

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045494.D
 Acq On : 28 May 2020 12:52
 Operator : CG/JU
 Sample : PB129122BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

Manual Integrations
 APPROVED

mohammad
 5/29/2020 10:26:56 PM

Quant Time: May 28 13:39:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62379	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	273718	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	209472	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	510424	20.00	ng	0.00
76) Chrysene-d12	21.61	240	446074	20.00	ng	0.00
87) Perylene-d12	24.75	264	494368	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	502885	157.55	ng	0.00
7) Phenol-d6	7.17	99	722474	159.03	ng	0.00
23) Nitrobenzene-d5	9.12	82	471100	93.86	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	389545	145.41	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1124745	91.08	ng	0.00
79) Terphenyl-d14	19.96	244	1887150	98.67	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.40	88	58400	36.896 ng	95
3) Pyridine	3.80	79	141402	32.077 ng	93
4) n-Nitrosodimethylamine	3.71	42	65077	45.114 ng	91
6) Aniline	7.28	93	275180	46.401 ng	98
8) 2-Chlorophenol	7.54	128	192511	54.998 ng	96
9) Benzaldehyde	7.08	77	122217	41.291 ng	93
10) Phenol	7.20	94	259116	55.341 ng	98
11) bis(2-Chloroethyl)ether	7.37	93	179008	49.015 ng	98
12) 1,3-Dichlorobenzene	7.85	146	197506	46.954 ng	98
13) 1,4-Dichlorobenzene	7.99	146	199521	48.064 ng	98
14) 1,2-Dichlorobenzene	8.31	146	191185	47.885 ng	97
15) Benzyl Alcohol	8.21	79	198059	52.774 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	164869	47.558 ng	98
17) 2-Methylphenol	8.44	107	178427	50.912 ng	97
18) Hexachloroethane	9.04	117	77465	48.724 ng	87
19) n-Nitroso-di-n-propylamine	8.76	70	165767	52.766 ng	100
20) 3+4-Methylphenols	8.76	107	236845m	49.629 ng	
22) Acetophenone	8.78	105	291290	44.901 ng	# 93
24) Nitrobenzene	9.16	77	242055	45.010 ng	99
25) Isophorone	9.69	82	465144	47.055 ng	98
26) 2-Nitrophenol	9.87	139	111370	48.411 ng	92
27) 2,4-Dimethylphenol	9.96	122	192497	56.417 ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	252177	48.644 ng	98
29) 2,4-Dichlorophenol	10.44	162	203860	50.595 ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	217665	45.717 ng	97
31) Naphthalene	10.81	128	594462	46.606 ng	98
32) Benzoic acid	10.15	122	126646	53.202 ng	91
33) 4-Chloroaniline	10.93	127	196820	36.915 ng	97
34) Hexachlorobutadiene	11.11	225	151789	45.102 ng	98
35) Caprolactam	11.70	113	76028m	51.407 ng	
36) 4-Chloro-3-methylphenol	12.09	107	246776	54.353 ng	94
37) 2-Methylnaphthalene	12.42	142	469874	49.425 ng	100
38) 1-Methylnaphthalene	12.64	142	441548	49.168 ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	269513	46.064 ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045494.D
 Acq On : 28 May 2020 12:52
 Operator : CG/JU
 Sample : PB129122BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB129122BS

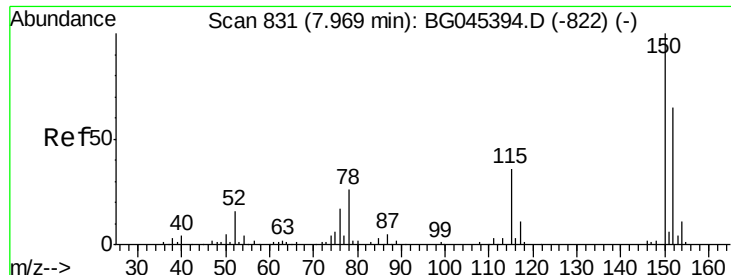
Manual Integrations
 APPROVED

mohammad
 5/29/2020 10:26:56 PM

Quant Time: May 28 13:39:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	347598	102.930	nq	100
43) 2,4,6-Trichlorophenol	13.05	196	187679	46.177	nq	98
44) 2,4,5-Trichlorophenol	13.14	196	195702	42.136	nq	95
46) 1,1'-Biphenyl	13.43	154	609519	47.356	nq	99
47) 2-Chloronaphthalene	13.48	162	468948	44.868	nq	99
48) 2-Nitroaniline	13.68	65	156378	45.484	nq	87
49) Acenaphthylene	14.32	152	791702	47.158	nq	99
50) Dimethylphthalate	14.06	163	664935	46.274	nq	98
51) 2,6-Dinitrotoluene	14.17	165	153922	47.470	nq	96
52) Acenaphthene	14.66	154	585075m	52.064	nq	
53) 3-Nitroaniline	14.51	138	118173	35.852	nq	93
54) 2,4-Dinitrophenol	14.72	184	190595	89.067	nq	97
55) Dibenzofuran	15.00	168	767935	46.017	nq	97
56) 4-Nitrophenol	14.87	139	233286	93.482	nq	98
57) 2,4-Dinitrotoluene	14.97	165	220414	46.936	nq	94
58) Fluorene	15.65	166	642648	46.874	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	200575	49.086	nq	97
60) Diethylphthalate	15.42	149	692991	46.334	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	357421	45.558	nq	98
62) 4-Nitroaniline	15.68	138	151104	43.912	nq	97
63) Azobenzene	15.94	77	647898	46.458	nq	96
65) 4,6-Dinitro-2-methylphenol	15.74	198	140516	47.269	nq	96
66) n-Nitrosodiphenylamine	15.86	169	576960	47.079	nq	97
67) 4-Bromophenyl-phenylether	16.54	248	254597	46.064	nq	98
68) Hexachlorobenzene	16.67	284	274548	47.493	nq	99
69) Atrazine	16.81	200	227370	45.043	nq	98
70) Pentachlorophenol	17.01	266	282716	94.187	nq	98
71) Phenanthrene	17.39	178	1057463	47.456	nq	99
72) Anthracene	17.48	178	1083395	48.415	nq	98
73) Carbazole	17.76	167	989663	45.372	nq	99
74) Di-n-butylphthalate	18.31	149	1172312	44.778	nq	98
75) Fluoranthene	19.40	202	1280274	45.172	nq	99
77) Benzidine	19.58	184	750290	59.888	nq	99
78) Pyrene	19.76	202	1281435	50.395	nq	98
80) Butylbenzylphthalate	20.65	149	506114	46.113	nq	99
81) Benzo(a)anthracene	21.59	228	1217724	49.004	nq	99
82) 3,3'-Dichlorobenzidine	21.51	252	362040	37.142	nq	99
83) Chrysene	21.65	228	1139280	47.681	nq	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	710177	47.071	nq	99
85) Di-n-octyl phthalate	22.69	149	1202452	46.404	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1514080	48.458	nq	99
88) Benzo(b)fluoranthene	23.76	252	1293425	48.784	nq	99
89) Benzo(k)fluoranthene	23.83	252	1237330	49.674	nq	98
90) Benzo(a)pyrene	24.61	252	1179905	47.783	nq	99
91) Dibenzo(a,h)anthracene	28.40	278	1240481	49.992	nq	100
92) Benzo(g,h,i)perylene	29.46	276	1248015	50.289	nq	96

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



#1

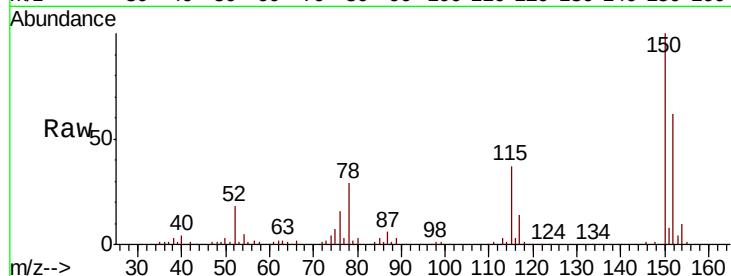
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	122.4	183.6
115	59.8	44.2	66.4

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM

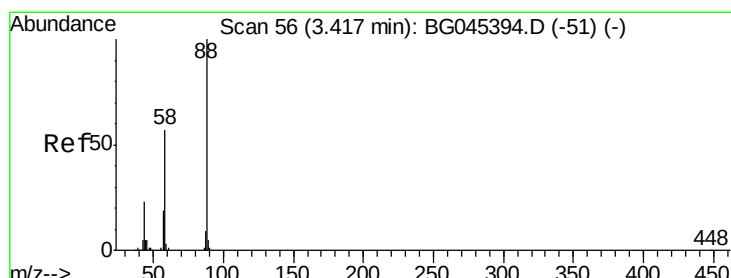
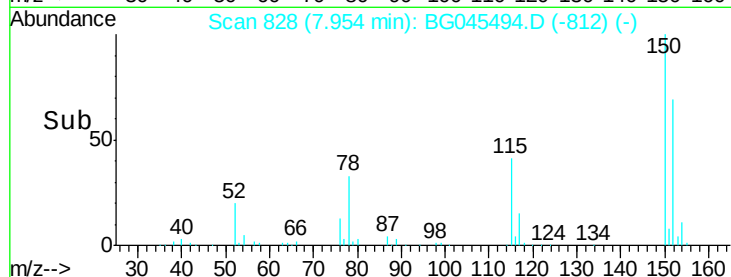
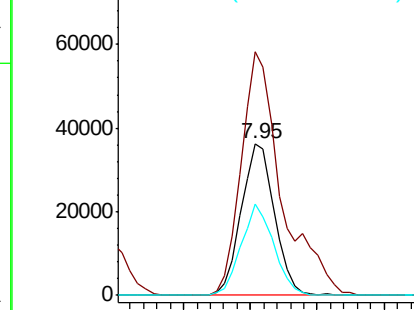


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

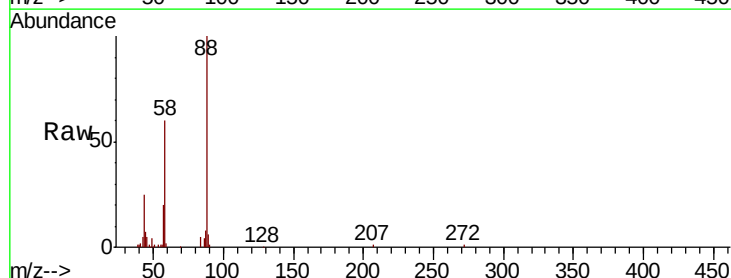
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.896 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.1	45.7	68.5
43	23.7	16.8	25.2

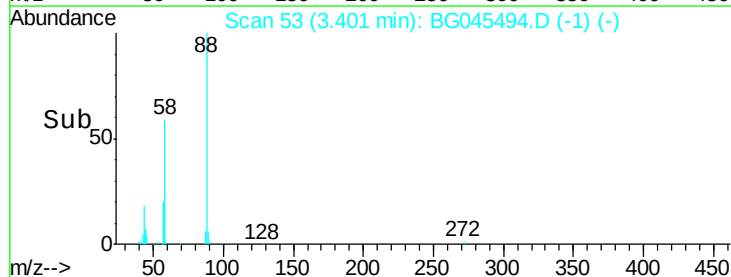
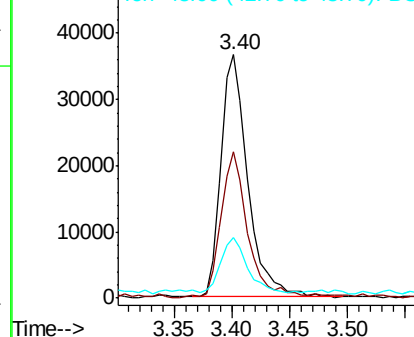


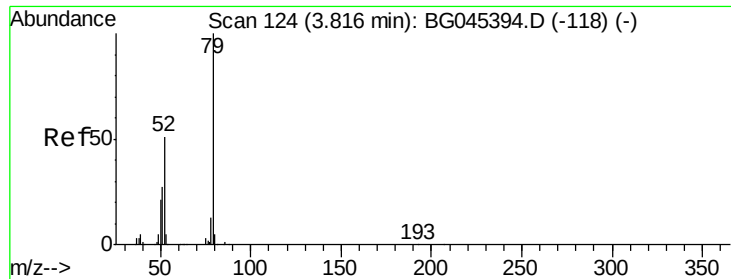
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





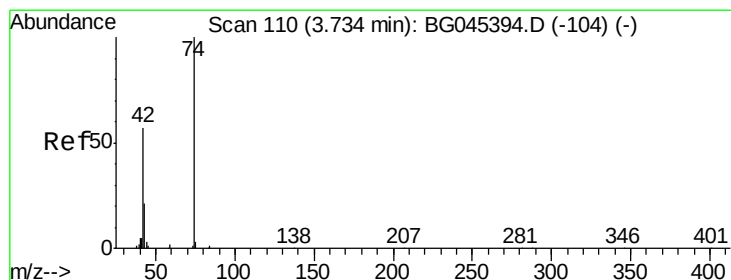
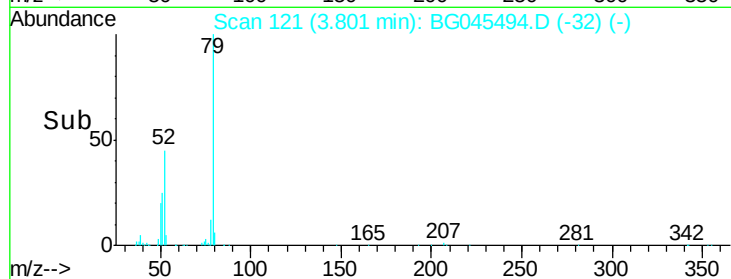
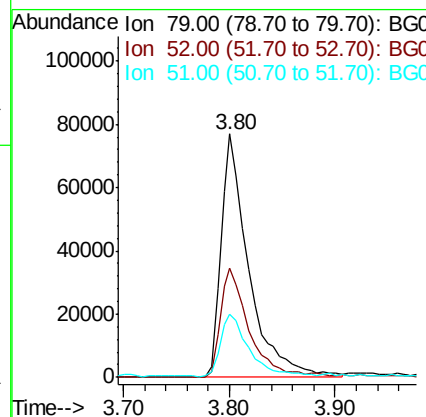
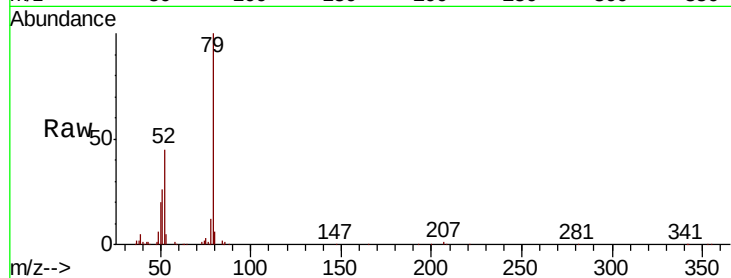
#3
 Pvridine
 Concen: 32.077 ng
 RT: 3.80 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Instrument :
 BNA_G
 ClientSampled :
 PB129122BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	44.9	40.8	61.2
51	26.0	21.9	32.9

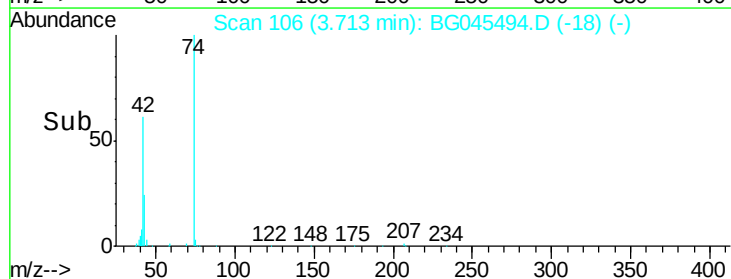
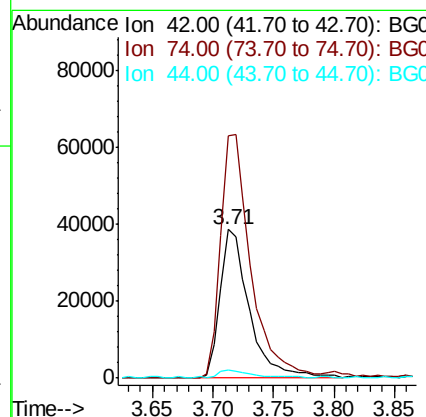
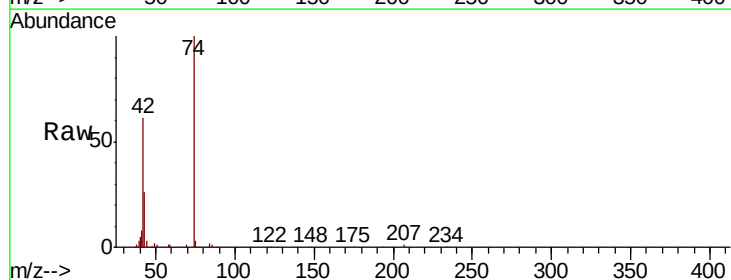
Manual Integrations
 APPROVED

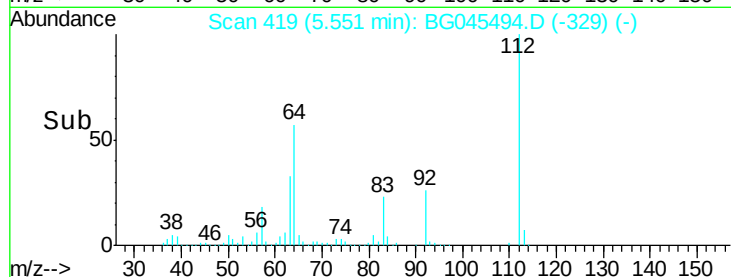
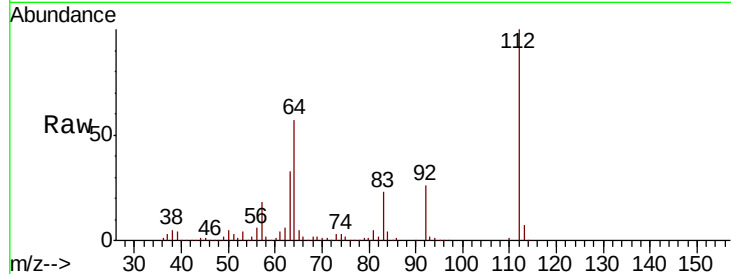
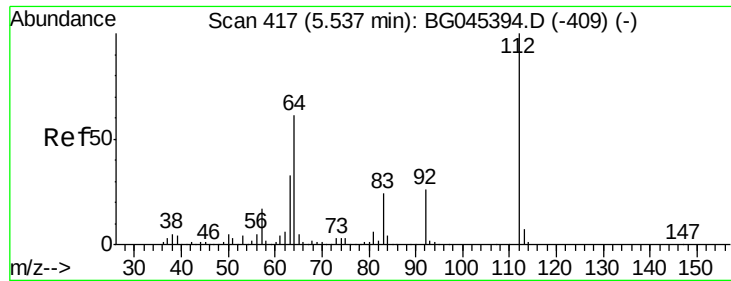
mohammad
 5/29/2020 10:26:56 PM



#4
 n-Nitrosodimethylamine
 Concen: 45.114 ng
 RT: 3.71 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	163.2	141.3	211.9
44	5.6	4.2	6.4





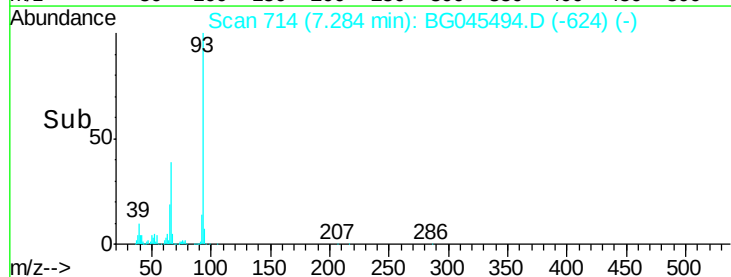
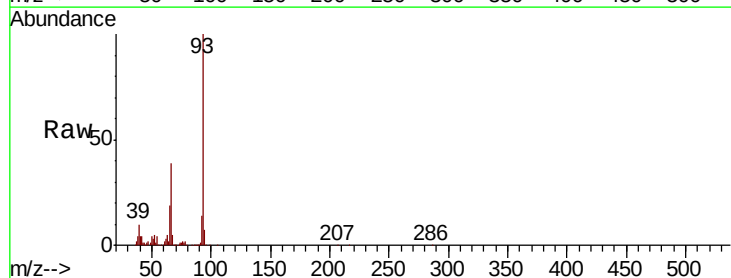
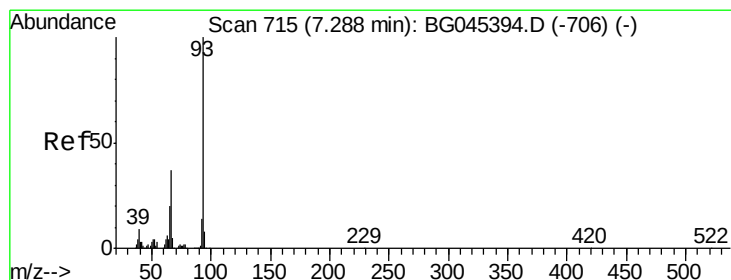
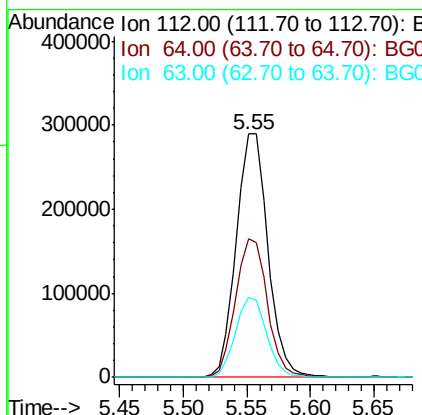
#5
2-Fluorophenol
Concen: 157.551 ng
RT: 5.55 min Scan# 419
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tot Ion	Ratio	Resp	Lower	Upper
112	100	502885		
64	57.0	48.6	72.8	
63	32.9	26.5	39.7	

Instrument :
BNA_G
ClientSampleId :
PB129122BS

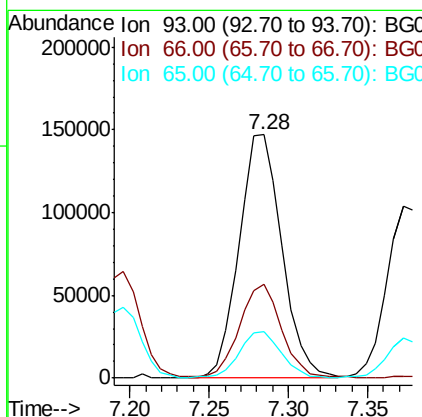
Manual Integrations
APPROVED

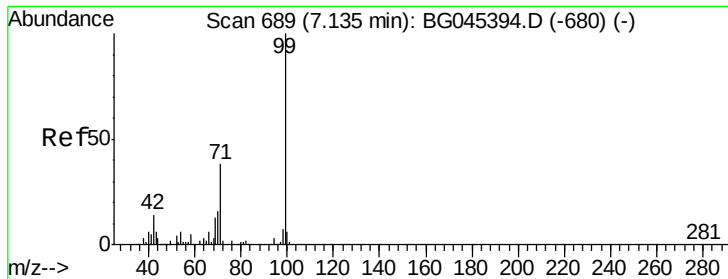
mohammad
5/29/2020 10:26:56 PM



#6
Aniline
Concen: 46.401 ng
RT: 7.28 min Scan# 714
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	275180		
66	38.5	29.6	44.4	
65	19.2	15.9	23.9	





#7

Phenol-d6

Concen: 159.030 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

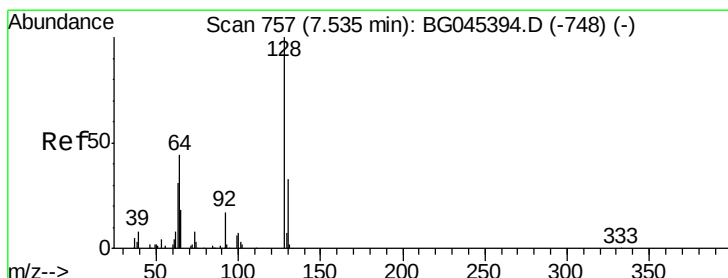
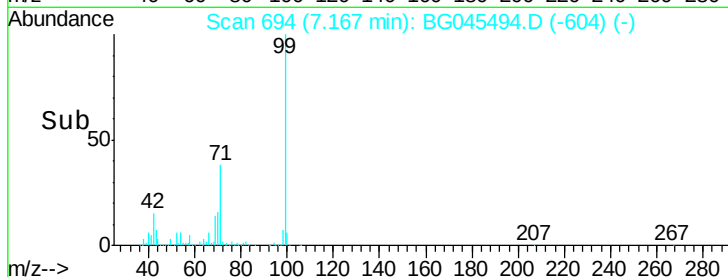
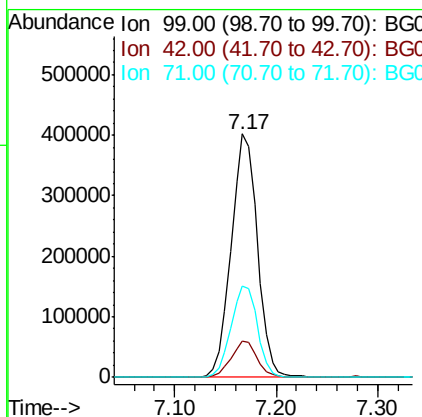
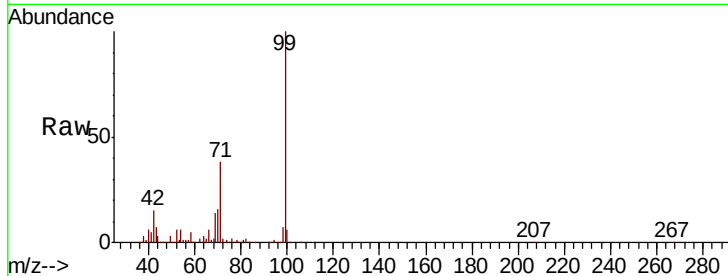
ClientSampled :

PB129122BS

Tot Ion:	99	Resp:	722474
Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.3	16.9
71	37.7	30.8	46.2

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



#8

2-Chlorophenol

Concen: 54.998 ng

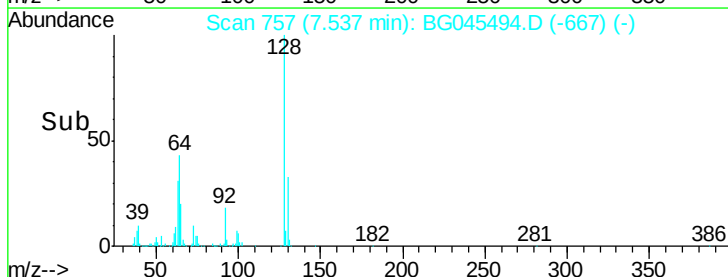
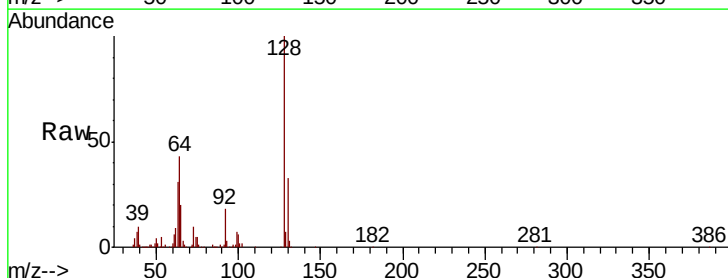
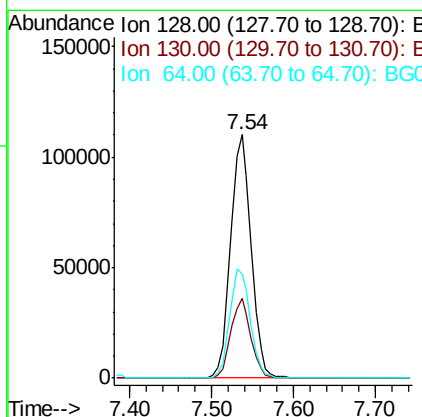
RT: 7.54 min Scan# 757

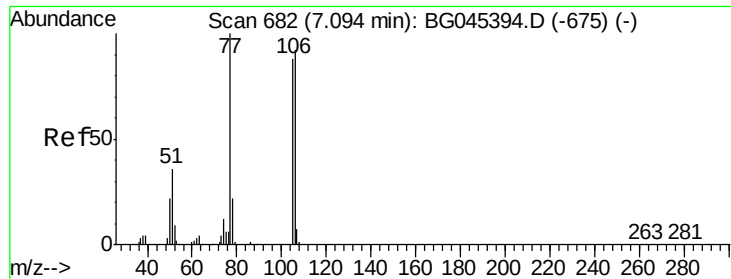
Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:	128	Resp:	192511
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	42.6	27.0	67.0





#9

Benzaldehyde

Concen: 41.291 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

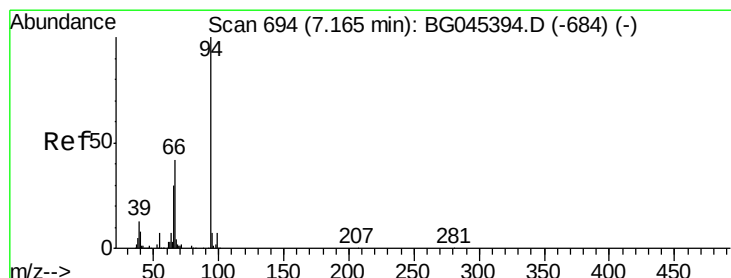
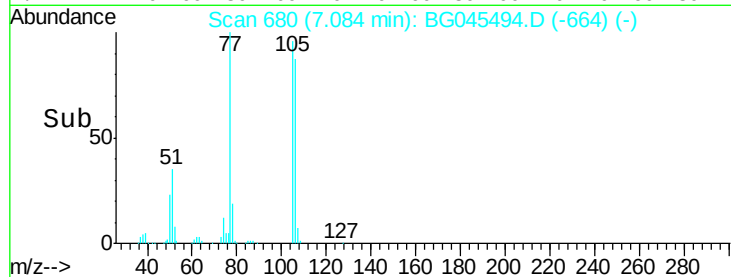
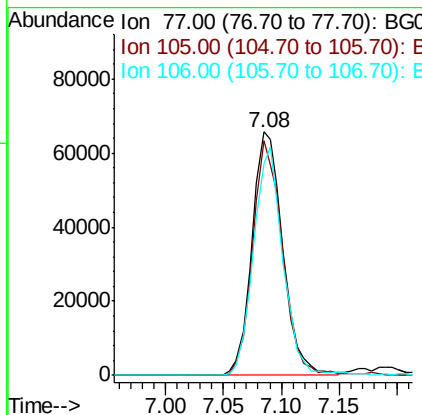
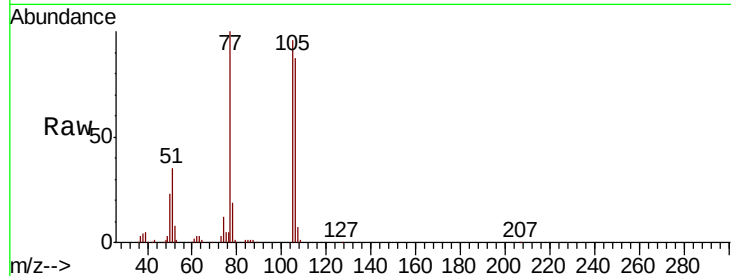
ClientSampleId :

PB129122BS

Tot Ion:	77	Resp:	122217
Ion Ratio	Lower	Upper	
77	100		
105	96.2	68.5	108.5
106	86.9	71.6	111.6

