

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045635.D
 Acq On : 6 Jun 2020 5:00
 Operator : CG/JU
 Sample : L2814-13MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Manual Integrations
 APPROVED

mohammad
 6/8/2020 12:50:22 PM

Quant Time: Jun 06 07:10:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59742	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	233344	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	161846	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	378258	20.00	ng	0.00
76) Chrysene-d12	21.60	240	363058	20.00	ng	0.00
87) Perylene-d12	24.75	264	392161	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	471894	154.37	ng	0.00
7) Phenol-d6	7.15	99	582273	133.83	ng	0.00
23) Nitrobenzene-d5	9.11	82	473891	110.75	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	336641	162.64	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1034742	108.44	ng	0.00
79) Terphenyl-d14	19.96	244	1753249	112.63	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	66673	43.98	ng	# 50
3) Pyridine	3.83	79	130438	30.90	ng	98
4) n-Nitrosodimethylamine	3.73	42	73951	53.53	ng	88
6) Aniline	7.28	93	194406	34.23	ng	95
8) 2-Chlorophenol	7.53	128	183834	54.84	ng	100
9) Benzaldehyde	7.08	77	107974	38.09	ng	95
10) Phenol	7.18	94	206250	45.99	ng	100
11) bis(2-Chloroethyl)ether	7.37	93	175336	50.13	ng	96
12) 1,3-Dichlorobenzene	7.84	146	199289	49.47	ng	100
13) 1,4-Dichlorobenzene	7.99	146	201605	50.71	ng	97
14) 1,2-Dichlorobenzene	8.30	146	185804	48.59	ng	97
15) Benzyl Alcohol	8.20	79	197023	54.82	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	160464	48.33	ng	99
17) 2-Methylphenol	8.42	107	162842	48.52	ng	94
18) Hexachloroethane	9.04	117	77588	50.96	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	159593	53.04	ng	99
20) 3+4-Methylphenols	8.74	107	216062	47.27	ng	94
22) Acetophenone	8.77	105	289431	52.33	ng	97
24) Nitrobenzene	9.16	77	243292	53.07	ng	97
25) Isophorone	9.68	82	439223	52.12	ng	98
26) 2-Nitrophenol	9.87	139	109173	55.67	ng	97
27) 2,4-Dimethylphenol	9.95	122	172613	59.34	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	234430	53.04	ng	98
29) 2,4-Dichlorophenol	10.42	162	192360	56.00	ng	96
30) 1,2,4-Trichlorobenzene	10.62	180	211982	52.23	ng	96
31) Naphthalene	10.81	128	570538	52.47	ng	99
32) Benzoic acid	10.11	122	69166	37.68	ng	97
33) 4-Chloroaniline	10.92	127	82800	18.22	ng	96
34) Hexachlorobutadiene	11.10	225	147294	51.34	ng	97
35) Caprolactam	11.71	113	47156	37.40	ng	96
36) 4-Chloro-3-methylphenol	12.07	107	216413	55.91	ng	98
37) 2-Methylnaphthalene	12.42	142	431534	53.25	ng	95
38) 1-Methylnaphthalene	12.63	142	406631	53.11	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	244535	54.09	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045635.D
 Acq On : 6 Jun 2020 5:00
 Operator : CG/JU
 Sample : L2814-13MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PL-01-060320MS

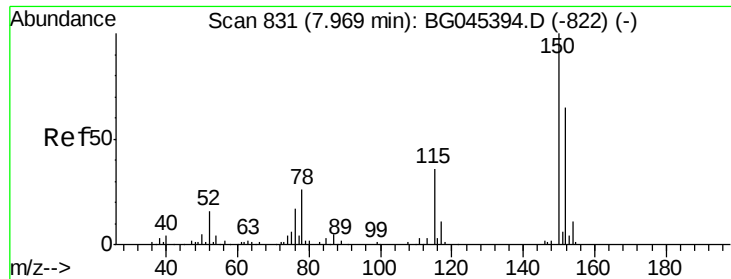
Manual Integrations
 APPROVED

mohammad
 6/8/2020 12:50:22 PM

Quant Time: Jun 06 07:10:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	255169	97.80	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	170822	54.40	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	176581	49.21	ng	96
46) 1,1'-Biphenyl	13.43	154	556573	55.97	ng	99
47) 2-Chloronaphthalene	13.47	162	419970	52.01	ng	99
48) 2-Nitroaniline	13.67	65	142978	53.82	ng	96
49) Acenaphthylene	14.32	152	689738	53.17	ng	99
50) Dimethylphthalate	14.06	163	723633	65.18	ng	99
51) 2,6-Dinitrotoluene	14.17	165	131567	52.52	ng	99
52) Acenaphthene	14.66	154	514703m	59.28	ng	
53) 3-Nitroaniline	14.50	138	81602	32.04	ng	98
54) 2,4-Dinitrophenol	14.71	184	141539	85.82	ng	95
55) Dibenzofuran	14.99	168	683451	53.01	ng	96
56) 4-Nitrophenol	14.85	139	153050	79.38	ng	87
57) 2,4-Dinitrotoluene	14.97	165	182528	50.31	ng	97
58) Fluorene	15.65	166	562222	53.07	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	166229	52.65	ng	100
60) Diethylphthalate	15.42	149	589649	51.03	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	305911	50.47	ng	96
62) 4-Nitroaniline	15.67	138	129234	48.61	ng	95
63) Azobenzene	15.93	77	569690	52.87	ng	97
65) 4,6-Dinitro-2-methylphenol	15.73	198	111968	50.83	ng	92
66) n-Nitrosodiphenylamine	15.85	169	489394	53.89	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	216862	52.95	ng	97
68) Hexachlorobenzene	16.66	284	229906	53.67	ng	98
69) Atrazine	16.80	200	190891	51.03	ng	99
70) Pentachlorophenol	17.00	266	243305	109.38	ng	96
71) Phenanthrene	17.39	178	898039	54.38	ng	99
72) Anthracene	17.48	178	912522	55.03	ng	98
73) Carbazole	17.75	167	843788	52.20	ng	99
74) Di-n-butylphthalate	18.31	149	1001522	51.62	ng	99
75) Fluoranthene	19.40	202	1114154	53.05	ng	99
77) Benzidine	19.58	184	323513	31.73	ng	100
78) Pyrene	19.76	202	1120554	54.14	ng	98
80) Butylbenzylphthalate	20.65	149	462666	51.79	ng	97
81) Benzo(a)anthracene	21.59	228	1102222	54.50	ng	100
82) 3,3'-Dichlorobenzidine	21.50	252	300969	37.94	ng	100
83) Chrysene	21.65	228	1054420	54.22	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	646972	52.69	ng	98
85) Di-n-octyl phthalate	22.68	149	1094208	51.88	ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1371696	53.94	ng	# 97
88) Benzo(b)fluoranthene	23.76	252	1168002	55.53	ng	99
89) Benzo(k)fluoranthene	23.82	252	1131173	57.25	ng	99
90) Benzo(a)pyrene	24.61	252	1063570	54.30	ng	98
91) Dibenzo(a,h)anthracene	28.38	278	1120286	56.91	ng	99
92) Benzo(g,h,i)perylene	29.43	276	1129078	57.35	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Instrument :

BNA_G

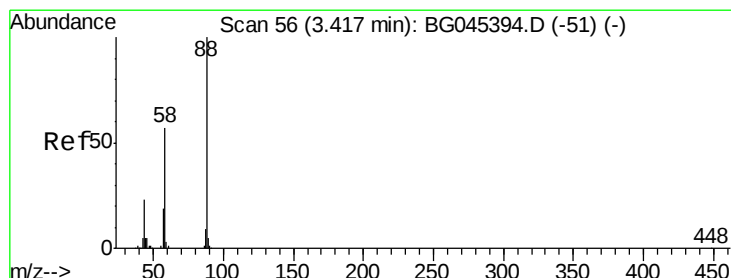
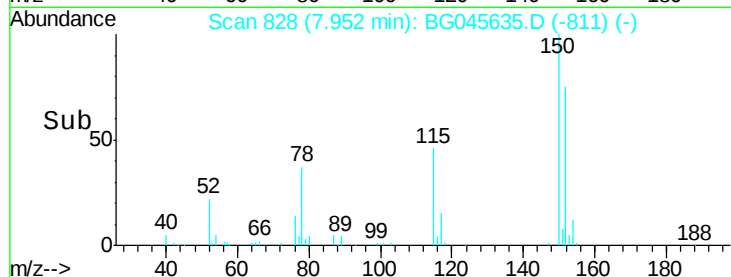
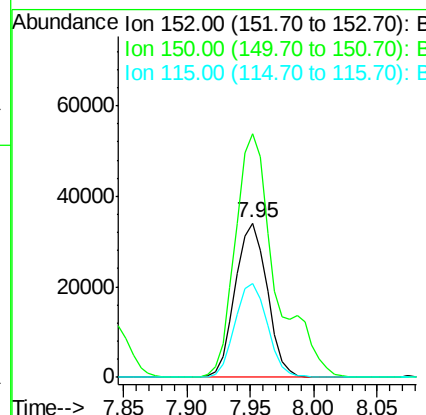
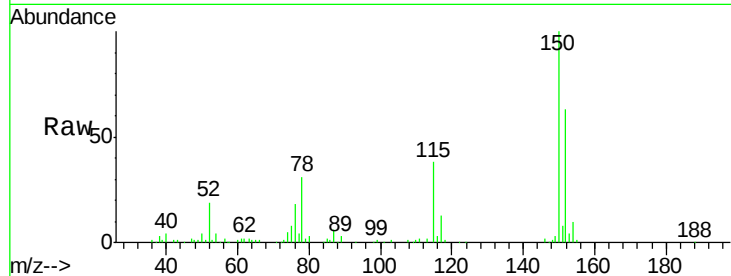
ClientSampleId :

PL-01-060320MS

Tgt Ion:	152	Resp:	59742
Ion Ratio	Lower	Upper	
152	100		
150	157.7	122.4	183.6
115	60.5	44.2	66.4

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#2

1,4-Dioxane

Concen: 43.98 ng

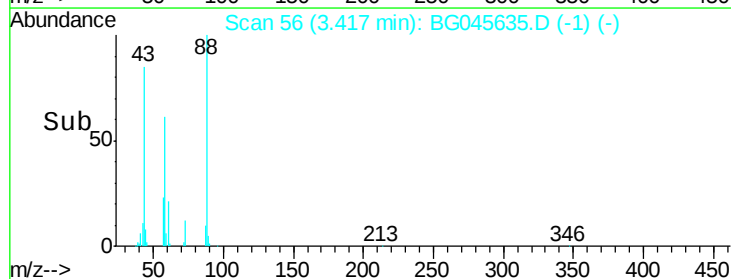
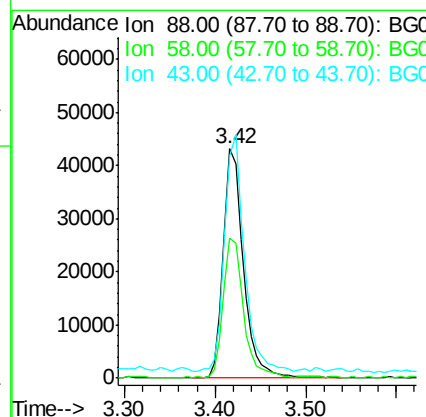
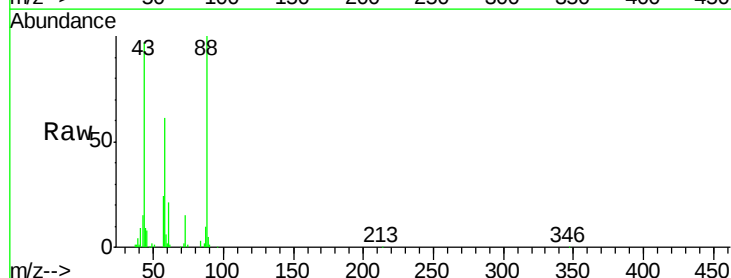
RT: 3.42 min Scan# 56

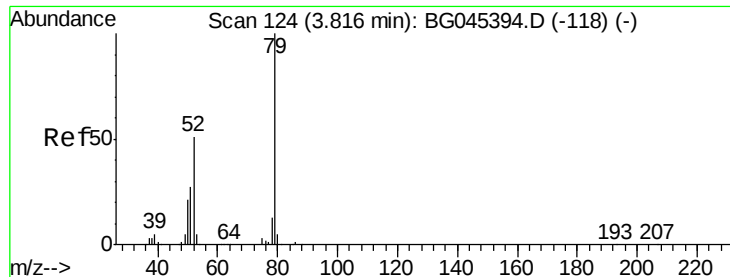
Delta R.T. 0.02 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Tgt Ion:	88	Resp:	66673
Ion Ratio	Lower	Upper	
88	100		
58	61.6	45.7	68.5
43	100.9	16.8	25.2#





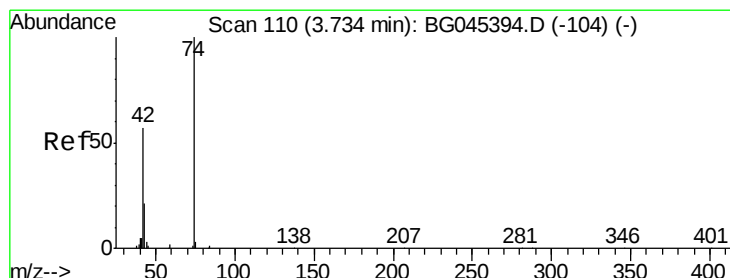
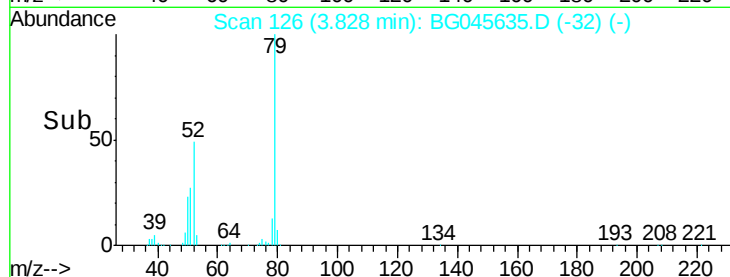
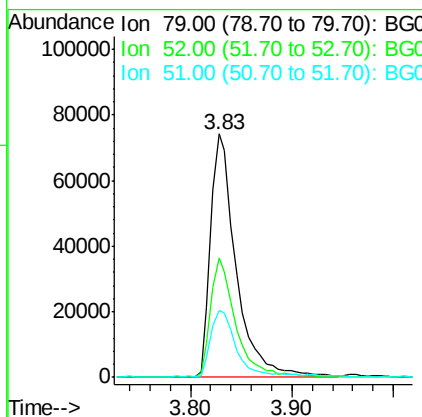
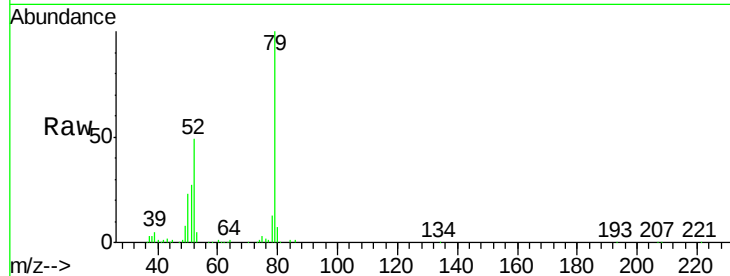
#3
 Pyridine
 Concen: 30.90 ng
 RT: 3.83 min Scan# 126
 Delta R.T. 0.02 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	49.3	40.8	61.2
51	27.4	21.9	32.9

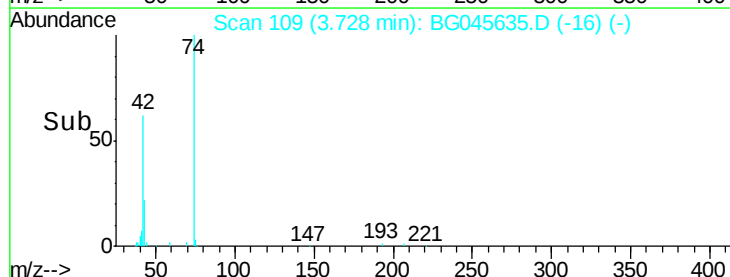
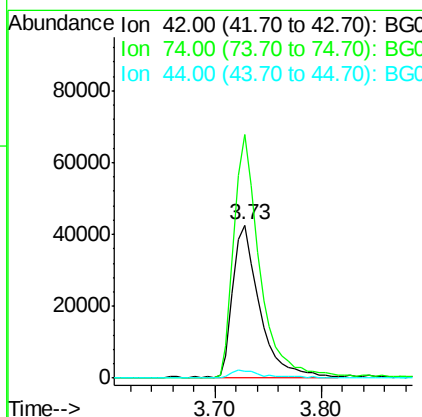
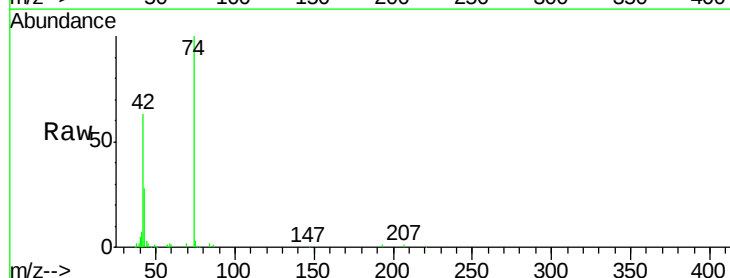
Manual Integrations
 APPROVED

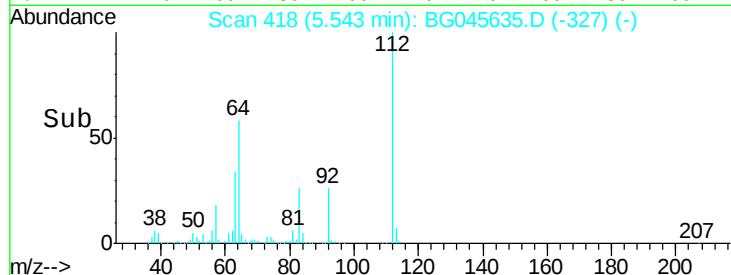
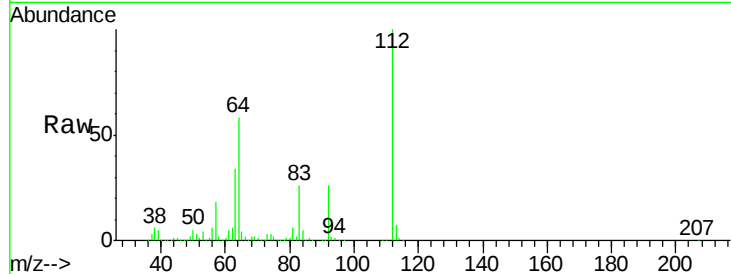
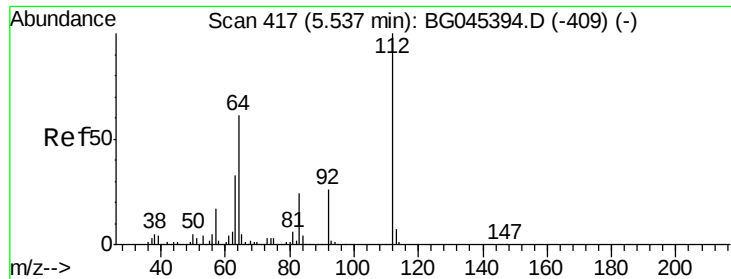
mohammad
 6/8/2020 12:50:22 PM



#4
 n-Nitrosodimethylamine
 Concen: 53.53 ng
 RT: 3.73 min Scan# 109
 Delta R.T. 0.02 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	159.3	141.3	211.9
44	4.3	4.2	6.4





#5

2-Fluorophenol

Concen: 154.37 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	471894		
64	57.8	48.6	72.8	
63	33.7	26.5	39.7	

Instrument :

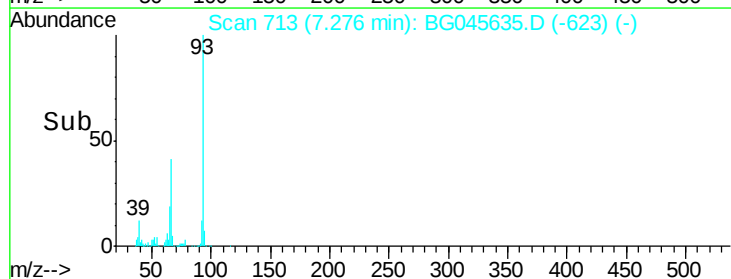
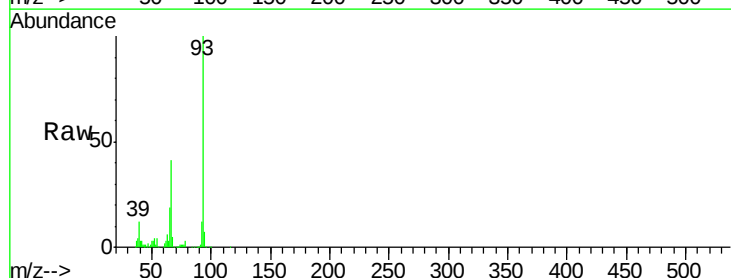
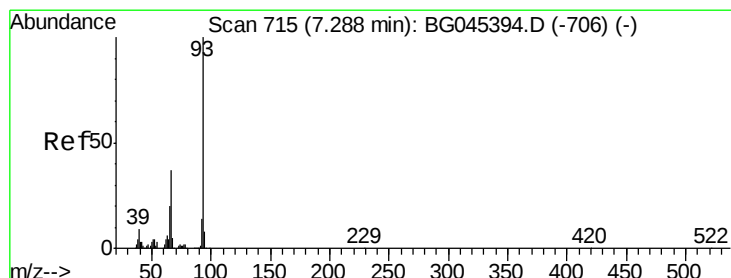
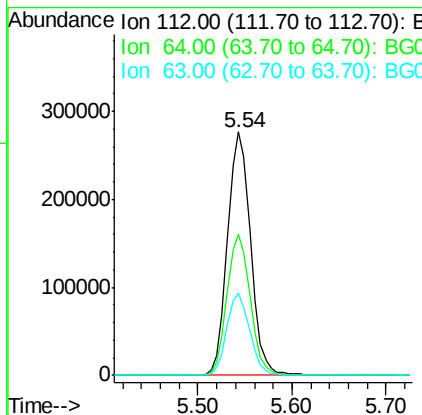
BNA_G

ClientSampleId :

PL-01-060320MS

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#6

Aniline

Concen: 34.23 ng

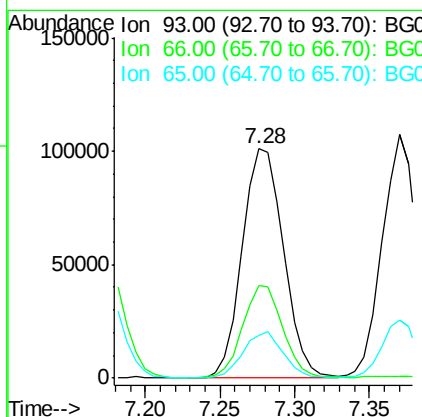
RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	194406		
66	40.6	29.6	44.4	
65	18.7	15.9	23.9	





#7

Phenol-d6

Concen: 133.83 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Instrument :

BNA_G

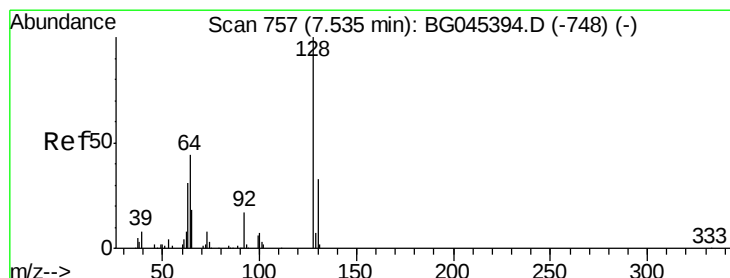
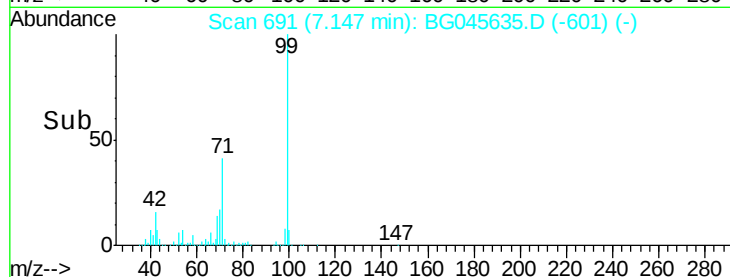
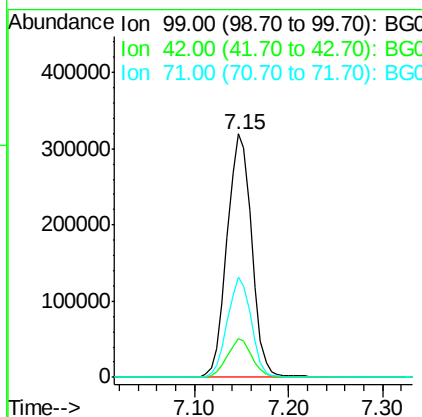
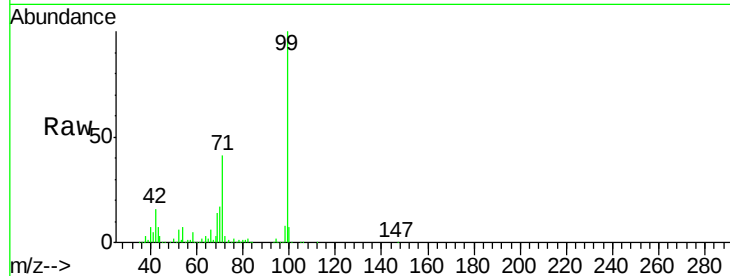
ClientSampleId :

PL-01-060320MS

Tgt Ion:	99	Resp:	582273
Ion Ratio	Lower	Upper	
99	100		
42	16.0	11.3	16.9
71	41.0	30.8	46.2

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#8

2-Chlorophenol

Concen: 54.84 ng

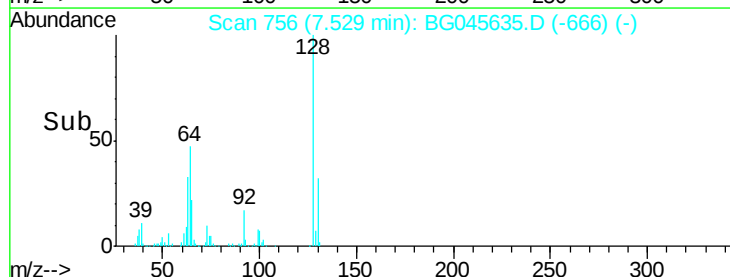
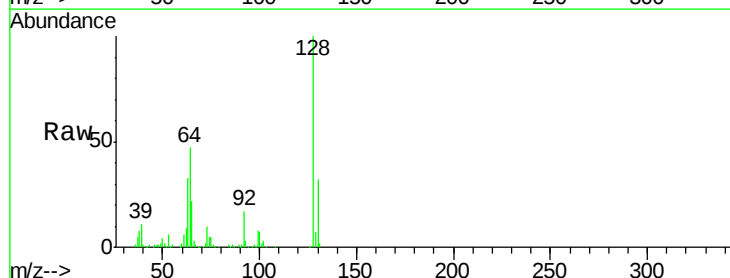
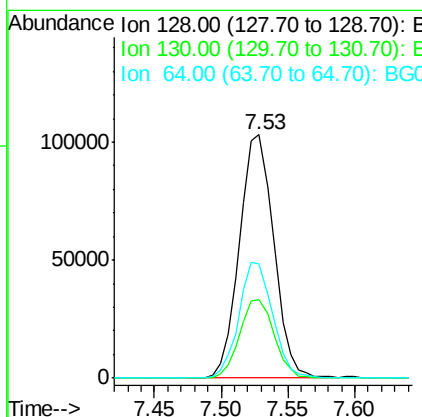
RT: 7.53 min Scan# 756

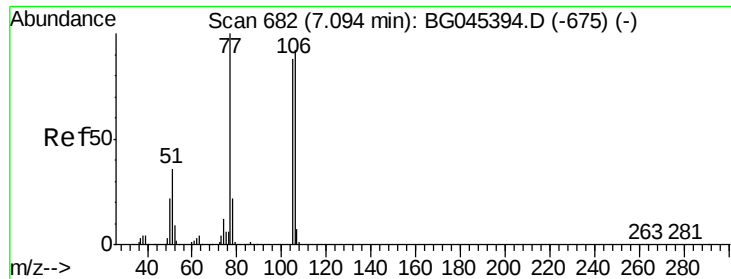
Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Tgt Ion:	128	Resp:	183834
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.6	52.6
64	47.0	27.0	67.0





#9

Benzaldehyde

Concen: 38.09 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Instrument :

BNA_G

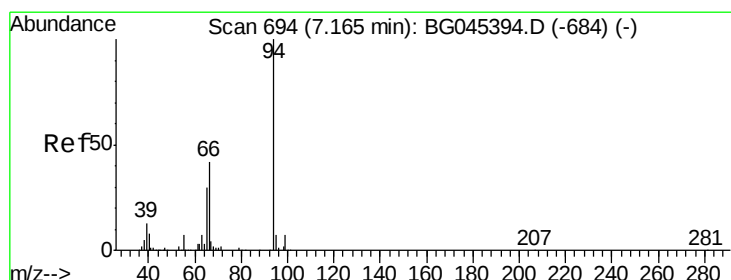
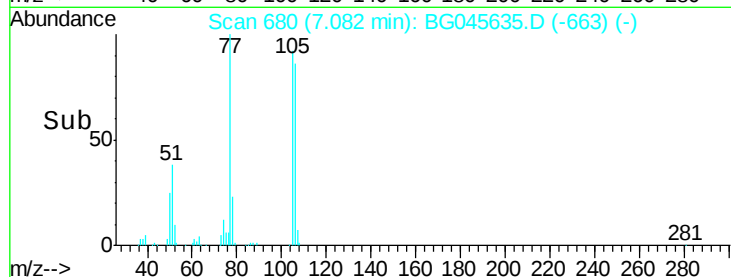
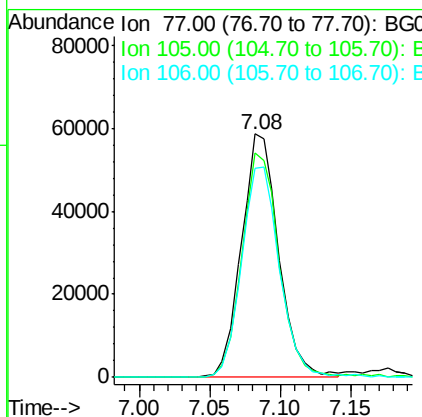
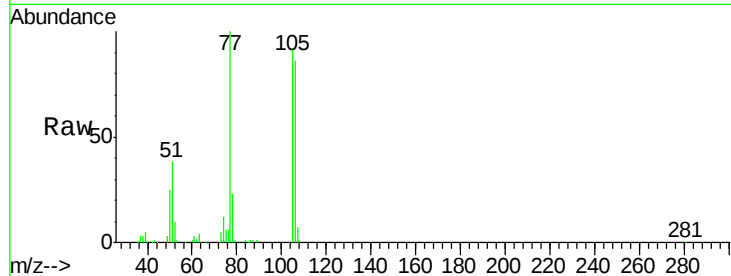
ClientSampleId :

