

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044663.D
 Acq On : 3 Mar 2020 15:20
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/4/2020 2:47:22 PM

Quant Time: Mar 04 04:02:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 03:46:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	73338m	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	284634	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	176305	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	383618	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	365908	20.00	ng	-0.06
87) Perylene-d12	24.46	264	415694	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	363538	79.53	ng	-0.07
7) Phenol-d6	6.98	99	474399	75.82	ng	-0.07
23) Nitrobenzene-d5	8.96	82	427333	77.35	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	181887	72.76	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	939653	76.32	ng	-0.06
79) Terphenyl-d14	19.83	244	1419018	73.41	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	79526	39.871	ng	98
3) Pyridine	3.64	79	218311	39.226	ng	99
4) n-Nitrosodimethylamine	3.56	42	83838	39.662	ng	98
6) Aniline	7.13	93	284285	37.320	ng	98
8) 2-Chlorophenol	7.37	128	187733	37.625	ng	97
9) Benzaldehyde	6.94	77	132682	36.064	ng	99
10) Phenol	7.01	94	226701	37.390	ng	99
11) bis(2-Chloroethyl)ether	7.23	93	190291	37.333	ng	96
12) 1,3-Dichlorobenzene	7.69	146	227043	38.151	ng	98
13) 1,4-Dichlorobenzene	7.84	146	225116	37.639	ng	99
14) 1,2-Dichlorobenzene	8.16	146	211254	37.142	ng	99
15) Benzyl Alcohol	8.05	79	160784	38.104	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.34	45	265345	38.735	ng	99
17) 2-Methylphenol	8.26	107	159220	36.759	ng	96
18) Hexachloroethane	8.89	117	82478	37.734	ng	97
19) n-Nitroso-di-n-propylamine	8.62	70	145435	36.162	ng	99
20) 3+4-Methylphenols	8.59	107	217791	36.726	ng	98
22) Acetophenone	8.63	105	270526	37.856	ng	# 99
24) Nitrobenzene	9.00	77	206354	38.552	ng	97
25) Isophorone	9.53	82	390260	37.759	ng	100
26) 2-Nitrophenol	9.72	139	110486	38.061	ng	97
27) 2,4-Dimethylphenol	9.79	122	153135	37.571	ng	97
28) bis(2-Chloroethoxy)methane	10.02	93	259002	37.894	ng	99
29) 2,4-Dichlorophenol	10.26	162	184715	37.906	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	210532	37.358	ng	98
31) Naphthalene	10.66	128	582633	37.513	ng	98
32) Benzoic acid	9.96	122	64645	45.192	ng	98
33) 4-Chloroaniline	10.77	127	258755	37.825	ng	98
34) Hexachlorobutadiene	10.96	225	134122	37.897	ng	100
35) Caprolactam	11.54	113	64931	37.222	ng	98
36) 4-Chloro-3-methylphenol	11.91	107	186083	37.098	ng	97
37) 2-Methylnaphthalene	12.27	142	425409	37.061	ng	99
38) 1-Methylnaphthalene	12.49	142	397527	36.447	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	222408	37.472	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044663.D
 Acq On : 3 Mar 2020 15:20
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC0040

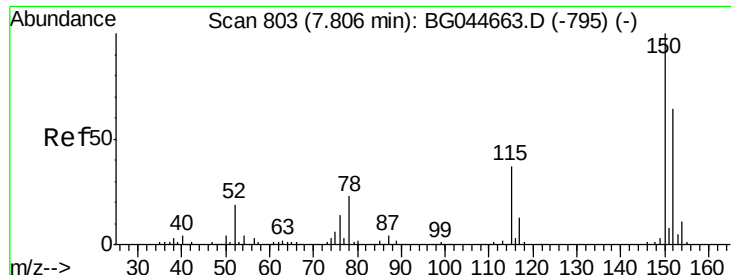
Manual Integrations
 APPROVED

mohammad
 3/4/2020 2:47:22 PM

Quant Time: Mar 04 04:02:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 03:46:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	87214	36.112	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	150226	38.981	ng	100
44) 2,4,5-Trichlorophenol	12.97	196	151172	38.186	ng	98
46) 1,1'-Biphenyl	13.29	154	552663	37.879	ng	98
47) 2-Chloronaphthalene	13.33	162	433419	37.883	ng	98
48) 2-Nitroaniline	13.53	65	126690	39.892	ng	95
49) Acenaphthylene	14.18	152	645247	38.207	ng	100
50) Dimethylphthalate	13.92	163	535864	37.657	ng	100
51) 2,6-Dinitrotoluene	14.03	165	118694	37.820	ng	98
52) Acenaphthene	14.52	154	402427	37.382	ng	99
53) 3-Nitroaniline	14.36	138	131153	38.749	ng	98
54) 2,4-Dinitrophenol	14.57	184	56431	36.014	ng	93
55) Dibenzofuran	14.86	168	621896	37.682	ng	100
56) 4-Nitrophenol	14.69	139	91518	39.308	ng	97
57) 2,4-Dinitrotoluene	14.83	165	166389	37.710	ng	99
58) Fluorene	15.51	166	489646	37.418	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	133187	36.533	ng	97
60) Diethylphthalate	15.29	149	532964	37.800	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	261203	36.712	ng	99
62) 4-Nitroaniline	15.53	138	134563	39.704	ng	95
63) Azobenzene	15.80	77	454664	37.890	ng	99
65) 4,6-Dinitro-2-methylphenol	15.60	198	88440	37.233	ng	97
66) n-Nitrosodiphenylamine	15.72	169	444731	37.166	ng	98
67) 4-Bromophenyl-phenylether	16.40	248	173407	36.416	ng	99
68) Hexachlorobenzene	16.52	284	194280	36.087	ng	98
69) Atrazine	16.67	200	163342	36.924	ng	98
70) Pentachlorophenol	16.87	266	86201	37.021	ng	97
71) Phenanthrene	17.25	178	795620	37.461	ng	100
72) Anthracene	17.34	178	787675	37.634	ng	99
73) Carbazole	17.61	167	734089	38.532	ng	99
74) Di-n-butylphthalate	18.18	149	932487	39.060	ng	99
75) Fluoranthene	19.26	202	955218	37.993	ng	100
77) Benzidine	19.44	184	484074	38.620	ng	99
78) Pyrene	19.62	202	966340	36.381	ng	99
80) Butylbenzylphthalate	20.52	149	446323	38.415	ng	99
81) Benzo(a)anthracene	21.43	228	969083	37.682	ng	99
82) 3,3'-Dichlorobenzidine	21.34	252	379859	37.388	ng	98
83) Chrysene	21.48	228	926713	37.270	ng	99
84) Bis(2-ethylhexyl)phthalate	21.35	149	623893	38.971	ng	99
85) Di-n-octyl phthalate	22.49	149	1083925	38.483	ng	98
86) Indeno(1,2,3-cd)pyrene	27.88	276	1153492	36.148	ng	99
88) Benzo(b)fluoranthene	23.51	252	1009537	36.937	ng	99
89) Benzo(k)fluoranthene	23.58	252	988363	37.270	ng	99
90) Benzo(a)pyrene	24.32	252	956171	37.235	ng	99
91) Dibenzo(a,h)anthracene	27.94	278	940015	37.014	ng	99
92) Benzo(g,h,i)perylene	28.95	276	927060	36.434	ng	100

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



#1

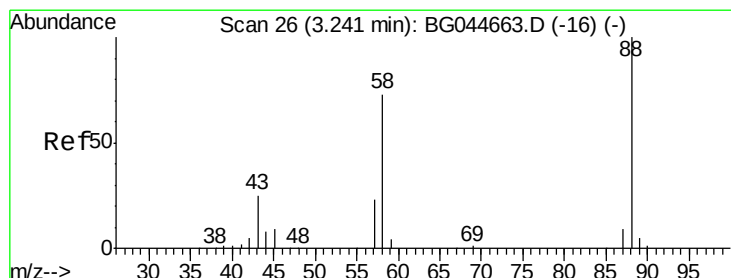
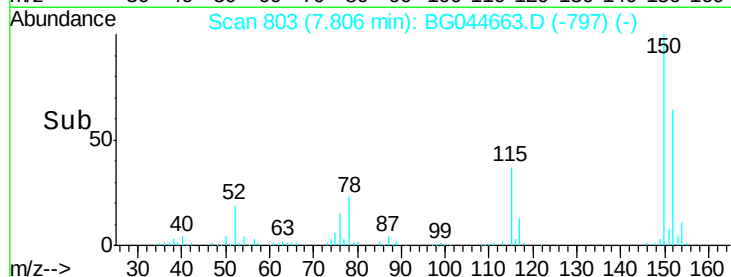
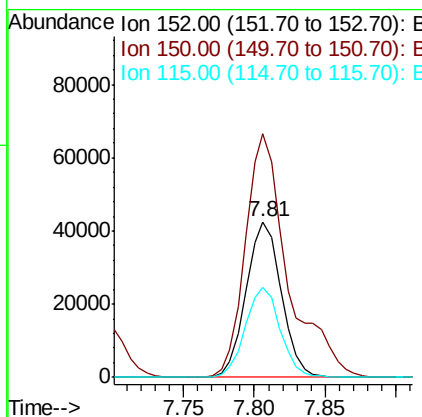
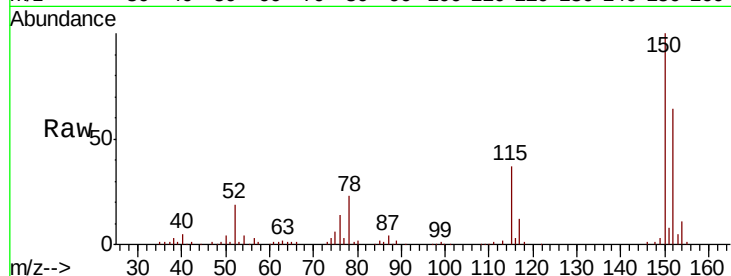
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	128.9	193.3
115	57.4	47.0	70.4

Manual Integrations
APPROVED

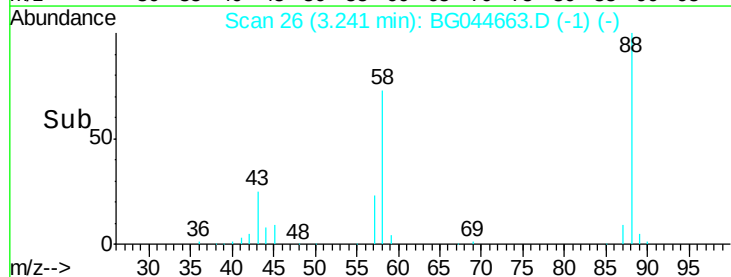
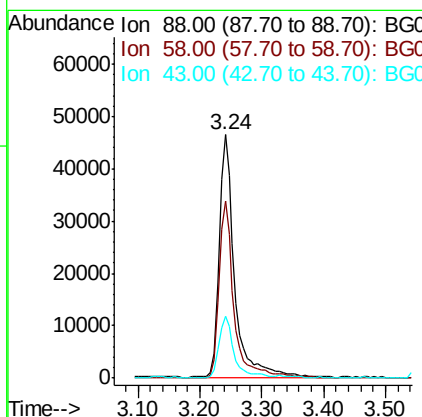
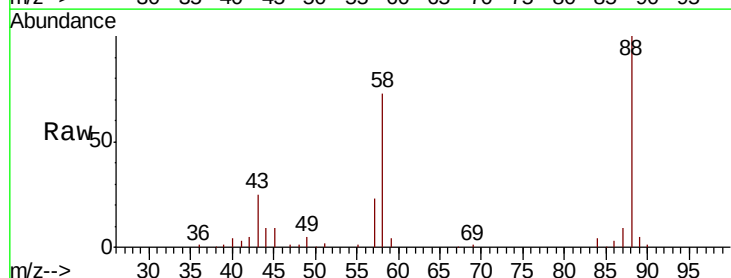
mohammad
3/4/2020 2:47:22 PM

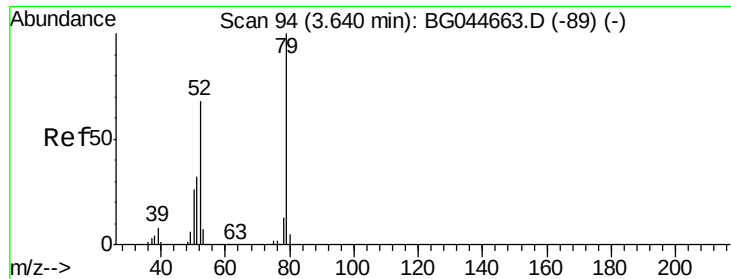


#2

1,4-Dioxane
Concen: 39.871 ng/ml
RT: 3.24 min Scan# 26
Delta R.T. -0.09 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	55.8	83.8
43	25.8	20.6	31.0





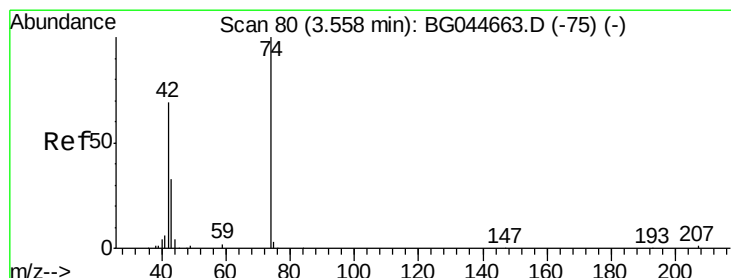
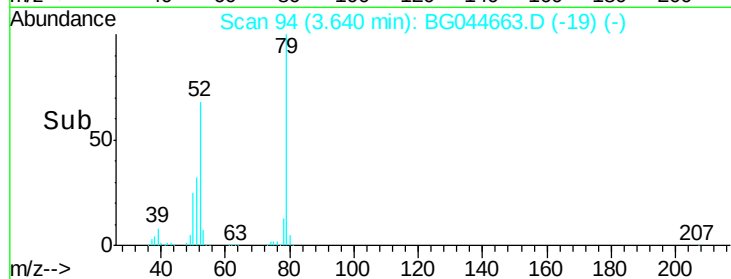
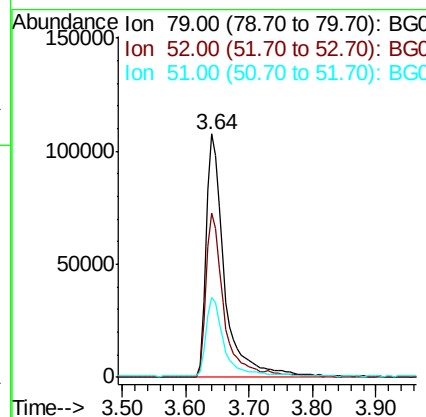
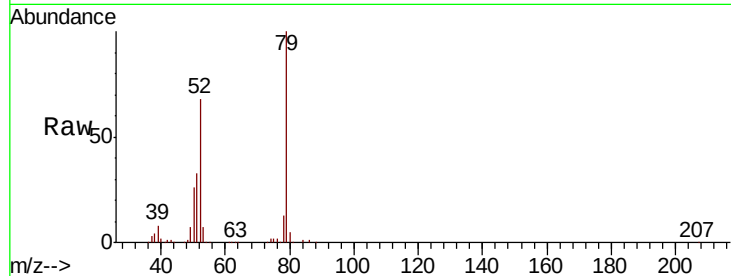
#3
 Pvridine
 Concen: 39.226 ng
 RT: 3.64 min Scan# 94
 Delta R.T. -0.09 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Instrument :
 BNA_G
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.5	53.7	80.5
51	32.9	25.4	38.0

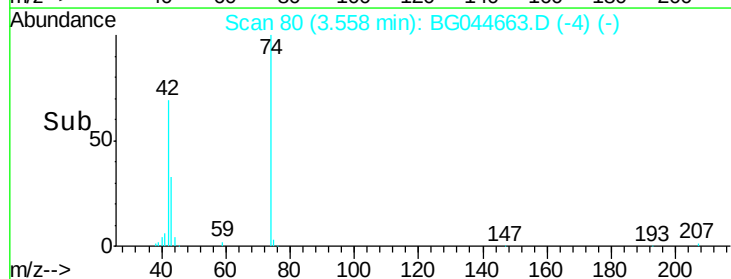
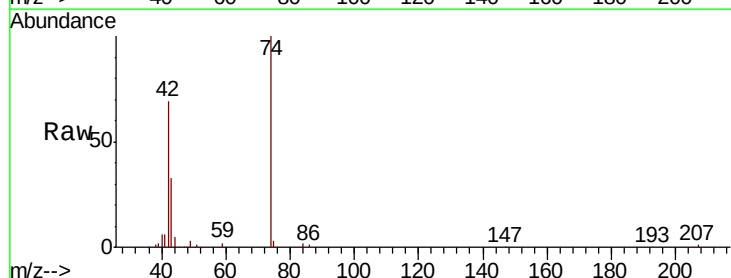
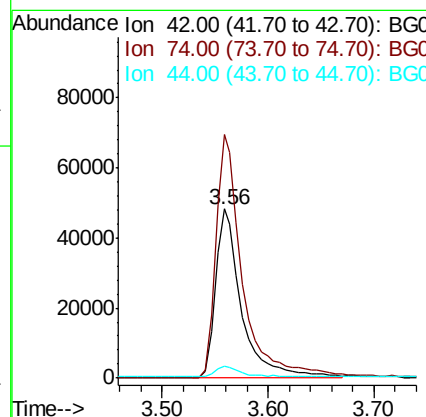
Manual Integrations
 APPROVED

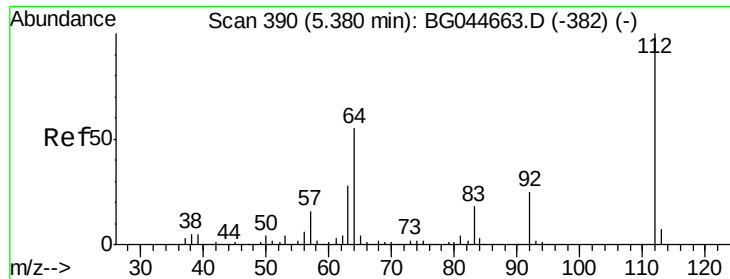
mohammad
 3/4/2020 2:47:22 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.662 ng
 RT: 3.56 min Scan# 80
 Delta R.T. -0.08 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.2	117.6	176.4
44	6.7	6.3	9.5





#5

2-Fluorophenol

Concen: 79.534 ng

RT: 5.38 min Scan# 390

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

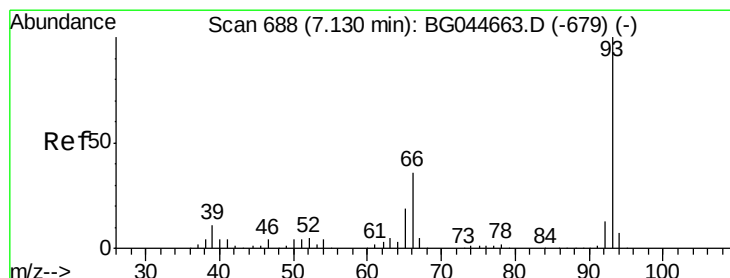
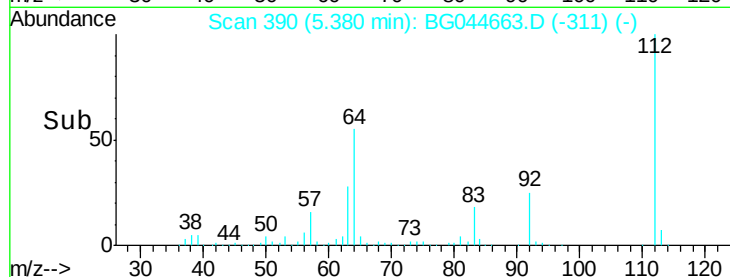
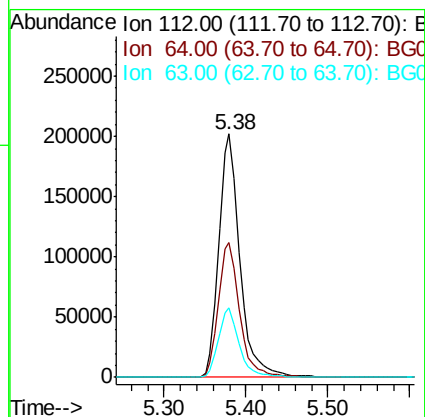
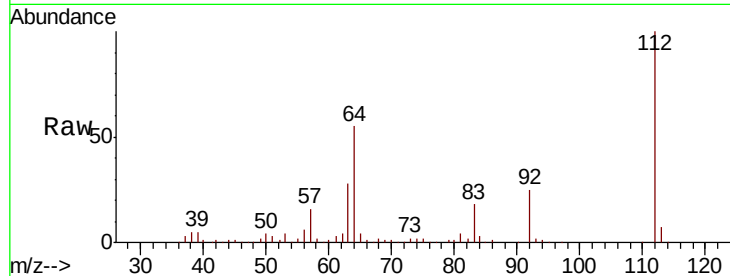
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	363538
Ion Ratio	Lower	Upper	
112	100		
64	55.2	44.8	67.2
63	28.4	22.3	33.5

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM



#6

Aniline

Concen: 37.320 ng

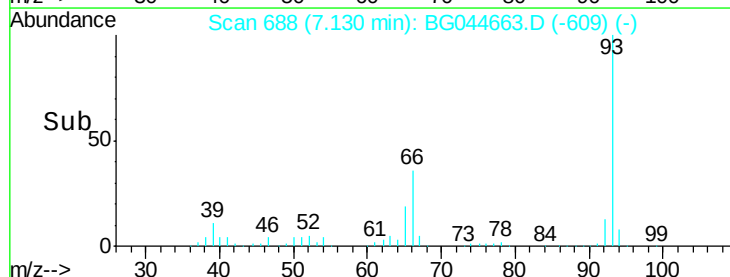
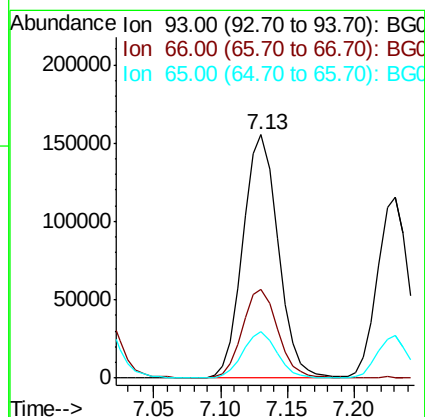
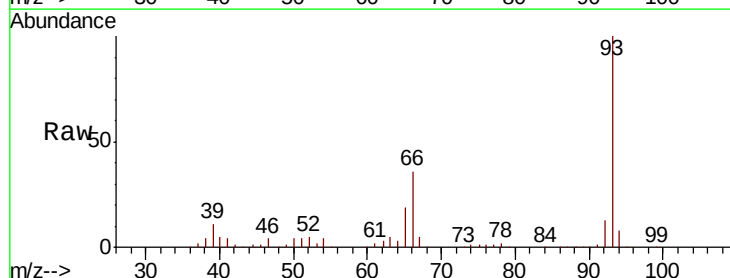
RT: 7.13 min Scan# 688

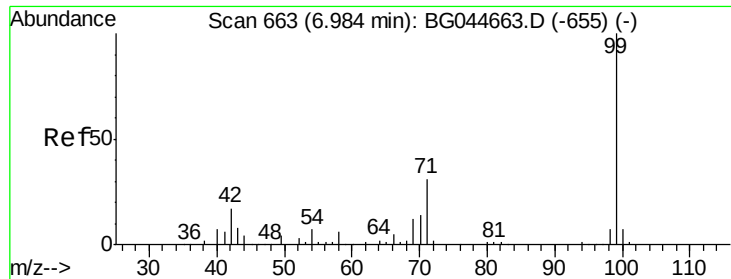
Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:	93	Resp:	284285
Ion Ratio	Lower	Upper	
93	100		
66	36.4	27.8	41.8
65	19.2	14.9	22.3





#7

Phenol-d6

Concen: 75.823 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

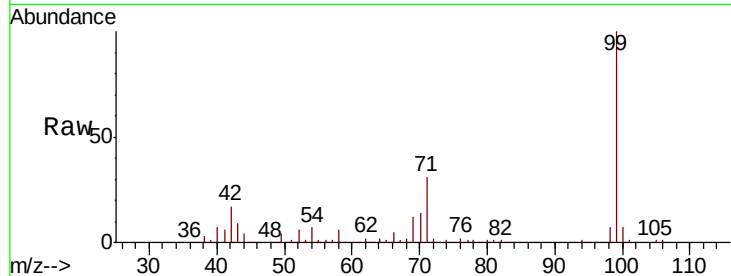
ClientSampleId :

SSTDCCC040

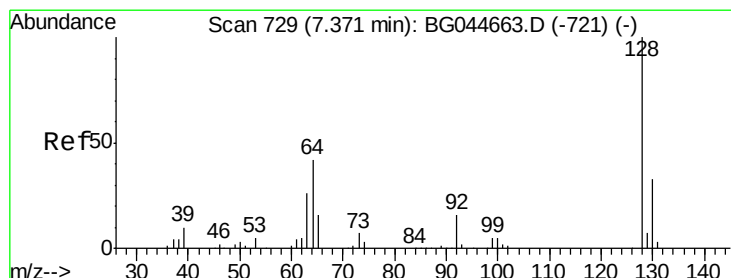
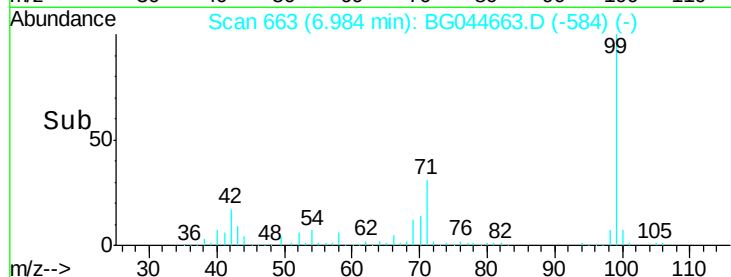
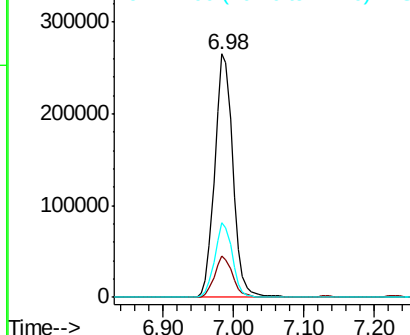
Tot Ion:	99	Resp:	474399
Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.8	19.2
71	30.7	24.4	36.6

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 37.625 ng

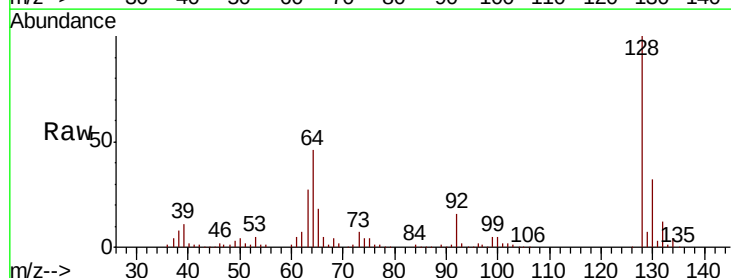
RT: 7.37 min Scan# 729

Delta R.T. -0.07 min

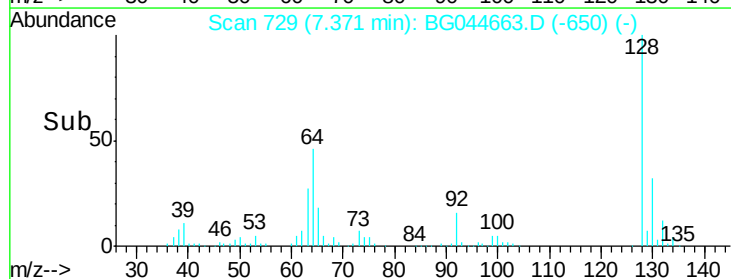
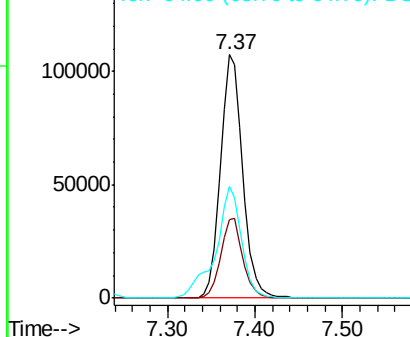
Lab File: BG044663.D

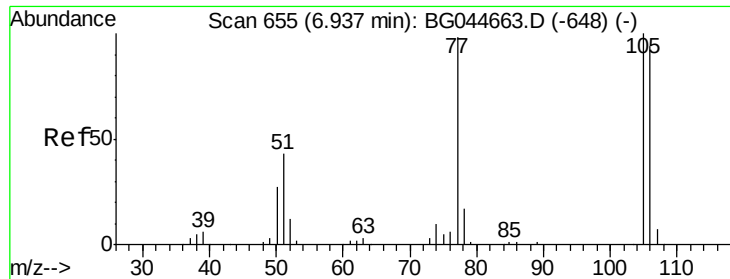
Acq: 3 Mar 2020 15:20

Tgt Ion:	128	Resp:	187733
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	45.7	22.5	62.5



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.064 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 132682

Ion Ratio Lower Upper

77 100

105 102.4 83.6 123.6

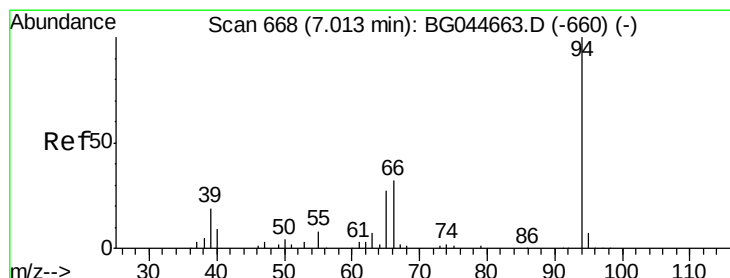
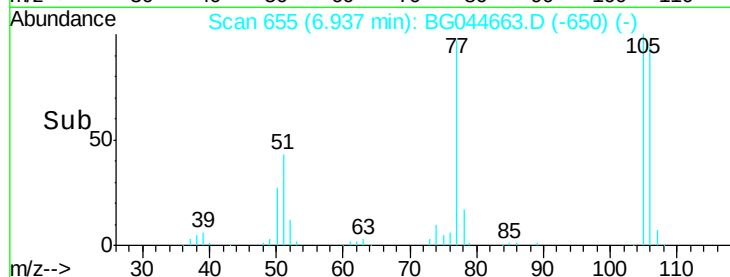
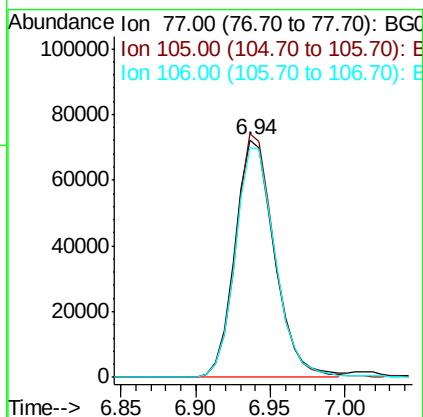
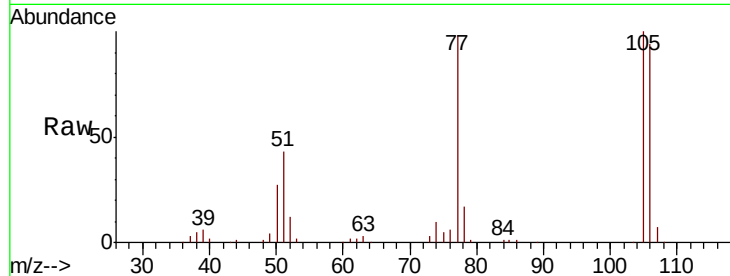
106 96.7 78.2 118.2

