

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041113.D
 Acq On : 8 Jun 2019 00:57
 Operator : HP/JU
 Sample : PB120393BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Manual Integrations
 APPROVED

mohammad
 6/11/2019 8:54:31 AM

Quant Time: Jun 08 18:07:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	38455	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	163889	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	124404	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	310071	20.00	ng	0.00
76) Chrysene-d12	21.76	240	311372	20.00	ng	0.00
87) Perylene-d12	25.09	264	331456	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	308008	144.43	ng	0.00
7) Phenol-d6	7.25	99	439980	133.59	ng	0.00
23) Nitrobenzene-d5	9.29	82	298168	80.77	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	235718	127.63	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	725316	83.96	ng	0.00
79) Terphenyl-d14	20.07	244	1274617	86.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	37901	39.165	ng	92
3) Pyridine	3.90	79	111637	38.987	ng	99
4) n-Nitrosodimethylamine	3.83	42	60147	45.259	ng	# 92
6) Aniline	7.43	93	136623	31.078	ng	99
8) 2-Chlorophenol	7.66	128	125998	49.558	ng	98
9) Benzaldehyde	7.24	77	40293	20.508	ng	95
10) Phenol	7.28	94	174157	49.317	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	112610	43.957	ng	98
12) 1,3-Dichlorobenzene	7.99	146	131680	43.364	ng	97
13) 1,4-Dichlorobenzene	8.14	146	133485	43.428	ng	97
14) 1,2-Dichlorobenzene	8.46	146	127711	42.793	ng	99
15) Benzyl Alcohol	8.35	79	144084	47.292	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	177906	42.499	ng	95
17) 2-Methylphenol	8.54	107	123601	48.341	ng	98
18) Hexachloroethane	9.19	117	50546	42.667	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	110853	43.736	ng	98
20) 3+4-Methylphenols	8.87	107	170064	48.017	ng	94
22) Acetophenone	8.93	105	211855	46.082	ng	98
24) Nitrobenzene	9.33	77	173442	46.101	ng	98
25) Isophorone	9.84	82	317300	45.163	ng	99
26) 2-Nitrophenol	10.04	139	78275	50.469	ng	94
27) 2,4-Dimethylphenol	10.08	122	135198	52.781	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	166347	43.869	ng	99
29) 2,4-Dichlorophenol	10.57	162	155013	47.655	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	158299	42.779	ng	98
31) Naphthalene	10.98	128	396249	45.032	ng	99
32) Benzoic acid	10.22	122	86185	44.072	ng	# 90
33) 4-Chloroaniline	11.09	127	87973	21.547	ng	99
34) Hexachlorobutadiene	11.24	225	116424	41.120	ng	98
35) Caprolactam	11.88	113	49306m	45.902	ng	
36) 4-Chloro-3-methylphenol	12.19	107	178356	48.011	ng	98
37) 2-Methylnaphthalene	12.58	142	309920	45.730	ng	97
38) 1-Methylnaphthalene	12.79	142	295584	46.284	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	227462	45.364	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041113.D
 Acq On : 8 Jun 2019 00:57
 Operator : HP/JU
 Sample : PB120393BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB120393BS

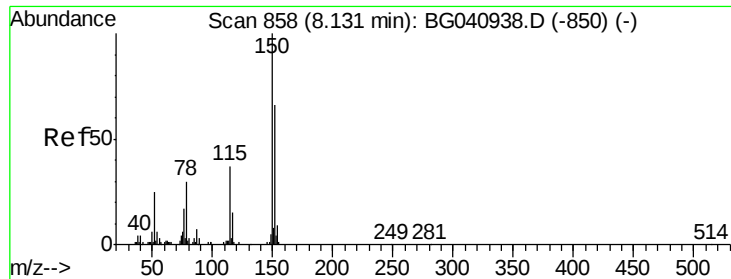
Manual Integrations
 APPROVED

mohammad
 6/11/2019 8:54:31 AM

Quant Time: Jun 08 18:07:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	296557	106.935	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	151101	46.583	nq	96
44) 2,4,5-Trichlorophenol	13.25	196	157513	46.044	nq	97
46) 1,1'-Biphenyl	13.58	154	430458	46.745	nq	99
47) 2-Chloronaphthalene	13.62	162	351291	44.436	nq	98
48) 2-Nitroaniline	13.83	65	127766	45.050	nq	97
49) Acenaphthylene	14.46	152	553834	46.548	nq	97
50) Dimethylphthalate	14.19	163	466773	44.324	nq	99
51) 2,6-Dinitrotoluene	14.32	165	105997	46.683	nq	97
52) Acenaphthene	14.80	154	323103	44.827	nq	98
53) 3-Nitroaniline	14.65	138	69109	30.438	nq	95
54) 2,4-Dinitrophenol	14.86	184	137320	103.282	nq	99
55) Dibenzofuran	15.14	168	561834	46.324	nq	98
56) 4-Nitrophenol	14.94	139	156900	100.749	nq	98
57) 2,4-Dinitrotoluene	15.10	165	148326	46.246	nq	99
58) Fluorene	15.78	166	436130	45.154	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.36	232	163731	48.702	nq	99
60) Diethylphthalate	15.54	149	478130	44.489	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	280543	44.686	nq	96
62) 4-Nitroaniline	15.81	138	103669	43.129	nq	98
63) Azobenzene	16.06	77	441134	45.162	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	90115	53.120	nq	96
66) n-Nitrosodiphenylamine	15.98	169	402050	46.125	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	181052	43.267	nq	92
68) Hexachlorobenzene	16.78	284	189992	42.639	nq	97
69) Atrazine	16.92	200	171310	50.935	nq	98
70) Pentachlorophenol	17.12	266	225061	93.526	nq	97
71) Phenanthrene	17.52	178	756602	46.845	nq	99
72) Anthracene	17.62	178	765094	48.030	nq	100
73) Carbazole	17.89	167	658517	48.179	nq	98
74) Di-n-butylphthalate	18.42	149	775851	45.671	nq	99
75) Fluoranthene	19.53	202	959583	48.101	nq	99
77) Benzidine	19.71	184	362579	48.813	nq	99
78) Pyrene	19.89	202	963061	47.579	nq	98
80) Butylbenzylphthalate	20.76	149	365079	46.347	nq	98
81) Benzo(a)anthracene	21.74	228	935672	45.143	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	215433	29.551	nq	98
83) Chrysene	21.81	228	923406	46.555	nq	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	498738	44.977	nq	98
85) Di-n-octyl phthalate	22.85	149	858817	46.504	nq	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1118339	46.028	nq	# 97
88) Benzo(b)fluoranthene	24.02	252	962891	47.896	nq	98
89) Benzo(k)fluoranthene	24.09	252	920098	46.250	nq	99
90) Benzo(a)pyrene	24.93	252	930104	48.492	nq	100
91) Dibenzo(a,h)anthracene	28.97	278	916166	47.803	nq	99
92) Benzo(g,h,i)perylene	30.11	276	926227	49.744	nq	98