PL-01-060320MS

Tgt Ion:	77	Resp:	107974
Ion Ratio	Lower	Upper	
77	100		
105	92.4	68.5	108.5
106	86.1	71.6	111.6

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#10

Phenol

Concen: 45.99 ng

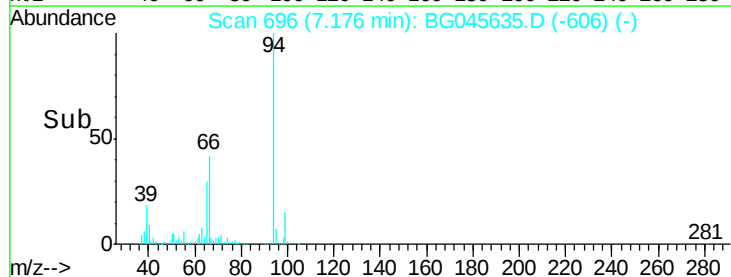
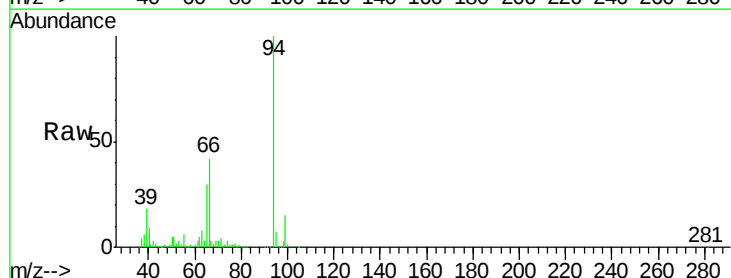
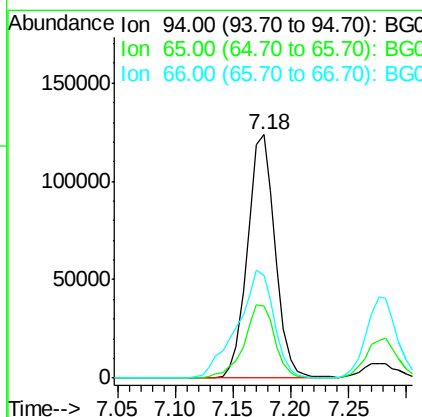
RT: 7.18 min Scan# 696

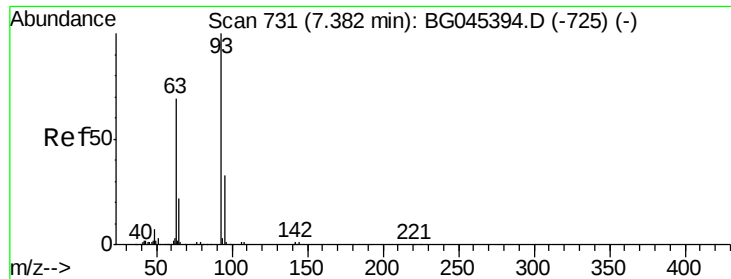
Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Tgt Ion:	94	Resp:	206250
Ion Ratio	Lower	Upper	
94	100		
65	29.8	9.8	49.8
66	42.3	22.0	62.0





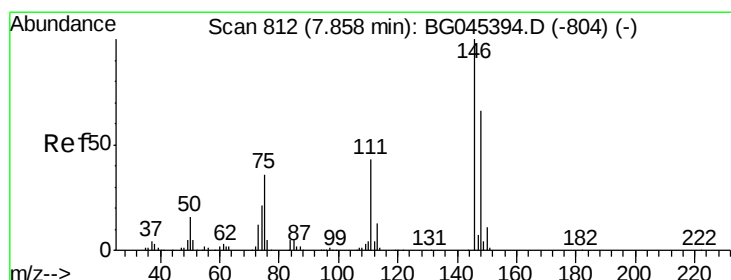
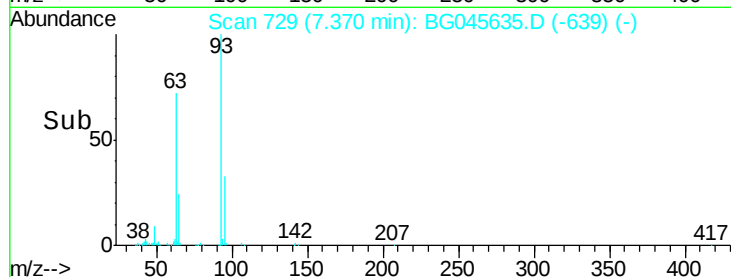
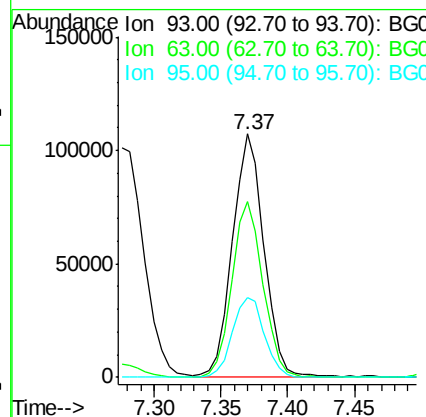
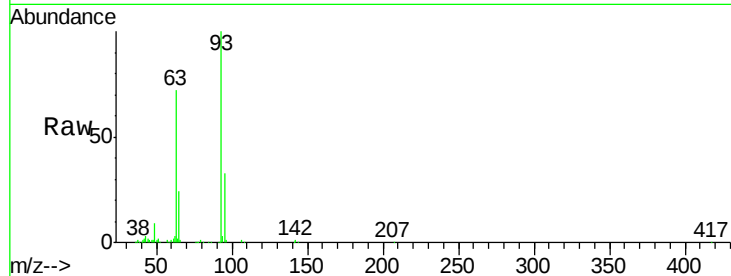
#11
bis(2-Chloroethyl)ether
Concen: 50.13 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	175336		
63	72.4	48.4	88.4	
95	33.0	12.4	52.4	

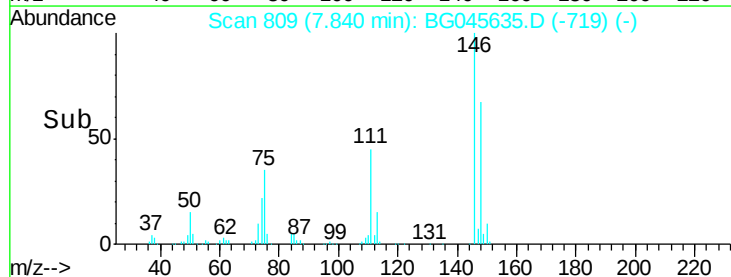
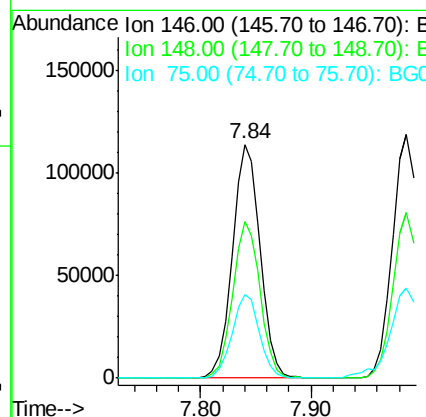
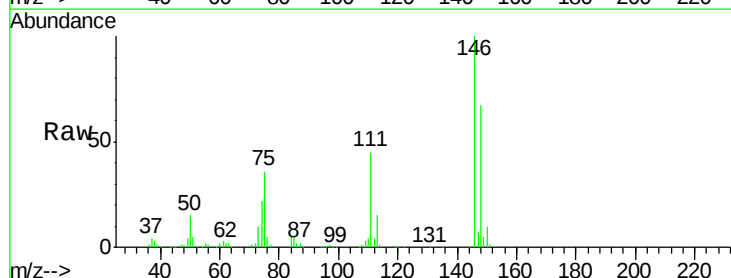
Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#12
1,3-Dichlorobenzene
Concen: 49.47 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	199289		
148	66.9	53.2	79.8	
75	35.6	28.6	43.0	





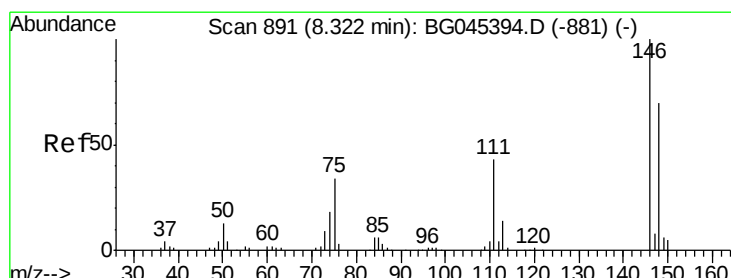
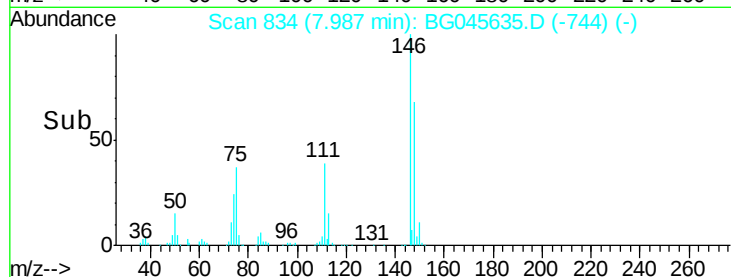
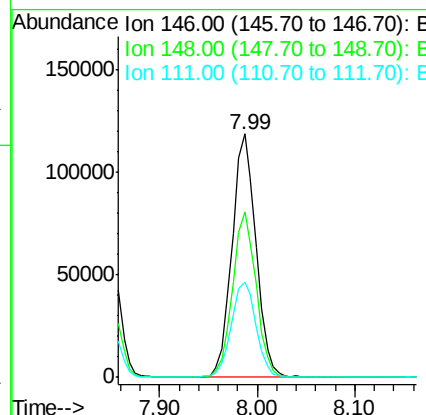
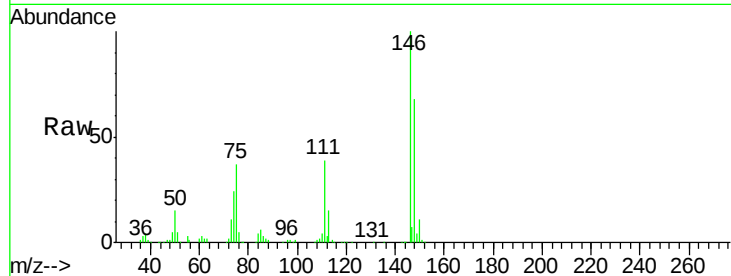
#13
 1,4-Dichlorobenzene
 Concen: 50.71 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	68.2	51.8	77.8
111	39.3	32.1	48.1

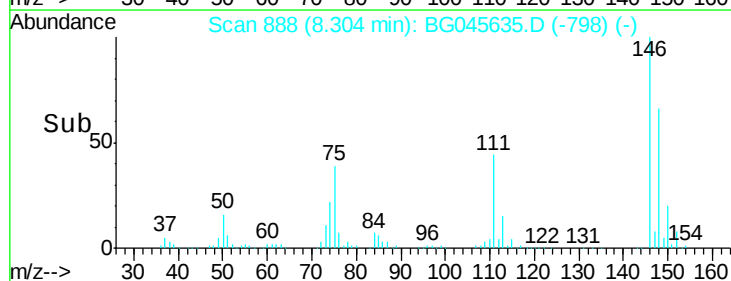
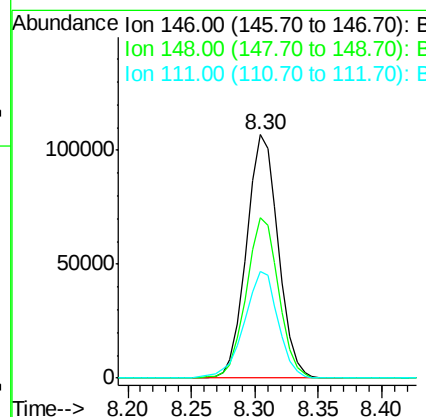
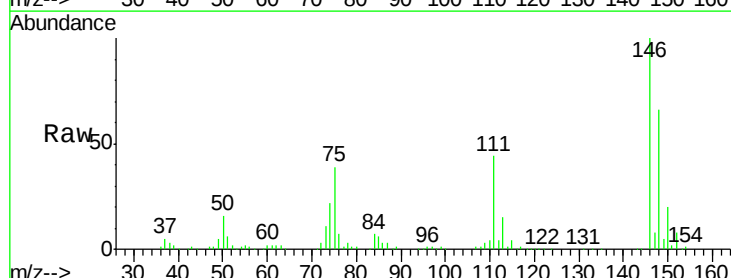
Manual Integrations
 APPROVED

mohammad
 6/8/2020 12:50:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 48.59 ng
 RT: 8.30 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	66.1	55.9	83.9
111	43.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 54.82 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Instrument :

BNA_G

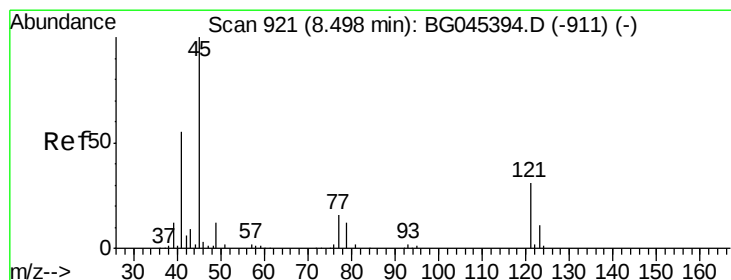
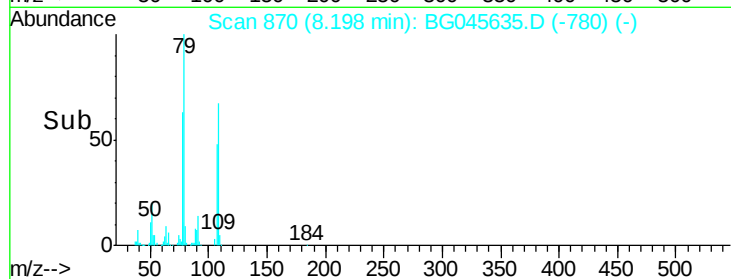
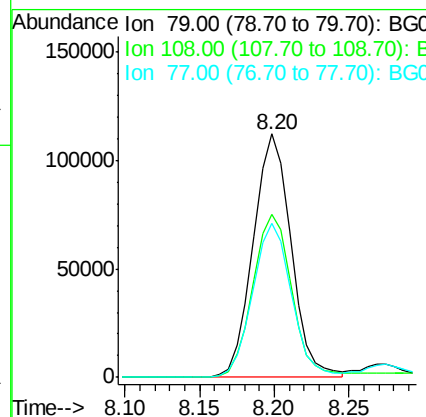
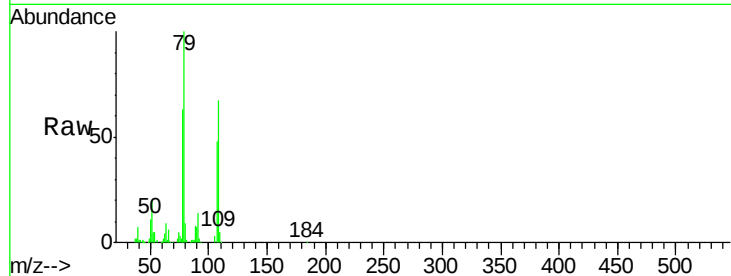
ClientSampleId :

PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	66.8	58.2	87.4
77	63.4	51.0	76.4

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.33 ng

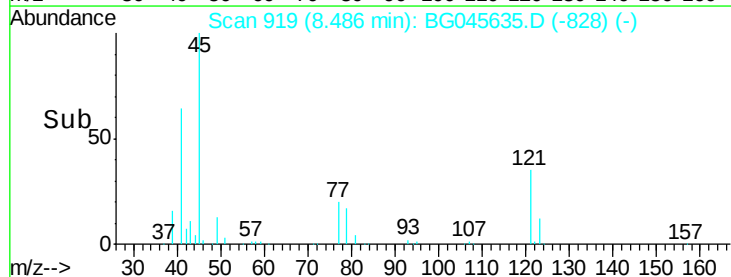
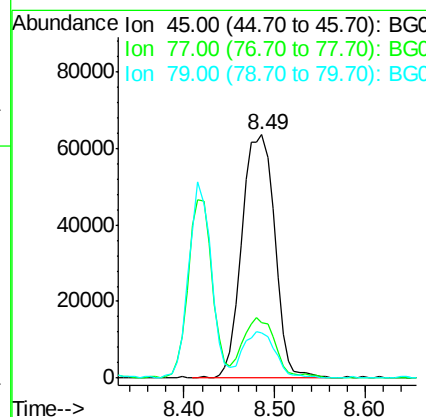
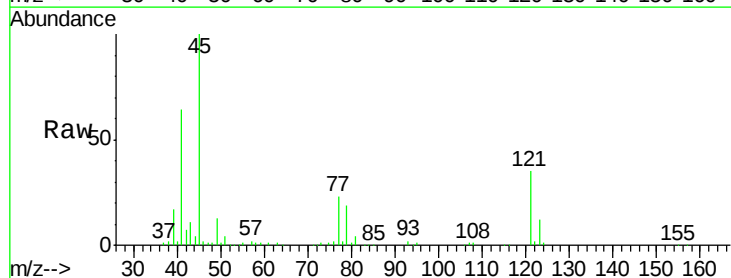
RT: 8.49 min Scan# 919

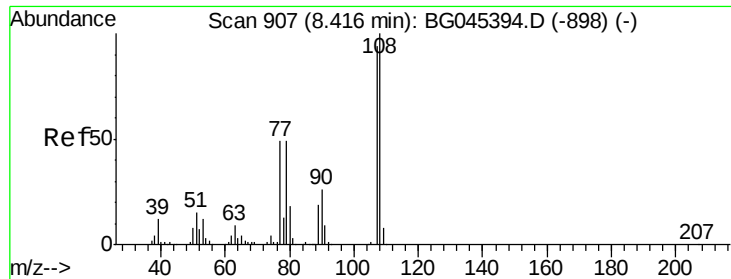
Delta R.T. 0.01 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.0	4.0	44.0
79	18.7	0.0	38.6





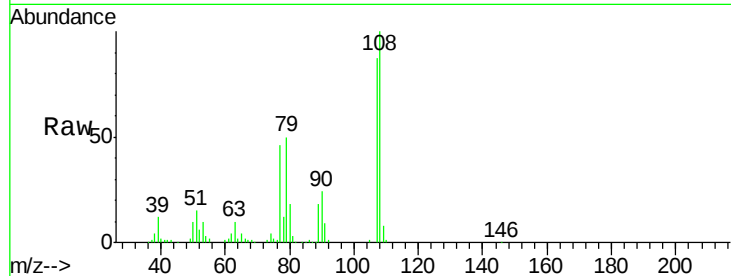
#17
2-Methylphenol
Concen: 48.52 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	115.1	85.2	127.8	
77	52.7	41.6	62.4	
79	57.8	41.8	62.8	

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



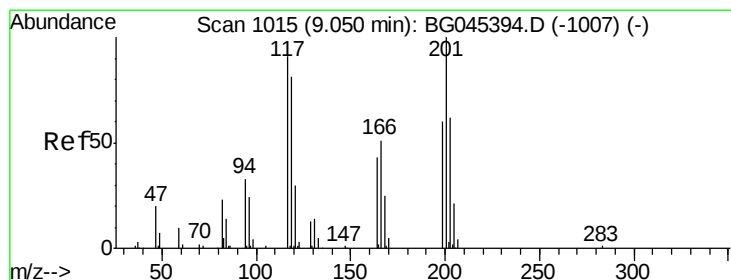
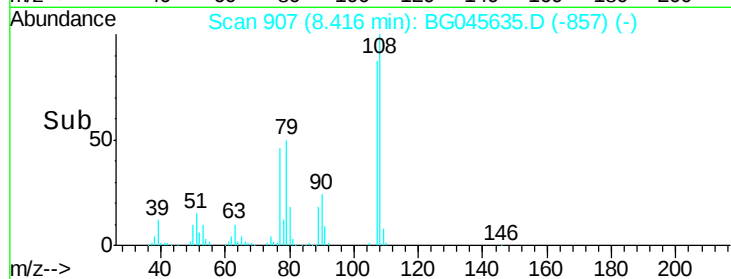
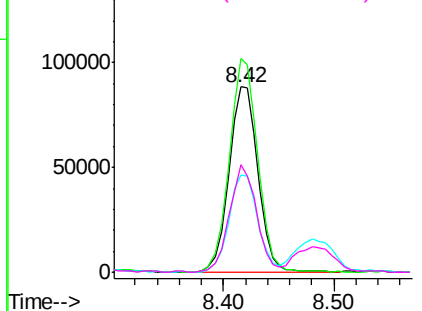
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

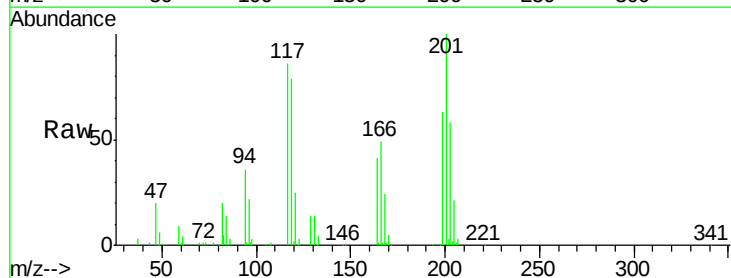
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 50.96 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt	Ion	Resp	Lower	Upper
117	100			
119	91.1	71.3	106.9	
201	116.0	87.5	131.3	

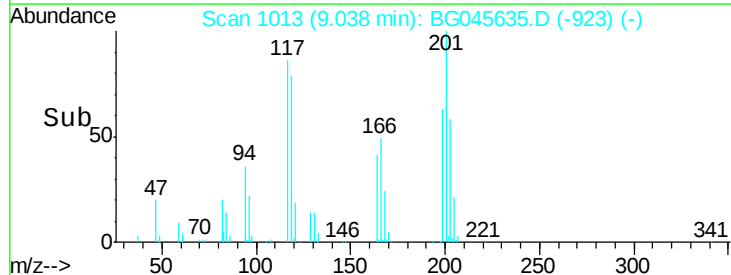
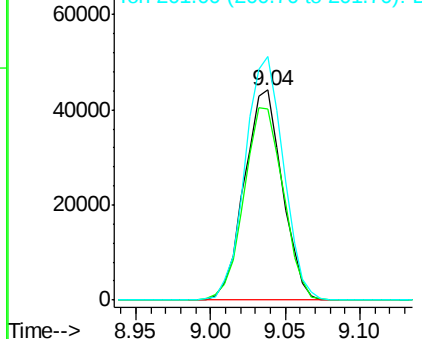


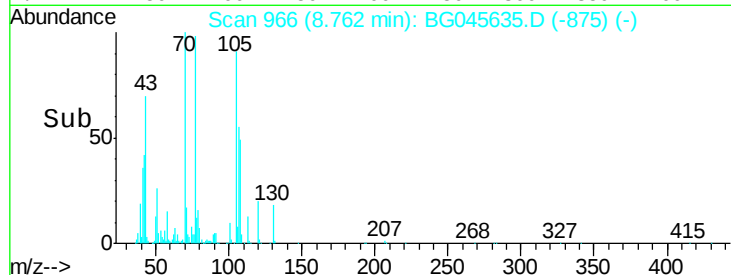
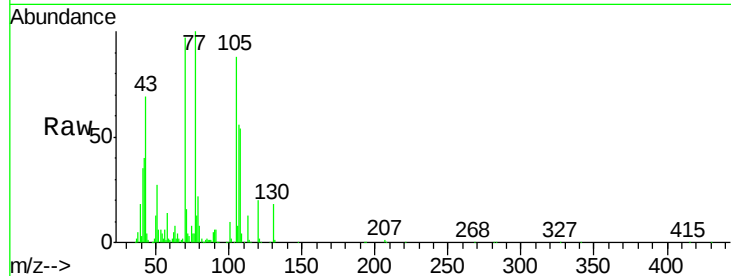
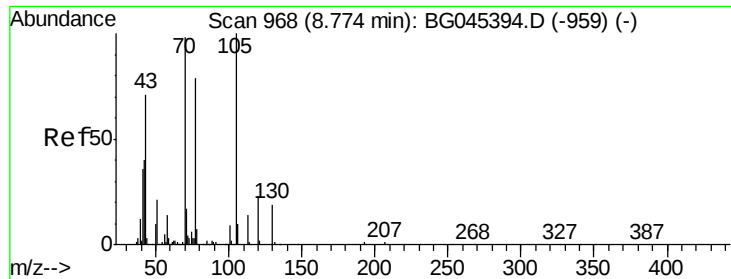
Abundance

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





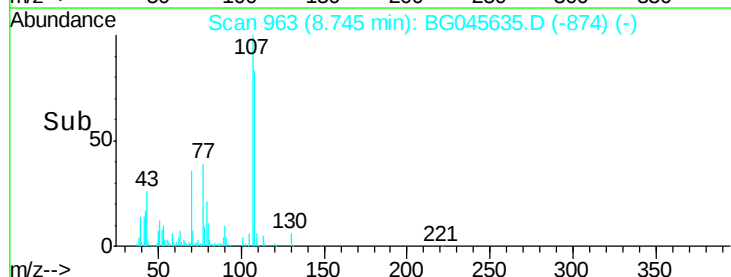
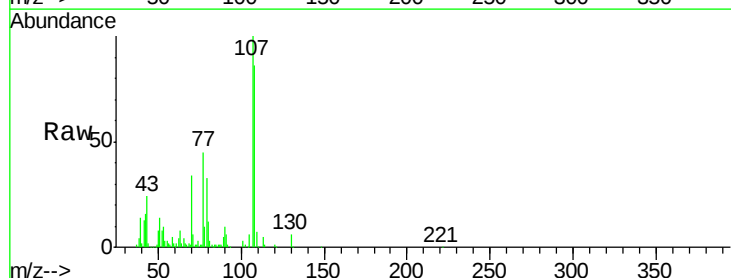
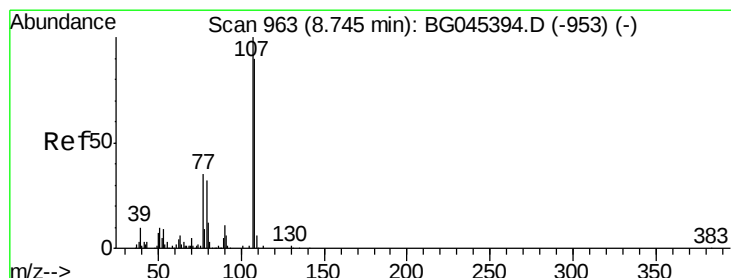
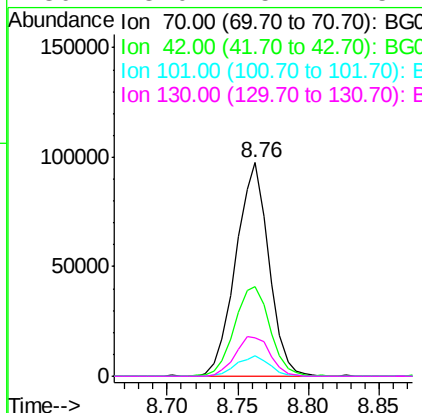
#19
n-Nitroso-di-n-propylamine
Concen: 53.04 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	159593		
42	41.7	33.2	49.8	
101	9.9	7.8	11.6	
130	18.0	15.4	23.2	

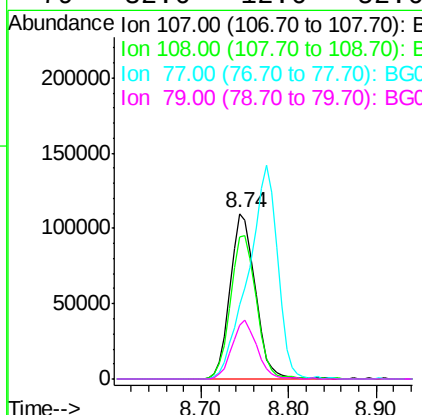
Manual Integrations
APPROVED

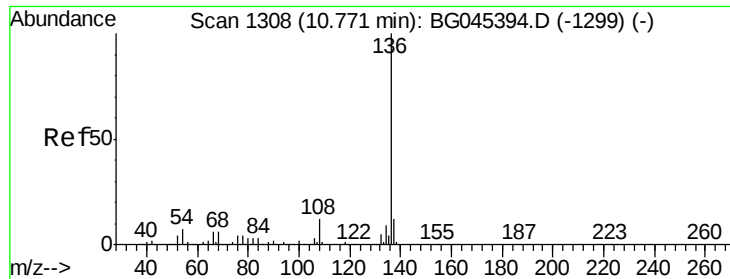
mohammad
6/8/2020 12:50:22 PM



#20
3+4-Methylphenols
Concen: 47.27 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	216062		
108	85.9	70.3	110.3	
77	44.7	15.4	55.4	
79	32.6	12.6	52.6	





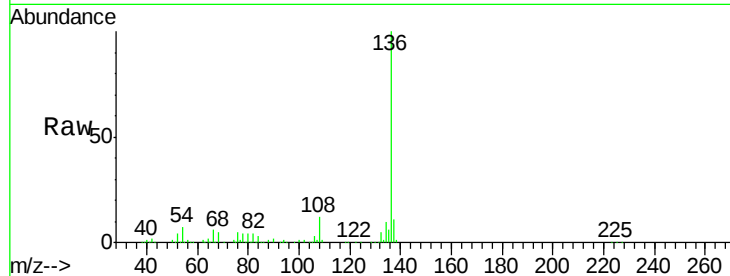
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	233344		
137	11.4	9.4	14.2	
54	6.8	5.8	8.6	
68	4.9	4.5	6.7	