Manual Integrations

APPROVED

mohammad

3/4/2020 2:47:22 PM



#10

Phenol

Concen: 37.390 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

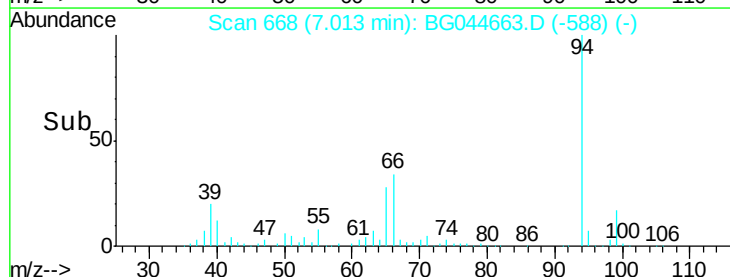
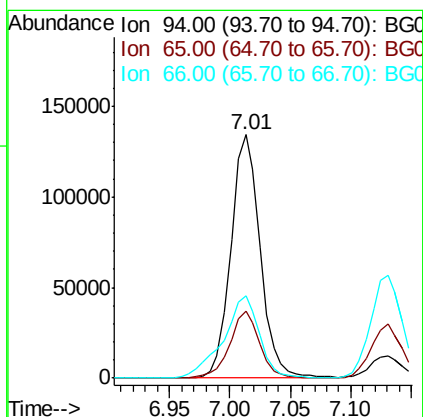
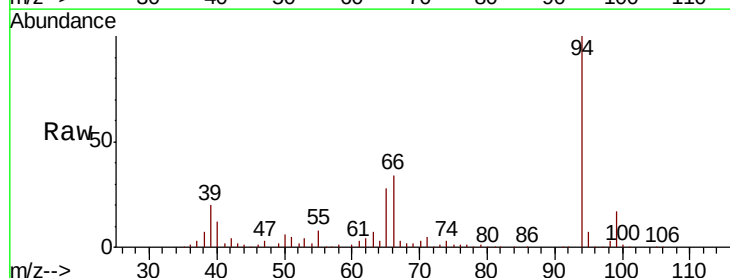
Tgt Ion: 94 Resp: 226701

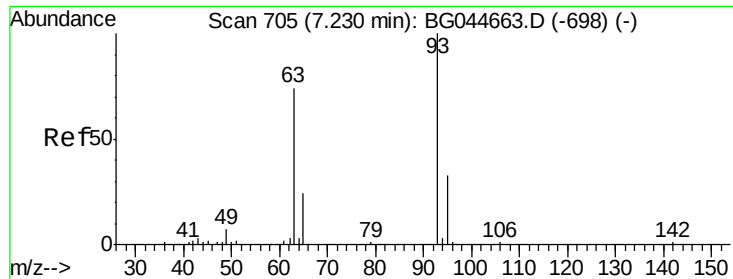
Ion Ratio Lower Upper

94 100

65 27.5 6.4 46.4

66 33.9 13.9 53.9





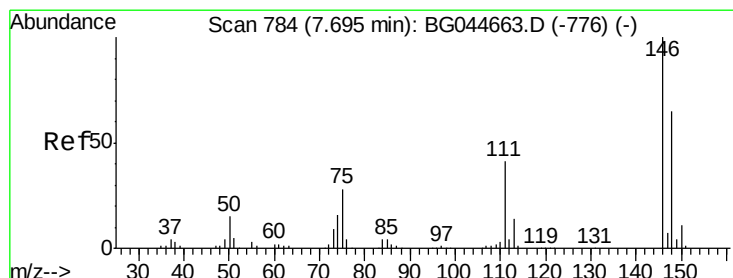
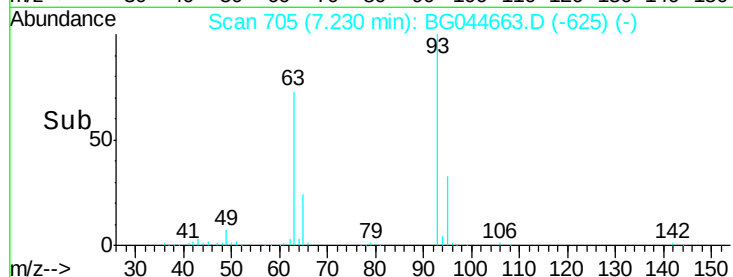
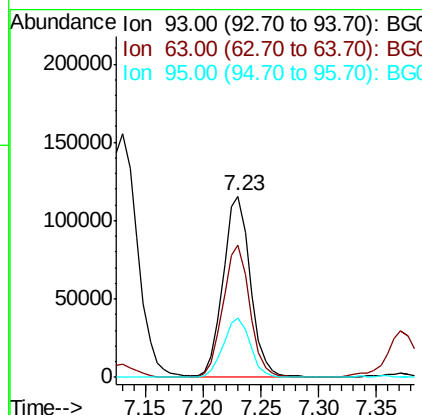
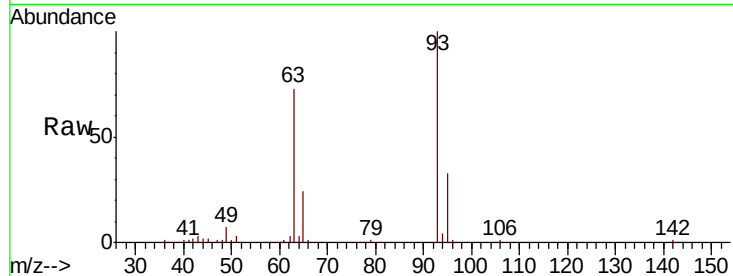
#11
bis(2-Chloroethyl)ether
Concen: 37.333 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	190291
Ion	Ratio	Lower	Upper
93	100		
63	72.9	48.9	88.9
95	33.0	11.3	51.3

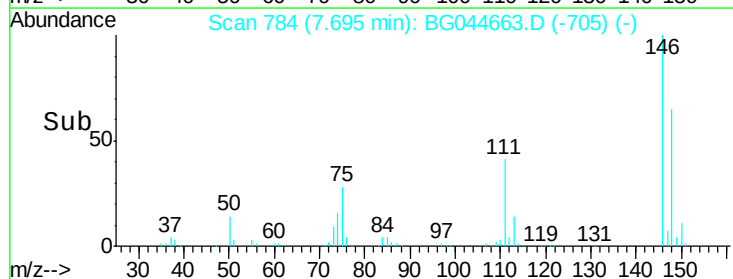
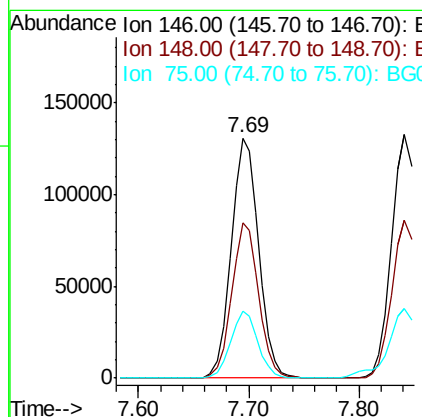
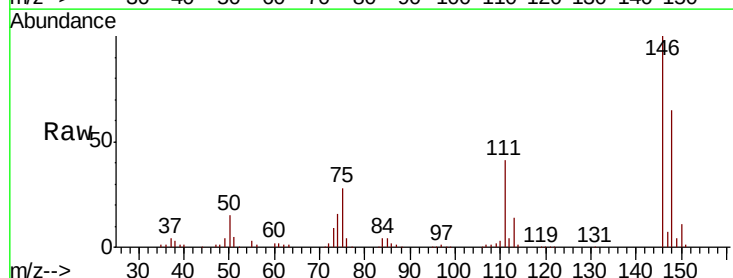
Manual Integrations
APPROVED

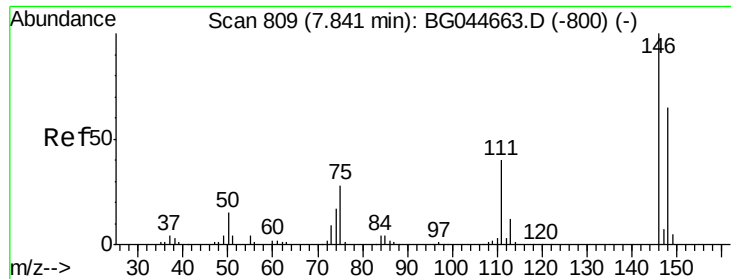
mohammad
3/4/2020 2:47:22 PM



#12
1,3-Dichlorobenzene
Concen: 38.151 ng
RT: 7.69 min Scan# 784
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	146	Resp	227043
Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
75	28.1	21.4	32.0





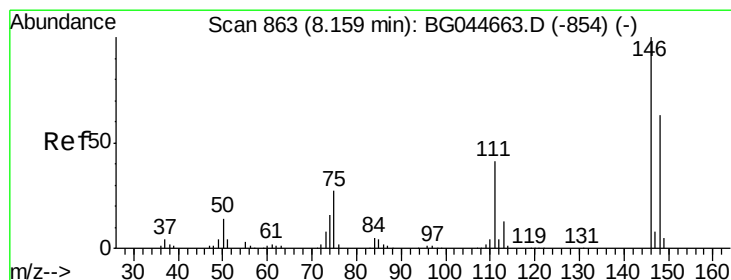
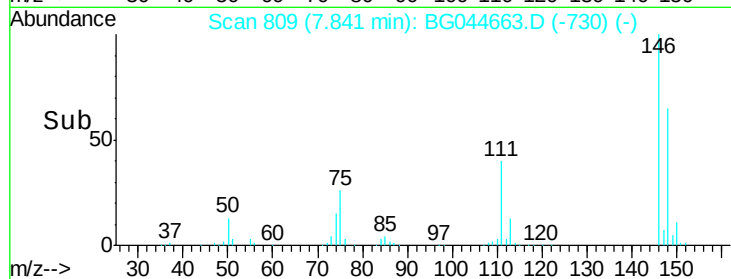
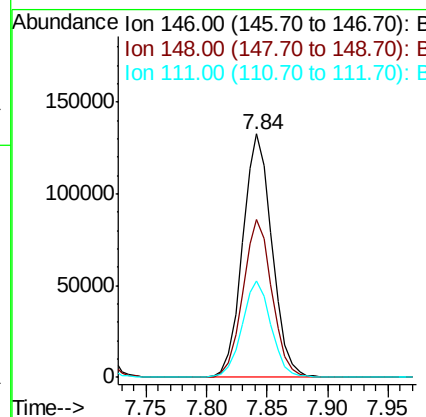
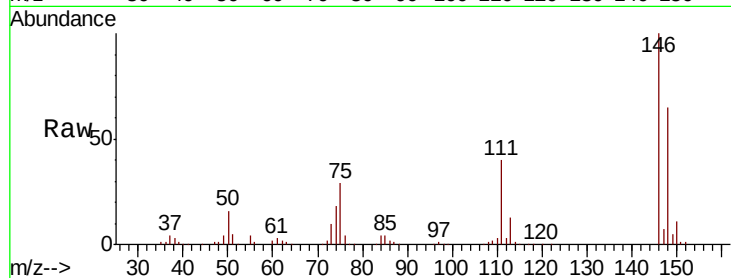
#13
 1,4-Dichlorobenzene
 Concen: 37.639 ng
 RT: 7.84 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	39.8	30.8	46.2

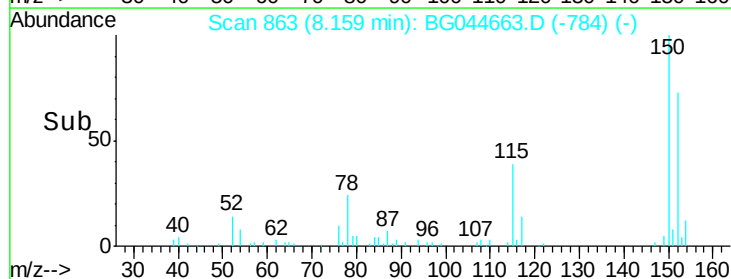
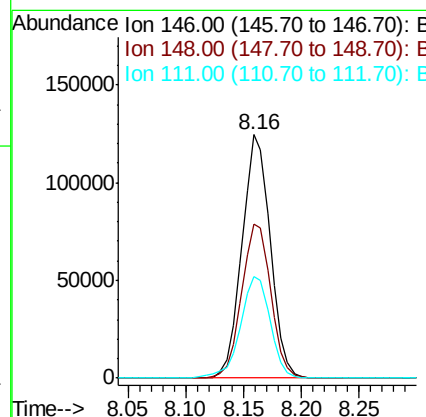
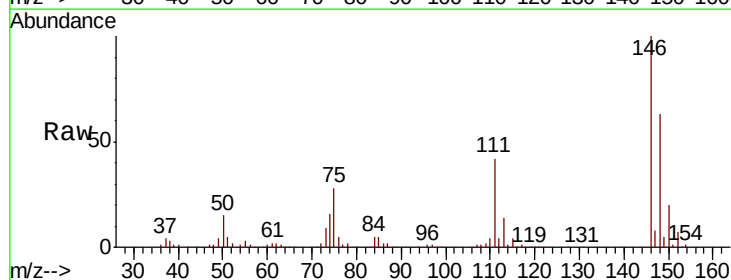
Manual Integrations
 APPROVED

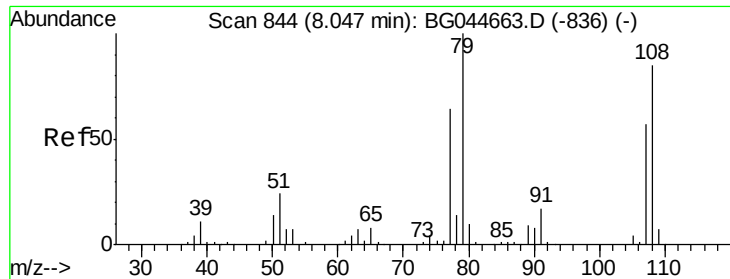
mohammad
 3/4/2020 2:47:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.142 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.07 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.7	76.1
111	41.6	31.8	47.6





#15

Benzyl Alcohol

Concen: 38.104 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

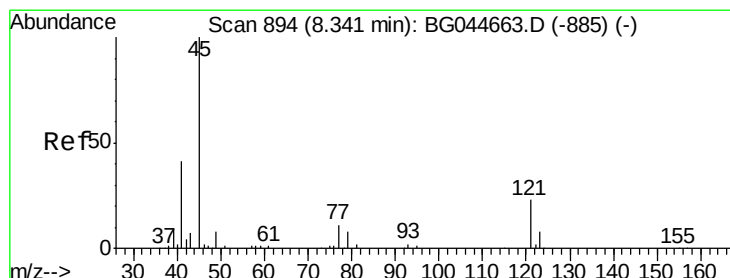
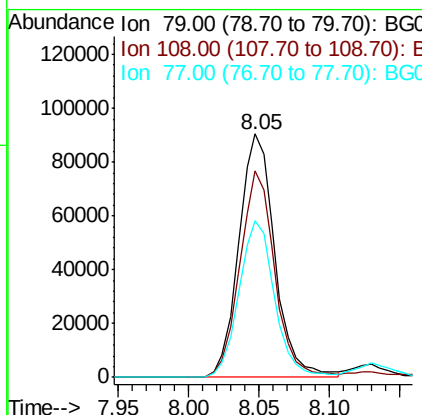
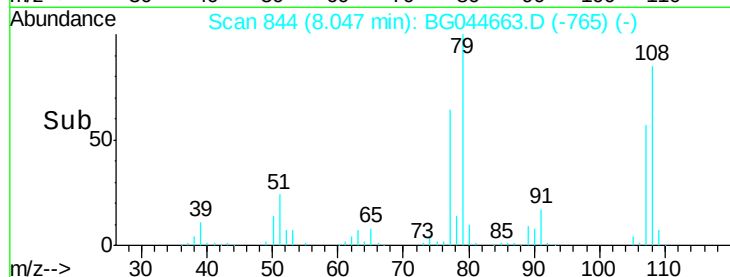
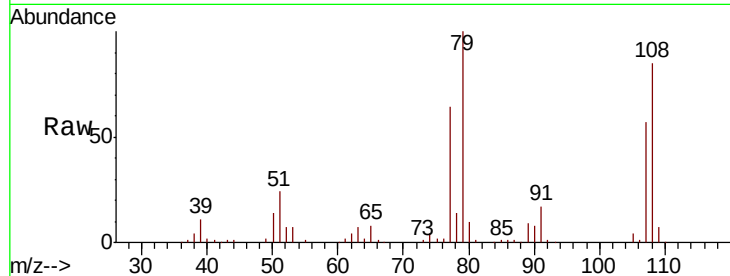
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	160784
Ion	Ratio	Lower	Upper
79	100		
108	84.6	66.0	99.0
77	64.3	49.6	74.4

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.735 ng

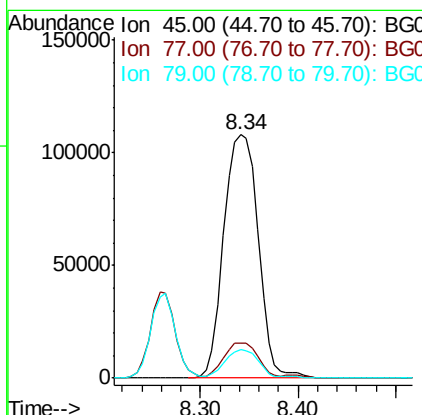
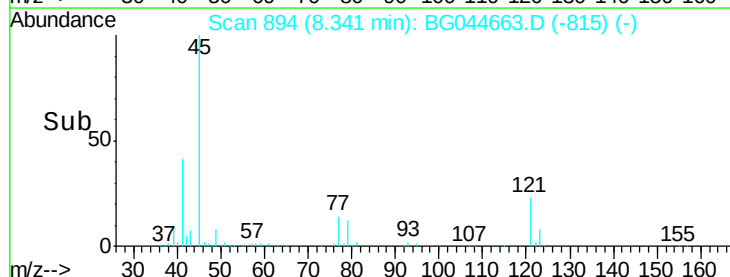
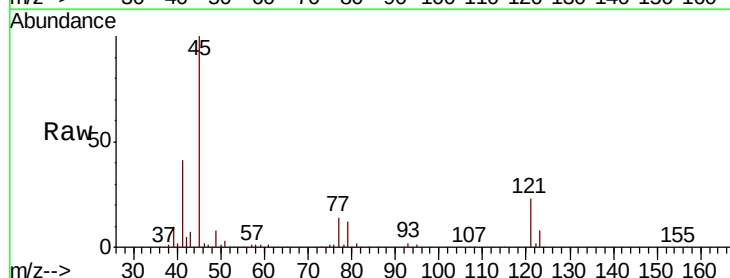
RT: 8.34 min Scan# 894

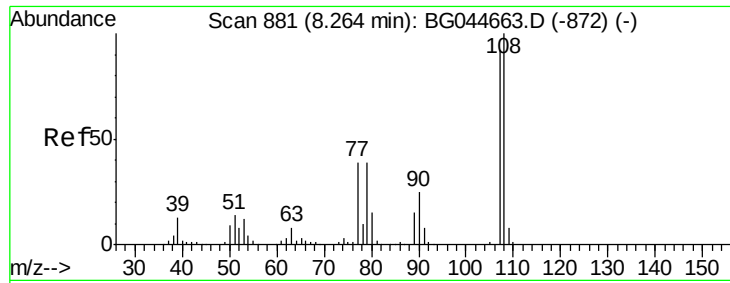
Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:	45	Resp:	265345
Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	34.4
79	11.5	0.0	32.3





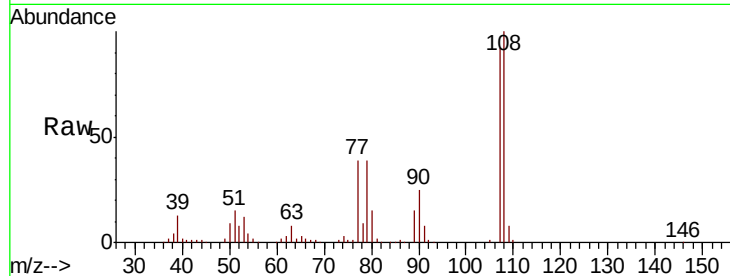
#17
2-Methylphenol
Concen: 36.759 ng
RT: 8.26 min Scan# 881
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

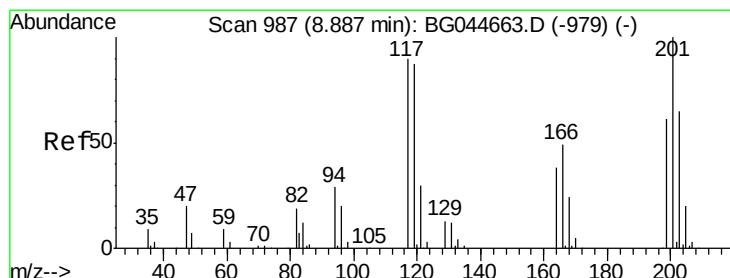
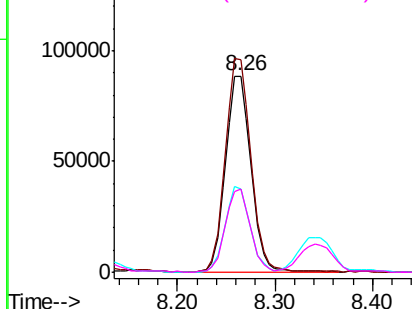
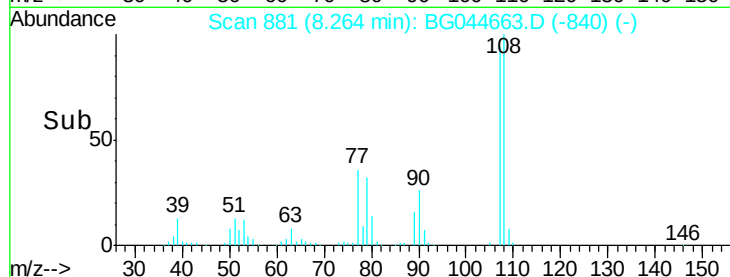
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	159220		
108	108.00	108.5		91.7	137.5
77	77.00	42.7		35.1	52.7
79	79.00	42.4		33.2	49.8

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM

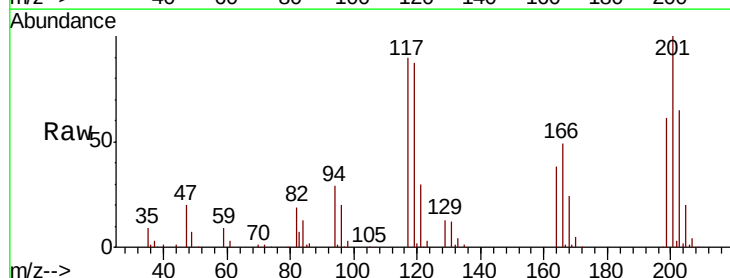


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

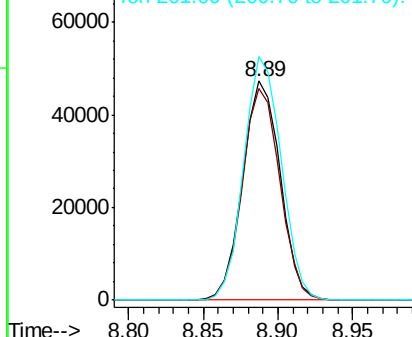
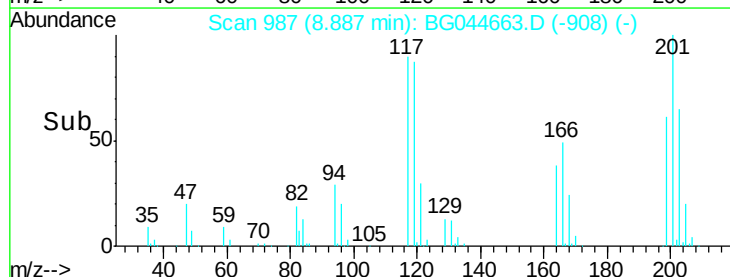


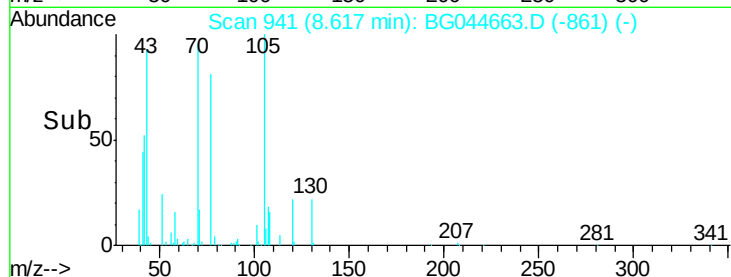
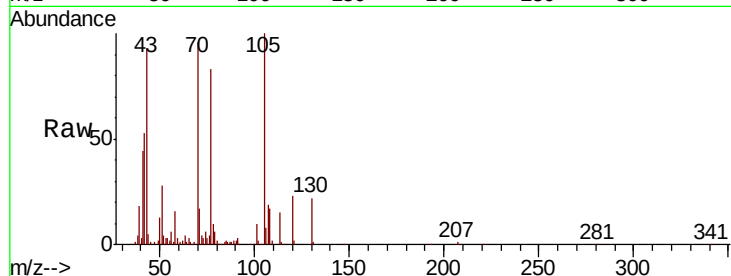
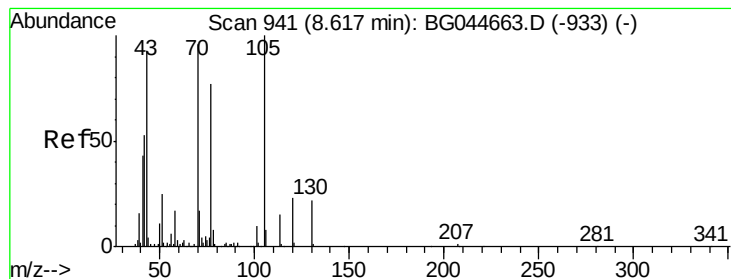
#18
Hexachloroethane
Concen: 37.734 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	82478		
119	119.00	96.6		80.0	120.0
201	201.00	111.2		90.5	135.7



Abundance Ion 117.00 (116.70 to 117.70): E
60000
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: 36.162 ng

RT: 8.62 min Scan# 941

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampled :

SSTDCCC040

Tot Ion: 70 Resp: 145435

Ion Ratio Lower Upper

70 100

42 55.2 43.4 65.0

101 10.2 7.5 11.3

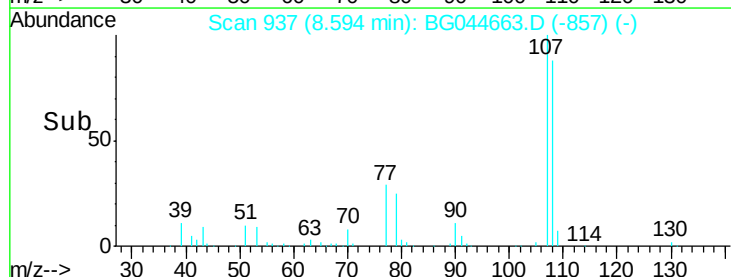
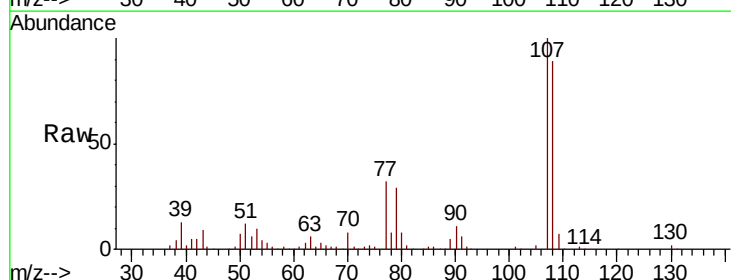
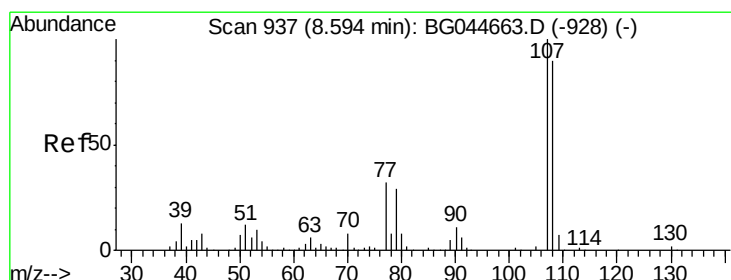
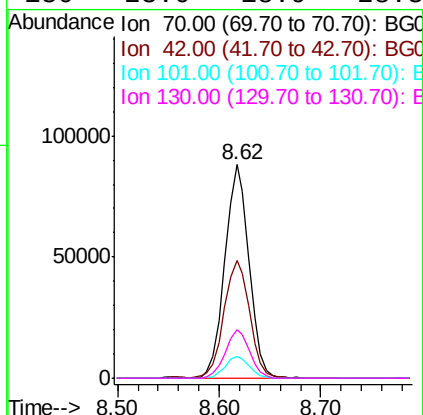
130 23.0 18.9 28.3

Manual Integrations

APPROVED

mohammad

3/4/2020 2:47:22 PM



#20

3+4-Methylphenols

Concen: 36.726 ng

RT: 8.59 min Scan# 937

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion: 107 Resp: 217791

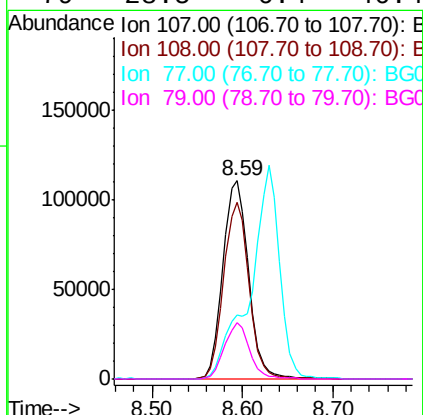
Ion Ratio Lower Upper

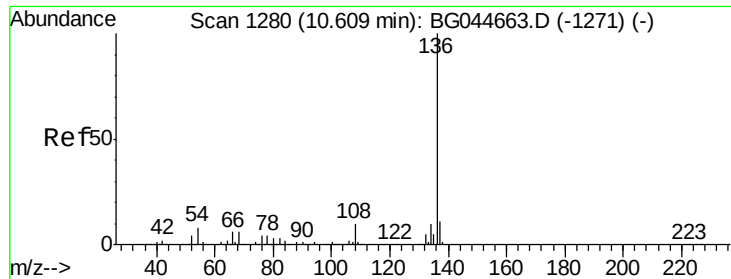
107 100

108 89.5 67.5 107.5

77 32.3 11.3 51.3

79 28.5 6.4 46.4





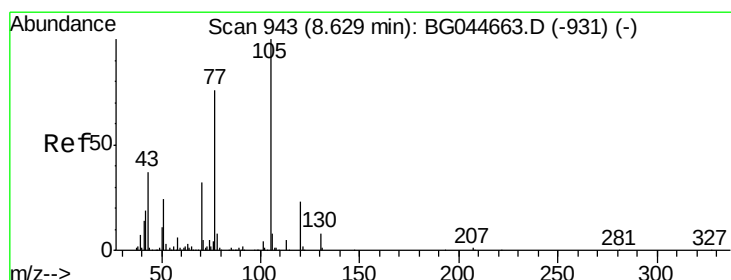
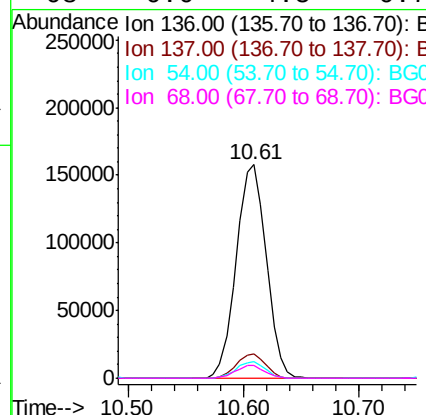
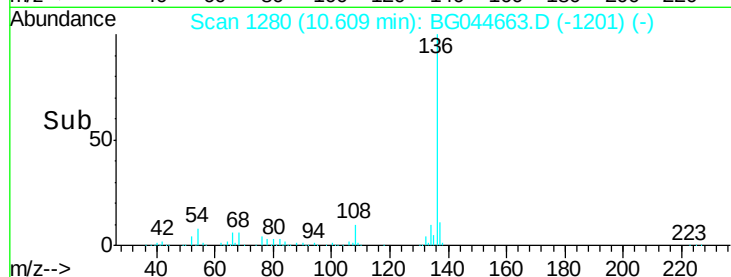
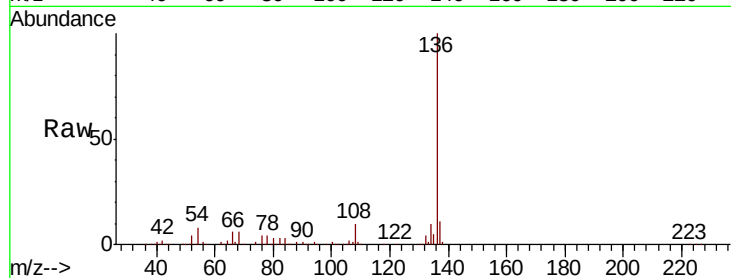
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	284634		
137	11.3		8.8	13.2
54	7.7		5.7	8.5
68	6.0		4.5	6.7

