

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045231.D
 Acq On : 4 May 2020 12:25
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/6/2020 6:45:10 PM

Quant Time: May 04 13:05:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 13:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	63926	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	242834	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	182808	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	450262	20.00	ng	0.00
76) Chrysene-d12	21.64	240	408782	20.00	ng	0.00
87) Perylene-d12	24.82	264	488789	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	299171	77.26	ng	0.00
7) Phenol-d6	7.15	99	438227	76.17	ng	0.00
23) Nitrobenzene-d5	9.15	82	400098	75.18	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	207784	73.57	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	933914	74.91	ng	0.00
79) Terphenyl-d14	19.99	244	1632002	87.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	76847	44.658	ng	98
3) Pyridine	3.85	79	179099	33.803	ng	95
4) n-Nitrosodimethylamine	3.76	42	67718	41.722	ng	92
6) Aniline	7.31	93	275063	36.773	ng	97
8) 2-Chlorophenol	7.55	128	164756	39.591	ng	96
9) Benzaldehyde	7.12	77	134842	42.273	ng	98
10) Phenol	7.18	94	225473	39.166	ng	97
11) bis(2-Chloroethyl)ether	7.40	93	163285	35.625	ng	100
12) 1,3-Dichlorobenzene	7.88	146	187470	38.230	ng	97
13) 1,4-Dichlorobenzene	8.03	146	190477	38.982	ng	99
14) 1,2-Dichlorobenzene	8.34	146	175206	37.480	ng	95
15) Benzyl Alcohol	8.22	79	167217	34.668	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.52	45	155647	34.594	ng	97
17) 2-Methylphenol	8.43	107	149092	33.566	ng	95
18) Hexachloroethane	9.08	117	72846	39.657	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	139264	34.230	ng	94
20) 3+4-Methylphenols	8.76	107	205385	33.036	ng	98
22) Acetophenone	8.81	105	272329	41.470	ng	96
24) Nitrobenzene	9.19	77	218150	39.989	ng	98
25) Isophorone	9.71	82	398790	36.591	ng	99
26) 2-Nitrophenol	9.91	139	93148	39.641	ng	95
27) 2,4-Dimethylphenol	9.97	122	154427	41.418	ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	222758	38.901	ng	98
29) 2,4-Dichlorophenol	10.45	162	167411	38.886	ng	91
30) 1,2,4-Trichlorobenzene	10.67	180	196686	40.351	ng	98
31) Naphthalene	10.85	128	533133	40.133	ng	99
32) Benzoic acid	10.11	122	100380	35.275	ng	93
33) 4-Chloroaniline	10.95	127	225220	36.353	ng	98
34) Hexachlorobutadiene	11.15	225	132181	39.552	ng	99
35) Caprolactam	11.72	113	62520	36.488	ng	94
36) 4-Chloro-3-methylphenol	12.08	107	206796	40.889	ng	98
37) 2-Methylnaphthalene	12.46	142	408711	39.638	ng	97
38) 1-Methylnaphthalene	12.67	142	378512	38.886	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	233323	39.641	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045231.D
 Acq On : 4 May 2020 12:25
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/6/2020 6:45:10 PM

Quant Time: May 04 13:05:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 13:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	137357	37.337	nq	91
43) 2,4,6-Trichlorophenol	13.07	196	156684	37.718	nq	97
44) 2,4,5-Trichlorophenol	13.14	196	168203	35.573	nq	99
46) 1,1'-Biphenyl	13.46	154	536653	38.623	nq	97
47) 2-Chloronaphthalene	13.51	162	395382	37.241	nq	95
48) 2-Nitroaniline	13.70	65	135398	38.761	nq	98
49) Acenaphthylene	14.35	152	662515	38.310	nq	99
50) Dimethylphthalate	14.08	163	554165	37.230	nq	100
51) 2,6-Dinitrotoluene	14.20	165	124999	37.544	nq	98
52) Acenaphthene	14.70	154	439013m	37.520	nq	
53) 3-Nitroaniline	14.53	138	127467	34.908	nq	98
54) 2,4-Dinitrophenol	14.74	184	65131	32.899	nq	94
55) Dibenzofuran	15.03	168	653389	38.302	nq	97
56) 4-Nitrophenol	14.84	139	104867	37.039	nq	93
57) 2,4-Dinitrotoluene	14.99	165	183470	37.708	nq	# 98
58) Fluorene	15.68	166	545236	39.130	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	163711	38.911	nq	97
60) Diethylphthalate	15.45	149	572434	36.886	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	295323	36.823	nq	98
62) 4-Nitroaniline	15.69	138	142023	37.499	nq	94
63) Azobenzene	15.97	77	562673	39.325	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	113632	38.394	nq	95
66) n-Nitrosodiphenylamine	15.89	169	485211	37.506	nq	100
67) 4-Bromophenyl-phenylether	16.57	248	207470	35.717	nq	93
68) Hexachlorobenzene	16.69	284	223014	37.019	nq	98
69) Atrazine	16.84	200	206430	43.600	nq	96
70) Pentachlorophenol	17.03	266	131391	35.552	nq	99
71) Phenanthrene	17.42	178	913500	39.481	nq	100
72) Anthracene	17.51	178	930991	40.112	nq	99
73) Carbazole	17.78	167	877078	37.238	nq	98
74) Di-n-butylphthalate	18.34	149	1044939	40.094	nq	99
75) Fluoranthene	19.44	202	1159191	42.246	nq	99
77) Benzidine	19.61	184	459889	37.903	nq	97
78) Pyrene	19.79	202	1163844	41.298	nq	98
80) Butylbenzylphthalate	20.68	149	475717	40.724	nq	97
81) Benzo(a)anthracene	21.63	228	1098993	41.480	nq	98
82) 3,3'-Dichlorobenzidine	21.54	252	443726	42.077	nq	# 96
83) Chrysene	21.69	228	1066397	41.891	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	668344	41.599	nq	99
85) Di-n-octyl phthalate	22.74	149	1155873	41.604	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1427814	42.245	nq	# 96
88) Benzo(b)fluoranthene	23.82	252	1173766	38.336	nq	98
89) Benzo(k)fluoranthene	23.88	252	1155459	39.683	nq	99
90) Benzo(a)pyrene	24.68	252	1185843	41.022	nq	97
91) Dibenzo(a,h)anthracene	28.49	278	1171416	40.215	nq	97
92) Benzo(g,h,i)perylene	29.55	276	1166813	39.955	nq	99

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



#1

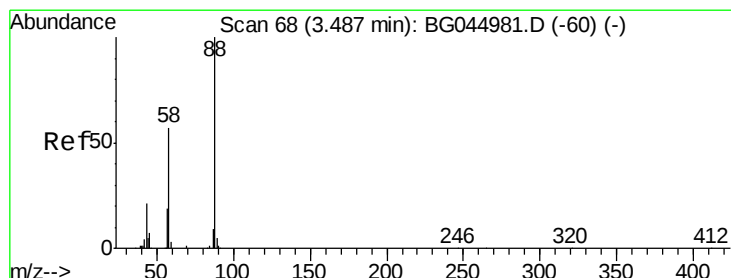
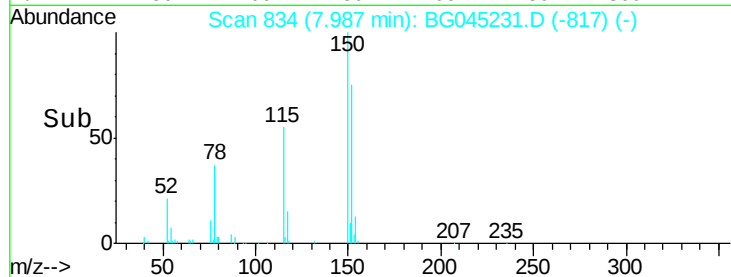
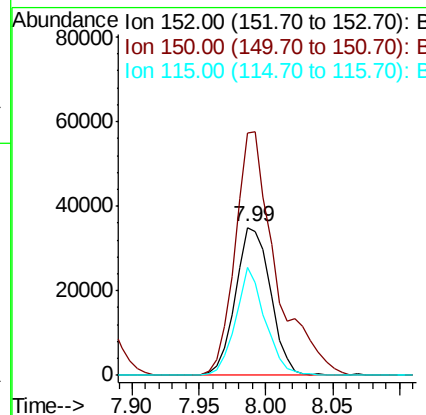
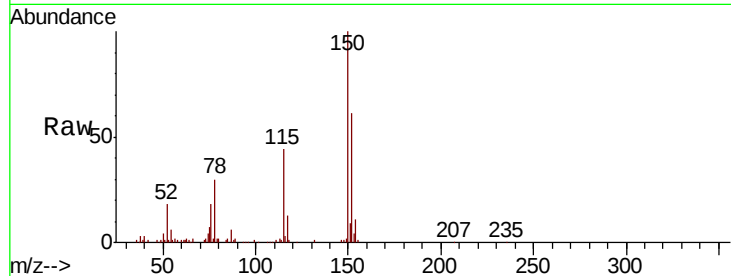
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	123.6	185.4
115	72.9	49.1	73.7

Manual Integrations
APPROVED

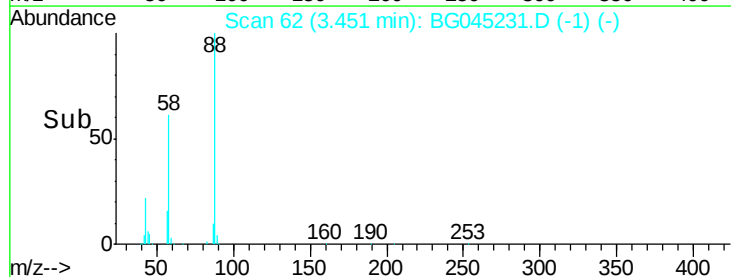
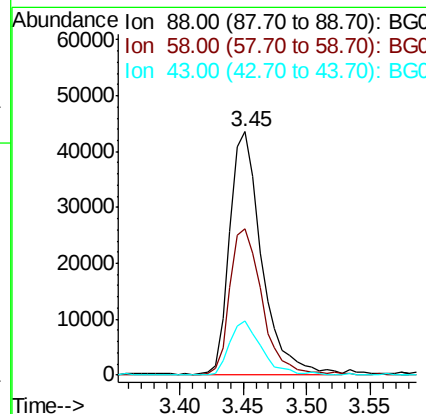
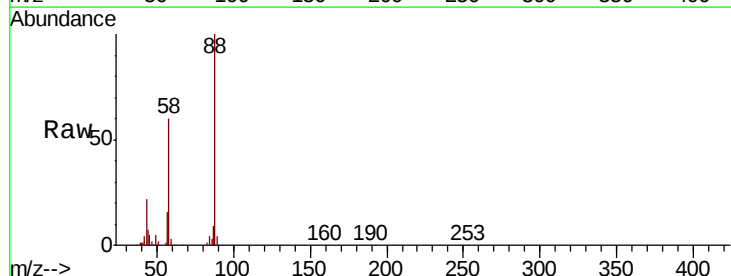
mohammad
5/6/2020 6:45:10 PM

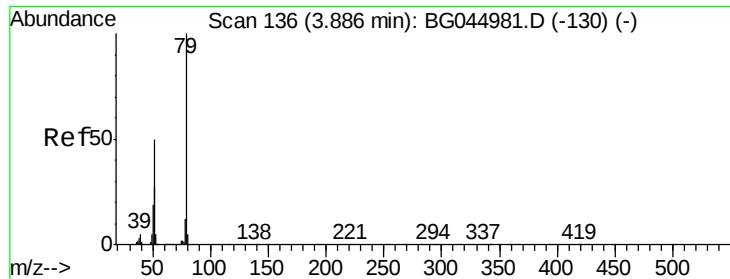


#2

1,4-Dioxane
Concen: 44.658 ng
RT: 3.45 min Scan# 62
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.9	46.6	69.8
43	22.1	17.5	26.3





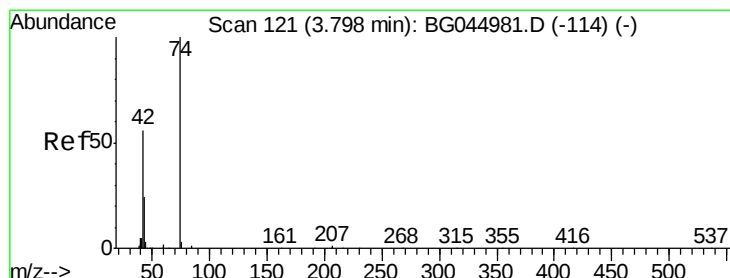
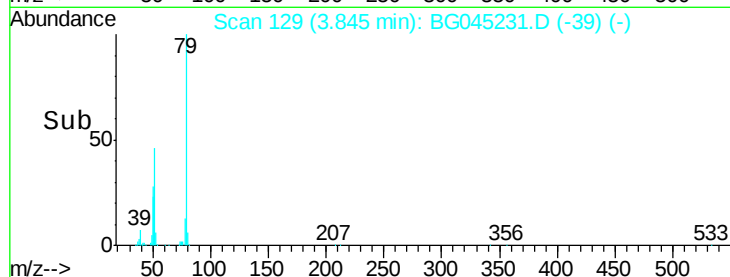
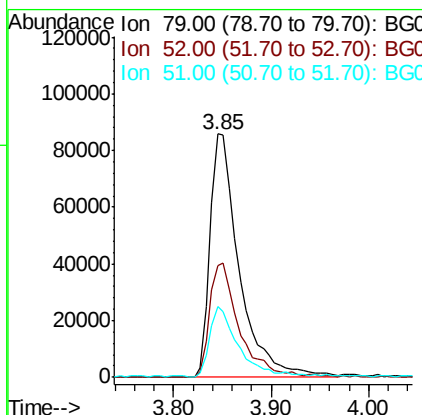
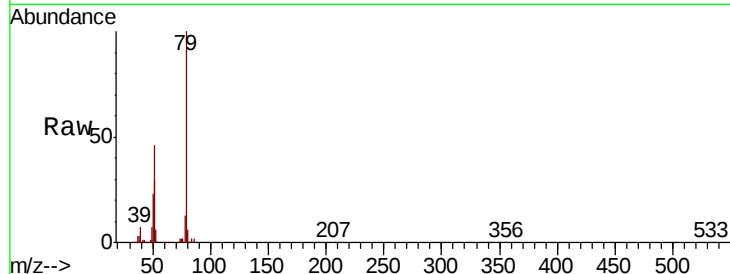
#3
 Pvridine
 Concen: 33.803 ng
 RT: 3.85 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	79	Resp:	179099
Ion	Ratio	Lower	Upper
79	100		
52	46.0	39.8	59.6
51	29.3	21.4	32.2

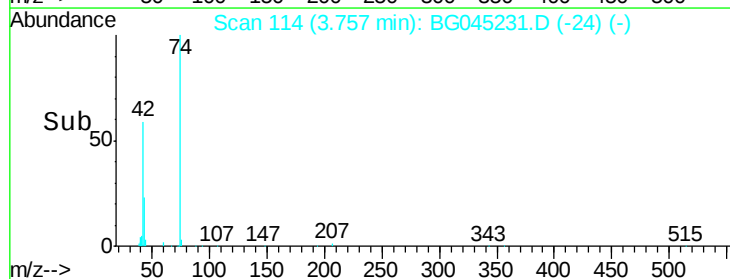
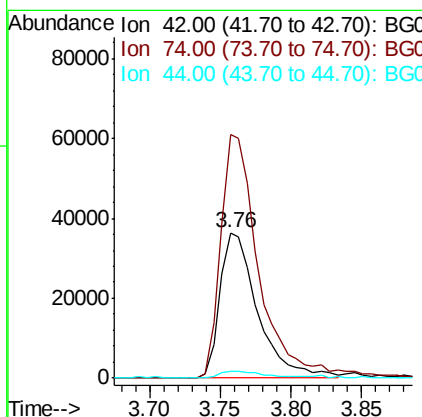
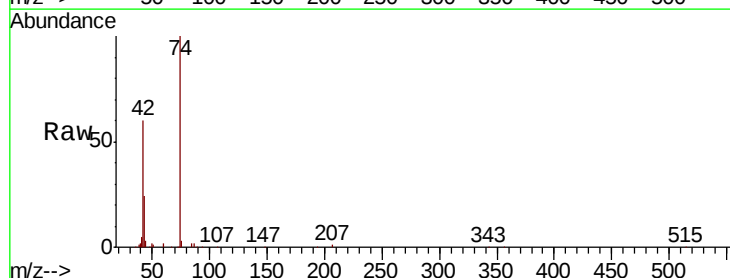
Manual Integrations
 APPROVED

mohammad
 5/6/2020 6:45:10 PM



#4
 n-Nitrosodimethylamine
 Concen: 41.722 ng
 RT: 3.76 min Scan# 114
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Tgt Ion:	42	Resp:	67718
Ion	Ratio	Lower	Upper
42	100		
74	167.5	143.0	214.6
44	4.6	4.6	6.8





#5

2-Fluorophenol

Concen: 77.264 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Instrument :

BNA_G

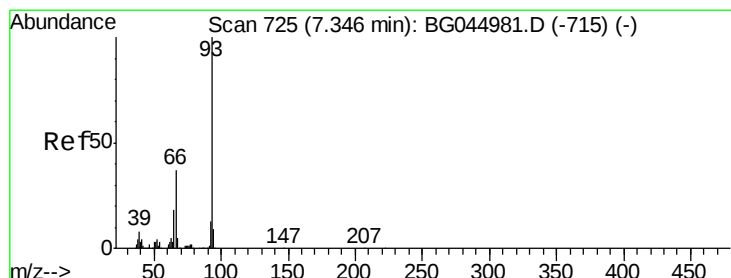
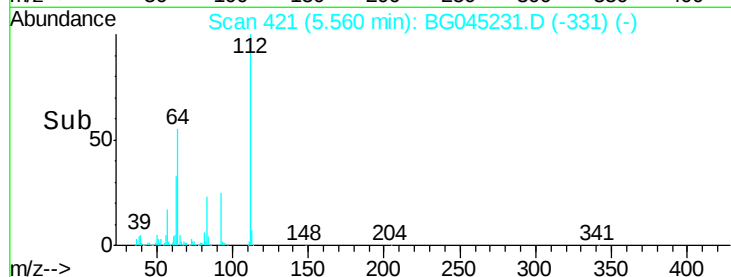
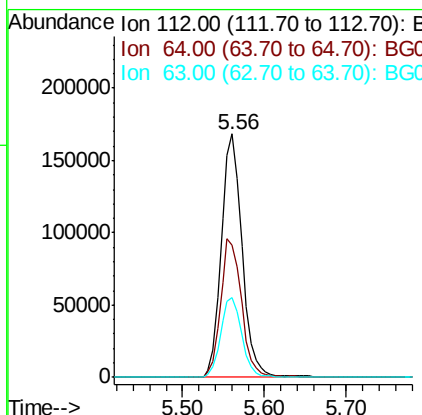
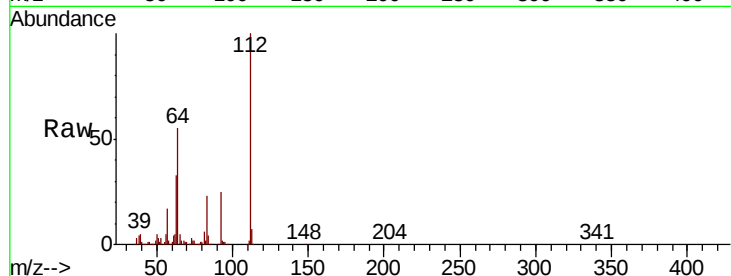
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		299171		
64	54.6	42.4	63.6		
63	32.9	23.1	34.7		

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM



#6

Aniline

Concen: 36.773 ng

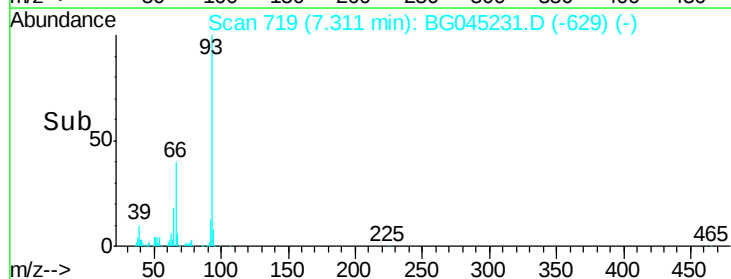
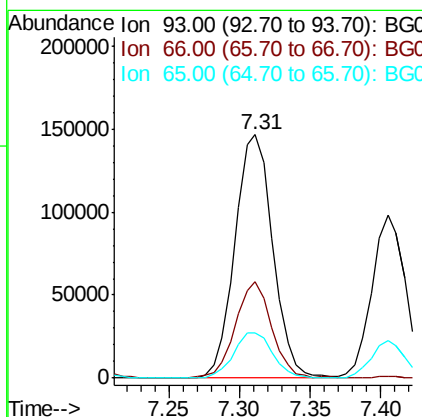
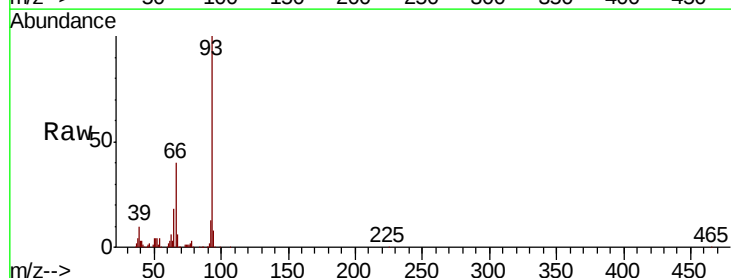
RT: 7.31 min Scan# 719

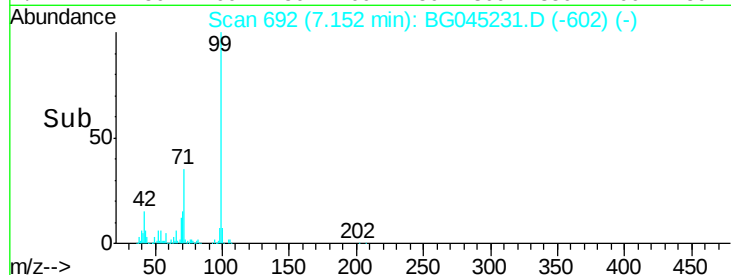
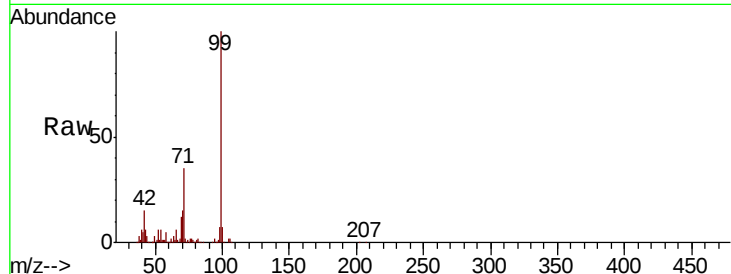
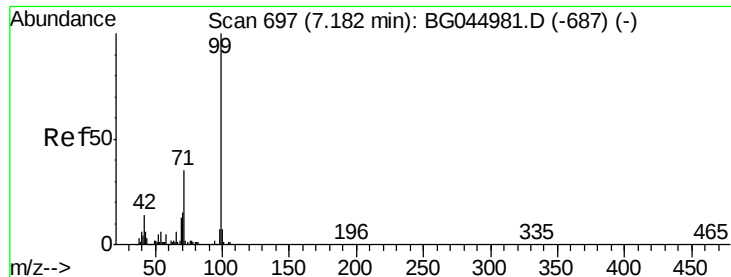
Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		275063		
66	39.5	29.8	44.8		
65	18.5	14.6	22.0		





#7

Phenol-d6

Concen: 76.174 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		438227		
42	14.9	11.3	16.9		
71	35.5	28.3	42.5		

Instrument :

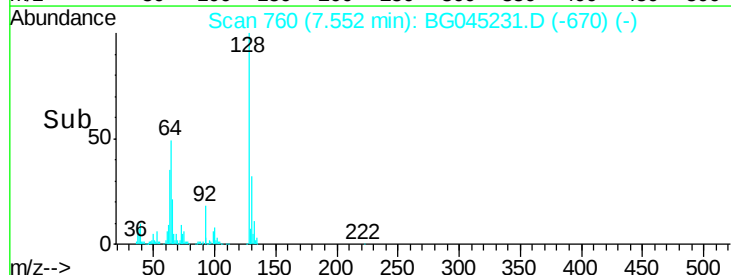
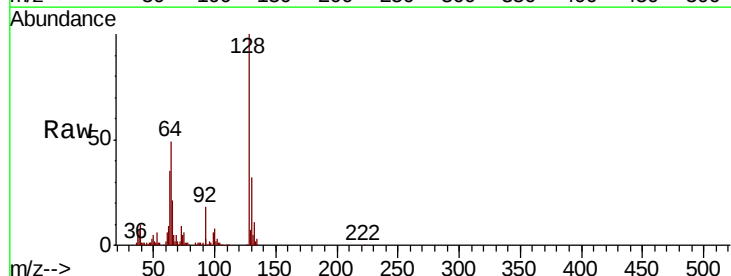
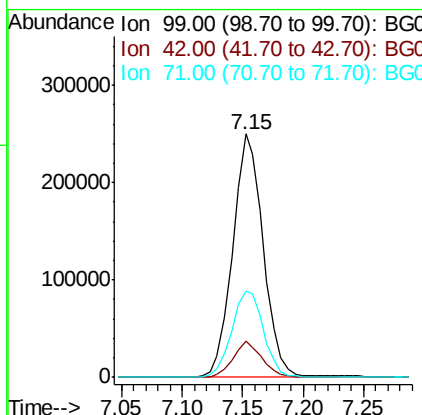
BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM



#8

2-Chlorophenol

Concen: 39.591 ng

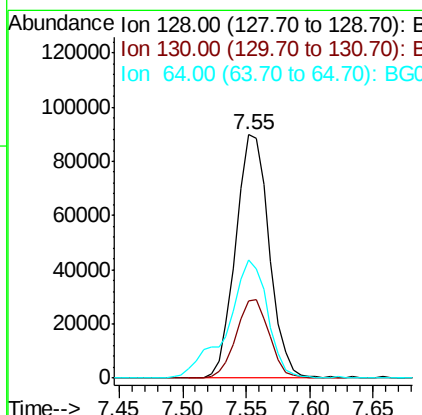
RT: 7.55 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		164756		
130	31.6	12.3	52.3		
64	48.7	24.4	64.4		





#9

Benzaldehyde

Concen: 42.273 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Instrument :

BNA_G

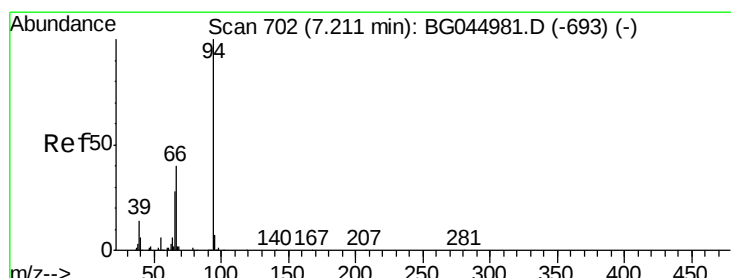
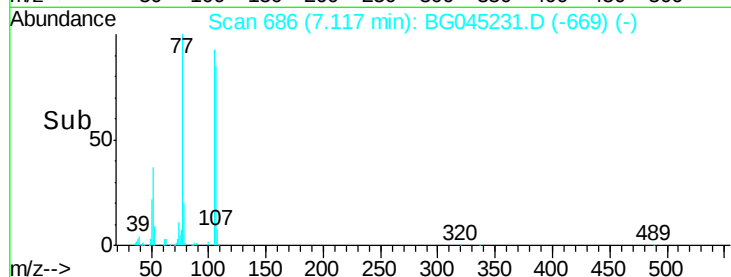
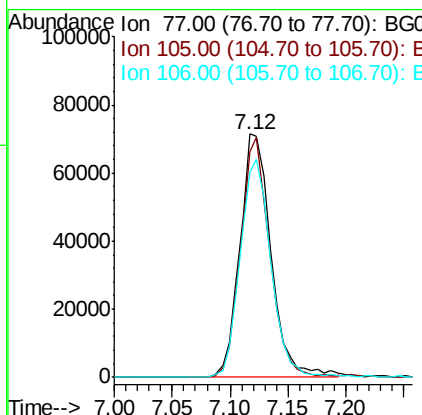
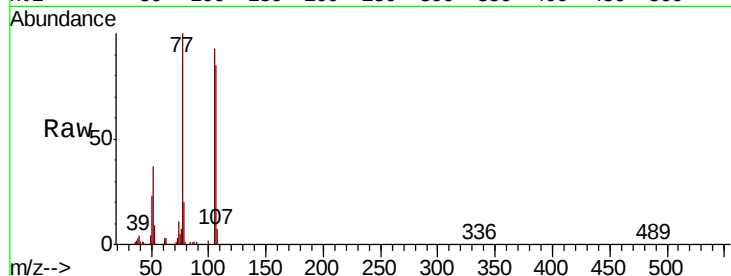
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	134842
Ion	Ratio	Lower	Upper
77	100		
105	92.8	72.9	112.9
106	84.5	67.6	107.6

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM



#10

Phenol

Concen: 39.166 ng

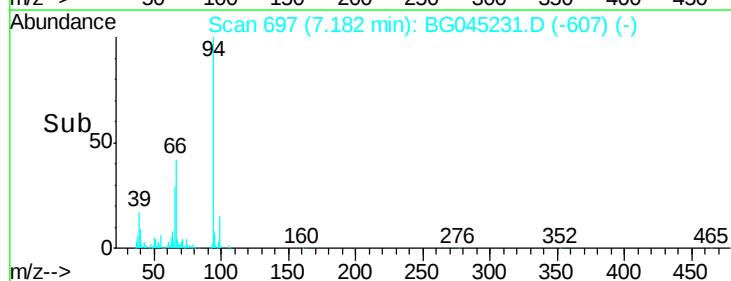
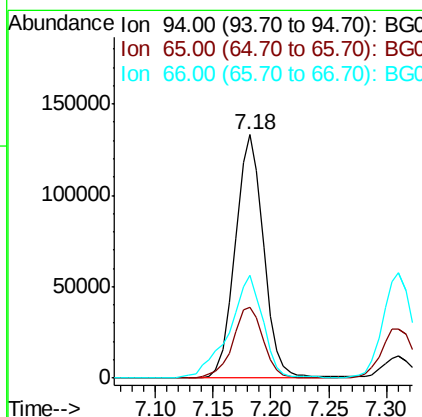
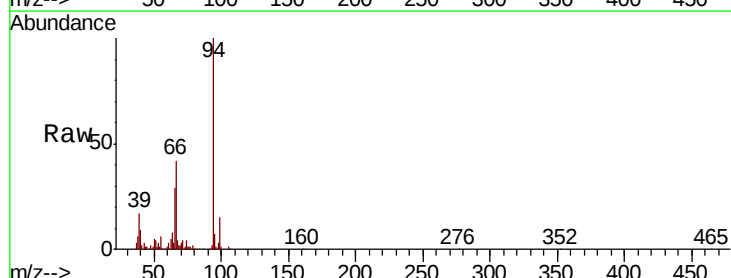
RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Tgt Ion:	94	Resp:	225473
Ion	Ratio	Lower	Upper
94	100		
65	29.2	8.2	48.2
66	42.3	20.4	60.4