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



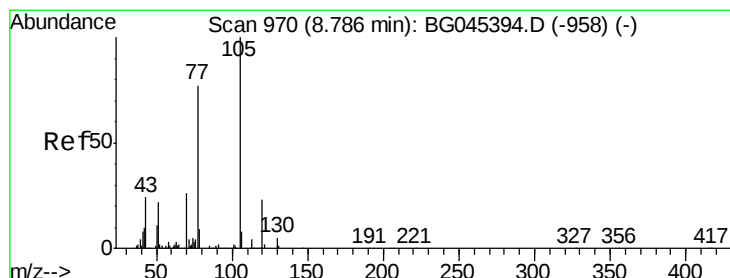
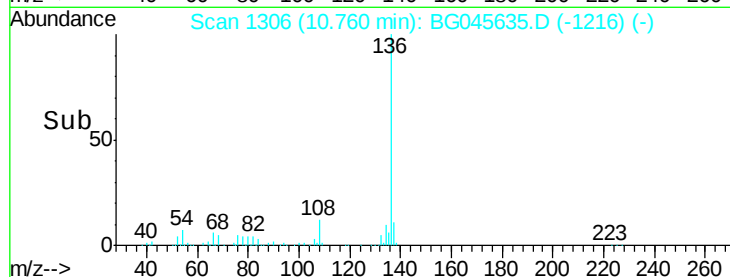
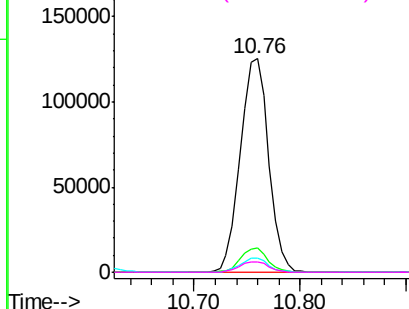
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 52.33 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	289431		
71	4.6	3.4	5.0	
51	24.5	18.2	27.2	
120	21.6	18.6	27.8	

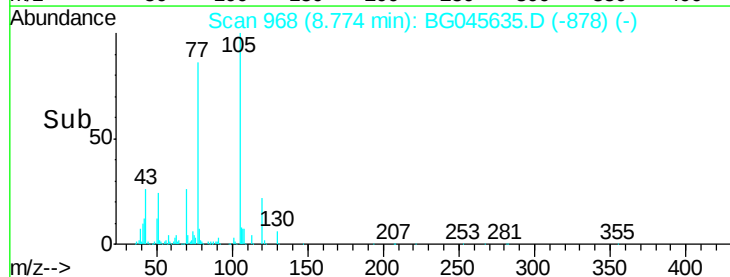
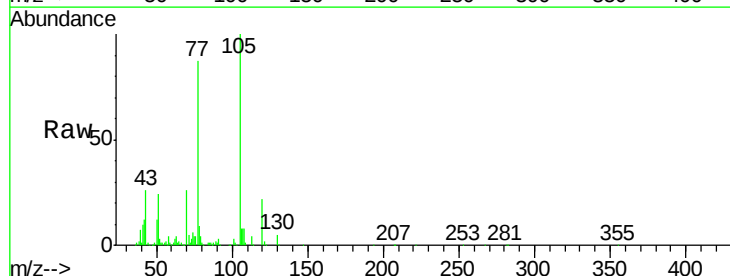
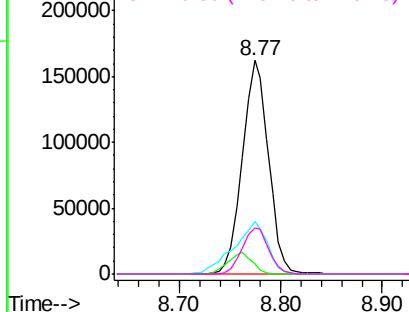
Abundance

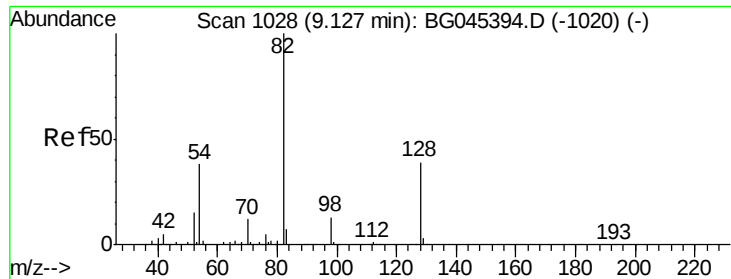
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





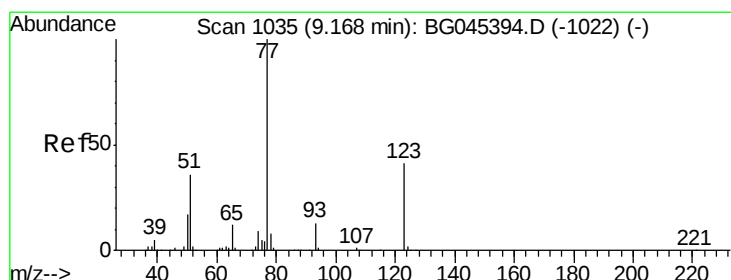
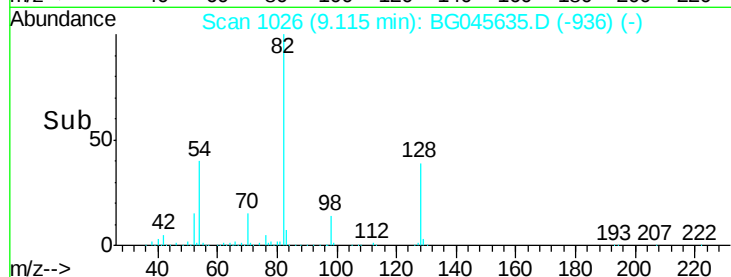
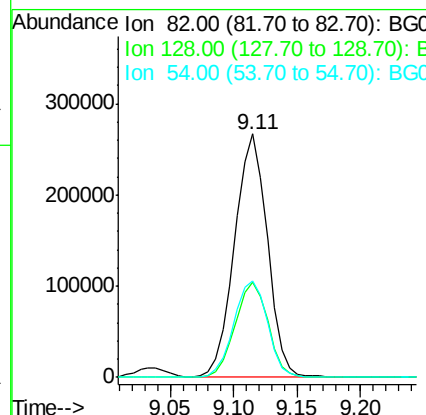
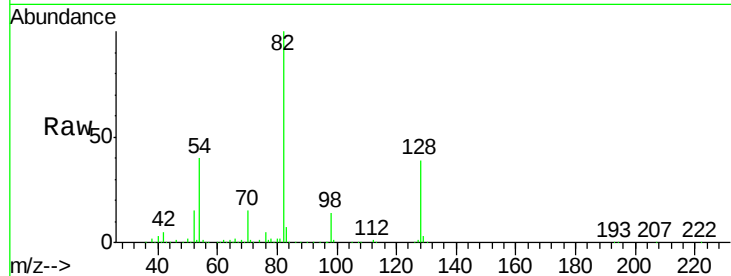
#23
 Nitrobenzene-d5
 Concen: 110.75 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	39.0	30.9	46.3
54	39.7	30.3	45.5

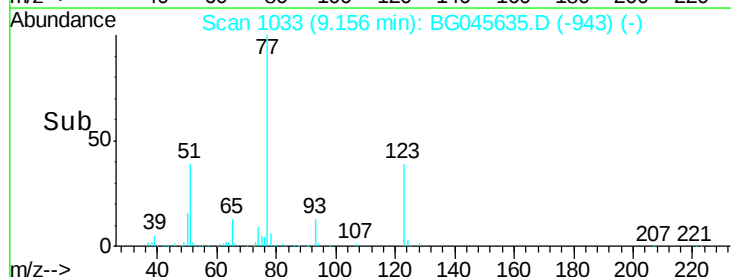
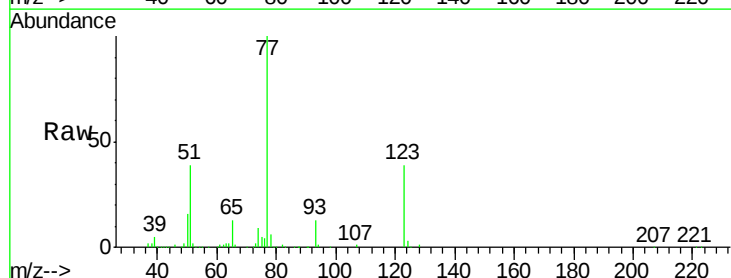
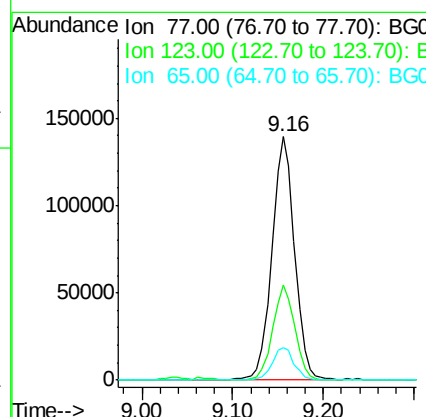
Manual Integrations
 APPROVED

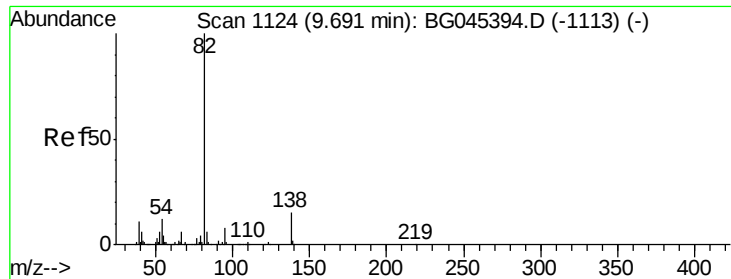
mohammad
 6/8/2020 12:50:22 PM



#24
 Nitrobenzene
 Concen: 53.07 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	39.1	32.9	49.3
65	13.4	9.4	14.2





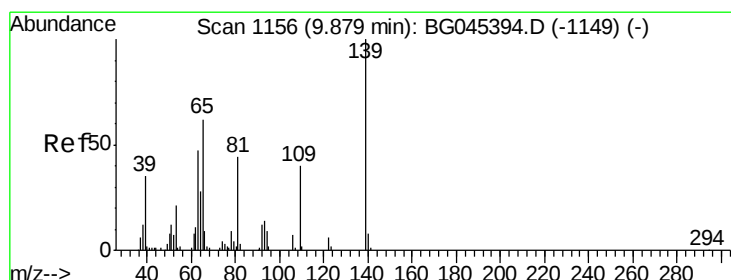
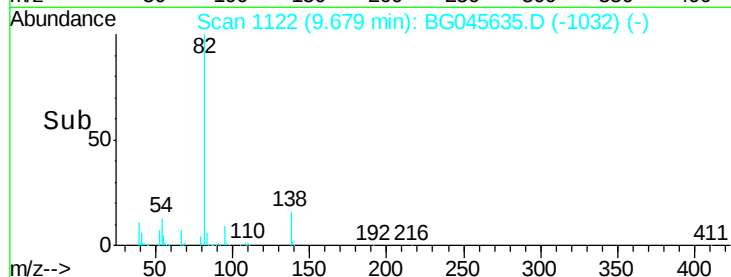
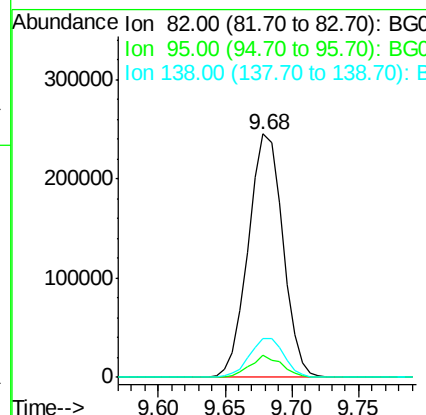
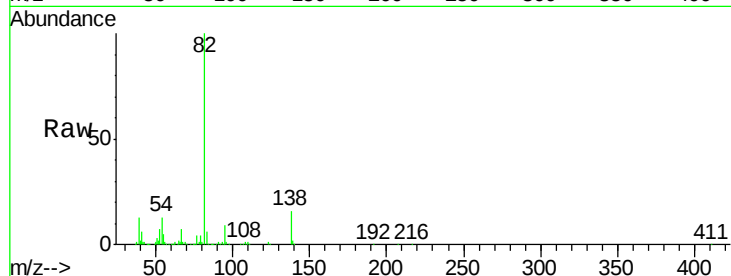
#25
Isophorone
Concen: 52.12 ng
RT: 9.68 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	9.0	6.7	10.1
138	16.1	12.2	18.4

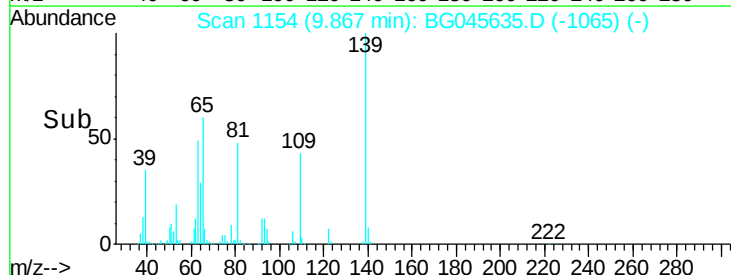
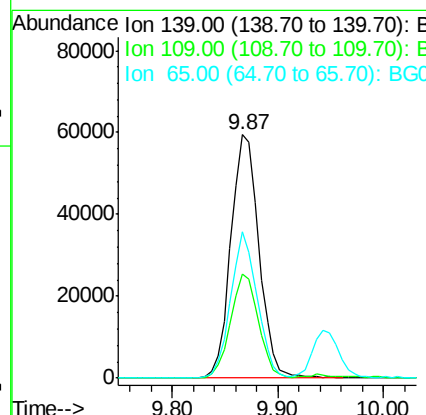
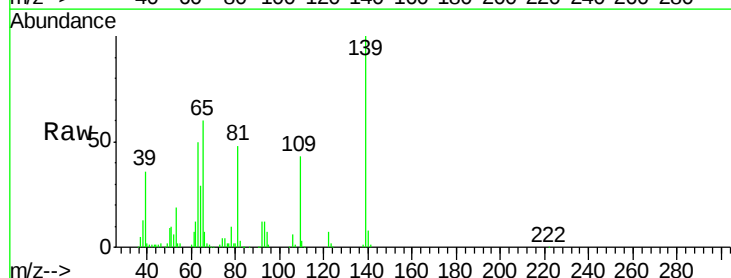
Manual Integrations
APPROVED

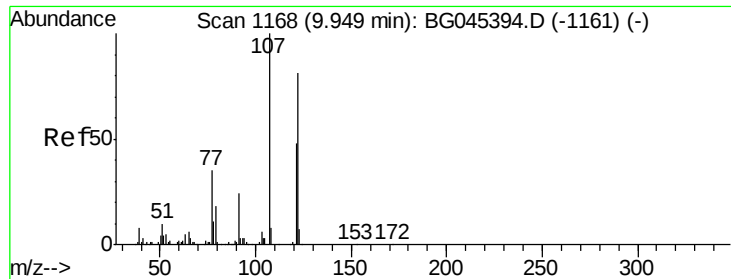
mohammad
6/8/2020 12:50:22 PM



#26
2-Nitrophenol
Concen: 55.67 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	42.8	32.2	48.4
65	60.2	49.6	74.4





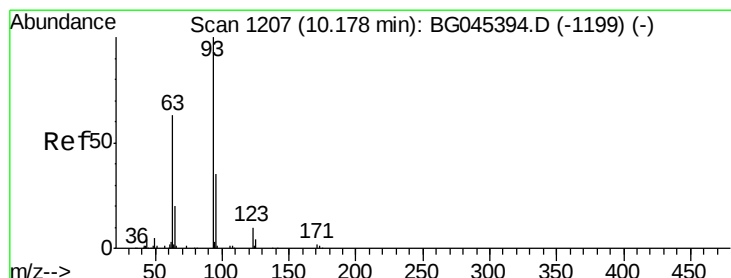
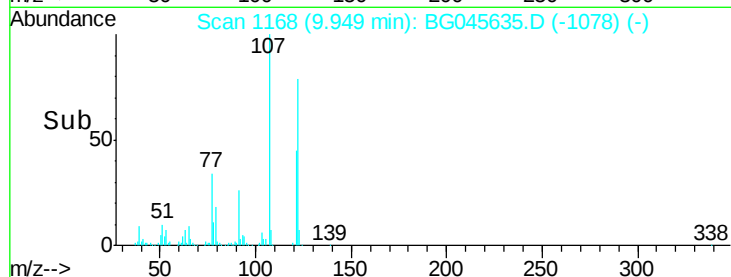
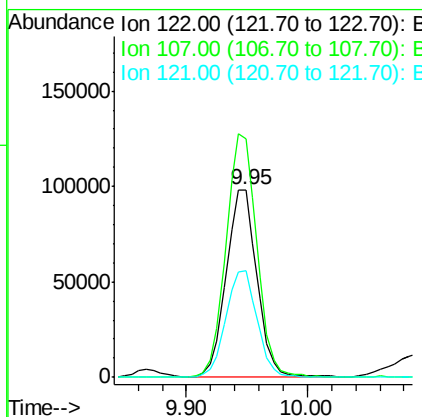
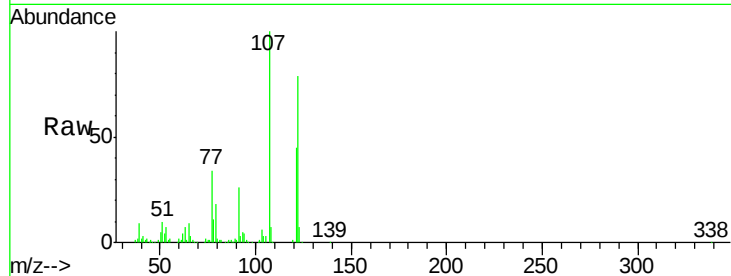
#27
2,4-Dimethylphenol
Concen: 59.34 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	172613		
107	127.0	99.0	148.4	
121	57.0	47.7	71.5	

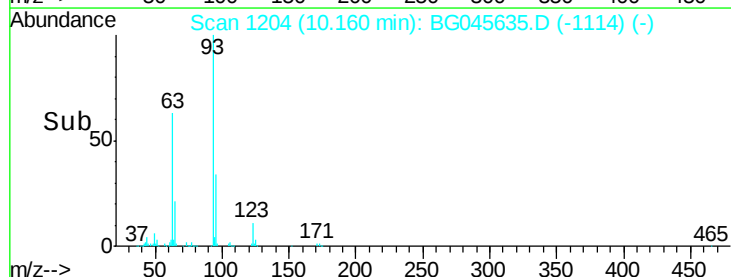
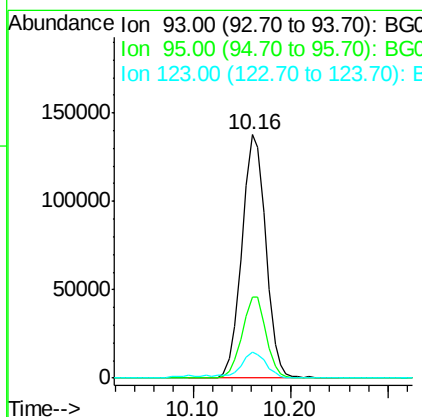
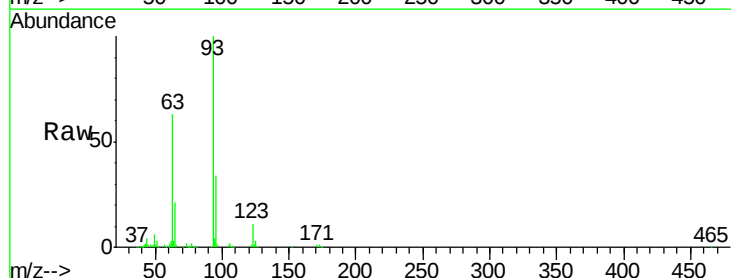
Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#28
bis(2-Chloroethoxy)methane
Concen: 53.04 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	234430		
95	33.5	27.6	41.4	
123	10.7	8.1	12.1	





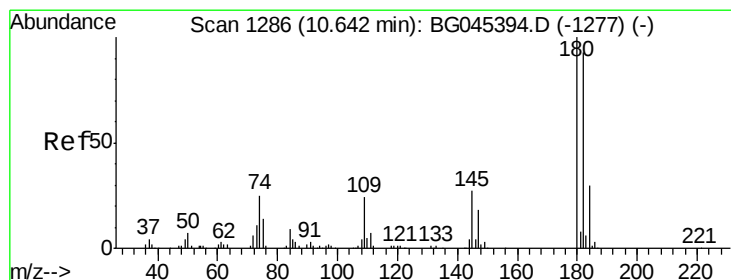
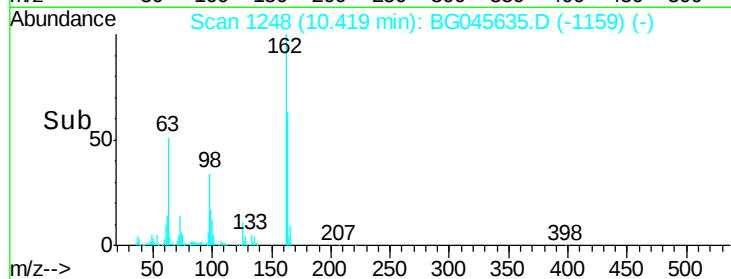
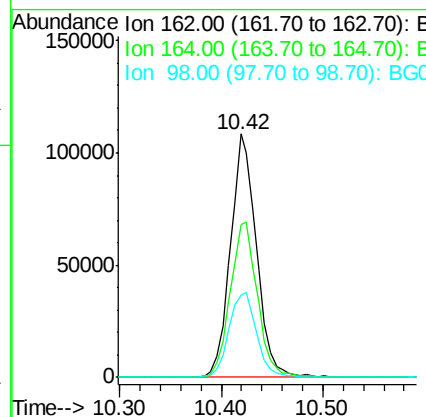
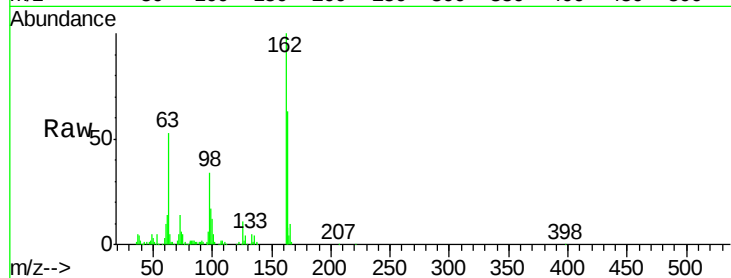
#29
 2,4-Dichlorophenol
 Concen: 56.00 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.8	46.8	86.8
98	33.6	15.2	55.2

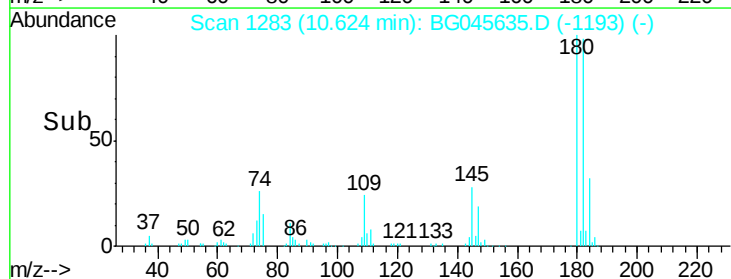
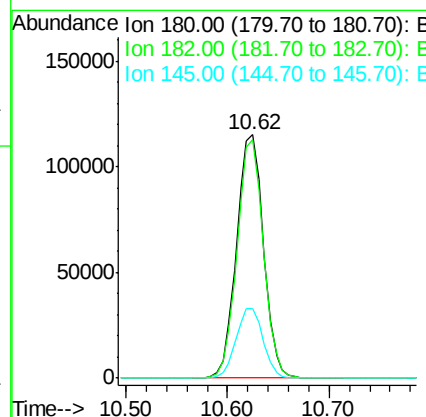
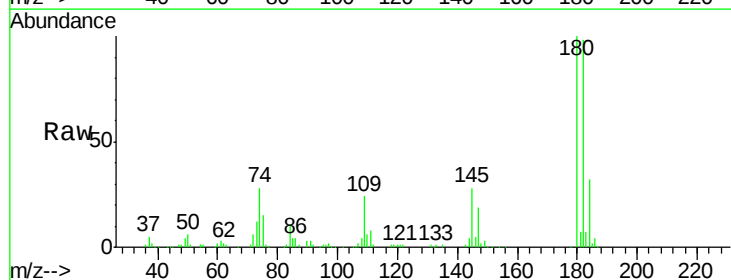
Manual Integrations
 APPROVED

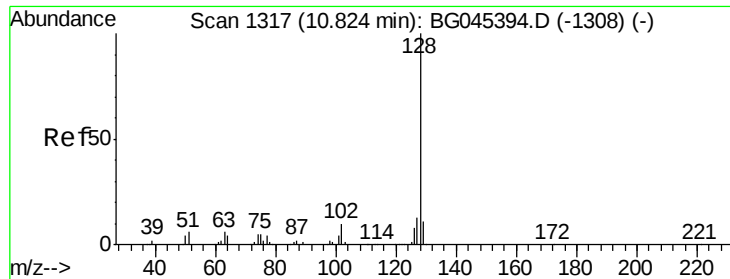
mohammad
 6/8/2020 12:50:22 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 52.23 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.8	74.8	112.2
145	28.4	21.9	32.9





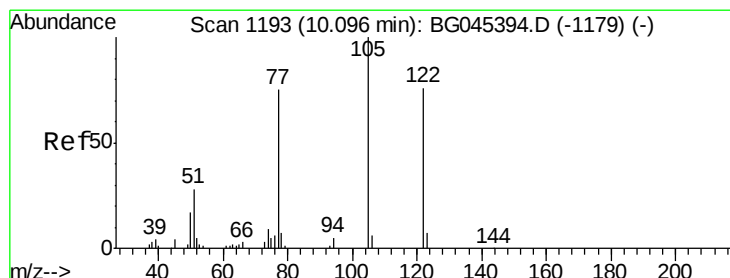
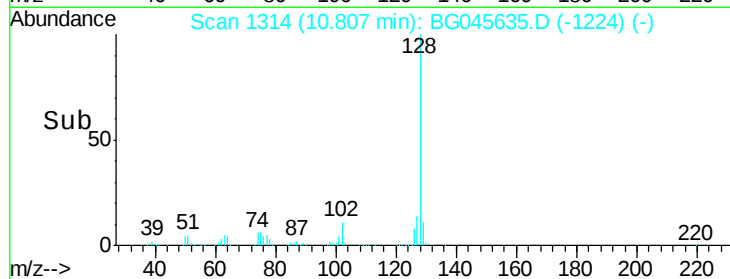
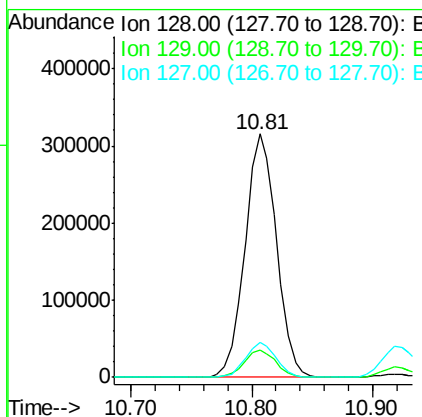
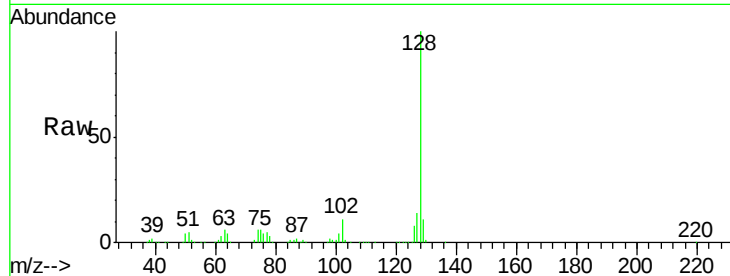
#31
Naphthalene
Concen: 52.47 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	570538		
129	11.5	9.0	13.6	
127	14.2	10.7	16.1	

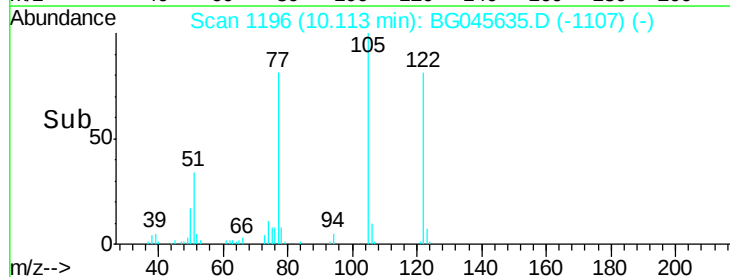
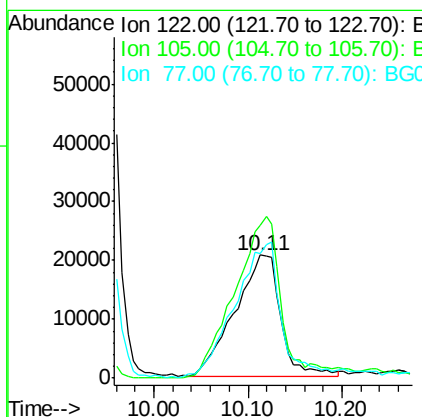
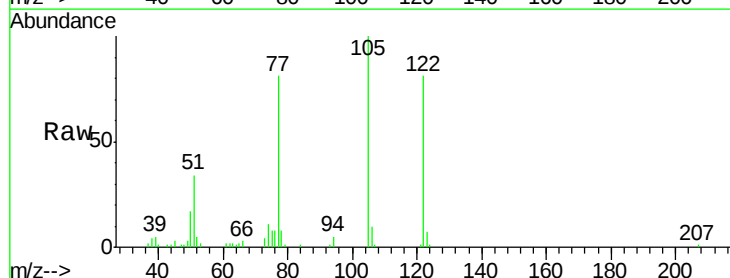
Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#32
Benzoic acid
Concen: 37.68 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	69166		
105	124.0	107.9	147.9	
77	101.0	78.9	118.9	