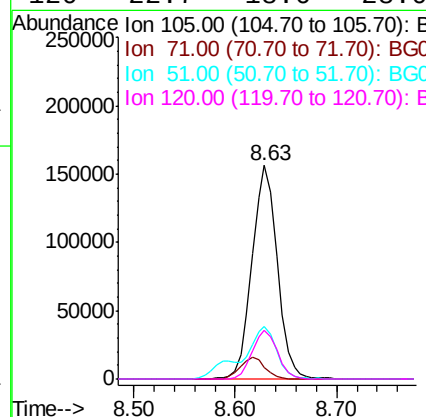
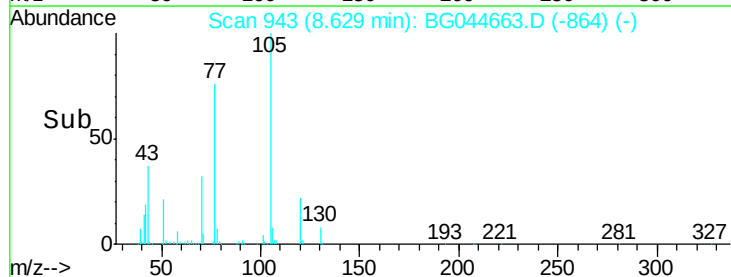
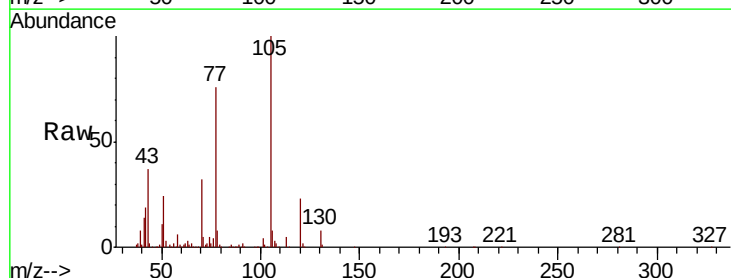
Manual Integrations
APPROVED

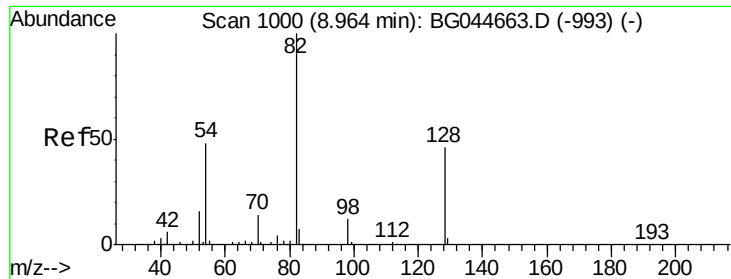
mohammad
3/4/2020 2:47:22 PM



#22
Acetophenone
Concen: 37.856 ng
RT: 8.63 min Scan# 943
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270526		
71	5.2		2.8	4.2#
51	24.5		19.9	29.9
120	22.7		18.6	28.0





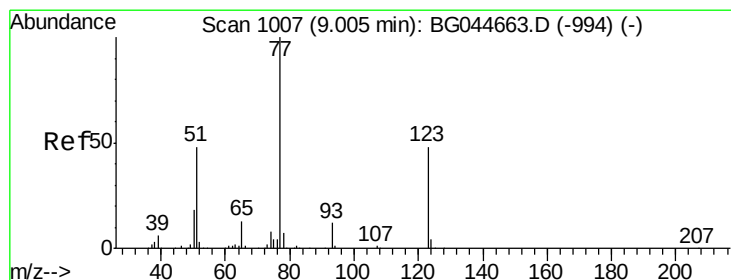
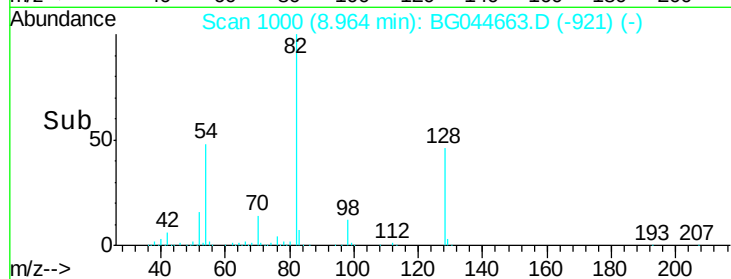
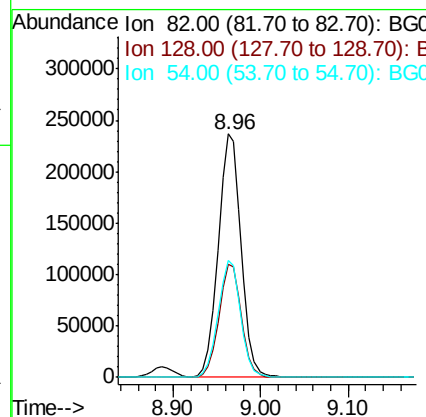
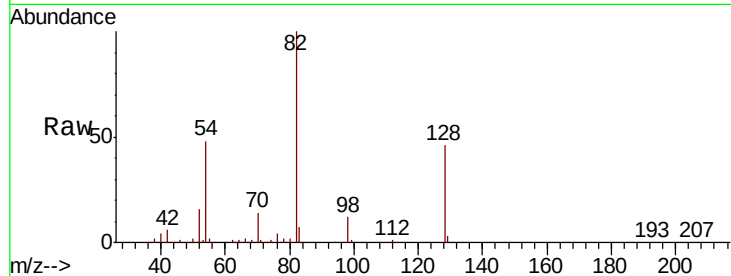
#23
 Nitrobenzene-d5
 Concen: 77.347 ng
 RT: 8.96 min Scan# 1000
 Delta R.T. -0.07 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	427333
Ion Ratio	100	Lower	Upper
128	46.3	38.1	57.1
54	47.9	37.5	56.3

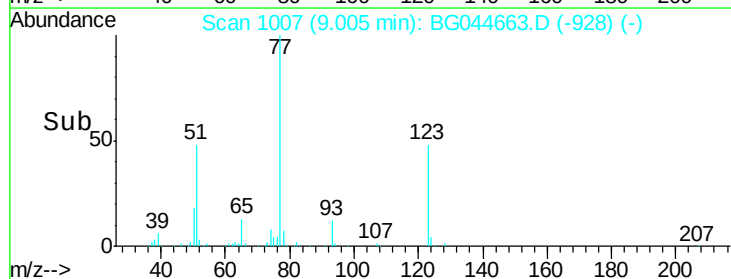
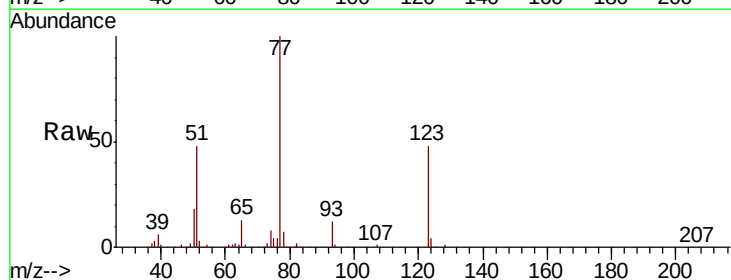
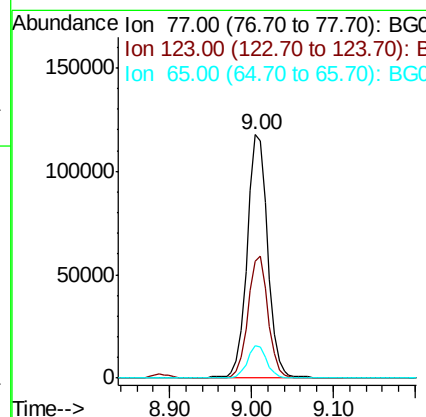
Manual Integrations
 APPROVED

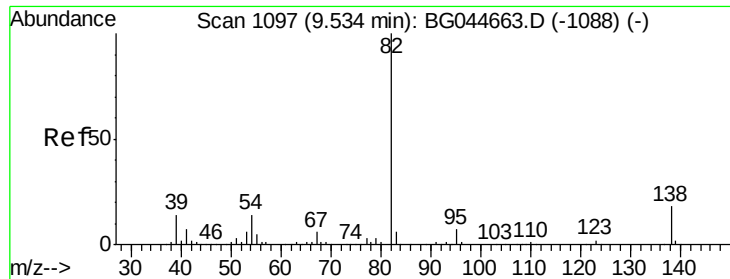
mohammad
 3/4/2020 2:47:22 PM



#24
 Nitrobenzene
 Concen: 38.552 ng
 RT: 9.00 min Scan# 1007
 Delta R.T. -0.07 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion	77	Resp	206354
Ion Ratio	100	Lower	Upper
123	48.1	40.1	60.1
65	13.4	10.4	15.6





#25

Isophorone

Concen: 37.759 ng

RT: 9.53 min Scan# 1097

Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

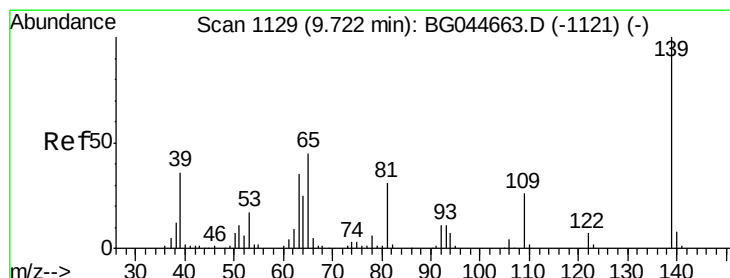
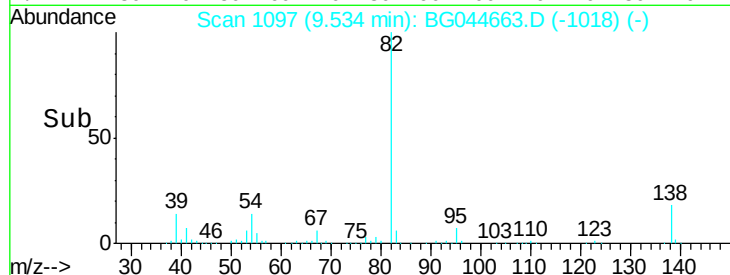
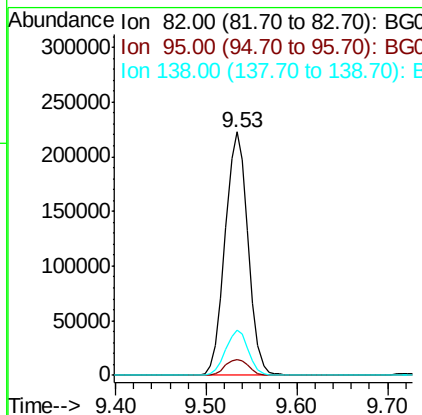
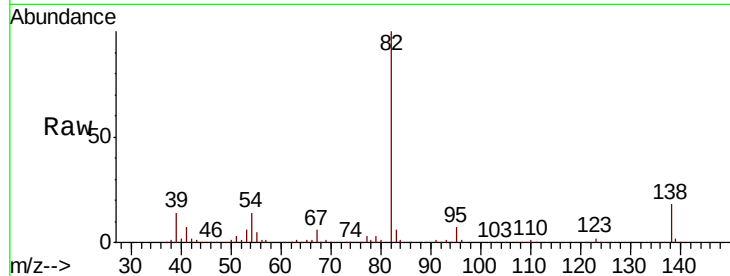
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	390260
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	18.4	14.7	22.1

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM



#26

2-Nitrophenol

Concen: 38.061 ng

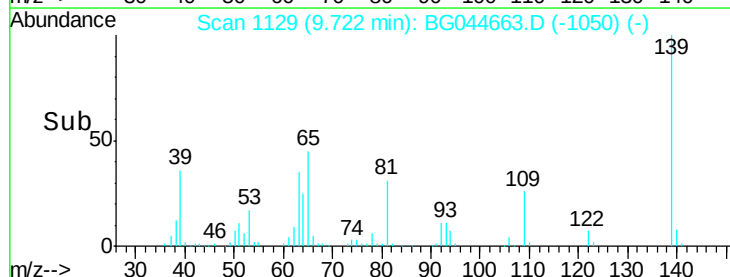
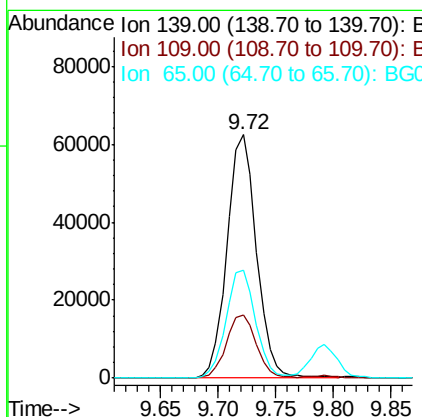
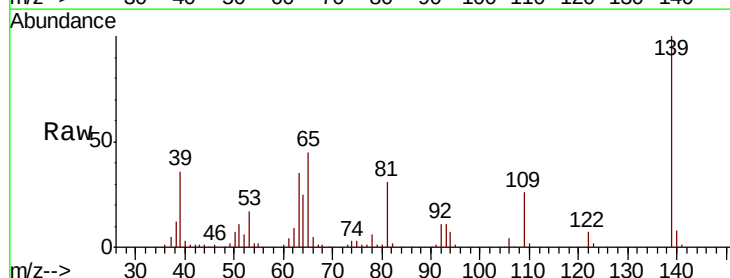
RT: 9.72 min Scan# 1129

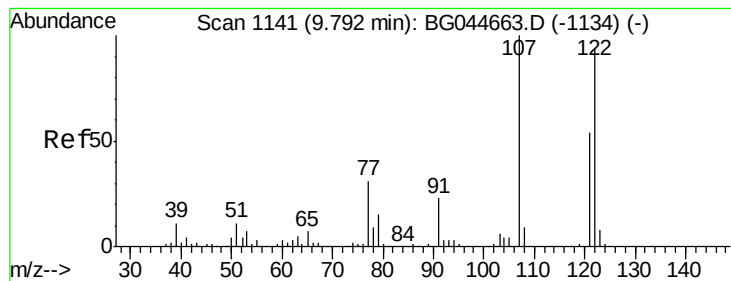
Delta R.T. -0.07 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:	139	Resp:	110486
Ion Ratio	Lower	Upper	
139	100		
109	25.8	20.6	31.0
65	44.5	33.3	49.9





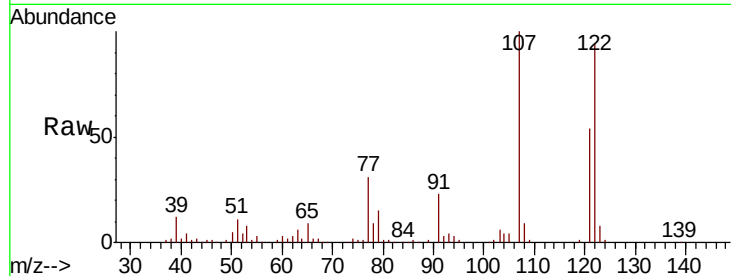
#27
2,4-Dimethylphenol
Concen: 37.571 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	153135		
107	106.3	89.4	134.0	
121	57.9	46.5	69.7	

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM

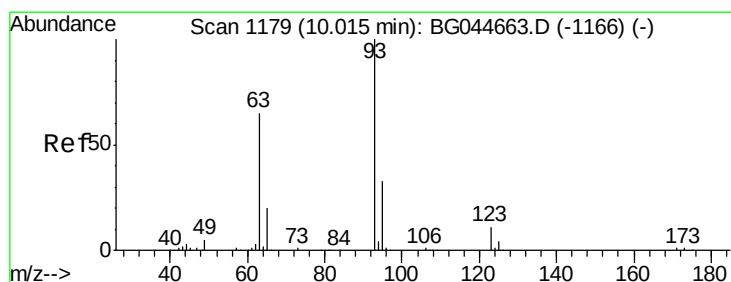
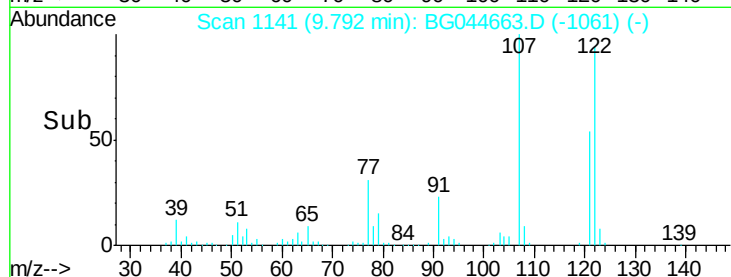
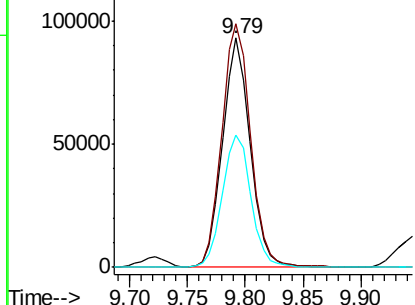


Abundance

Ion 122.00 (121.70 to 122.70): E

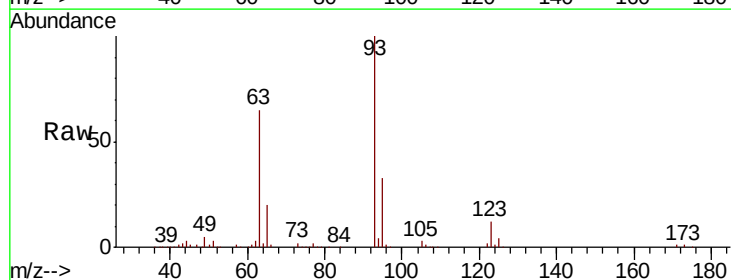
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.894 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	259002		
95	33.4	26.5	39.7	
123	11.7	9.7	14.5	

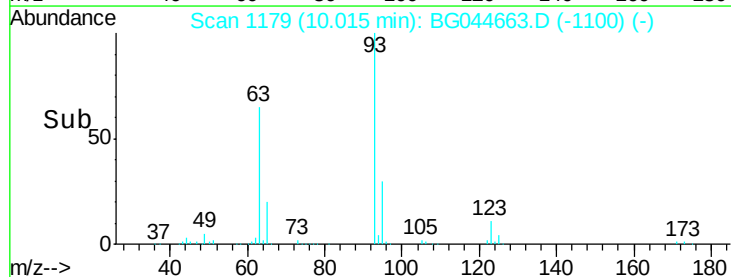
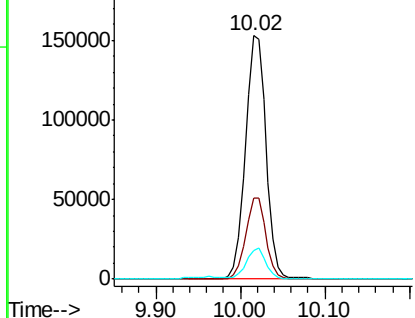


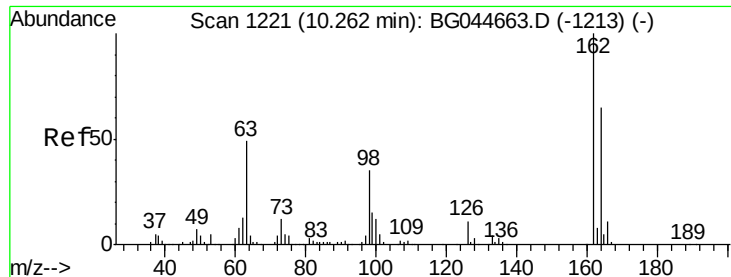
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





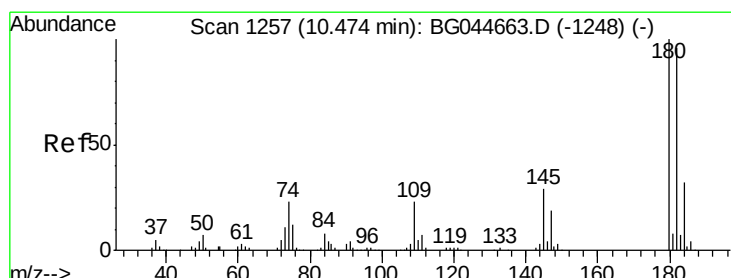
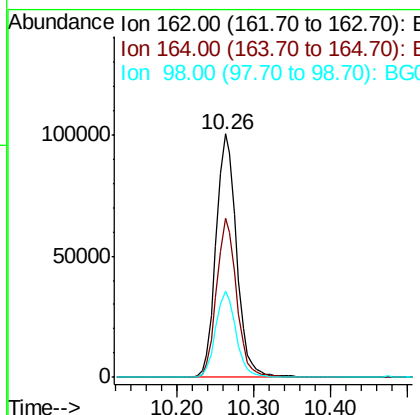
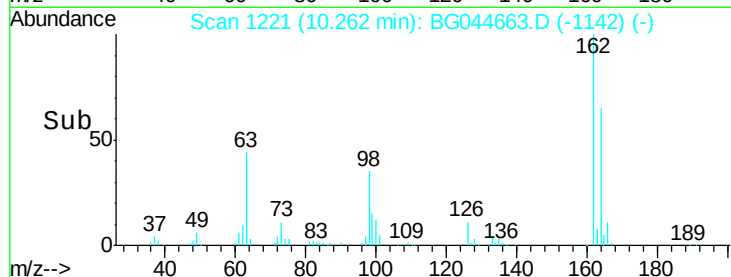
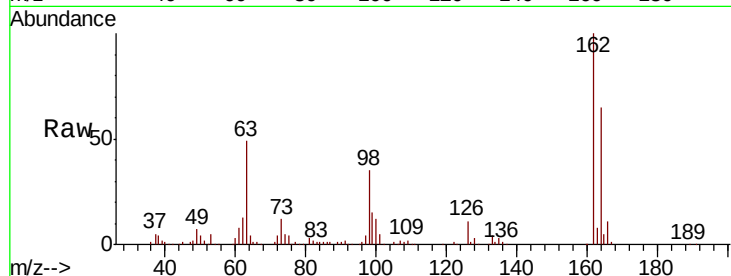
#29
2,4-Dichlorophenol
Concen: 37.906 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	184715		
164	65.2	43.2	83.2	
98	35.1	13.2	53.2	

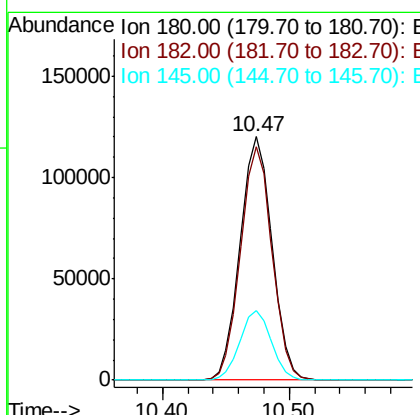
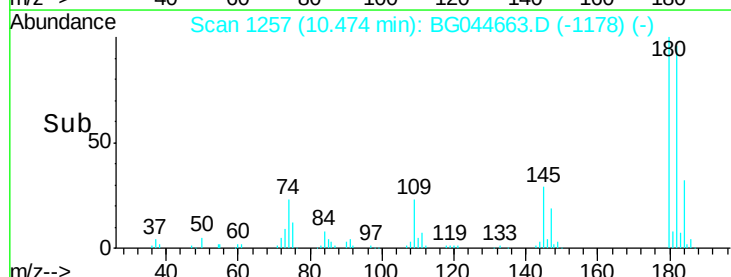
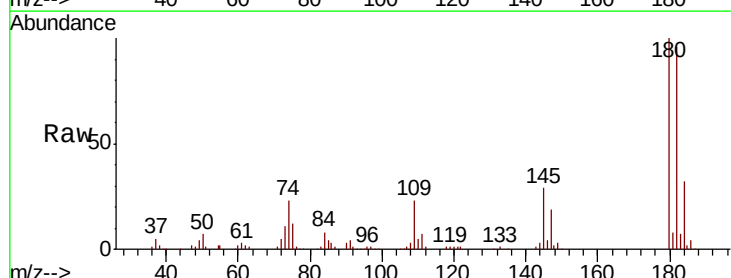
Manual Integrations
APPROVED

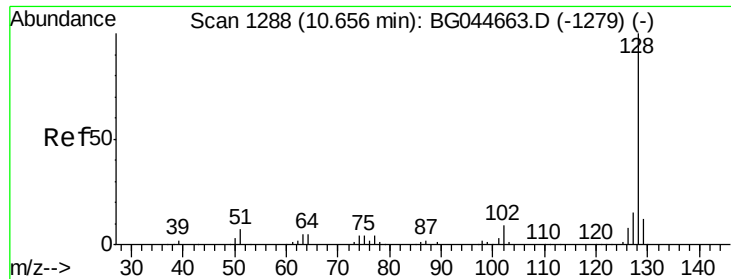
mohammad
3/4/2020 2:47:22 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.358 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	210532		
182	96.0	75.6	113.4	
145	28.6	22.2	33.2	





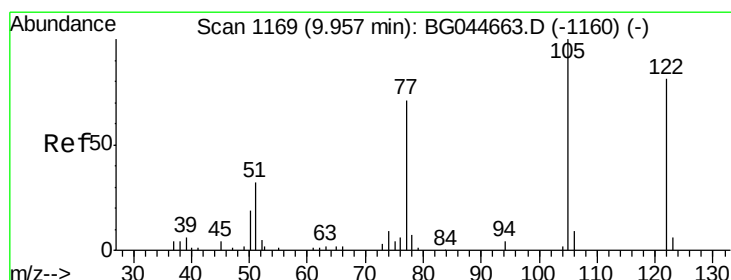
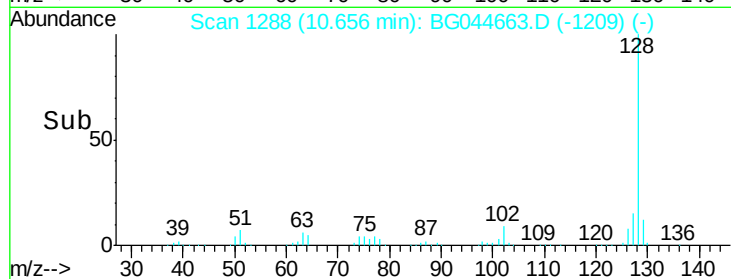
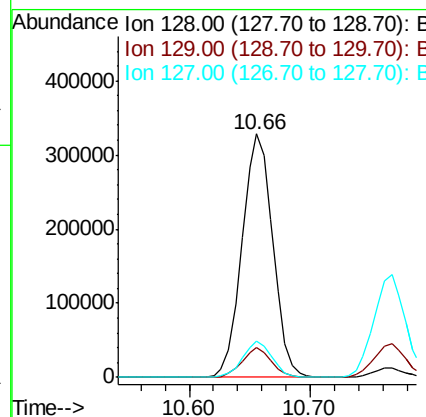
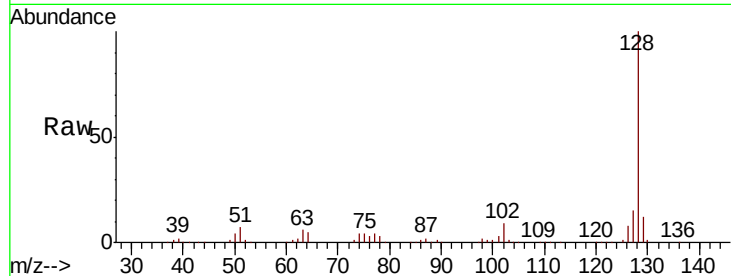
#31
Naphthalene
Concen: 37.513 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	14.6	11.0	16.4

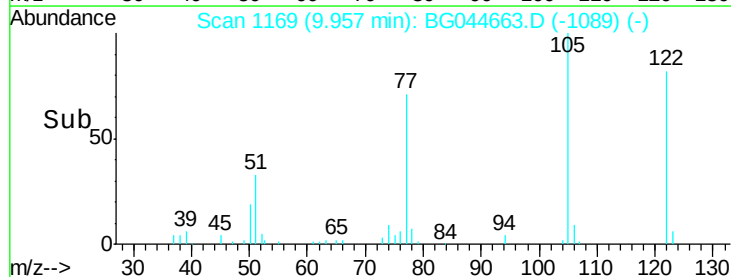
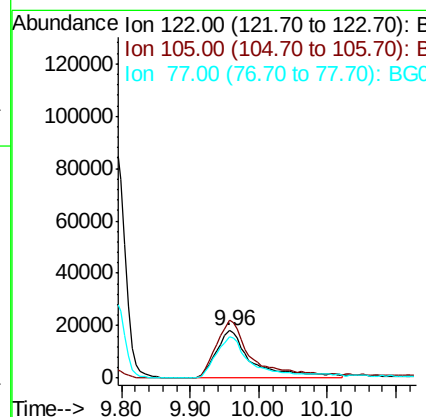
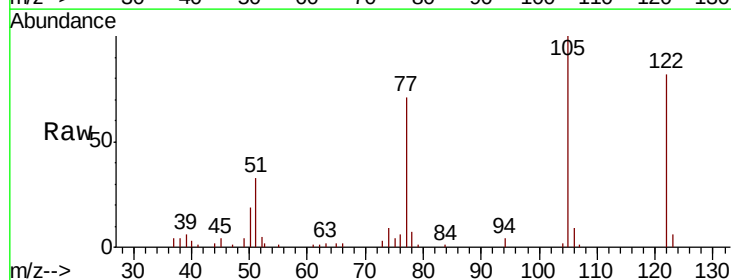
Manual Integrations
APPROVED

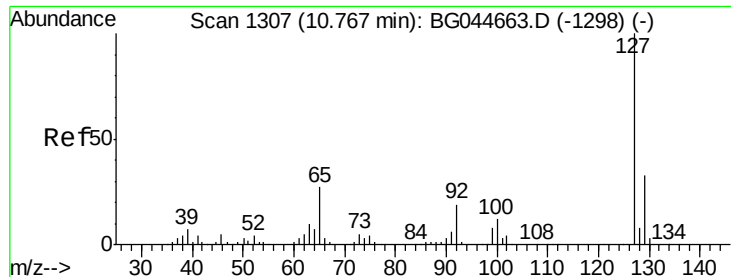
mohammad
3/4/2020 2:47:22 PM



#32
Benzoic acid
Concen: 45.192 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	101.4	141.4
77	87.6	69.8	109.8





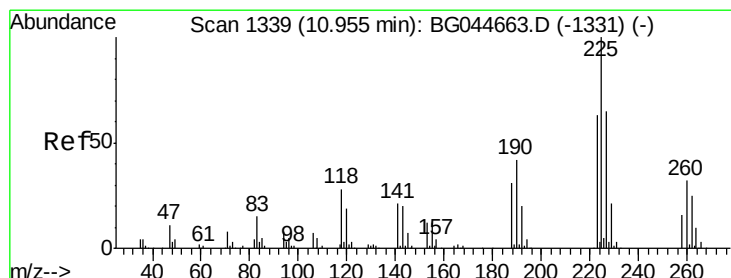
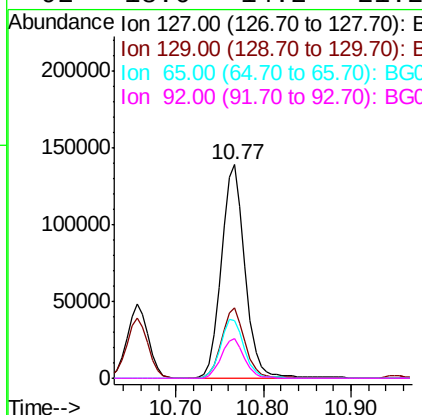
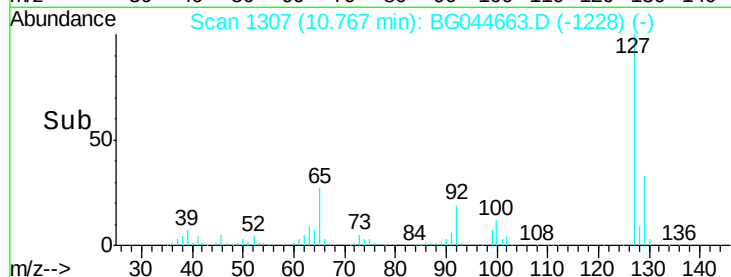
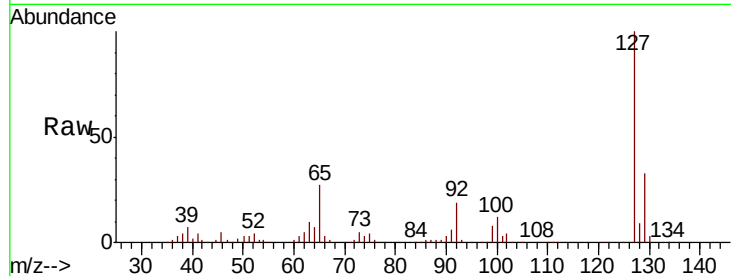
#33
4-Chloroaniline
Concen: 37.825 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		258755		
129	32.9	25.9	38.9		
65	27.1	20.7	31.1		
92	18.6	14.2	21.2		

