

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
 Data File : BG043051.D
 Acq On : 5 Oct 2019 12:21
 Operator : JU
 Sample : PB123649BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Manual Integrations
 APPROVED

mohammad
 10/7/2019 4:39:00 PM

Quant Time: Oct 07 08:50:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	81004	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	312725	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	223261	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	532782	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	591005	20.00	ng	-0.02
87) Perylene-d12	24.91	264	586424	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	514241	113.29	ng	0.00
7) Phenol-d6	7.24	99	693262	106.06	ng	0.00
23) Nitrobenzene-d5	9.22	82	408121	63.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	434239	113.11	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1028962	66.81	ng	-0.02
79) Terphenyl-d14	20.03	244	1889297	68.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	63874	33.752	ng	92
3) Pyridine	3.93	79	160185	30.095	ng	90
4) n-Nitrosodimethylamine	3.85	42	102819	40.170	ng	# 81
6) Aniline	7.39	93	264364	33.505	ng	97
8) 2-Chlorophenol	7.64	128	217745	46.000	ng	97
9) Benzaldehyde	7.19	77	107729	26.971	ng	89
10) Phenol	7.26	94	269631	44.961	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	188310	40.584	ng	93
12) 1,3-Dichlorobenzene	7.95	146	244457	40.483	ng	98
13) 1,4-Dichlorobenzene	8.09	146	246209	40.901	ng	99
14) 1,2-Dichlorobenzene	8.42	146	234934	40.993	ng	95
15) Benzyl Alcohol	8.30	79	211517	43.041	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	287015	32.209	ng	95
17) 2-Methylphenol	8.51	107	187755	44.745	ng	97
18) Hexachloroethane	9.15	117	85661	37.784	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	161722	37.680	ng	93
20) 3+4-Methylphenols	8.84	107	253974	44.166	ng	95
22) Acetophenone	8.88	105	323421	40.121	ng	# 95
24) Nitrobenzene	9.26	77	252133	41.084	ng	94
25) Isophorone	9.79	82	457524	40.483	ng	99
26) 2-Nitrophenol	9.97	139	125152	47.904	ng	96
27) 2,4-Dimethylphenol	10.04	122	206598	51.493	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	254465	39.685	ng	95
29) 2,4-Dichlorophenol	10.52	162	236354	47.367	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	258431	40.106	ng	97
31) Naphthalene	10.91	128	649767	42.208	ng	99
32) Benzoic acid	10.20	122	129180	42.433	ng	97
33) 4-Chloroaniline	11.03	127	205189	30.717	ng	96
34) Hexachlorobutadiene	11.20	225	186613	38.678	ng	99
35) Caprolactam	11.81	113	71519m	40.643	ng	
36) 4-Chloro-3-methylphenol	12.15	107	251150	46.291	ng	94
37) 2-Methylnaphthalene	12.52	142	501732	42.723	ng	96
38) 1-Methylnaphthalene	12.74	142	473268	42.589	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	331296	39.466	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
 Data File : BG043051.D
 Acq On : 5 Oct 2019 12:21
 Operator : JU
 Sample : PB123649BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB123649BS

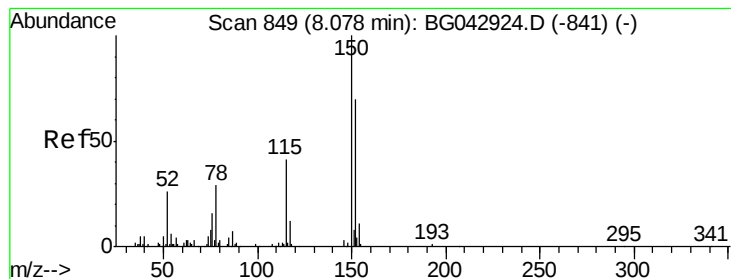
Manual Integrations
 APPROVED

mohammad
 10/7/2019 4:39:00 PM

Quant Time: Oct 07 08:50:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	374091	69.942	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	223184	45.424	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	234834	46.397	ng	97
46) 1,1'-Biphenyl	13.52	154	673199	39.762	ng	98
47) 2-Chloronaphthalene	13.56	162	530464	41.789	ng	99
48) 2-Nitroaniline	13.76	65	172142	40.779	ng	91
49) Acenaphthylene	14.40	152	841732	43.335	ng	98
50) Dimethylphthalate	14.14	163	690439	41.274	ng	98
51) 2,6-Dinitrotoluene	14.25	165	160144	44.954	ng	92
52) Acenaphthene	14.75	154	517919	39.836	ng	98
53) 3-Nitroaniline	14.59	138	128571	34.923	ng	97
54) 2,4-Dinitrophenol	14.79	184	189688	85.665	ng	91
55) Dibenzofuran	15.08	168	825788	42.937	ng	99
56) 4-Nitrophenol	14.91	139	257428	91.772	ng	93
57) 2,4-Dinitrotoluene	15.04	165	229108	43.918	ng	97
58) Fluorene	15.73	166	693481	42.234	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	235825	43.759	ng	99
60) Diethylphthalate	15.50	149	689567	40.505	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	403794	41.005	ng	97
62) 4-Nitroaniline	15.76	138	166269	41.410	ng	96
63) Azobenzene	16.01	77	611065	39.425	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	142796	47.365	ng	93
66) n-Nitrosodiphenylamine	15.94	169	621464	44.186	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	288647	43.166	ng	96
68) Hexachlorobenzene	16.74	284	313660	42.128	ng	96
69) Atrazine	16.88	200	238979	40.350	ng	96
70) Pentachlorophenol	17.08	266	388544	90.439	ng	98
71) Phenanthrene	17.47	178	1105333	42.495	ng	97
72) Anthracene	17.56	178	1119306	43.105	ng	98
73) Carbazole	17.83	167	1044015	43.357	ng	99
74) Di-n-butylphthalate	18.38	149	1196514	41.647	ng	99
75) Fluoranthene	19.47	202	1451206	42.182	ng	100
77) Benzidine	19.66	184	422956	28.582	ng	99
78) Pyrene	19.84	202	1447153	41.025	ng	98
80) Butylbenzylphthalate	20.72	149	567732	42.401	ng	99
81) Benzo(a)anthracene	21.68	228	1529562	41.536	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	567249	39.274	ng	99
83) Chrysene	21.74	228	1460423	40.867	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	828051	43.462	ng	100
85) Di-n-octyl phthalate	22.79	149	1368745	43.934	ng	97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1972913	44.347	ng	98
88) Benzo(b)fluoranthene	23.89	252	1634202	49.251	ng	98
89) Benzo(k)fluoranthene	23.96	252	1596487	48.635	ng	99
90) Benzo(a)pyrene	24.77	252	1581905	50.531	ng	100
91) Dibenzo(a,h)anthracene	28.65	278	1668304	51.970	ng	99
92) Benzo(g,h,i)perylene	29.74	276	1622942	52.179	ng	96

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



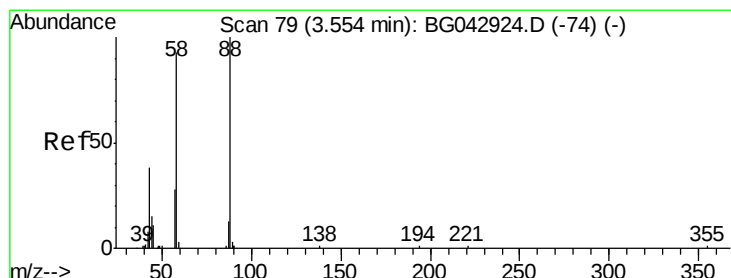
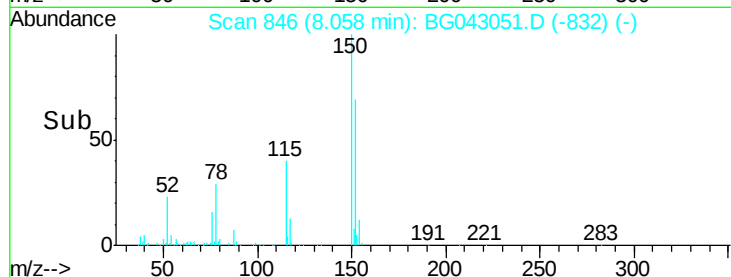
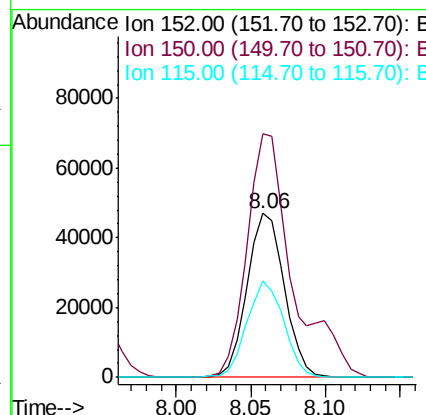
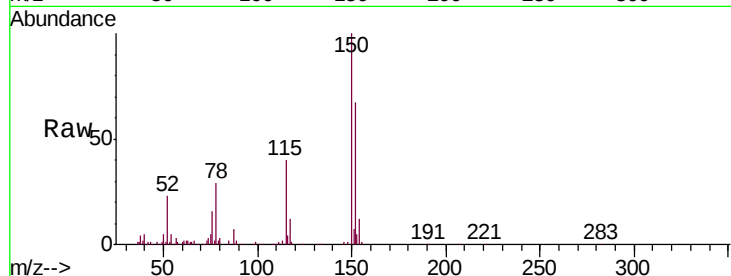
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.02 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.6	115.0	172.4
115	58.7	47.0	70.6

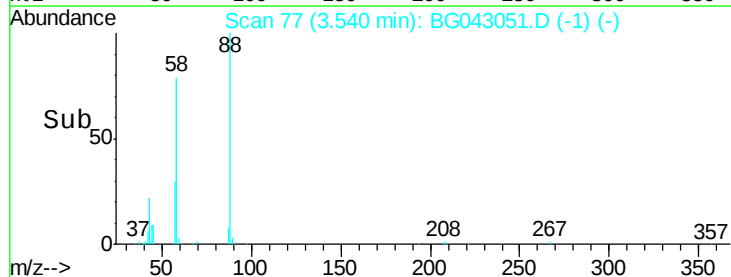
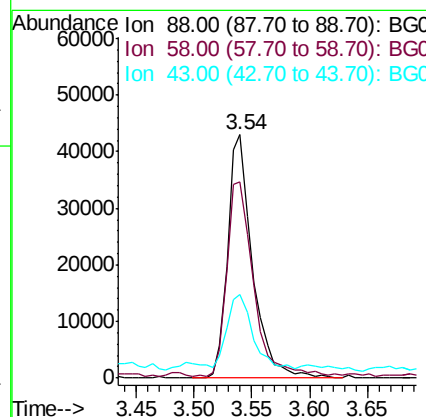
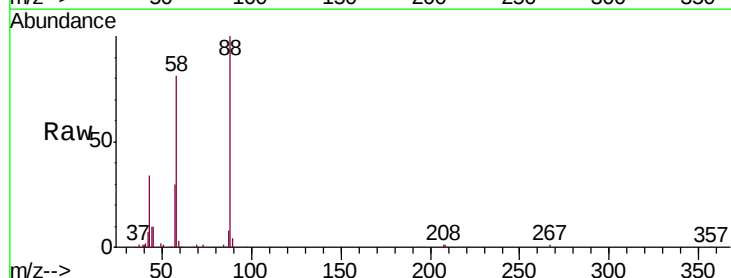
Manual Integrations
 APPROVED

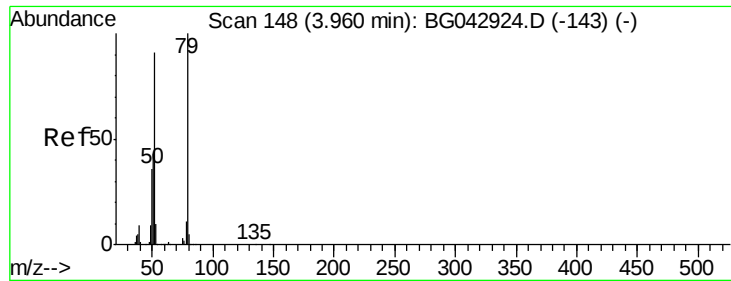
mohammad
 10/7/2019 4:39:00 PM



#2
 1,4-Dioxane
 Concen: 33.752 ng
 RT: 3.54 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	74.3	111.5
43	32.3	29.8	44.8





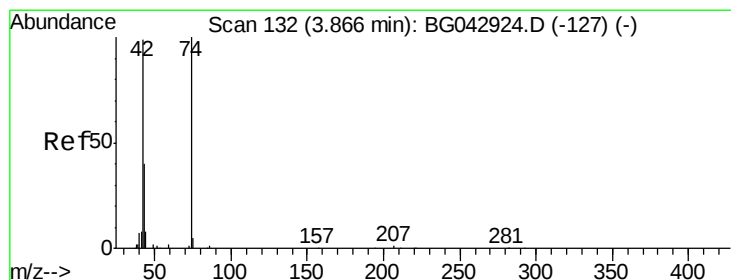
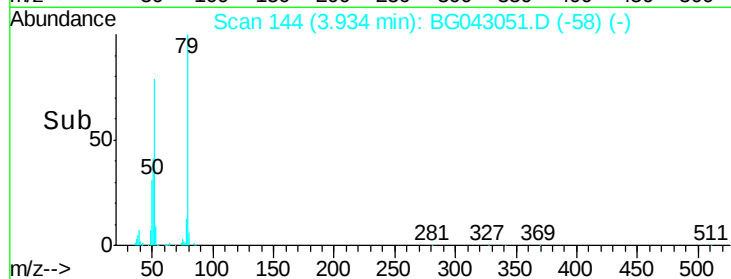
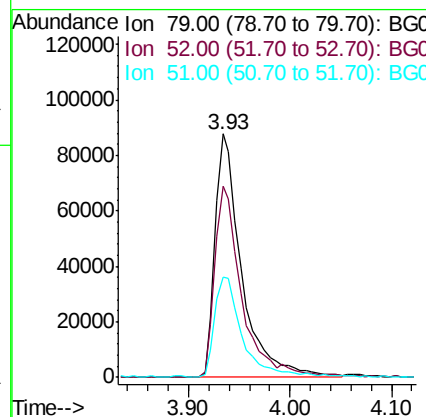
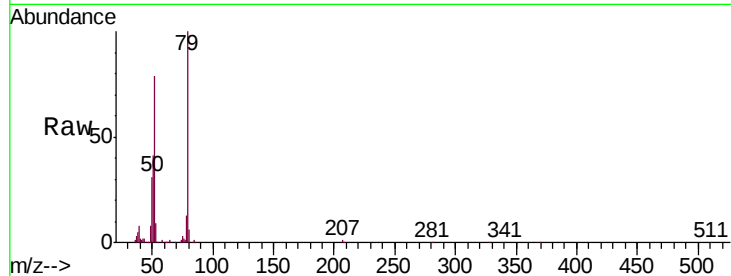
#3
 Pyridine
 Concen: 30.095 ng
 RT: 3.93 min Scan# 144
 Delta R.T. -0.03 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	78.7	73.0	109.4
51	41.4	35.1	52.7

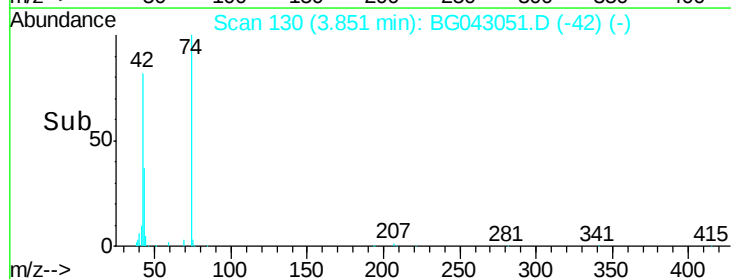
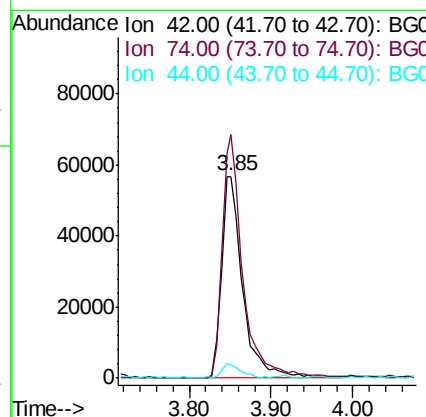
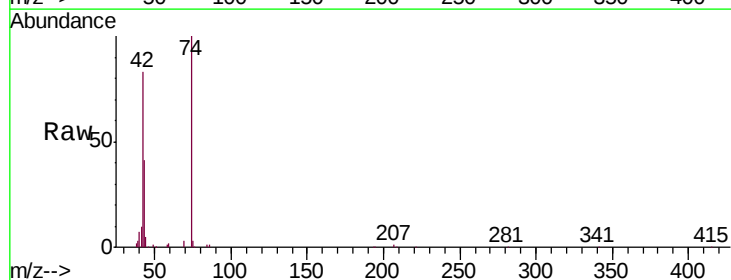
Manual Integrations
 APPROVED

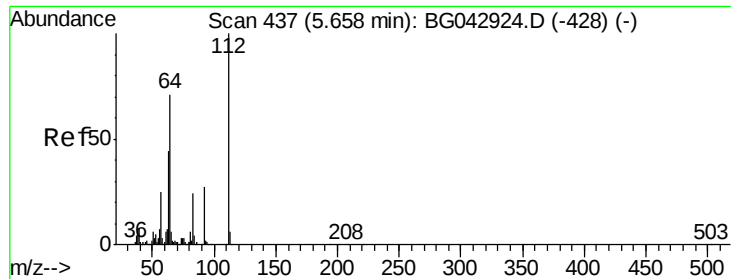
mohammad
 10/7/2019 4:39:00 PM



#4
 n-Nitrosodimethylamine
 Concen: 40.170 ng
 RT: 3.85 min Scan# 130
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.8	80.5	120.7#
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 113.294 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

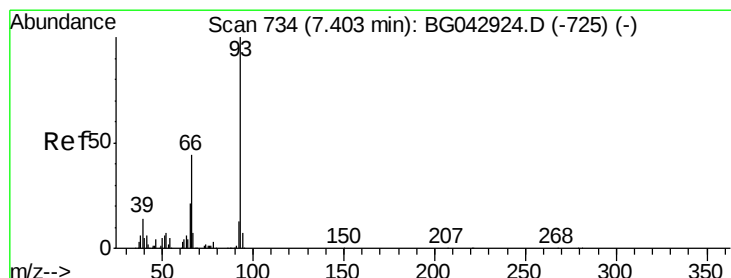
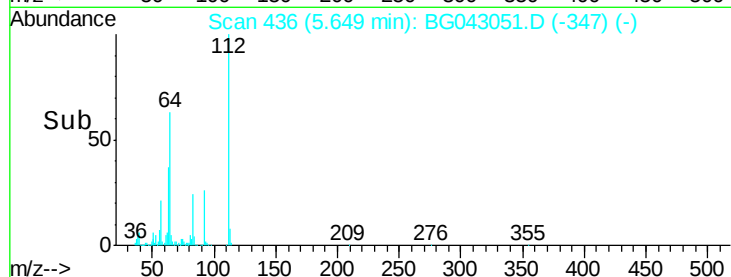
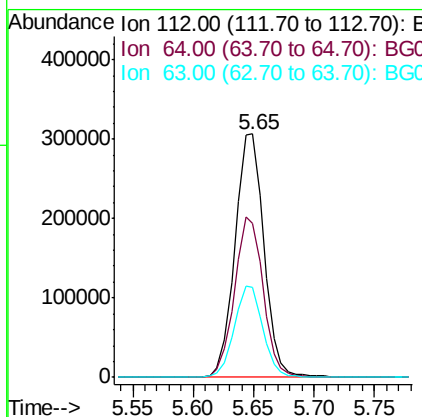
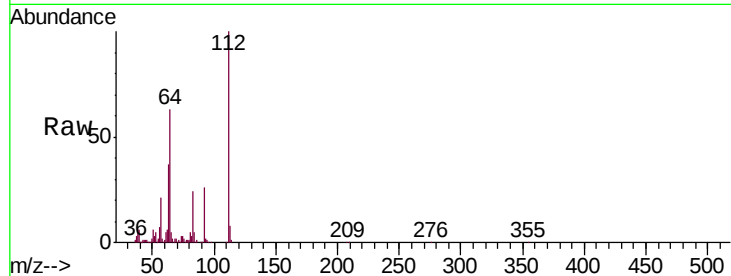
ClientSampleId :

PB123649BS

Tgt Ion:	112	Resp:	514241
Ion Ratio	Lower	Upper	
112	100		
64	63.1	56.6	84.8
63	36.9	35.1	52.7

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



#6

Aniline

Concen: 33.505 ng

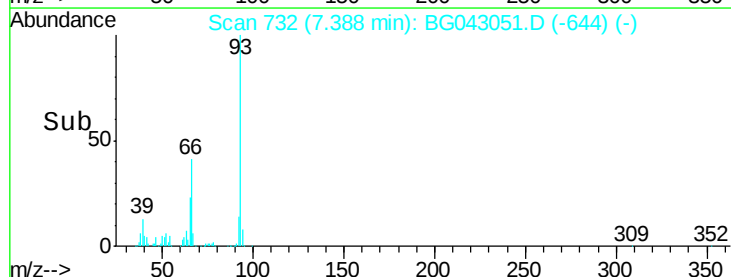
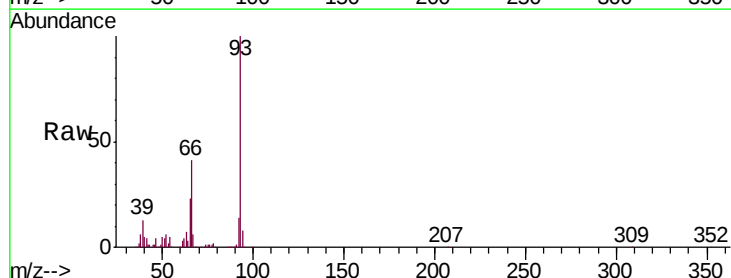
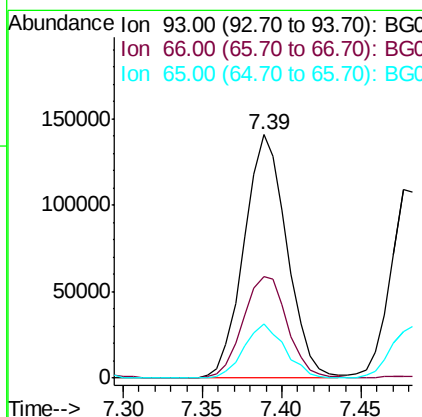
RT: 7.39 min Scan# 732

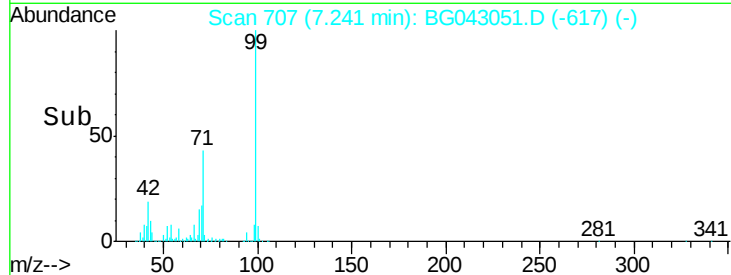
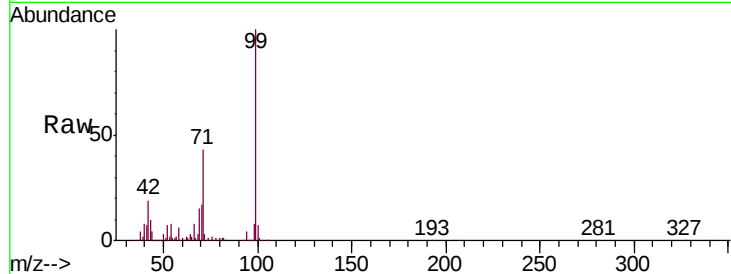
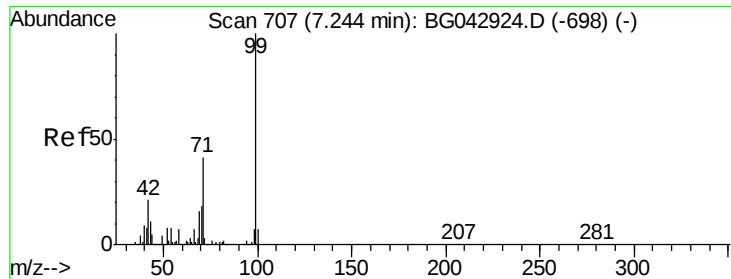
Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:	93	Resp:	264364
Ion Ratio	Lower	Upper	
93	100		
66	41.5	35.0	52.6
65	22.5	17.4	26.0





#7

Phenol-d6

Concen: 106.061 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	693262		
42	18.7	17.2	25.8	
71	42.8	33.1	49.7	

Instrument :

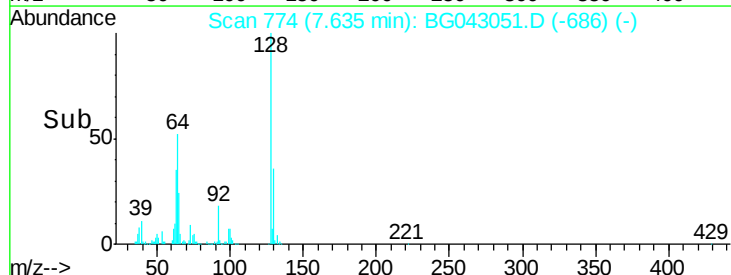
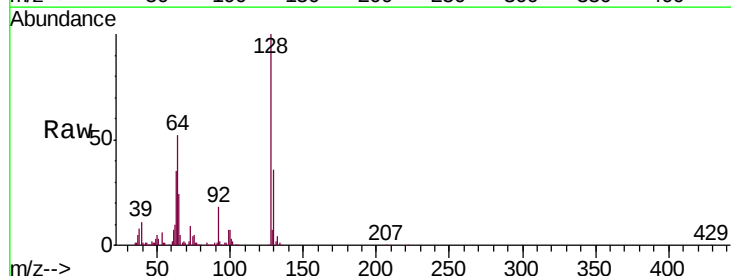
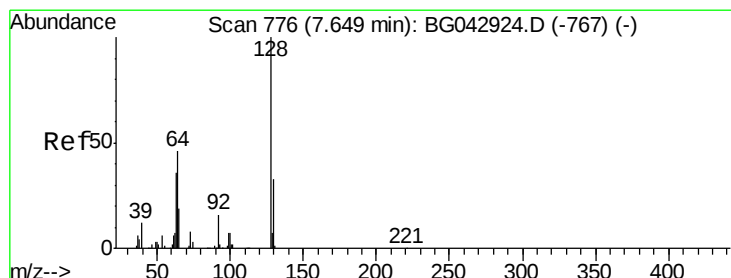
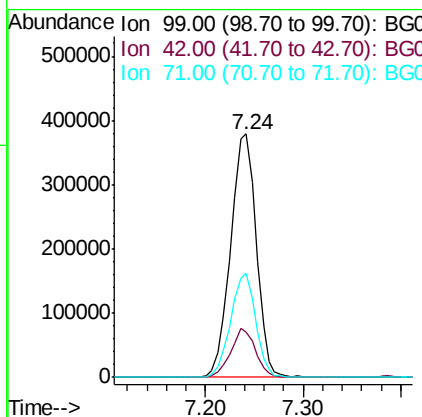
BNA_G

ClientSampleId :

PB123649BS

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



#8

2-Chlorophenol

Concen: 46.000 ng

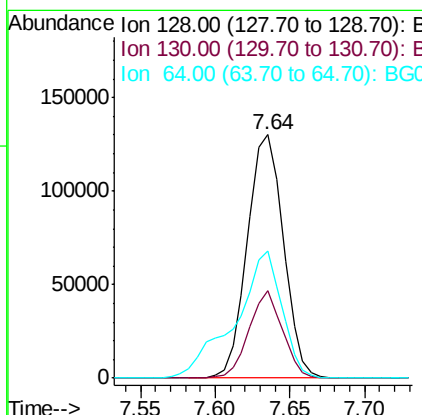
RT: 7.64 min Scan# 774

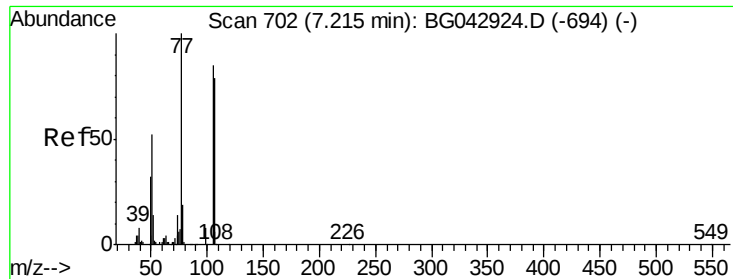
Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	217745		
130	36.1	12.5	52.5	
64	52.1	32.8	72.8	





#9

Benzaldehyde

Concen: 26.971 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

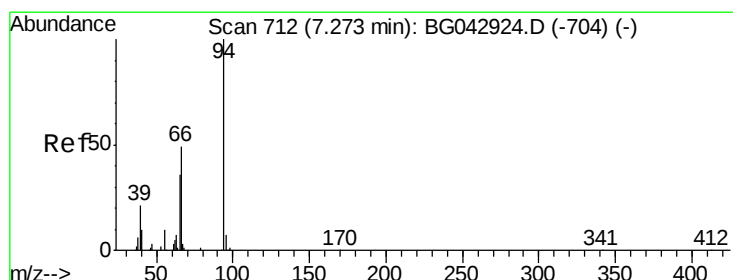
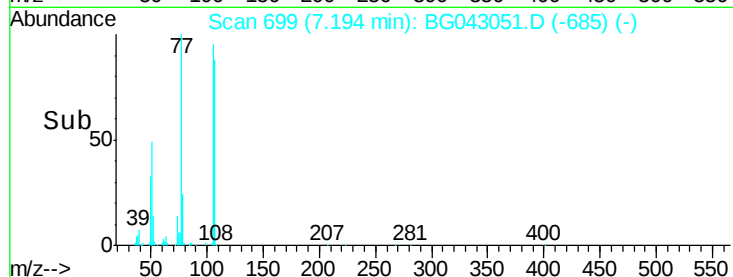
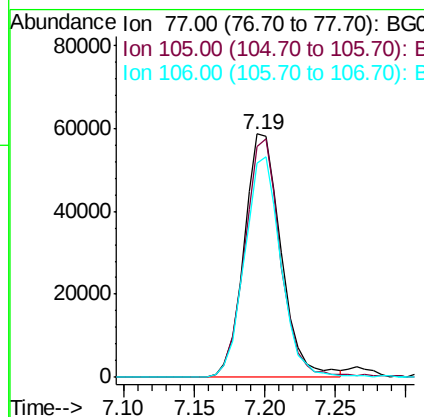
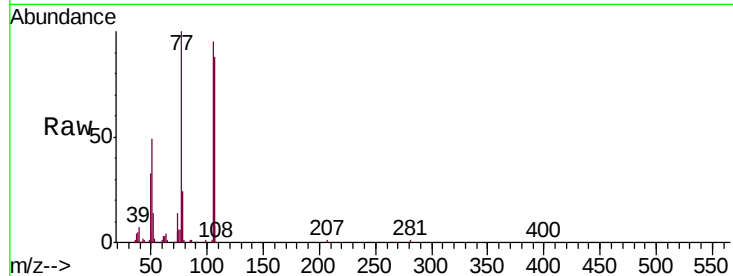
ClientSampleId :

PB123649BS

Tgt Ion:	77	Resp:	107729
Ion Ratio	Lower	Upper	
77	100		
105	94.6	64.6	104.6
106	88.2	59.4	99.4