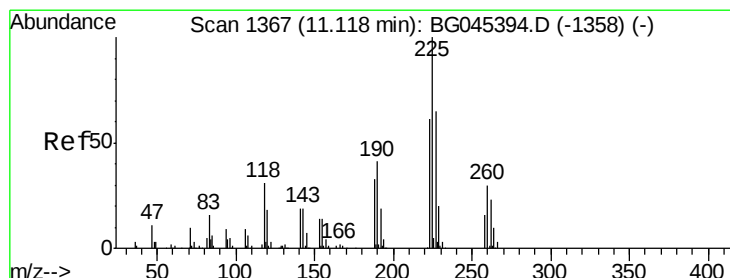
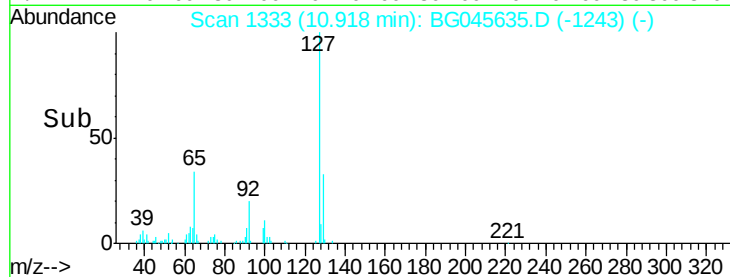
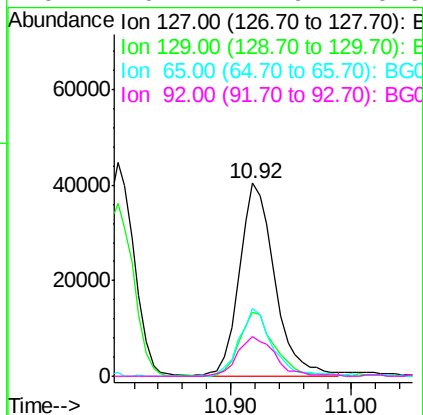
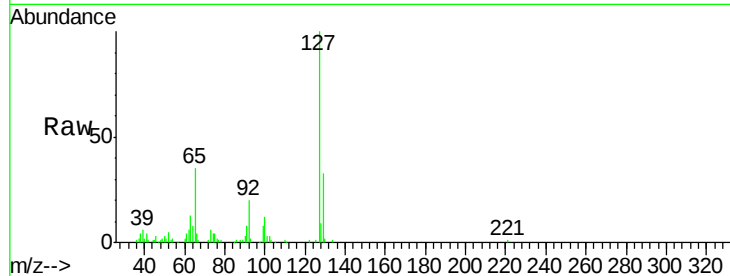
#33
4-Chloroaniline
Concen: 18.22 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.4	24.7	37.1
65	35.4	26.2	39.2
92	20.4	17.9	26.9

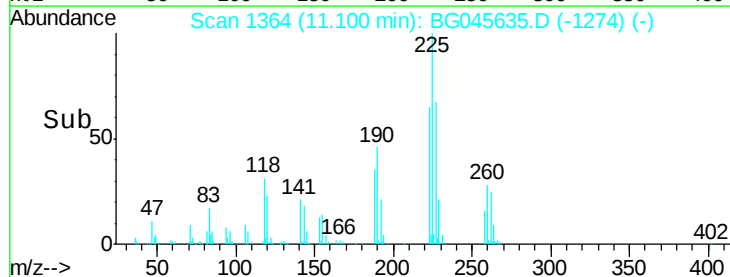
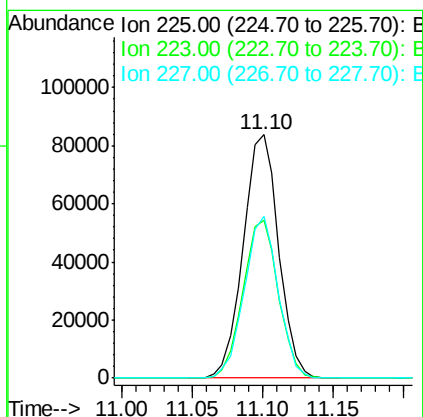
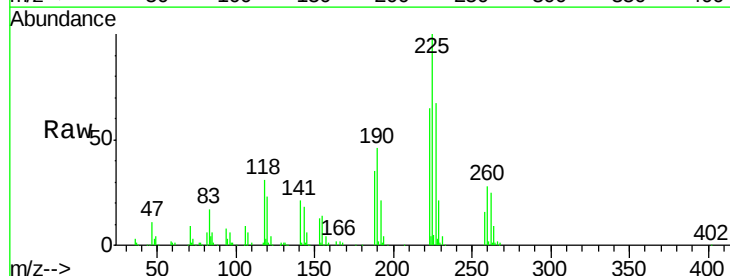
Manual Integrations
APPROVED

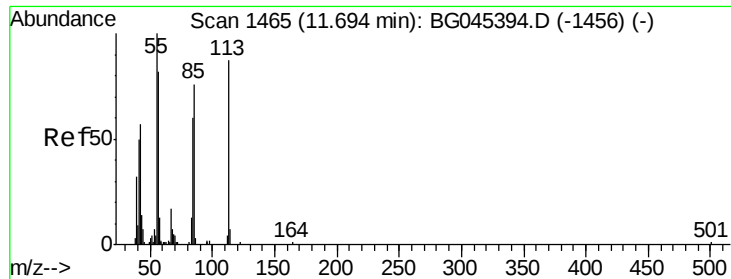
mohammad
6/8/2020 12:50:22 PM



#34
Hexachlorobutadiene
Concen: 51.34 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.1	73.7
227	66.7	52.0	78.0





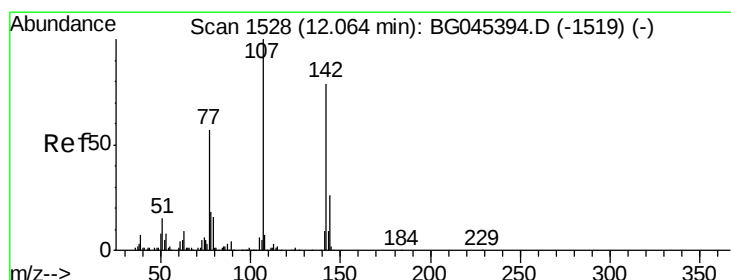
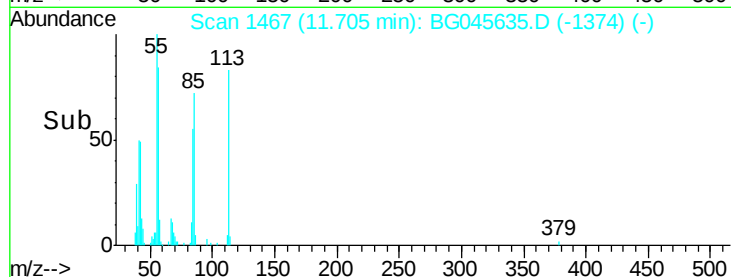
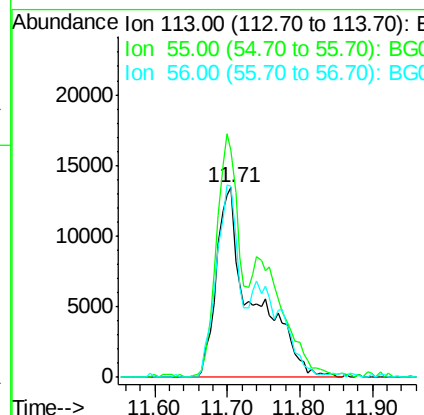
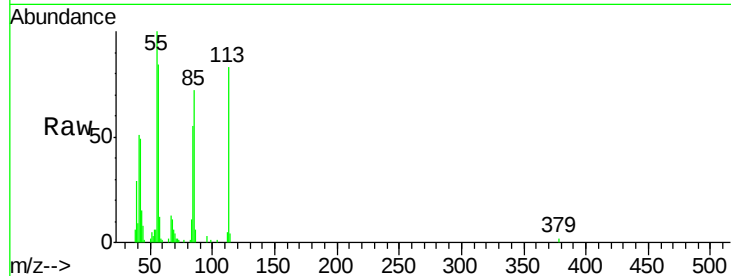
#35
 Caprolactam
 Concen: 37.40 ng
 RT: 11.71 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	47156		
55	119.8	96.0	136.0	
56	100.6	75.1	115.1	

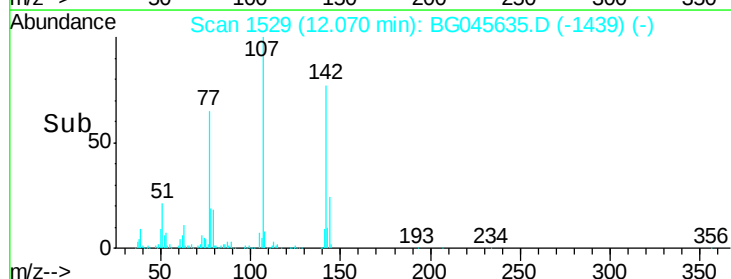
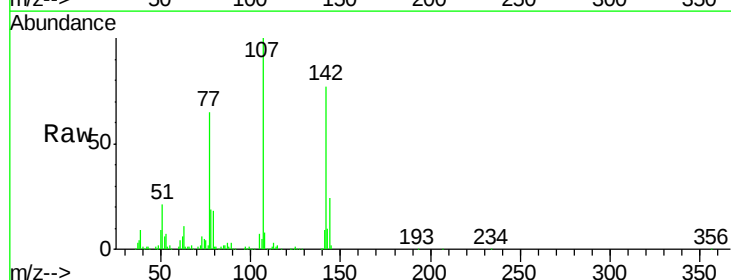
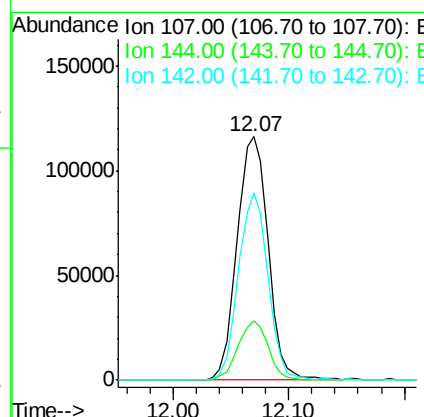
Manual Integrations
 APPROVED

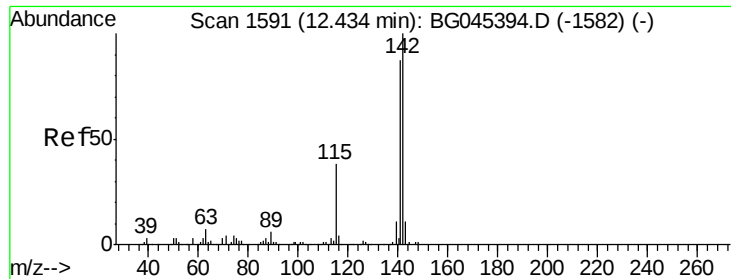
mohammad
 6/8/2020 12:50:22 PM



#36
 4-Chloro-3-methylphenol
 Concen: 55.91 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	216413		
144	24.3	20.8	31.2	
142	77.2	62.8	94.2	





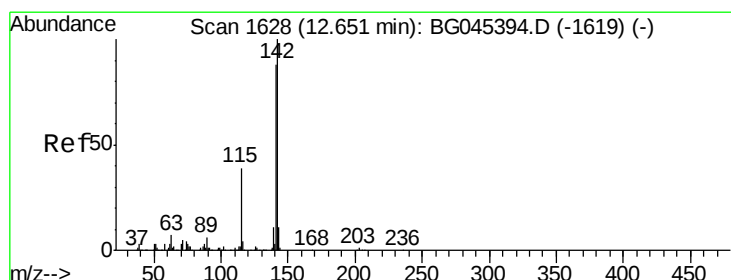
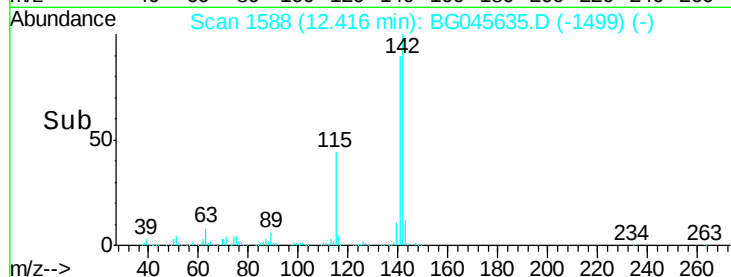
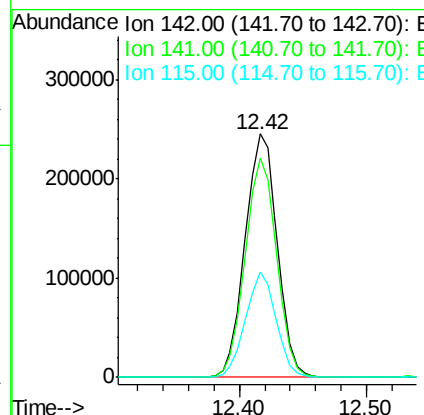
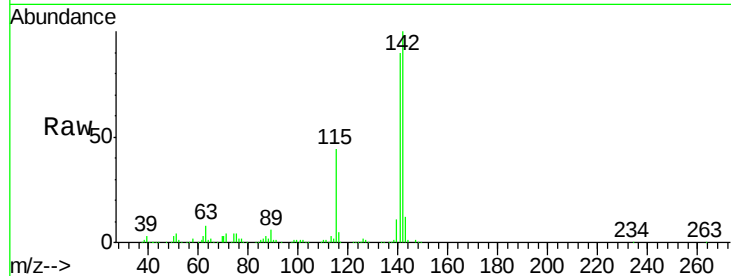
#37
2-Methylnaphthalene
Concen: 53.25 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.0	105.0
115	43.5	30.8	46.2

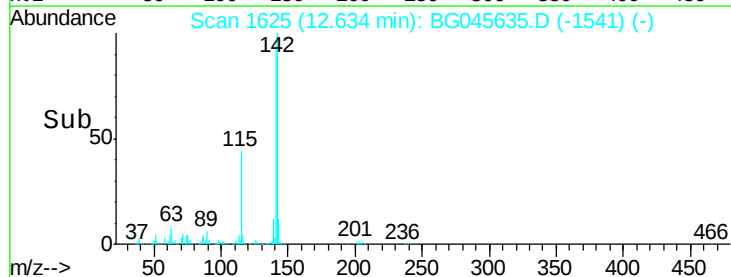
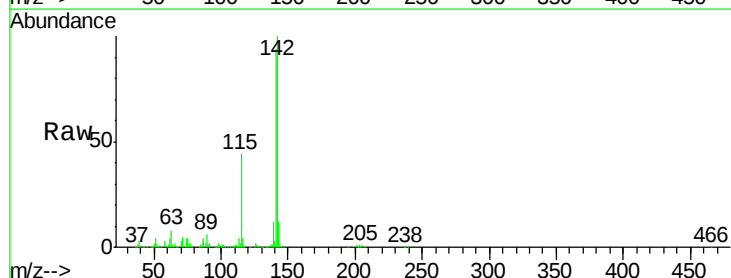
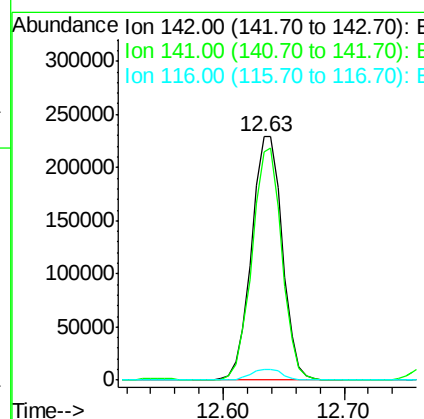
Manual Integrations
APPROVED

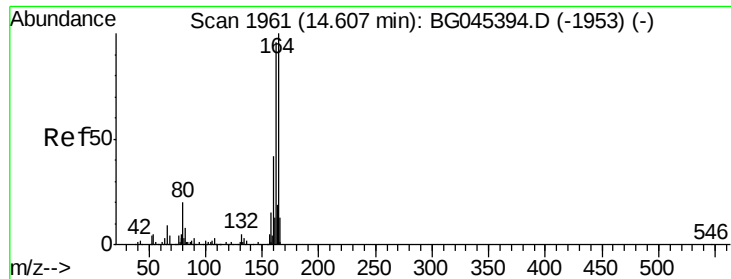
mohammad
6/8/2020 12:50:22 PM



#38
1-Methylnaphthalene
Concen: 53.11 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	70.8	106.2
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Instrument :

BNA_G

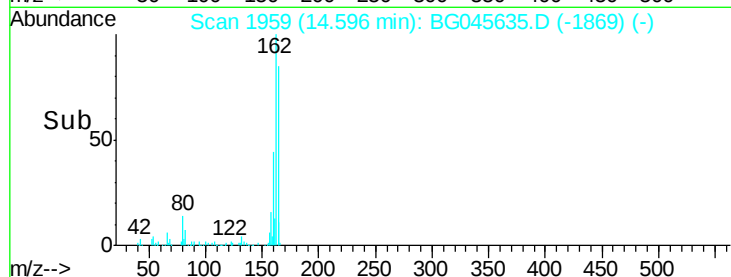
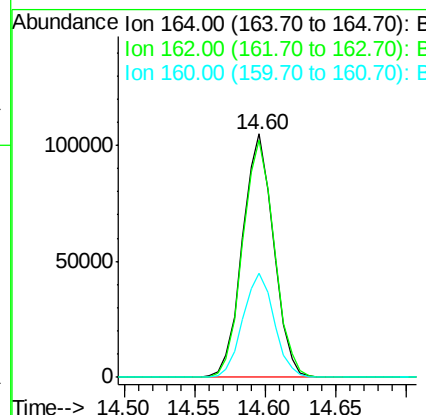
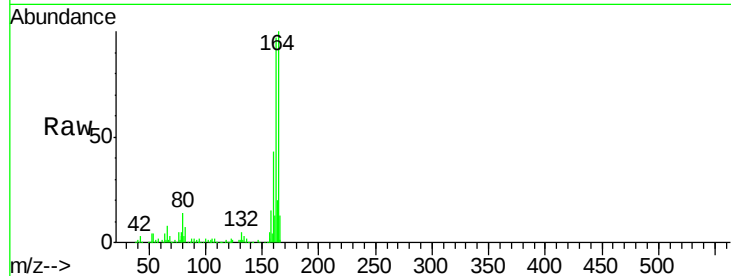
ClientSampleId :

PL-01-060320MS

Tgt Ion:	164	Resp:	161846
Ion Ratio	Lower	Upper	
164	100		
162	97.4	76.9	115.3
160	43.0	33.8	50.8

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.09 ng

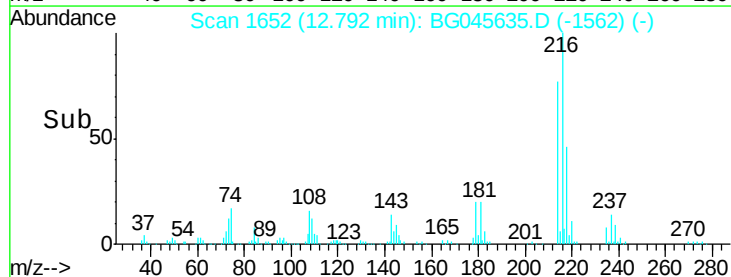
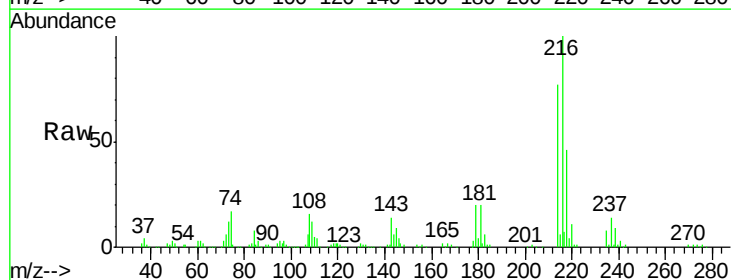
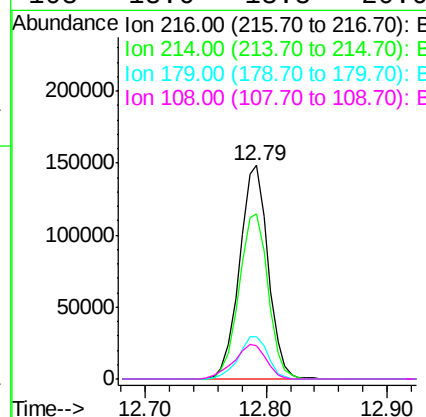
RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Tgt Ion:	216	Resp:	244535
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.7	95.5
179	20.4	16.1	24.1
108	18.6	13.8	20.6





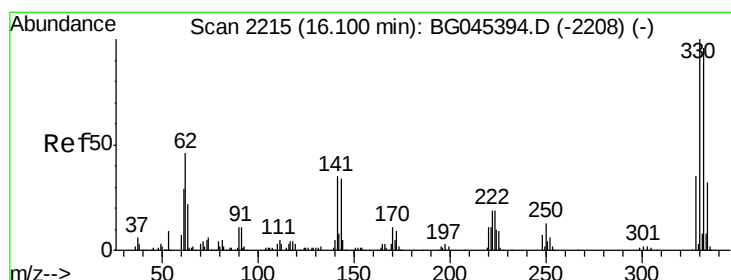
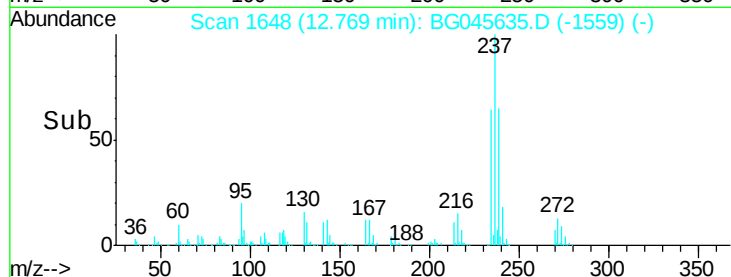
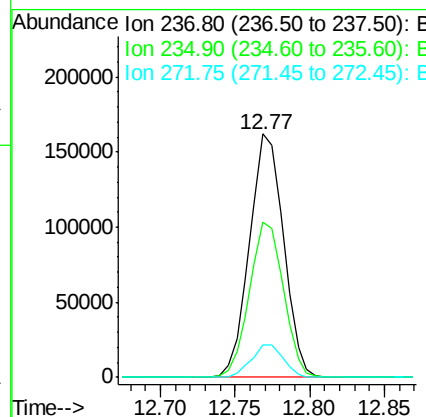
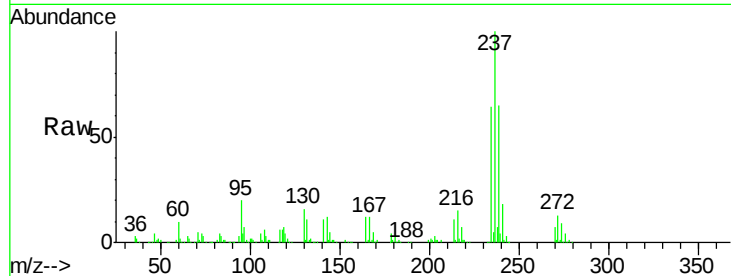
#41
Hexachlorocyclopentadiene
Concen: 97.80 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.7	44.4	84.4
272	13.2	0.0	32.5

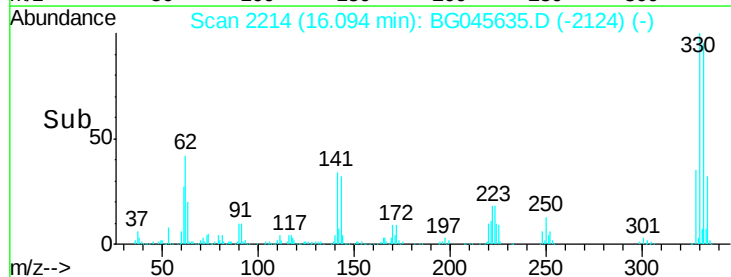
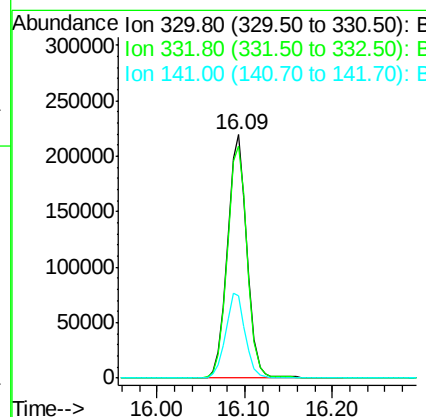
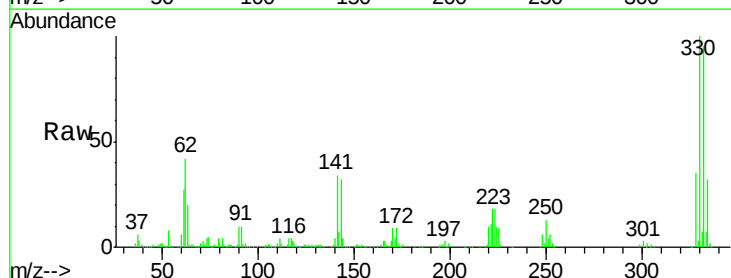
Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#42
2,4,6-Tribromophenol
Concen: 162.64 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.0	78.2	117.4
141	35.3	28.2	42.4





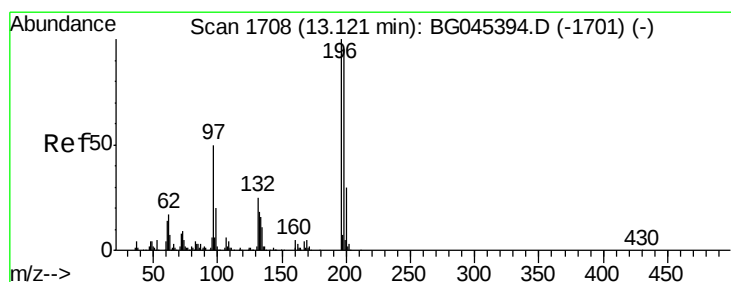
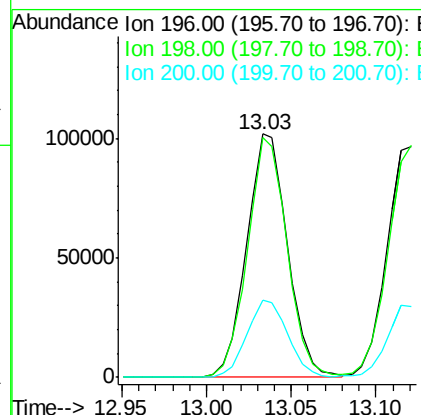
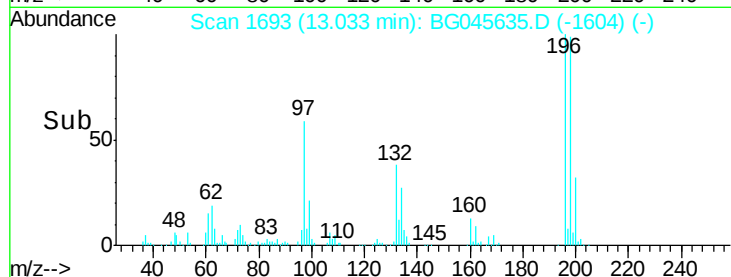
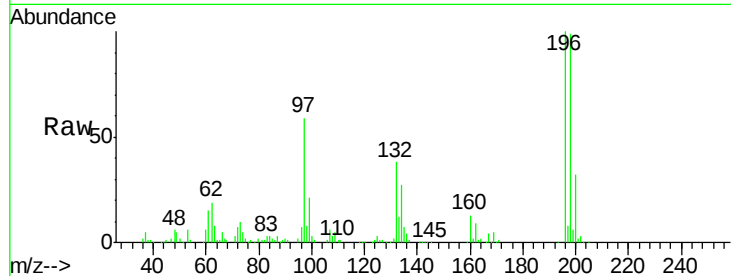
#43
 2,4,6-Trichlorophenol
 Concen: 54.40 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170822		
198	98.6	76.7	115.1	
200	31.8	24.9	37.3	

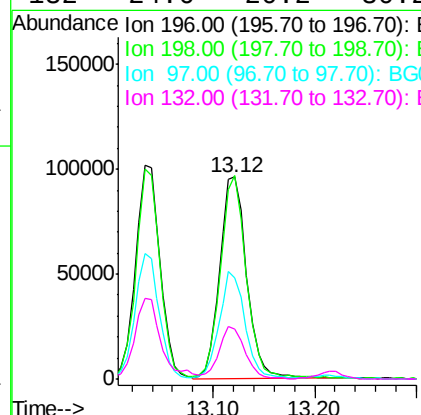
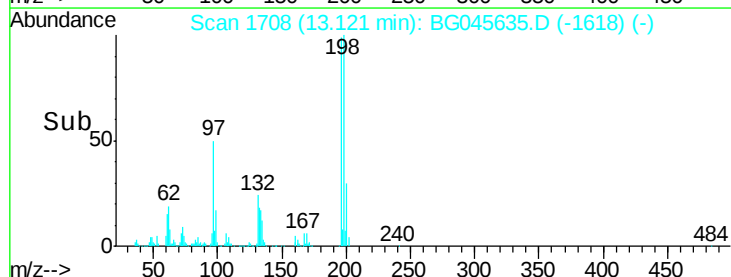
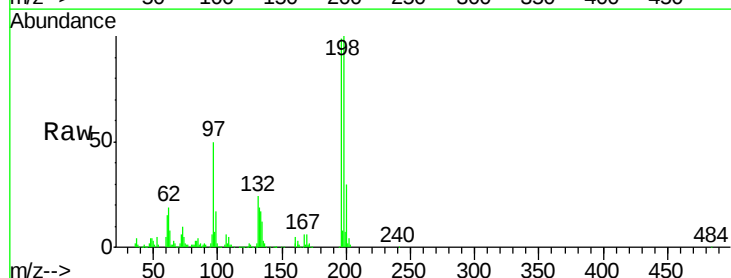
Manual Integrations
 APPROVED

mohammad
 6/8/2020 12:50:22 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.21 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176581		
198	101.1	76.1	114.1	
97	50.2	40.0	60.0	
132	24.6	20.2	30.2	





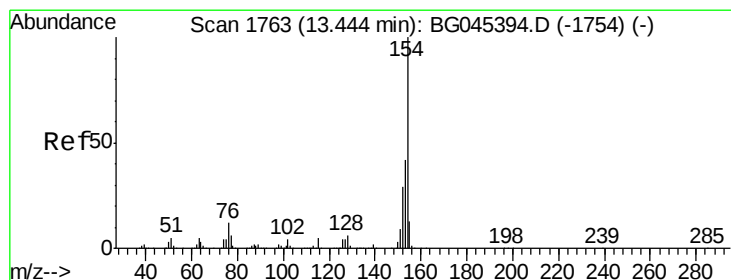
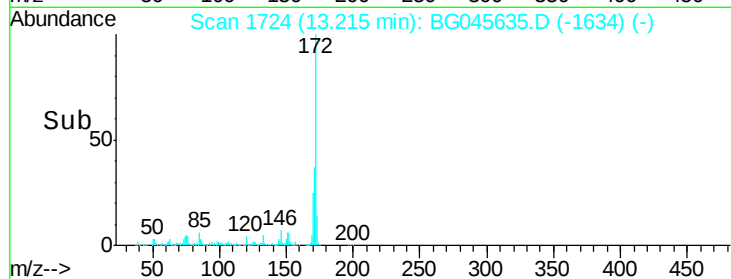
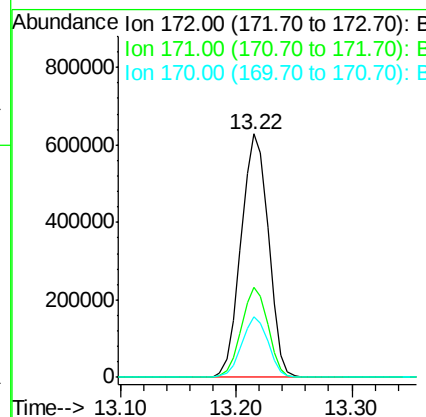
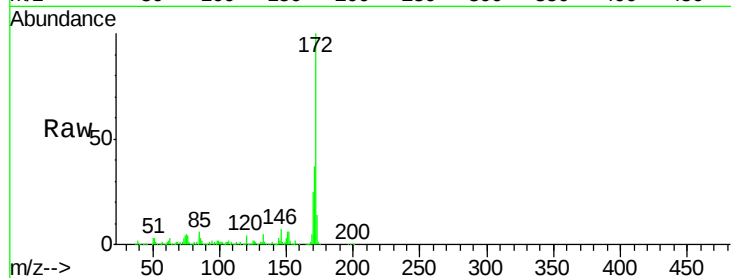
#45
2-Fluorobiphenyl
Concen: 108.44 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.5	44.3
170	24.7	18.5	27.7

