

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045579.D
 Acq On : 3 Jun 2020 13:38
 Operator : CG/JU
 Sample : PB129213BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Manual Integrations
 APPROVED

mohammad
 6/4/2020 12:11:13 PM

Quant Time: Jun 03 14:26:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	61509	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	239923	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	170061	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	413869	20.00	ng	0.00
76) Chrysene-d12	21.62	240	397082	20.00	ng	0.01
87) Perylene-d12	24.76	264	427454	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	465206	147.81	ng	0.01
7) Phenol-d6	7.16	99	646362	144.29	ng	0.01
23) Nitrobenzene-d5	9.12	82	415442	94.42	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	313098	143.96	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	938249	93.58	ng	0.00
79) Terphenyl-d14	19.97	244	1673692	98.31	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.41	88	62126	39.805	ng	98
3) Pyridine	3.80	79	143035	32.906	ng	93
4) n-Nitrosodimethylamine	3.72	42	65859	46.302	ng	86
6) Aniline	7.28	93	254598	43.537	ng	98
8) 2-Chlorophenol	7.53	128	172598	50.007	ng	98
9) Benzaldehyde	7.09	77	113549	38.905	ng	96
10) Phenol	7.18	94	228257	49.440	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	163510	45.404	ng	98
12) 1,3-Dichlorobenzene	7.85	146	185850	44.808	ng	99
13) 1,4-Dichlorobenzene	7.99	146	188841	46.135	ng	93
14) 1,2-Dichlorobenzene	8.31	146	176509	44.835	ng	96
15) Benzyl Alcohol	8.20	79	177549	47.978	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	151588	44.345	ng	98
17) 2-Methylphenol	8.43	107	154195	44.620	ng	96
18) Hexachloroethane	9.04	117	73909	47.145	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	143429	46.301	ng	96
20) 3+4-Methylphenols	8.76	107	209571	44.535	ng	# 90
22) Acetophenone	8.78	105	262146	46.100	ng	97
24) Nitrobenzene	9.16	77	219718	46.611	ng	99
25) Isophorone	9.68	82	397081	45.827	ng	99
26) 2-Nitrophenol	9.87	139	96607	47.908	ng	95
27) 2,4-Dimethylphenol	9.96	122	162173	54.224	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	219085	48.213	ng	97
29) 2,4-Dichlorophenol	10.43	162	175935	49.815	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	198903	47.661	ng	99
31) Naphthalene	10.81	128	532269	47.608	ng	99
32) Benzoic acid	10.13	122	96455	47.541	ng	89
33) 4-Chloroaniline	10.92	127	184151	39.404	ng	98
34) Hexachlorobutadiene	11.11	225	137939	46.760	ng	96
35) Caprolactam	11.69	113	65324m	50.391	ng	
36) 4-Chloro-3-methylphenol	12.08	107	202698	50.933	ng	97
37) 2-Methylnaphthalene	12.42	142	398377	47.807	ng	98
38) 1-Methylnaphthalene	12.65	142	375993	47.766	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	225171	47.404	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045579.D
 Acq On : 3 Jun 2020 13:38
 Operator : CG/JU
 Sample : PB129213BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

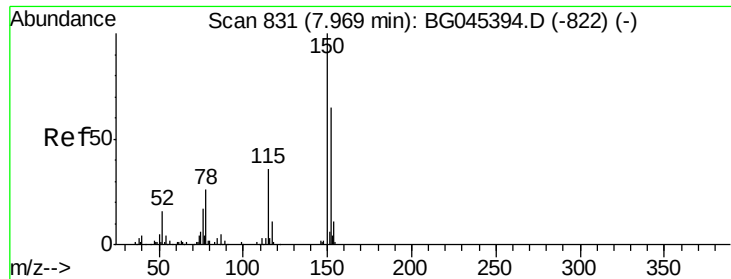
Manual Integrations
 APPROVED

mohammad
 6/4/2020 12:11:13 PM

Quant Time: Jun 03 14:26:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	279042	101.779	nq	97
43) 2,4,6-Trichlorophenol	13.05	196	155354	47.081	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	168125	44.587	nq	97
46) 1,1'-Biphenyl	13.43	154	509448	48.753	nq	98
47) 2-Chloronaphthalene	13.48	162	387718	45.692	nq	97
48) 2-Nitroaniline	13.68	65	131527	47.122	nq	94
49) Acenaphthylene	14.33	152	649109	47.625	nq	99
50) Dimethylphthalate	14.06	163	537492	46.073	nq	99
51) 2,6-Dinitrotoluene	14.17	165	122502	46.535	nq	98
52) Acenaphthene	14.67	154	476109m	52.185	nq	
53) 3-Nitroaniline	14.51	138	104751	39.144	nq	99
54) 2,4-Dinitrophenol	14.72	184	138136	80.098	nq	98
55) Dibenzofuran	15.00	168	625968	46.202	nq	97
56) 4-Nitrophenol	14.86	139	195498	96.495	nq	97
57) 2,4-Dinitrotoluene	14.97	165	179122	46.983	nq	97
58) Fluorene	15.65	166	523919	47.070	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	158127	47.666	nq	99
60) Diethylphthalate	15.42	149	571527	47.069	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	287841	45.191	nq	97
62) 4-Nitroaniline	15.68	138	136100	48.718	nq	97
63) Azobenzene	15.94	77	534804	47.235	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	113526	47.099	nq	94
66) n-Nitrosodiphenylamine	15.86	169	473054	47.605	nq	96
67) 4-Bromophenyl-phenylether	16.54	248	202169	45.112	nq	95
68) Hexachlorobenzene	16.66	284	219803	46.893	nq	96
69) Atrazine	16.81	200	188400	46.031	nq	98
70) Pentachlorophenol	17.01	266	231849	95.261	nq	99
71) Phenanthrene	17.39	178	873700	48.357	nq	100
72) Anthracene	17.49	178	897764	49.480	nq	98
73) Carbazole	17.76	167	839922	47.490	nq	98
74) Di-n-butylphthalate	18.31	149	1016852	47.902	nq	99
75) Fluoranthene	19.40	202	1112056	48.390	nq	98
77) Benzidine	19.58	184	664080	59.547	nq	99
78) Pyrene	19.77	202	1099049	48.555	nq	99
80) Butylbenzylphthalate	20.65	149	448835	45.939	nq	98
81) Benzo(a)anthracene	21.59	228	1052035	47.560	nq	98
82) 3,3'-Dichlorobenzidine	21.51	252	369170	42.546	nq	98
83) Chrysene	21.66	228	991193	46.602	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	619484	46.126	nq	100
85) Di-n-octyl phthalate	22.69	149	1056714	45.811	nq	99
86) Indeno(1,2,3-cd)pyrene	28.35	276	1287365	46.286	nq	# 96
88) Benzo(b)fluoranthene	23.77	252	1104249	48.168	nq	99
89) Benzo(k)fluoranthene	23.84	252	1061474	49.285	nq	98
90) Benzo(a)pyrene	24.62	252	999038	46.792	nq	98
91) Dibenzo(a,h)anthracene	28.41	278	1038062	48.383	nq	99
92) Benzo(g,h,i)perylene	29.46	276	1059423	49.372	nq	99

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



#1

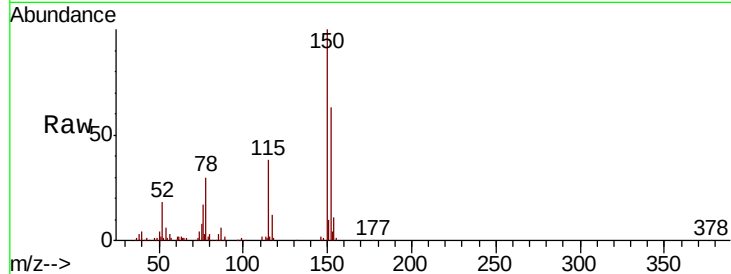
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.4	183.6
115	60.2	44.2	66.4

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM

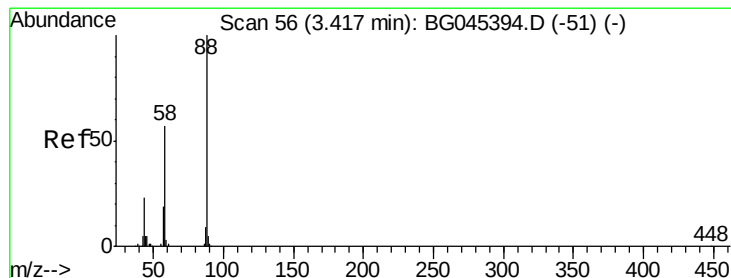
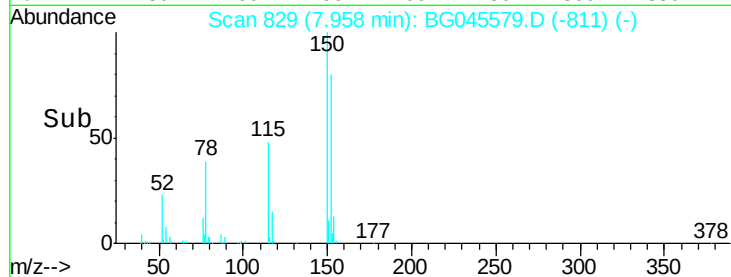
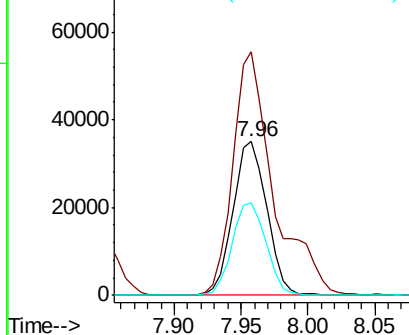


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

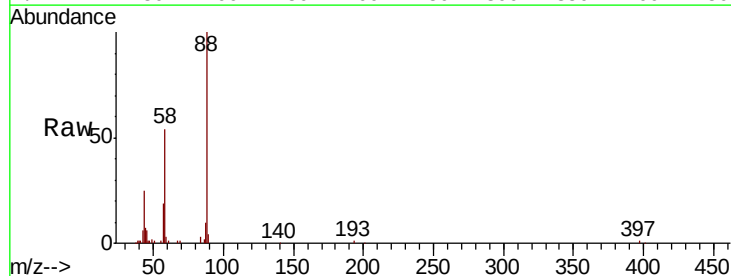
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.805 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.2	45.7	68.5
43	22.9	16.8	25.2

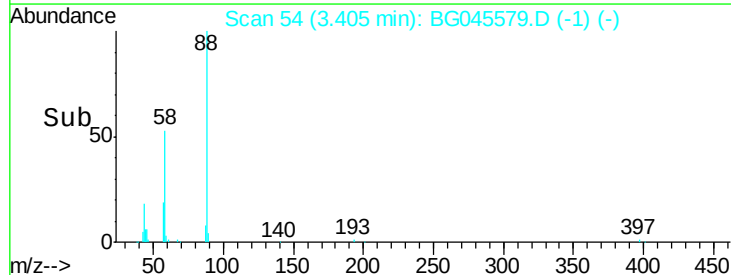
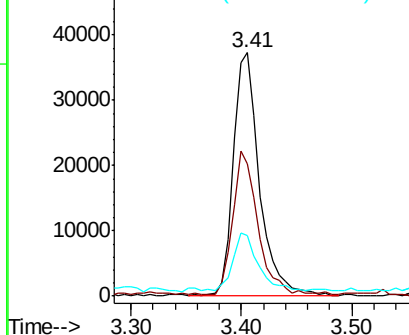


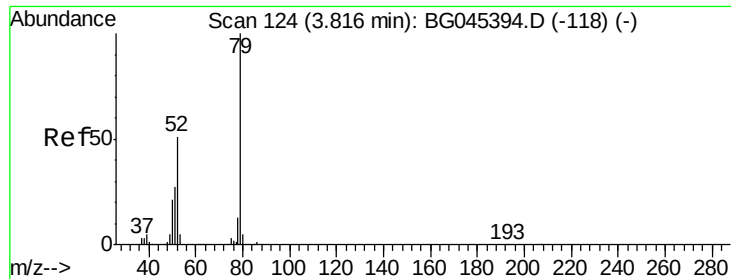
Abundance

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: 32.906 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

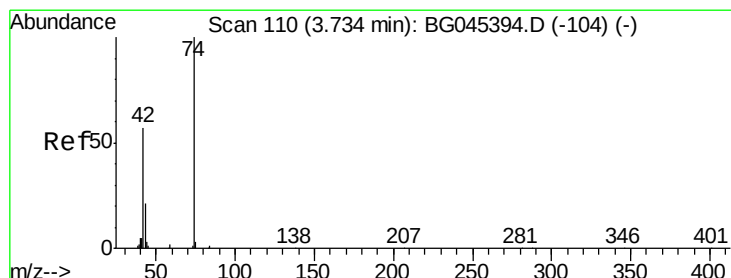
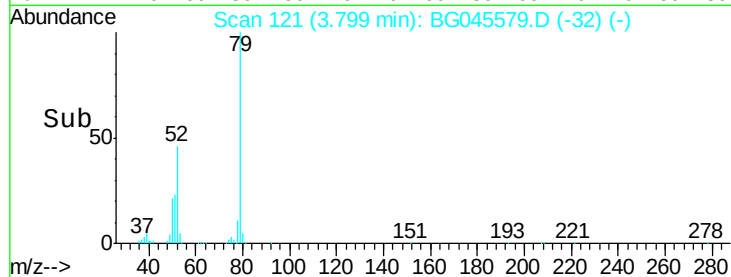
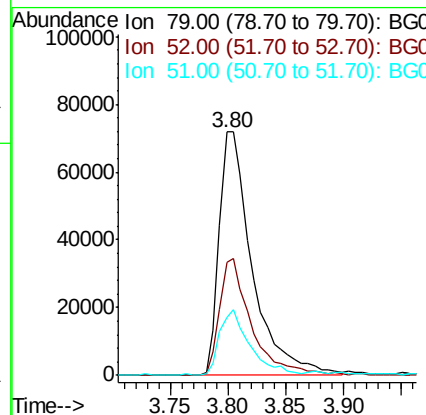
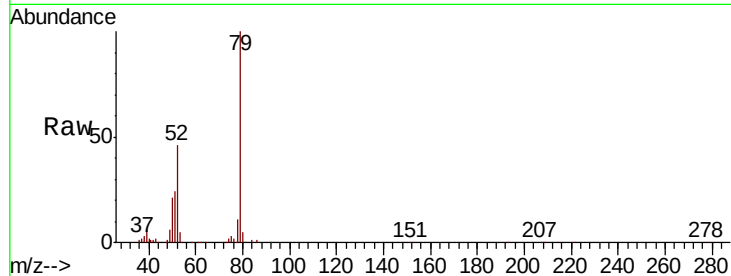
ClientSampleId :

PB129213BS

Tot Ion:	79	Resp:	143035
Ion	Ratio	Lower	Upper
79	100		
52	46.4	40.8	61.2
51	23.6	21.9	32.9

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



#4

n-Nitrosodimethylamine

Concen: 46.302 ng

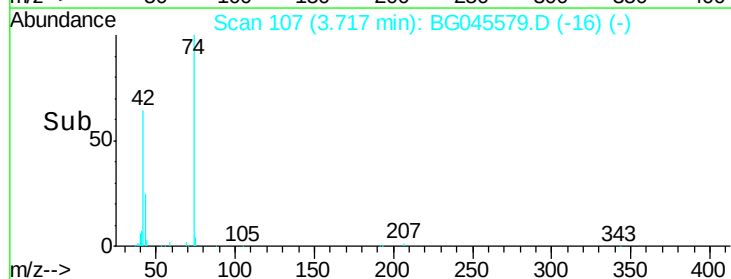
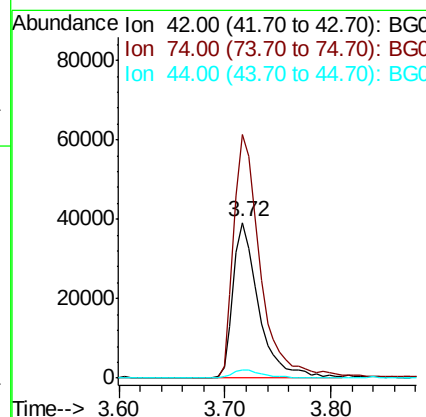
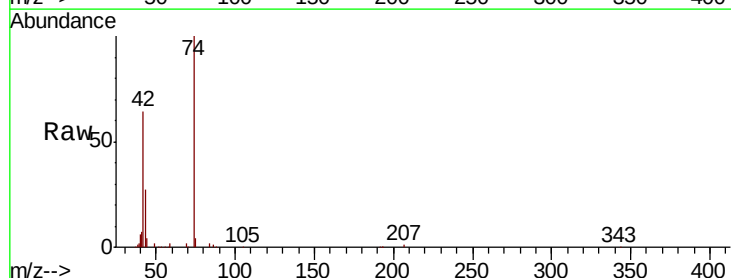
RT: 3.72 min Scan# 107

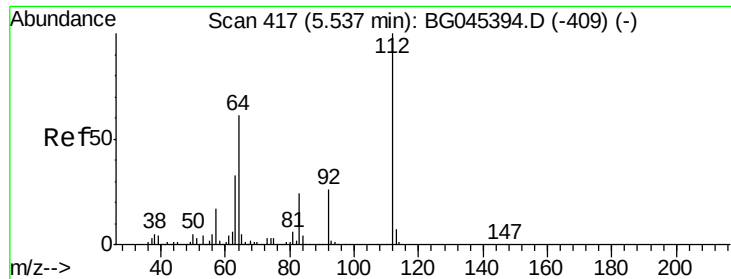
Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Tgt Ion:	42	Resp:	65859
Ion	Ratio	Lower	Upper
42	100		
74	156.4	141.3	211.9
44	5.6	4.2	6.4





#5

2-Fluorophenol

Concen: 147.808 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

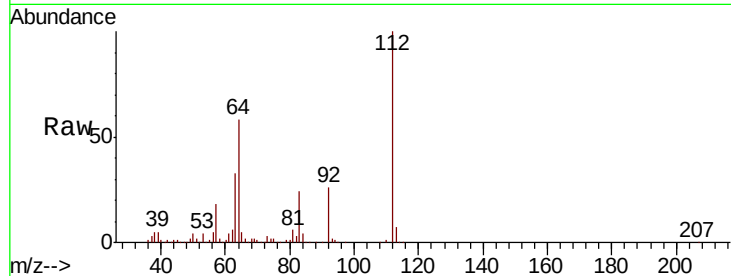
ClientSampleId :

PB129213BS

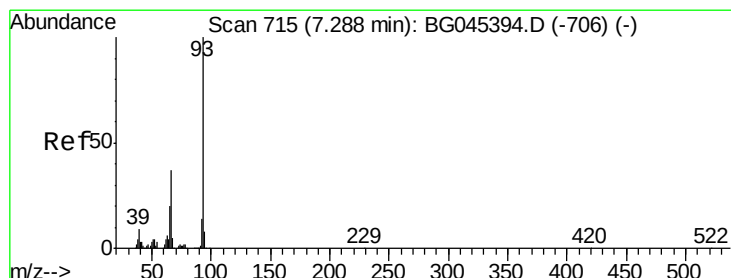
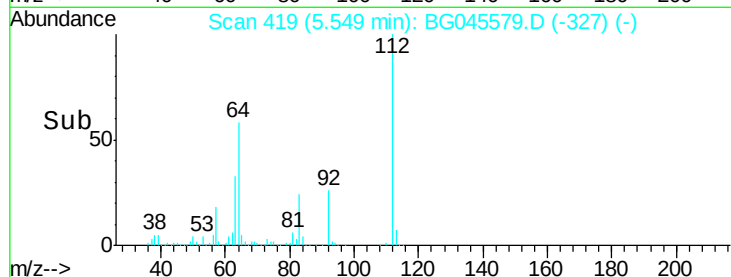
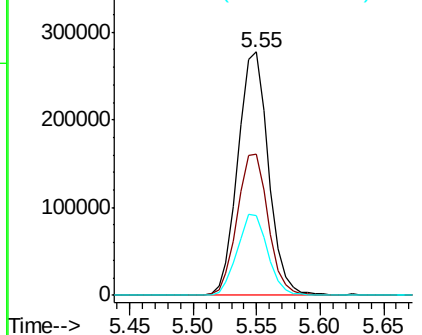
Tot Ion:	112	Resp:	465206
Ion Ratio	Lower	Upper	
112	100		
64	58.0	48.6	72.8
63	32.8	26.5	39.7

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.537 ng

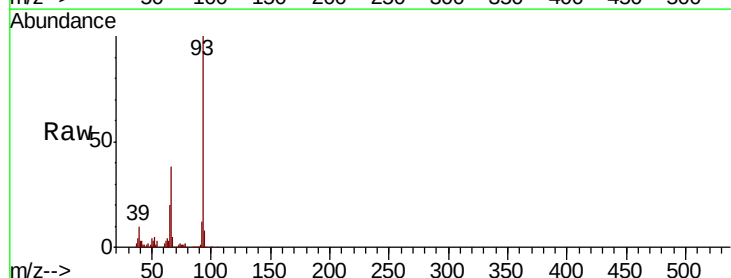
RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

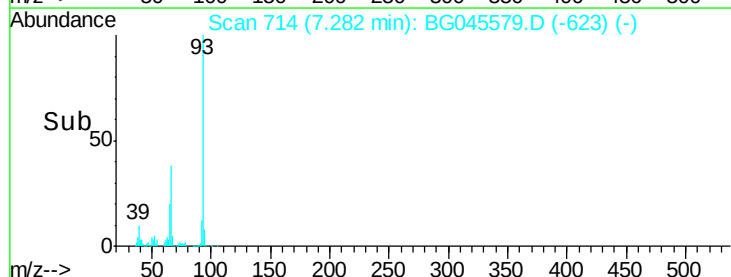
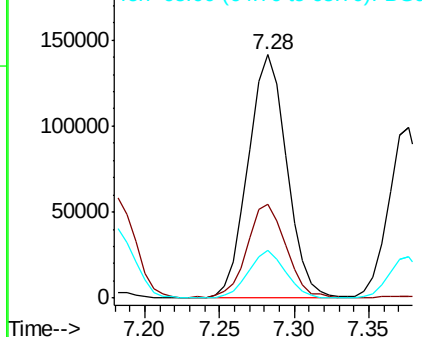
Lab File: BG045579.D

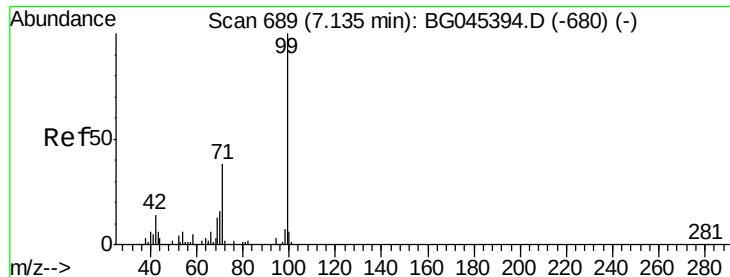
Acq: 3 Jun 2020 13:38

Tgt Ion:	93	Resp:	254598
Ion Ratio	Lower	Upper	
93	100		
66	38.4	29.6	44.4
65	19.6	15.9	23.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.288 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

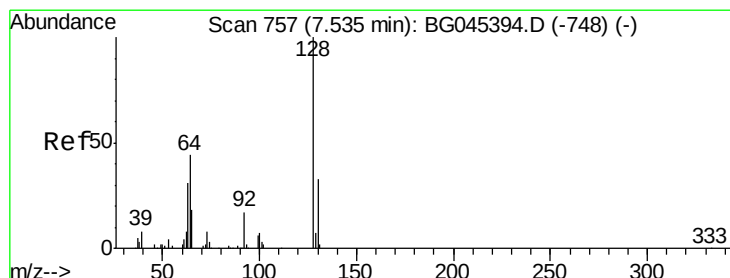
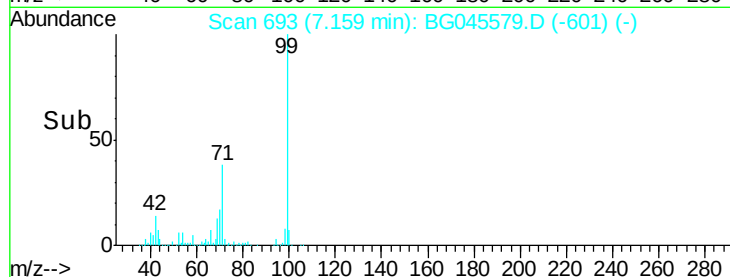
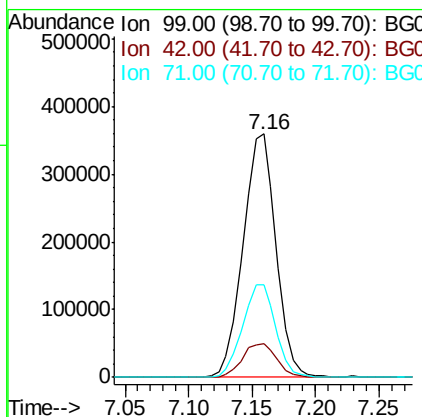
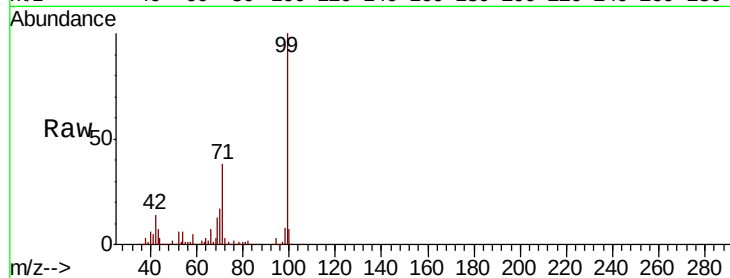
ClientSampleId :

PB129213BS

Tot Ion:	99	Resp:	646362
Ion Ratio	Lower	Upper	
99	100		
42	13.9	11.3	16.9
71	38.2	30.8	46.2

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



#8

2-Chlorophenol

Concen: 50.007 ng

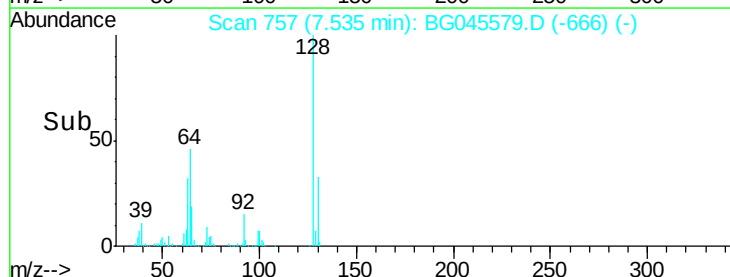
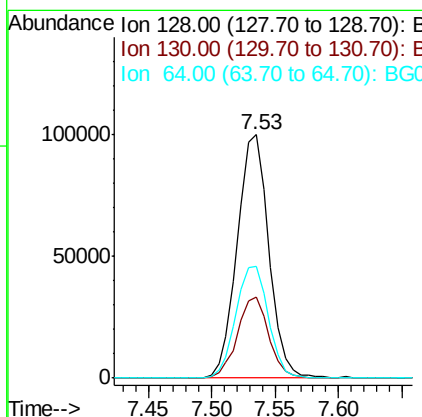
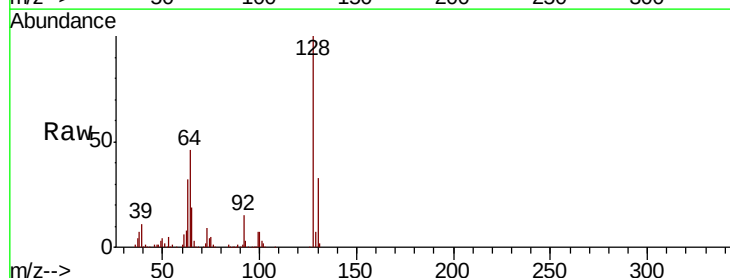
RT: 7.53 min Scan# 757

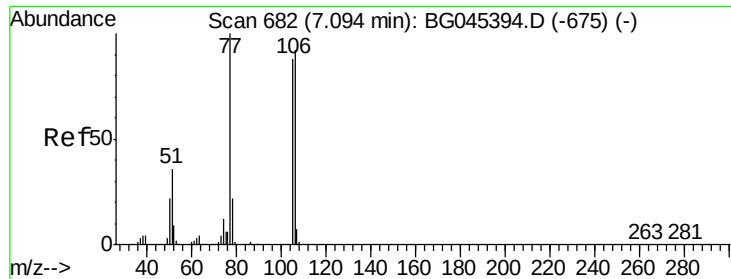
Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Tgt Ion:	128	Resp:	172598
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.6	52.6
64	45.7	27.0	67.0





#9

Benzaldehyde

Concen: 38.905 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

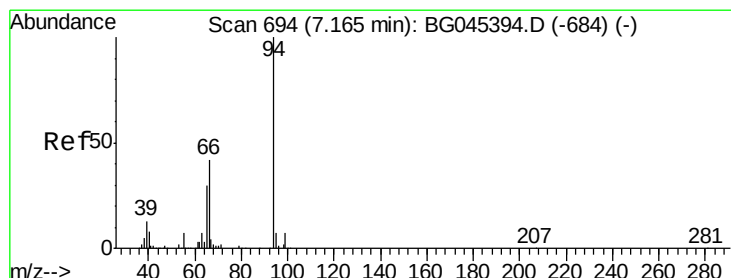
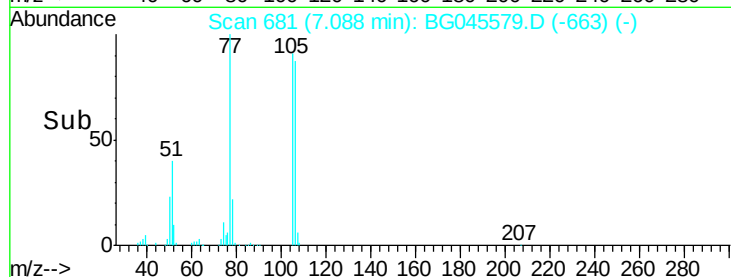
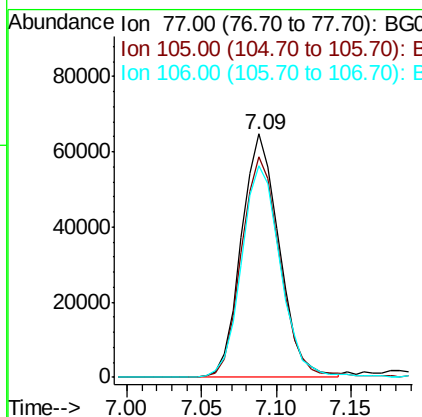
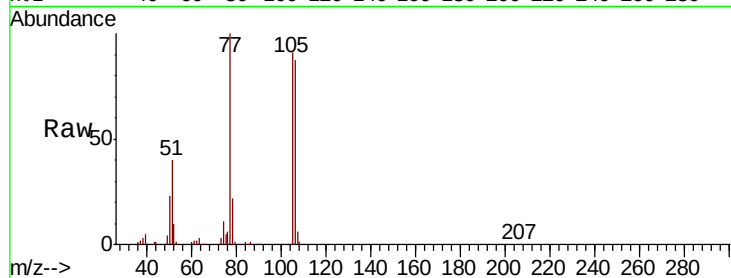
ClientSampleId :

PB129213BS

Tot Ion:	77	Resp:	113549
Ion	Ratio	Lower	Upper
77	100		
105	90.8	68.5	108.5
106	86.9	71.6	111.6