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



#10

Phenol

Concen: 44.961 ng

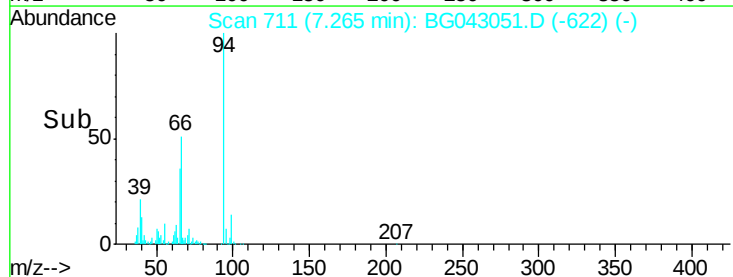
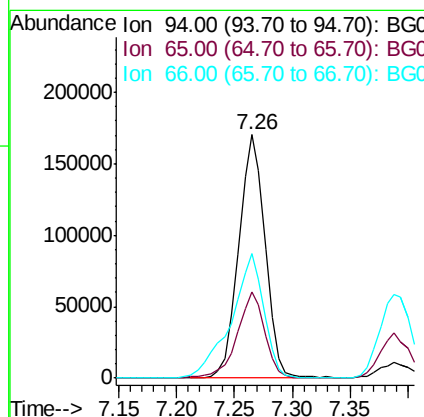
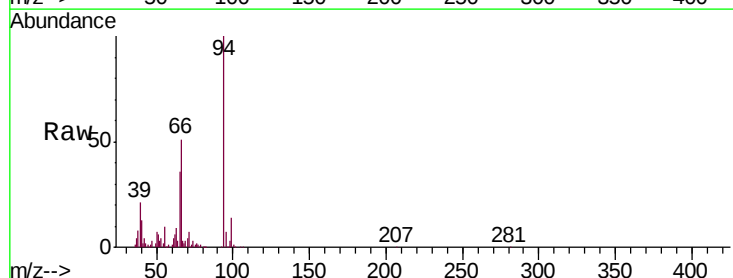
RT: 7.26 min Scan# 711

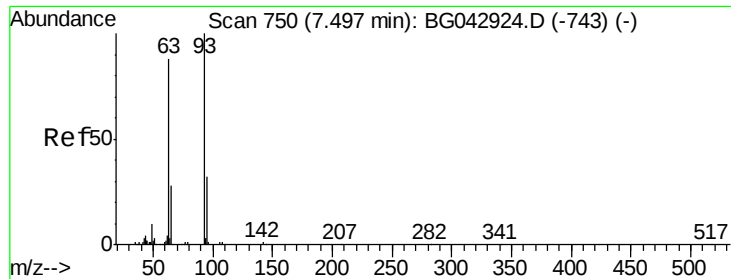
Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:	94	Resp:	269631
Ion Ratio	Lower	Upper	
94	100		
65	35.6	16.6	56.6
66	51.0	32.4	72.4





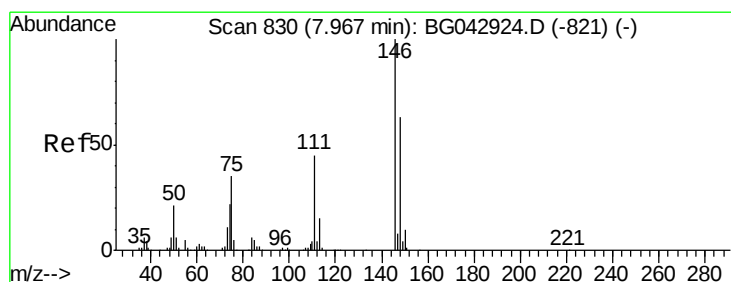
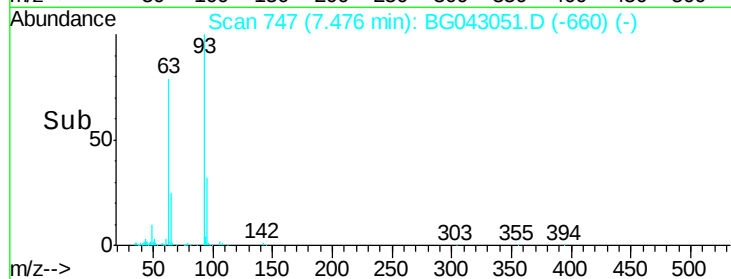
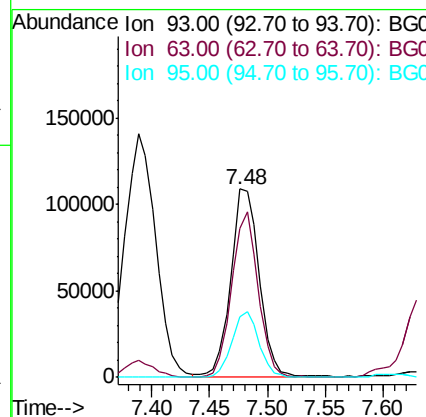
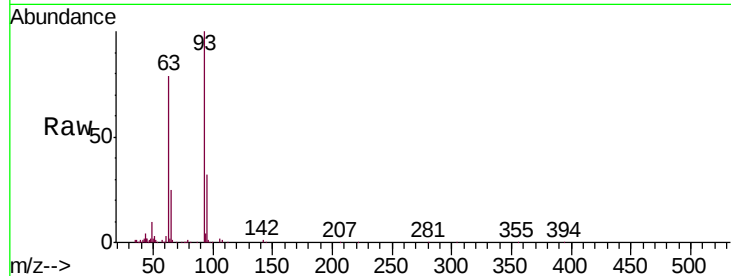
#11
bis(2-Chloroethyl)ether
Concen: 40.584 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	188310		
63	79.1	67.4	107.4	
95	31.9	11.9	51.9	

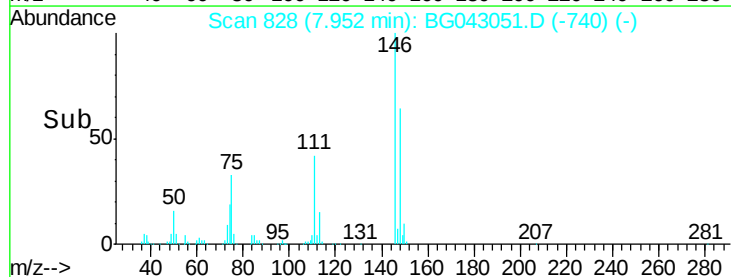
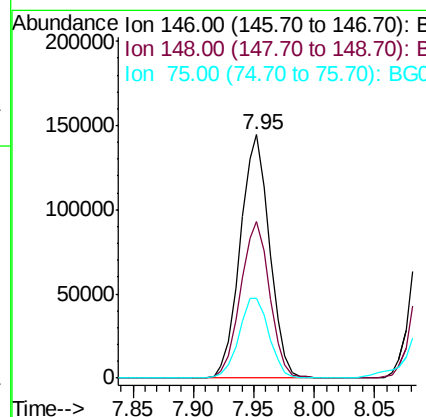
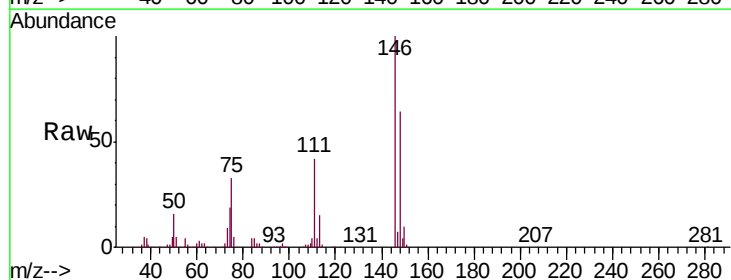
Manual Integrations
APPROVED

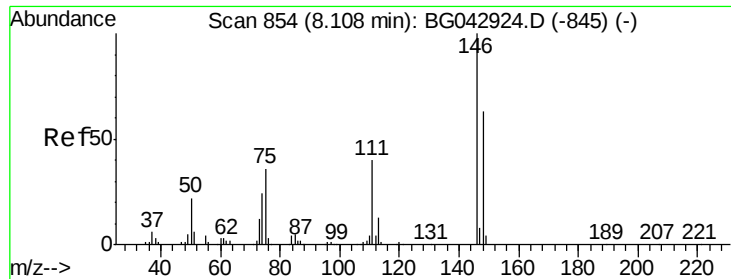
mohammad
10/7/2019 4:39:00 PM



#12
1,3-Dichlorobenzene
Concen: 40.483 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	244457		
148	64.1	50.7	76.1	
75	32.9	27.7	41.5	





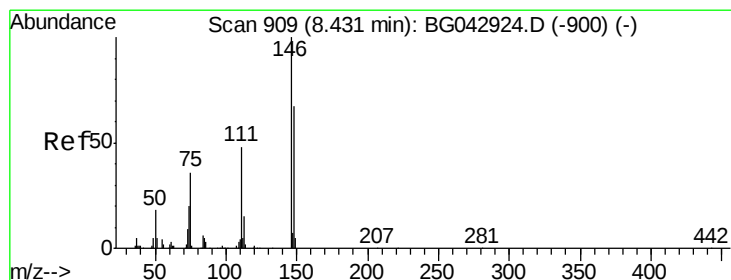
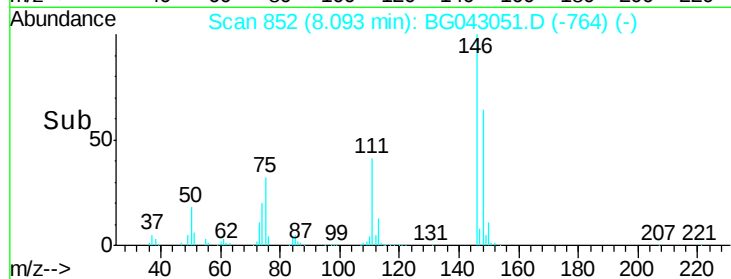
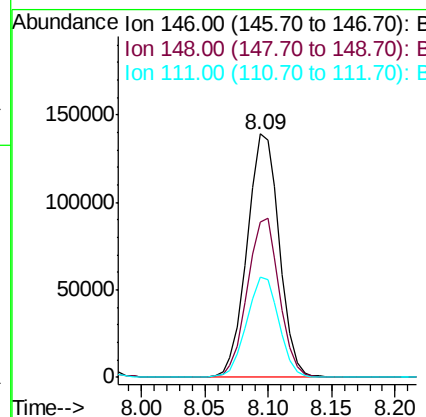
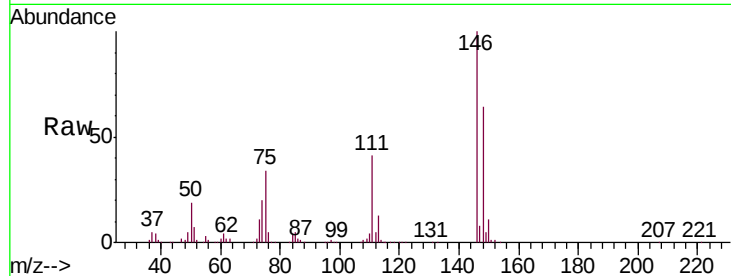
#13
 1,4-Dichlorobenzene
 Concen: 40.901 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
111	41.2	31.8	47.8

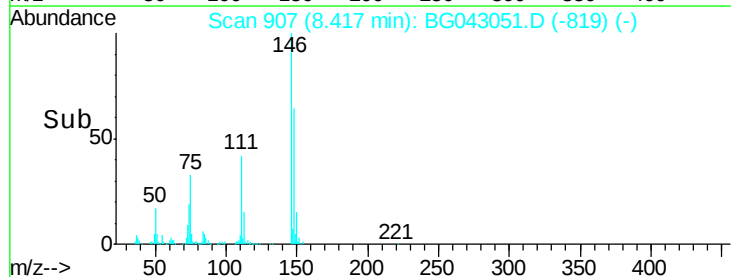
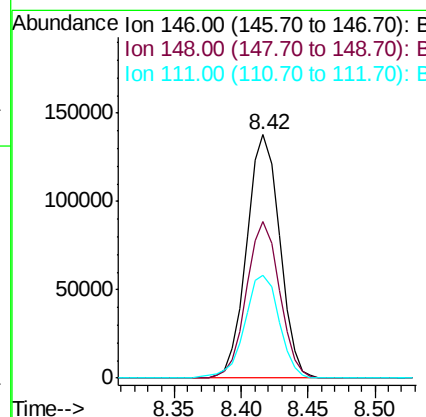
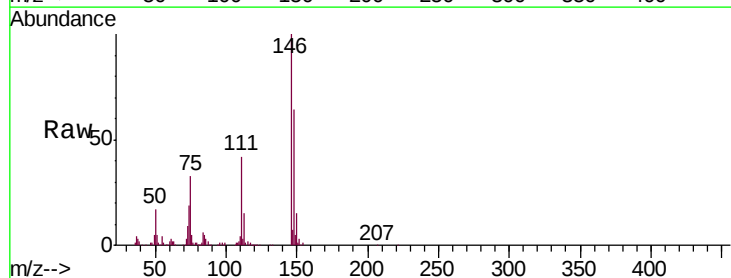
Manual Integrations
 APPROVED

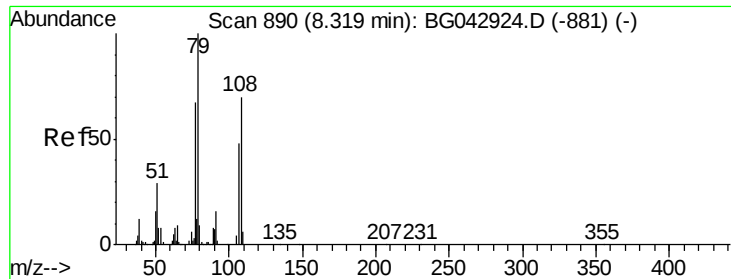
mohammad
 10/7/2019 4:39:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.993 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.4	80.2
111	42.0	38.5	57.7





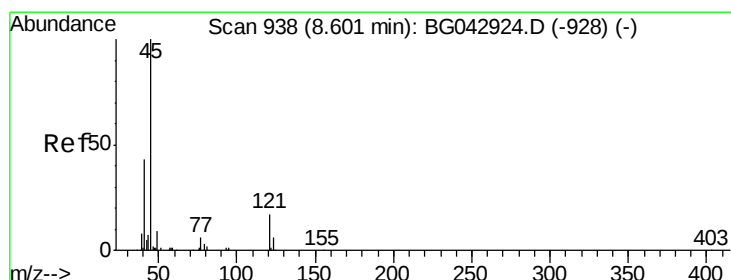
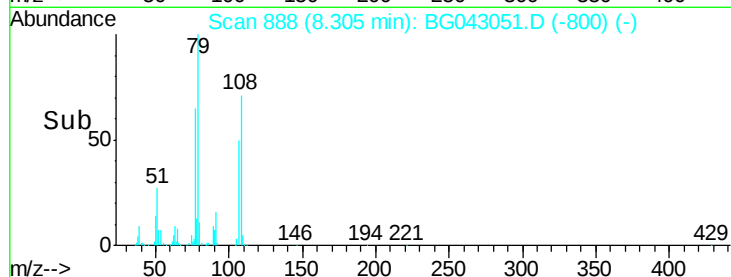
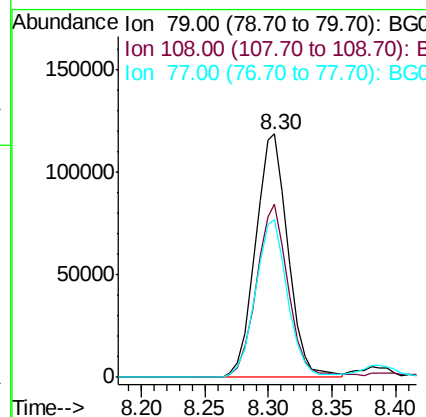
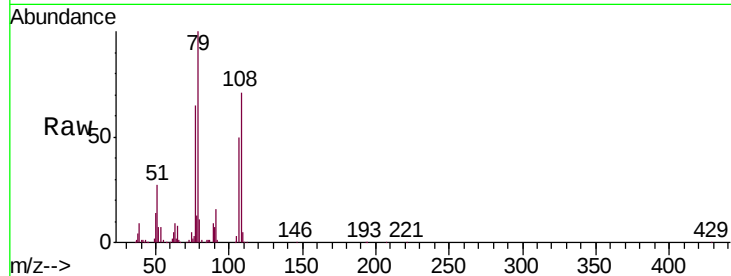
#15
Benzyl Alcohol
Concen: 43.041 ng
RT: 8.30 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	71.2	55.7	83.5
77	64.9	53.3	79.9

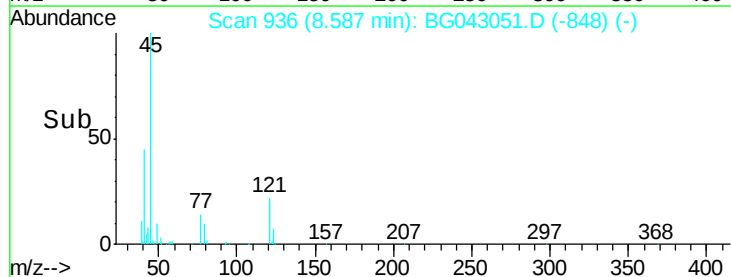
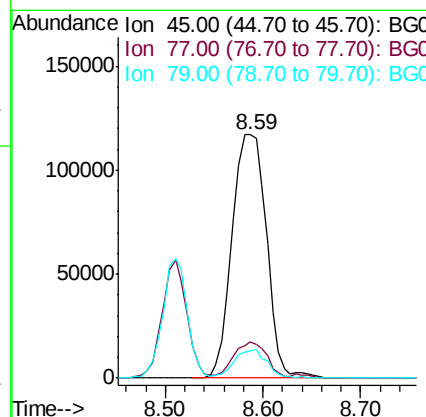
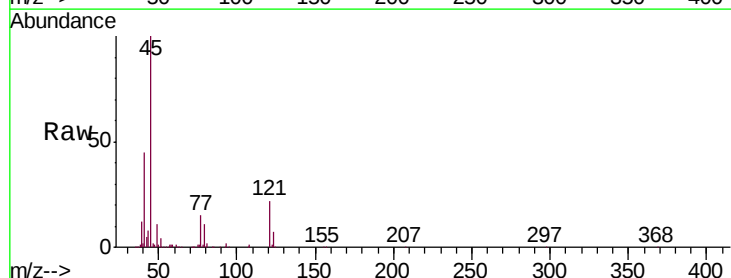
Manual Integrations
APPROVED

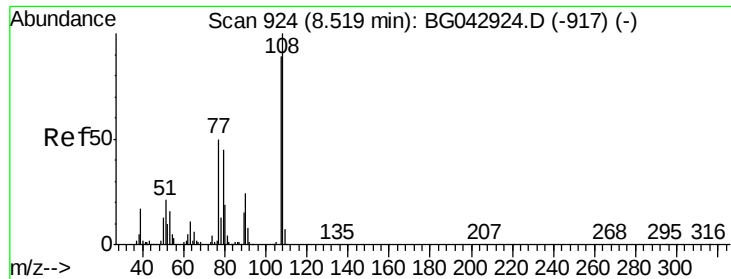
mohammad
10/7/2019 4:39:00 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.209 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	32.8
79	11.1	0.0	29.4





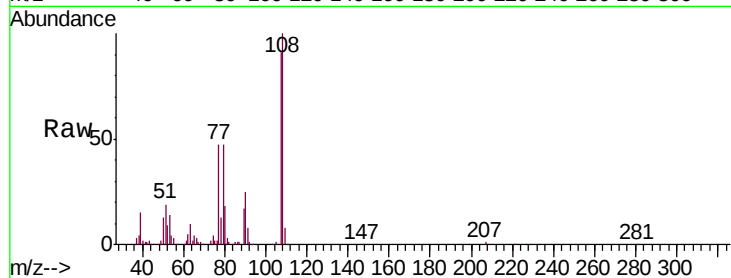
#17
2-Methylphenol
Concen: 44.745 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

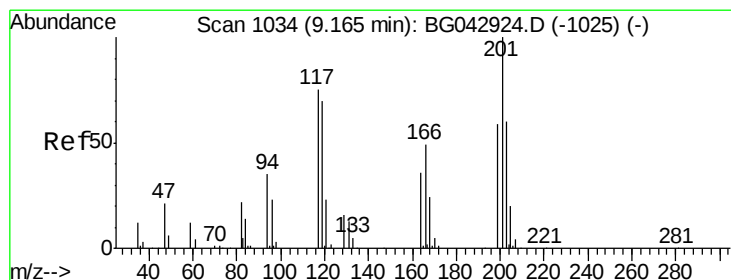
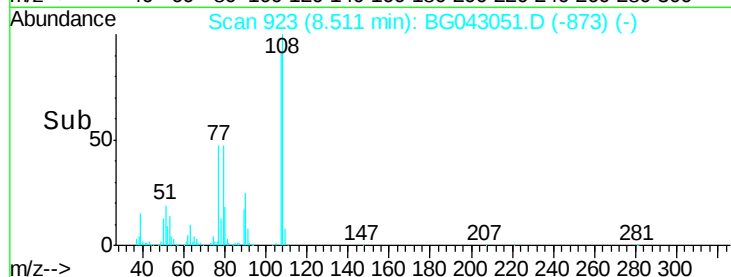
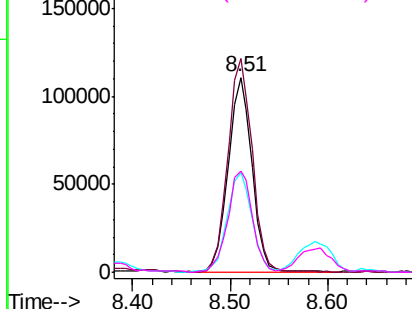
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	187755		
108	109.7	89.9	134.9	
77	51.4	45.4	68.2	
79	51.9	41.4	62.0	

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM

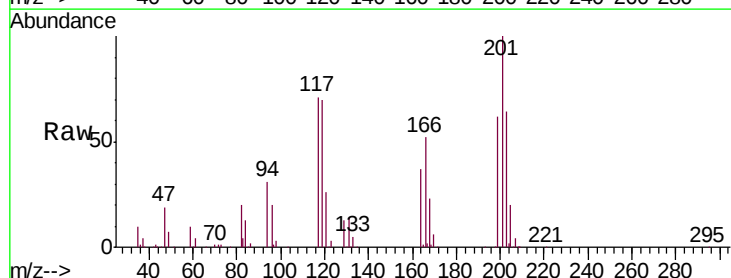


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

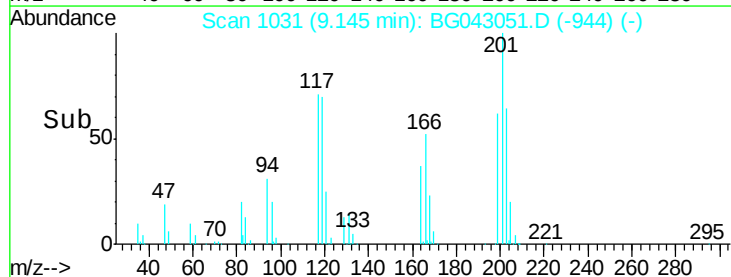
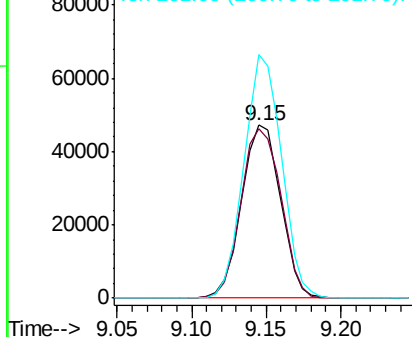


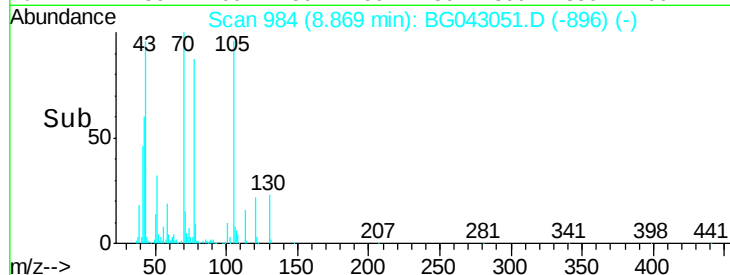
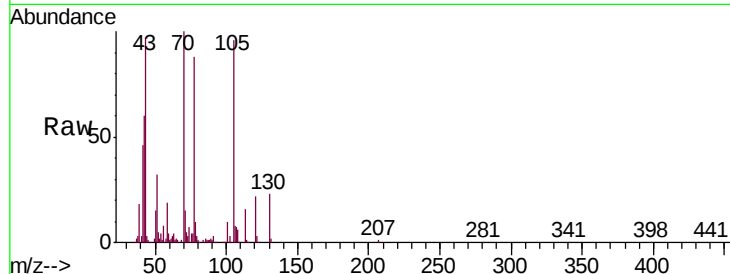
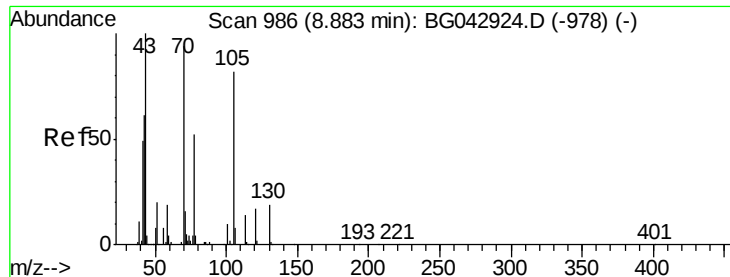
#18
Hexachloroethane
Concen: 37.784 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	85661		
119	98.2	74.6	111.8	
201	140.8	106.0	159.0	



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





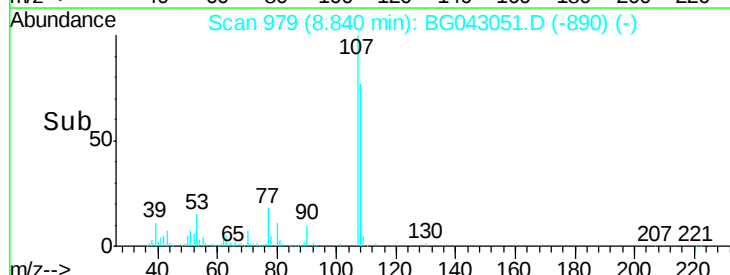
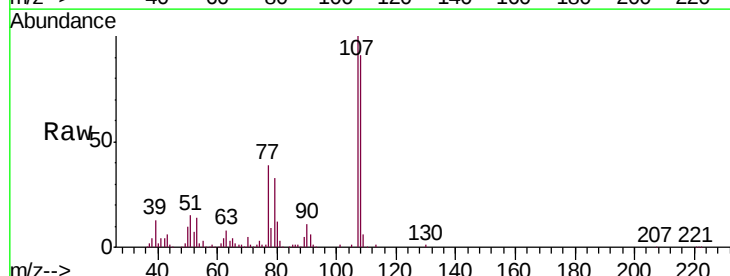
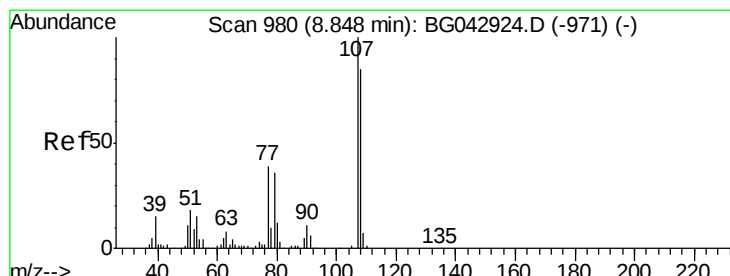
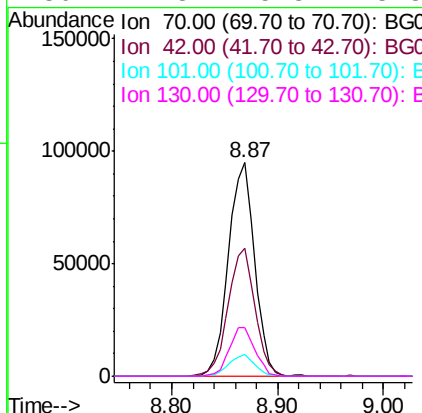
#19
n-Nitroso-di-n-propylamine
Concen: 37.680 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.7	52.6	79.0
101	10.3	8.7	13.1
130	22.8	15.8	23.8

Instrument :
BNA_G
ClientSampleId :
PB123649BS

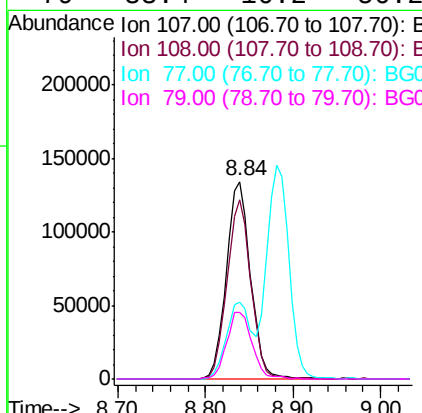
Manual Integrations
APPROVED

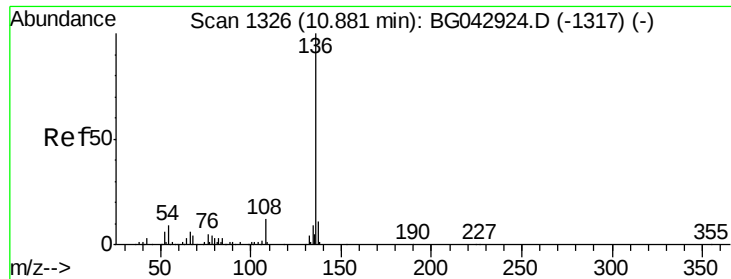
mohammad
10/7/2019 4:39:00 PM



#20
3+4-Methylphenols
Concen: 44.166 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	64.9	104.9
77	38.7	19.4	59.4
79	33.4	16.2	56.2





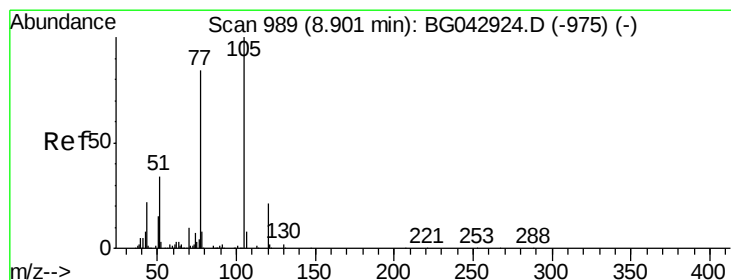
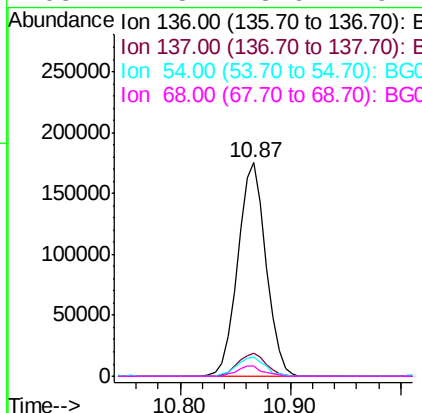
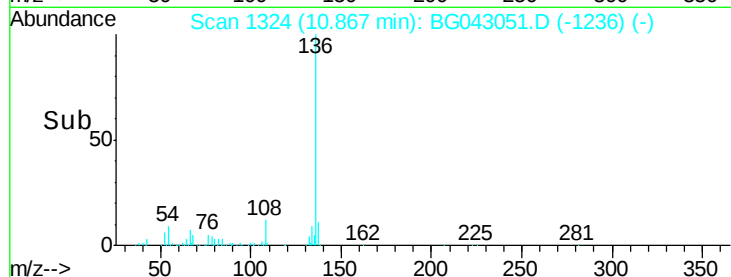
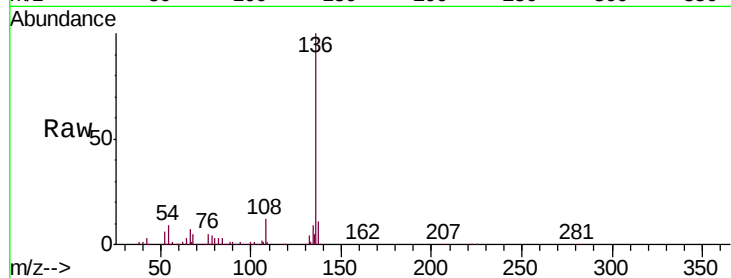
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	312725		
137	10.6	8.5	12.7	
54	9.0	7.4	11.2	
68	4.8	3.6	5.4	