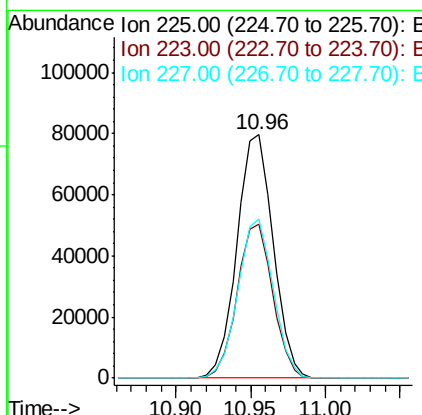
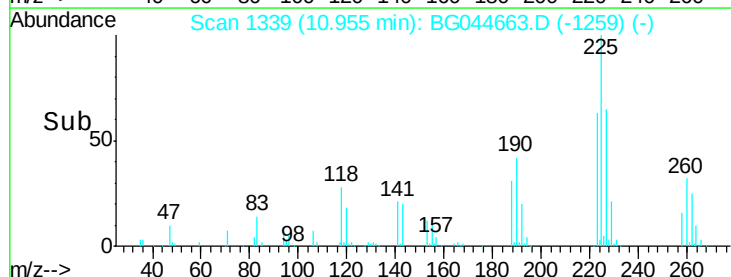
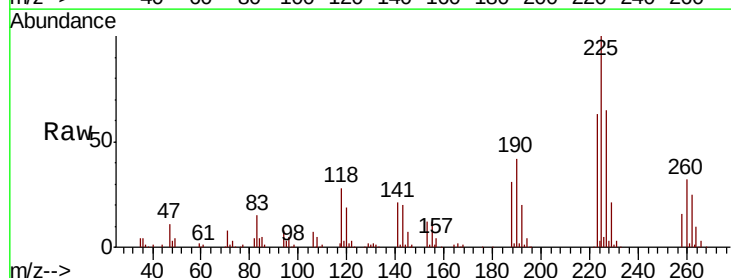
Manual Integrations
APPROVED

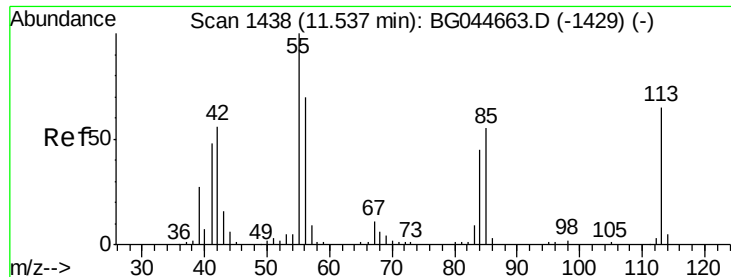
mohammad
3/4/2020 2:47:22 PM



#34
Hexachlorobutadiene
Concen: 37.897 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		134122		
223	63.3	50.6	76.0		
227	65.3	52.1	78.1		





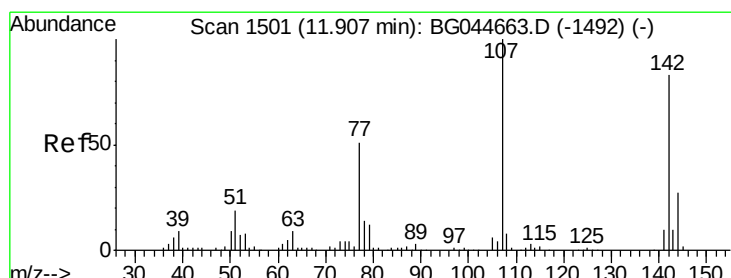
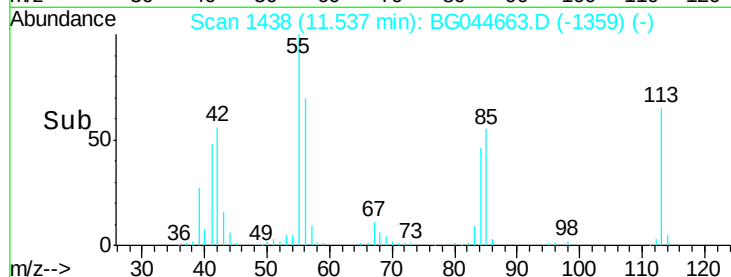
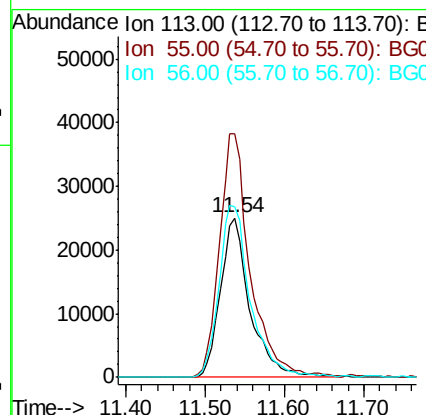
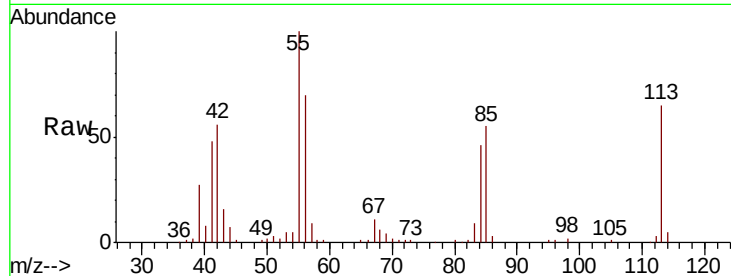
#35
Caprolactam
Concen: 37.222 ng
RT: 11.54 min Scan# 1438
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 64931
Ion Ratio Lower Upper
113 100
55 152.8 127.8 167.8
56 107.4 86.9 126.9

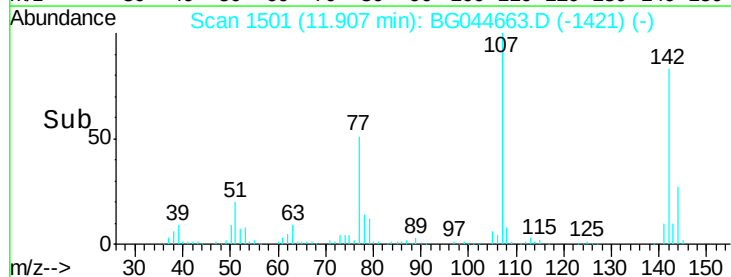
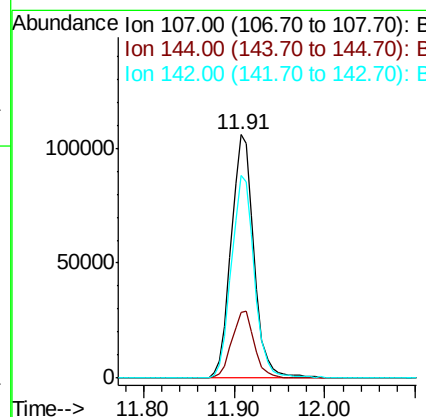
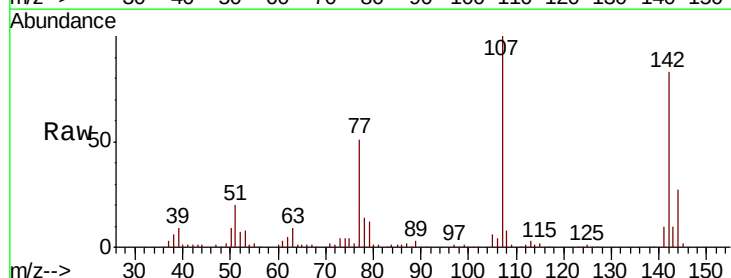
Manual Integrations
APPROVED

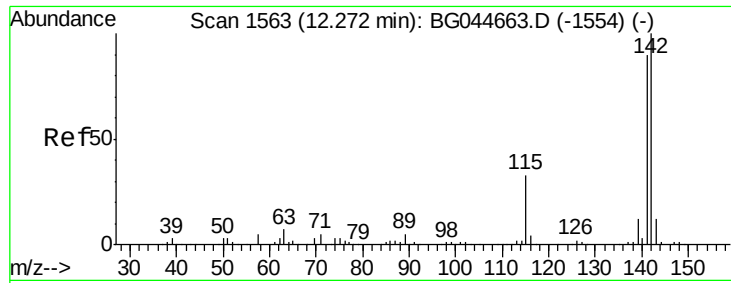
mohammad
3/4/2020 2:47:22 PM



#36
4-Chloro-3-methylphenol
Concen: 37.098 ng
RT: 11.91 min Scan# 1501
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:107 Resp: 186083
Ion Ratio Lower Upper
107 100
144 27.0 22.3 33.5
142 83.0 69.3 103.9





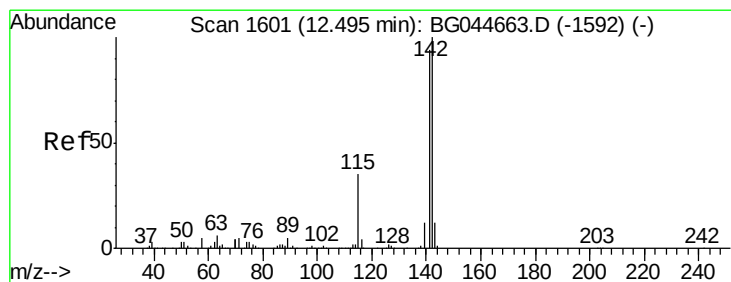
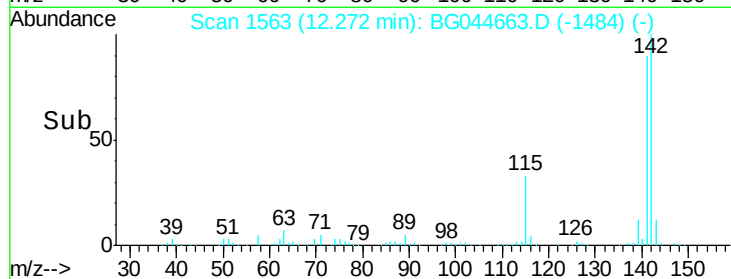
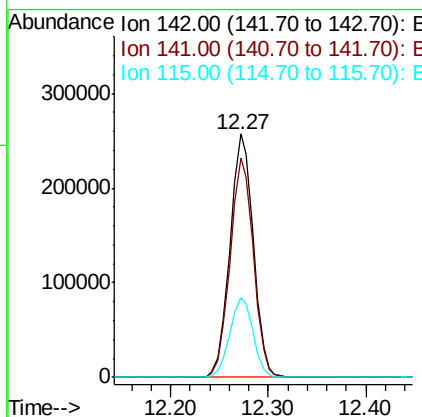
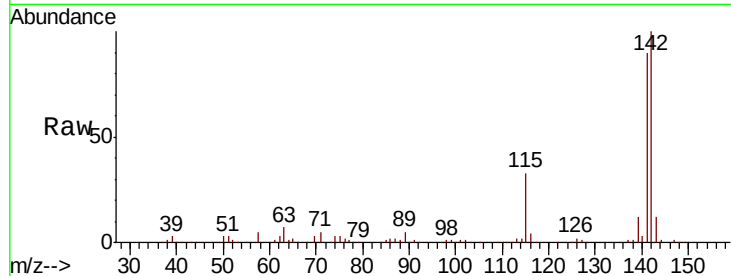
#37
2-Methylnaphthalene
Concen: 37.061 ng
RT: 12.27 min Scan# 1563
Delta R.T. -0.07 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	33.0	26.2	39.2

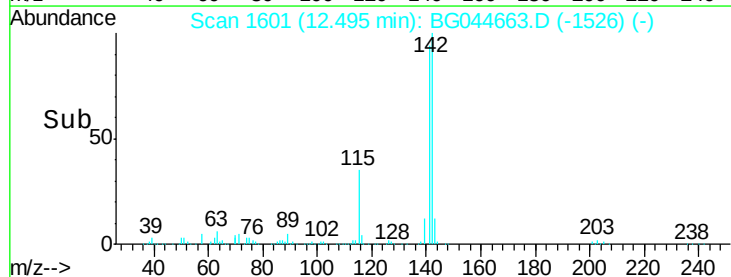
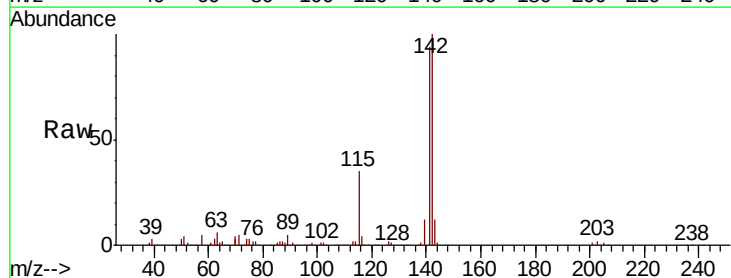
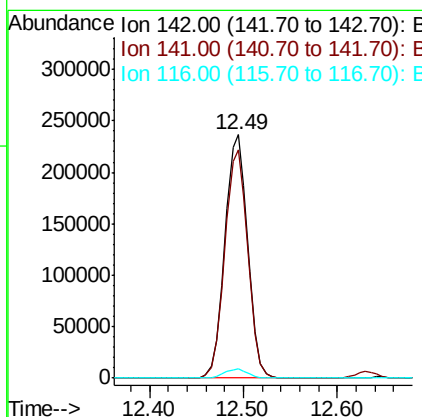
Manual Integrations
APPROVED

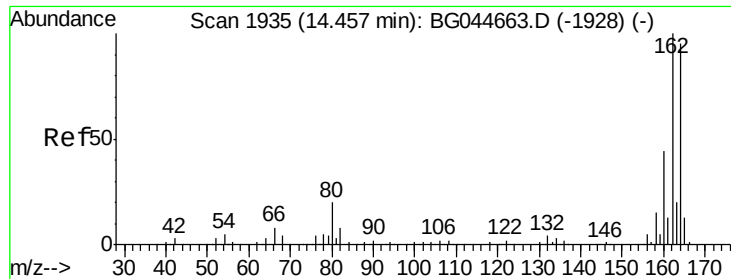
mohammad
3/4/2020 2:47:22 PM



#38
1-Methylnaphthalene
Concen: 36.447 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.1	112.7
116	3.8	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

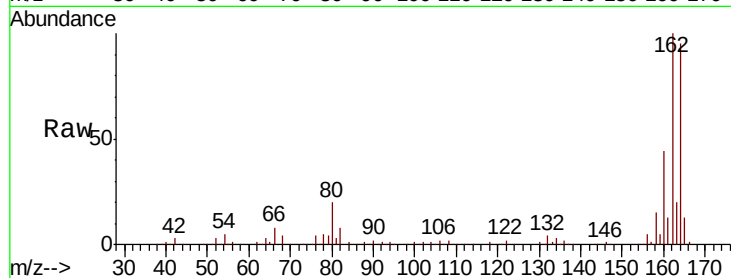
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	176305
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.6	125.4
160	46.1	36.2	54.4

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM

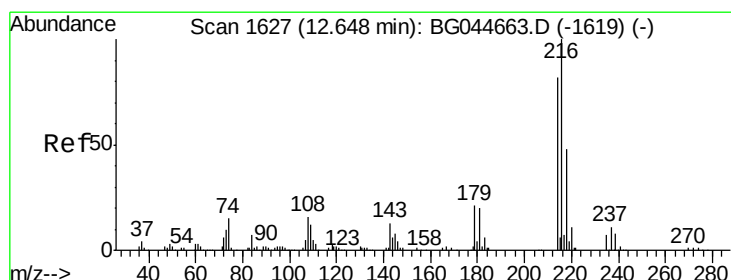
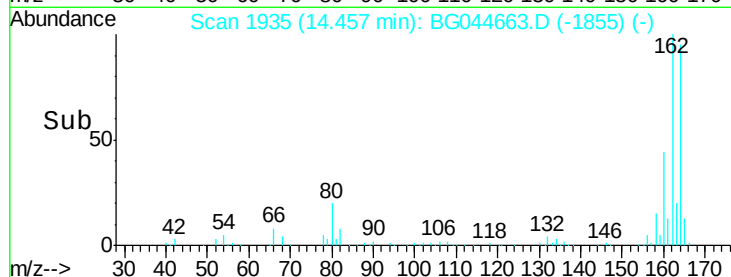
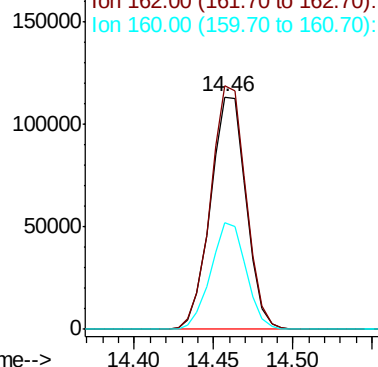


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.472 ng

RT: 12.65 min Scan# 1627

Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:	216	Resp:	222408
Ion Ratio	Lower	Upper	
216	100		
214	80.6	63.3	94.9
179	20.6	16.2	24.2
108	16.6	12.6	18.8

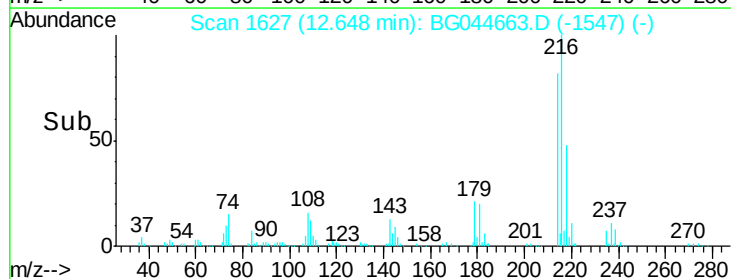
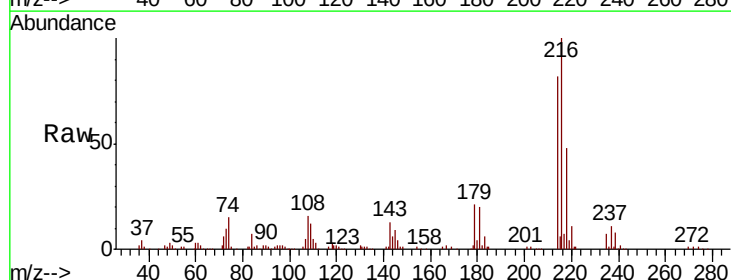
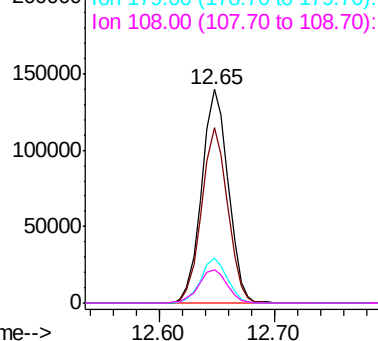
Abundance

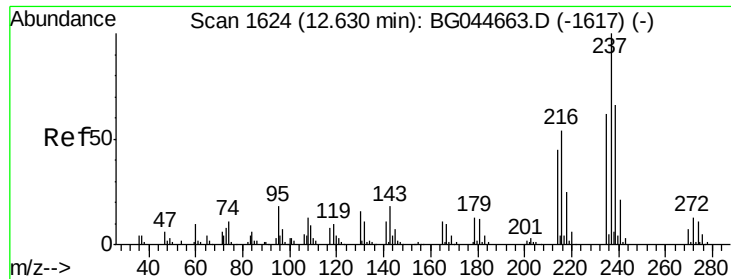
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





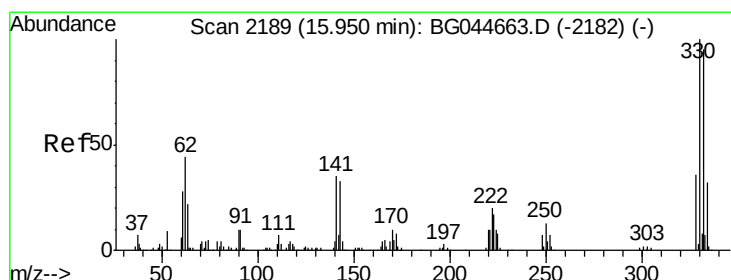
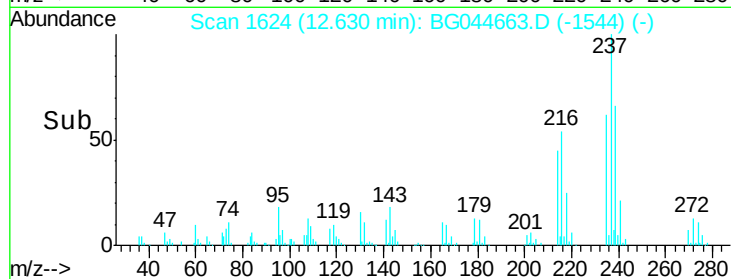
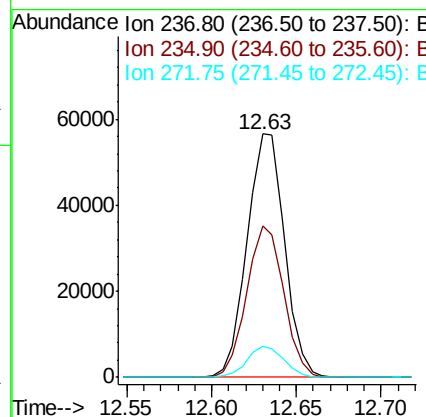
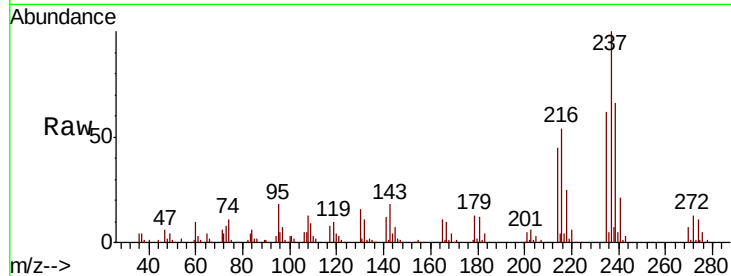
#41
Hexachlorocyclopentadiene
Concen: 36.112 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	40.7	80.7
272	12.8	0.0	32.7

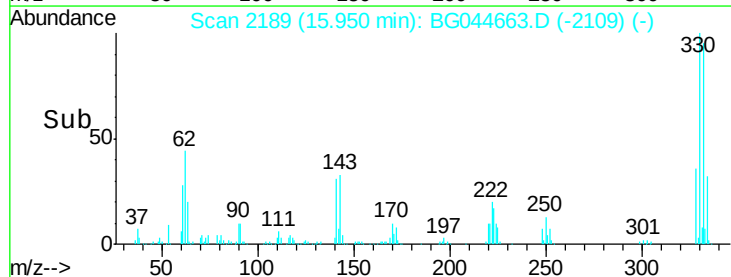
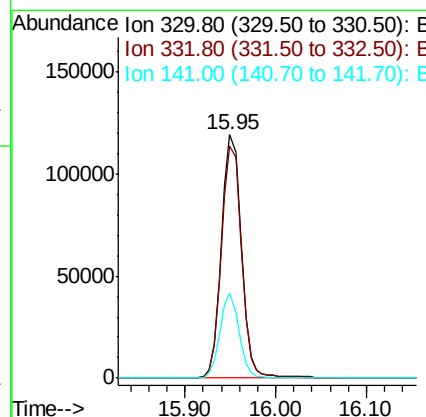
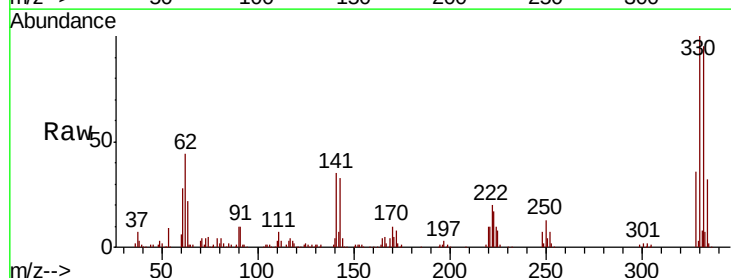
Manual Integrations
APPROVED

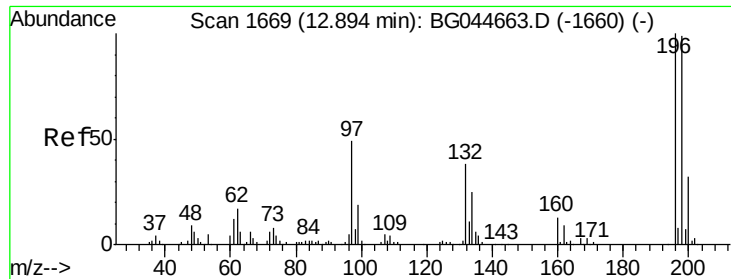
mohammad
3/4/2020 2:47:22 PM



#42
2,4,6-Tribromophenol
Concen: 72.759 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	33.7	26.1	39.1





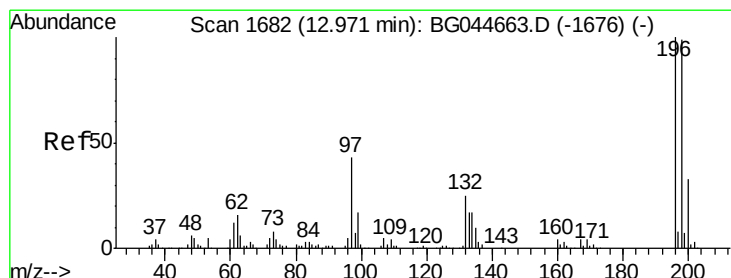
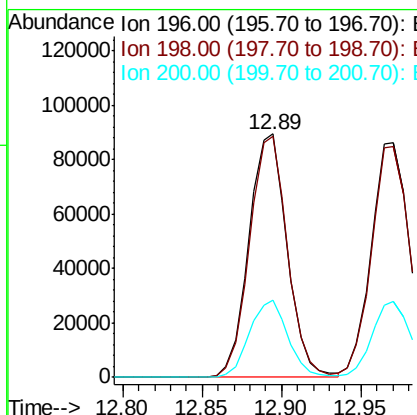
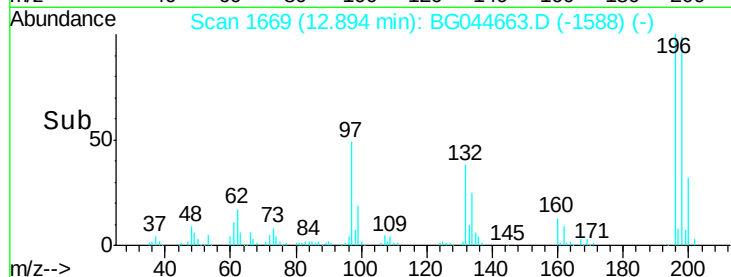
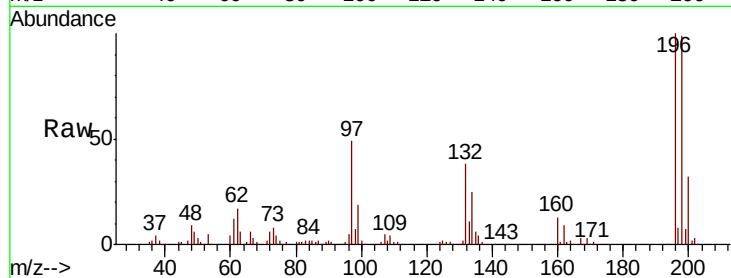
#43
 2,4,6-Trichlorophenol
 Concen: 38.981 ng
 RT: 12.89 min Scan# 1669
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	150226		
198	99.0	79.2	118.8	
200	31.5	25.7	38.5	

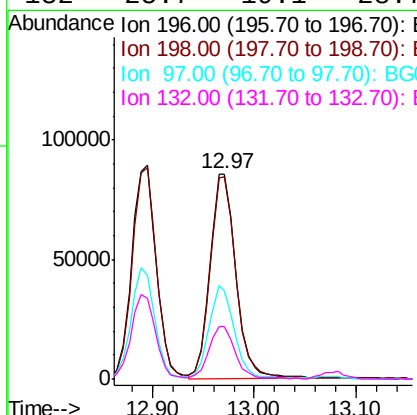
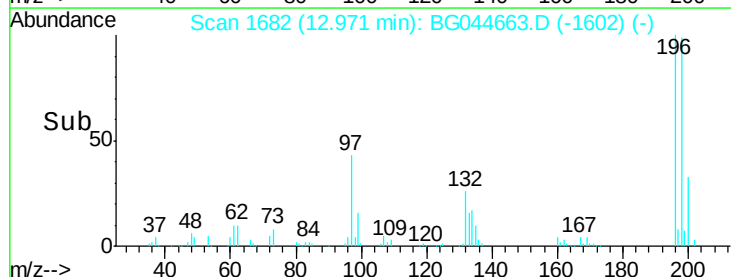
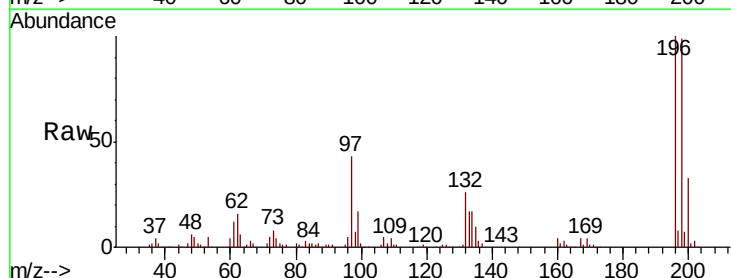
Manual Integrations
 APPROVED

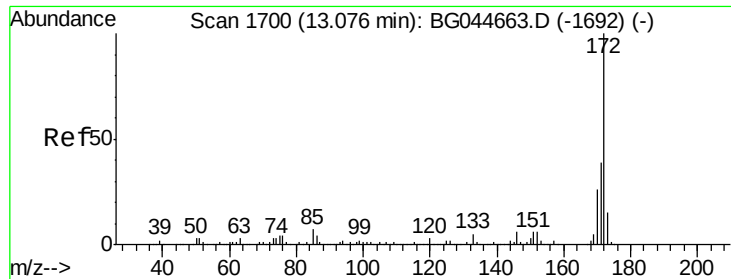
mohammad
 3/4/2020 2:47:22 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.186 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.06 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151172		
198	98.6	79.3	118.9	
97	43.3	32.3	48.5	
132	25.7	19.1	28.7	