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



#10

Phenol

Concen: 49.440 ng

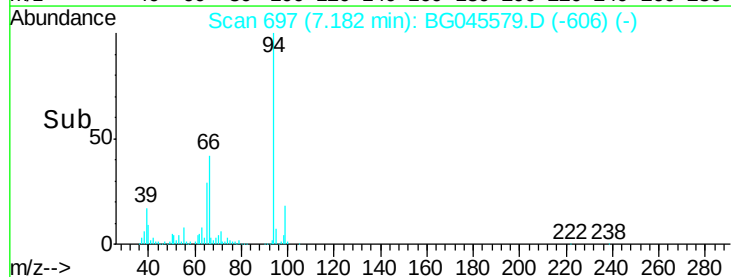
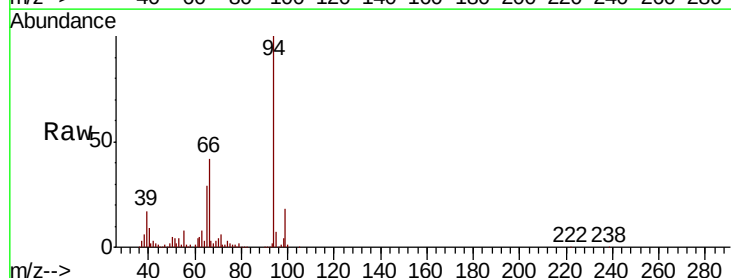
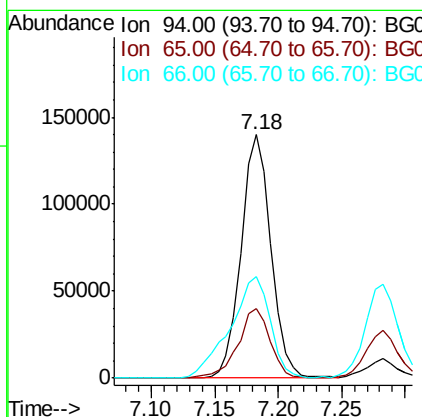
RT: 7.18 min Scan# 697

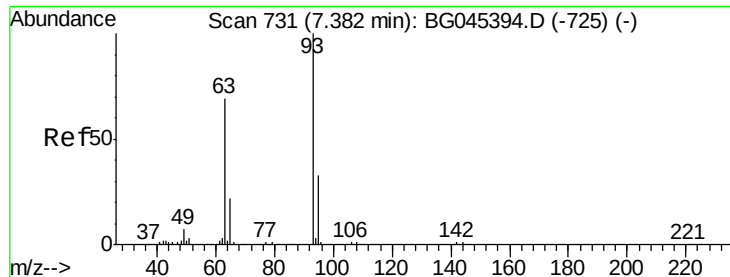
Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Tgt Ion:	94	Resp:	228257
Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.8	49.8
66	41.8	22.0	62.0





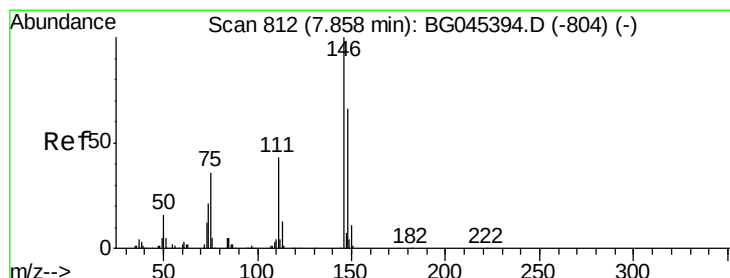
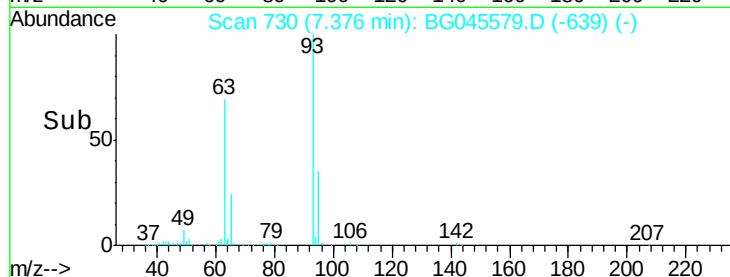
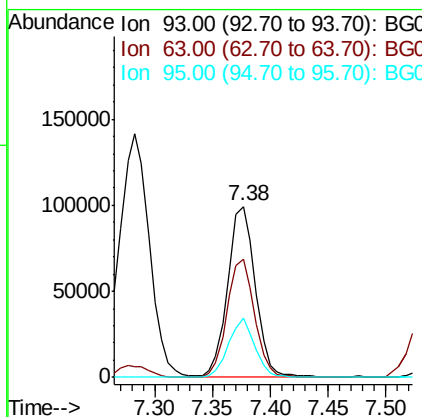
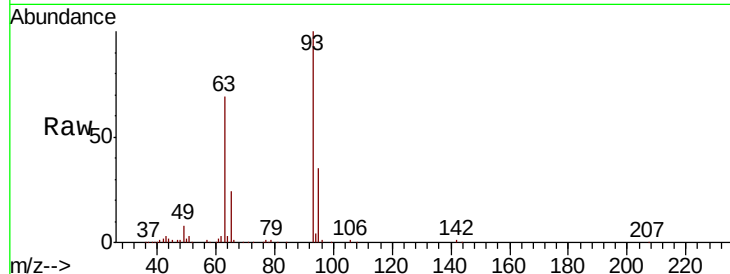
#11
bis(2-Chloroethyl)ether
Concen: 45.404 ng
RT: 7.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	163510		
63	68.7		48.4	88.4
95	34.7		12.4	52.4

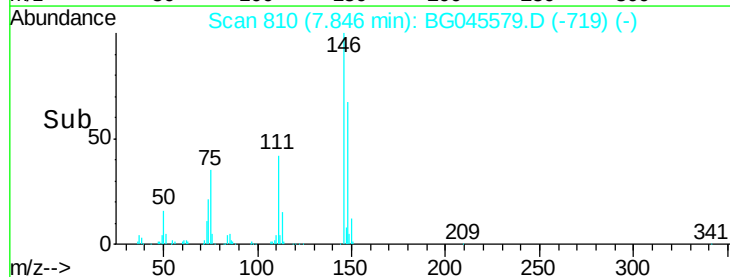
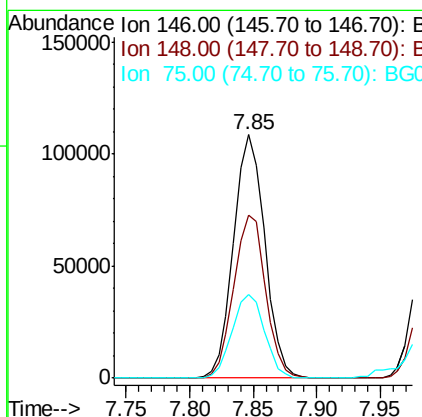
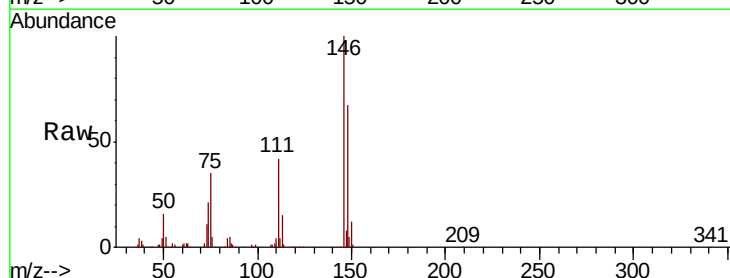
Manual Integrations
APPROVED

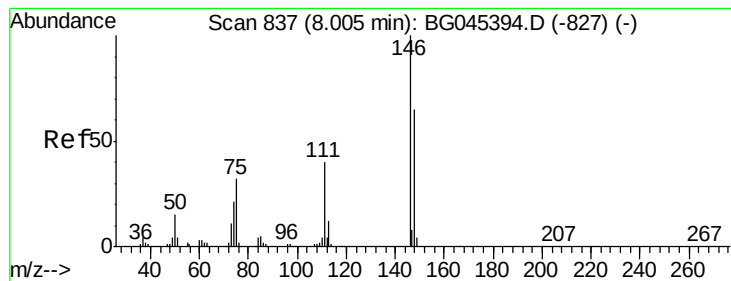
mohammad
6/4/2020 12:11:13 PM



#12
1,3-Dichlorobenzene
Concen: 44.808 ng
RT: 7.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	185850		
148	66.7		53.2	79.8
75	34.5		28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 46.135 ng

RT: 7.99 min Scan# 835

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

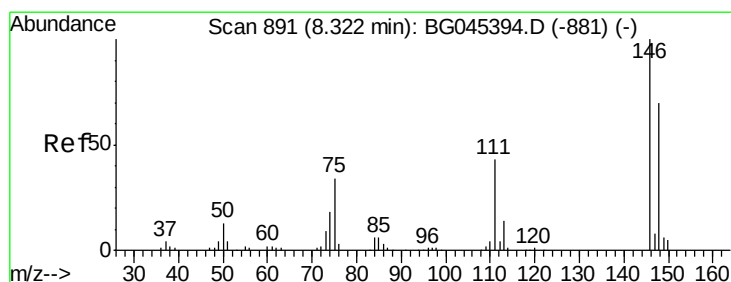
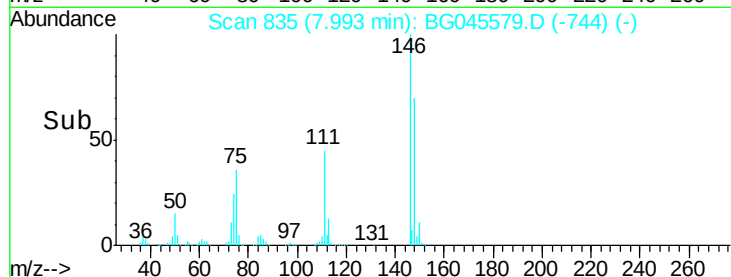
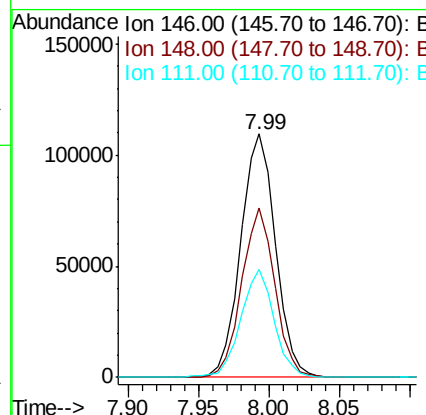
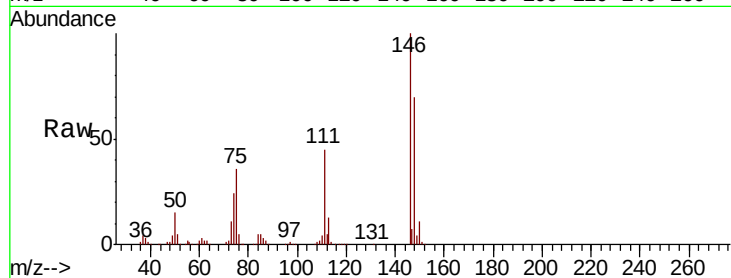
ClientSampleId :

PB129213BS

Tot Ion:	146	Resp:	188841
Ion Ratio	Lower	Upper	
146	100		
148	69.8	51.8	77.8
111	44.6	32.1	48.1

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



#14

1,2-Dichlorobenzene

Concen: 44.835 ng

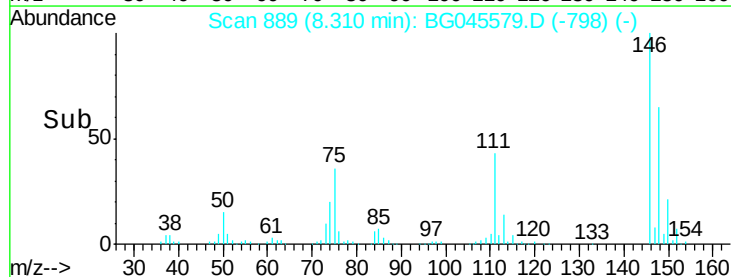
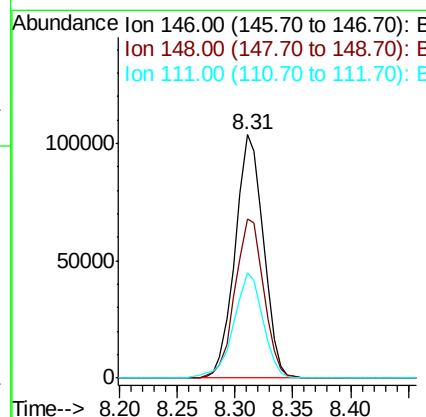
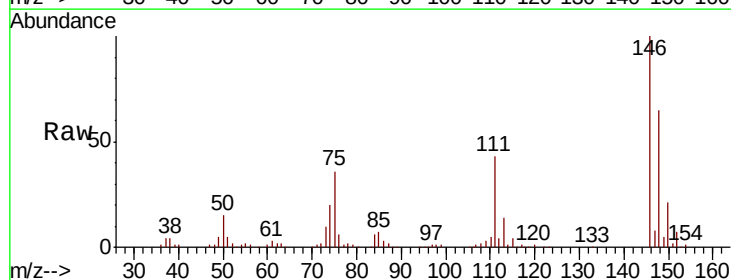
RT: 8.31 min Scan# 889

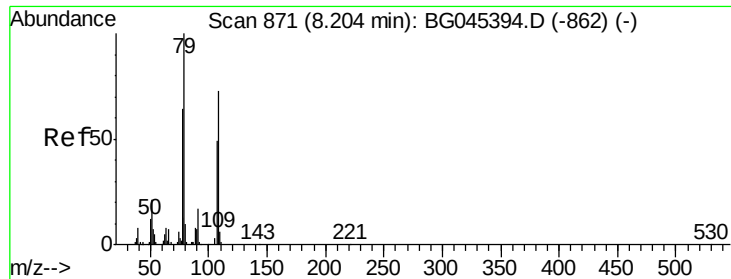
Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Tgt Ion:	146	Resp:	176509
Ion Ratio	Lower	Upper	
146	100		
148	65.4	55.9	83.9
111	43.2	35.0	52.4





#15

Benzyl Alcohol

Concen: 47.978 ng

RT: 8.20 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

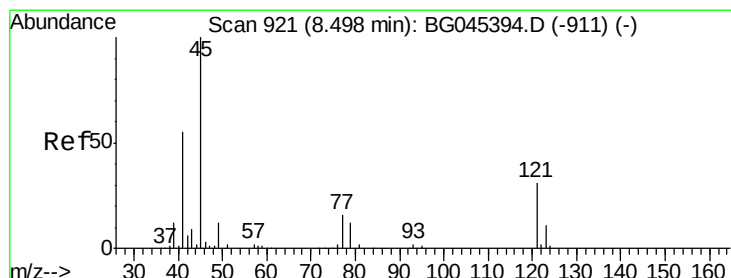
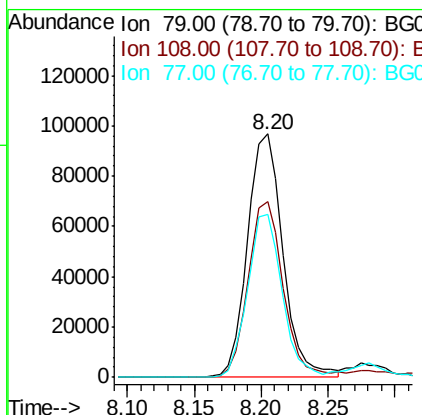
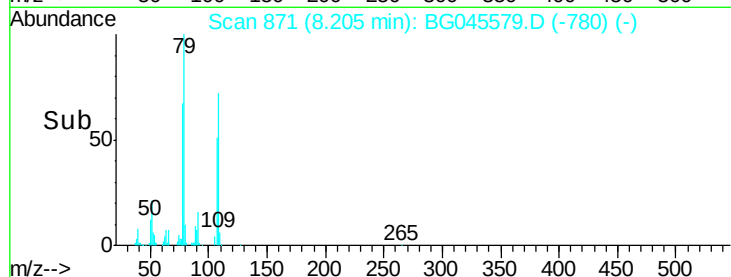
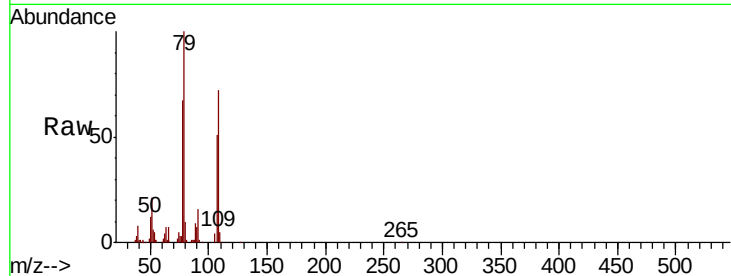
ClientSampleId :

PB129213BS

Tot Ion:	79	Resp:	177549
Ion	Ratio	Lower	Upper
79	100		
108	72.0	58.2	87.4
77	67.1	51.0	76.4

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.345 ng

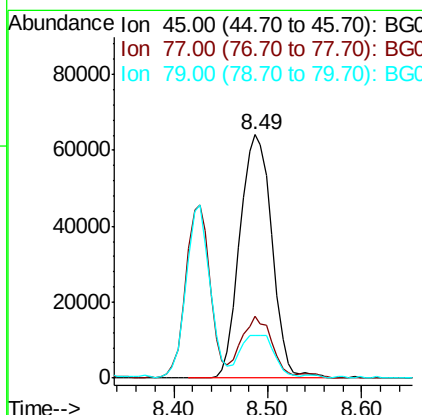
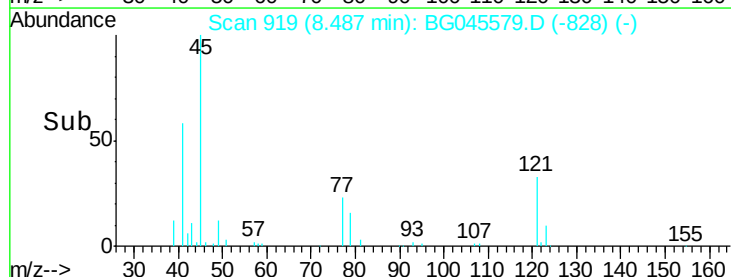
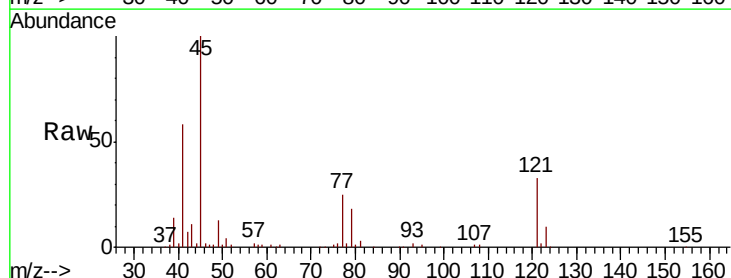
RT: 8.49 min Scan# 919

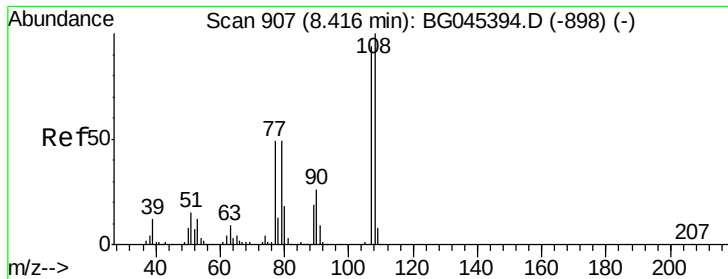
Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Tgt Ion:	45	Resp:	151588
Ion	Ratio	Lower	Upper
45	100		
77	25.2	4.0	44.0
79	17.7	0.0	38.6





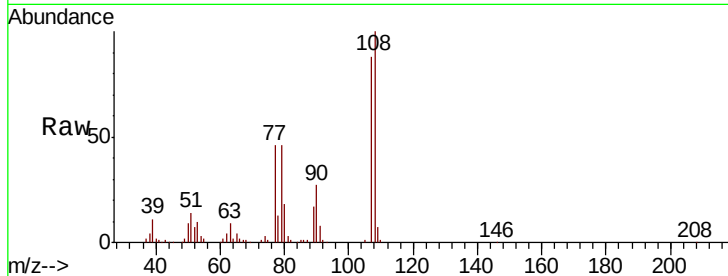
#17
2-Methylphenol
Concen: 44.620 ng
RT: 8.43 min Scan# 909
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	85.2	127.8	
77	51.8	41.6	62.4	
79	51.6	41.8	62.8	

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



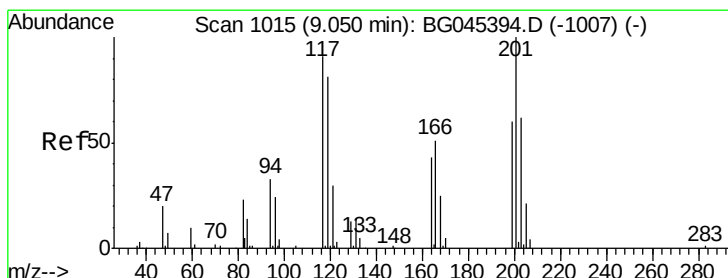
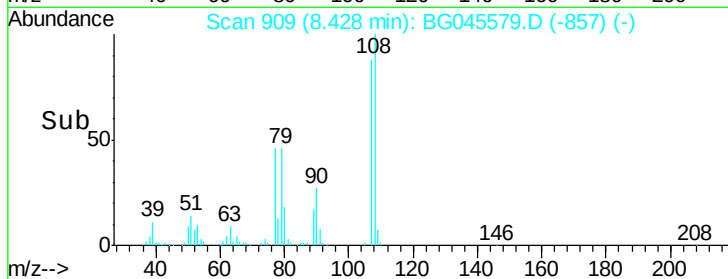
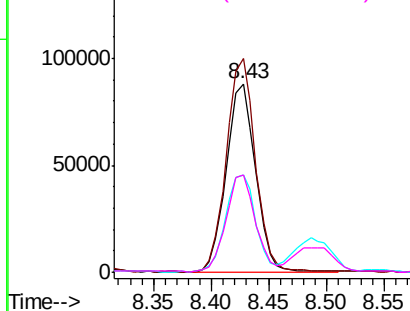
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

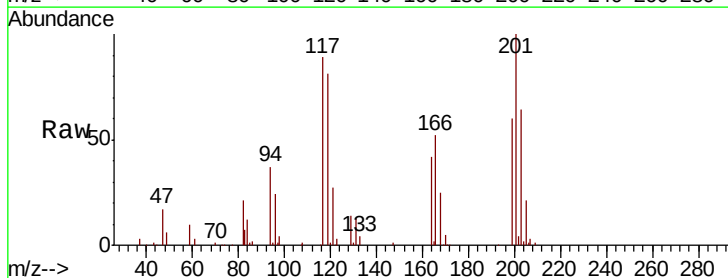
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 47.145 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.1	71.3	106.9	
201	112.4	87.5	131.3	

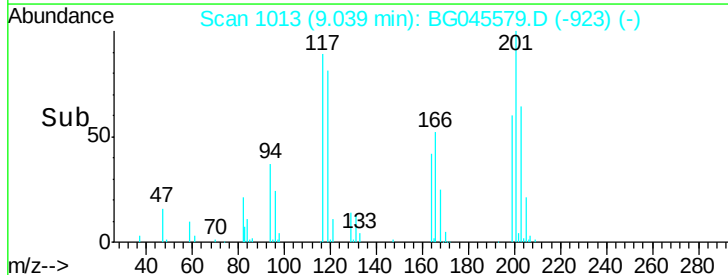
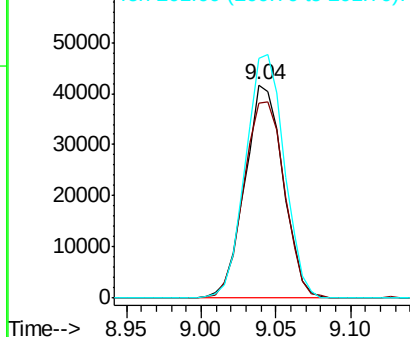


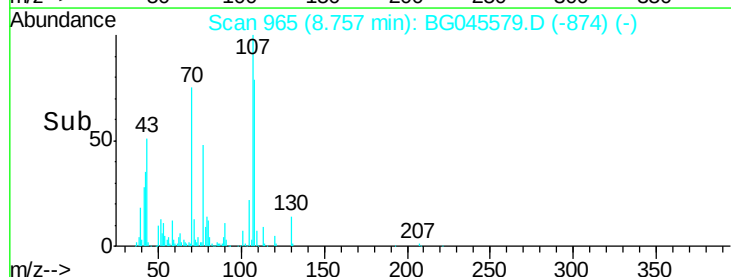
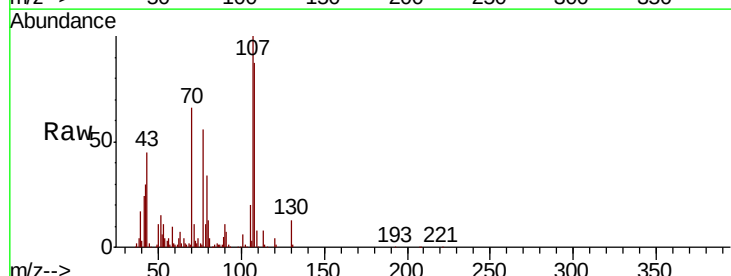
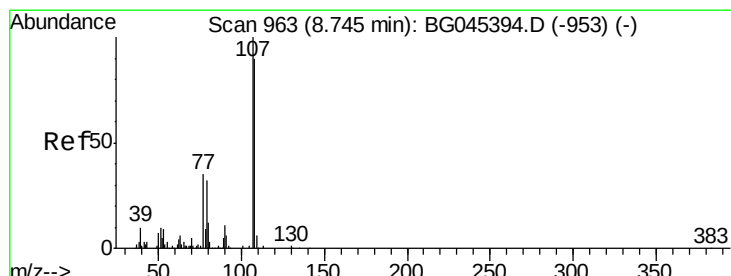
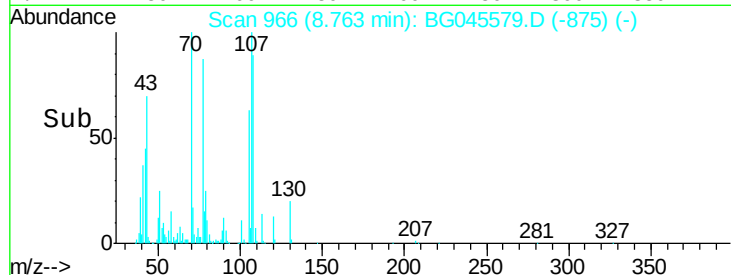
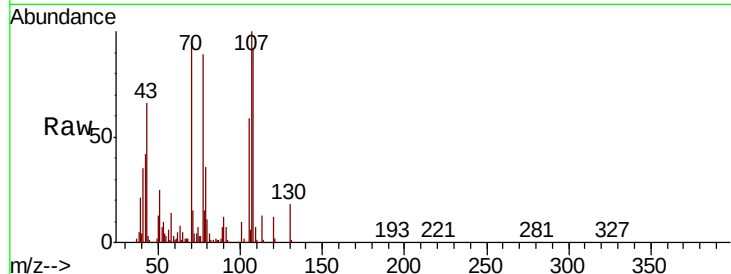
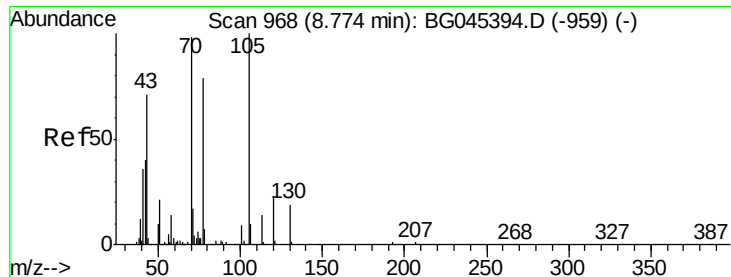
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

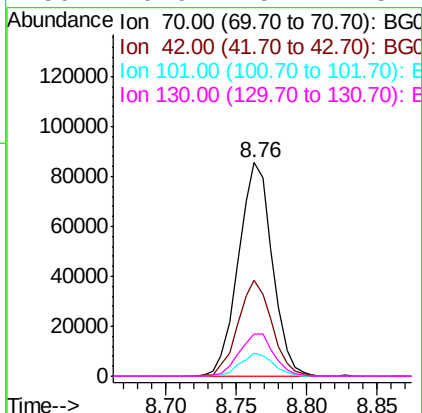
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 46.301 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	44.7	33.2	49.8		
101	10.7	7.8	11.6		
130	19.6	15.4	23.2		



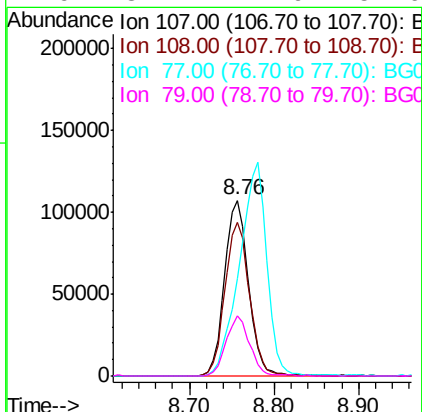
Instrument :
BNA_G
ClientSampleId :
PB129213BS

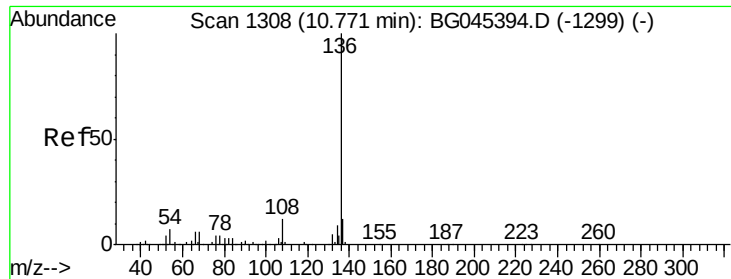
Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM

#20
3+4-Methylphenols
Concen: 44.535 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.3	70.3	110.3		
77	55.8	15.4	55.4#		
79	34.1	12.6	52.6		





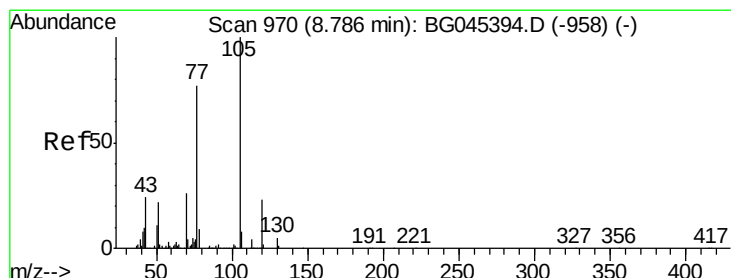
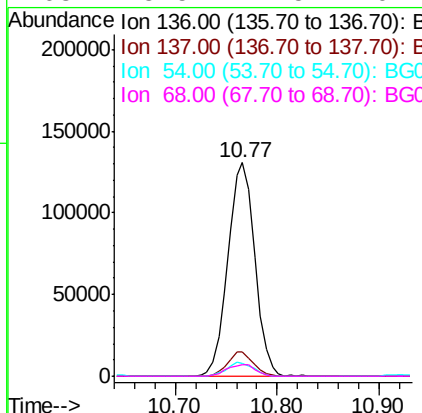
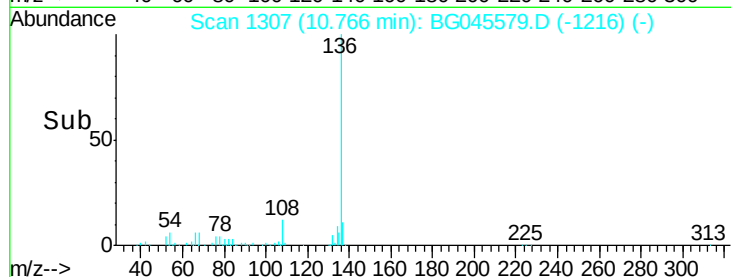
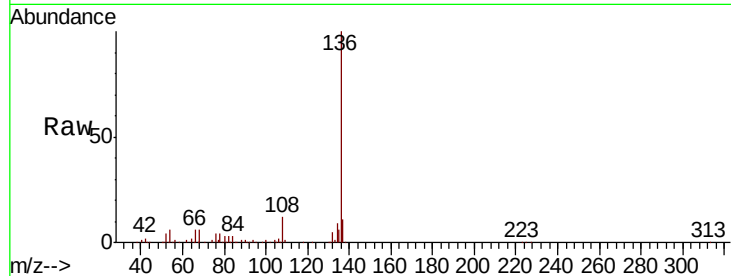
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		239923		
137	11.2		9.4	14.2	
54	6.2		5.8	8.6	
68	5.5		4.5	6.7	