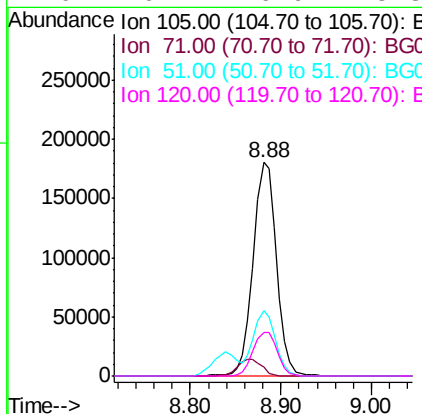
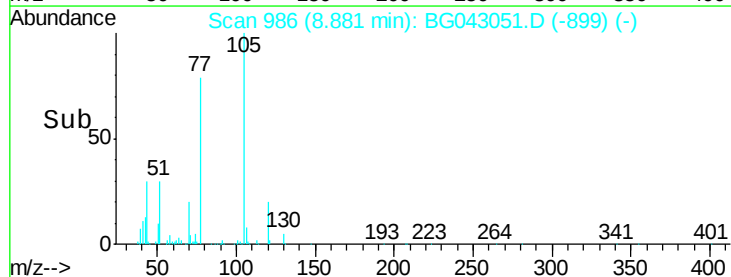
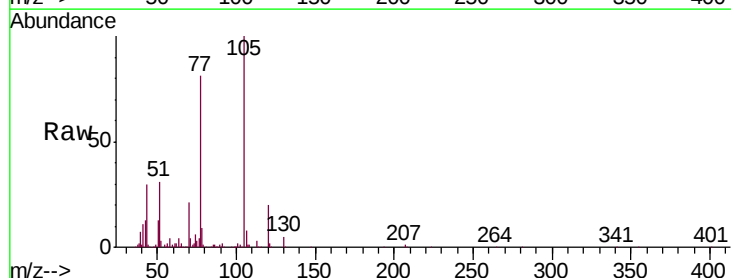
Manual Integrations
APPROVED

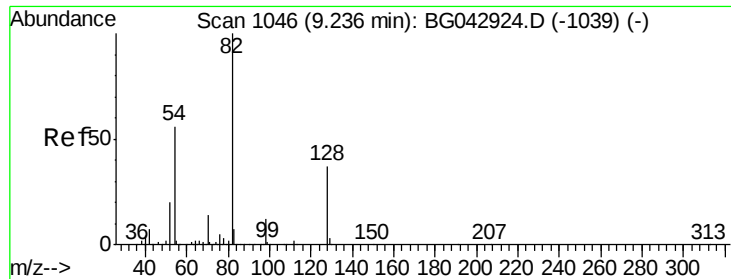
mohammad
10/7/2019 4:39:00 PM



#22
Acetophenone
Concen: 40.121 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	323421		
71	4.0	1.2	1.8#	
51	30.5	27.2	40.8	
120	20.1	16.9	25.3	





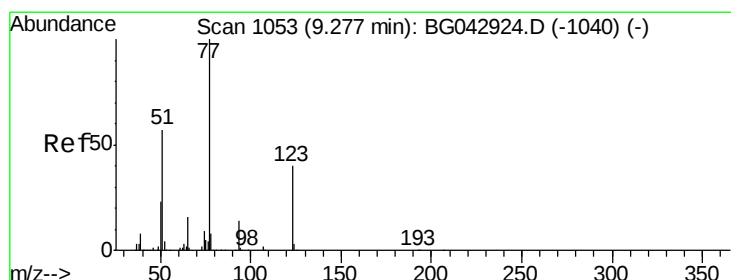
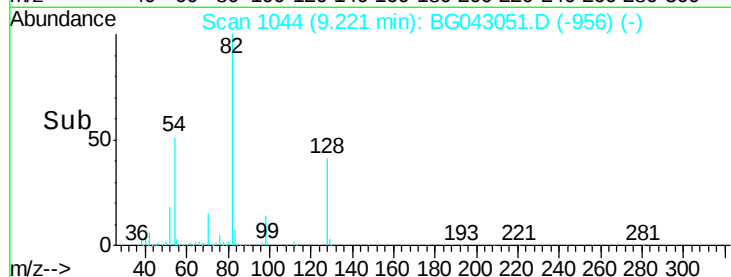
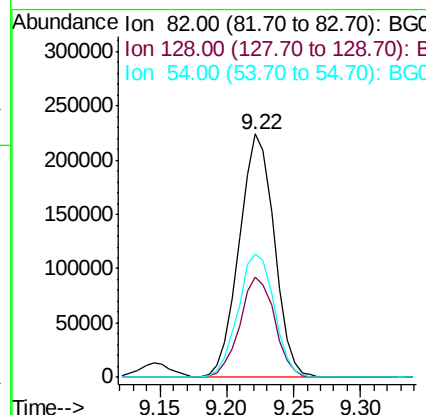
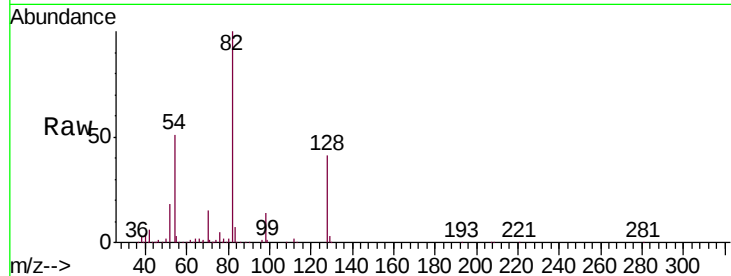
#23
 Nitrobenzene-d5
 Concen: 63.432 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	408121		
128	40.9	29.5	44.3	
54	50.7	44.6	67.0	

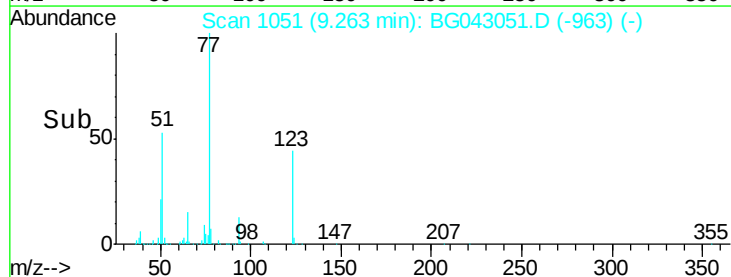
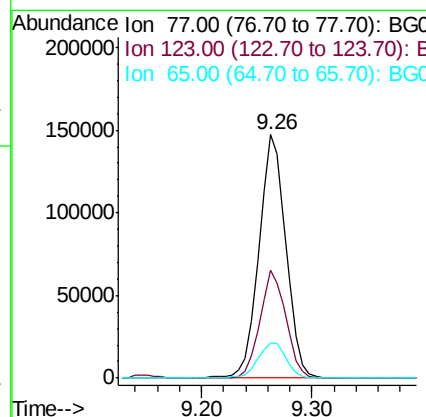
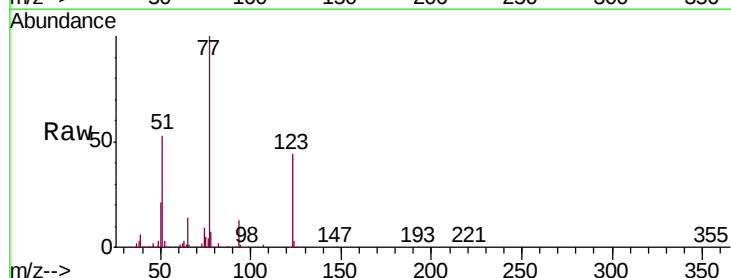
Manual Integrations
 APPROVED

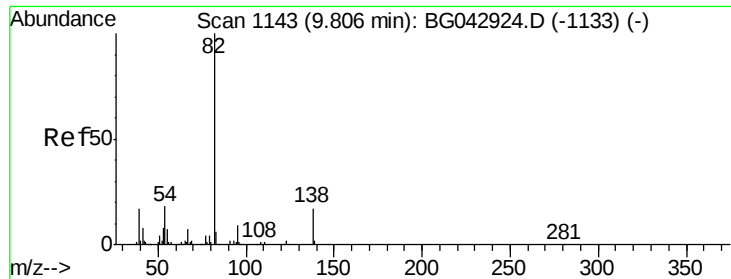
mohammad
 10/7/2019 4:39:00 PM



#24
 Nitrobenzene
 Concen: 41.084 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	252133		
123	44.2	31.9	47.9	
65	14.5	12.4	18.6	





#25

Isophorone

Concen: 40.483 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

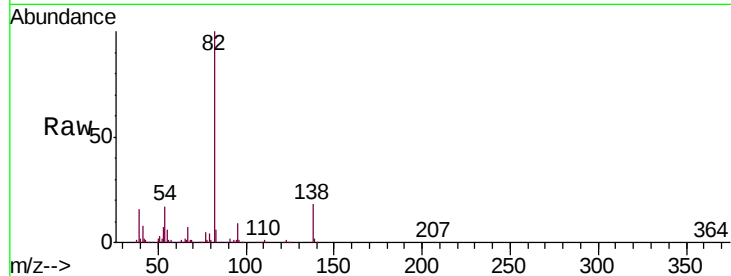
ClientSampleId :

PB123649BS

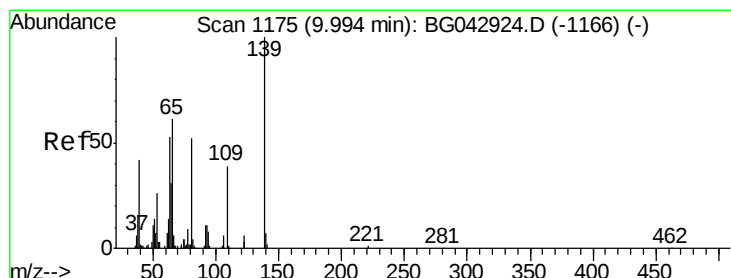
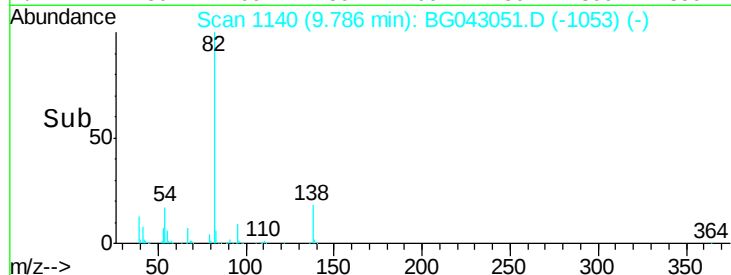
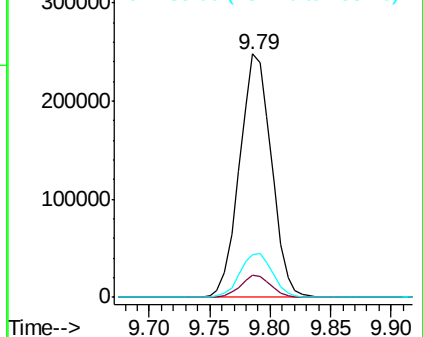
Tgt Ion:	82	Resp:	457524
Ion Ratio	Lower	Upper	
82	100		
95	8.9	7.0	10.4
138	17.8	13.8	20.6

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 47.904 ng

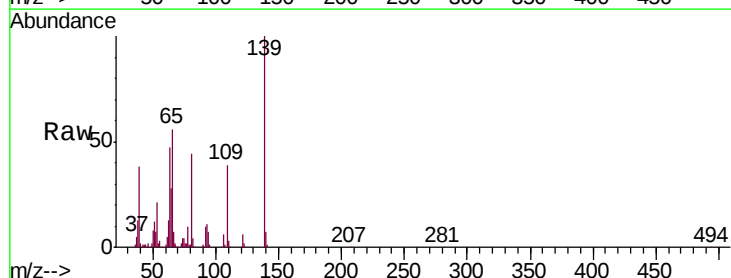
RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

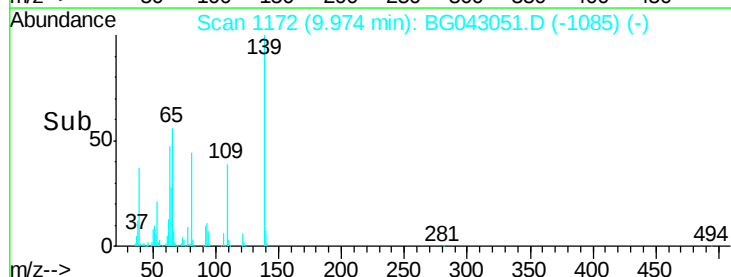
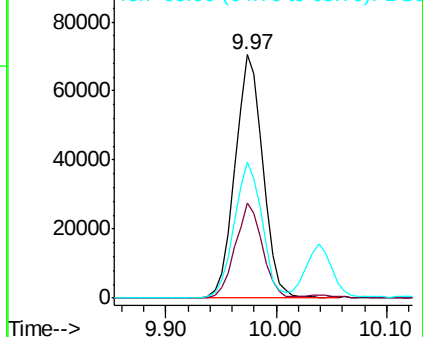
Lab File: BG043051.D

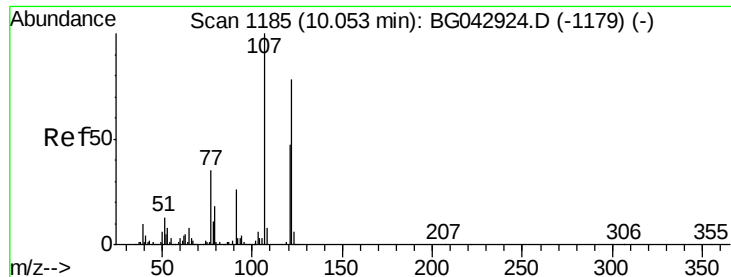
Acq: 5 Oct 2019 12:21

Tgt Ion:	139	Resp:	125152
Ion Ratio	Lower	Upper	
139	100		
109	38.8	31.0	46.6
65	55.8	48.4	72.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





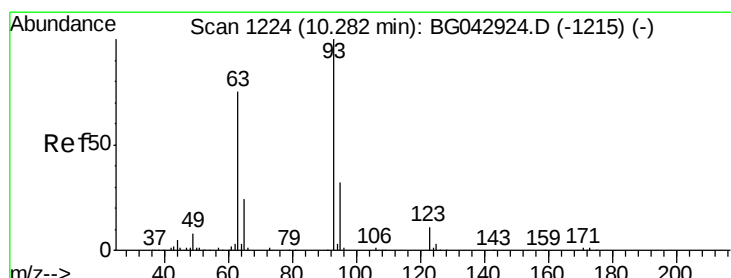
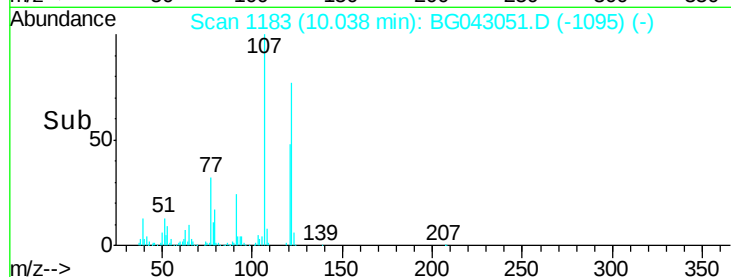
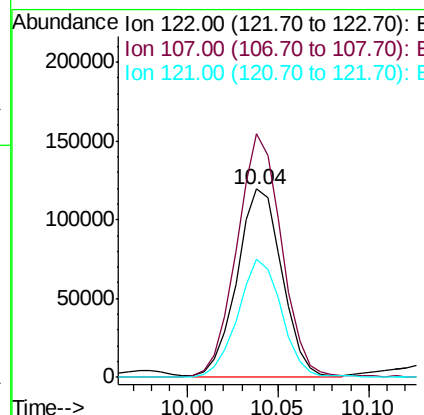
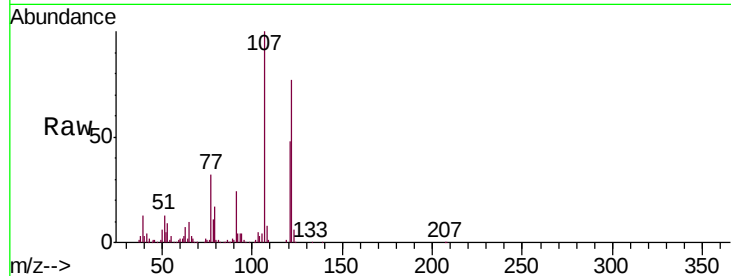
#27
 2,4-Dimethylphenol
 Concen: 51.493 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	206598		
107	129.1	102.2	153.2	
121	62.6	48.5	72.7	

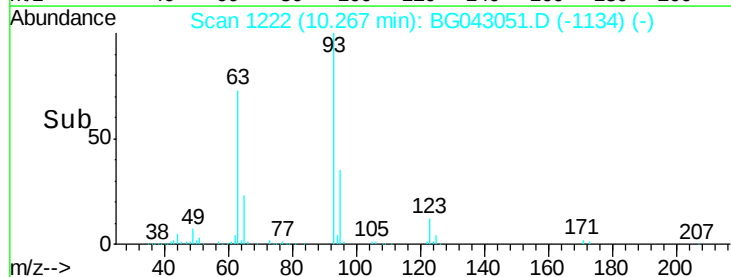
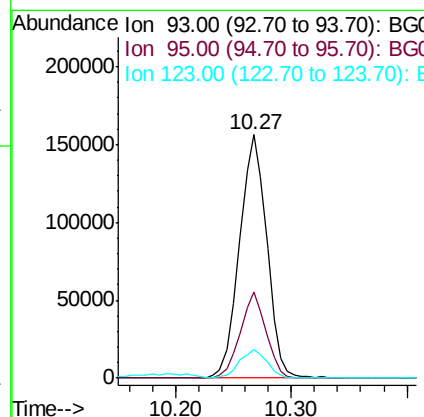
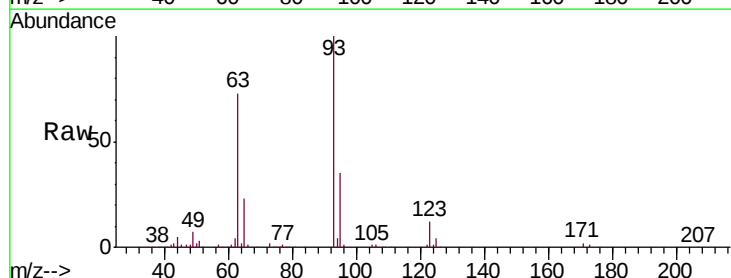
Manual Integrations
 APPROVED

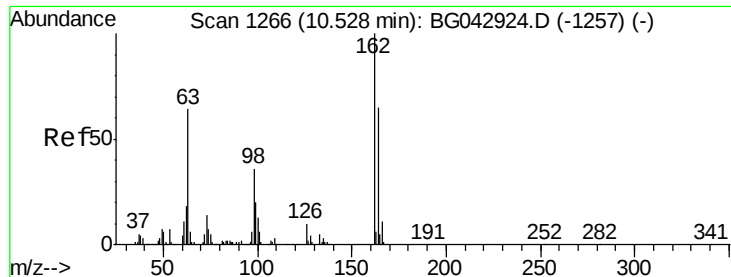
mohammad
 10/7/2019 4:39:00 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.685 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	254465		
95	35.4	25.4	38.0	
123	11.8	9.3	13.9	





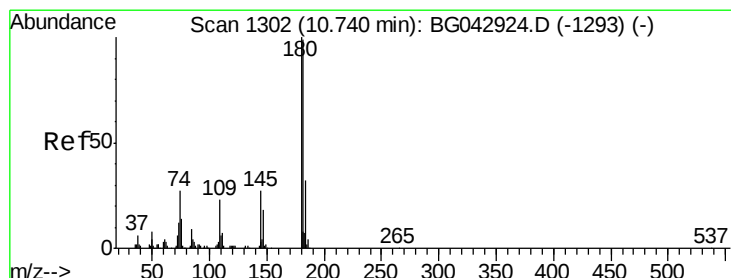
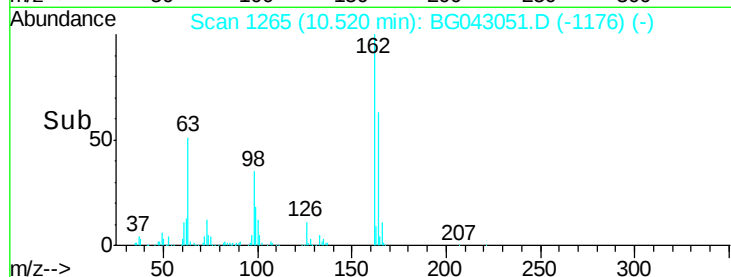
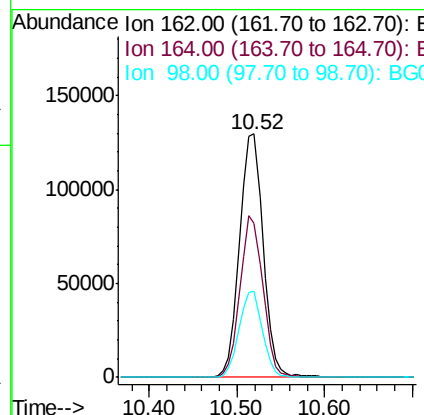
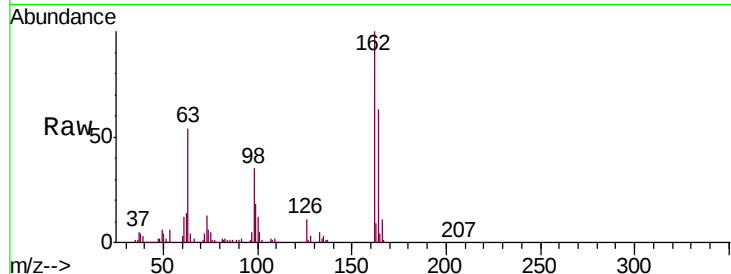
#29
 2,4-Dichlorophenol
 Concen: 47.367 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	236354		
164	63.1	44.7	84.7	
98	35.3	16.0	56.0	

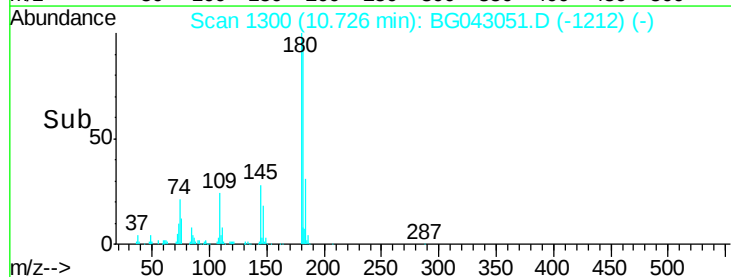
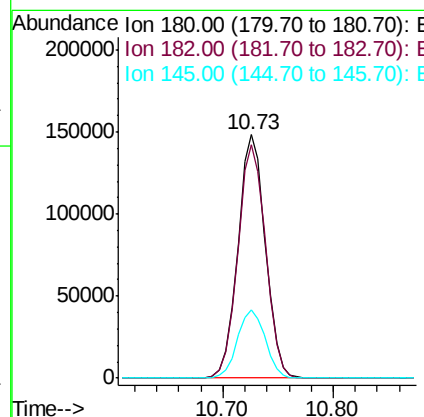
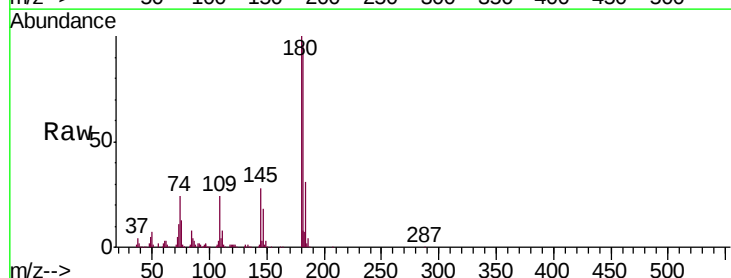
Manual Integrations
 APPROVED

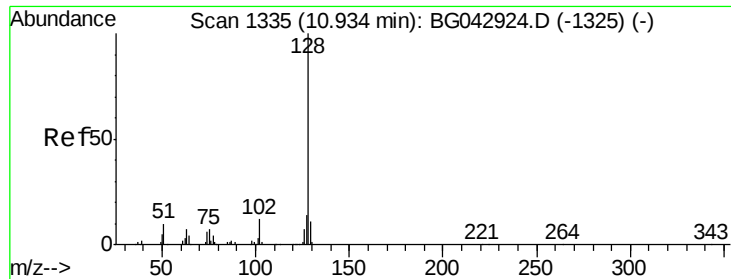
mohammad
 10/7/2019 4:39:00 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.106 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	258431		
182	95.7	79.3	118.9	
145	28.1	22.0	33.0	





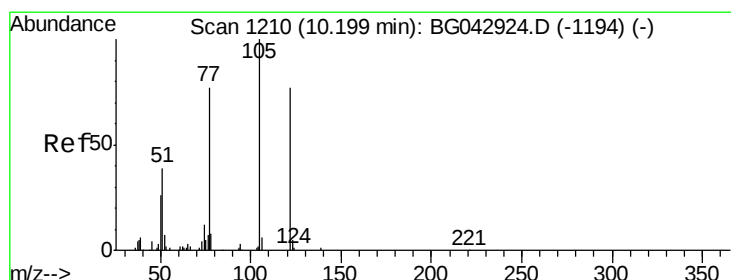
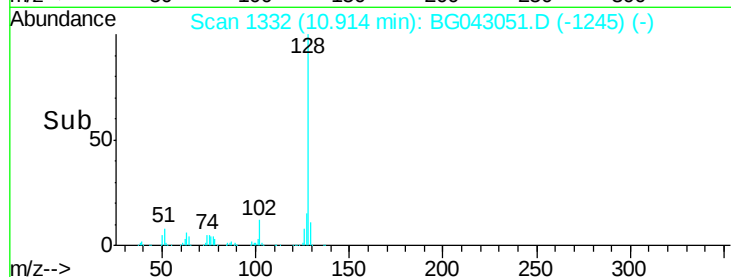
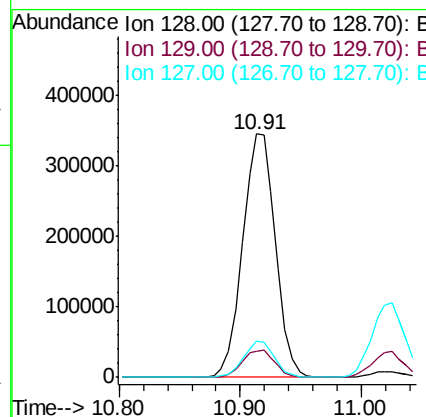
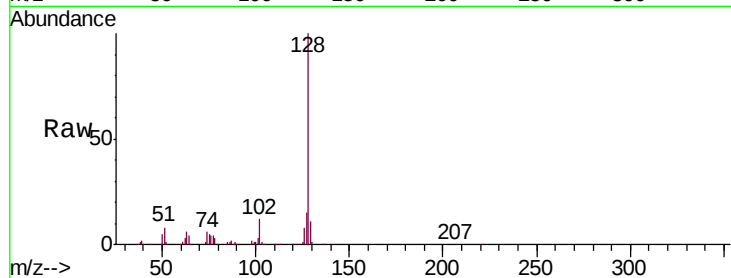
#31
Naphthalene
Concen: 42.208 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	649767		
129	10.8		8.8	13.2
127	14.7		11.3	16.9

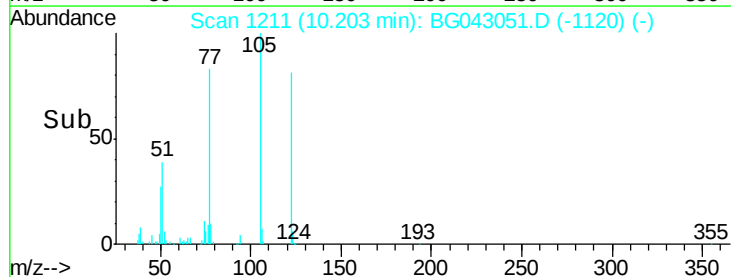
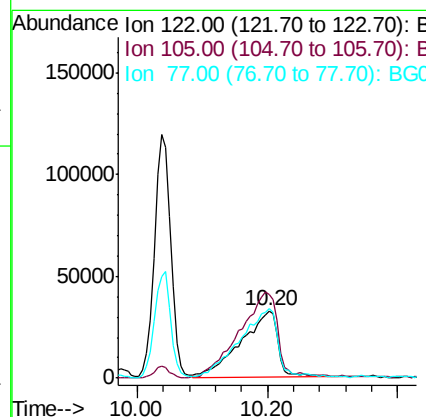
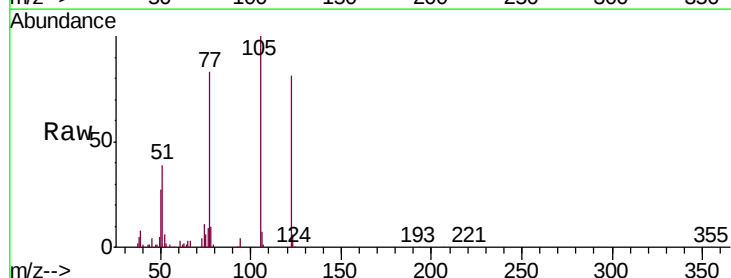
Manual Integrations
APPROVED

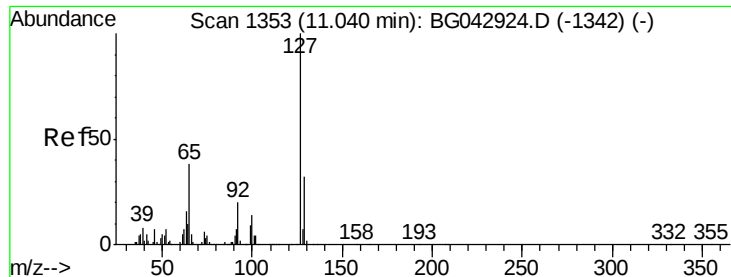
mohammad
10/7/2019 4:39:00 PM



#32
Benzoic acid
Concen: 42.433 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	129180		
105	124.0		107.5	147.5
77	102.9		79.8	119.8





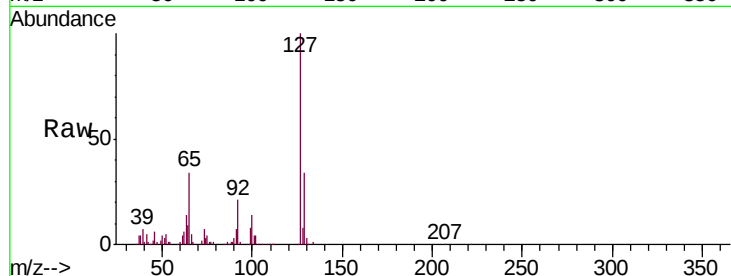
#33
4-Chloroaniline
Concen: 30.717 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	205189		
129	34.5	26.2	39.2	
65	33.6	30.6	45.8	
92	20.5	16.2	24.4	