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



#1

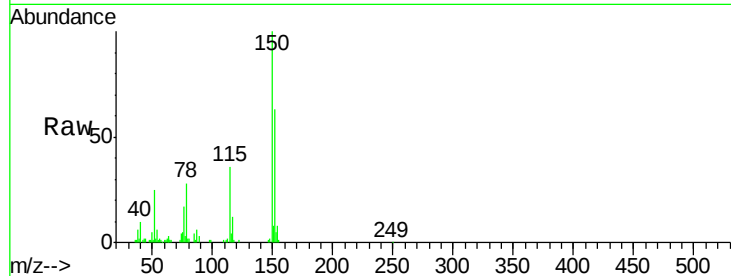
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	111.7	167.5
115	57.4	48.6	73.0

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM

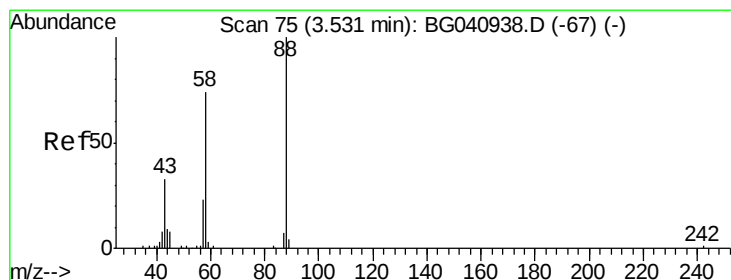
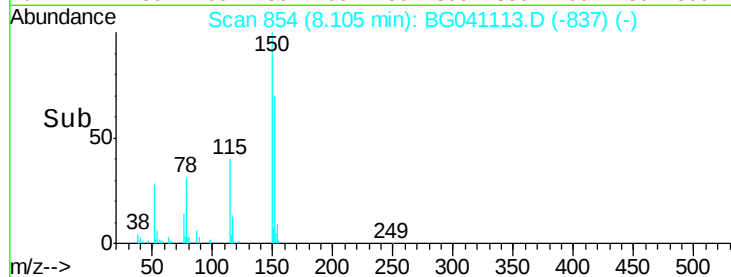
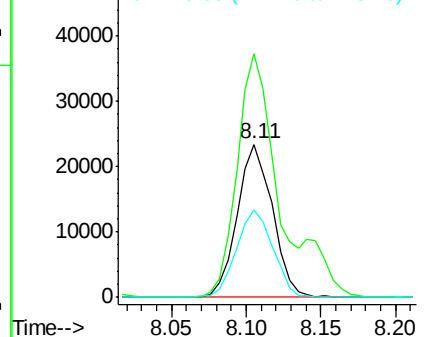


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

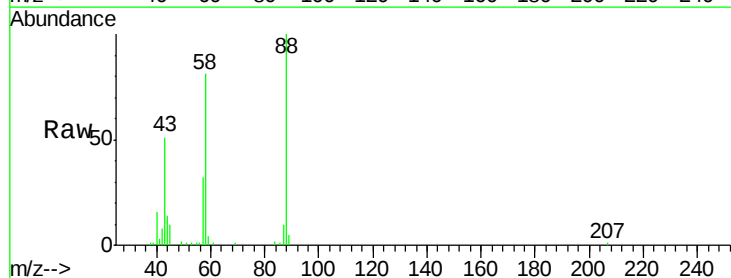
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.165 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	61.2	91.8
43	40.8	29.4	44.2

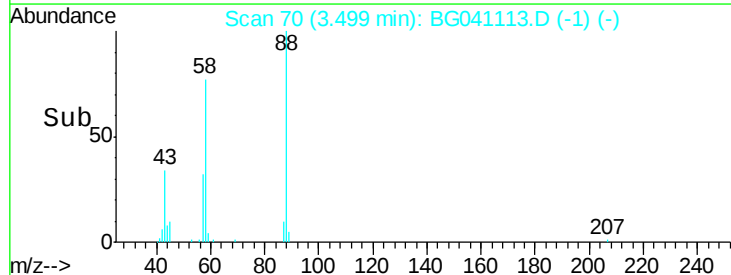
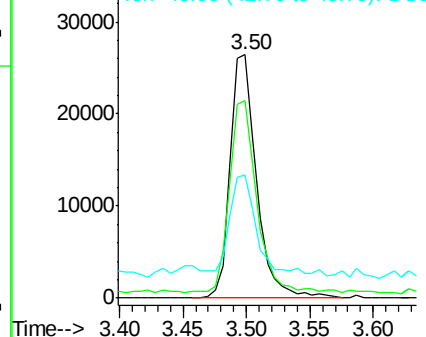