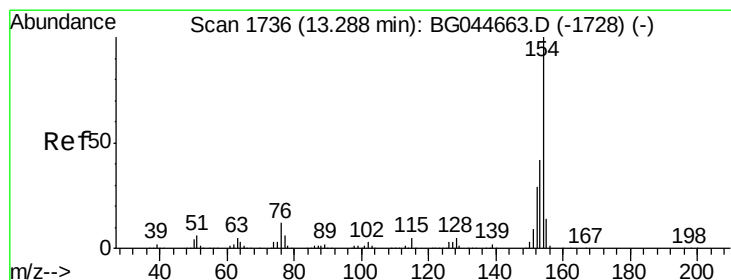
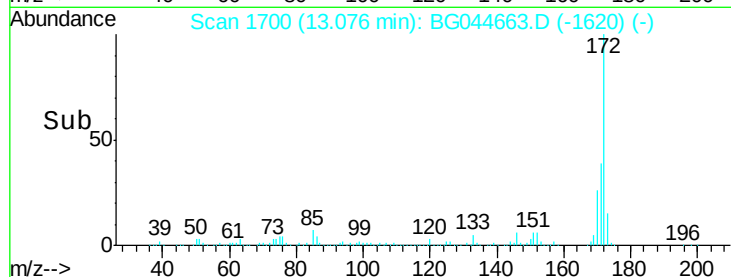
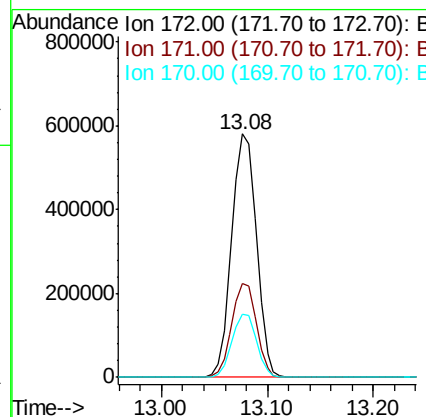
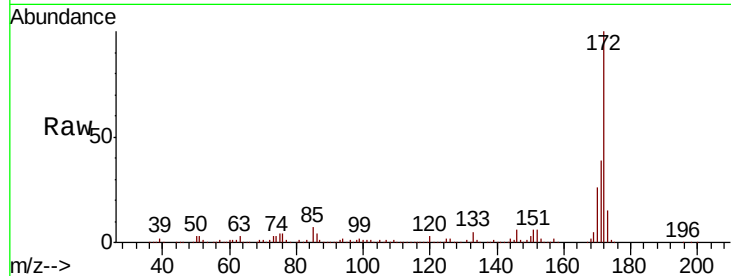
#45
 2-Fluorobiphenyl
 Concen: 76.321 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	26.1	21.0	31.4

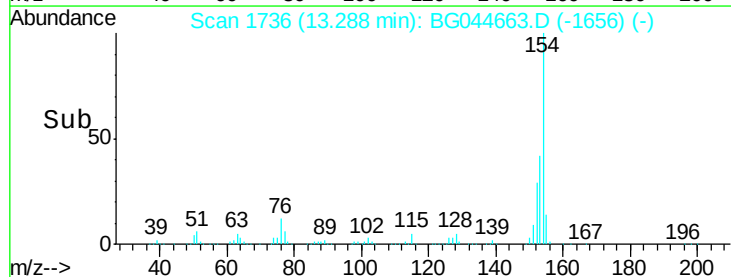
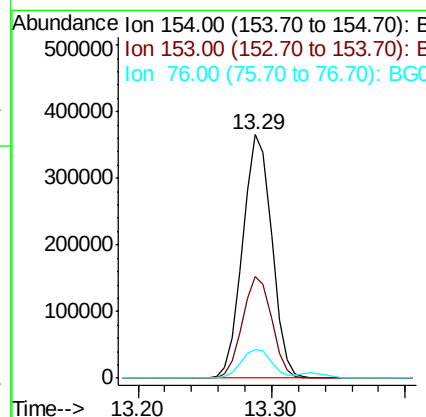
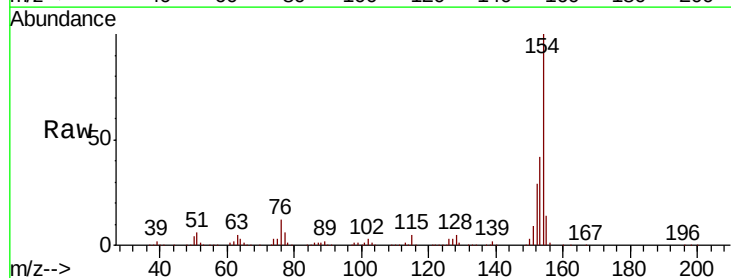
Manual Integrations
 APPROVED

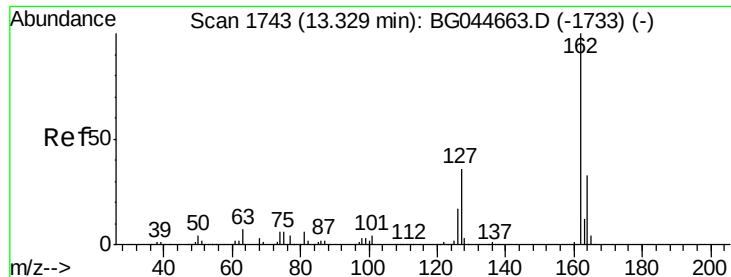
mohammad
 3/4/2020 2:47:22 PM



#46
 1,1'-Biphenyl
 Concen: 37.879 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.06 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.2	60.2
76	11.9	0.0	31.8





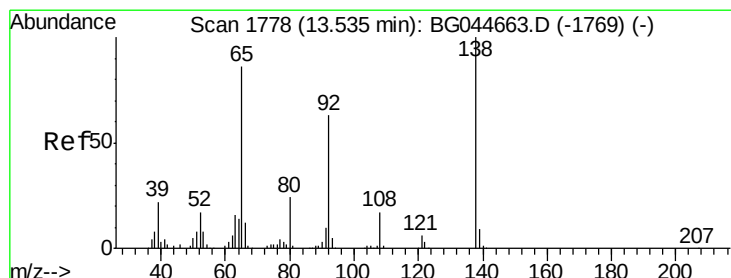
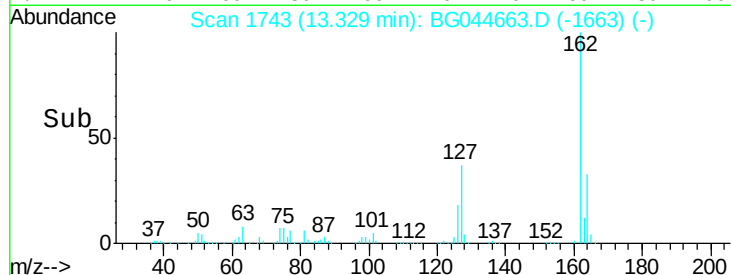
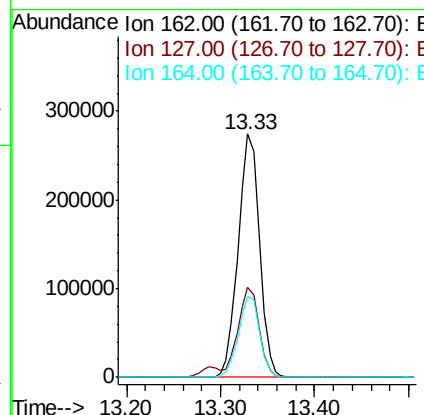
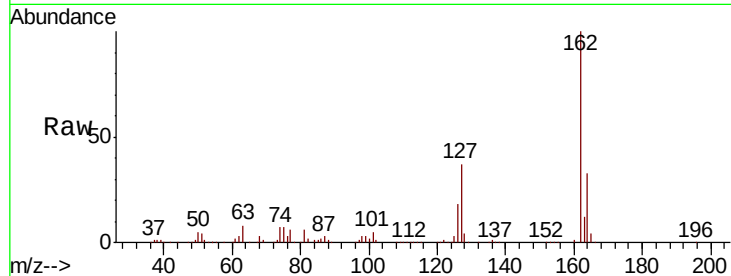
#47
2-Chloronaphthalene
Concen: 37.883 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	433419		
127	36.9	28.7	43.1	
164	33.2	27.3	40.9	

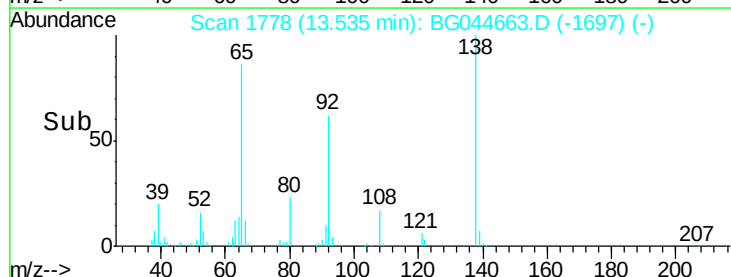
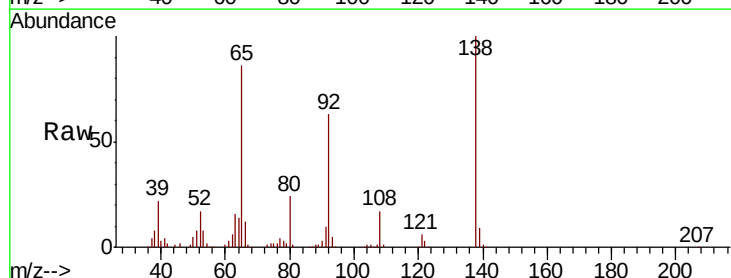
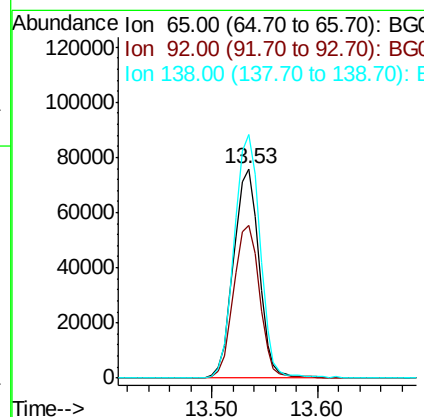
Manual Integrations
APPROVED

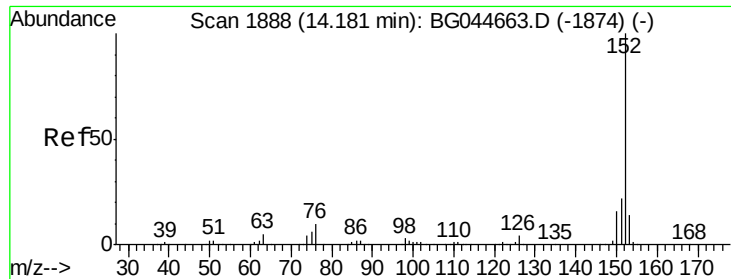
mohammad
3/4/2020 2:47:22 PM



#48
2-Nitroaniline
Concen: 39.892 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	126690		
92	73.0	62.2	93.2	
138	116.3	97.6	146.4	





#49

Acenaphthylene

Concen: 38.207 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

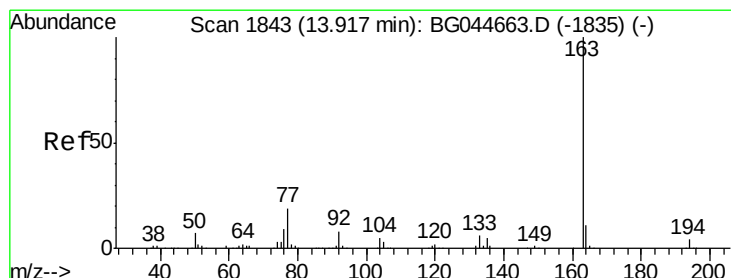
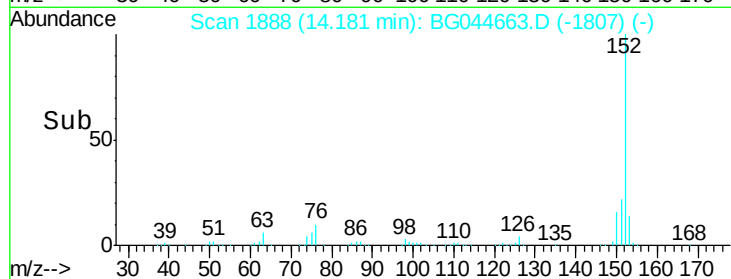
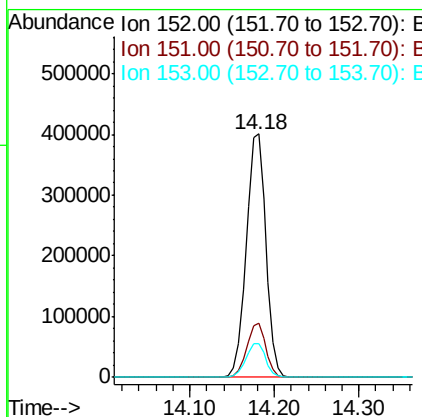
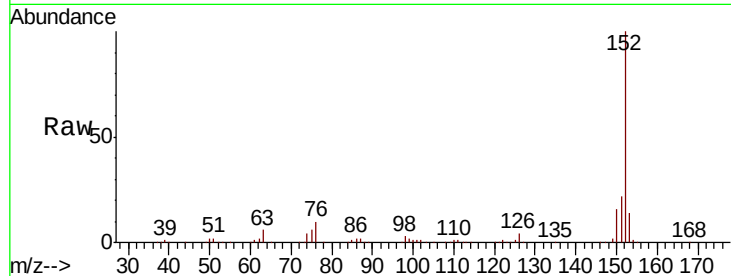
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	645247
Ion Ratio		Lower	Upper
152	100		
151	22.1	17.7	26.5
153	14.0	11.3	16.9

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM



#50

Dimethylphthalate

Concen: 37.657 ng

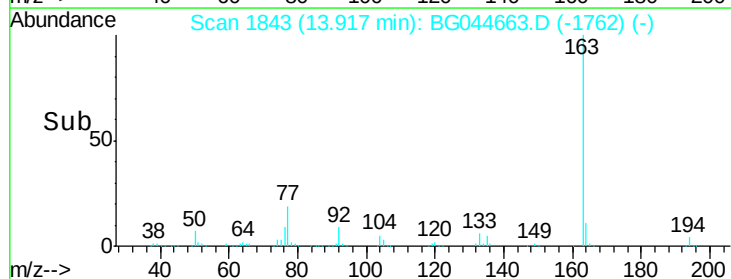
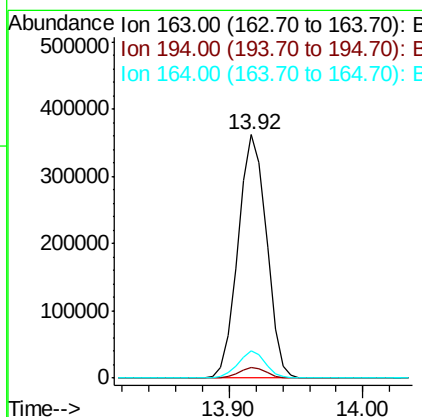
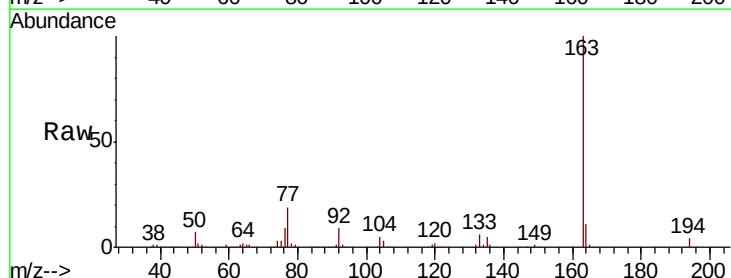
RT: 13.92 min Scan# 1843

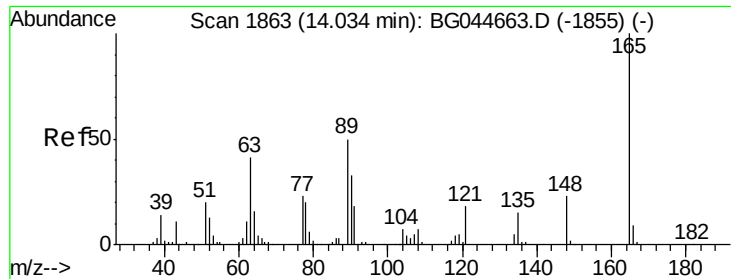
Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:	163	Resp:	535864
Ion Ratio		Lower	Upper
163	100		
194	4.1	3.4	5.0
164	11.1	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 37.820 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

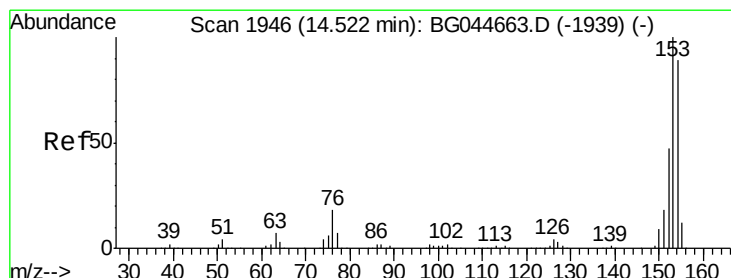
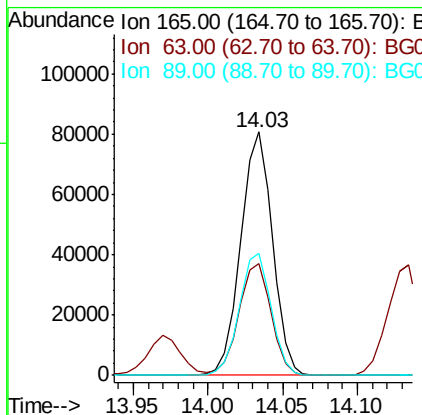
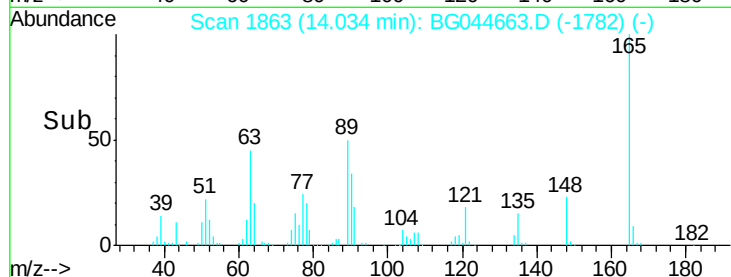
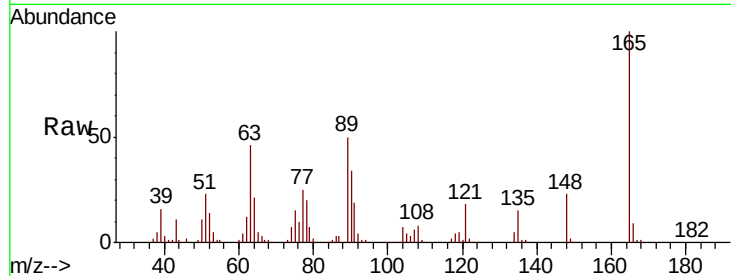
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	118694
Ion Ratio	Lower	Upper	
165	100		
63	45.9	35.8	53.6
89	50.1	38.7	58.1

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM



#52

Acenaphthene

Concen: 37.382 ng

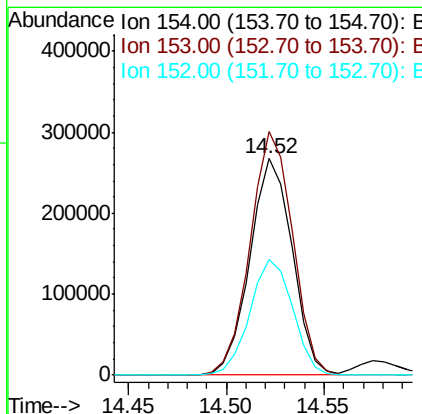
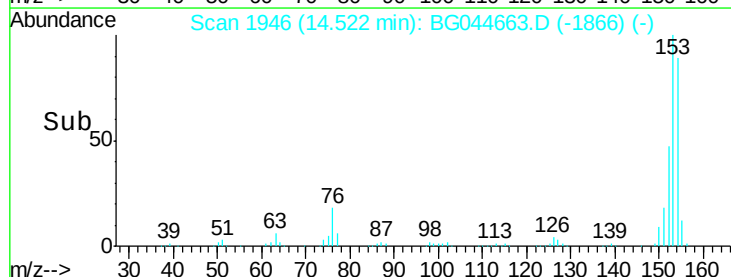
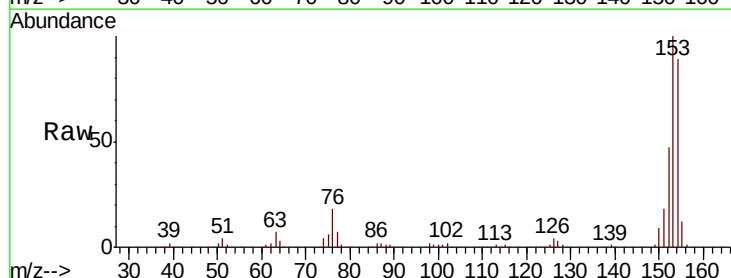
RT: 14.52 min Scan# 1946

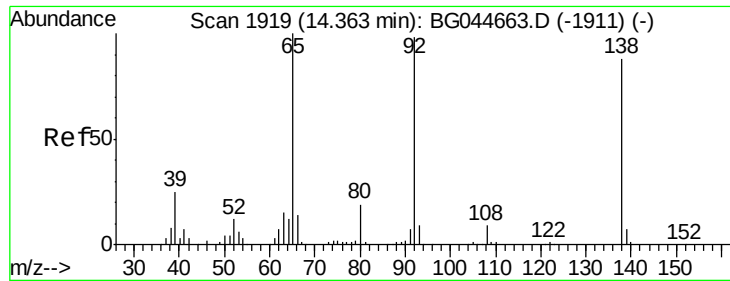
Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:	154	Resp:	402427
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.4	134.0
152	53.3	43.0	64.4





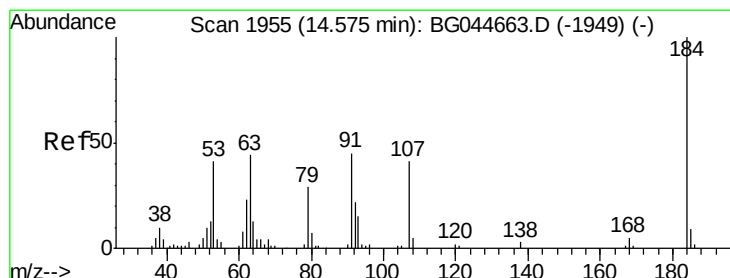
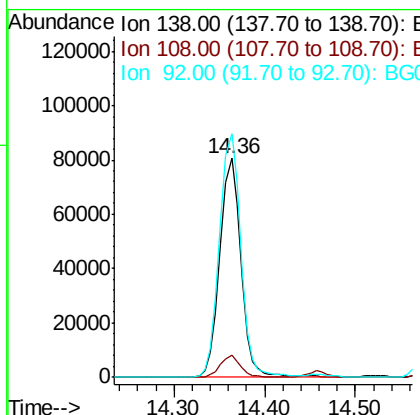
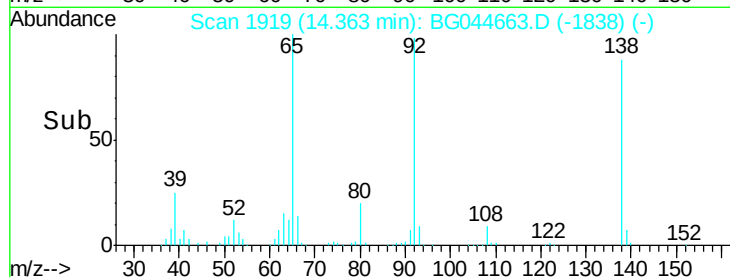
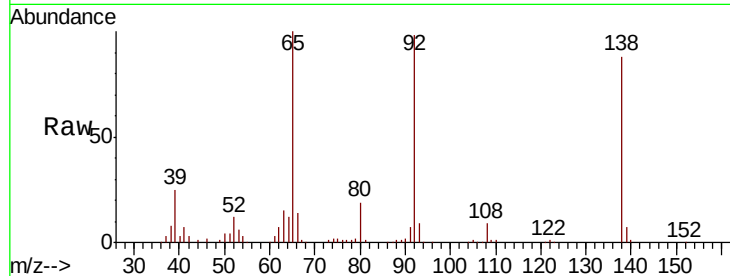
#53
3-Nitroaniline
Concen: 38.749 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.9	11.9
92	111.3	87.4	131.2

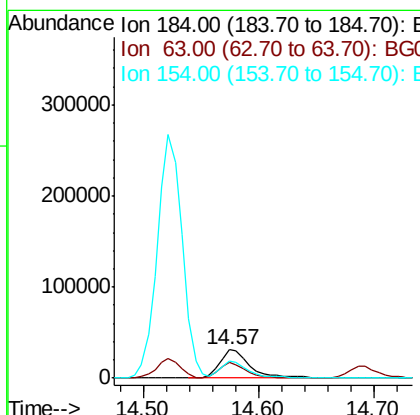
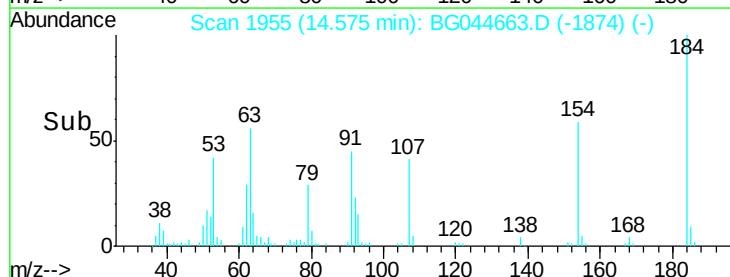
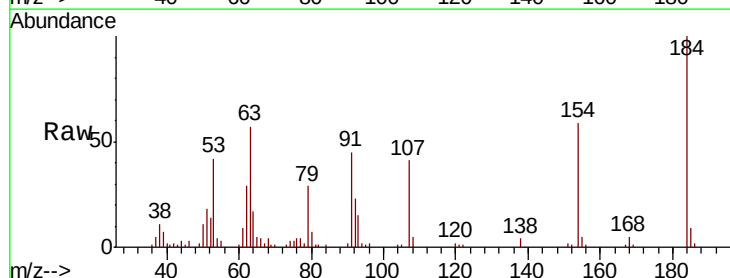
Manual Integrations
APPROVED

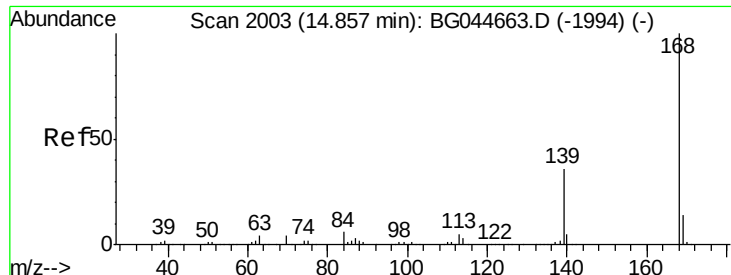
mohammad
3/4/2020 2:47:22 PM



#54
2,4-Dinitrophenol
Concen: 36.014 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.4	42.1	63.1
154	59.2	43.4	65.2





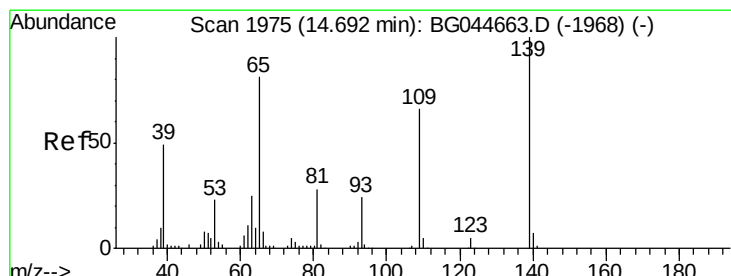
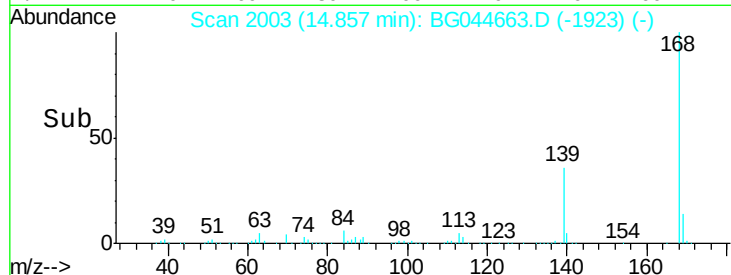
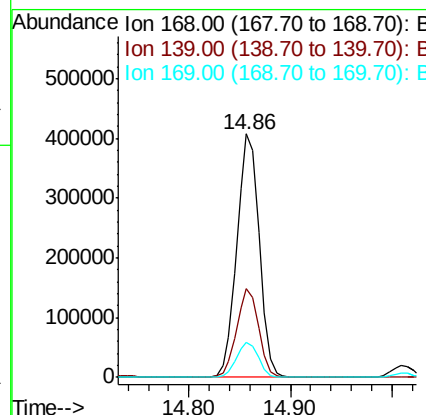
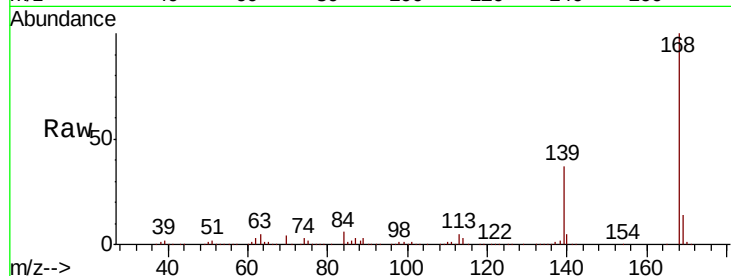
#55
Dibenzenofuran
Concen: 37.682 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	168	Resp:	621896
Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.2	43.8
169	14.2	11.0	16.6

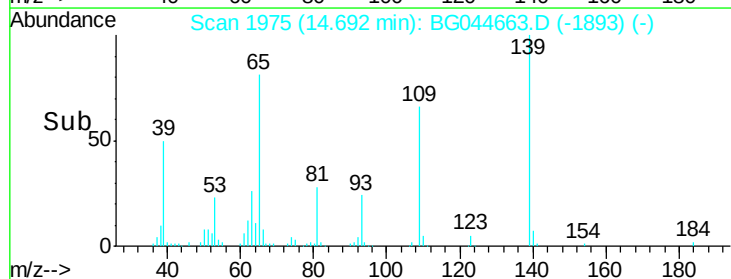
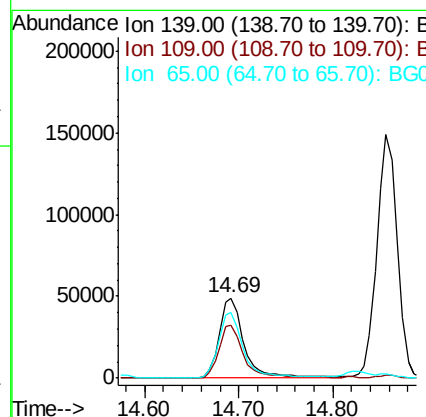
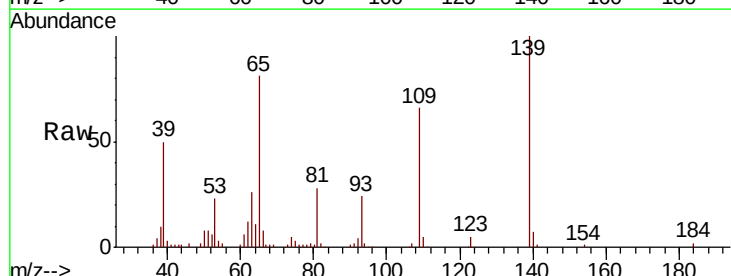
Manual Integrations
APPROVED

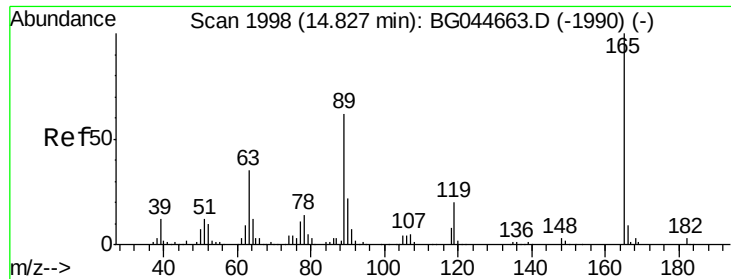
mohammad
3/4/2020 2:47:22 PM



#56
4-Nitrophenol
Concen: 39.308 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion:	139	Resp:	91518
Ion	Ratio	Lower	Upper
139	100		
109	66.1	43.8	83.8
65	81.2	63.6	103.6