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



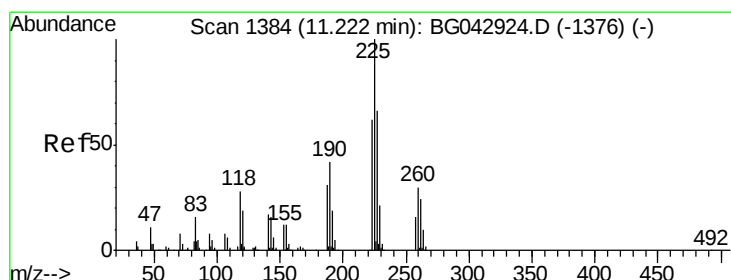
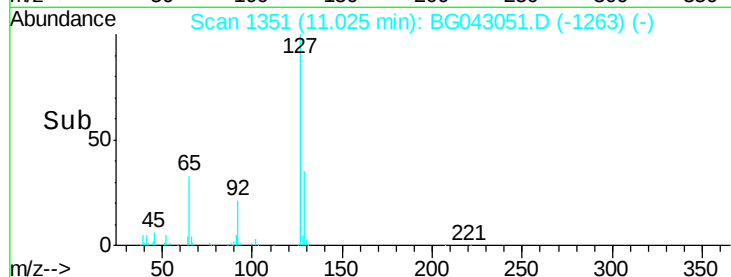
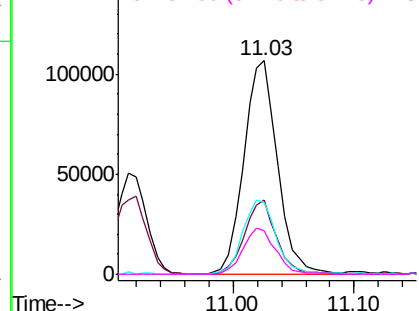
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

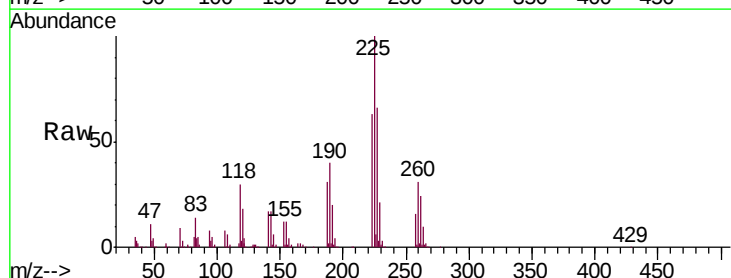
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.678 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	186613		
223	62.8	49.3	73.9	
227	65.7	52.8	79.2	

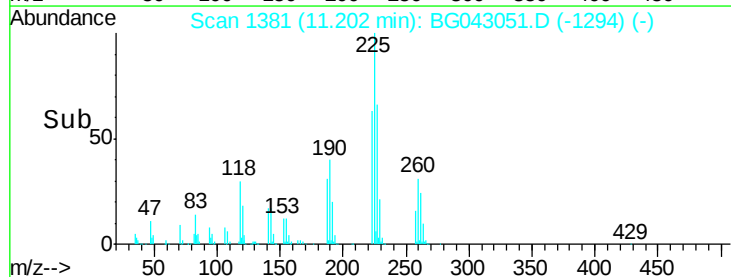
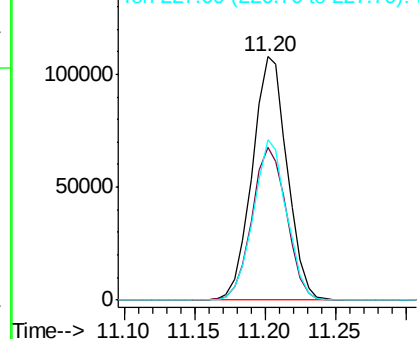


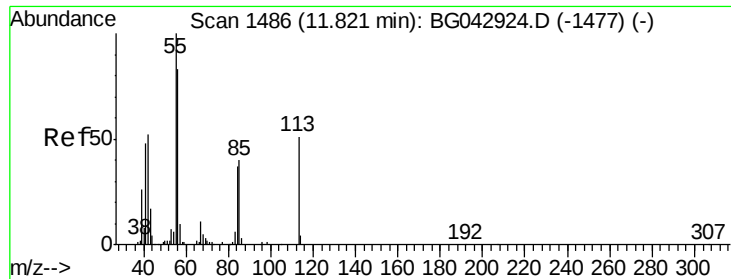
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.643 ng m

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

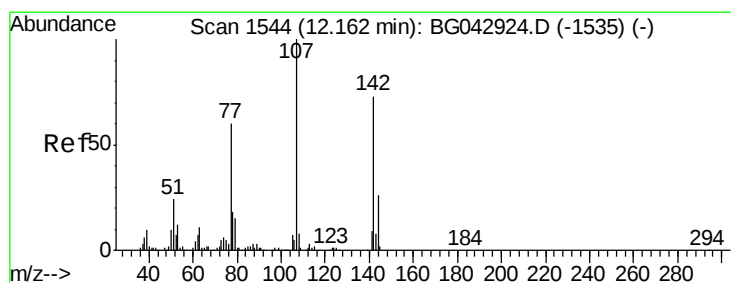
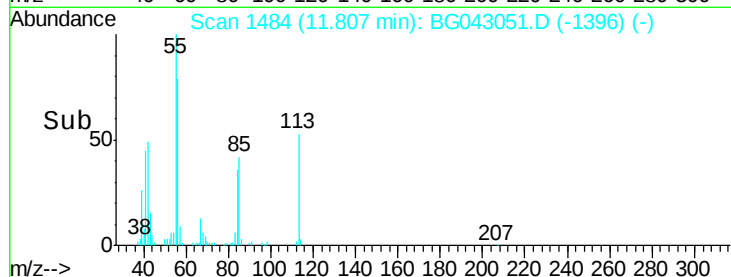
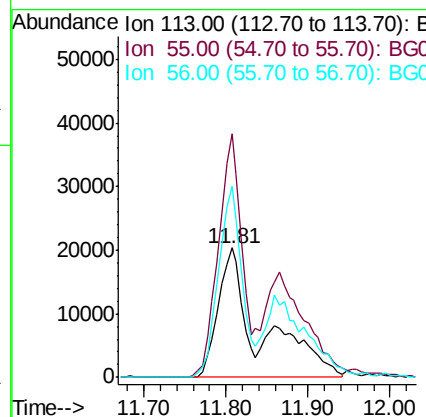
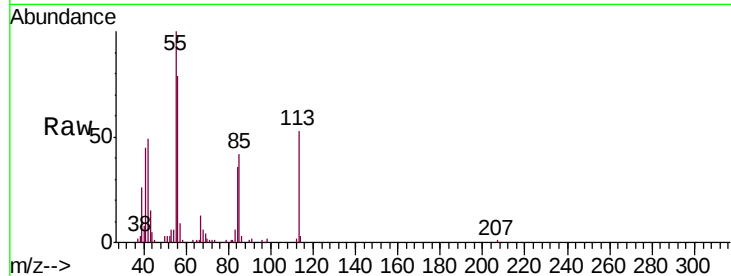
ClientSampled :

PB123649BS

Tgt Ion:	113	Resp:	71519
Ion	Ratio	Lower	Upper
113	100		
55	187.9	175.5	215.5
56	147.9	142.3	182.3

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



#36

4-Chloro-3-methylphenol

Concen: 46.291 ng

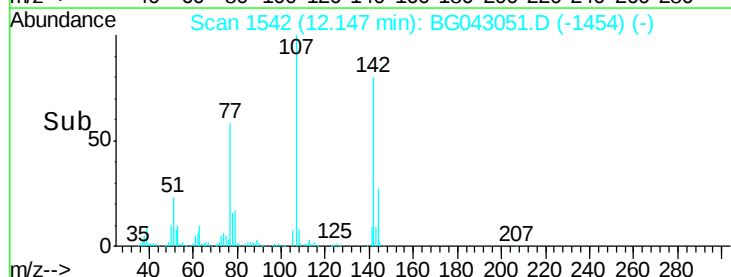
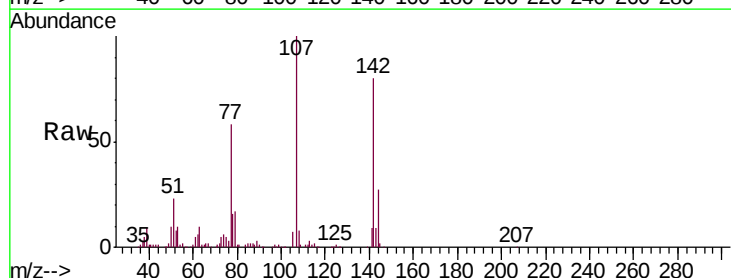
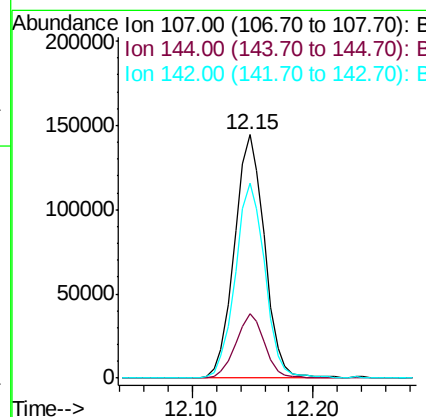
RT: 12.15 min Scan# 1542

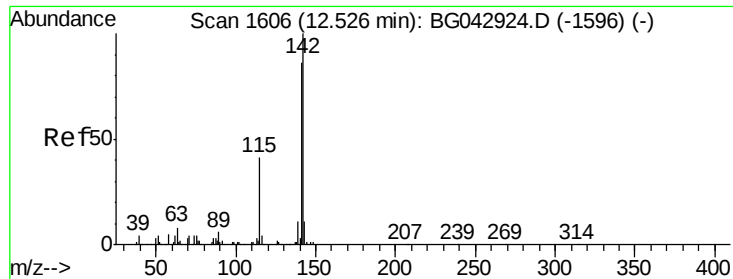
Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:	107	Resp:	251150
Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.7	31.1
142	79.9	58.6	87.8





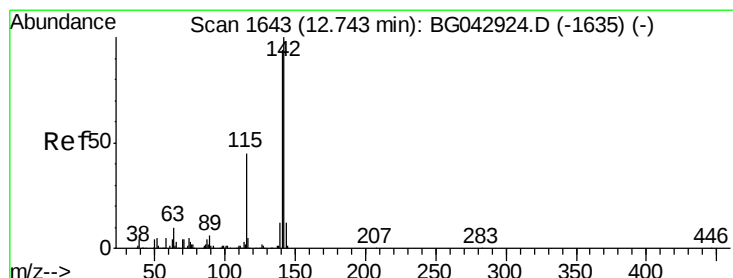
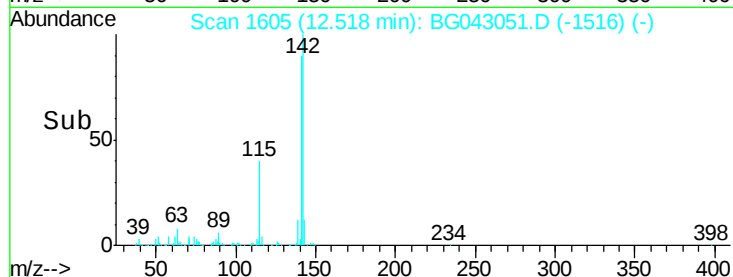
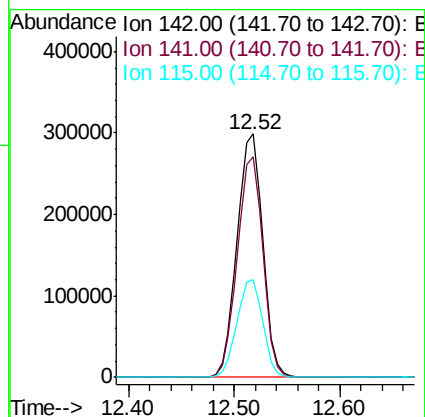
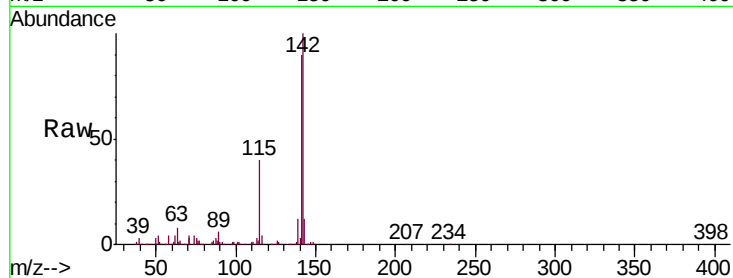
#37
 2-Methylnaphthalene
 Concen: 42.723 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	69.0	103.4
115	40.1	32.8	49.2

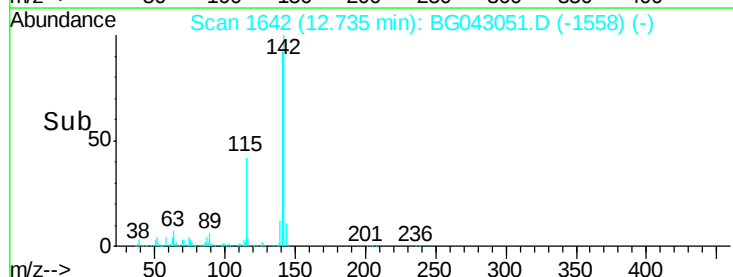
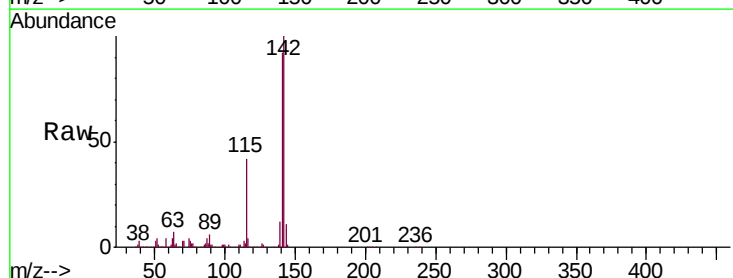
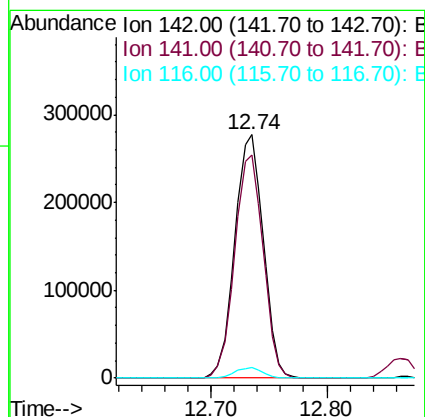
Manual Integrations
 APPROVED

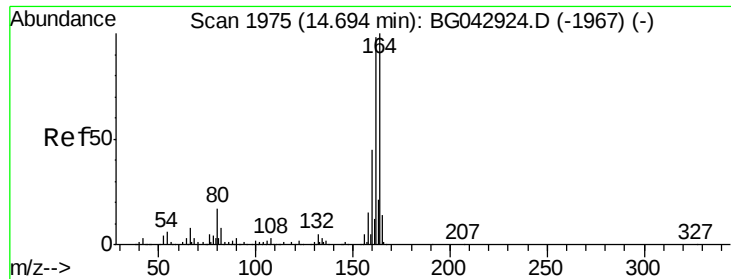
mohammad
 10/7/2019 4:39:00 PM



#38
 1-Methylnaphthalene
 Concen: 42.589 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.9	112.3
116	4.3	3.7	5.5





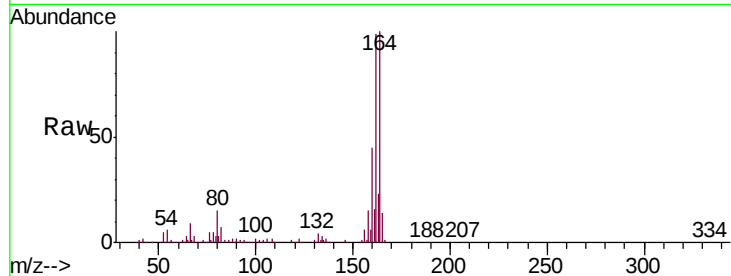
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	223261		
162	99.1	78.5	117.7	
160	44.9	35.9	53.9	

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM

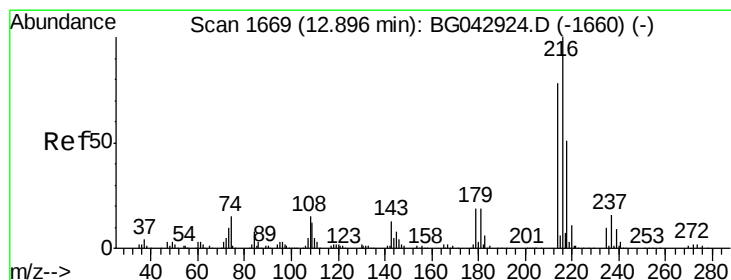
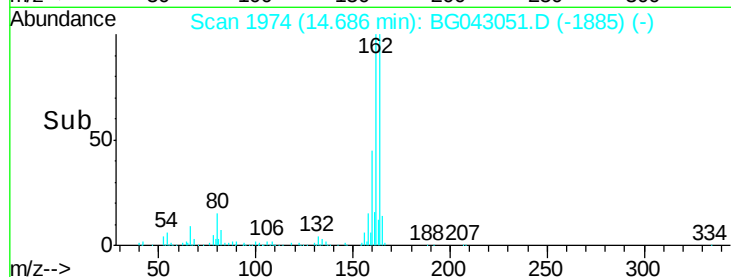
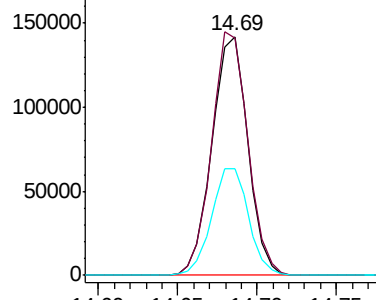


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.466 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	331296		
214	78.3	62.4	93.6	
179	19.1	15.4	23.2	
108	16.1	12.6	19.0	

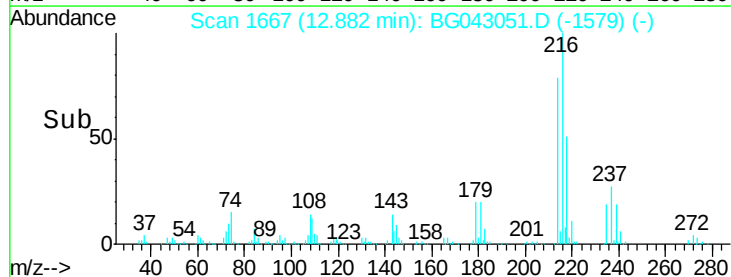
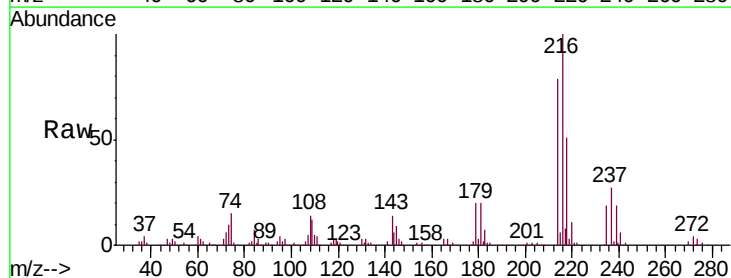
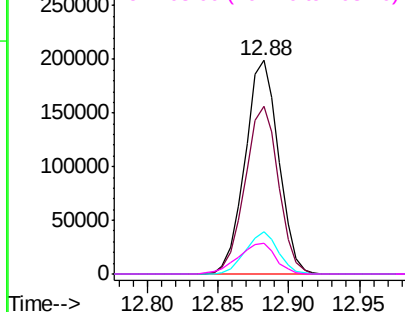
Abundance

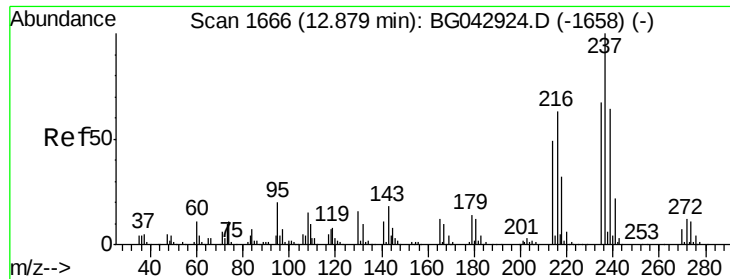
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 69.942 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

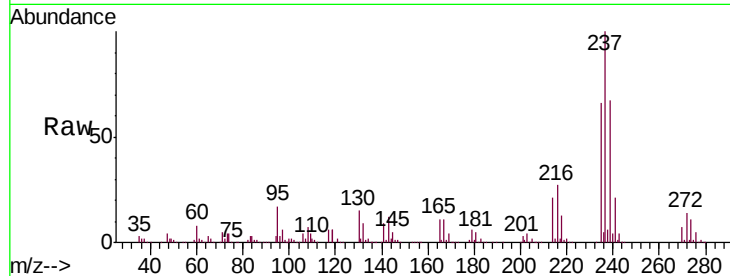
ClientSampleId :

PB123649BS

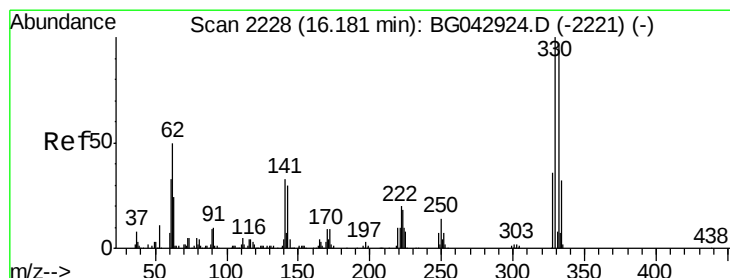
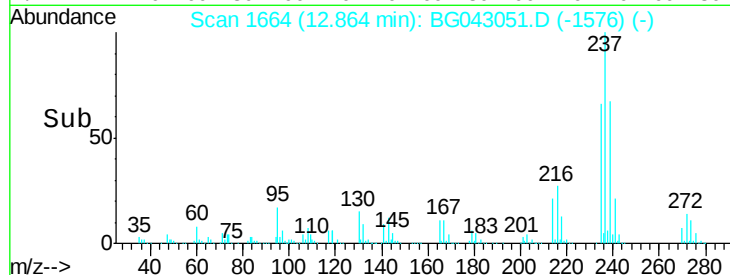
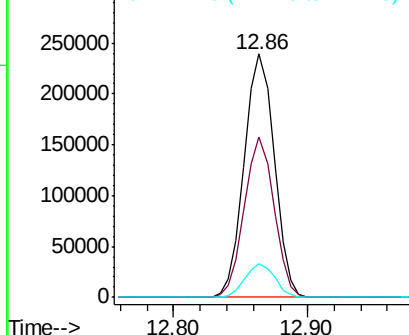
Tgt Ion:	237	Resp:	374091
Ion Ratio	Lower	Upper	
237	100		
235	65.8	46.7	86.7
272	14.0	0.0	32.3

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 113.109 ng

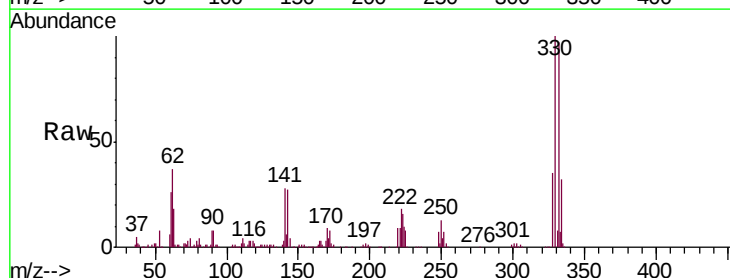
RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

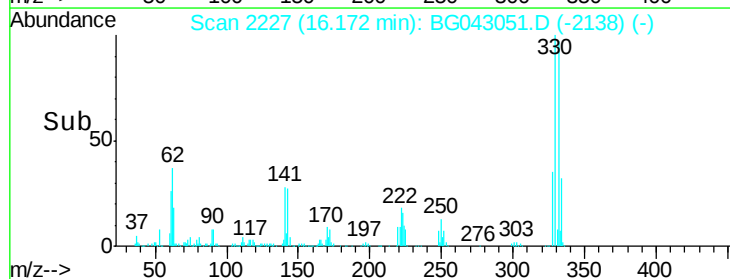
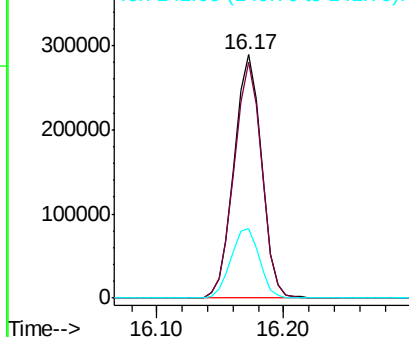
Lab File: BG043051.D

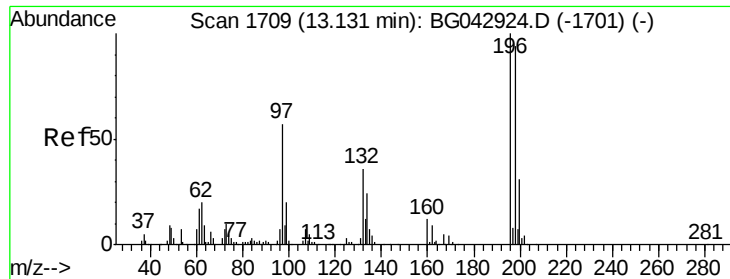
Acq: 5 Oct 2019 12:21

Tgt Ion:	330	Resp:	434239
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.2	117.2
141	29.4	26.0	39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





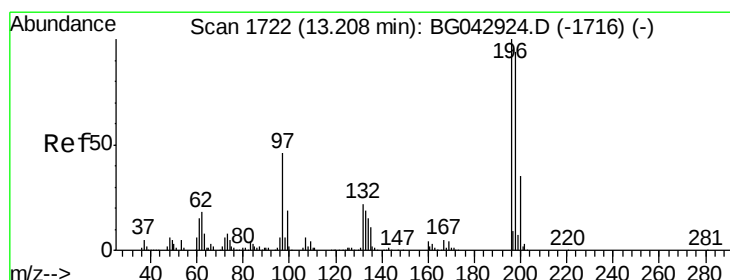
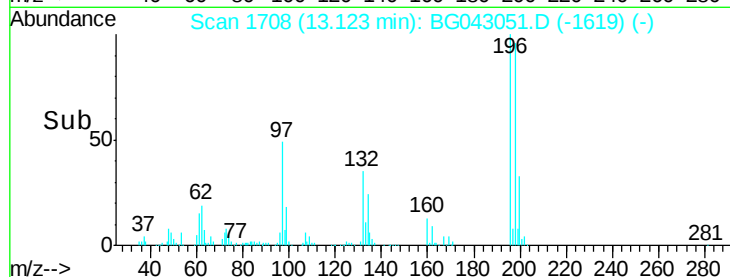
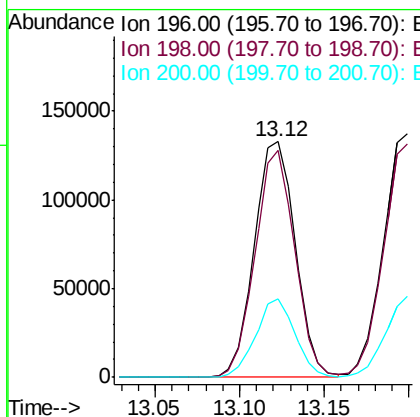
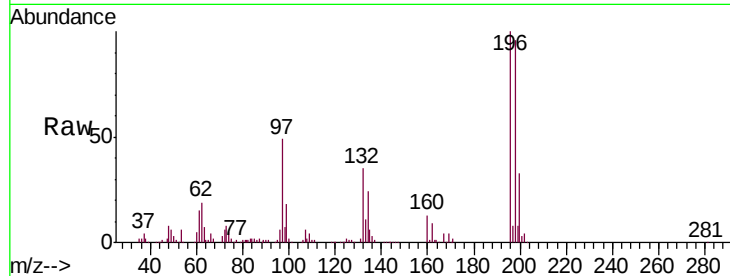
#43
 2,4,6-Trichlorophenol
 Concen: 45.424 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	223184		
198	96.2	75.5	113.3	
200	33.3	24.9	37.3	

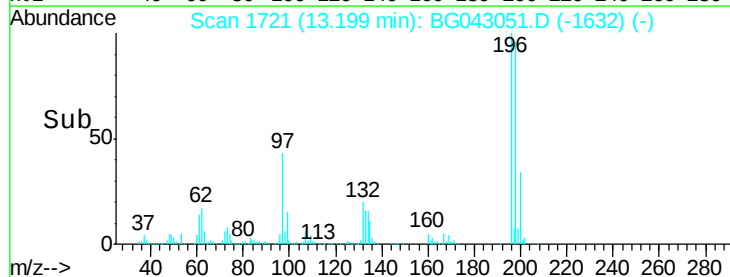
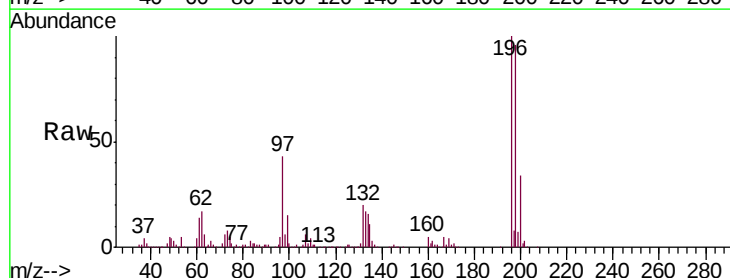
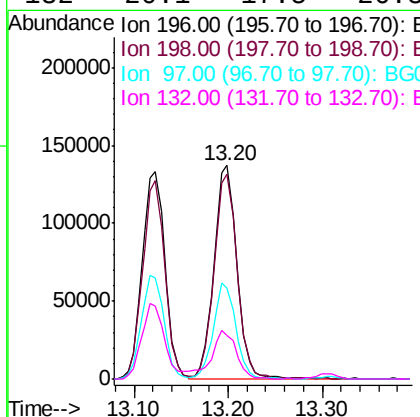
Manual Integrations
 APPROVED

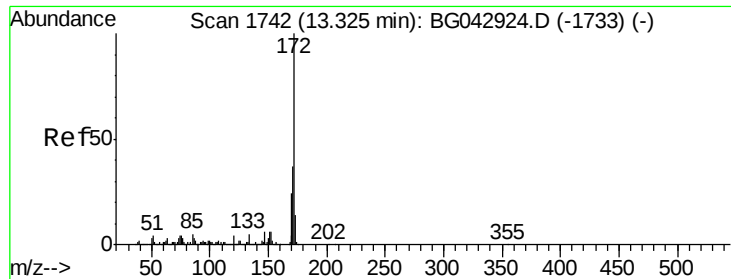
mohammad
 10/7/2019 4:39:00 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.397 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234834		
198	96.0	75.1	112.7	
97	42.8	37.0	55.4	
132	20.1	17.5	26.3	