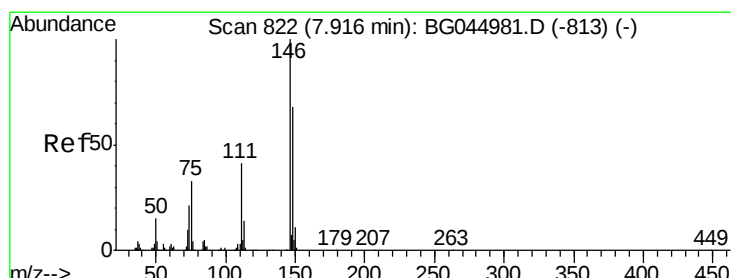
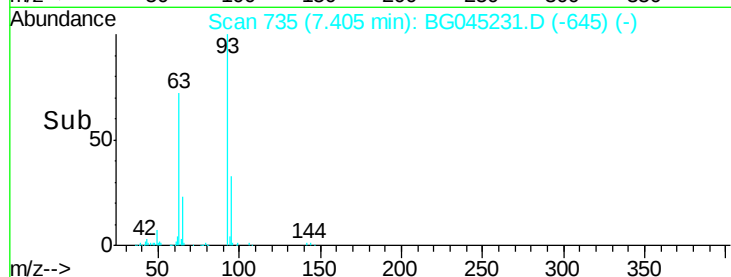
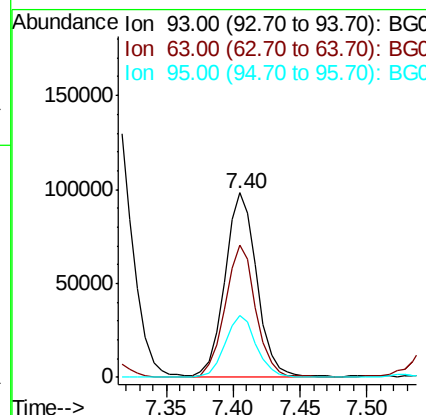
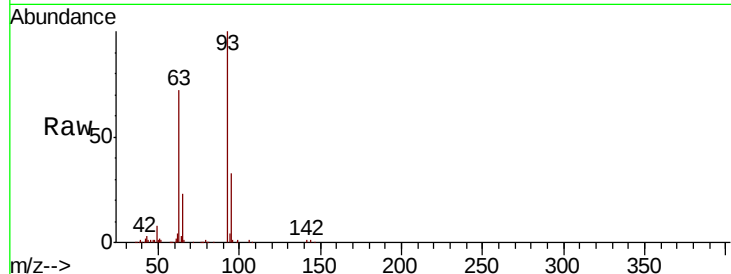
#11
bis(2-Chloroethyl)ether
Concen: 35.625 ng
RT: 7.40 min Scan# 735
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	163285
Ion	Ratio	Lower	Upper
93	100		
63	71.5	51.8	91.8
95	33.5	13.8	53.8

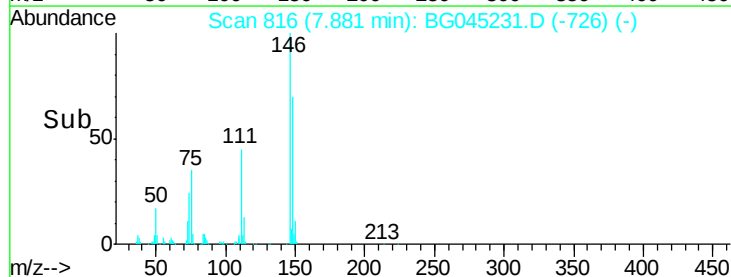
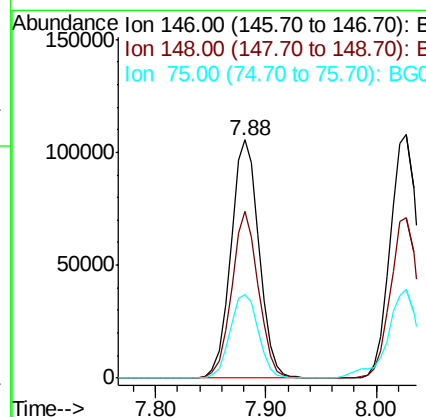
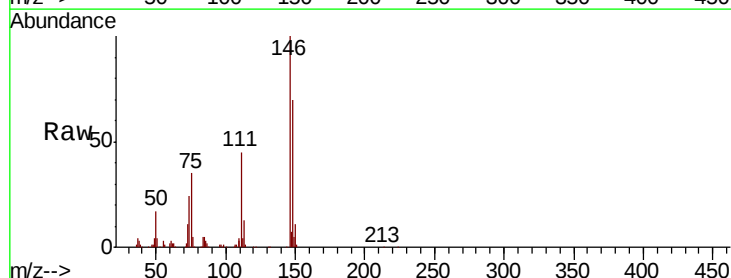
Manual Integrations
APPROVED

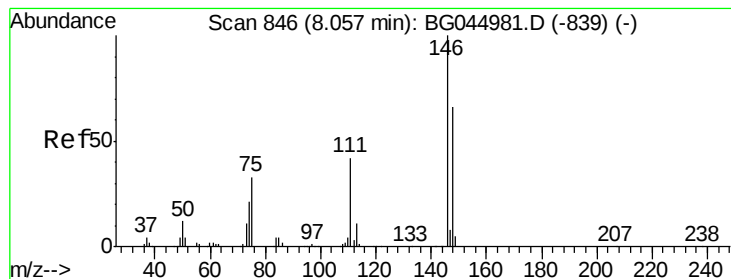
mohammad
5/6/2020 6:45:10 PM



#12
1,3-Dichlorobenzene
Concen: 38.230 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	146	Resp	187470
Ion	Ratio	Lower	Upper
146	100		
148	70.3	54.6	81.8
75	35.2	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 38.982 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Instrument :

BNA_G

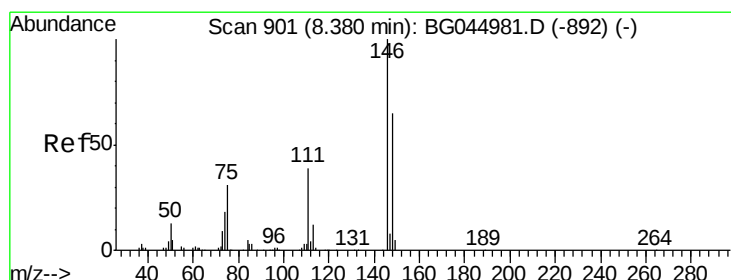
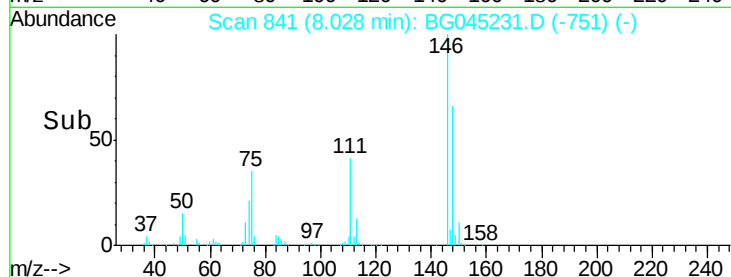
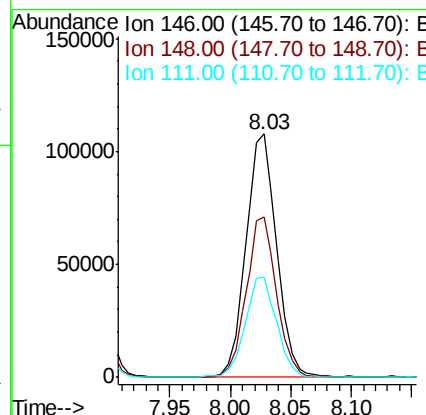
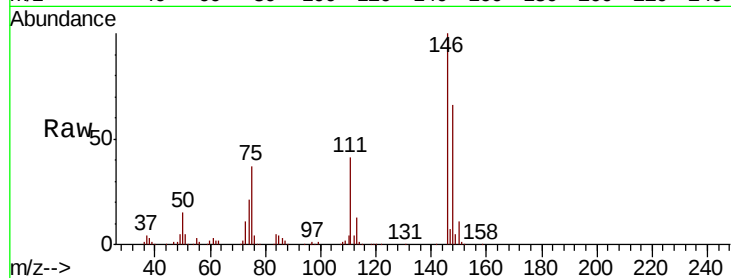
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	190477
Ion Ratio	Lower	Upper	
146	100		
148	65.7	53.3	79.9
111	41.4	33.8	50.8

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM



#14

1,2-Dichlorobenzene

Concen: 37.480 ng

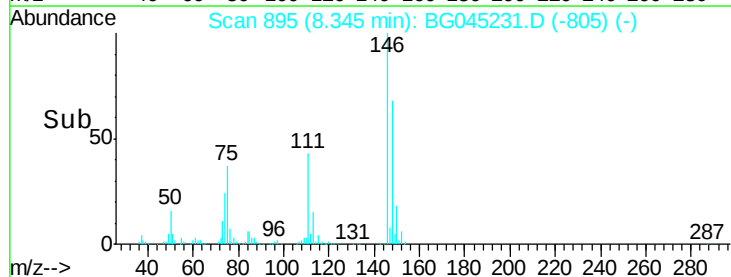
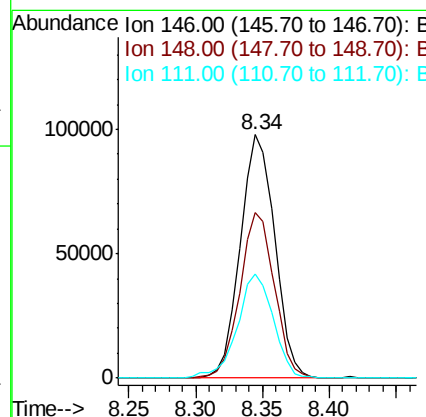
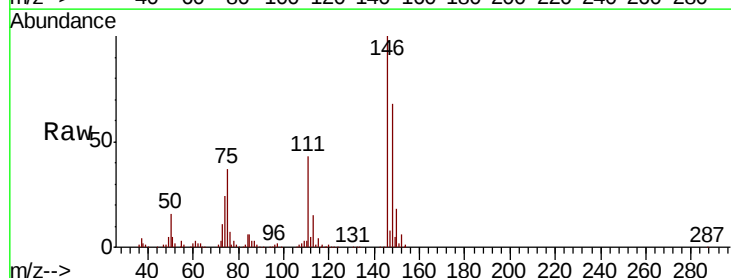
RT: 8.34 min Scan# 895

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Tgt Ion:	146	Resp:	175206
Ion Ratio	Lower	Upper	
146	100		
148	67.8	51.9	77.9
111	42.8	31.3	46.9





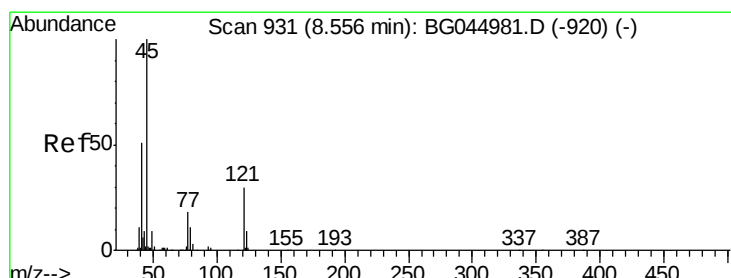
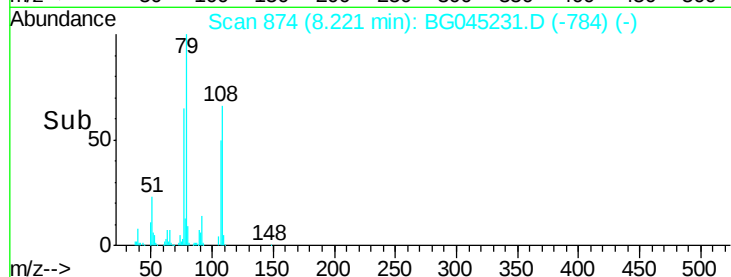
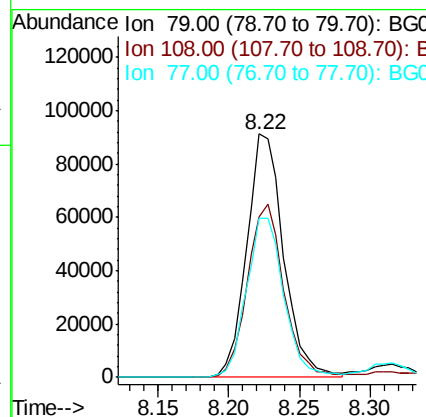
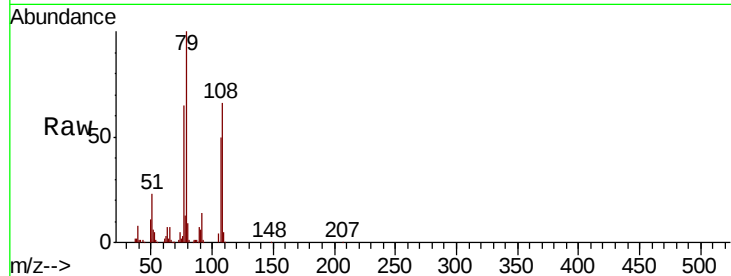
#15
Benzyl Alcohol
Concen: 34.668 ng
RT: 8.22 min Scan# 874
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.0	52.7	79.1
77	65.5	51.3	76.9

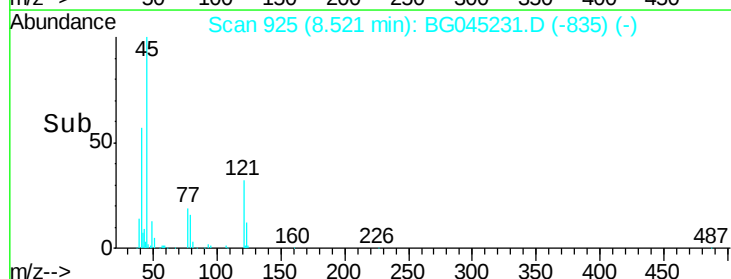
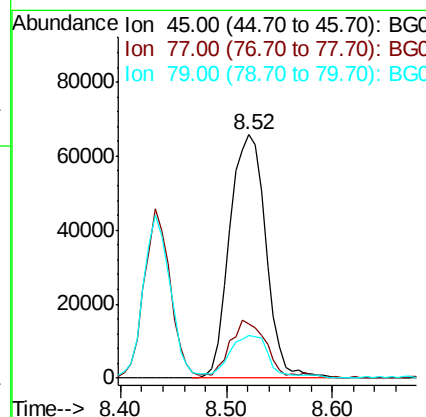
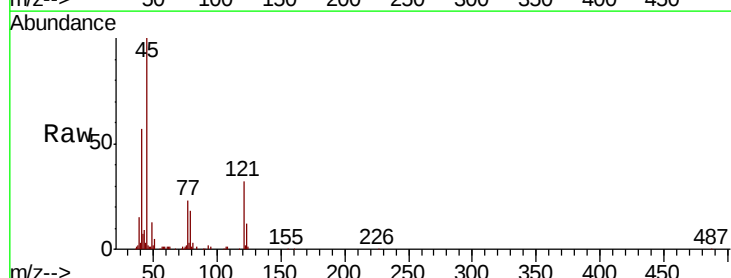
Manual Integrations
APPROVED

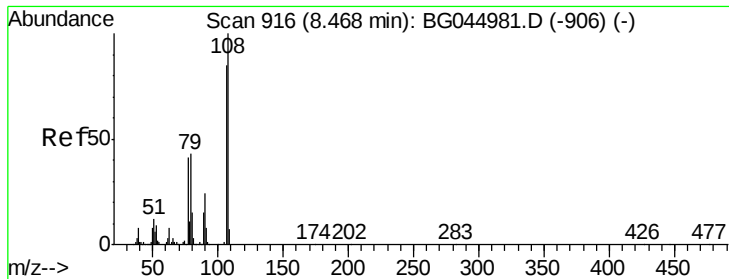
mohammad
5/6/2020 6:45:10 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.594 ng
RT: 8.52 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.5	1.9	41.9
79	17.5	0.0	35.5





#17

2-Methylphenol

Concen: 33.566 ng

RT: 8.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Instrument :

BNA_G

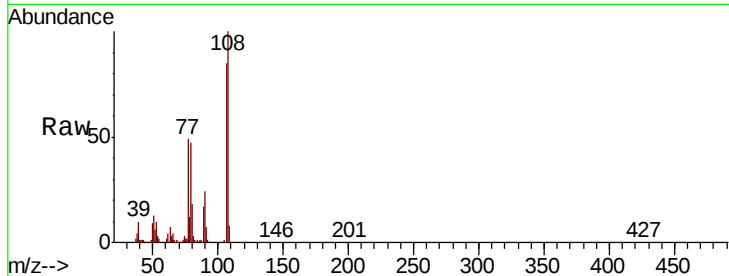
ClientSampleId :

SSTDCCC040

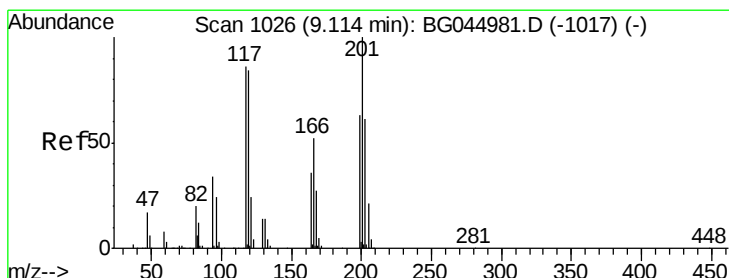
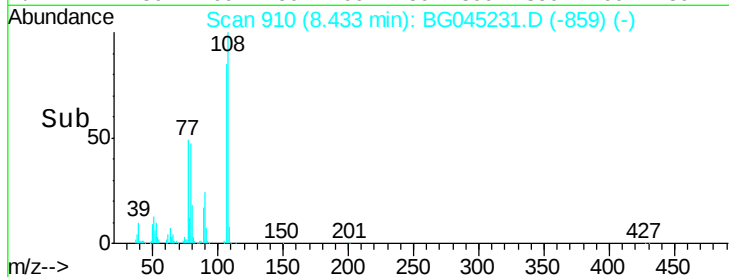
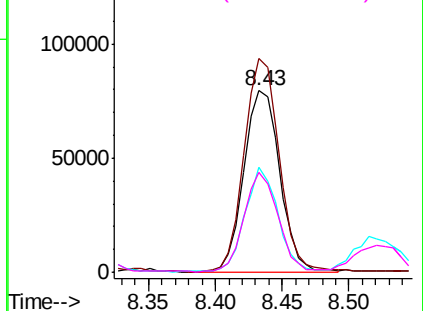
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.6	93.8	140.6	
77	57.7	38.5	57.7	
79	55.3	40.1	60.1	

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 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: 39.657 ng

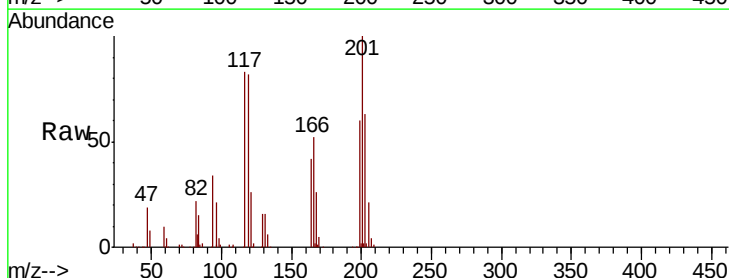
RT: 9.08 min Scan# 1020

Delta R.T. 0.00 min

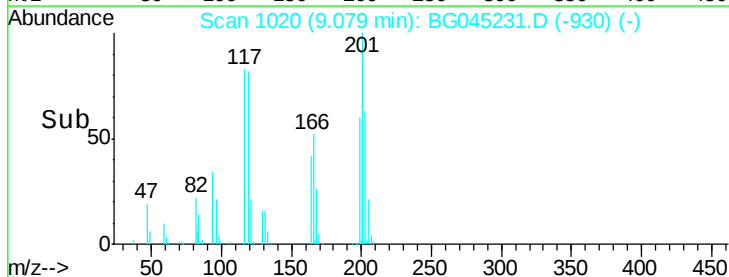
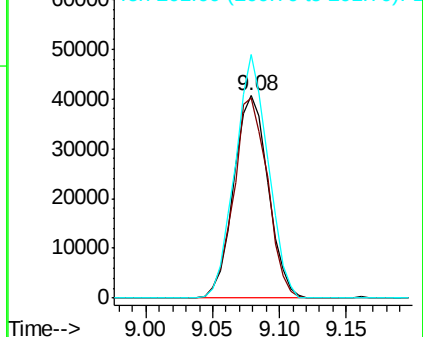
Lab File: BG045231.D

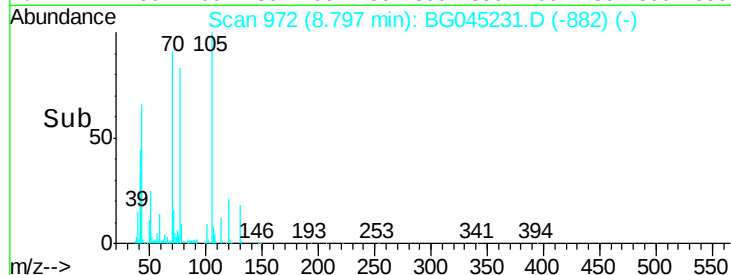
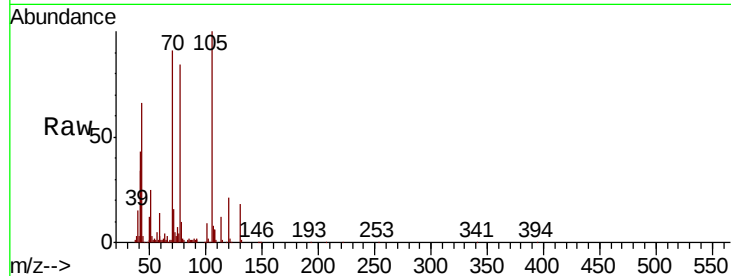
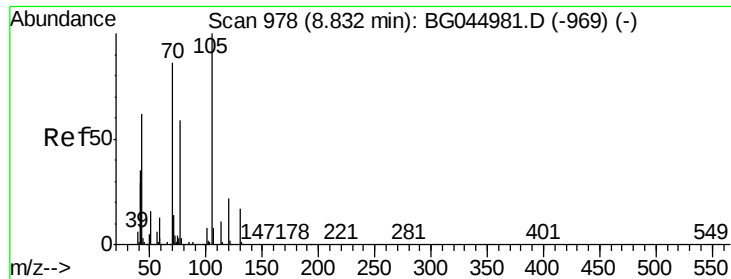
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.9	78.3	117.5	
201	120.3	92.9	139.3	



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





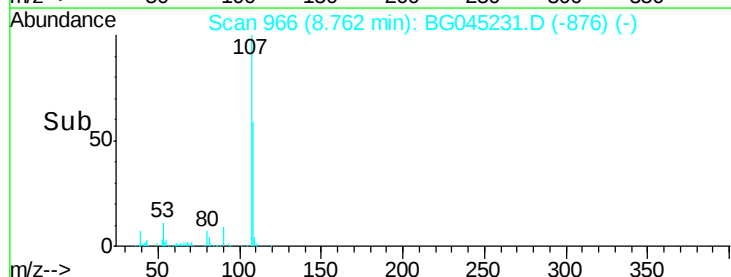
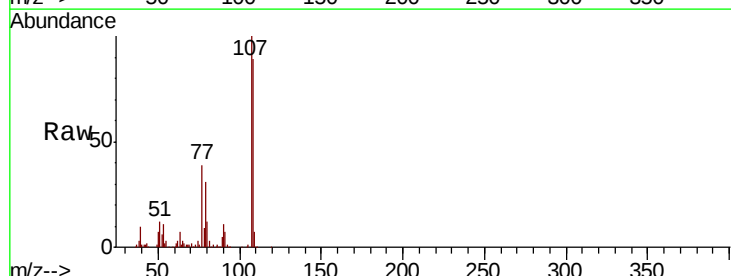
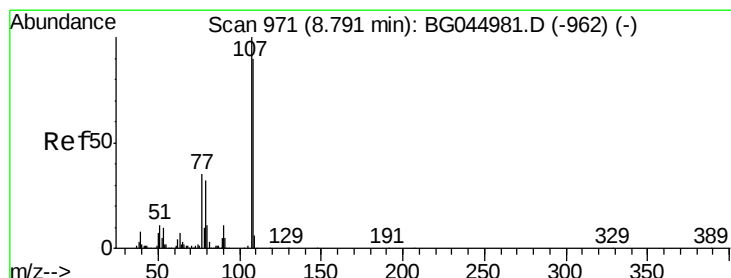
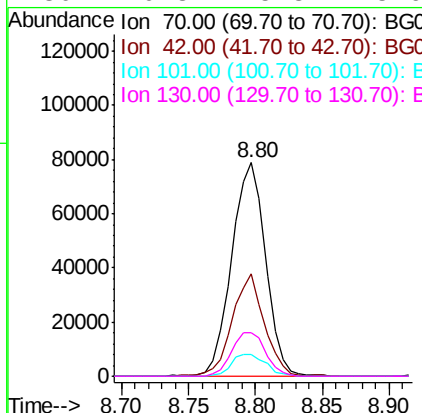
#19
n-Nitroso-di-n-propylamine
Concen: 34.230 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		139264		
42	47.9	33.3	49.9		
101	10.2	7.8	11.8		
130	20.3	15.8	23.6		

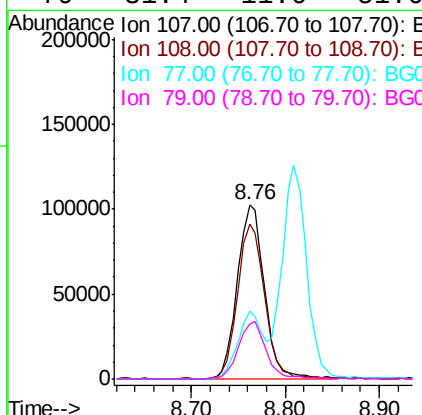
Manual Integrations
APPROVED

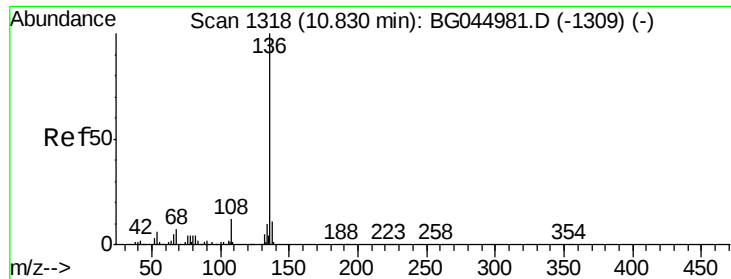
mohammad
5/6/2020 6:45:10 PM



#20
3+4-Methylphenols
Concen: 33.036 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		205385		
108	88.7	69.9	109.9		
77	39.0	15.2	55.2		
79	31.4	11.6	51.6		





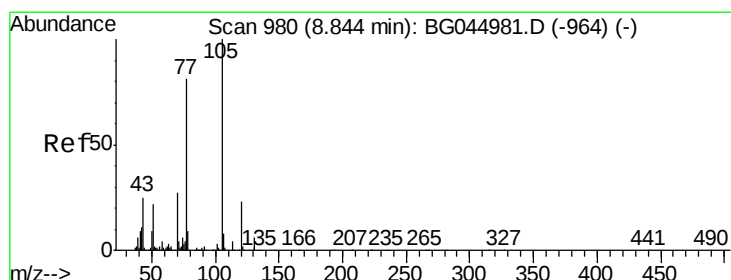
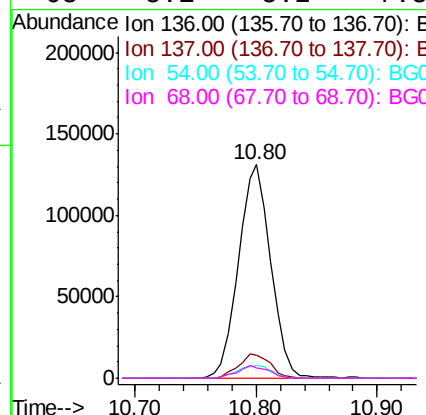
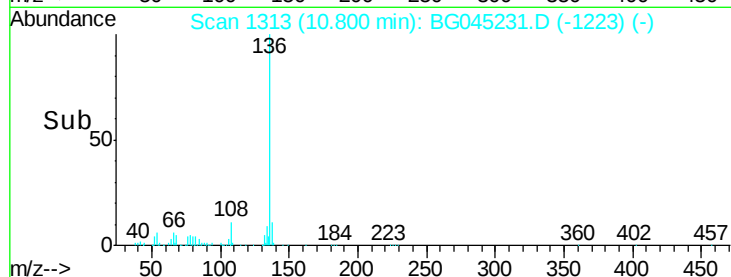
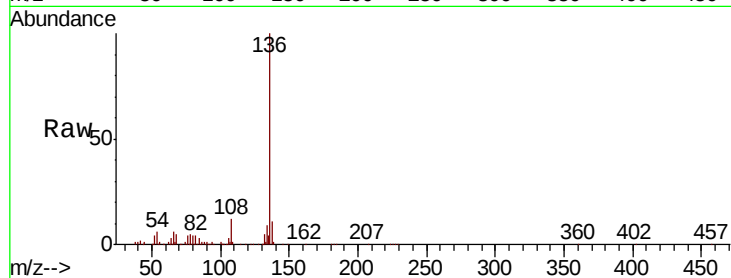
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	242834		
137	11.0	8.6	13.0	
54	6.0	4.8	7.2	
68	5.1	5.2	7.8	

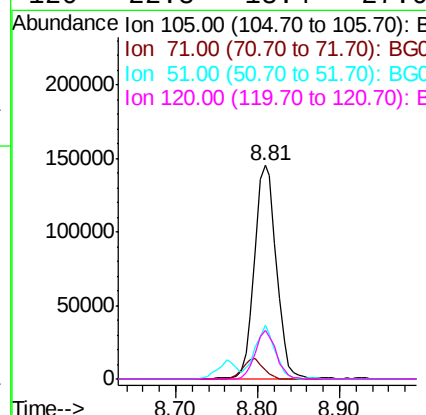
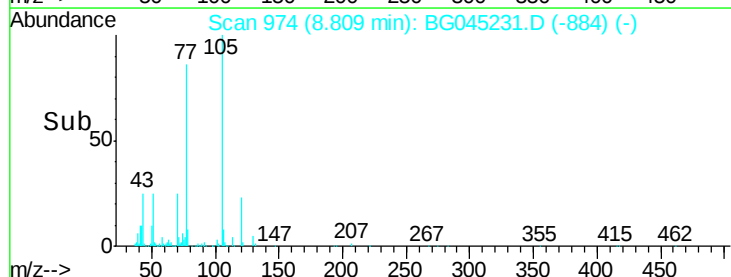
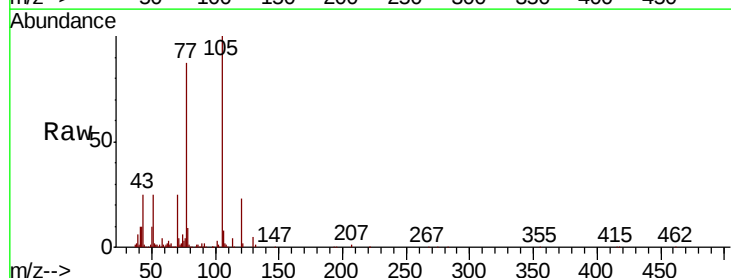
Manual Integrations
APPROVED