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



#10

Phenol

Concen: 55.341 ng

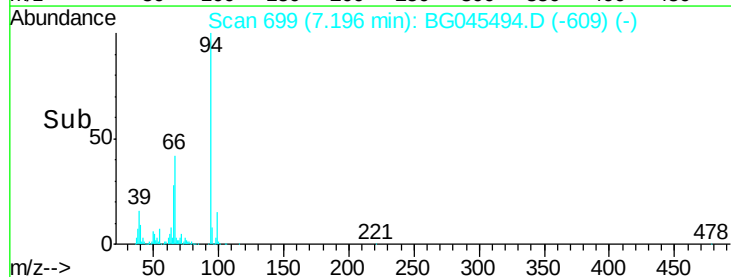
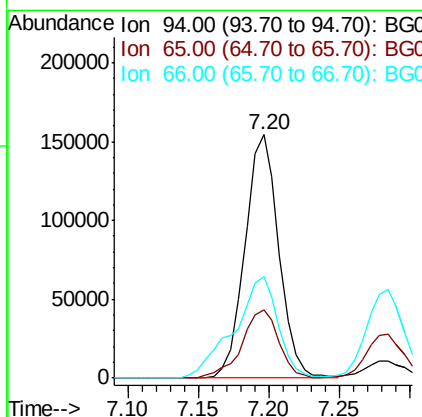
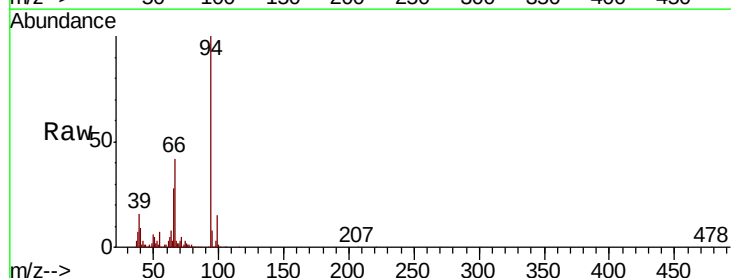
RT: 7.20 min Scan# 699

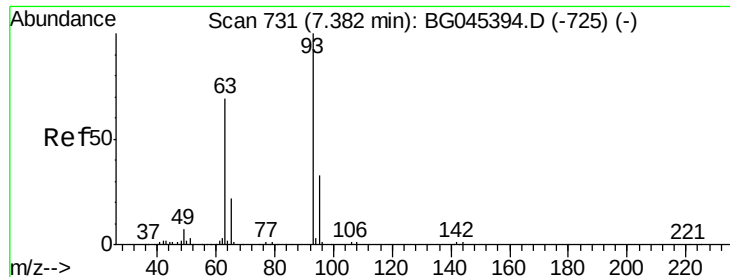
Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:	94	Resp:	259116
Ion Ratio	Lower	Upper	
94	100		
65	27.8	9.8	49.8
66	41.9	22.0	62.0





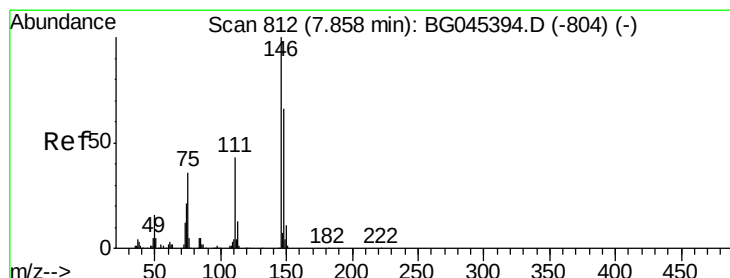
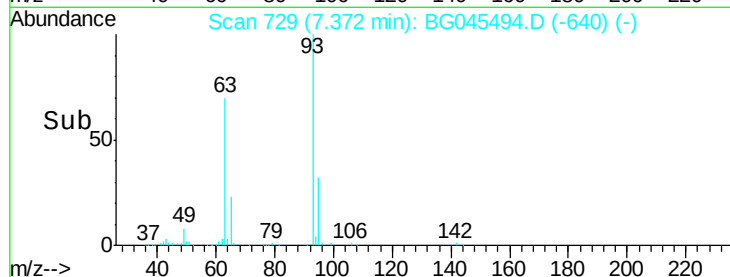
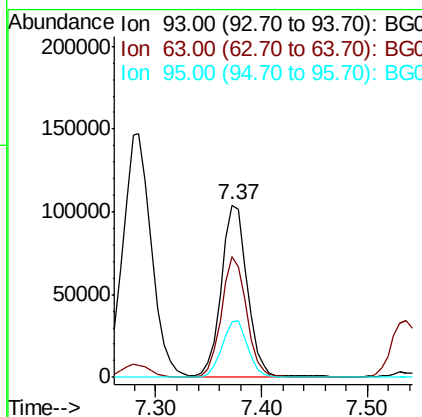
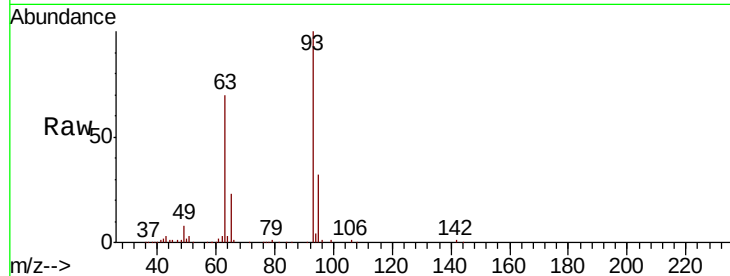
#11
bis(2-Chloroethyl)ether
Concen: 49.015 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	179008		
63	70.3		48.4	88.4
95	32.0		12.4	52.4

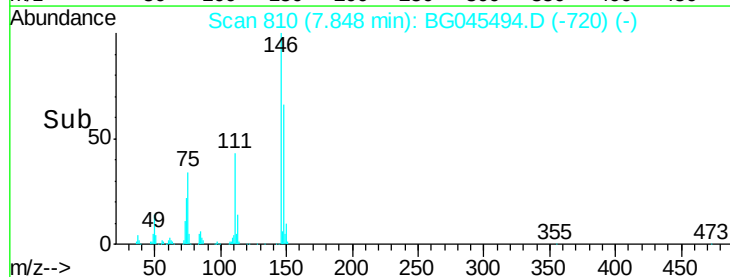
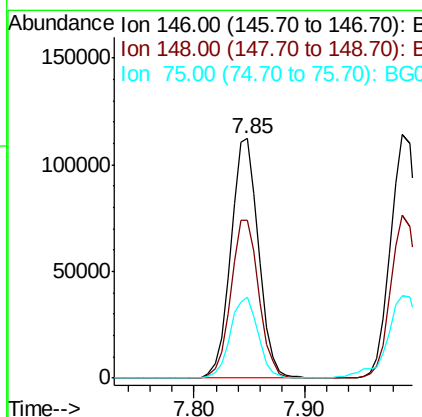
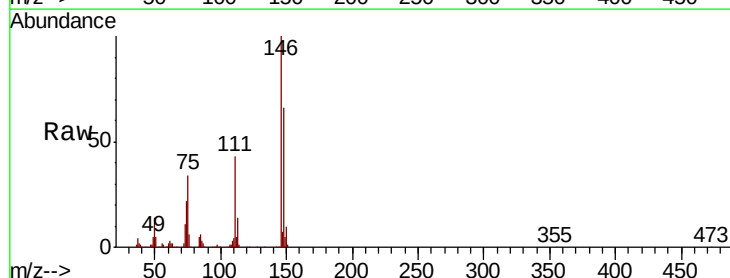
Manual Integrations
APPROVED

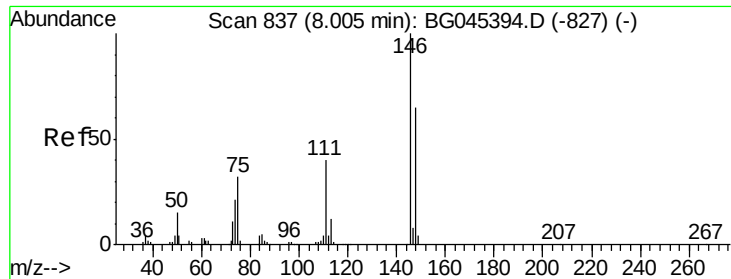
mohammad
5/29/2020 10:26:56 PM



#12
1,3-Dichlorobenzene
Concen: 46.954 ng
RT: 7.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	197506		
148	66.0		53.2	79.8
75	33.8		28.6	43.0





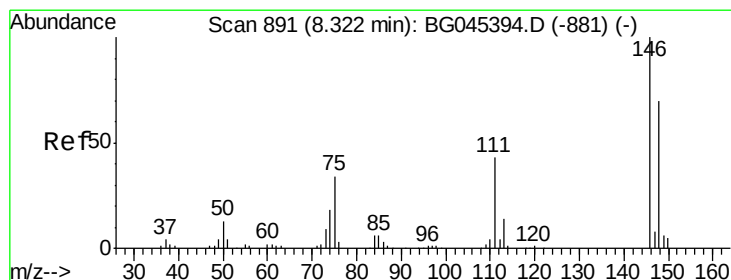
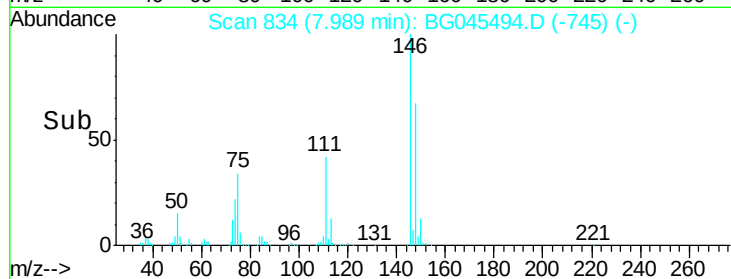
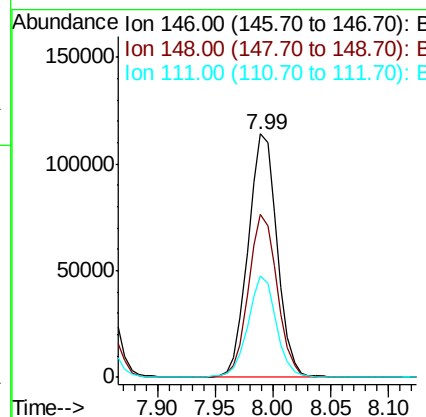
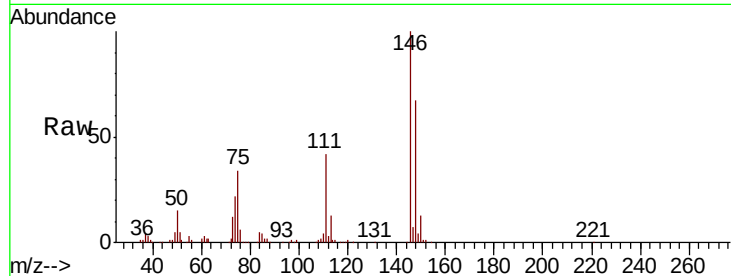
#13
 1,4-Dichlorobenzene
 Concen: 48.064 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		199521		
148	66.8	51.8	77.8		
111	41.6	32.1	48.1		

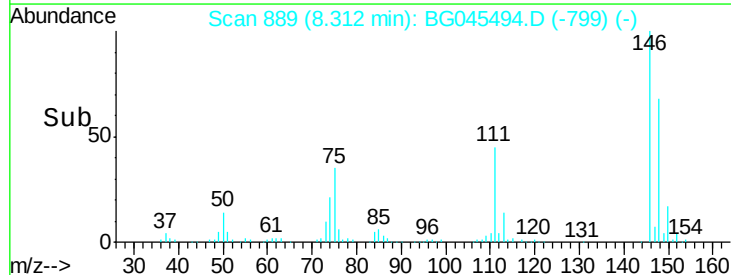
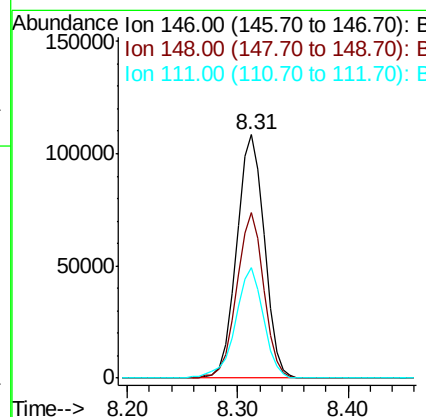
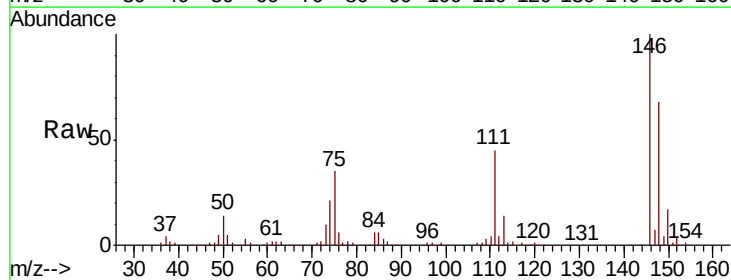
Manual Integrations
 APPROVED

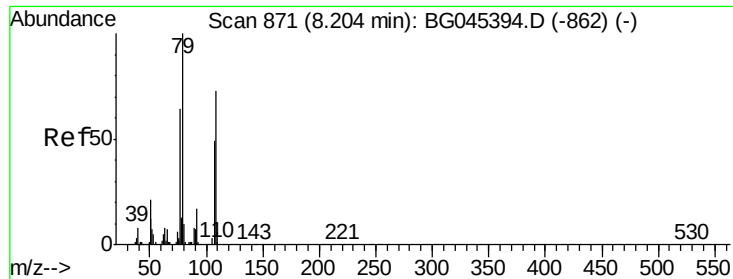
mohammad
 5/29/2020 10:26:56 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.885 ng
 RT: 8.31 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		191185		
148	67.8	55.9	83.9		
111	45.3	35.0	52.4		





#15

Benzyl Alcohol

Concen: 52.774 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

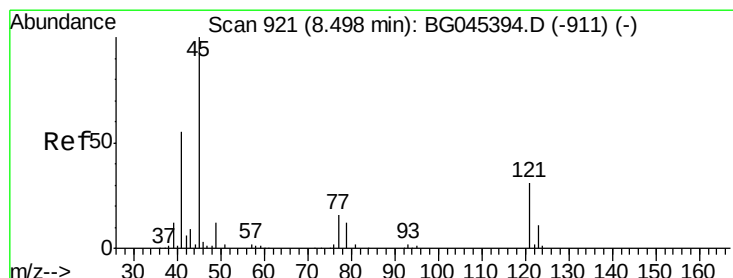
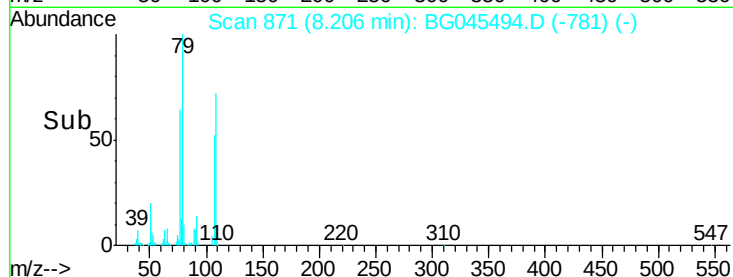
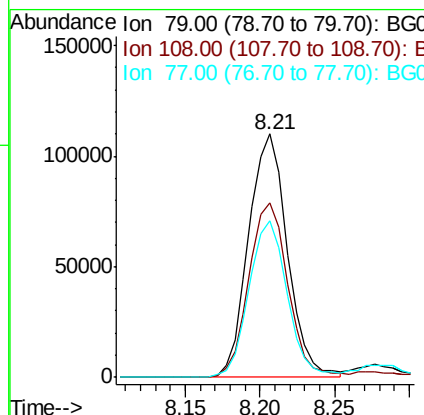
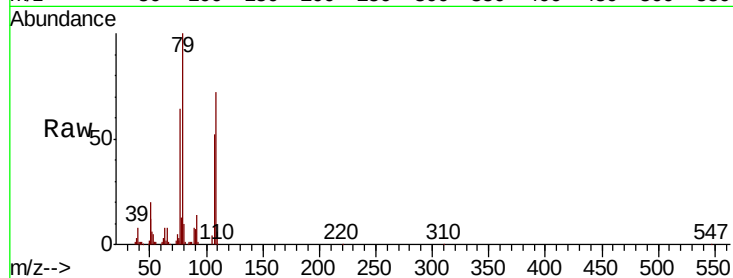
ClientSampleId :

PB129122BS

Tot Ion	79	Resp	198059
Ion	Ratio	Lower	Upper
79	100		
108	71.7	58.2	87.4
77	64.4	51.0	76.4

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.558 ng

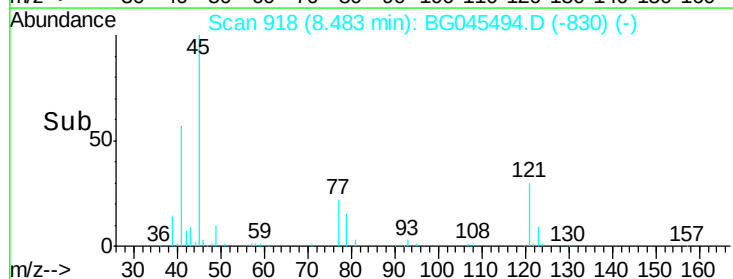
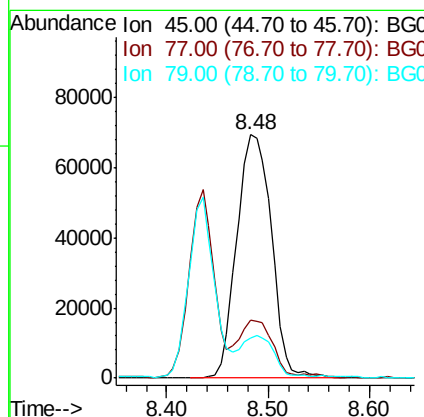
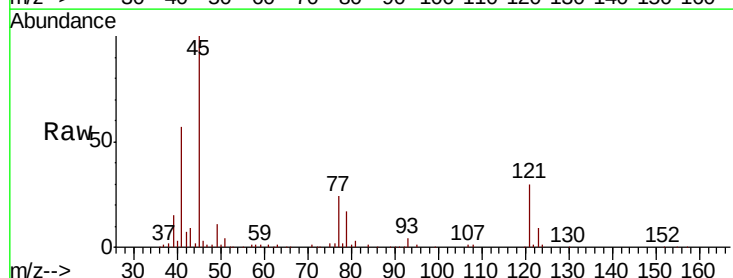
RT: 8.48 min Scan# 918

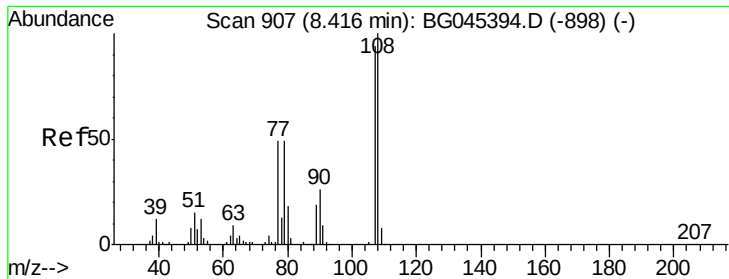
Delta R.T. -0.01 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion	45	Resp	164869
Ion	Ratio	Lower	Upper
45	100		
77	23.8	4.0	44.0
79	16.6	0.0	38.6





#17

2-Methylphenol

Concen: 50.912 ng

RT: 8.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

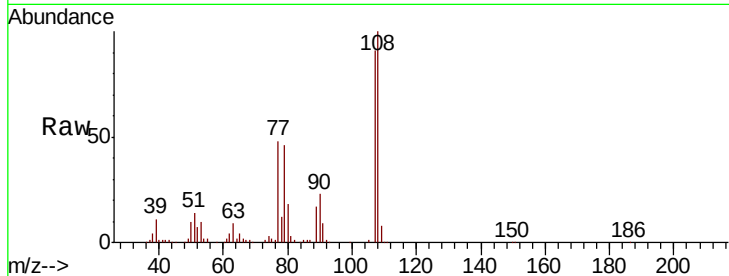
ClientSampleId :

PB129122BS

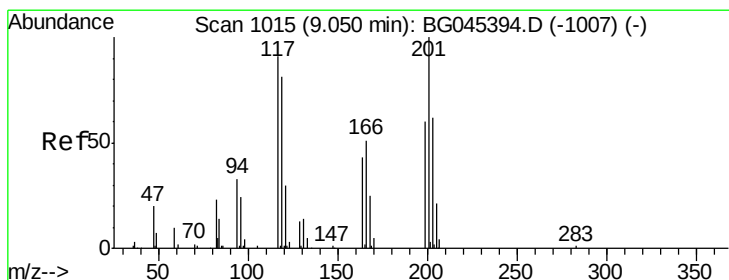
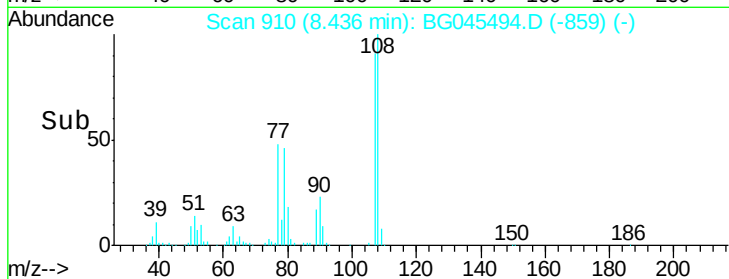
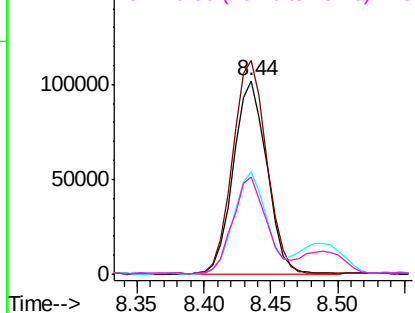
Tot Ion:	107	Resp:	178427
Ion Ratio	Lower	Upper	
107	100		
108	110.3	85.2	127.8
77	52.8	41.6	62.4
79	50.5	41.8	62.8

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



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



#18

Hexachloroethane

Concen: 48.724 ng

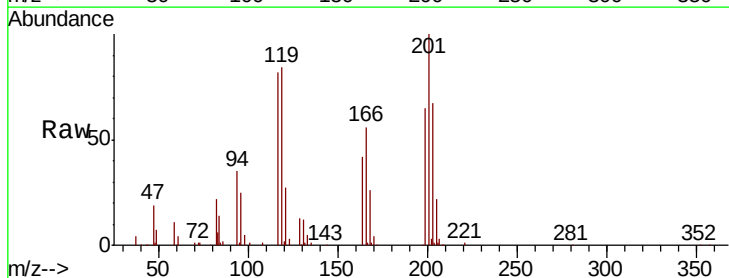
RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

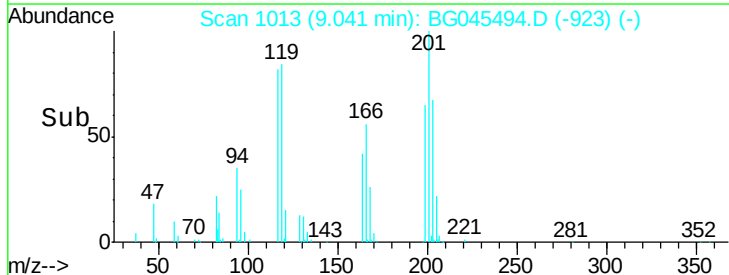
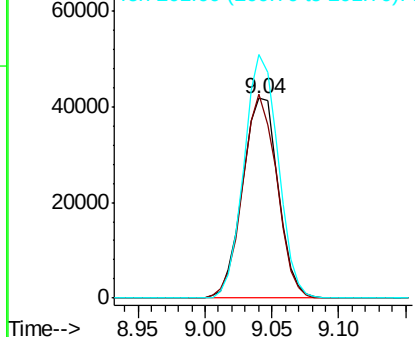
Lab File: BG045494.D

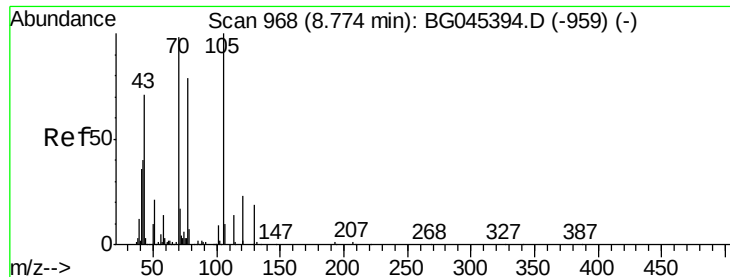
Acq: 28 May 2020 12:52

Tgt Ion:	117	Resp:	77465
Ion Ratio	Lower	Upper	
117	100		
119	102.2	71.3	106.9
201	121.9	87.5	131.3



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





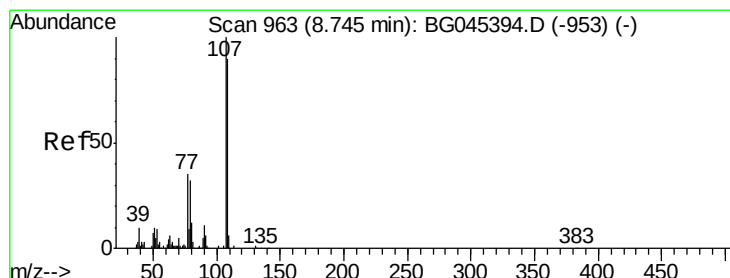
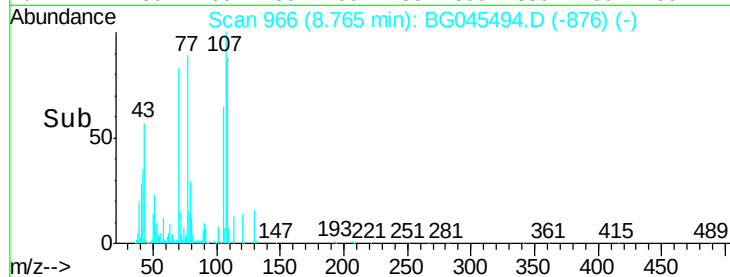
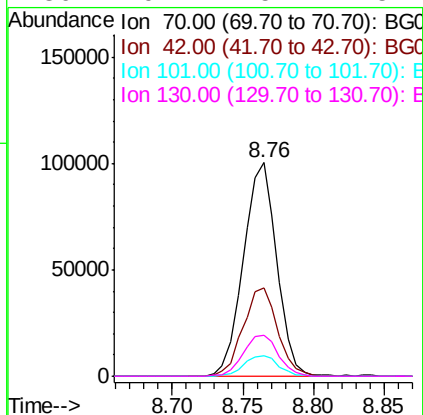
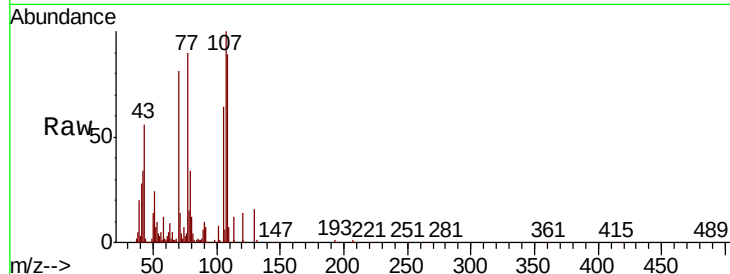
#19
n-Nitroso-di-n-propylamine
Concen: 52.766 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	41.5	33.2	49.8		
101	9.8	7.8	11.6		
130	19.4	15.4	23.2		

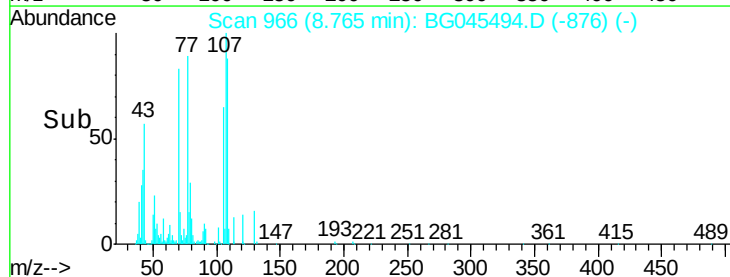
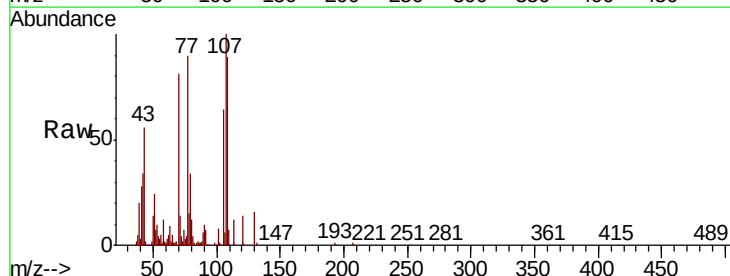
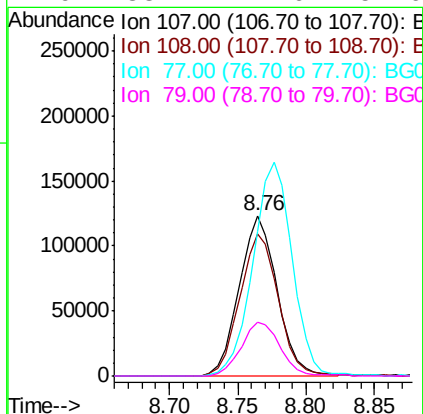
Manual Integrations
APPROVED

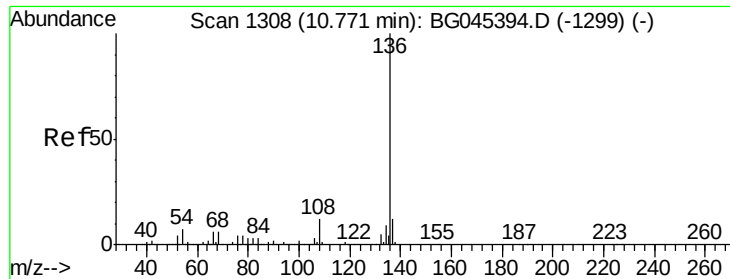
mohammad
5/29/2020 10:26:56 PM



#20
3+4-Methylphenols
Concen: 49.629 ng m
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.8	70.3	110.3		
77	90.3	15.4	55.4		
79	33.7	12.6	52.6		





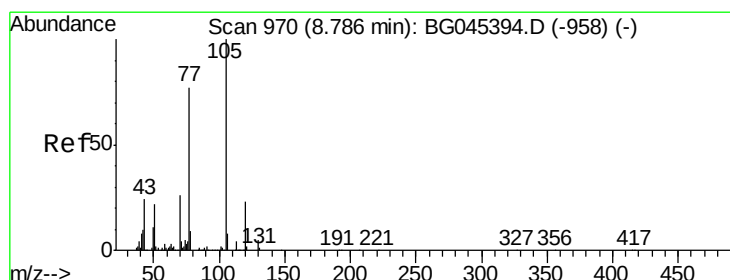
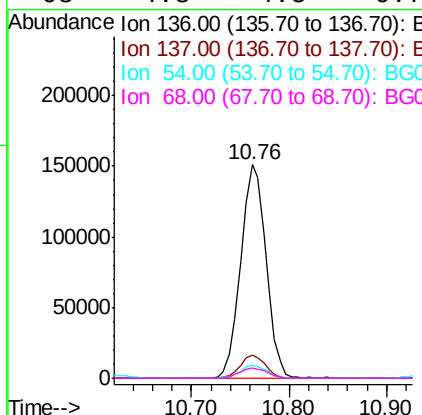
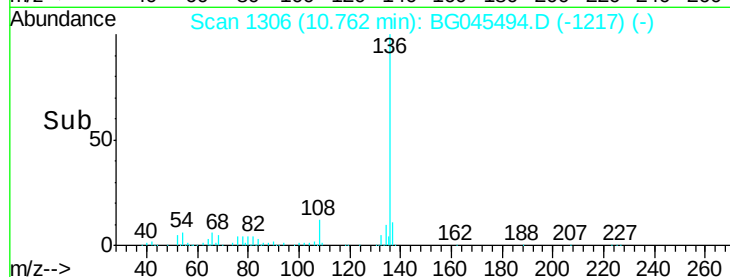
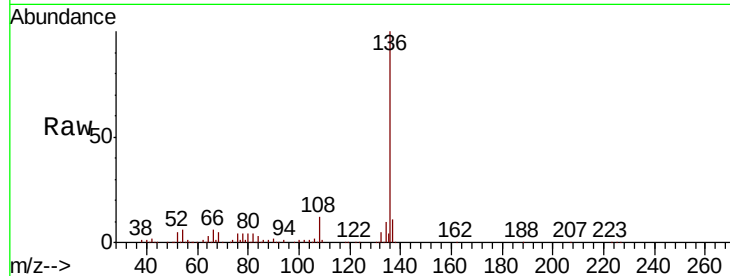
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	273718		
137	10.9		9.4	14.2
54	6.0		5.8	8.6
68	4.8		4.5	6.7