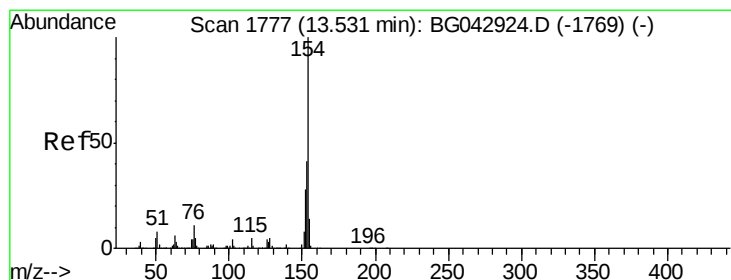
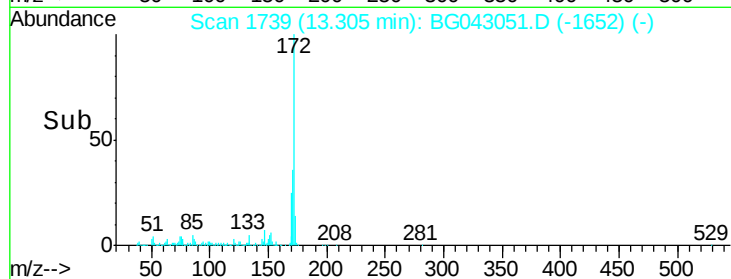
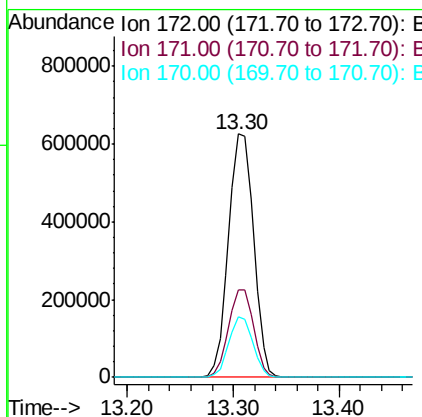
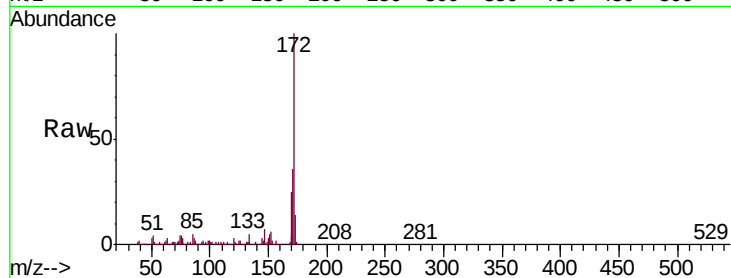
#45
2-Fluorobiphenyl
Concen: 66.813 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.7	19.6	29.4

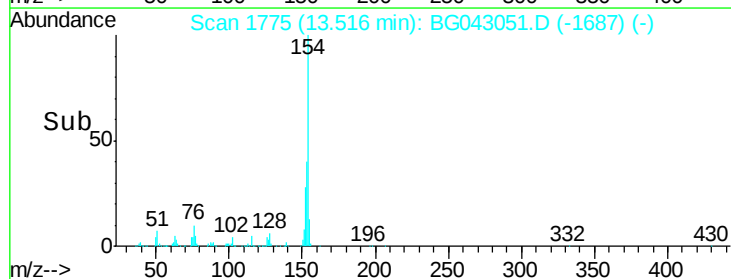
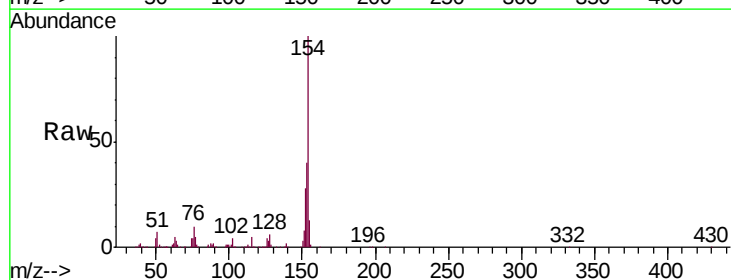
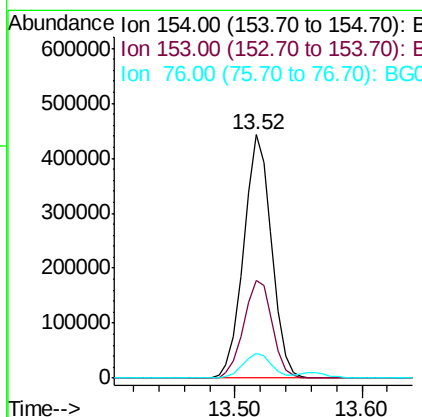
Manual Integrations
APPROVED

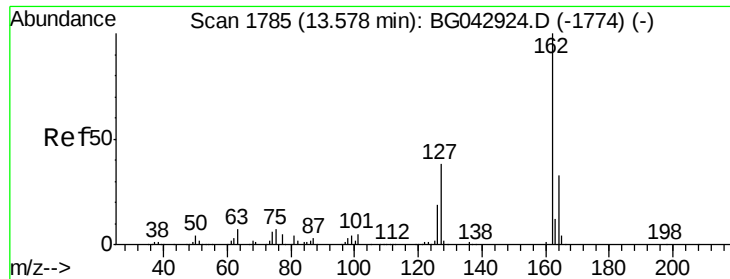
mohammad
10/7/2019 4:39:00 PM



#46
1,1'-Biphenyl
Concen: 39.762 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.4	61.4
76	10.1	0.0	31.3





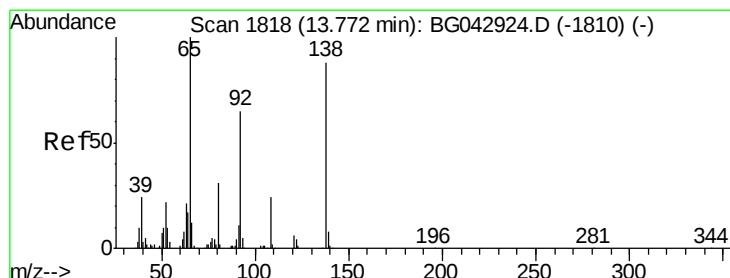
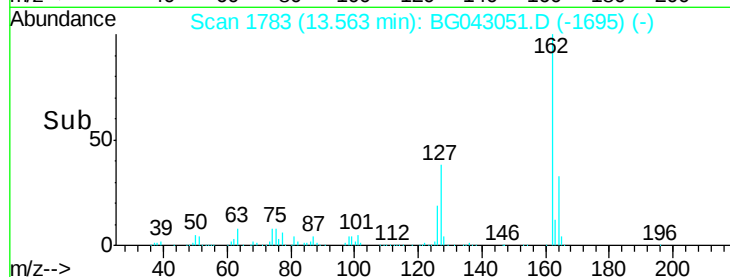
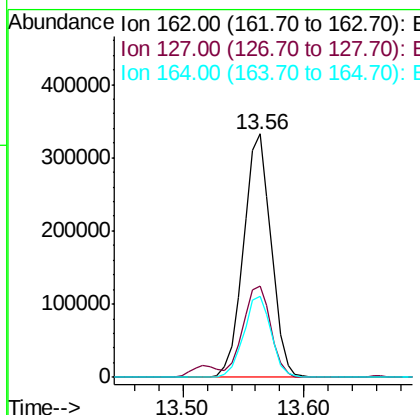
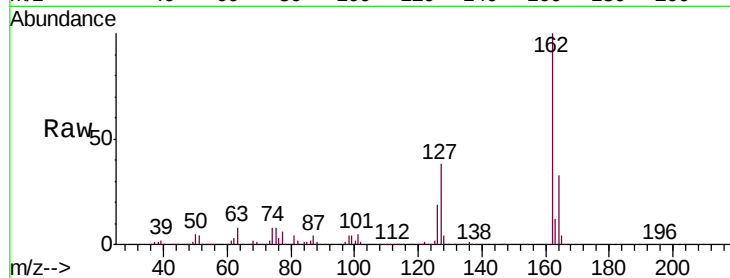
#47
2-Chloronaphthalene
Concen: 41.789 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	530464		
127	37.7	31.0	46.6	
164	33.3	26.2	39.2	

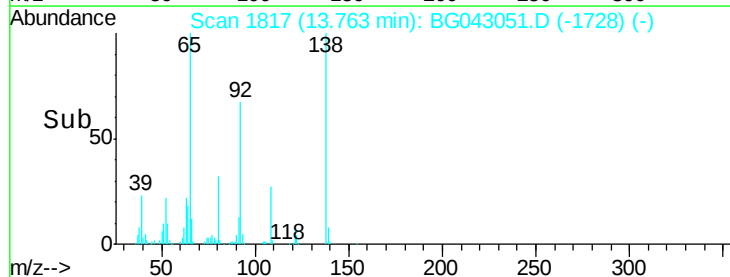
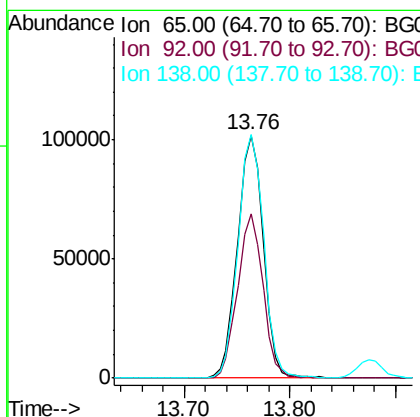
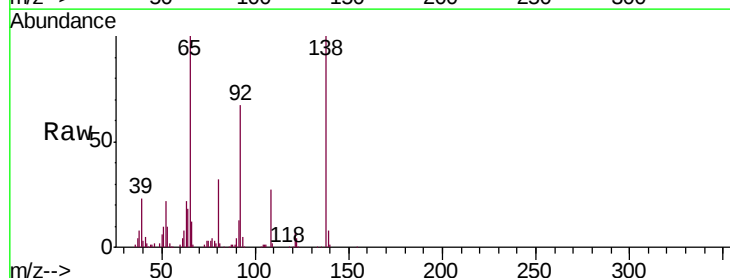
Manual Integrations
APPROVED

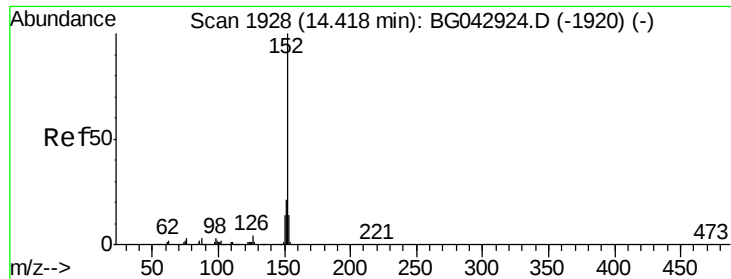
mohammad
10/7/2019 4:39:00 PM



#48
2-Nitroaniline
Concen: 40.779 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	172142		
92	67.6	52.0	78.0	
138	100.3	70.4	105.6	





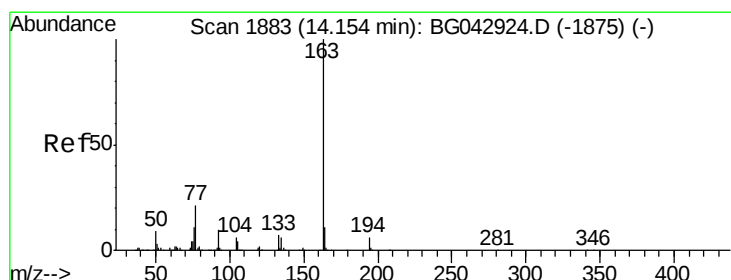
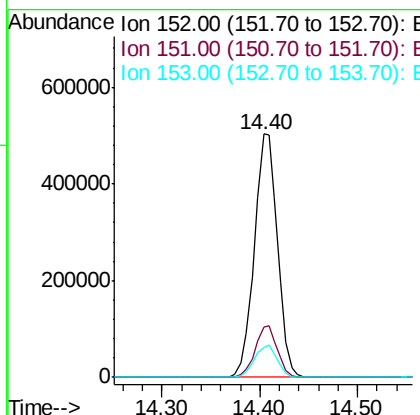
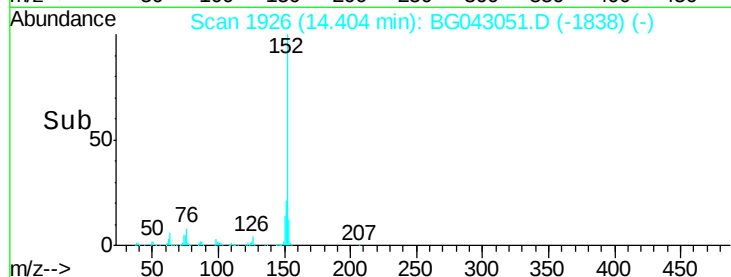
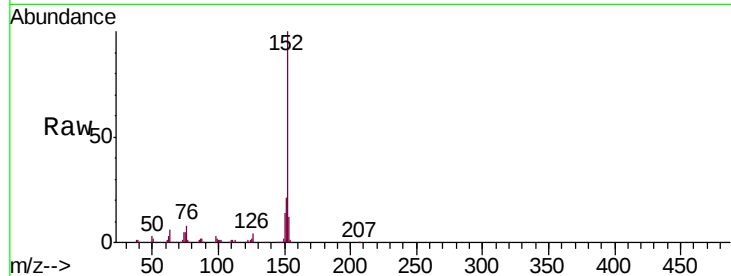
#49
Acenaphthylene
Concen: 43.335 ng
RT: 14.40 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	841732		
151	20.6	16.8	25.2	
153	12.4	11.3	16.9	

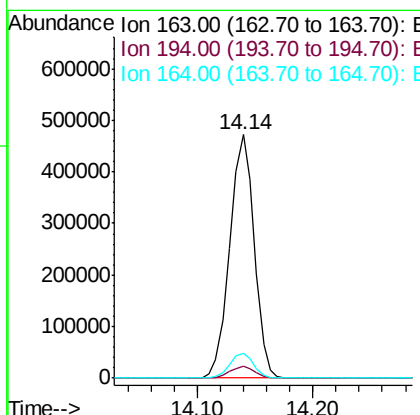
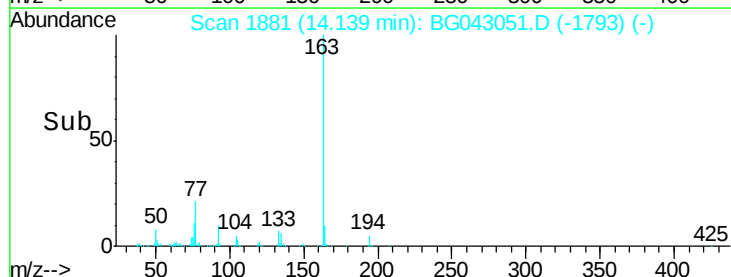
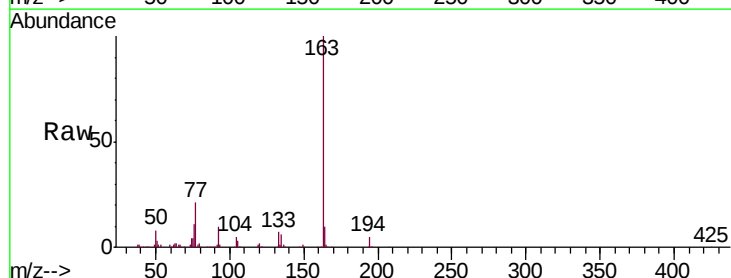
Manual Integrations
APPROVED

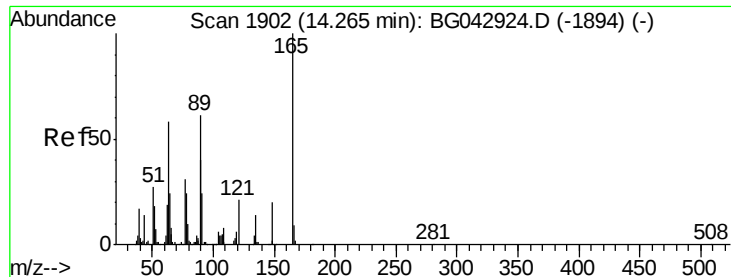
mohammad
10/7/2019 4:39:00 PM



#50
Dimethylphthalate
Concen: 41.274 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	690439		
194	4.8	4.4	6.6	
164	10.1	8.6	12.8	





#51

2,6-Dinitrotoluene

Concen: 44.954 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

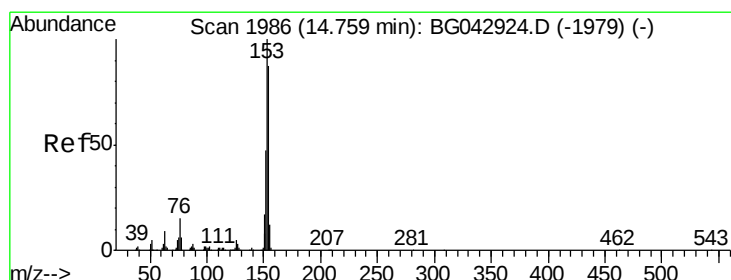
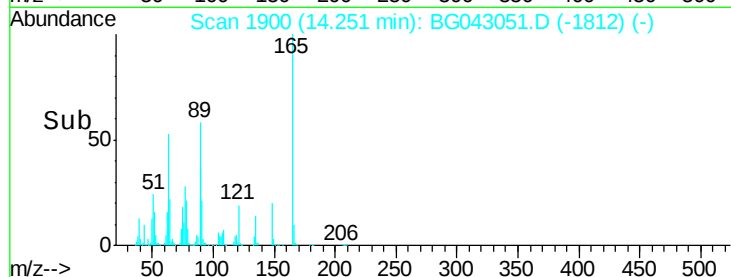
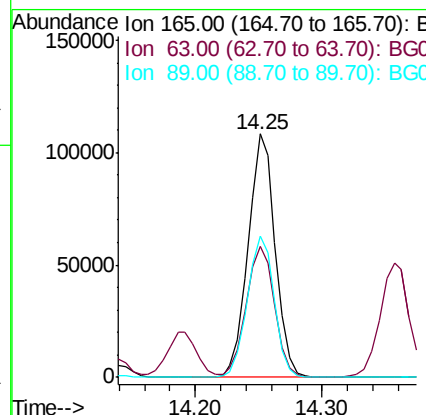
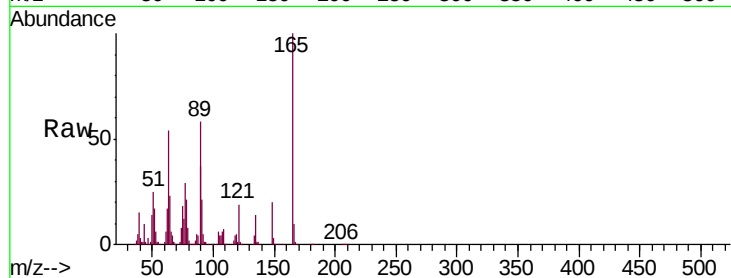
ClientSampleId :

PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	160144		
63	53.9	50.3	75.5	
89	58.2	48.9	73.3	

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



#52

Acenaphthene

Concen: 39.836 ng

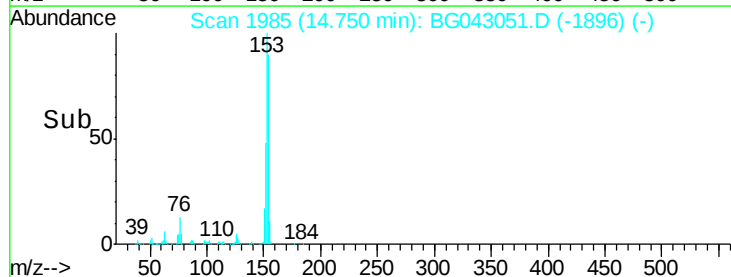
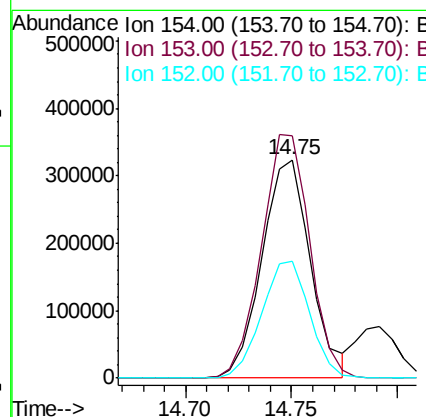
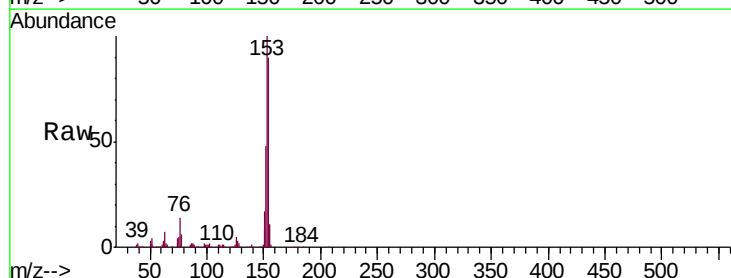
RT: 14.75 min Scan# 1985

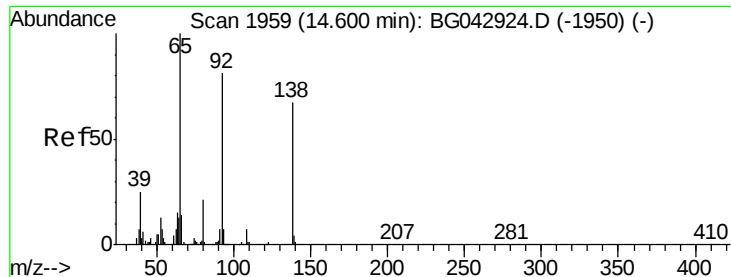
Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	517919		
153	111.3	91.4	137.0	
152	53.7	42.8	64.2	





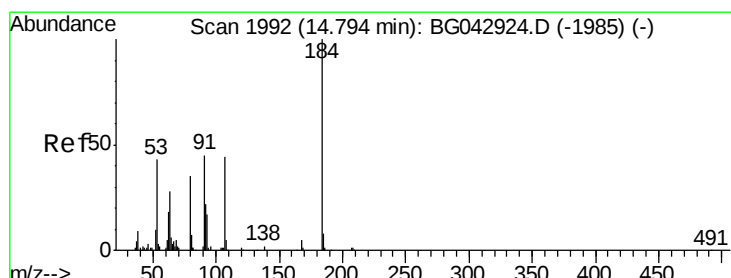
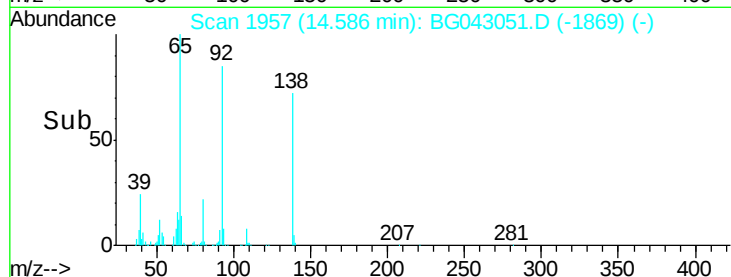
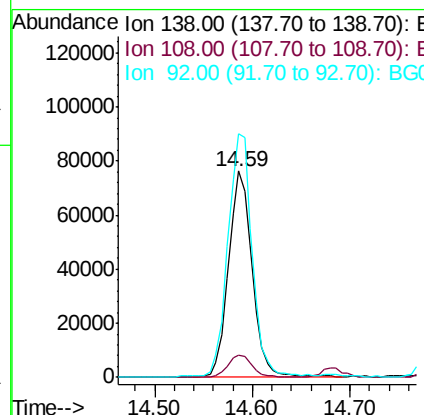
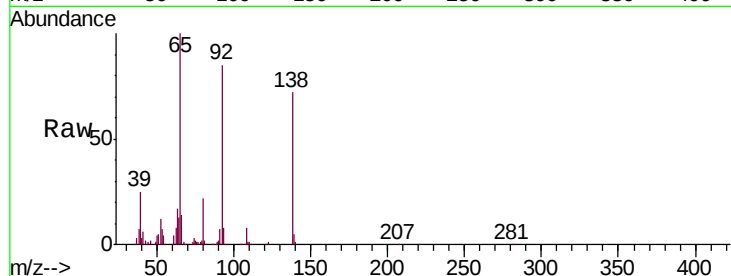
#53
3-Nitroaniline
Concen: 34.923 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	7.9	11.9
92	118.1	97.0	145.6

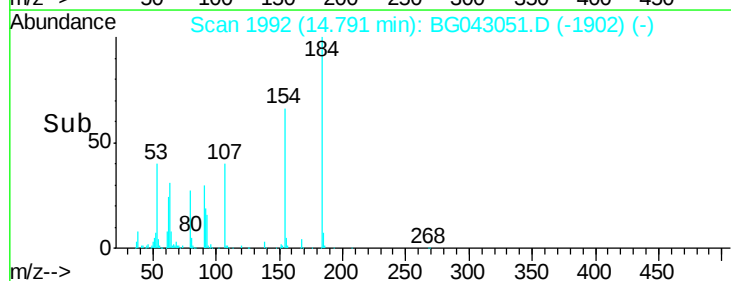
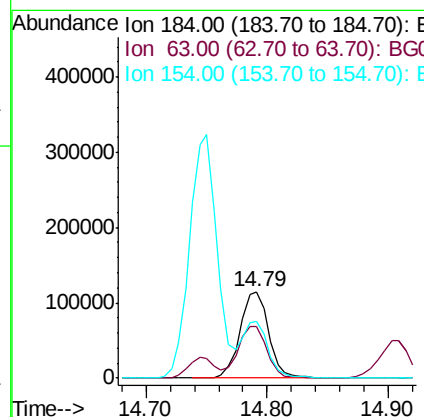
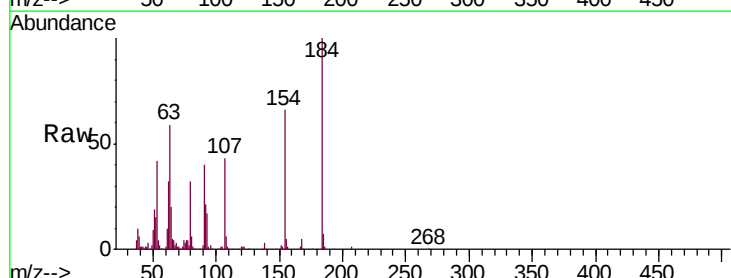
Manual Integrations
APPROVED

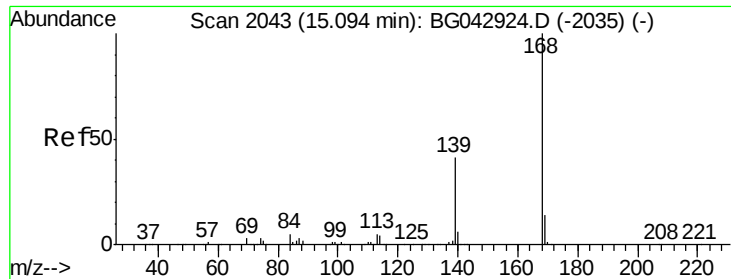
mohammad
10/7/2019 4:39:00 PM



#54
2,4-Dinitrophenol
Concen: 85.665 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.2	55.0	82.6
154	65.9	56.5	84.7





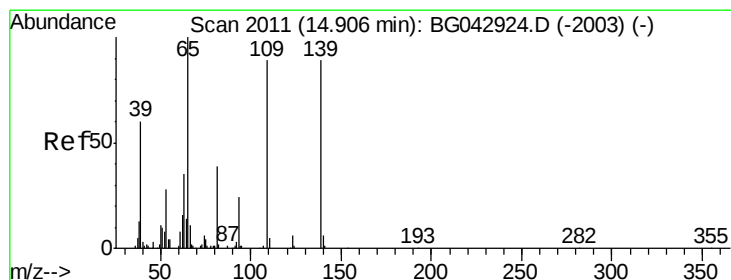
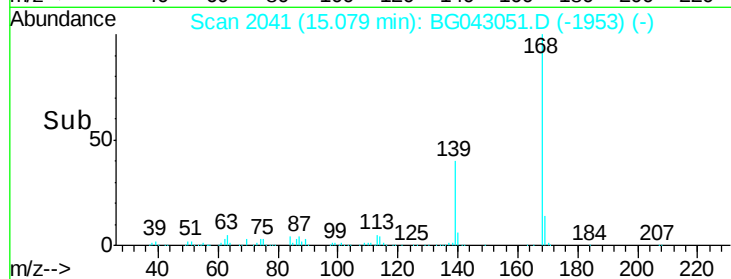
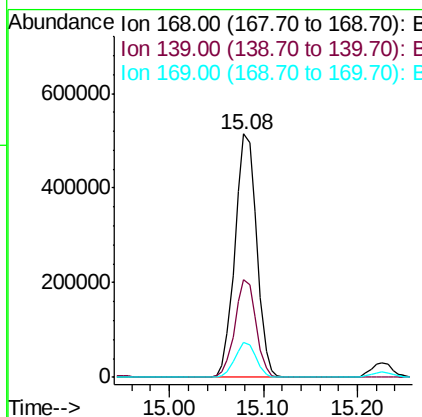
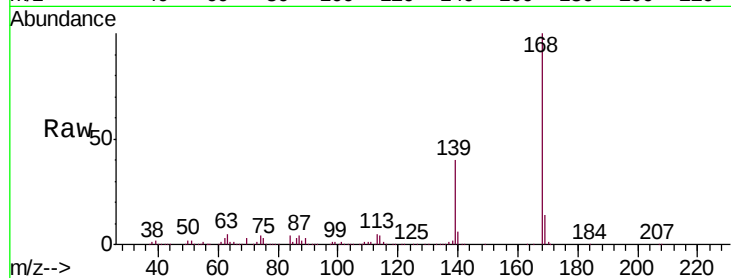
#55
Dibenzenofuran
Concen: 42.937 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	825788		
139	40.0	32.6	48.8	
169	14.4	11.2	16.8	

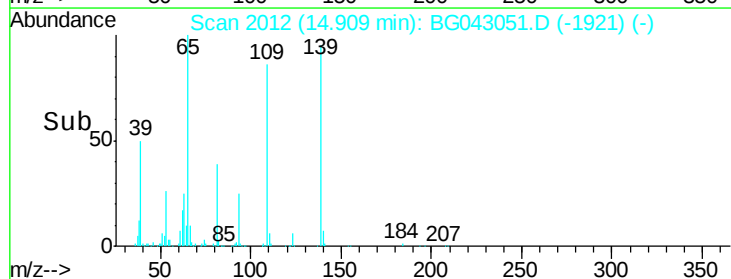
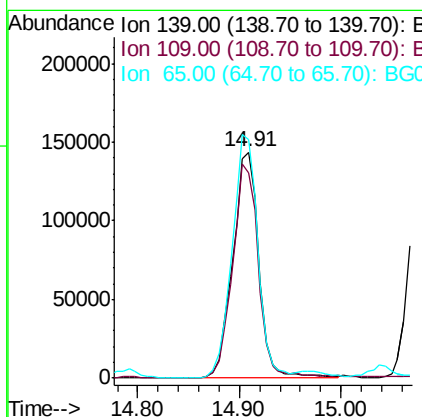
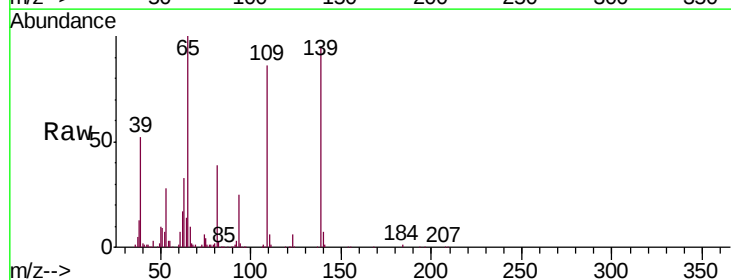
Manual Integrations
APPROVED

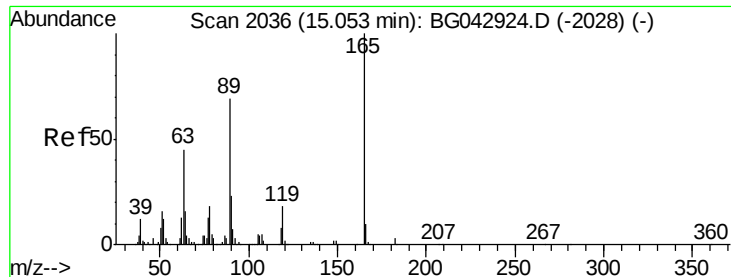
mohammad
10/7/2019 4:39:00 PM



#56
4-Nitrophenol
Concen: 91.772 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	257428		
109	91.0	79.4	119.4	
65	105.4	92.5	132.5	