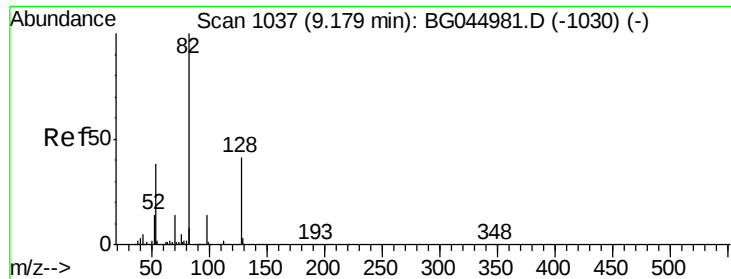
mohammad
5/6/2020 6:45:10 PM



#22
Acetophenone
Concen: 41.470 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	272329		
71	4.4	3.3	4.9	
51	25.4	17.3	25.9	
120	22.8	18.4	27.6	





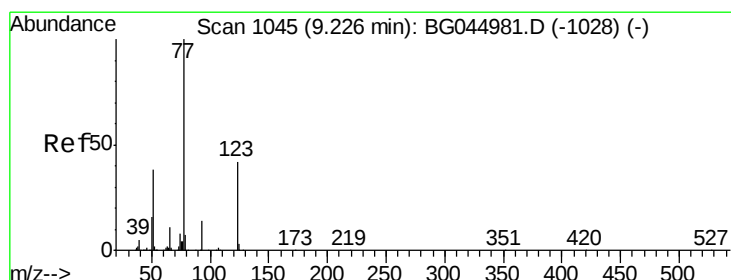
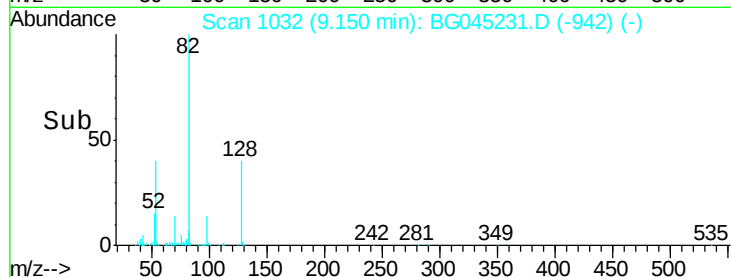
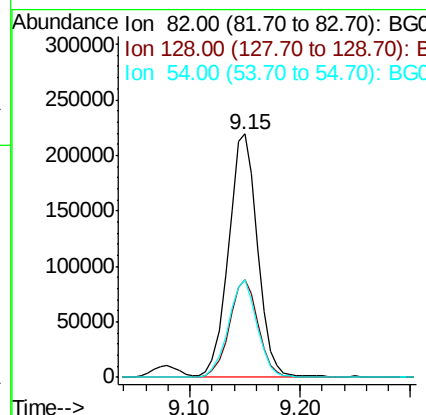
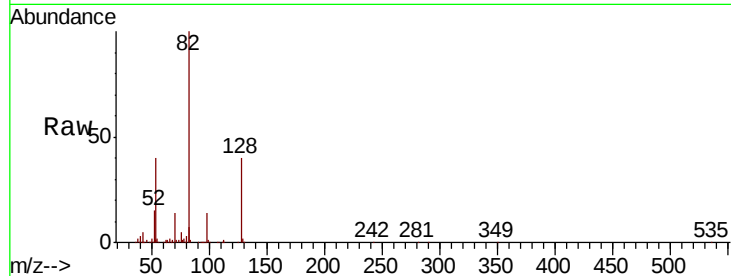
#23
Nitrobenzene-d5
Concen: 75.179 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.0	49.4
54	40.2	30.4	45.6

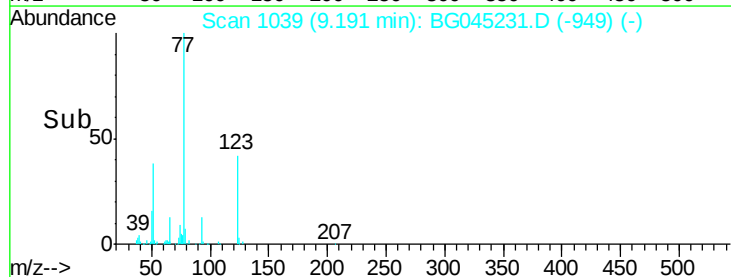
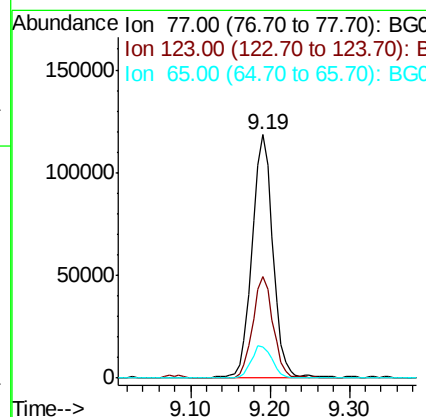
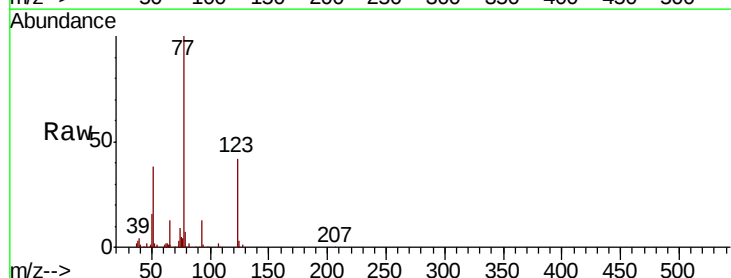
Manual Integrations
APPROVED

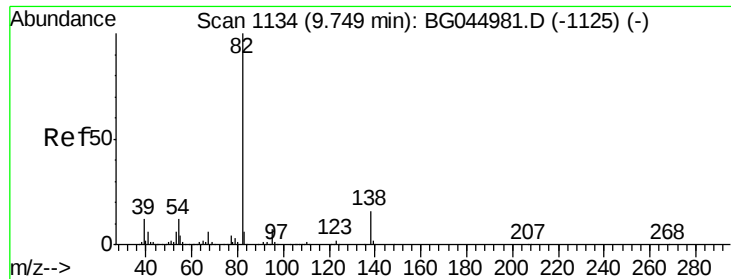
mohammad
5/6/2020 6:45:10 PM



#24
Nitrobenzene
Concen: 39.989 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	34.3	51.5
65	12.8	8.9	13.3





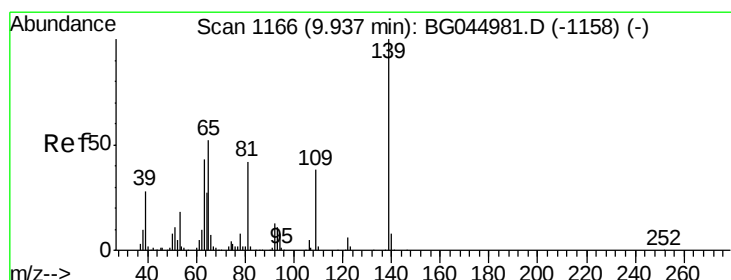
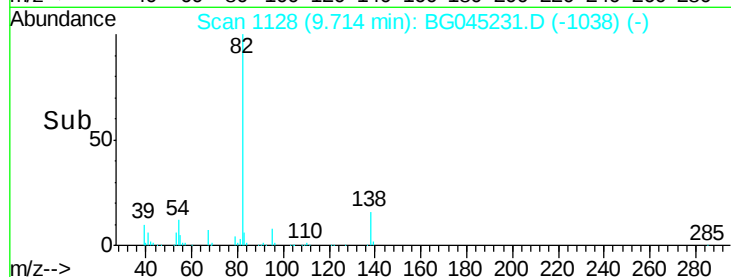
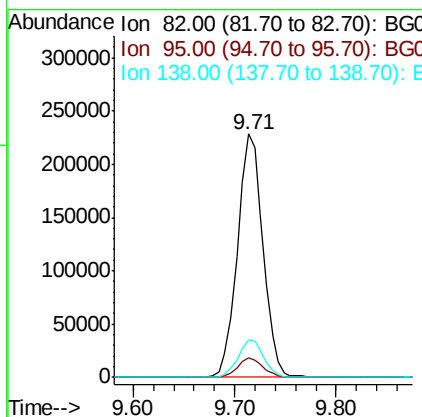
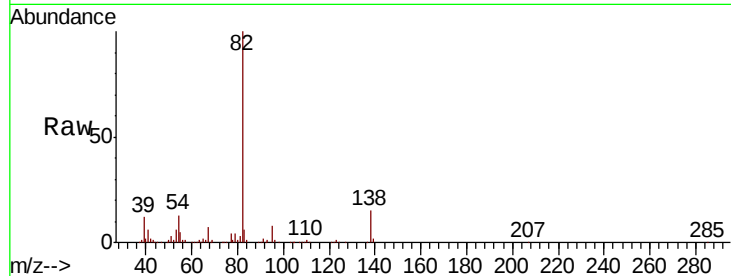
#25
Isophorone
Concen: 36.591 ng
RT: 9.71 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	398790		
95	7.9	6.0	9.0	
138	15.2	12.7	19.1	

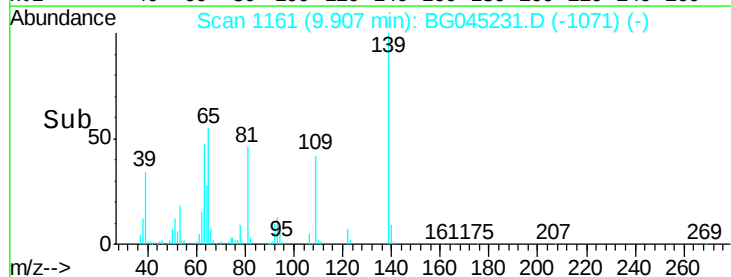
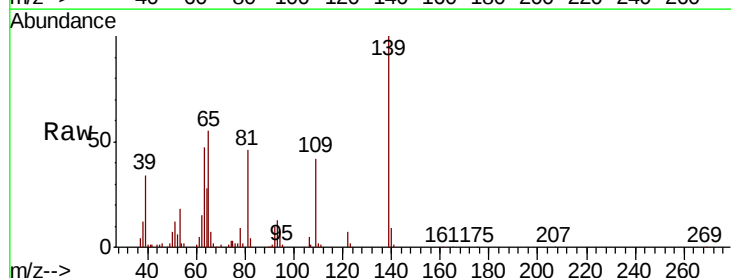
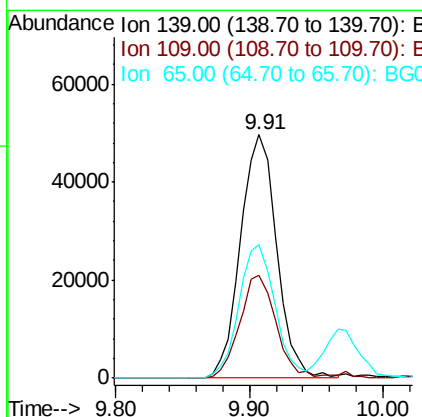
Manual Integrations
APPROVED

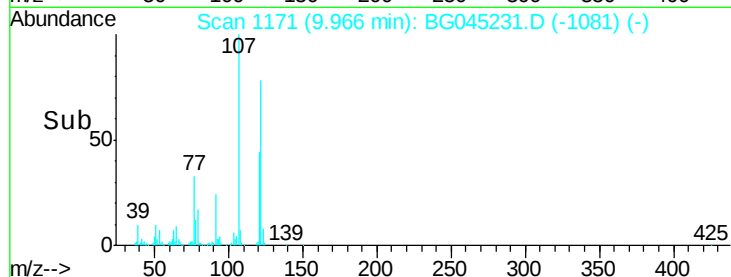
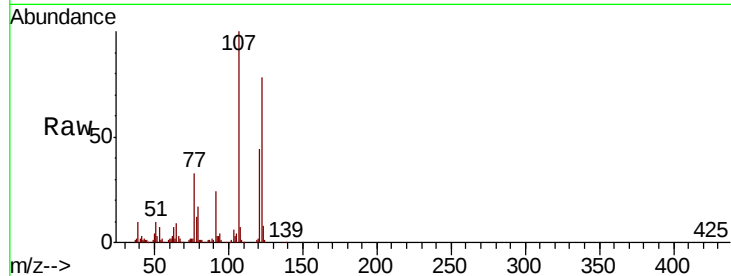
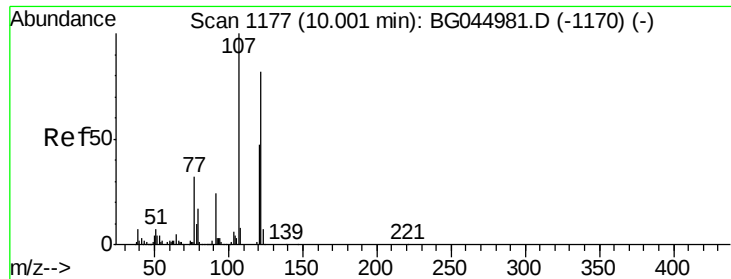
mohammad
5/6/2020 6:45:10 PM



#26
2-Nitrophenol
Concen: 39.641 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	93148		
109	42.3	30.6	45.8	
65	54.8	41.8	62.6	





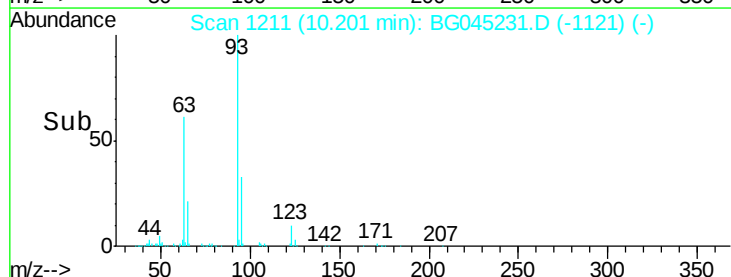
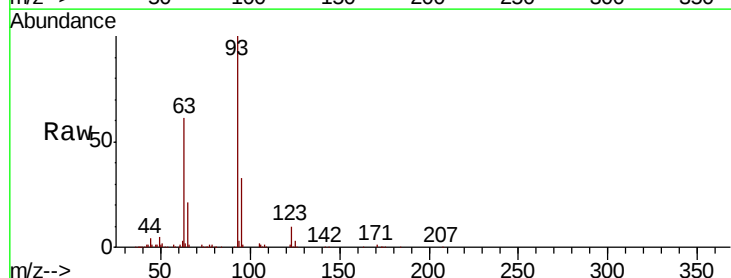
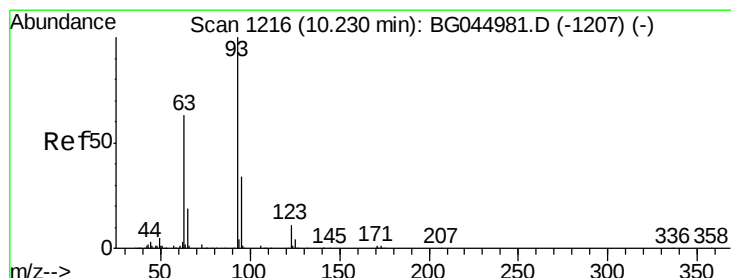
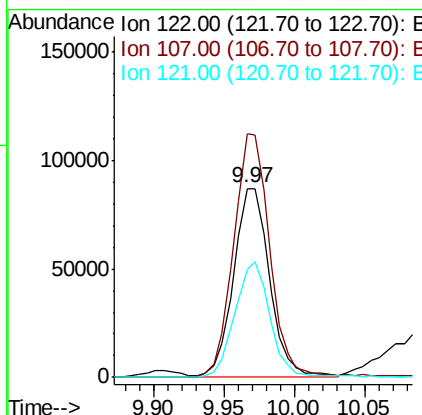
#27
2,4-Dimethylphenol
Concen: 41.418 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tot Ion	Ratio	Resp	Lower	Upper
122	100	154427		
107	128.7	96.8	145.2	
121	56.8	45.6	68.4	

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

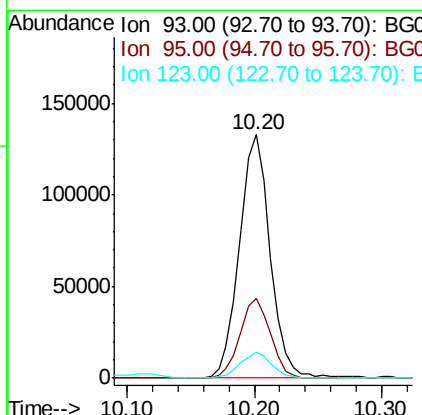
Manual Integrations
APPROVED

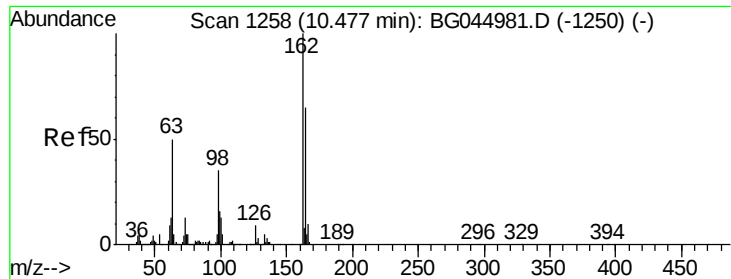
mohammad
5/6/2020 6:45:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.901 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	222758		
95	32.6	27.0	40.4	
123	10.5	8.7	13.1	





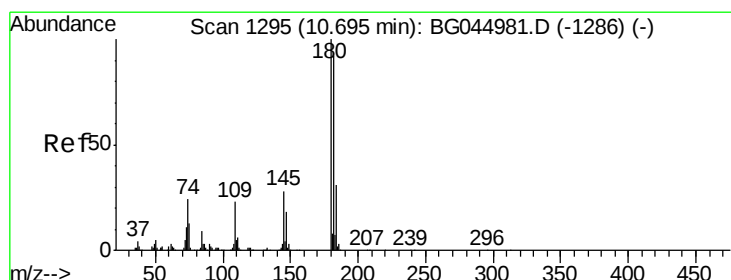
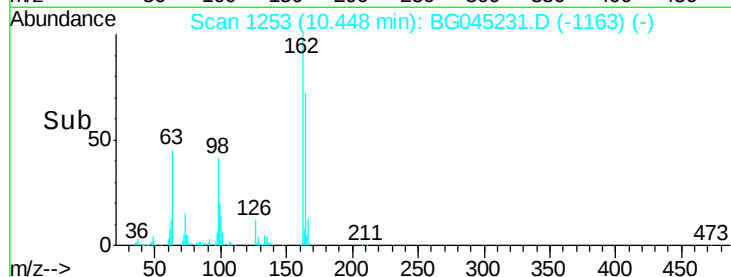
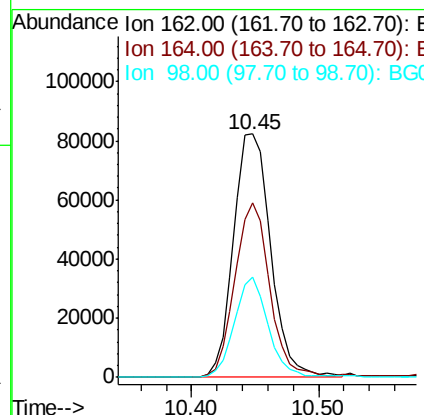
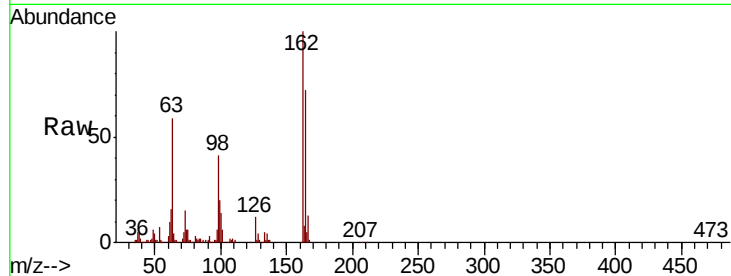
#29
 2,4-Dichlorophenol
 Concen: 38.886 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	167411		
164	71.5	45.0	85.0	
98	41.3	15.2	55.2	

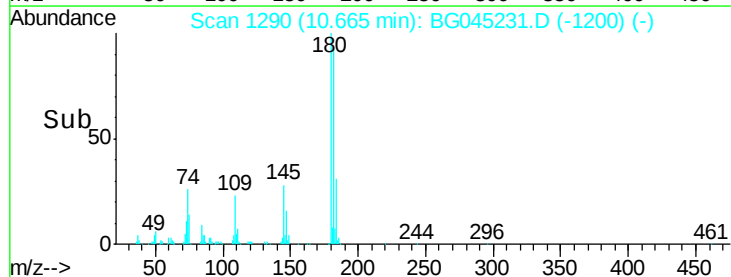
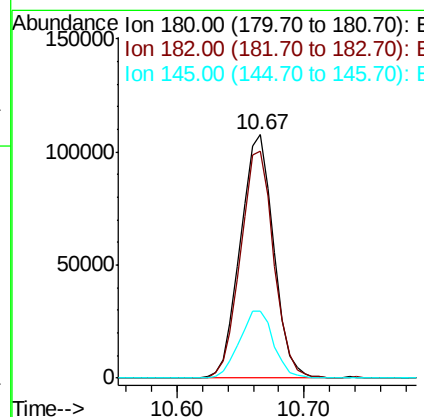
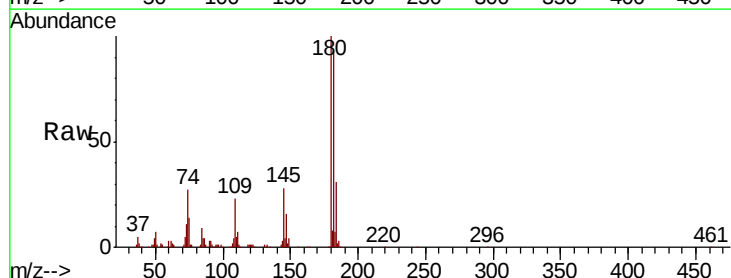
Manual Integrations
 APPROVED

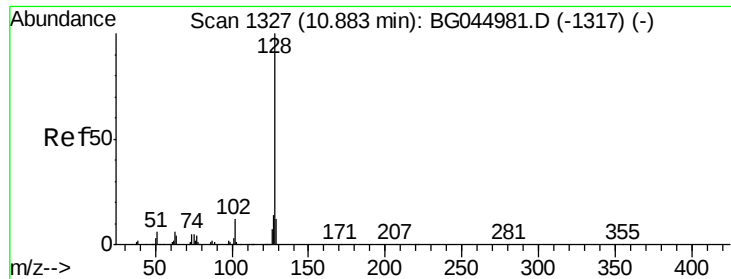
mohammad
 5/6/2020 6:45:10 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.351 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	196686		
182	93.2	73.3	109.9	
145	27.7	22.6	33.8	





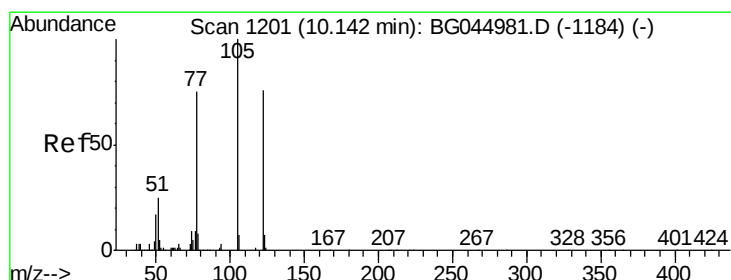
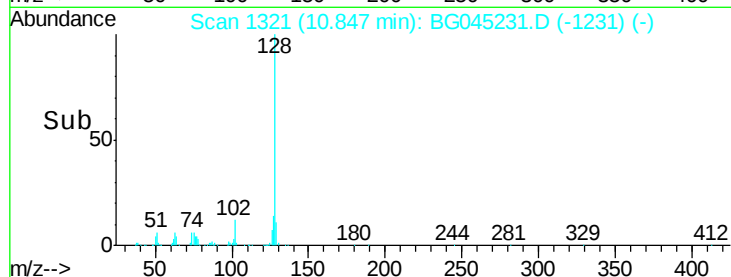
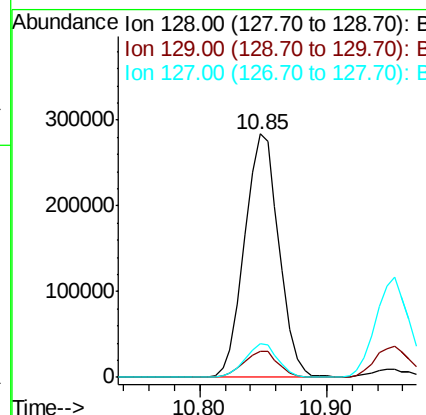
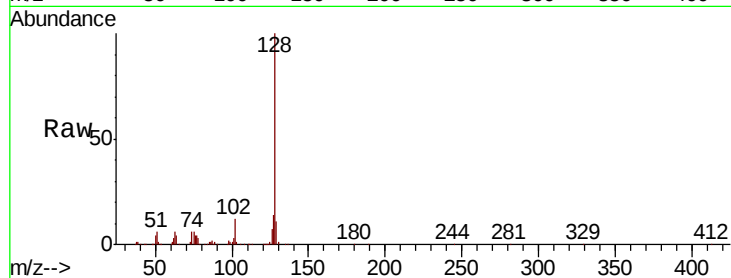
#31
Naphthalene
Concen: 40.133 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.6	10.8	16.2

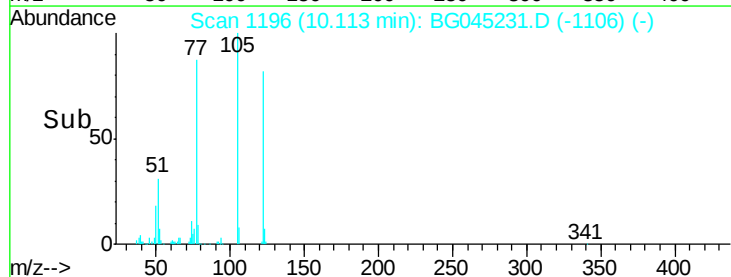
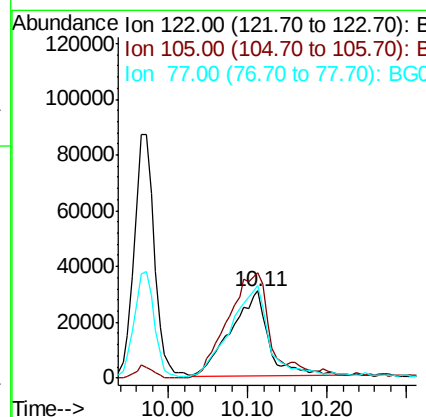
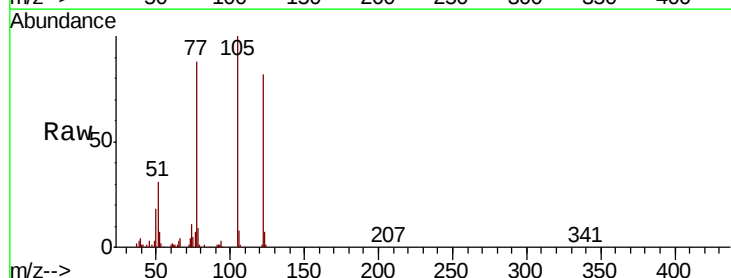
Manual Integrations
APPROVED

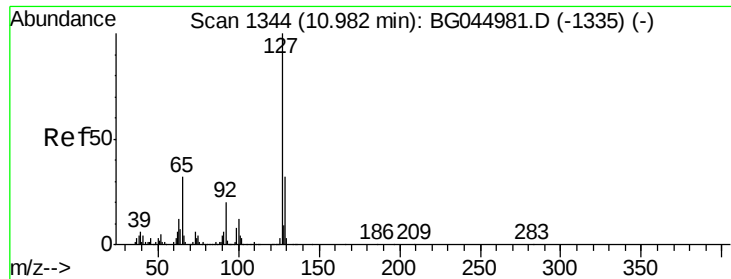
mohammad
5/6/2020 6:45:10 PM



#32
Benzoic acid
Concen: 35.275 ng
RT: 10.11 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	108.4	148.4
77	106.5	78.8	118.8





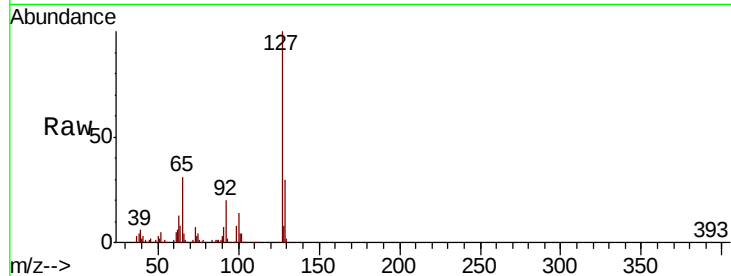
#33
4-Chloroaniline
Concen: 36.353 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

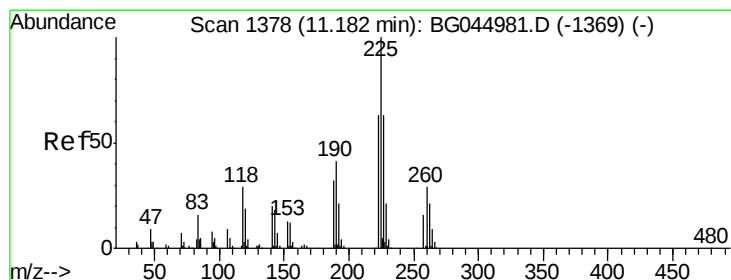
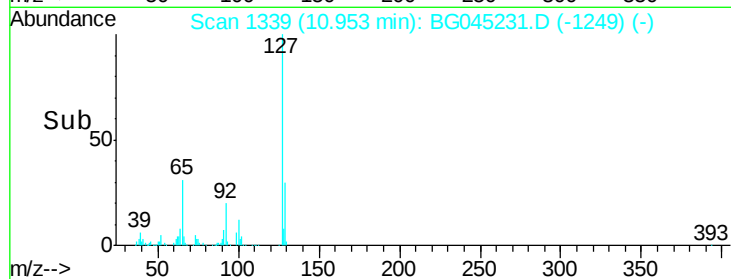
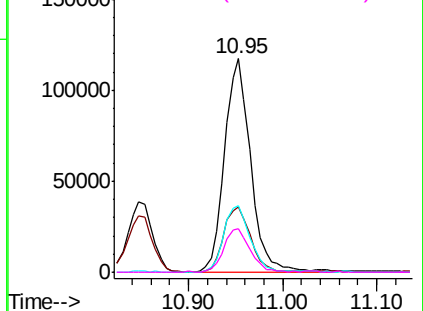
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		225220		
129	30.5	25.7	38.5		
65	31.2	25.4	38.2		
92	20.4	16.1	24.1		

