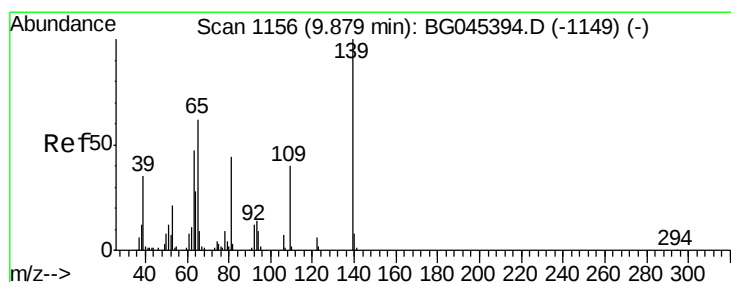
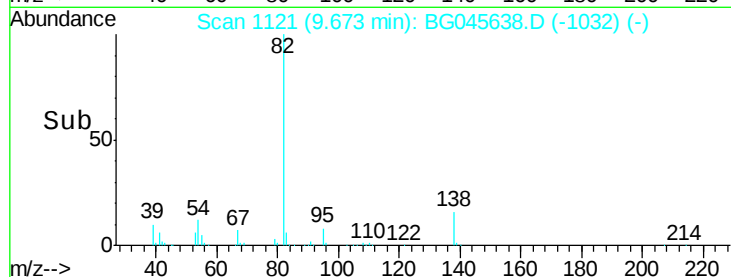
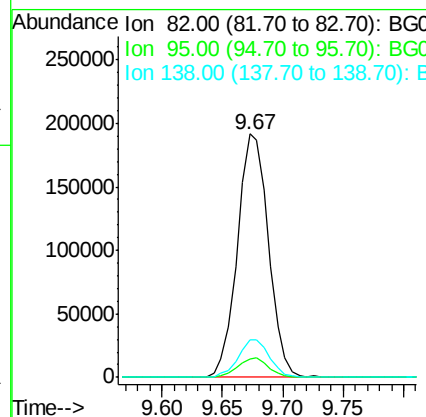
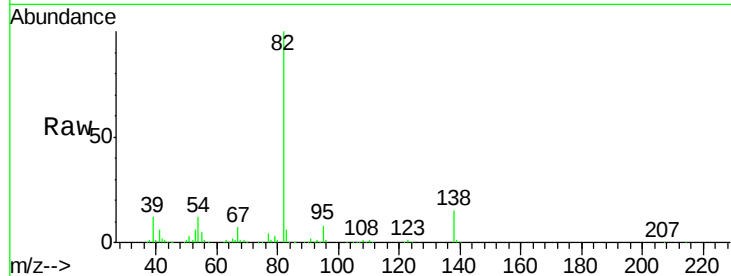
#25
Isophorone
Concen: 45.847 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	344558		
95	7.6	6.7	10.1	
138	15.4	12.2	18.4	

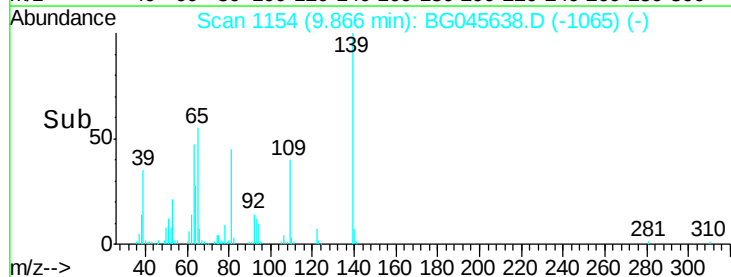
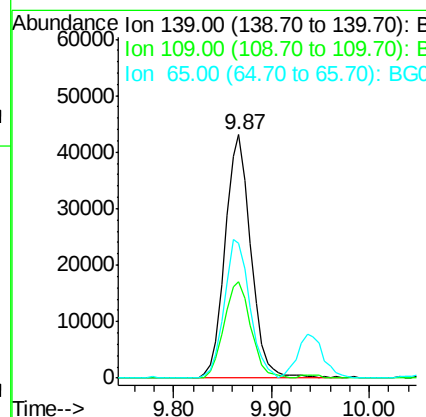
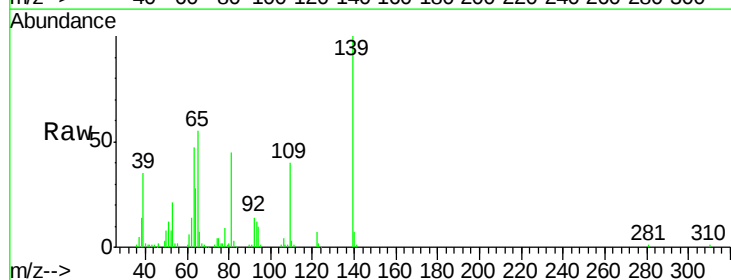
Manual Integrations
APPROVED

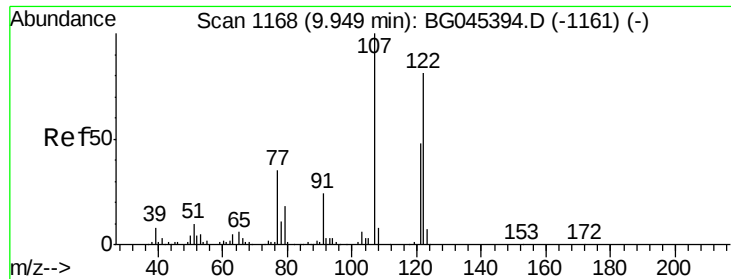
mohammad
6/9/2020 12:22:15 PM



#26
2-Nitrophenol
Concen: 45.137 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	78945		
109	39.5	32.2	48.4	
65	55.3	49.6	74.4	





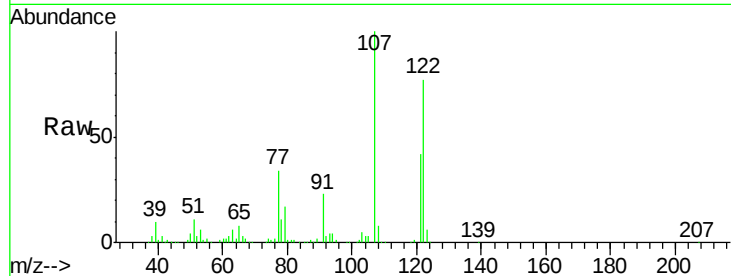
#27
2,4-Dimethylphenol
Concen: 45.544 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	118143		
107	129.0	99.0	148.4	
121	53.7	47.7	71.5	

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM

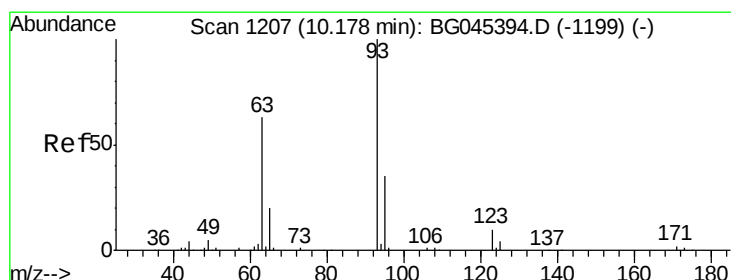
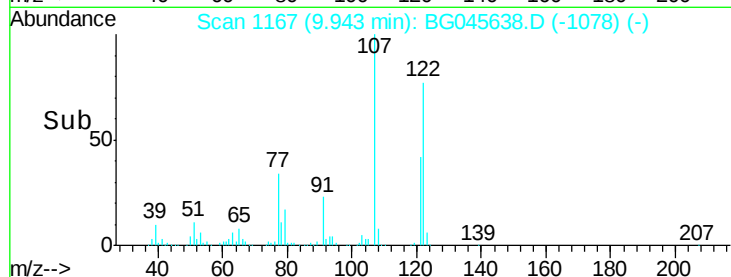
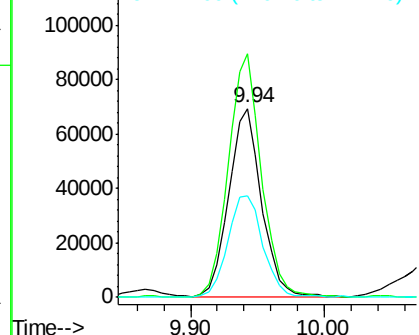


Abundance

Ion 122.00 (121.70 to 122.70): E

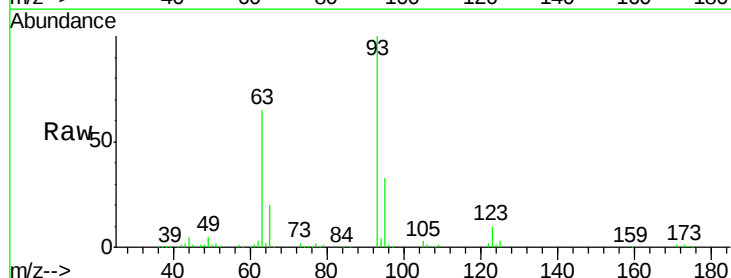
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 45.217 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	178212		
95	33.3	27.6	41.4	
123	9.9	8.1	12.1	

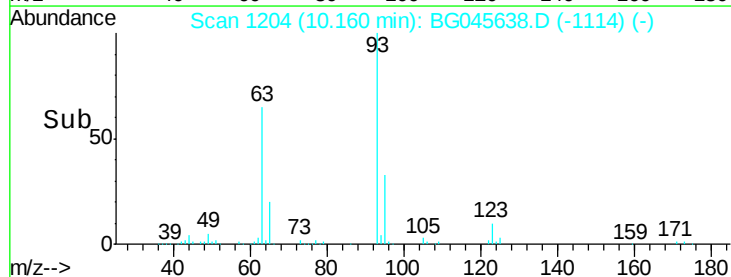
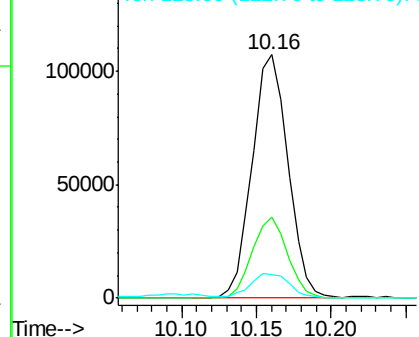


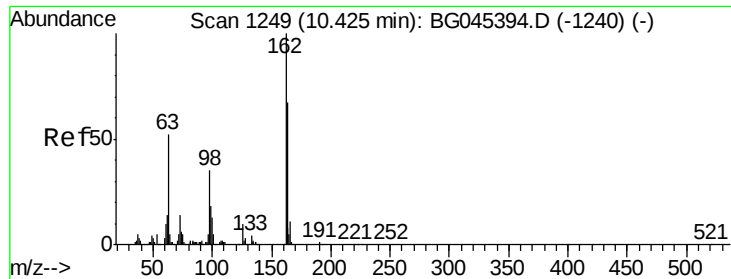
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





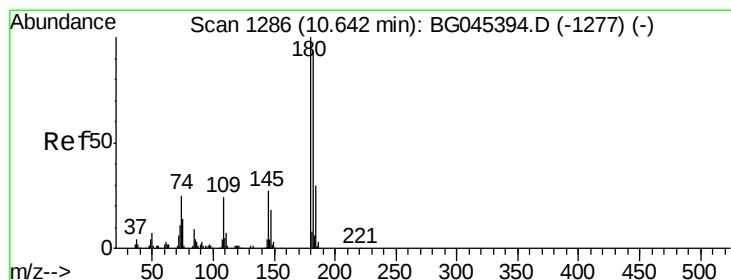
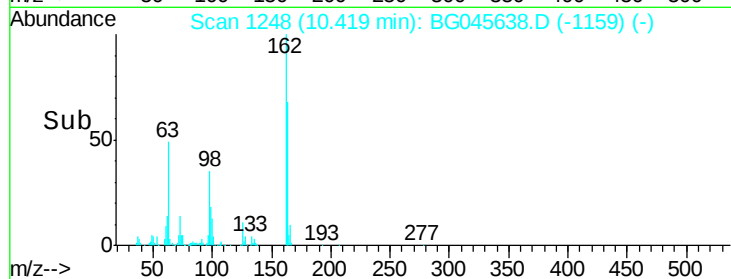
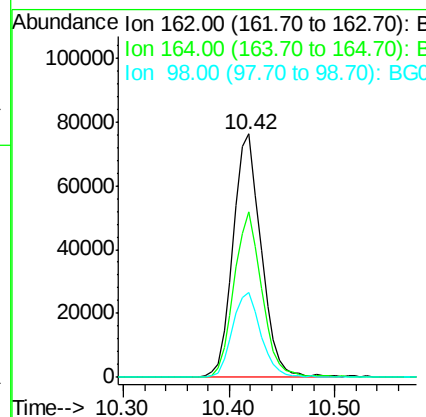
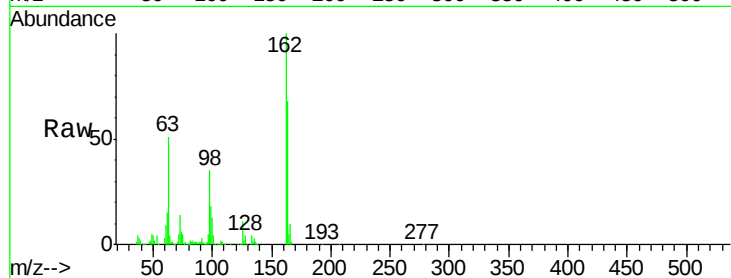
#29
 2,4-Dichlorophenol
 Concen: 45.827 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	67.7	46.8	86.8
98	35.1	15.2	55.2

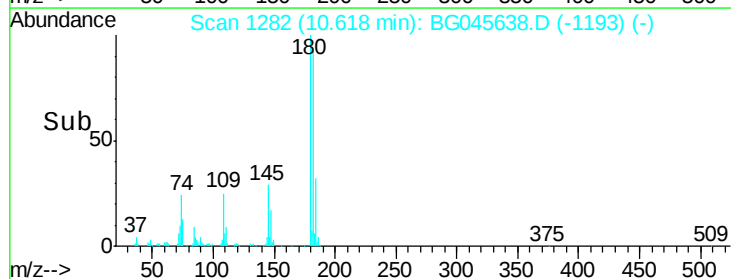
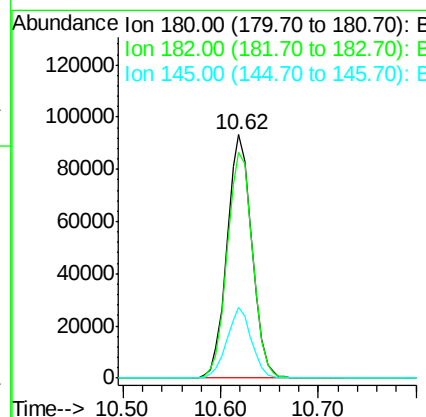
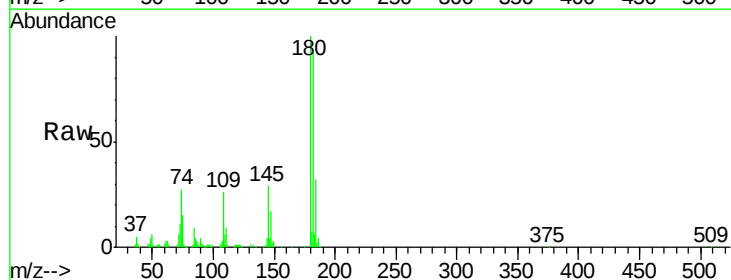
Manual Integrations
 APPROVED

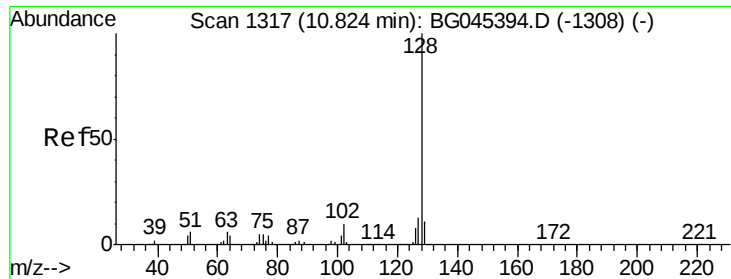
mohammad
 6/9/2020 12:22:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.374 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.5	74.8	112.2
145	29.0	21.9	32.9





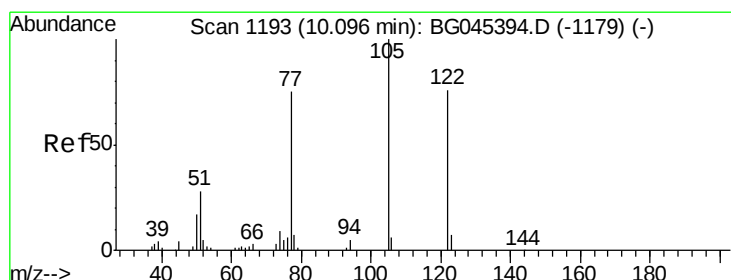
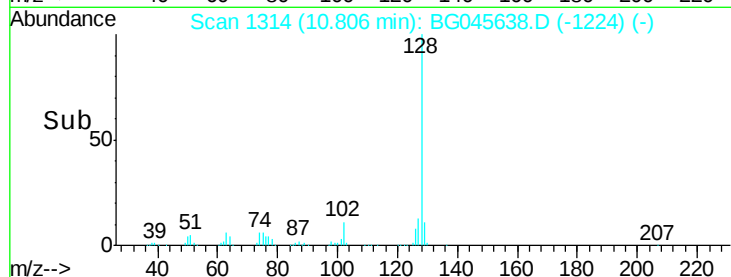
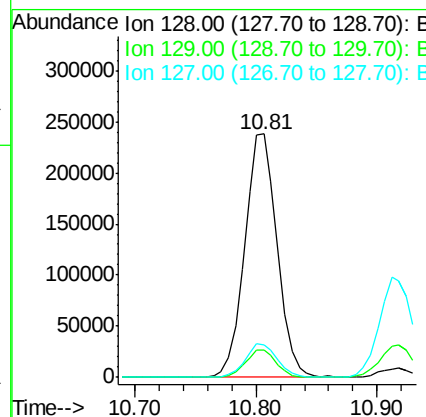
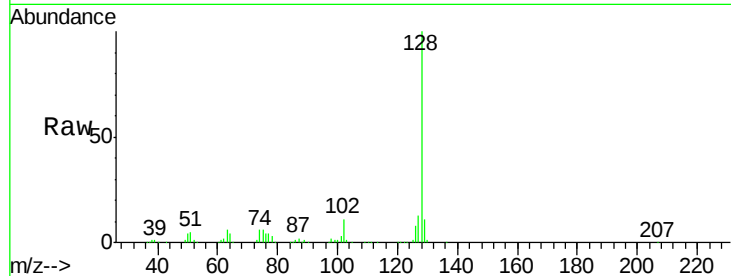
#31
Naphthalene
Concen: 45.664 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.3	10.7	16.1

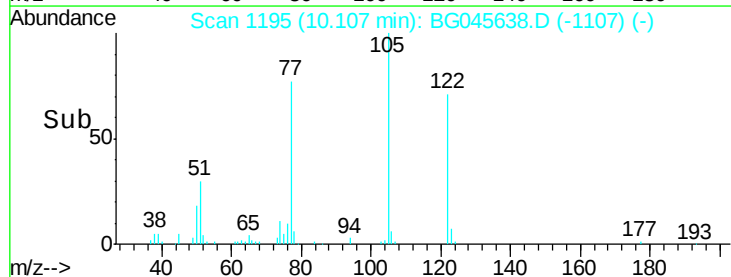
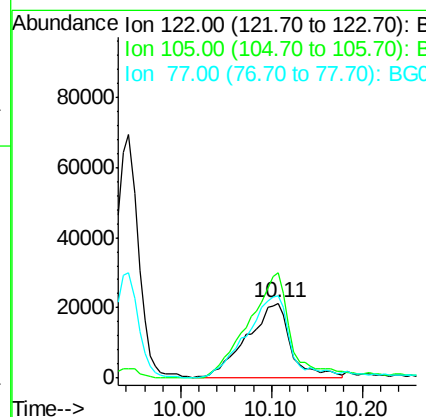
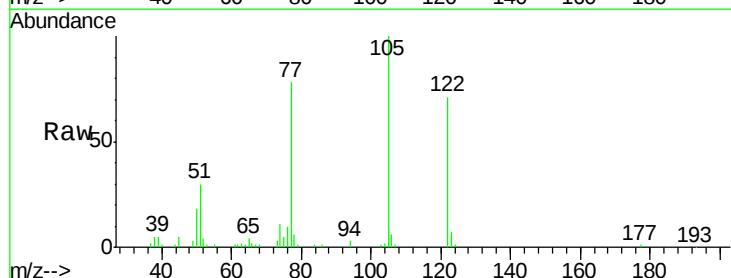
Manual Integrations
APPROVED

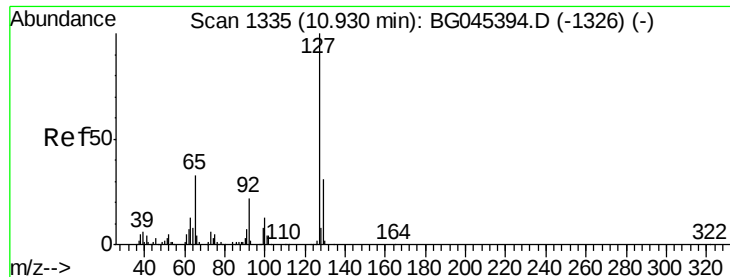
mohammad
6/9/2020 12:22:15 PM



#32
Benzoic acid
Concen: 41.542 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.0	107.9	147.9
77	109.6	78.9	118.9





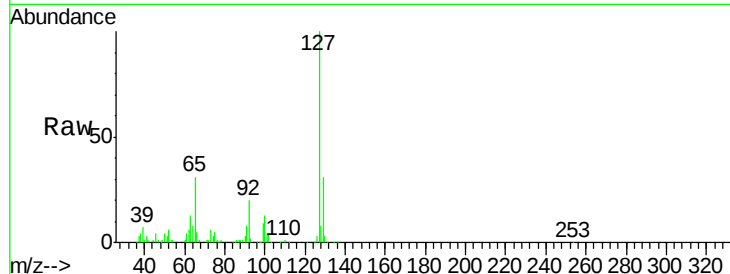
#33
4-Chloroaniline
Concen: 46.865 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