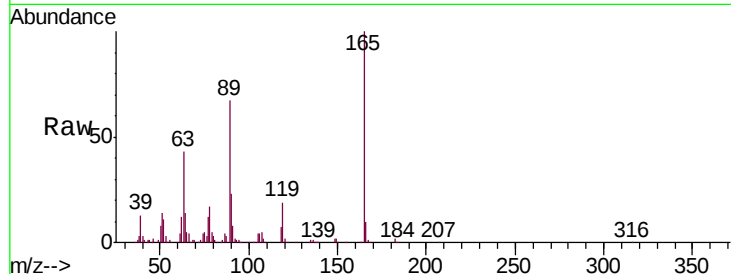
#57
 2,4-Dinitrotoluene
 Concen: 43.918 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

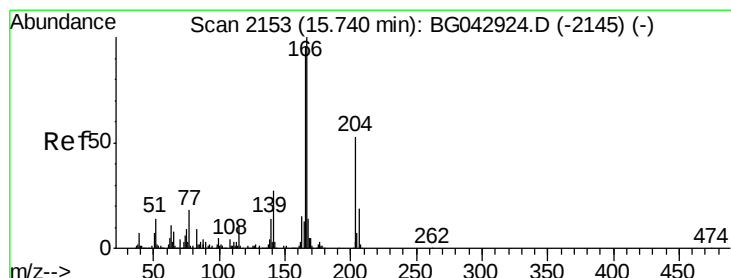
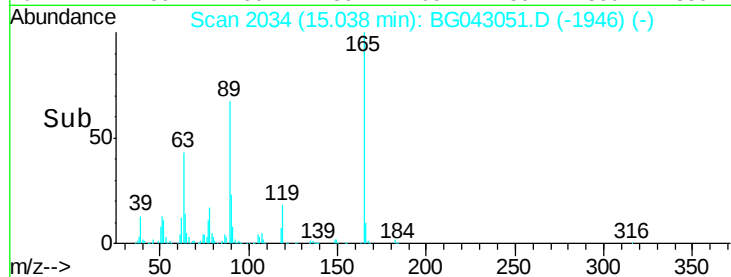
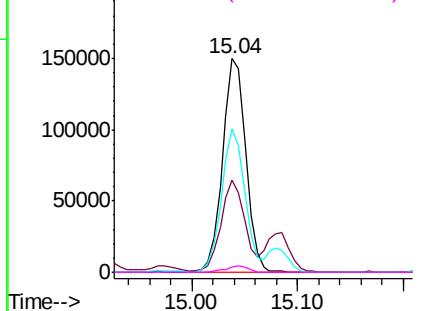
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	229108		
63	43.0	36.5	54.7	
89	67.1	55.5	83.3	
182	2.5	2.4	3.6	

Manual Integrations
 APPROVED

mohammad
 10/7/2019 4:39:00 PM



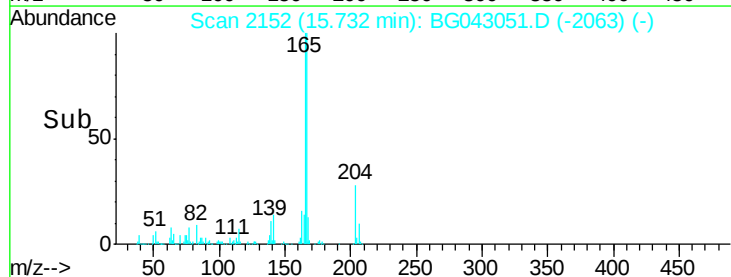
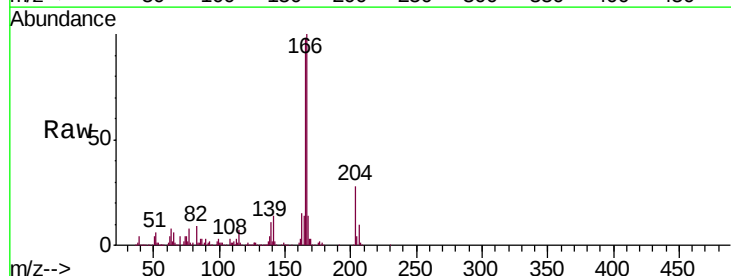
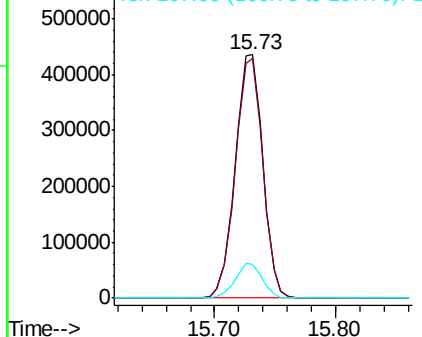
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

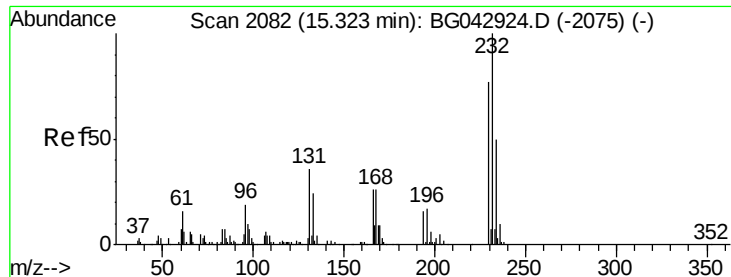


#58
 Fluorene
 Concen: 42.234 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	693481		
165	98.5	77.1	115.7	
167	13.7	11.0	16.6	

Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.759 ng

RT: 15.31 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

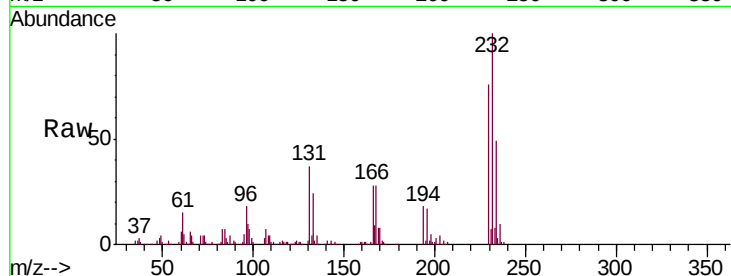
ClientSampleId :

PB123649BS

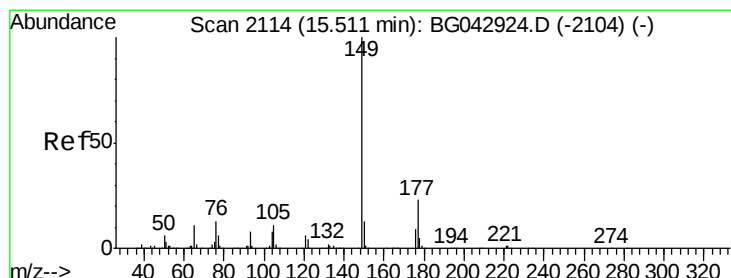
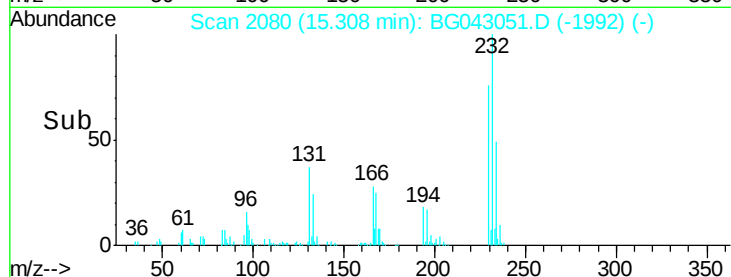
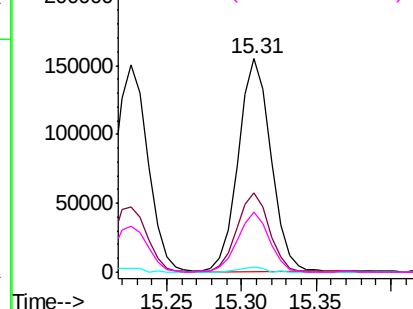
Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	37.4	29.6	44.4
130	2.0	1.9	2.9
166	27.1	21.8	32.8

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.505 ng

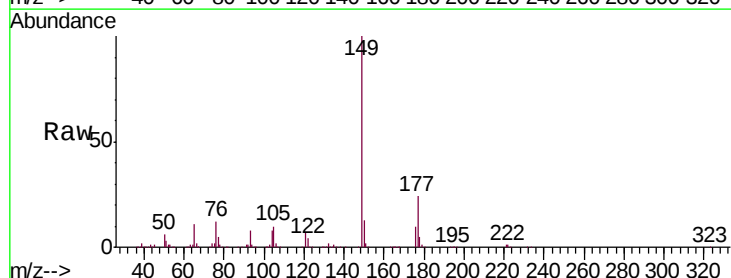
RT: 15.50 min Scan# 2112

Delta R.T. -0.01 min

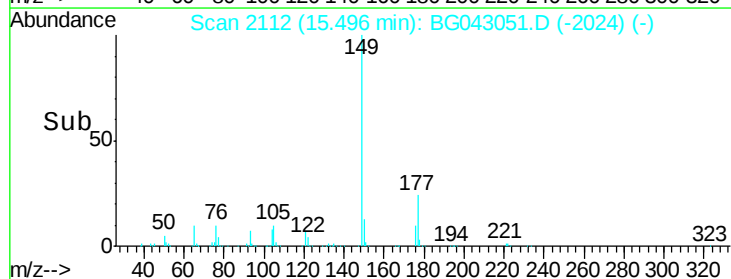
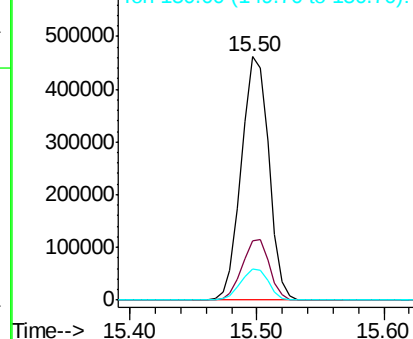
Lab File: BG043051.D

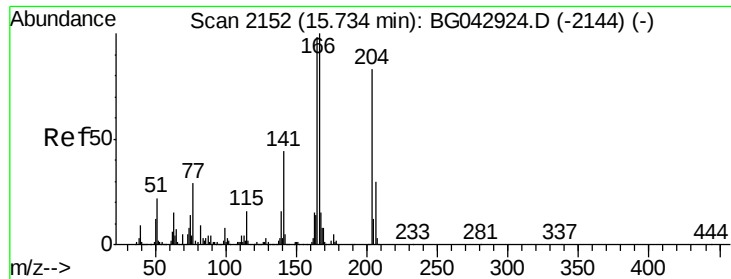
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	24.4	18.8	28.2
150	12.8	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





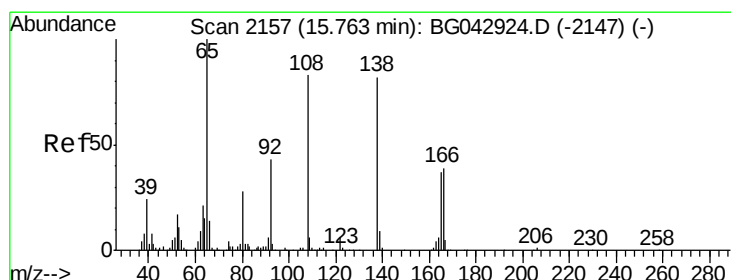
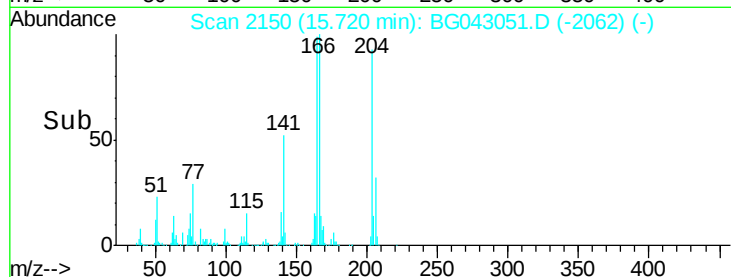
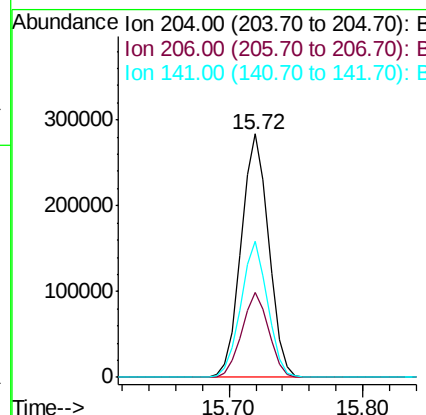
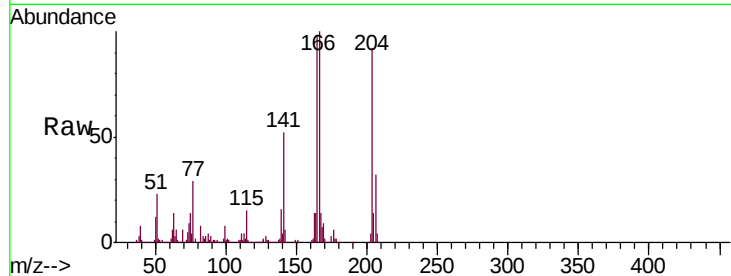
#61
 4-Chlorophenyl-phenylether
 Concen: 41.005 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.5	42.7
141	56.0	42.4	63.6

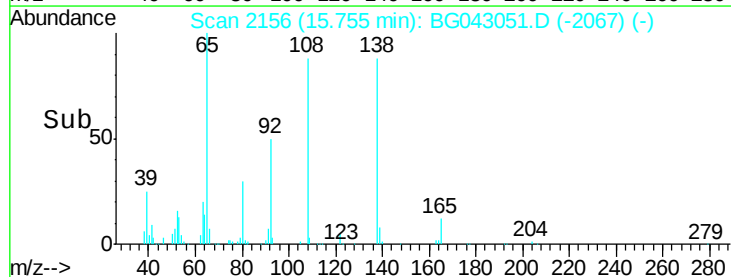
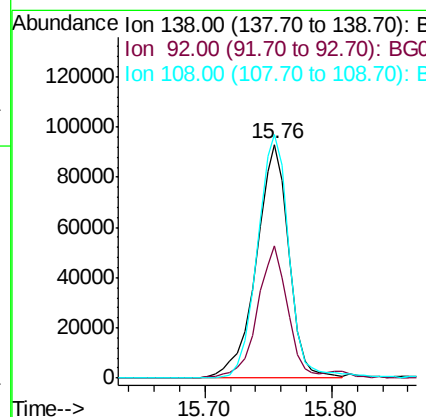
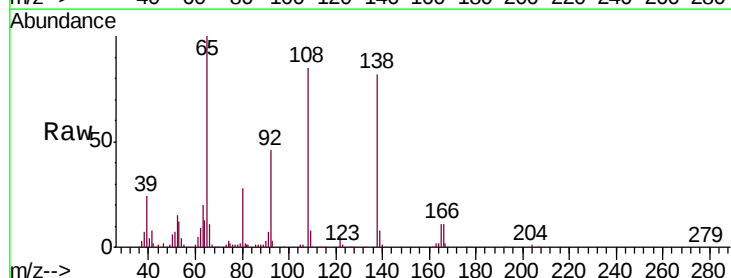
Manual Integrations
 APPROVED

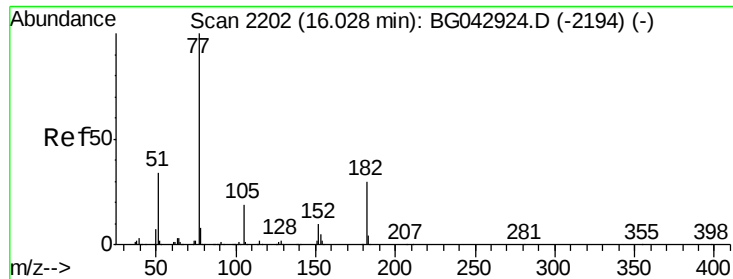
mohammad
 10/7/2019 4:39:00 PM



#62
 4-Nitroaniline
 Concen: 41.410 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.5	32.9	72.9
108	104.1	81.3	121.3





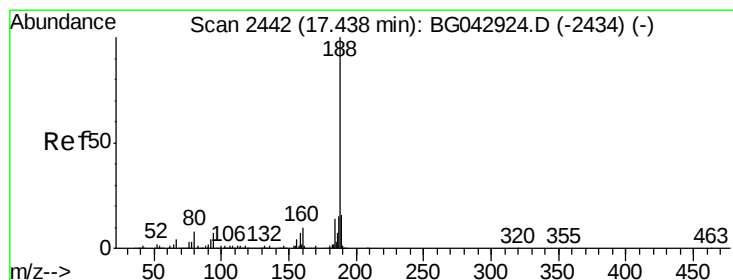
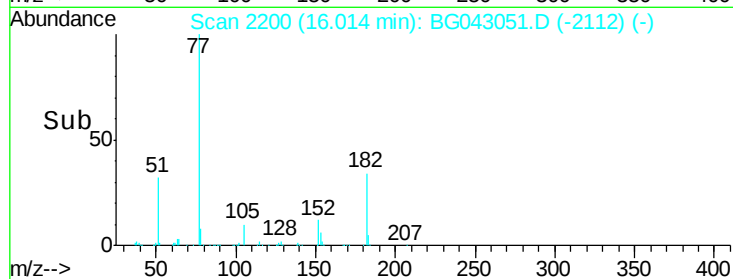
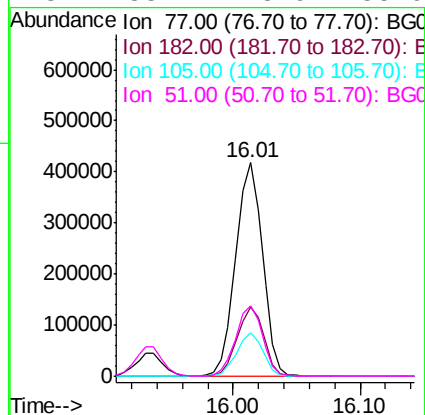
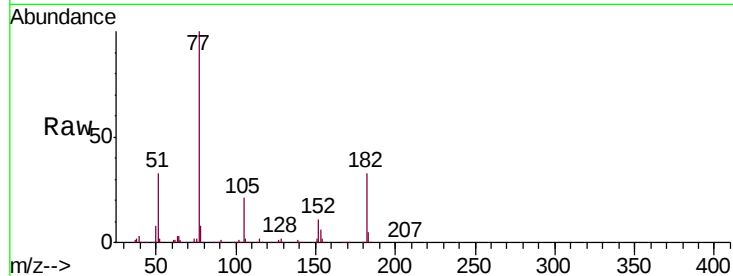
#63
Azobenzene
Concen: 39.425 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.6	10.2	50.2
105	20.6	0.0	39.1
51	33.2	13.9	53.9

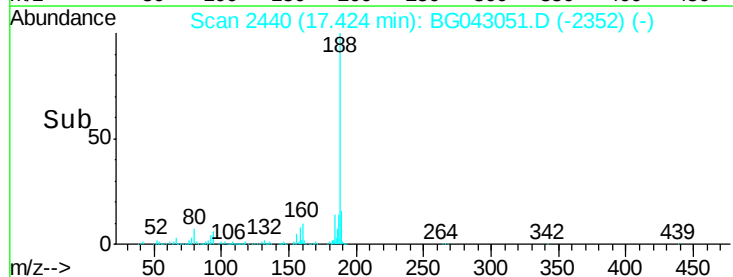
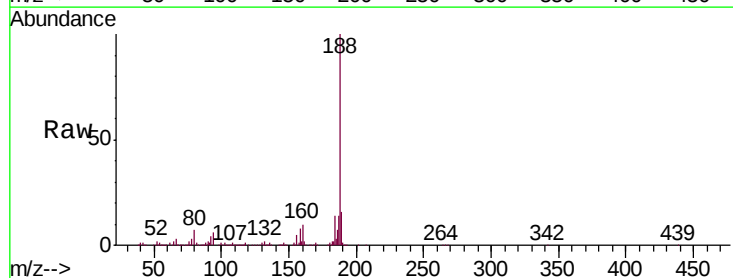
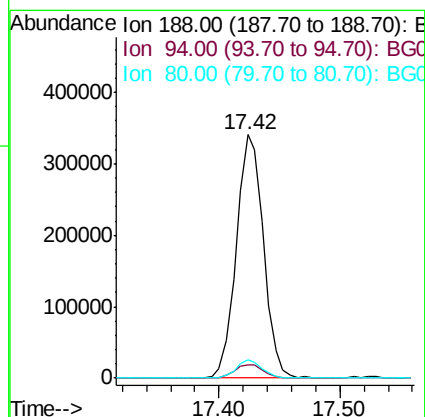
Manual Integrations
APPROVED

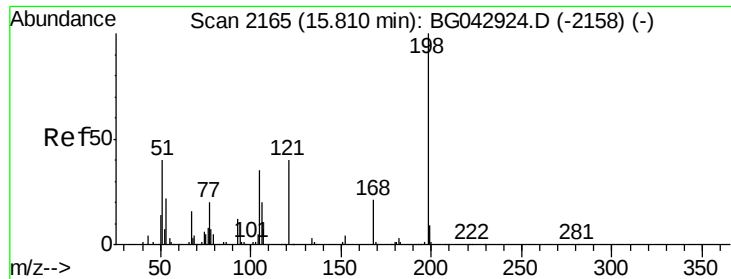
mohammad
10/7/2019 4:39:00 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.7	8.5#
80	7.3	6.5	9.7





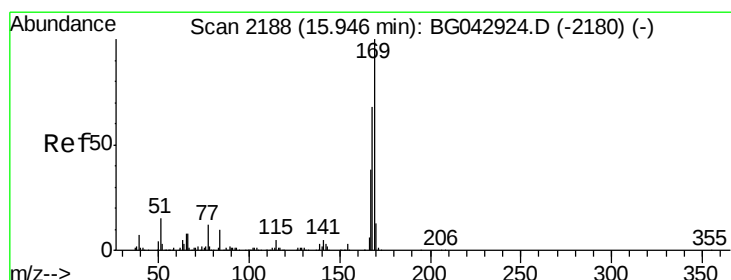
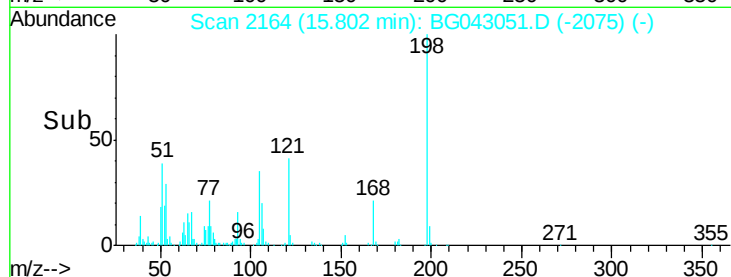
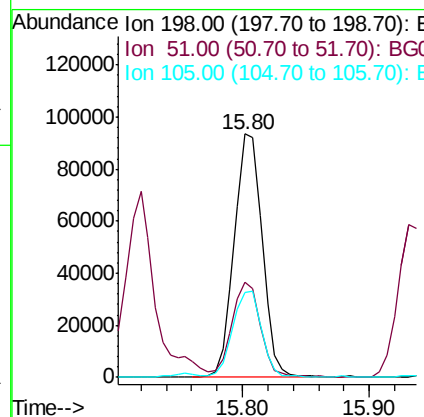
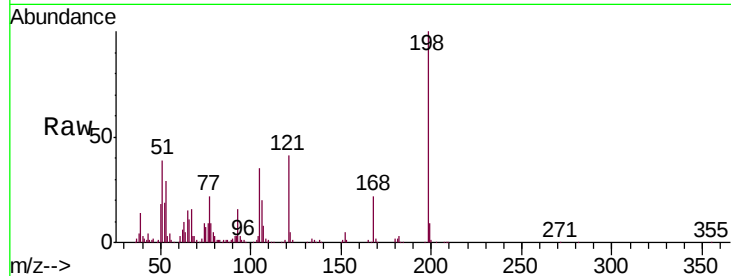
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.365 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	142796		
51	39.1	25.3	65.3	
105	34.7	16.6	56.6	

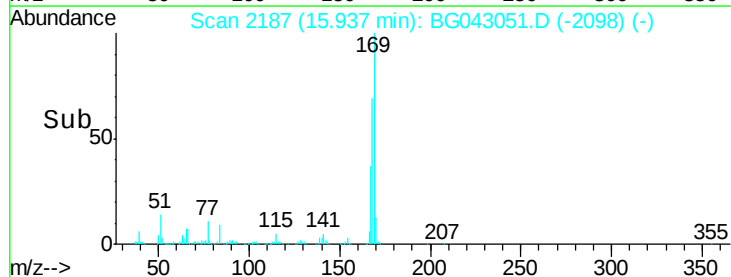
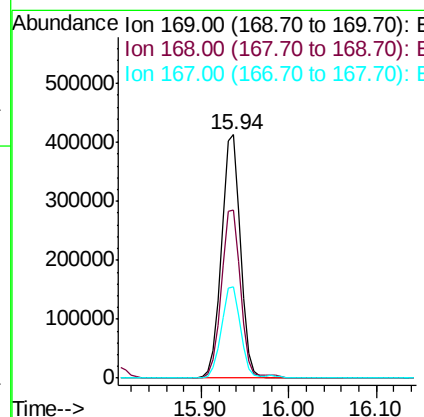
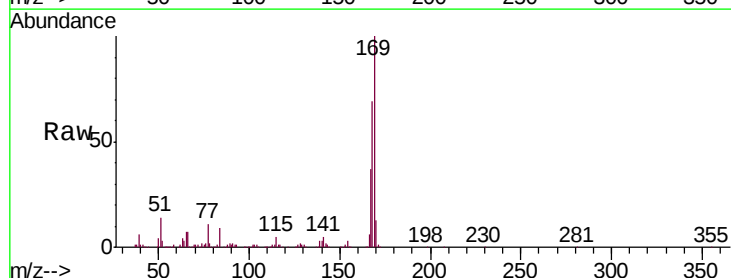
Manual Integrations
 APPROVED

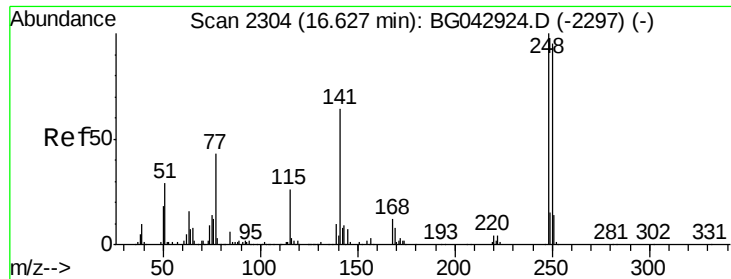
mohammad
 10/7/2019 4:39:00 PM



#66
 n-Nitrosodiphenylamine
 Concen: 44.186 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	621464		
168	68.8	54.8	82.2	
167	37.5	30.6	46.0	





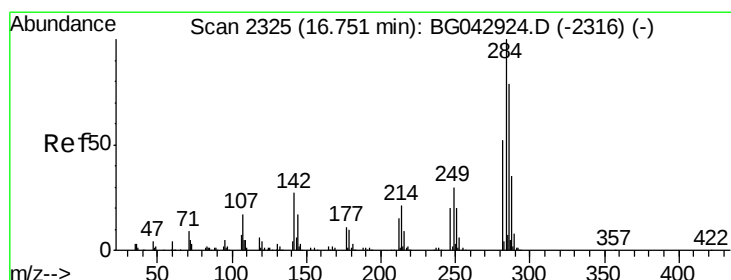
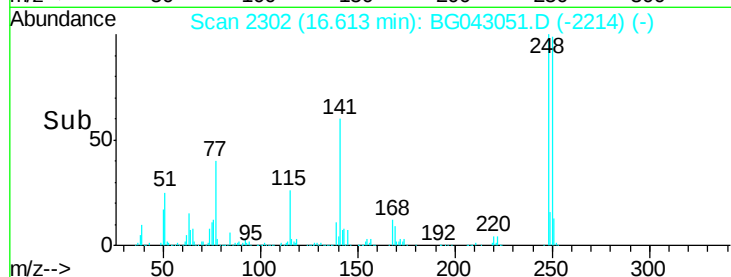
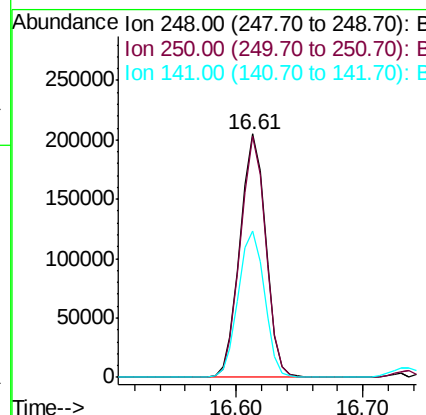
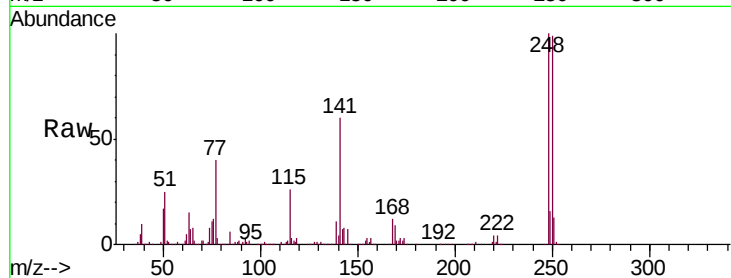
#67
4-Bromophenyl-phenylether
Concen: 43.166 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampled :
PB123649BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	75.8	113.8
141	60.1	51.1	76.7

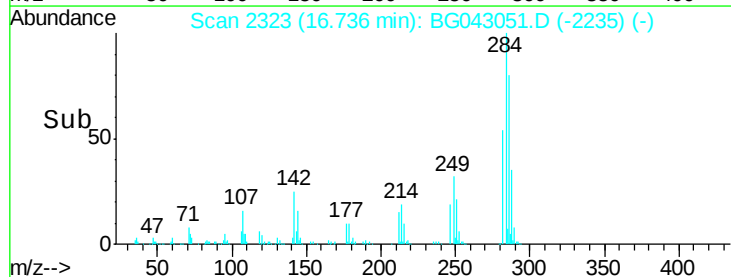
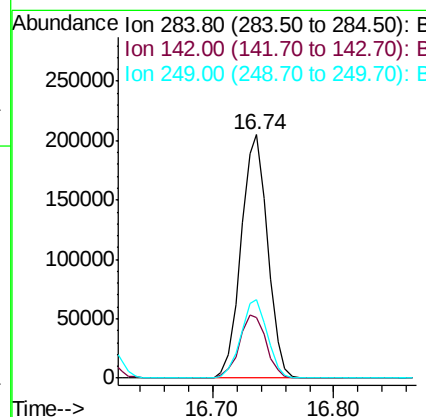
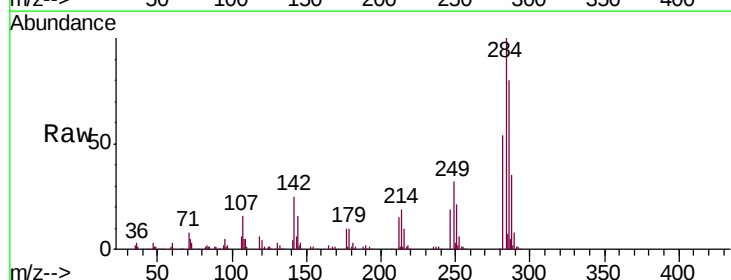
Manual Integrations
APPROVED

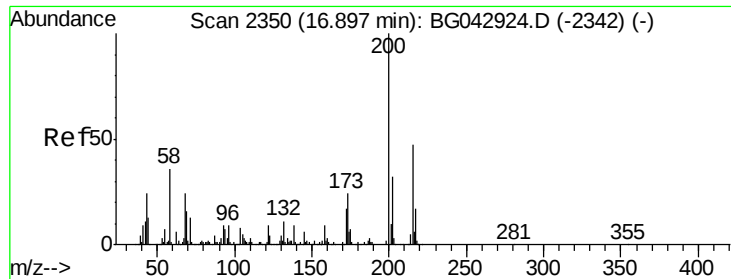
mohammad
10/7/2019 4:39:00 PM



#68
Hexachlorobenzene
Concen: 42.128 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	21.6	32.4
249	32.4	24.1	36.1