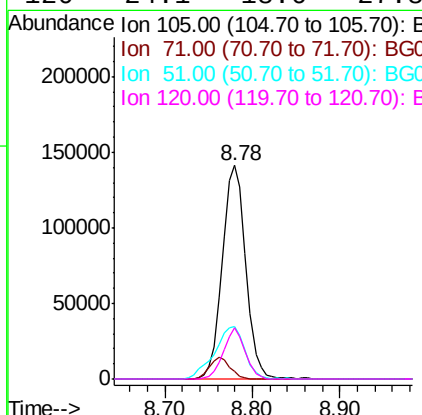
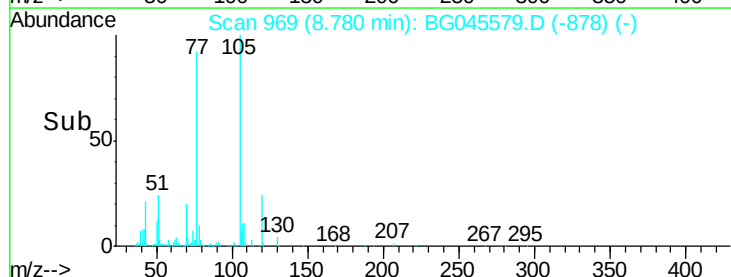
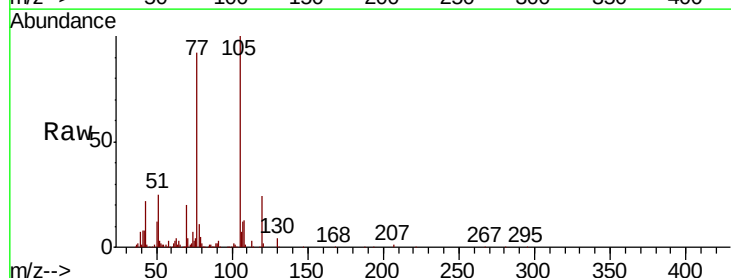
Manual Integrations
APPROVED

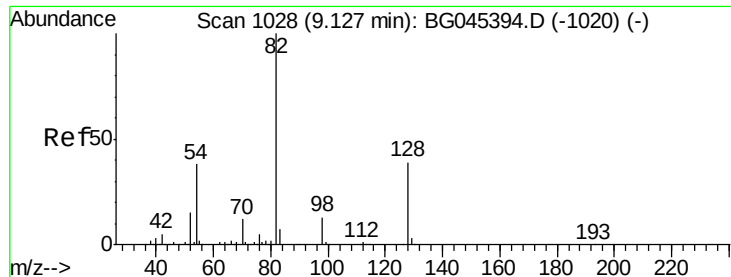
mohammad
6/4/2020 12:11:13 PM



#22
Acetophenone
Concen: 46.100 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		262146		
71	3.8		3.4	5.0	
51	24.5		18.2	27.2	
120	24.1		18.6	27.8	





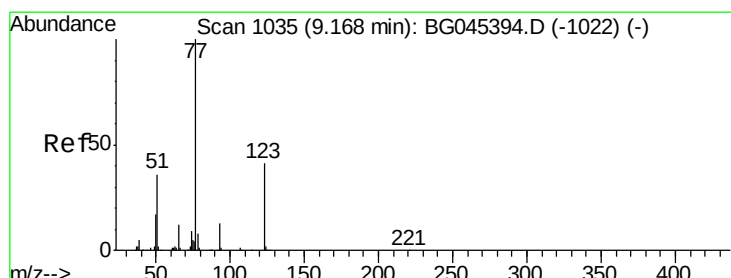
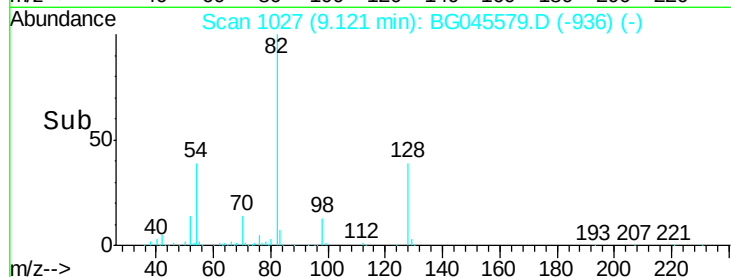
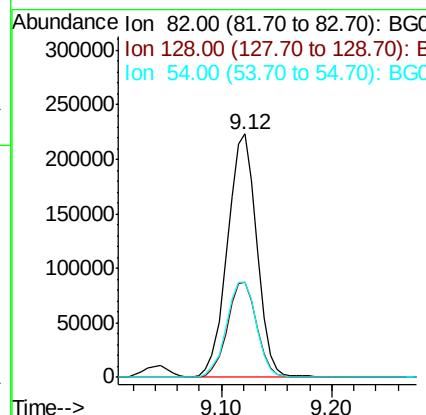
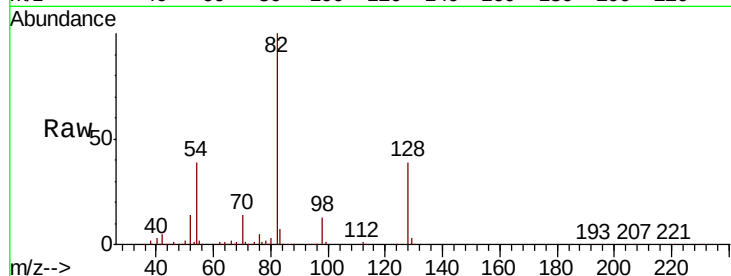
#23
Nitrobenzene-d5
Concen: 94.425 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.9	46.3
54	38.9	30.3	45.5

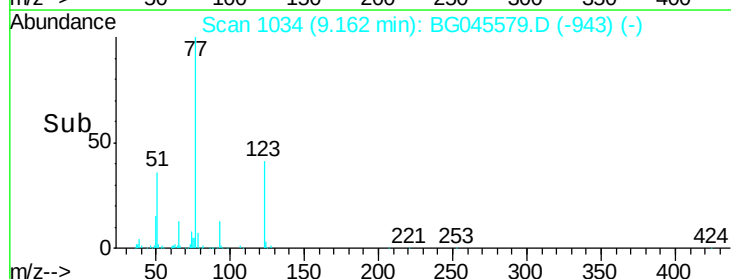
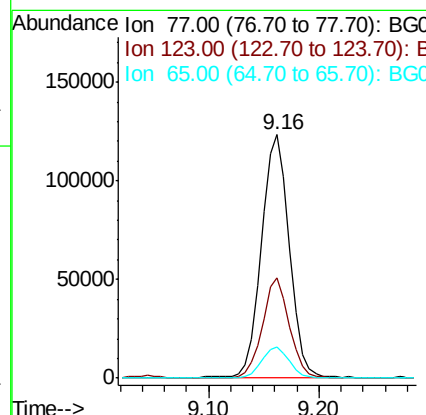
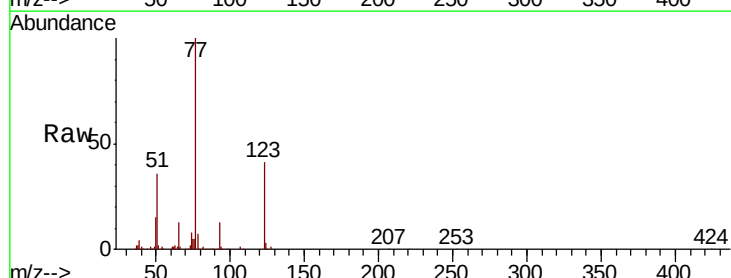
Manual Integrations
APPROVED

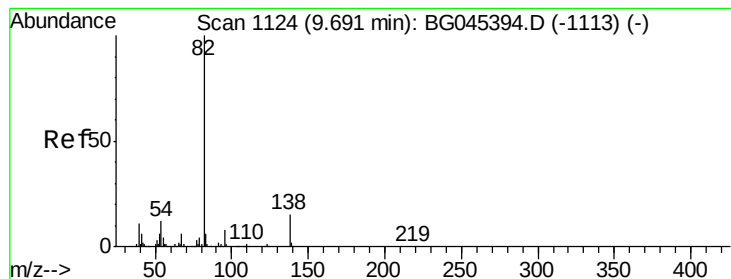
mohammad
6/4/2020 12:11:13 PM



#24
Nitrobenzene
Concen: 46.611 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	32.9	49.3
65	12.8	9.4	14.2





#25

Isophorone

Concen: 45.827 ng

RT: 9.68 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

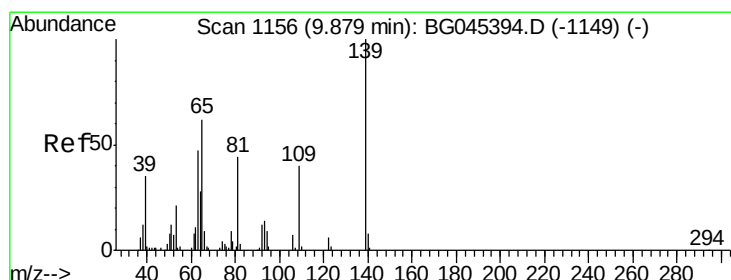
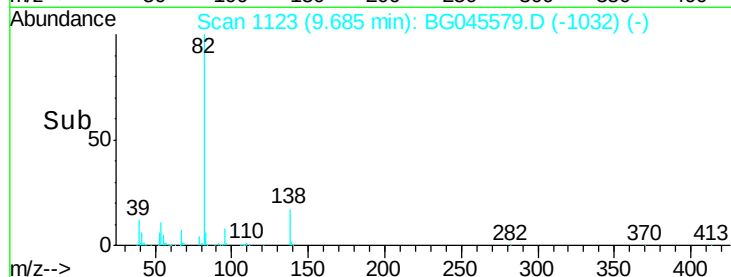
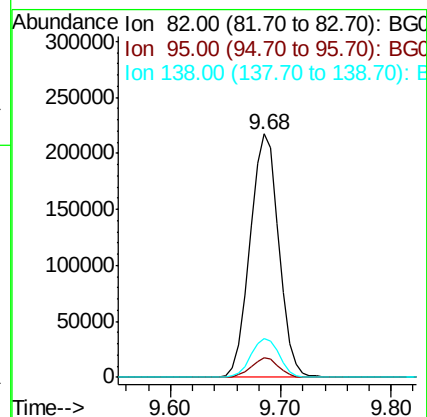
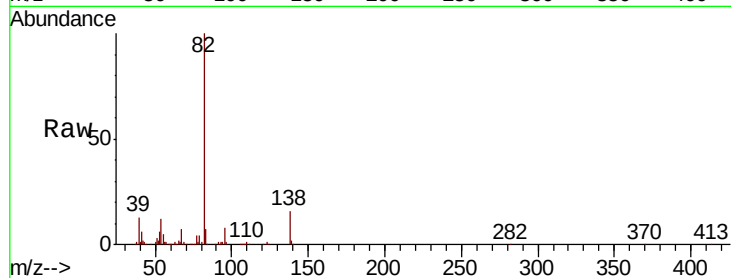
ClientSampleId :

PB129213BS

Tot Ion:	82	Resp:	397081
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.7	10.1
138	15.9	12.2	18.4

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



#26

2-Nitrophenol

Concen: 47.908 ng

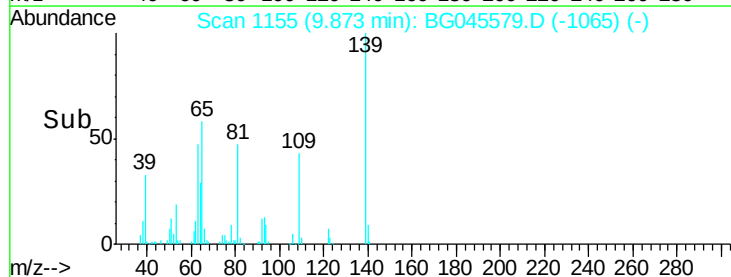
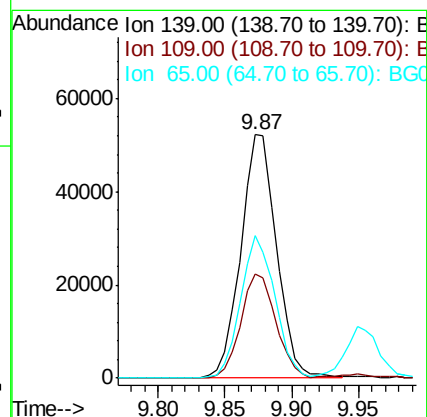
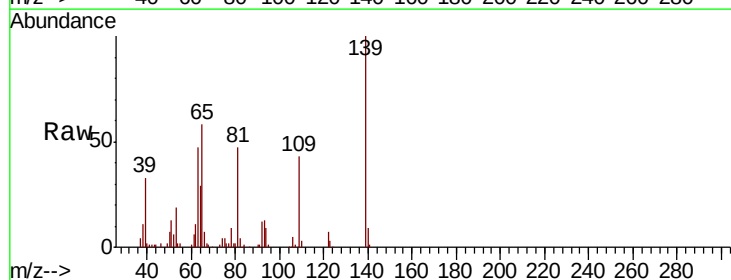
RT: 9.87 min Scan# 1155

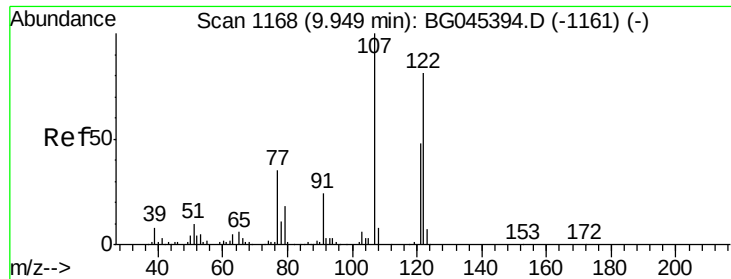
Delta R.T. 0.00 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Tgt Ion:	139	Resp:	96607
Ion Ratio	Lower	Upper	
139	100		
109	43.0	32.2	48.4
65	58.4	49.6	74.4





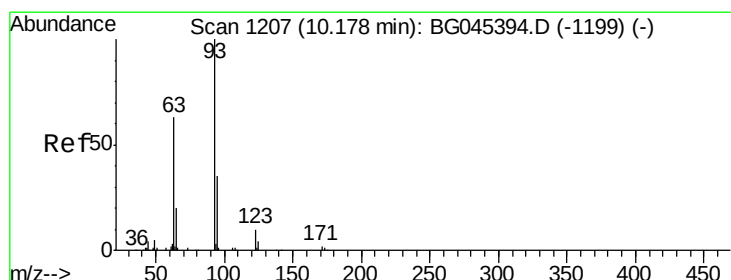
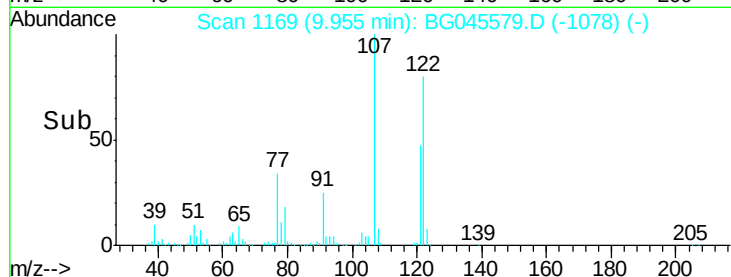
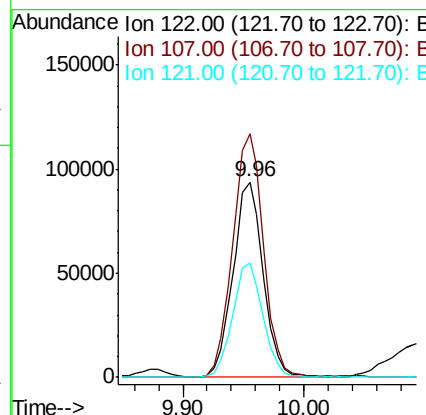
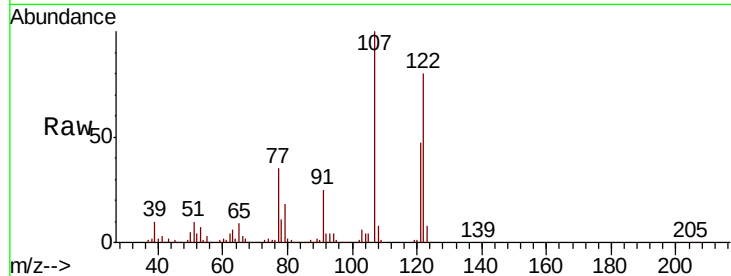
#27
2,4-Dimethylphenol
Concen: 54.224 ng
RT: 9.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	162173		
107	124.8	99.0	148.4	
121	58.4	47.7	71.5	

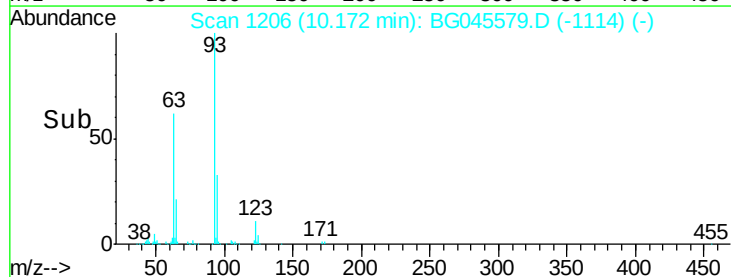
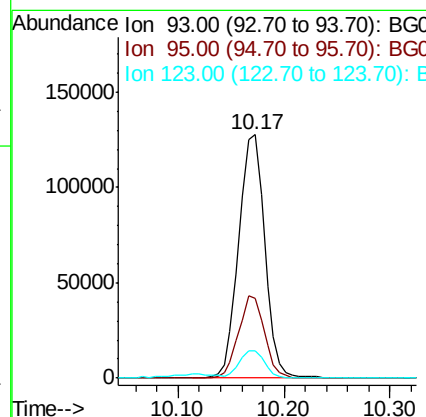
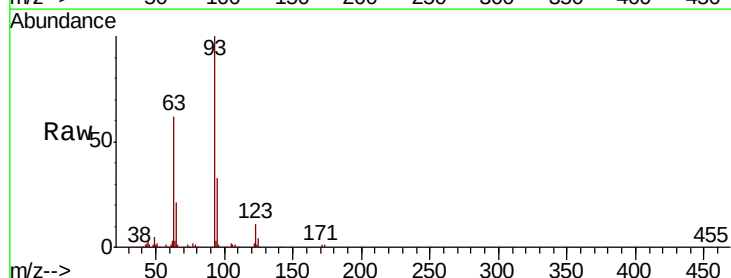
Manual Integrations
APPROVED

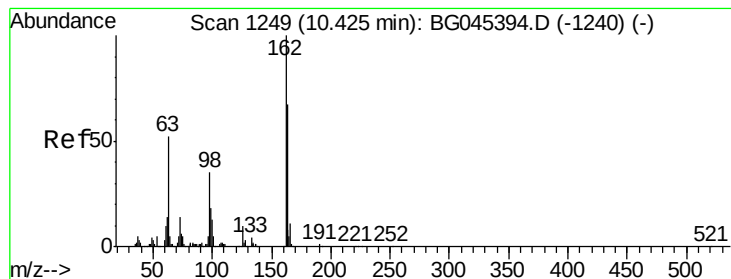
mohammad
6/4/2020 12:11:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.213 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	219085		
95	32.9	27.6	41.4	
123	11.2	8.1	12.1	





#29

2,4-Dichlorophenol

Concen: 49.815 ng

RT: 10.43 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

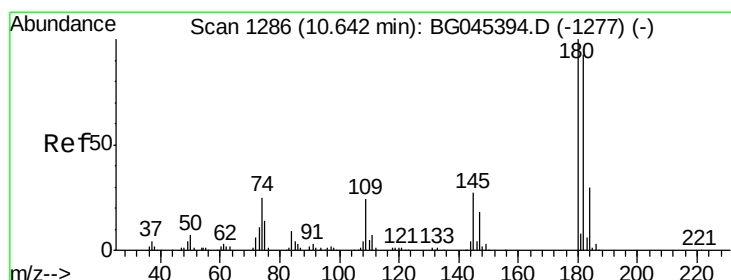
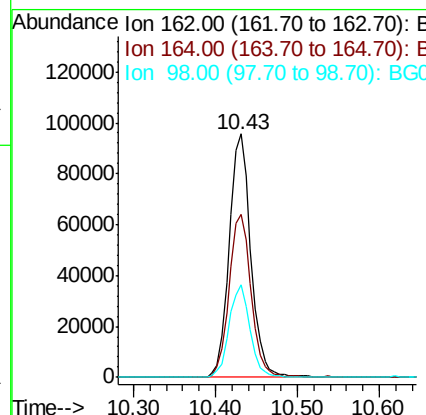
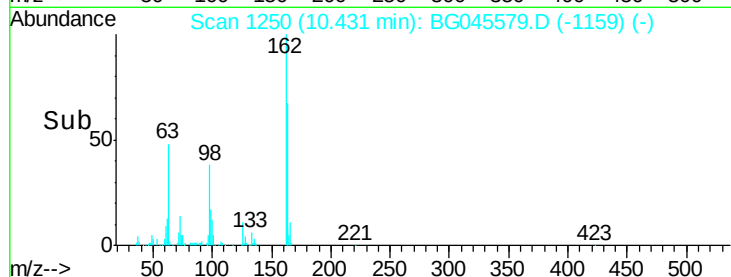
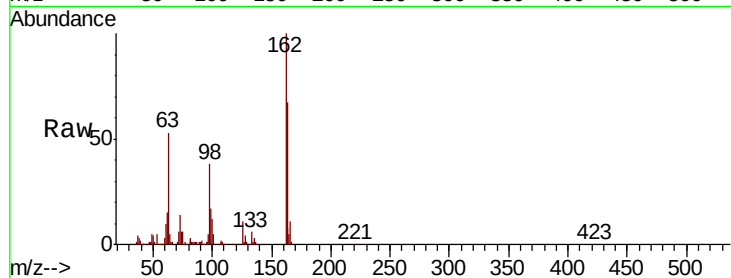
ClientSampleId :

PB129213BS

Tot Ion:	162	Resp:	175935
Ion Ratio	Lower	Upper	
162	100		
164	66.9	46.8	86.8
98	38.0	15.2	55.2

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



#30

1,2,4-Trichlorobenzene

Concen: 47.661 ng

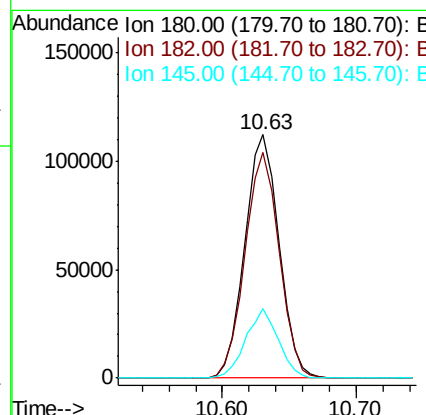
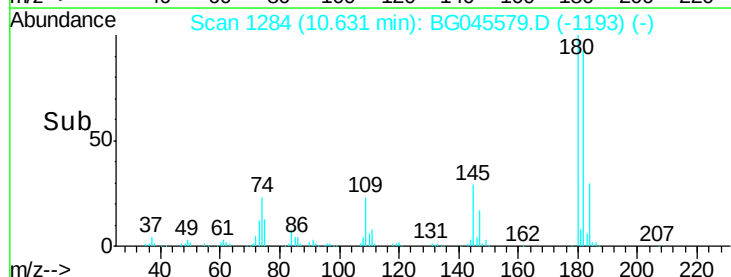
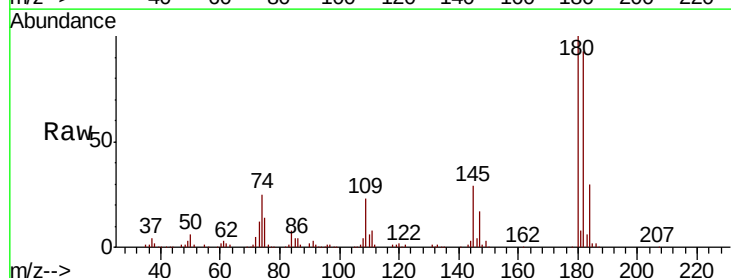
RT: 10.63 min Scan# 1284

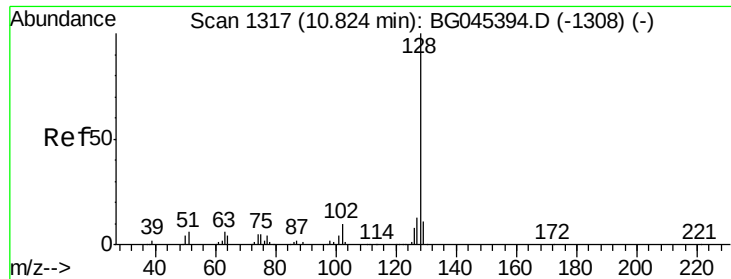
Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Tgt Ion:	180	Resp:	198903
Ion Ratio	Lower	Upper	
180	100		
182	92.7	74.8	112.2
145	28.5	21.9	32.9





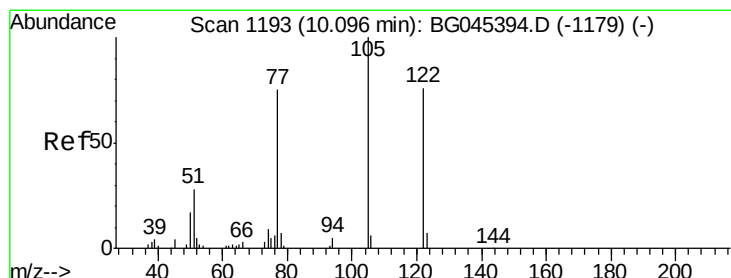
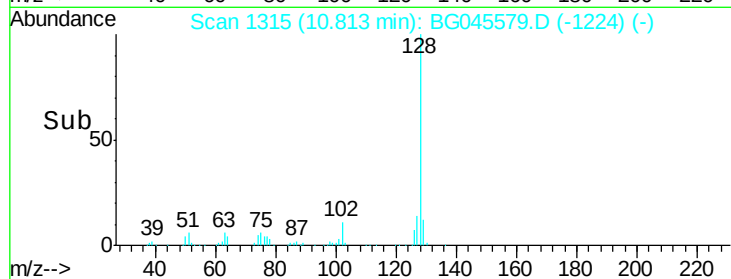
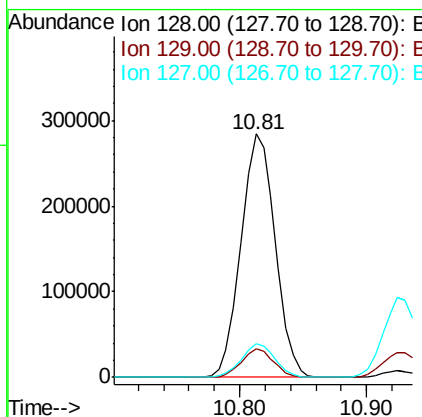
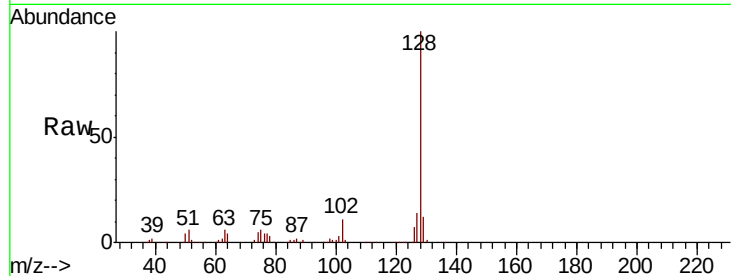
#31
Naphthalene
Concen: 47.608 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	532269		
129	11.6		9.0	13.6
127	14.1		10.7	16.1

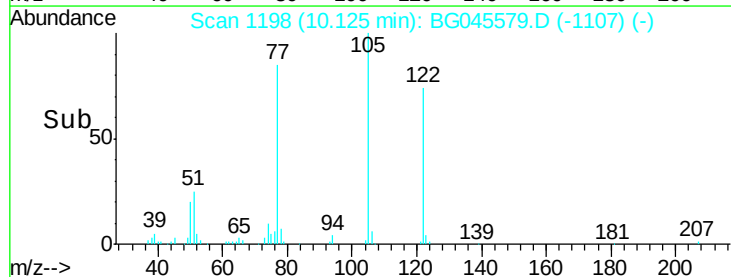
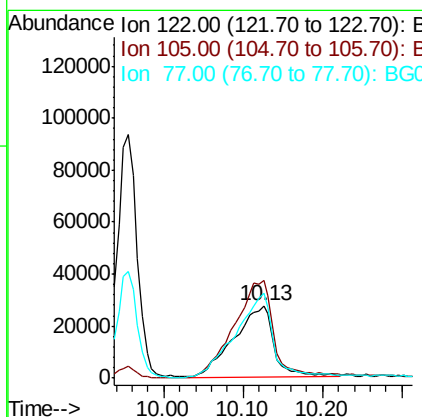
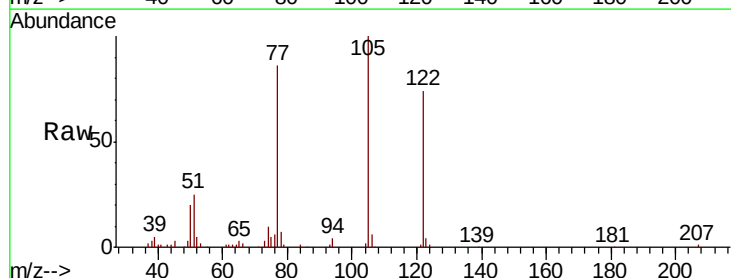
Manual Integrations
APPROVED

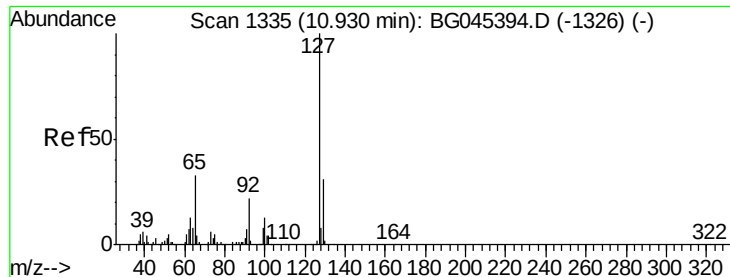
mohammad
6/4/2020 12:11:13 PM



#32
Benzoic acid
Concen: 47.541 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	96455		
105	135.2		107.9	147.9
77	116.4		78.9	118.9





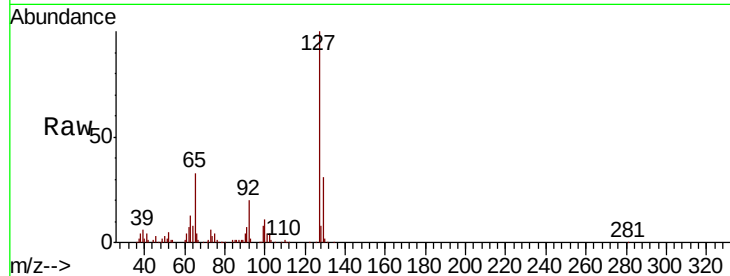
#33
4-Chloroaniline
Concen: 39.404 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