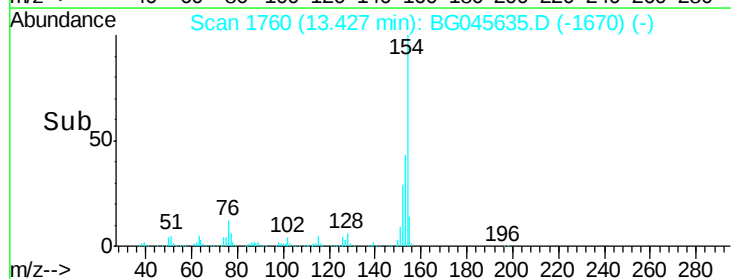
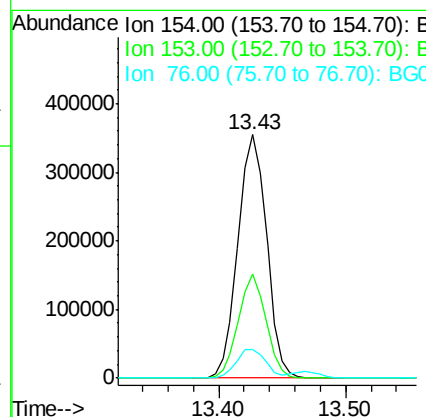
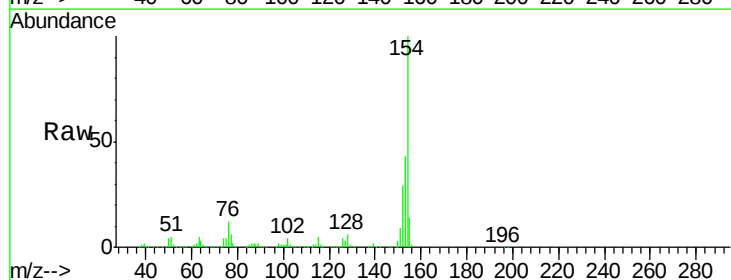
Manual Integrations
APPROVED

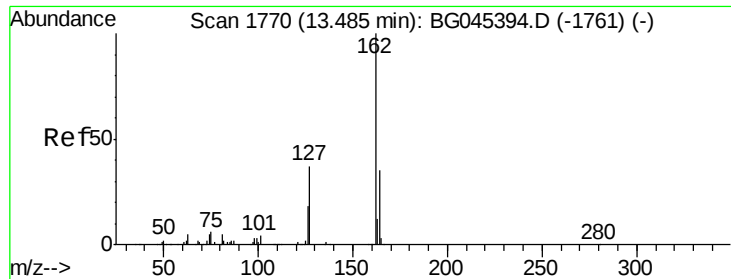
mohammad
6/8/2020 12:50:22 PM



#46
1,1'-Biphenyl
Concen: 55.97 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.2	62.2
76	11.8	0.0	32.4





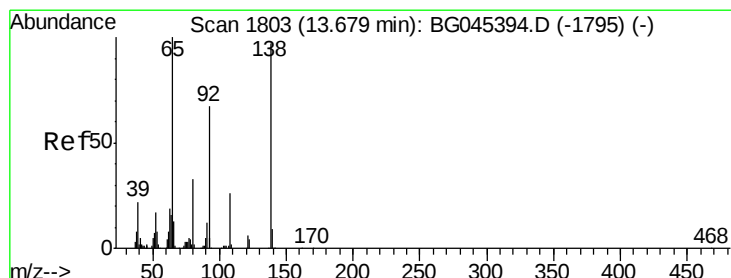
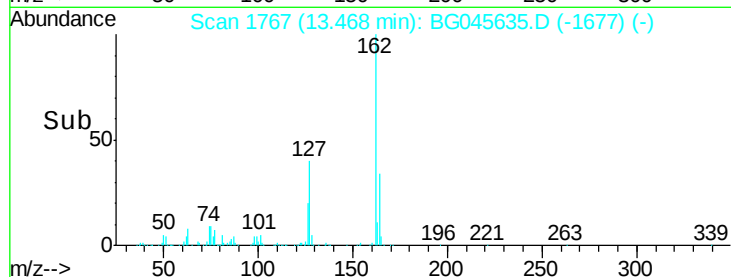
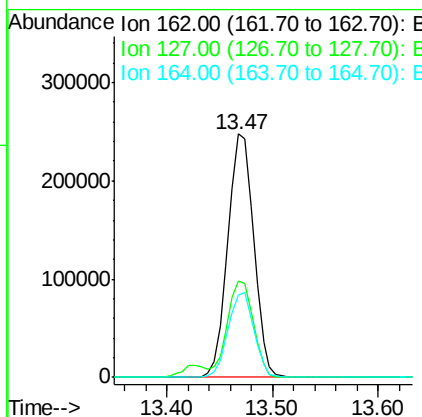
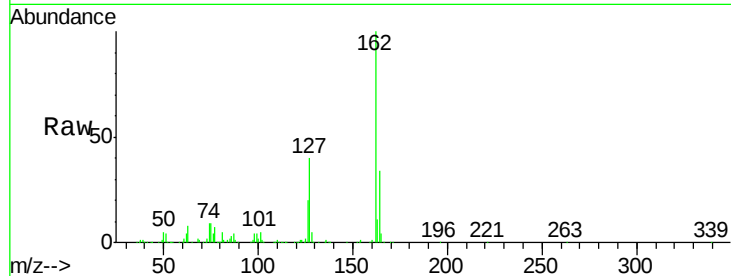
#47
 2-Chloronaphthalene
 Concen: 52.01 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	419970		
127	39.5	31.6	47.4	
164	33.8	28.1	42.1	

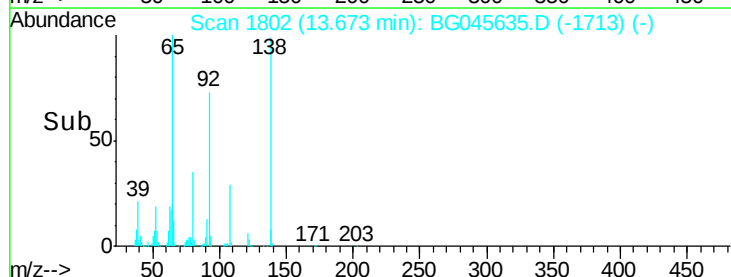
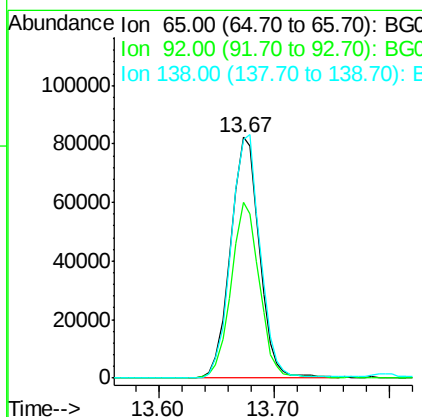
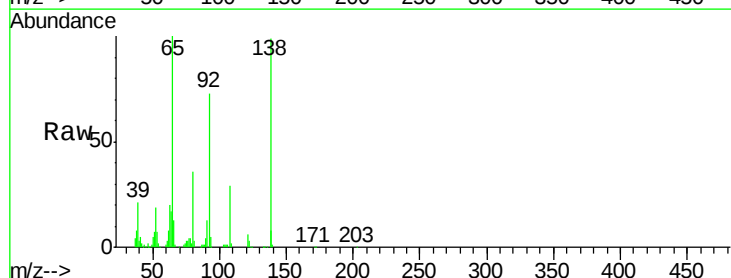
Manual Integrations
 APPROVED

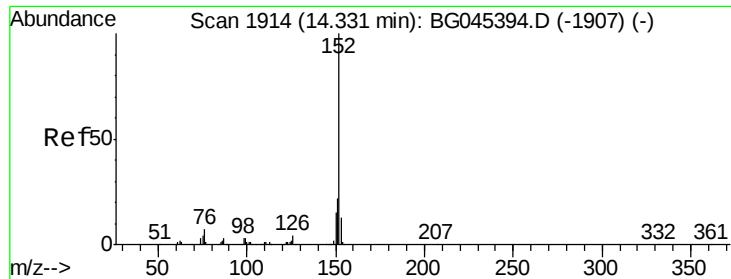
mohammad
 6/8/2020 12:50:22 PM



#48
 2-Nitroaniline
 Concen: 53.82 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	142978		
92	73.2	53.8	80.8	
138	99.1	77.9	116.9	





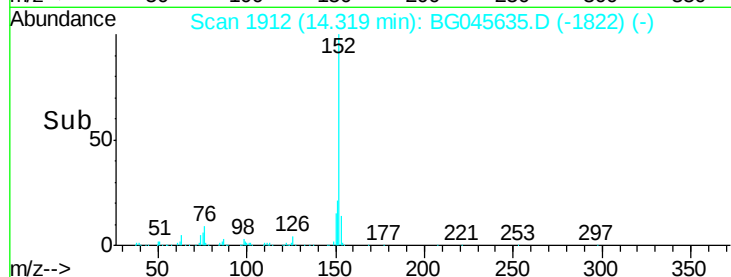
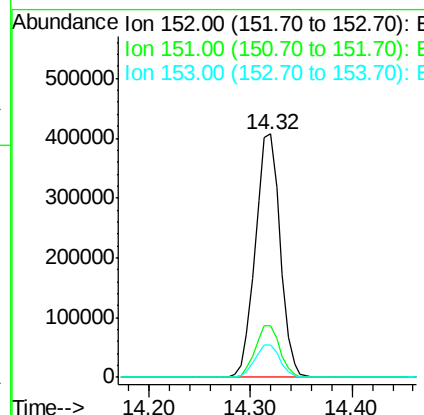
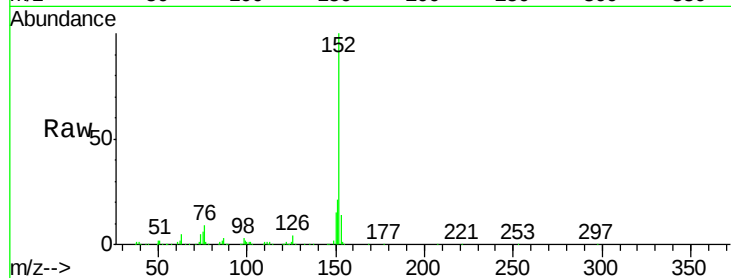
#49
Acenaphthylene
Concen: 53.17 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	689738		
151	21.2		17.4	26.2
153	13.6		10.7	16.1

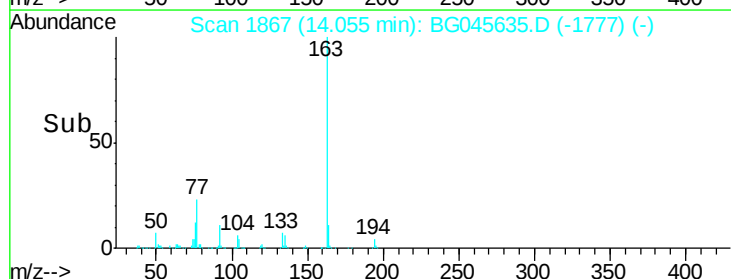
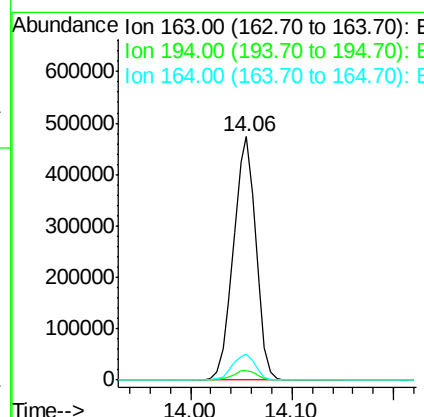
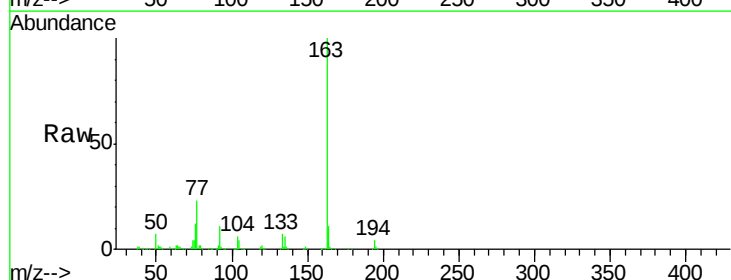
Manual Integrations
APPROVED

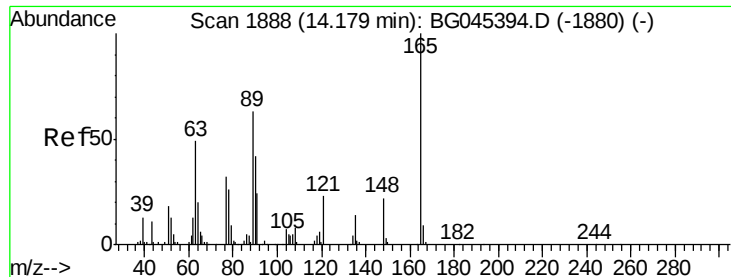
mohammad
6/8/2020 12:50:22 PM



#50
Dimethylphthalate
Concen: 65.18 ng
RT: 14.06 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	723633		
194	4.1		3.2	4.8
164	10.8		8.3	12.5





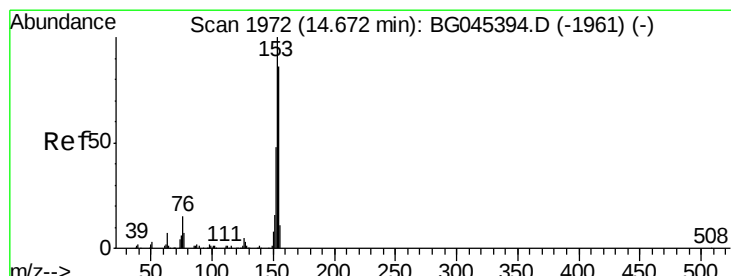
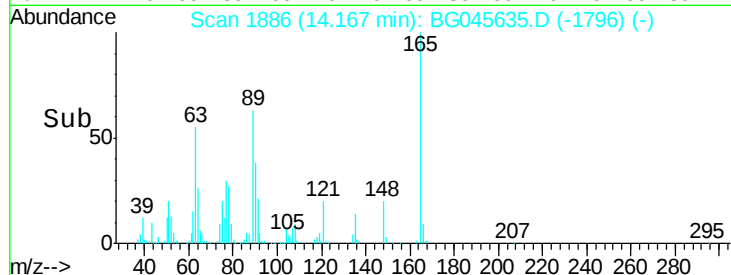
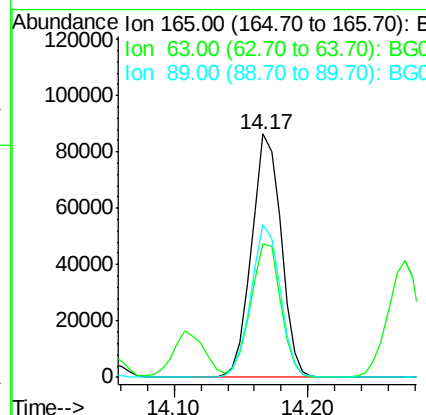
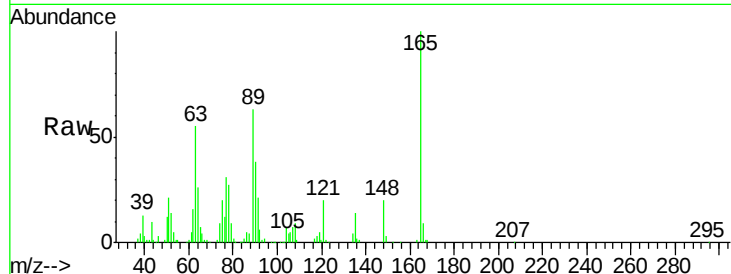
#51
 2,6-Dinitrotoluene
 Concen: 52.52 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	131567		
63	54.8	45.0	67.4	
89	62.7	50.2	75.4	

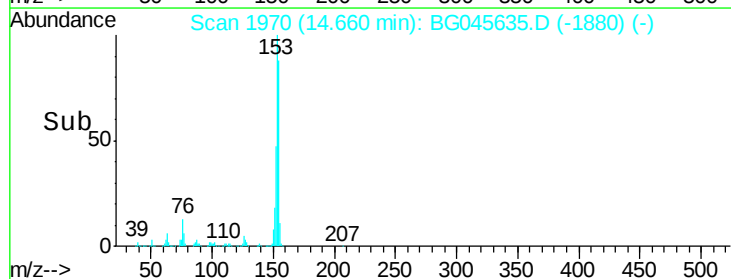
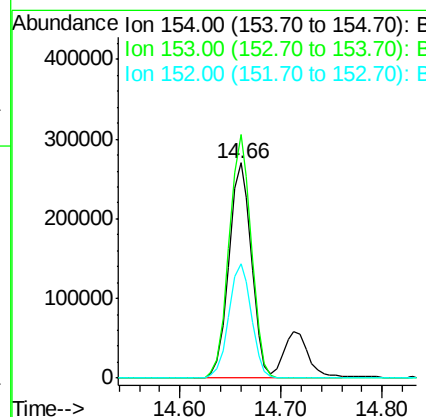
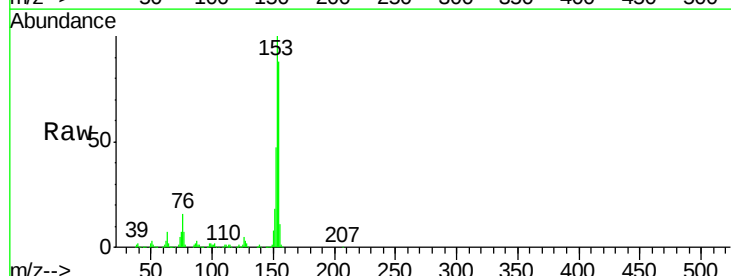
Manual Integrations
 APPROVED

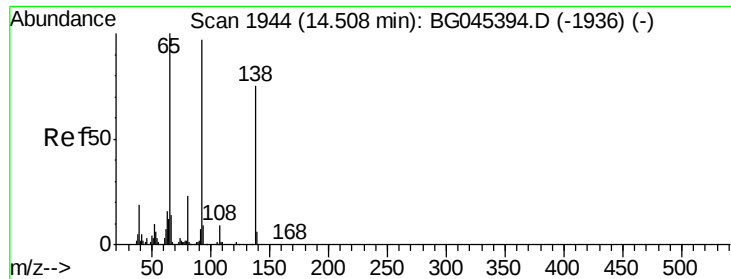
mohammad
 6/8/2020 12:50:22 PM



#52
 Acenaphthene
 Concen: 59.28 ng m
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	514703		
153	113.1	92.8	139.2	
152	53.1	44.6	66.8	





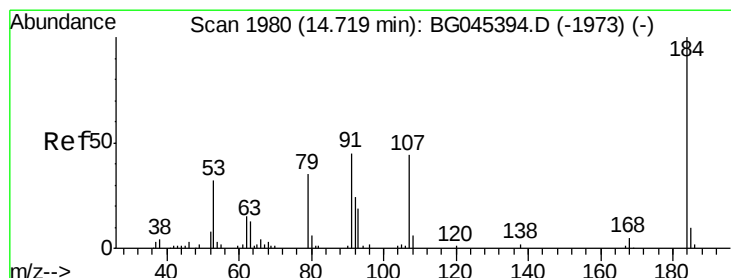
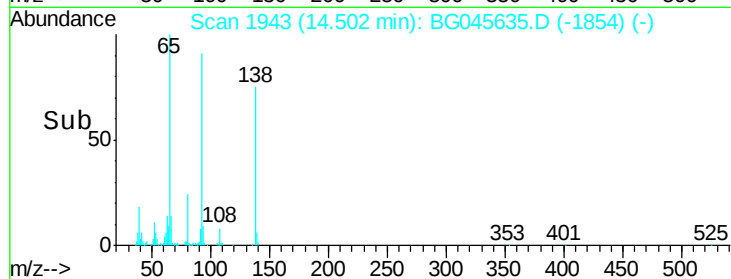
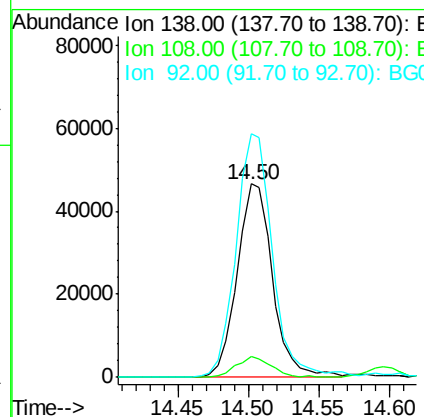
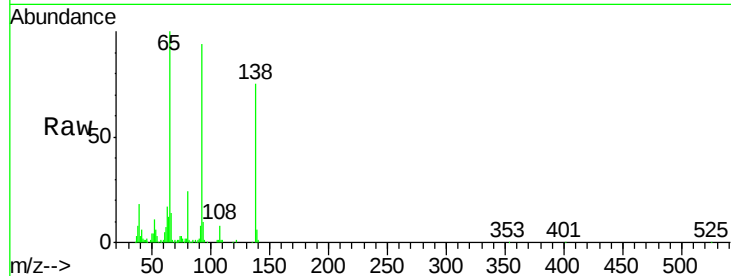
#53
3-Nitroaniline
Concen: 32.04 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.8	14.6
92	126.0	103.0	154.4

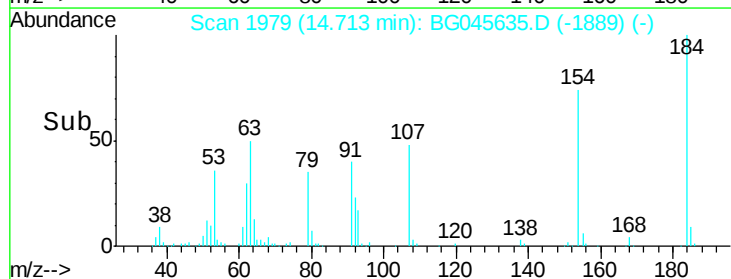
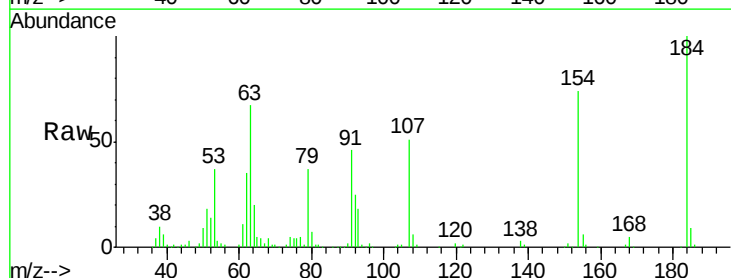
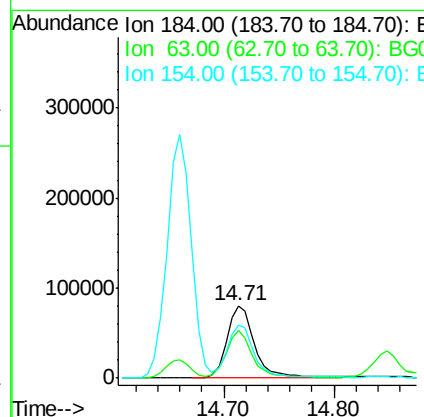
Manual Integrations
APPROVED

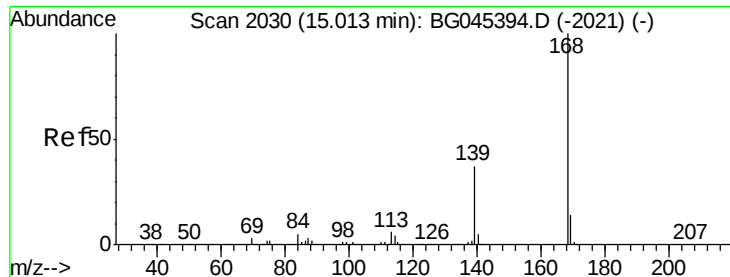
mohammad
6/8/2020 12:50:22 PM



#54
2,4-Dinitrophenol
Concen: 85.82 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.8	47.8	71.6
154	73.6	58.3	87.5





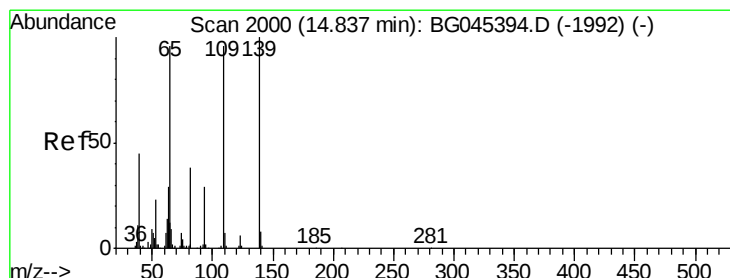
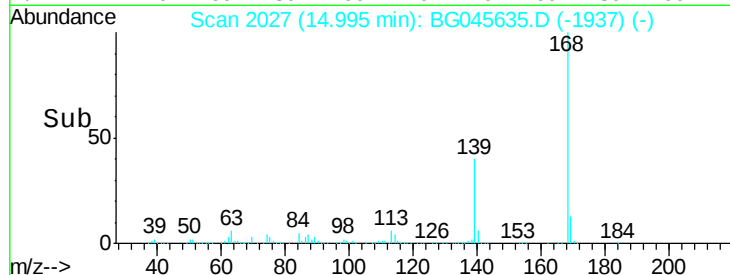
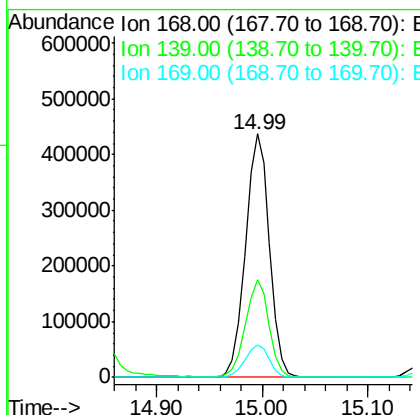
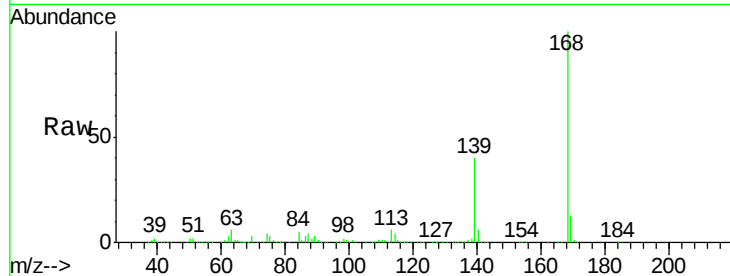
#55
Dibenzofuran
Concen: 53.01 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	40.2	29.9	44.9
169	13.2	10.9	16.3

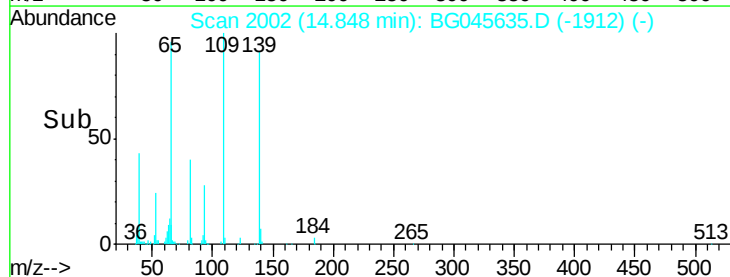
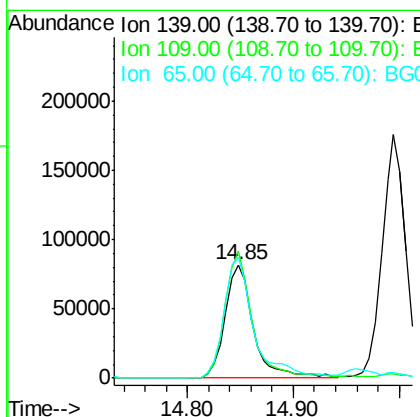
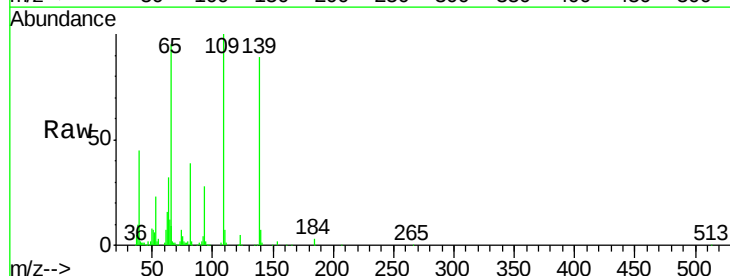
Manual Integrations
APPROVED

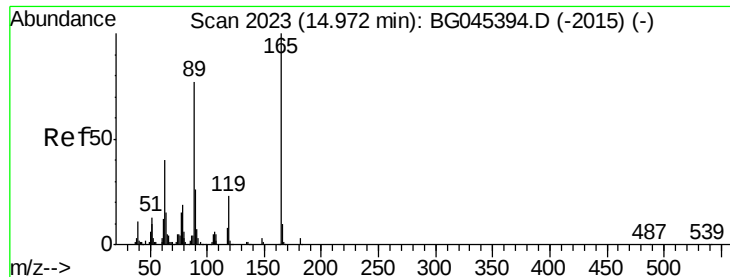
mohammad
6/8/2020 12:50:22 PM



#56
4-Nitrophenol
Concen: 79.38 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	111.8	75.6	115.6
65	105.9	76.8	116.8





#57

2,4-Dinitrotoluene

Concen: 50.31 ng

RT: 14.97 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Instrument :