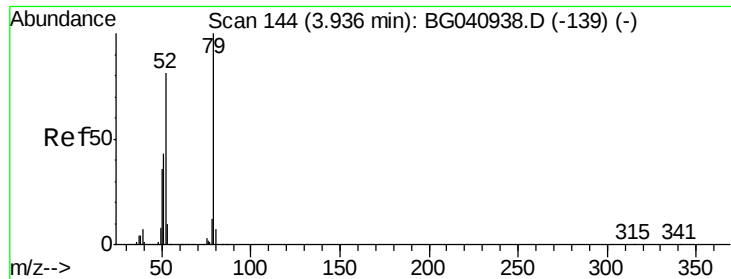
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





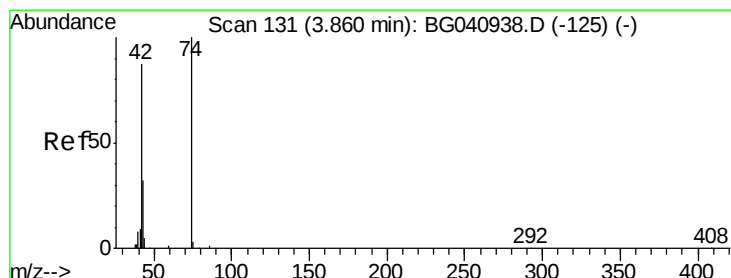
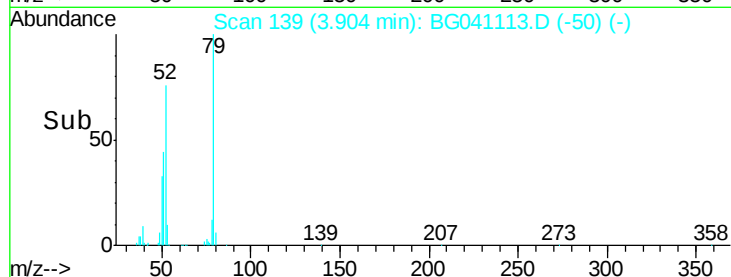
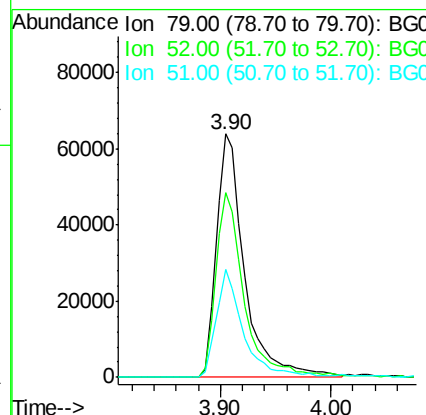
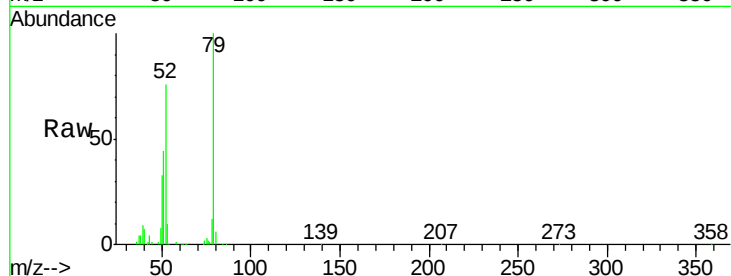
#3
 Pvridine
 Concen: 38.987 ng
 RT: 3.90 min Scan# 139
 Delta R.T. -0.01 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	76.1	61.8	92.6	
51	44.3	36.0	54.0	

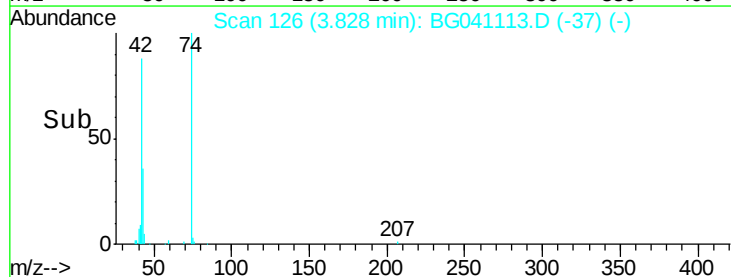
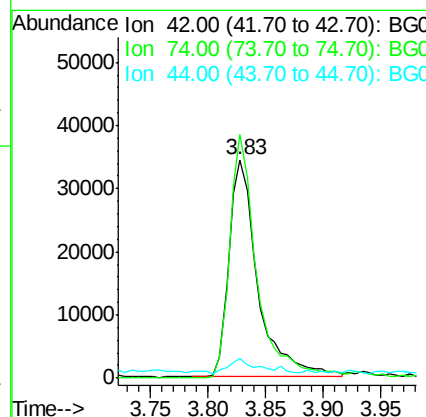
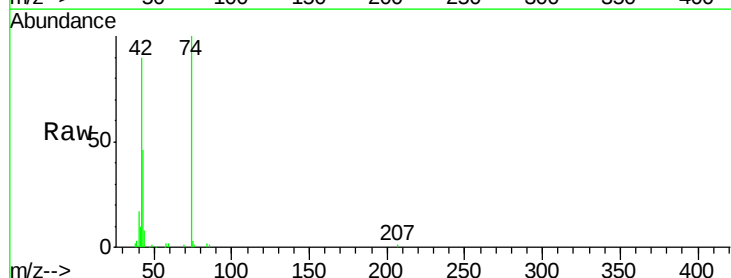
Manual Integrations
 APPROVED