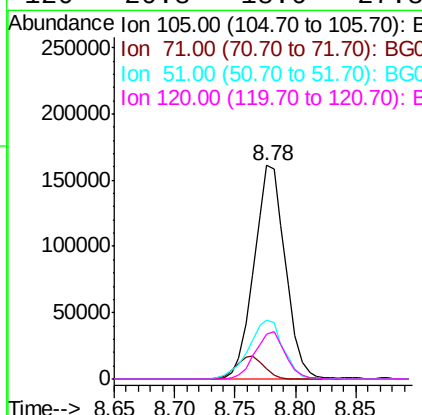
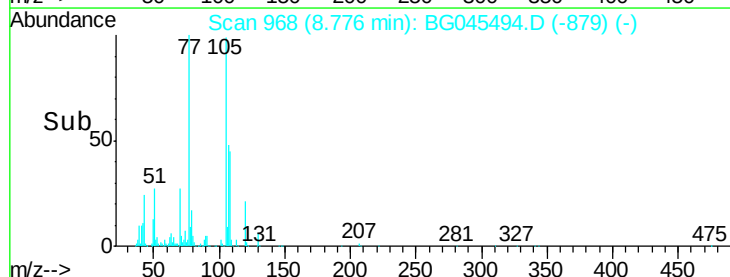
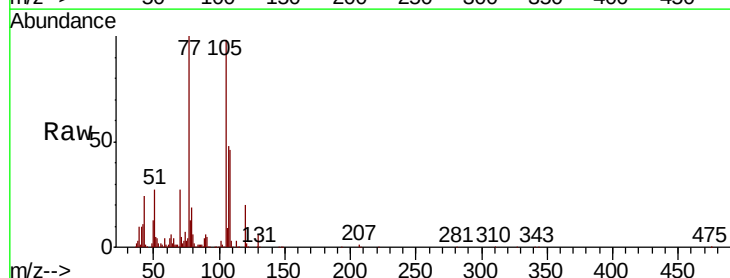
Manual Integrations
APPROVED

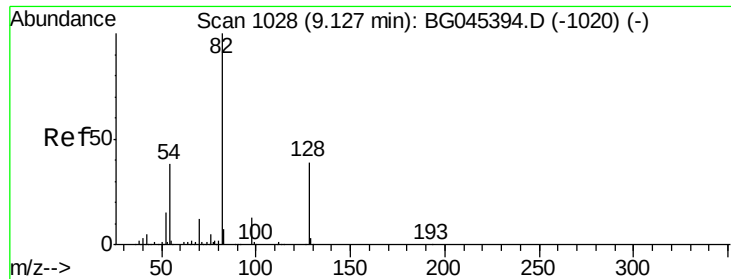
mohammad
5/29/2020 10:26:56 PM



#22
Acetophenone
Concen: 44.901 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	291290		
71	4.7		3.4	5.0
51	27.5		18.2	27.2
120	20.8		18.6	27.8





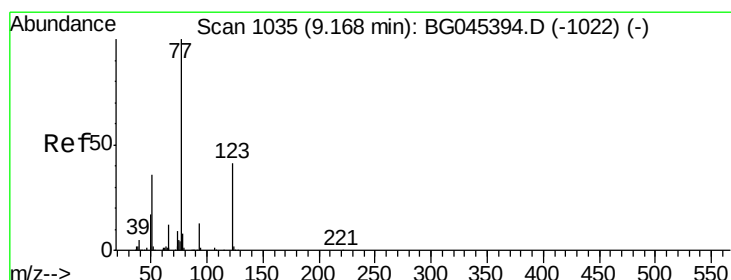
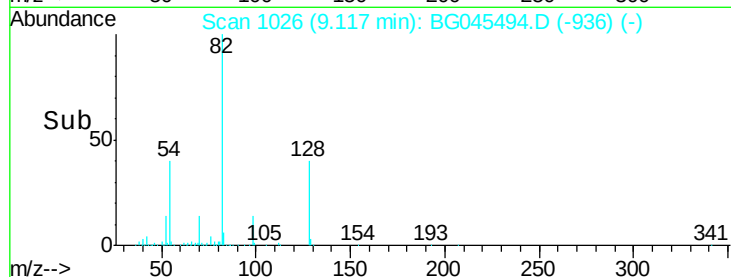
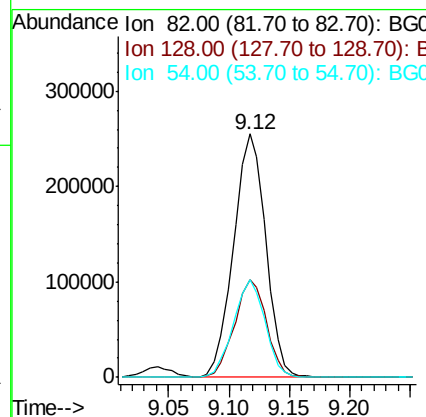
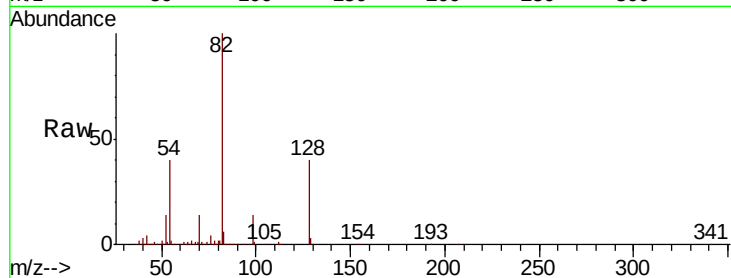
#23
Nitrobenzene-d5
Concen: 93.855 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.9	46.3
54	40.2	30.3	45.5

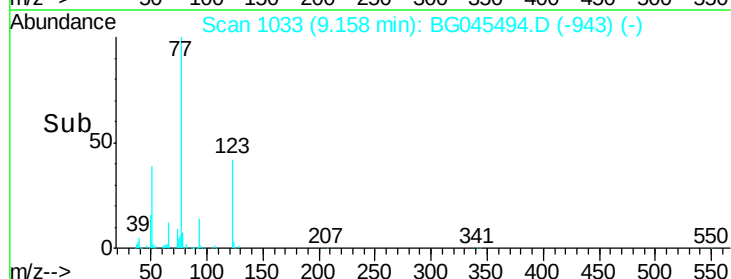
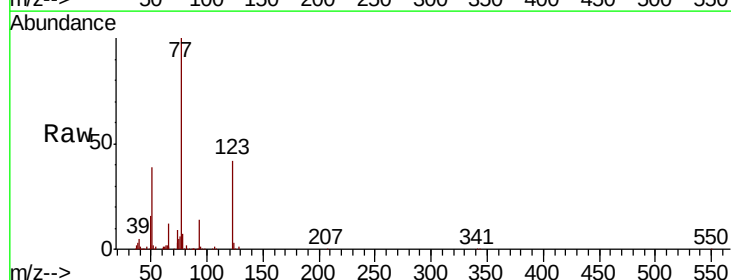
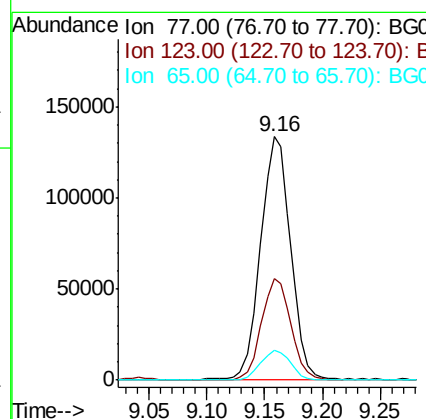
Manual Integrations
APPROVED

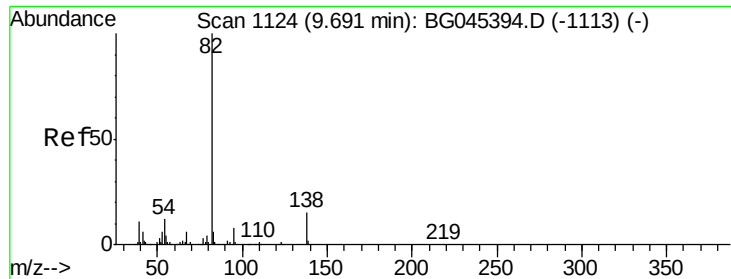
mohammad
5/29/2020 10:26:56 PM



#24
Nitrobenzene
Concen: 45.010 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	32.9	49.3
65	12.1	9.4	14.2





#25

Isophorone

Concen: 47.055 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

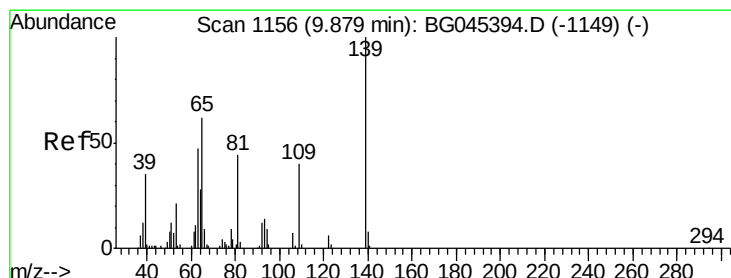
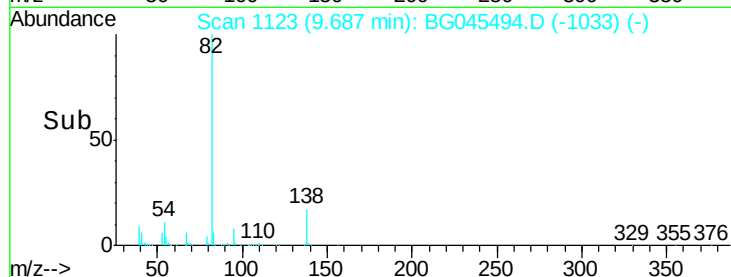
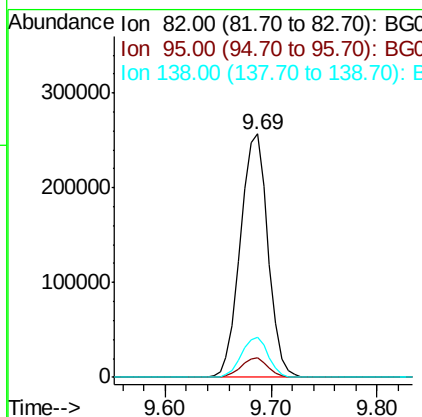
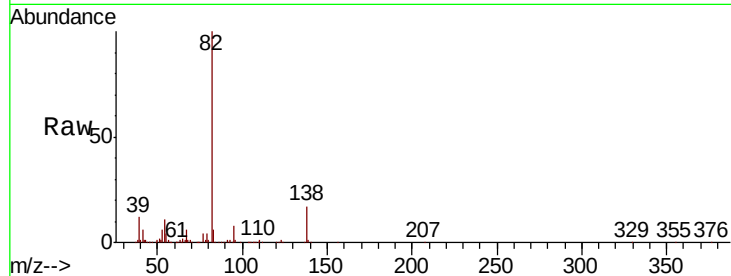
ClientSampleId :

PB129122BS

Tot Ion:	82	Resp:	465144
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.7	10.1
138	16.5	12.2	18.4

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



#26

2-Nitrophenol

Concen: 48.411 ng

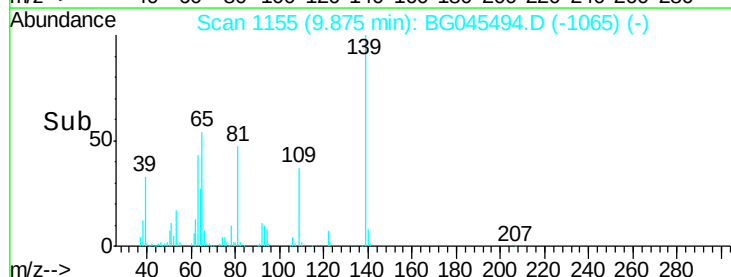
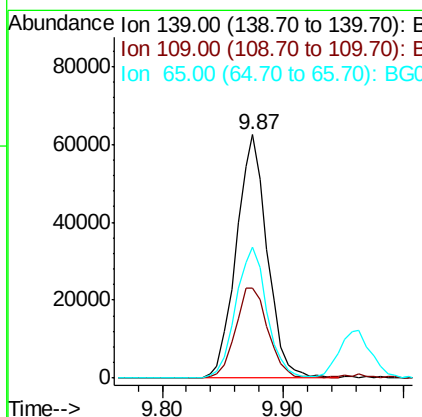
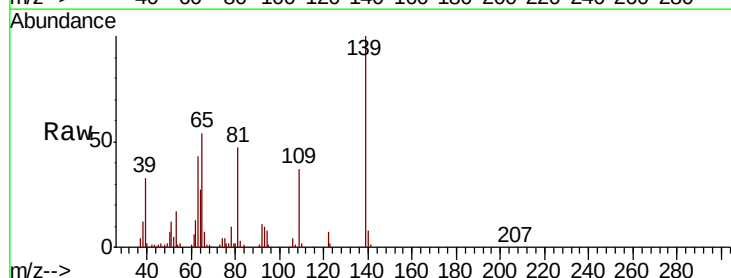
RT: 9.87 min Scan# 1155

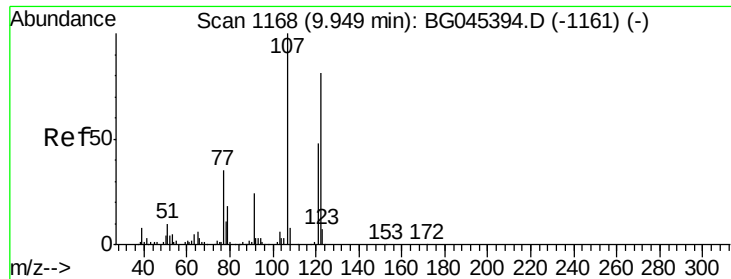
Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:	139	Resp:	111370
Ion Ratio	Lower	Upper	
139	100		
109	36.9	32.2	48.4
65	54.0	49.6	74.4





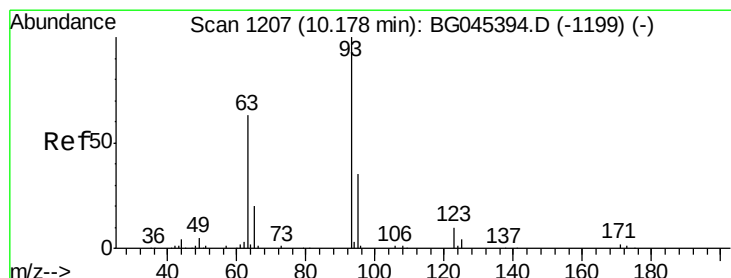
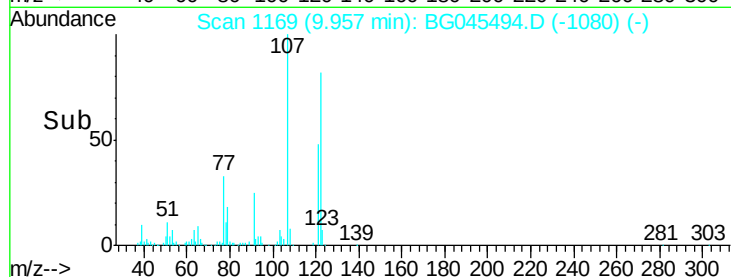
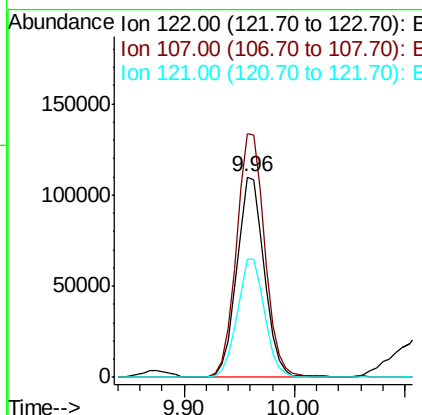
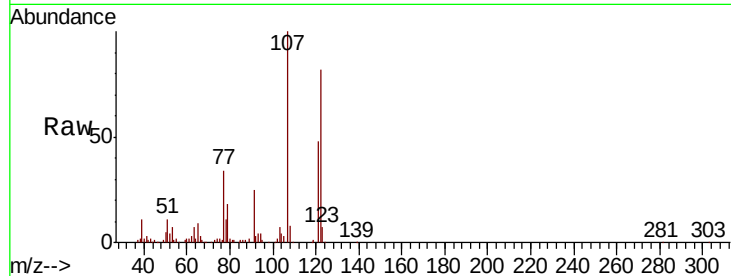
#27
 2,4-Dimethylphenol
 Concen: 56.417 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	192497		
107	121.6	99.0	148.4	
121	58.8	47.7	71.5	

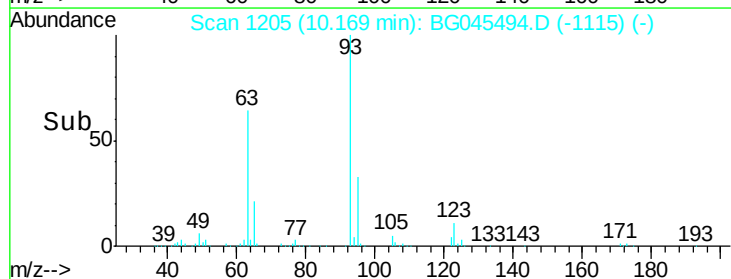
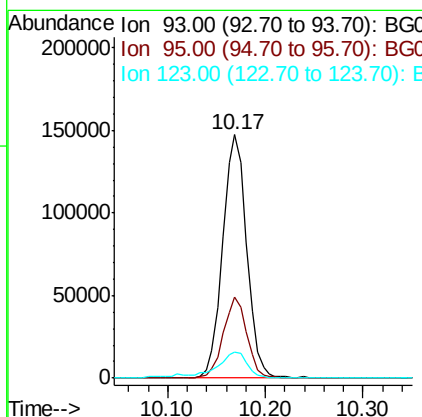
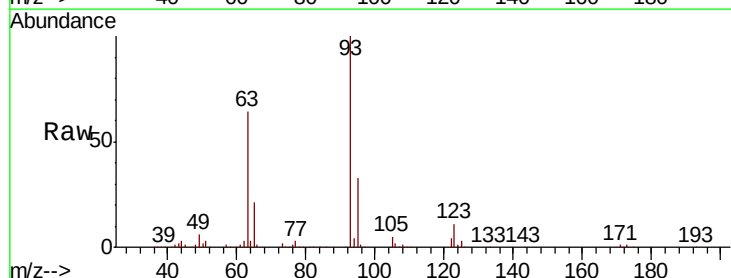
Manual Integrations
 APPROVED

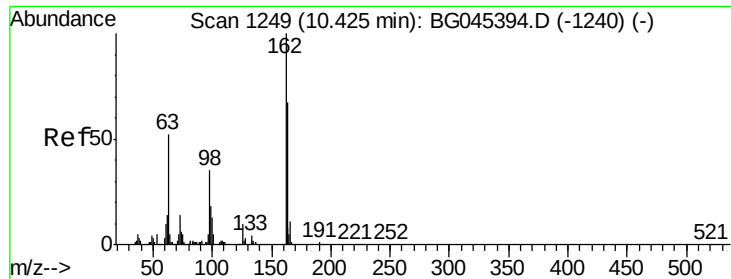
mohammad
 5/29/2020 10:26:56 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.644 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	252177		
95	33.1	27.6	41.4	
123	10.5	8.1	12.1	





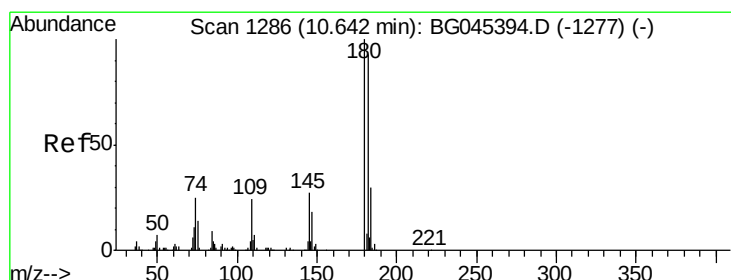
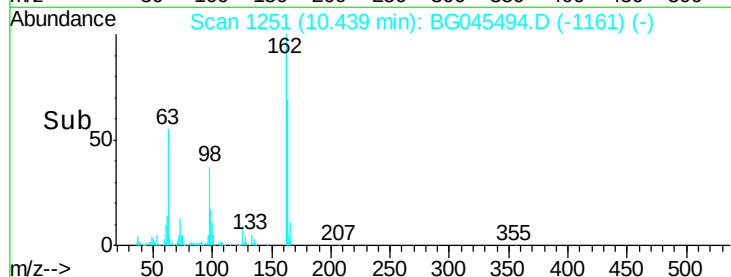
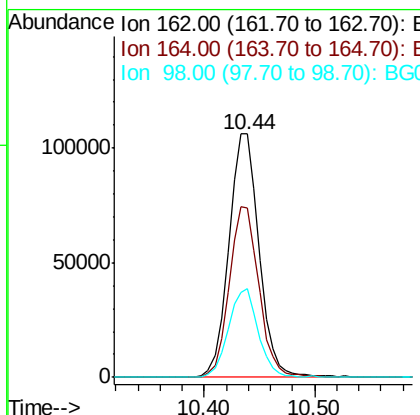
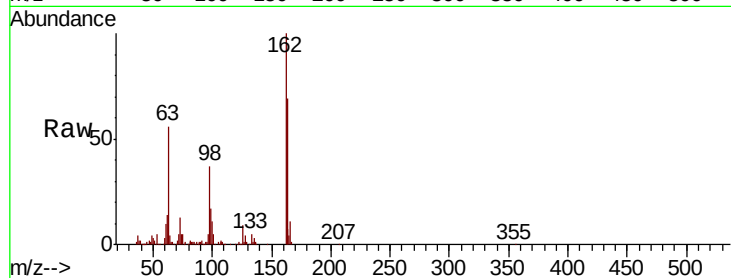
#29
 2,4-Dichlorophenol
 Concen: 50.595 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		203860		
164	69.5	46.8	86.8		
98	36.6	15.2	55.2		

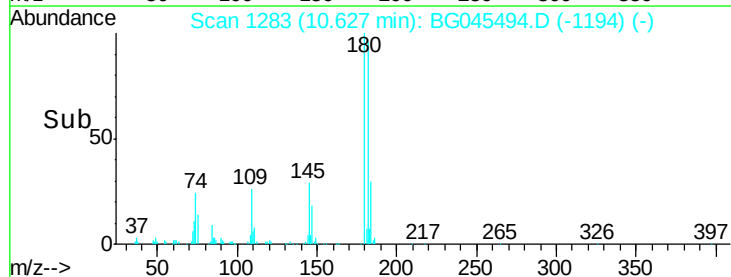
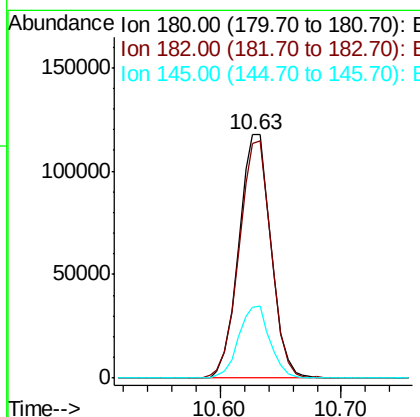
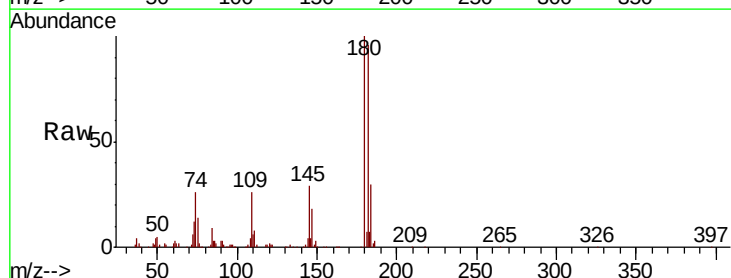
Manual Integrations
 APPROVED

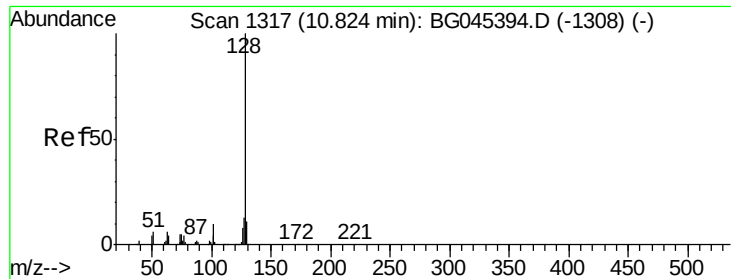
mohammad
 5/29/2020 10:26:56 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.717 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		217665		
182	96.2	74.8	112.2		
145	29.3	21.9	32.9		





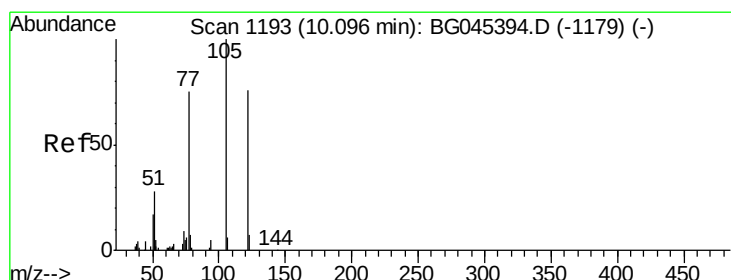
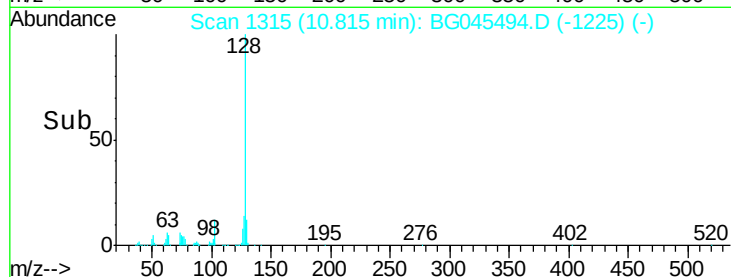
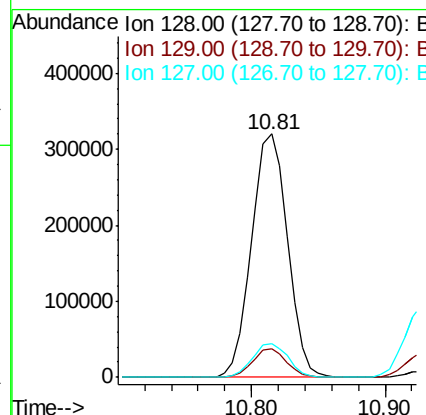
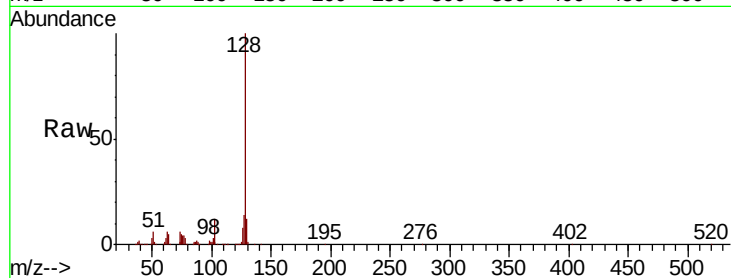
#31
Naphthalene
Concen: 46.606 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.0	10.7	16.1

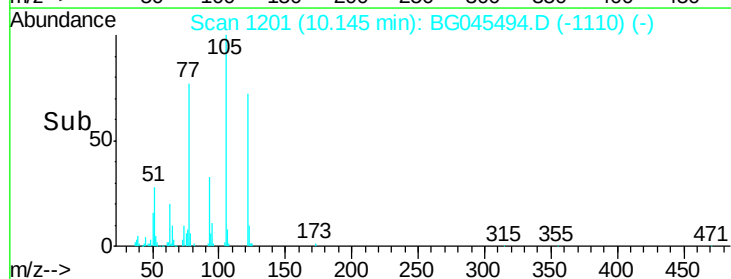
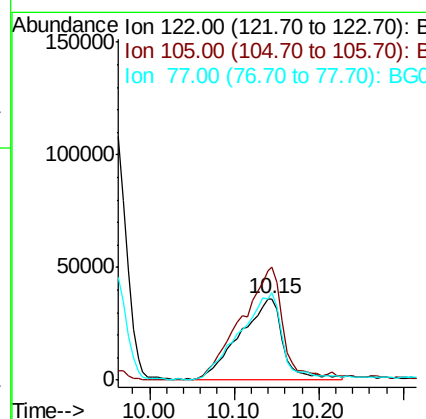
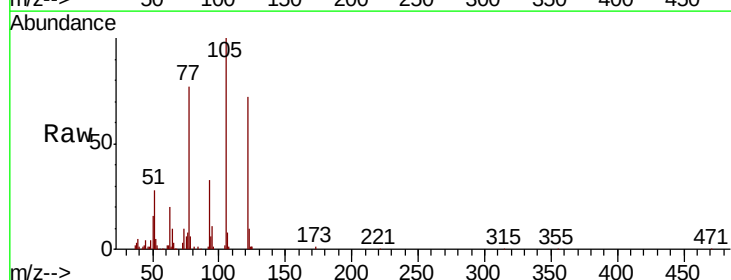
Manual Integrations
APPROVED

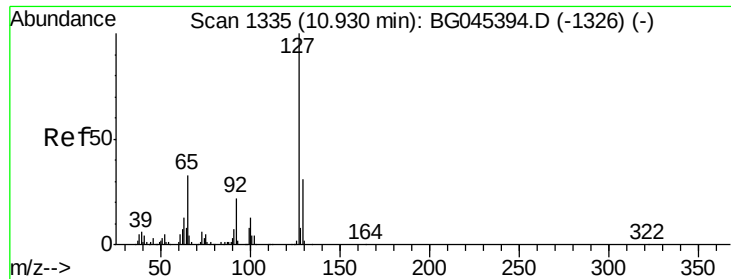
mohammad
5/29/2020 10:26:56 PM



#32
Benzoic acid
Concen: 53.202 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.3	107.9	147.9
77	107.2	78.9	118.9





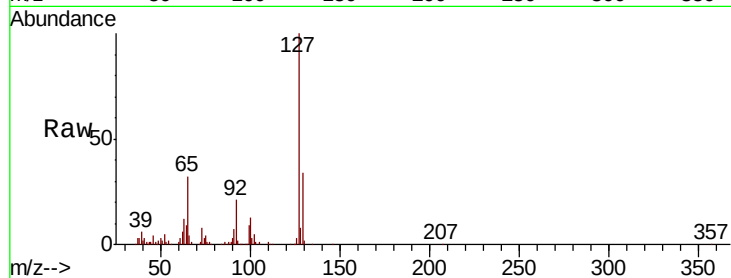
#33
4-Chloroaniline
Concen: 36.915 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	196820		
129	33.5	24.7	37.1	
65	32.2	26.2	39.2	
92	21.2	17.9	26.9	