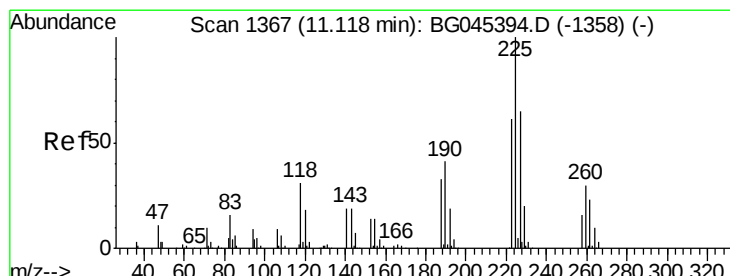
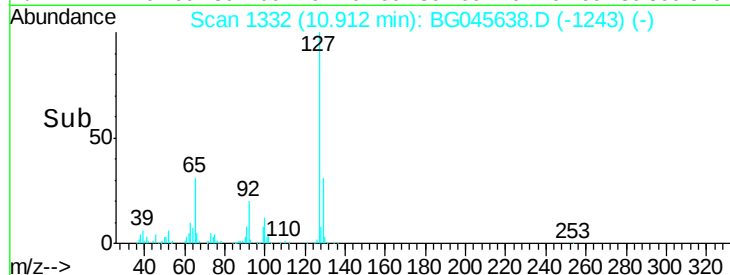
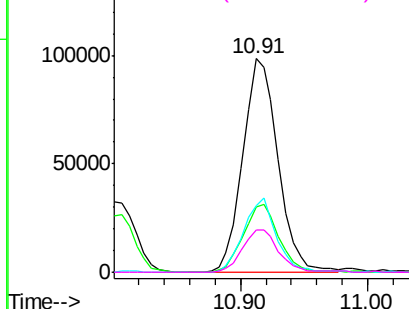
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		189966		
129	30.6	24.7	37.1		
65	31.3	26.2	39.2		
92	19.8	17.9	26.9		

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM

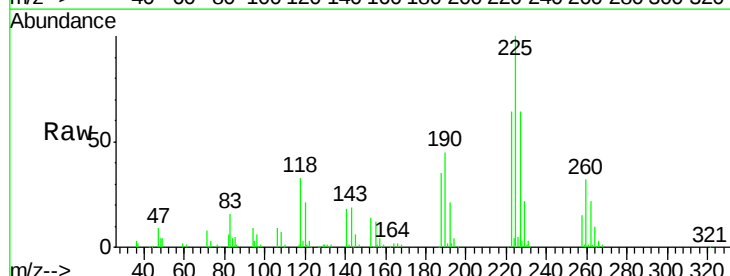


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

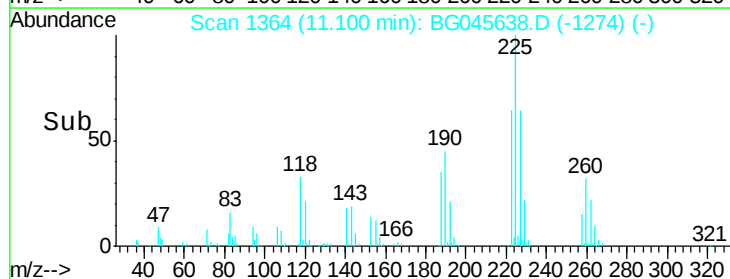
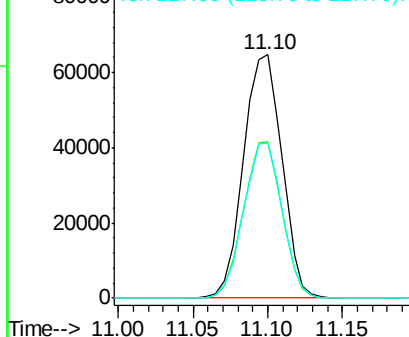


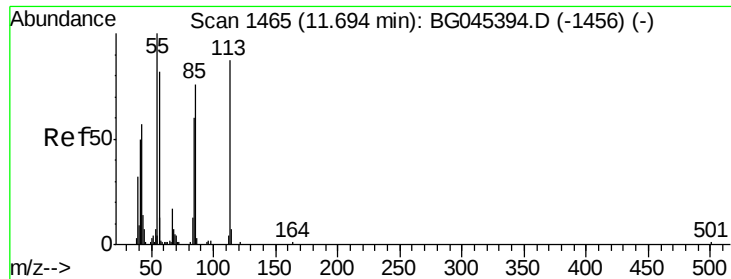
#34
Hexachlorobutadiene
Concen: 45.044 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		115253		
223	64.2	49.1	73.7		
227	63.6	52.0	78.0		



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





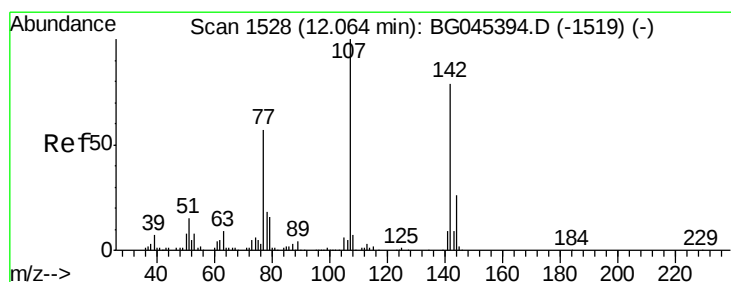
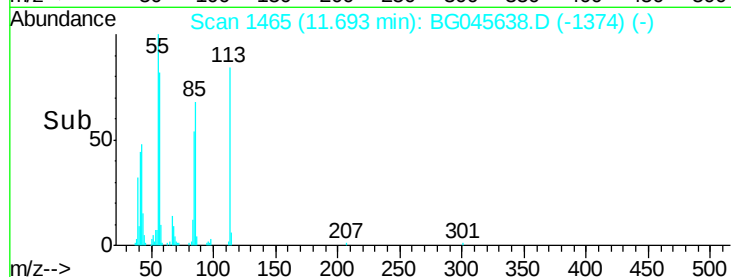
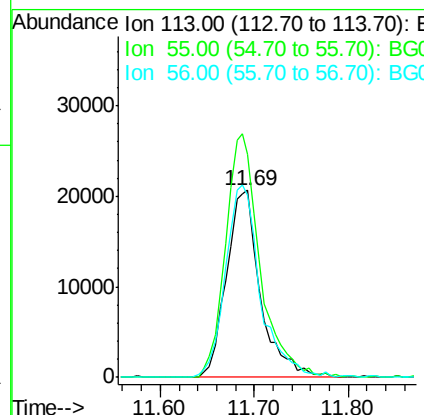
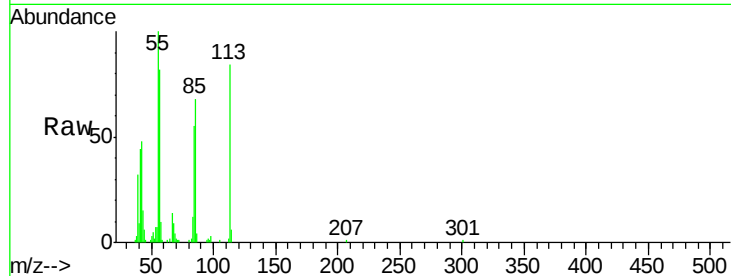
#35
Caprolactam
Concen: 46.078 ng
RT: 11.69 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	119.3	96.0	136.0
56	97.3	75.1	115.1

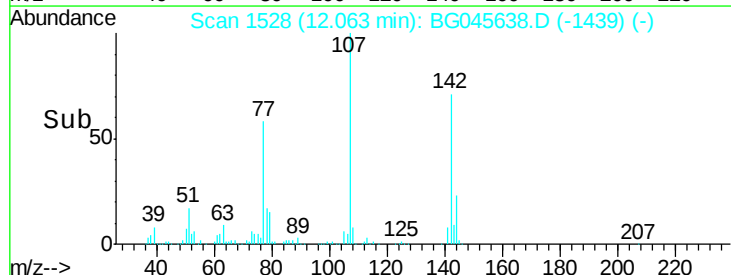
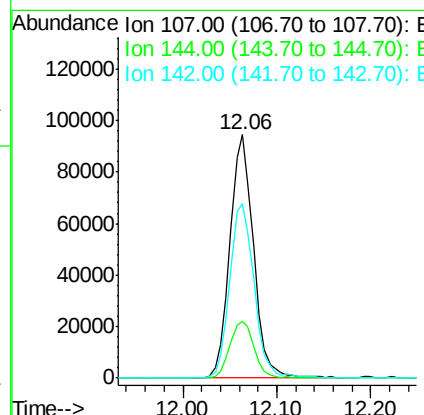
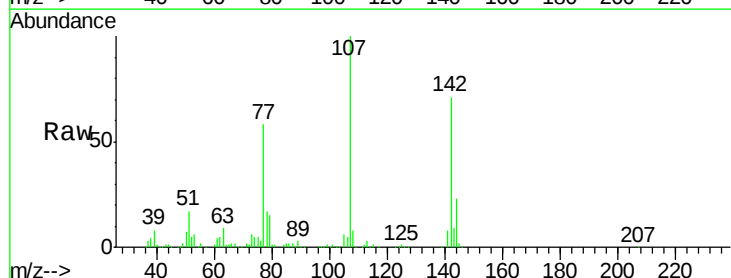
Manual Integrations
APPROVED

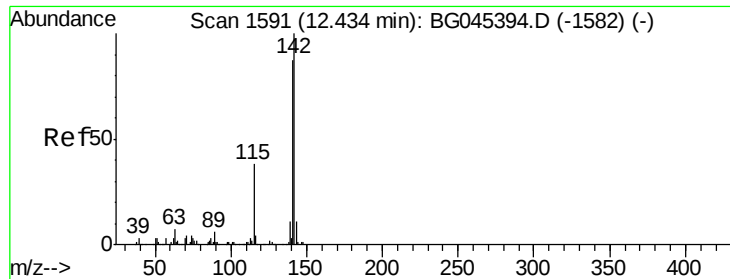
mohammad
6/9/2020 12:22:15 PM



#36
4-Chloro-3-methylphenol
Concen: 47.792 ng
RT: 12.06 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	20.8	31.2
142	71.4	62.8	94.2





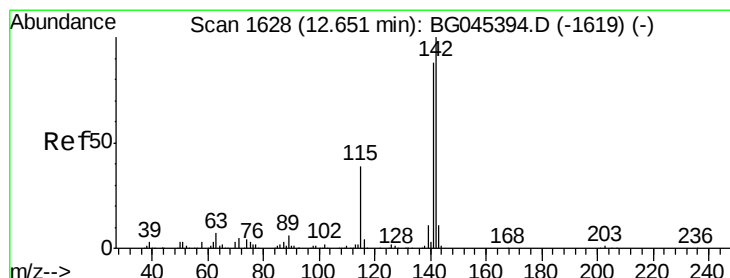
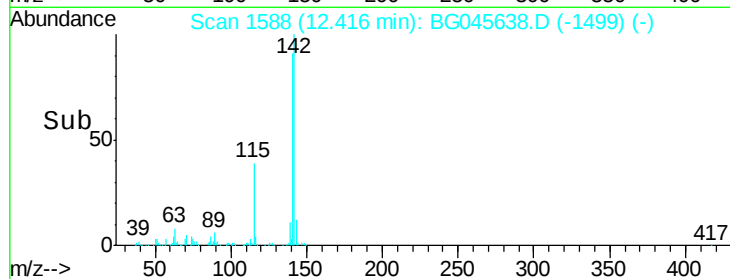
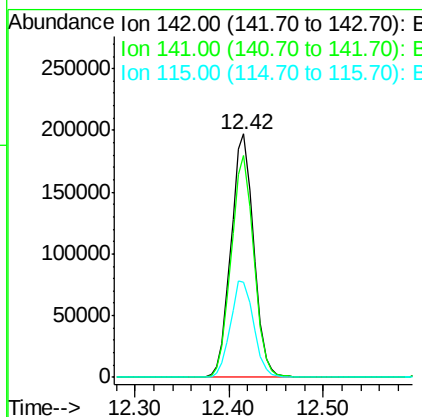
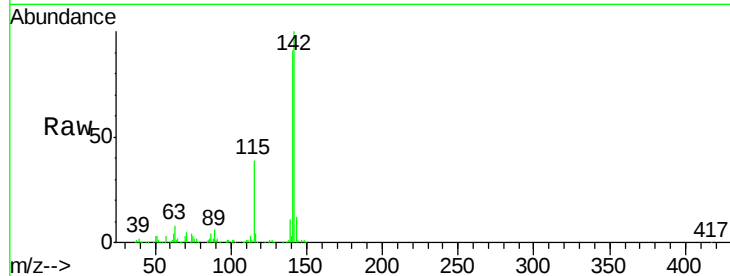
#37
2-Methylnaphthalene
Concen: 45.776 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.0	105.0
115	38.8	30.8	46.2

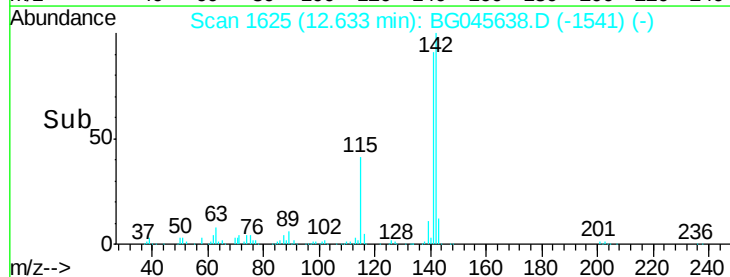
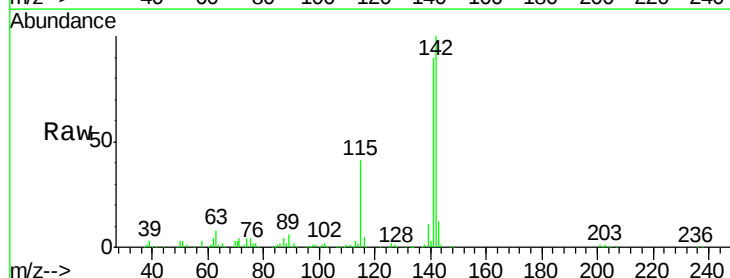
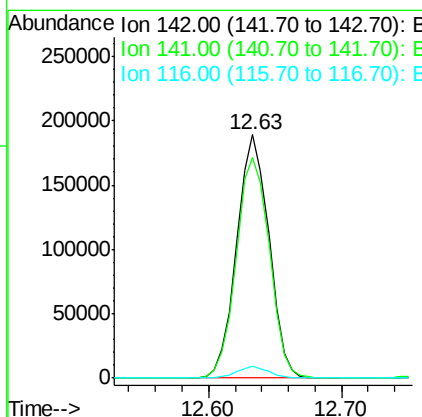
Manual Integrations
APPROVED

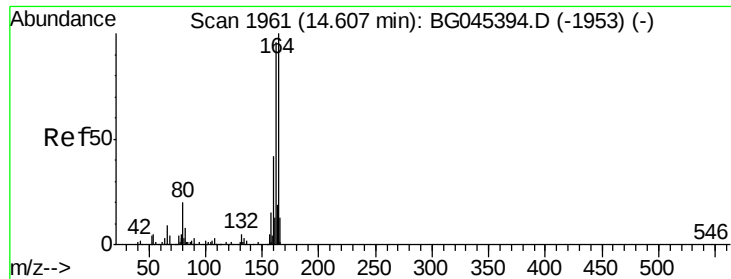
mohammad
6/9/2020 12:22:15 PM



#38
1-Methylnaphthalene
Concen: 46.348 ng m
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
116	4.7	3.0	4.6#





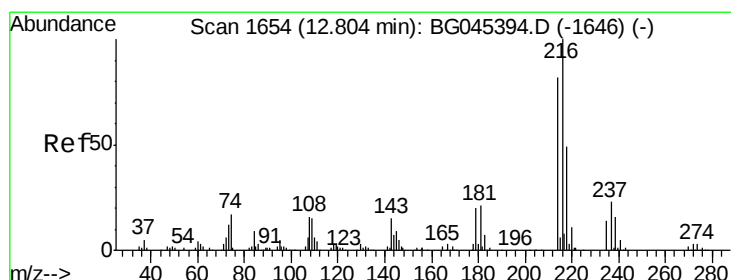
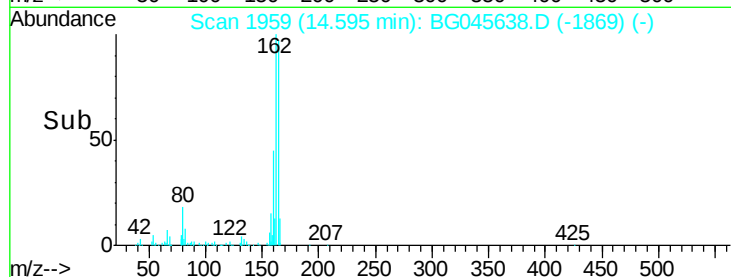
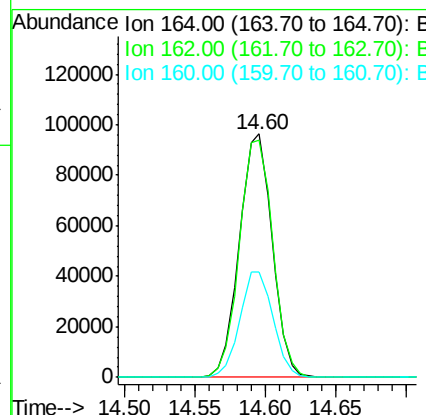
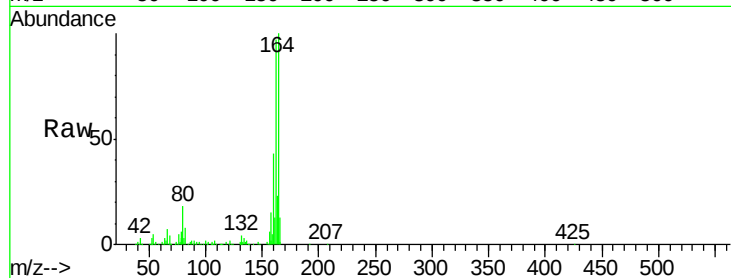
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.3	76.9	115.3
160	43.5	33.8	50.8

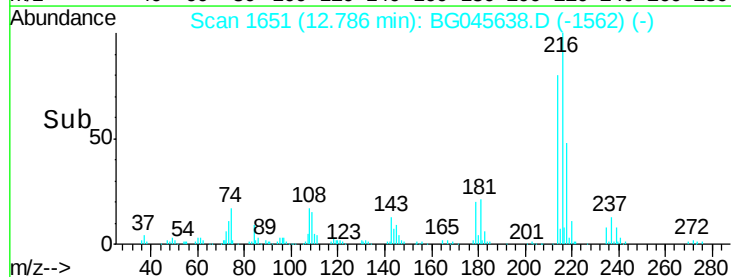
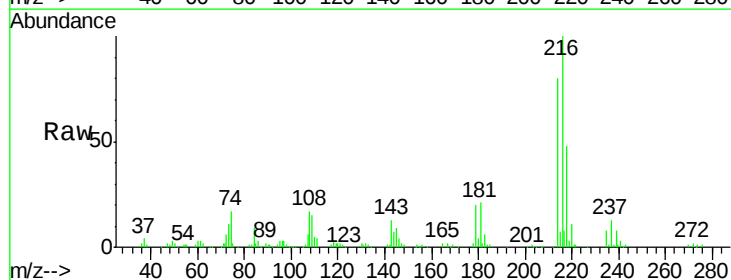
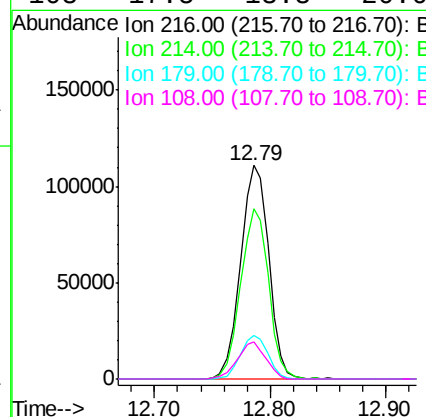
Manual Integrations
APPROVED

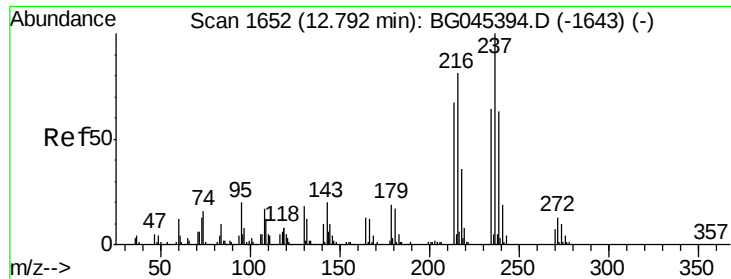
mohammad
6/9/2020 12:22:15 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.711 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.7	95.5
179	20.1	16.1	24.1
108	17.5	13.8	20.6





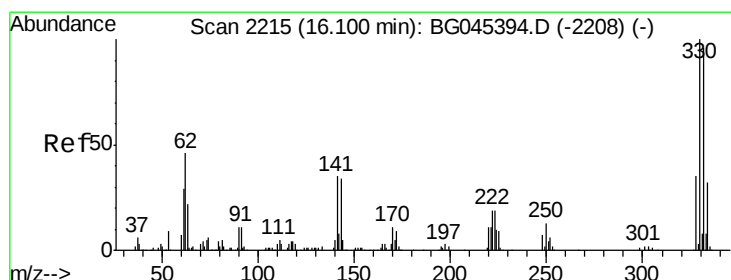
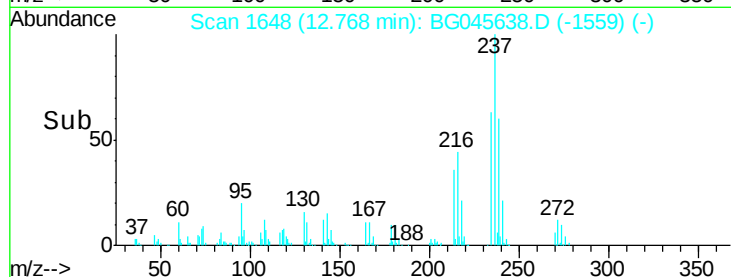
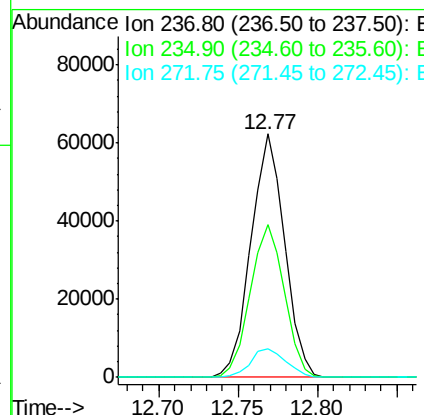
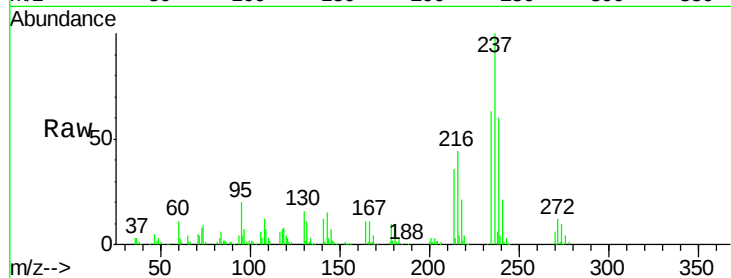
#41
Hexachlorocyclopentadiene
Concen: 36.470 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.4	84.4
272	11.8	0.0	32.5