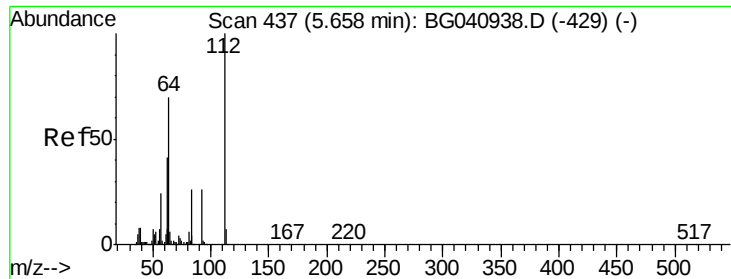
mohammad
 6/11/2019 8:54:31 AM



#4
 n-Nitrosodimethylamine
 Concen: 45.259 ng
 RT: 3.83 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	111.7	83.0	124.6	
44	9.1	6.0	9.0#	





#5

2-Fluorophenol

Concen: 144.429 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

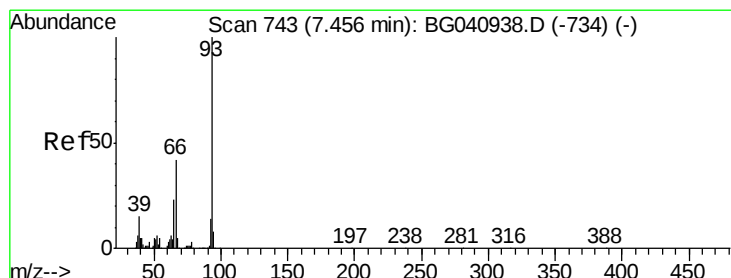
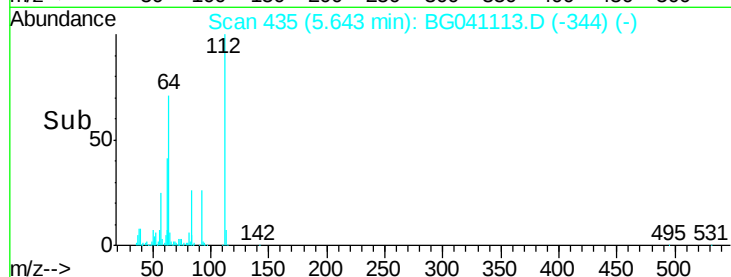
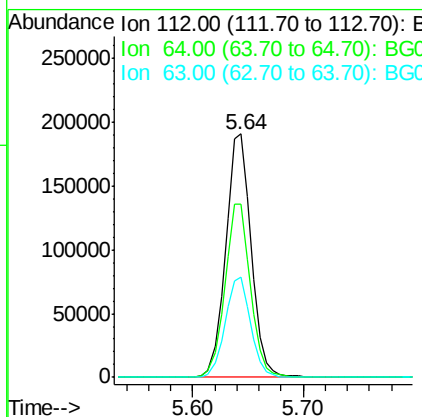
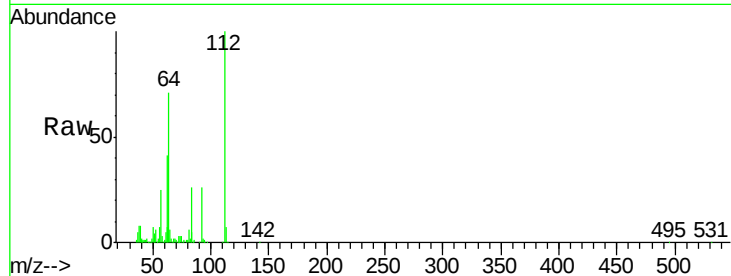
ClientSampled :

PB120393BS

Tot Ion:	112	Resp:	308008
Ion Ratio	Lower	Upper	
112	100		
64	71.2	54.5	81.7
63	41.0	32.2	48.2

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#6

Aniline

Concen: 31.078 ng

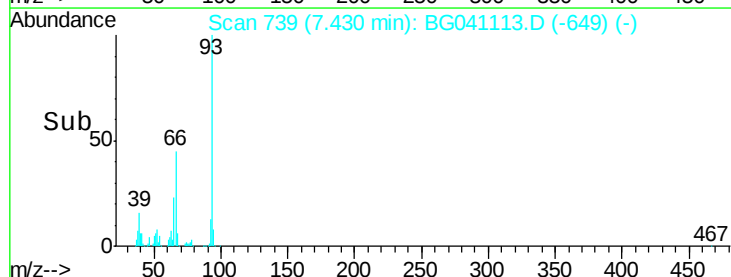
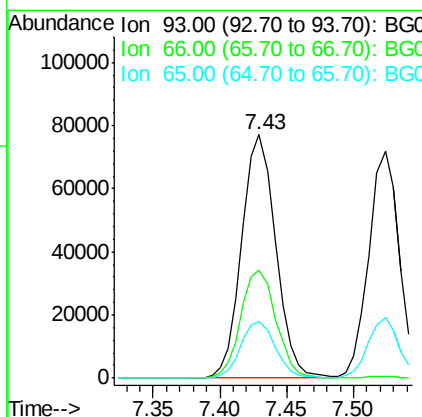
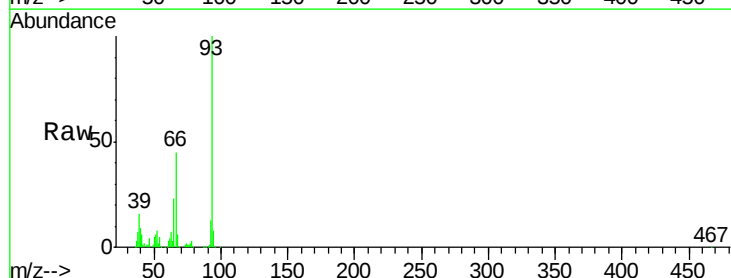
RT: 7.43 min Scan# 739