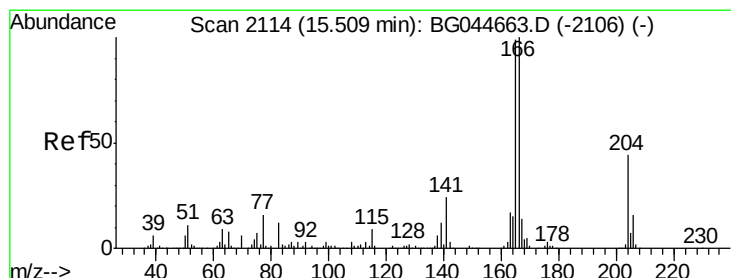
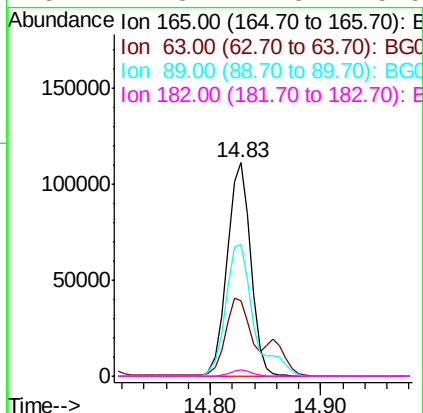
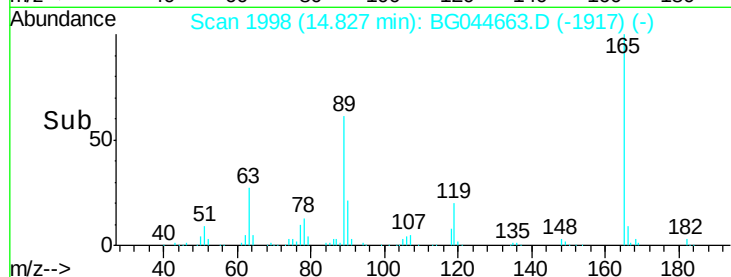
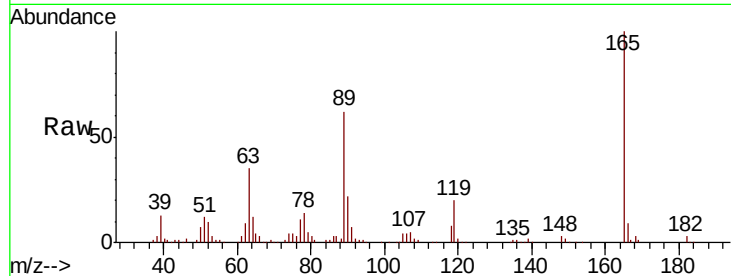
#57
2,4-Dinitrotoluene
Concen: 37.710 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	166389		
63	35.1	27.5	41.3	
89	62.0	50.0	75.0	
182	2.8	2.3	3.5	

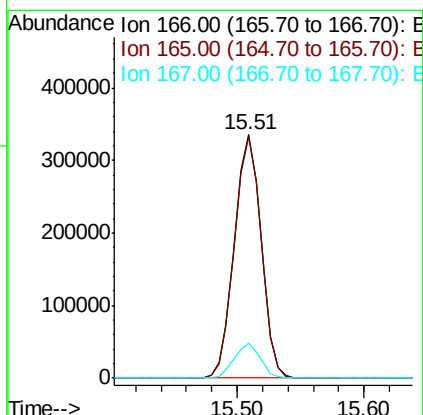
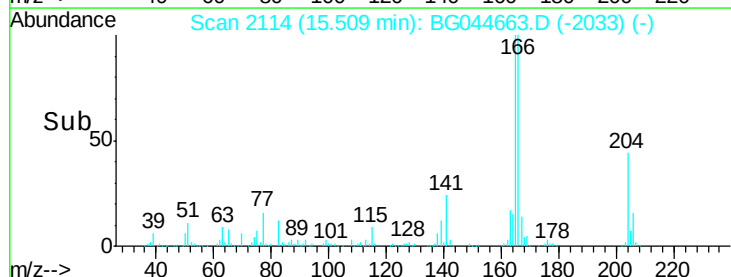
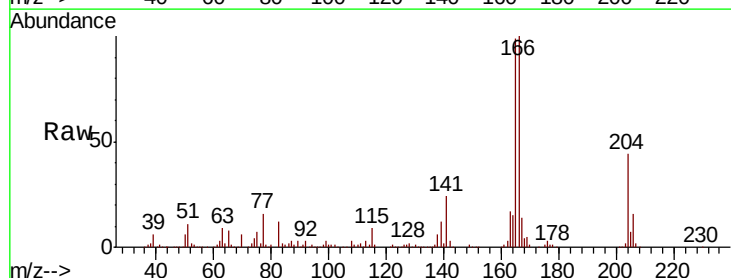
Manual Integrations
APPROVED

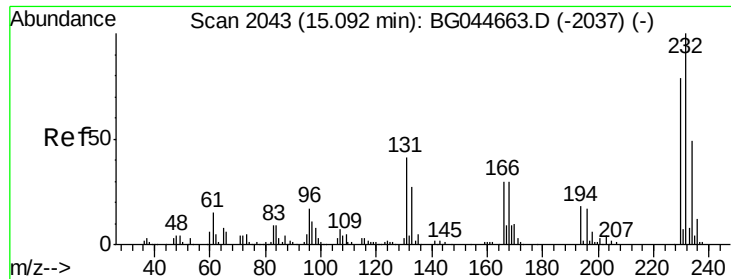
mohammad
3/4/2020 2:47:22 PM



#58
Fluorene
Concen: 37.418 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	489646		
165	99.2	79.2	118.8	
167	14.3	11.7	17.5	





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.533 ng

RT: 15.09 min Scan# 2043

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

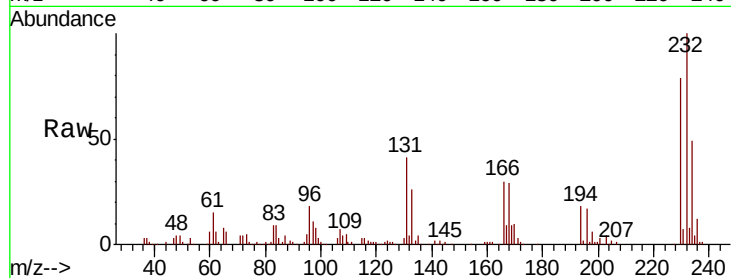
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	133187		
131	40.3		31.8	47.6
130	2.4		1.8	2.6
166	31.0		22.7	34.1

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM

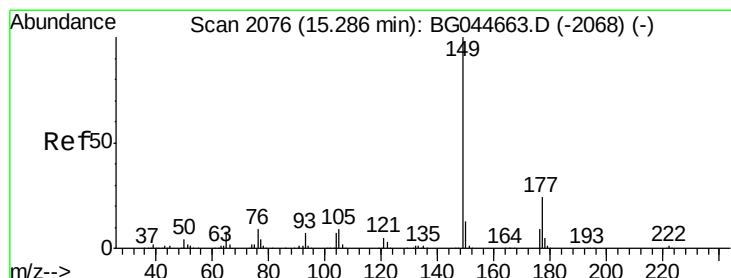
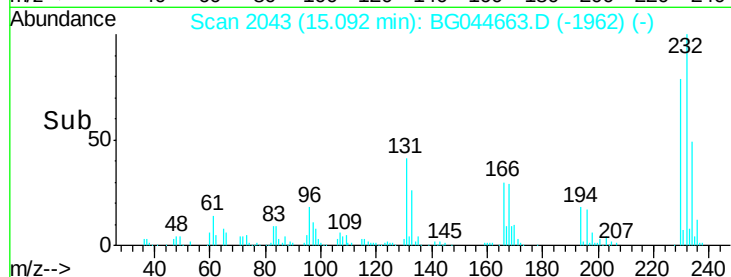
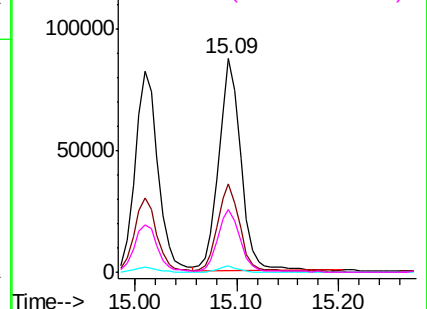


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.800 ng

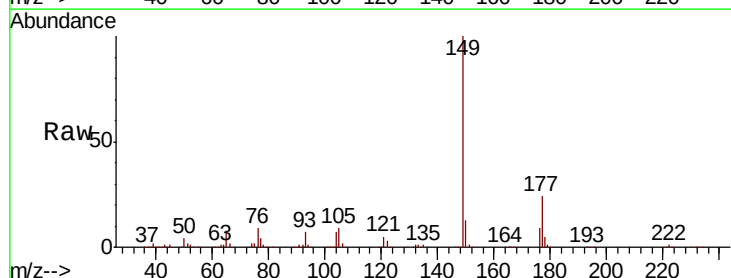
RT: 15.29 min Scan# 2076

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

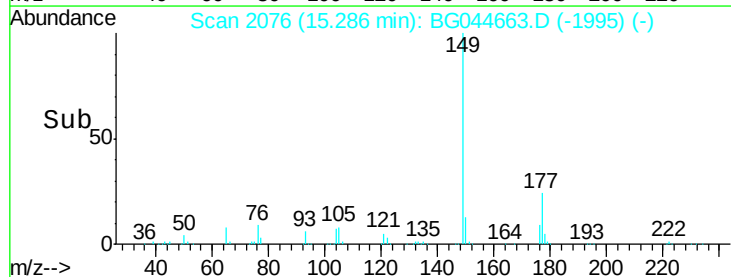
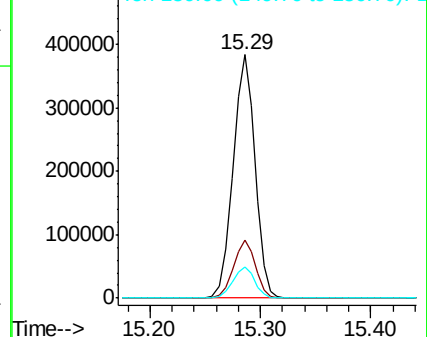
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	532964		
177	23.8		19.2	28.8
150	12.9		10.2	15.4

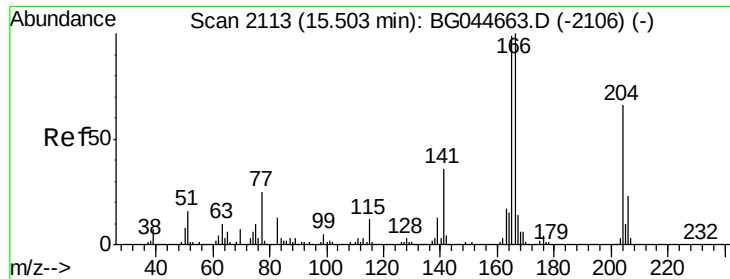


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





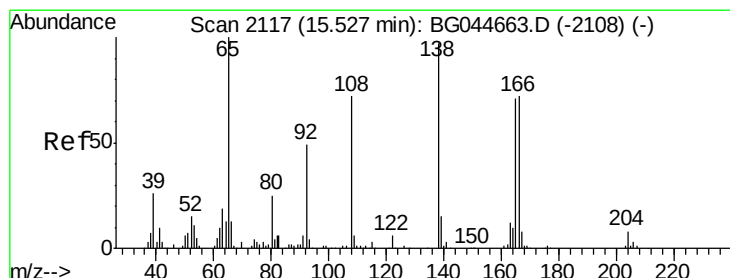
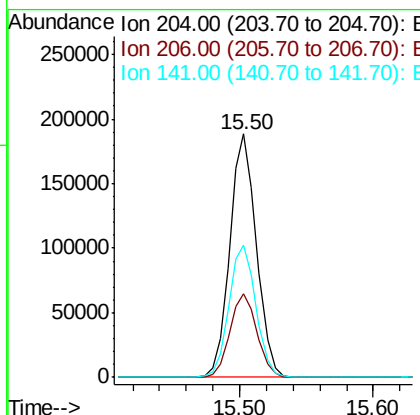
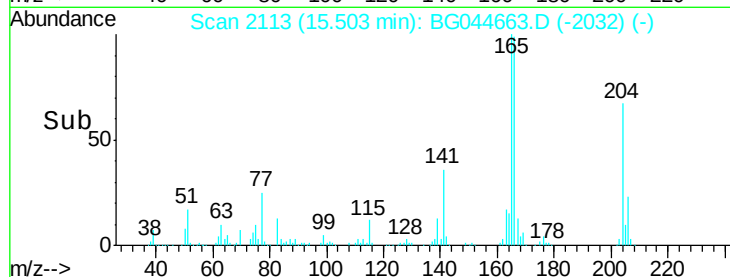
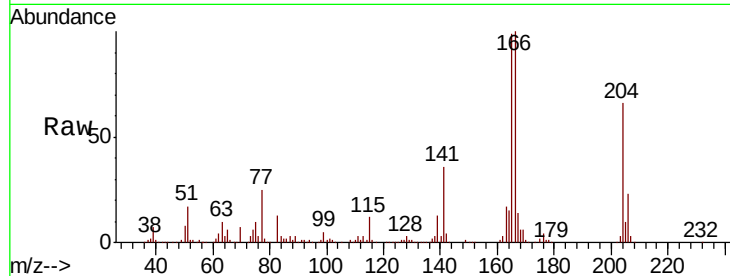
#61
4-Chlorophenyl-phenylether
Concen: 36.712 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.8	41.8
141	54.2	43.8	65.8

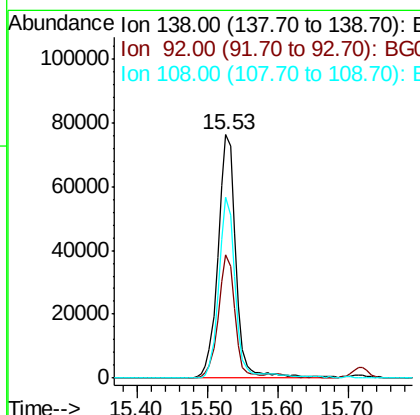
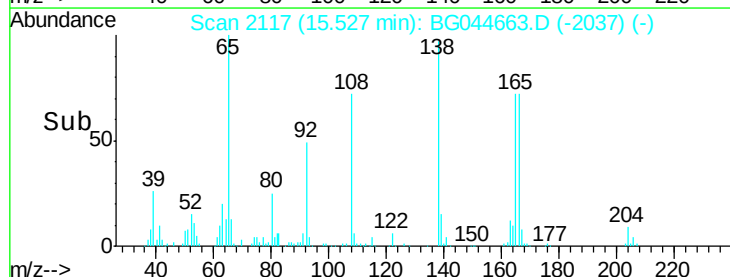
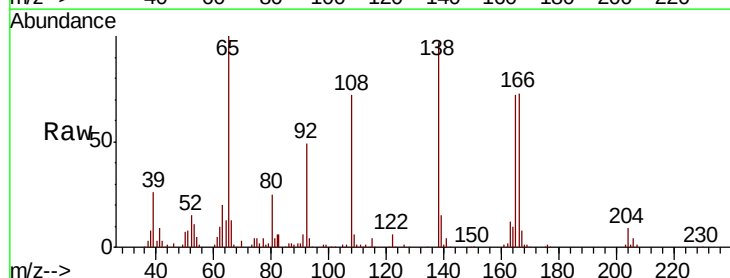
Manual Integrations
APPROVED

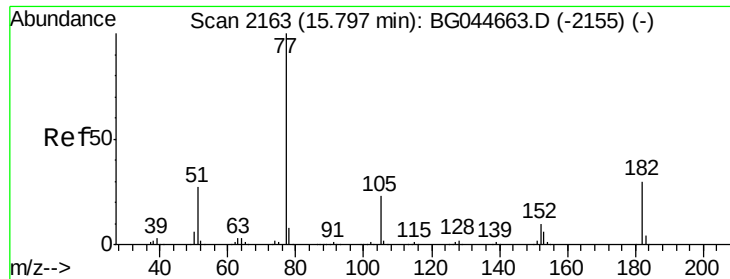
mohammad
3/4/2020 2:47:22 PM



#62
4-Nitroaniline
Concen: 39.704 ng
RT: 15.53 min Scan# 2117
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	26.4	66.4
108	74.5	50.5	90.5





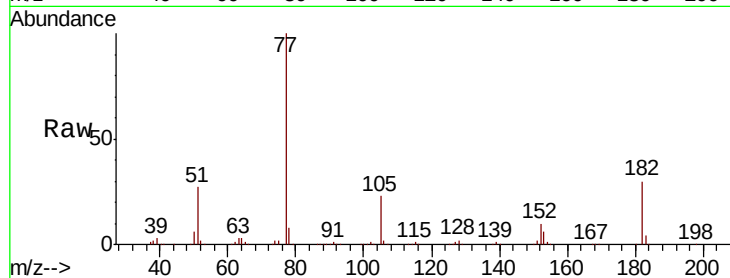
#63
Azobenzene
Concen: 37.890 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.05 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

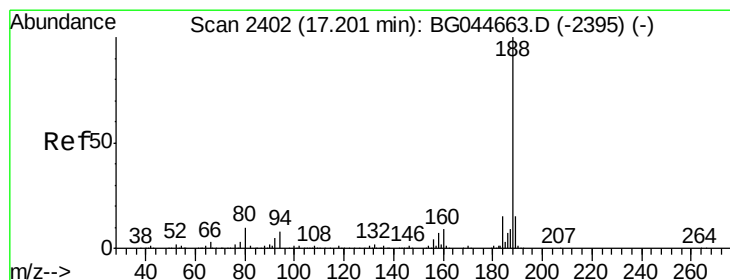
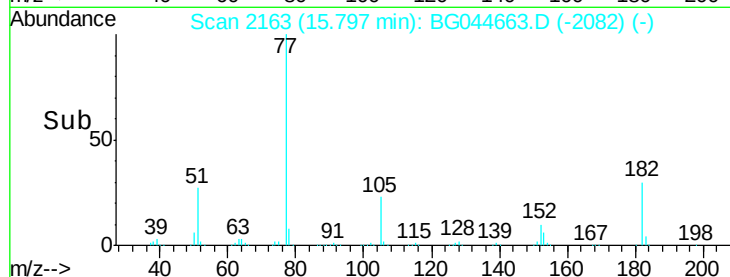
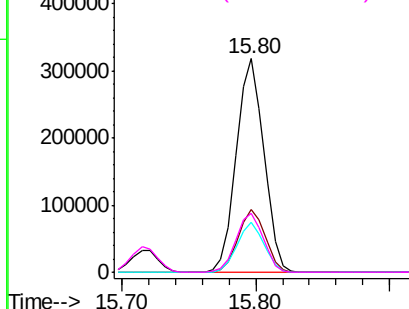
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		454664		
182	29.6	9.4	49.4		
105	23.1	3.4	43.4		
51	27.5	6.4	46.4		

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM

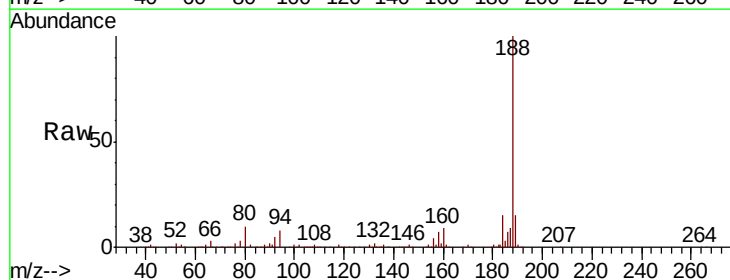


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

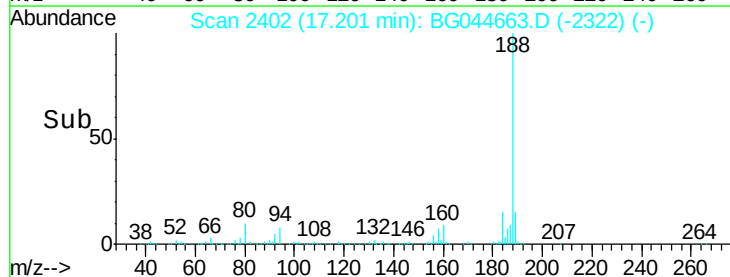
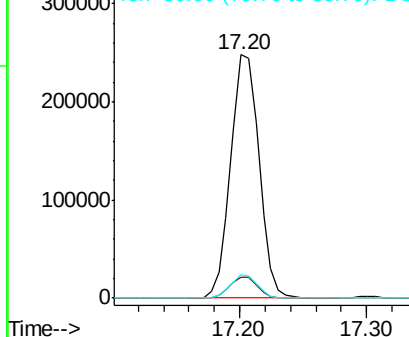


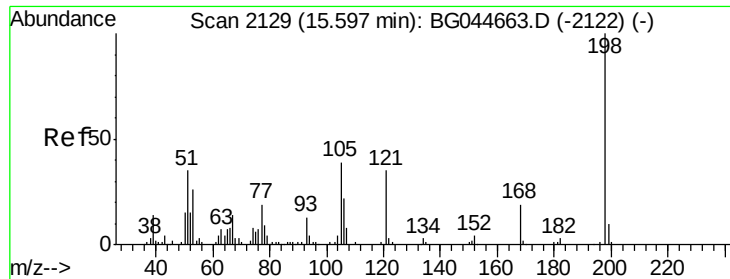
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		383618		
94	8.5	6.7	10.1		
80	9.6	7.6	11.4		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 37.233 ng

RT: 15.60 min Scan# 2129

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 88440

Ion Ratio Lower Upper

198 100

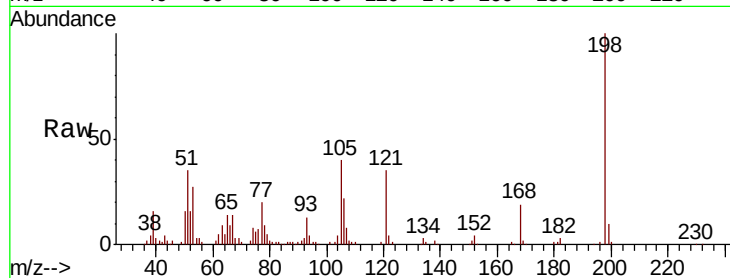
51 35.2 17.0 57.0

105 39.7 18.4 58.4

Manual Integrations
APPROVED

mohammad

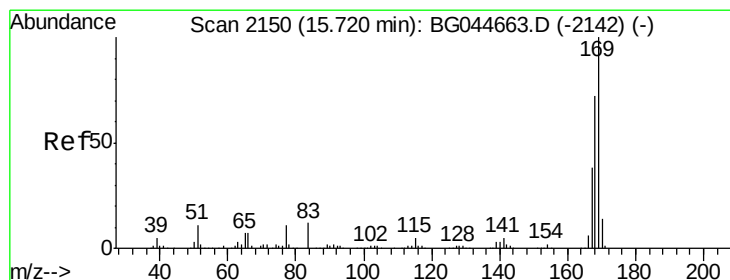
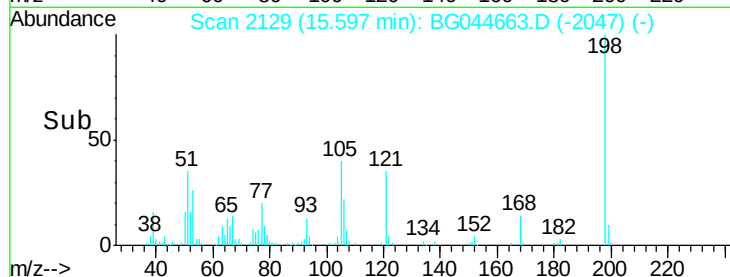
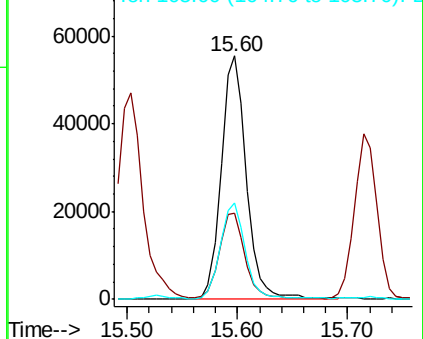
3/4/2020 2:47:22 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.166 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

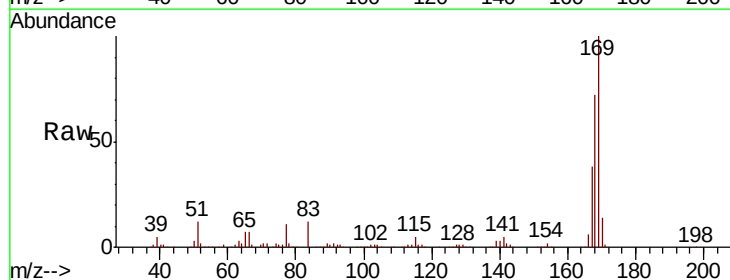
Tgt Ion:169 Resp: 444731

Ion Ratio Lower Upper

169 100

168 71.9 56.1 84.1

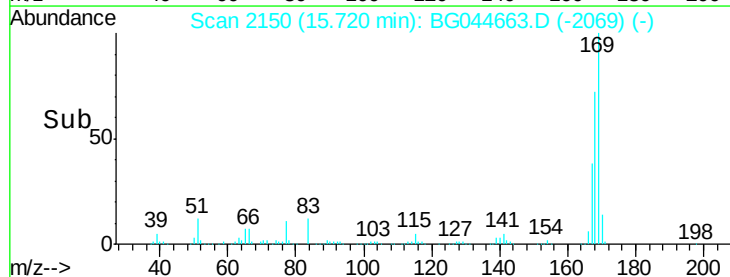
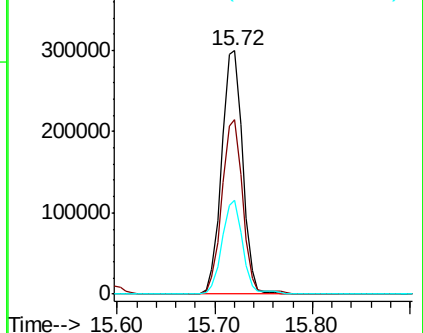
167 38.5 29.4 44.0

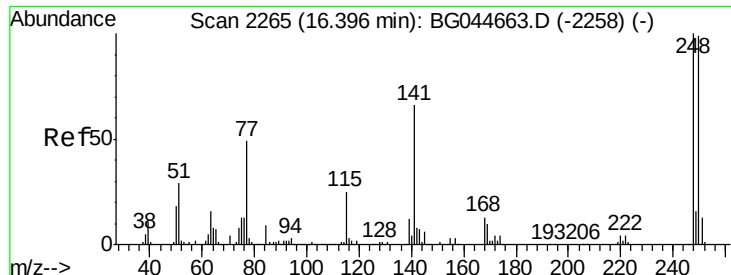


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





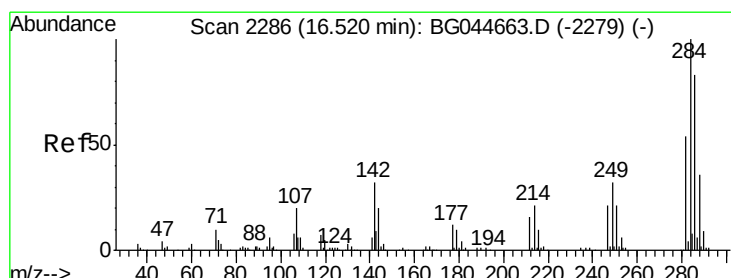
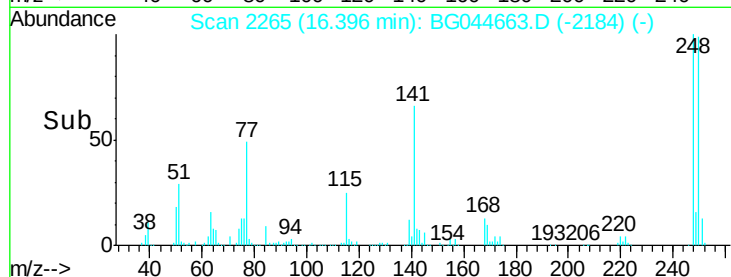
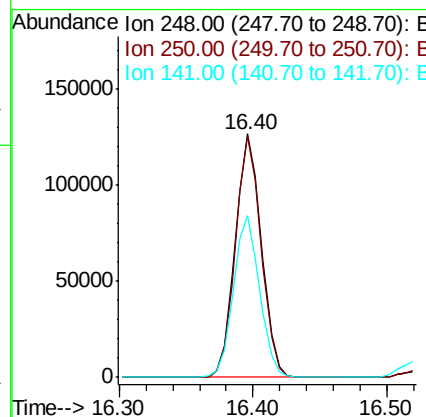
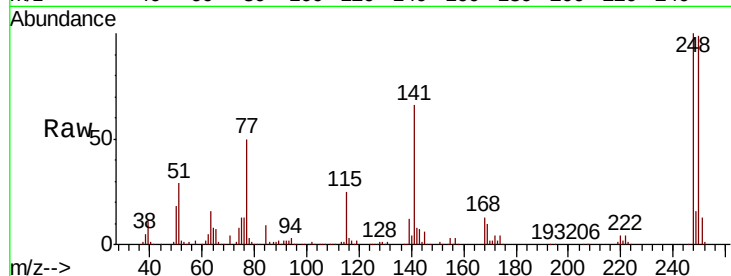
#67
 4-Bromophenyl-phenylether
 Concen: 36.416 ng
 RT: 16.40 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.7	118.1
141	66.2	52.3	78.5

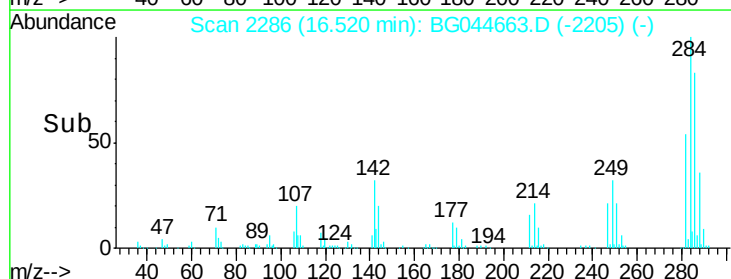
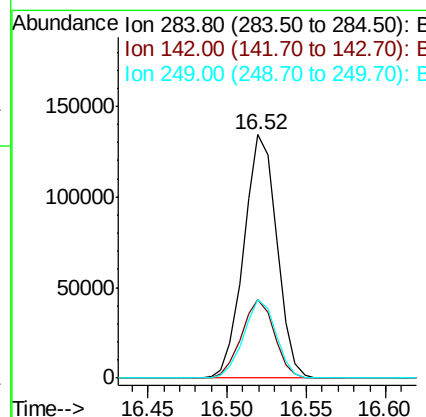
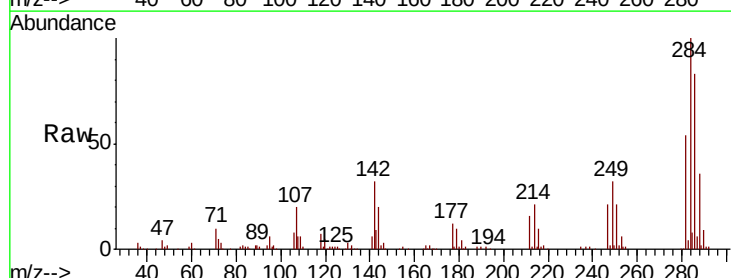
Manual Integrations
 APPROVED

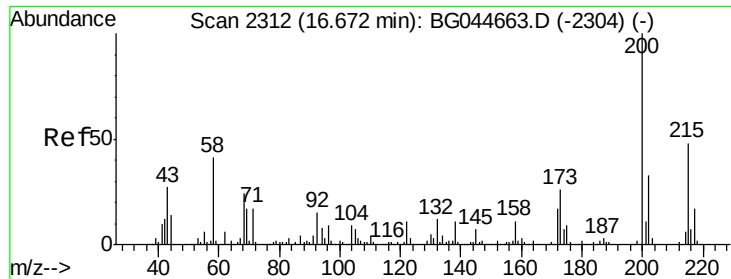
mohammad
 3/4/2020 2:47:22 PM



#68
 Hexachlorobenzene
 Concen: 36.087 ng
 RT: 16.52 min Scan# 2286
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.6	38.4
249	32.5	24.6	36.8