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



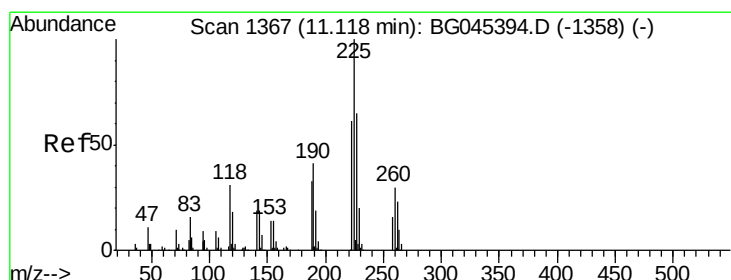
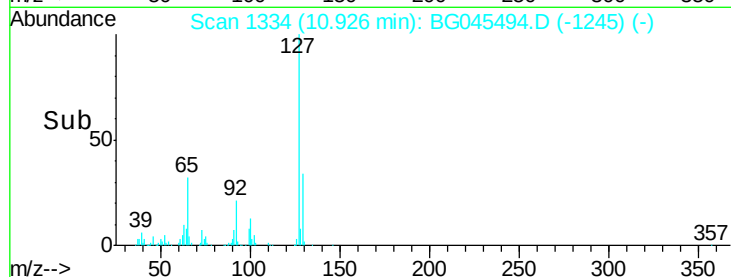
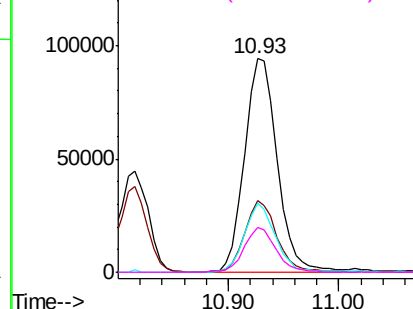
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

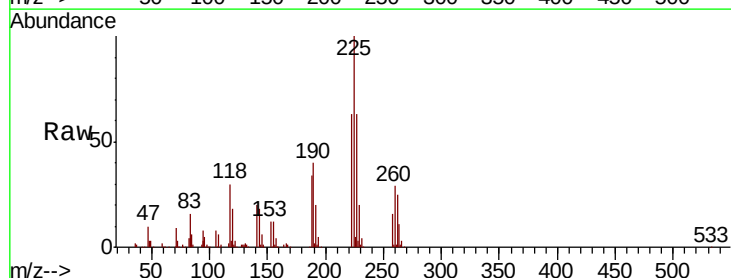
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 45.102 ng
RT: 11.11 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	151789		
223	63.2	49.1	73.7	
227	63.1	52.0	78.0	

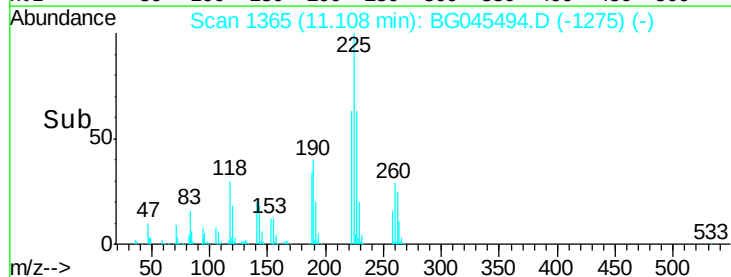
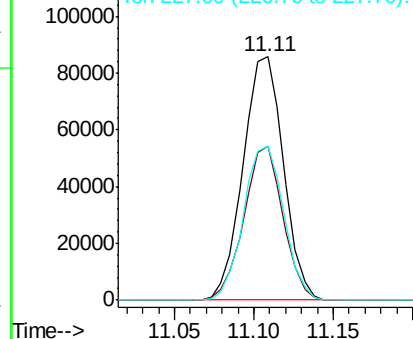


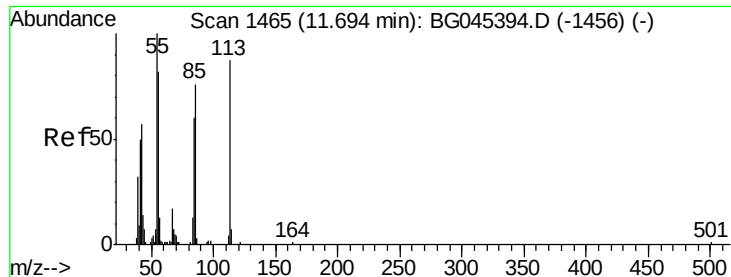
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 51.407 ng/mL

RT: 11.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleID :

PB129122BS

Tot Ion: 113 Resp: 76028

Ion Ratio Lower Upper

113 100

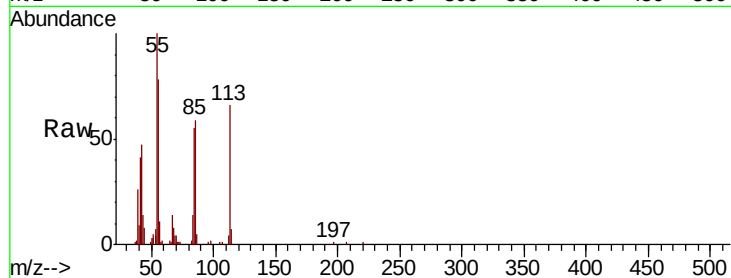
55 150.6 96.0 136.0#

56 118.0 75.1 115.1#

Manual Integrations
APPROVED

mohammad

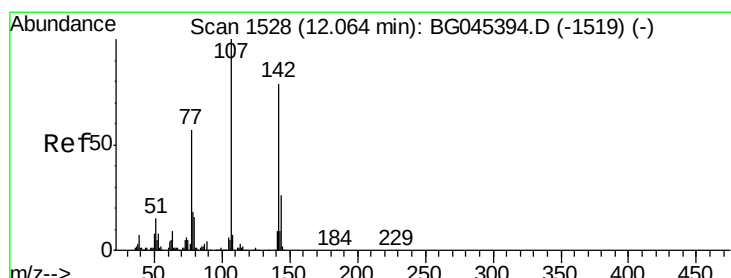
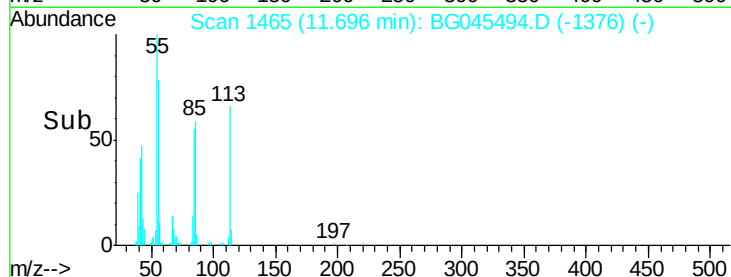
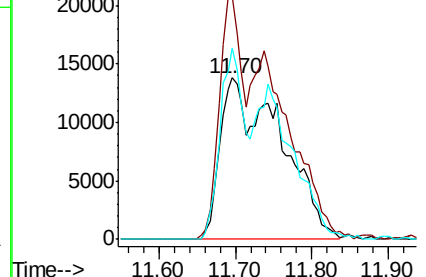
5/29/2020 10:26:56 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG045394.D (-1456) (-)

Ion 56.00 (55.70 to 56.70): BG045394.D (-1456) (-)



#36

4-Chloro-3-methylphenol

Concen: 54.353 ng/mL

RT: 12.09 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

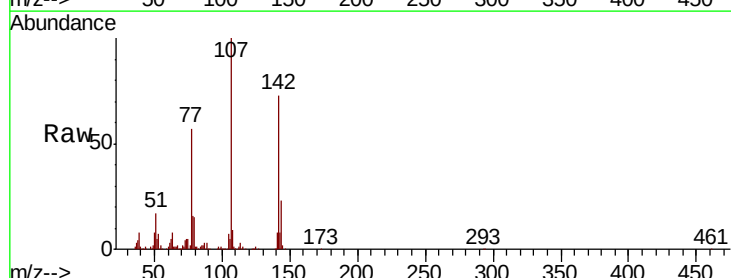
Tgt Ion: 107 Resp: 246776

Ion Ratio Lower Upper

107 100

144 23.2 20.8 31.2

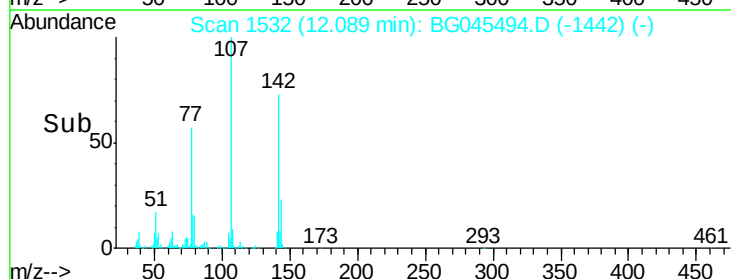
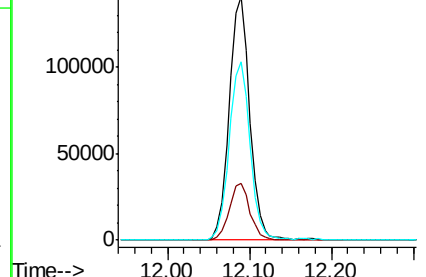
142 73.0 62.8 94.2

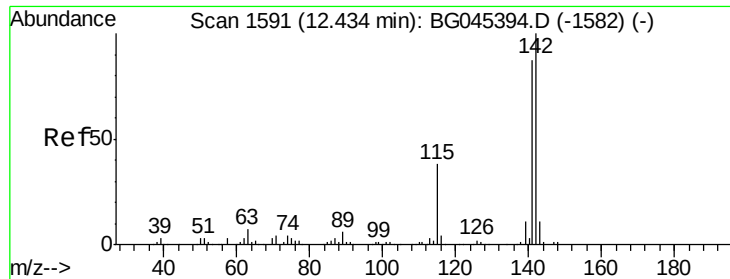


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





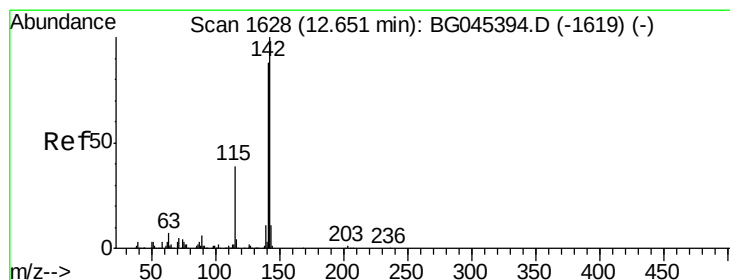
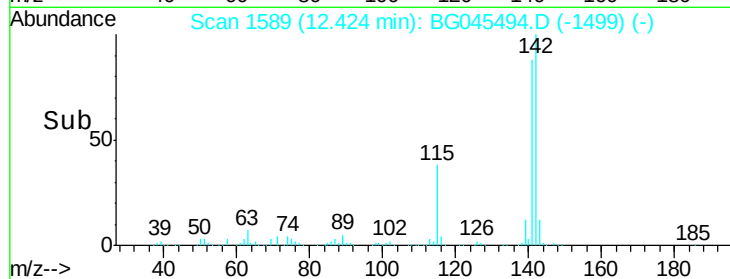
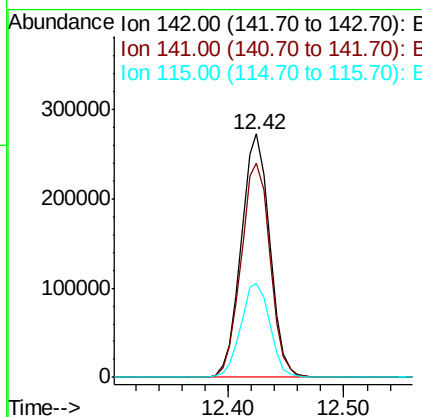
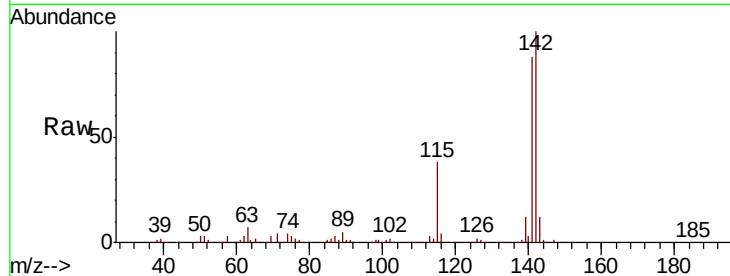
#37
2-Methylnaphthalene
Concen: 49.425 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.0	105.0
115	38.3	30.8	46.2

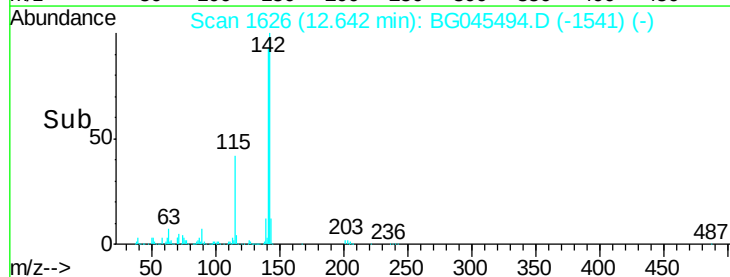
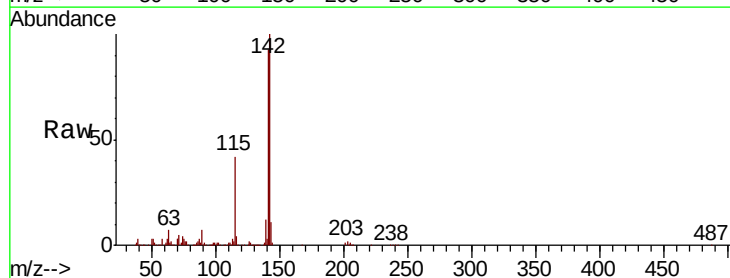
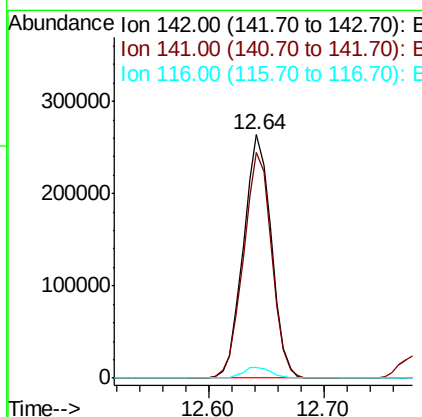
Manual Integrations
APPROVED

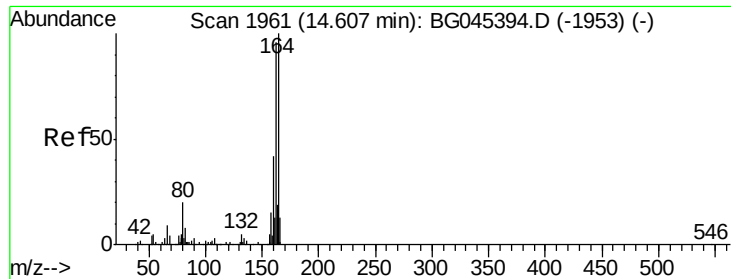
mohammad
5/29/2020 10:26:56 PM



#38
1-Methylnaphthalene
Concen: 49.168 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.8	106.2
116	4.5	3.0	4.6





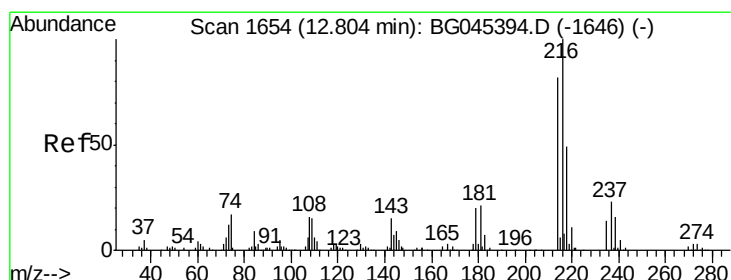
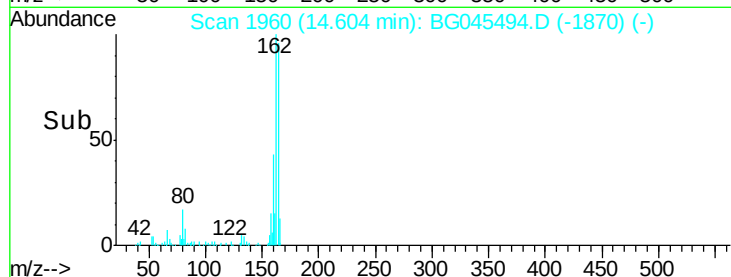
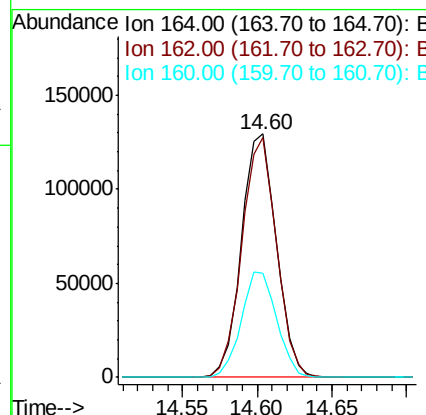
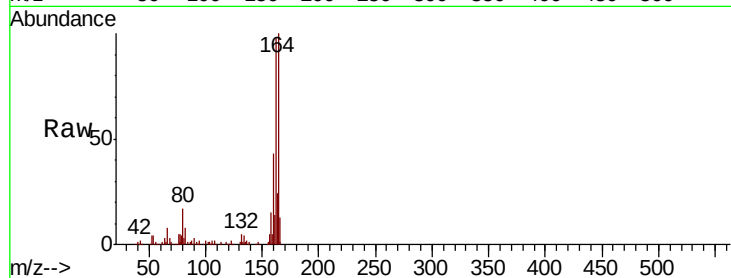
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.4	76.9	115.3
160	42.8	33.8	50.8

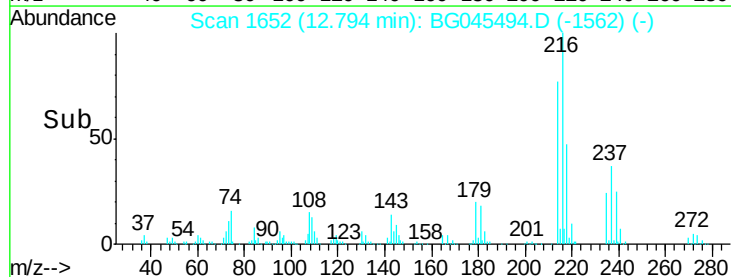
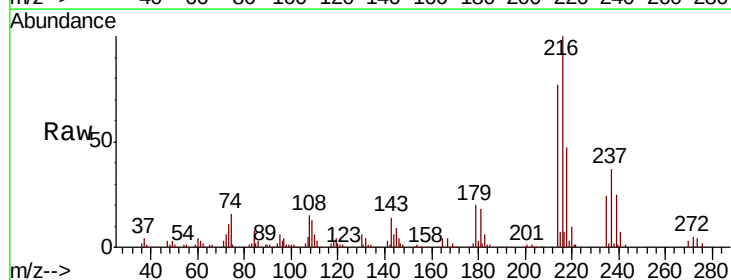
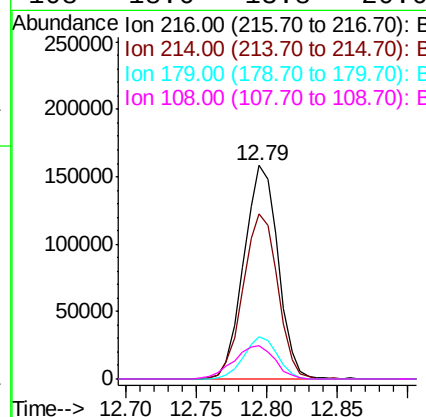
Manual Integrations
APPROVED

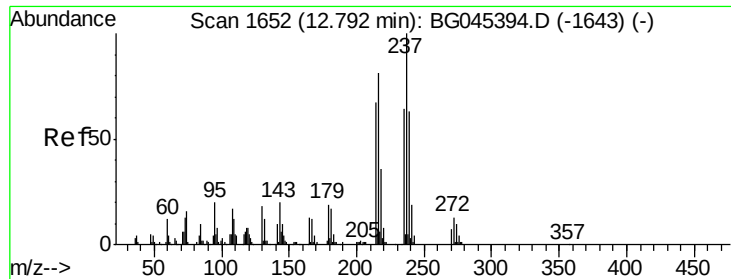
mohammad
5/29/2020 10:26:56 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.064 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.7	95.5
179	19.3	16.1	24.1
108	18.6	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 102.930 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

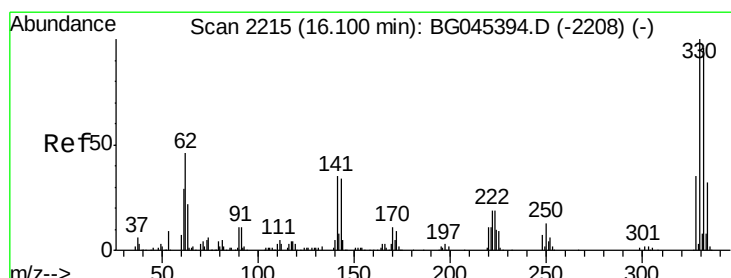
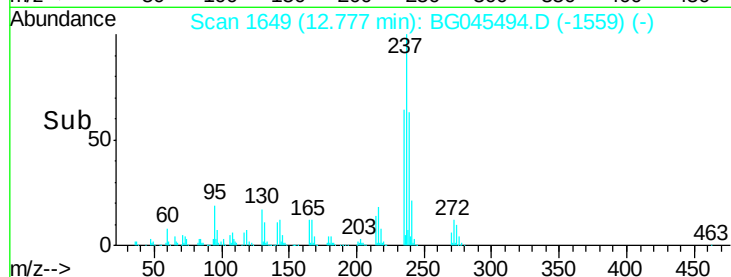
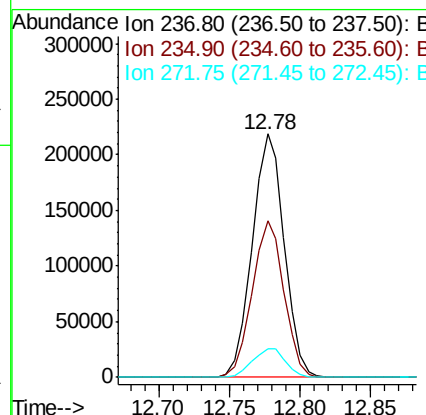
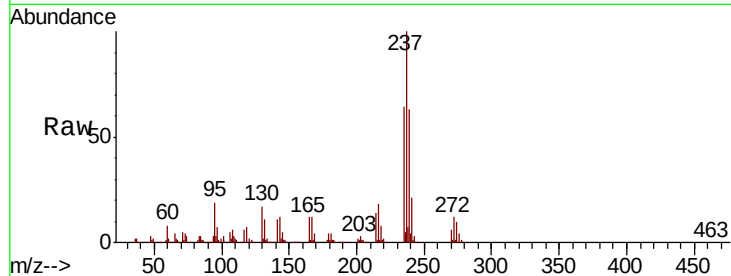
ClientSampleId :

PB129122BS

Tot Ion:	237	Resp:	347598
Ion Ratio		Lower	Upper
237	100		
235	64.4	44.4	84.4
272	11.9	0.0	32.5

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



#42

2,4,6-Tribromophenol

Concen: 145.412 ng

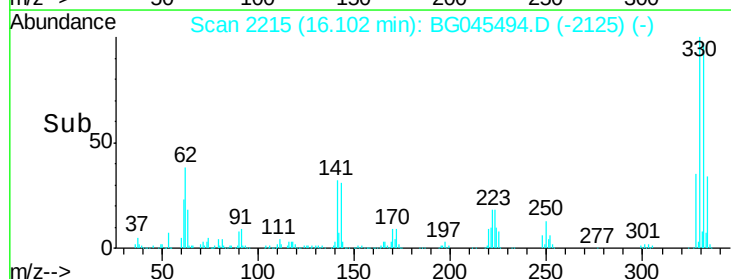
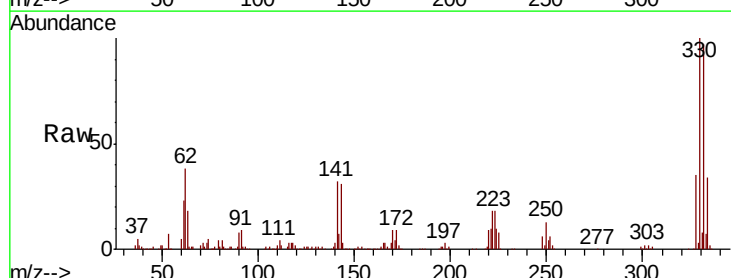
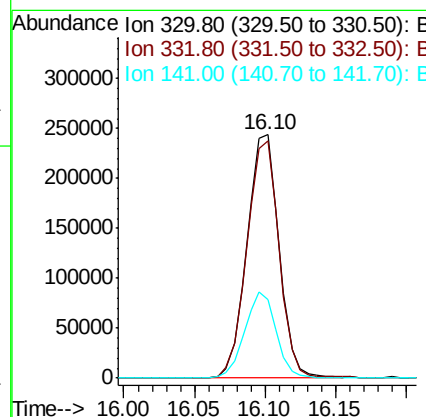
RT: 16.10 min Scan# 2215

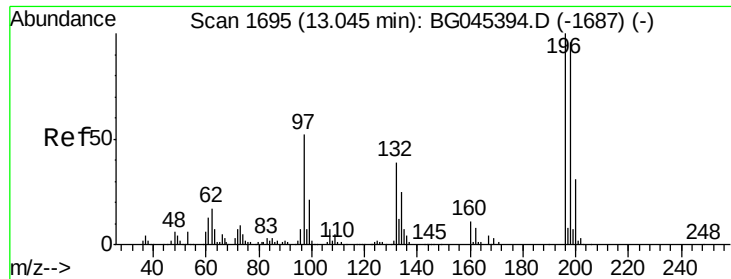
Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:	330	Resp:	389545
Ion Ratio		Lower	Upper
330	100		
332	98.0	78.2	117.4
141	34.7	28.2	42.4





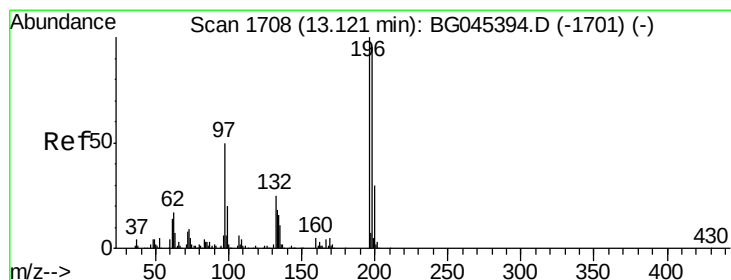
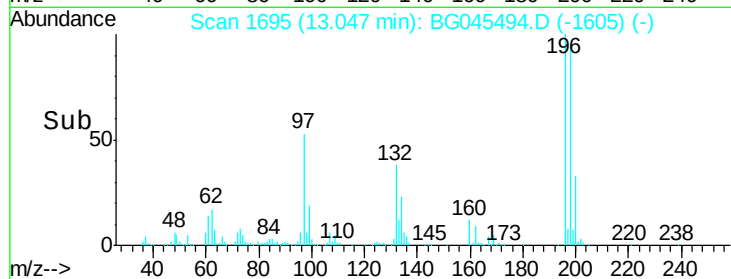
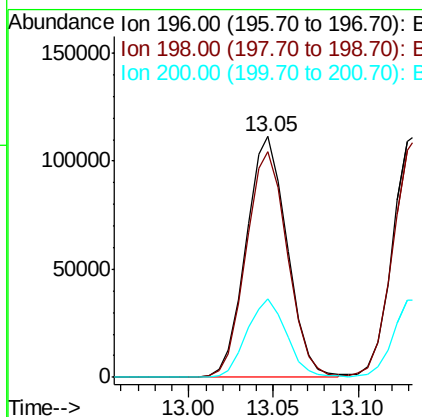
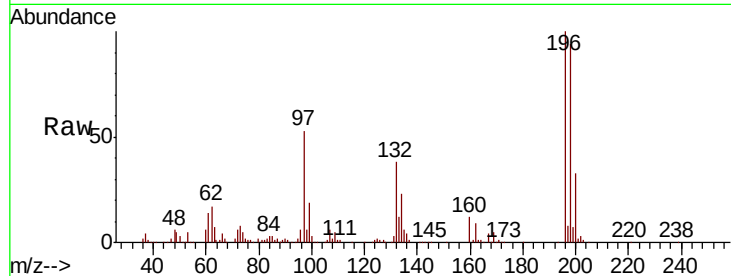
#43
 2,4,6-Trichlorophenol
 Concen: 46.177 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	187679		
198	93.8	76.7	115.1	
200	32.6	24.9	37.3	

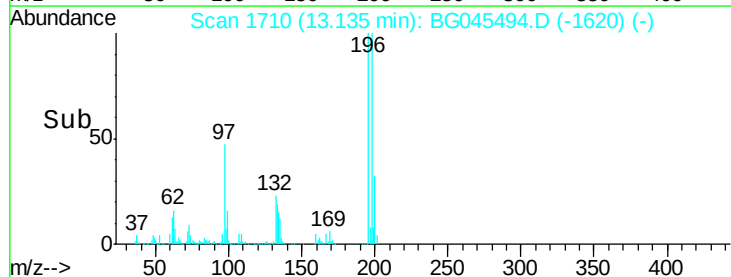
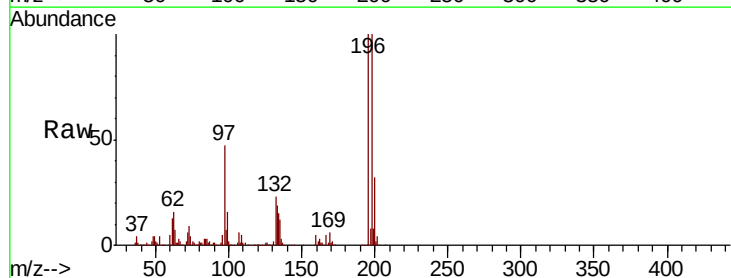
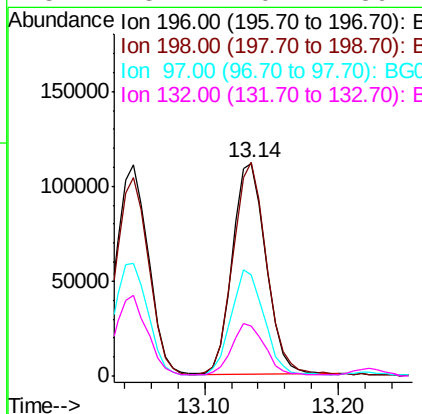
Manual Integrations
 APPROVED

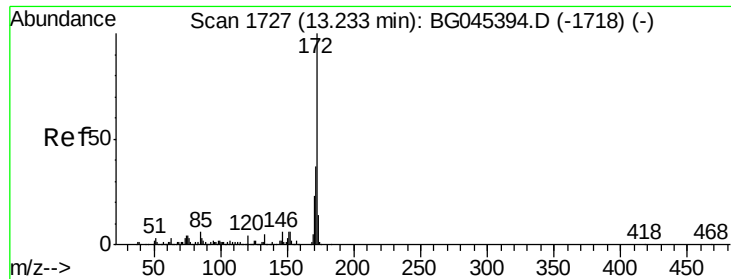
mohammad
 5/29/2020 10:26:56 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.136 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195702		
198	100.4	76.1	114.1	
97	47.6	40.0	60.0	
132	23.4	20.2	30.2	