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM

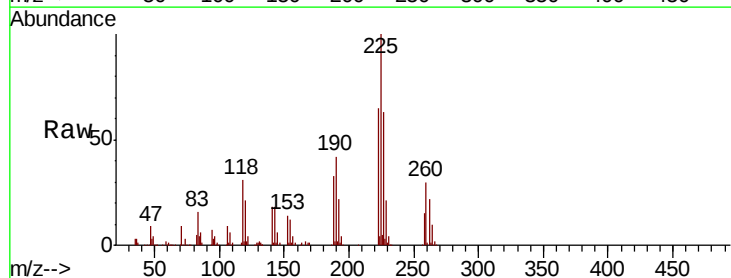


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

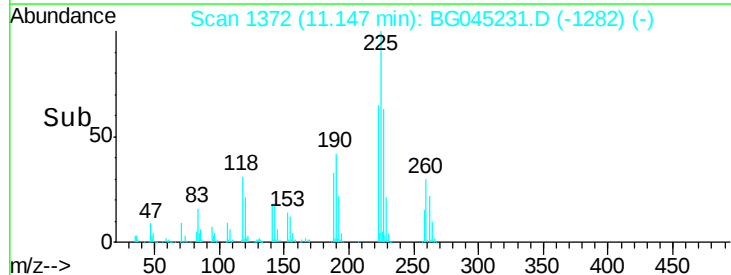
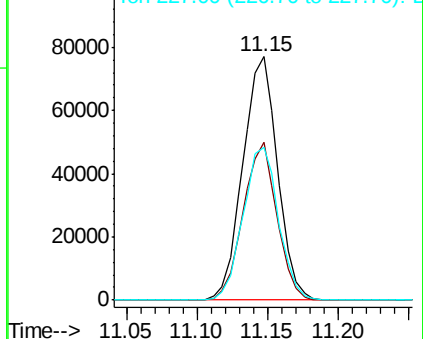


#34
Hexachlorobutadiene
Concen: 39.552 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		132181		
223	64.6	50.7	76.1		
227	62.7	50.2	75.2		



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: 36.488 ng

RT: 11.72 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Instrument :

BNA_G

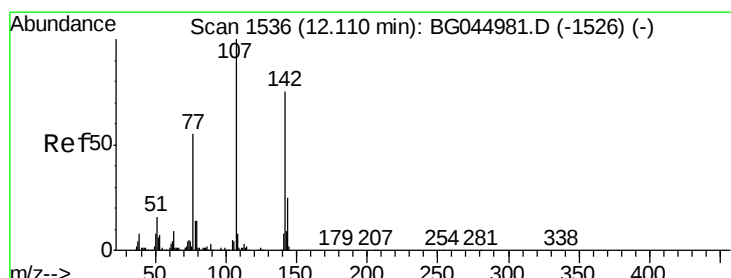
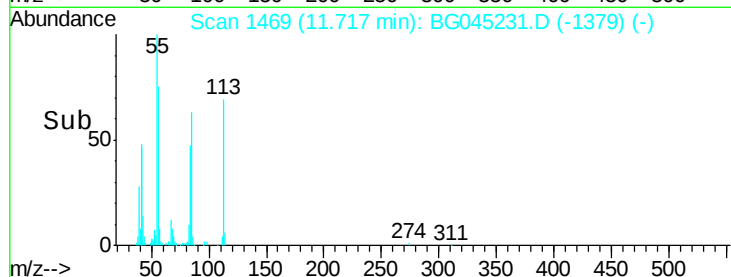
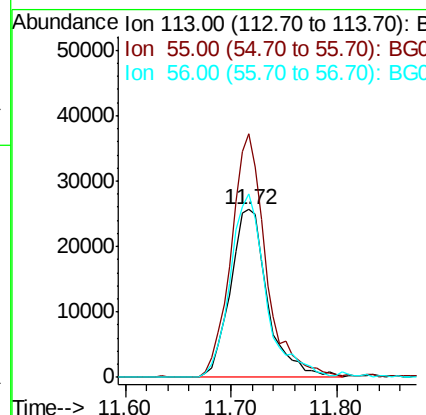
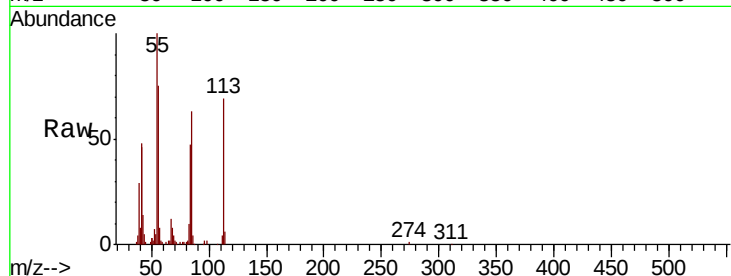
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	62520
Ion	Ratio	Lower	Upper
113	100		
55	145.0	118.8	158.8
56	108.9	82.6	122.6

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM



#36

4-Chloro-3-methylphenol

Concen: 40.889 ng

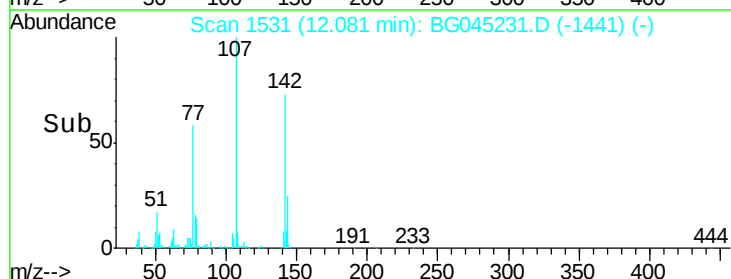
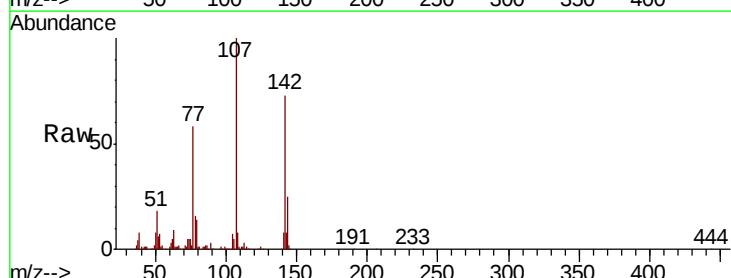
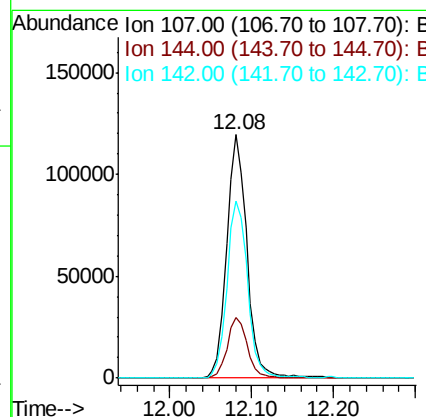
RT: 12.08 min Scan# 1531

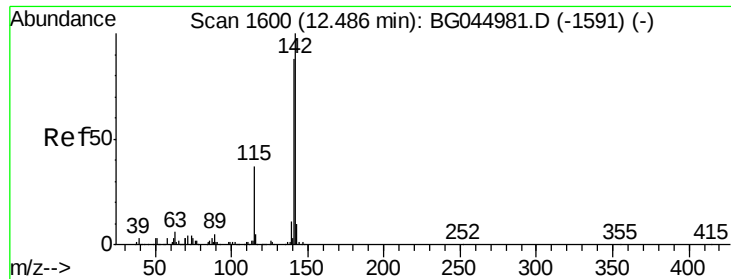
Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Tgt Ion:	107	Resp:	206796
Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.8	29.6
142	72.9	59.7	89.5





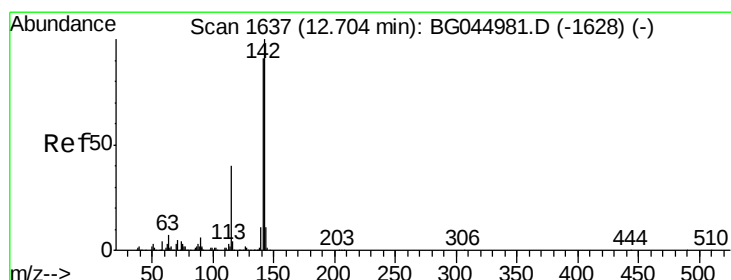
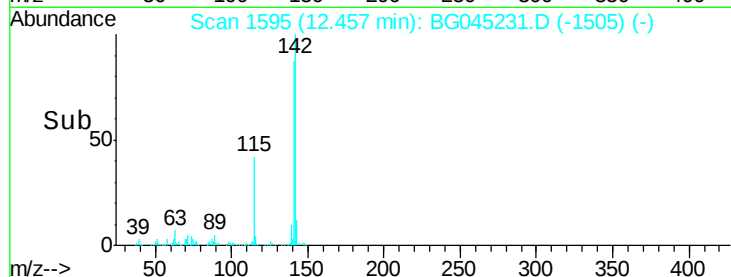
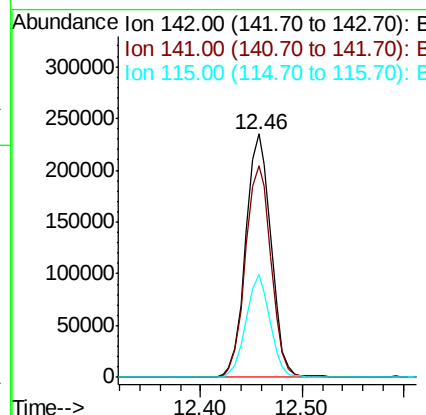
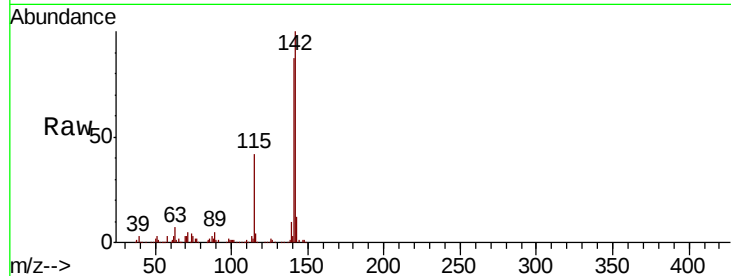
#37
2-Methylnaphthalene
Concen: 39.638 ng
RT: 12.46 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.3	105.5
115	42.1	29.8	44.6

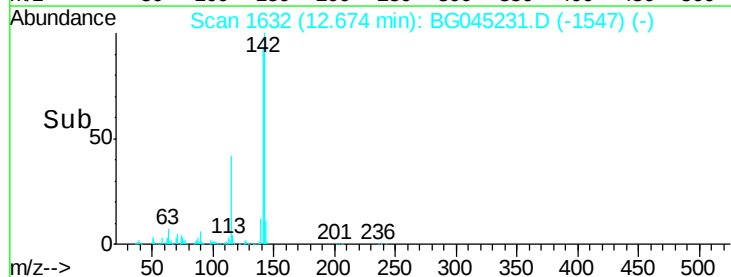
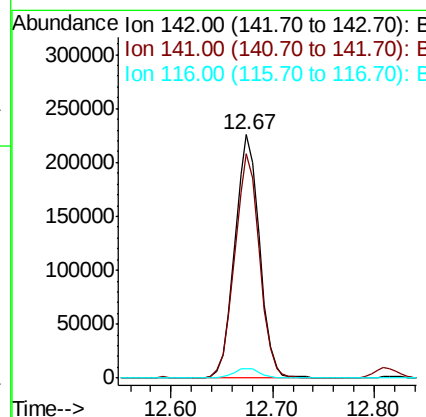
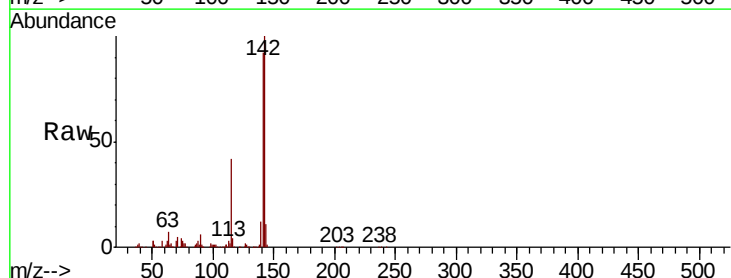
Manual Integrations
APPROVED

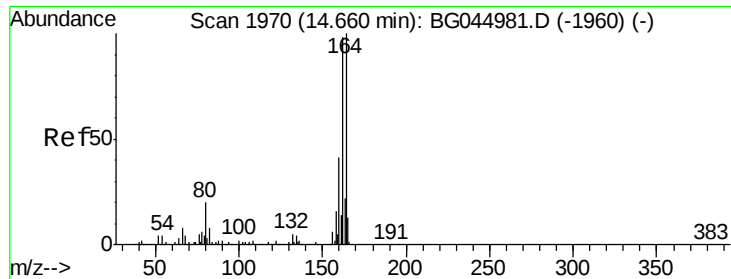
mohammad
5/6/2020 6:45:10 PM



#38
1-Methylnaphthalene
Concen: 38.886 ng
RT: 12.67 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.7	109.1
116	4.0	3.1	4.7





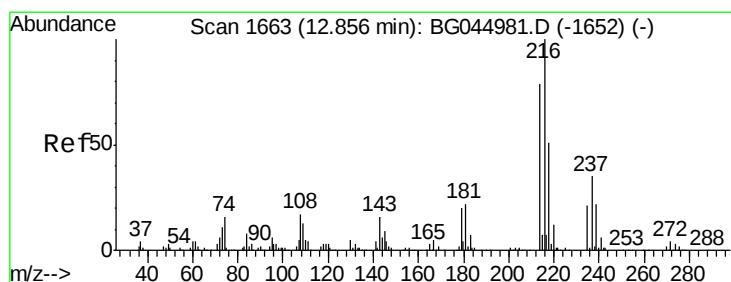
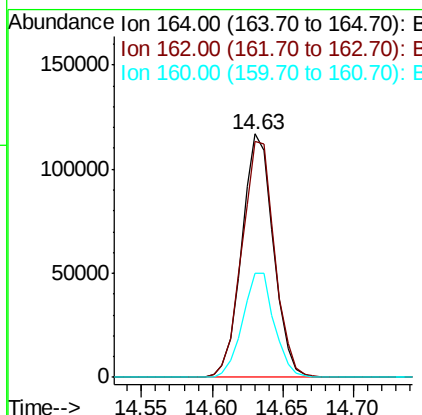
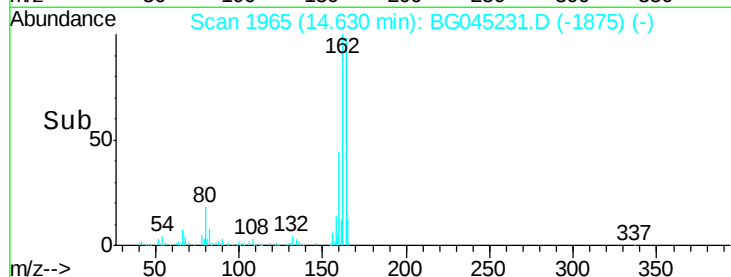
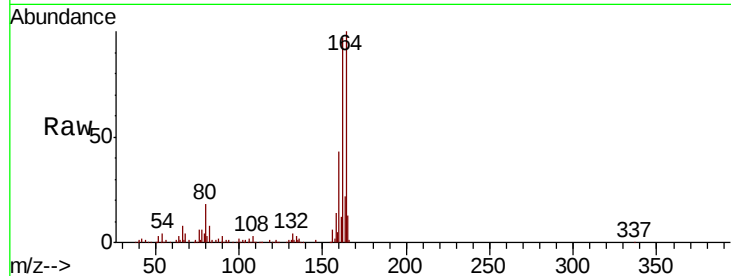
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.8	78.7	118.1
160	42.8	32.8	49.2

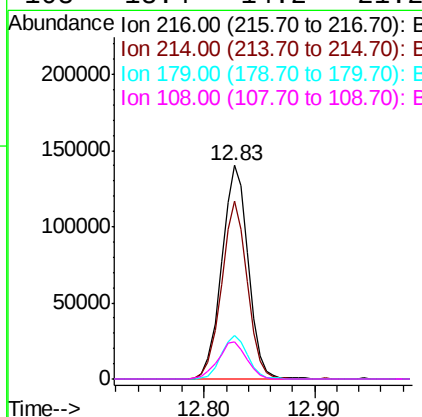
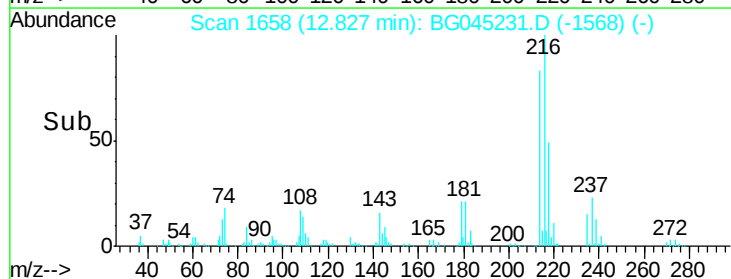
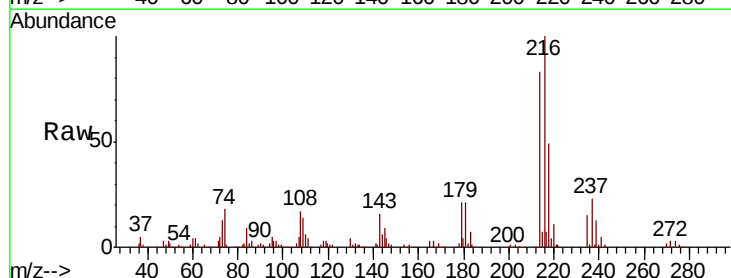
Manual Integrations
APPROVED

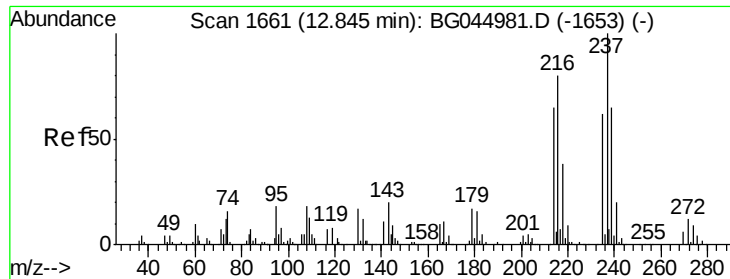
mohammad
5/6/2020 6:45:10 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.641 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.1	63.0	94.6
179	20.2	15.8	23.8
108	18.4	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 37.337 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Instrument :

BNA_G

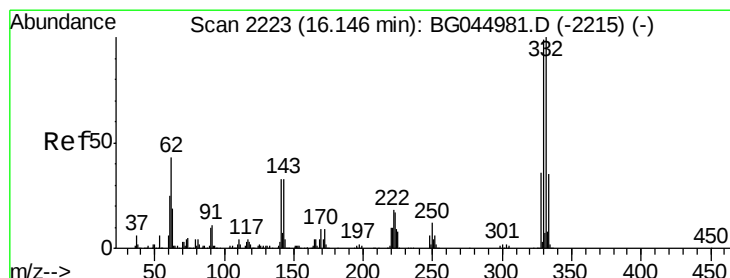
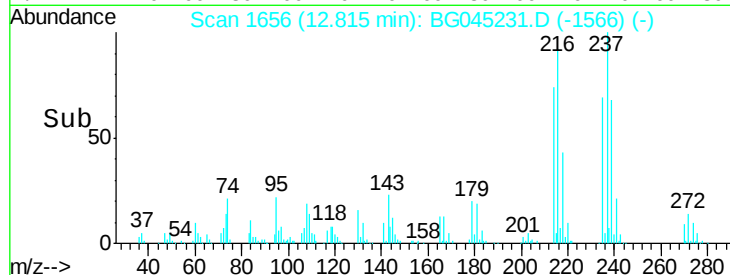
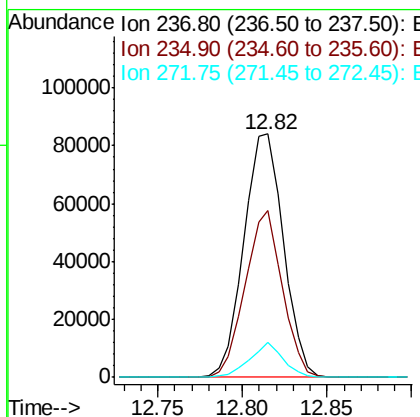
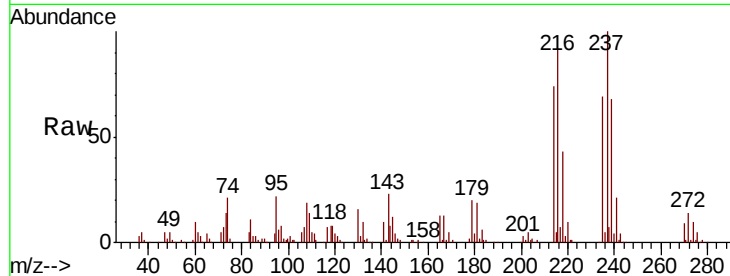
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	137357
Ion Ratio	Lower	Upper	
237	100		
235	68.6	41.6	81.6
272	14.3	0.0	32.1

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM



#42

2,4,6-Tribromophenol

Concen: 73.574 ng

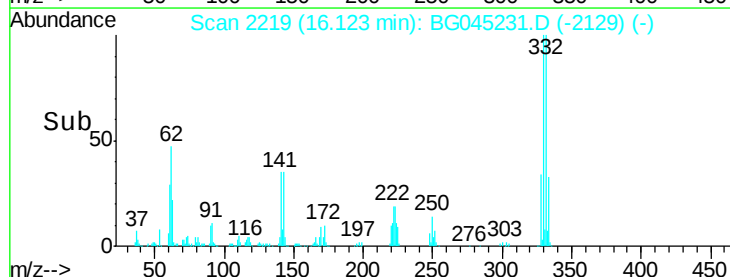
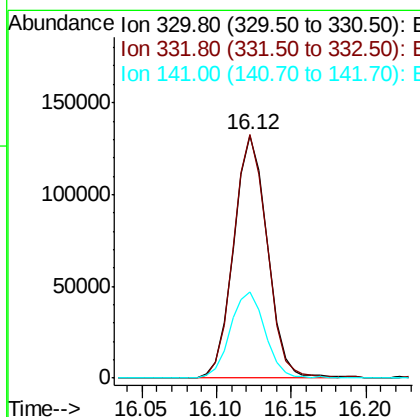
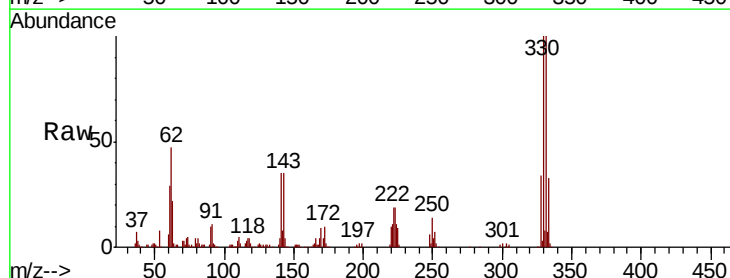
RT: 16.12 min Scan# 2219

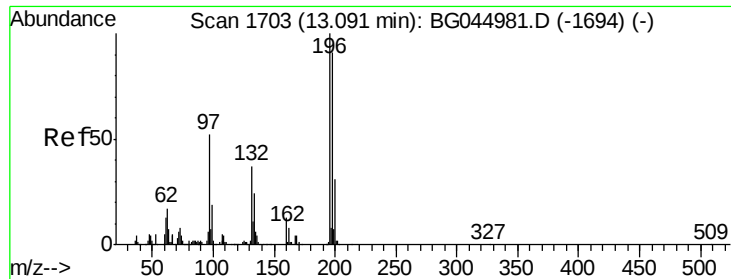
Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Tgt Ion:	330	Resp:	207784
Ion Ratio	Lower	Upper	
330	100		
332	99.5	79.1	118.7
141	36.9	27.1	40.7





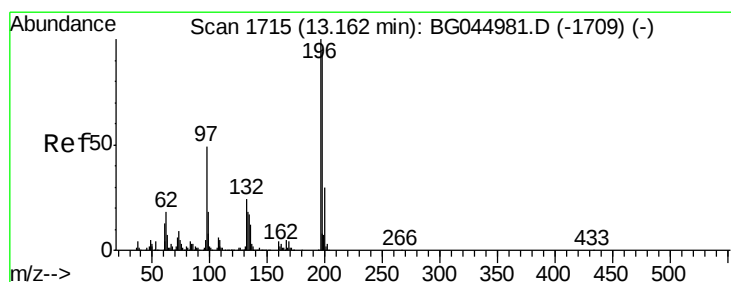
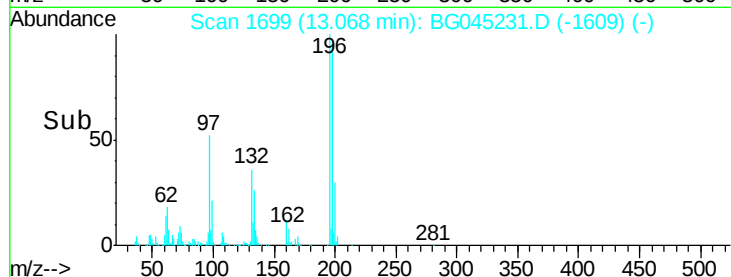
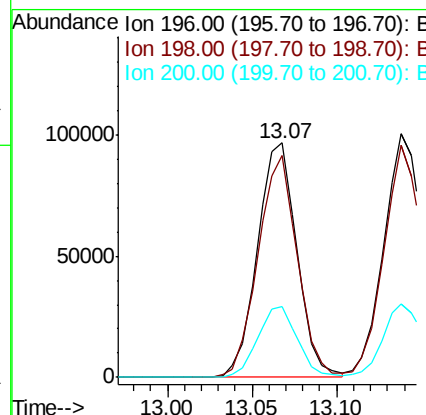
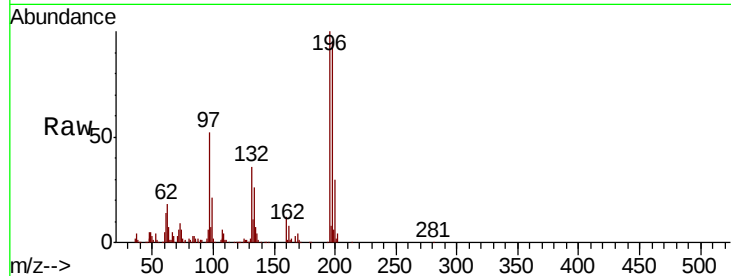
#43
 2,4,6-Trichlorophenol
 Concen: 37.718 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Instrument :
 BNA_G
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	156684		
198	94.7	72.5	108.7	
200	30.2	24.5	36.7	

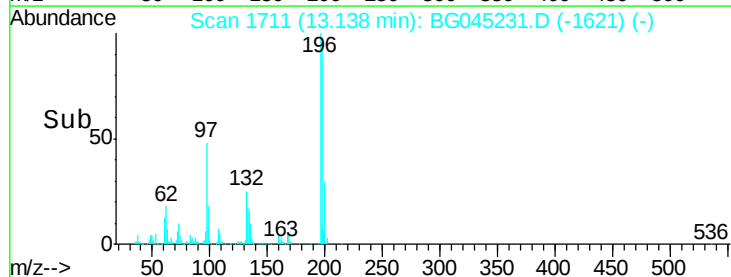
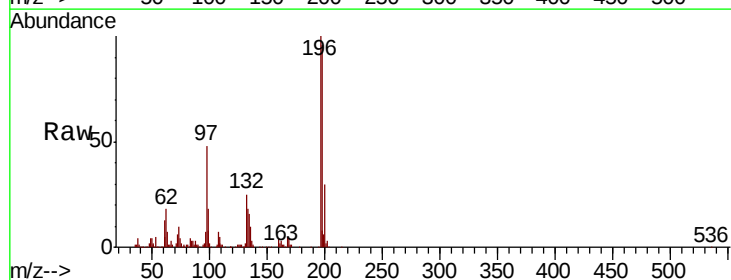
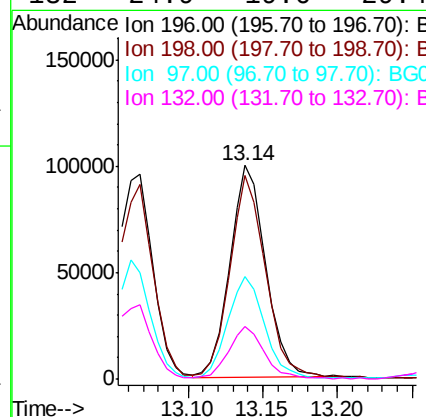
Manual Integrations
 APPROVED

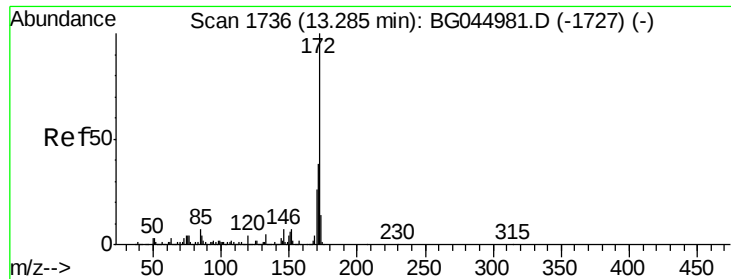
mohammad
 5/6/2020 6:45:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 35.573 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168203		
198	95.5	75.7	113.5	
97	48.1	39.6	59.4	
132	24.9	19.6	29.4	