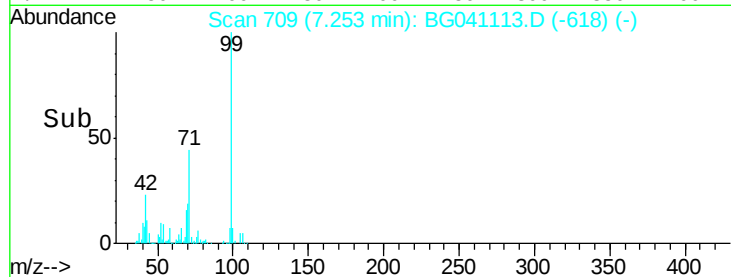
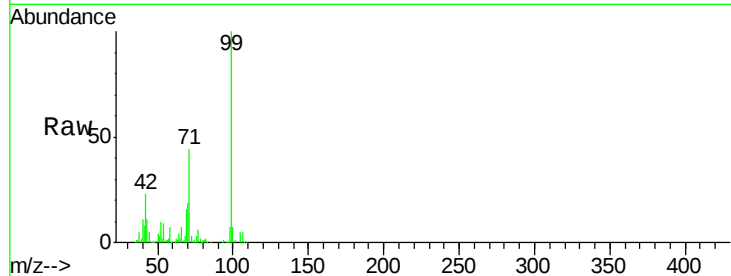
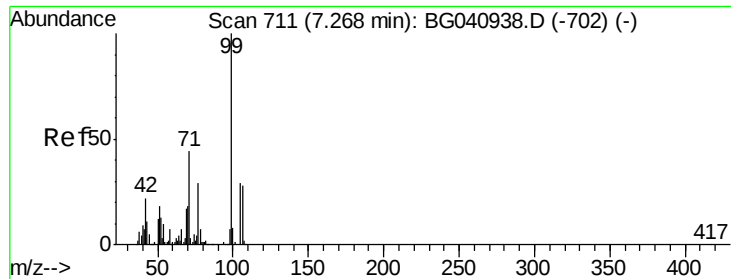
Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion:	93	Resp:	136623
Ion Ratio	Lower	Upper	
93	100		
66	44.5	35.8	53.8
65	23.1	19.0	28.4





#7

Phenol-d6

Concen: 133.588 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tot Ion:	99	Resp:	439980
Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.8	28.2
71	44.4	35.6	53.4

Instrument :

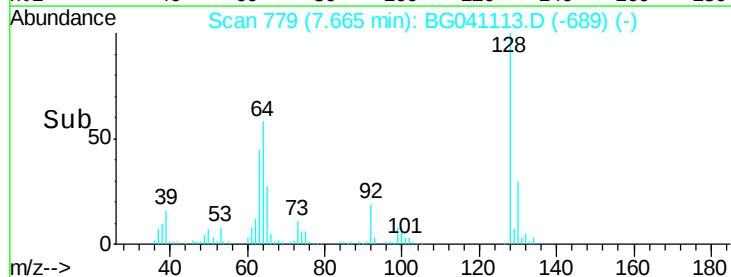
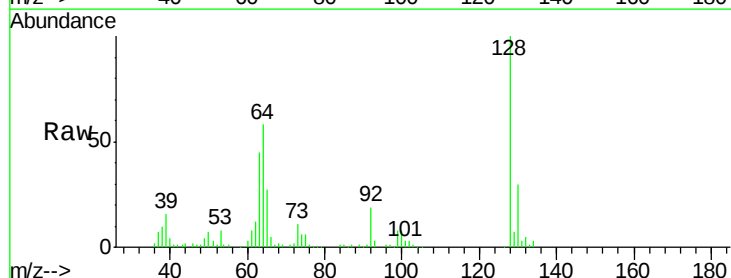
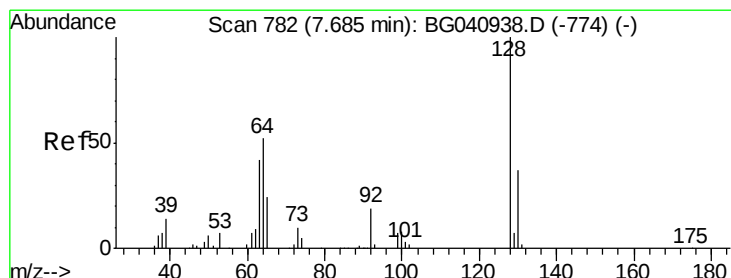
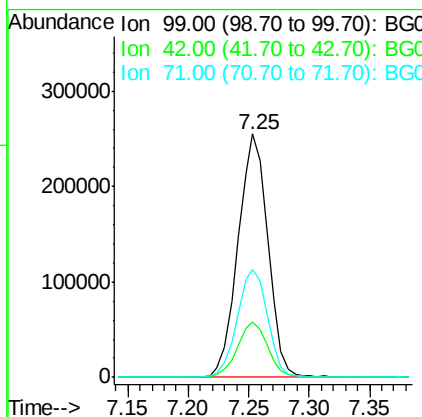
BNA_G

ClientSampleId :