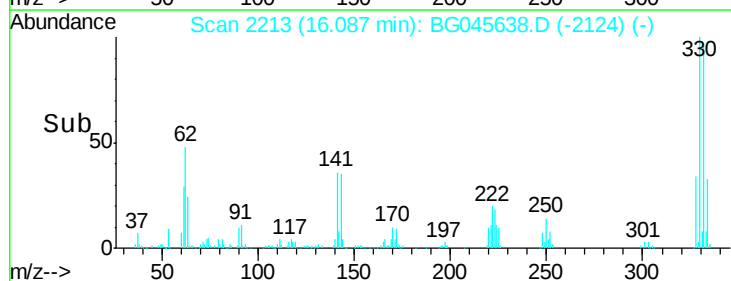
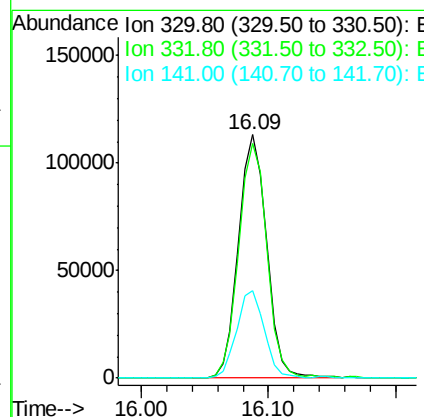
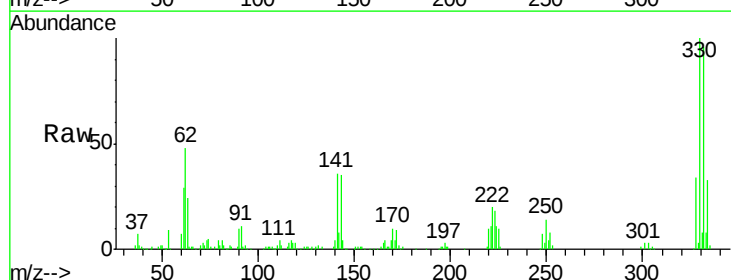
Manual Integrations
APPROVED

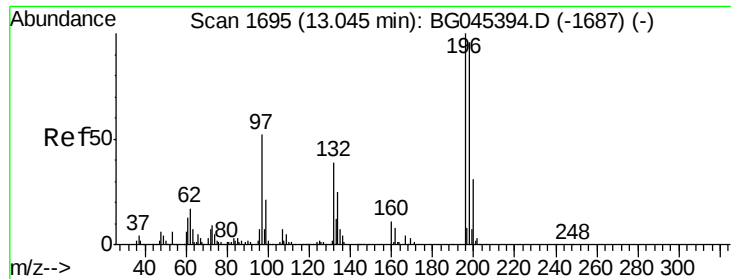
mohammad
6/9/2020 12:22:15 PM



#42
2,4,6-Tribromophenol
Concen: 86.593 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.4
141	35.2	28.2	42.4





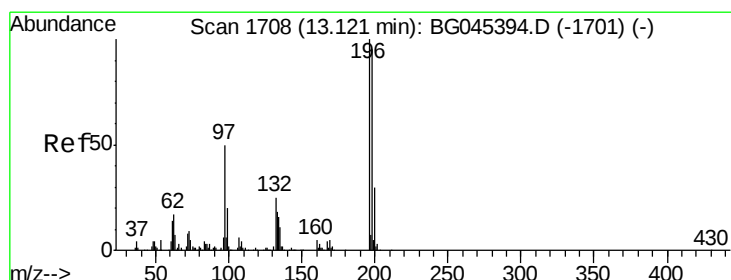
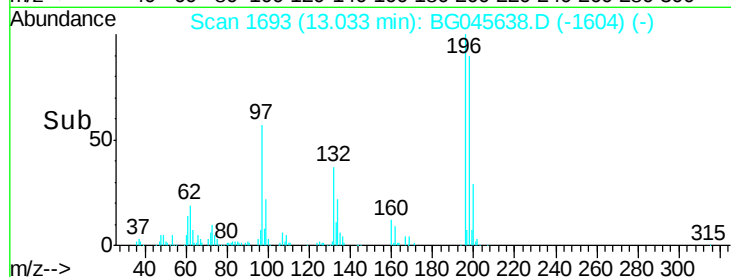
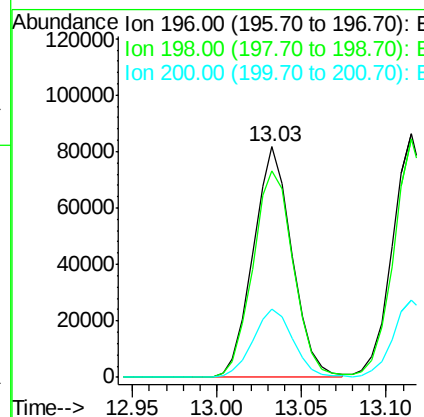
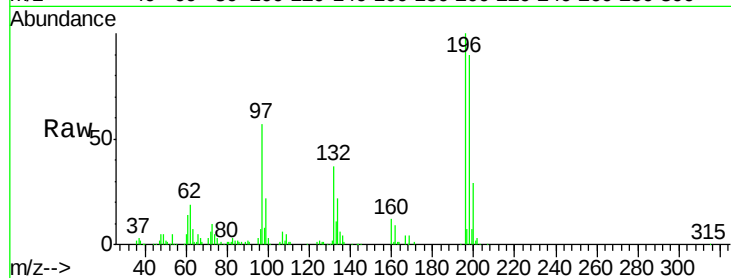
#43
2,4,6-Trichlorophenol
Concen: 42.934 ng
RT: 13.03 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	130564		
198	89.7	76.7	115.1	
200	29.5	24.9	37.3	

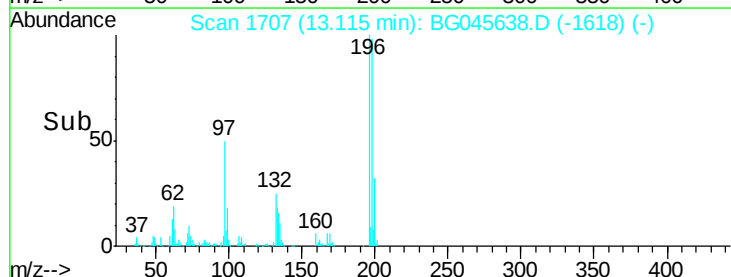
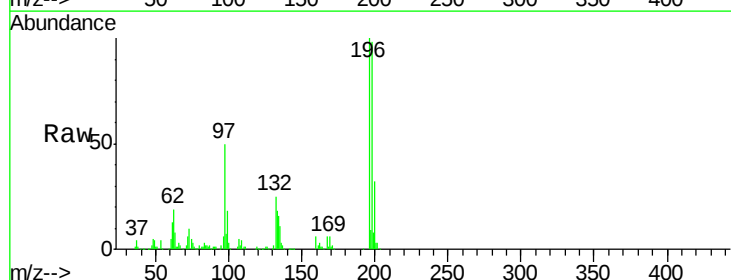
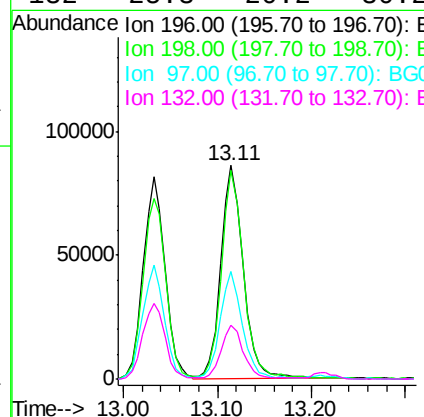
Manual Integrations
APPROVED

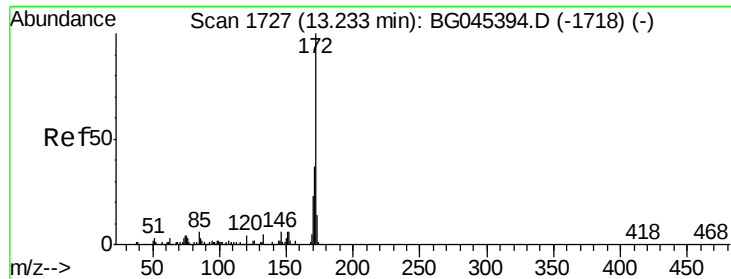
mohammad
6/9/2020 12:22:15 PM



#44
2,4,5-Trichlorophenol
Concen: 41.677 ng
RT: 13.11 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144833		
198	97.7	76.1	114.1	
97	50.3	40.0	60.0	
132	25.3	20.2	30.2	





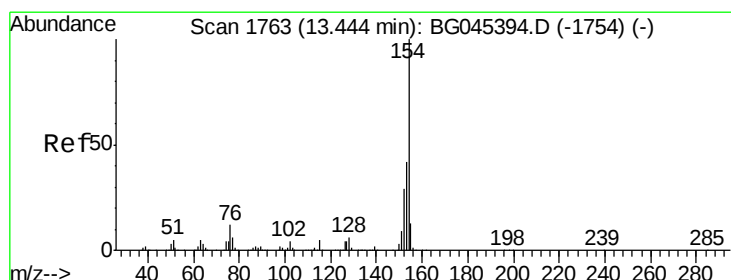
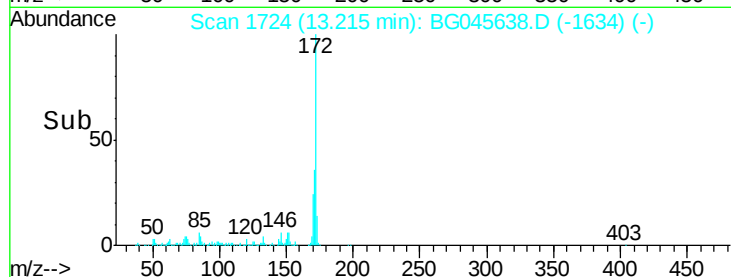
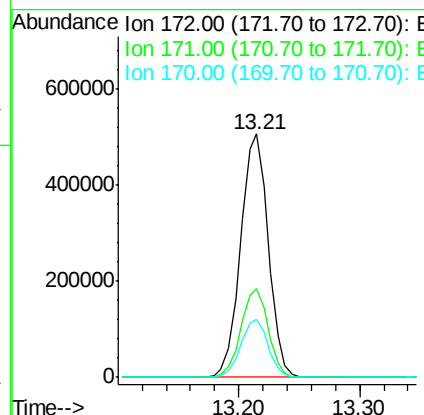
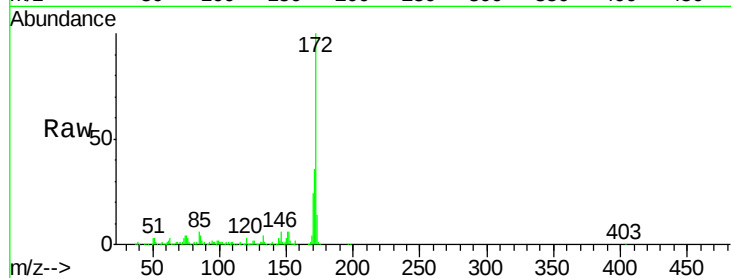
#45
2-Fluorobiphenyl
Concen: 87.679 ng
RT: 13.21 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	23.7	18.5	27.7

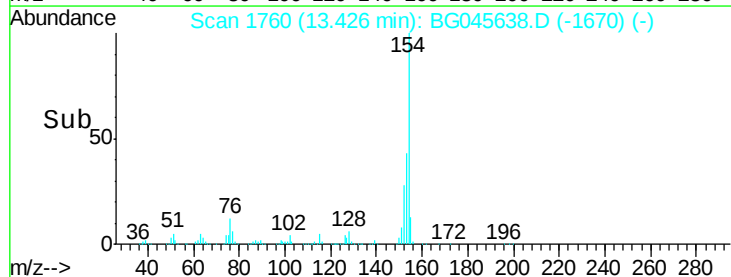
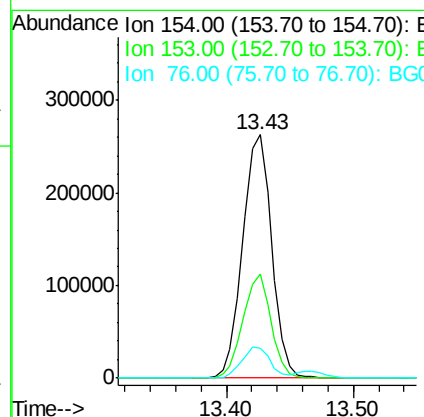
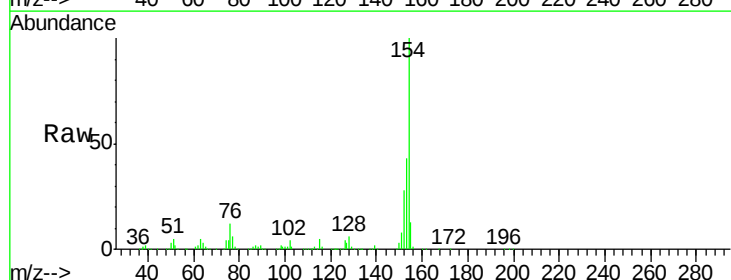
Manual Integrations
APPROVED

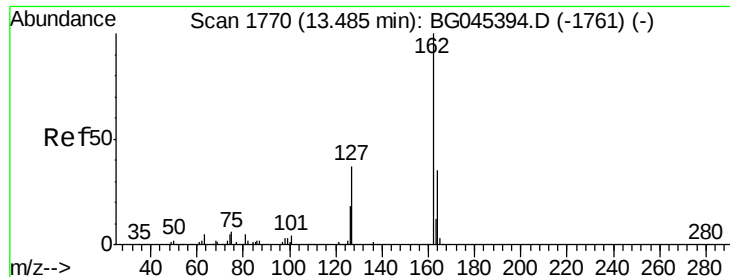
mohammad
6/9/2020 12:22:15 PM



#46
1,1'-Biphenyl
Concen: 43.230 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.2	62.2
76	12.2	0.0	32.4





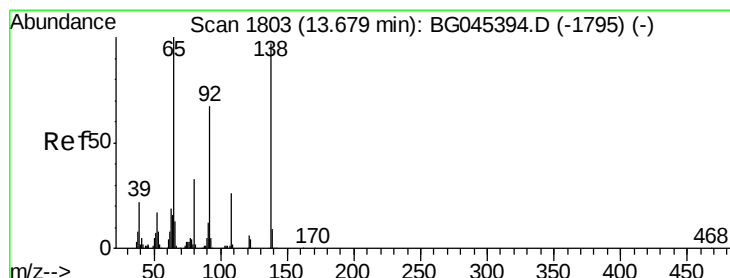
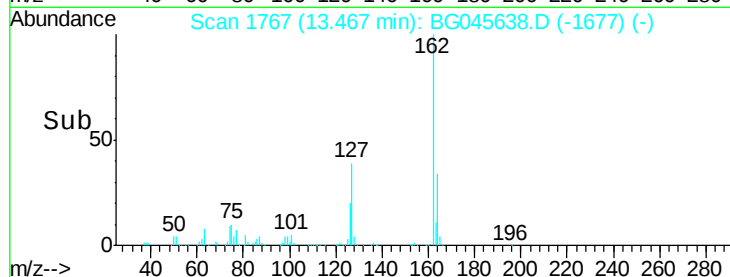
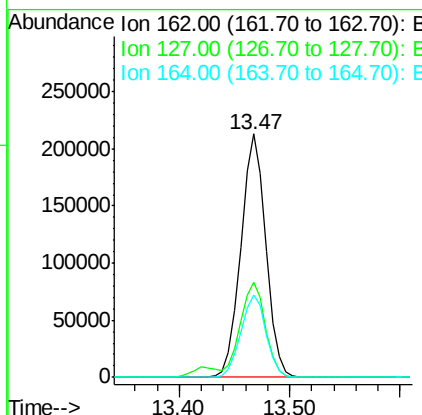
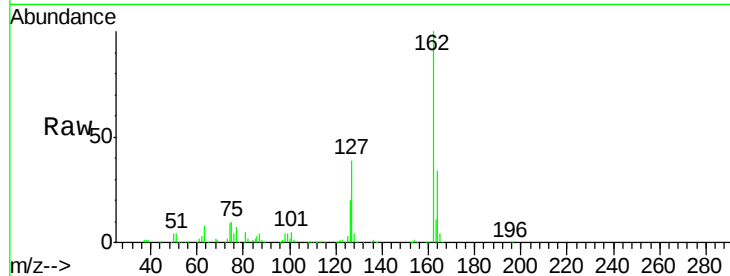
#47
2-Chloronaphthalene
Concen: 43.302 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	338638		
127	39.1		31.6	47.4
164	33.7		28.1	42.1

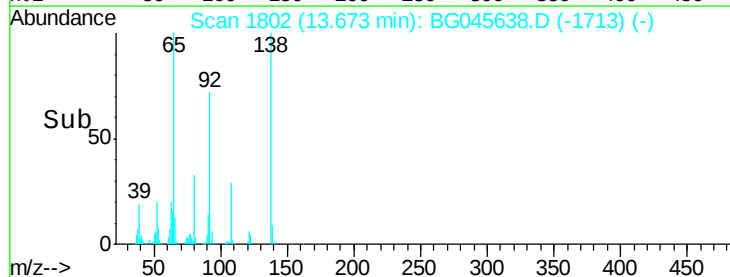
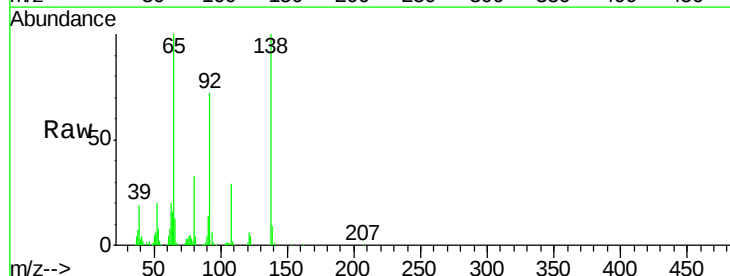
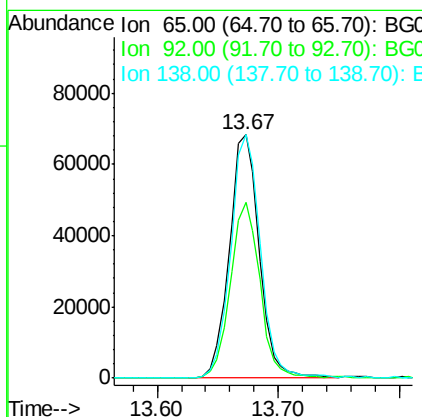
Manual Integrations
APPROVED

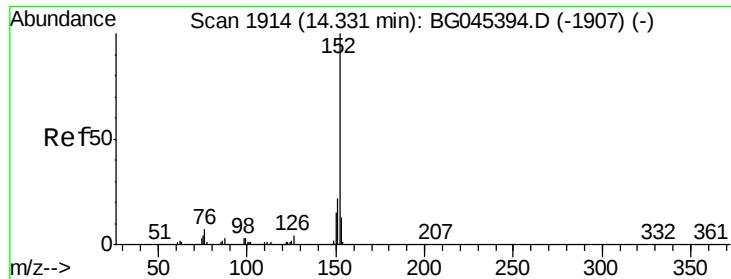
mohammad
6/9/2020 12:22:15 PM



#48
2-Nitroaniline
Concen: 45.844 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	117931		
92	72.1		53.8	80.8
138	99.9		77.9	116.9





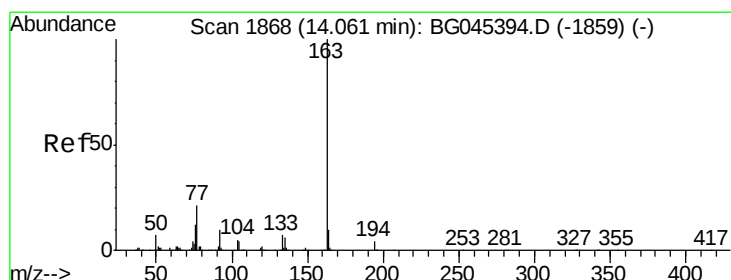
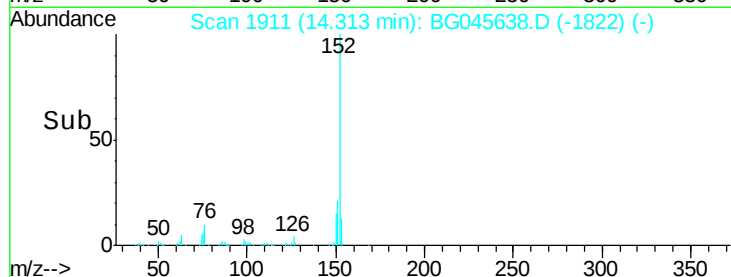
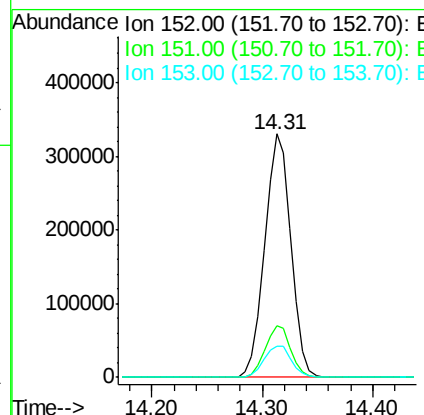
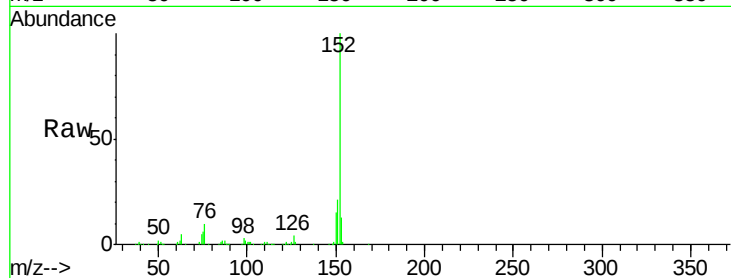
#49
Acenaphthylene
Concen: 43.584 ng
RT: 14.31 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.4	26.2
153	12.8	10.7	16.1