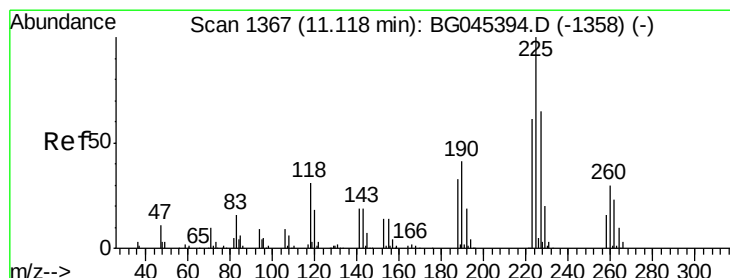
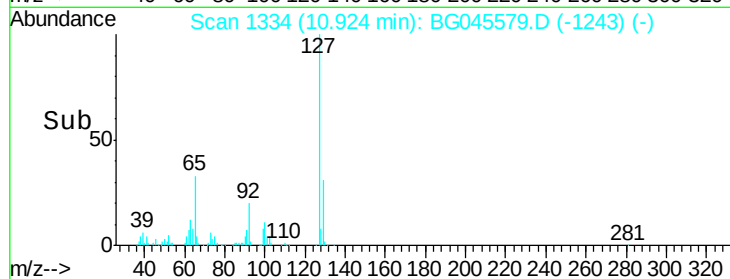
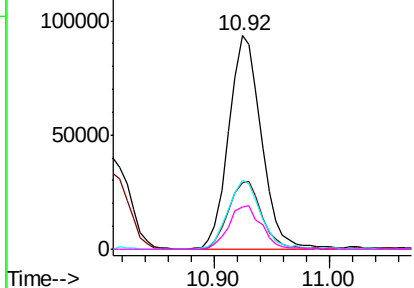
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	24.7	37.1		
65	32.5	26.2	39.2		
92	19.7	17.9	26.9		

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



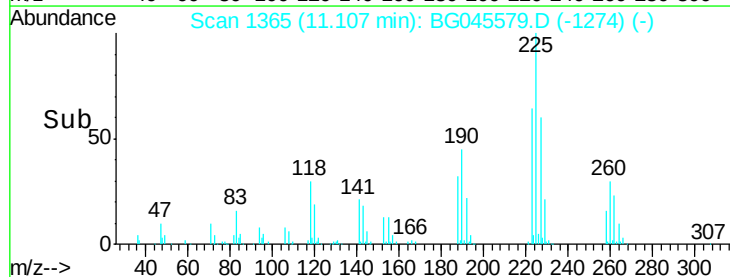
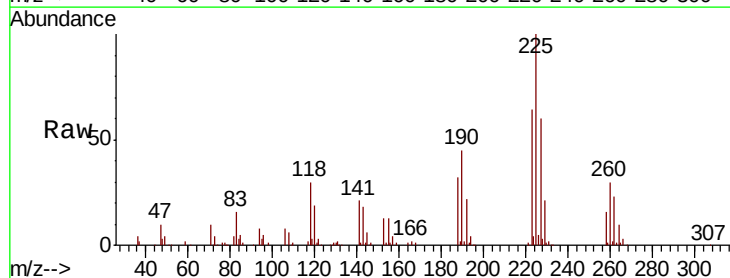
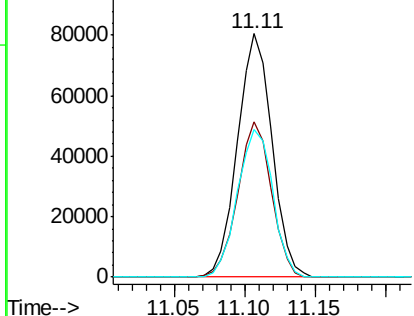
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

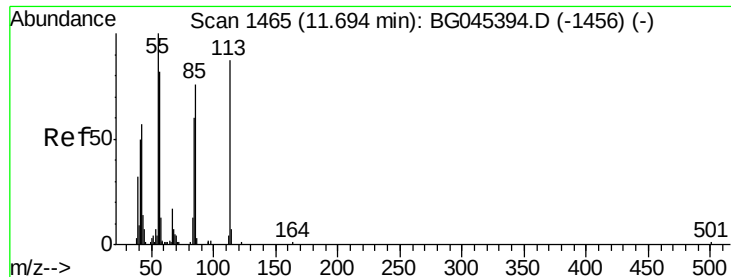


#34
Hexachlorobutadiene
Concen: 46.760 ng
RT: 11.11 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	49.1	73.7		
227	60.4	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: 50.391 ng/ml

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

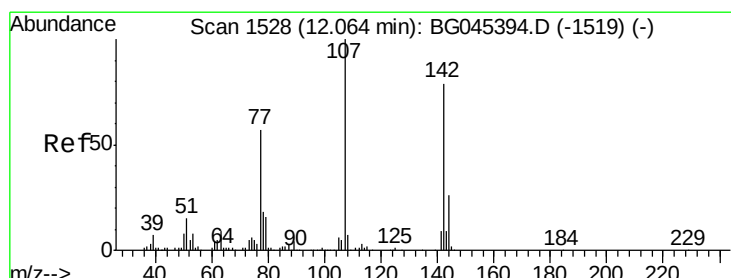
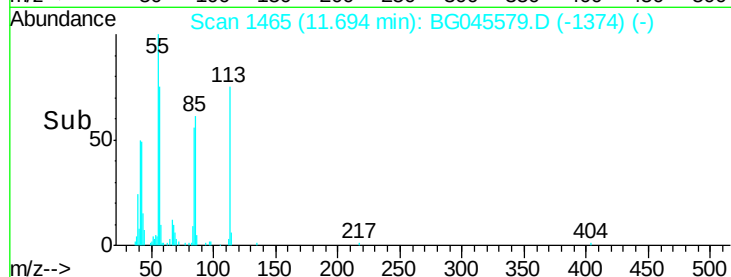
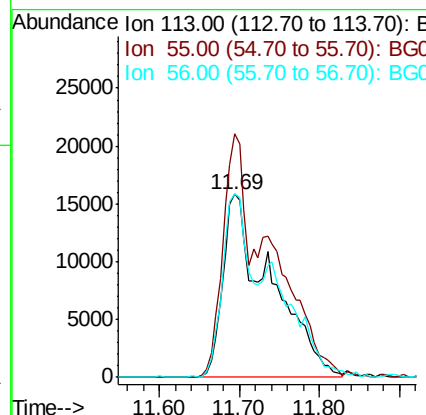
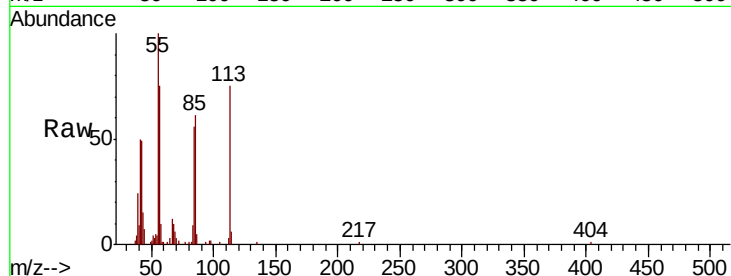
ClientSampled :

PB129213BS

Tot Ion:	113	Resp:	65324
Ion	Ratio	Lower	Upper
113	100		
55	132.8	96.0	136.0
56	100.0	75.1	115.1

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



#36

4-Chloro-3-methylphenol

Concen: 50.933 ng/ml

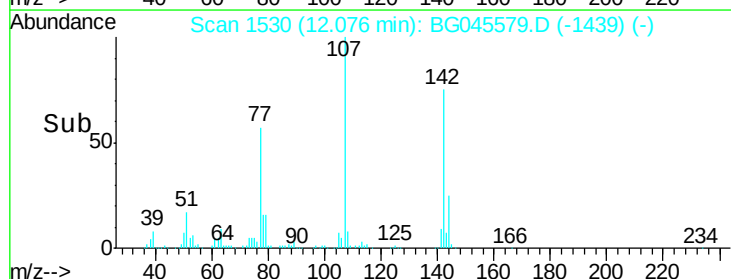
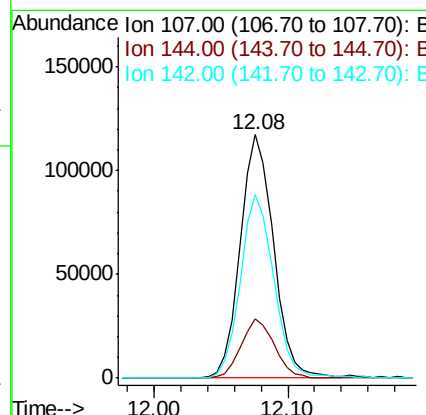
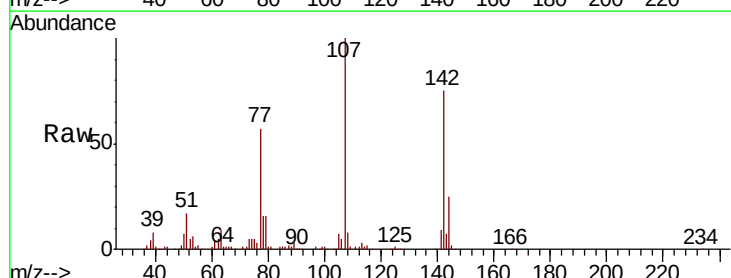
RT: 12.08 min Scan# 1530

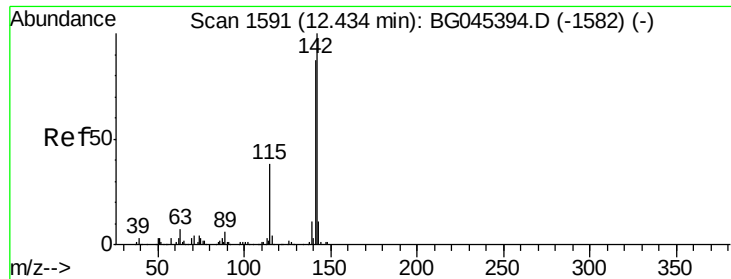
Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Tgt Ion:	107	Resp:	202698
Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.8	31.2
142	75.4	62.8	94.2





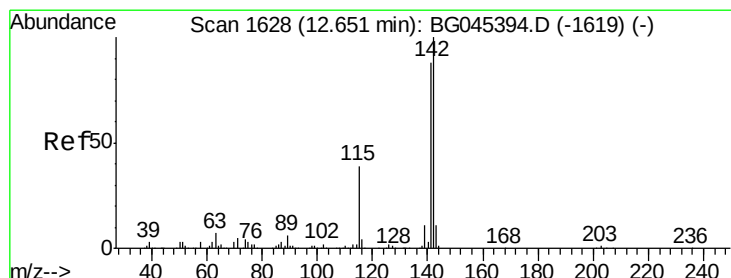
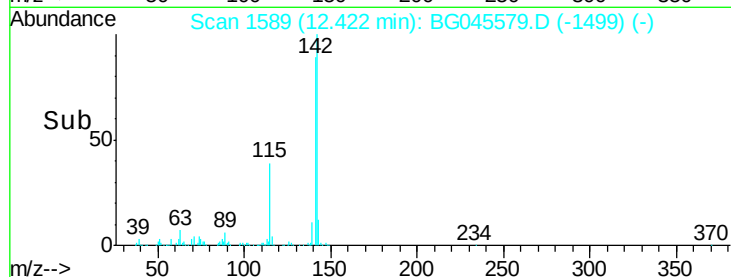
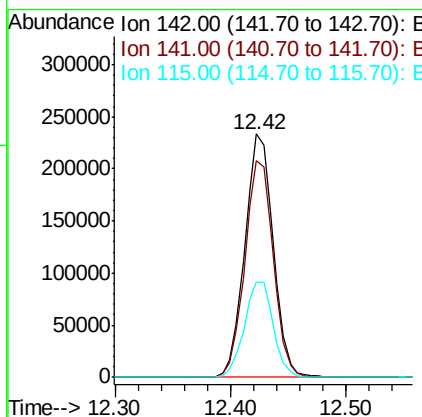
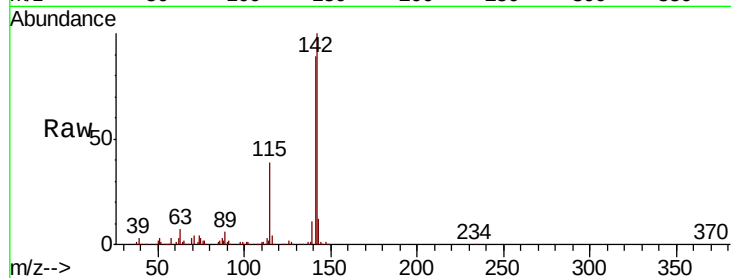
#37
2-Methylnaphthalene
Concen: 47.807 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.0	105.0
115	39.3	30.8	46.2

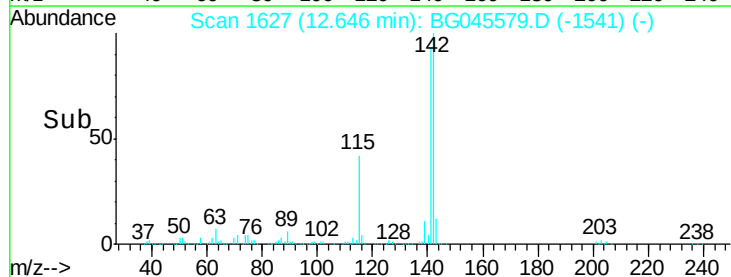
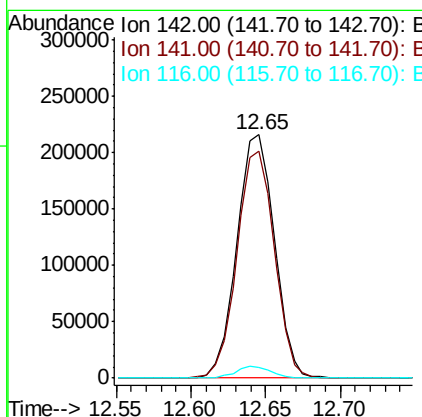
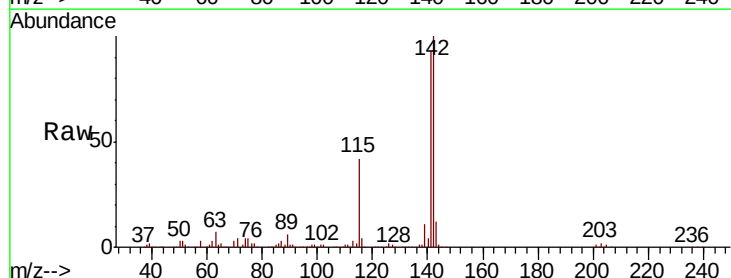
Manual Integrations
APPROVED

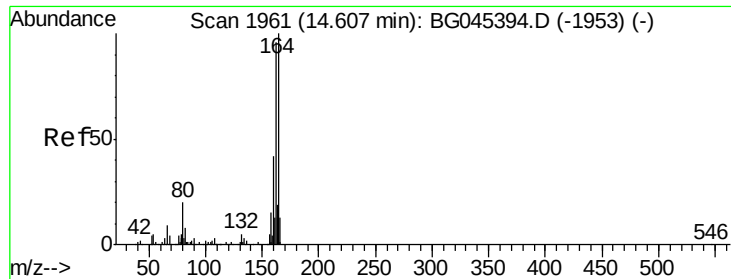
mohammad
6/4/2020 12:11:13 PM



#38
1-Methylnaphthalene
Concen: 47.766 ng
RT: 12.65 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	70.8	106.2
116	4.3	3.0	4.6





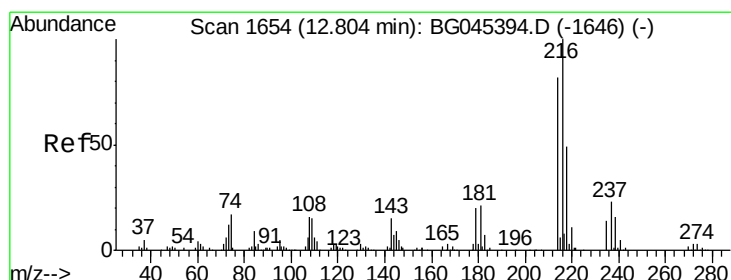
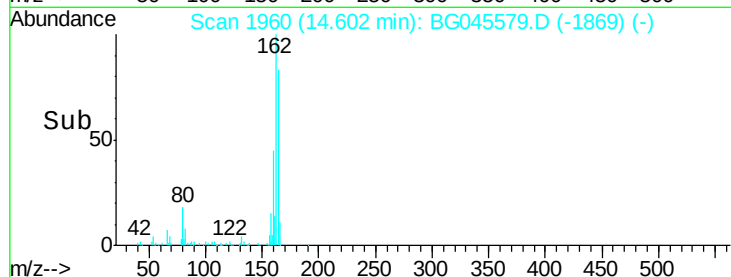
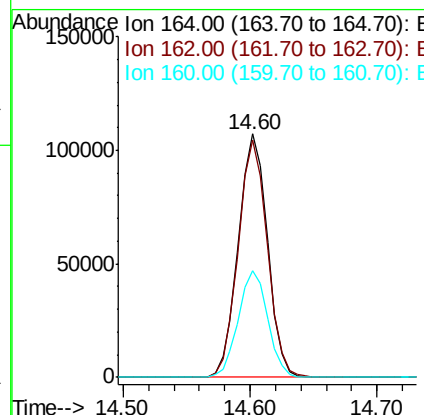
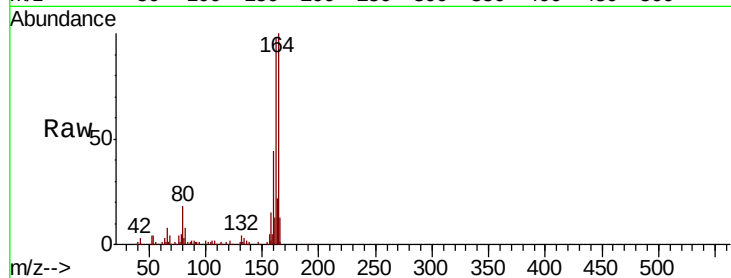
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampled :
PB129213BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	76.9	115.3
160	43.6	33.8	50.8

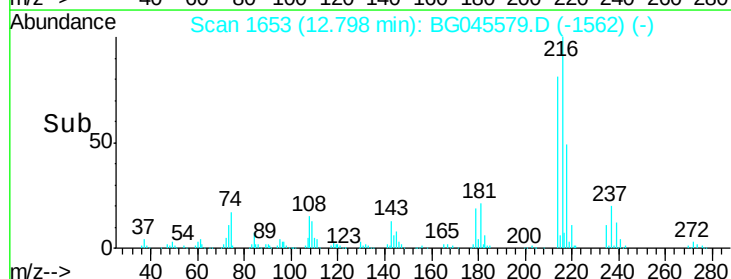
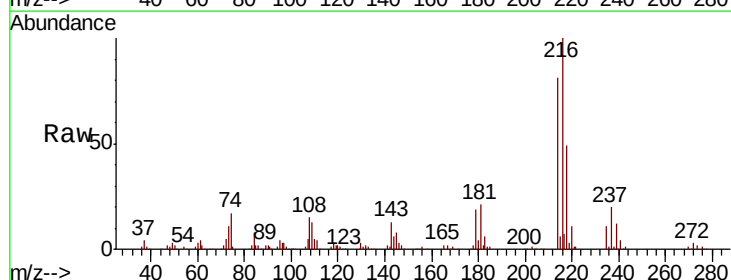
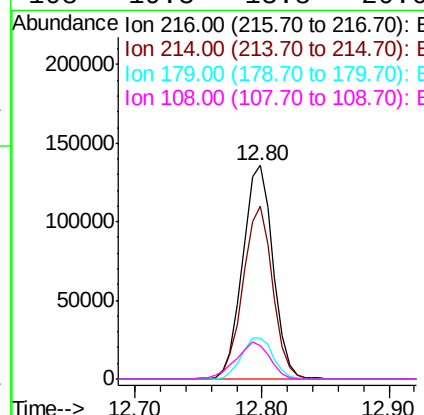
Manual Integrations
APPROVED

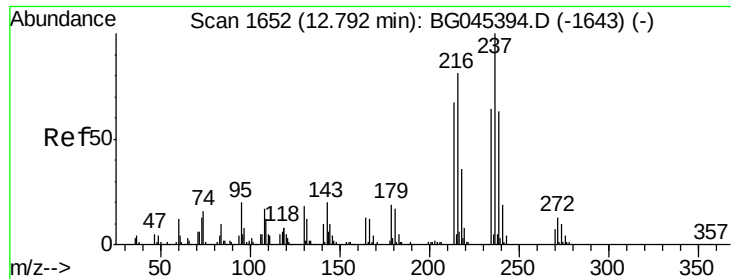
mohammad
6/4/2020 12:11:13 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.404 ng
RT: 12.80 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.7	95.5
179	20.2	16.1	24.1
108	19.3	13.8	20.6





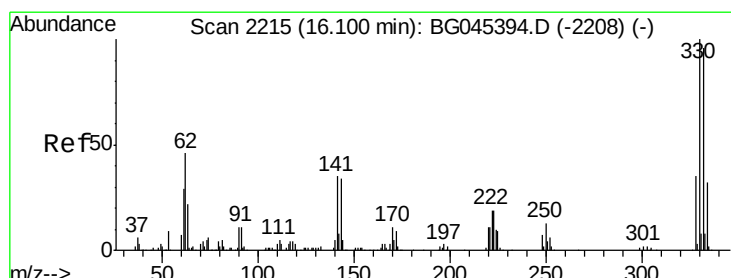
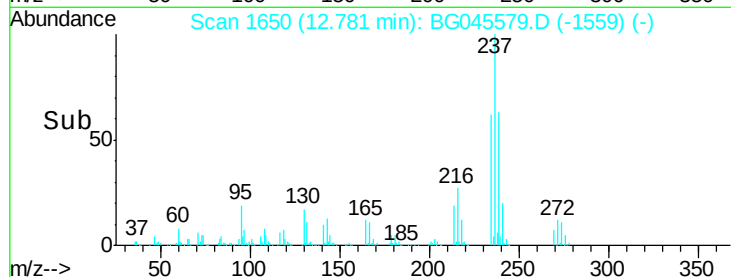
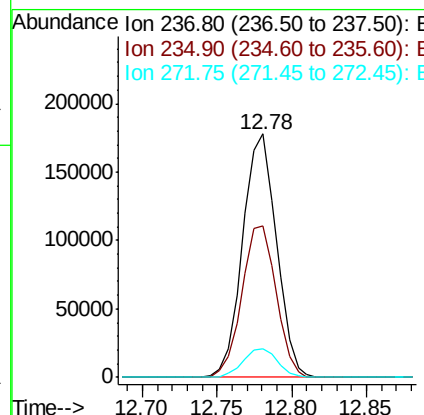
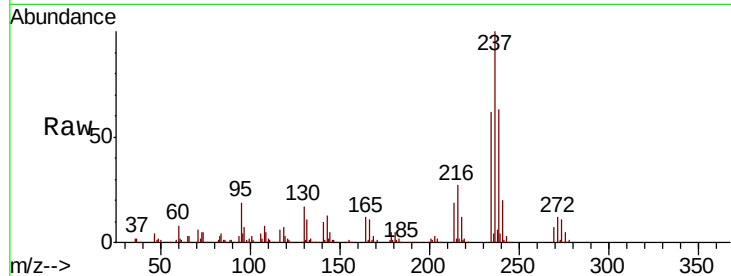
#41
Hexachlorocyclopentadiene
Concen: 101.779 ng
RT: 12.78 min Scan# 1650
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	44.4	84.4
272	11.9	0.0	32.5

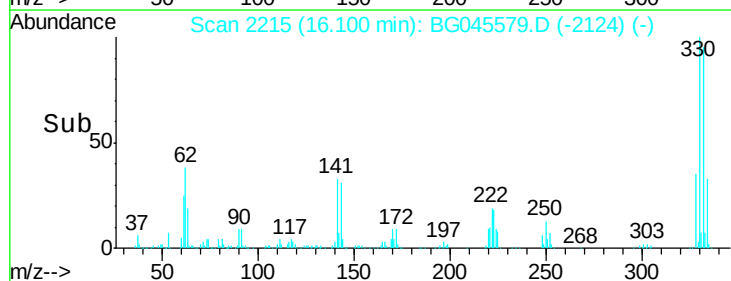
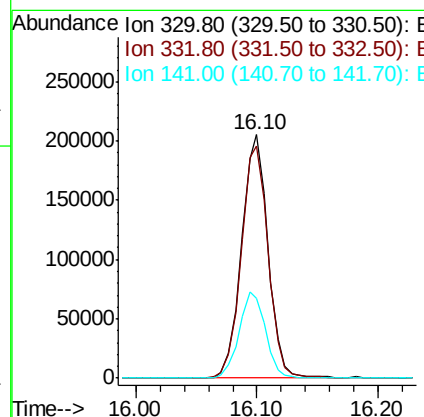
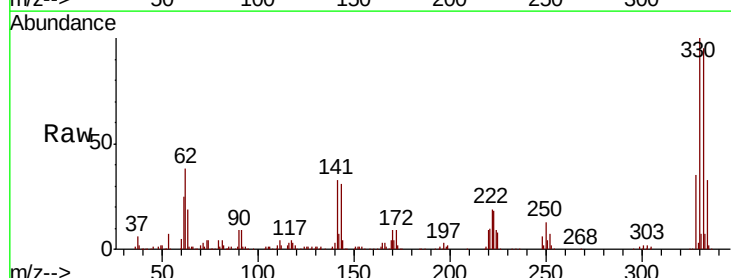
Manual Integrations
APPROVED

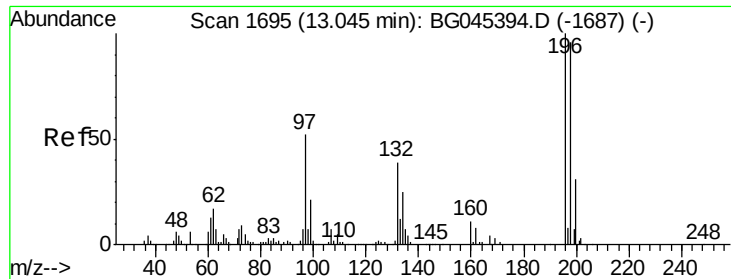
mohammad
6/4/2020 12:11:13 PM



#42
2,4,6-Tribromophenol
Concen: 143.961 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.6	78.2	117.4
141	35.3	28.2	42.4





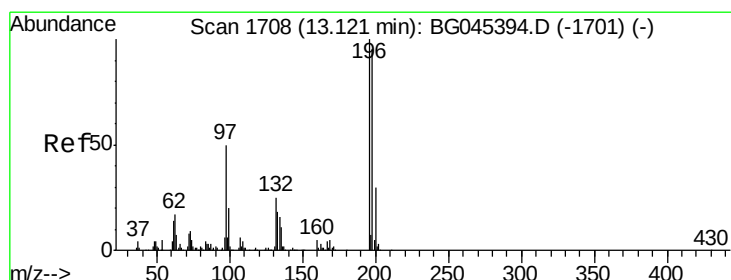
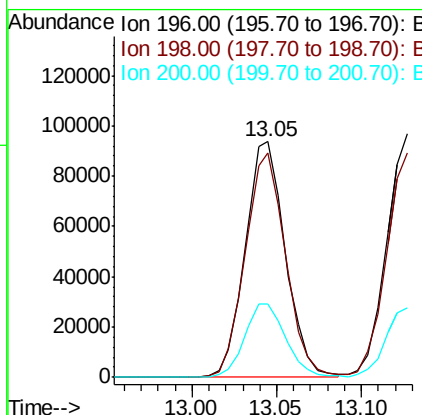
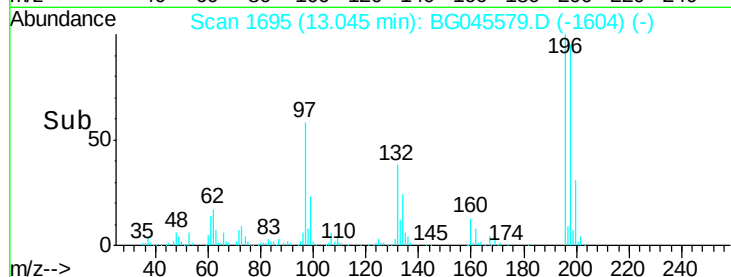
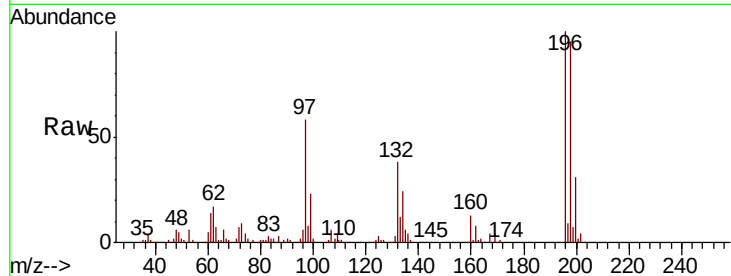
#43
 2,4,6-Trichlorophenol
 Concen: 47.081 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Tot Ion:	196	Resp:	155354
Ion Ratio	Lower	Upper	
196	100		
198	95.1	76.7	115.1
200	31.1	24.9	37.3

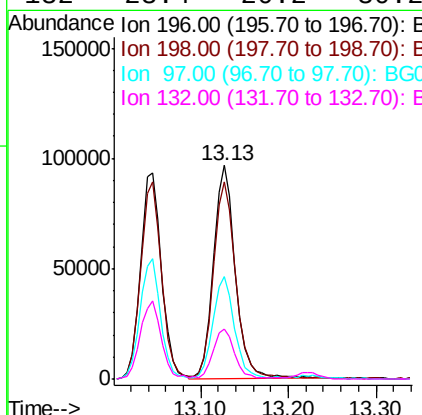
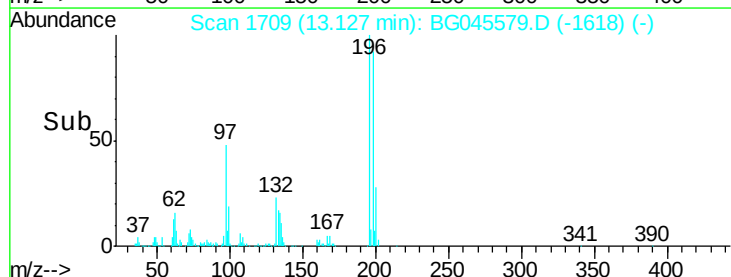
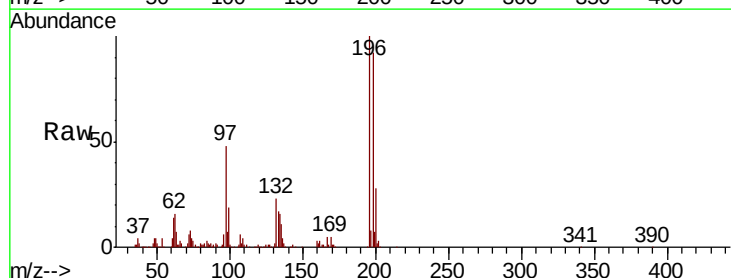
Manual Integrations
 APPROVED

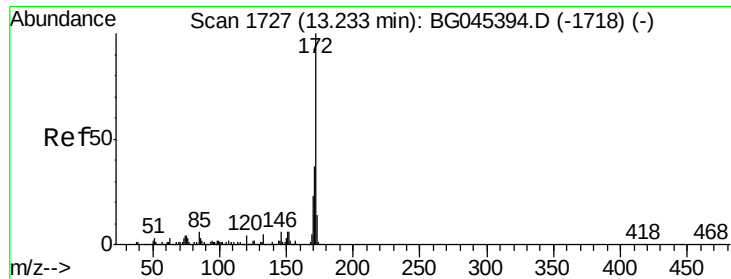
mohammad
 6/4/2020 12:11:13 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.587 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion:	196	Resp:	168125
Ion Ratio	Lower	Upper	
196	100		
198	92.2	76.1	114.1
97	47.7	40.0	60.0
132	23.4	20.2	30.2