BNA_G

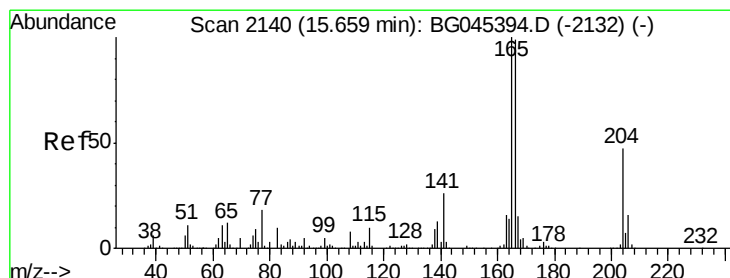
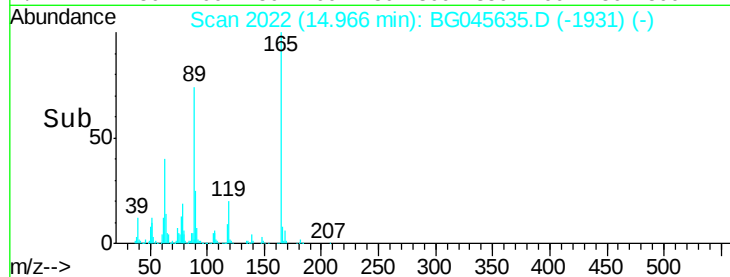
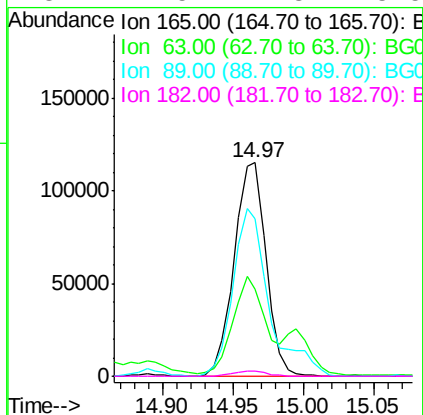
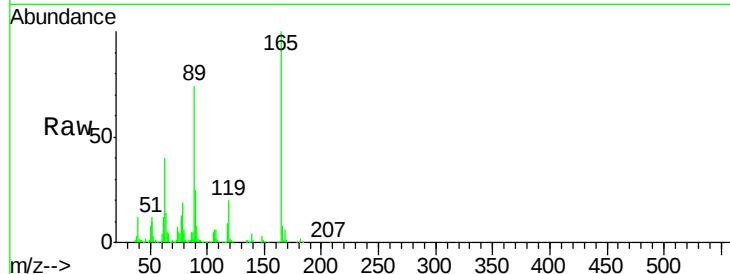
ClientSampleId :

PL-01-060320MS

Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		182528		
63	40.5	32.5	48.7		
89	73.7	61.8	92.6		
182	2.5	2.3	3.5		

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#58

Fluorene

Concen: 53.07 ng

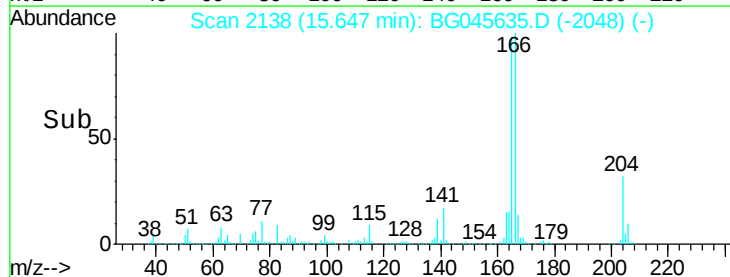
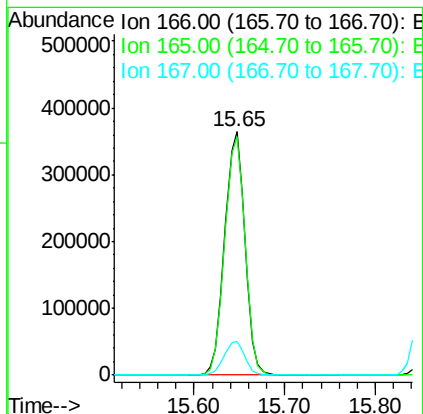
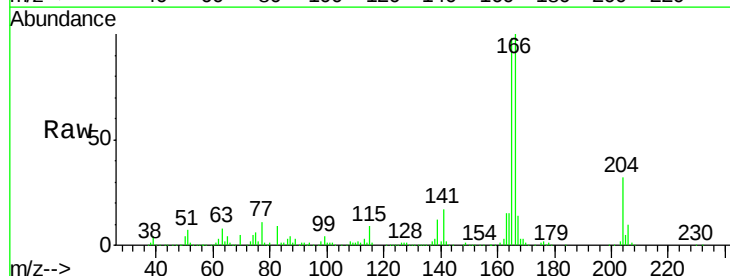
RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Tgt	Ion	Ratio	Resp	Lower	Upper
166	100		562222		
165	98.1	80.8	121.2		
167	13.8	12.0	18.0		





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.65 ng

RT: 15.23 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Instrument :

BNA_G

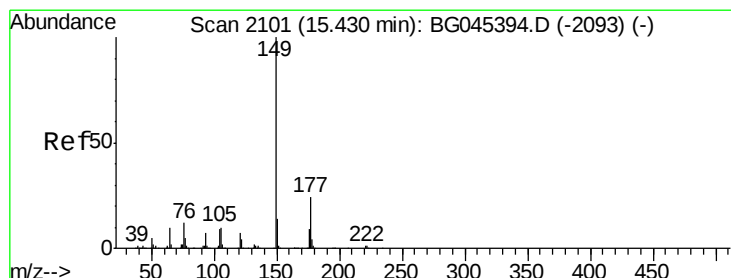
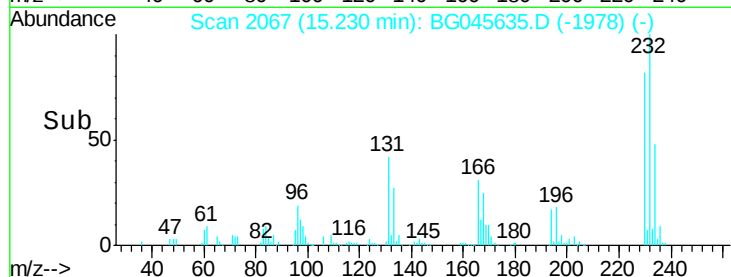
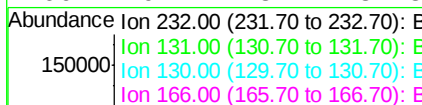
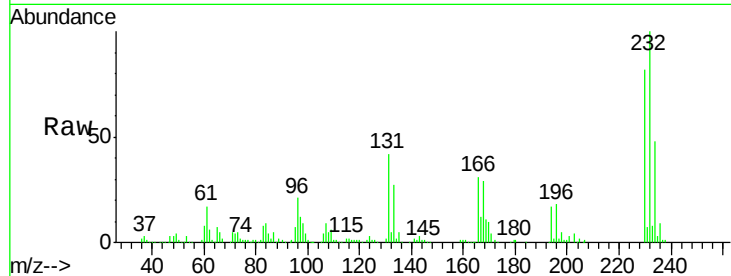
ClientSampleId :

PL-01-060320MS

Tgt Ion:	232	Resp:	166229
Ion Ratio	Lower	Upper	
232	100		
131	42.1	33.7	50.5
130	2.4	2.1	3.1
166	29.1	23.2	34.8

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#60

Diethylphthalate

Concen: 51.03 ng

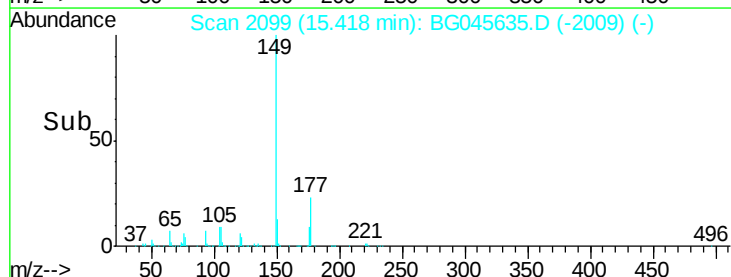
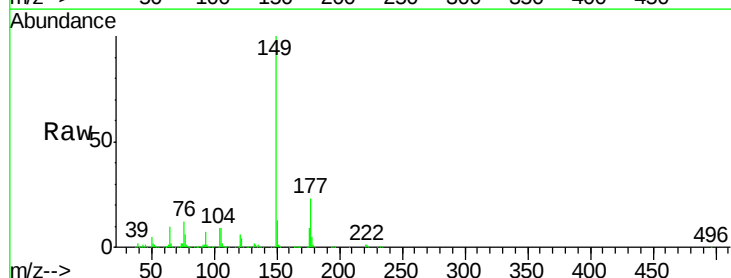
RT: 15.42 min Scan# 2099

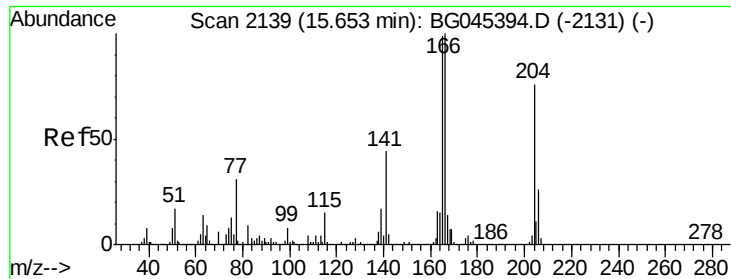
Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Tgt Ion:	149	Resp:	589649
Ion Ratio	Lower	Upper	
149	100		
177	23.5	19.0	28.4
150	13.4	11.4	17.0





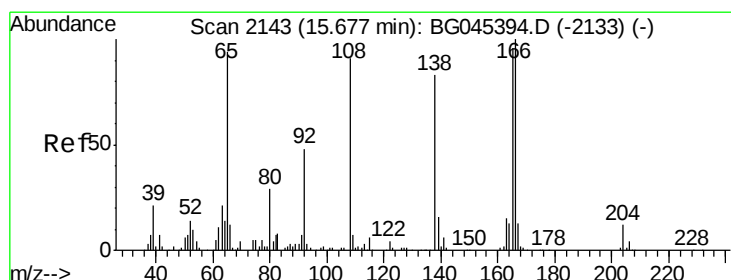
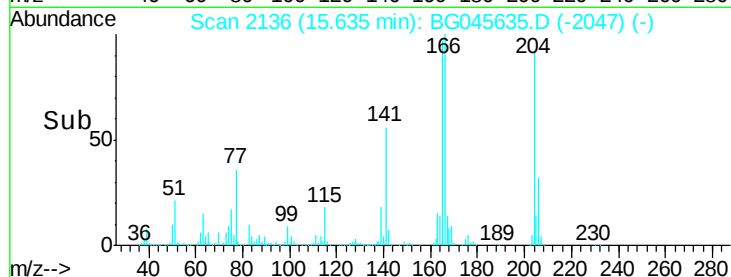
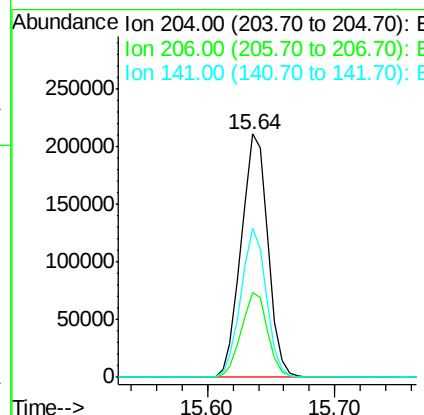
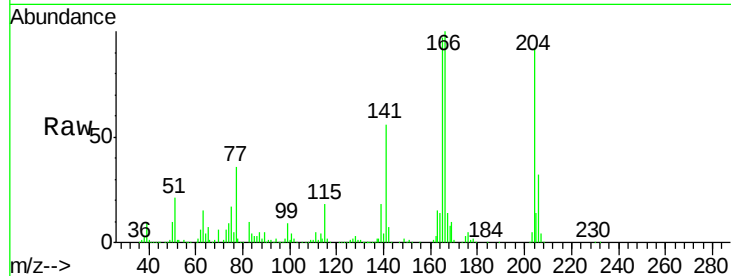
#61
 4-Chlorophenyl-phenylether
 Concen: 50.47 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	305911		
206	34.9	27.3	40.9	
141	61.0	45.9	68.9	

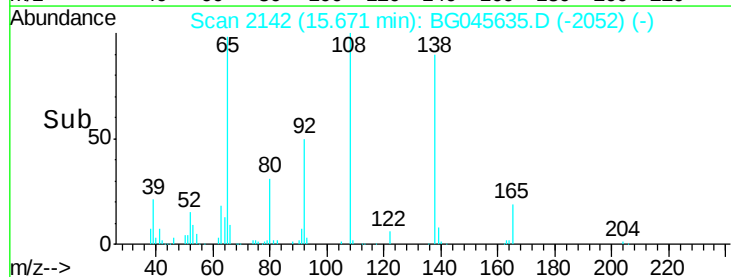
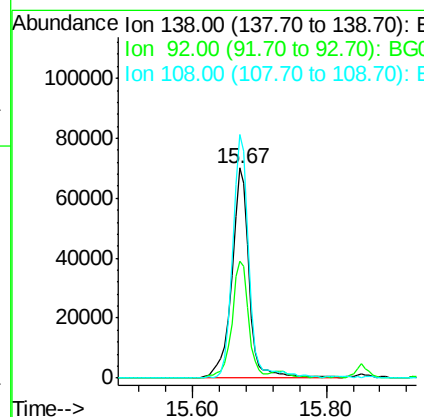
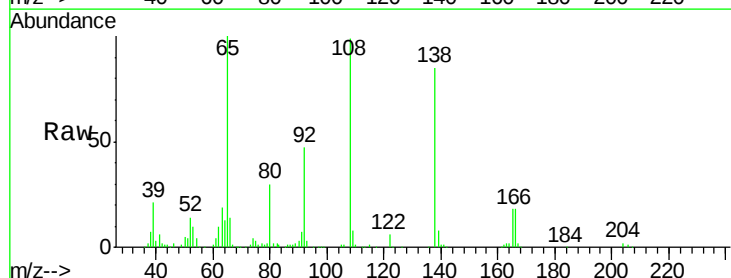
Manual Integrations
 APPROVED

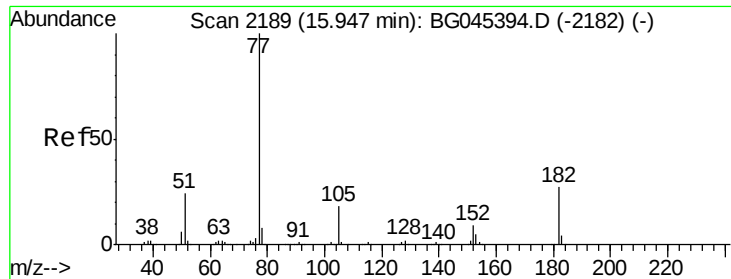
mohammad
 6/8/2020 12:50:22 PM



#62
 4-Nitroaniline
 Concen: 48.61 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	129234		
92	55.4	38.0	78.0	
108	115.8	89.3	129.3	





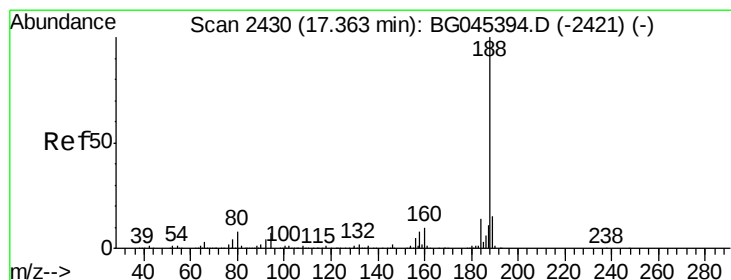
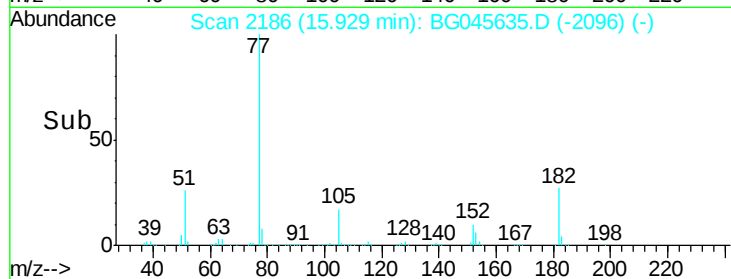
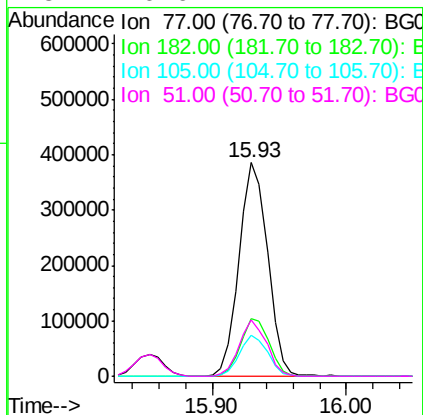
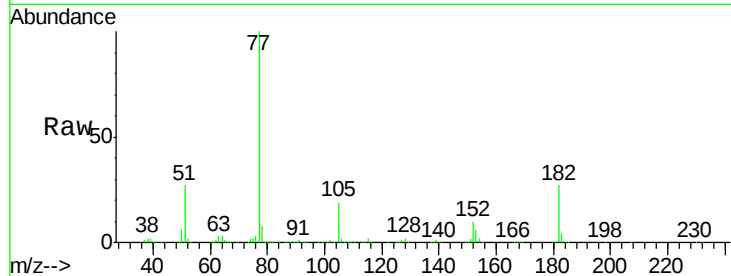
#63
Azobenzene
Concen: 52.87 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	6.5	46.5
105	19.3	0.0	37.9
51	26.6	4.1	44.1

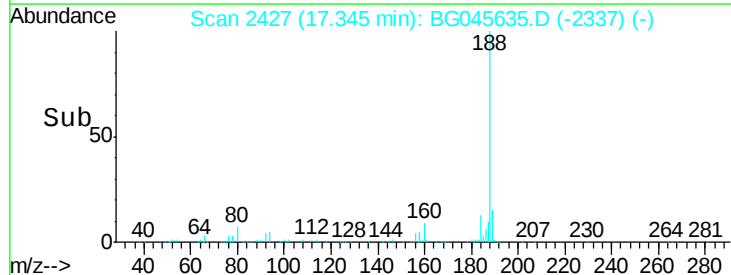
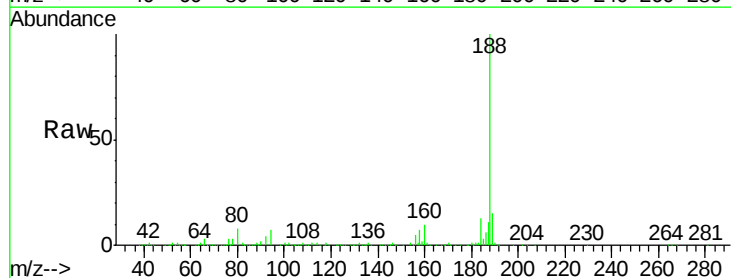
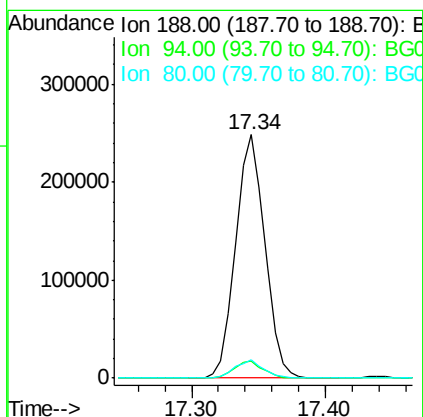
Manual Integrations
APPROVED

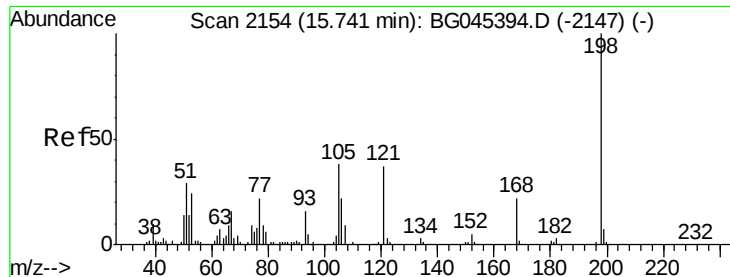
mohammad
6/8/2020 12:50:22 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.5	8.3
80	7.7	6.6	10.0





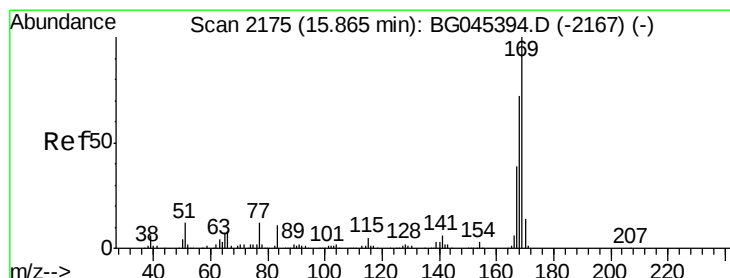
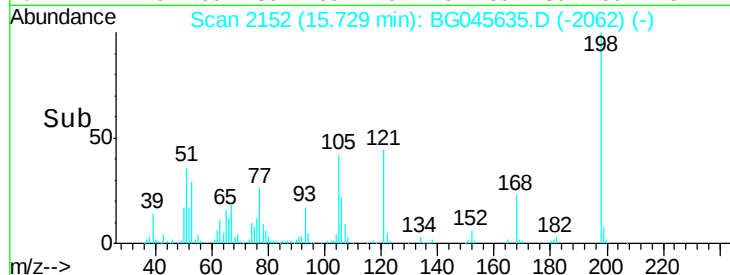
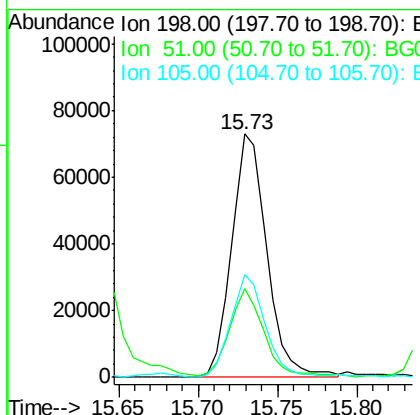
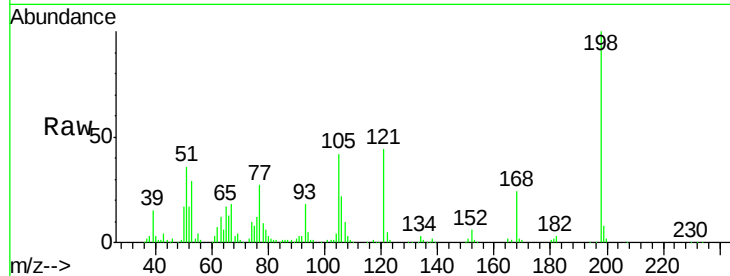
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.83 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	111968		
51	36.5	10.0	50.0	
105	42.1	18.9	58.9	

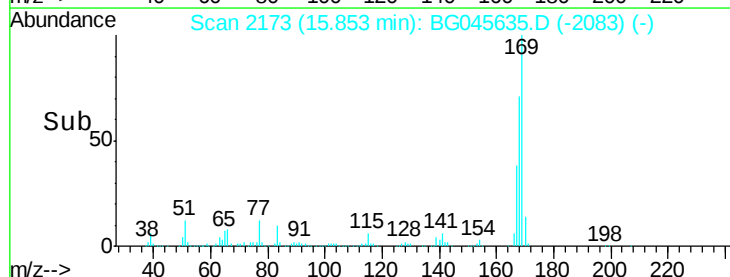
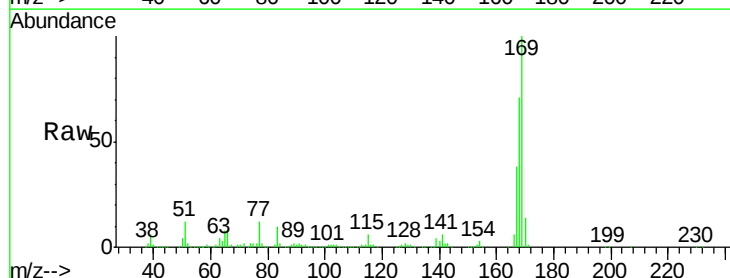
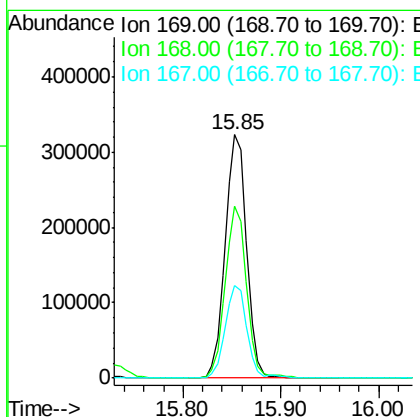
Manual Integrations
 APPROVED

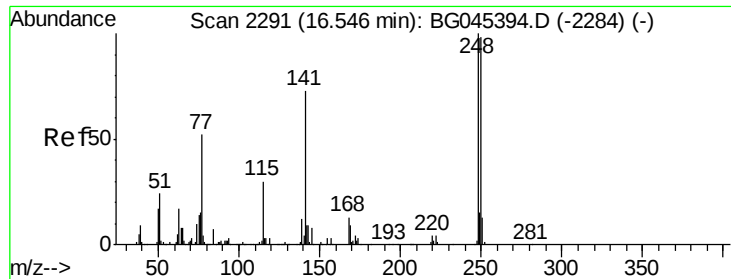
mohammad
 6/8/2020 12:50:22 PM



#66
 n-Nitrosodiphenylamine
 Concen: 53.89 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	489394		
168	70.6	57.8	86.6	
167	37.9	31.5	47.3	





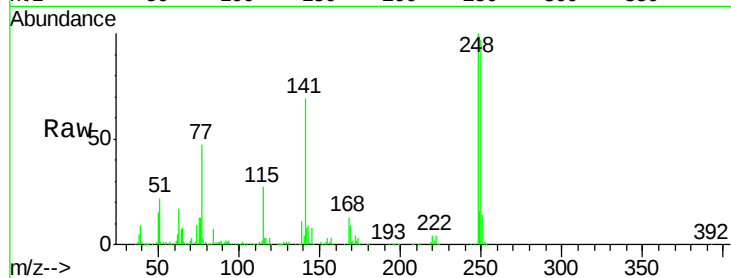
#67
4-Bromophenyl-phenylether
Concen: 52.95 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

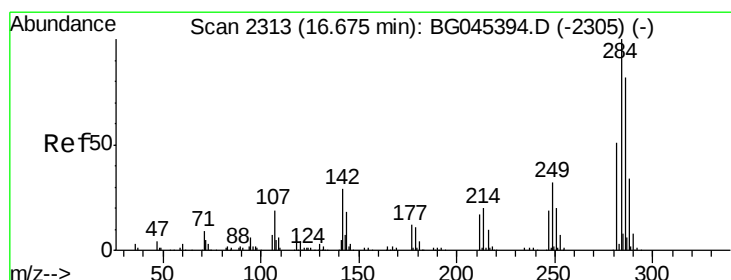
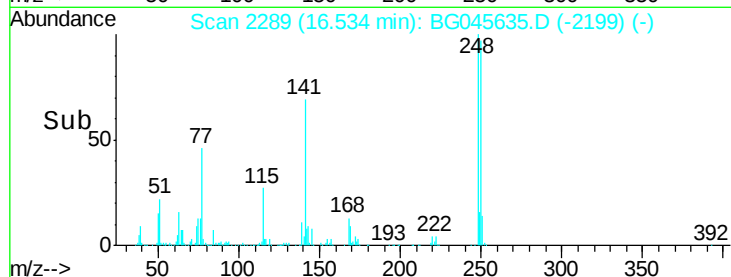
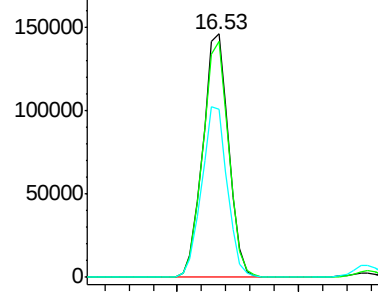
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.6	117.8
141	68.9	58.2	87.2

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM

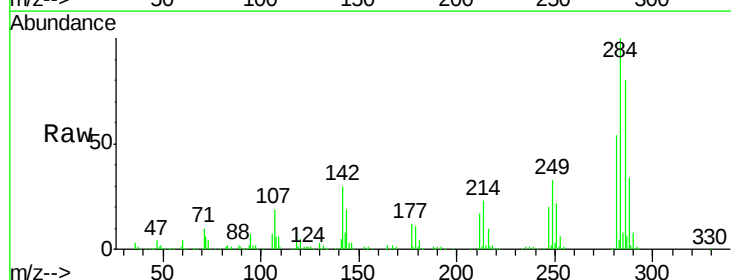


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

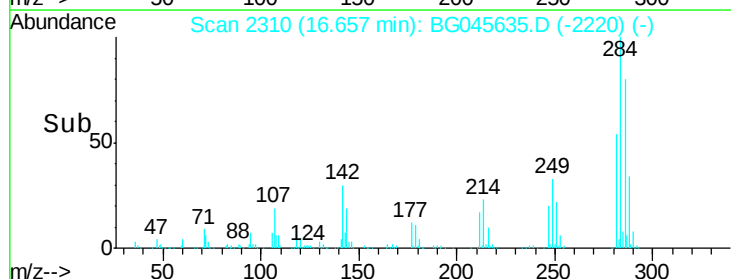
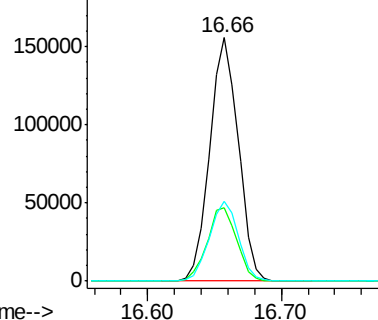


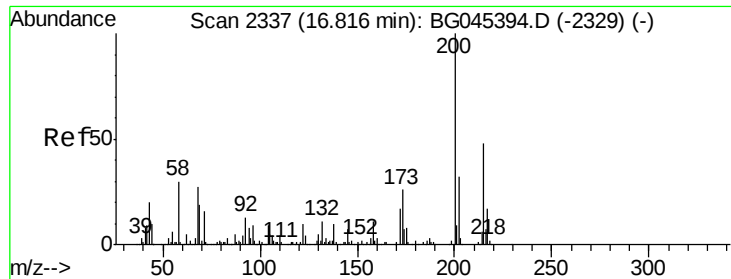
#68
Hexachlorobenzene
Concen: 53.67 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	23.0	34.6
249	32.8	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