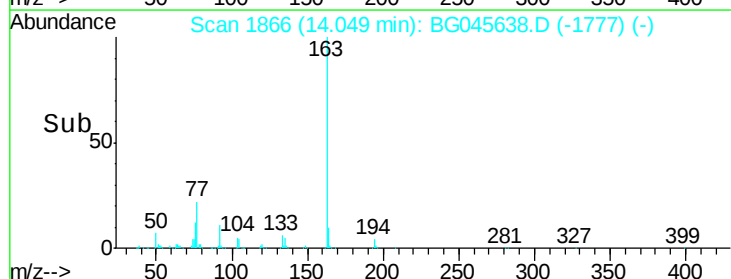
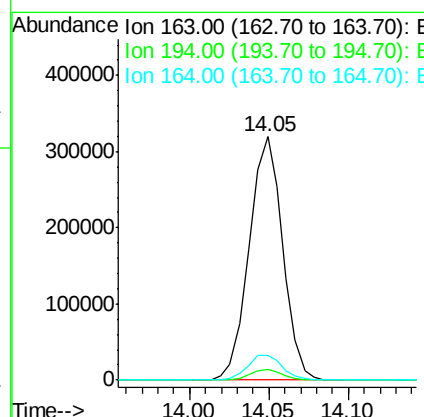
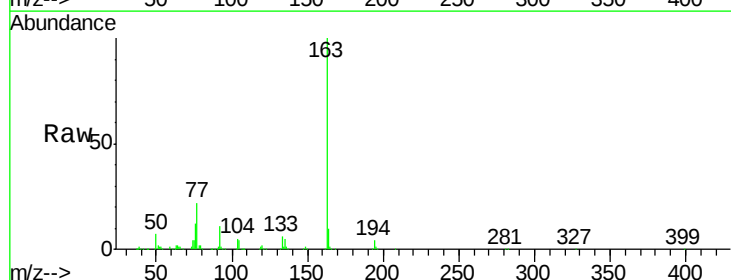
Manual Integrations
APPROVED

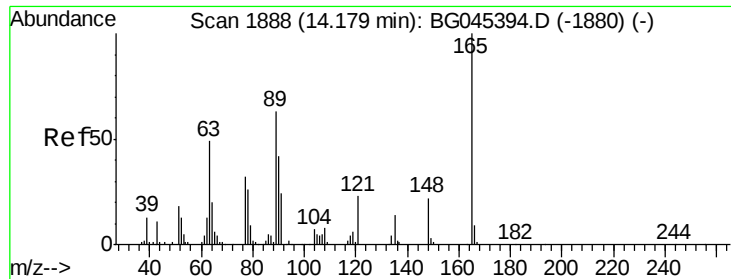
mohammad
6/9/2020 12:22:15 PM



#50
Dimethylphthalate
Concen: 43.544 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.4	8.3	12.5





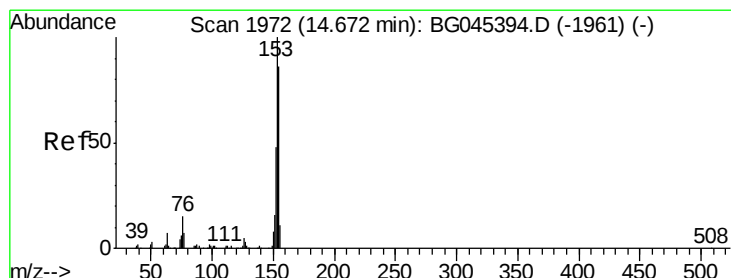
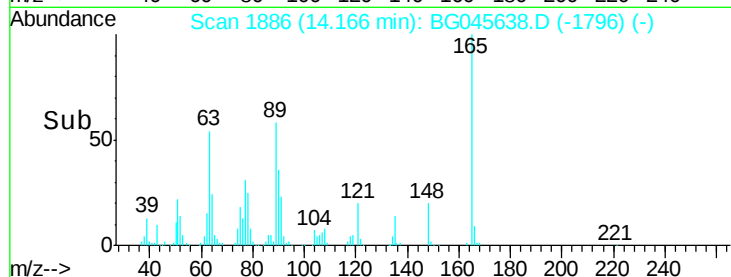
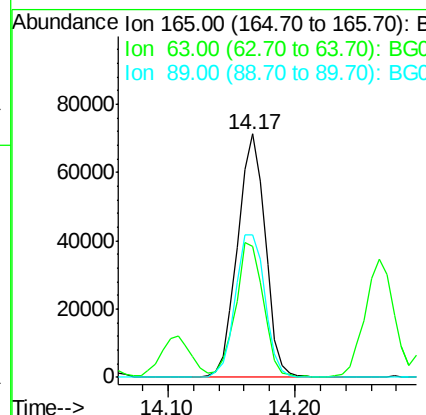
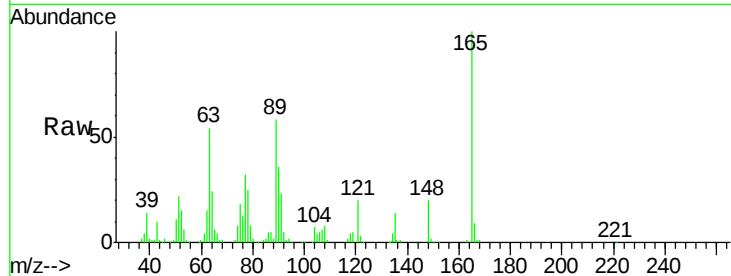
#51
2,6-Dinitrotoluene
Concen: 44.453 ng
RT: 14.17 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	107848		
63	54.1	45.0	67.4	
89	58.4	50.2	75.4	

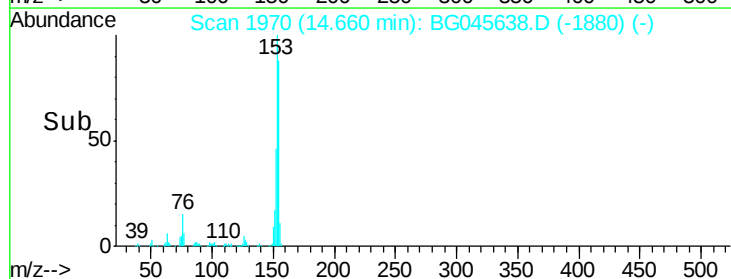
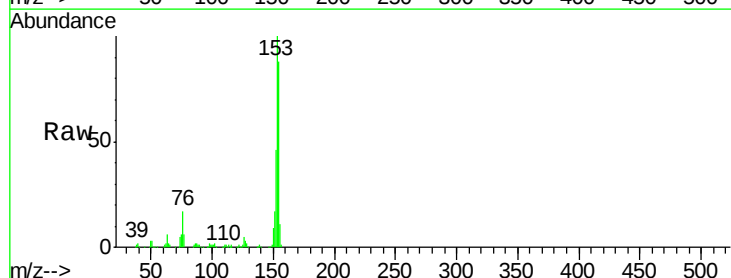
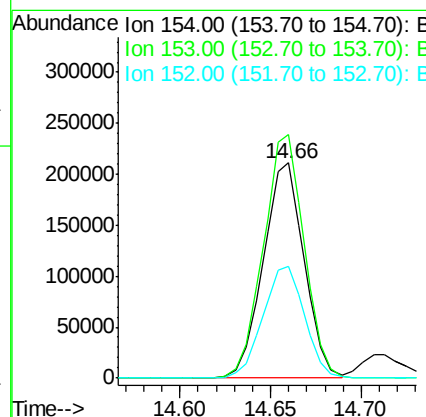
Manual Integrations
APPROVED

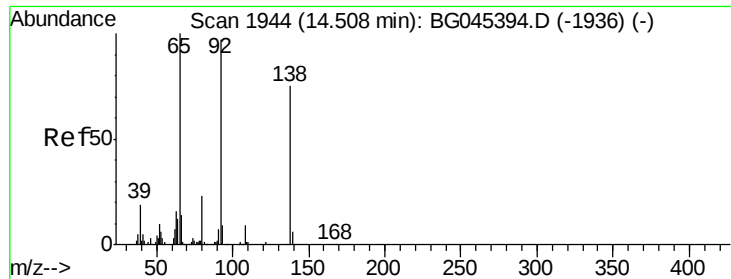
mohammad
6/9/2020 12:22:15 PM



#52
Acenaphthene
Concen: 39.545 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	332507		
153	113.3	92.8	139.2	
152	51.9	44.6	66.8	





#53

3-Nitroaniline

Concen: 43.595 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Instrument :

BNA_G

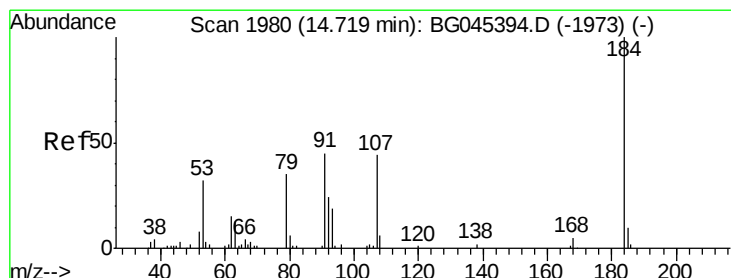
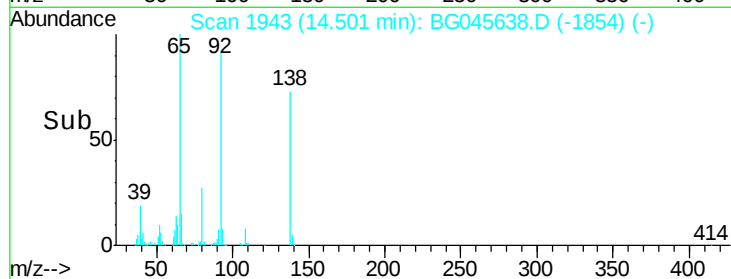
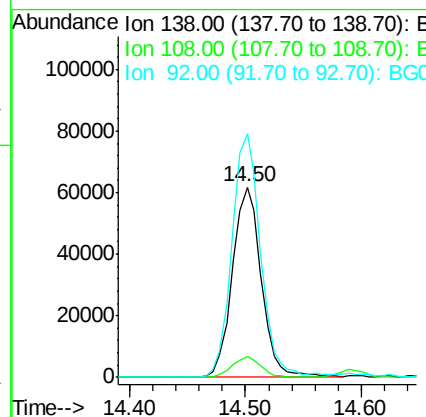
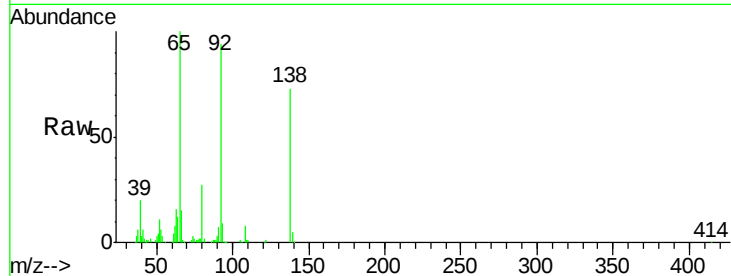
ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 107518
 Ion Ratio Lower Upper
 138 100
 108 11.2 9.8 14.6
 92 128.1 103.0 154.4

Manual Integrations
 APPROVED

mohammad
 6/9/2020 12:22:15 PM



#54

2,4-Dinitrophenol

Concen: 41.353 ng

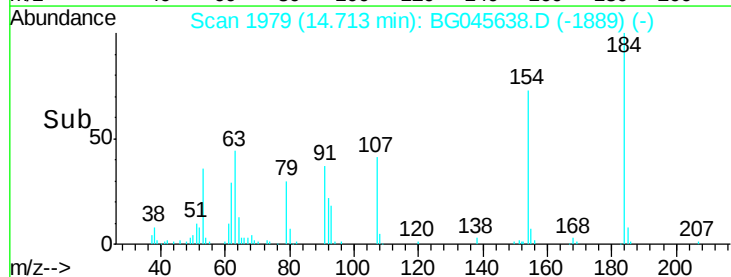
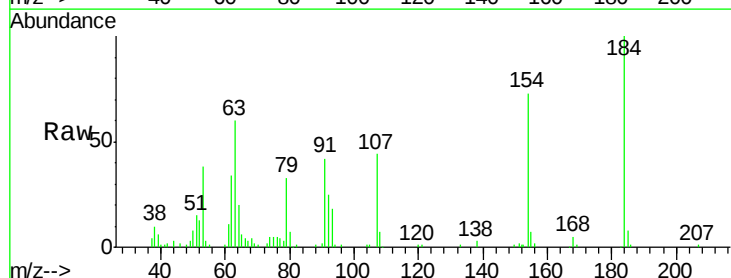
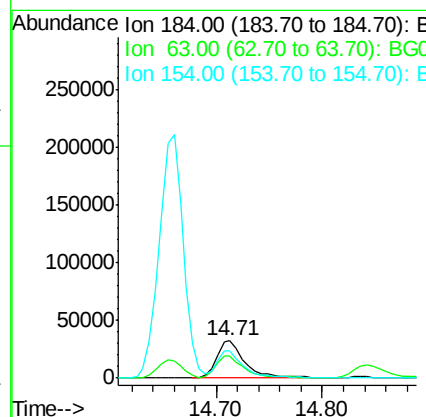
RT: 14.71 min Scan# 1979

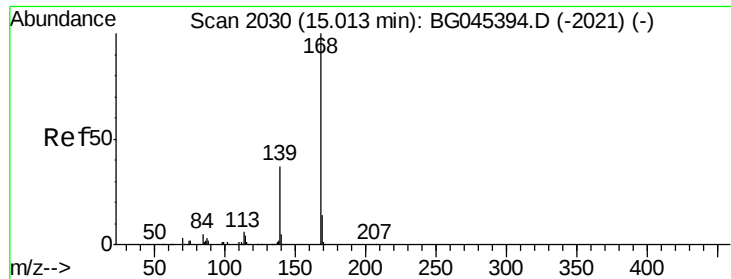
Delta R.T. -0.00 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Tgt Ion:184 Resp: 61223
 Ion Ratio Lower Upper
 184 100
 63 59.8 47.8 71.6
 154 73.3 58.3 87.5





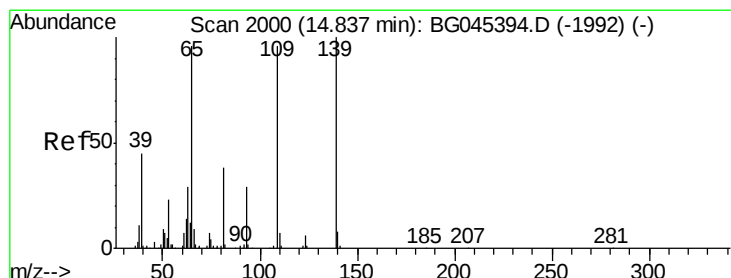
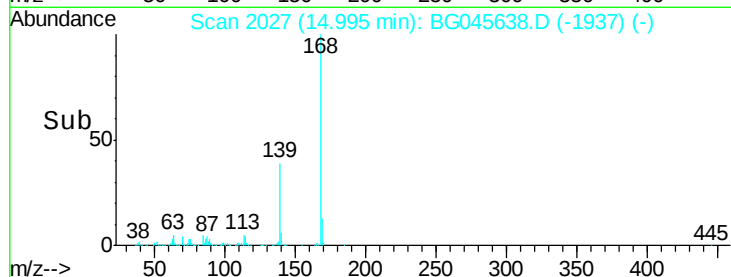
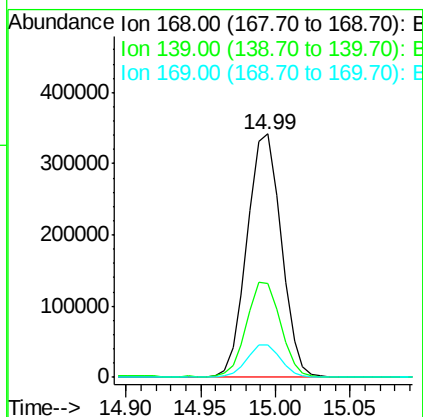
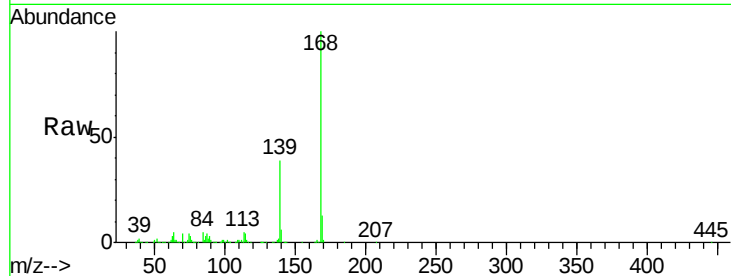
#55
Dibenzofuran
Concen: 43.509 ng
RT: 14.99 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	29.9	44.9
169	13.1	10.9	16.3

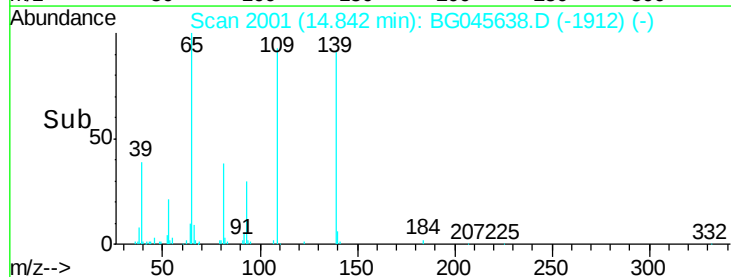
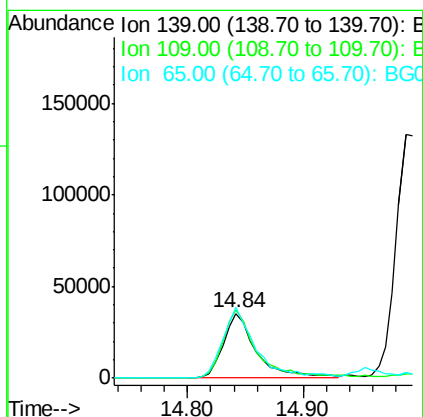
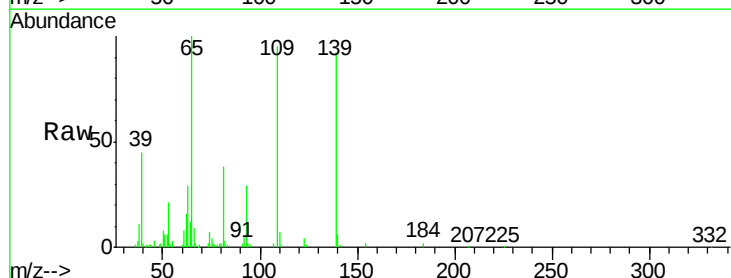
Manual Integrations
APPROVED

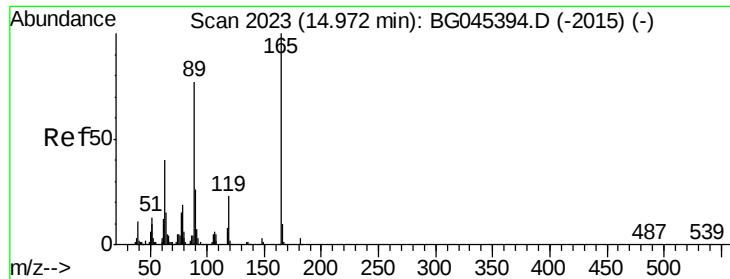
mohammad
6/9/2020 12:22:15 PM



#56
4-Nitrophenol
Concen: 37.308 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.2	75.6	115.6
65	109.2	76.8	116.8





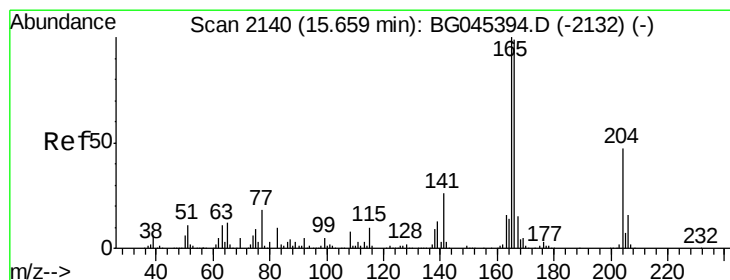
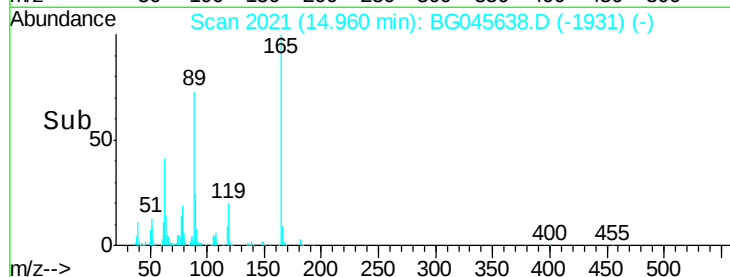
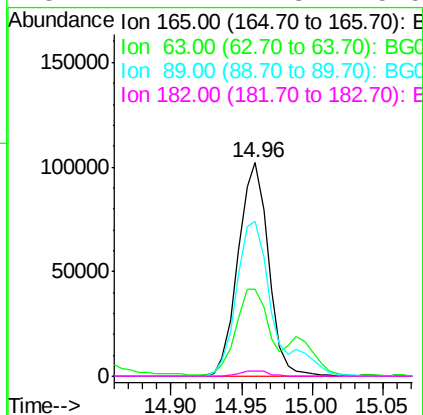
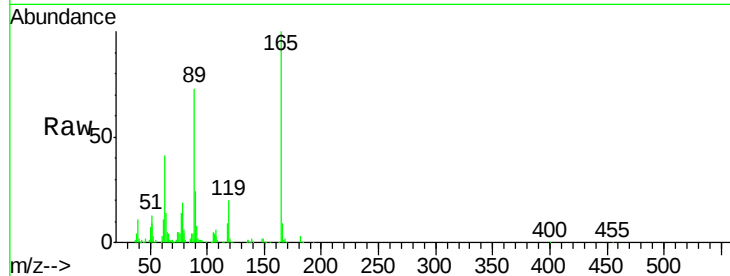
#57
2,4-Dinitrotoluene
Concen: 43.735 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	165	Resp:	153669
Ion Ratio	Lower	Upper	
165	100		
63	40.6	32.5	48.7
89	72.7	61.8	92.6
182	2.7	2.3	3.5

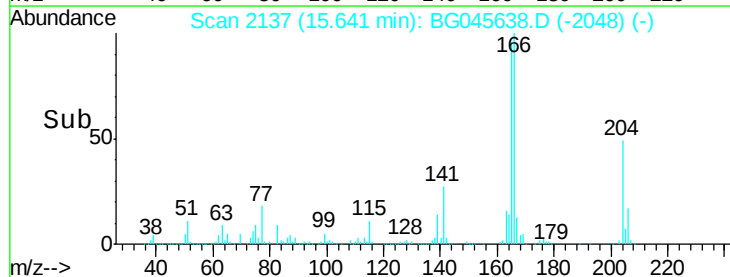
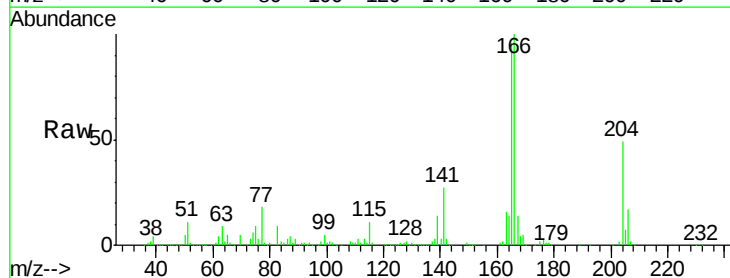
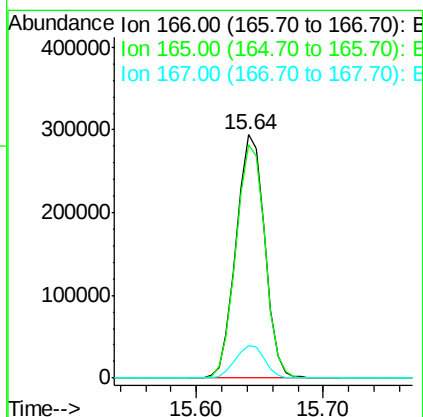
Manual Integrations
APPROVED