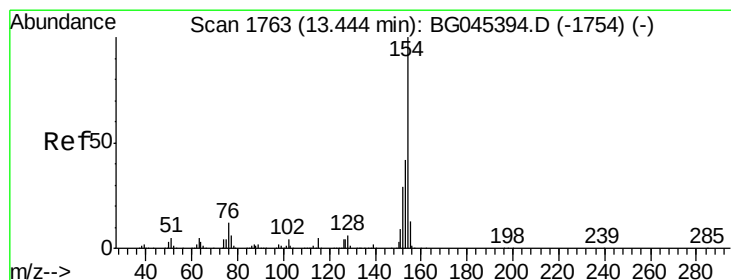
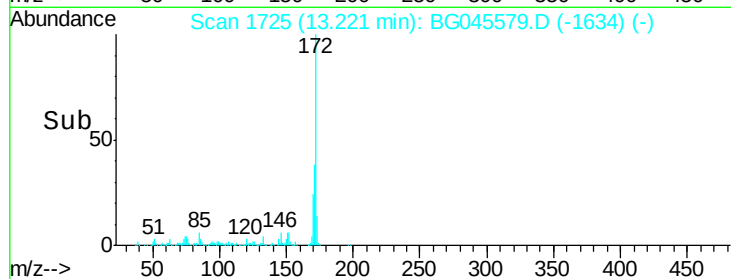
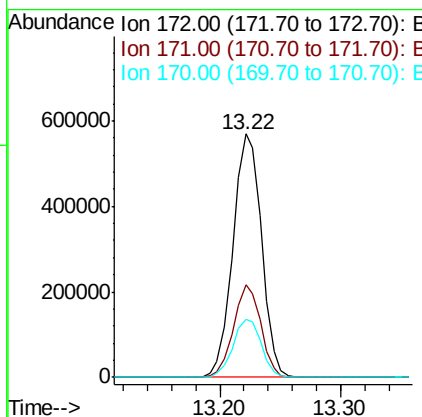
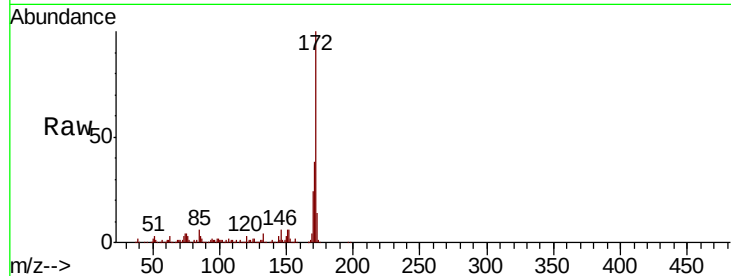
#45
2-Fluorobiphenyl
Concen: 93.582 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.5	44.3
170	24.1	18.5	27.7

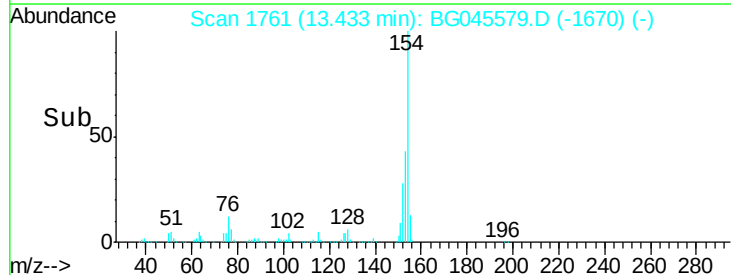
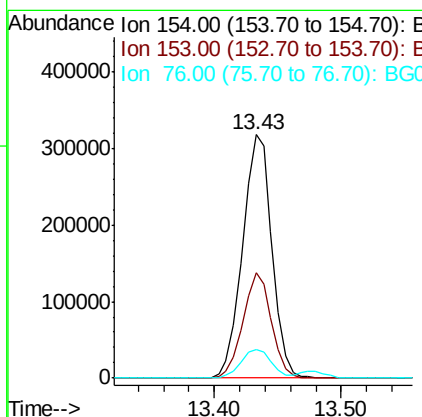
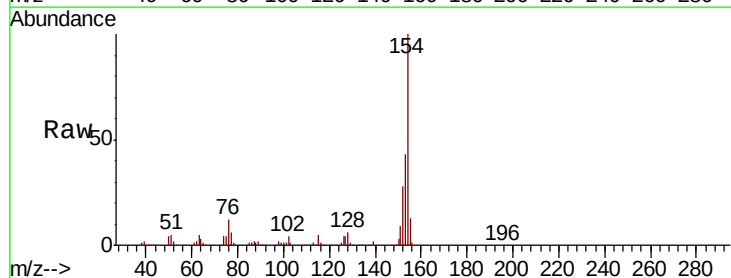
Manual Integrations
APPROVED

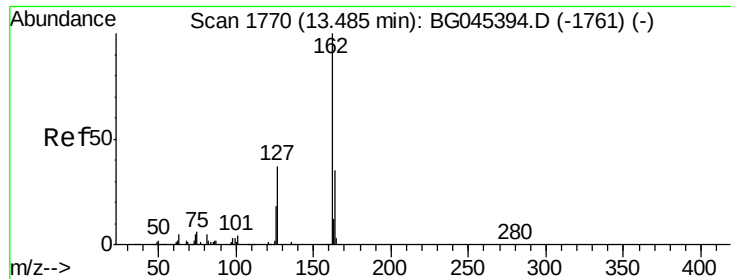
mohammad
6/4/2020 12:11:13 PM



#46
1,1'-Biphenyl
Concen: 48.753 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.2	62.2
76	11.7	0.0	32.4





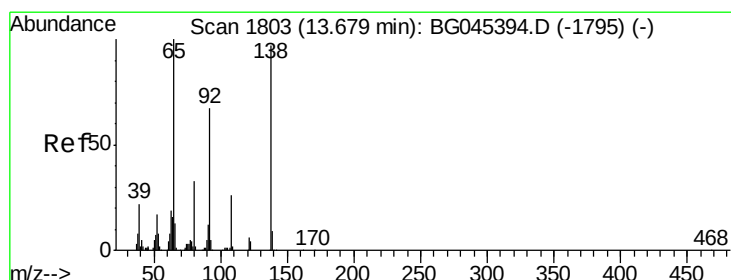
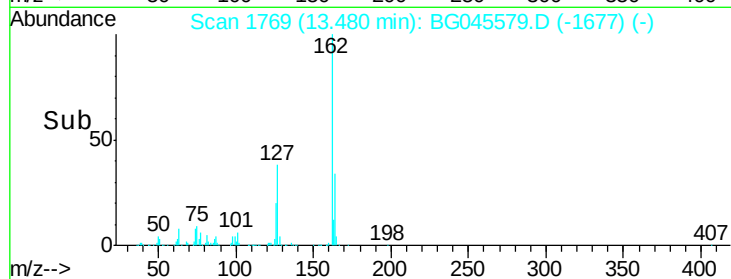
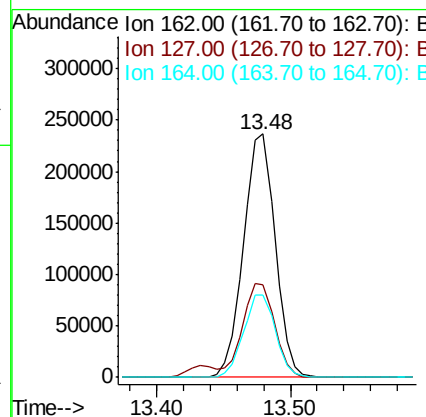
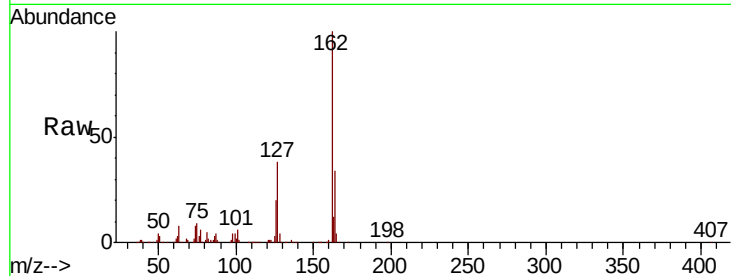
#47
2-Chloronaphthalene
Concen: 45.692 ng
RT: 13.48 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.6	47.4
164	33.7	28.1	42.1

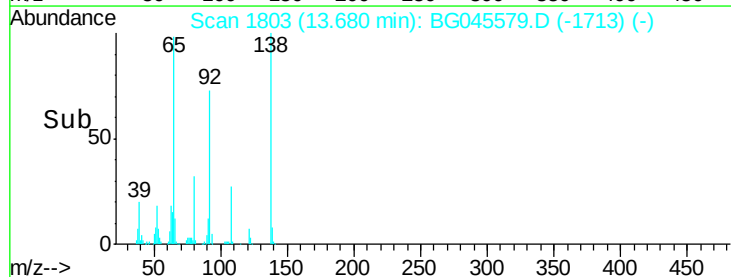
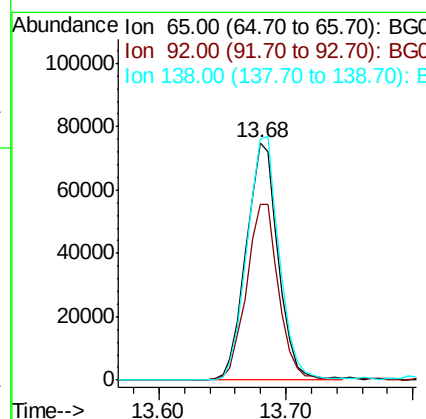
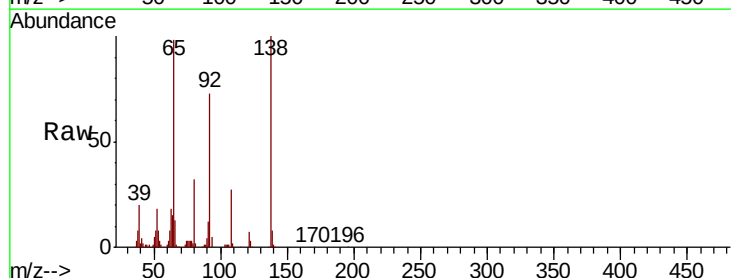
Manual Integrations
APPROVED

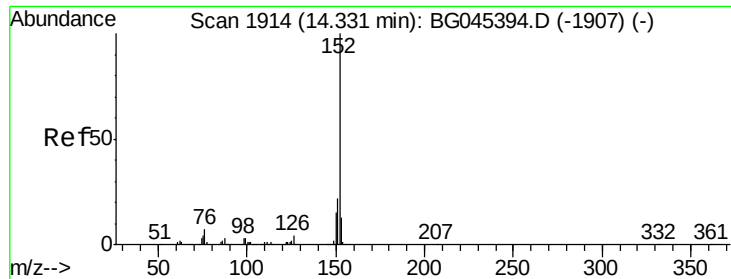
mohammad
6/4/2020 12:11:13 PM



#48
2-Nitroaniline
Concen: 47.122 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	53.8	80.8
138	101.6	77.9	116.9





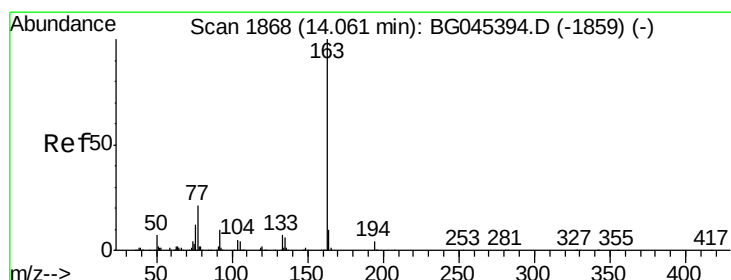
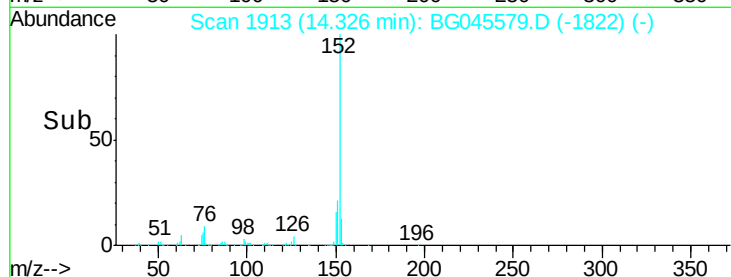
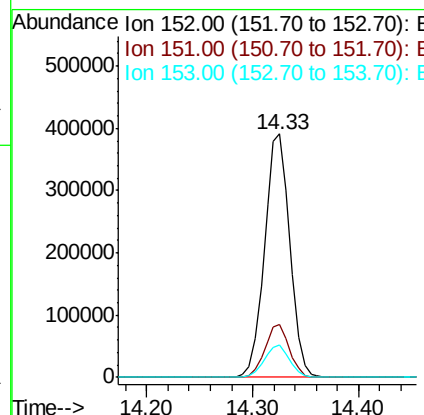
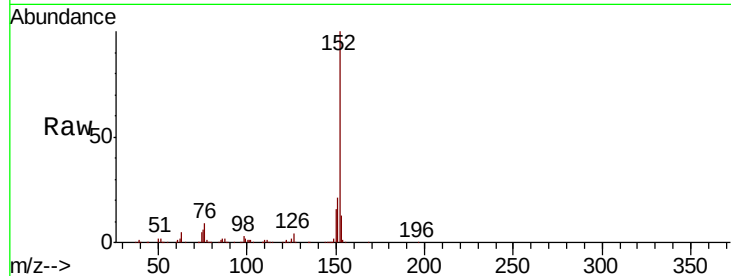
#49
Acenaphthylene
Concen: 47.625 ng
RT: 14.33 min Scan# 1913
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		649109		
151	21.5	17.4	26.2		
153	13.2	10.7	16.1		

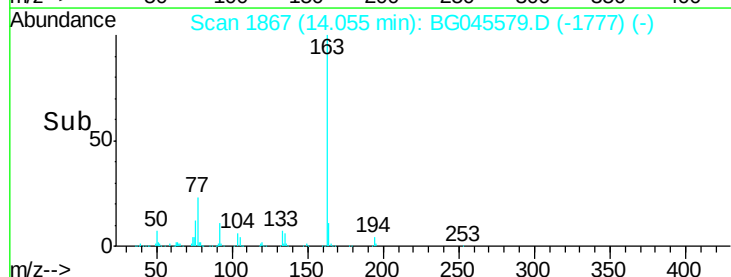
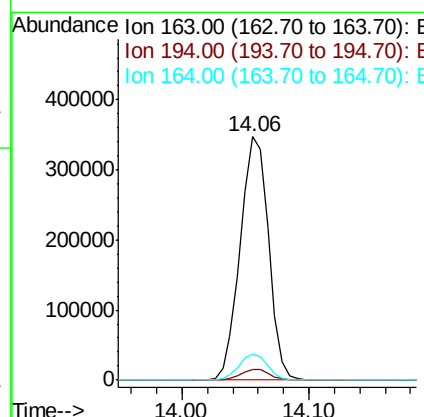
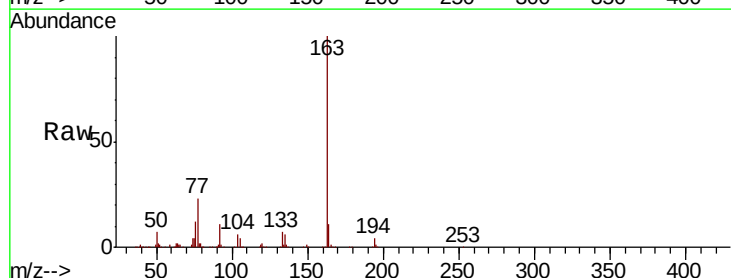
Manual Integrations
APPROVED

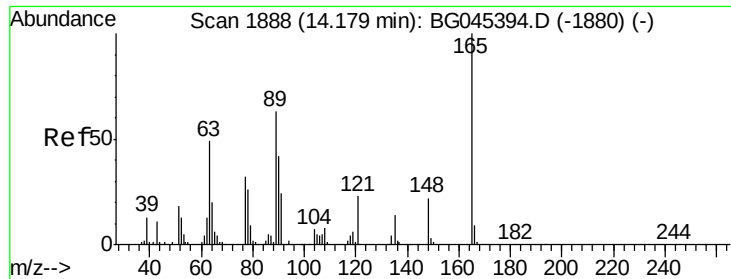
mohammad
6/4/2020 12:11:13 PM



#50
Dimethylphthalate
Concen: 46.073 ng
RT: 14.06 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		537492		
194	4.3	3.2	4.8		
164	10.8	8.3	12.5		





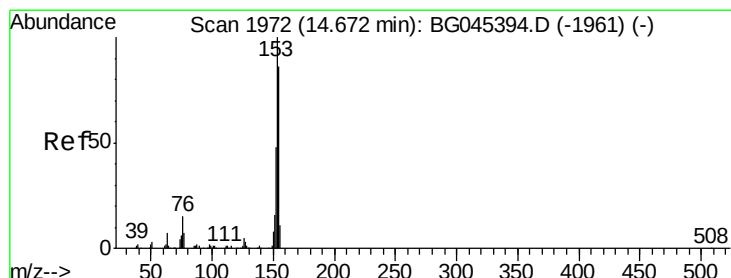
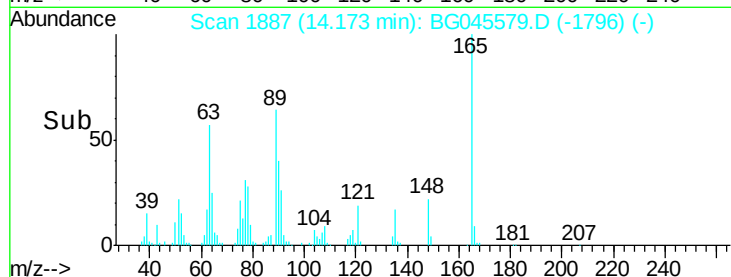
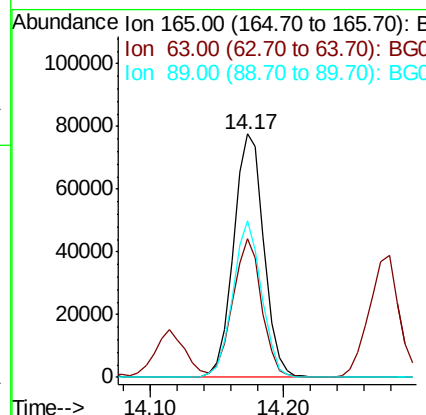
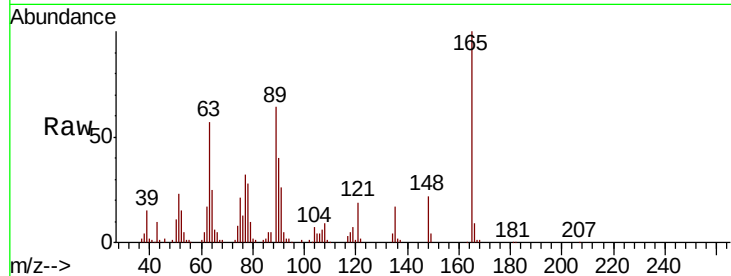
#51
 2,6-Dinitrotoluene
 Concen: 46.535 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Instrument :
 BNA_G
 ClientSampled :
 PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	122502		
63	57.2	45.0	67.4	
89	64.2	50.2	75.4	

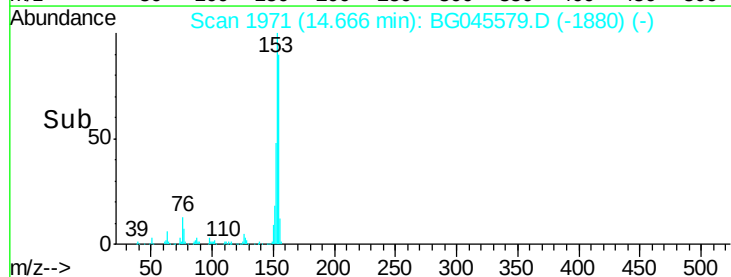
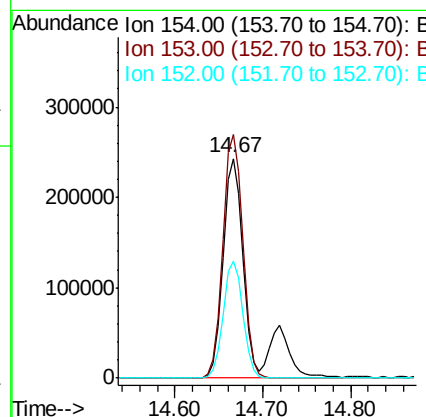
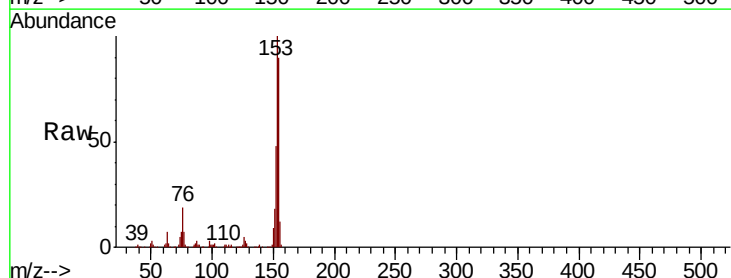
Manual Integrations
 APPROVED

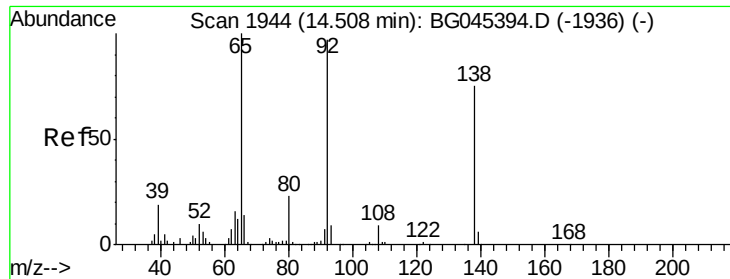
mohammad
 6/4/2020 12:11:13 PM



#52
 Acenaphthene
 Concen: 52.185 ng m
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	476109		
153	110.8	92.8	139.2	
152	53.4	44.6	66.8	





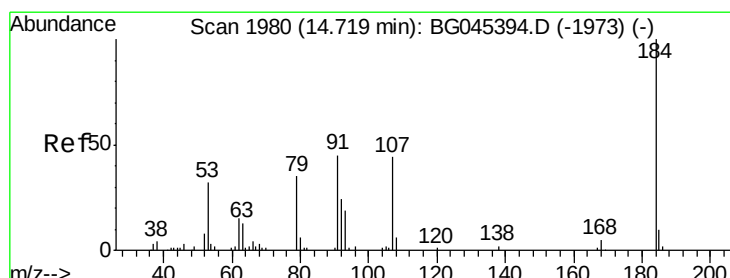
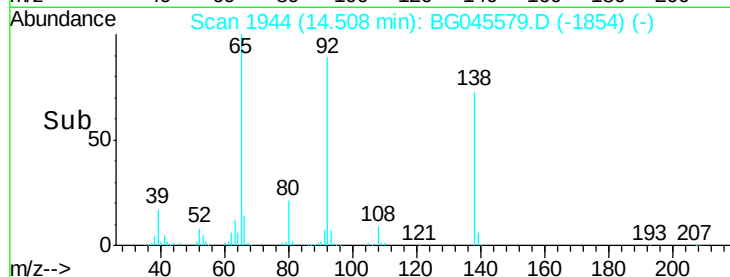
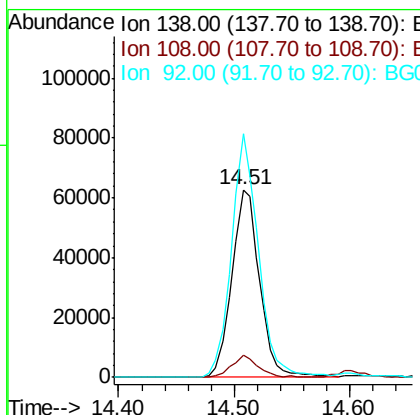
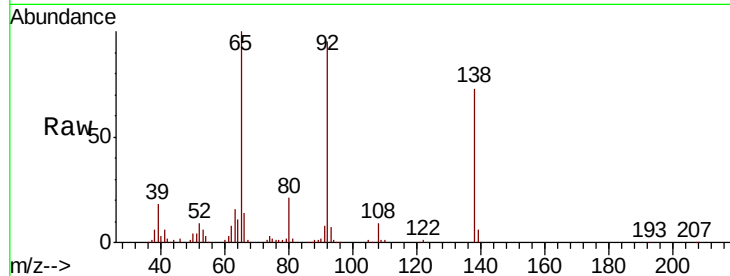
#53
3-Nitroaniline
Concen: 39.144 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.8	14.6
92	129.6	103.0	154.4

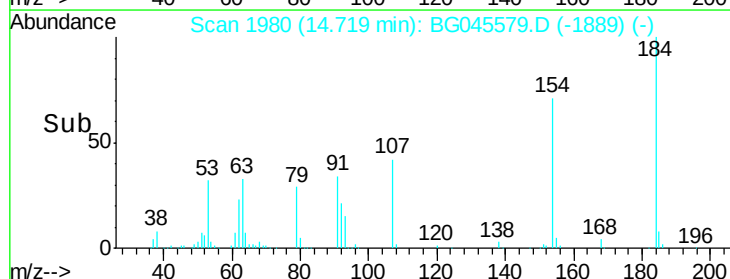
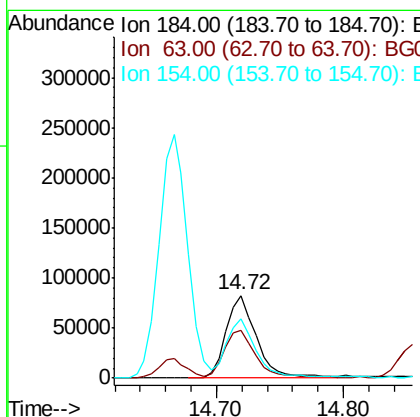
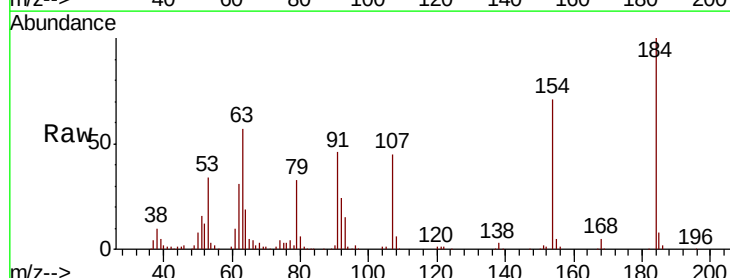
Manual Integrations
APPROVED

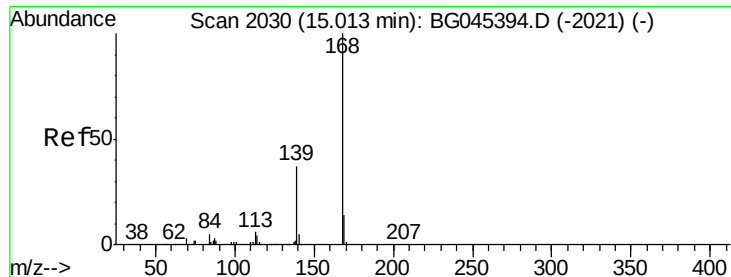
mohammad
6/4/2020 12:11:13 PM



#54
2,4-Dinitrophenol
Concen: 80.098 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	47.8	71.6
154	71.5	58.3	87.5





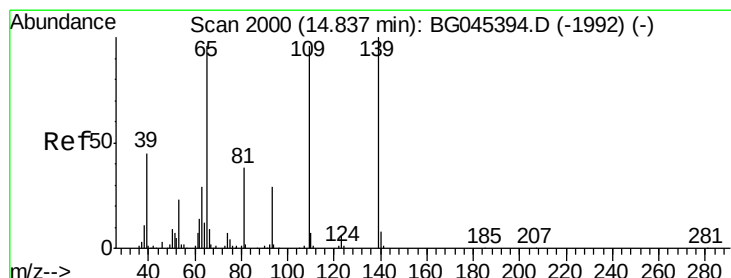
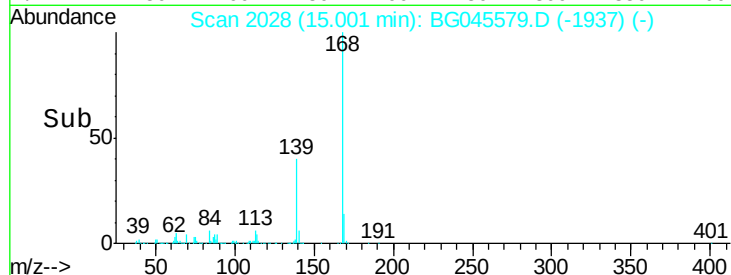
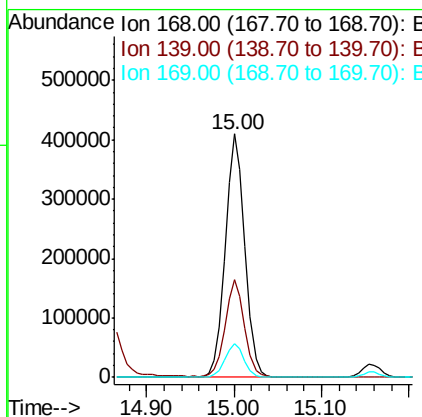
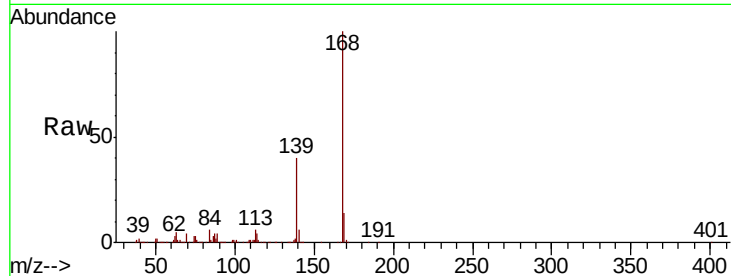
#55
Dibenzofuran
Concen: 46.202 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.9	29.9	44.9	
169	13.8	10.9	16.3	

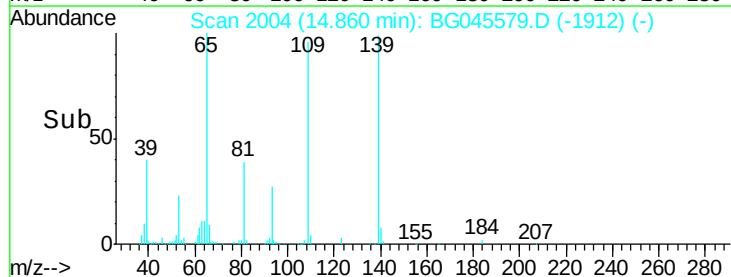
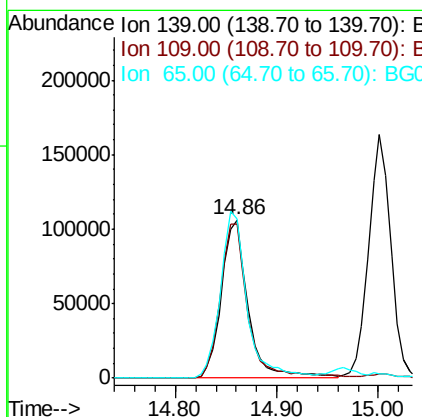
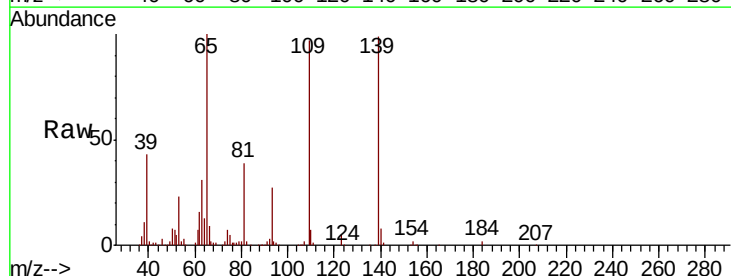
Manual Integrations
APPROVED