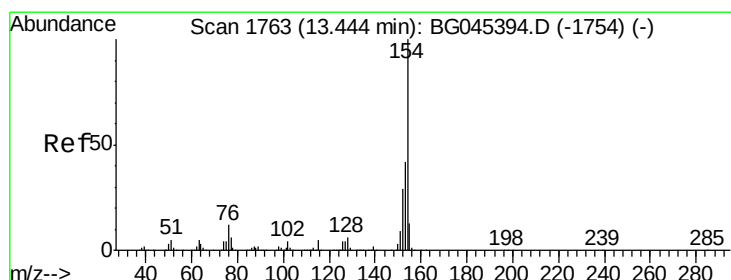
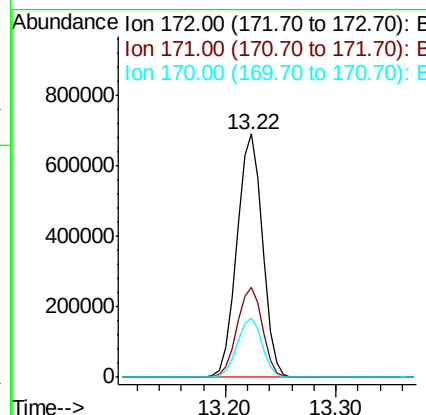
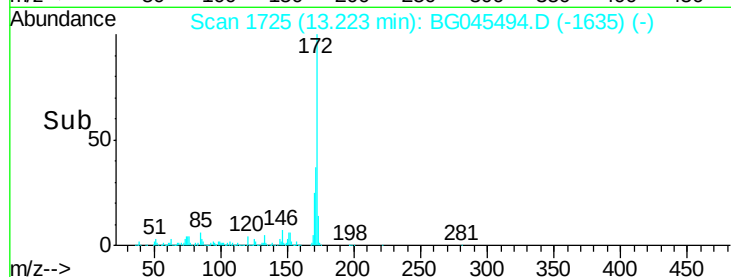
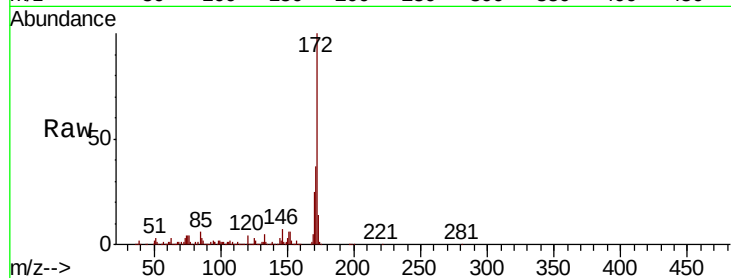
#45
2-Fluorobiphenyl
Concen: 91.077 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	24.5	18.5	27.7

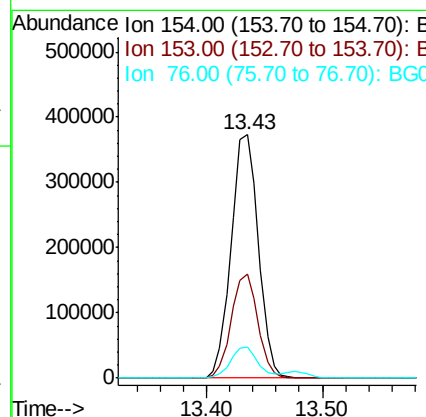
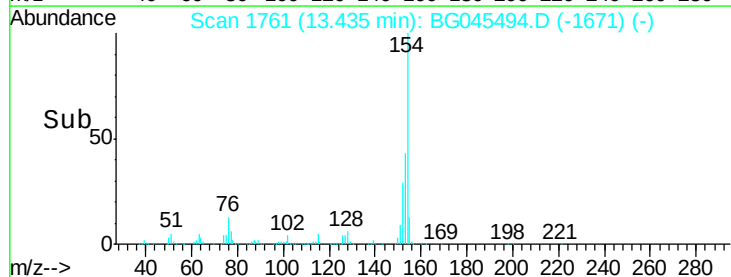
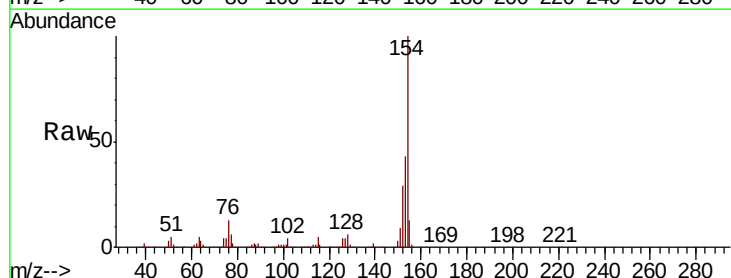
Manual Integrations
APPROVED

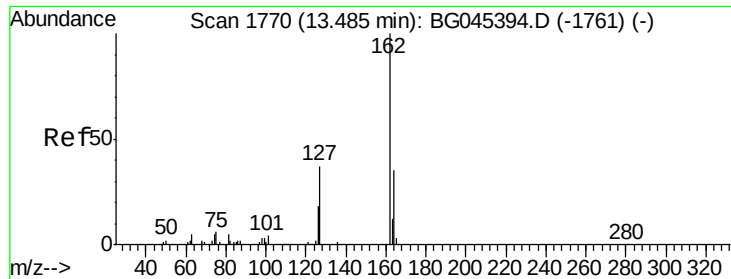
mohammad
5/29/2020 10:26:56 PM



#46
1,1'-Biphenyl
Concen: 47.356 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.2	62.2
76	12.8	0.0	32.4





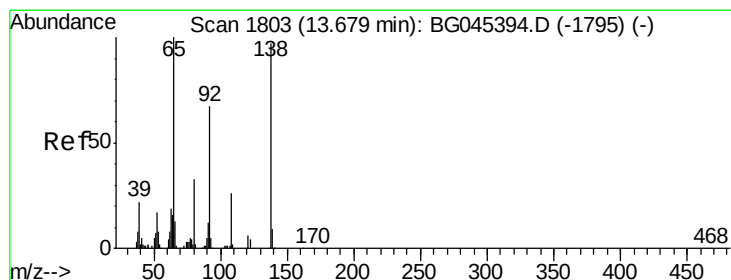
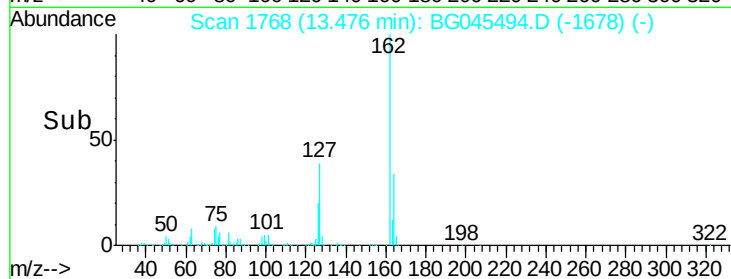
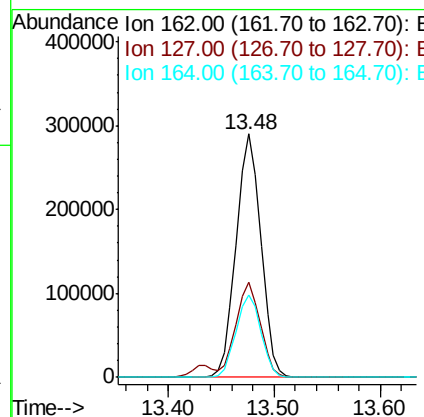
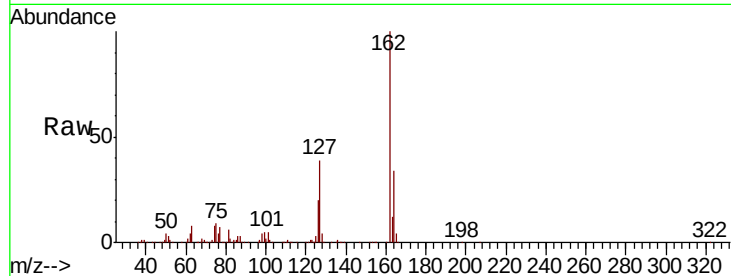
#47
2-Chloronaphthalene
Concen: 44.868 ng
RT: 13.48 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion:162	Resp:	468948
Ion Ratio	Lower	Upper
162 100		
127 39.2	31.6	47.4
164 33.8	28.1	42.1

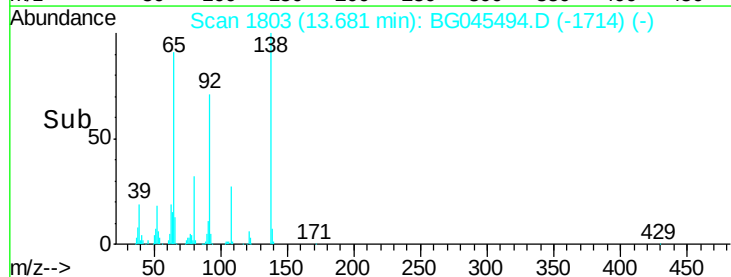
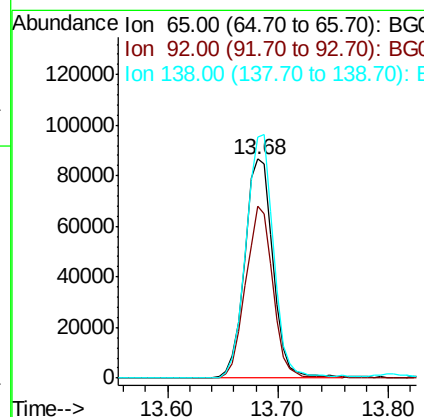
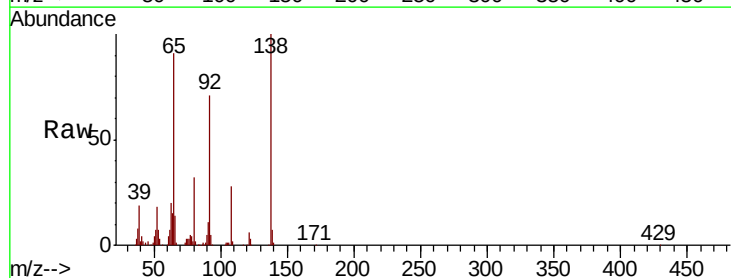
Manual Integrations
APPROVED

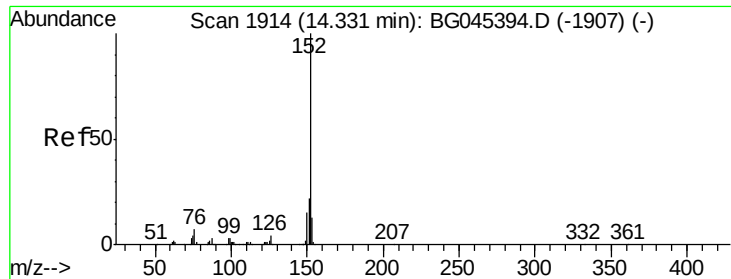
mohammad
5/29/2020 10:26:56 PM



#48
2-Nitroaniline
Concen: 45.484 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion: 65	Resp:	156378
Ion Ratio	Lower	Upper
65 100		
92 78.5	53.8	80.8
138 110.1	77.9	116.9





#49

Acenaphthylene

Concen: 47.158 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

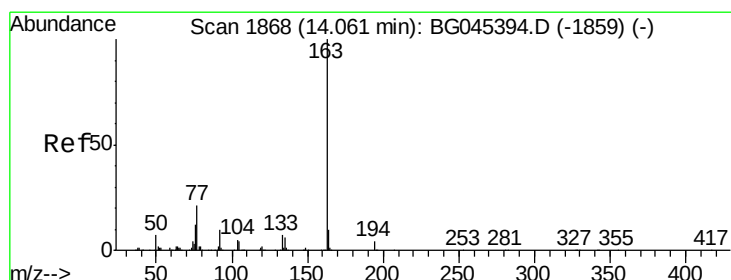
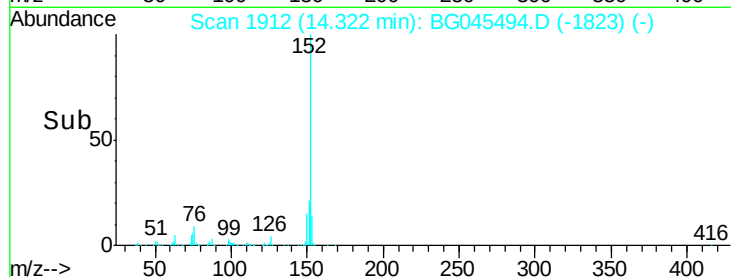
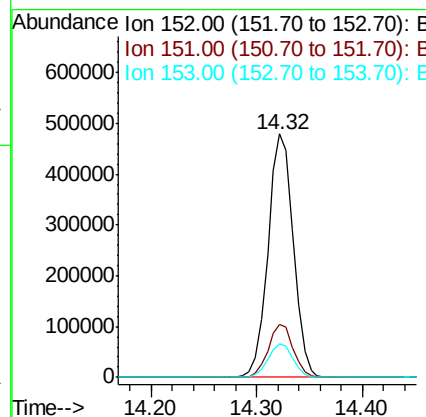
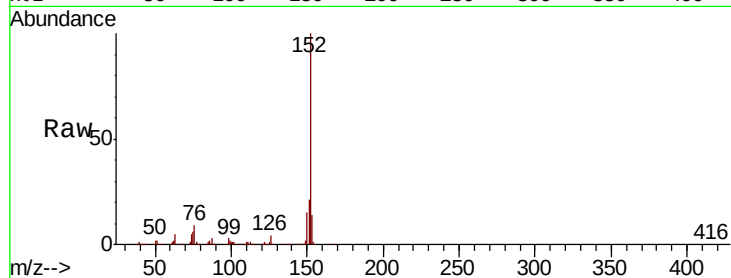
ClientSampleId :

PB129122BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.4	26.2
153	13.9	10.7	16.1

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



#50

Dimethylphthalate

Concen: 46.274 ng

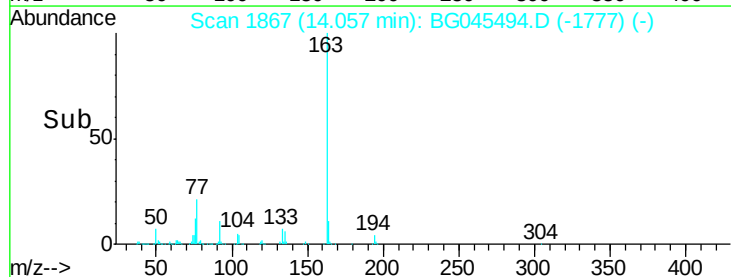
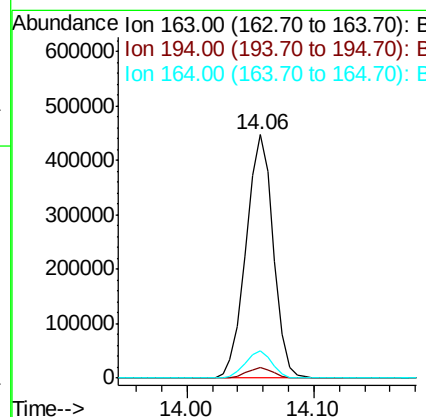
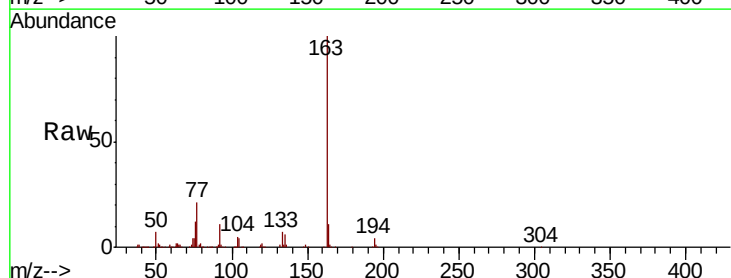
RT: 14.06 min Scan# 1867

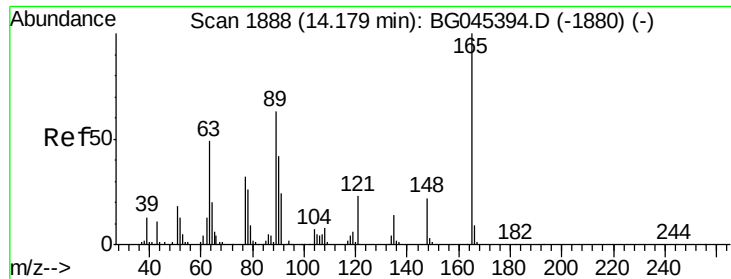
Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	11.1	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 47.470 ng

RT: 14.17 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

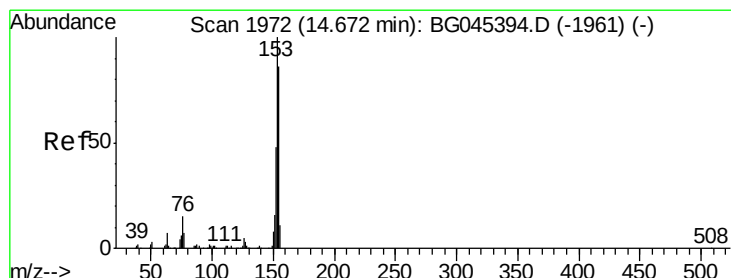
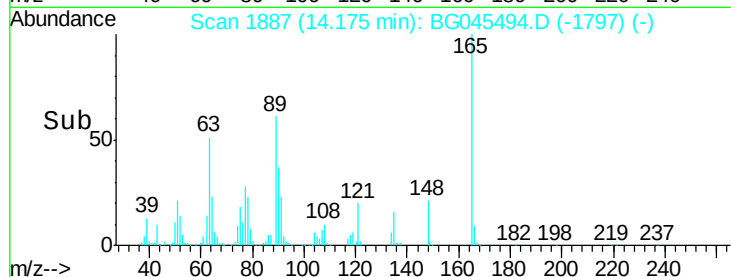
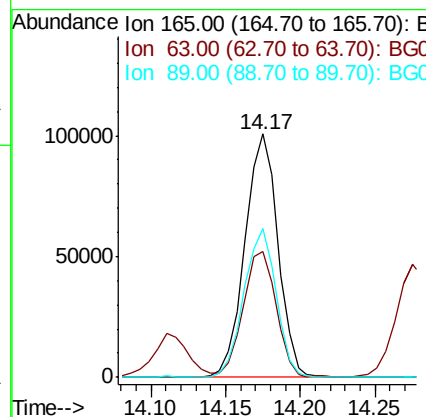
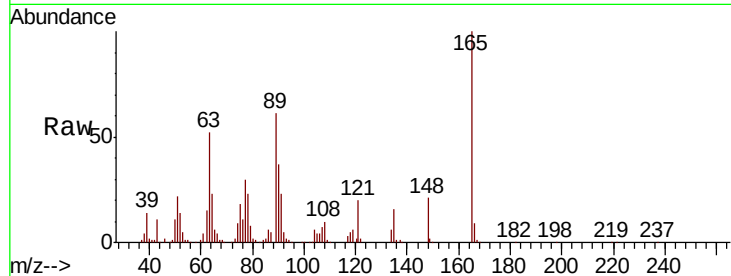
ClientSampleId :

PB129122BS

Tot Ion:	165	Resp:	153922
Ion Ratio	Lower	Upper	
165	100		
63	51.8	45.0	67.4
89	61.0	50.2	75.4

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



#52

Acenaphthene

Concen: 52.064 ng m

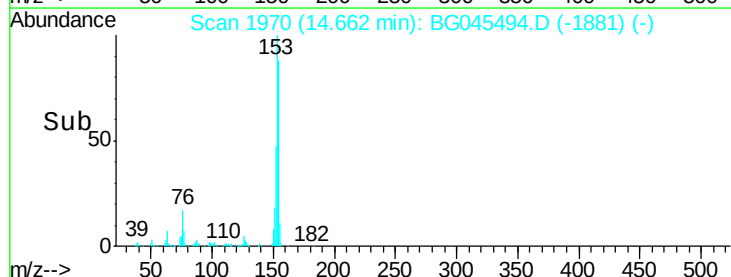
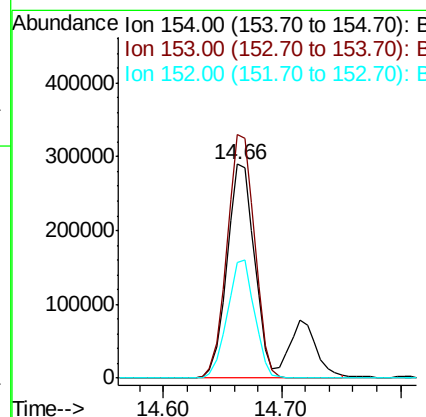
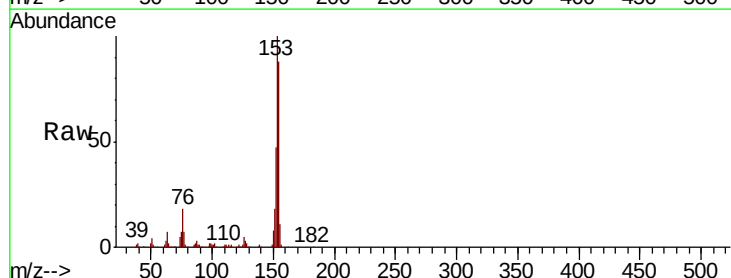
RT: 14.66 min Scan# 1970

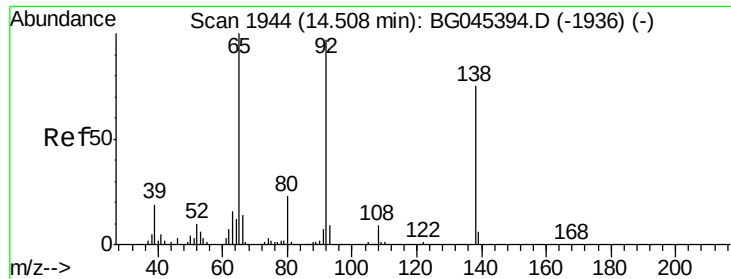
Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:	154	Resp:	585075
Ion Ratio	Lower	Upper	
154	100		
153	113.9	92.8	139.2
152	54.0	44.6	66.8





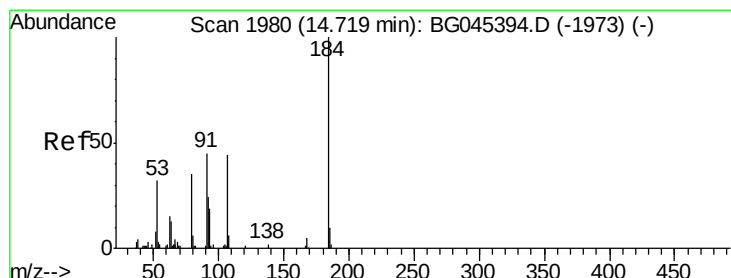
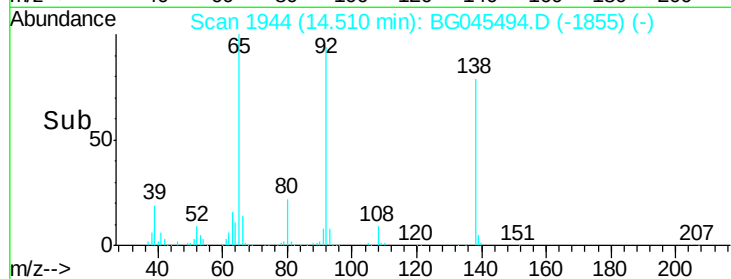
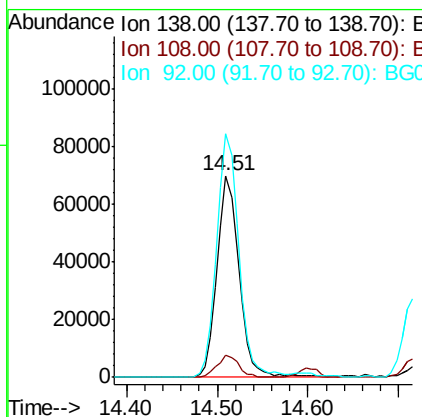
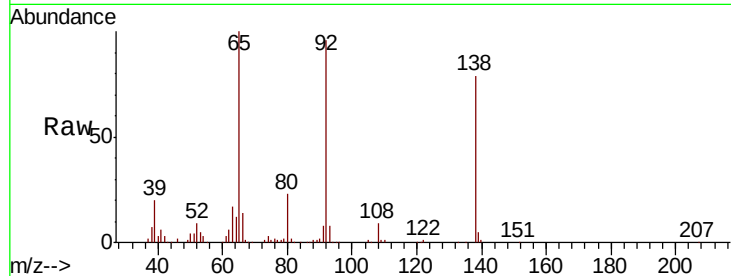
#53
3-Nitroaniline
Concen: 35.852 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.8	14.6
92	120.8	103.0	154.4

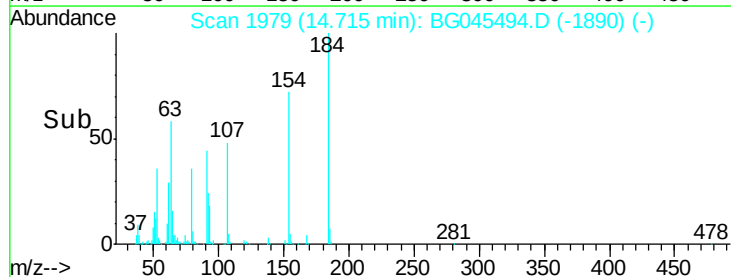
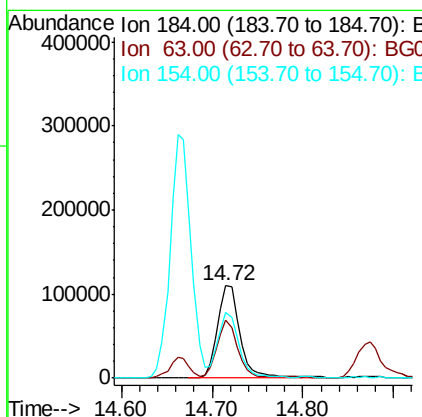
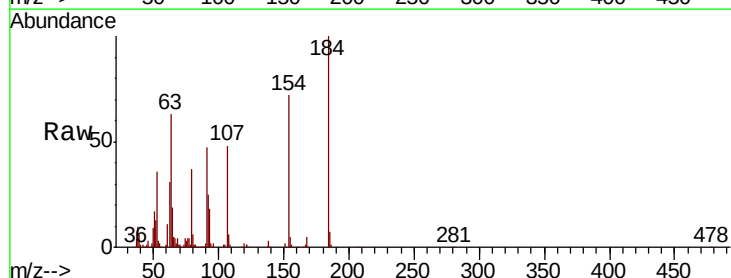
Manual Integrations
APPROVED

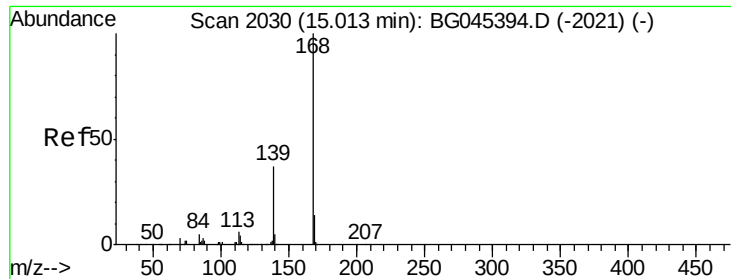
mohammad
5/29/2020 10:26:56 PM



#54
2,4-Dinitrophenol
Concen: 89.067 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.5	47.8	71.6
154	71.9	58.3	87.5





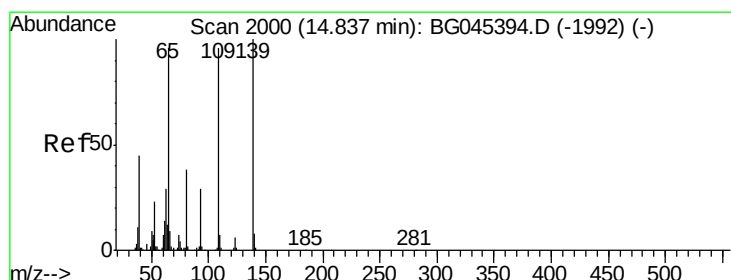
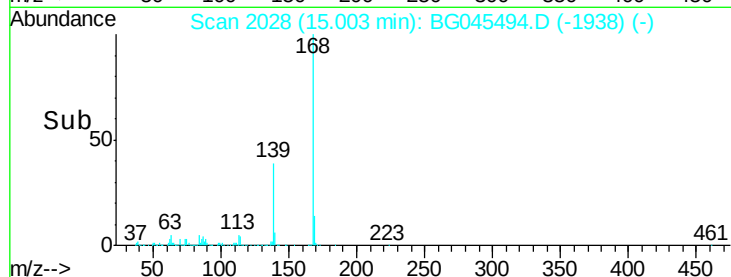
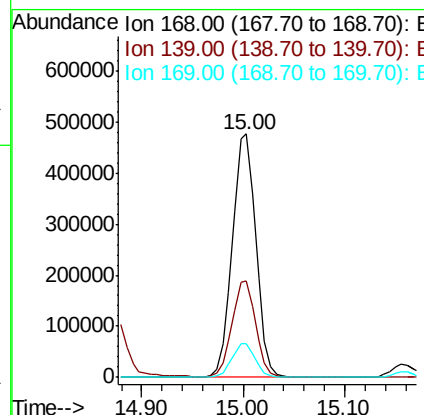
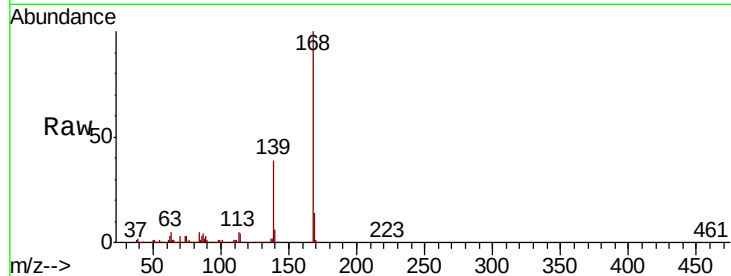
#55
Dibenzofuran
Concen: 46.017 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.4	29.9	44.9	
169	14.0	10.9	16.3	

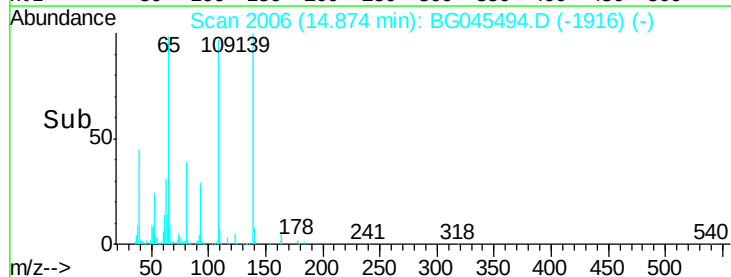
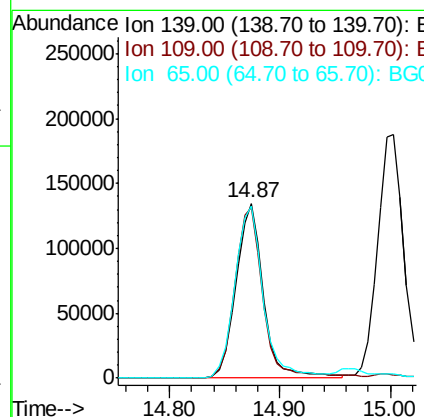
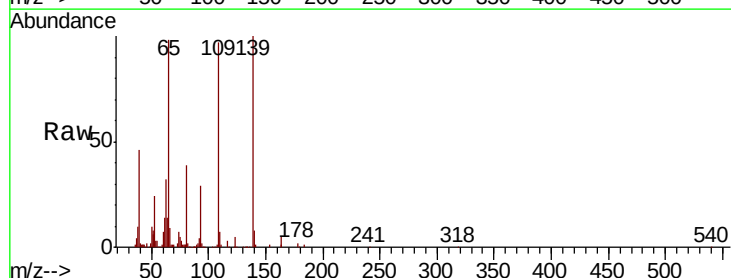
Manual Integrations
APPROVED

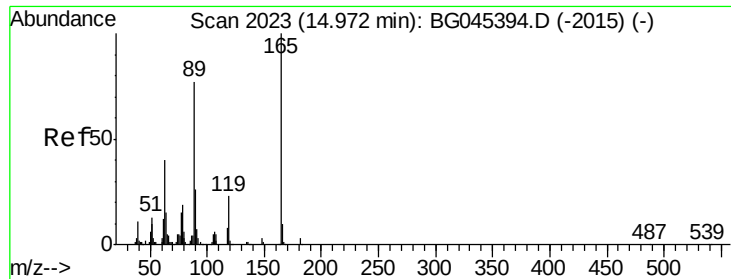
mohammad
5/29/2020 10:26:56 PM



#56
4-Nitrophenol
Concen: 93.482 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	97.3	75.6	115.6	
65	98.2	76.8	116.8	