PB120393BS

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#8

2-Chlorophenol

Concen: 49.558 ng

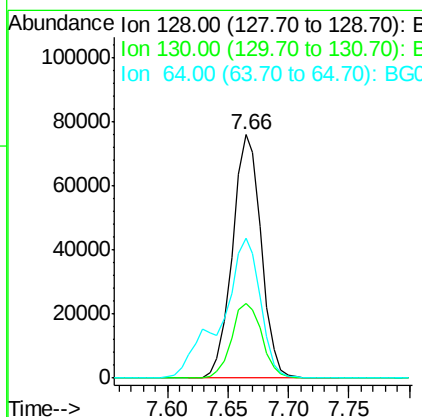
RT: 7.66 min Scan# 779

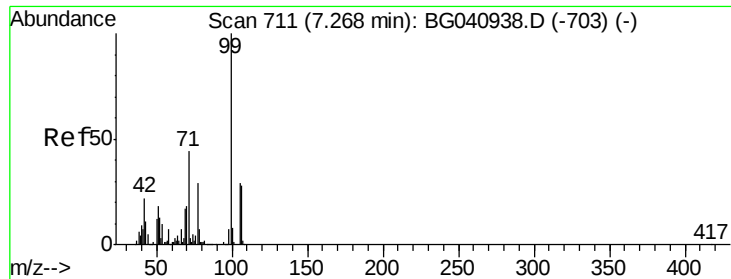
Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion:	128	Resp:	125998
Ion	Ratio	Lower	Upper
128	100		
130	30.5	10.8	50.8
64	57.7	36.1	76.1





#9

Benzaldehyde

Concen: 20.508 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

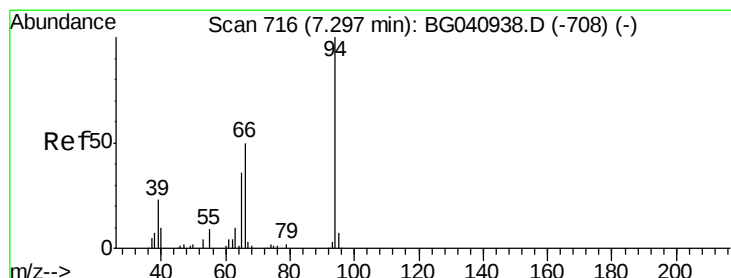
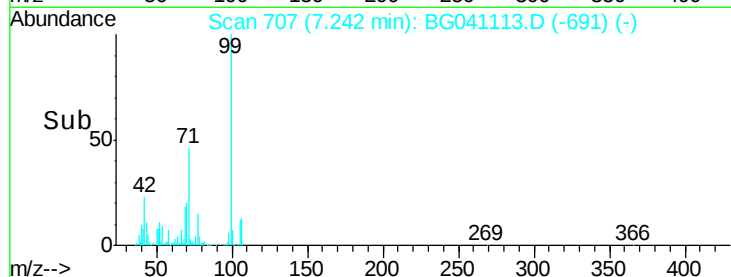
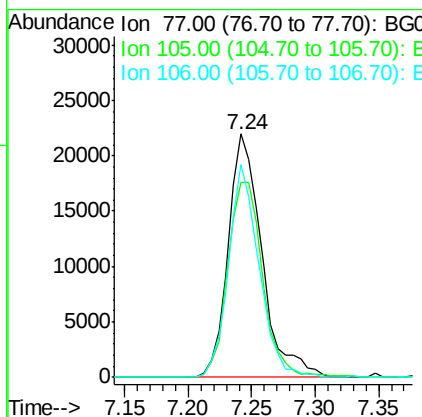
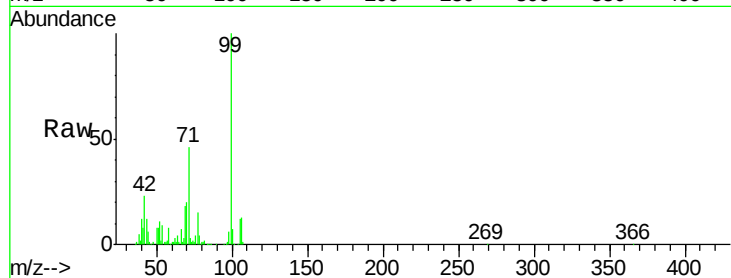
ClientSampleId :

PB120393BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	79.9	66.5	106.5
106	87.2	65.1	105.1

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#10

Phenol

Concen: 49.317 ng

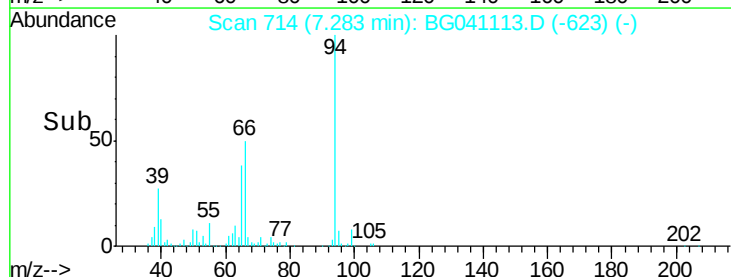
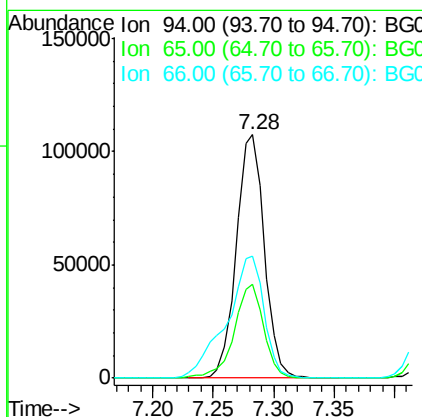
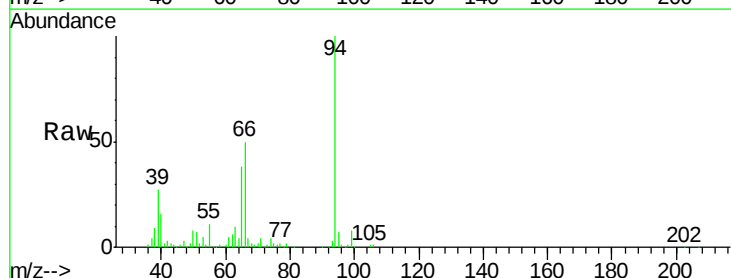
RT: 7.28 min Scan# 714