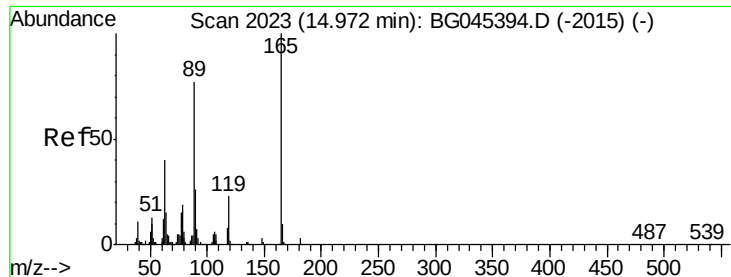
mohammad
6/4/2020 12:11:13 PM



#56
4-Nitrophenol
Concen: 96.495 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	97.8	75.6	115.6	
65	100.5	76.8	116.8	





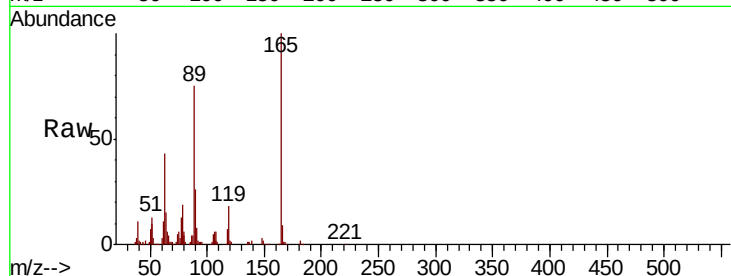
#57
2,4-Dinitrotoluene
Concen: 46.983 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.1	32.5	48.7
89	74.7	61.8	92.6
182	2.4	2.3	3.5

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM

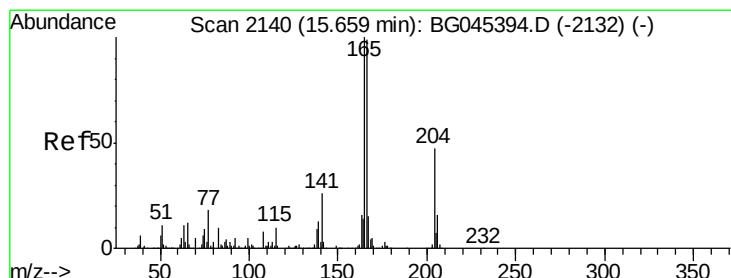
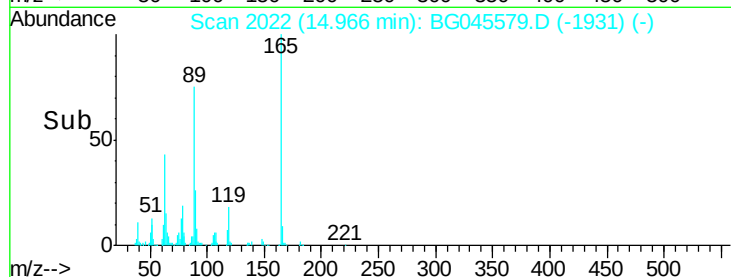
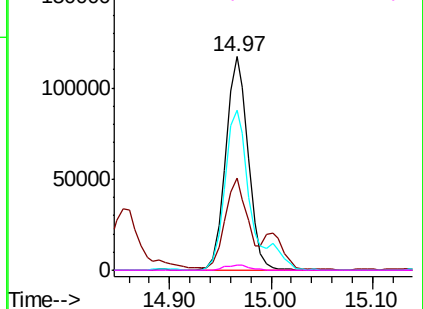


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

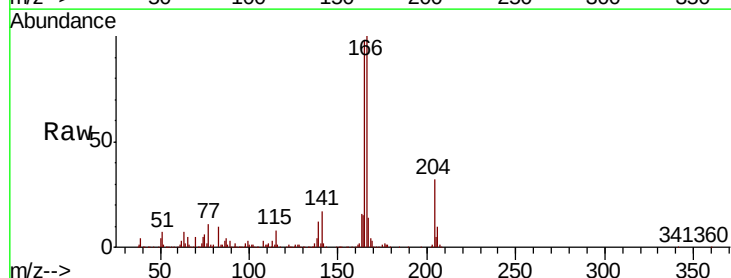
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.070 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

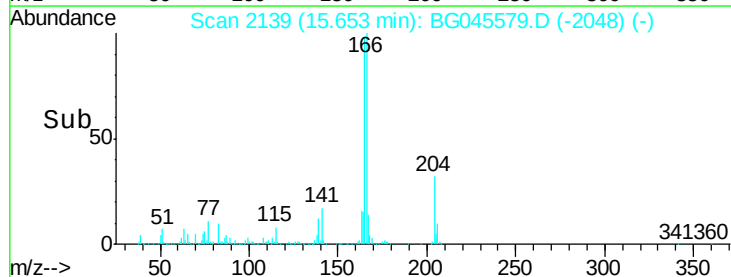
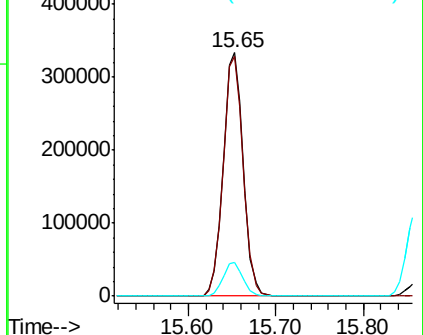
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.8	121.2
167	13.8	12.0	18.0

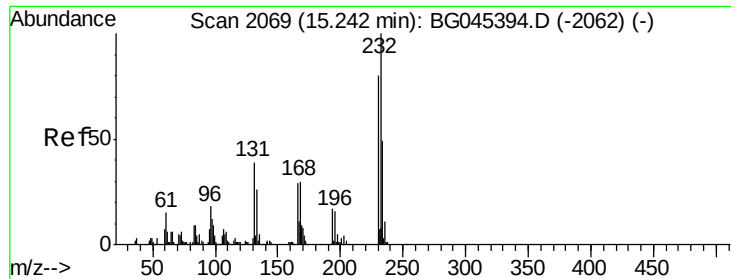


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





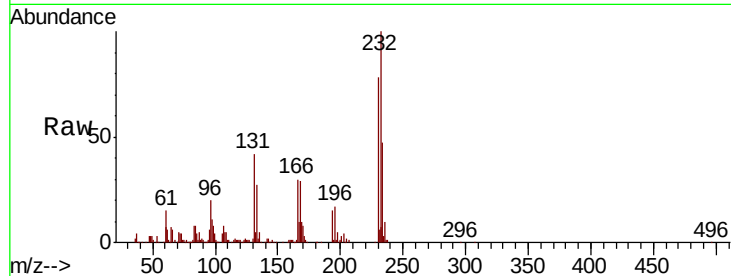
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.666 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	158127		
131	40.7		33.7	50.5
130	2.4		2.1	3.1
166	29.1		23.2	34.8

Manual Integrations
 APPROVED

mohammad
 6/4/2020 12:11:13 PM



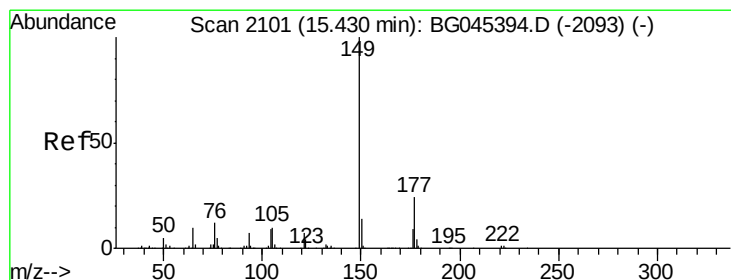
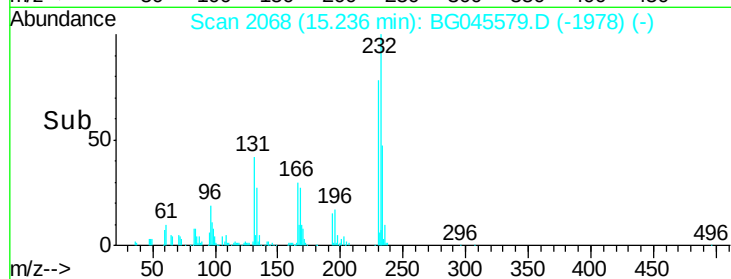
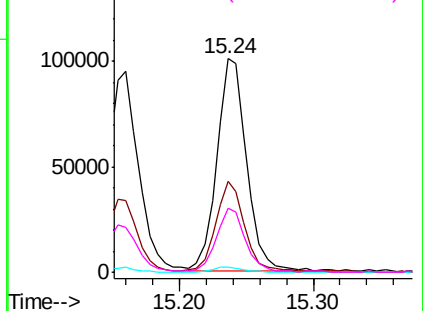
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

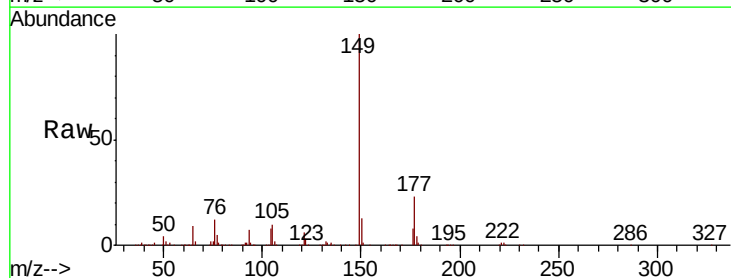
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.069 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	571527		
177	23.0		19.0	28.4
150	13.0		11.4	17.0

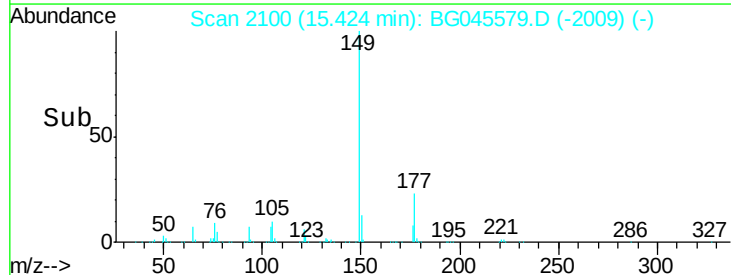
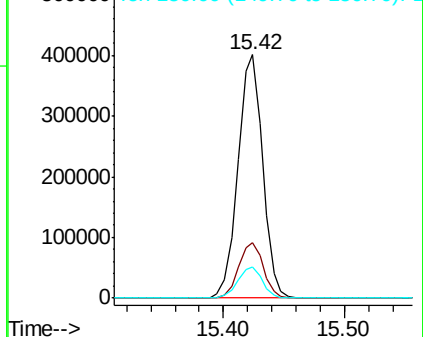


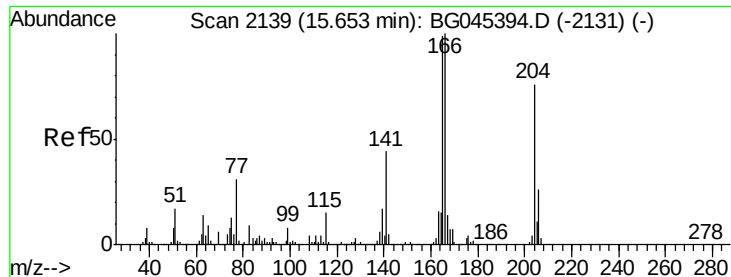
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





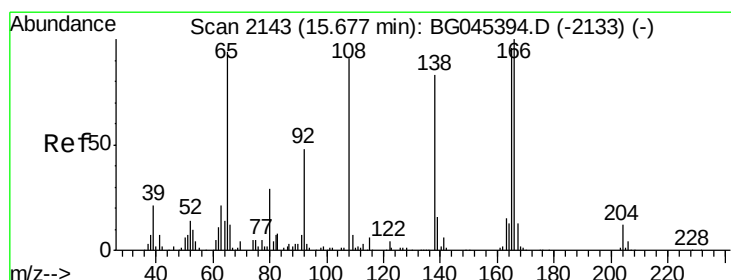
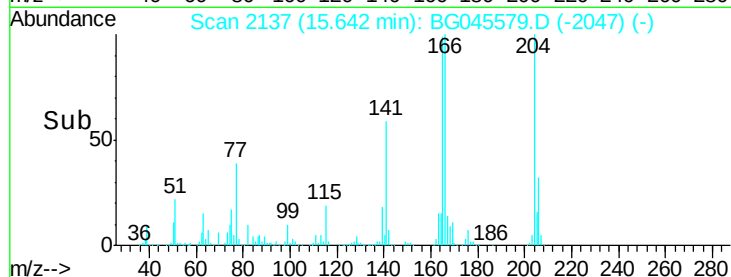
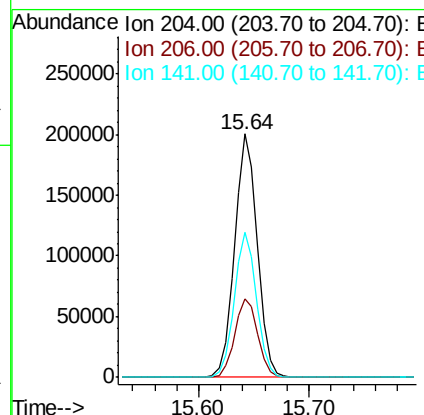
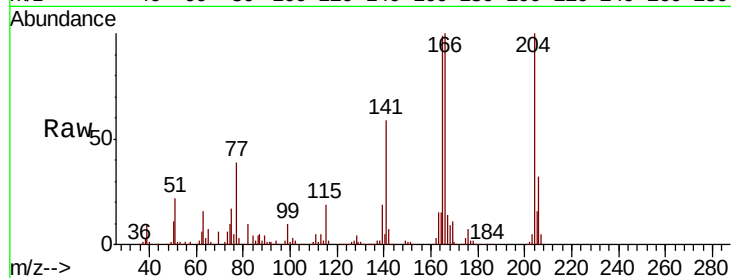
#61
4-Chlorophenyl-phenylether
Concen: 45.191 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampled :
PB129213BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
204	100		287841		
206	32.4	27.3	40.9		
141	59.4	45.9	68.9		

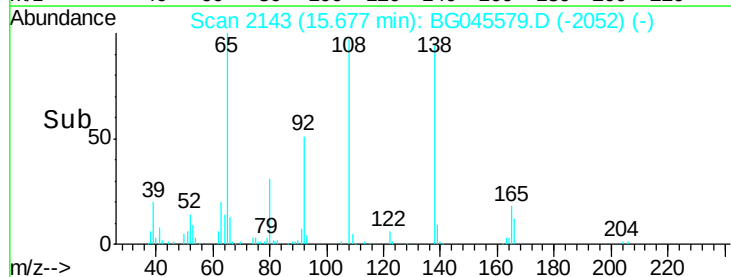
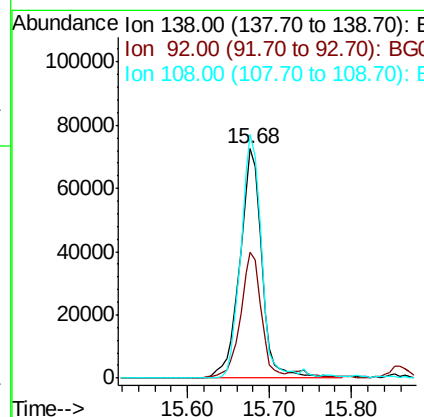
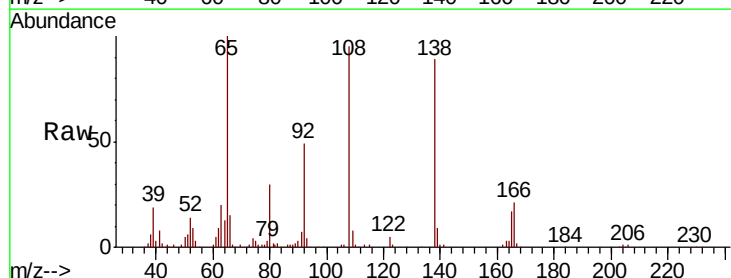
Manual Integrations
APPROVED

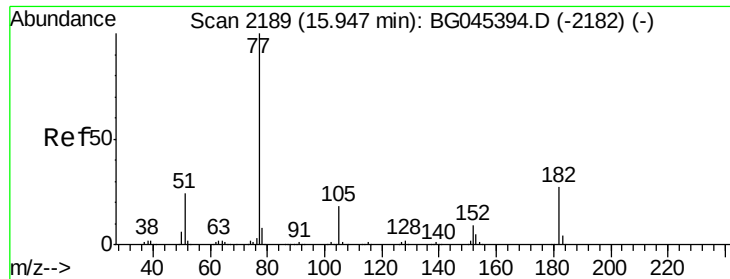
mohammad
6/4/2020 12:11:13 PM



#62
4-Nitroaniline
Concen: 48.718 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
138	100		136100		
92	55.1	38.0	78.0		
108	106.3	89.3	129.3		





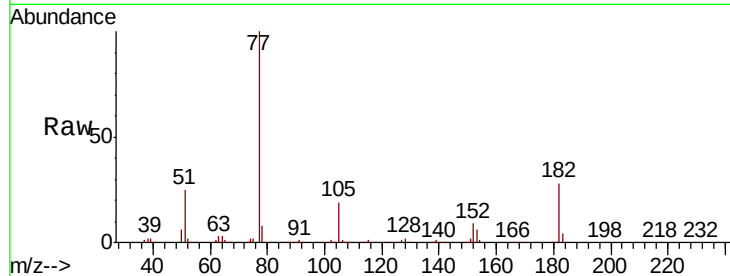
#63
Azobenzene
Concen: 47.235 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.6	6.5	46.5	
105	19.5	0.0	37.9	
51	24.7	4.1	44.1	

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



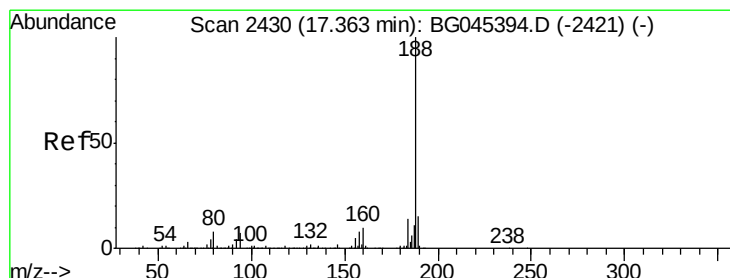
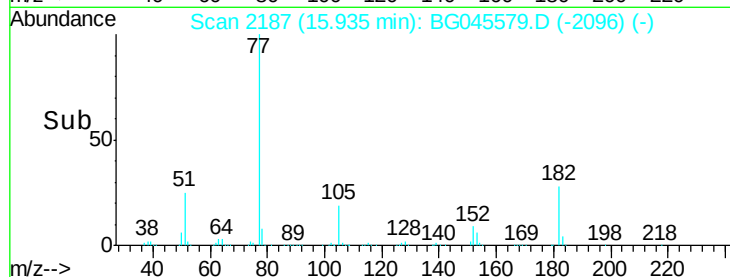
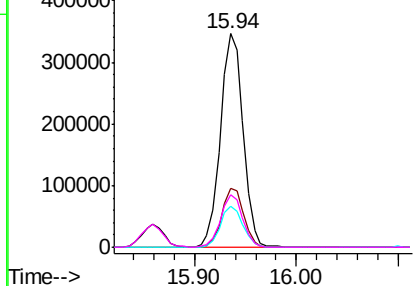
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

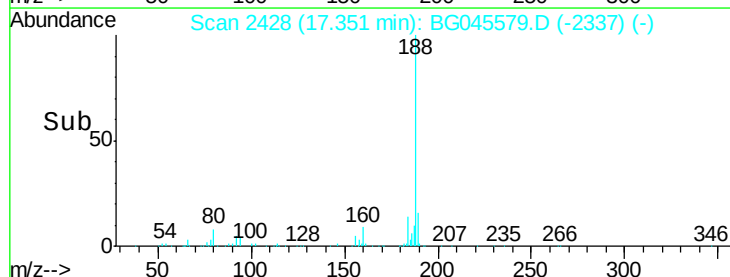
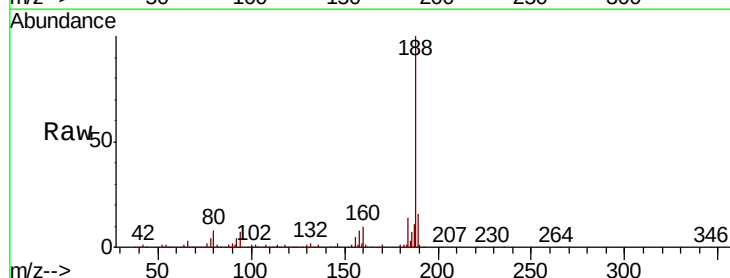
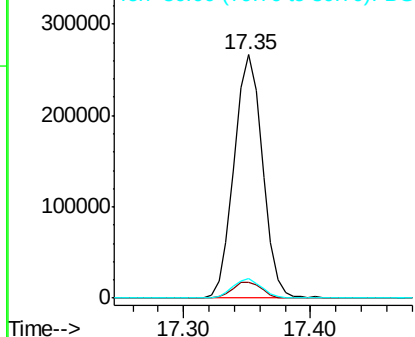
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.7	5.5	8.3	
80	8.2	6.6	10.0	

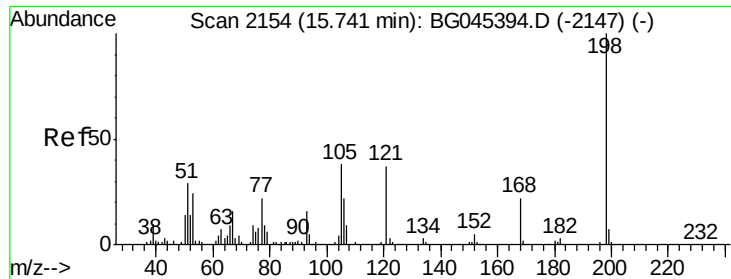
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.099 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

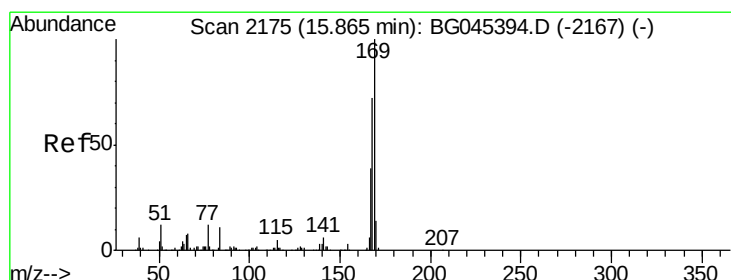
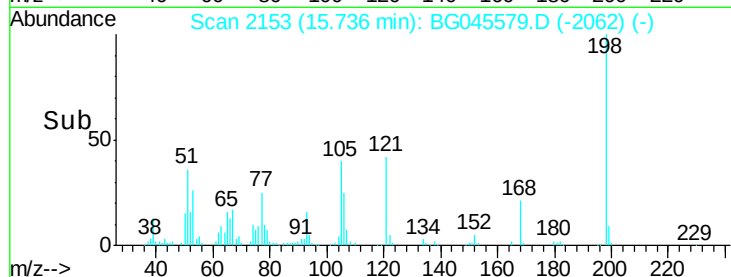
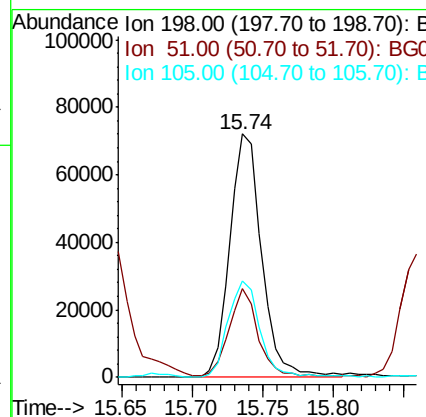
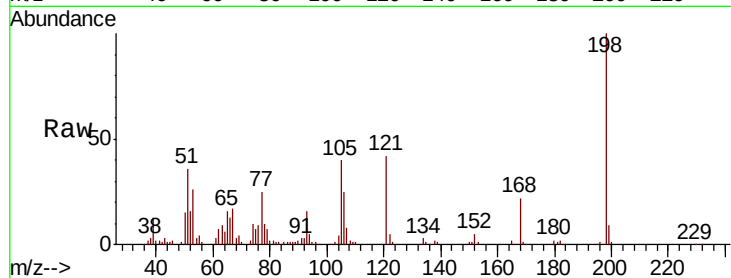
ClientSampleId :

PB129213BS

Tot Ion:	198	Resp:	113526
Ion Ratio	Lower	Upper	
198	100		
51	36.5	10.0	50.0
105	39.6	18.9	58.9

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



#66

n-Nitrosodiphenylamine

Concen: 47.605 ng

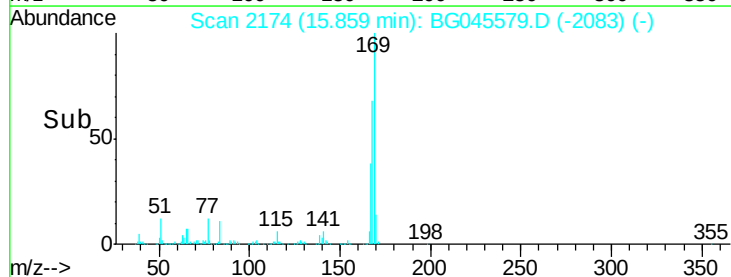
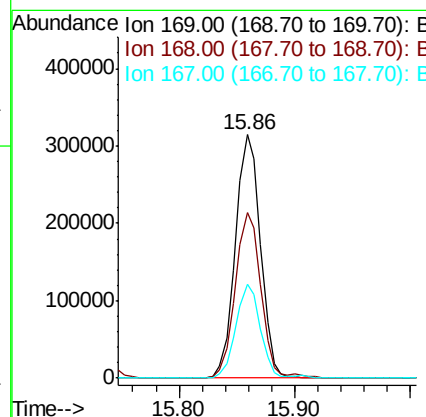
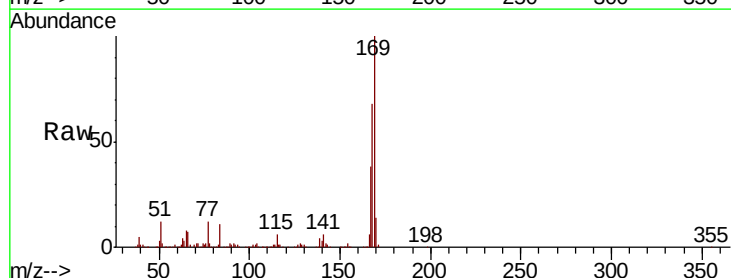
RT: 15.86 min Scan# 2174

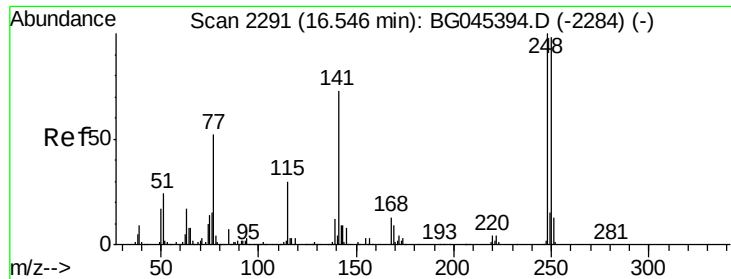
Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Tgt Ion:	169	Resp:	473054
Ion Ratio	Lower	Upper	
169	100		
168	68.1	57.8	86.6
167	38.3	31.5	47.3





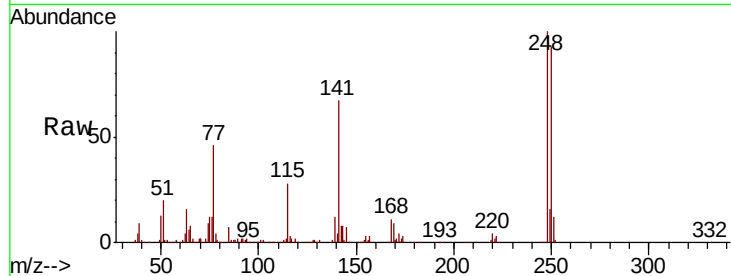
#67
4-Bromophenyl-phenylether
Concen: 45.112 ng
RT: 16.54 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.5	78.6	117.8
141	67.4	58.2	87.2

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM

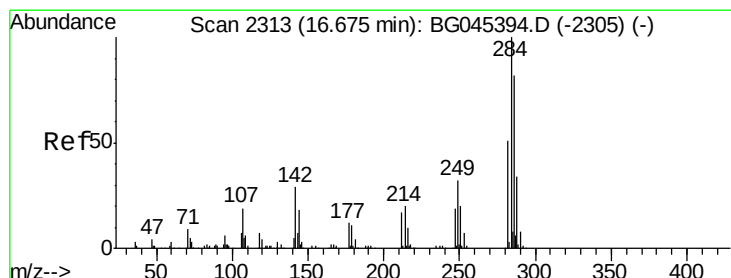
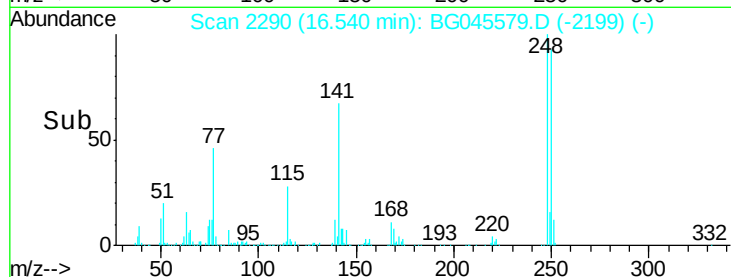
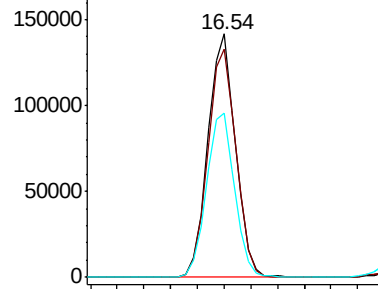


Abundance

Ion 248.00 (247.70 to 248.70): E

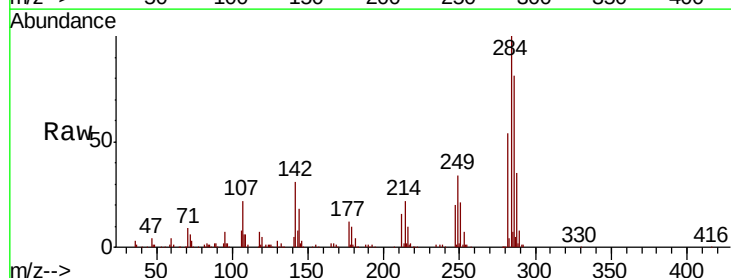
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.893 ng
RT: 16.66 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	23.0	34.6
249	33.9	25.8	38.6

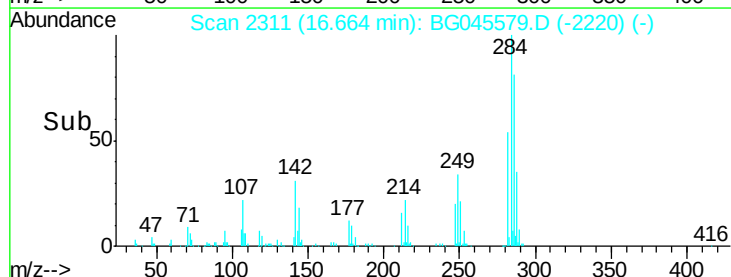
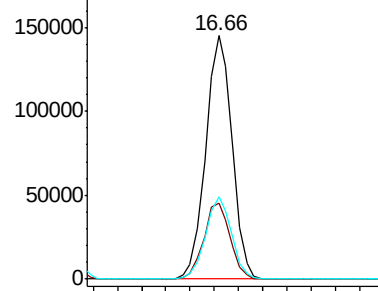