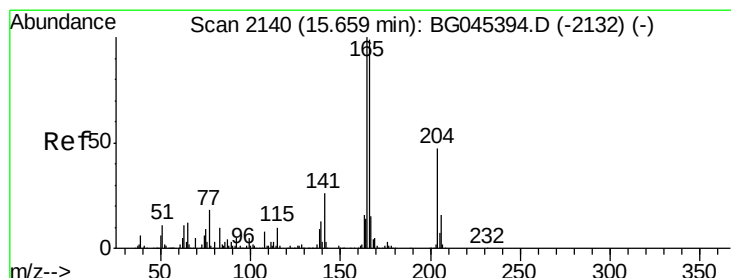
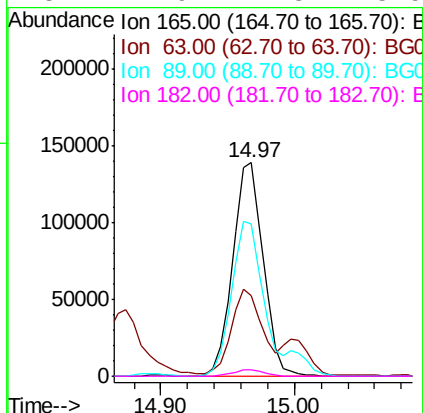
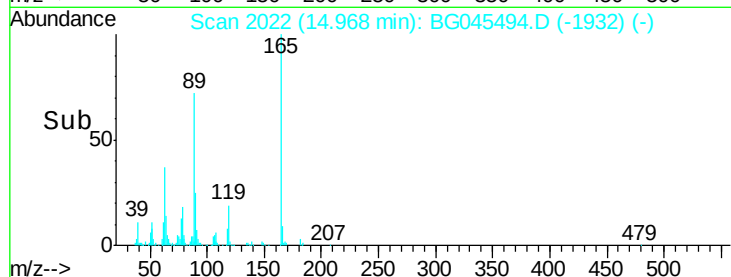
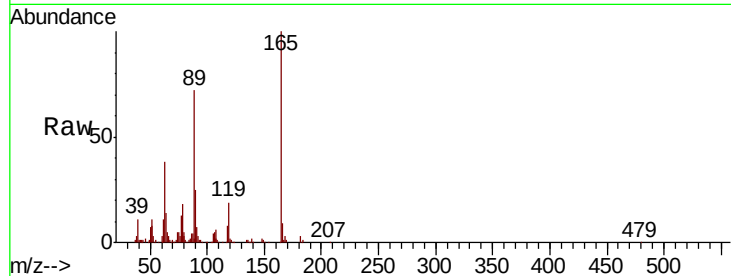
#57
2,4-Dinitrotoluene
Concen: 46.936 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		220414		
63	37.5	32.5	48.7		
89	71.5	61.8	92.6		
182	2.9	2.3	3.5		

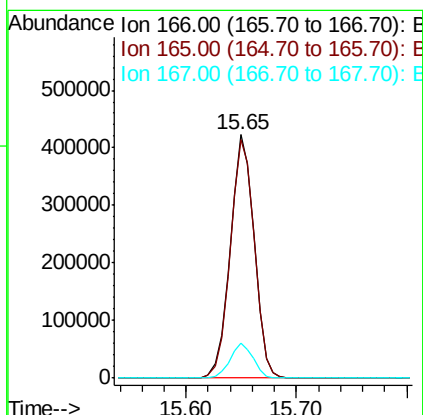
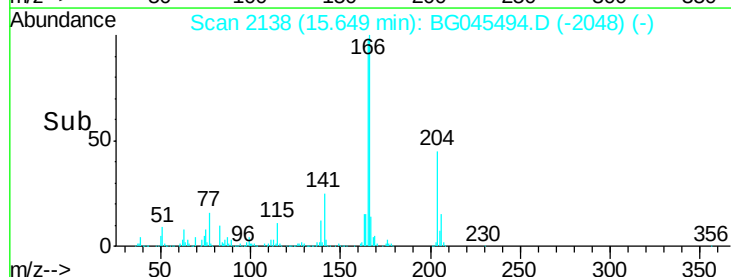
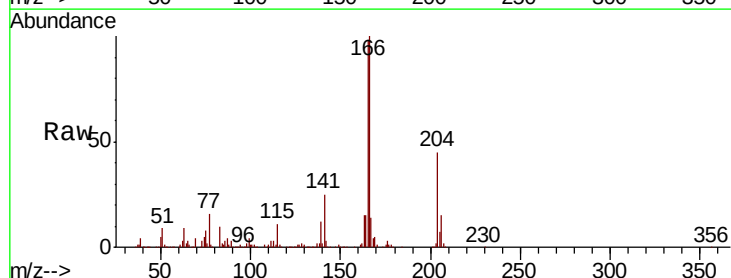
Manual Integrations
APPROVED

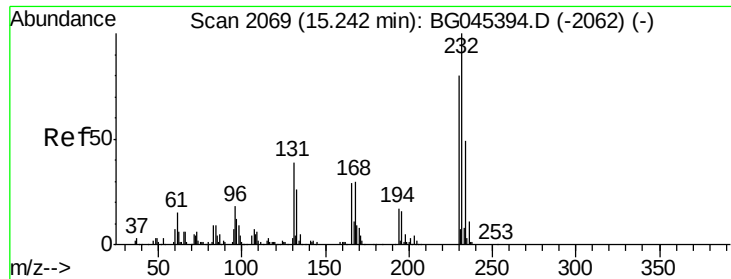
mohammad
5/29/2020 10:26:56 PM



#58
Fluorene
Concen: 46.874 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		642648		
165	98.2	80.8	121.2		
167	14.2	12.0	18.0		





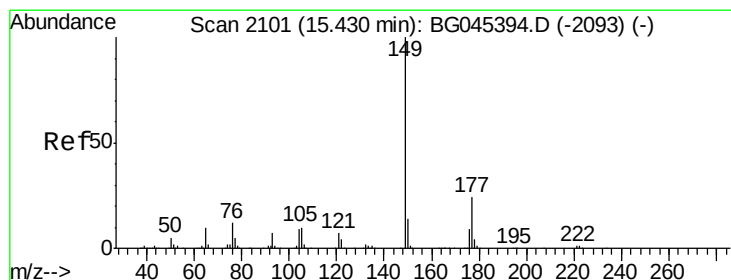
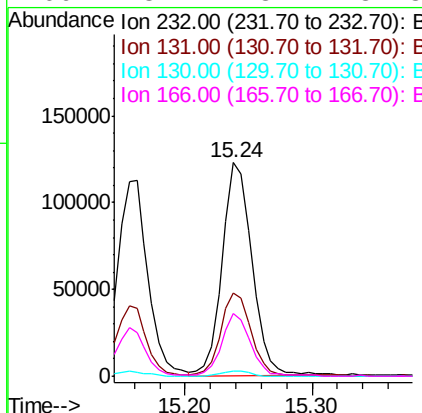
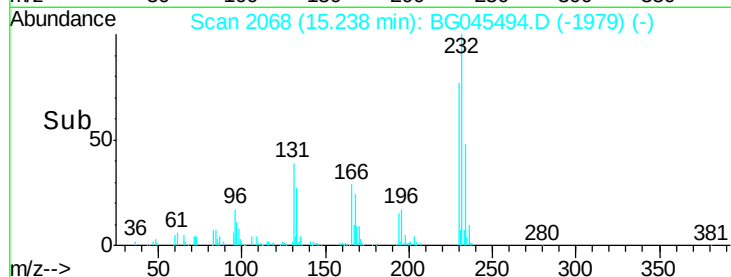
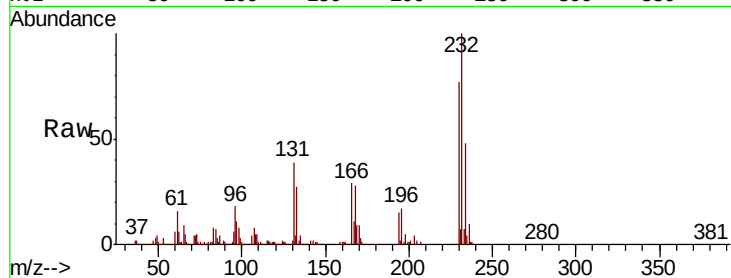
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.086 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	200575		
131	39.7		33.7	50.5
130	2.5		2.1	3.1
166	28.1		23.2	34.8

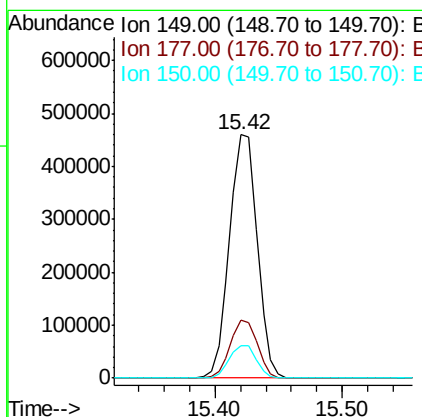
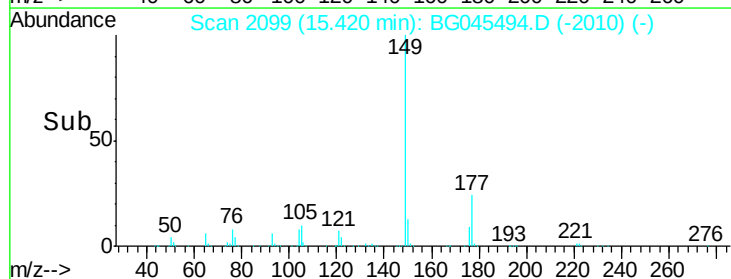
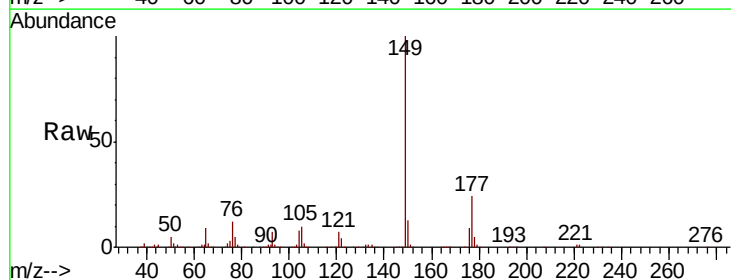
Manual Integrations
 APPROVED

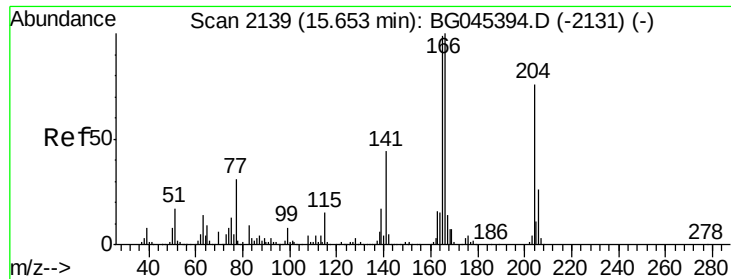
mohammad
 5/29/2020 10:26:56 PM



#60
 Diethylphthalate
 Concen: 46.334 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	692991		
177	23.9		19.0	28.4
150	13.4		11.4	17.0





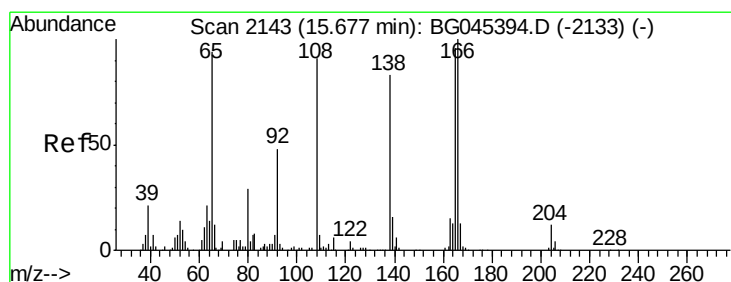
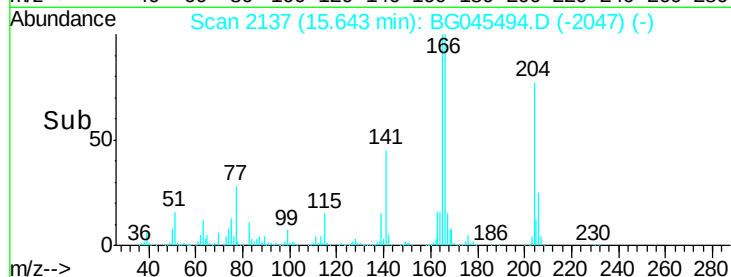
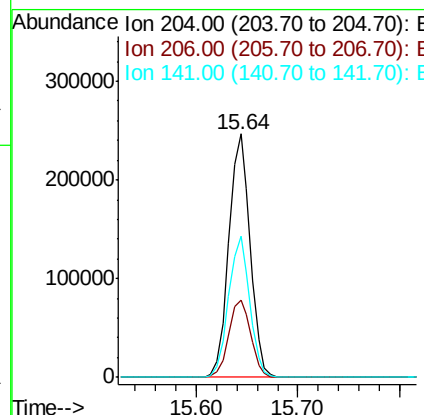
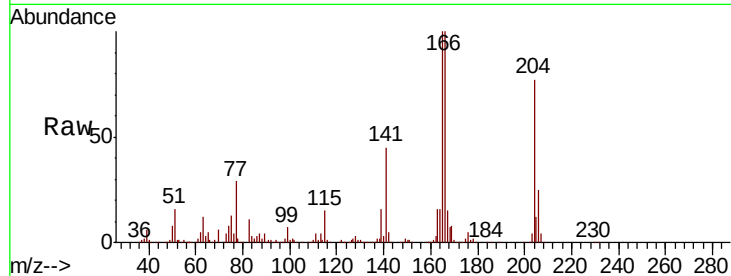
#61
4-Chlorophenyl-phenylether
Concen: 45.558 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	357421		
206	31.8	27.3	40.9	
141	57.9	45.9	68.9	

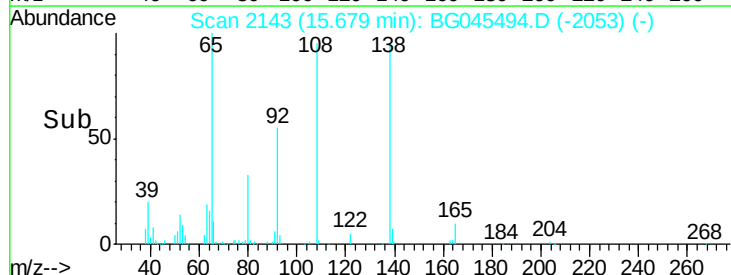
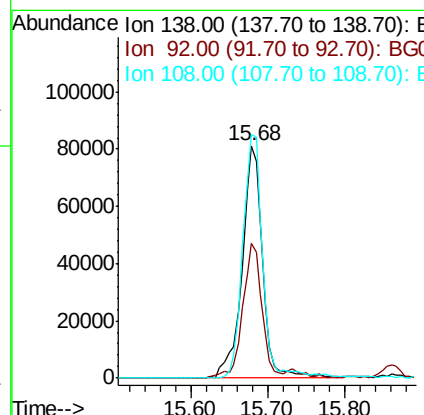
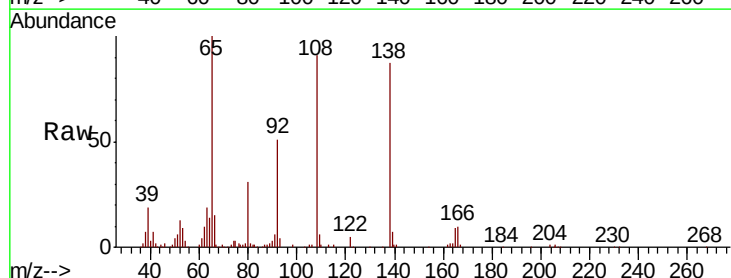
Manual Integrations
APPROVED

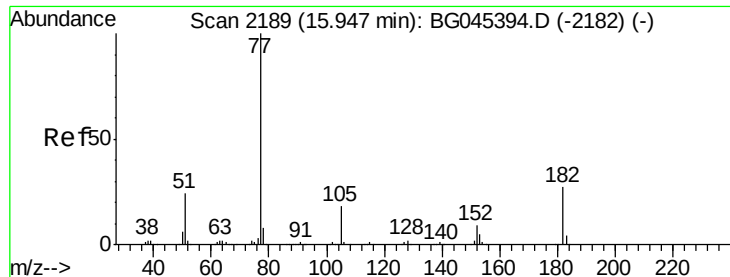
mohammad
5/29/2020 10:26:56 PM



#62
4-Nitroaniline
Concen: 43.912 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	151104		
92	58.0	38.0	78.0	
108	104.9	89.3	129.3	





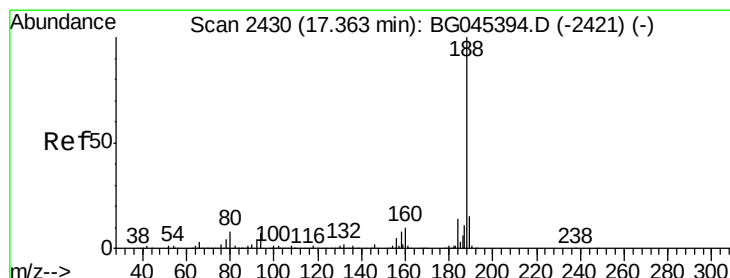
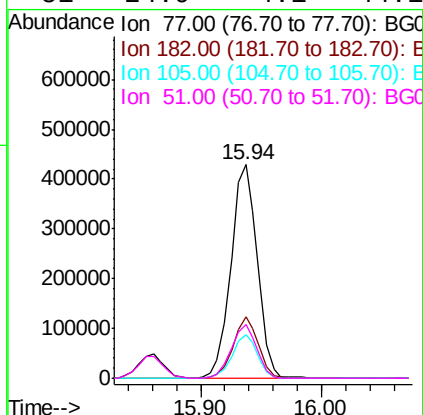
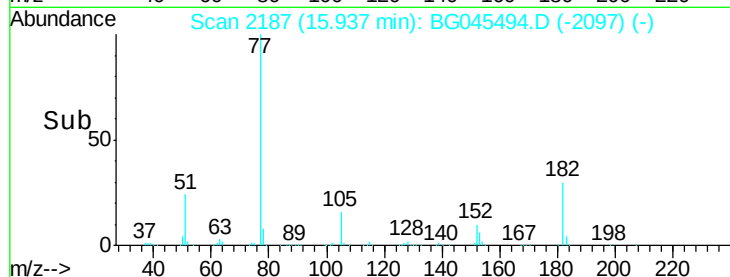
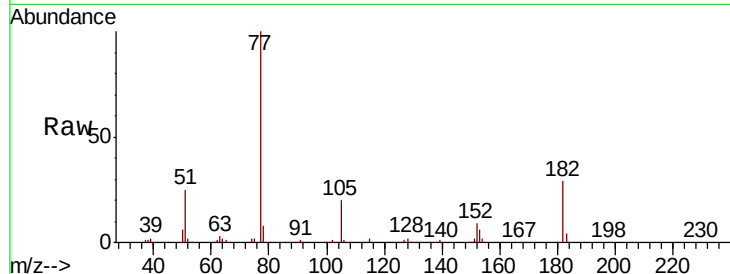
#63
Azobenzene
Concen: 46.458 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		647898		
182	29.1	6.5	46.5		
105	20.3	0.0	37.9		
51	24.9	4.1	44.1		

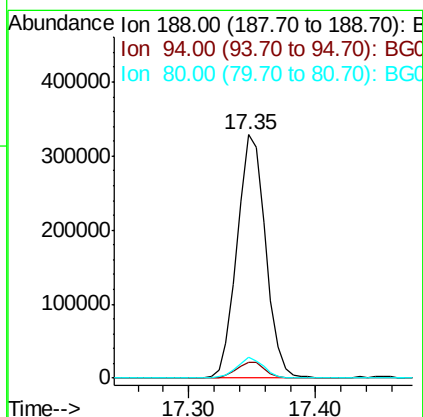
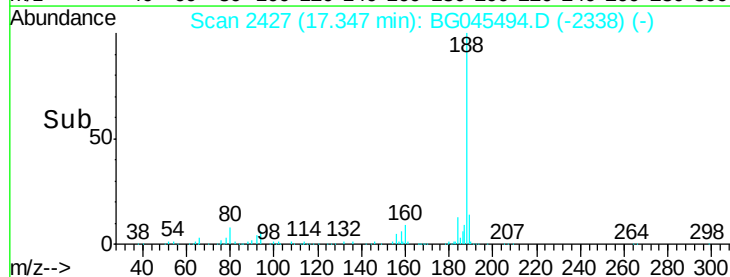
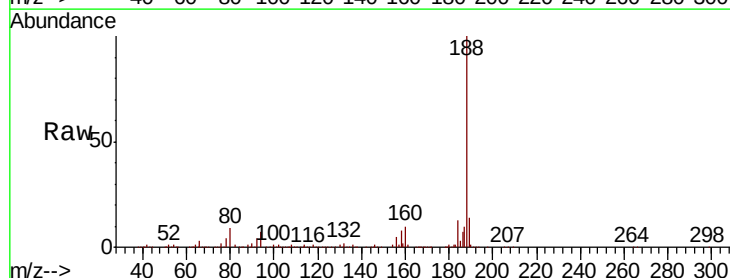
Manual Integrations
APPROVED

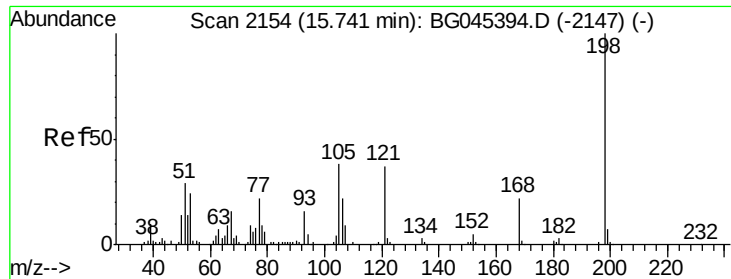
mohammad
5/29/2020 10:26:56 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		510424		
94	6.7	5.5	8.3		
80	8.5	6.6	10.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 47.269 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

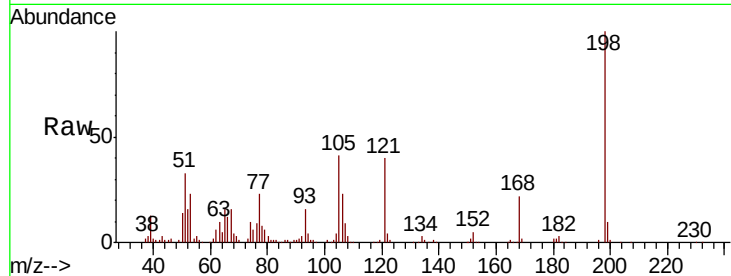
ClientSampleId :

PB129122BS

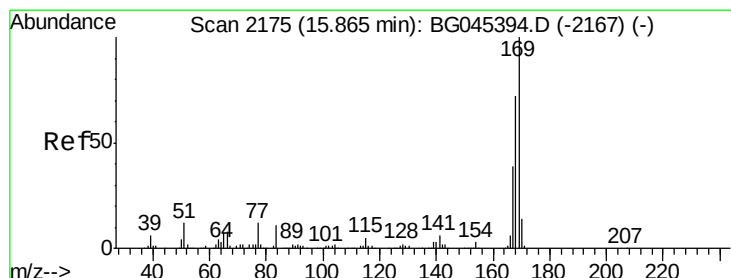
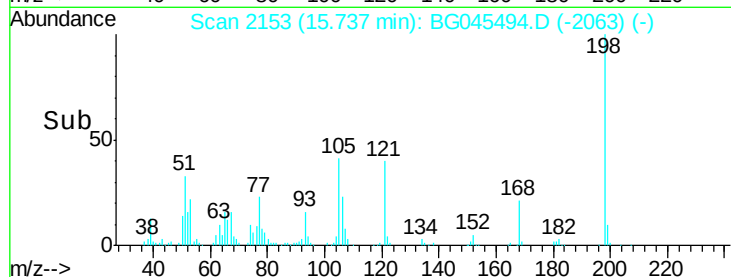
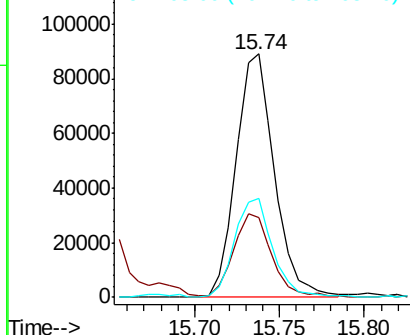
Tot Ion:	198	Resp:	140516
Ion Ratio	Lower	Upper	
198	100		
51	32.8	10.0	50.0
105	40.8	18.9	58.9

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 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: 47.079 ng

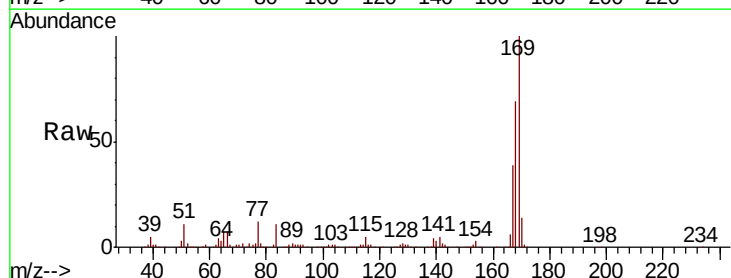
RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

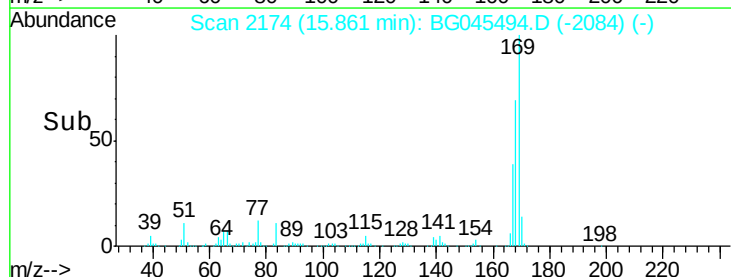
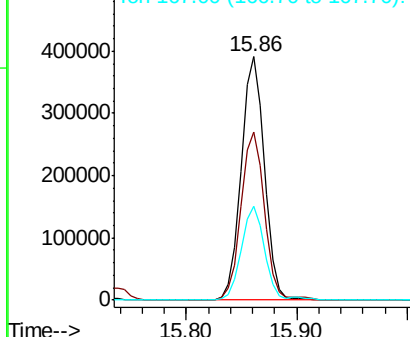
Lab File: BG045494.D

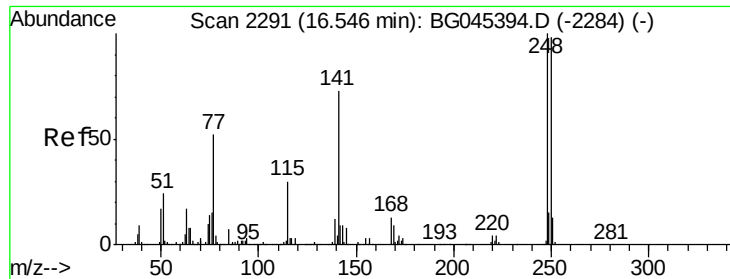
Acq: 28 May 2020 12:52

Tgt Ion:	169	Resp:	576960
Ion Ratio	Lower	Upper	
169	100		
168	68.9	57.8	86.6
167	38.8	31.5	47.3



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





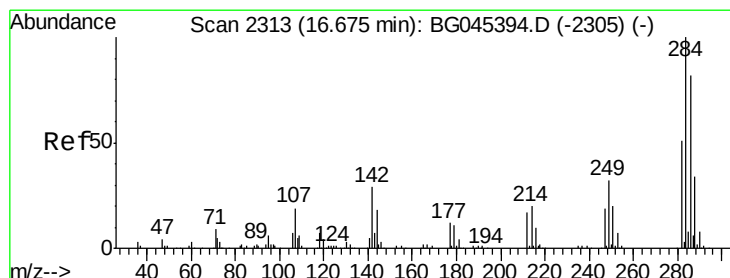
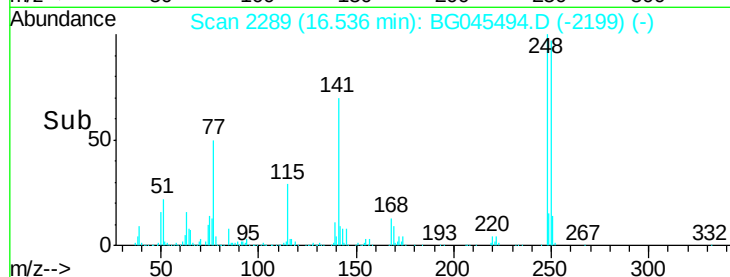
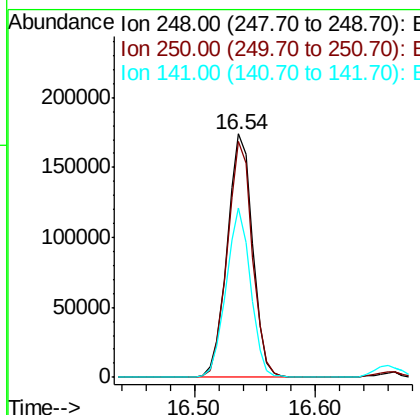
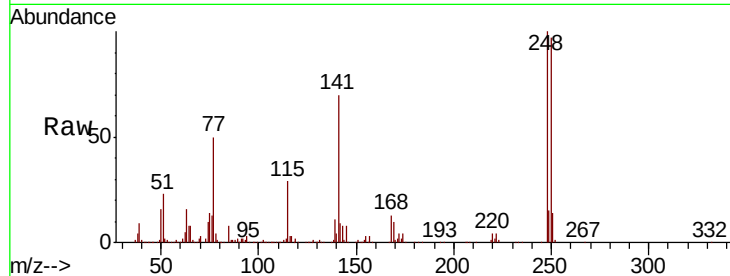
#67
 4-Bromophenyl-phenylether
 Concen: 46.064 ng
 RT: 16.54 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.6	117.8
141	69.7	58.2	87.2

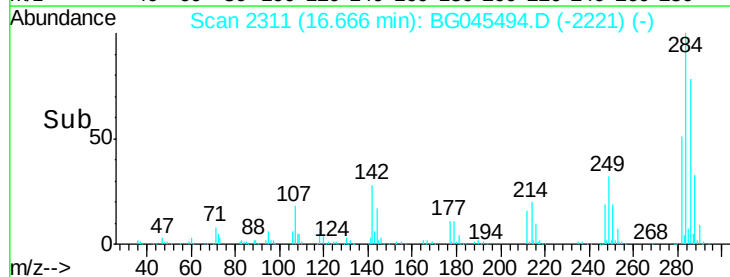
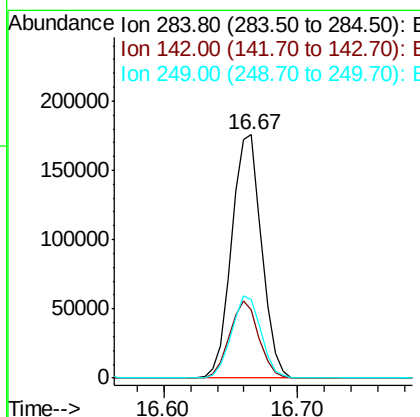
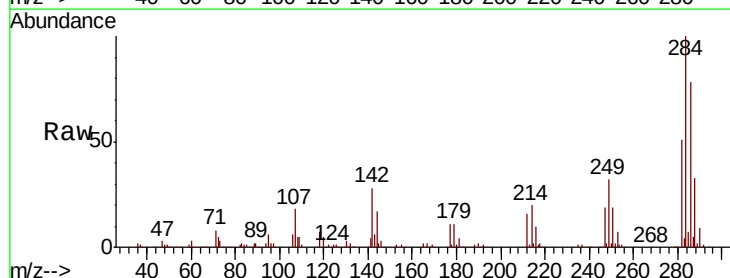
Manual Integrations
 APPROVED