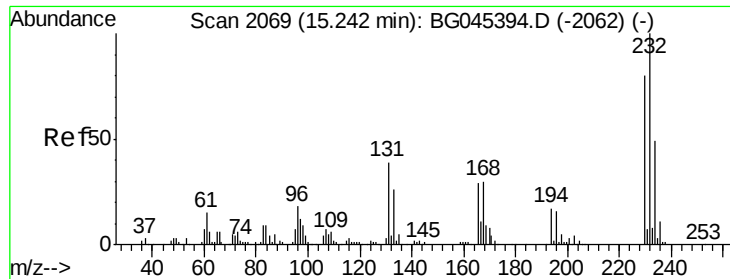
mohammad
6/9/2020 12:22:15 PM



#58
Fluorene
Concen: 44.705 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion:	166	Resp:	458602
Ion Ratio	Lower	Upper	
166	100		
165	95.7	80.8	121.2
167	13.5	12.0	18.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.838 ng

RT: 15.23 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 127913

Ion Ratio Lower Upper

232 100

131 40.4 33.7 50.5

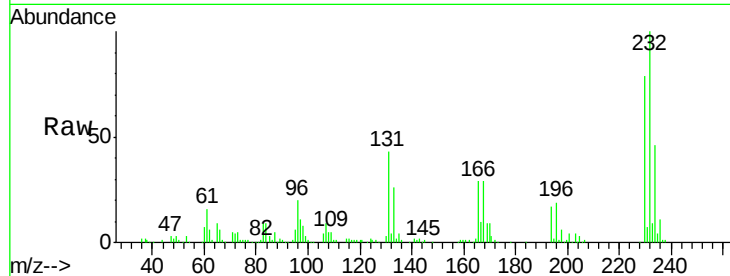
130 2.5 2.1 3.1

166 29.8 23.2 34.8

Manual Integrations
APPROVED

mohammad

6/9/2020 12:22:15 PM

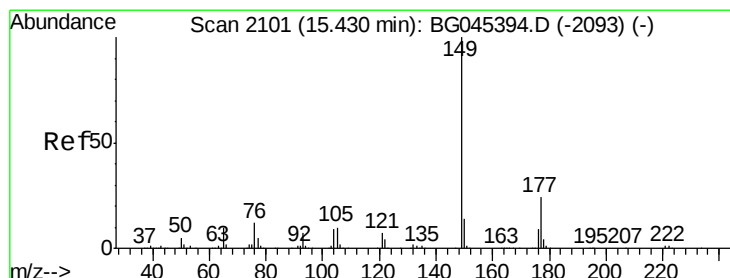
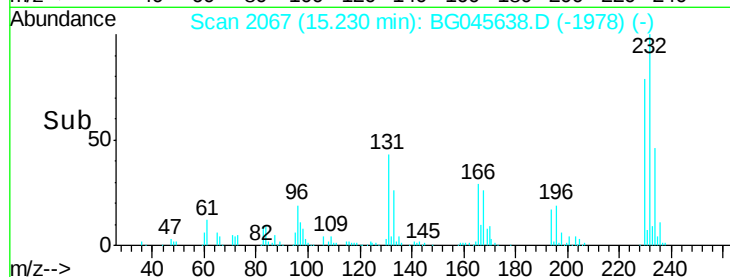
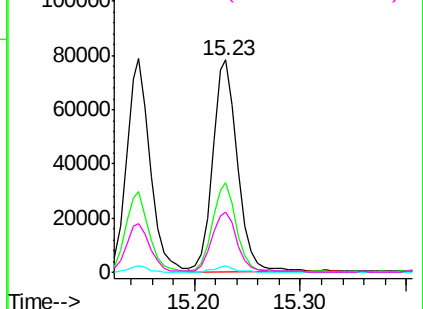


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 44.088 ng

RT: 15.41 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Tgt Ion:149 Resp: 493375

Ion Ratio Lower Upper

149 100

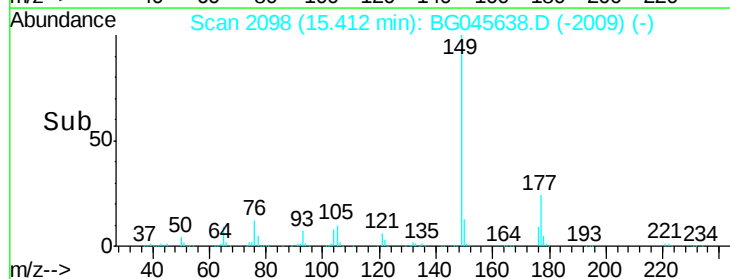
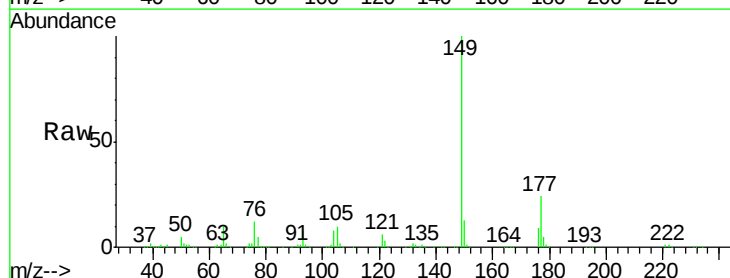
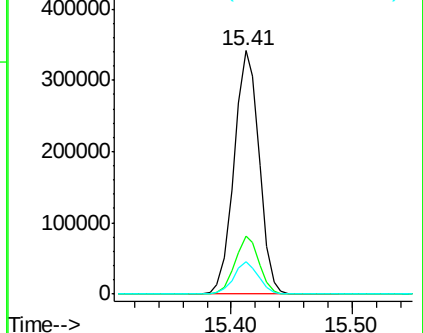
177 23.7 19.0 28.4

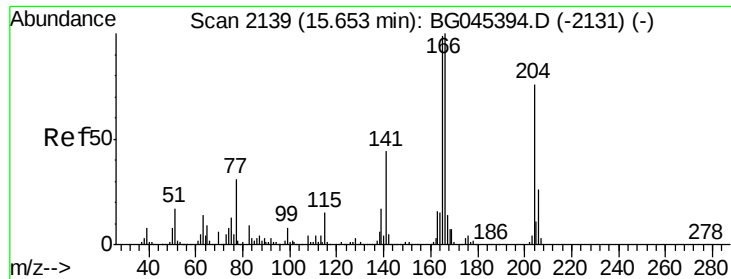
150 13.5 11.4 17.0

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





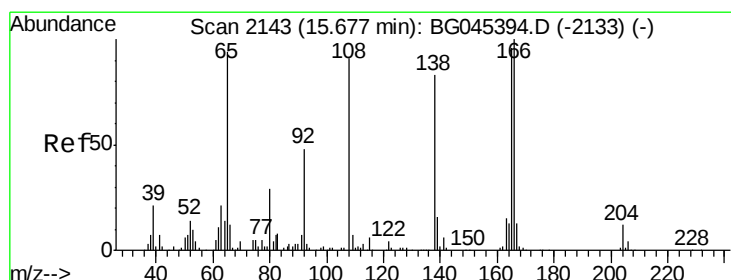
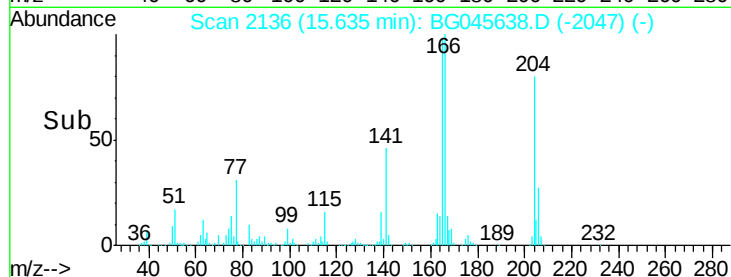
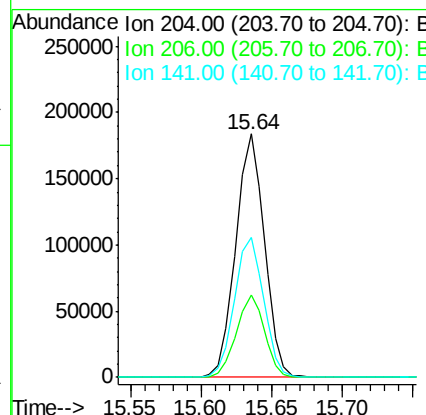
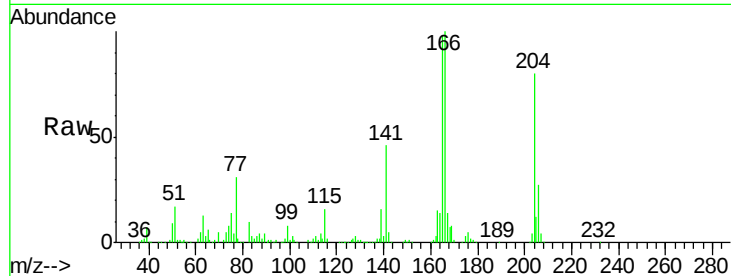
#61
 4-Chlorophenyl-phenylether
 Concen: 44.436 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	260846		
206	33.9		27.3	40.9
141	57.6		45.9	68.9

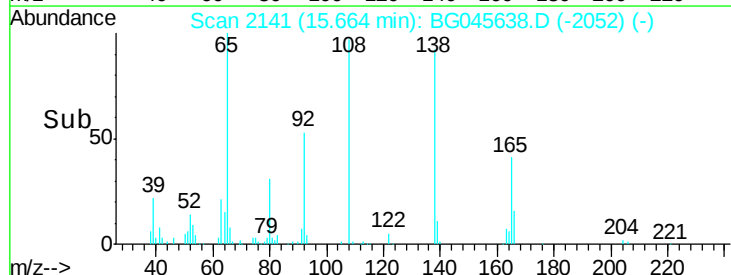
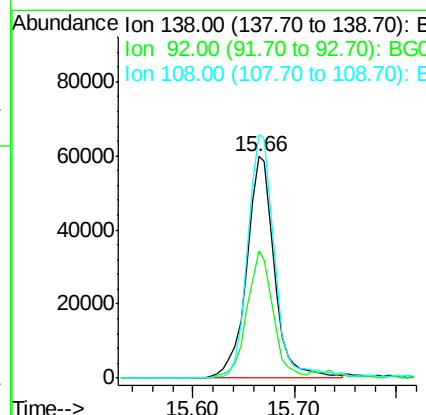
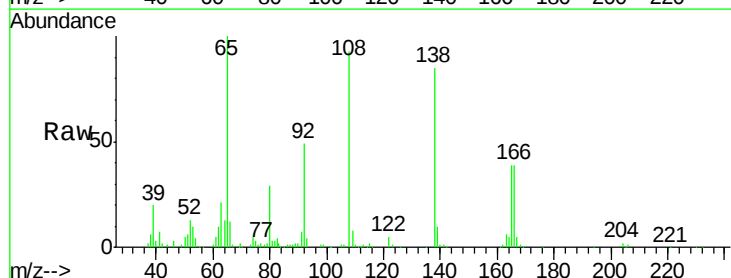
Manual Integrations
 APPROVED

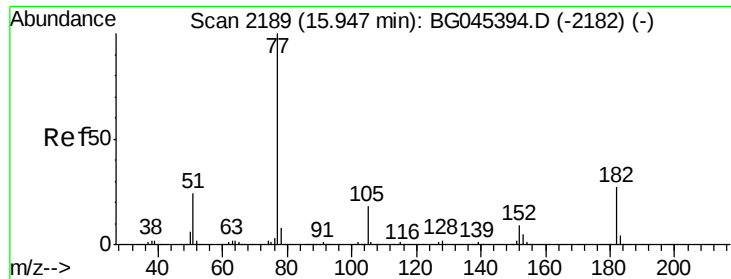
mohammad
 6/9/2020 12:22:15 PM



#62
 4-Nitroaniline
 Concen: 44.271 ng
 RT: 15.66 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	113985		
92	57.3		38.0	78.0
108	110.0		89.3	129.3





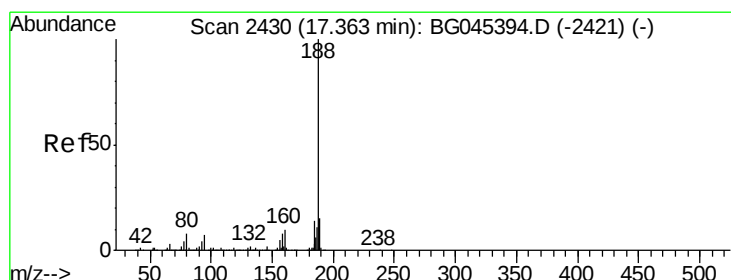
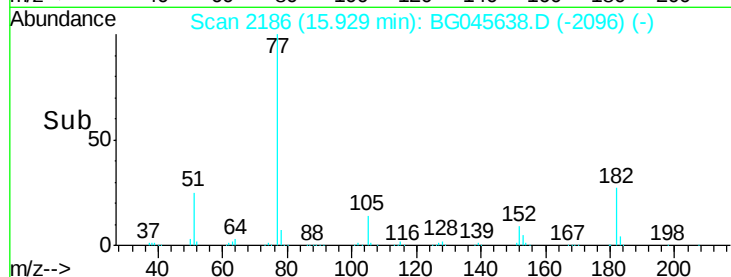
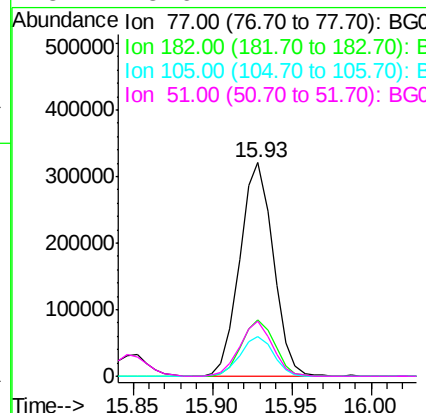
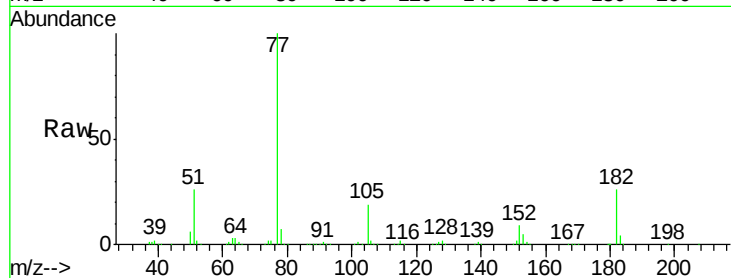
#63
Azobenzene
Concen: 45.044 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.5	6.5	46.5	
105	18.6	0.0	37.9	
51	25.6	4.1	44.1	

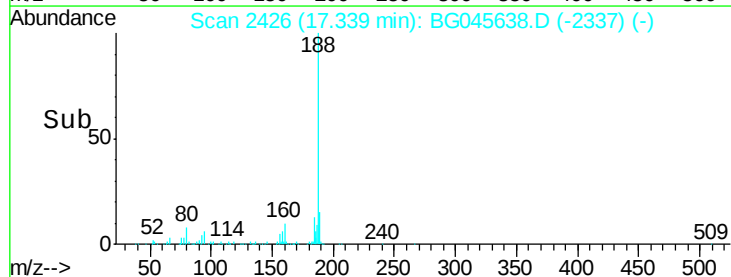
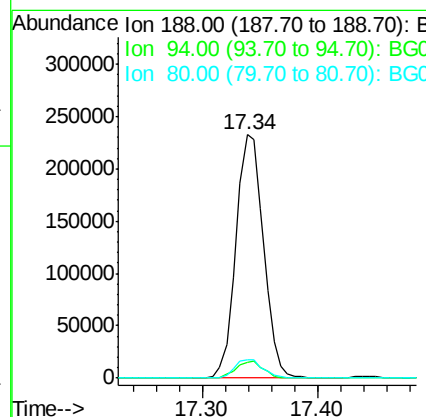
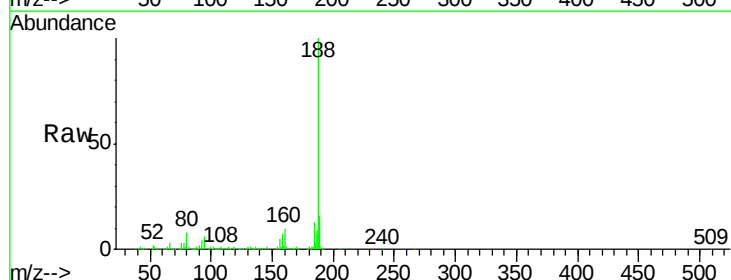
Manual Integrations
APPROVED

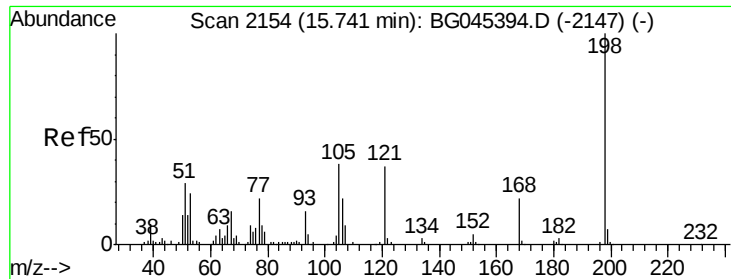
mohammad
6/9/2020 12:22:15 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.3	5.5	8.3	
80	7.8	6.6	10.0	





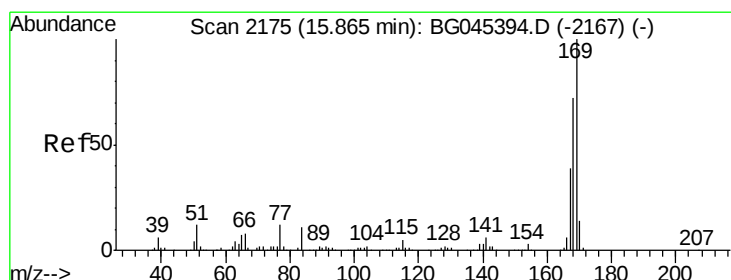
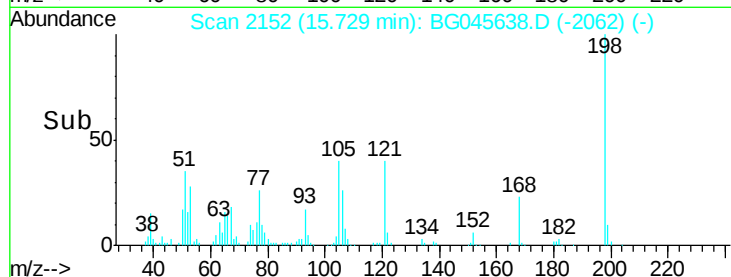
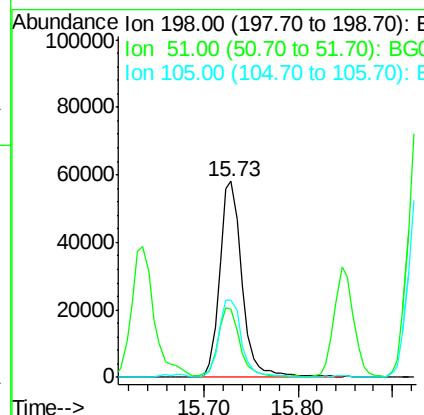
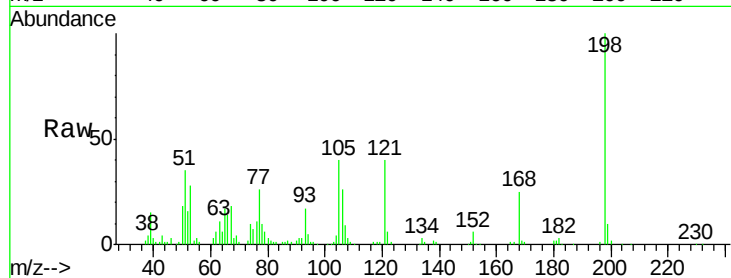
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.266 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	96643		
51	34.9	10.0	50.0	
105	39.7	18.9	58.9	

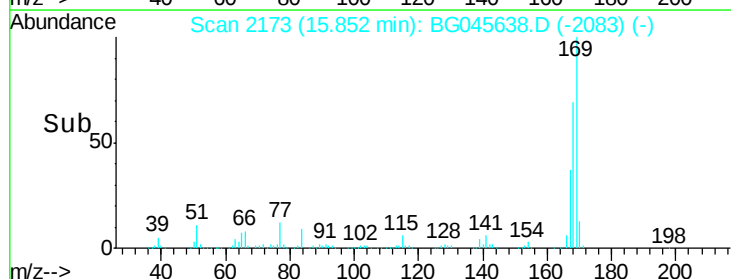
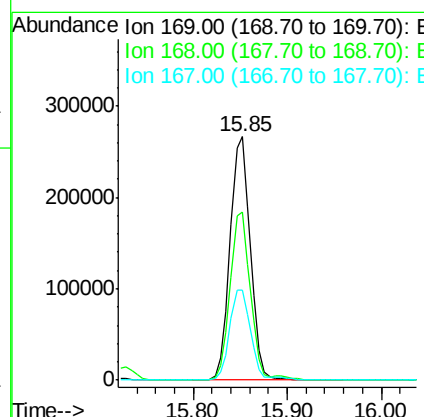
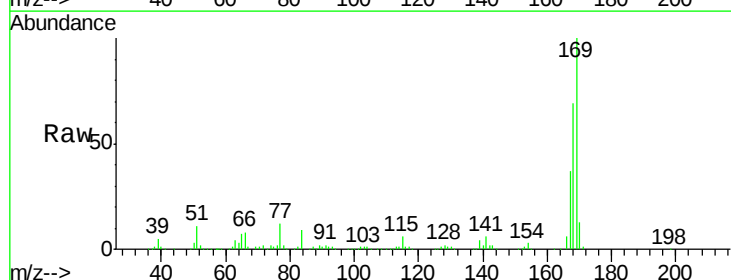
Manual Integrations
 APPROVED

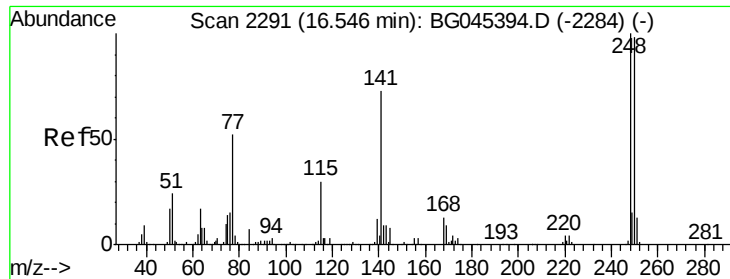
mohammad
 6/9/2020 12:22:15 PM



#66
 n-Nitrosodiphenylamine
 Concen: 43.414 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	399783		
168	68.9	57.8	86.6	
167	36.7	31.5	47.3	