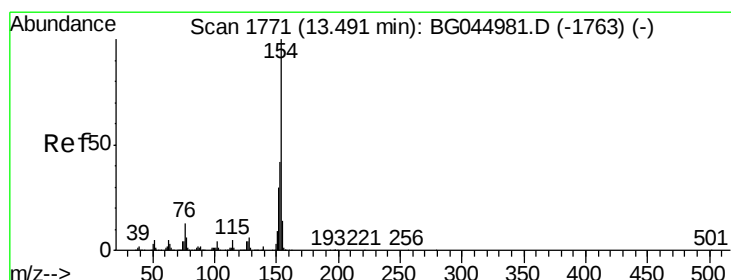
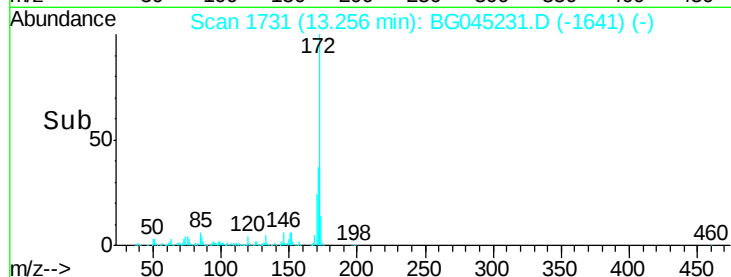
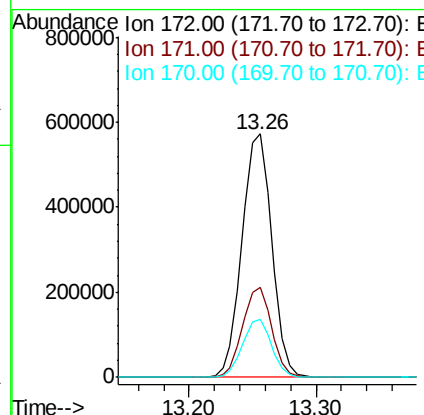
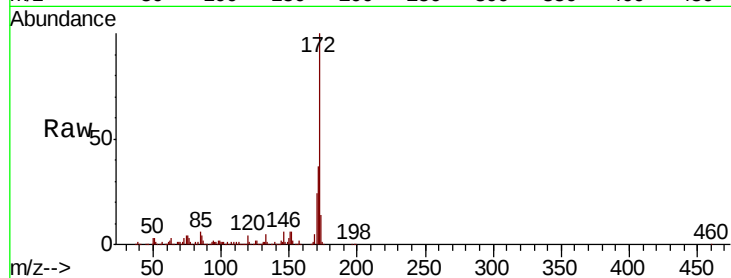
#45
2-Fluorobiphenyl
Concen: 74.910 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	23.9	20.5	30.7

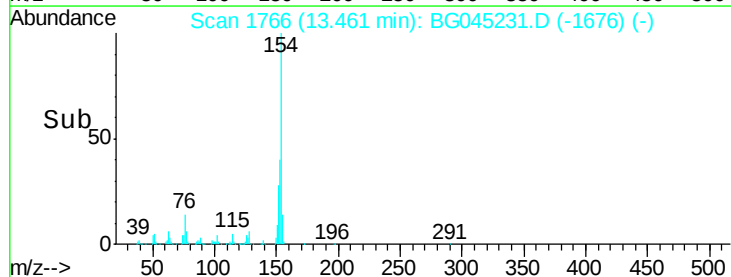
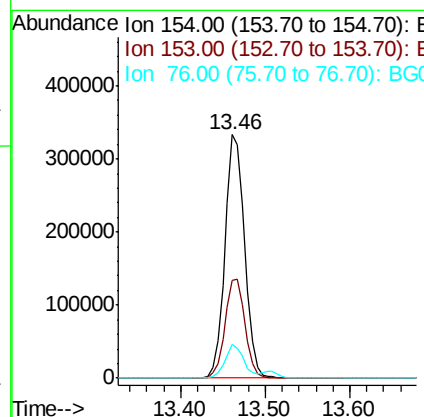
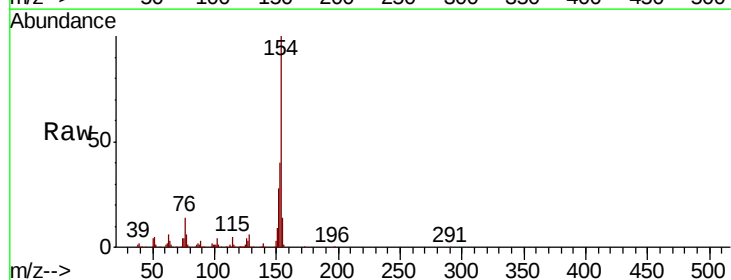
Manual Integrations
APPROVED

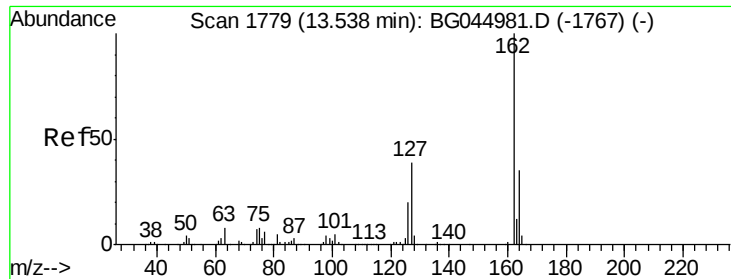
mohammad
5/6/2020 6:45:10 PM



#46
1,1'-Biphenyl
Concen: 38.623 ng
RT: 13.46 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.9	61.9
76	13.6	0.0	33.1





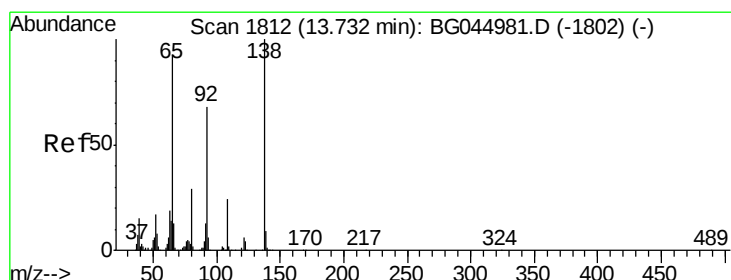
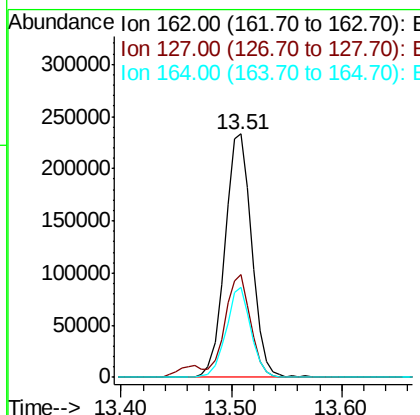
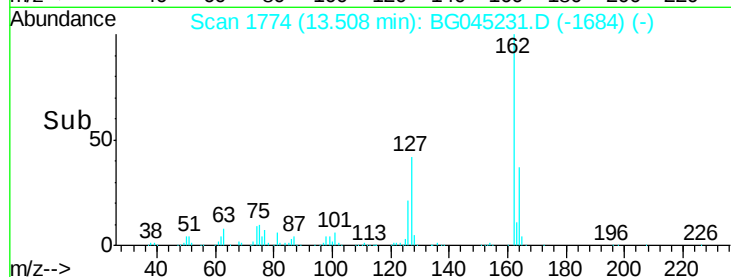
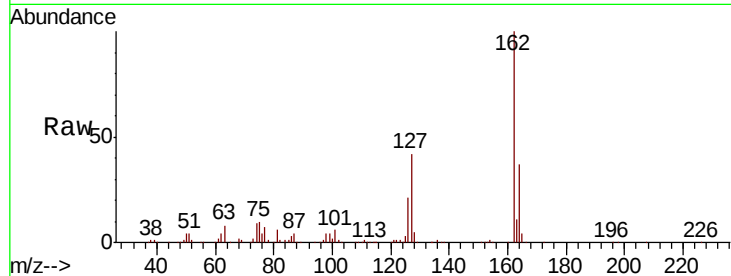
#47
2-Chloronaphthalene
Concen: 37.241 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	31.3	46.9
164	37.0	27.8	41.8

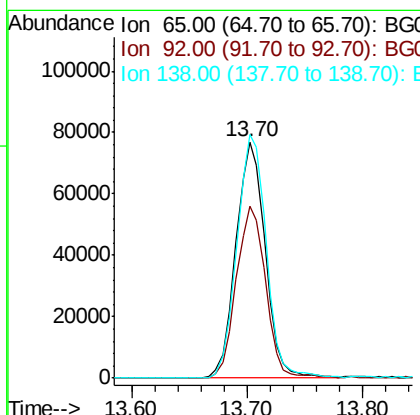
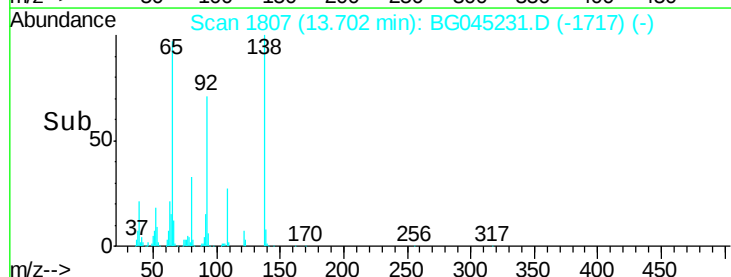
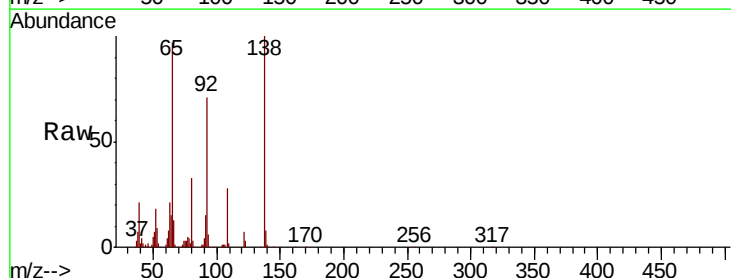
Manual Integrations
APPROVED

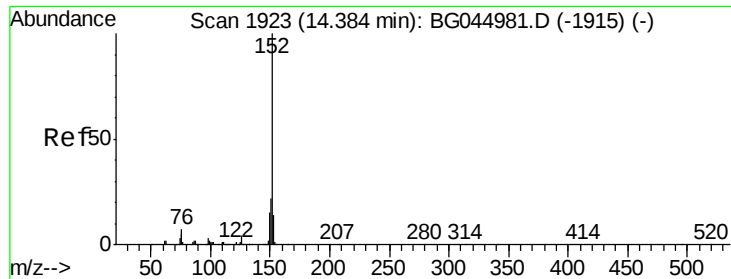
mohammad
5/6/2020 6:45:10 PM



#48
2-Nitroaniline
Concen: 38.761 ng
RT: 13.70 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	58.3	87.5
138	103.0	85.6	128.4





#49

Acenaphthylene

Concen: 38.310 ng

RT: 14.35 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Instrument :

BNA_G

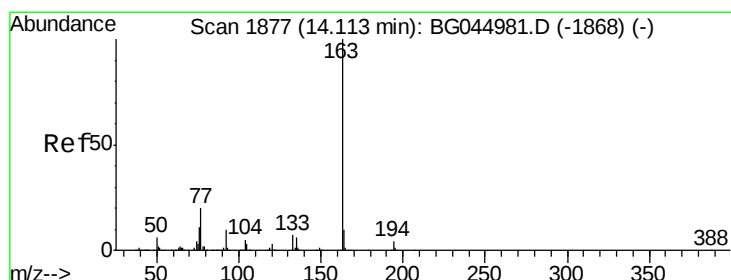
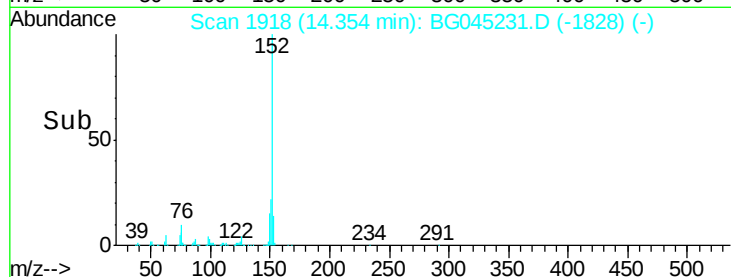
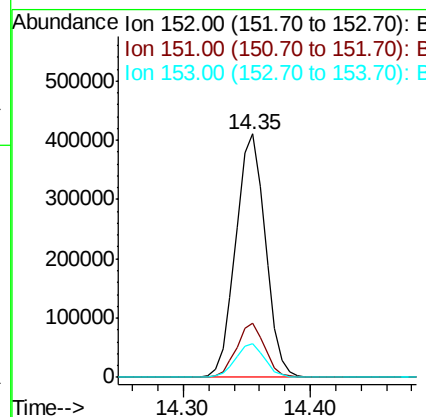
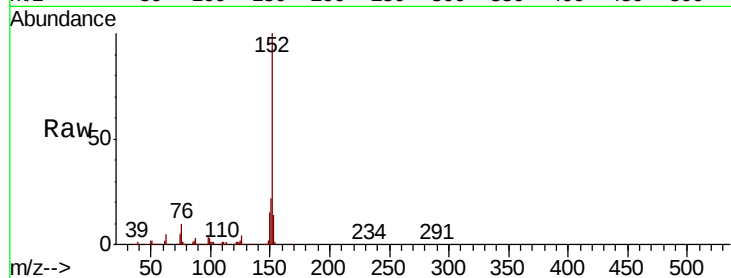
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	13.9	11.0	16.4

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM



#50

Dimethylphthalate

Concen: 37.230 ng

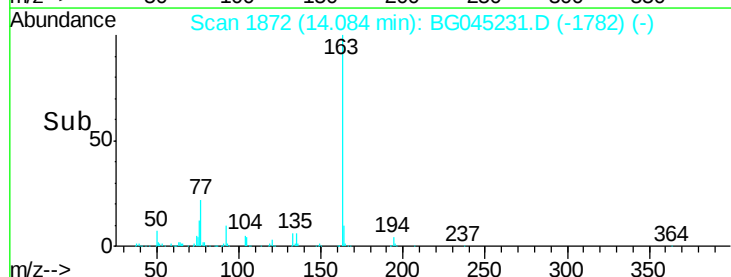
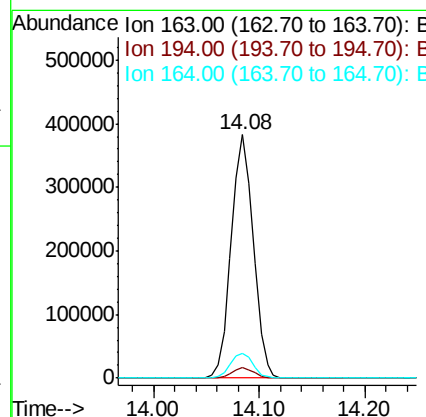
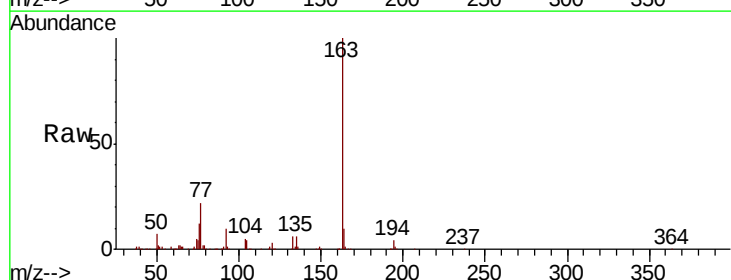
RT: 14.08 min Scan# 1872

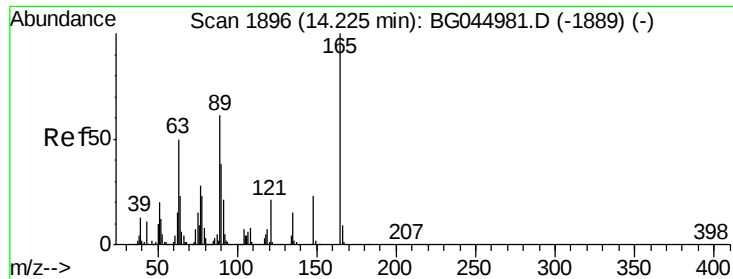
Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.2	8.2	12.4





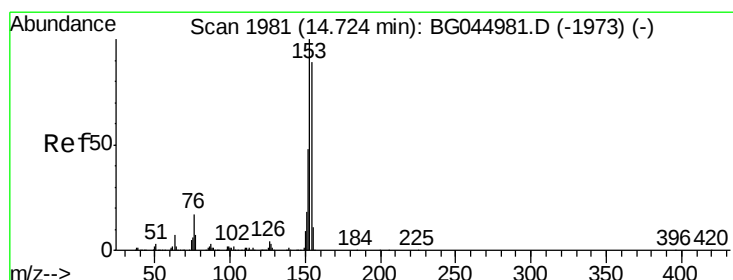
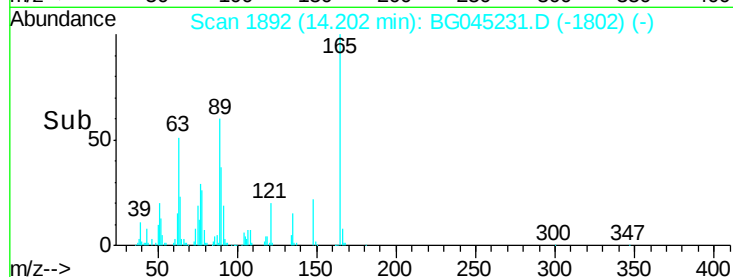
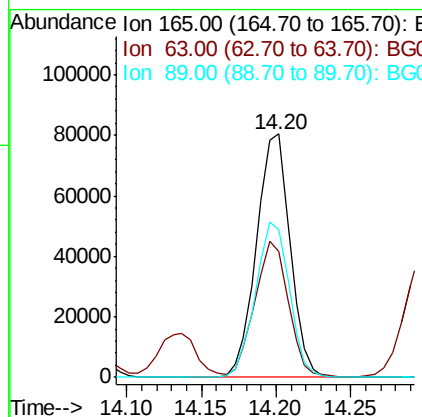
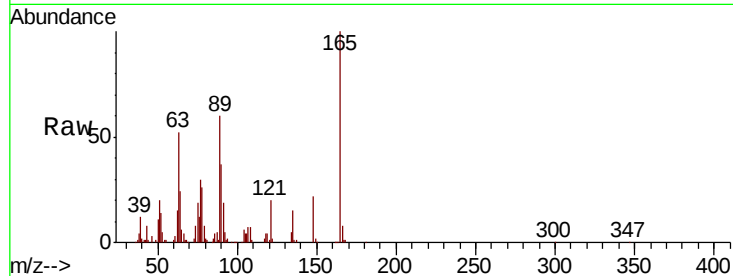
#51
 2,6-Dinitrotoluene
 Concen: 37.544 ng
 RT: 14.20 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.8	40.4	60.6
89	60.4	49.1	73.7

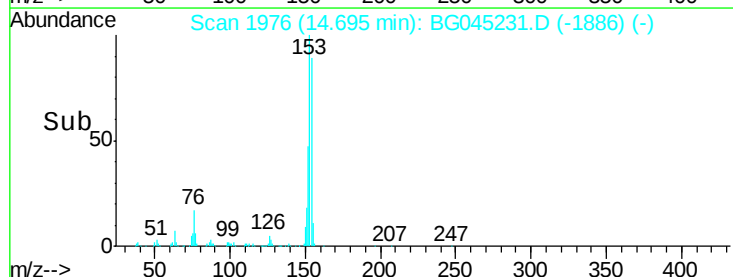
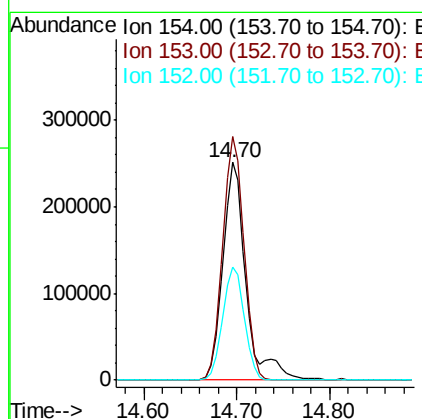
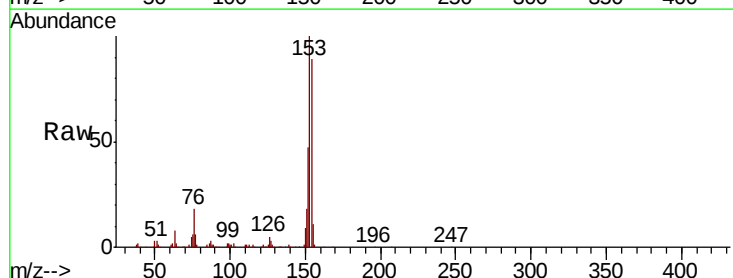
Manual Integrations
 APPROVED

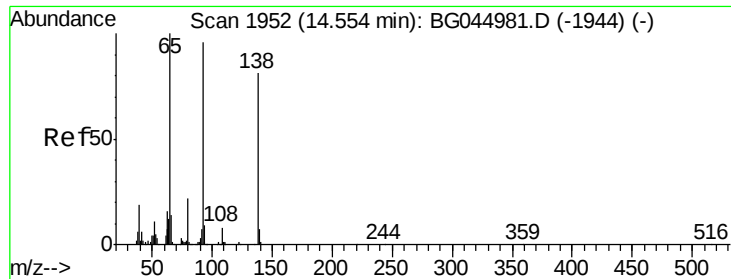
mohammad
 5/6/2020 6:45:10 PM



#52
 Acenaphthene
 Concen: 37.520 ng m
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.7	134.5
152	52.2	43.1	64.7





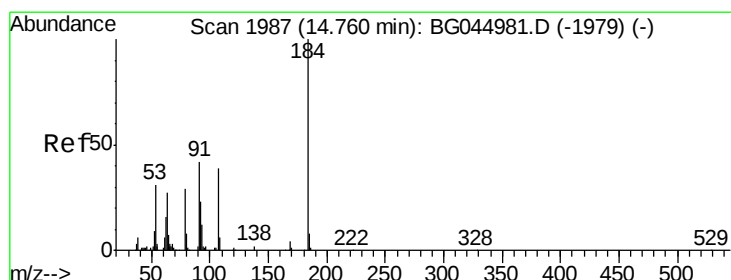
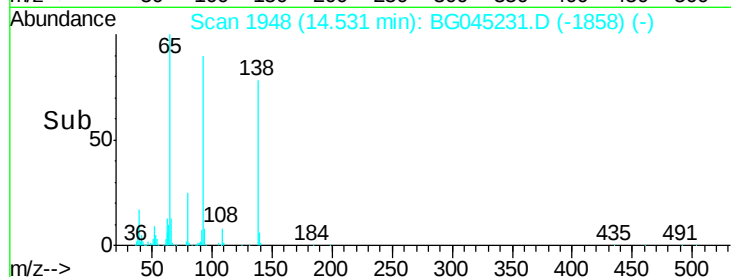
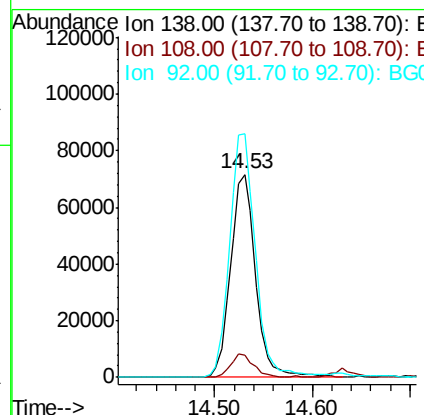
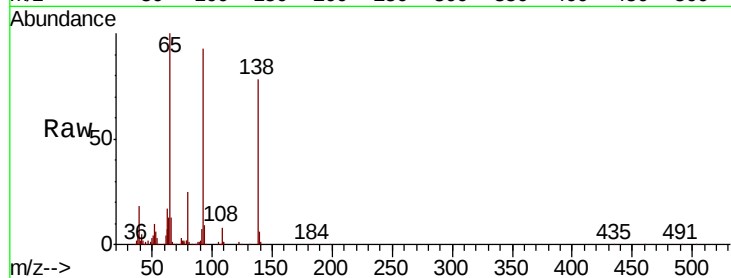
#53
3-Nitroaniline
Concen: 34.908 ng
RT: 14.53 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.8	11.8
92	120.1	94.5	141.7

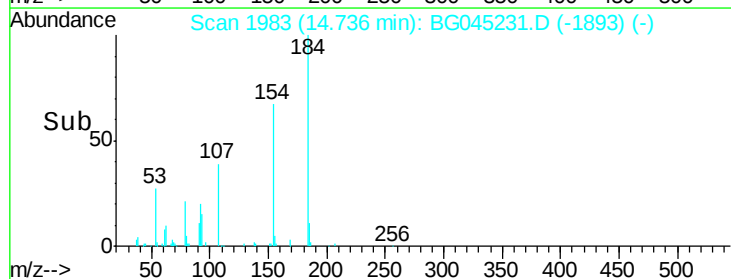
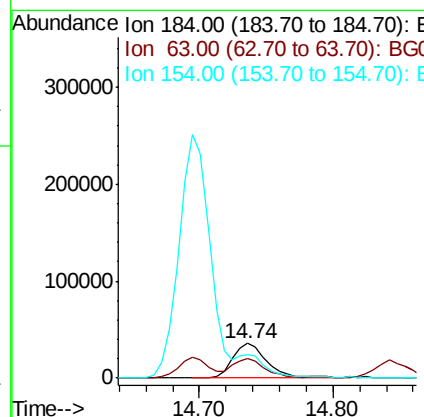
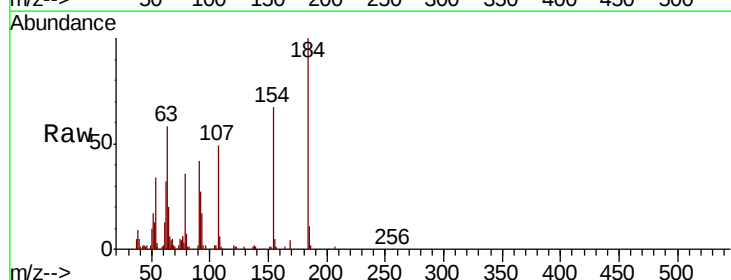
Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM



#54
2,4-Dinitrophenol
Concen: 32.899 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	41.5	62.3
154	67.5	52.3	78.5





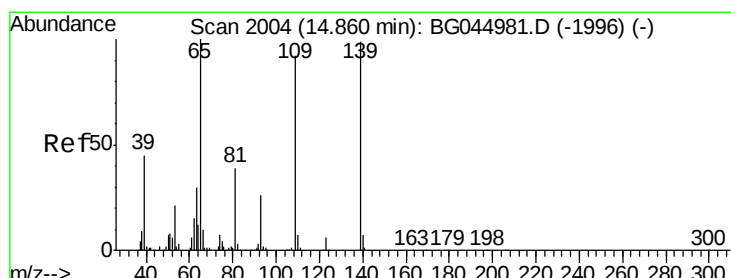
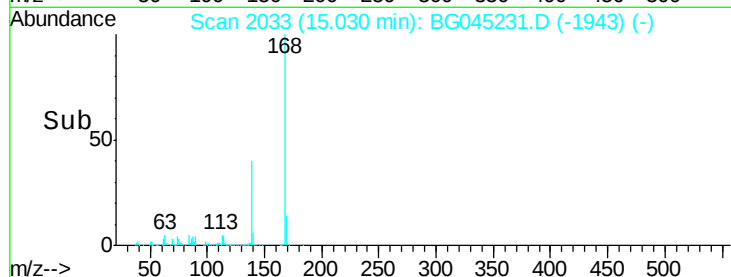
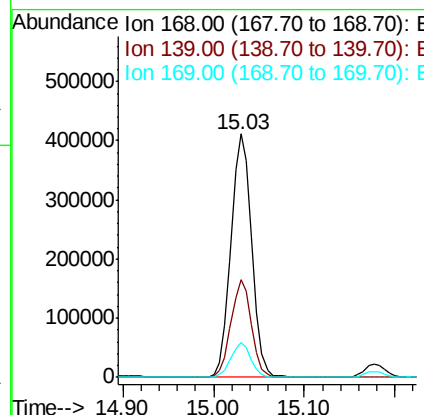
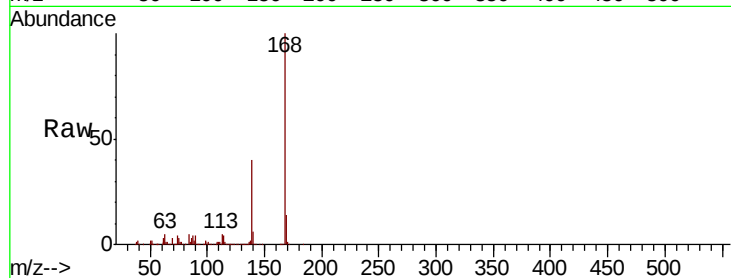
#55
Dibenzenofuran
Concen: 38.302 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.4	45.6
169	14.3	11.0	16.4

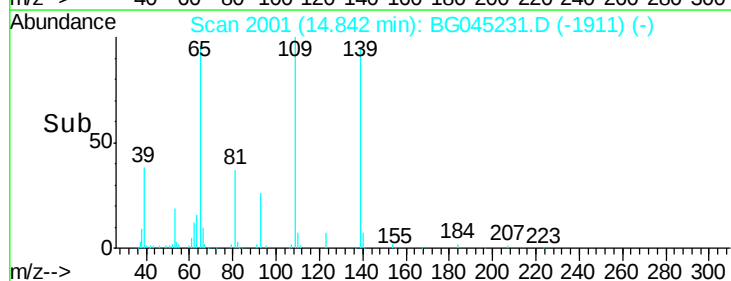
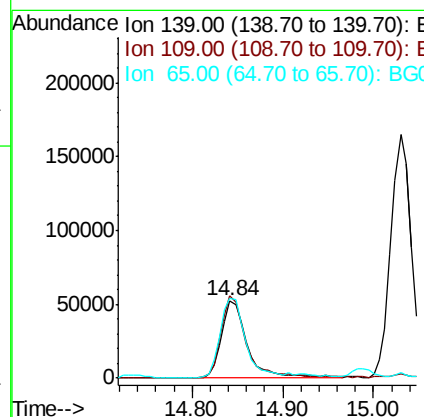
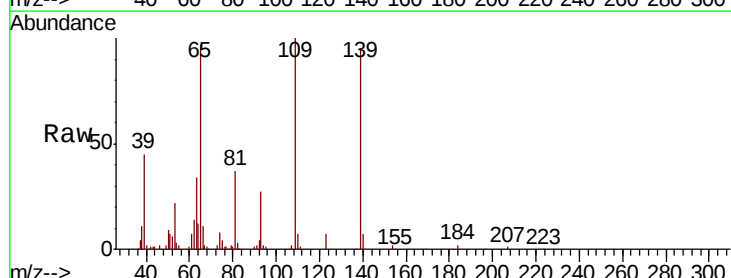
Manual Integrations
APPROVED

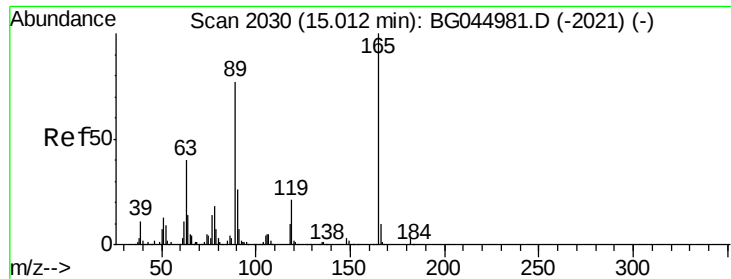
mohammad
5/6/2020 6:45:10 PM



#56
4-Nitrophenol
Concen: 37.039 ng
RT: 14.84 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.7	73.6	113.6
65	103.0	81.2	121.2