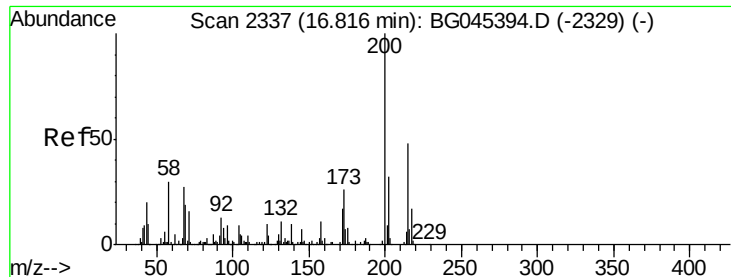
mohammad
 5/29/2020 10:26:56 PM



#68
 Hexachlorobenzene
 Concen: 47.493 ng
 RT: 16.67 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	23.0	34.6
249	32.0	25.8	38.6





#69

Atrazine

Concen: 45.043 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

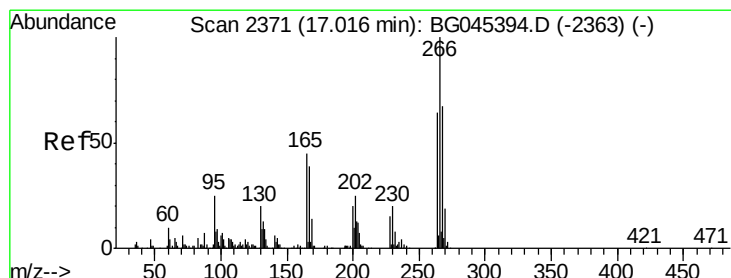
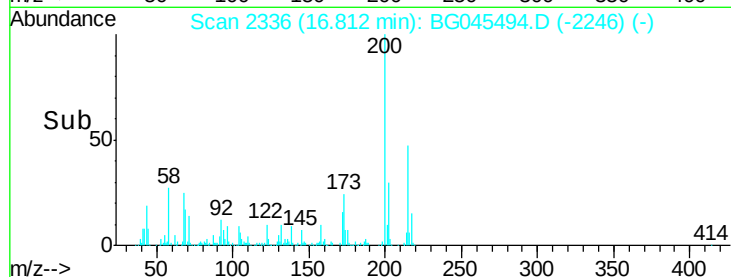
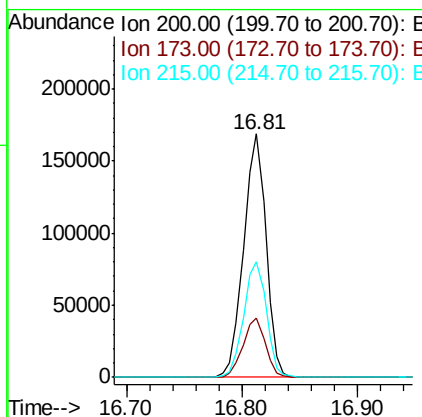
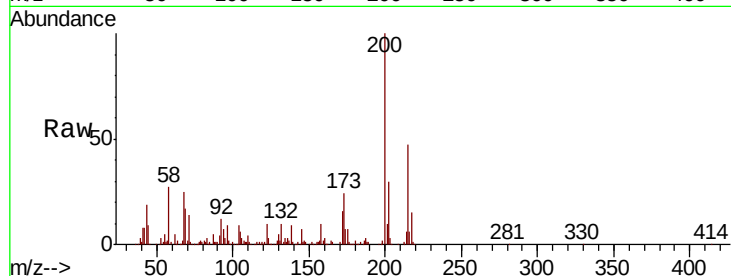
ClientSampleId :

PB129122BS

Tot Ion:	200	Resp:	227370
Ion Ratio	Lower	Upper	
200	100		
173	24.3	5.5	45.5
215	47.3	28.2	68.2

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



#70

Pentachlorophenol

Concen: 94.187 ng

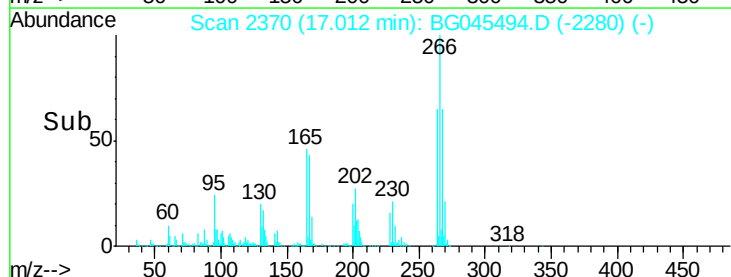
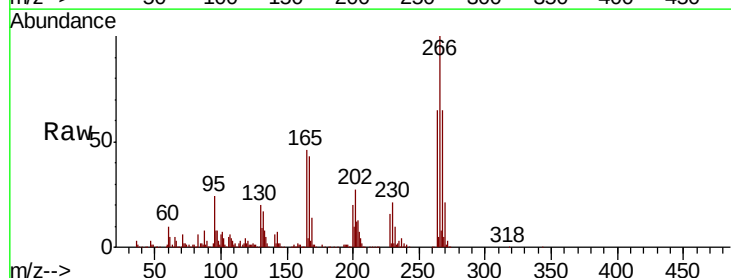
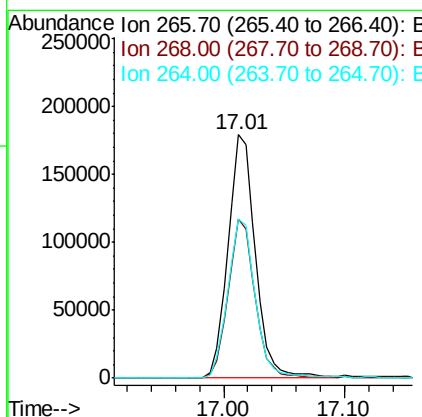
RT: 17.01 min Scan# 2370

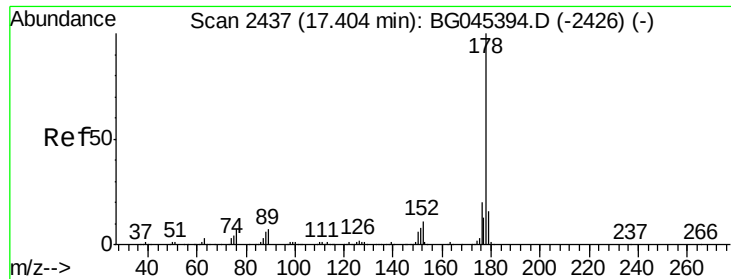
Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:	266	Resp:	282716
Ion Ratio	Lower	Upper	
266	100		
268	65.3	53.2	79.8
264	65.4	51.0	76.4





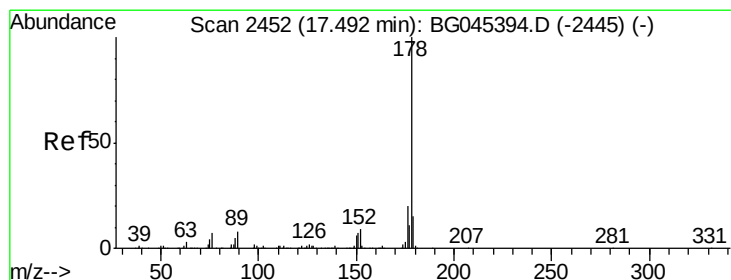
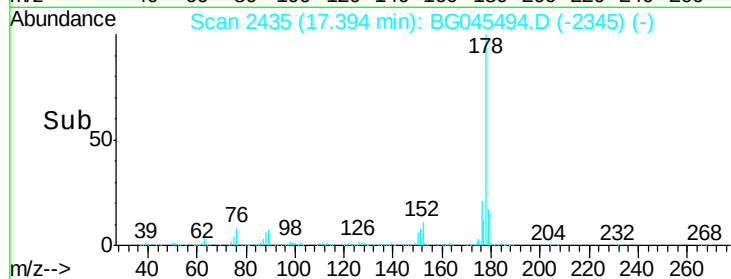
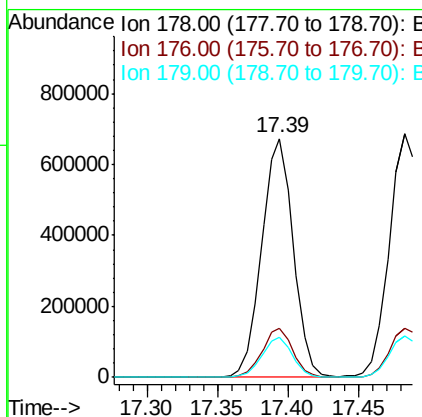
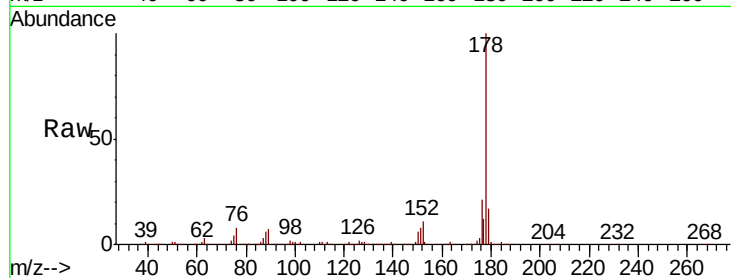
#71
Phenanthrene
Concen: 47.456 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion:178 Resp: 1057463
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 17.0 13.1 19.7

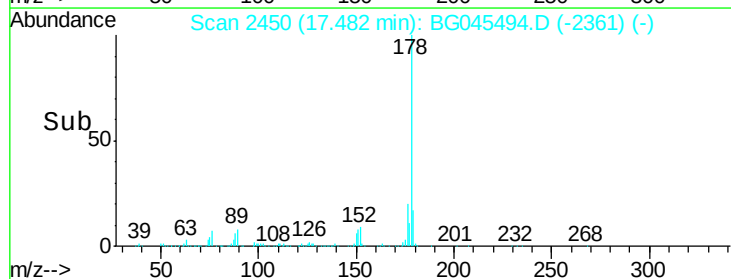
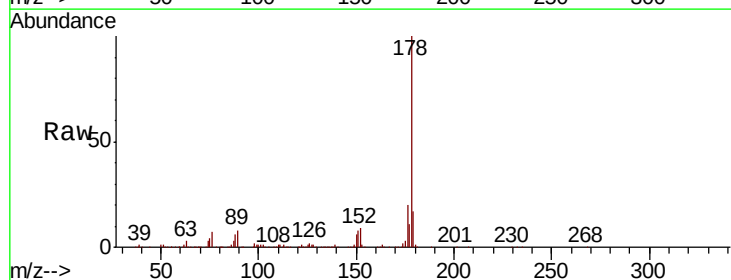
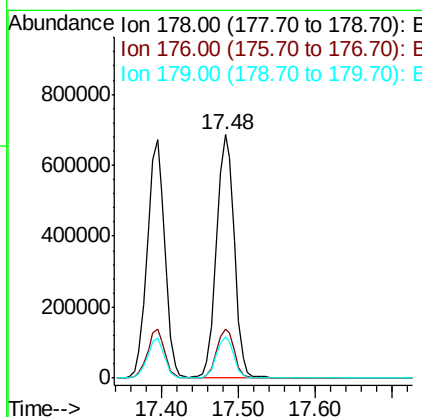
Manual Integrations
APPROVED

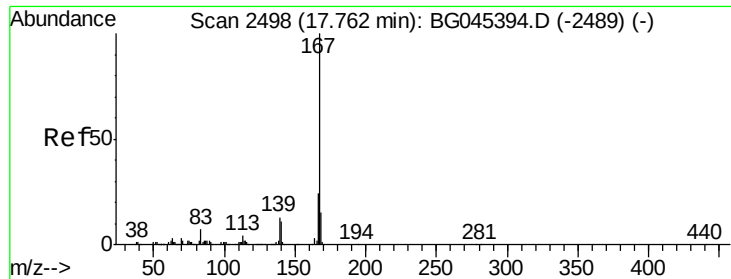
mohammad
5/29/2020 10:26:56 PM



#72
Anthracene
Concen: 48.415 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion:178 Resp: 1083395
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.9 12.2 18.4





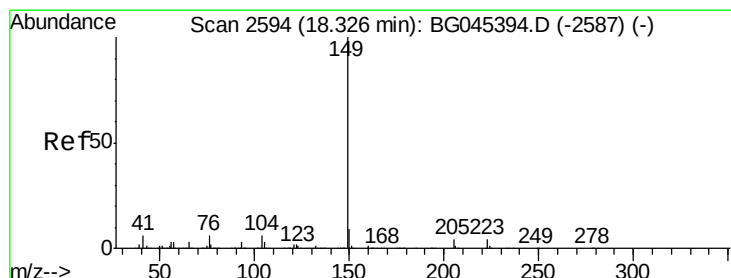
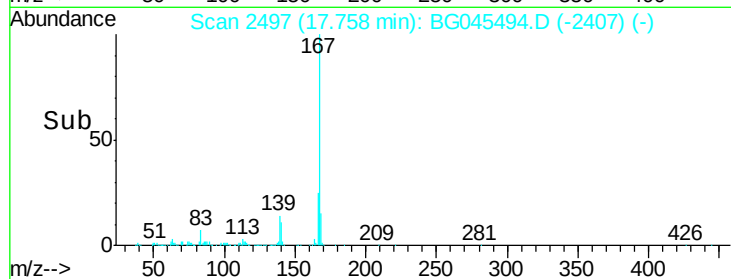
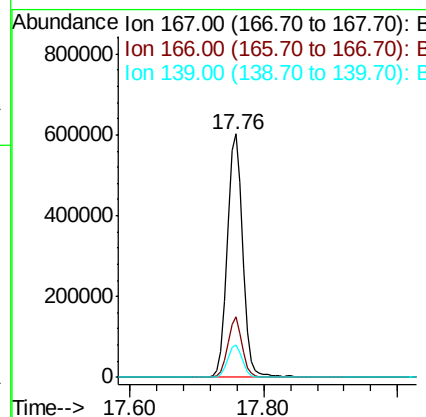
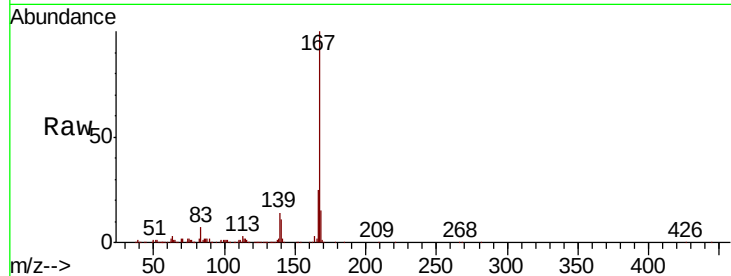
#73
 Carbazole
 Concen: 45.372 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.2	28.8
139	13.5	10.6	16.0

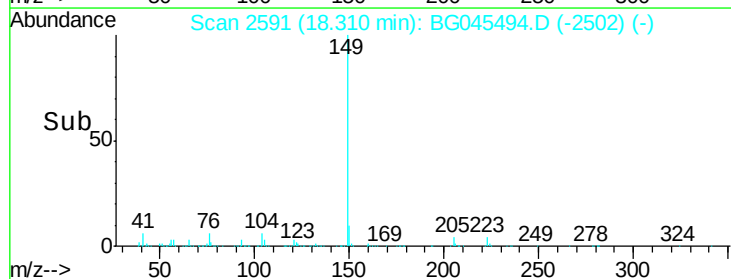
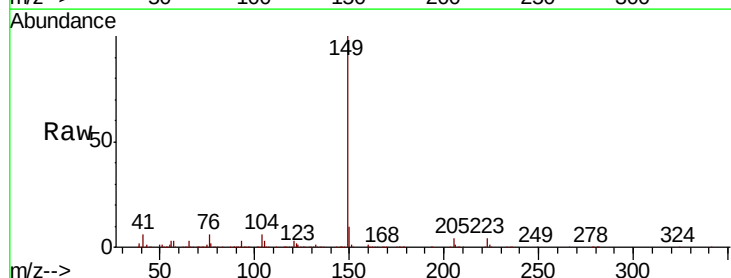
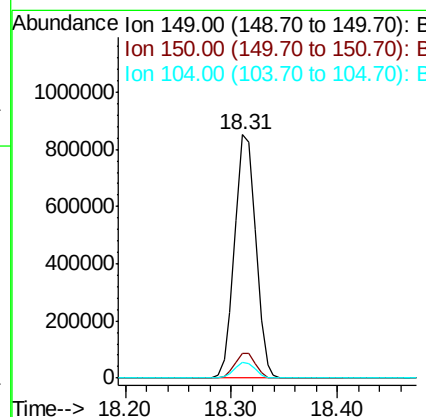
Manual Integrations
 APPROVED

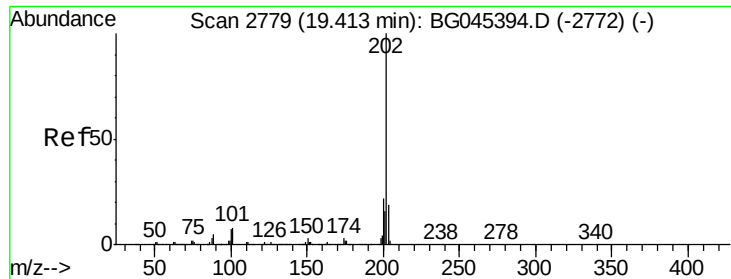
mohammad
 5/29/2020 10:26:56 PM



#74
 Di-n-butylphthalate
 Concen: 44.778 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.6	11.4
104	6.4	5.0	7.4





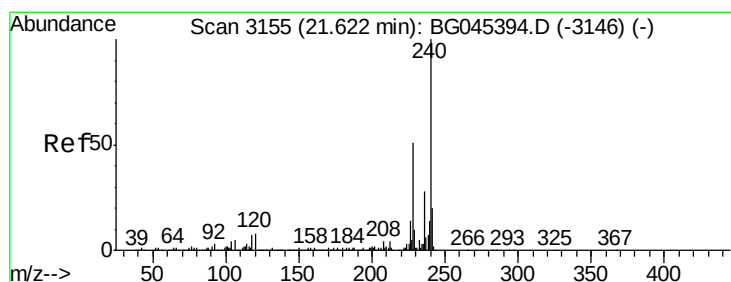
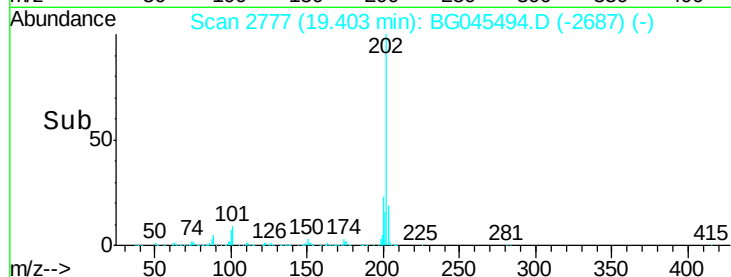
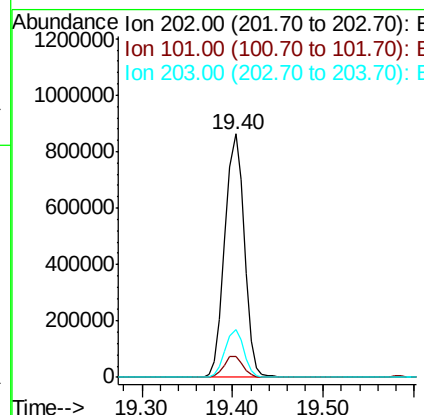
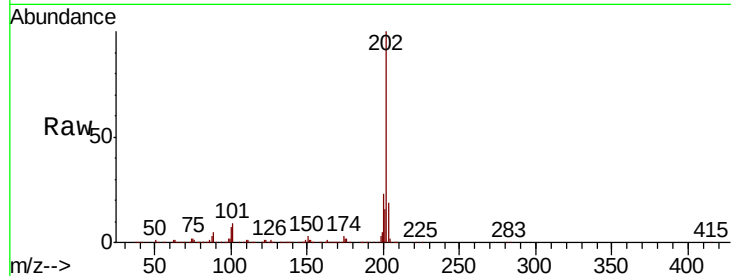
#75
 Fluoranthene
 Concen: 45.172 ng
 RT: 19.40 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1280274		
101	8.7		0.0	28.3
203	19.4		0.0	39.0

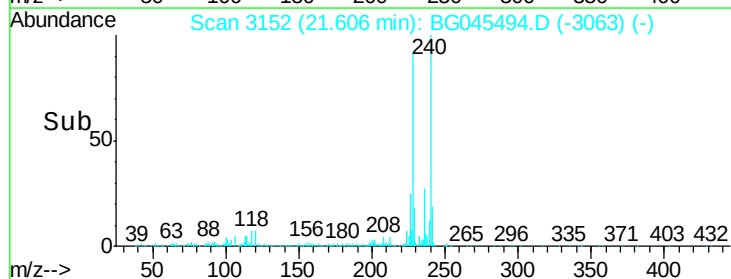
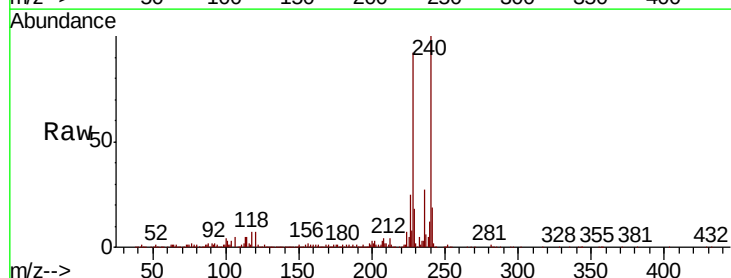
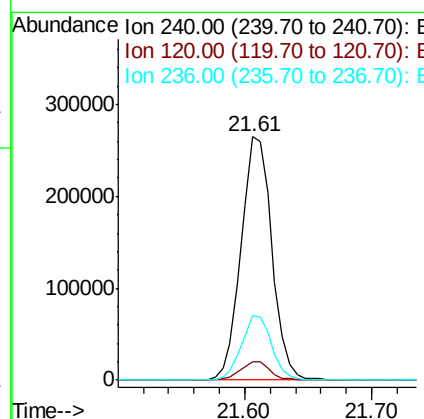
Manual Integrations
 APPROVED

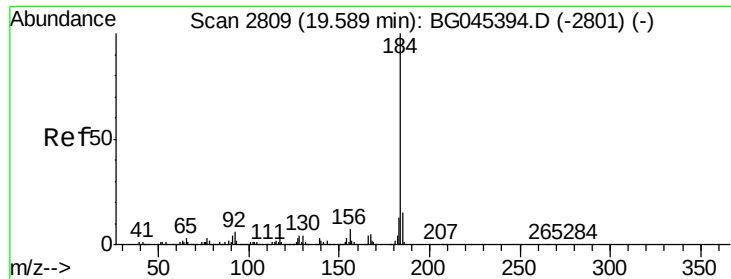
mohammad
 5/29/2020 10:26:56 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	446074		
120	7.4		6.1	9.1
236	26.7		22.3	33.5





#77

Benzidine

Concen: 59.888 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

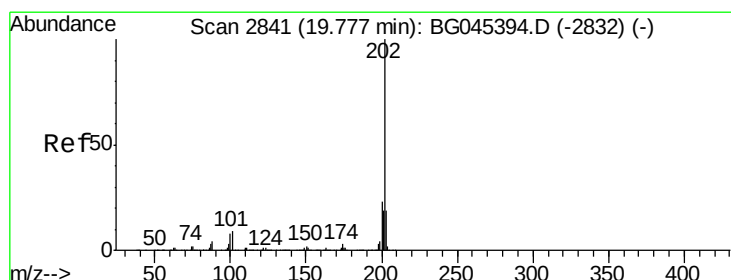
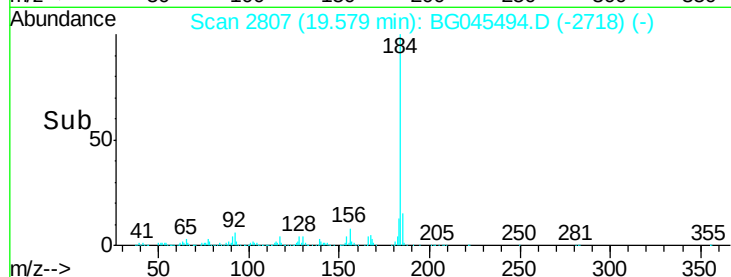
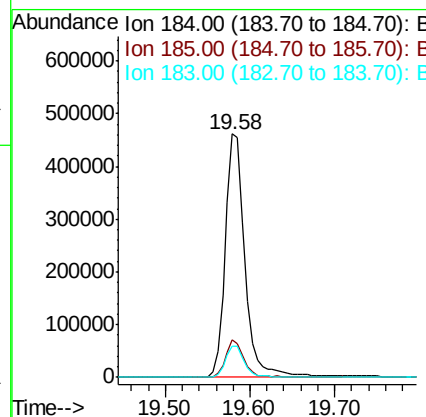
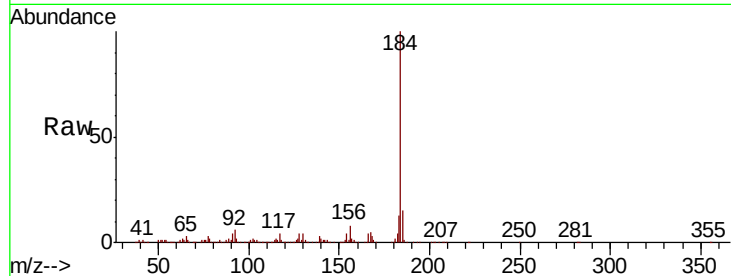
ClientSampleId :

PB129122BS

Tot Ion:	184	Resp:	750290
Ion Ratio	Lower	Upper	
184	100		
185	15.5	11.7	17.5
183	12.6	10.2	15.4

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



#78

Pyrene

Concen: 50.395 ng

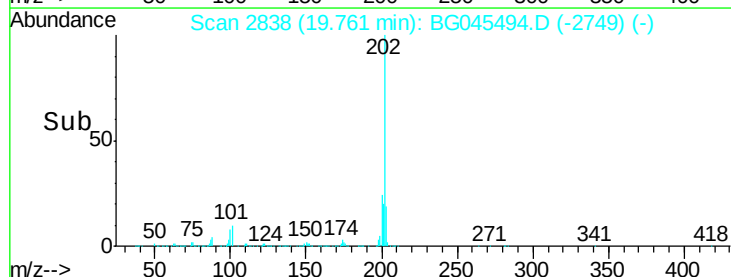
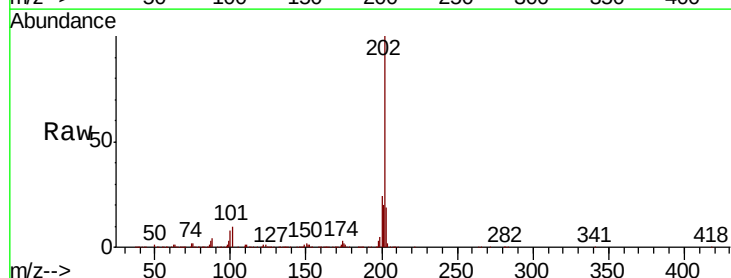
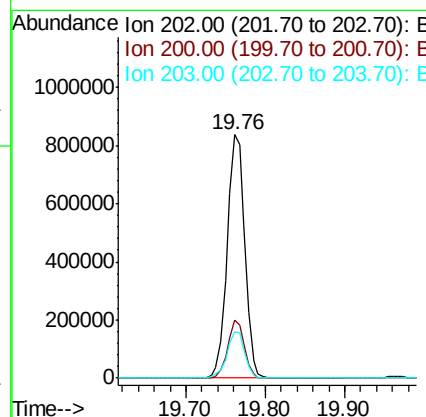
RT: 19.76 min Scan# 2838

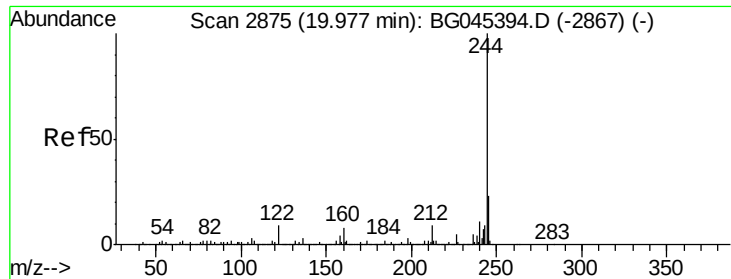
Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:	202	Resp:	1281435
Ion Ratio	Lower	Upper	
202	100		
200	23.8	18.2	27.2
203	19.2	15.1	22.7





#79

Terphenyl-d14

Concen: 98.670 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

Tot Ion:244 Resp: 1887150

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.0

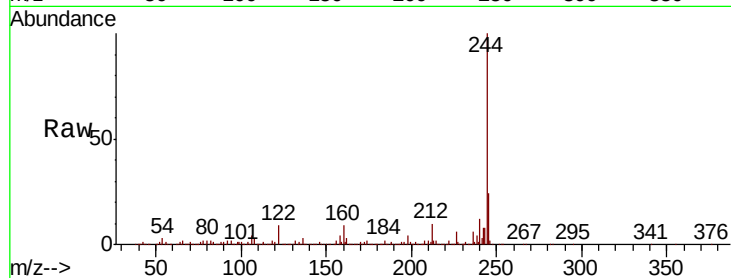
122 9.3 6.8 10.2

Manual Integrations

APPROVED

mohammad

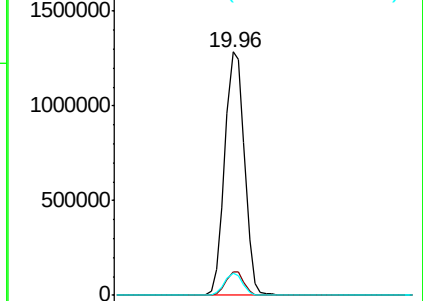
5/29/2020 10:26:56 PM



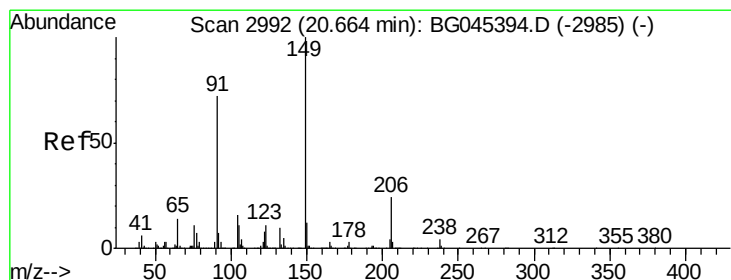
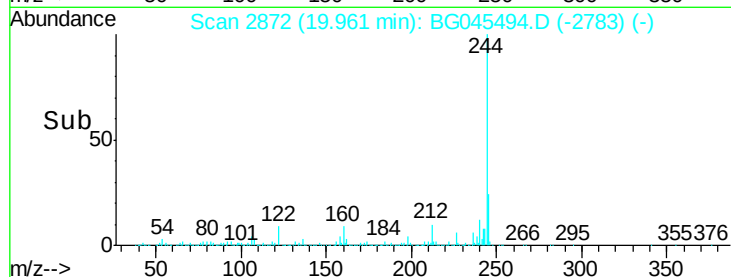
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 46.113 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