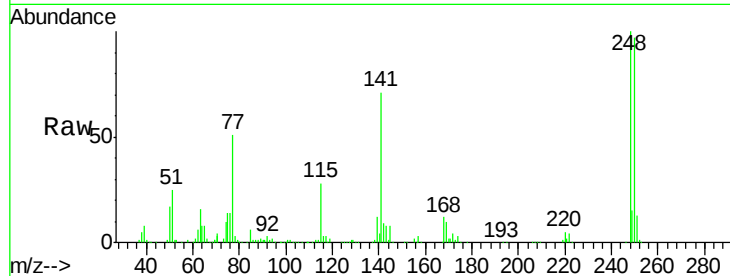
#67
4-Bromophenyl-phenylether
Concen: 44.082 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

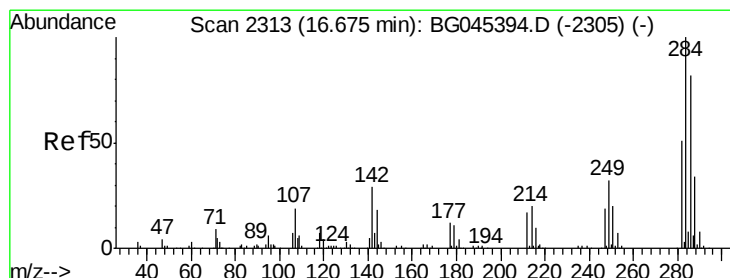
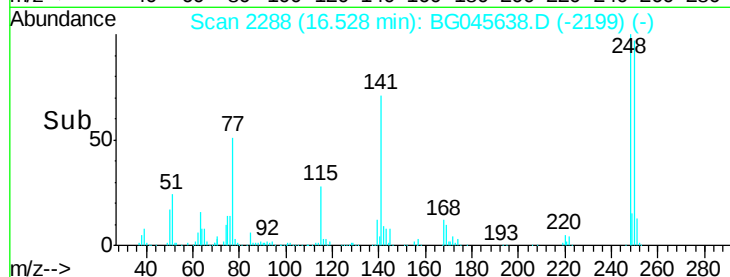
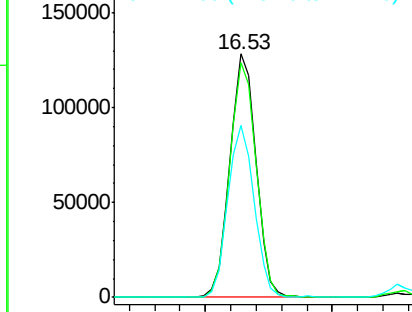
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.6	117.8
141	70.6	58.2	87.2

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM



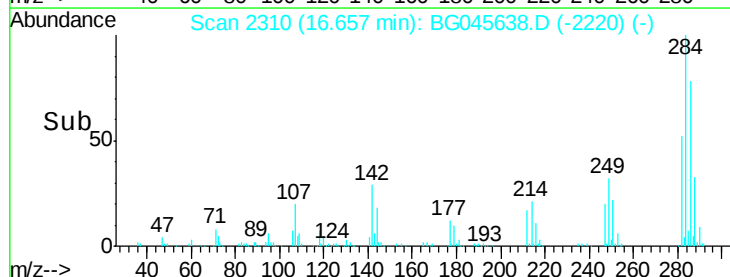
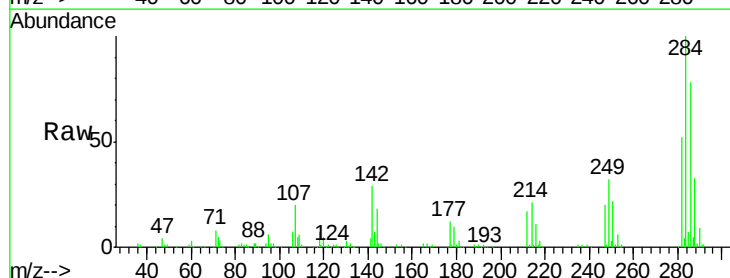
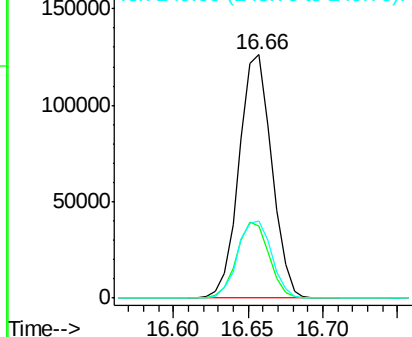
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

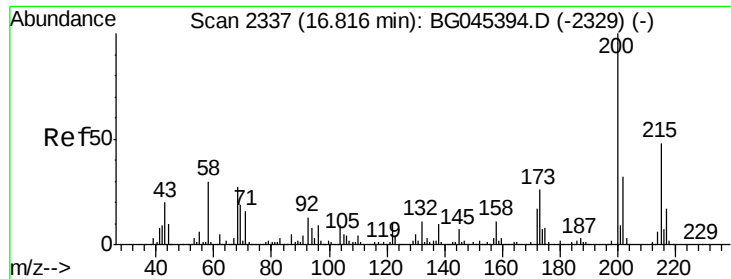


#68
Hexachlorobenzene
Concen: 44.116 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	23.0	34.6
249	31.7	25.8	38.6

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





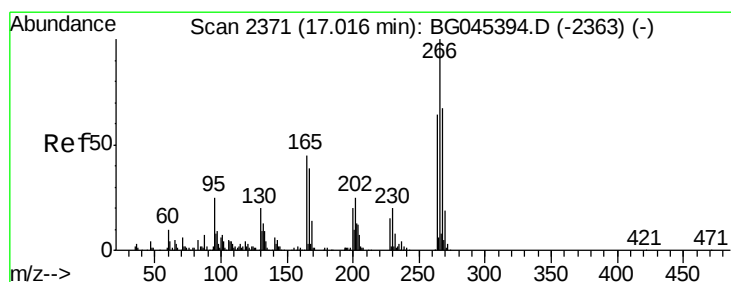
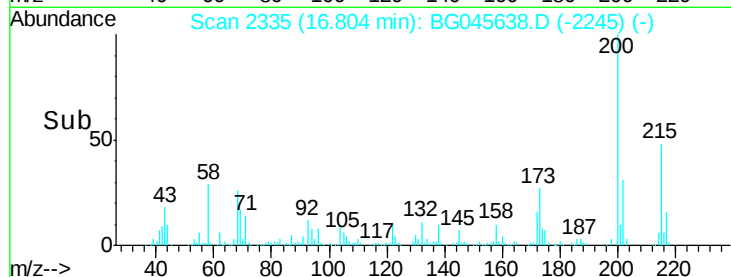
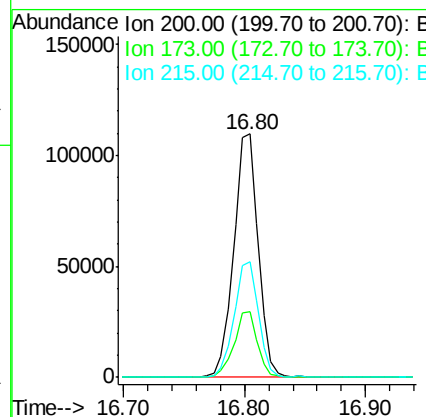
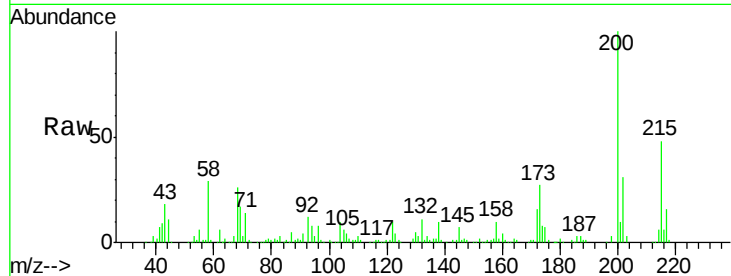
#69
 Atrazine
 Concen: 40.810 ng
 RT: 16.80 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	154789		
173	26.7	5.5	45.5	
215	47.7	28.2	68.2	

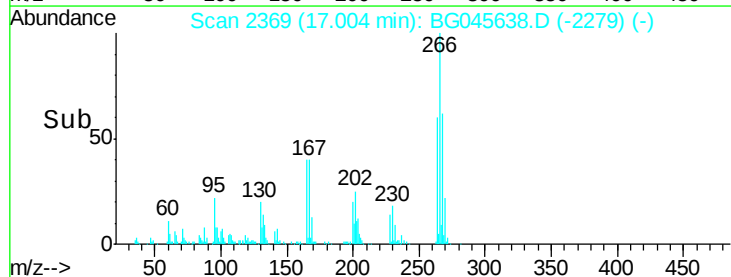
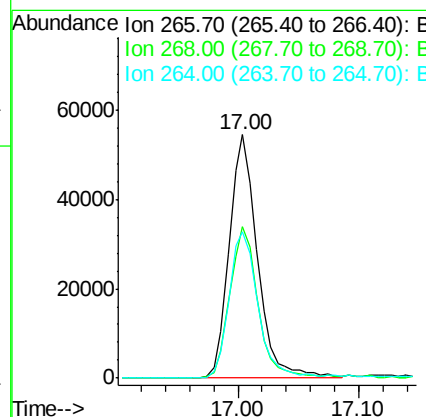
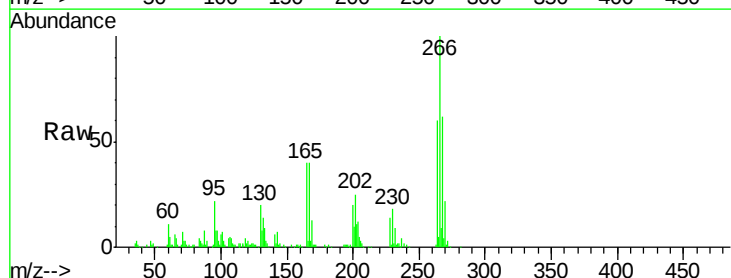
Manual Integrations
 APPROVED

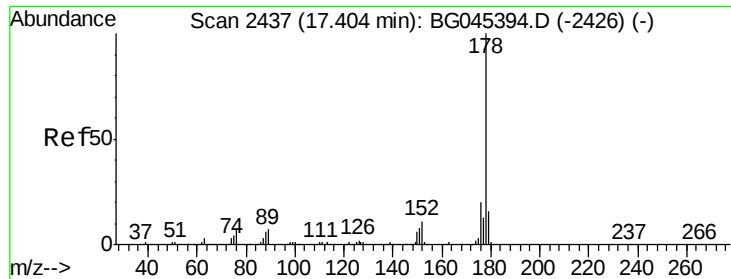
mohammad
 6/9/2020 12:22:15 PM



#70
 Pentachlorophenol
 Concen: 39.168 ng
 RT: 17.00 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	88341		
268	62.4	53.2	79.8	
264	59.9	51.0	76.4	





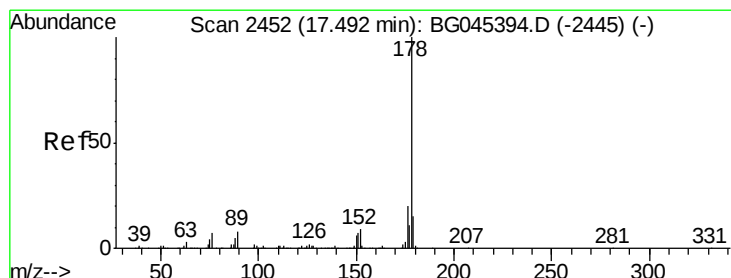
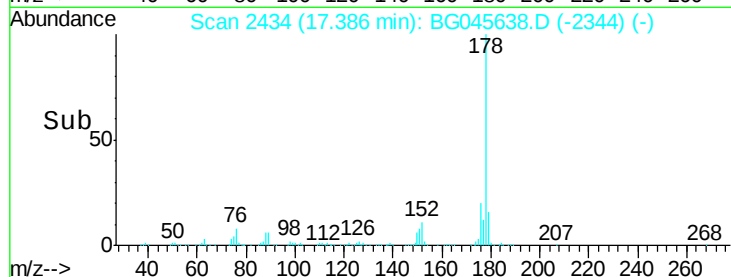
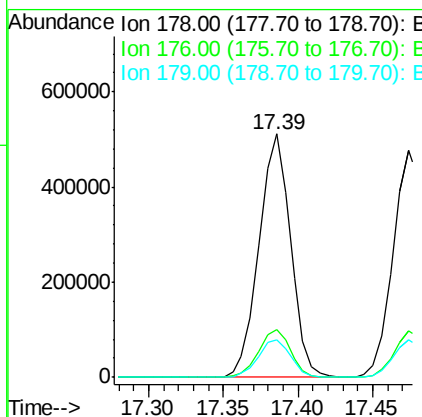
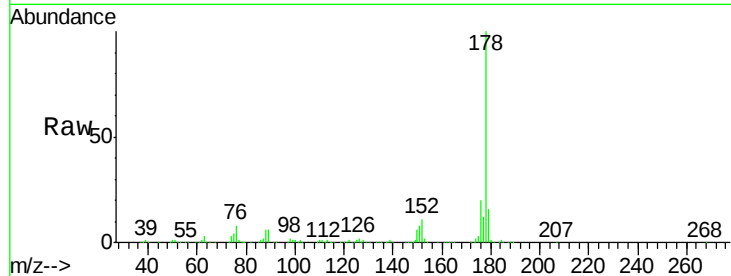
#71
Phenanthrene
Concen: 44.677 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.6	13.1	19.7

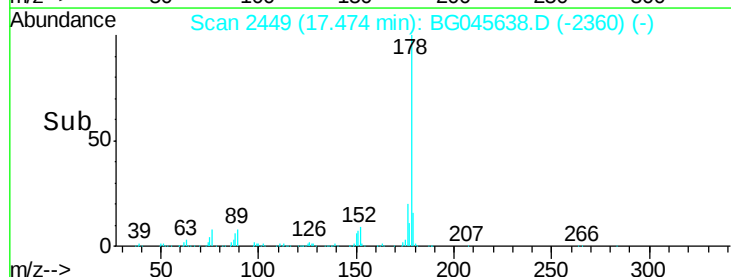
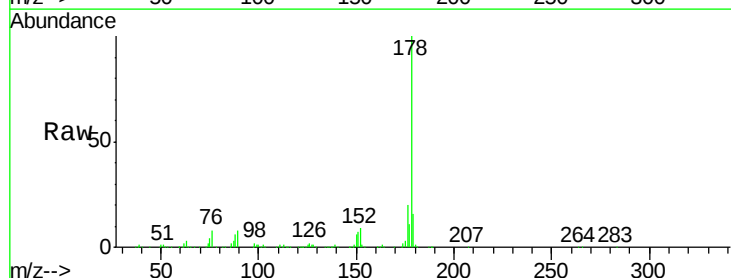
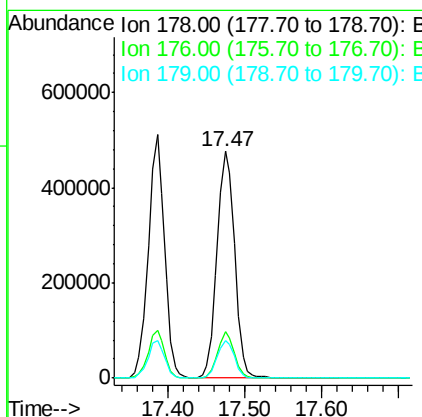
Manual Integrations
APPROVED

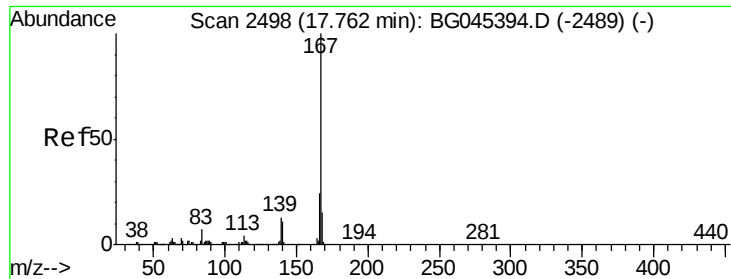
mohammad
6/9/2020 12:22:15 PM



#72
Anthracene
Concen: 44.619 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	16.4	12.2	18.4





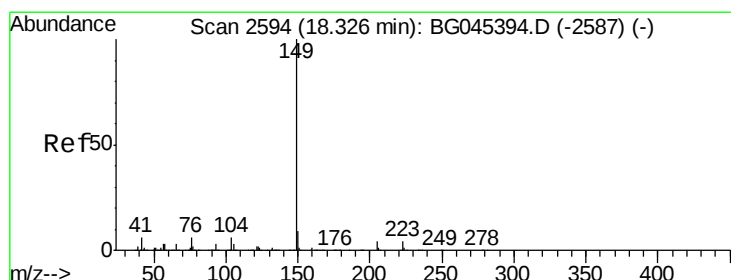
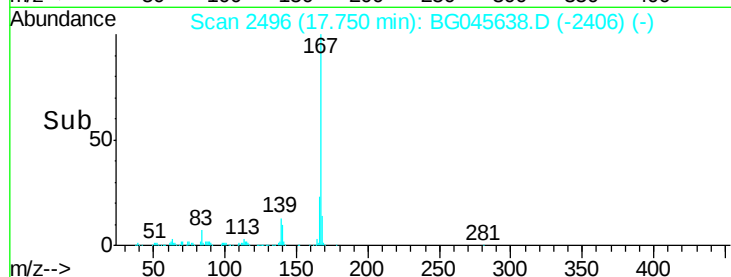
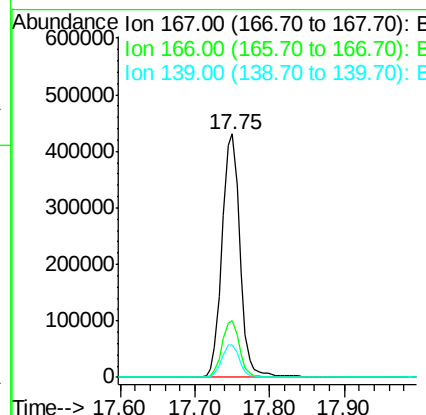
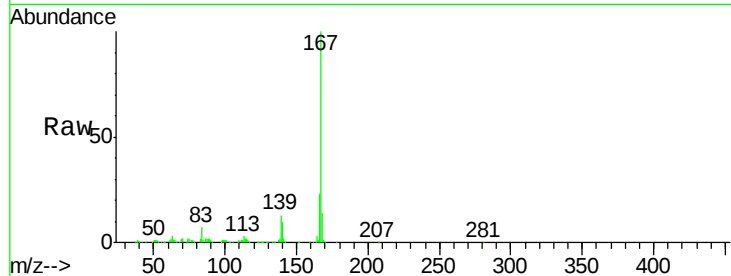
#73
 Carbazole
 Concen: 44.107 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.2	28.8
139	13.4	10.6	16.0

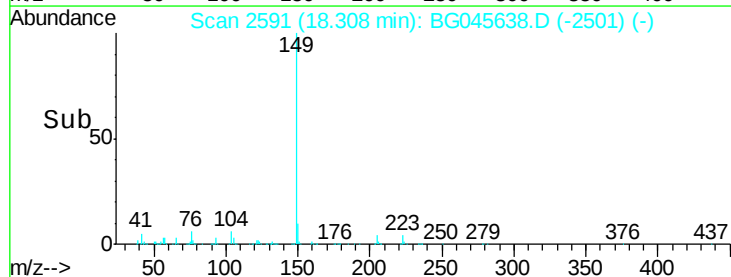
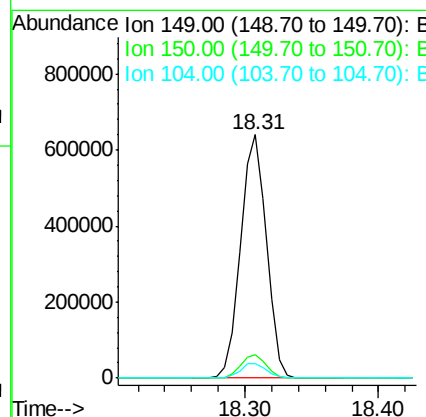
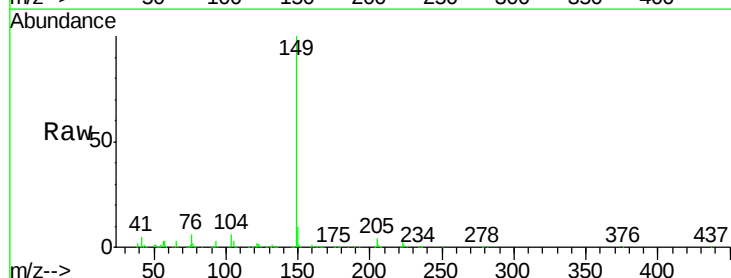
Manual Integrations
 APPROVED

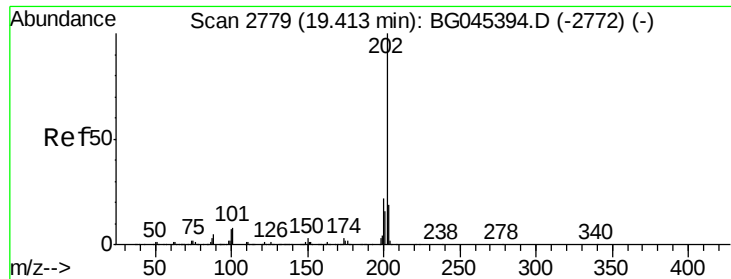
mohammad
 6/9/2020 12:22:15 PM



#74
 Di-n-butylphthalate
 Concen: 43.585 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.1	5.0	7.4





#75

Fluoranthene

Concen: 43.717 ng

RT: 19.39 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Instrument :

BNA_G

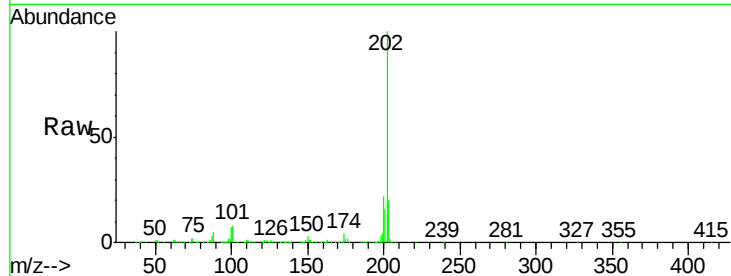
ClientSampleId :