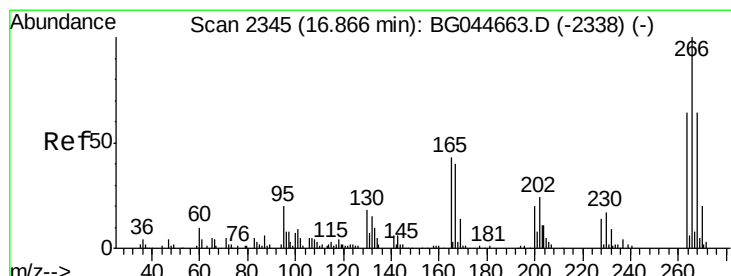
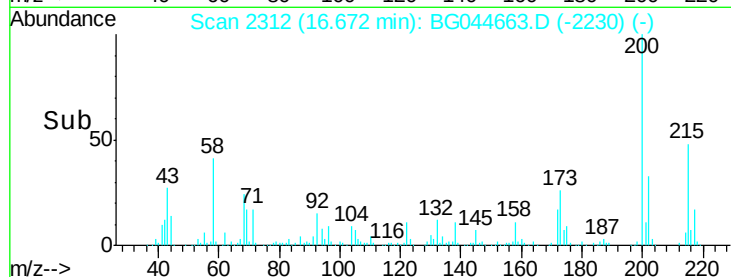
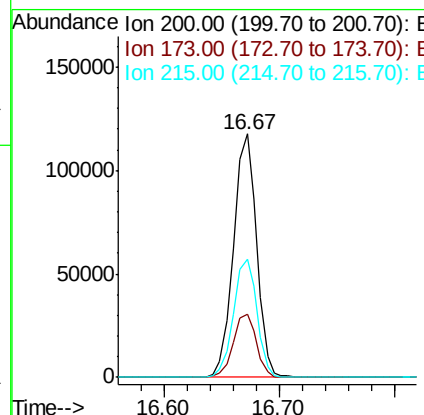
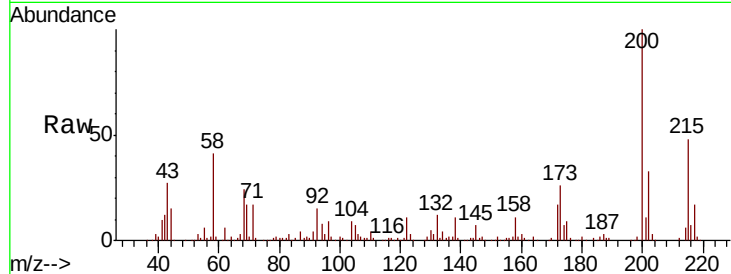
#69
 Atrazine
 Concen: 36.924 ng
 RT: 16.67 min Scan# 2312
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	163342		
173	25.8	6.6	46.6	
215	48.3	30.3	70.3	

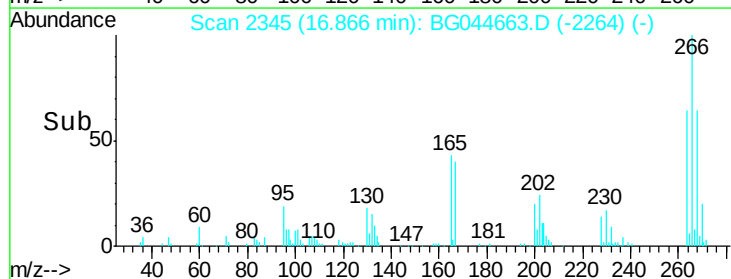
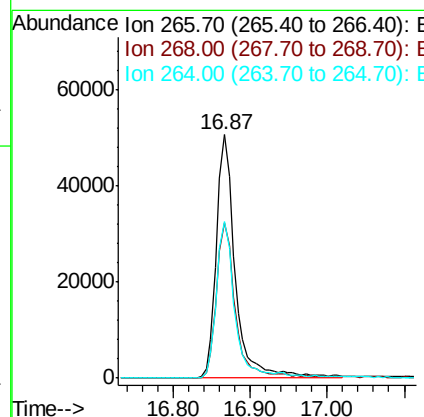
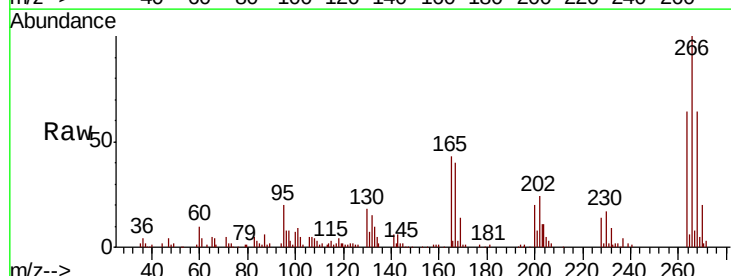
Manual Integrations
 APPROVED

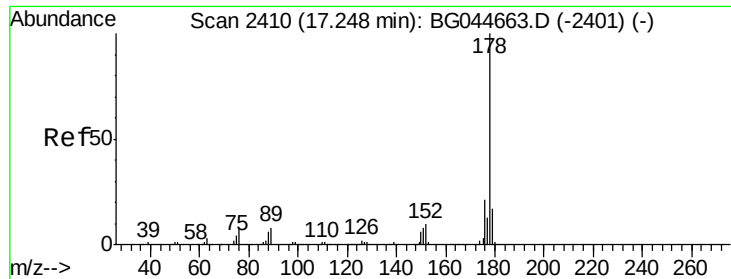
mohammad
 3/4/2020 2:47:22 PM



#70
 Pentachlorophenol
 Concen: 37.021 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	86201		
268	63.6	53.4	80.0	
264	64.2	53.0	79.4	





#71

Phenanthrene

Concen: 37.461 ng

RT: 17.25 min Scan# 2410

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

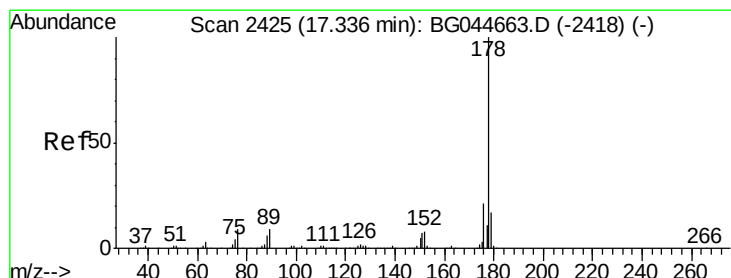
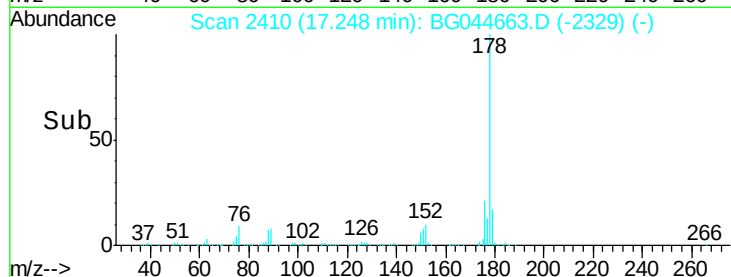
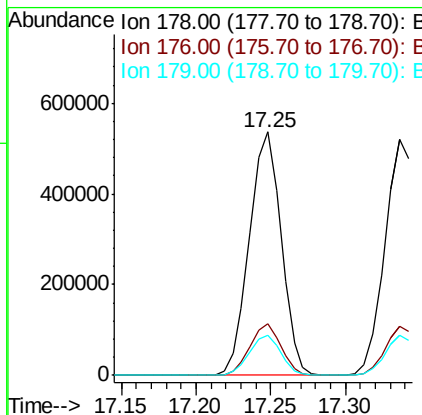
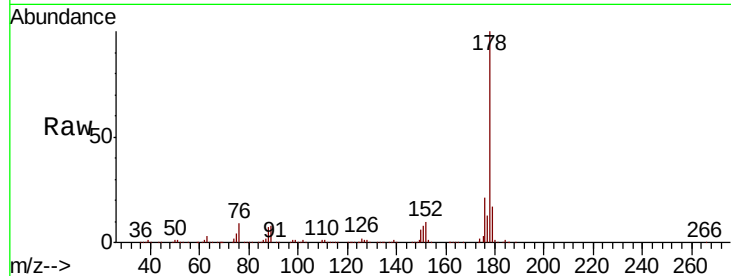
ClientSampleId :

SSTDCCC040

Tot Ion:	178	Resp:	795620
Ion Ratio	Lower	Upper	
178	100		
176	21.0	16.6	25.0
179	16.6	13.3	19.9

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM



#72

Anthracene

Concen: 37.634 ng

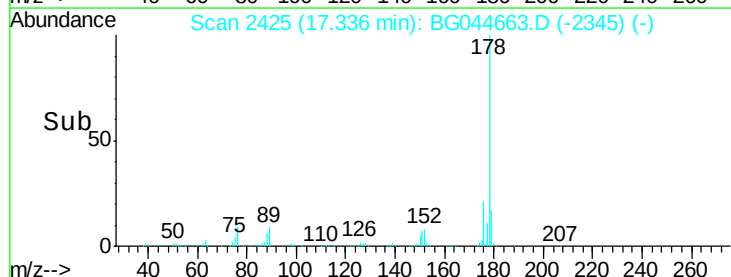
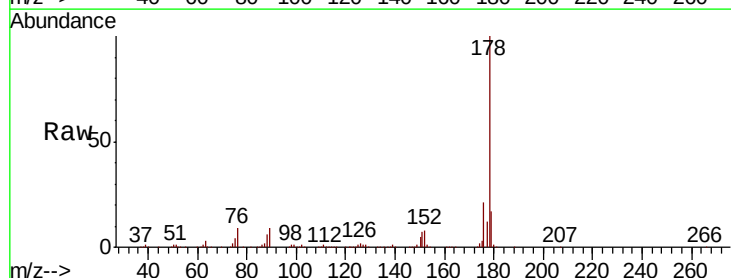
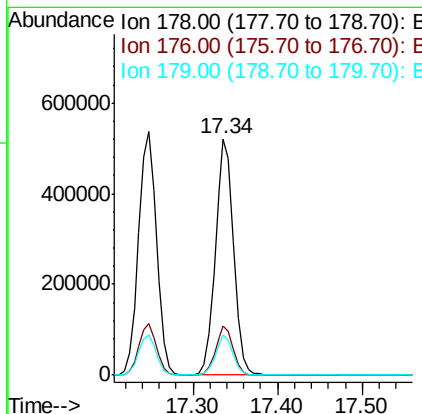
RT: 17.34 min Scan# 2425

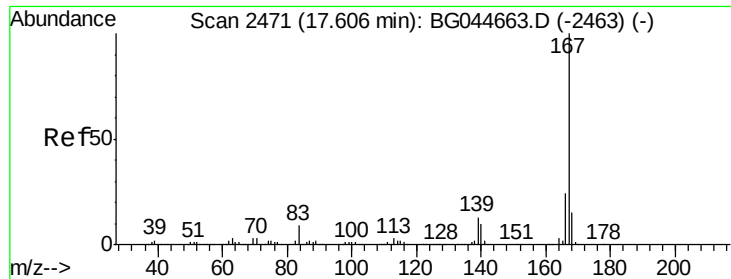
Delta R.T. -0.06 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:	178	Resp:	787675
Ion Ratio	Lower	Upper	
178	100		
176	20.6	15.9	23.9
179	17.0	13.1	19.7





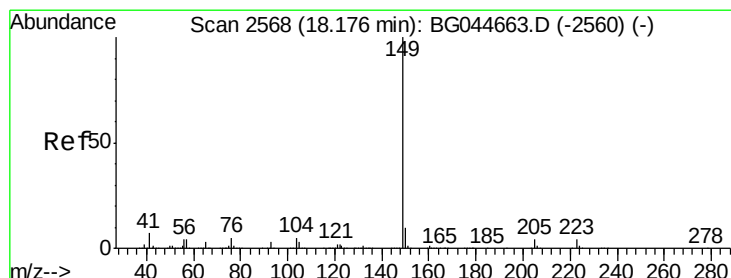
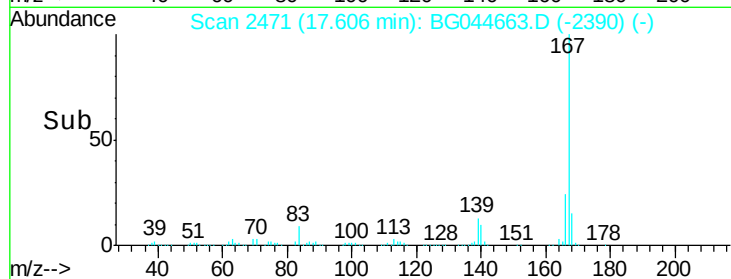
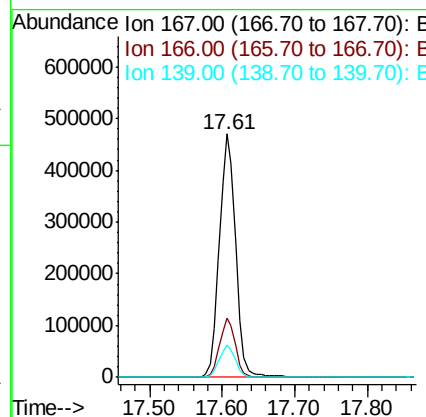
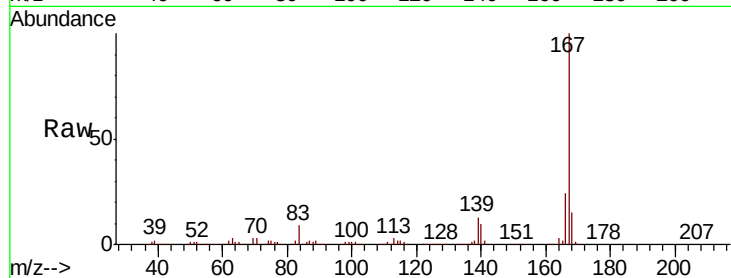
#73
 Carbazole
 Concen: 38.532 ng
 RT: 17.61 min Scan# 2471
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	167	Resp:	734089
Ion Ratio	Lower	Upper	
167	100		
166	24.2	19.7	29.5
139	13.4	10.6	15.8

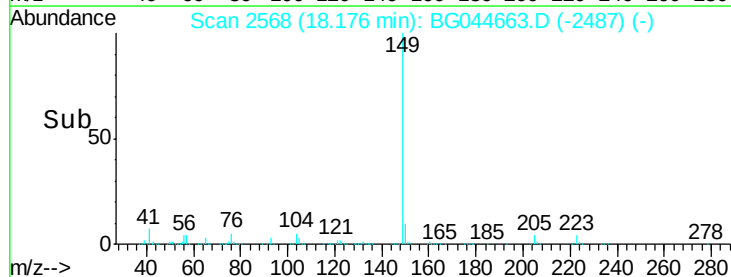
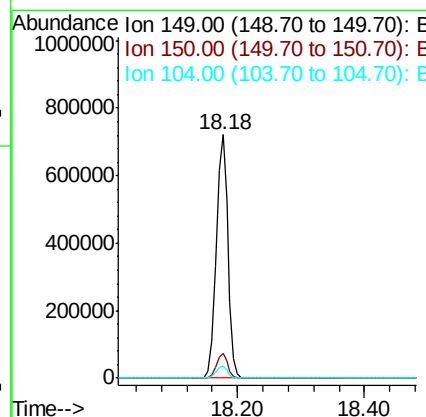
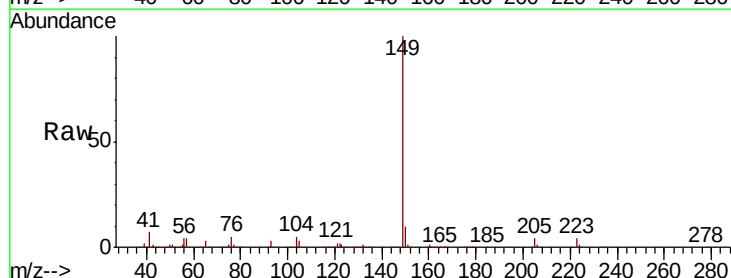
Manual Integrations
 APPROVED

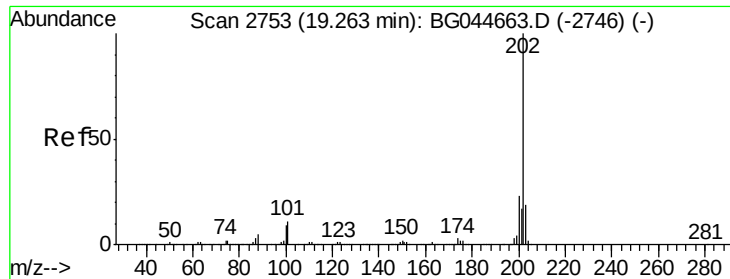
mohammad
 3/4/2020 2:47:22 PM



#74
 Di-n-butylphthalate
 Concen: 39.060 ng
 RT: 18.18 min Scan# 2568
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion:	149	Resp:	932487
Ion Ratio	Lower	Upper	
149	100		
150	10.4	7.8	11.8
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 37.993 ng

RT: 19.26 min Scan# 2753

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

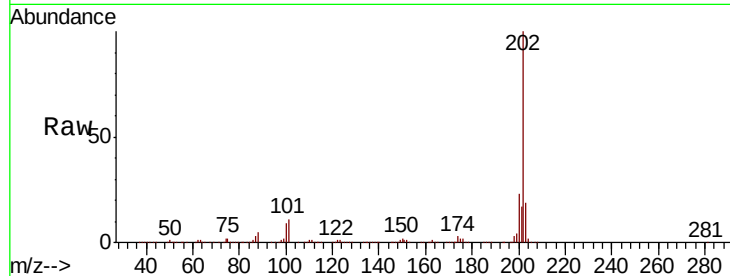
ClientSampleId :

SSTDCCC040

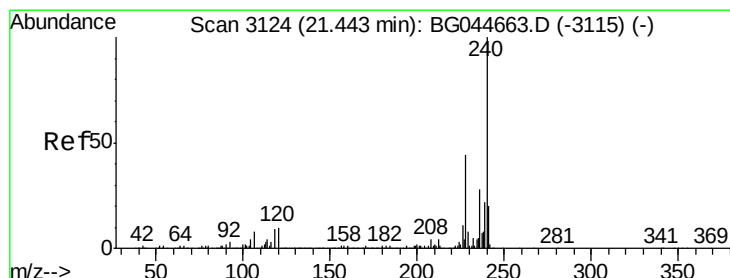
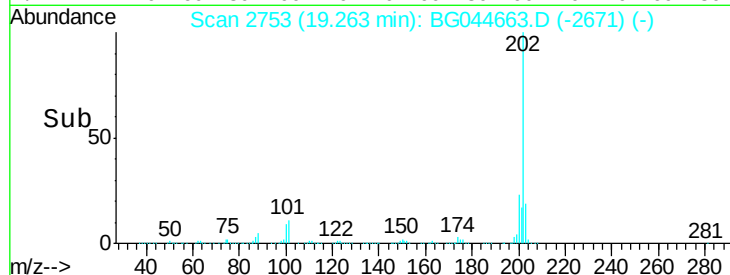
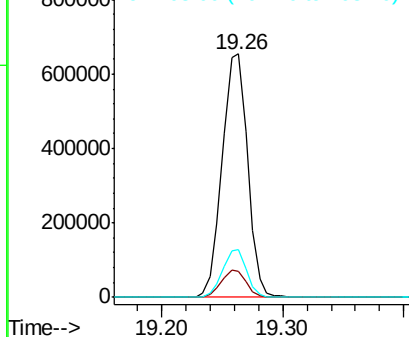
Tot Ion:	202	Resp:	955218
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.0
203	19.4	0.0	39.2

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 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

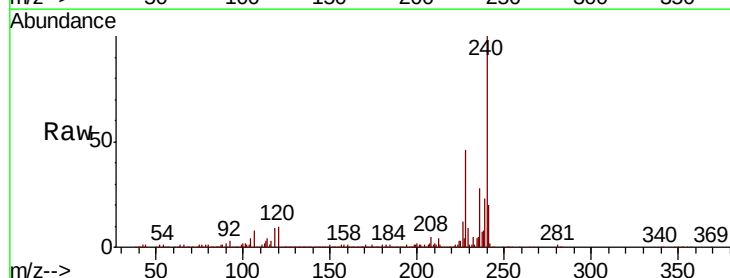
RT: 21.44 min Scan# 3124

Delta R.T. -0.06 min

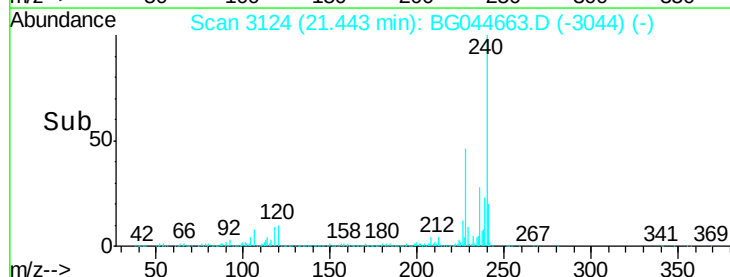
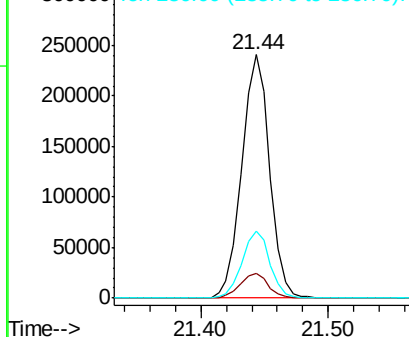
Lab File: BG044663.D

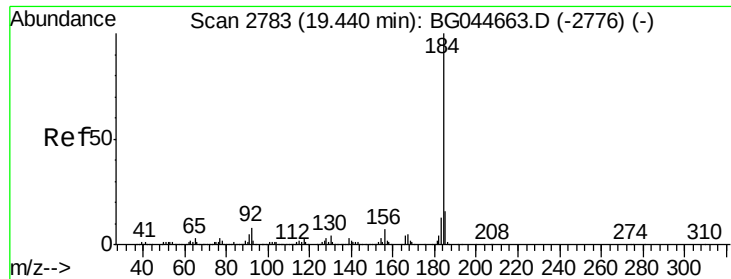
Acq: 3 Mar 2020 15:20

Tgt Ion:	240	Resp:	365908
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.3	12.5
236	27.5	22.3	33.5



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





#77

Benzidine

Concen: 38.620 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

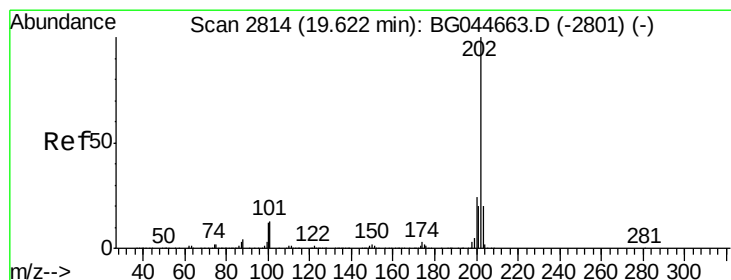
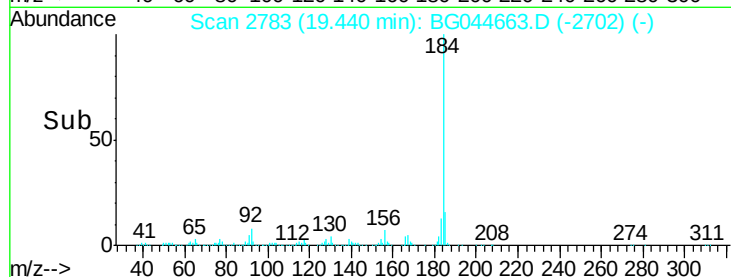
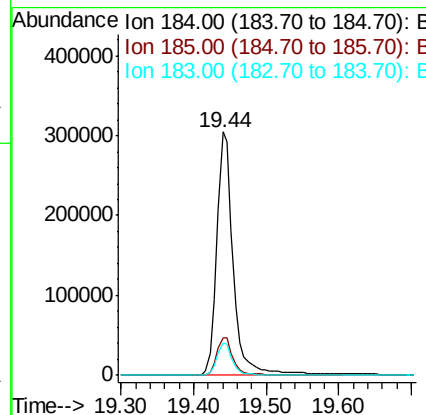
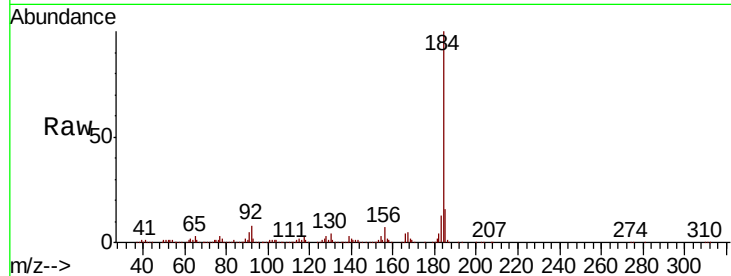
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	484074
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.4
183	13.1	9.9	14.9

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM



#78

Pyrene

Concen: 36.381 ng

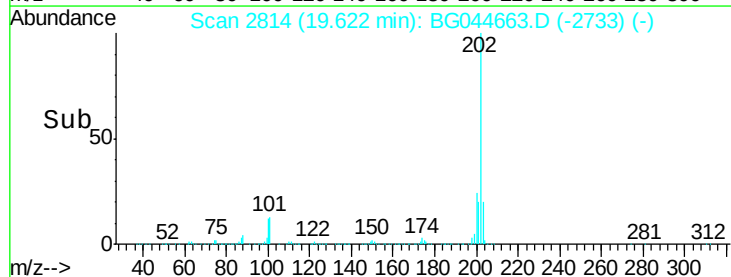
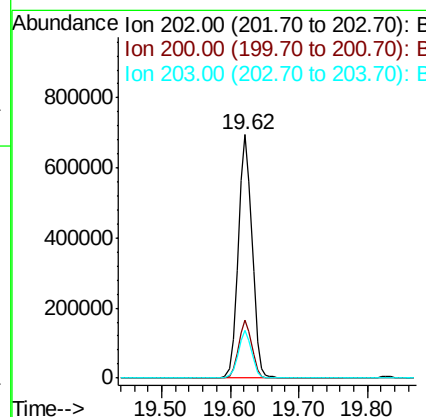
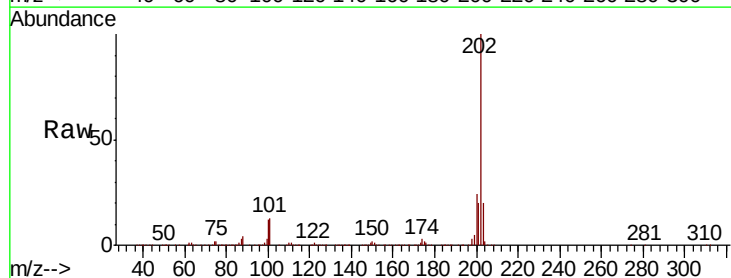
RT: 19.62 min Scan# 2814

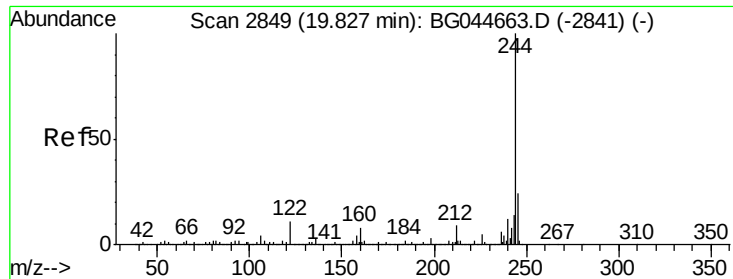
Delta R.T. -0.05 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:	202	Resp:	966340
Ion Ratio	Lower	Upper	
202	100		
200	23.7	18.6	28.0
203	19.7	15.3	22.9





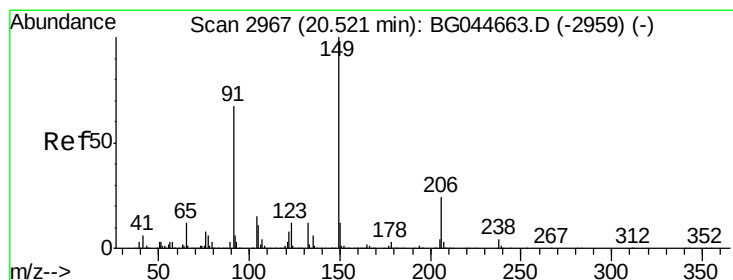
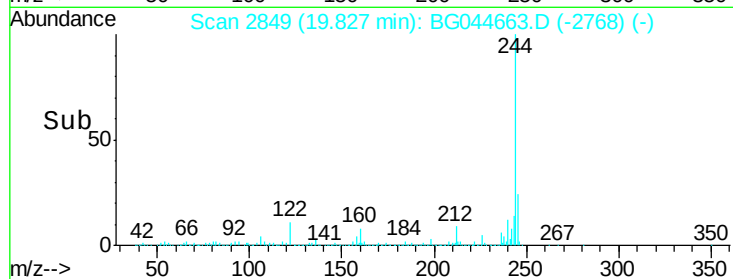
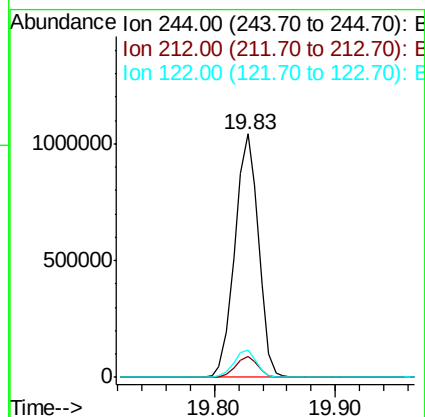
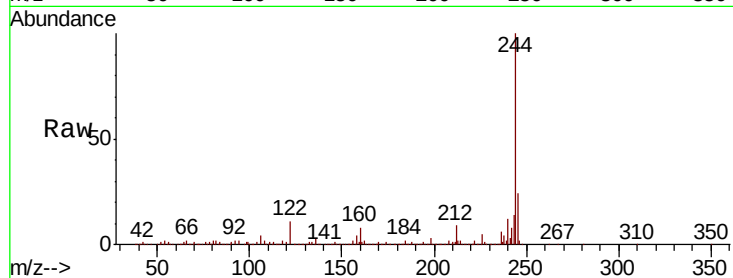
#79
 Terphenyl-d14
 Concen: 73.415 ng
 RT: 19.83 min Scan# 2849
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	11.3	8.2	12.4

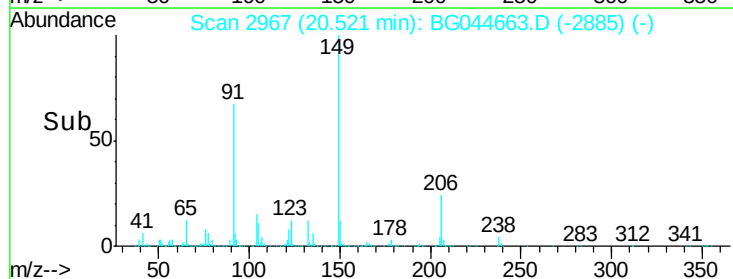
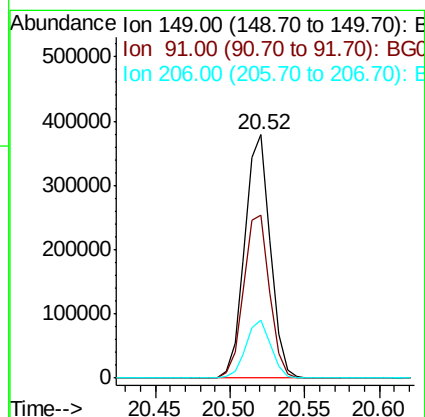
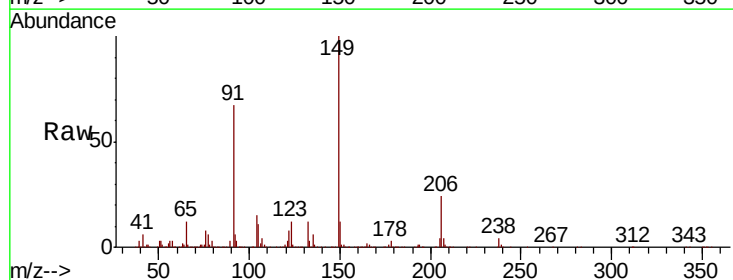
Manual Integrations
 APPROVED