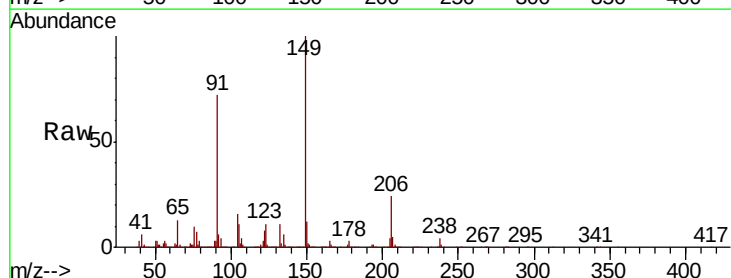
Tgt Ion:149 Resp: 506114

Ion Ratio Lower Upper

149 100

91 71.8 57.8 86.6

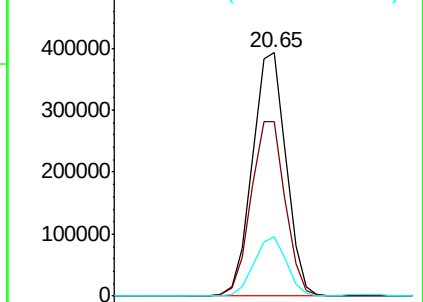
206 24.5 19.1 28.7



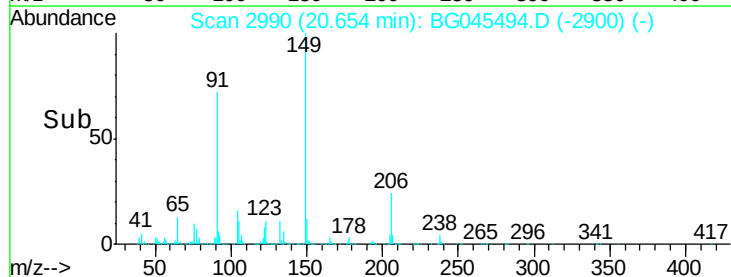
Abundance Ion 149.00 (148.70 to 149.70): E

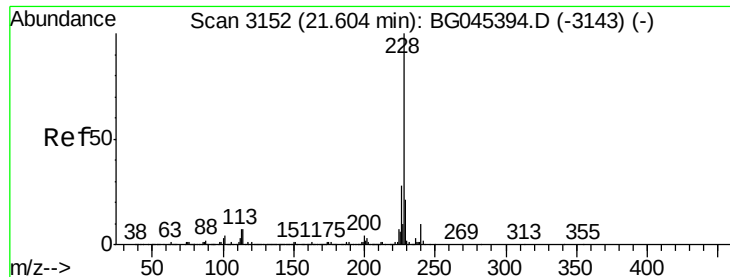
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 49.004 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

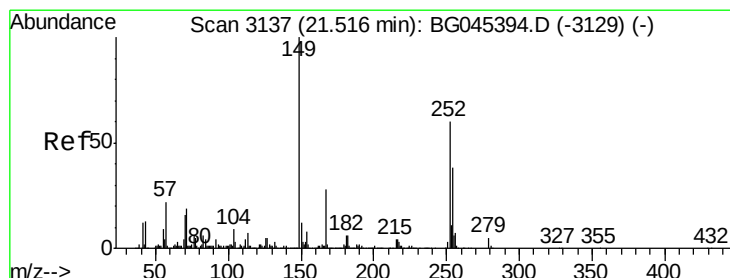
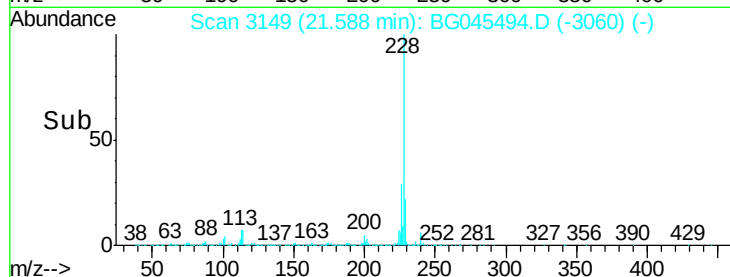
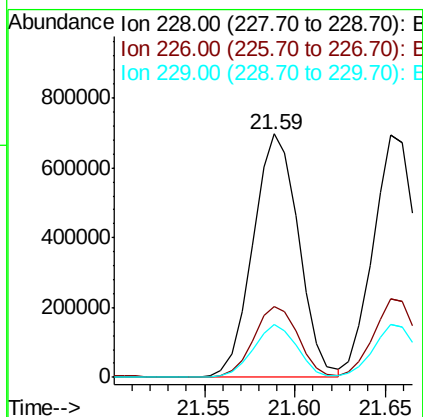
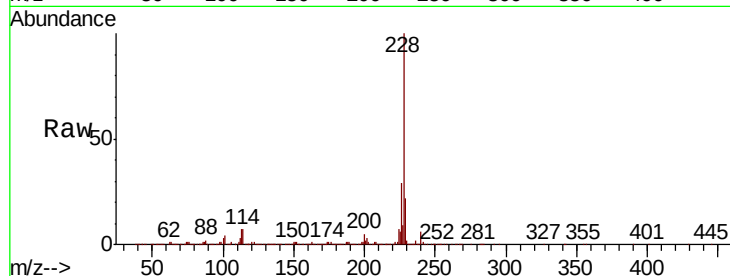
ClientSampleId :

PB129122BS

Tot Ion:	228	Resp:	1217724
Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	21.8	16.7	25.1

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



#82

3,3'-Dichlorobenzidine

Concen: 37.142 ng

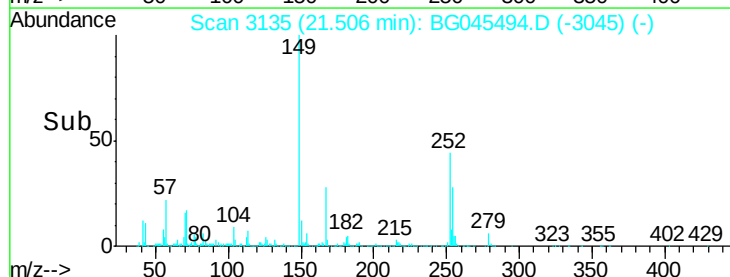
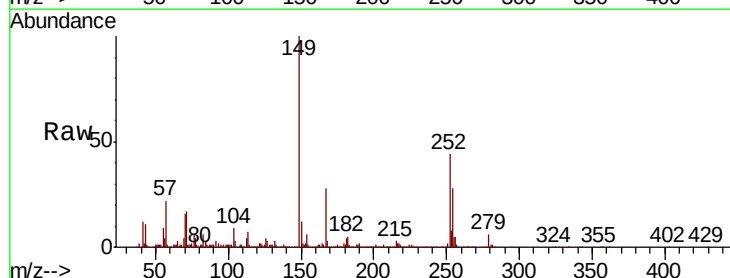
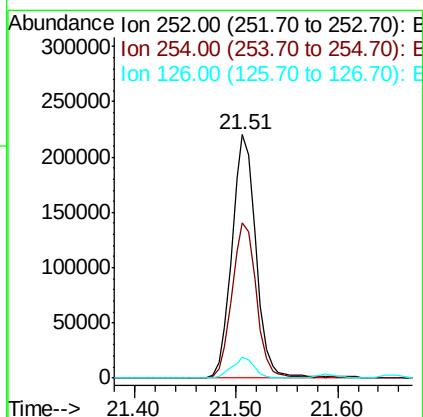
RT: 21.51 min Scan# 3135

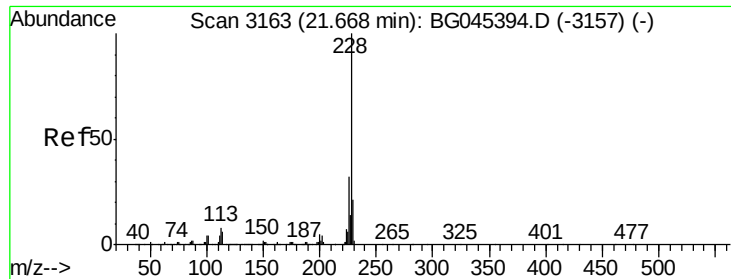
Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:	252	Resp:	362040
Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	8.5	6.6	10.0





#83

Chrysene

Concen: 47.681 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

Tot Ion:228 Resp: 1139280

Ion Ratio Lower Upper

228 100

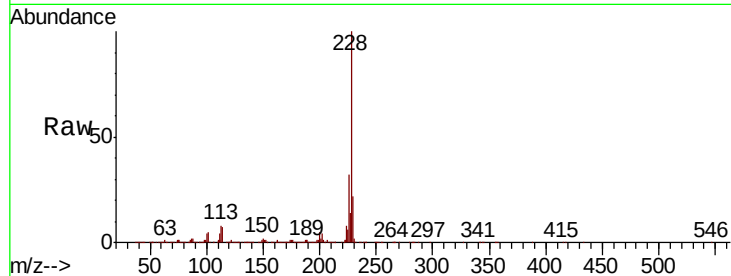
226 32.5 25.2 37.8

229 22.0 16.7 25.1

Manual Integrations
APPROVED

mohammad

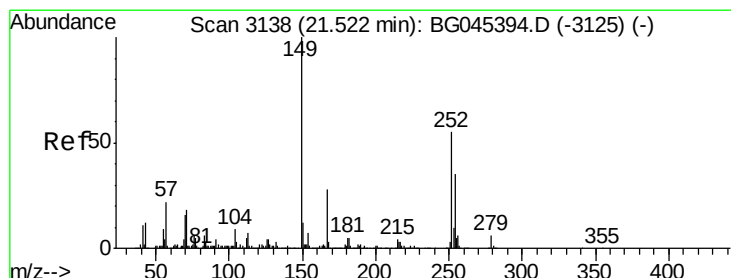
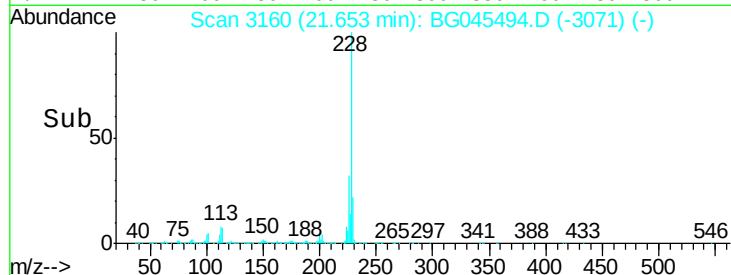
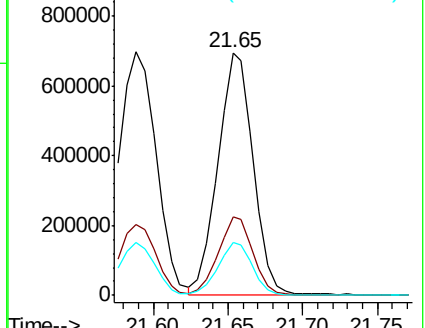
5/29/2020 10:26:56 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.071 ng

RT: 21.51 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

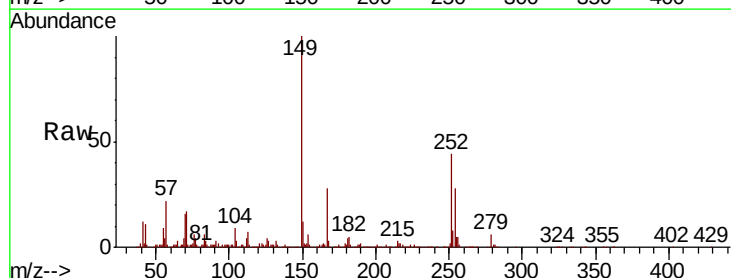
Tgt Ion:149 Resp: 710177

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

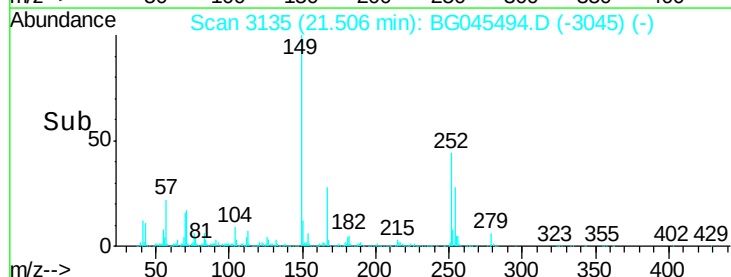
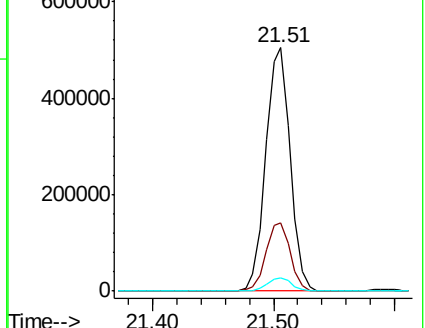
279 5.7 4.7 7.1

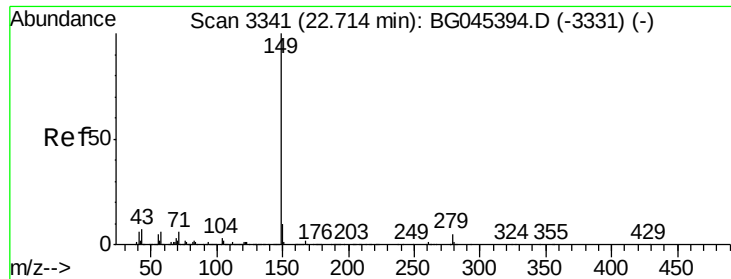


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





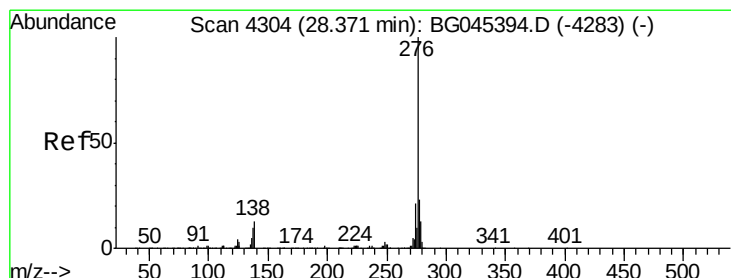
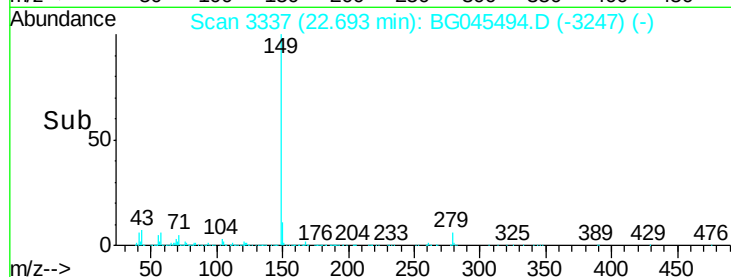
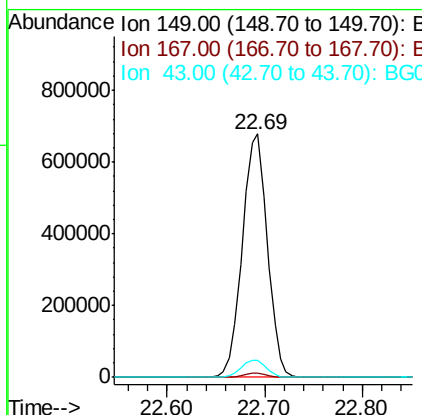
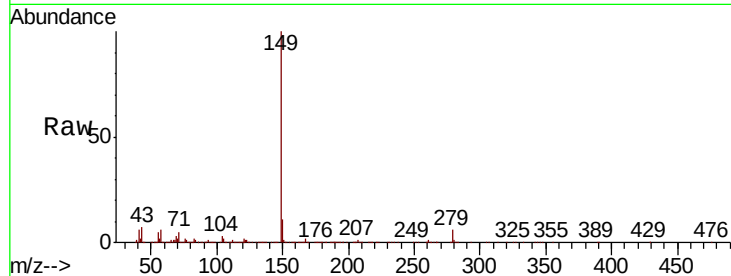
#85
Di-n-octyl phthalate
Concen: 46.404 ng
RT: 22.69 min Scan# 3337
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

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

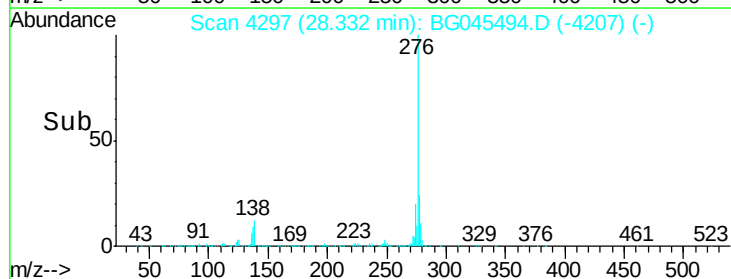
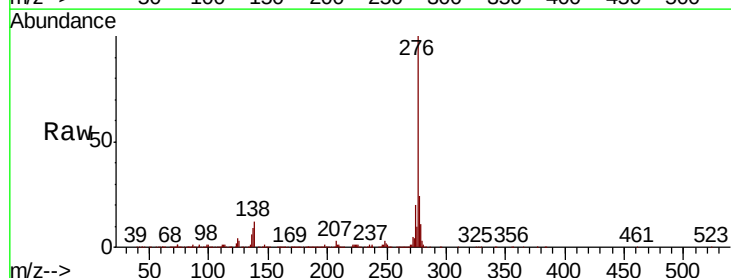
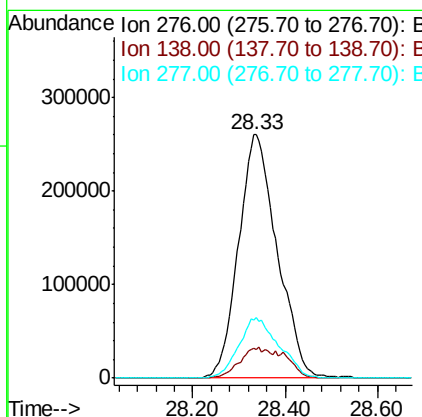
Manual Integrations
APPROVED

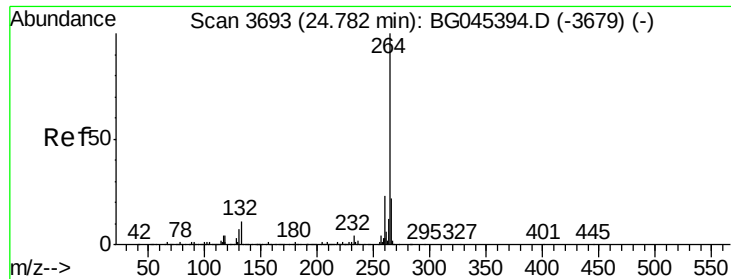
mohammad
5/29/2020 10:26:56 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.458 ng
RT: 28.33 min Scan# 4297
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.9	8.6	12.8
277	25.8	20.2	30.4





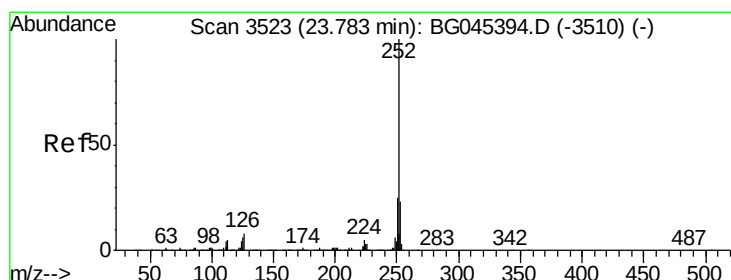
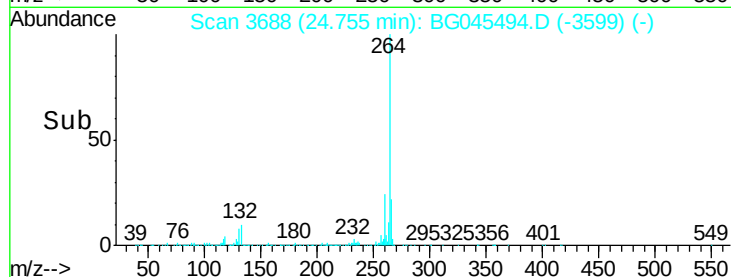
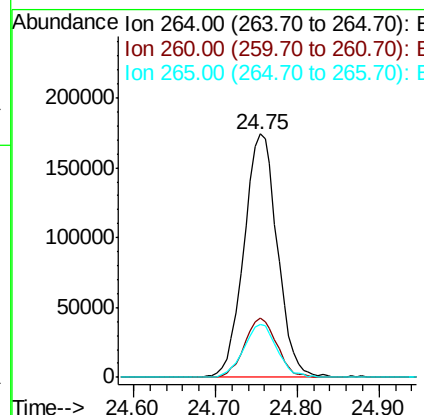
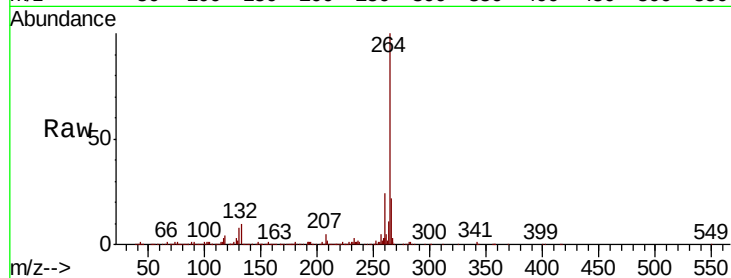
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.7	17.6	26.4

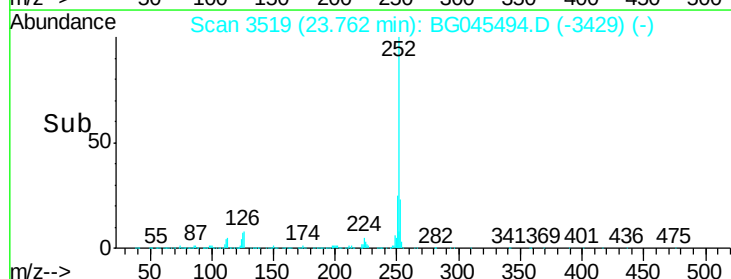
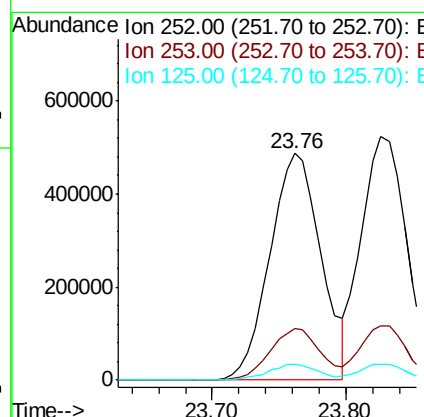
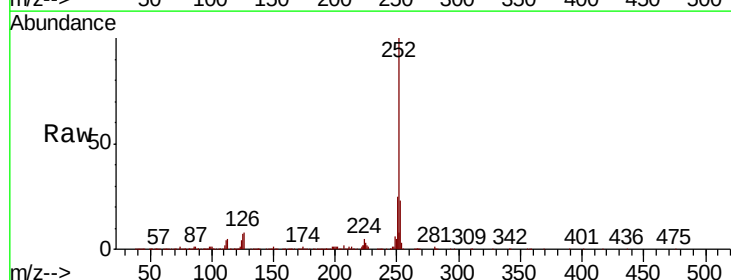
Manual Integrations
APPROVED

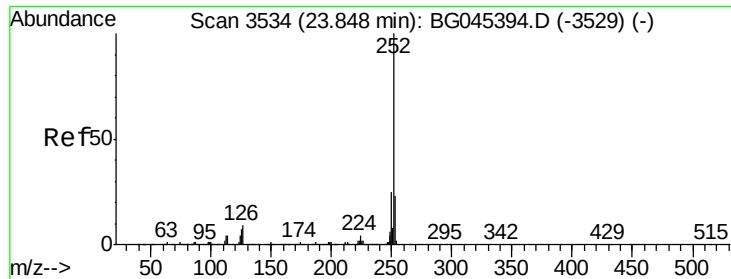
mohammad
5/29/2020 10:26:56 PM



#88
Benzo(b)fluoranthene
Concen: 48.784 ng
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	6.9	5.0	7.6





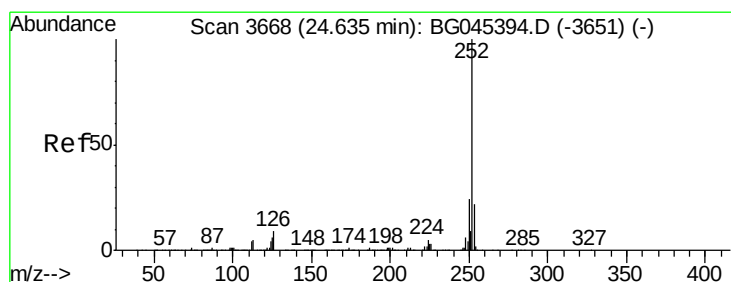
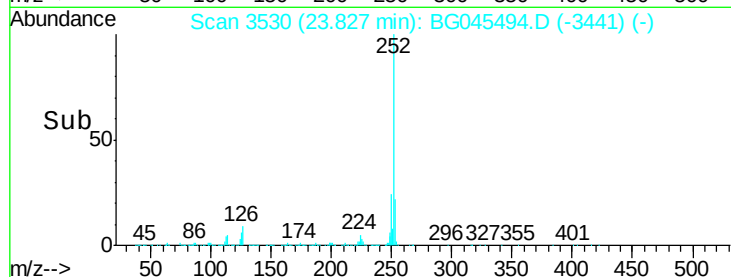
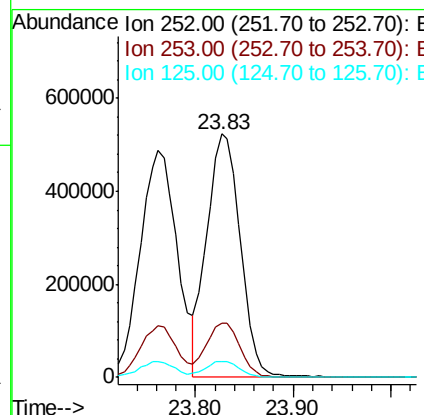
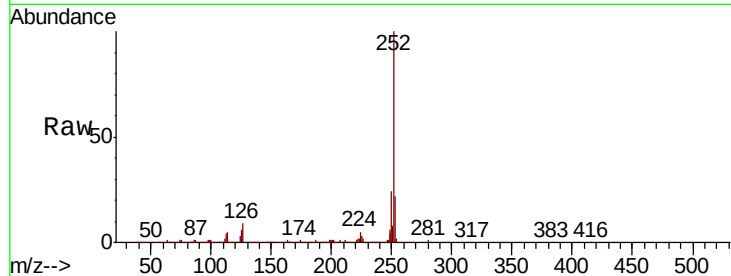
#89
Benzo(k)fluoranthene
Concen: 49.674 ng
RT: 23.83 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	6.3	5.7	8.5

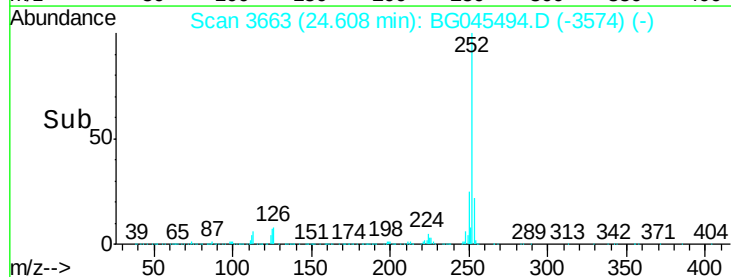
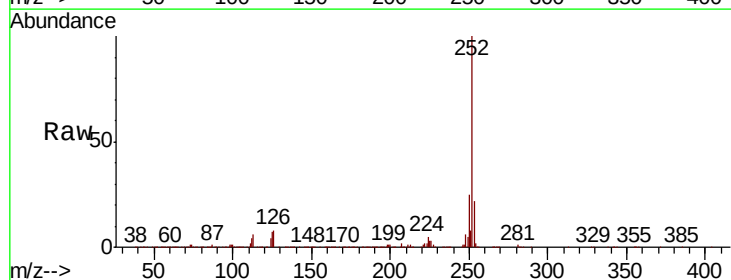
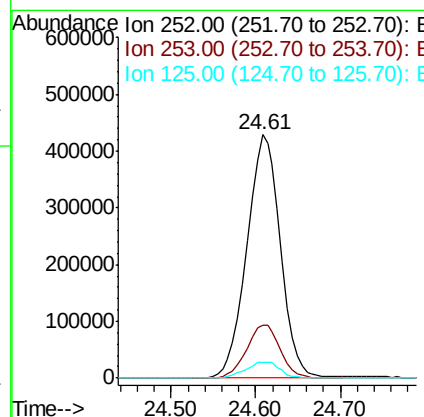
Manual Integrations
APPROVED

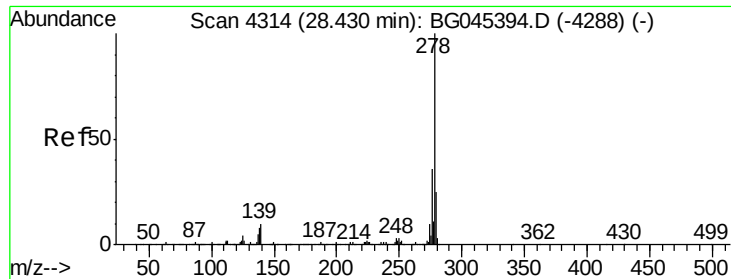
mohammad
5/29/2020 10:26:56 PM



#90
Benzo(a)pyrene
Concen: 47.783 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	6.7	5.0	7.6





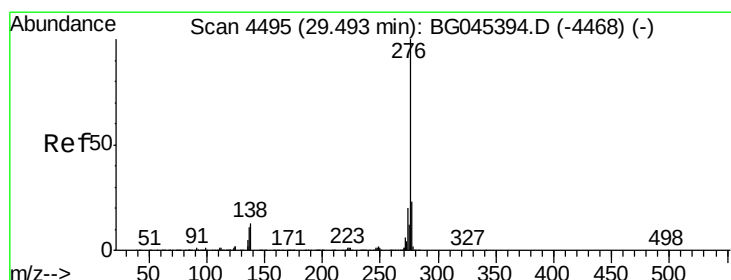
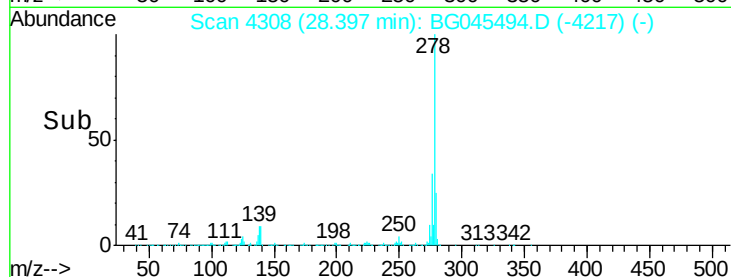
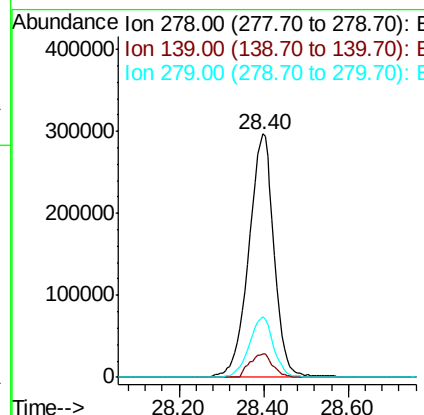
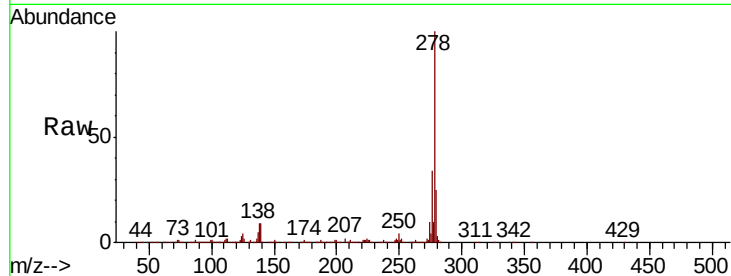
#91
Dibenzo(a,h)anthracene
Concen: 49.992 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	7.8	11.8
279	24.9	19.8	29.8

Manual Integrations
APPROVED

mohammad
5/29/2020 10:26:56 PM



#92
Benzo(g,h,i)perylene
Concen: 50.289 ng
RT: 29.46 min Scan# 4489
Delta R.T. 0.01 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.1	27.1
138	11.7	10.2	15.4