SSTDCCC040

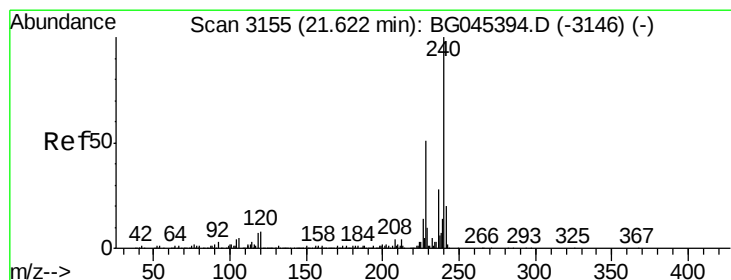
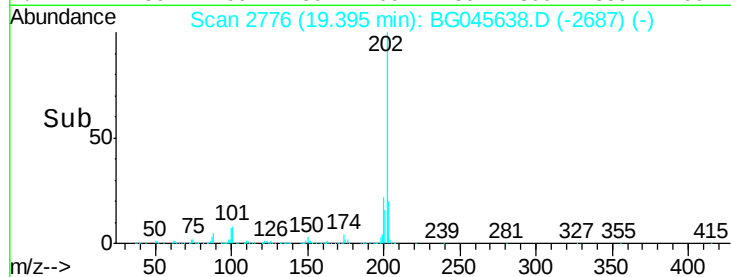
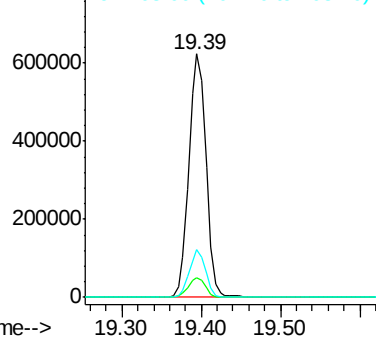
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		931022		
101	8.1	0.0	28.3		
203	19.5	0.0	39.0		

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

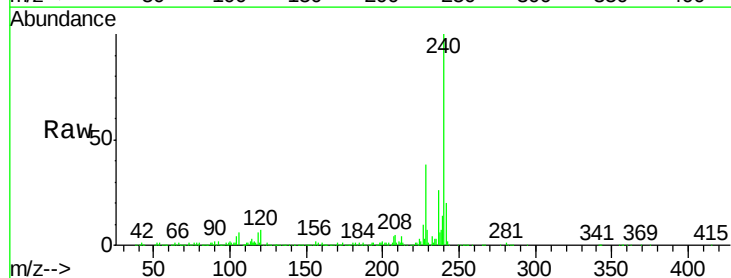
RT: 21.60 min Scan# 3152

Delta R.T. -0.00 min

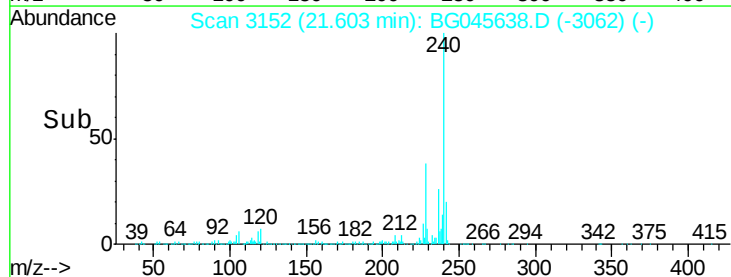
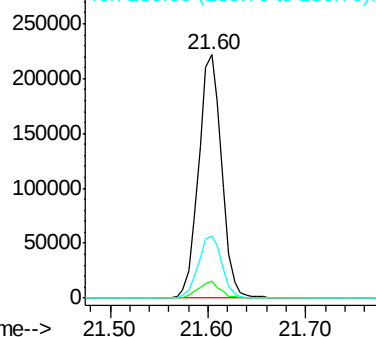
Lab File: BG045638.D

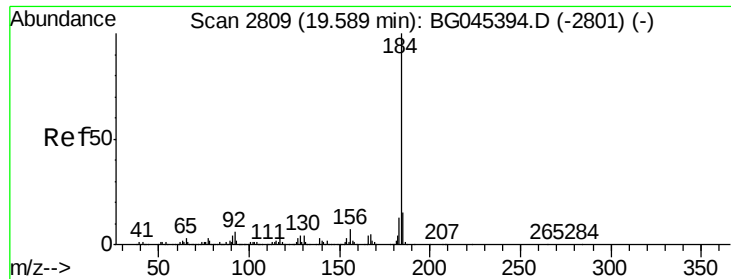
Acq: 8 Jun 2020 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		362675		
120	7.1	6.1	9.1		
236	25.5	22.3	33.5		



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





#77

Benzidine

Concen: 35.979 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Instrument :

BNA_G

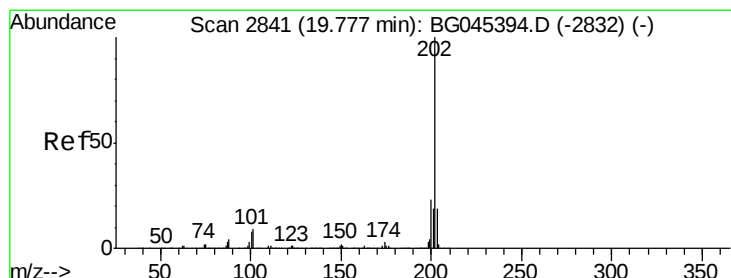
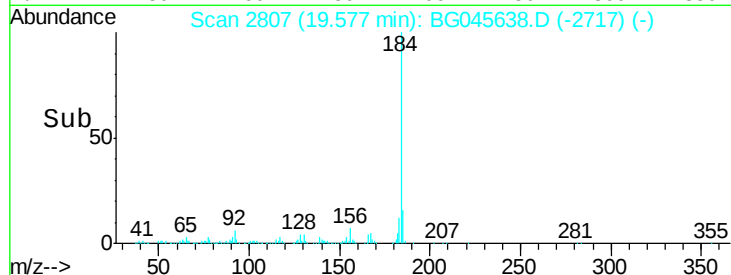
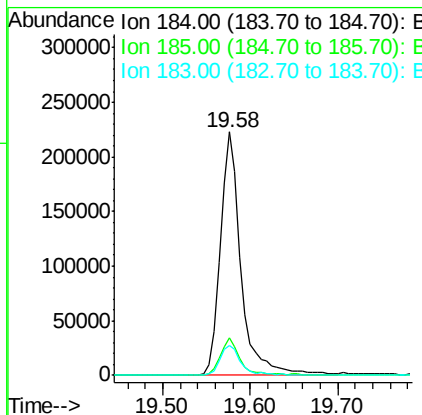
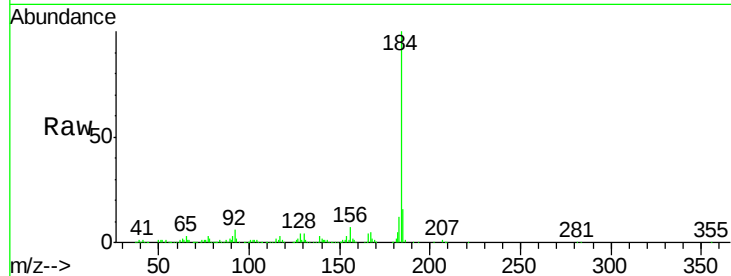
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	366479
Ion Ratio	Lower	Upper	
184	100		
185	15.5	11.7	17.5
183	12.1	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM



#78

Pyrene

Concen: 45.488 ng

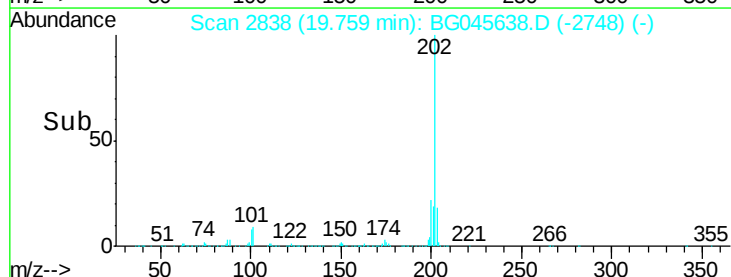
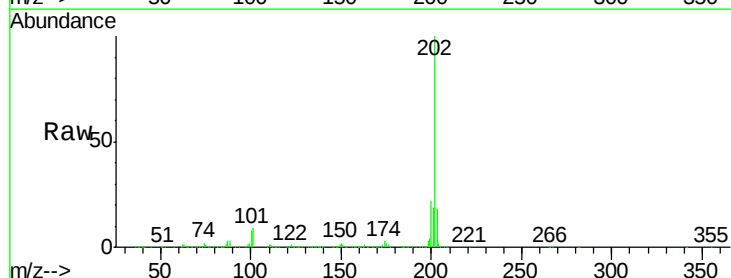
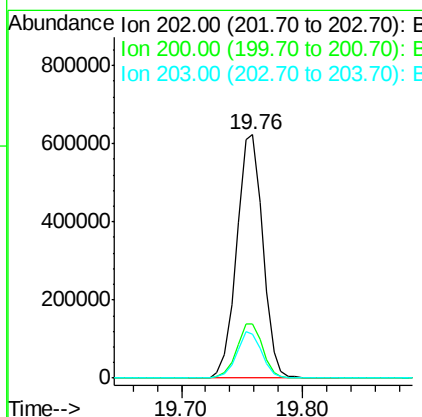
RT: 19.76 min Scan# 2838

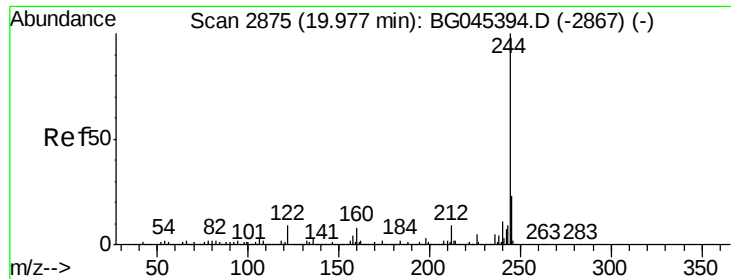
Delta R.T. -0.00 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Tgt Ion:	202	Resp:	940427
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.2	27.2
203	17.9	15.1	22.7





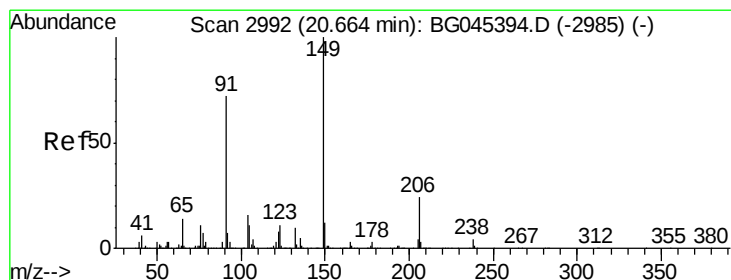
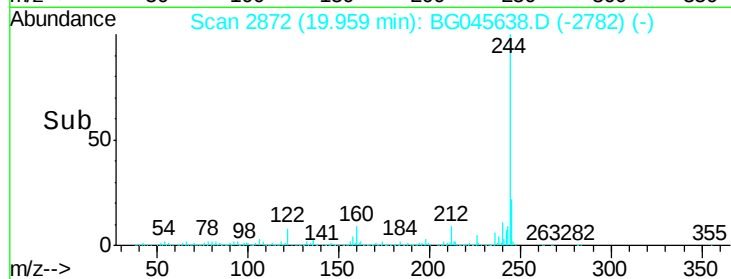
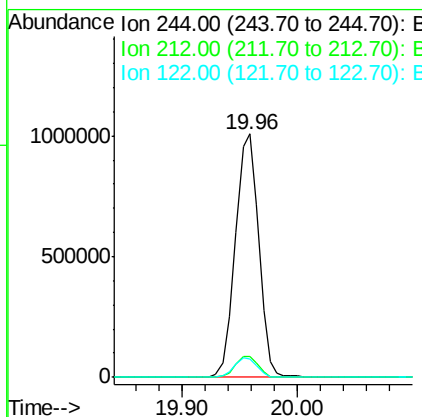
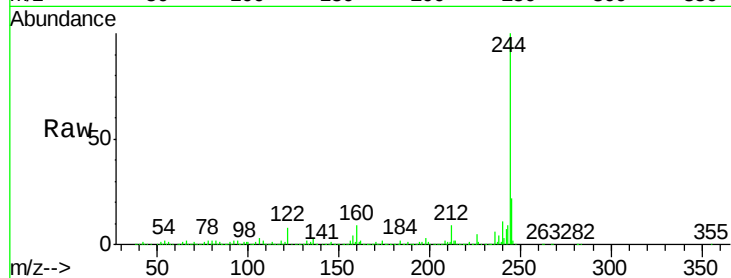
#79
 Terphenyl-d14
 Concen: 90.534 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 1407810
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.4 11.0
 122 7.7 6.8 10.2

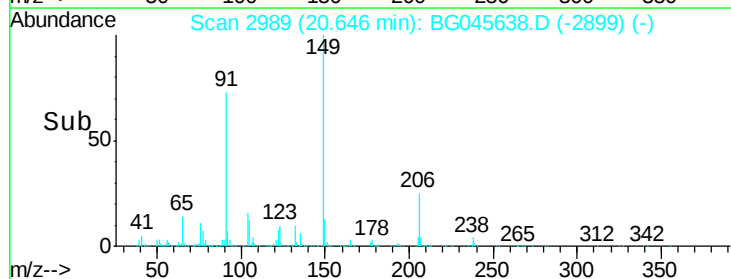
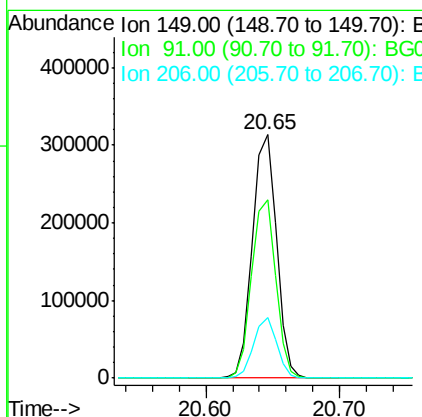
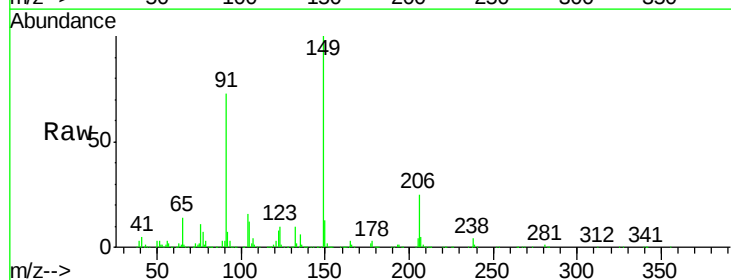
Manual Integrations
 APPROVED

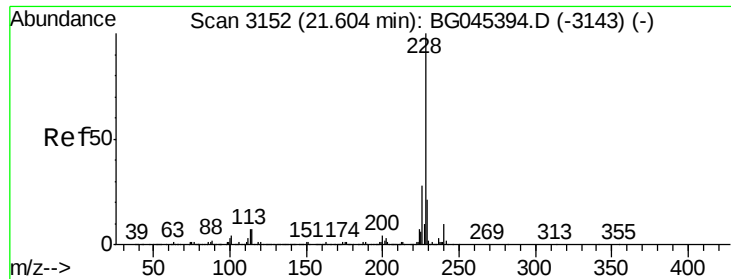
mohammad
 6/9/2020 12:22:15 PM



#80
 Butylbenzylphthalate
 Concen: 43.568 ng
 RT: 20.65 min Scan# 2989
 Delta R.T. -0.00 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Tgt Ion:149 Resp: 388780
 Ion Ratio Lower Upper
 149 100
 91 73.1 57.8 86.6
 206 24.7 19.1 28.7





#81

Benzo(a)anthracene

Concen: 44.571 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Instrument :

BNA_G

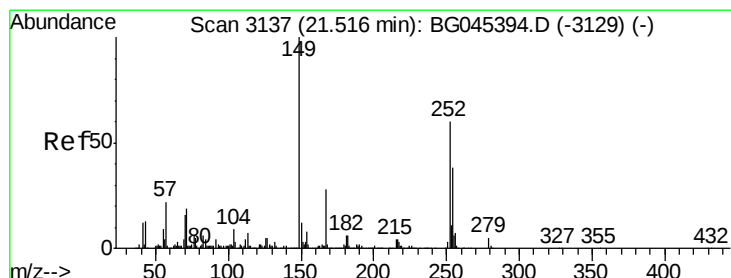
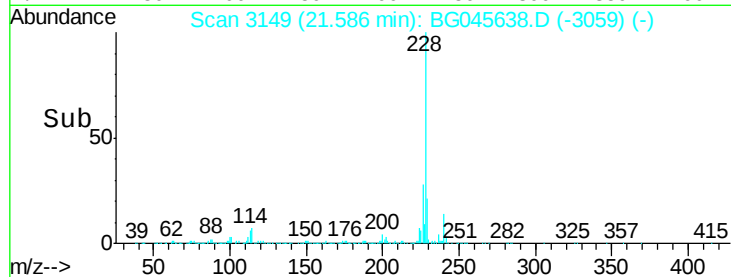
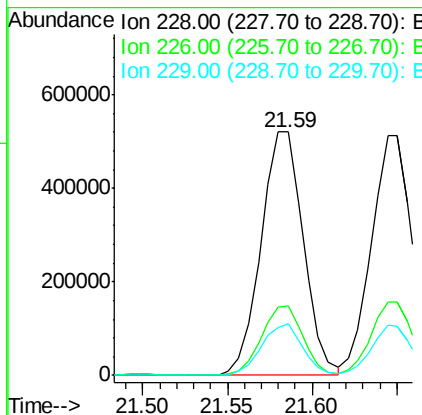
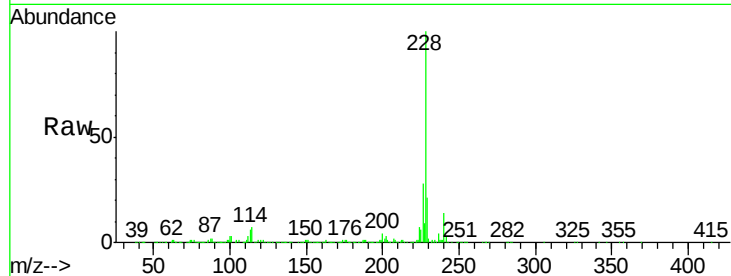
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	900493
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.7	34.1
229	21.0	16.7	25.1

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM



#82

3,3'-Dichlorobenzidine

Concen: 42.786 ng

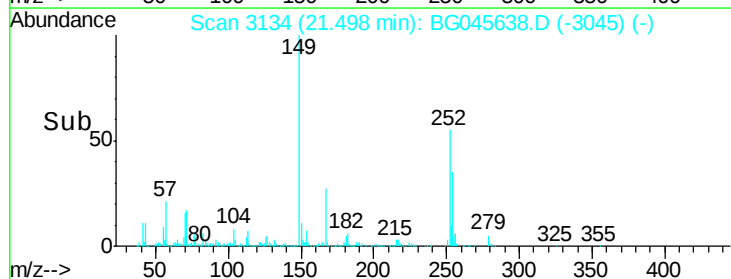
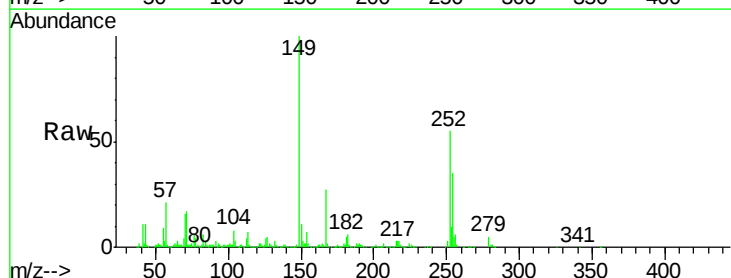
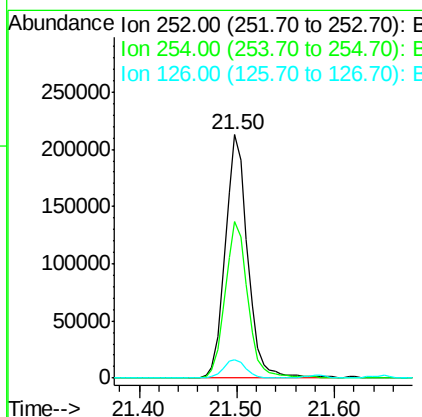
RT: 21.50 min Scan# 3134

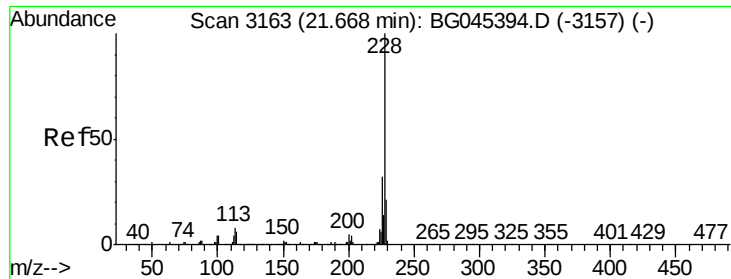
Delta R.T. -0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Tgt Ion:	252	Resp:	339082
Ion Ratio	Lower	Upper	
252	100		
254	64.3	51.3	76.9
126	7.3	6.6	10.0





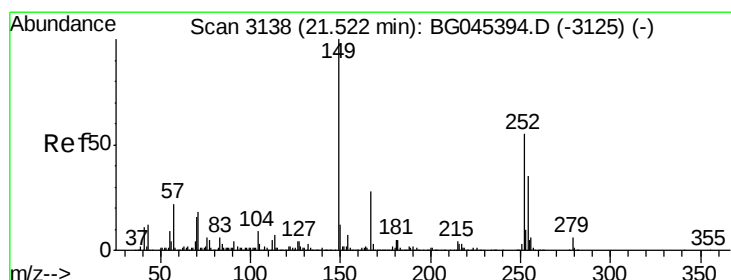
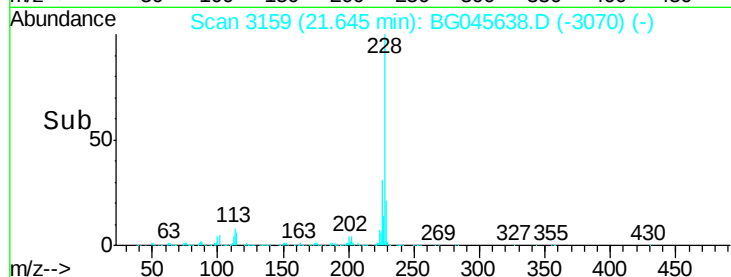
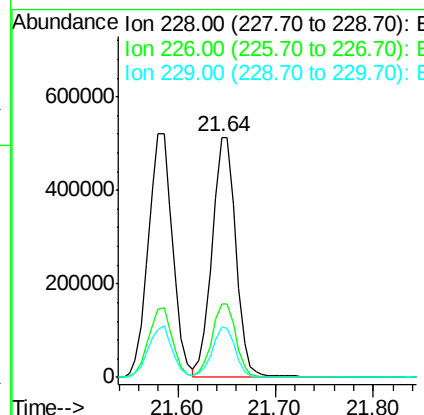
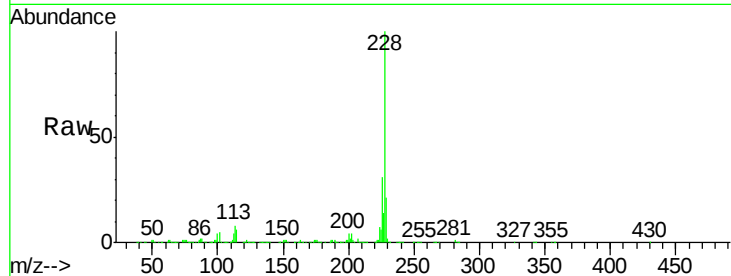
#83
 Chrvsene
 Concen: 44.632 ng
 RT: 21.64 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.2	37.8
229	21.1	16.7	25.1