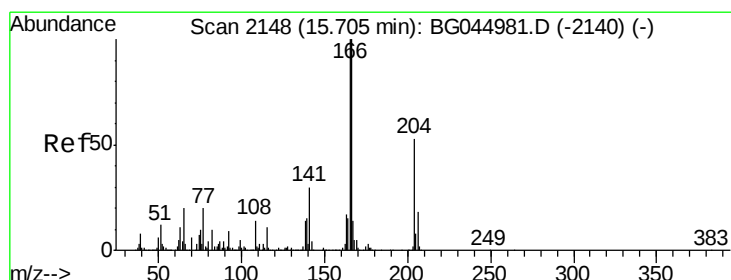
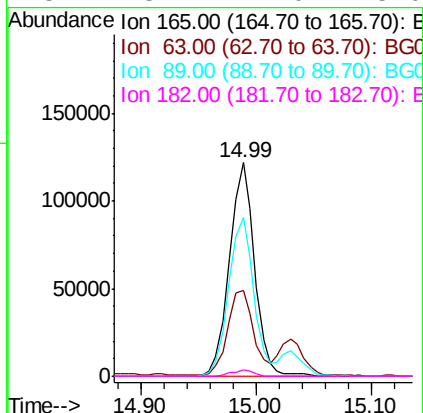
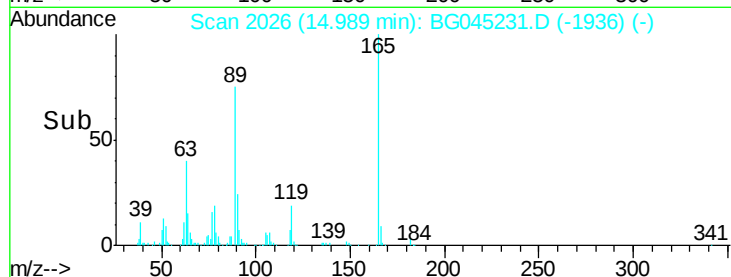
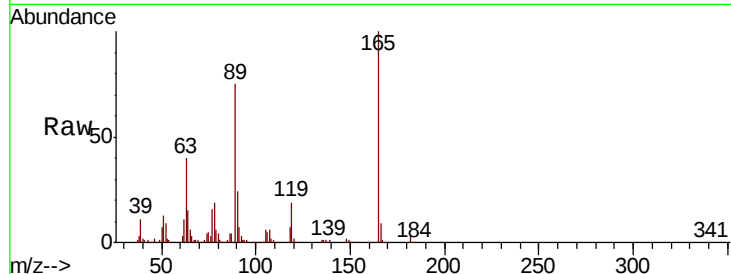
#57
 2,4-Dinitrotoluene
 Concen: 37.708 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	183470		
63	40.1		32.2	48.2
89	74.5		61.7	92.5
182	3.1		2.0	3.0#

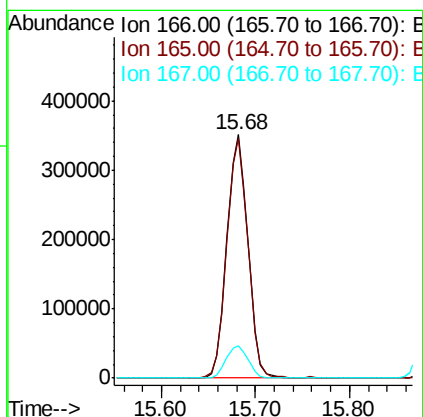
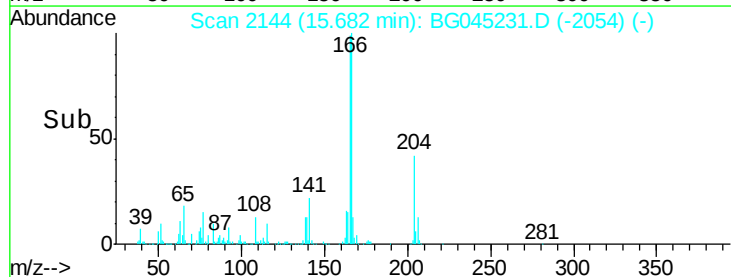
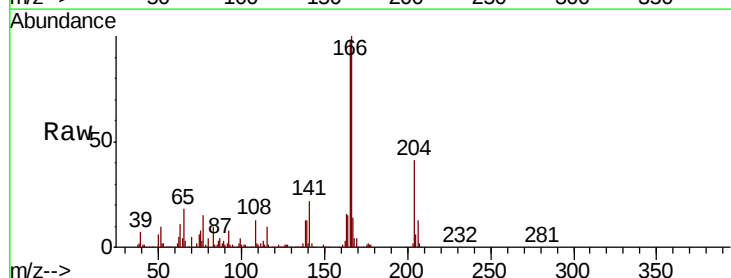
Manual Integrations
 APPROVED

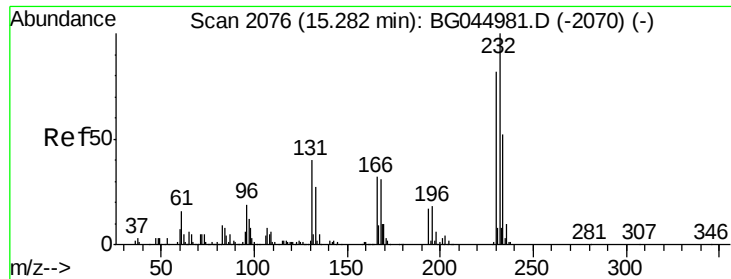
mohammad
 5/6/2020 6:45:10 PM



#58
 Fluorene
 Concen: 39.130 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	545236		
165	98.3		79.9	119.9
167	13.6		11.4	17.0





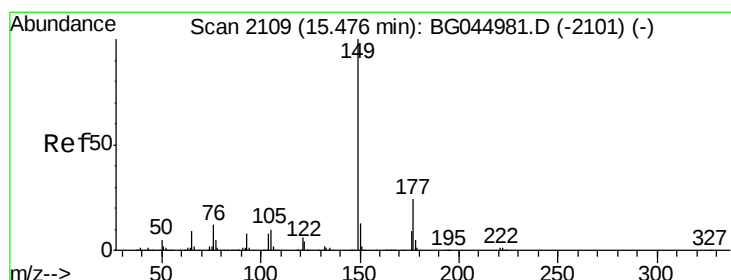
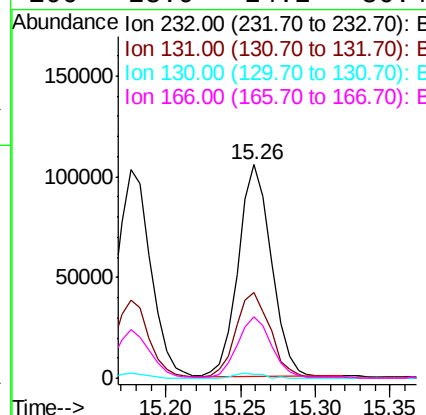
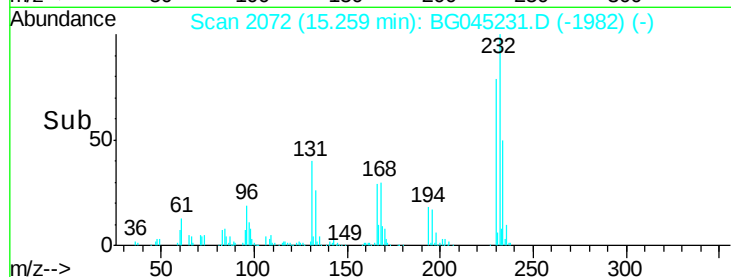
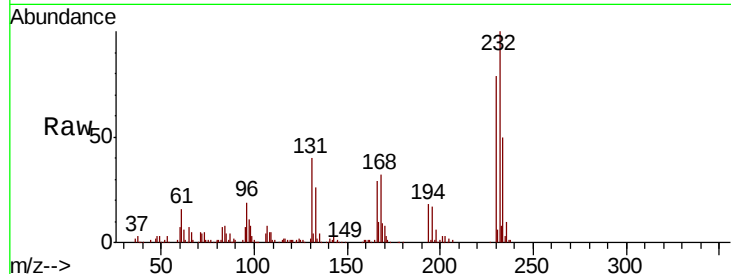
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.911 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	32.2	48.2
130	2.4	2.2	3.2
166	28.9	24.2	36.4

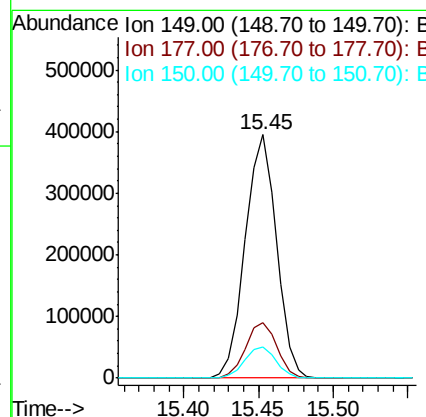
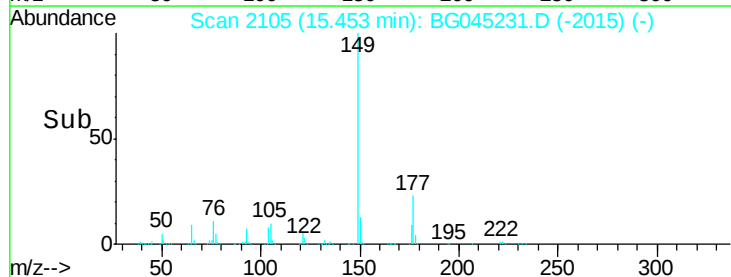
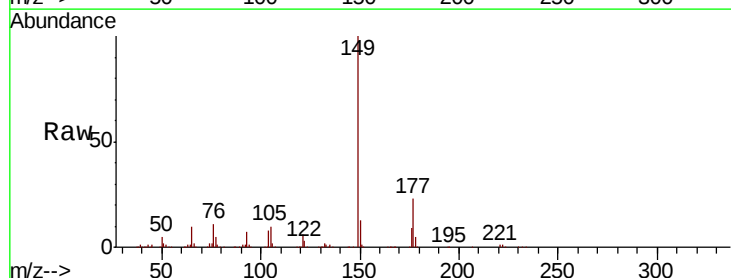
Manual Integrations
 APPROVED

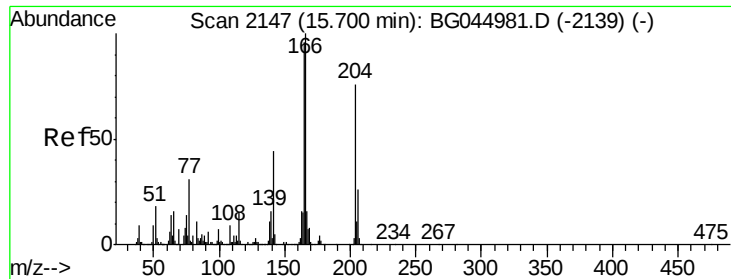
mohammad
 5/6/2020 6:45:10 PM



#60
 Diethylphthalate
 Concen: 36.886 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.9	28.3
150	12.8	10.6	15.8





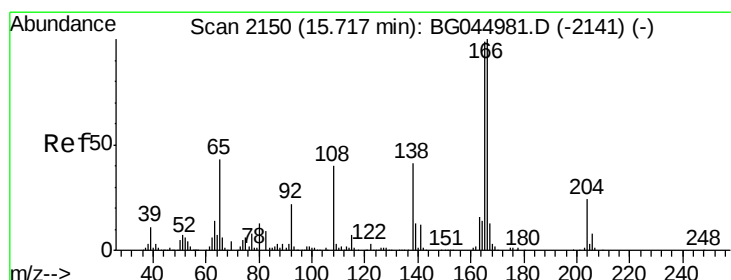
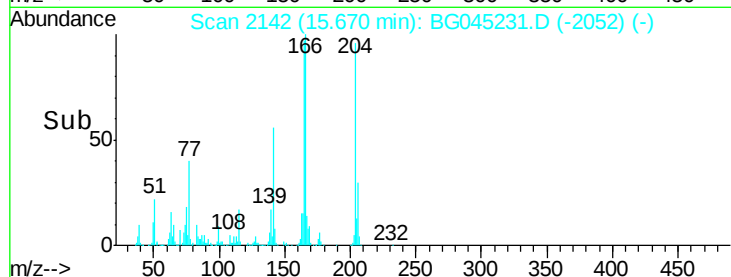
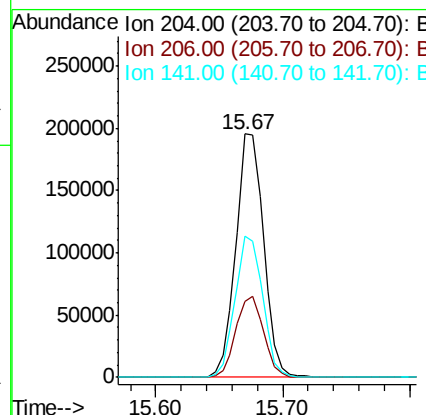
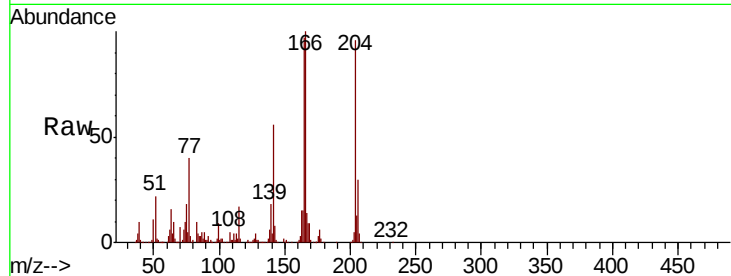
#61
4-Chlorophenyl-phenylether
Concen: 36.823 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	295323		
206	31.0	26.9	40.3	
141	57.9	46.3	69.5	

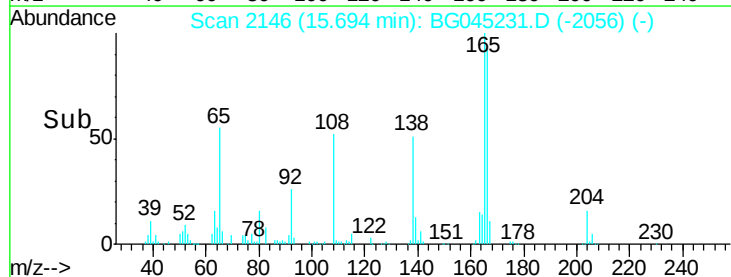
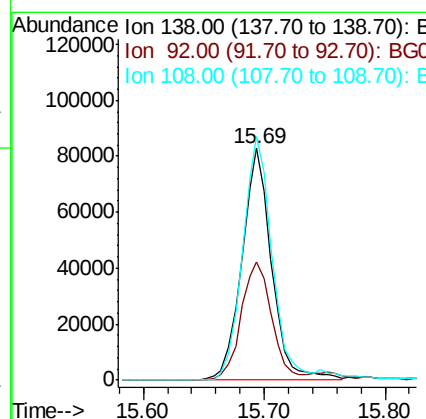
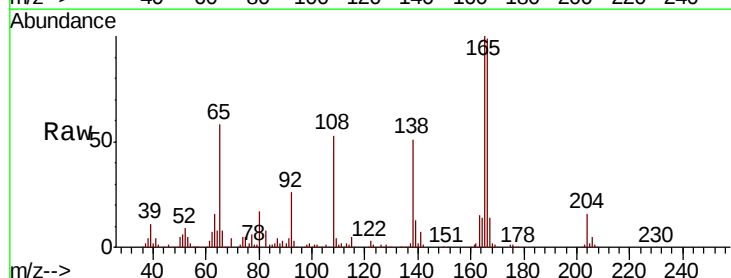
Manual Integrations
APPROVED

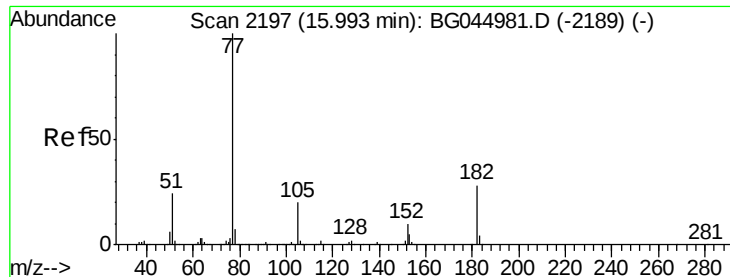
mohammad
5/6/2020 6:45:10 PM



#62
4-Nitroaniline
Concen: 37.499 ng
RT: 15.69 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	142023		
92	50.9	33.6	73.6	
108	104.9	78.2	118.2	





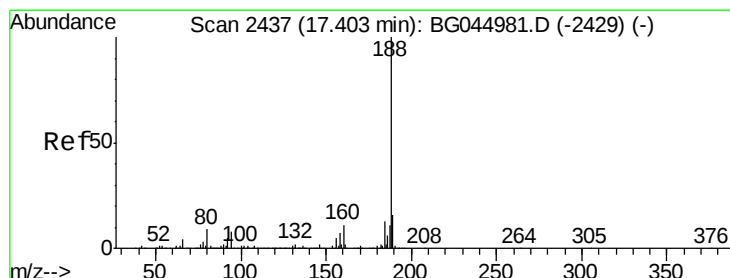
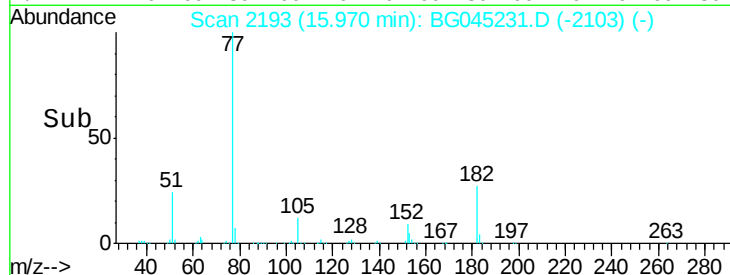
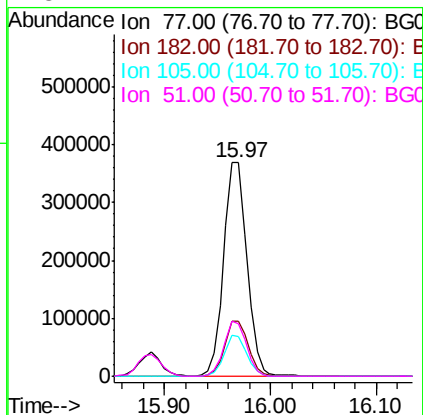
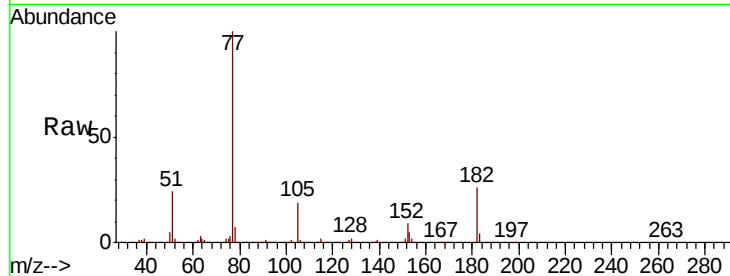
#63
Azobenzene
Concen: 39.325 ng
RT: 15.97 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.0	8.4	48.4
105	18.6	0.5	40.5
51	24.4	4.4	44.4

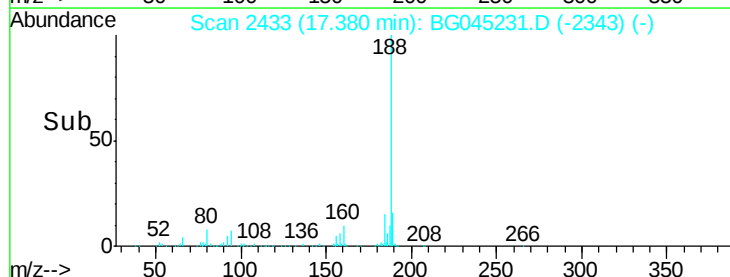
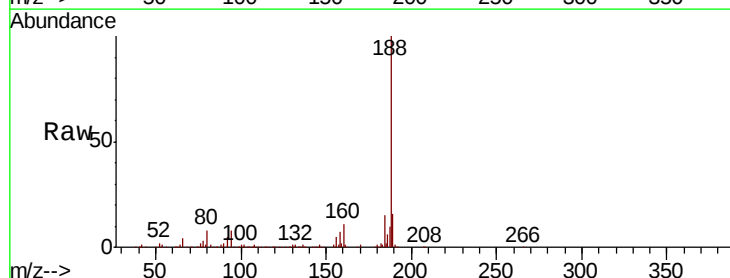
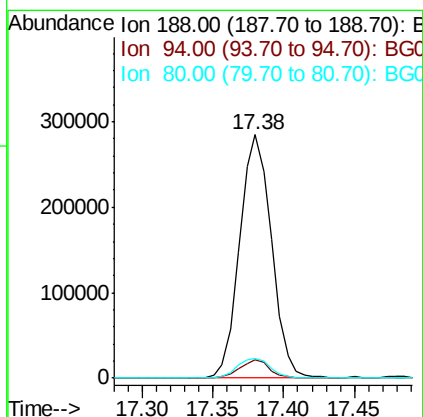
Manual Integrations
APPROVED

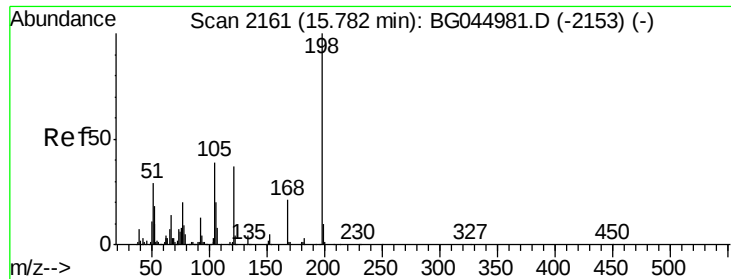
mohammad
5/6/2020 6:45:10 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.4
80	8.1	7.0	10.6





#65

4,6-Dinitro-2-methylphenol

Concen: 38.394 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Instrument :

BNA_G

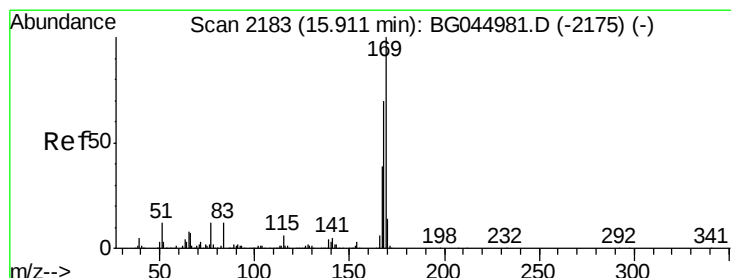
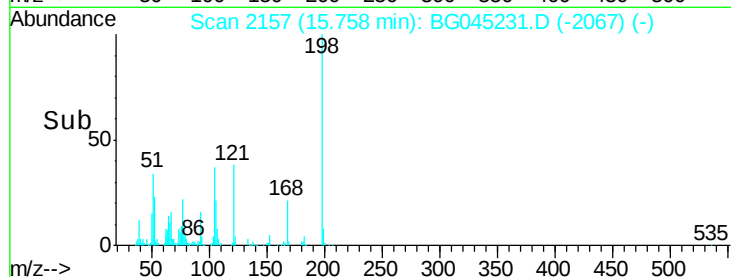
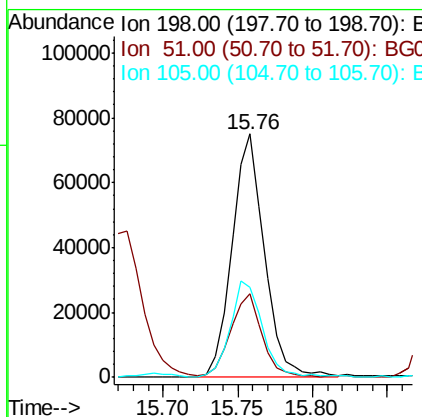
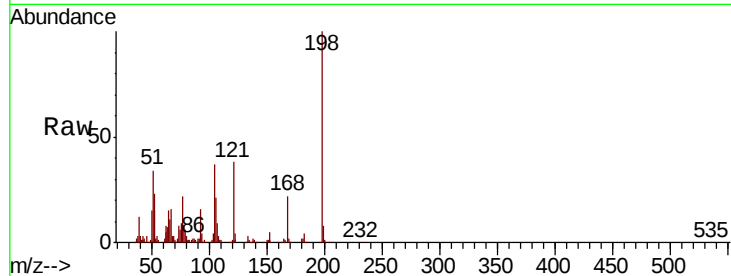
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	113632
Ion Ratio	Lower	Upper	
198	100		
51	34.3	10.0	50.0
105	37.1	18.9	58.9

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM



#66

n-Nitrosodiphenylamine

Concen: 37.506 ng

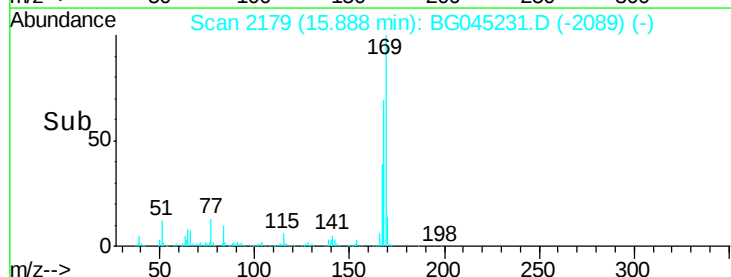
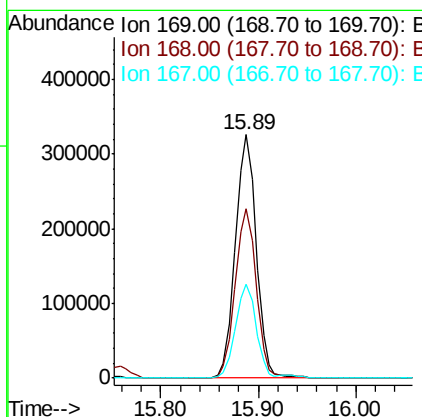
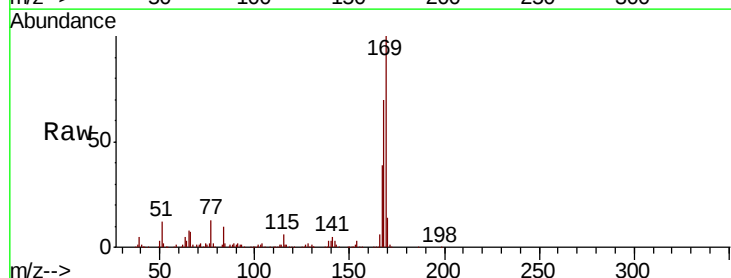
RT: 15.89 min Scan# 2179

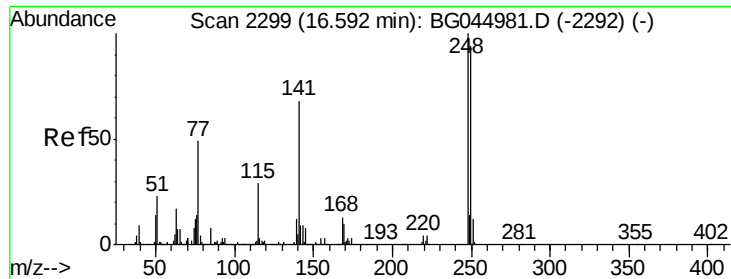
Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Tgt Ion:	169	Resp:	485211
Ion Ratio	Lower	Upper	
169	100		
168	69.6	55.8	83.8
167	38.8	30.8	46.2





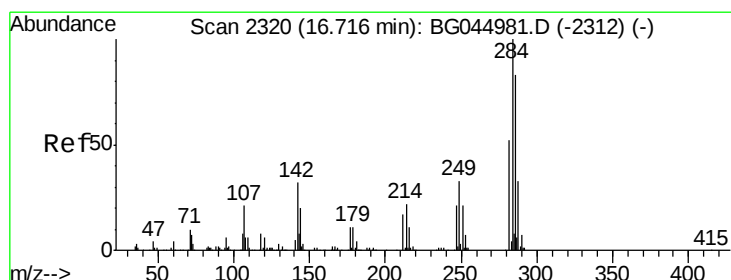
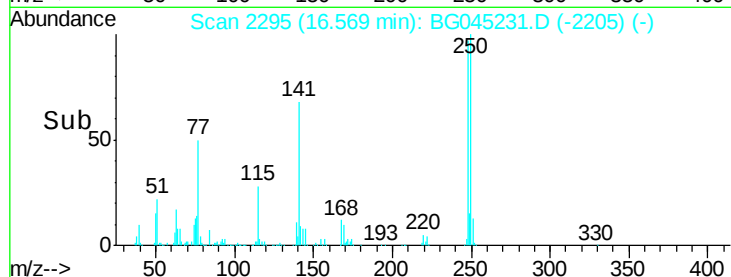
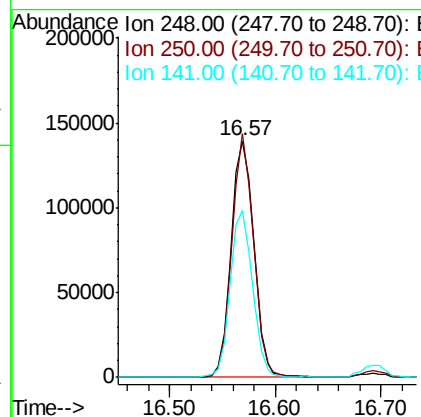
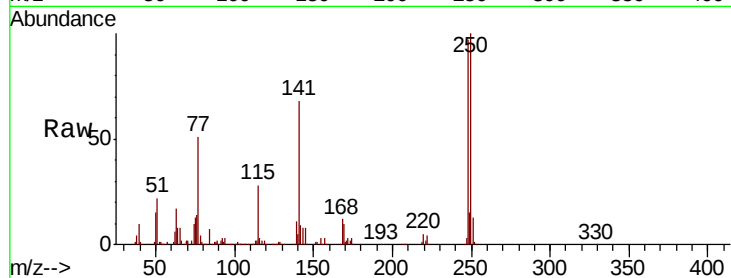
#67
4-Bromophenyl-phenylether
Concen: 35.717 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	103.2	75.4	113.2
141	70.6	54.4	81.6