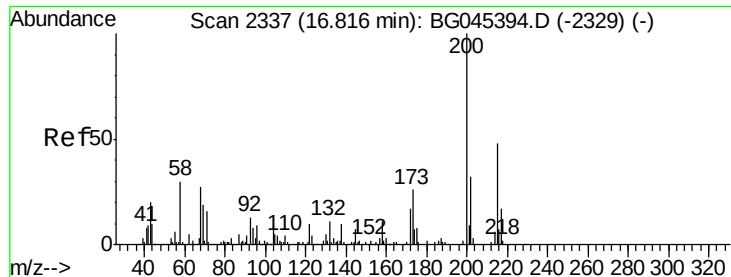
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.031 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

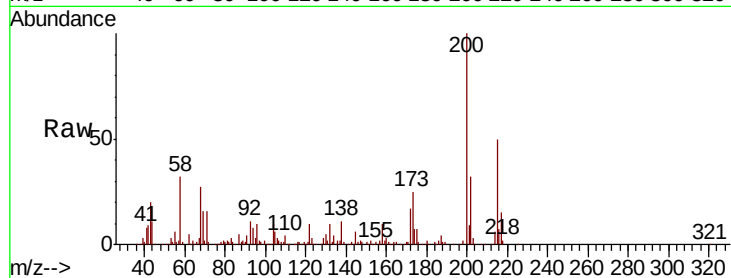
ClientSampleId :

PB129213BS

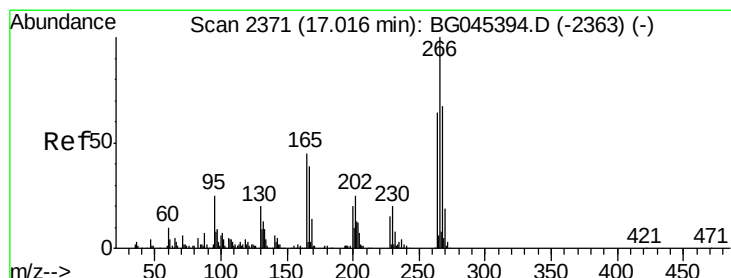
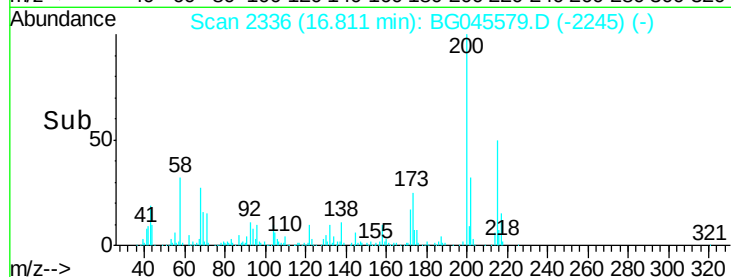
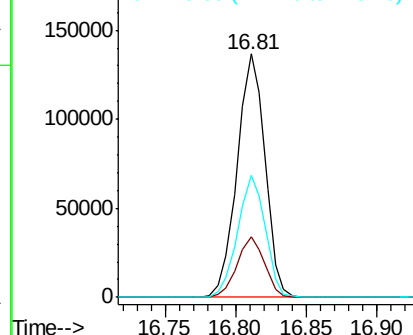
Tot Ion:	200	Resp:	188400
Ion Ratio	Lower	Upper	
200	100		
173	24.9	5.5	45.5
215	50.3	28.2	68.2

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 95.261 ng

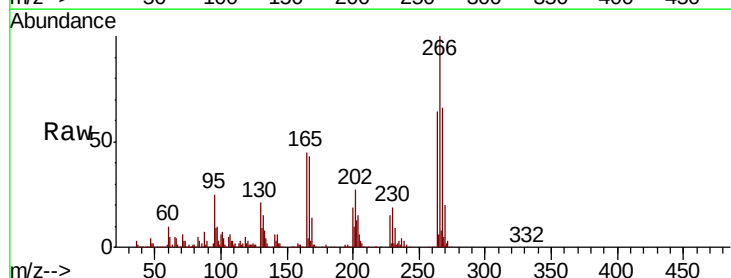
RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

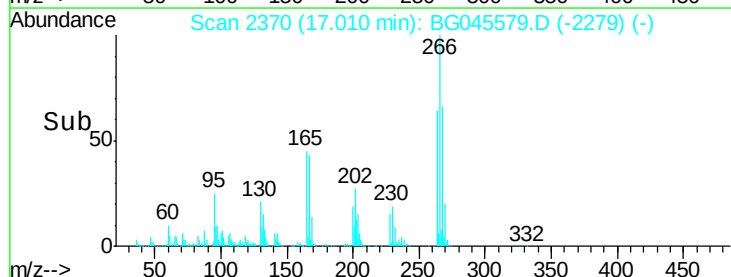
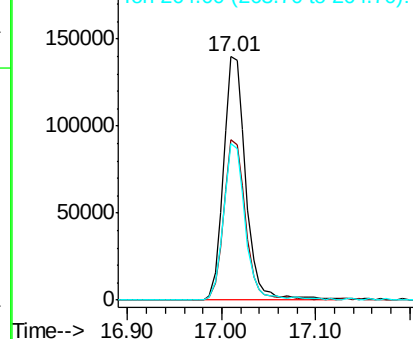
Lab File: BG045579.D

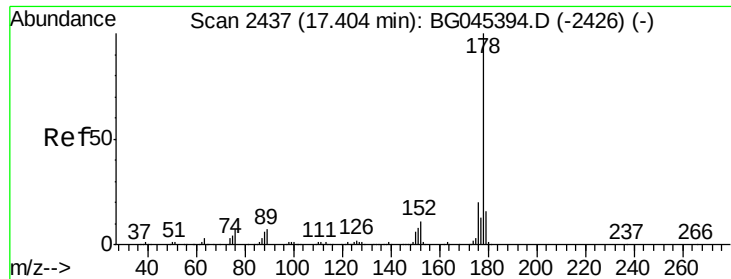
Acq: 3 Jun 2020 13:38

Tgt Ion:	266	Resp:	231849
Ion Ratio	Lower	Upper	
266	100		
268	66.0	53.2	79.8
264	64.1	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





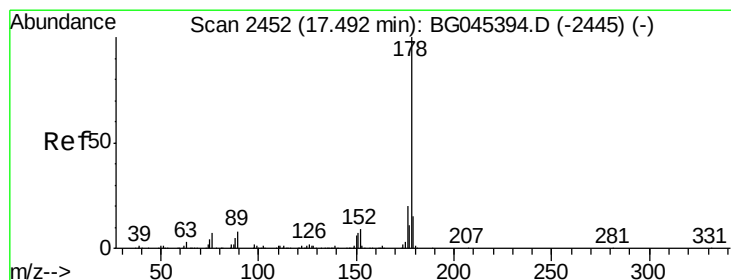
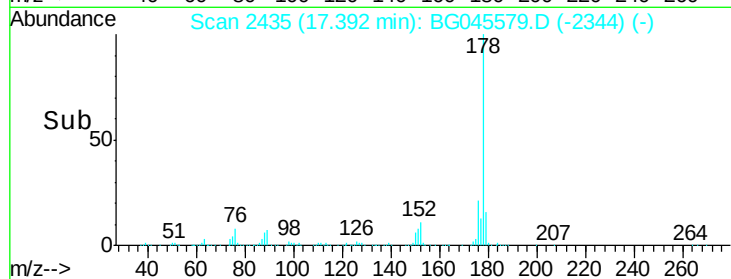
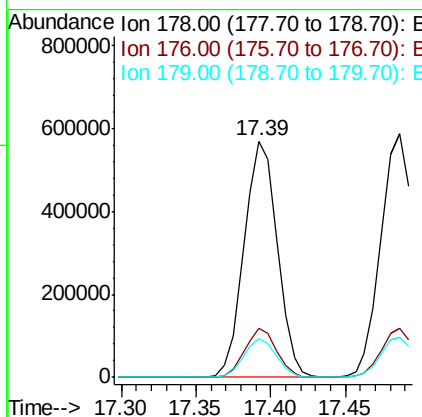
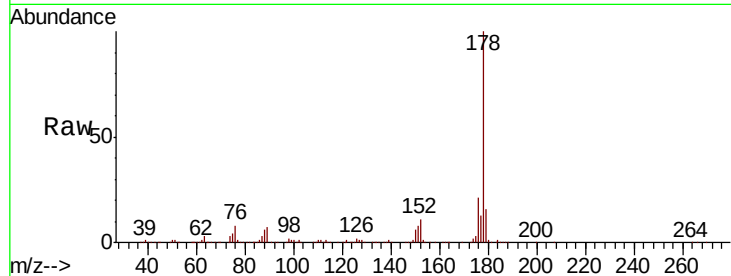
#71
Phenanthrene
Concen: 48.357 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.3	13.1	19.7

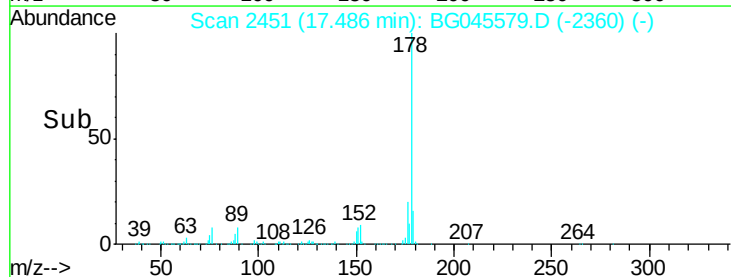
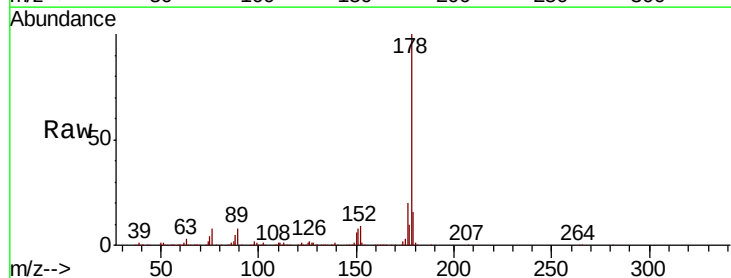
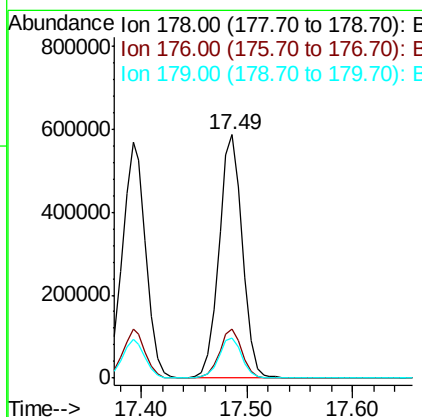
Manual Integrations
APPROVED

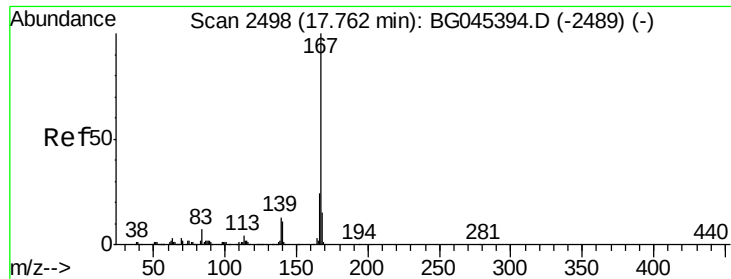
mohammad
6/4/2020 12:11:13 PM



#72
Anthracene
Concen: 49.480 ng
RT: 17.49 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.4	12.2	18.4





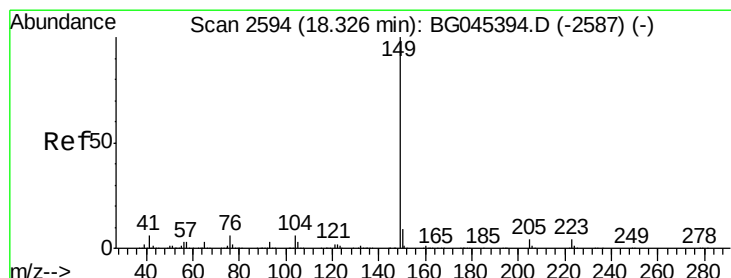
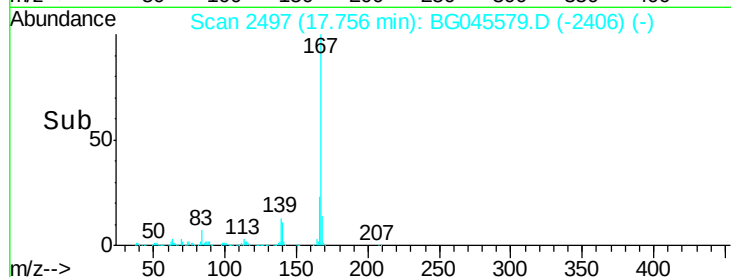
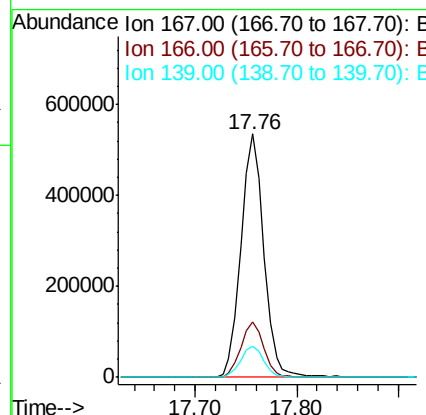
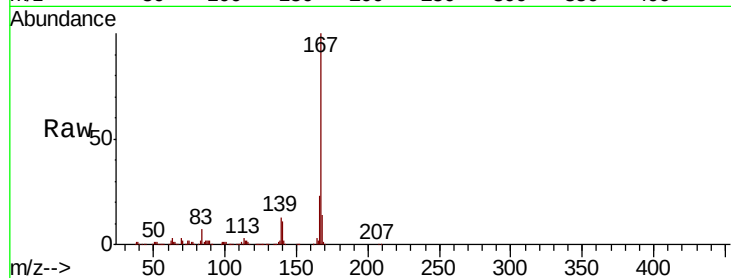
#73
 Carbazole
 Concen: 47.490 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.2	28.8
139	12.9	10.6	16.0

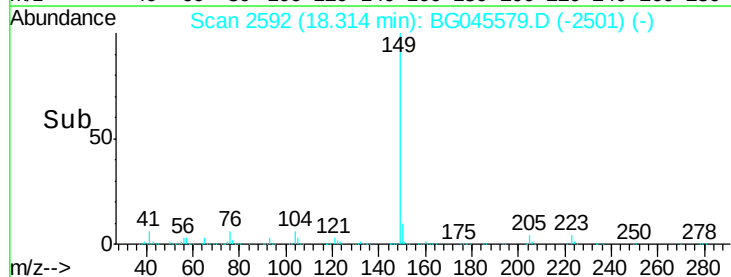
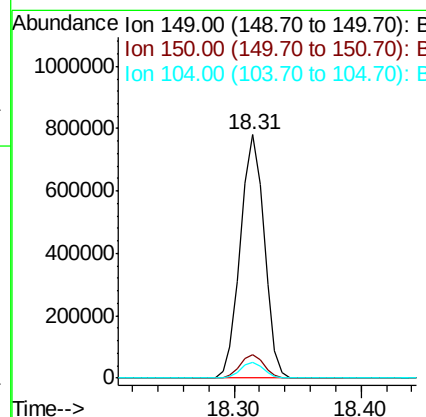
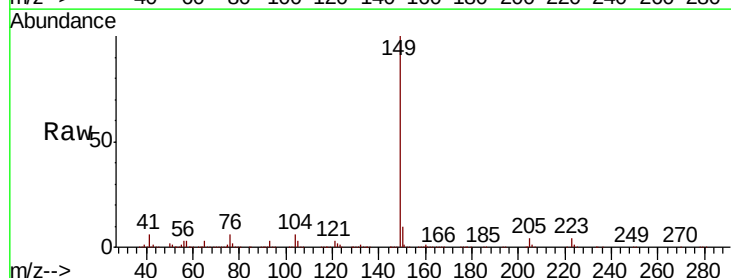
Manual Integrations
 APPROVED

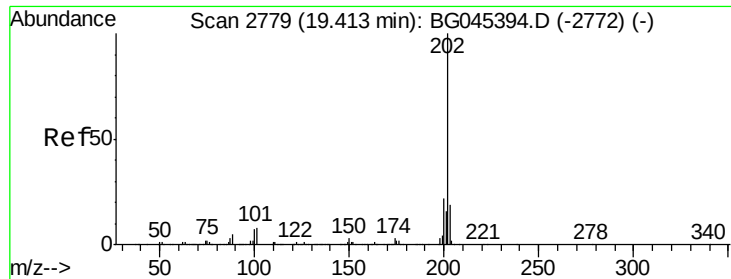
mohammad
 6/4/2020 12:11:13 PM



#74
 Di-n-butylphthalate
 Concen: 47.902 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.5	5.0	7.4





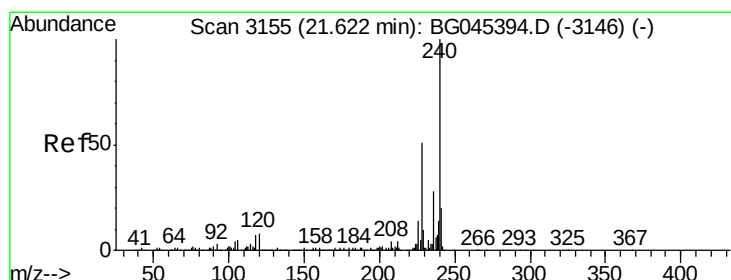
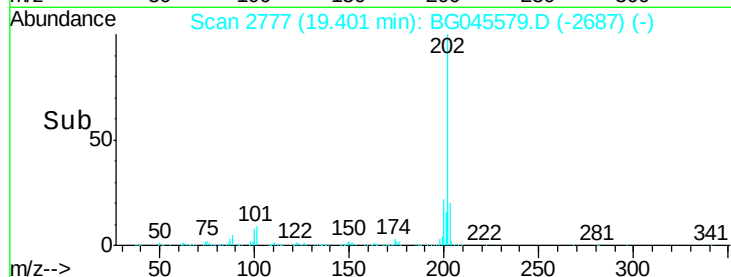
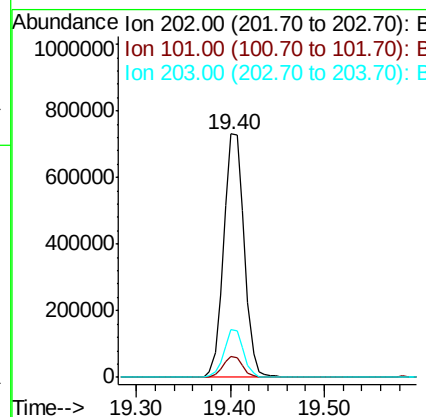
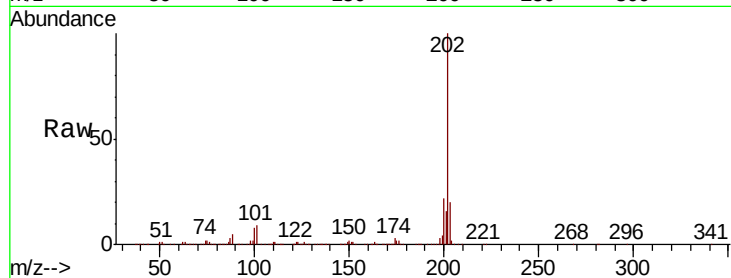
#75
 Fluoranthene
 Concen: 48.390 ng
 RT: 19.40 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1112056		
101	8.7	0.0	28.3	
203	19.9	0.0	39.0	

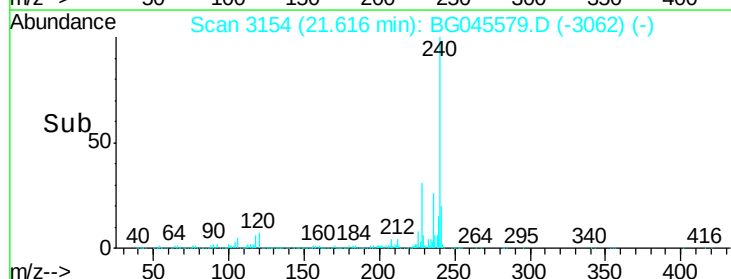
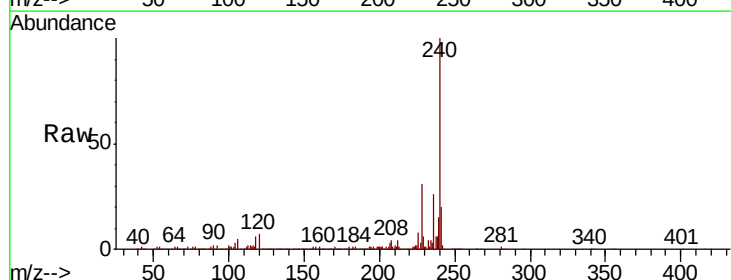
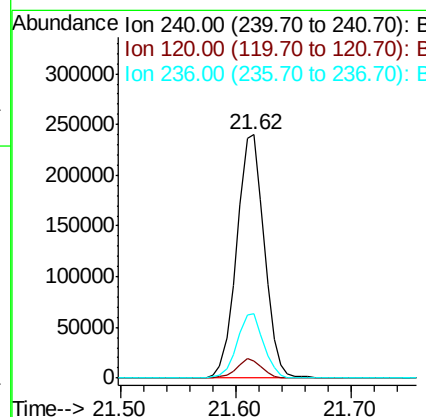
Manual Integrations
 APPROVED

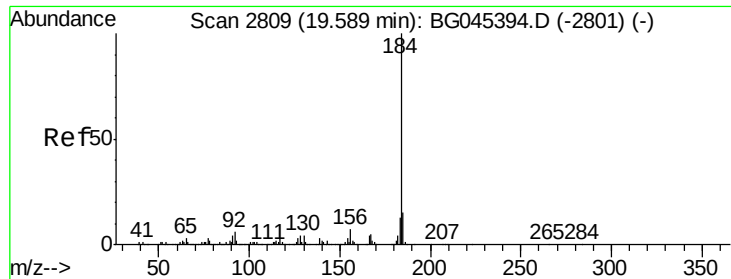
mohammad
 6/4/2020 12:11:13 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.62 min Scan# 3154
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	397082		
120	7.1	6.1	9.1	
236	26.2	22.3	33.5	





#77

Benzidine

Concen: 59.547 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

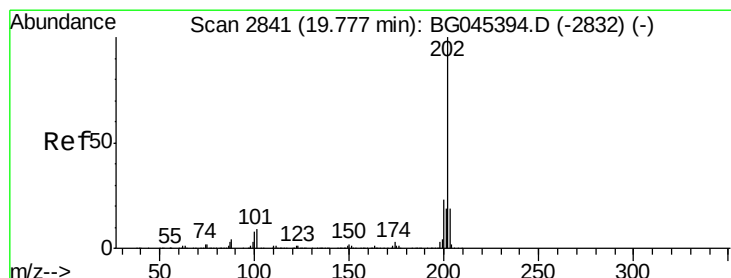
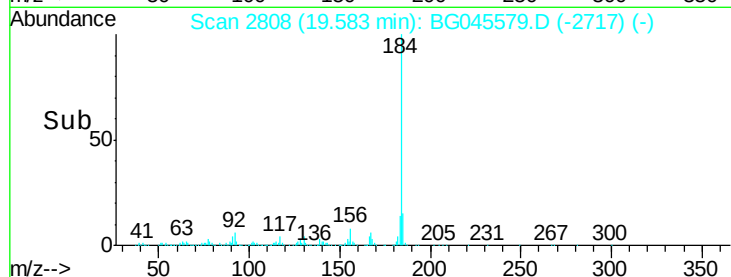
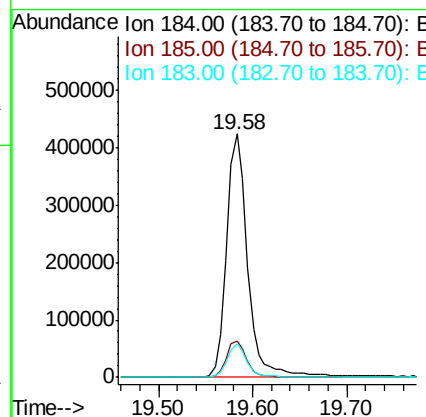
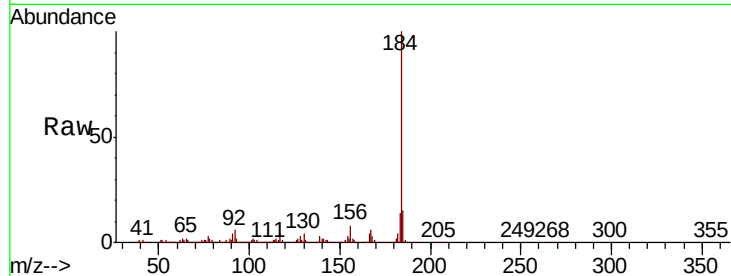
ClientSampled :

PB129213BS

Tot Ion:	184	Resp:	664080
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.7	17.5
183	13.7	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



#78

Pyrene

Concen: 48.555 ng

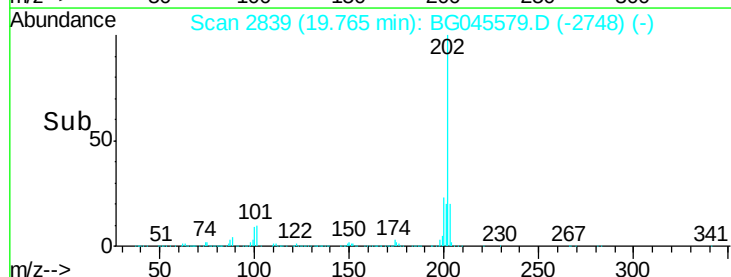
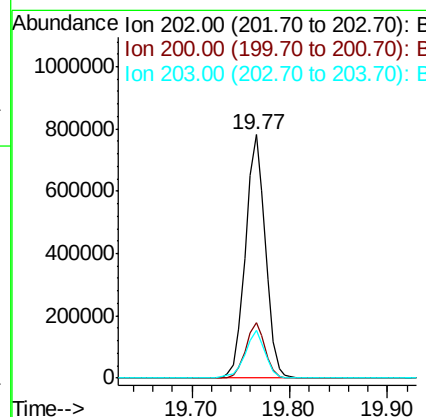
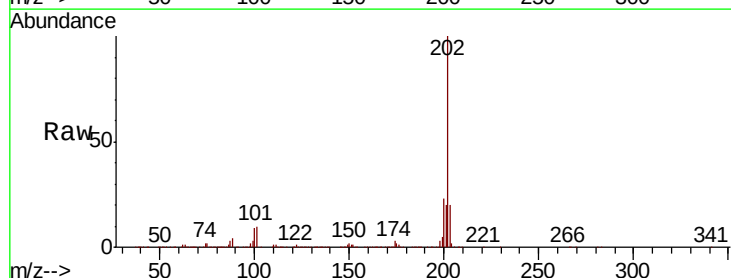
RT: 19.77 min Scan# 2839

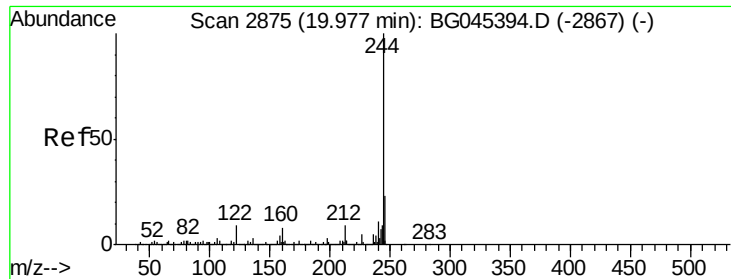
Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Tgt Ion:	202	Resp:	1099049
Ion Ratio	Lower	Upper	
202	100		
200	23.0	18.2	27.2
203	19.7	15.1	22.7





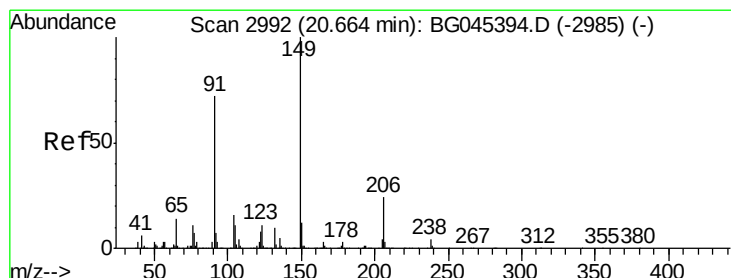
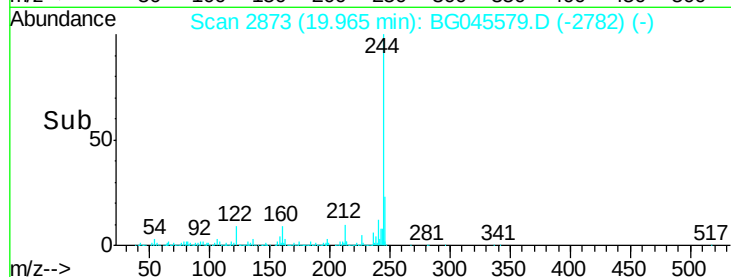
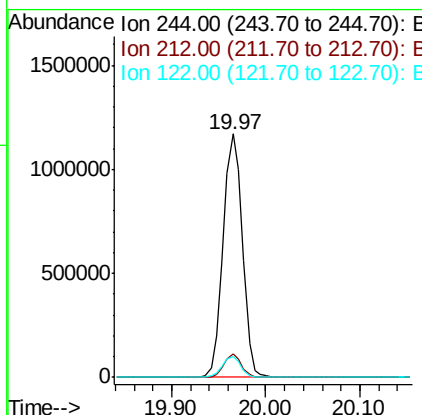
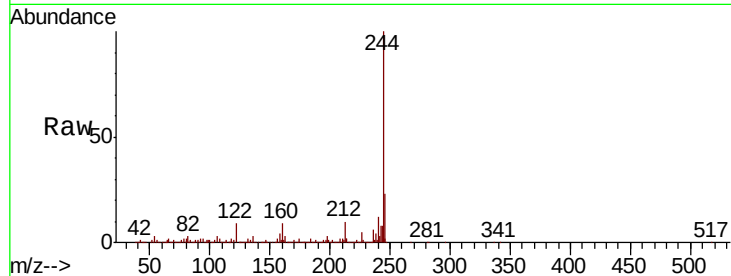
#79
 Terphenyl-d14
 Concen: 98.306 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.4	11.0
122	8.6	6.8	10.2

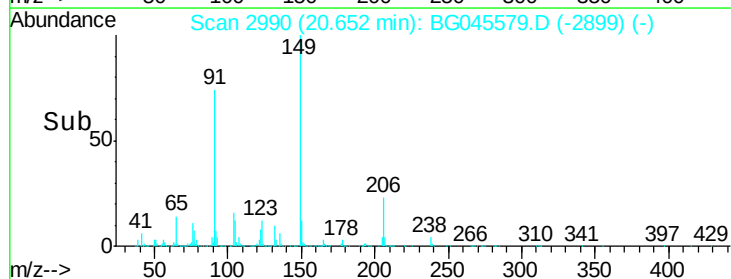
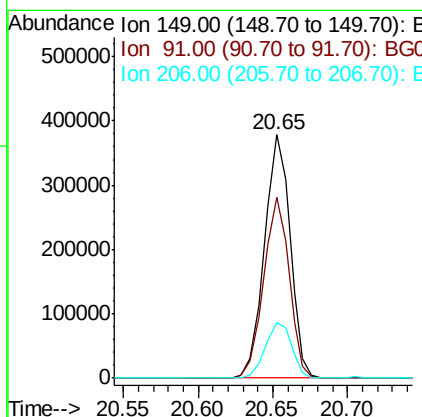
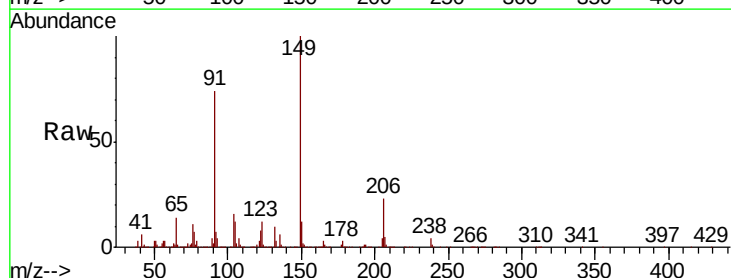
Manual Integrations
 APPROVED