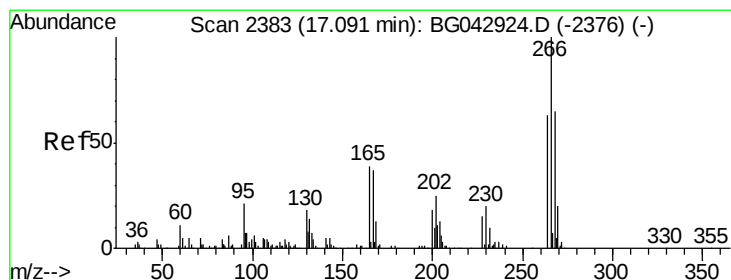
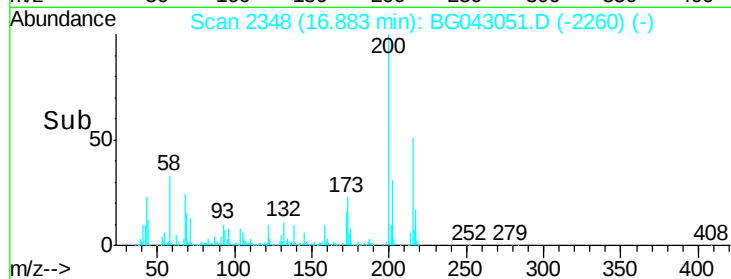
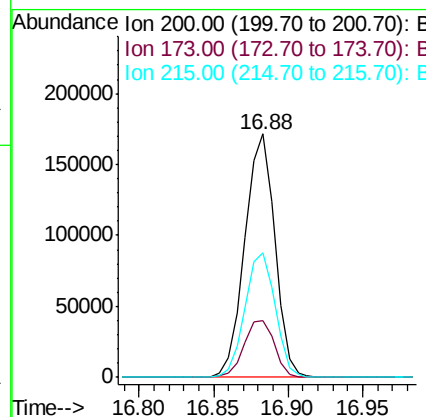
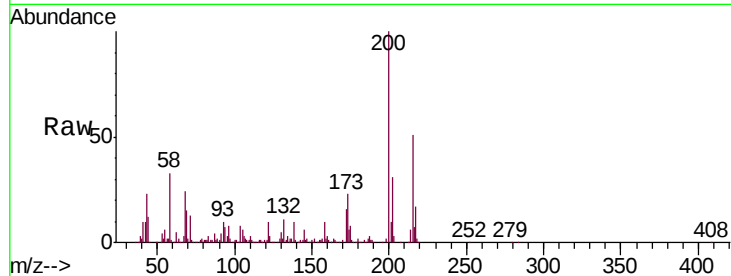
#69
Atrazine
Concen: 40.350 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.3	4.0	44.0
215	51.2	27.4	67.4

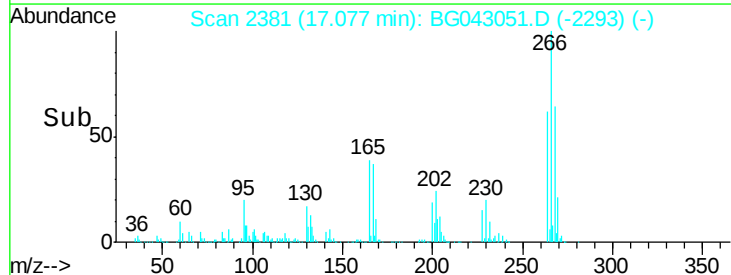
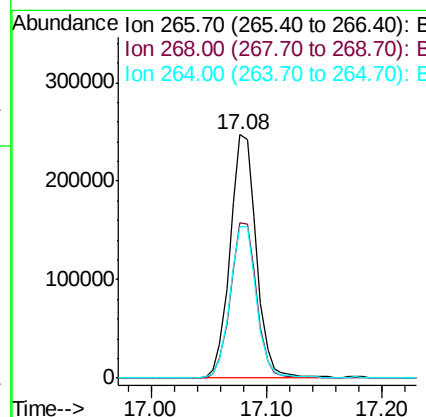
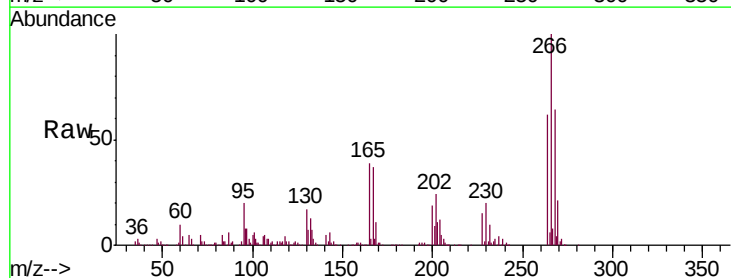
Manual Integrations
APPROVED

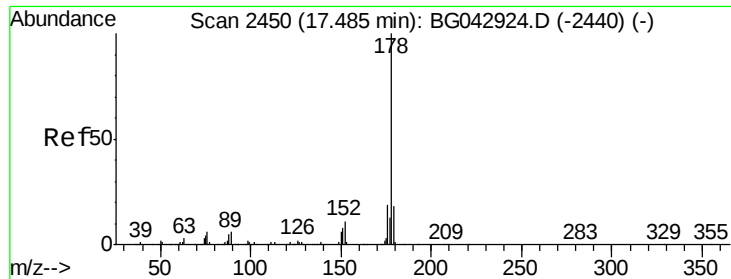
mohammad
10/7/2019 4:39:00 PM



#70
Pentachlorophenol
Concen: 90.439 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	52.2	78.2
264	62.3	50.7	76.1





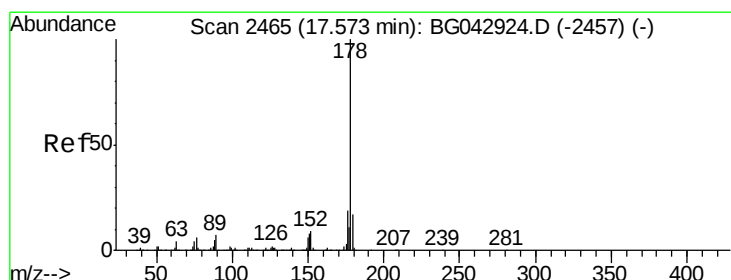
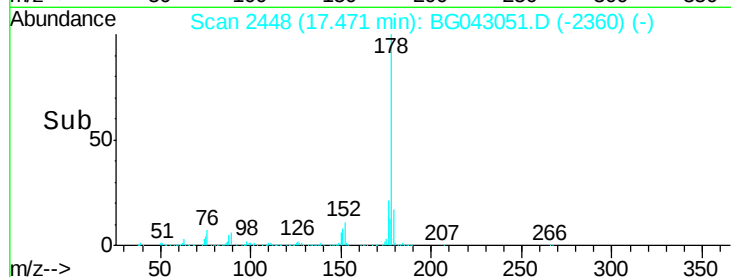
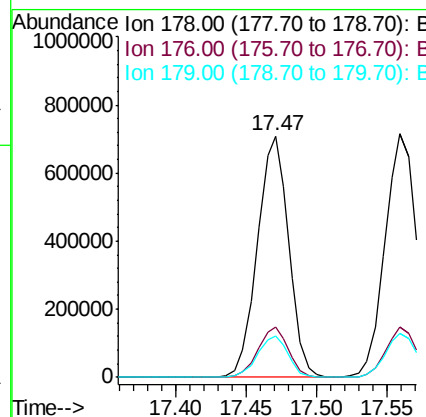
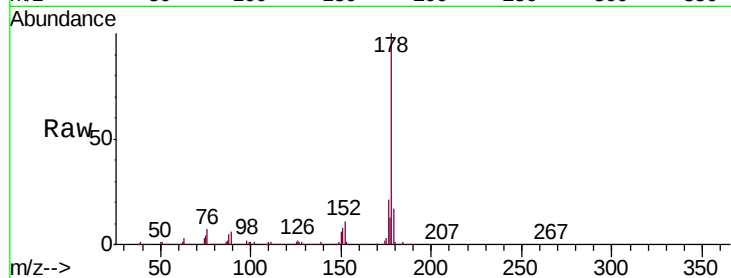
#71
Phenanthrene
Concen: 42.495 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.1	22.7
179	17.2	14.1	21.1

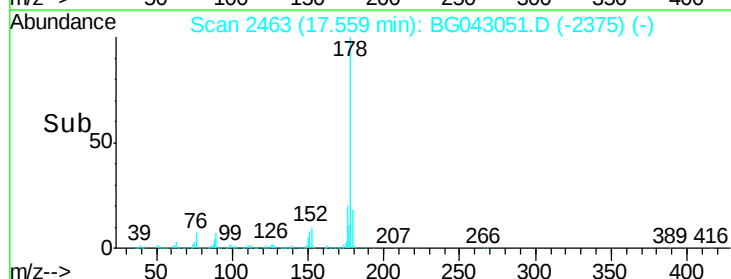
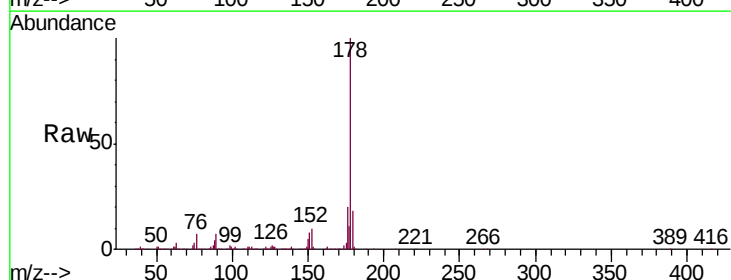
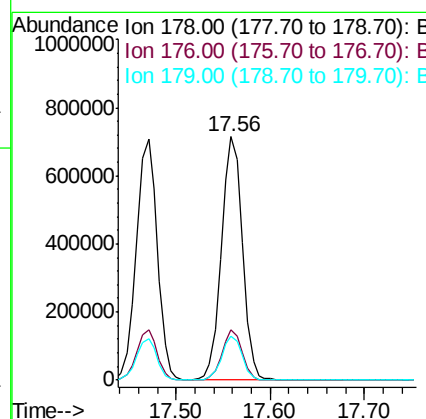
Manual Integrations
APPROVED

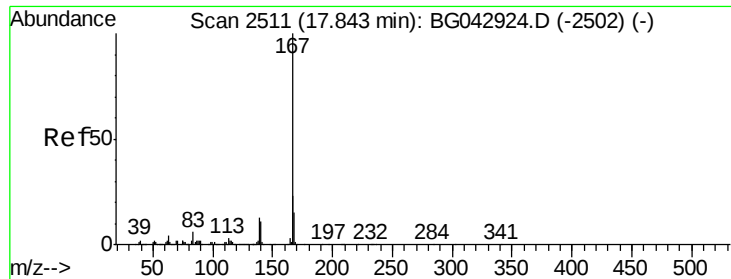
mohammad
10/7/2019 4:39:00 PM



#72
Anthracene
Concen: 43.105 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.5	23.3
179	18.0	13.5	20.3





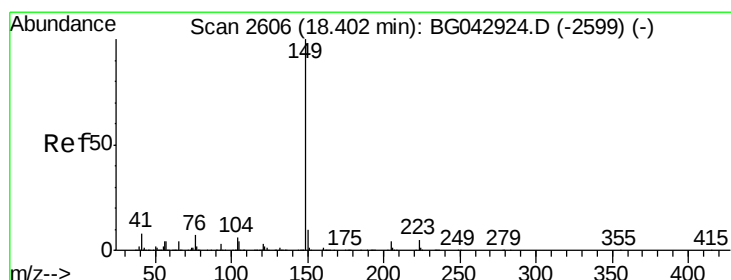
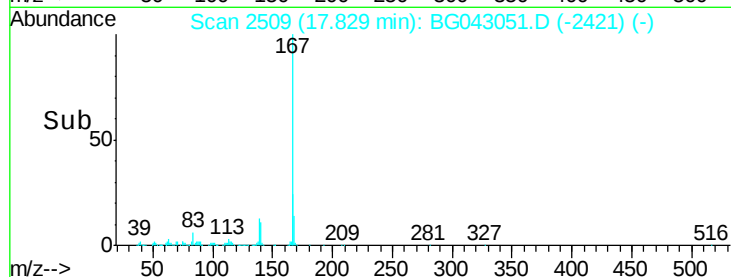
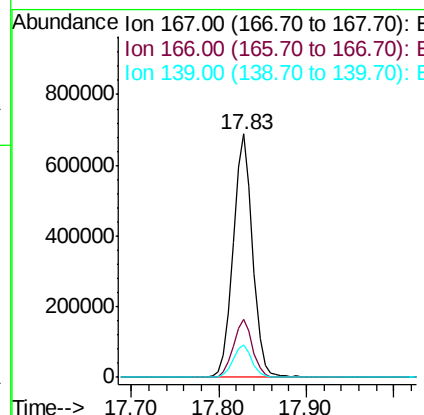
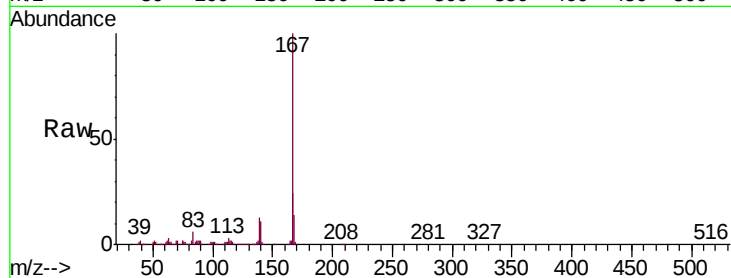
#73
 Carbazole
 Concen: 43.357 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.6	28.0
139	13.2	10.8	16.2

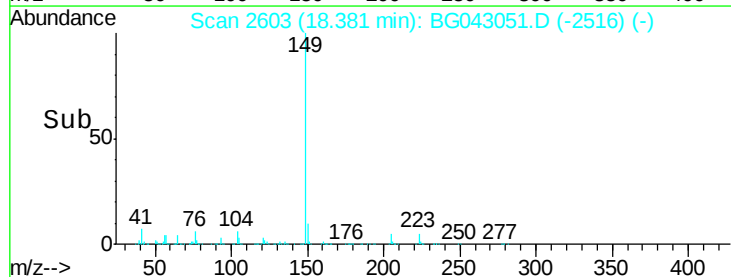
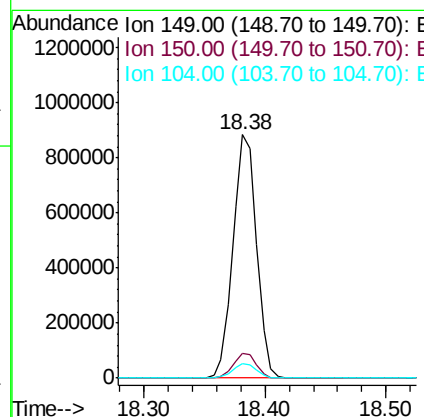
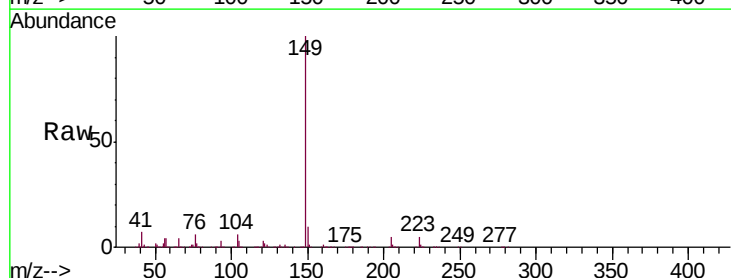
Manual Integrations
 APPROVED

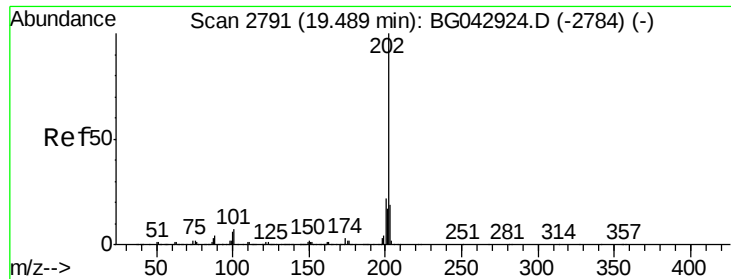
mohammad
 10/7/2019 4:39:00 PM



#74
 Di-n-butylphthalate
 Concen: 41.647 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.1	5.0	7.6





#75

Fluoranthene

Concen: 42.182 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

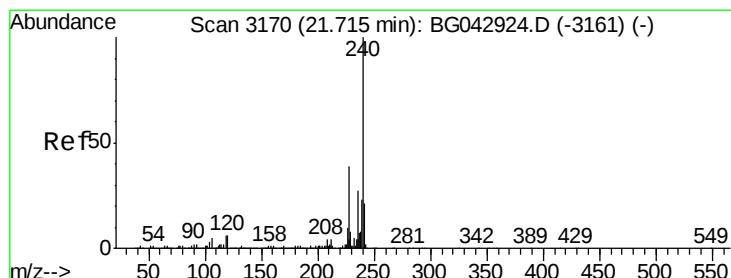
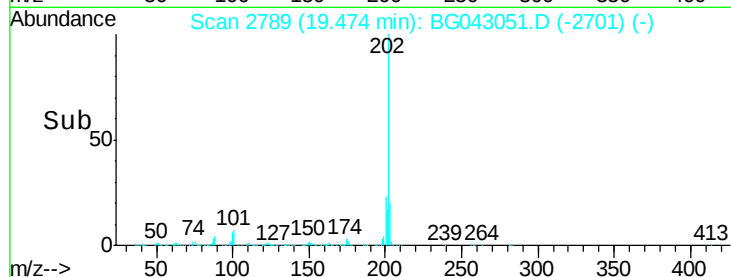
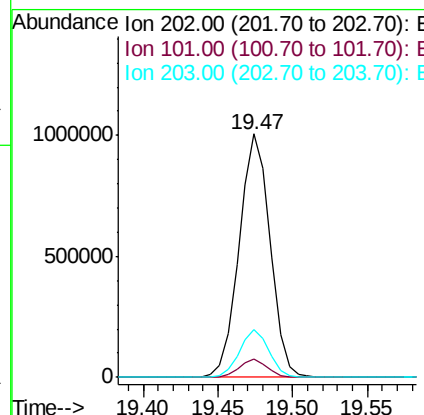
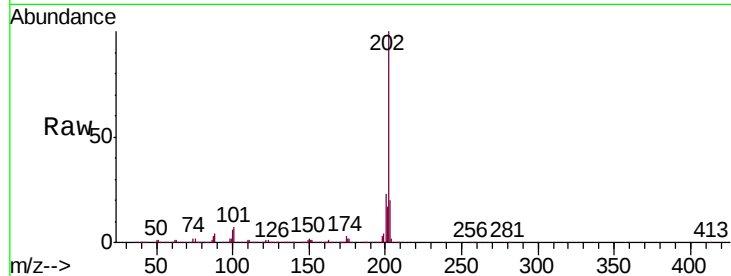
ClientSampled :

PB123649BS

Tgt	Ion	202	Resp	1451206
Ion	Ratio	Lower	Upper	
202	100			
101	7.4	0.0	27.3	
203	19.7	0.0	39.5	

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



#76

Chrysene-d12

Concen: 20.000 ng

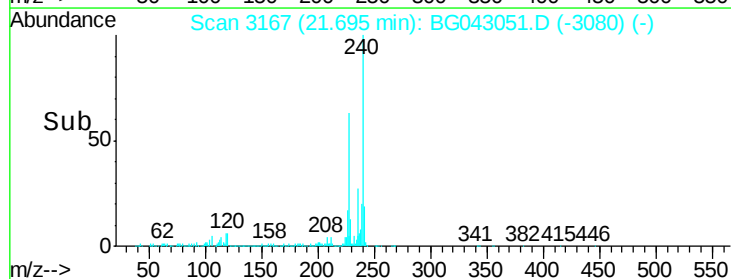
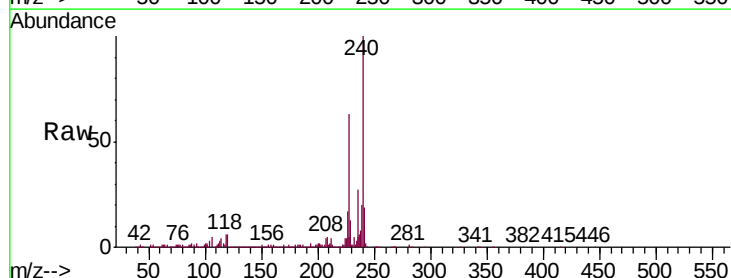
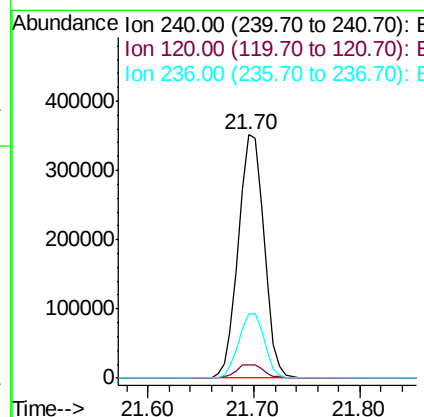
RT: 21.70 min Scan# 3167

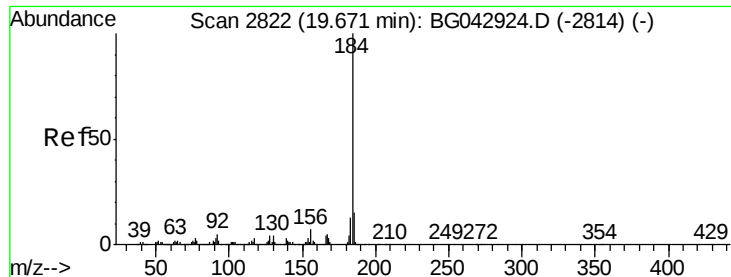
Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt	Ion	240	Resp	591005
Ion	Ratio	Lower	Upper	
240	100			
120	5.6	4.8	7.2	
236	26.5	21.4	32.0	





#77

Benzidine

Concen: 28.582 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

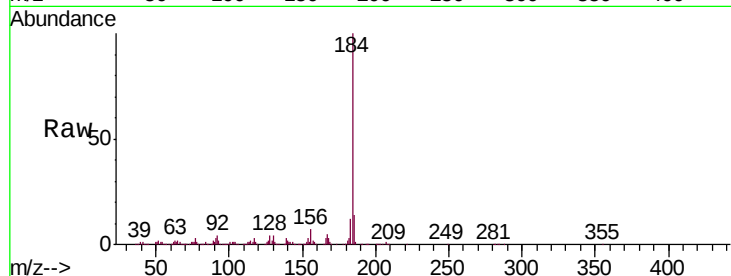
ClientSampleId :

PB123649BS

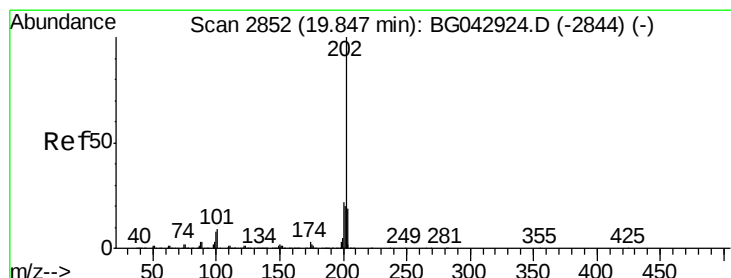
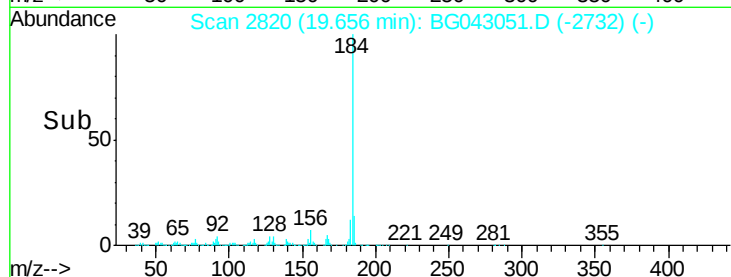
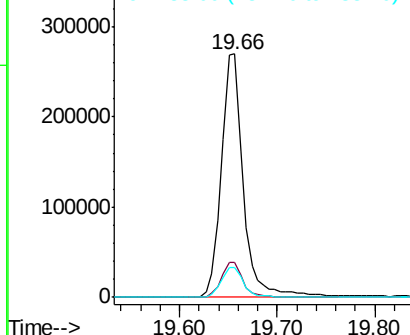
Tgt Ion:	184	Resp:	422956
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.8	17.8
183	12.1	10.1	15.1

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.025 ng

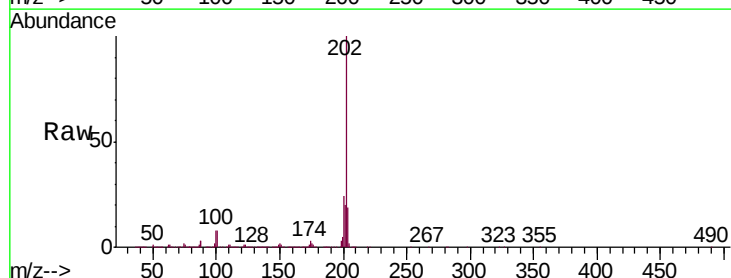
RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

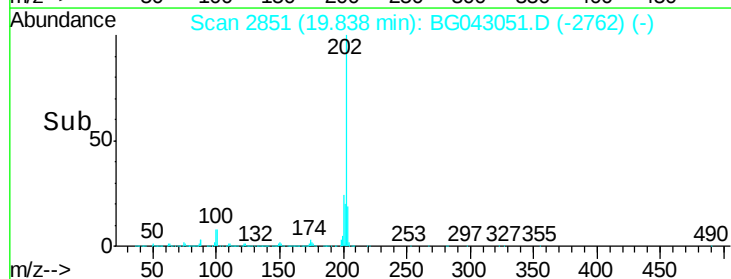
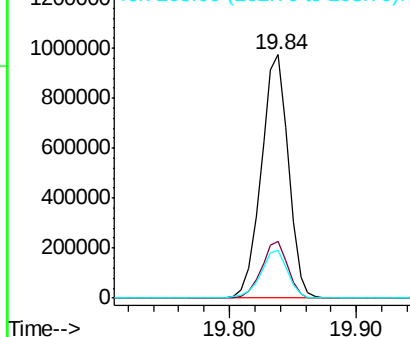
Lab File: BG043051.D

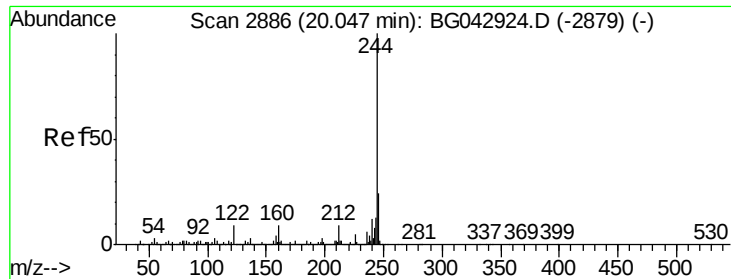
Acq: 5 Oct 2019 12:21

Tgt Ion:	202	Resp:	1447153
Ion Ratio	Lower	Upper	
202	100		
200	23.5	17.6	26.4
203	19.5	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.119 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

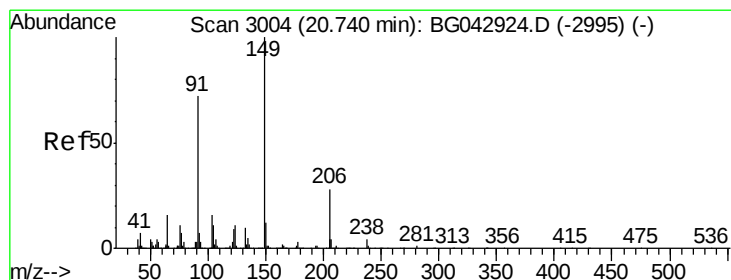
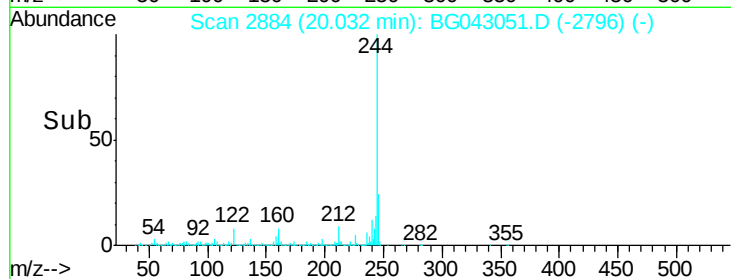
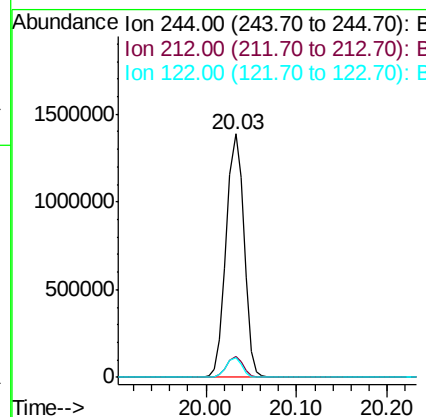
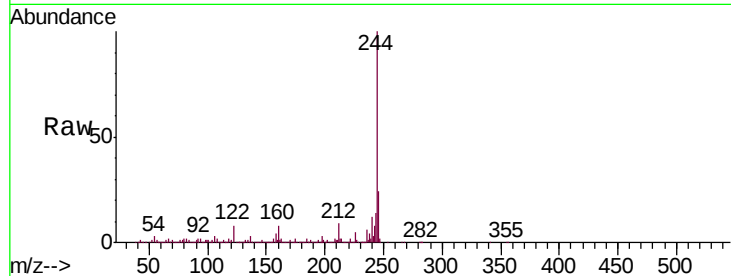
ClientSampleId :

PB123649BS

Tgt Ion:	244	Resp:	1889297
Ion Ratio	Lower	Upper	
244	100		
212	8.8	7.4	11.0
122	8.0	7.0	10.4

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



#80

Butylbenzylphthalate

Concen: 42.401 ng

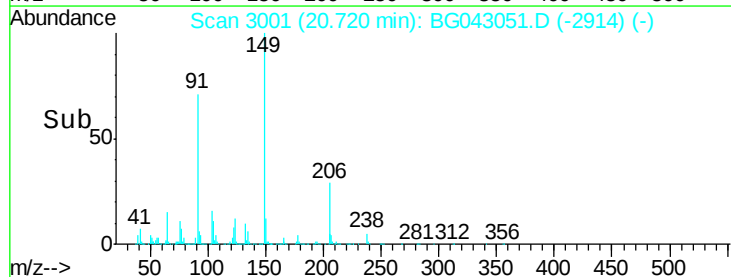
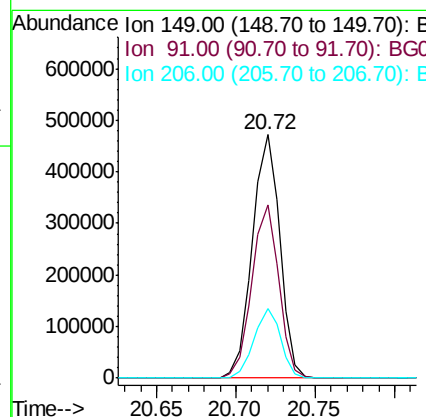
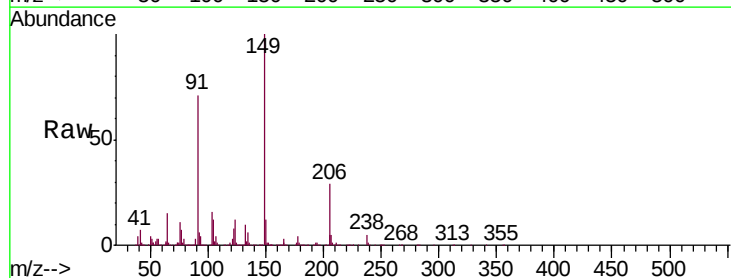
RT: 20.72 min Scan# 3001