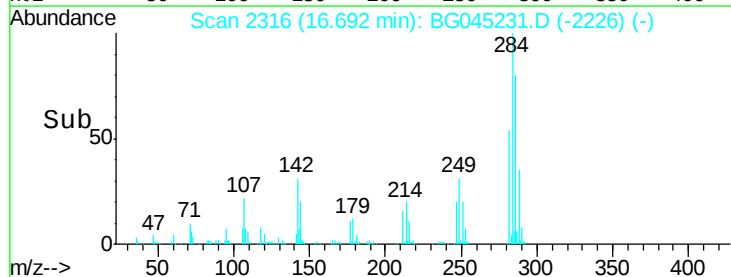
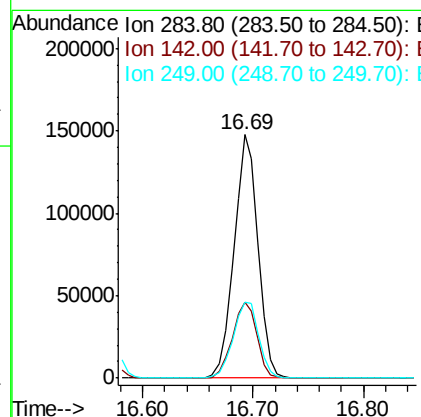
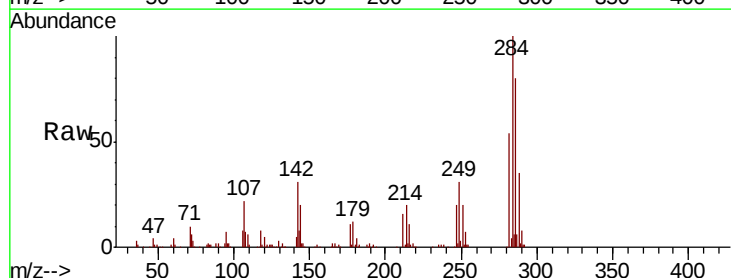
Manual Integrations
APPROVED

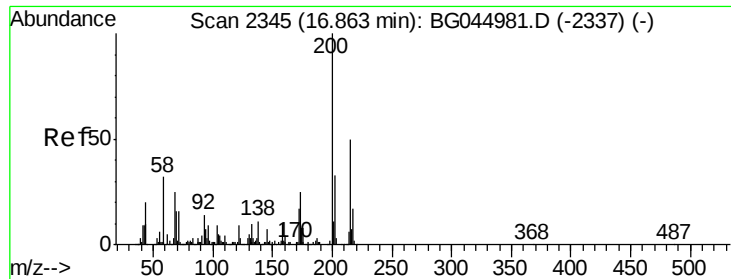
mohammad
5/6/2020 6:45:10 PM



#68
Hexachlorobenzene
Concen: 37.019 ng
RT: 16.69 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	25.8	38.6
249	31.4	26.6	39.8





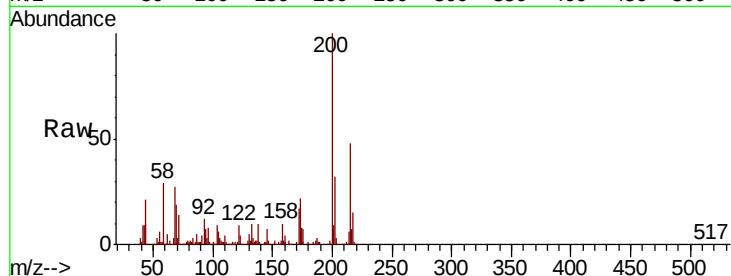
#69
Atrazine
Concen: 43.600 ng
RT: 16.84 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.5	4.5	44.5
215	47.5	30.0	70.0

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM

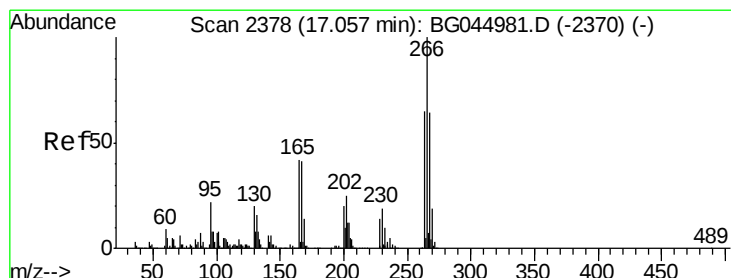
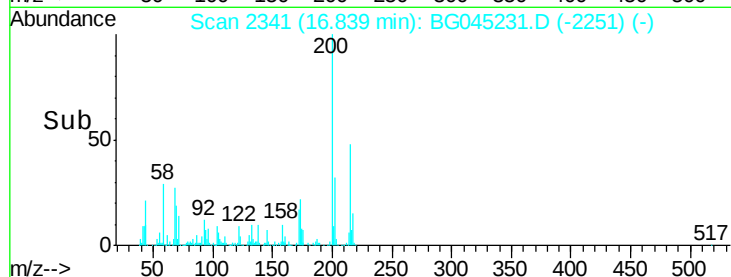
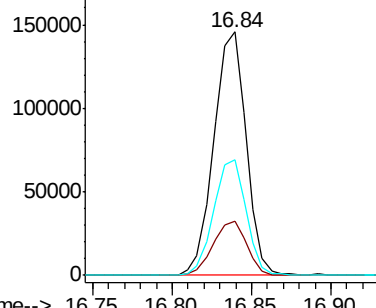


Abundance

Ion 200.00 (199.70 to 200.70): E

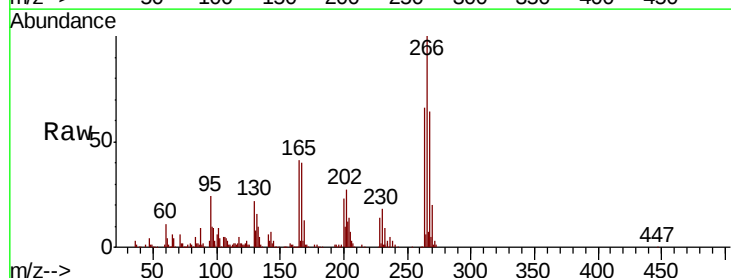
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 35.552 ng
RT: 17.03 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.5	77.3
264	66.2	52.2	78.4

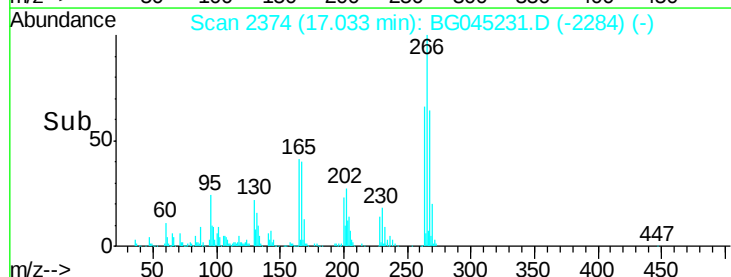
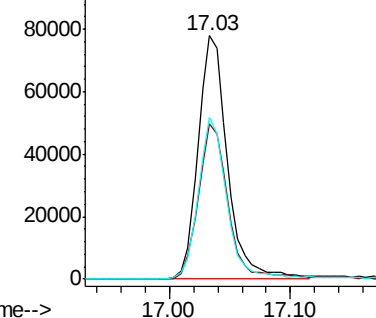


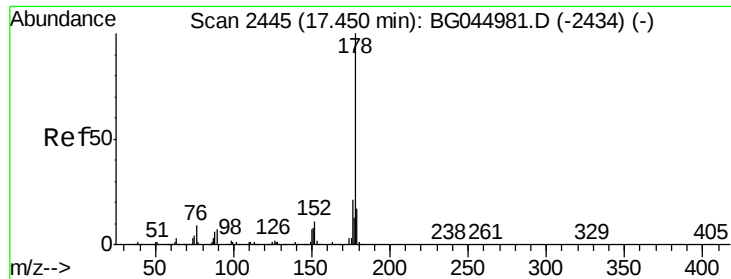
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





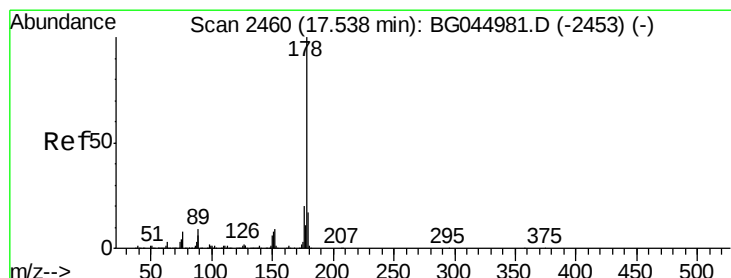
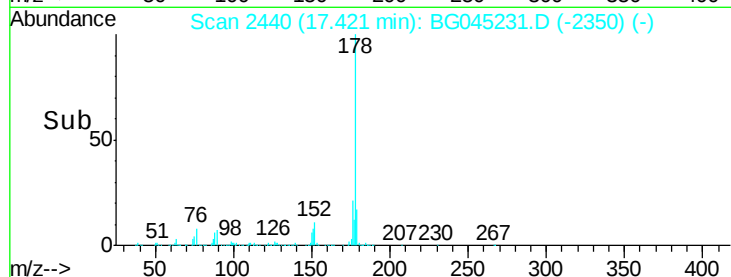
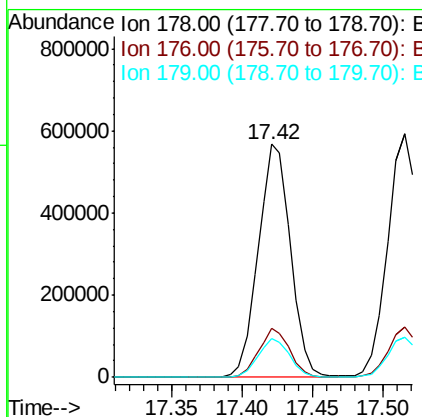
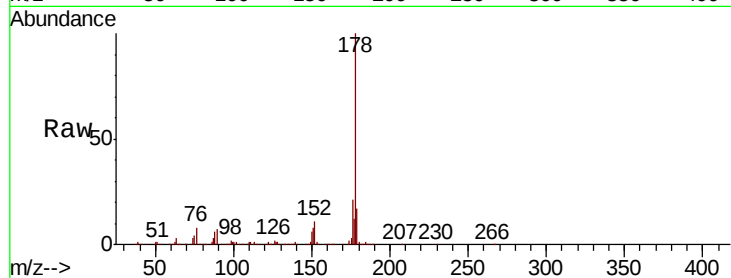
#71
Phenanthrene
Concen: 39.481 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.8	25.2
179	16.5	13.2	19.8

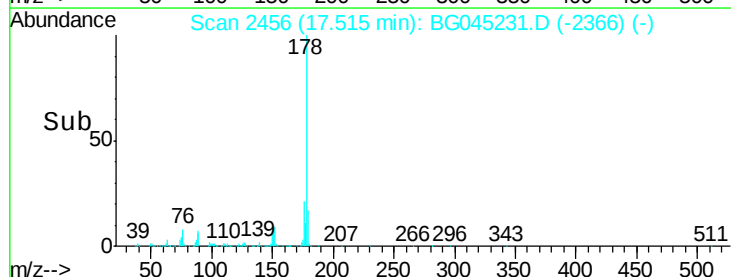
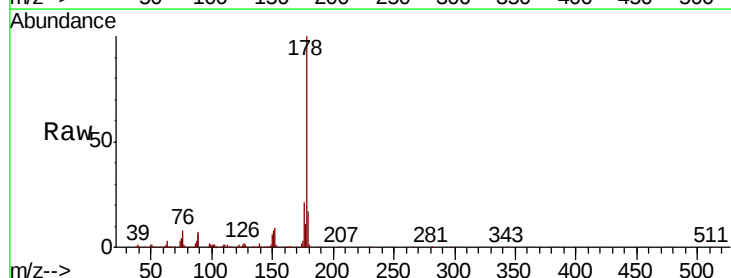
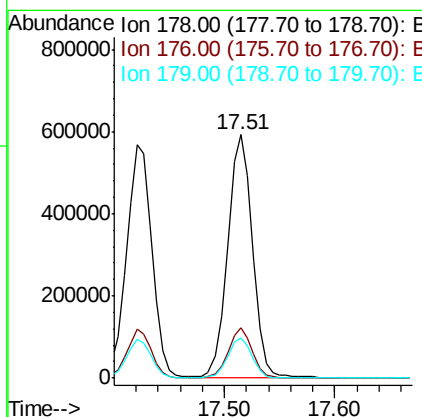
Manual Integrations
APPROVED

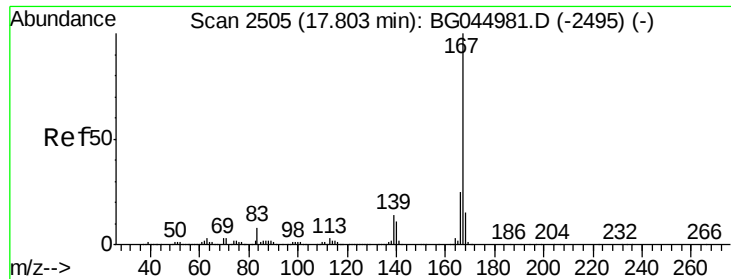
mohammad
5/6/2020 6:45:10 PM



#72
Anthracene
Concen: 40.112 ng
RT: 17.51 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.0	24.0
179	16.7	13.6	20.4





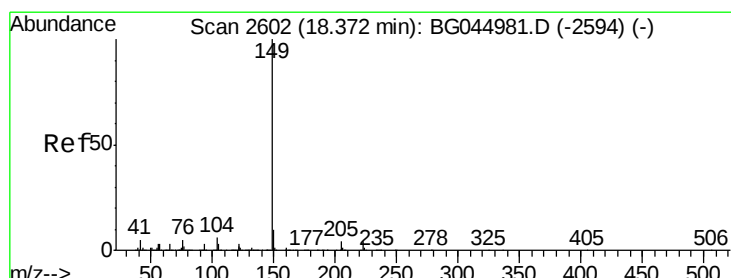
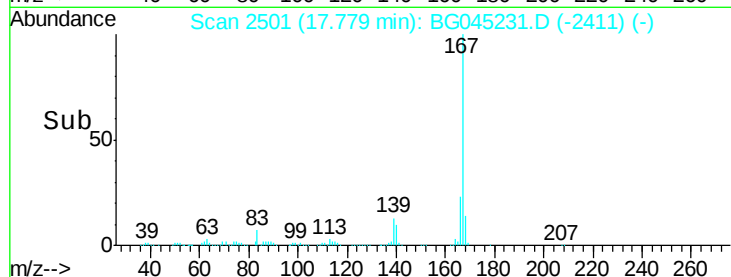
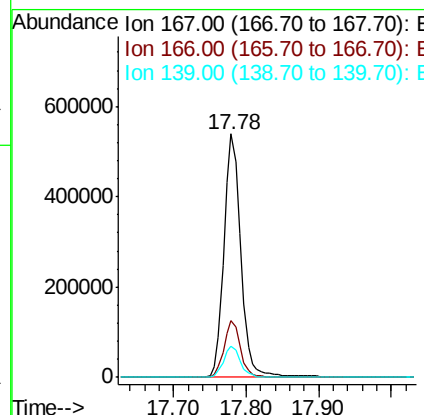
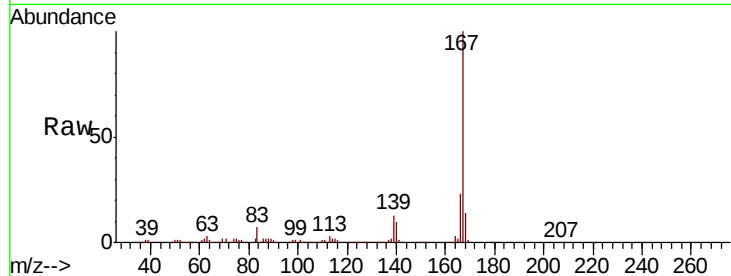
#73
 Carbazole
 Concen: 37.238 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.8	29.6
139	13.1	10.9	16.3

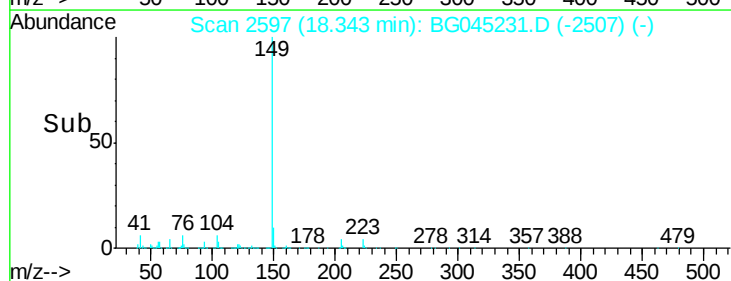
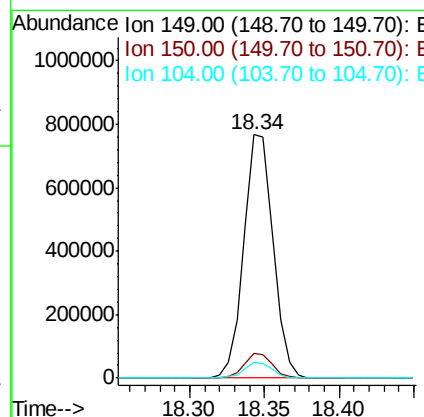
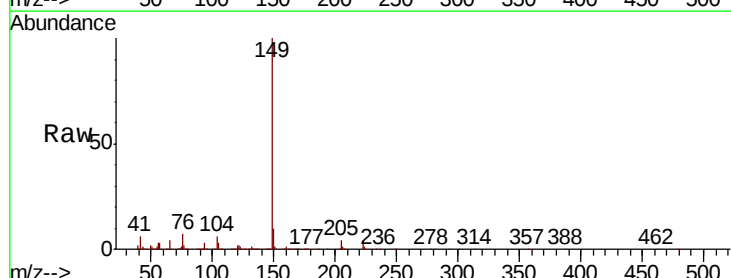
Manual Integrations
 APPROVED

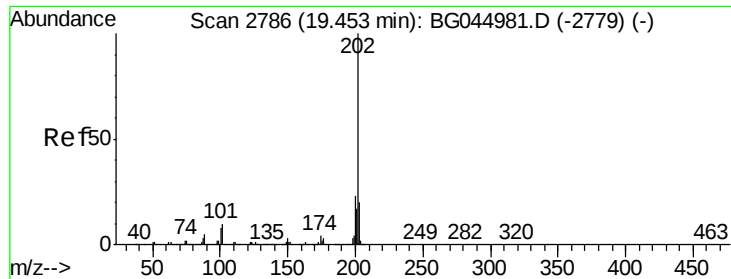
mohammad
 5/6/2020 6:45:10 PM



#74
 Di-n-butylphthalate
 Concen: 40.094 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.3	4.8	7.2





#75

Fluoranthene

Concen: 42.246 ng

RT: 19.44 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Instrument :

BNA_G

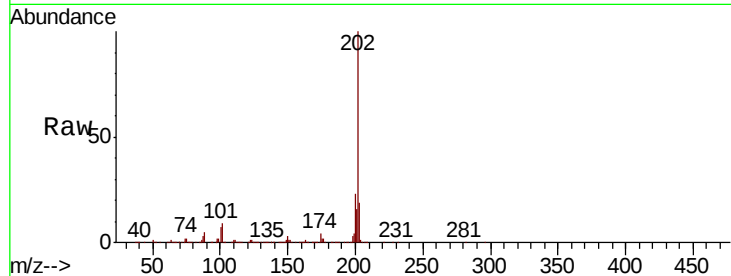
ClientSampleId :

SSTDCCC040

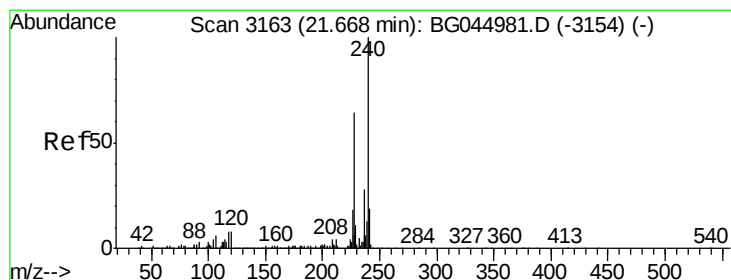
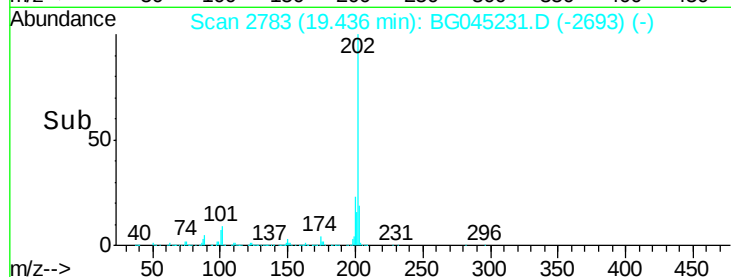
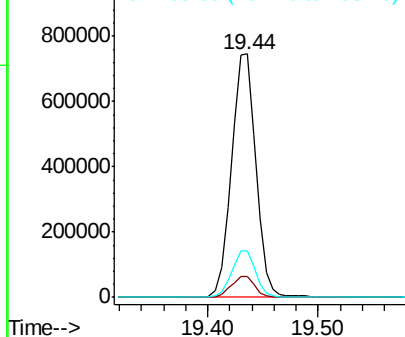
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1159191		
101	8.8	0.0	29.6	
203	19.2	0.0	39.7	

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 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

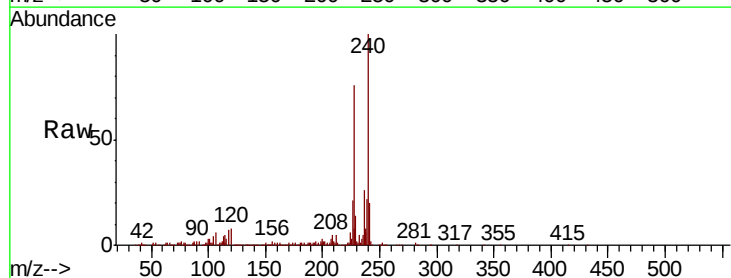
RT: 21.64 min Scan# 3159

Delta R.T. 0.00 min

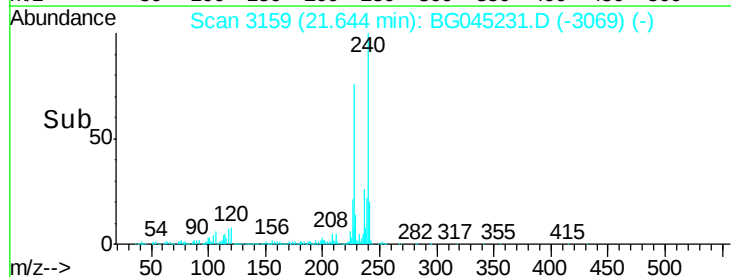
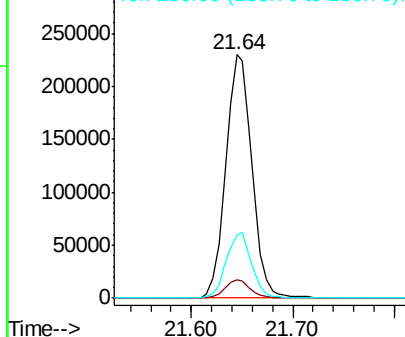
Lab File: BG045231.D

Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	408782		
120	7.8	6.6	10.0	
236	26.1	22.2	33.2	



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: 37.903 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Instrument :

BNA_G

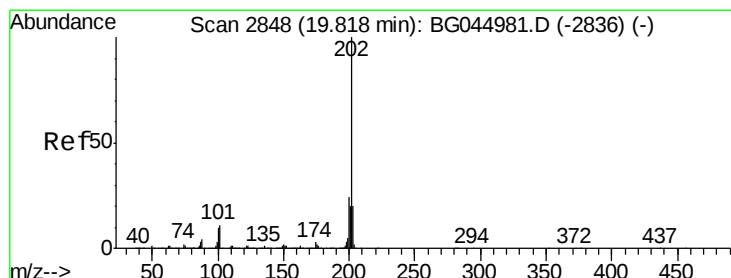
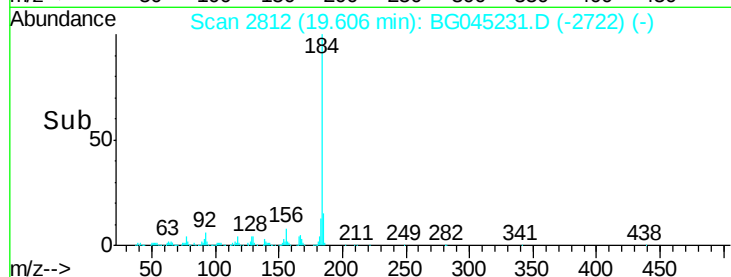
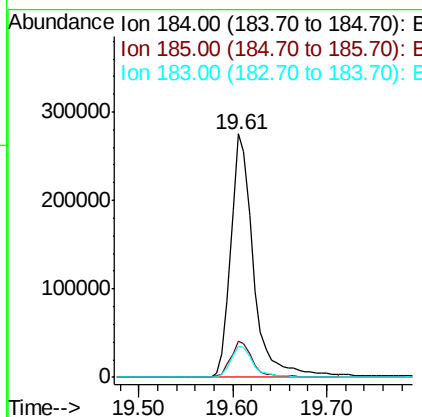
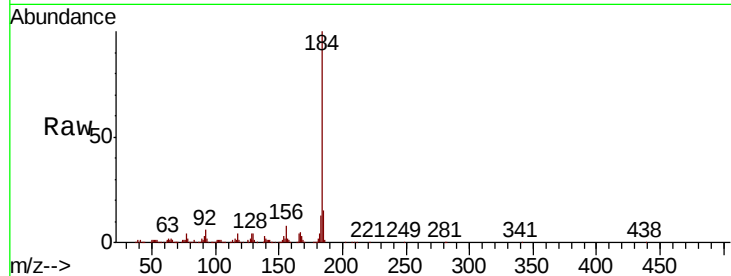
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	459889
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.6	19.0
183	12.5	11.3	16.9

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM



#78

Pyrene

Concen: 41.298 ng

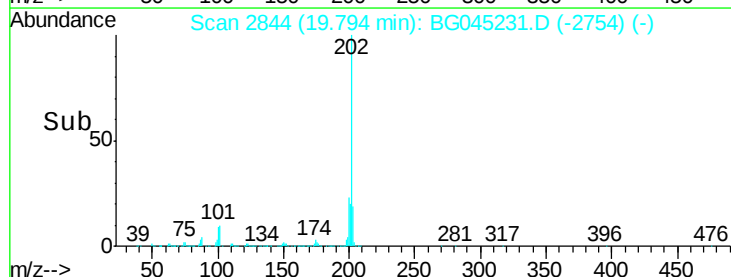
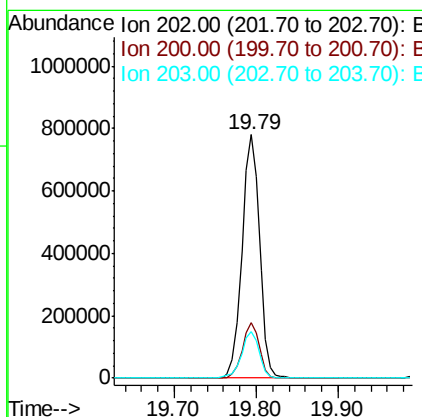
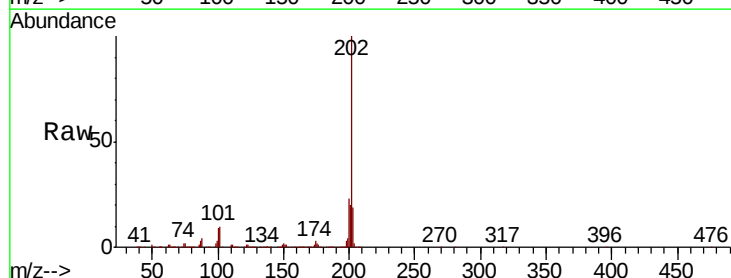
RT: 19.79 min Scan# 2844

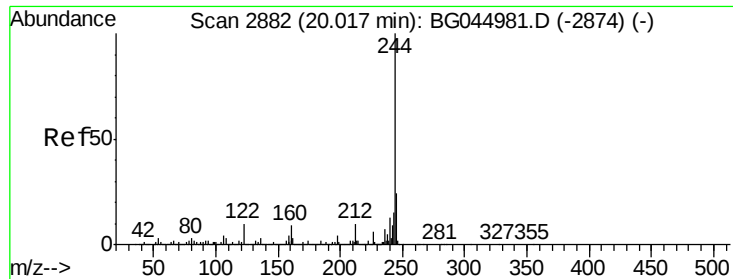
Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Tgt Ion:	202	Resp:	1163844
Ion Ratio	Lower	Upper	
202	100		
200	22.6	19.0	28.6
203	18.9	16.1	24.1





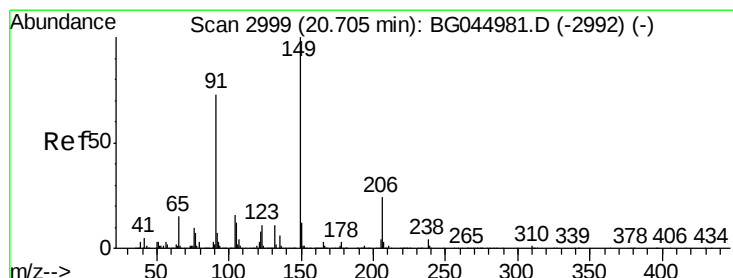
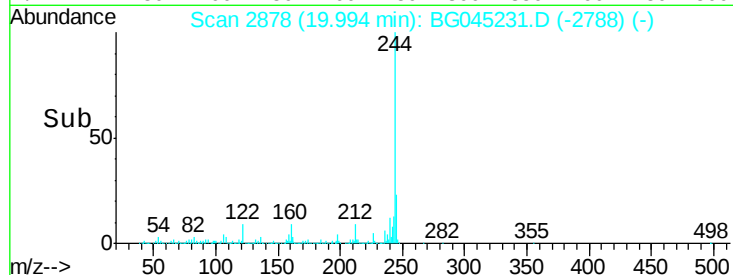
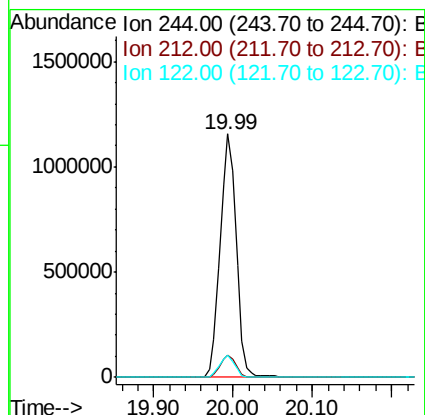
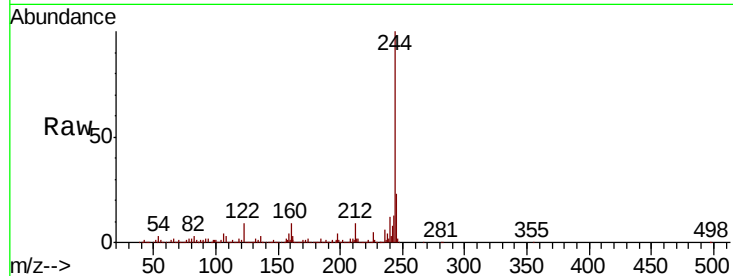
#79
 Terphenyl-d14
 Concen: 87.016 ng
 RT: 19.99 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	244	Resp:	1632002
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.9	11.9
122	8.9	7.7	11.5