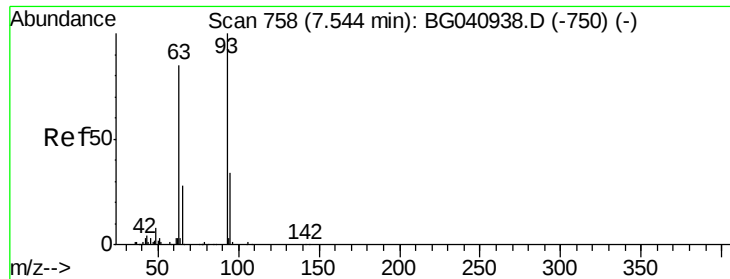
Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.3	14.7	54.7
66	50.0	28.7	68.7





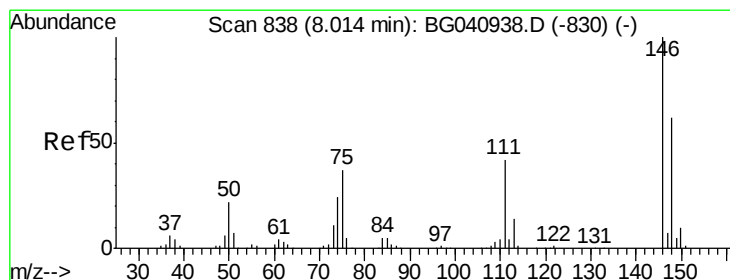
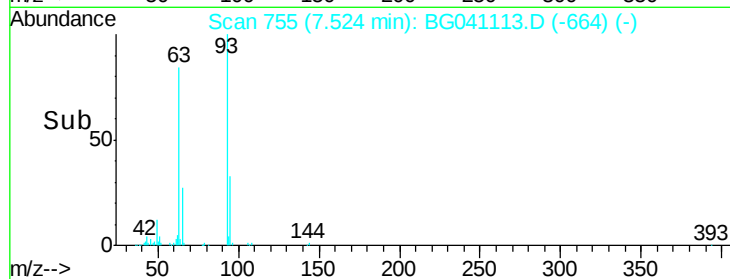
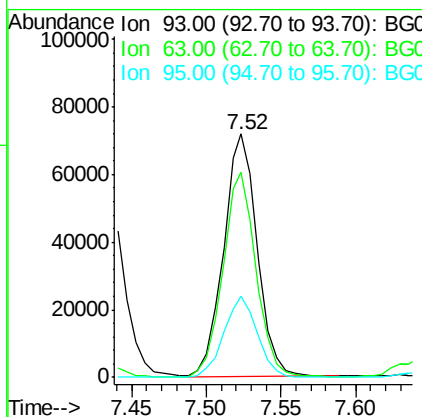
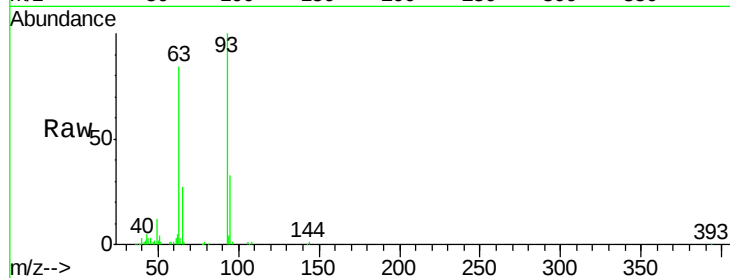
#11
bis(2-Chloroethyl)ether
Concen: 43.957 ng
RT: 7.52 min Scan# 755
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	84.5	65.0	105.0	
95	33.4	16.4	56.4	

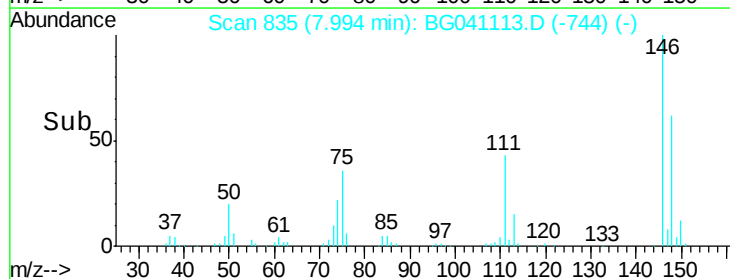
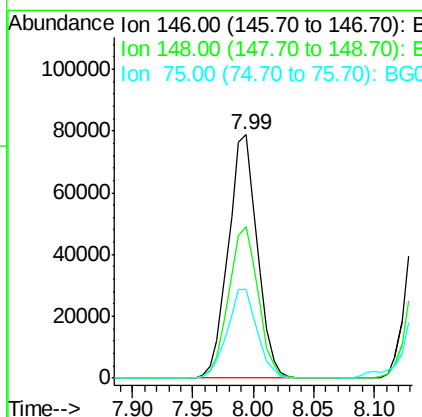
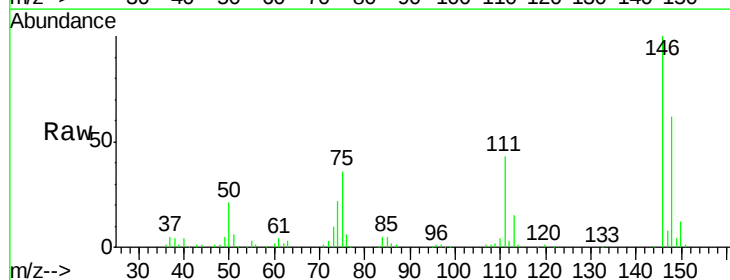
Manual Integrations
APPROVED