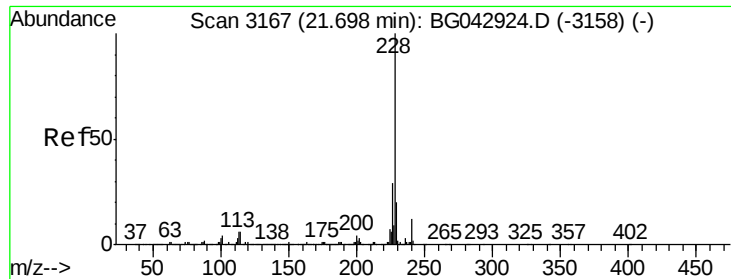
Delta R.T. -0.02 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:	149	Resp:	567732
Ion Ratio	Lower	Upper	
149	100		
91	71.3	57.7	86.5
206	28.8	22.6	33.8





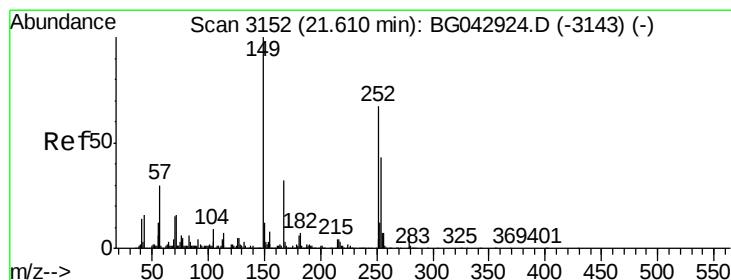
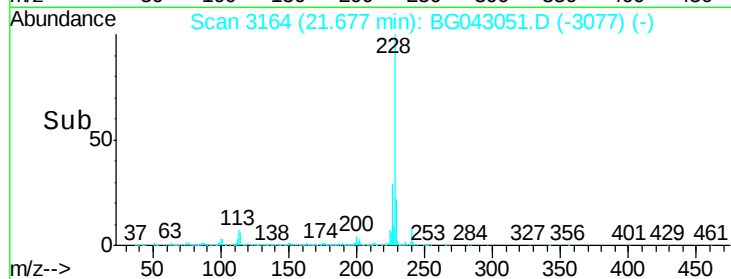
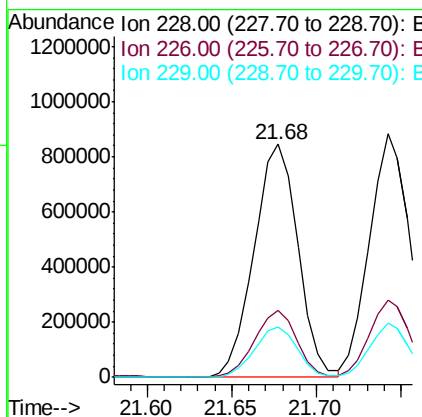
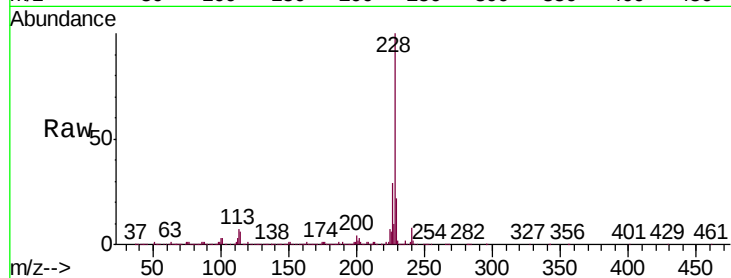
#81
Benzo(a)anthracene
Concen: 41.536 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	21.7	16.3	24.5

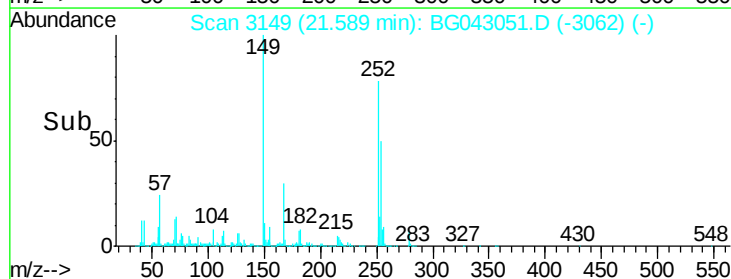
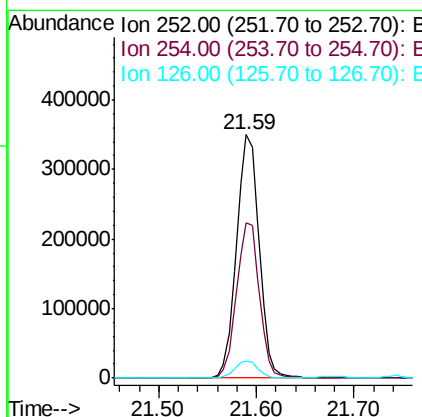
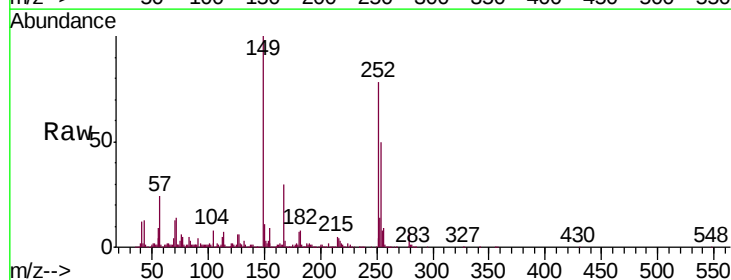
Manual Integrations
APPROVED

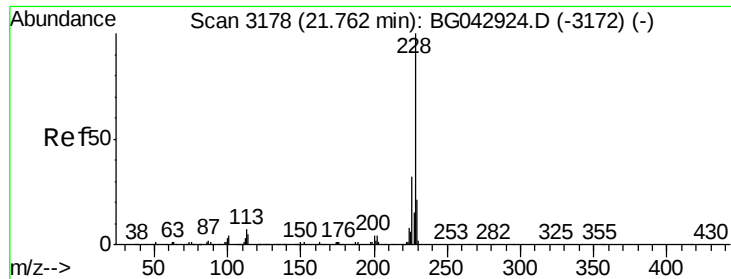
mohammad
10/7/2019 4:39:00 PM



#82
3,3'-Dichlorobenzidine
Concen: 39.274 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.9	77.9
126	7.2	6.1	9.1





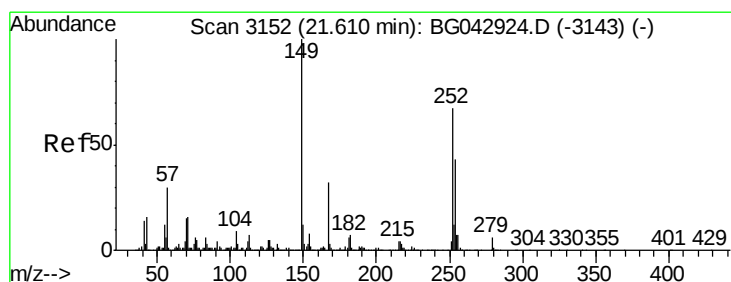
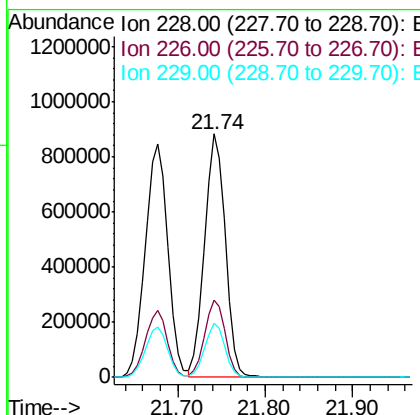
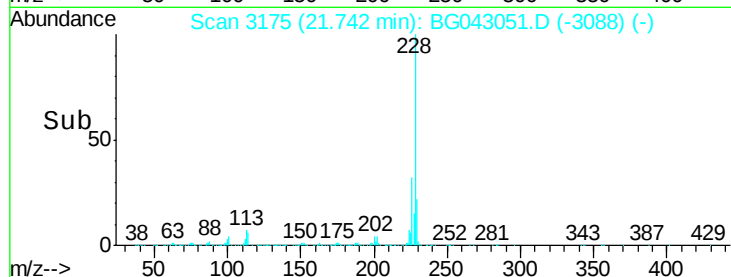
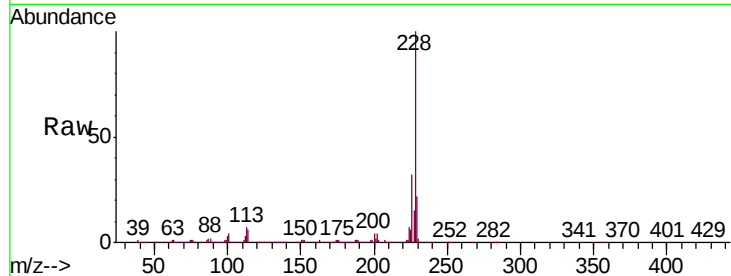
#83
 Chrysene
 Concen: 40.867 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :
 PB123649BS

Tgt Ion: 228 Resp: 1460423
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.6 38.4
 229 22.1 16.9 25.3

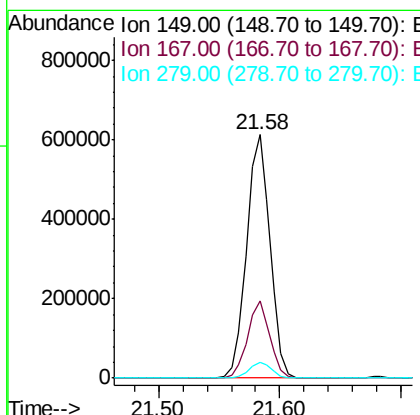
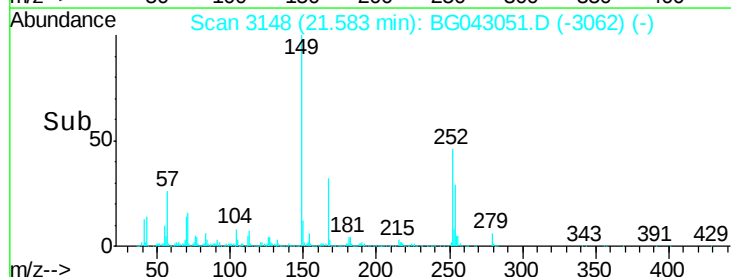
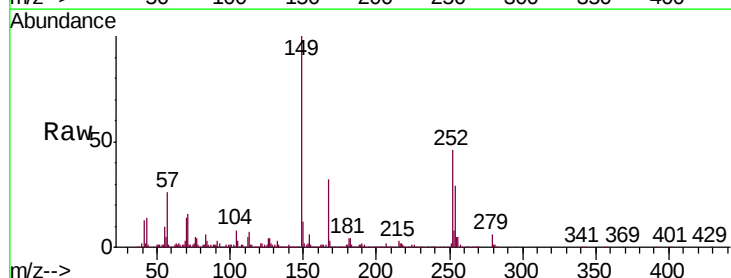
Manual Integrations
 APPROVED

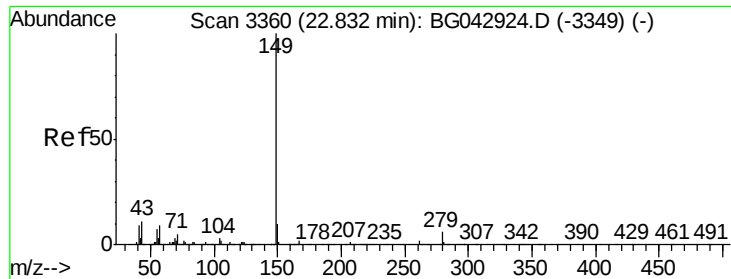
mohammad
 10/7/2019 4:39:00 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.462 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.03 min
 Lab File: BG043051.D
 Acq: 5 Oct 2019 12:21

Tgt Ion: 149 Resp: 828051
 Ion Ratio Lower Upper
 149 100
 167 31.7 25.4 38.2
 279 6.3 5.1 7.7





#85

Di-n-octyl phthalate

Concen: 43.934 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.04 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

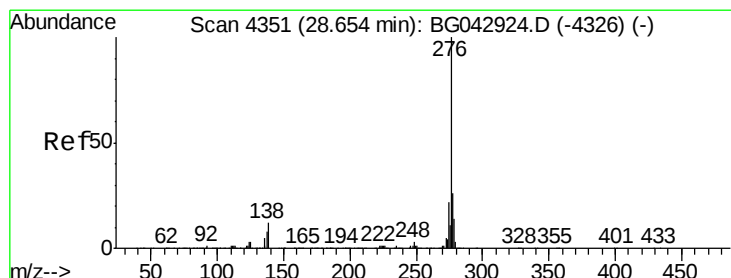
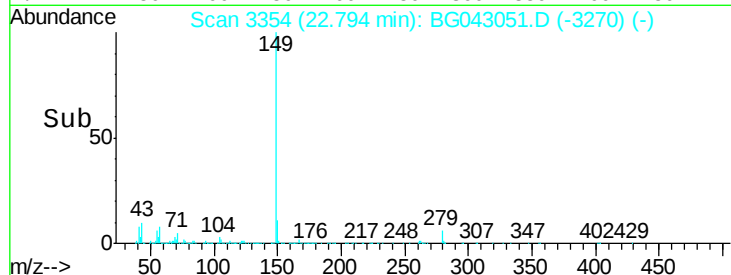
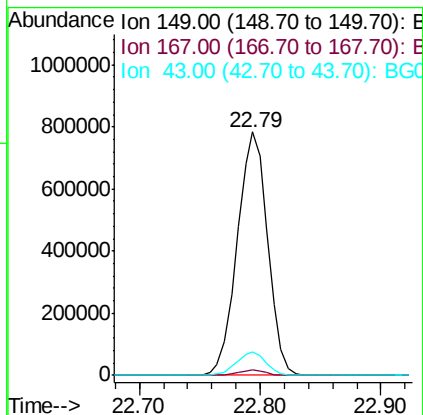
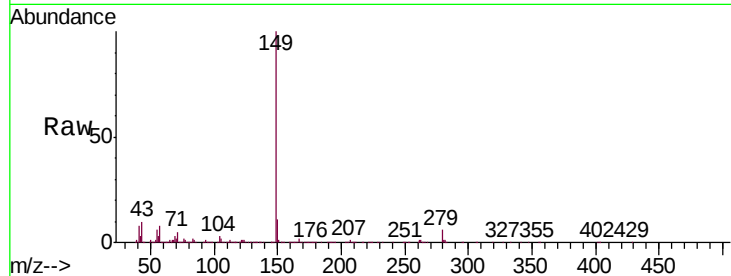
ClientSampled :

PB123649BS

Tgt Ion:	149	Resp:	1368745
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	9.4	8.7	13.1

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.347 ng

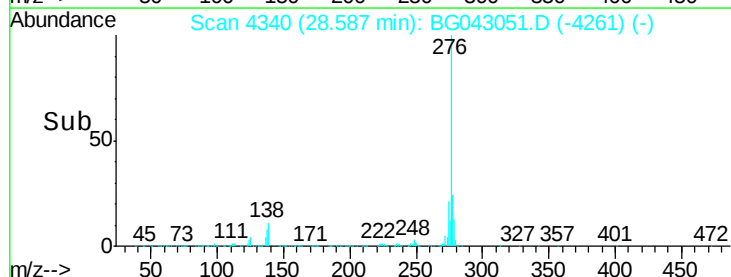
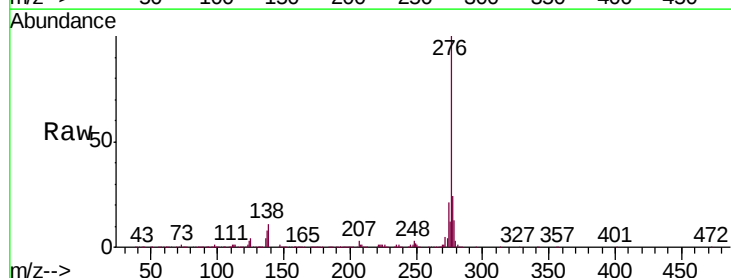
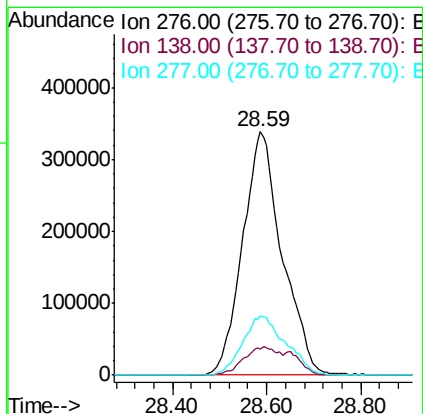
RT: 28.59 min Scan# 4340

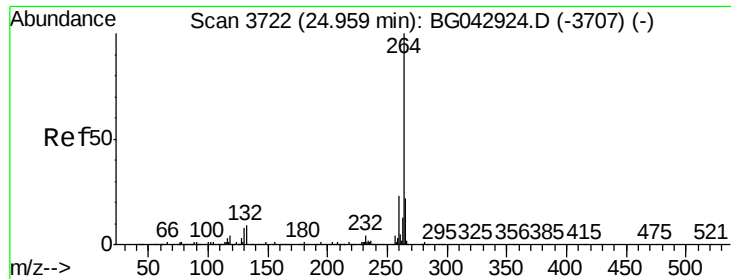
Delta R.T. -0.07 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:	276	Resp:	1972913
Ion Ratio	Lower	Upper	
276	100		
138	10.4	7.0	10.6
277	26.5	20.9	31.3





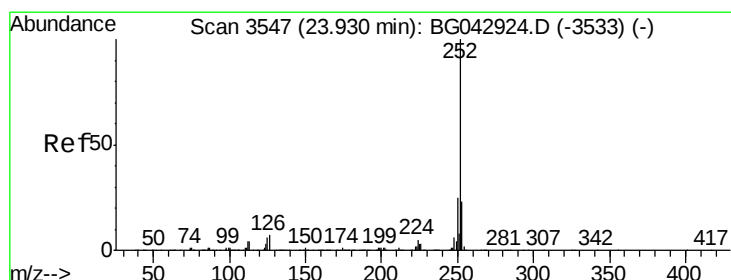
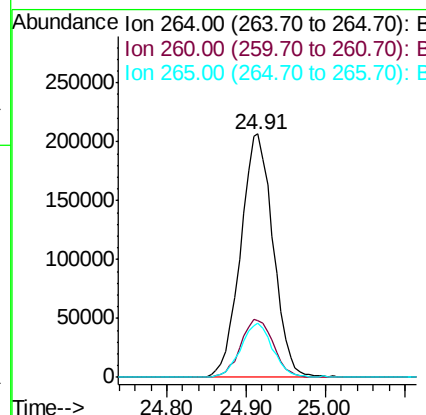
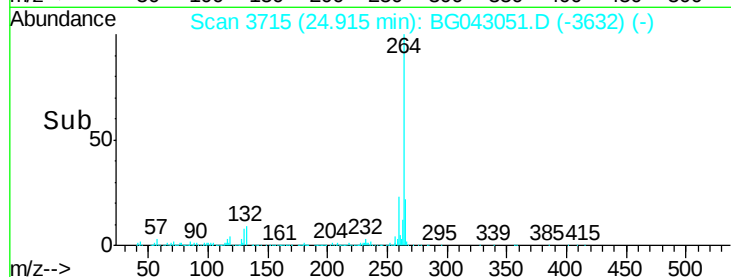
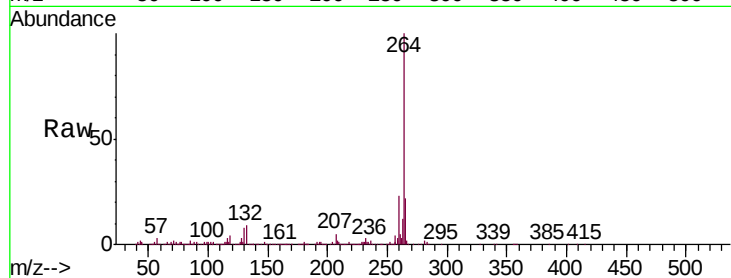
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampled :
PB123649BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.2	17.7	26.5

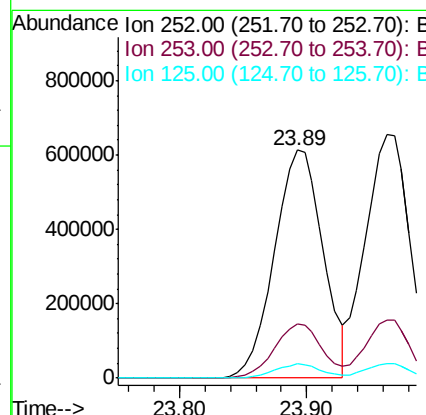
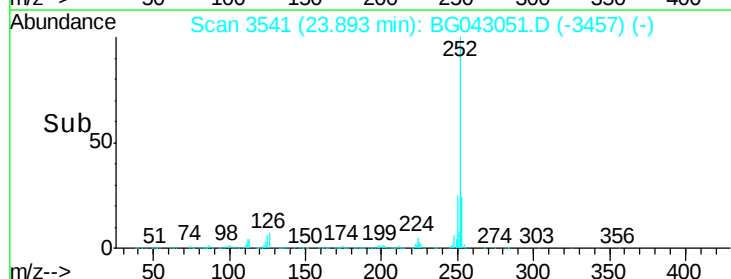
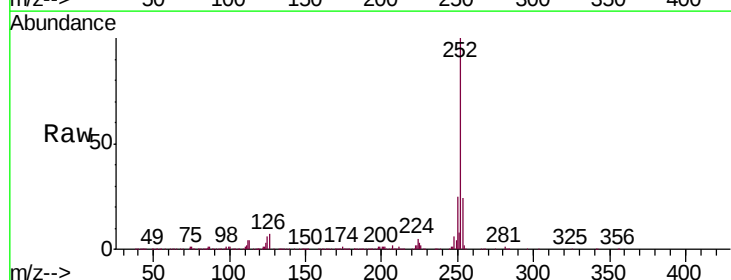
Manual Integrations
APPROVED

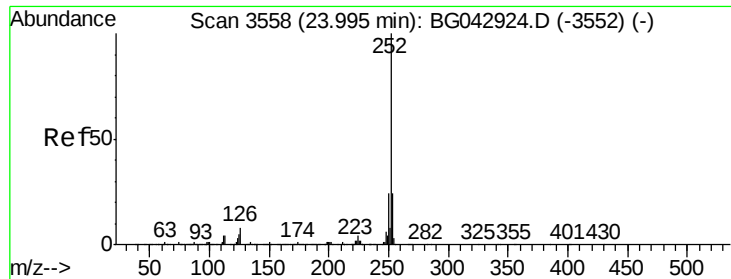
mohammad
10/7/2019 4:39:00 PM



#88
Benzo(b)fluoranthene
Concen: 49.251 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.04 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	6.1	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 48.635 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Instrument :

BNA_G

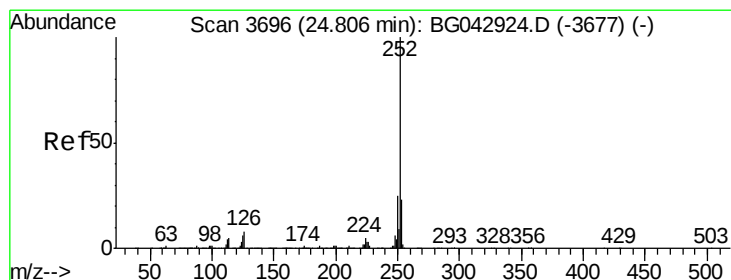
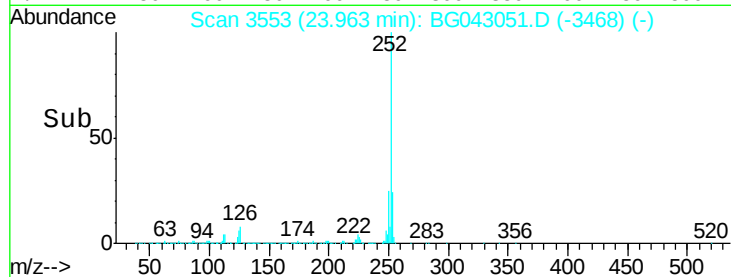
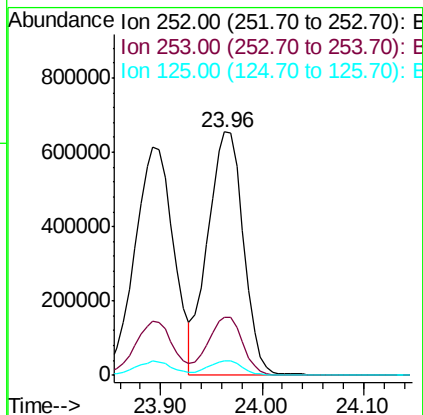
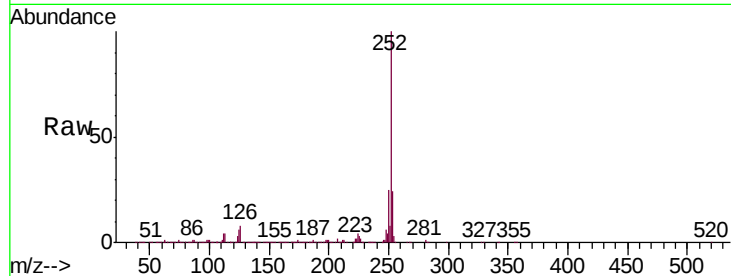
ClientSampleId :

PB123649BS

Tgt Ion:	252	Resp:	1596487
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.9	28.3
125	5.7	4.5	6.7

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



#90

Benzo(a)pyrene

Concen: 50.531 ng

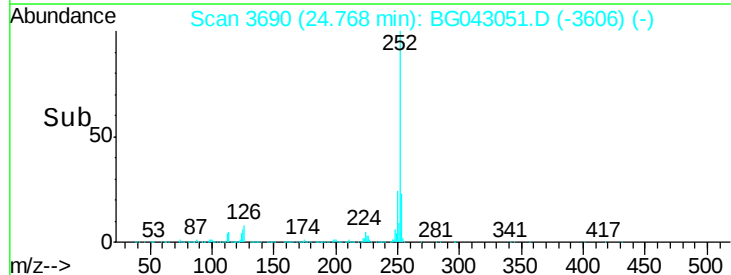
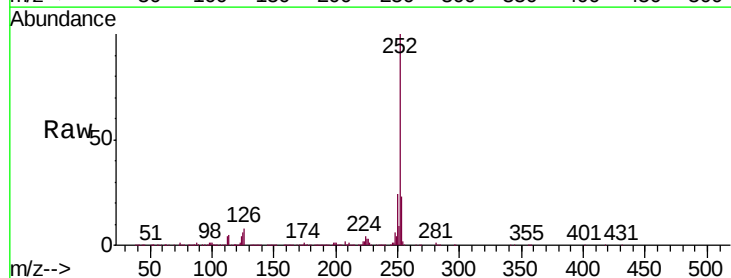
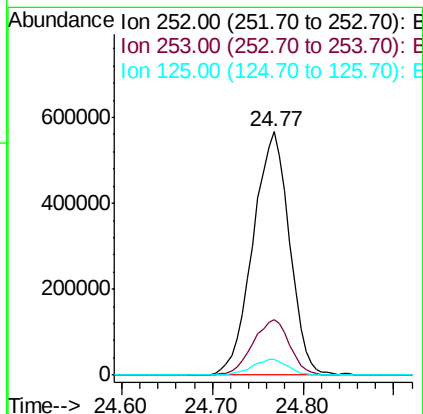
RT: 24.77 min Scan# 3690

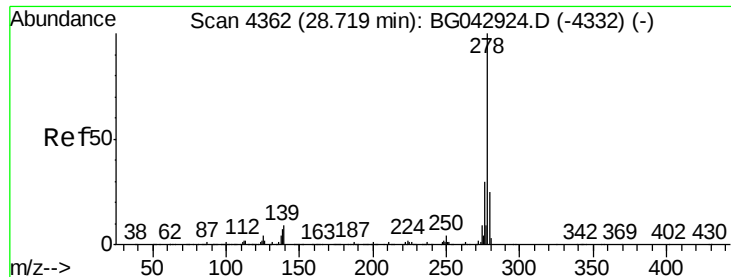
Delta R.T. -0.04 min

Lab File: BG043051.D

Acq: 5 Oct 2019 12:21

Tgt Ion:	252	Resp:	1581905
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.4
125	6.3	5.0	7.6





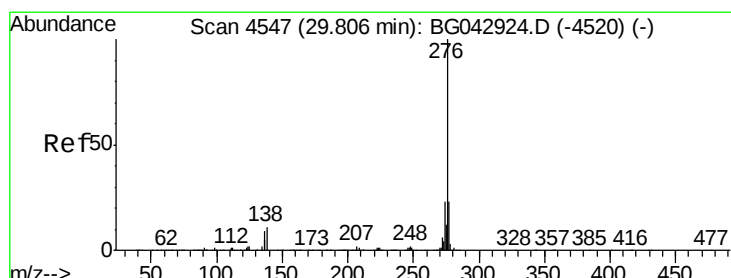
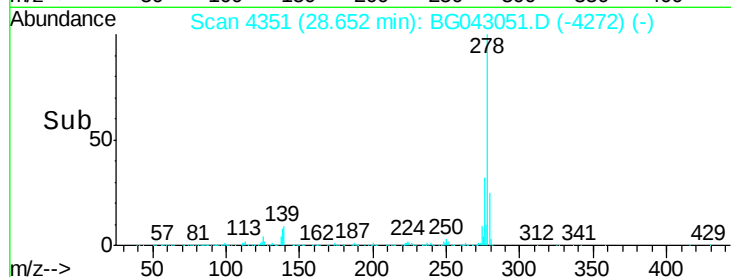
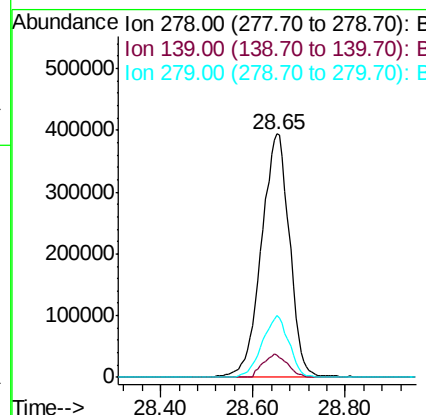
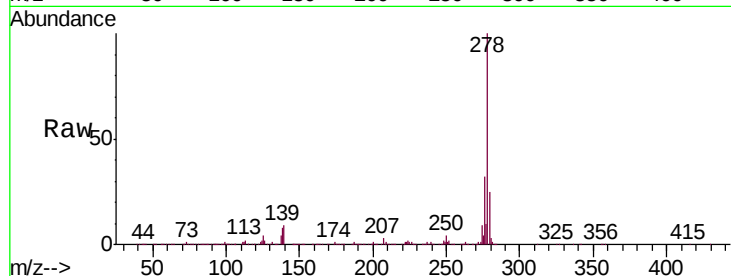
#91
Dibenzo(a,h)anthracene
Concen: 51.970 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.07 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Instrument :
BNA_G
ClientSampleId :
PB123649BS

Tgt Ion:278 Resp: 1668304
Ion Ratio Lower Upper
278 100
139 9.0 6.8 10.2
279 25.4 20.1 30.1

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:00 PM



#92
Benzo(g,h,i)perylene
Concen: 52.179 ng
RT: 29.74 min Scan# 4537
Delta R.T. -0.06 min
Lab File: BG043051.D
Acq: 5 Oct 2019 12:21

Tgt Ion:276 Resp: 1622942
Ion Ratio Lower Upper
276 100
277 25.1 18.4 27.6
138 12.1 8.6 12.8