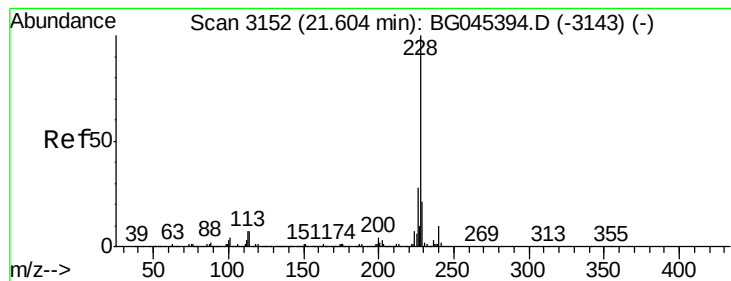
mohammad
 6/4/2020 12:11:13 PM



#80
 Butylbenzylphthalate
 Concen: 45.939 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.4	57.8	86.6
206	23.0	19.1	28.7





#81

Benzo(a)anthracene

Concen: 47.560 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

PB129213BS

Tot Ion:228 Resp: 1052035

Ion Ratio Lower Upper

228 100

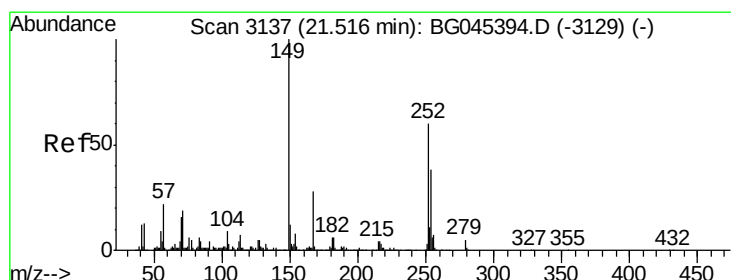
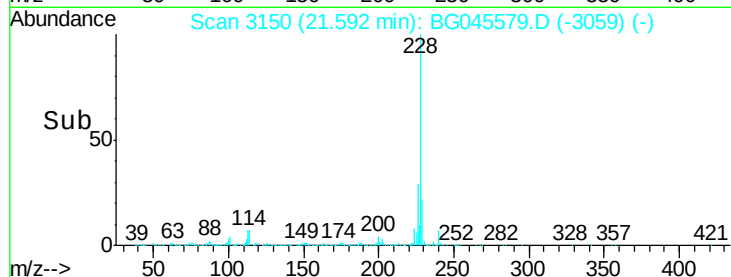
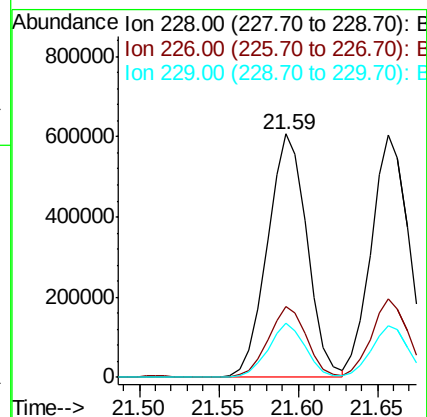
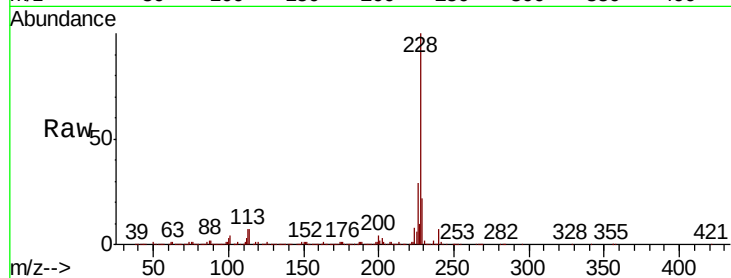
226 29.2 22.7 34.1

229 22.0 16.7 25.1

Manual Integrations
APPROVED

mohammad

6/4/2020 12:11:13 PM



#82

3,3'-Dichlorobenzidine

Concen: 42.546 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

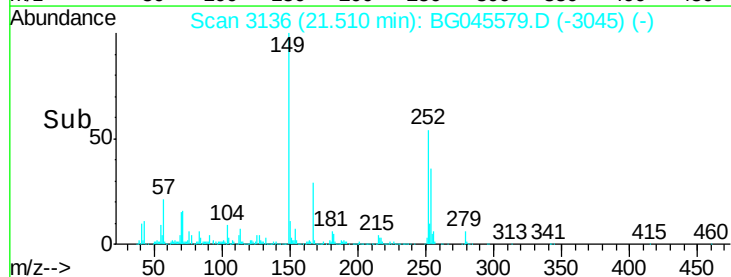
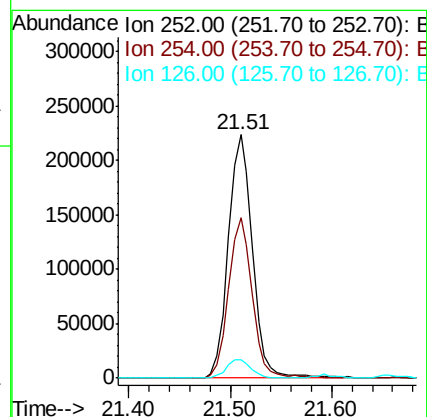
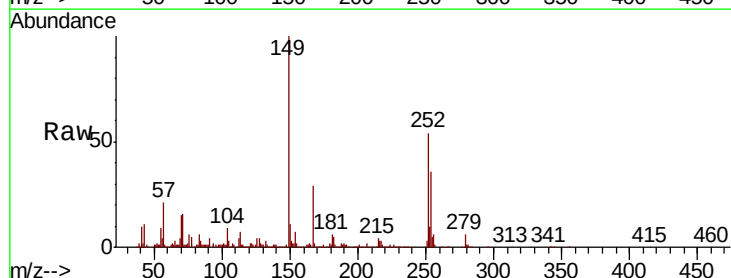
Tgt Ion:252 Resp: 369170

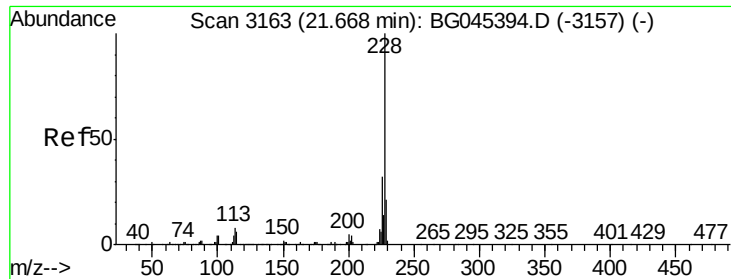
Ion Ratio Lower Upper

252 100

254 66.1 51.3 76.9

126 7.7 6.6 10.0





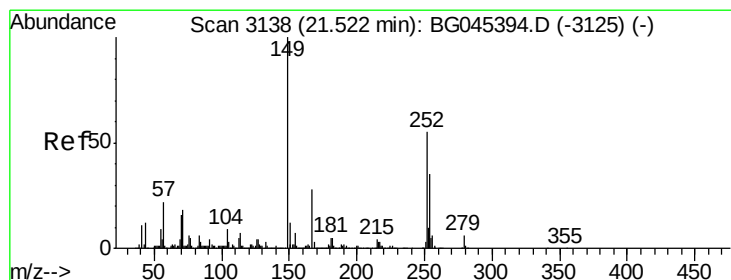
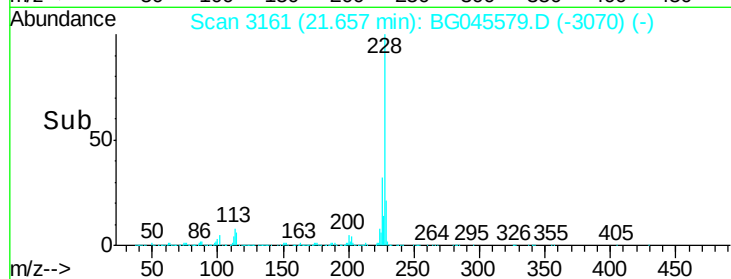
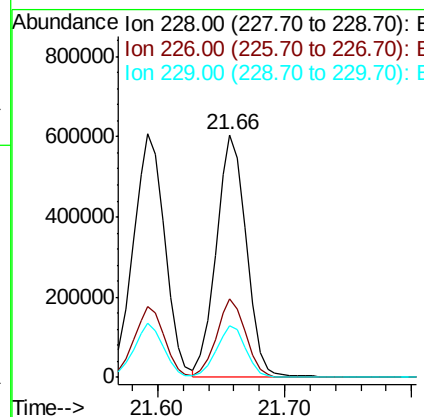
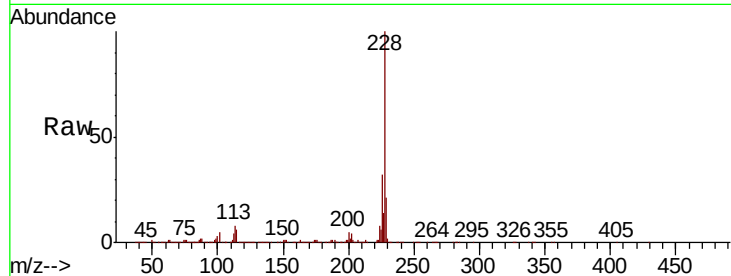
#83
 Chrysene
 Concen: 46.602 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129213BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.2	37.8
229	21.2	16.7	25.1

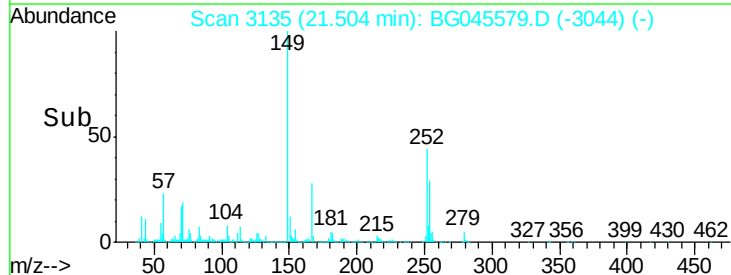
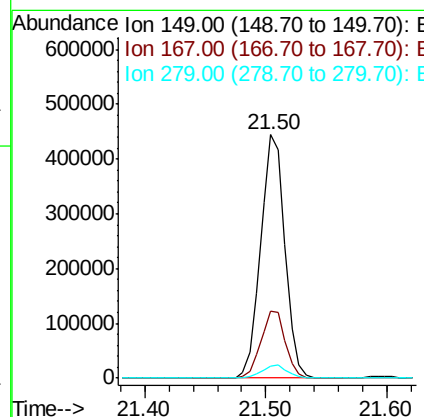
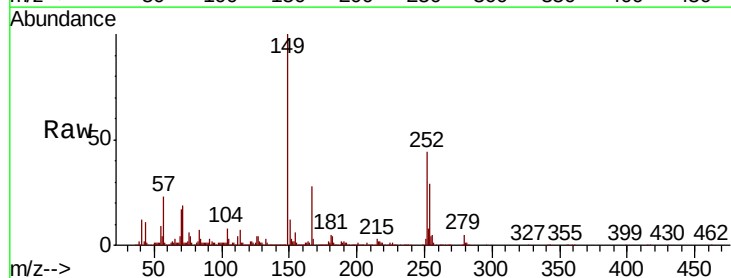
Manual Integrations
 APPROVED

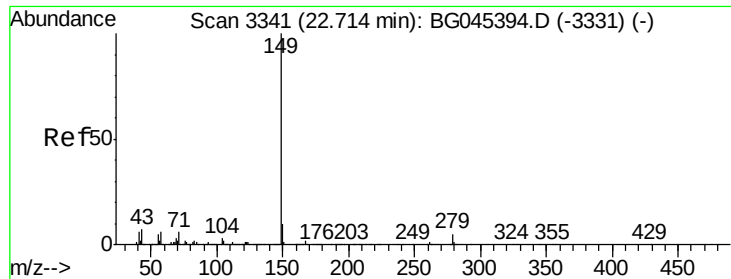
mohammad
 6/4/2020 12:11:13 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.126 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BG045579.D
 Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	5.1	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 45.811 ng

RT: 22.69 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

ClientSampleId :

PB129213BS

Tot Ion:149 Resp: 1056714

Ion Ratio Lower Upper

149 100

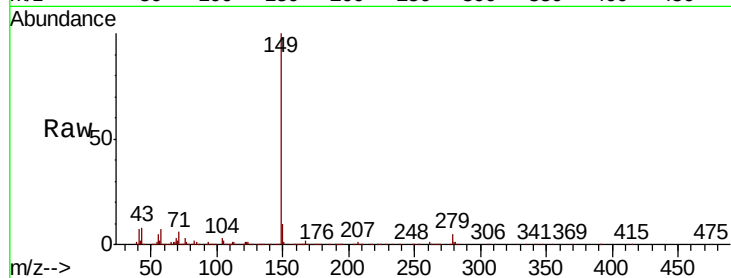
167 1.8 1.4 2.0

43 7.5 5.8 8.8

Manual Integrations
APPROVED

mohammad

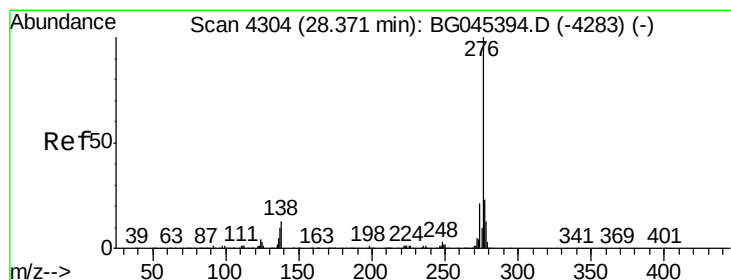
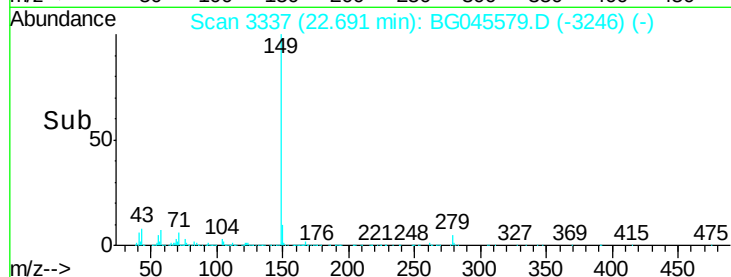
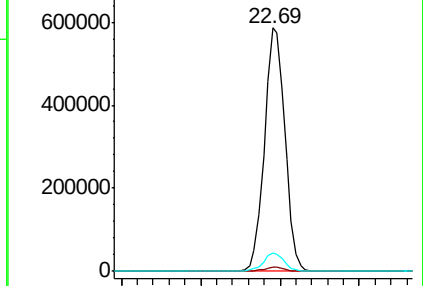
6/4/2020 12:11:13 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.286 ng

RT: 28.35 min Scan# 4300

Delta R.T. 0.02 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

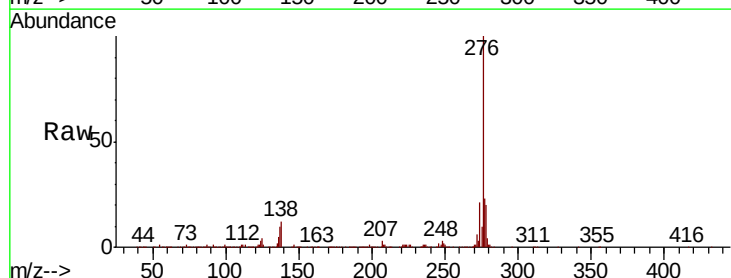
Tgt Ion:276 Resp: 1287365

Ion Ratio Lower Upper

276 100

138 15.0 8.6 12.8#

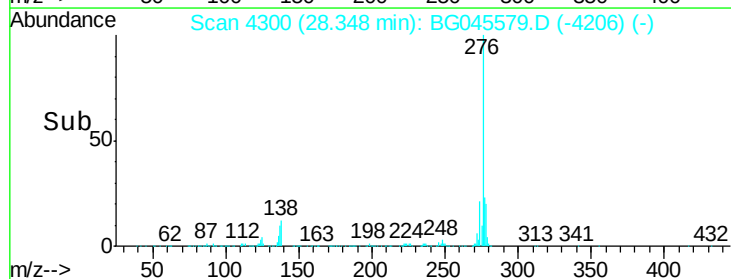
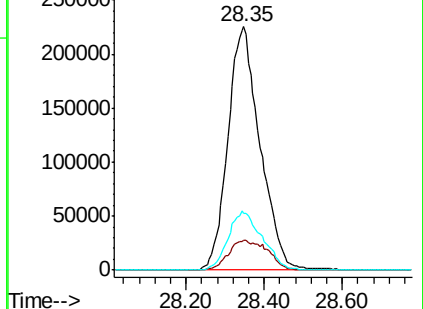
277 25.6 20.2 30.4

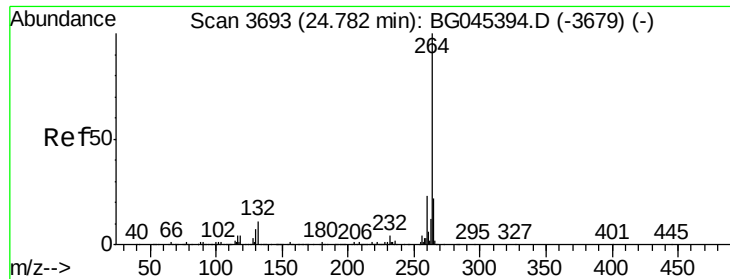


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3690

Delta R.T. 0.01 min

Lab File: BG045579.D

Acq: 3 Jun 2020 13:38

Instrument :

BNA_G

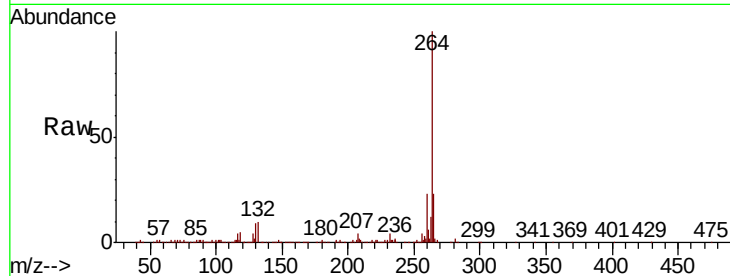
ClientSampleId :

PB129213BS

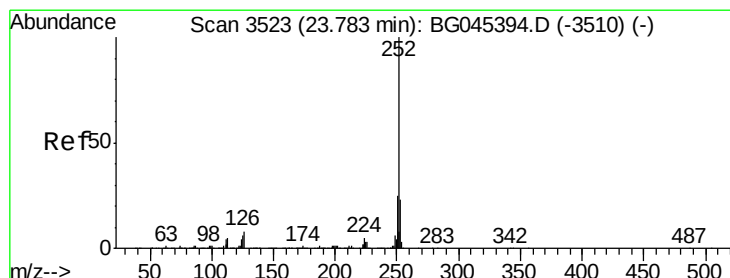
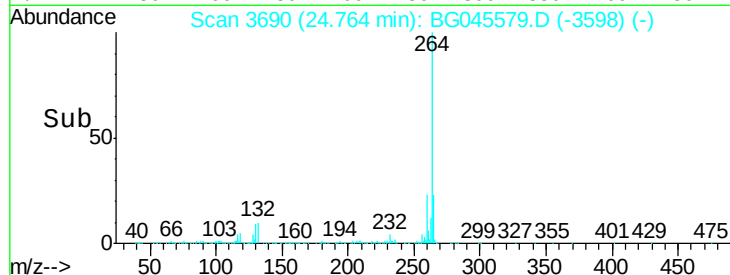
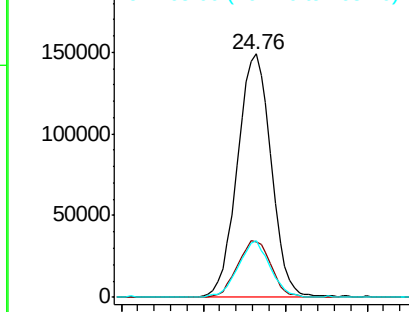
Tot Ion:	264	Resp:	427454
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.2	27.4
265	23.1	17.6	26.4

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.168 ng

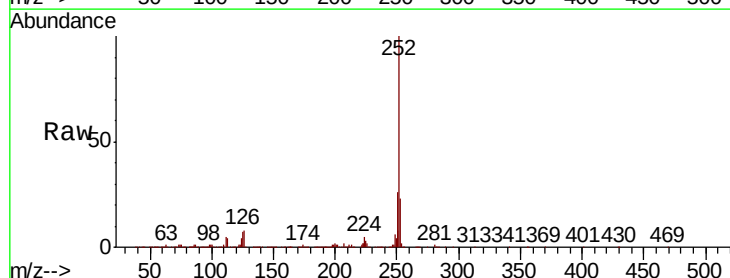
RT: 23.77 min Scan# 3520

Delta R.T. 0.01 min

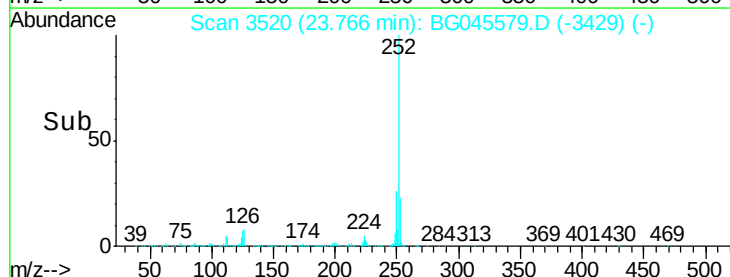
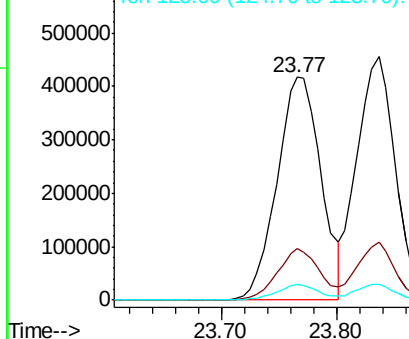
Lab File: BG045579.D

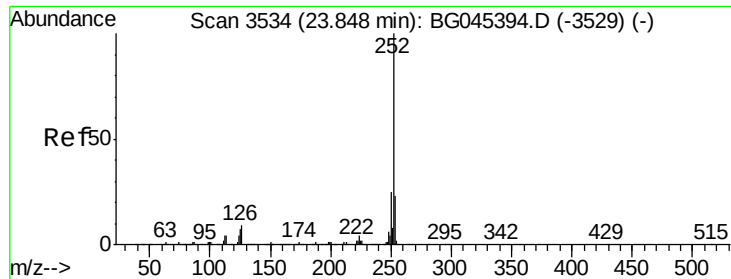
Acq: 3 Jun 2020 13:38

Tgt Ion:	252	Resp:	1104249
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.1	27.1
125	6.9	5.0	7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





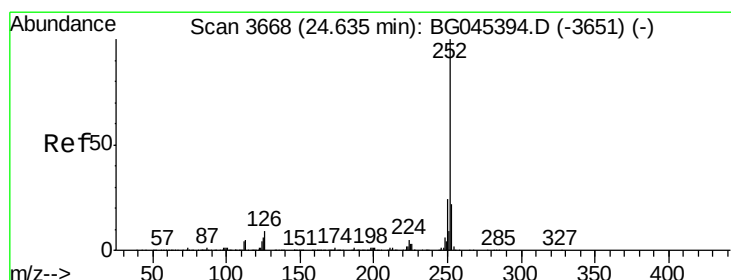
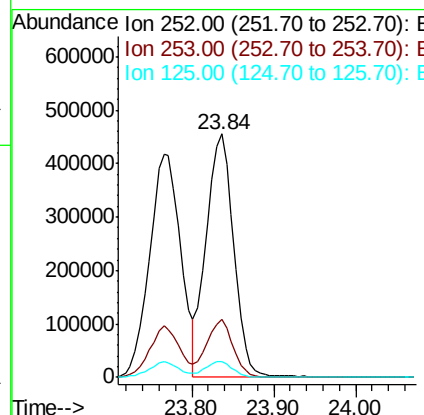
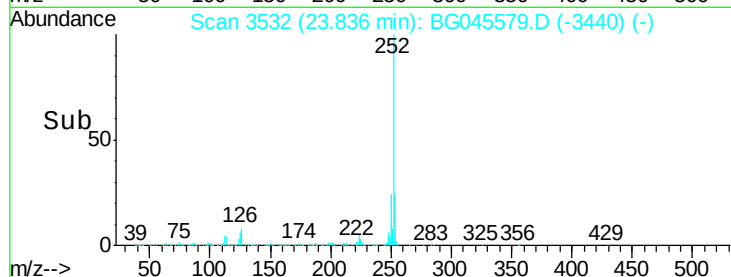
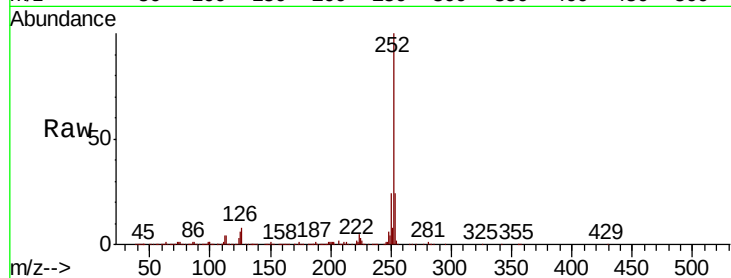
#89
Benzo(k)fluoranthene
Concen: 49.285 ng
RT: 23.84 min Scan# 3532
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	6.4	5.7	8.5

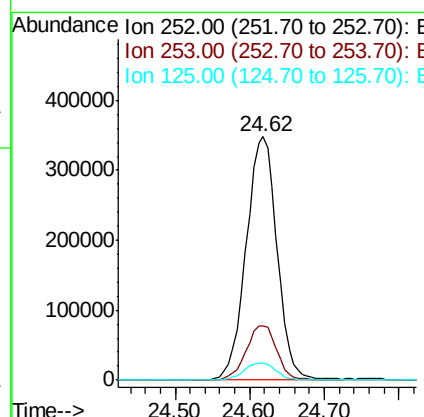
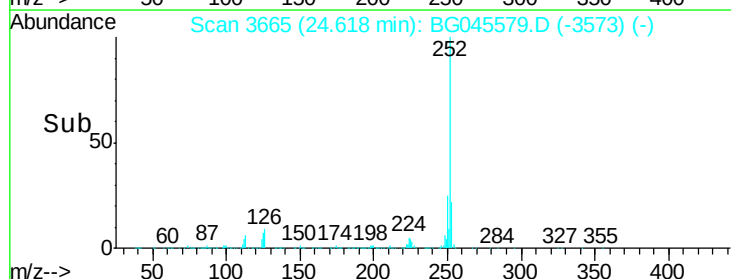
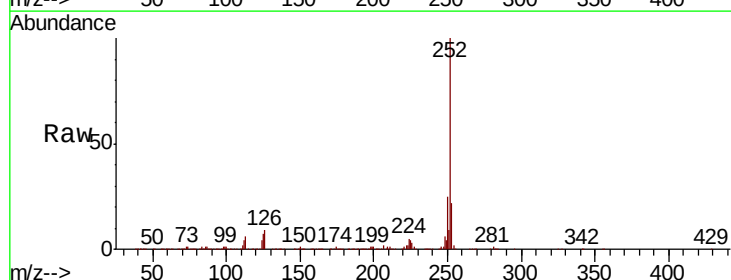
Manual Integrations
APPROVED

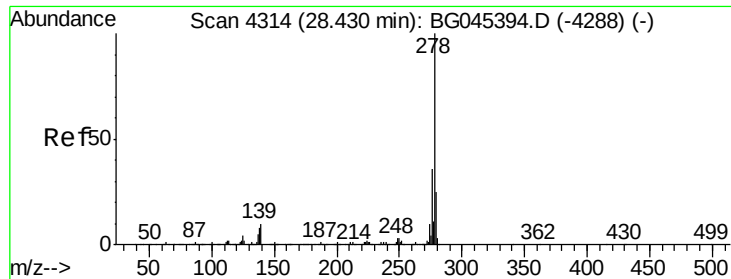
mohammad
6/4/2020 12:11:13 PM



#90
Benzo(a)pyrene
Concen: 46.792 ng
RT: 24.62 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	7.2	5.0	7.6





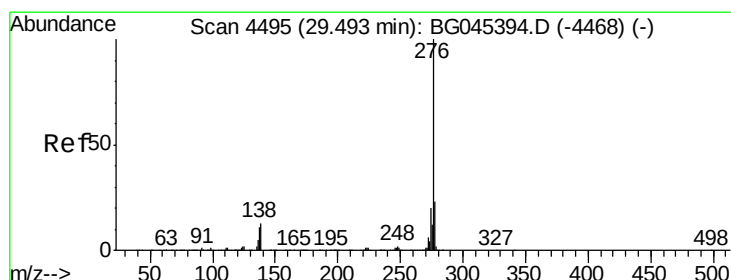
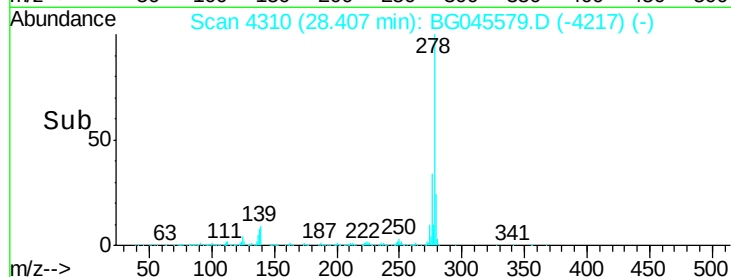
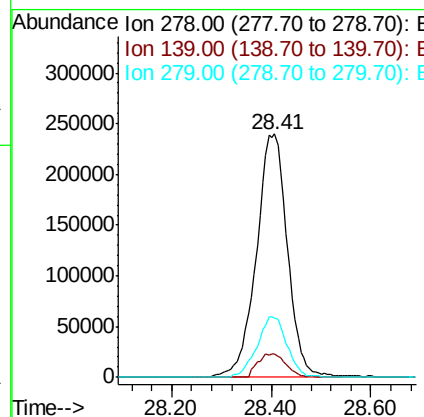
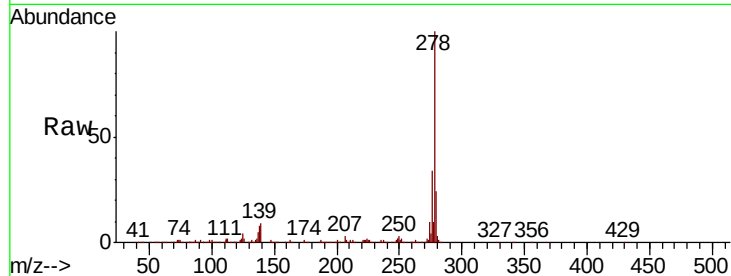
#91
Dibenzo(a,h)anthracene
Concen: 48.383 ng
RT: 28.41 min Scan# 4310
Delta R.T. 0.02 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	7.8	11.8
279	24.2	19.8	29.8

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:13 PM



#92
Benzo(g,h,i)perylene
Concen: 49.372 ng
RT: 29.46 min Scan# 4490
Delta R.T. 0.02 min
Lab File: BG045579.D
Acq: 3 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.1	27.1
138	12.8	10.2	15.4