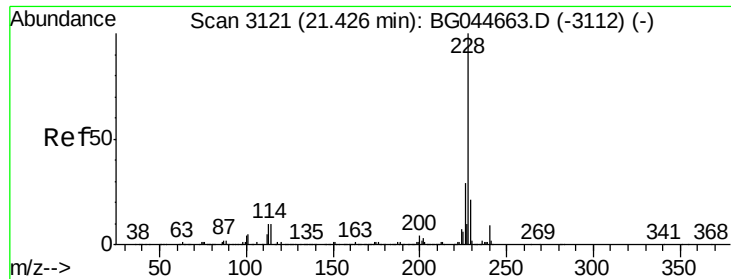
mohammad
 3/4/2020 2:47:22 PM



#80
 Butylbenzylphthalate
 Concen: 38.415 ng
 RT: 20.52 min Scan# 2967
 Delta R.T. -0.05 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.8	52.7	79.1
206	24.0	18.6	28.0





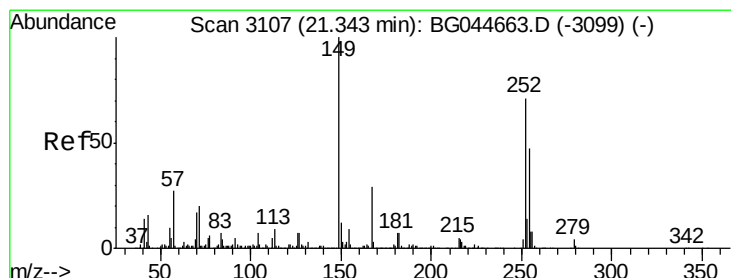
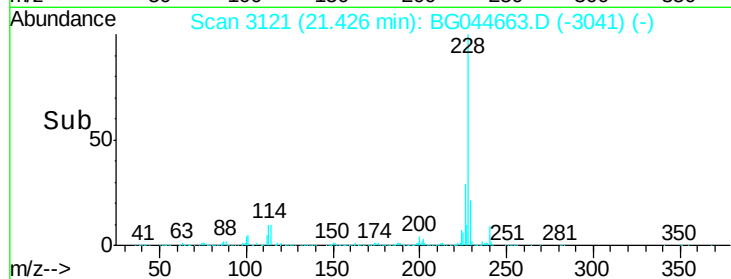
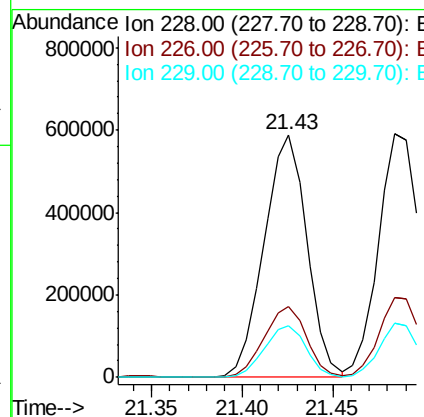
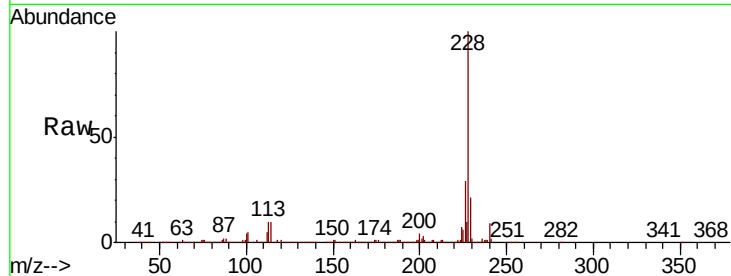
#81
Benzo(a)anthracene
Concen: 37.682 ng
RT: 21.43 min Scan# 3121
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	21.1	17.2	25.8

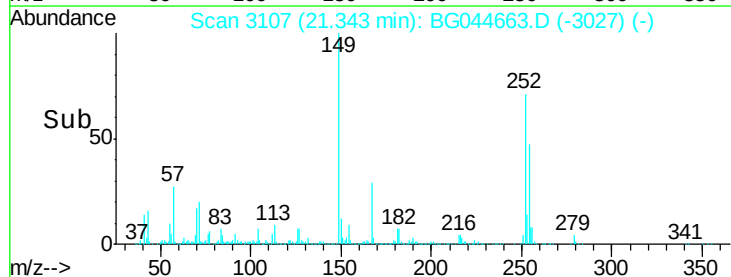
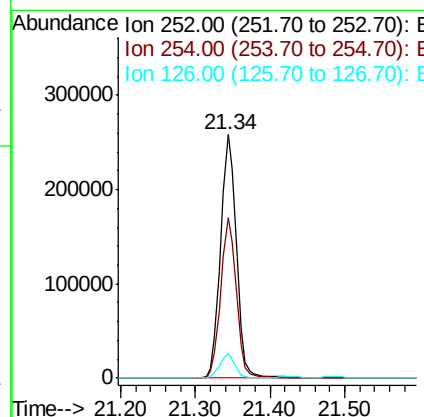
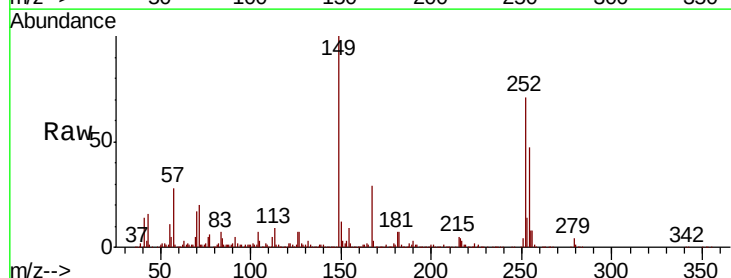
Manual Integrations
APPROVED

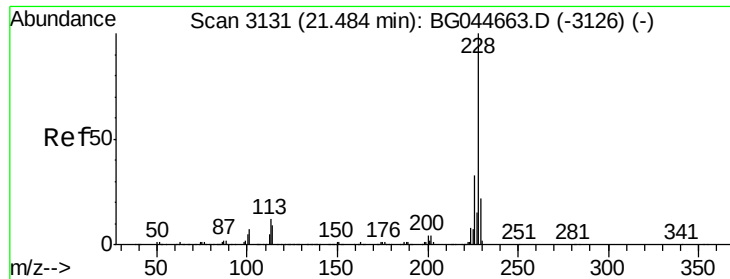
mohammad
3/4/2020 2:47:22 PM



#82
3,3'-Dichlorobenzidine
Concen: 37.388 ng
RT: 21.34 min Scan# 3107
Delta R.T. -0.06 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.5	77.3
126	10.1	7.8	11.6





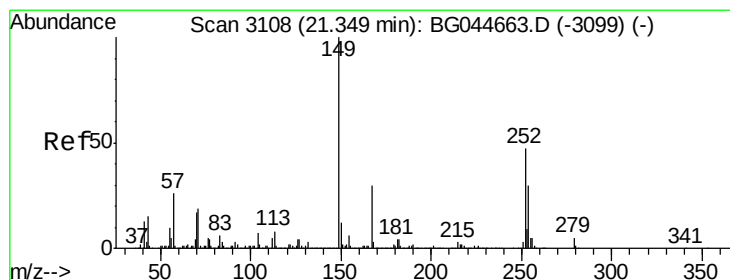
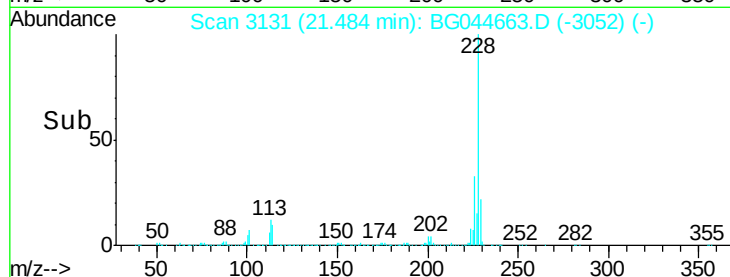
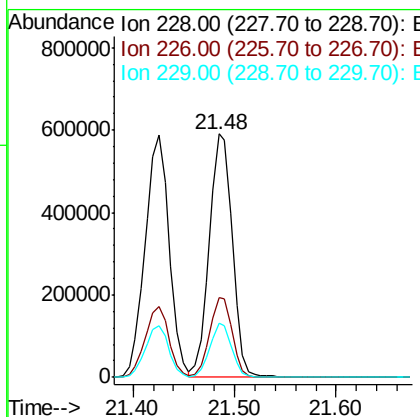
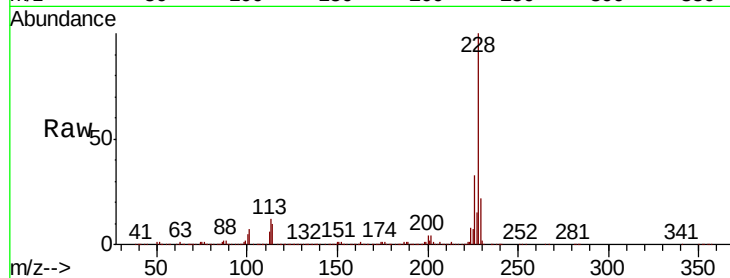
#83
 Chrvsene
 Concen: 37.270 ng
 RT: 21.48 min Scan# 3131
 Delta R.T. -0.07 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.1	39.1
229	22.2	17.2	25.8

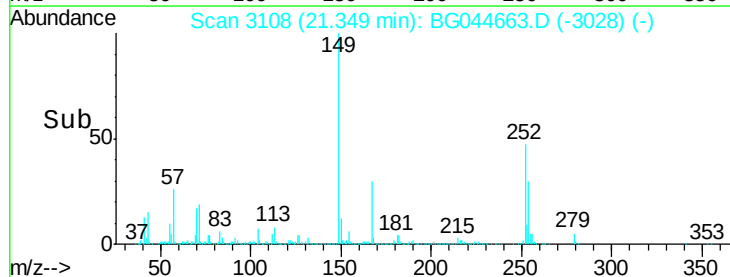
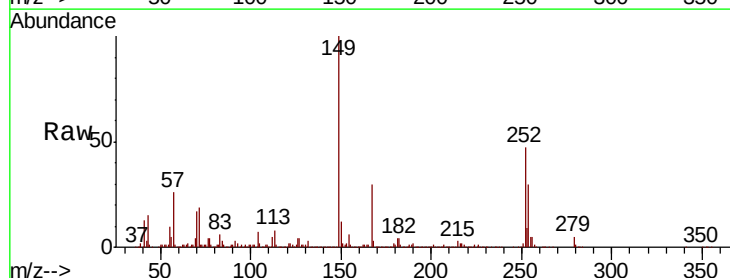
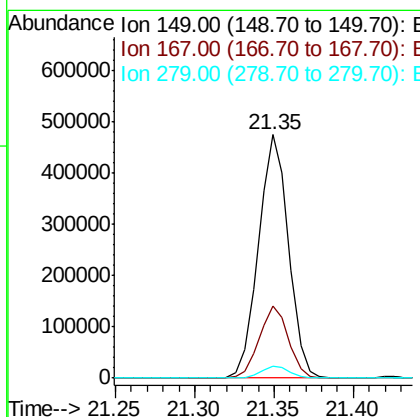
Manual Integrations
 APPROVED

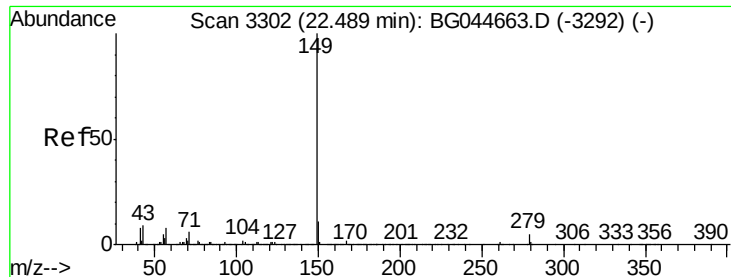
mohammad
 3/4/2020 2:47:22 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.971 ng
 RT: 21.35 min Scan# 3108
 Delta R.T. -0.06 min
 Lab File: BG044663.D
 Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.4	35.0
279	4.7	4.2	6.4





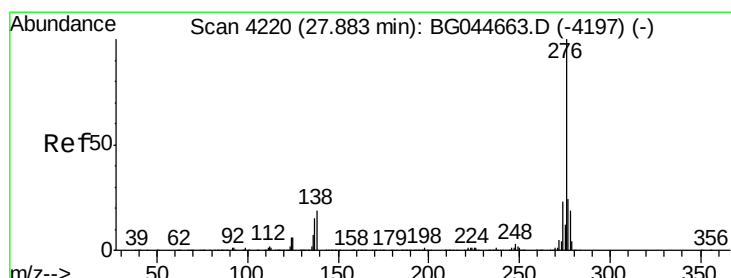
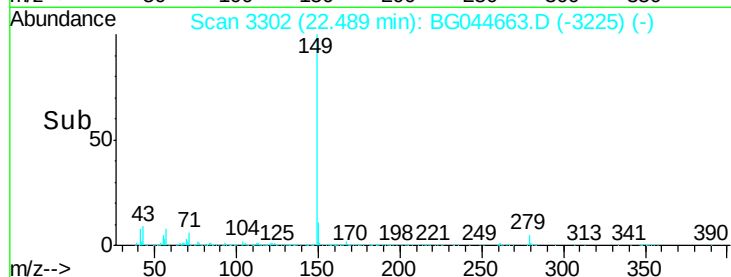
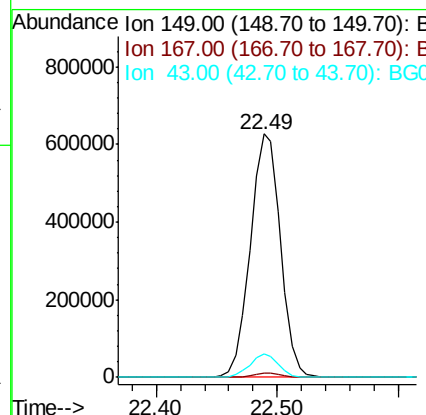
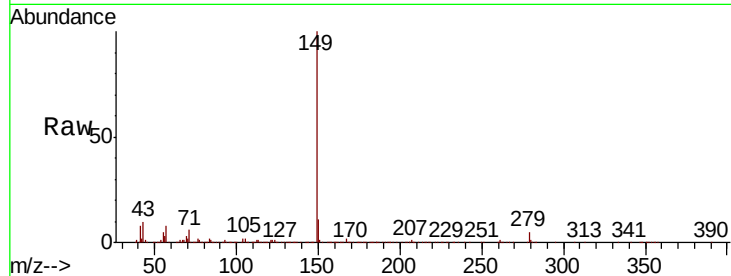
#85
Di-n-octyl phthalate
Concen: 38.483 ng
RT: 22.49 min Scan# 3302
Delta R.T. -0.08 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.0	6.6	10.0

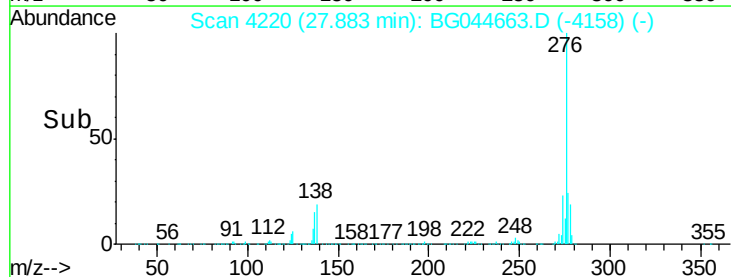
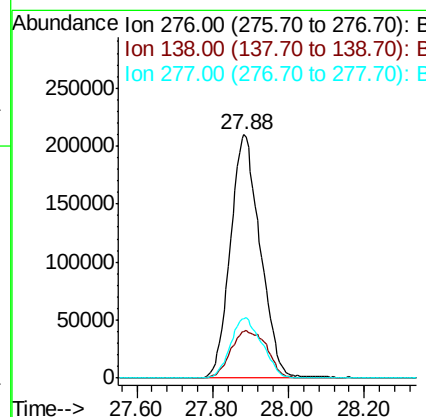
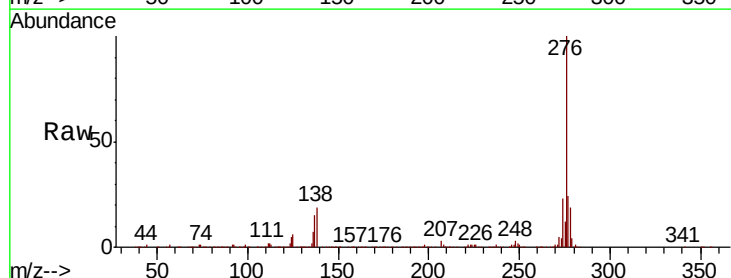
Manual Integrations
APPROVED

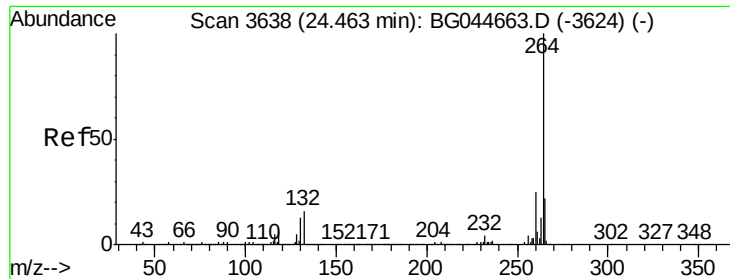
mohammad
3/4/2020 2:47:22 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.148 ng
RT: 27.88 min Scan# 4220
Delta R.T. -0.17 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.2	27.4
277	26.1	20.7	31.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.46 min Scan# 3638

Delta R.T. -0.11 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

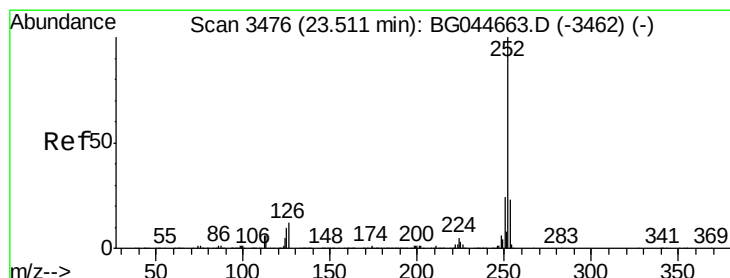
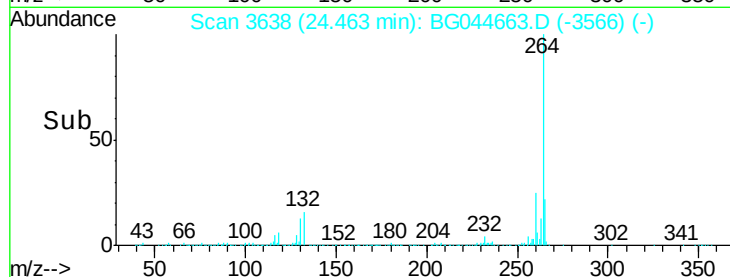
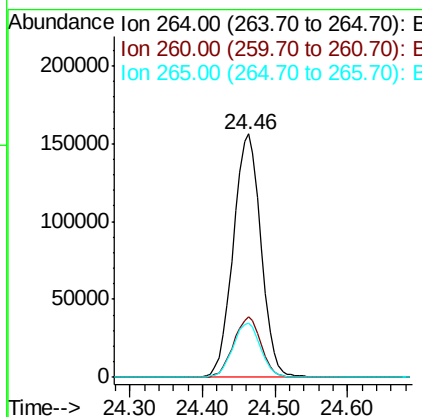
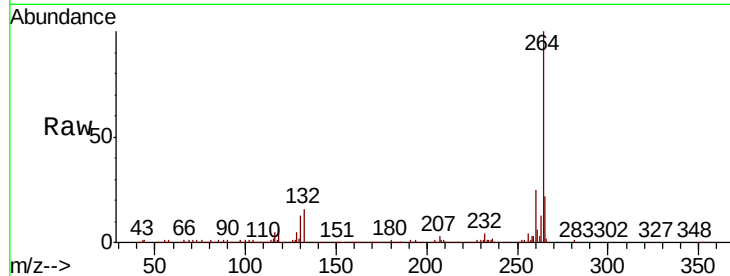
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	415694
Ion Ratio		Lower	Upper
264	100		
260	25.1	19.7	29.5
265	22.2	17.8	26.8

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM



#88

Benzo(b)fluoranthene

Concen: 36.937 ng

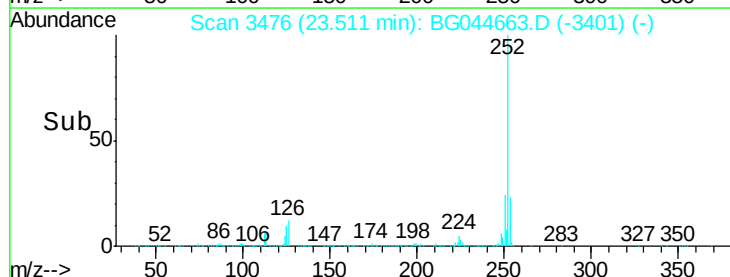
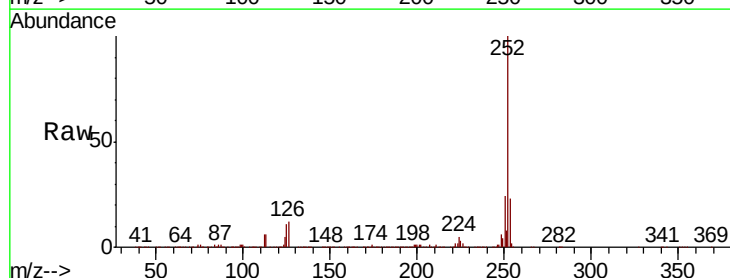
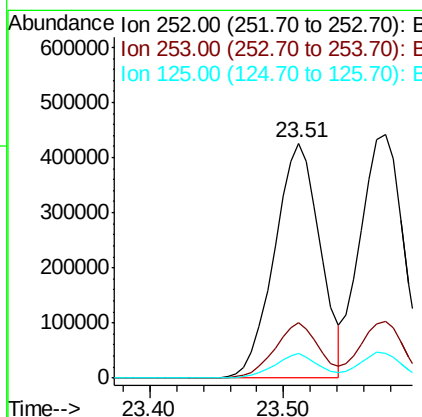
RT: 23.51 min Scan# 3476

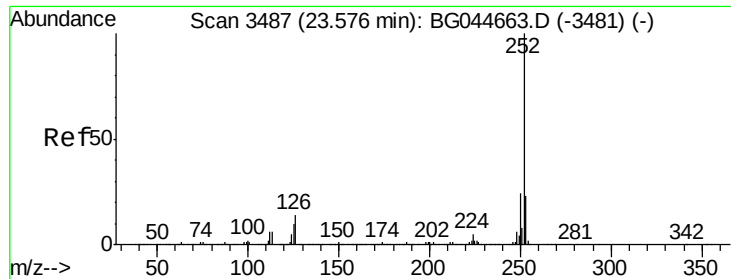
Delta R.T. -0.09 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:	252	Resp:	1009537
Ion Ratio		Lower	Upper
252	100		
253	23.4	18.4	27.6
125	10.5	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 37.270 ng

RT: 23.58 min Scan# 3487

Delta R.T. -0.09 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Instrument :

BNA_G

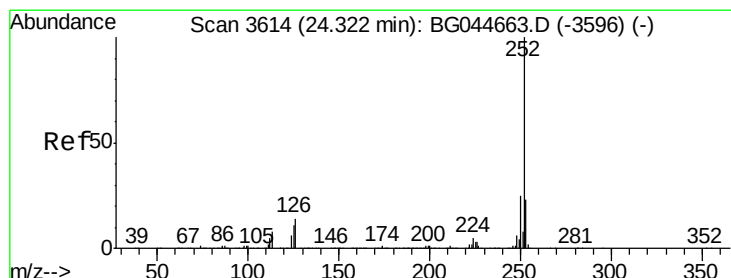
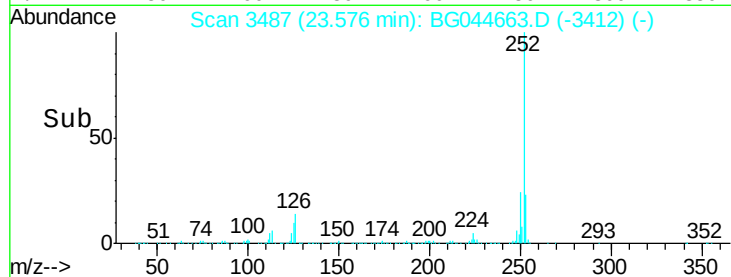
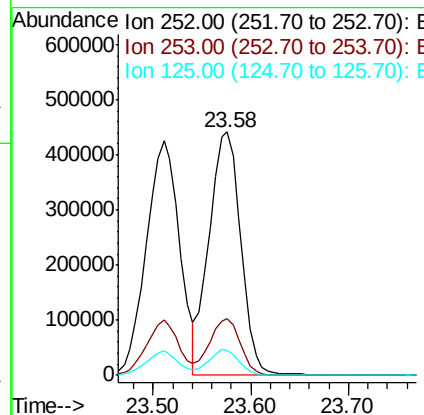
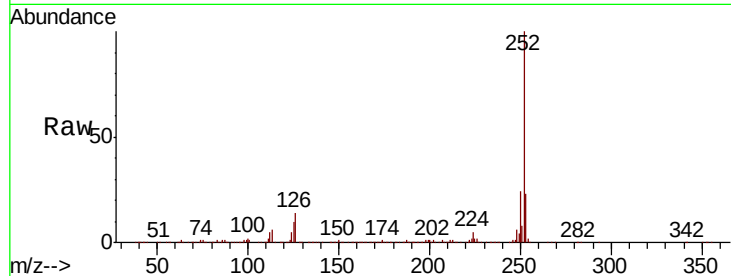
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	988363
Ion Ratio	Lower	Upper	
252	100		
253	23.1	19.0	28.6
125	10.0	7.8	11.8

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM



#90

Benzo(a)pyrene

Concen: 37.235 ng

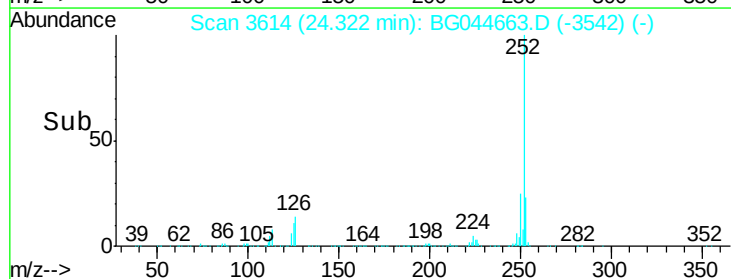
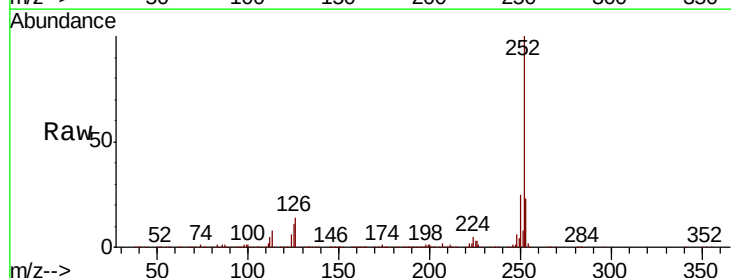
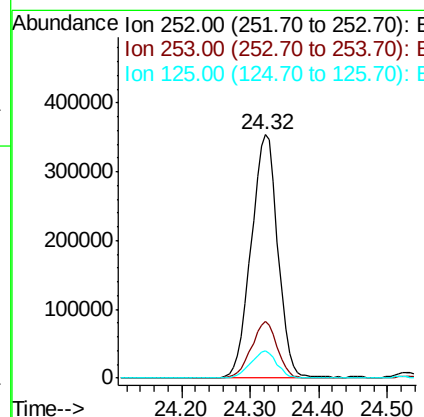
RT: 24.32 min Scan# 3614

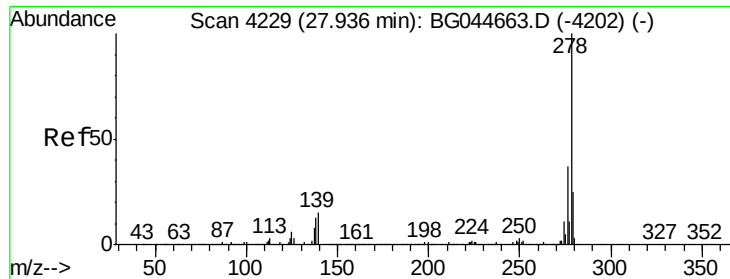
Delta R.T. -0.11 min

Lab File: BG044663.D

Acq: 3 Mar 2020 15:20

Tgt Ion:	252	Resp:	956171
Ion Ratio	Lower	Upper	
252	100		
253	23.2	19.0	28.4
125	11.0	8.5	12.7





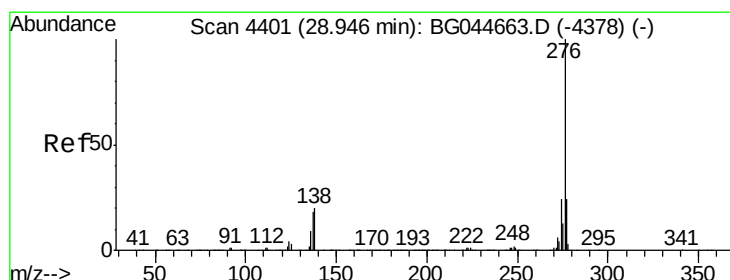
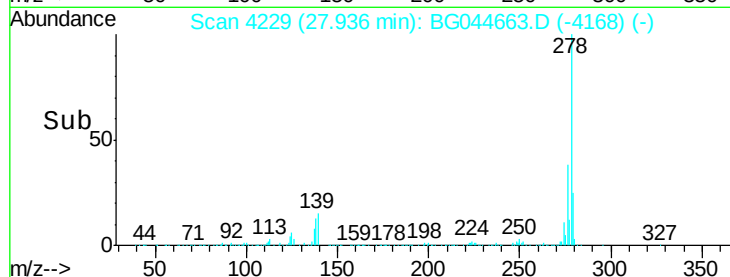
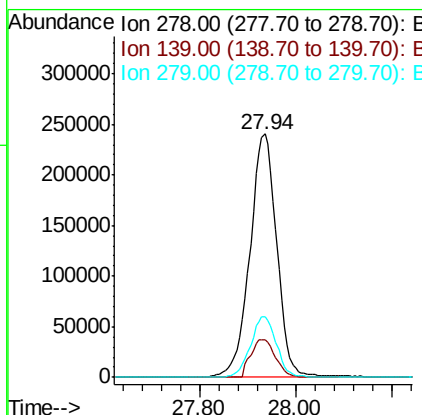
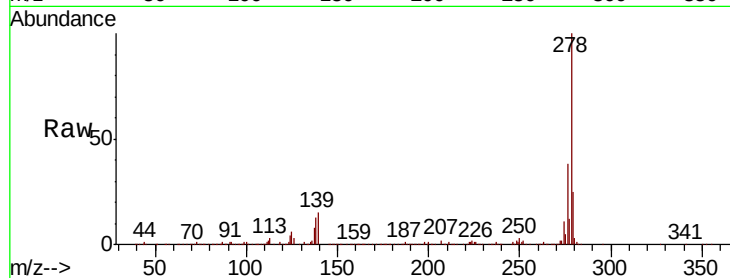
#91
Dibenzo(a,h)anthracene
Concen: 37.014 ng
RT: 27.94 min Scan# 4229
Delta R.T. -0.17 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.7	17.5
279	24.8	19.8	29.6

Manual Integrations
APPROVED

mohammad
3/4/2020 2:47:22 PM



#92
Benzo(g,h,i)perylene
Concen: 36.434 ng
RT: 28.95 min Scan# 4401
Delta R.T. -0.18 min
Lab File: BG044663.D
Acq: 3 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	20.0	16.1	24.1