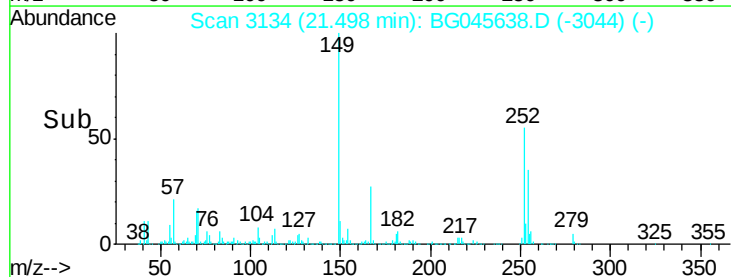
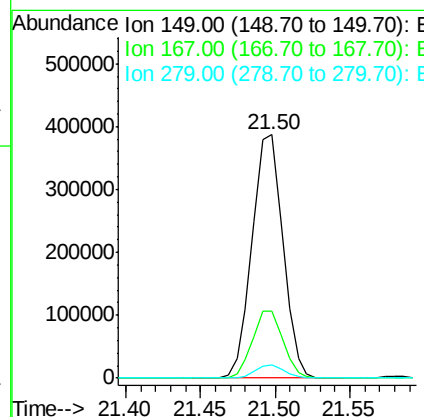
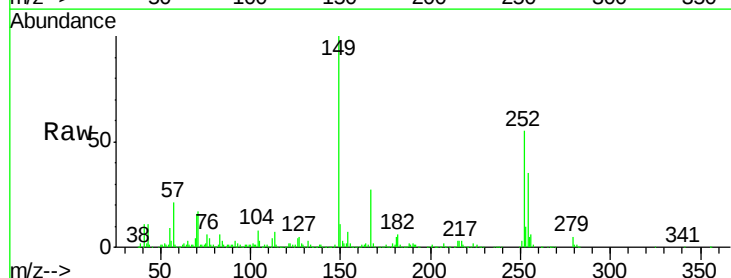
Manual Integrations
 APPROVED

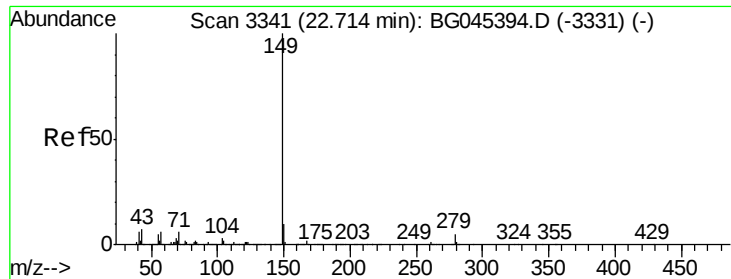
mohammad
 6/9/2020 12:22:15 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.783 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.2
279	5.4	4.7	7.1





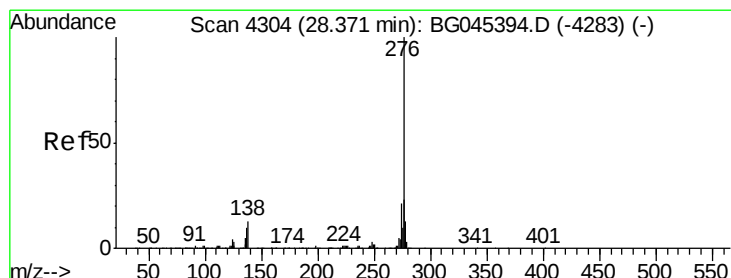
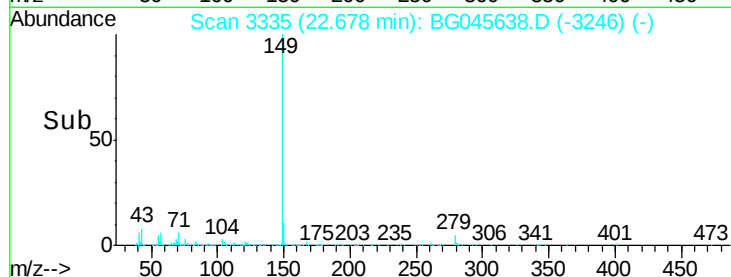
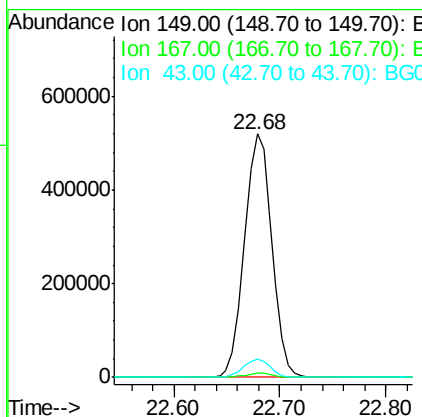
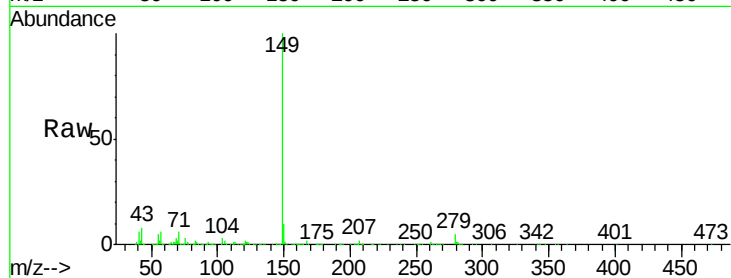
#85
Di-n-octyl phthalate
Concen: 44.310 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7		1.4	2.0
43	7.3		5.8	8.8

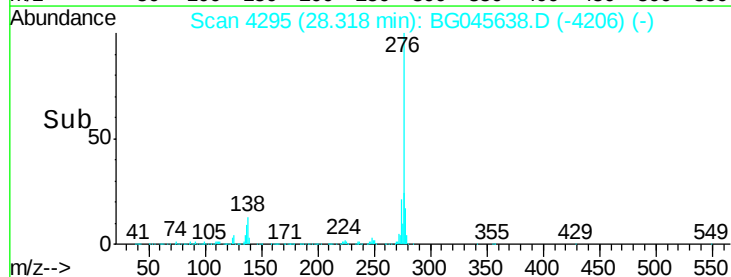
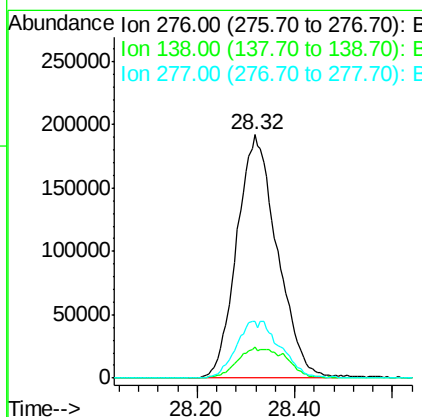
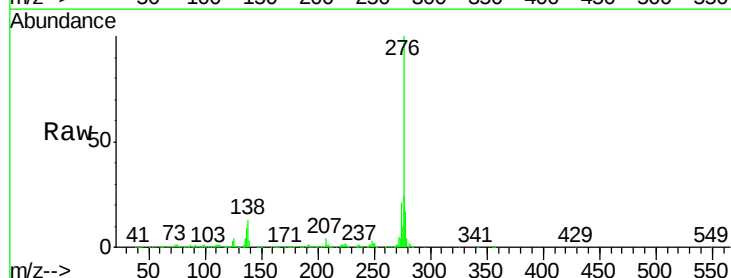
Manual Integrations
APPROVED

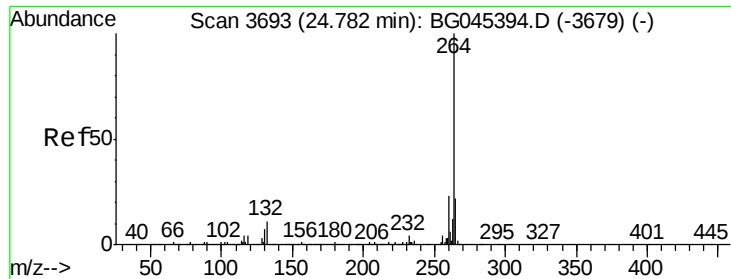
mohammad
6/9/2020 12:22:15 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.434 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	7.3		8.6	12.8#
277	12.7		20.2	30.4#





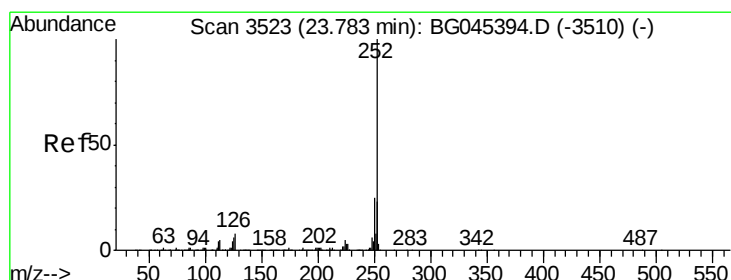
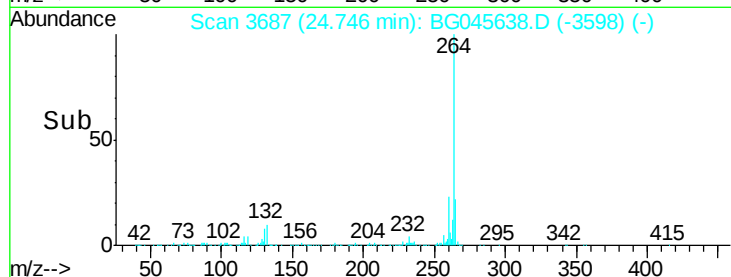
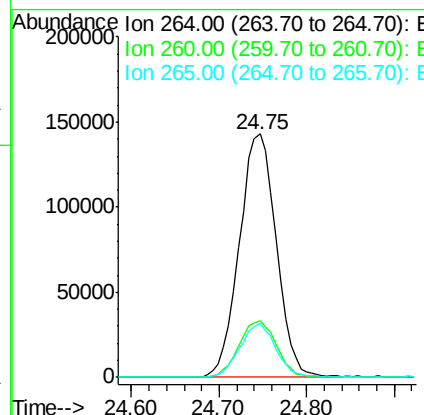
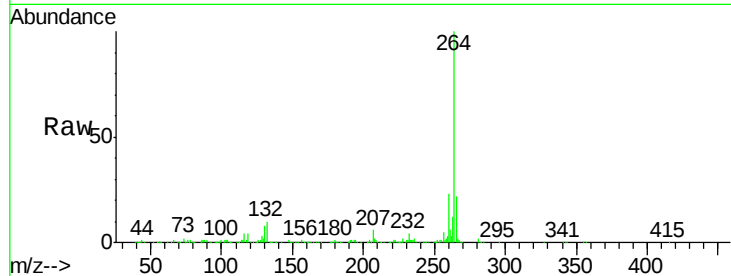
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	264	Resp:	408921
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.4
265	22.5	17.6	26.4

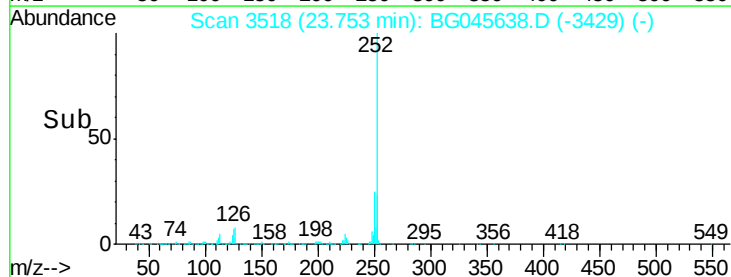
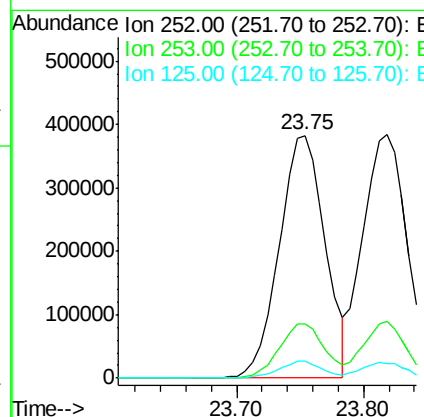
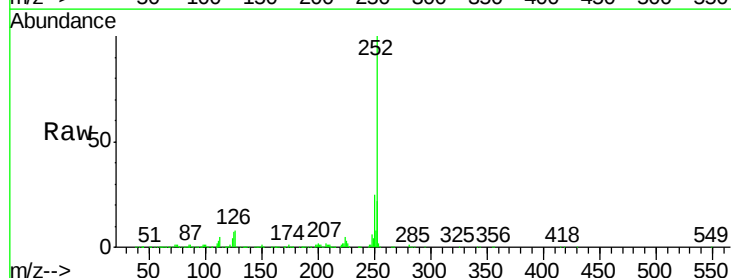
Manual Integrations
APPROVED

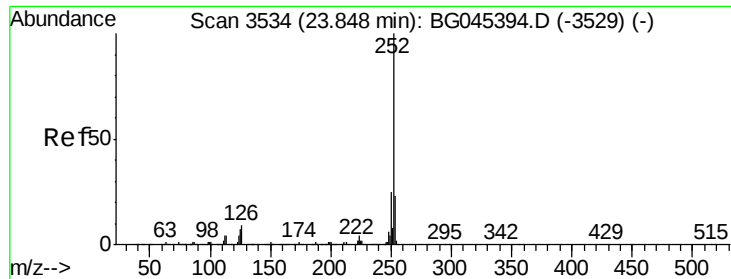
mohammad
6/9/2020 12:22:15 PM



#88
Benzo(b)fluoranthene
Concen: 43.567 ng
RT: 23.75 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG045638.D
Acq: 8 Jun 2020 10:46

Tgt Ion:	252	Resp:	955463
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	7.0	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 45.286 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Instrument :

BNA_G

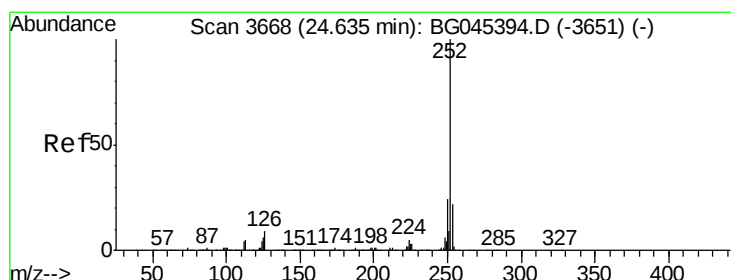
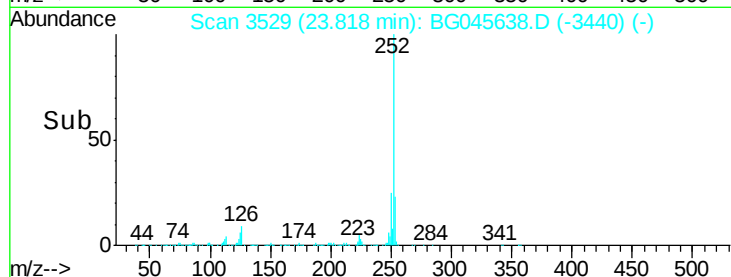
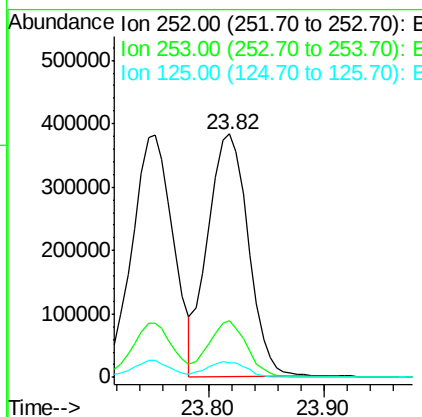
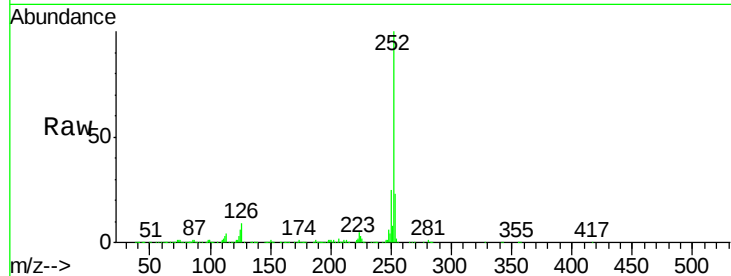
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	933055
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.4	27.6
125	6.1	5.7	8.5

Manual Integrations
APPROVED

mohammad
6/9/2020 12:22:15 PM



#90

Benzo(a)pyrene

Concen: 44.555 ng

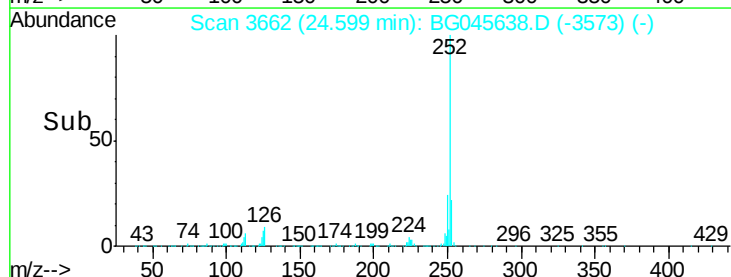
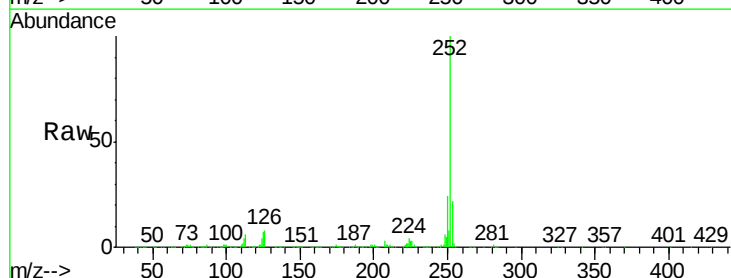
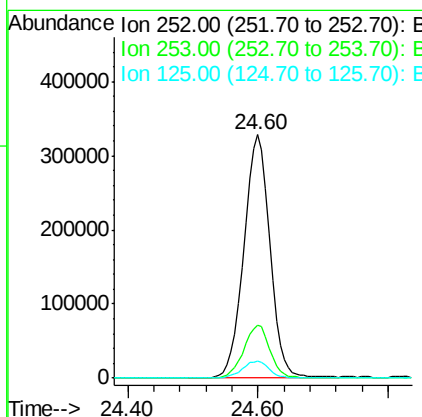
RT: 24.60 min Scan# 3662

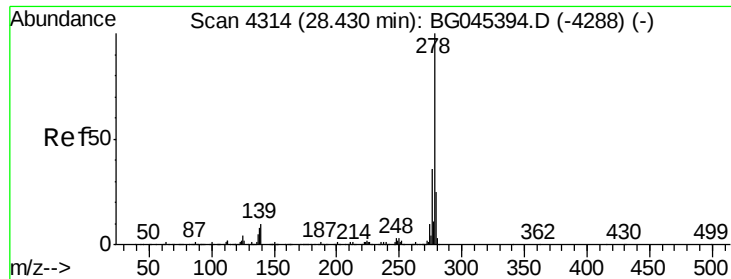
Delta R.T. -0.01 min

Lab File: BG045638.D

Acq: 8 Jun 2020 10:46

Tgt Ion:	252	Resp:	910036
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	6.9	5.0	7.6





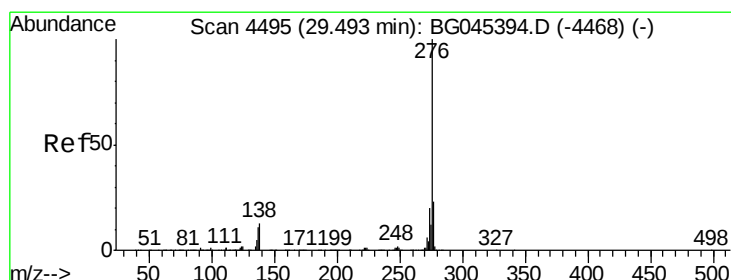
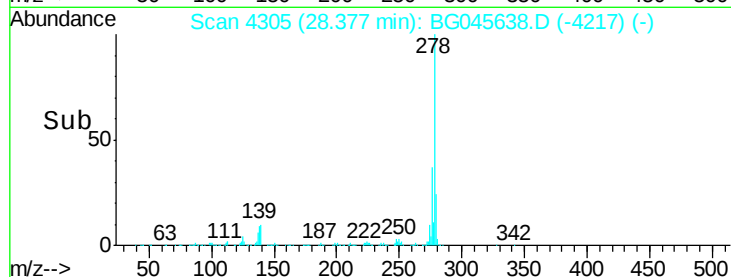
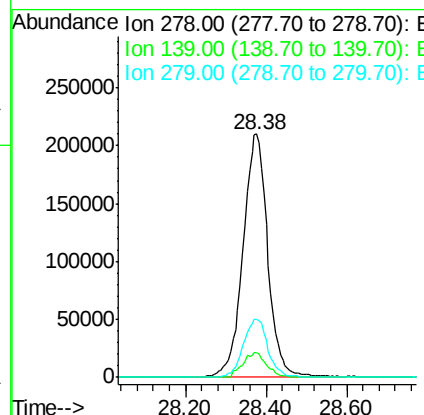
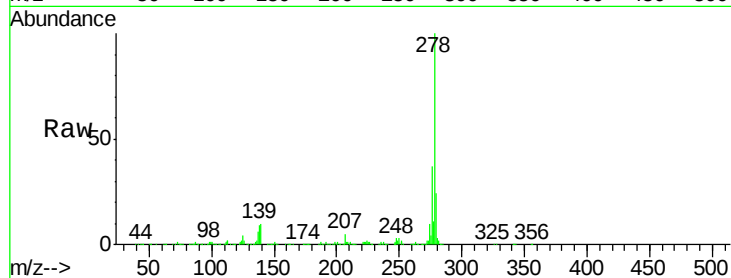
#91
 Dibenzo(a,h)anthracene
 Concen: 43.784 ng
 RT: 28.38 min Scan# 4305
 Delta R.T. -0.01 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.2	7.8	11.8
279	23.7	19.8	29.8

Manual Integrations
 APPROVED

mohammad
 6/9/2020 12:22:15 PM



#92
 Benzo(g,h,i)perylene
 Concen: 43.041 ng
 RT: 29.43 min Scan# 4484
 Delta R.T. -0.01 min
 Lab File: BG045638.D
 Acq: 8 Jun 2020 10:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.1	27.1
138	11.8	10.2	15.4