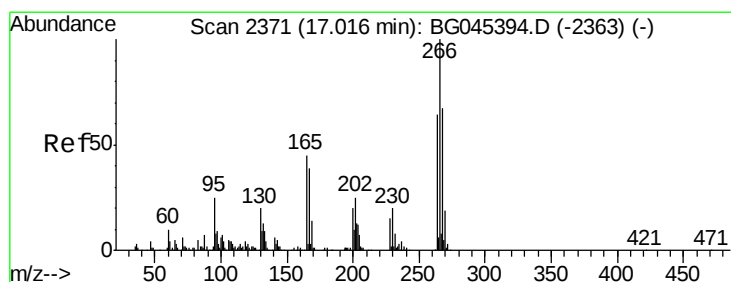
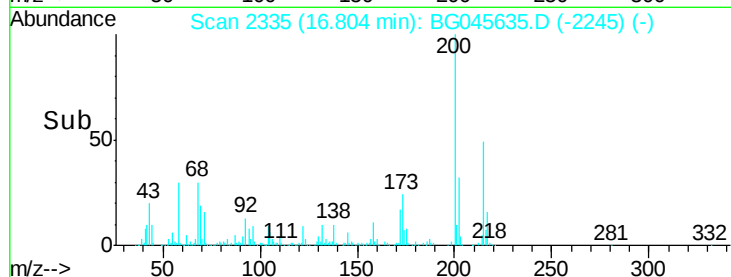
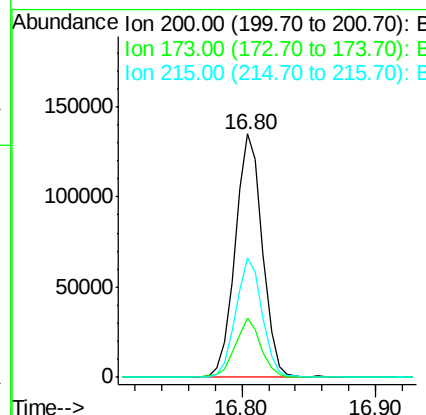
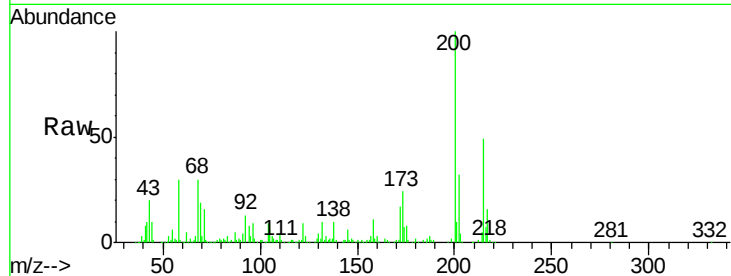
#69
Atrazine
Concen: 51.03 ng
RT: 16.80 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	190891		
173	24.4	5.5	45.5	
215	48.8	28.2	68.2	

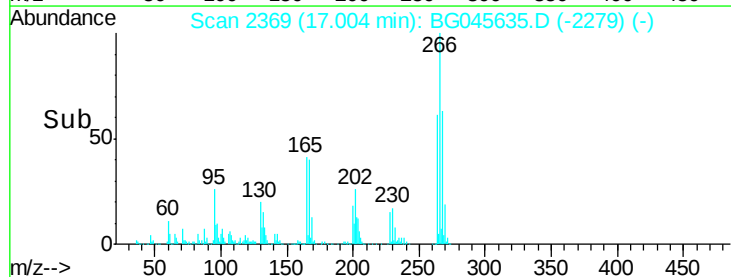
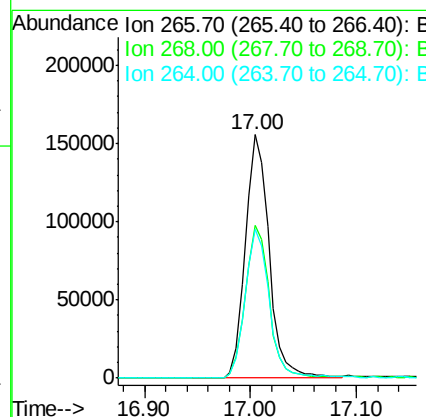
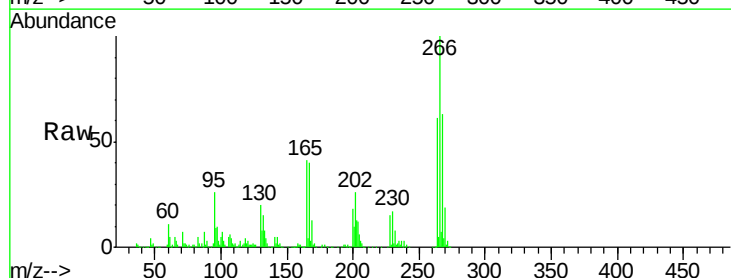
Manual Integrations
APPROVED

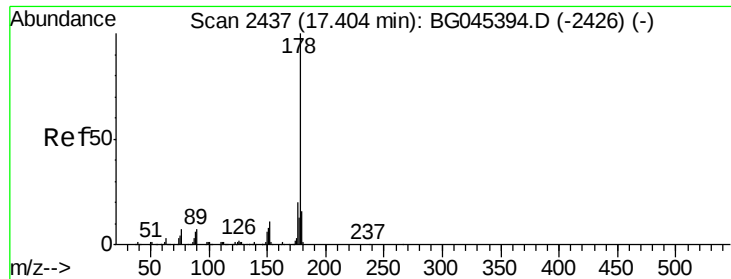
mohammad
6/8/2020 12:50:22 PM



#70
Pentachlorophenol
Concen: 109.38 ng
RT: 17.00 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	243305		
268	63.0	53.2	79.8	
264	61.2	51.0	76.4	





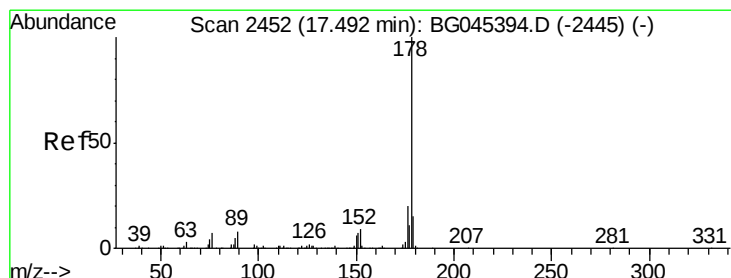
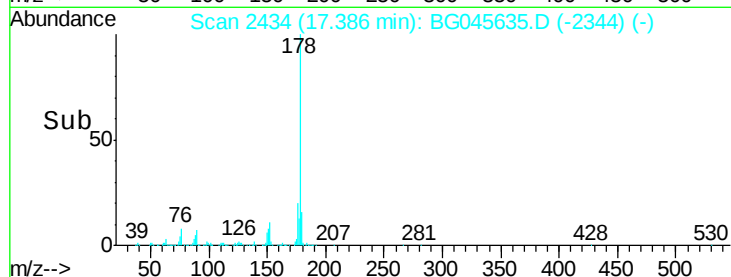
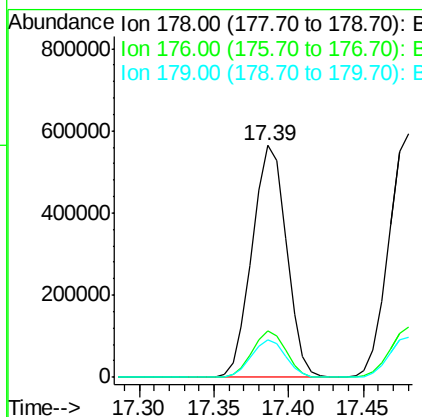
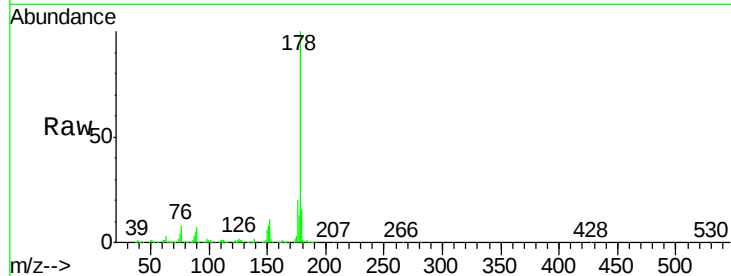
#71
Phenanthrene
Concen: 54.38 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	16.3	13.1	19.7

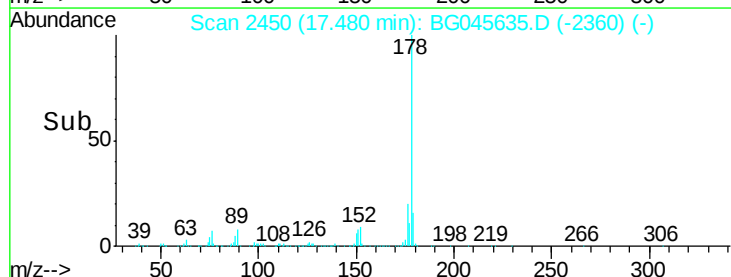
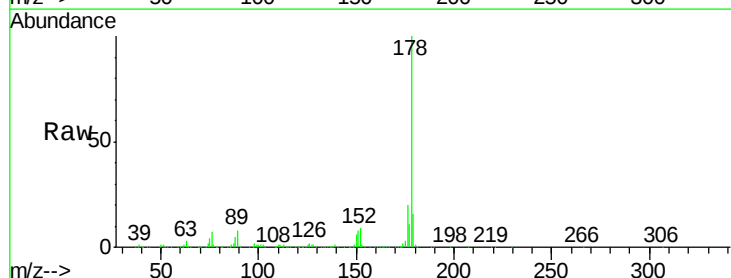
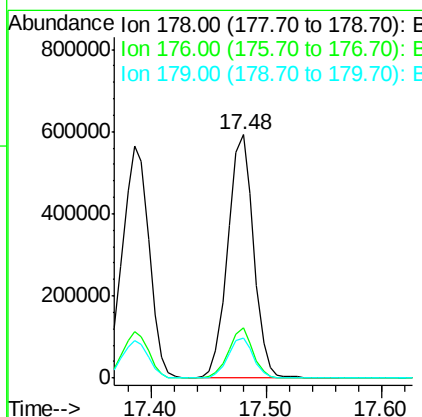
Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#72
Anthracene
Concen: 55.03 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	16.3	12.2	18.4





#73

Carbazole

Concen: 52.20 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Instrument :

BNA_G

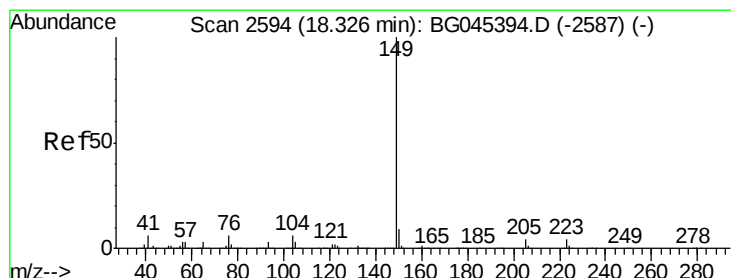
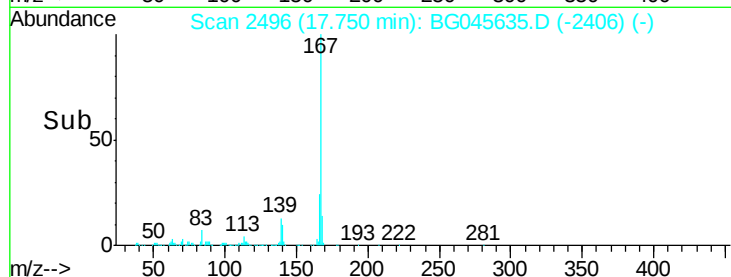
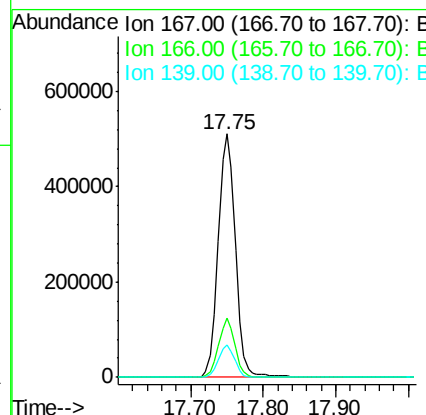
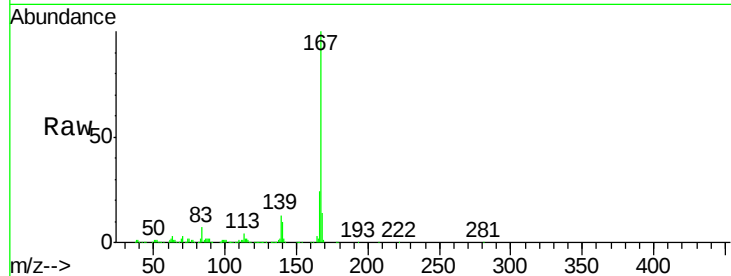
ClientSampleId :

PL-01-060320MS

Tgt Ion:	167	Resp:	843788
Ion Ratio		Lower	Upper
167	100		
166	24.4	19.2	28.8
139	13.1	10.6	16.0

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#74

Di-n-butylphthalate

Concen: 51.62 ng

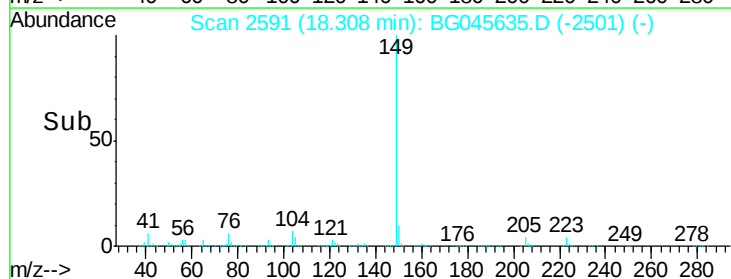
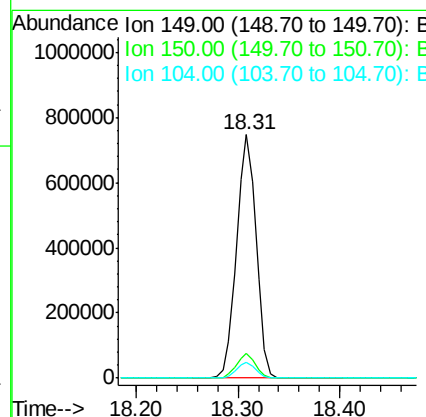
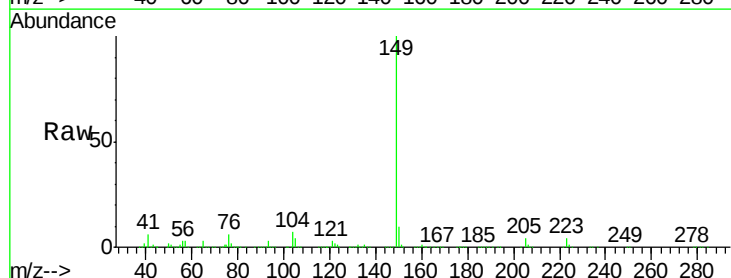
RT: 18.31 min Scan# 2591

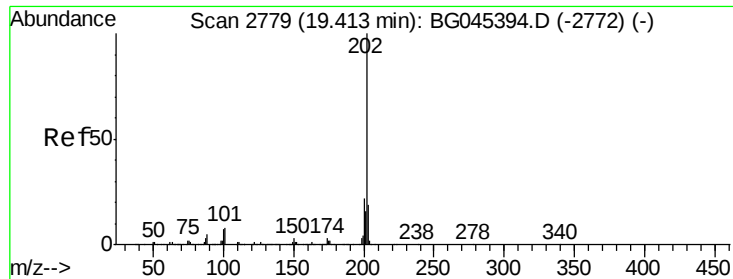
Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Tgt Ion:	149	Resp:	1001522
Ion Ratio		Lower	Upper
149	100		
150	9.9	7.6	11.4
104	6.7	5.0	7.4





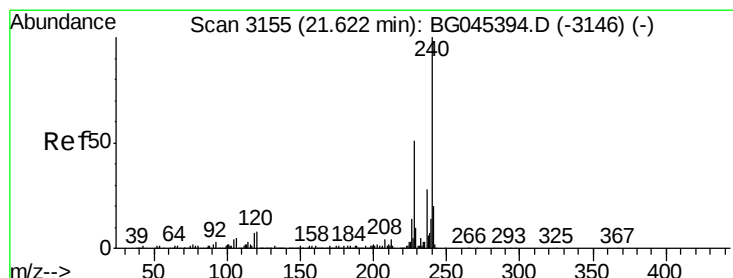
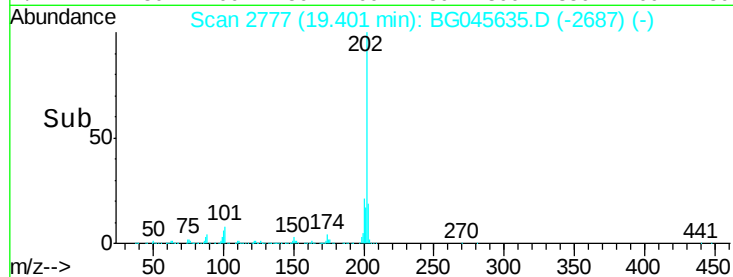
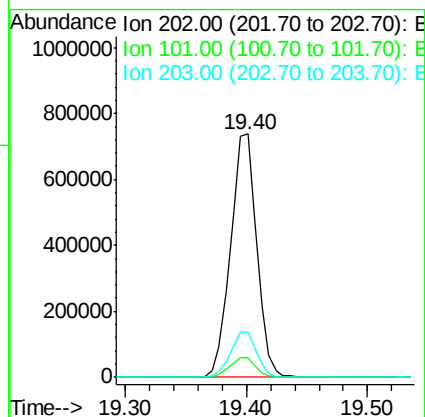
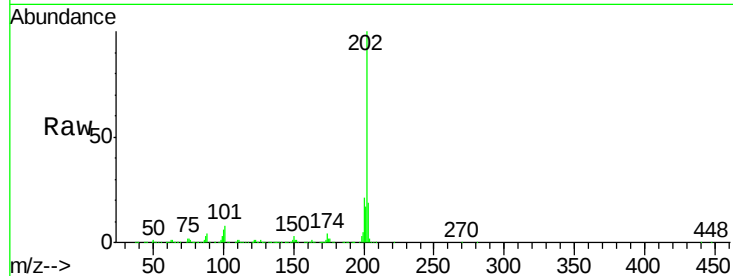
#75
 Fluoranthene
 Concen: 53.05 ng
 RT: 19.40 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tgt Ion:	202	Resp:	1114154
Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.3
203	18.7	0.0	39.0

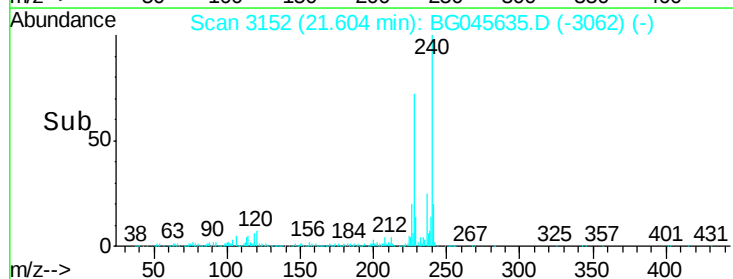
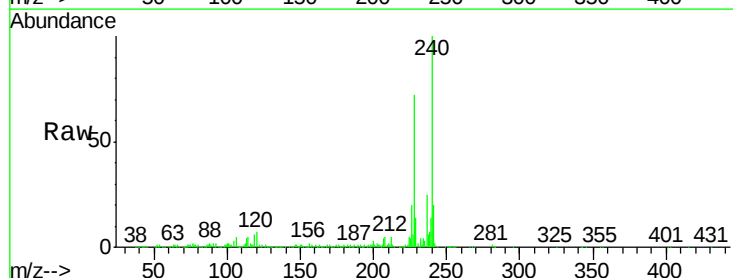
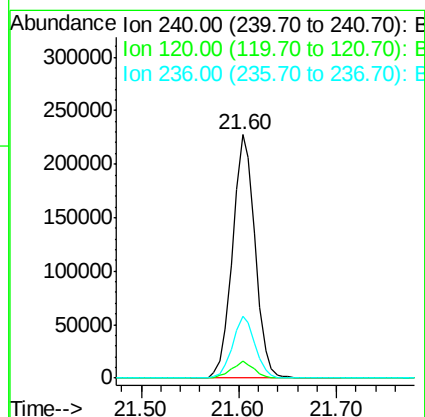
Manual Integrations
 APPROVED

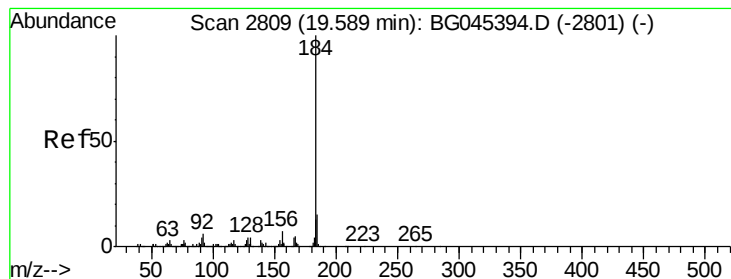
mohammad
 6/8/2020 12:50:22 PM



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Tgt Ion:	240	Resp:	363058
Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.1	9.1
236	25.4	22.3	33.5





#77

Benzidine

Concen: 31.73 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Instrument :

BNA_G

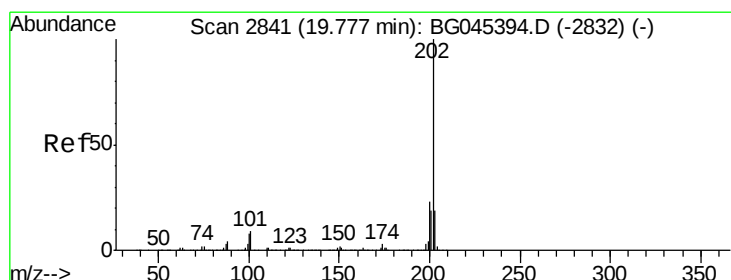
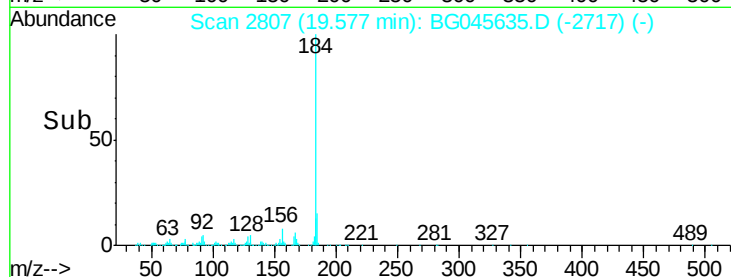
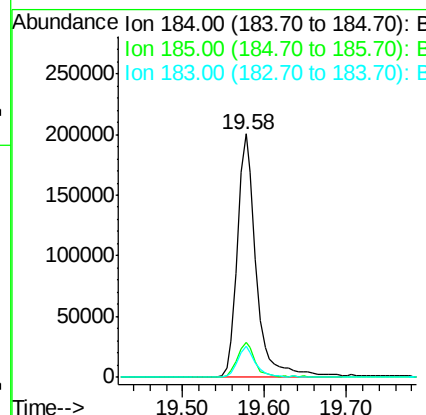
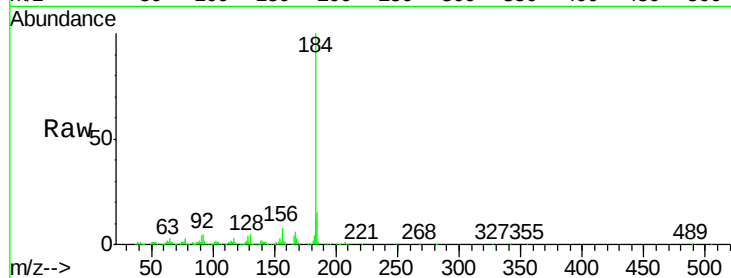
ClientSampleId :

PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.7	17.5
183	12.7	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#78

Pyrene

Concen: 54.14 ng

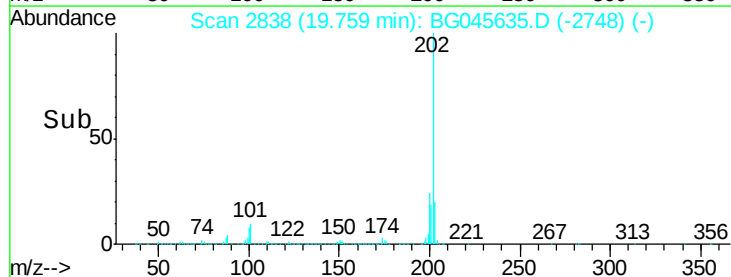
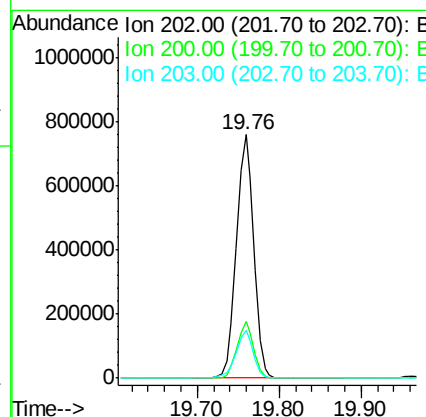
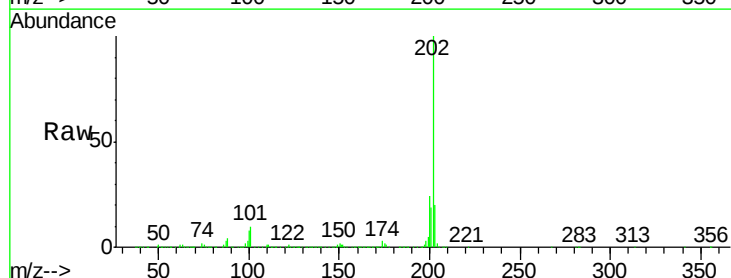
RT: 19.76 min Scan# 2838

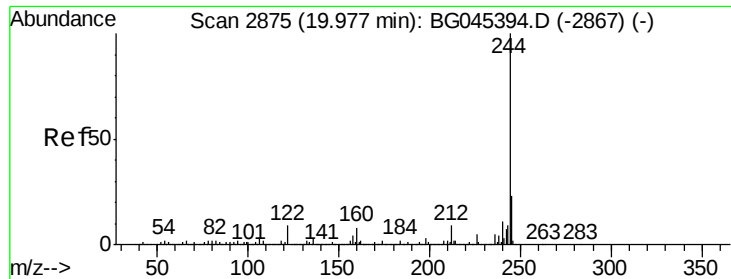
Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.2	27.2
203	19.5	15.1	22.7





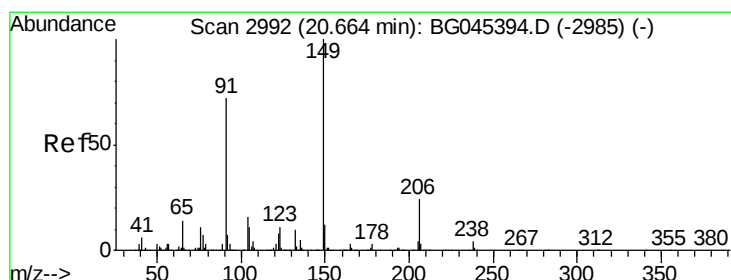
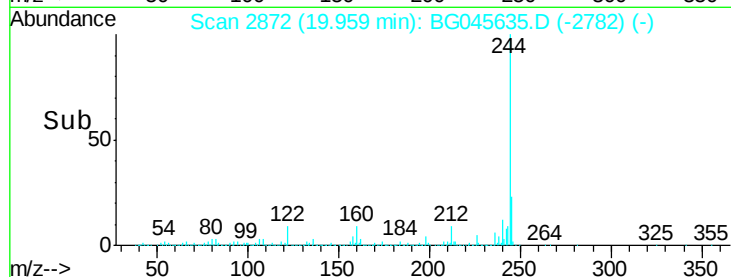
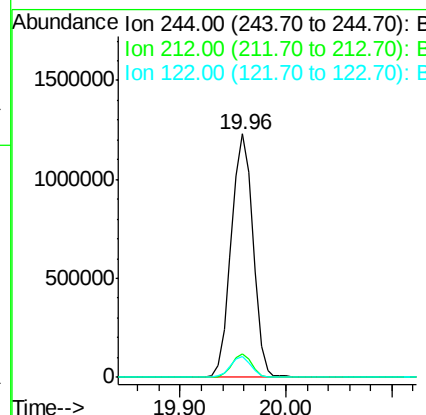
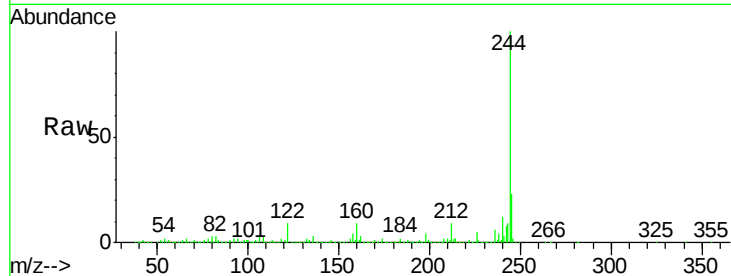
#79
 Terphenyl-d14
 Concen: 112.63 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-060320MS

Tgt Ion:244 Resp: 1753249
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.4 11.0
 122 8.6 6.8 10.2

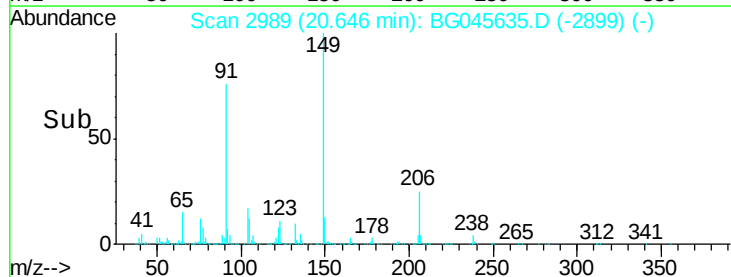
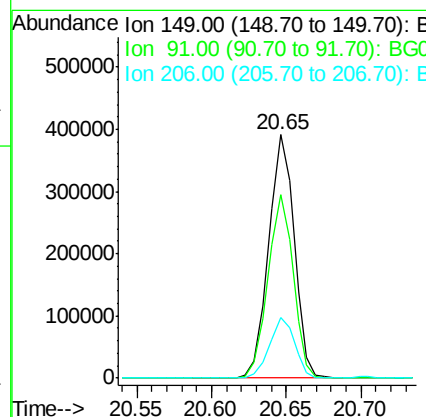
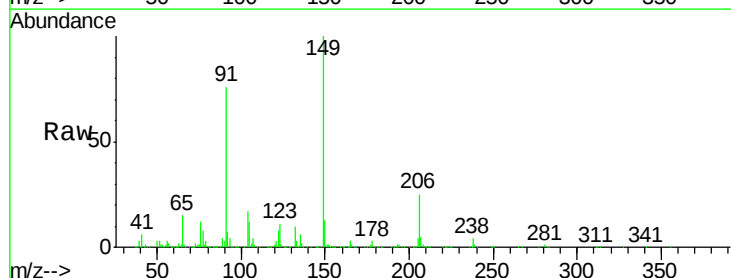
Manual Integrations
 APPROVED