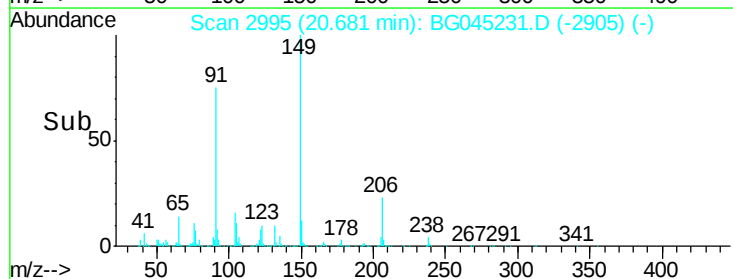
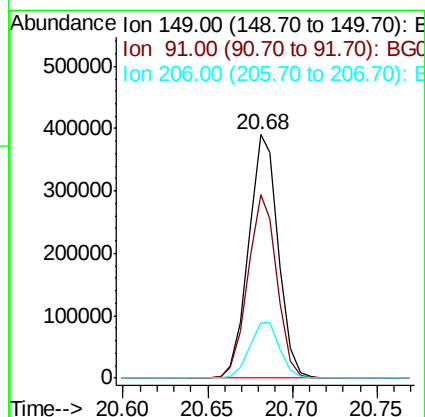
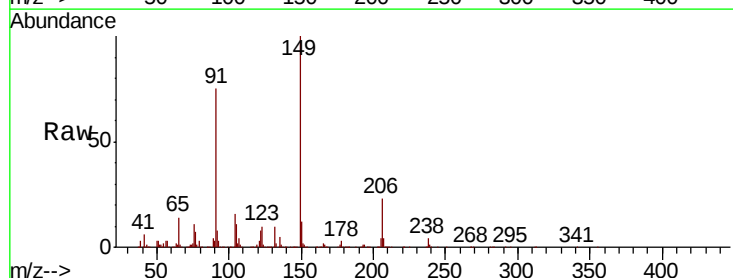
Manual Integrations
 APPROVED

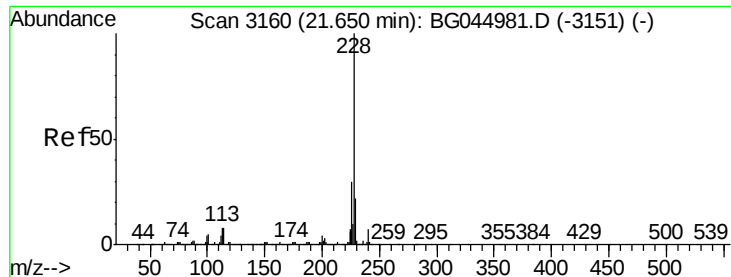
mohammad
 5/6/2020 6:45:10 PM



#80
 Butylbenzylphthalate
 Concen: 40.724 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Tgt Ion:	149	Resp:	475717
Ion	Ratio	Lower	Upper
149	100		
91	75.2	58.5	87.7
206	22.6	19.2	28.8





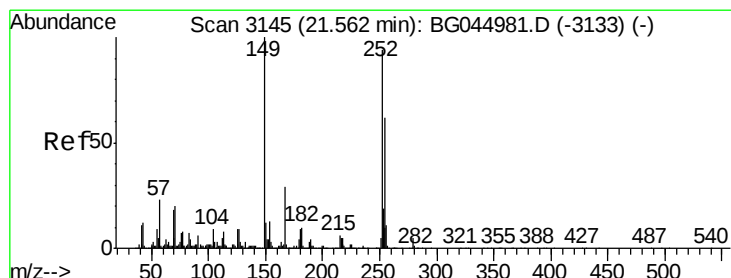
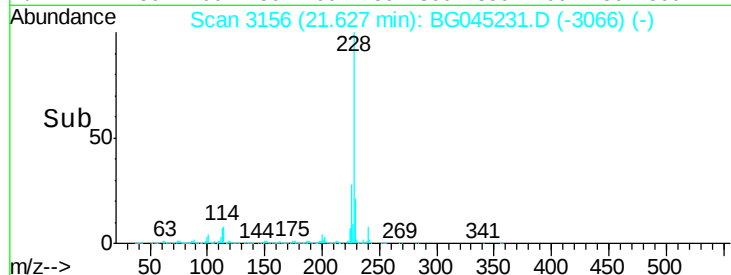
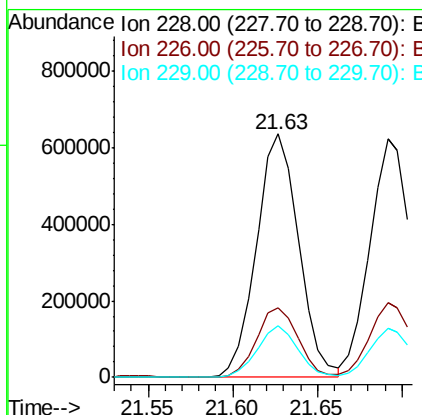
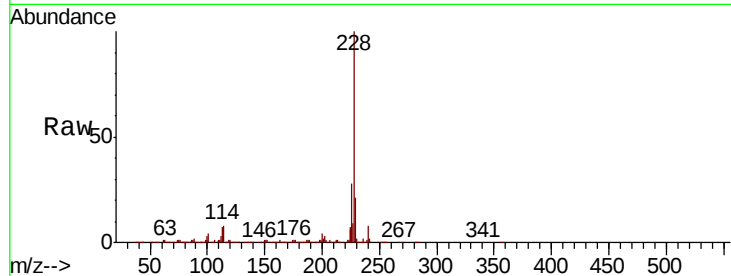
#81
Benzo(a)anthracene
Concen: 41.480 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.0	36.0
229	21.0	17.5	26.3

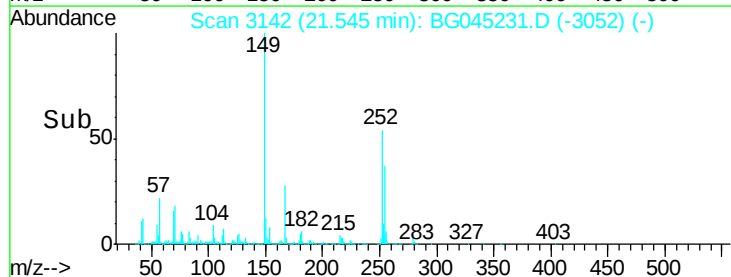
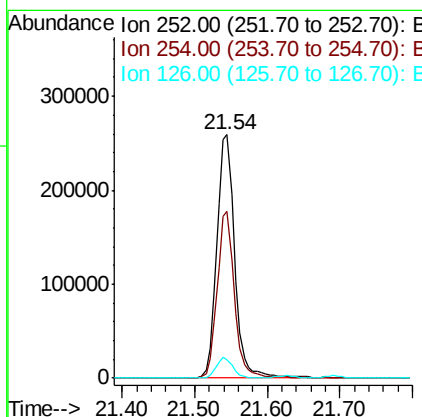
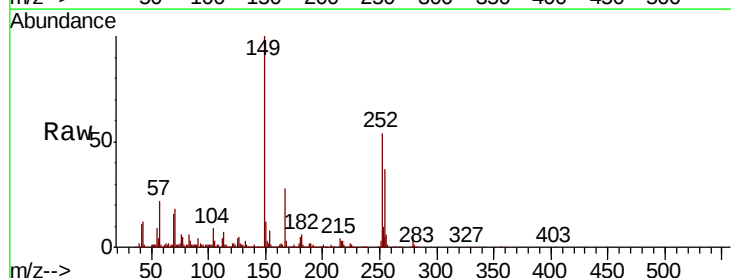
Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM



#82
3,3'-Dichlorobenzidine
Concen: 42.077 ng
RT: 21.54 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.6	52.6	79.0
126	7.3	7.5	11.3#





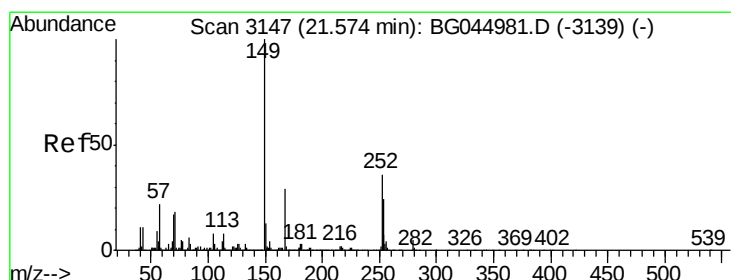
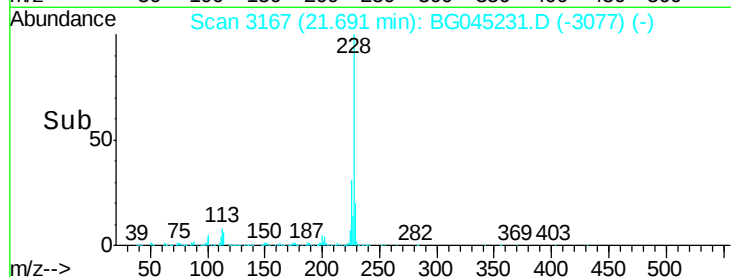
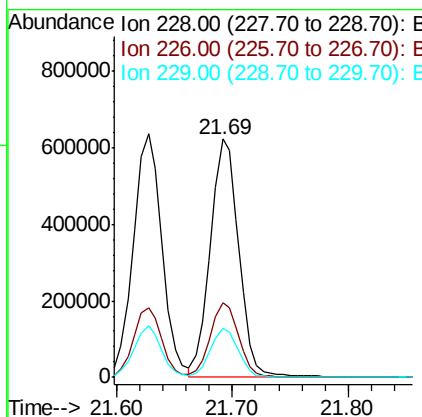
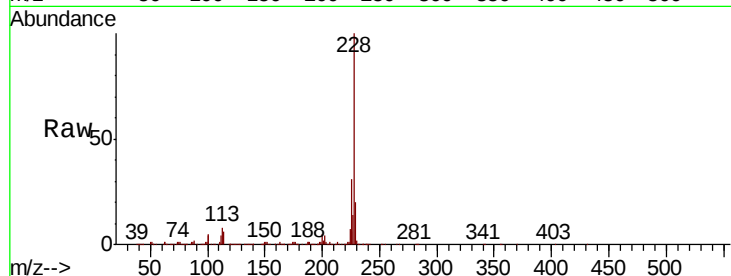
#83
 Chrysene
 Concen: 41.891 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.2	39.4
229	20.5	17.0	25.6

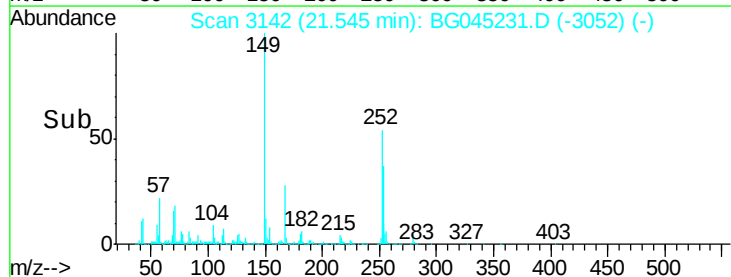
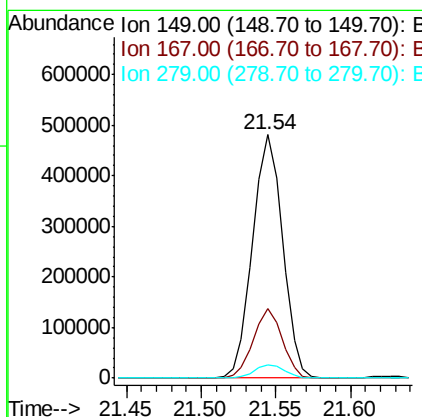
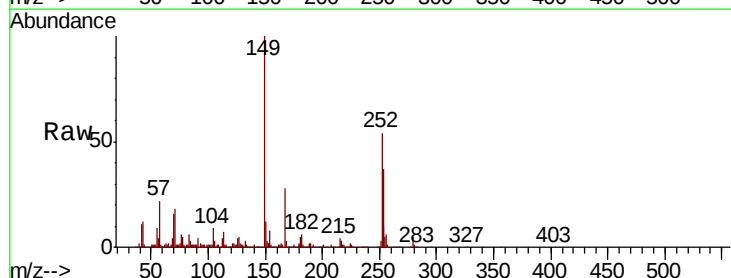
Manual Integrations
 APPROVED

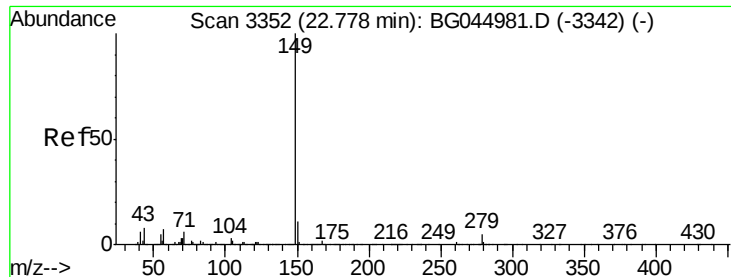
mohammad
 5/6/2020 6:45:10 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.599 ng
 RT: 21.54 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG045231.D
 Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.4	35.0
279	5.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 41.604 ng

RT: 22.74 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1155873

Ion Ratio Lower Upper

149 100

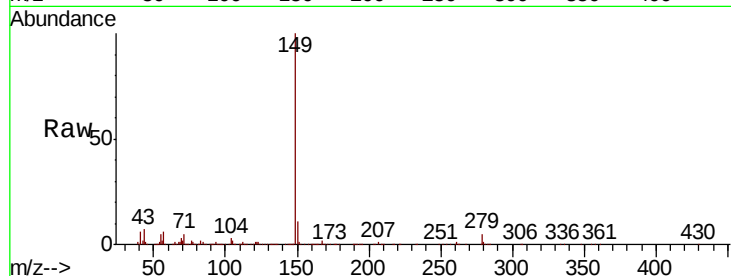
167 1.6 1.4 2.2

43 7.1 5.7 8.5

Manual Integrations
APPROVED

mohammad

5/6/2020 6:45:10 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

22.74

800000

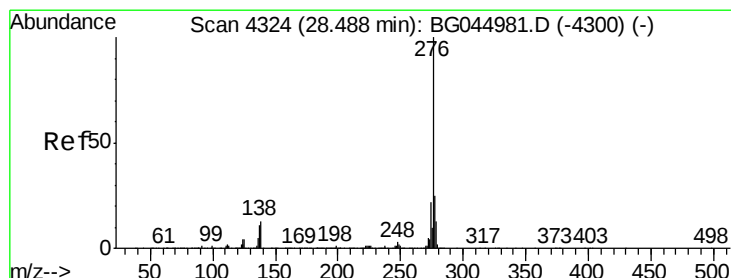
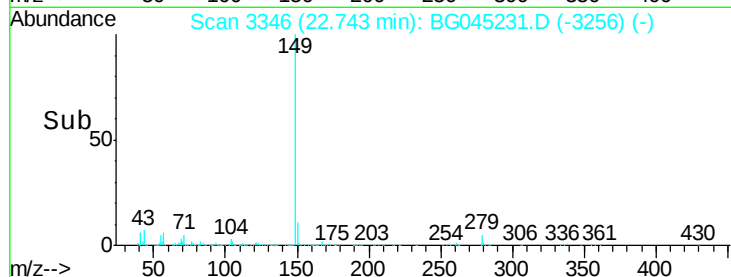
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.245 ng

RT: 28.42 min Scan# 4313

Delta R.T. 0.00 min

Lab File: BG045231.D

Acq: 4 May 2020 12:25

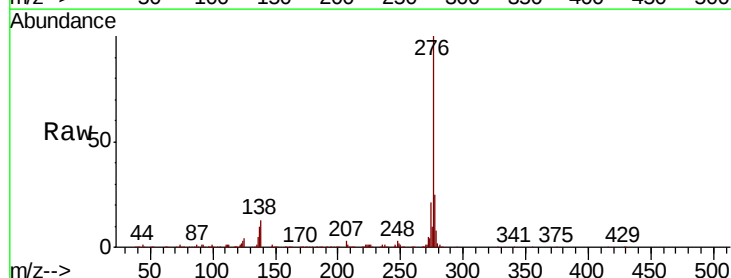
Tgt Ion:276 Resp: 1427814

Ion Ratio Lower Upper

276 100

138 16.4 9.6 14.4#

277 26.0 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.42

300000

250000

200000

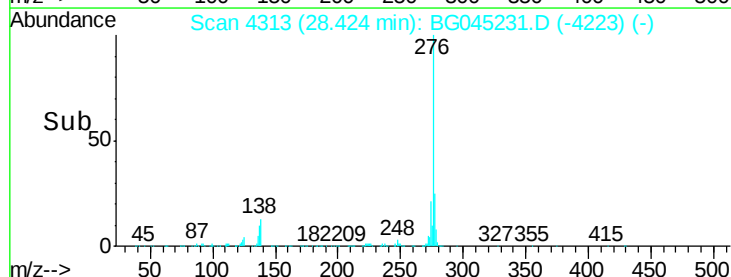
150000

100000

50000

0

Time-->





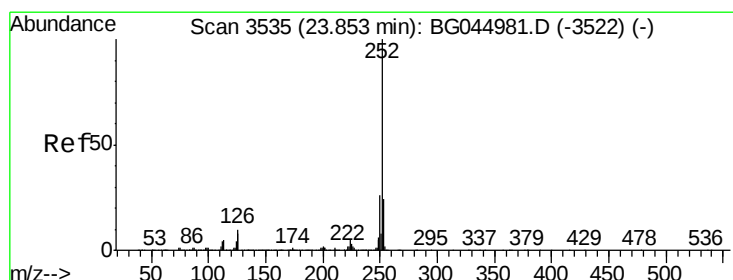
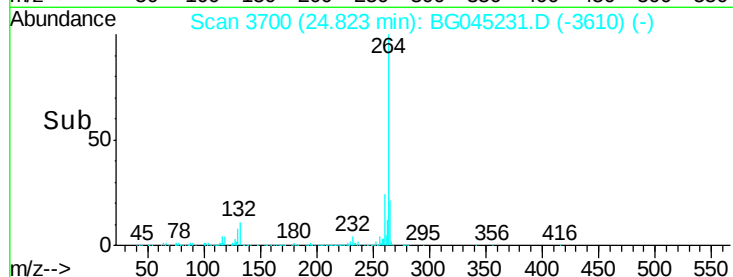
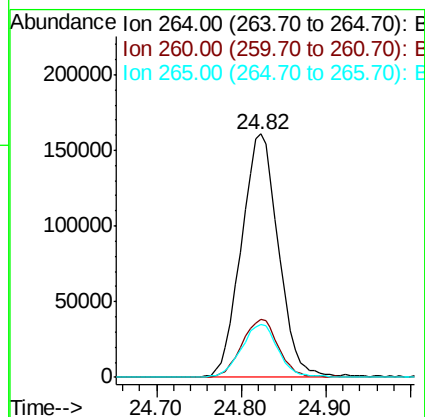
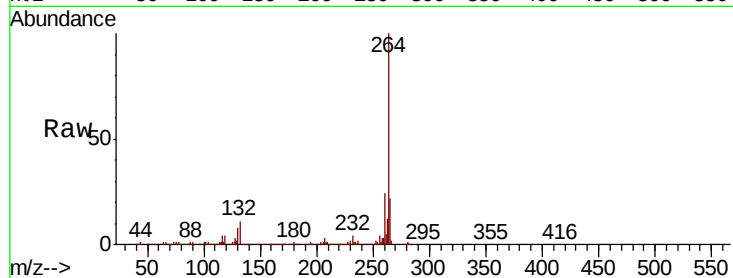
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	19.0	28.4

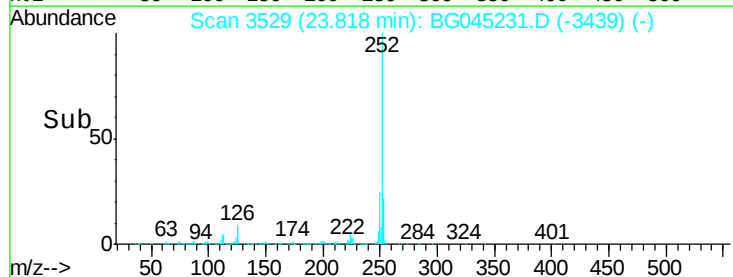
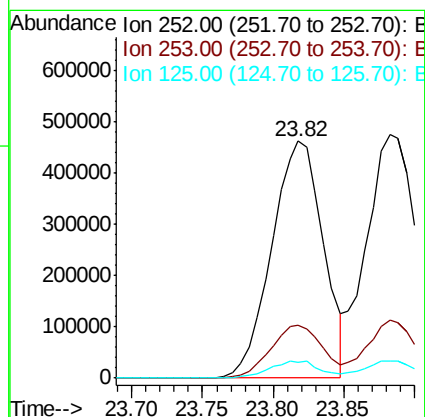
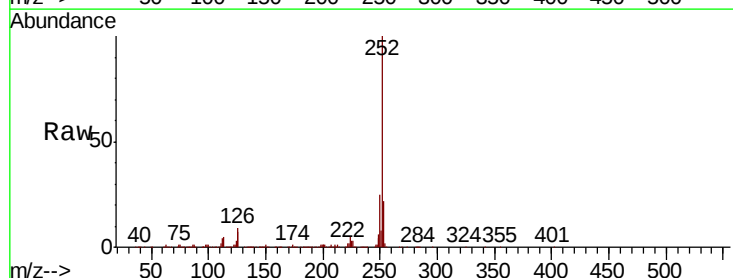
Manual Integrations
APPROVED

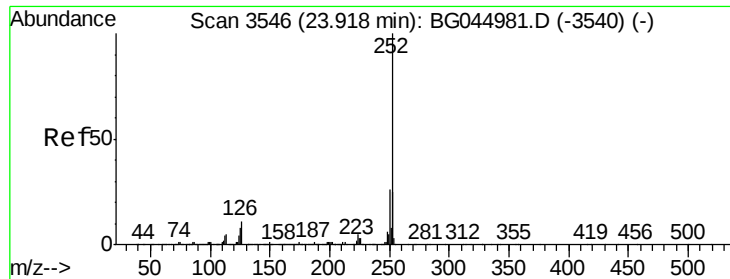
mohammad
5/6/2020 6:45:10 PM



#88
Benzo(b)fluoranthene
Concen: 38.336 ng
RT: 23.82 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.8	28.2
125	6.7	6.2	9.4





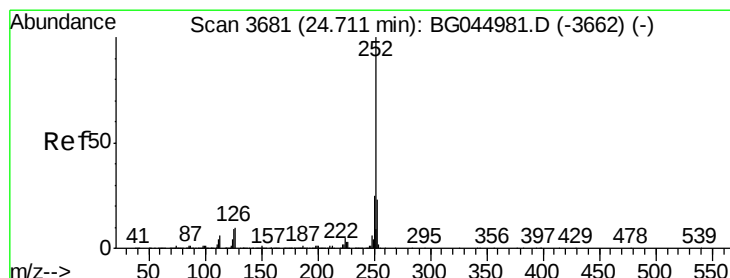
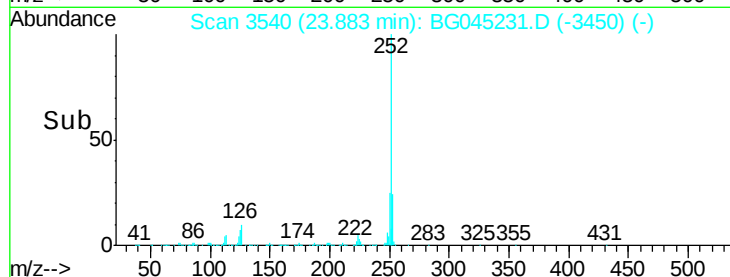
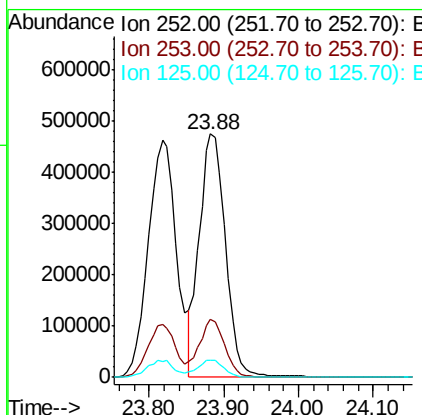
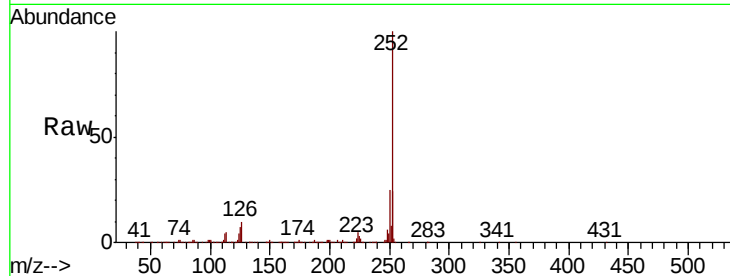
#89
Benzo(k)fluoranthene
Concen: 39.683 ng
RT: 23.88 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.2	28.8
125	7.1	5.9	8.9

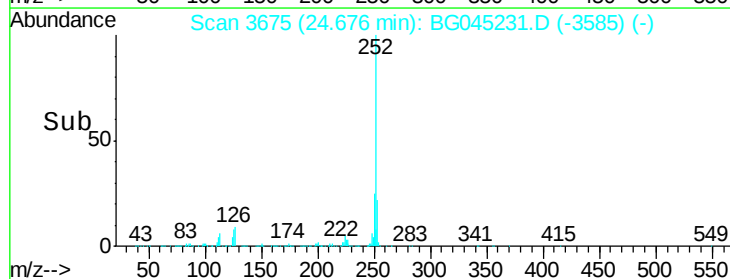
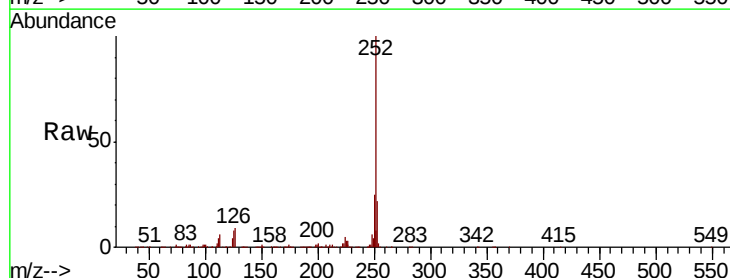
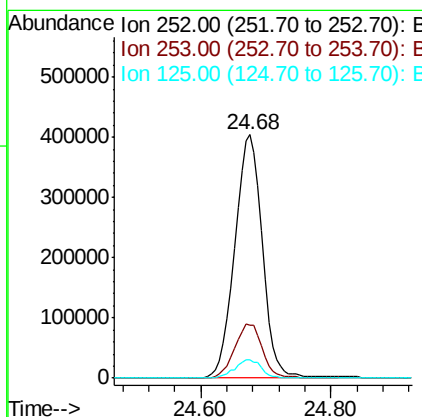
Manual Integrations
APPROVED

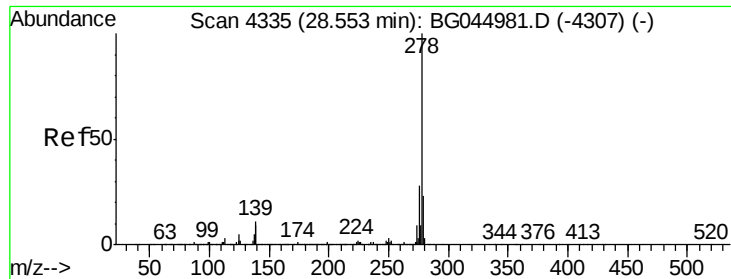
mohammad
5/6/2020 6:45:10 PM



#90
Benzo(a)pyrene
Concen: 41.022 ng
RT: 24.68 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.3	27.5
125	7.6	7.0	10.6





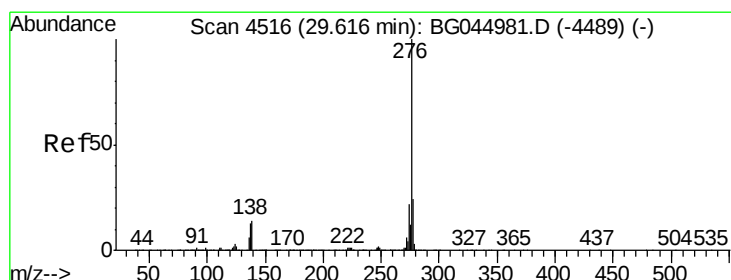
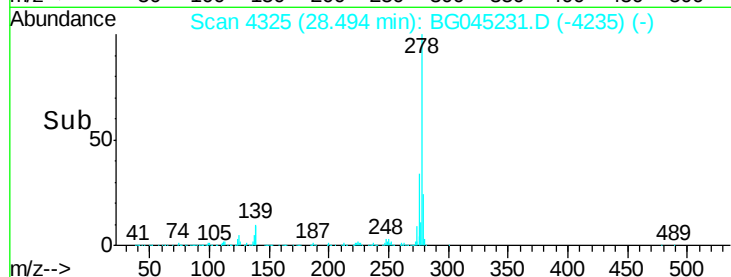
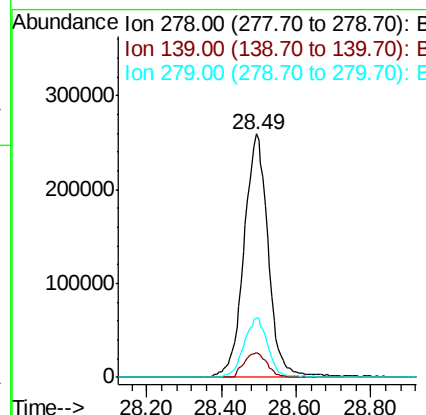
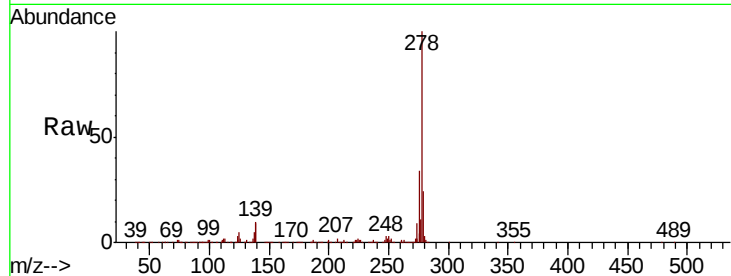
#91
Dibenzo(a,h)anthracene
Concen: 40.215 ng
RT: 28.49 min Scan# 4325
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.1	9.0	13.6
279	24.1	18.4	27.6

Manual Integrations
APPROVED

mohammad
5/6/2020 6:45:10 PM



#92
Benzo(g,h,i)perylene
Concen: 39.955 ng
RT: 29.55 min Scan# 4505
Delta R.T. 0.00 min
Lab File: BG045231.D
Acq: 4 May 2020 12:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.3	28.9
138	13.6	11.4	17.2