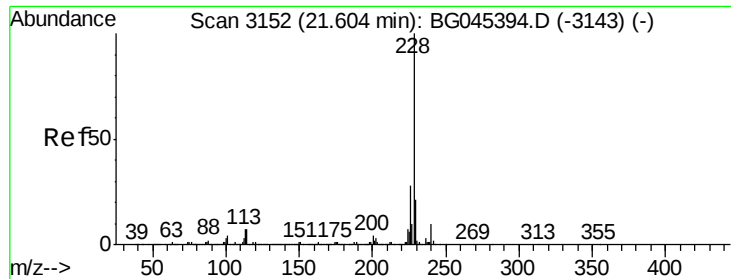
mohammad
 6/8/2020 12:50:22 PM



#80
 Butylbenzylphthalate
 Concen: 51.79 ng
 RT: 20.65 min Scan# 2989
 Delta R.T. 0.00 min
 Lab File: BG045635.D
 Acq: 6 Jun 2020 5:00

Tgt Ion:149 Resp: 462666
 Ion Ratio Lower Upper
 149 100
 91 75.5 57.8 86.6
 206 24.6 19.1 28.7





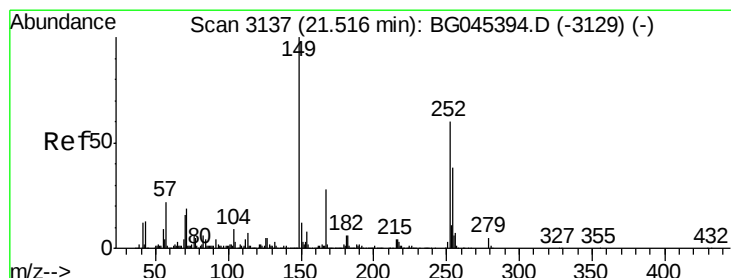
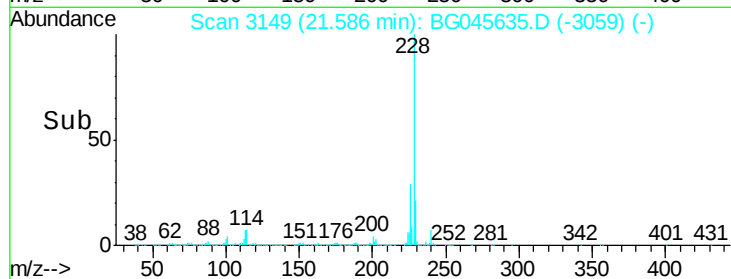
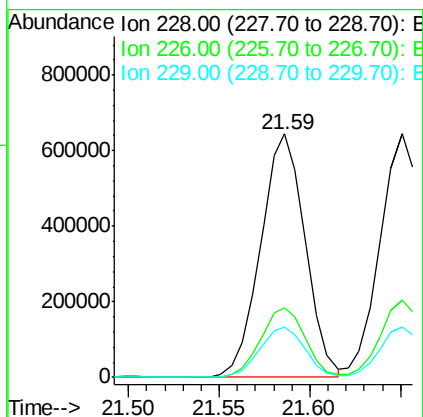
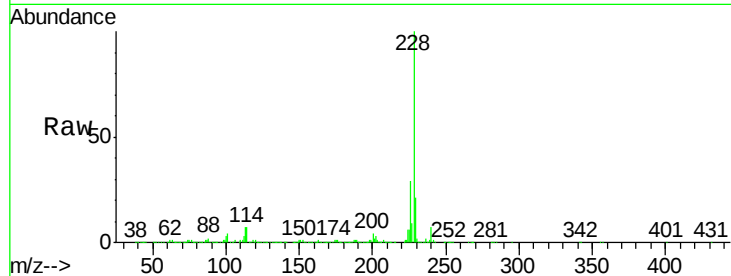
#81
Benzo(a)anthracene
Concen: 54.50 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	20.9	16.7	25.1

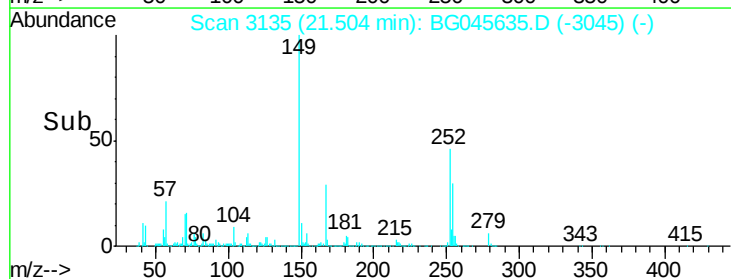
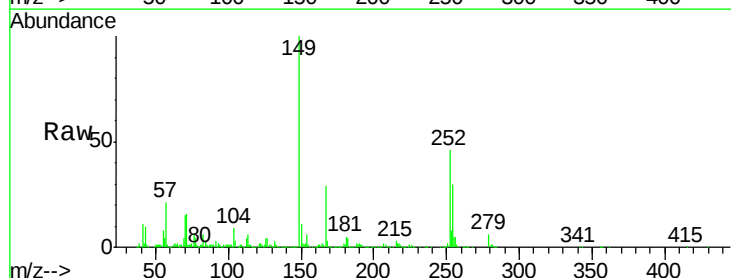
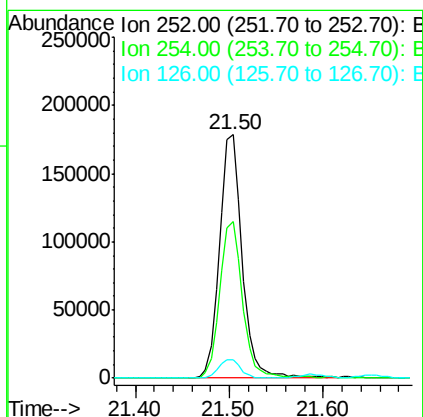
Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#82
3,3'-Dichlorobenzidine
Concen: 37.94 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	7.6	6.6	10.0





#83

Chrysene

Concen: 54.22 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Instrument :

BNA_G

ClientSampleId :

PL-01-060320MS

Tgt Ion:228 Resp: 1054420

Ion Ratio Lower Upper

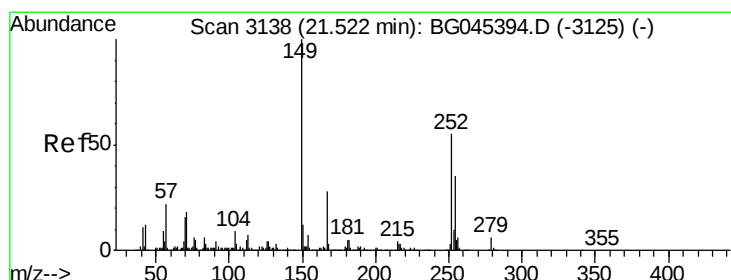
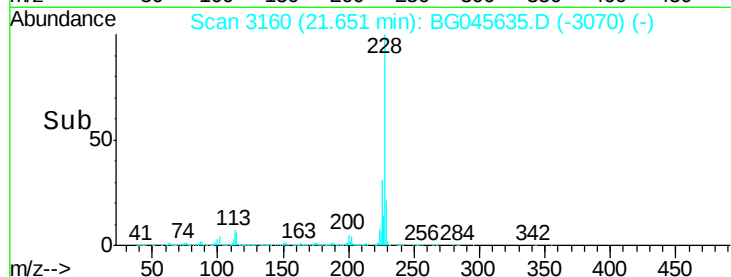
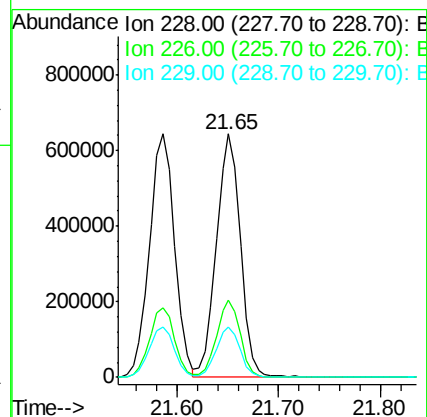
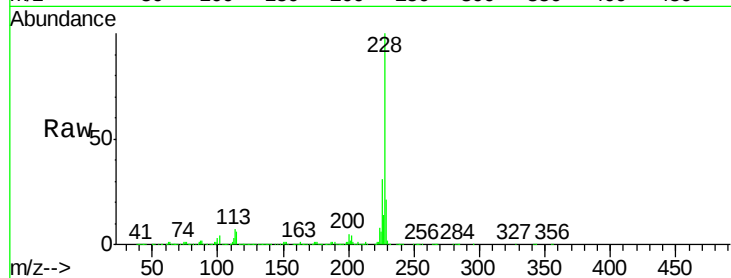
228 100

226 31.5 25.2 37.8

229 20.8 16.7 25.1

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.69 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

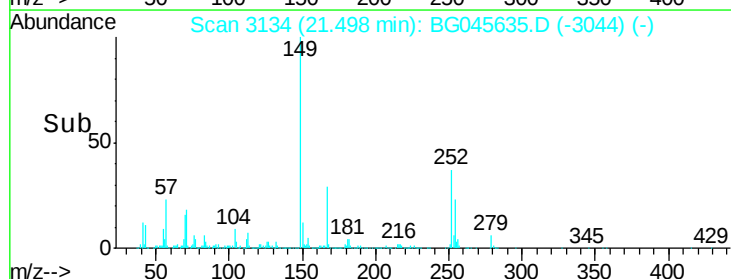
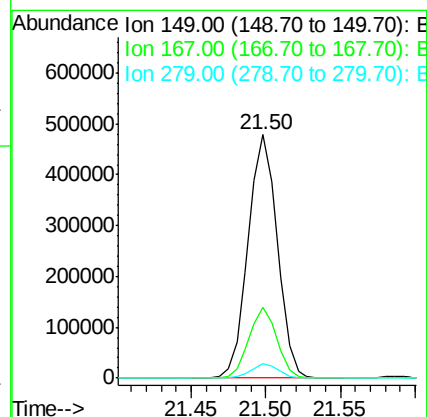
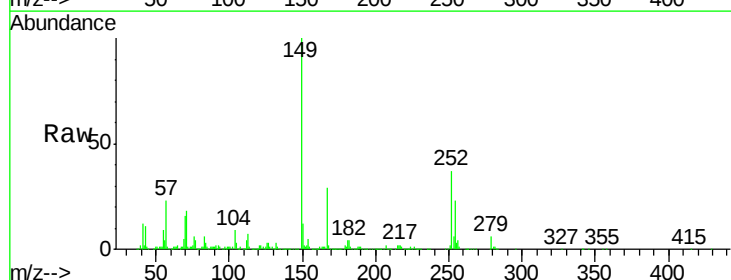
Tgt Ion:149 Resp: 646972

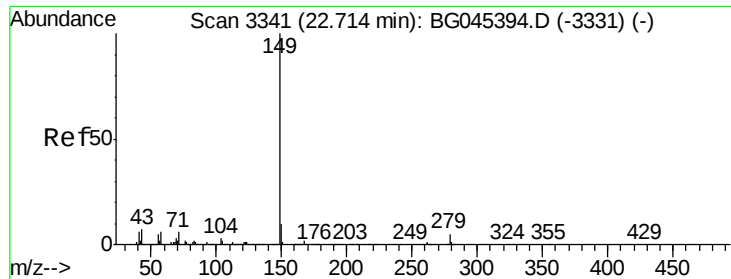
Ion Ratio Lower Upper

149 100

167 29.2 22.2 33.2

279 5.9 4.7 7.1





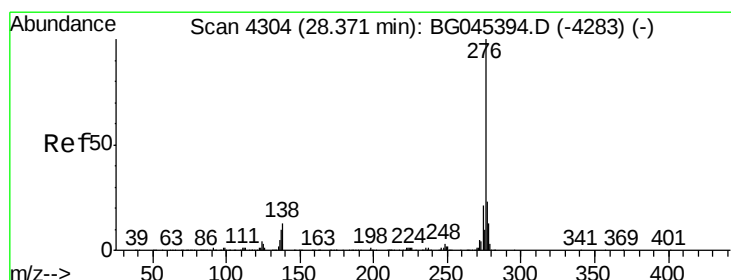
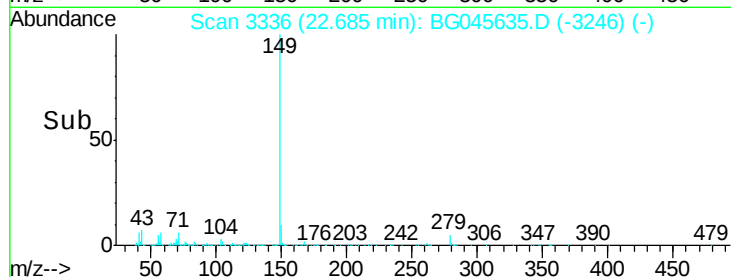
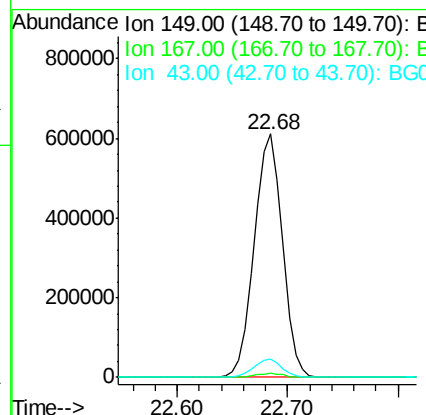
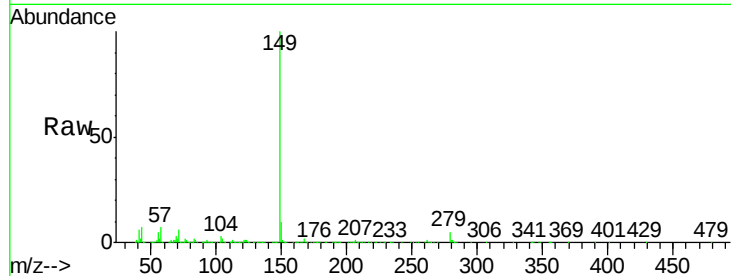
#85
Di-n-octyl phthalate
Concen: 51.88 ng
RT: 22.68 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.2	5.8	8.8

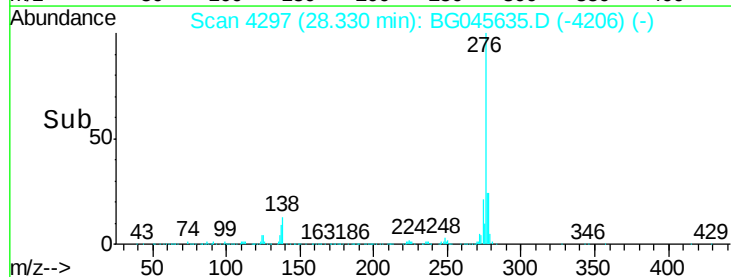
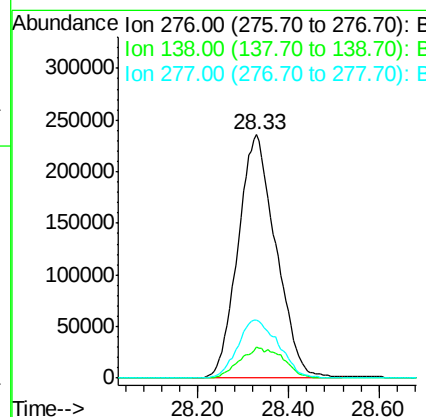
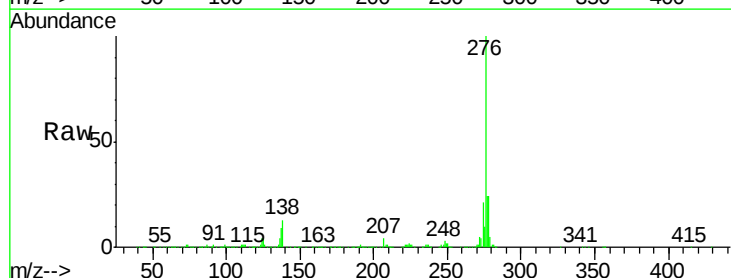
Manual Integrations
APPROVED

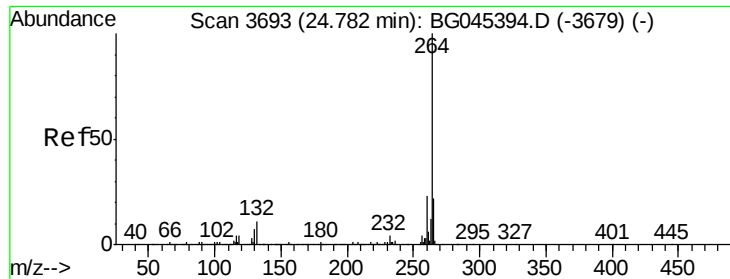
mohammad
6/8/2020 12:50:22 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 53.94 ng
RT: 28.33 min Scan# 4297
Delta R.T. 0.01 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	8.6	12.8#
277	25.6	20.2	30.4





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Instrument :

BNA_G

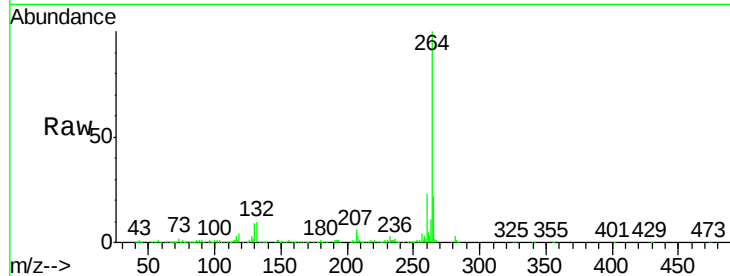
ClientSampleId :

PL-01-060320MS

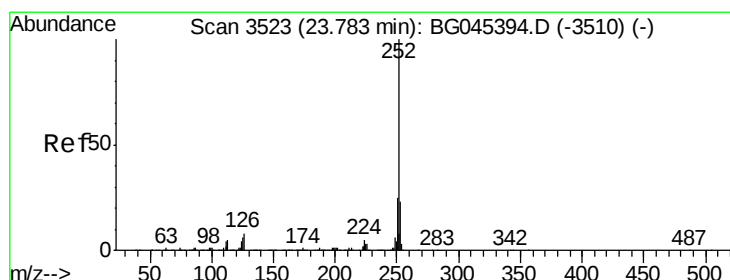
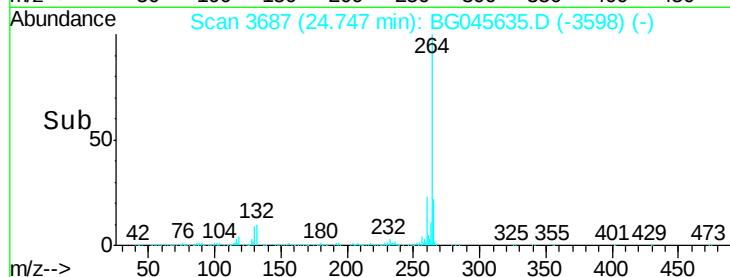
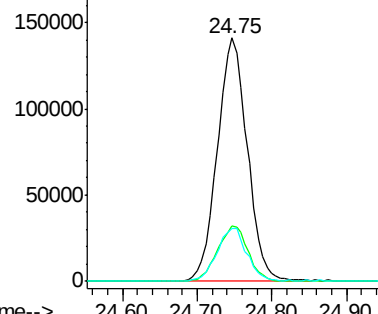
Tgt Ion:	264	Resp:	392161
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.2	27.4
265	21.9	17.6	26.4

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 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: 55.53 ng

RT: 23.76 min Scan# 3519

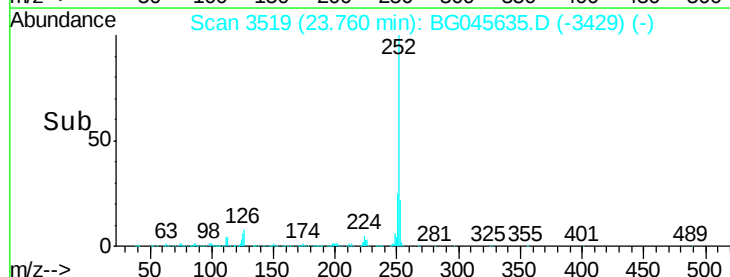
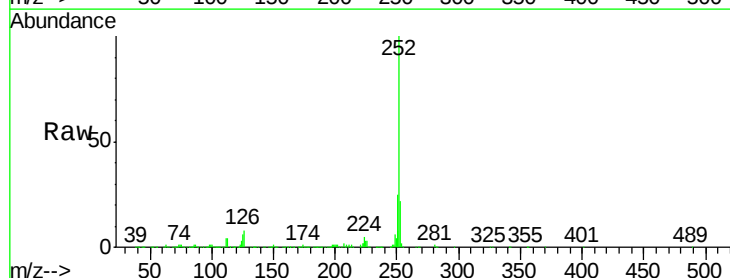
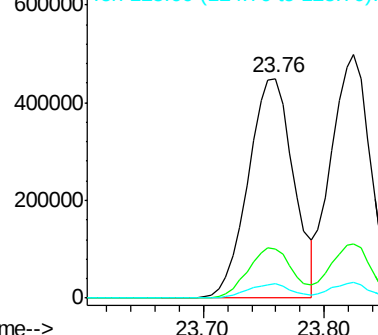
Delta R.T. 0.00 min

Lab File: BG045635.D

Acq: 6 Jun 2020 5:00

Tgt Ion:	252	Resp:	1168002
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	6.4	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





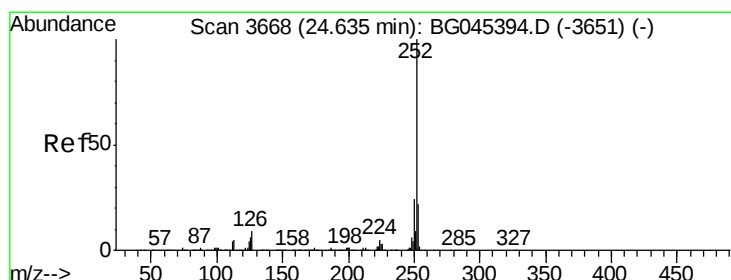
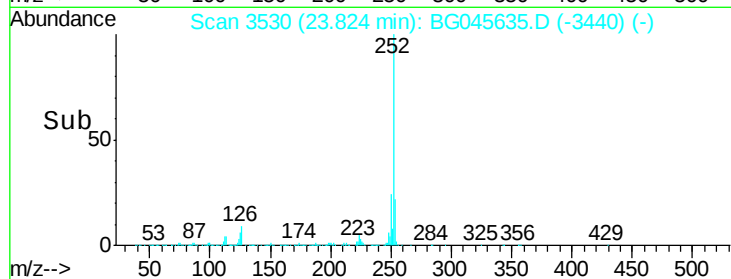
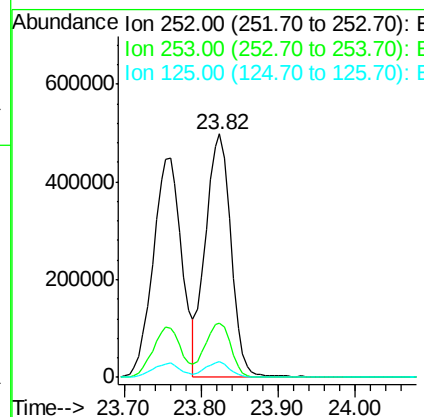
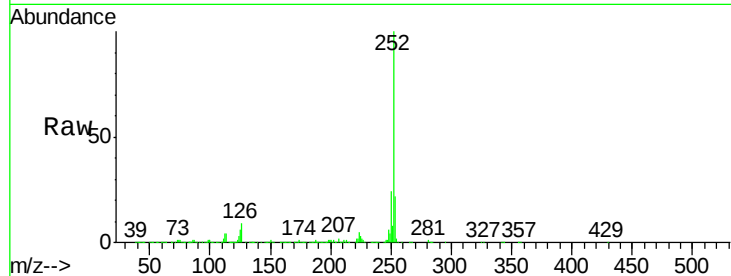
#89
Benzo(k)fluoranthene
Concen: 57.25 ng
RT: 23.82 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	6.4	5.7	8.5

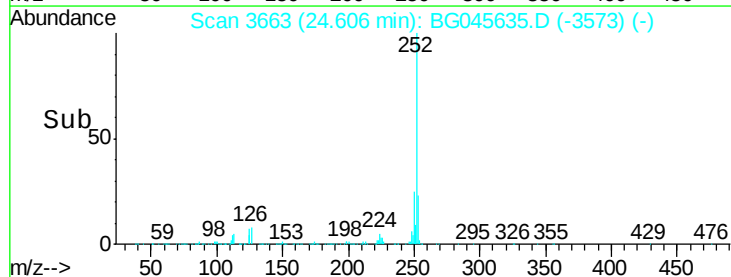
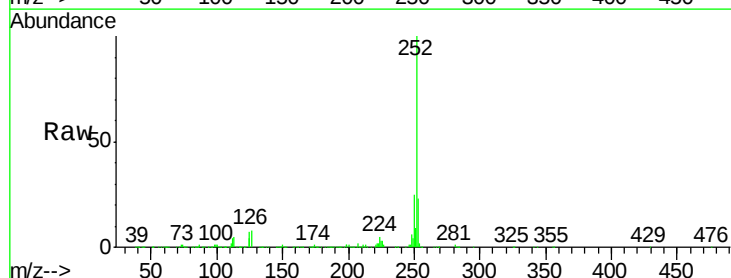
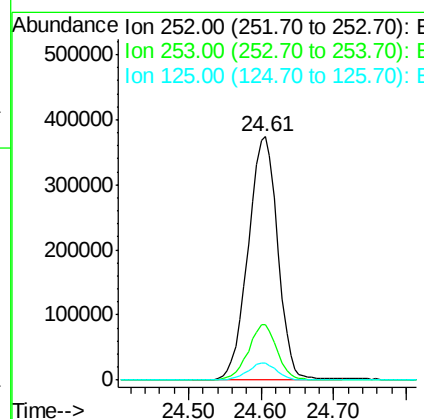
Manual Integrations
APPROVED

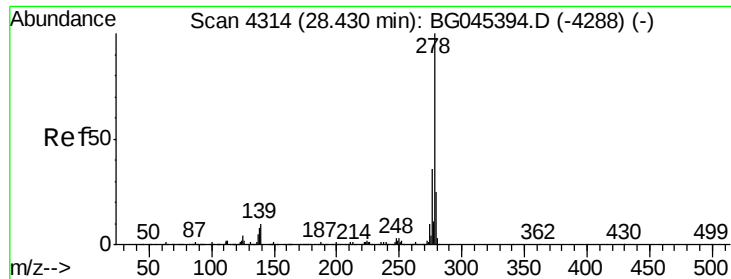
mohammad
6/8/2020 12:50:22 PM



#90
Benzo(a)pyrene
Concen: 54.30 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	7.1	5.0	7.6





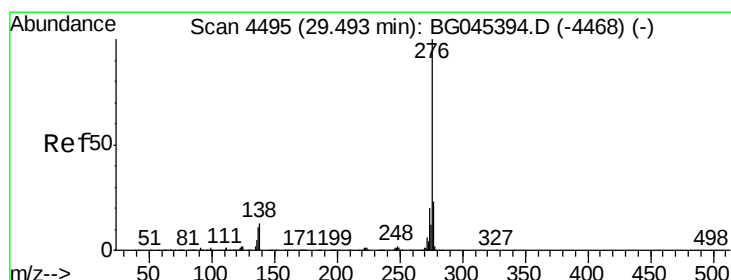
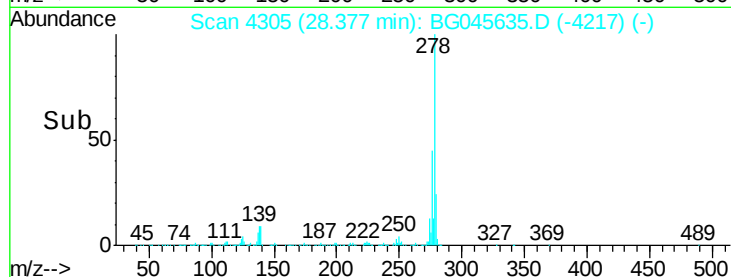
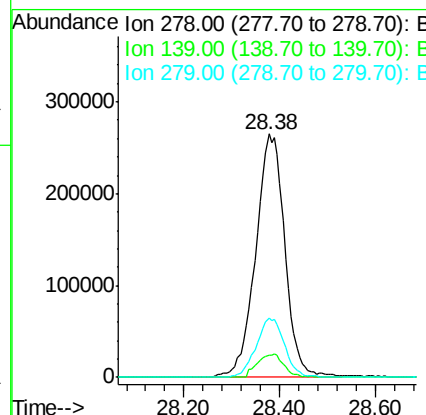
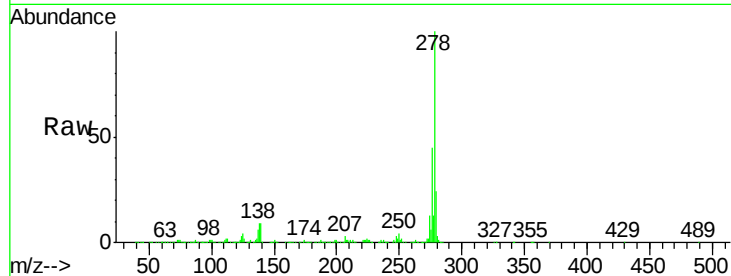
#91
Dibenzo(a,h)anthracene
Concen: 56.91 ng
RT: 28.38 min Scan# 4305
Delta R.T. -0.01 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.8	11.8
279	24.4	19.8	29.8

Manual Integrations
APPROVED

mohammad
6/8/2020 12:50:22 PM



#92
Benzo(g,h,i)perylene
Concen: 57.35 ng
RT: 29.43 min Scan# 4485
Delta R.T. -0.01 min
Lab File: BG045635.D
Acq: 6 Jun 2020 5:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.1	27.1
138	12.0	10.2	15.4