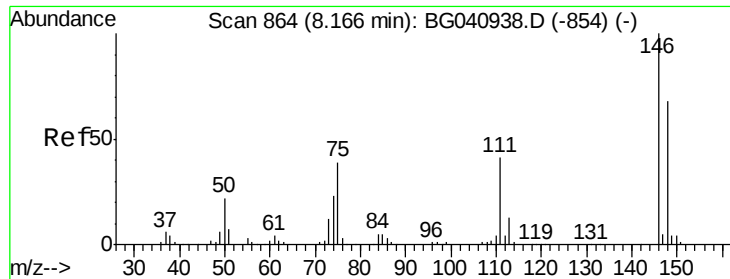
mohammad
6/11/2019 8:54:31 AM



#12
1,3-Dichlorobenzene
Concen: 43.364 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.4	47.7	71.5	
75	36.5	28.3	42.5	





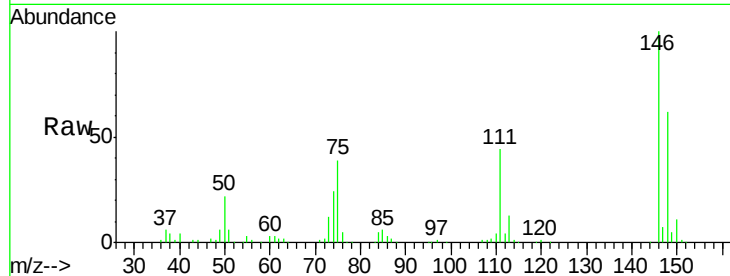
#13
 1,4-Dichlorobenzene
 Concen: 43.428 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.4	77.2
111	44.4	33.9	50.9

Manual Integrations
 APPROVED

mohammad
 6/11/2019 8:54:31 AM

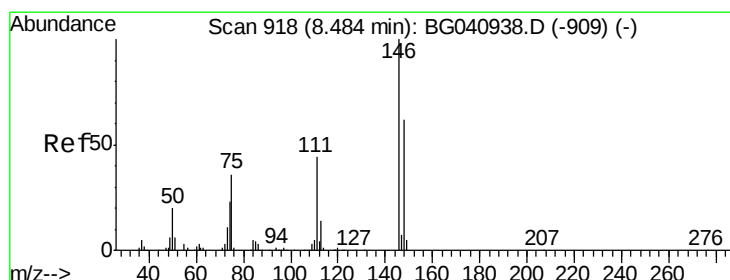
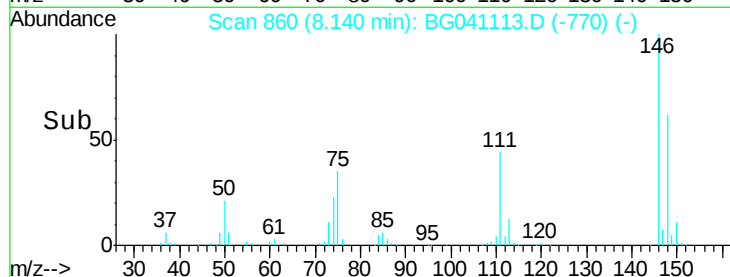
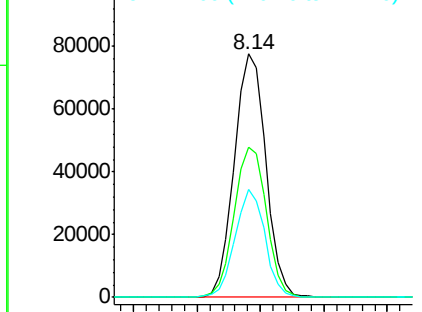


Abundance

Ion 146.00 (145.70 to 146.70): E

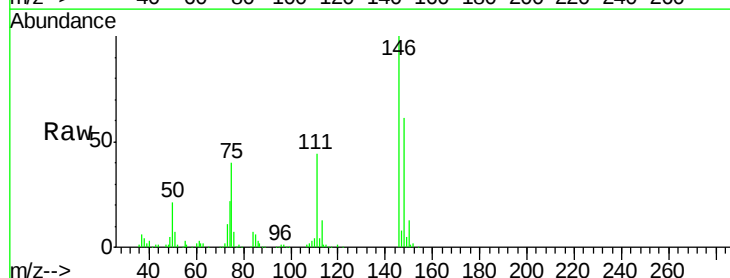
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.793 ng
 RT: 8.46 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	49.0	73.6
111	44.4	36.5	54.7

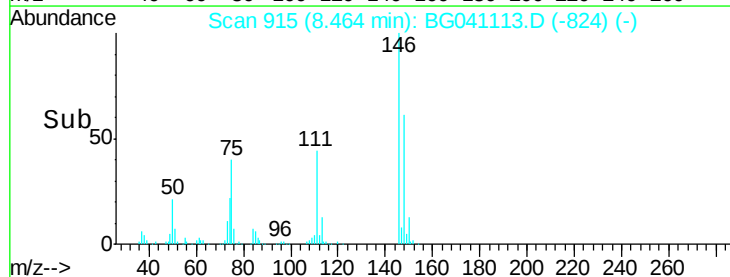
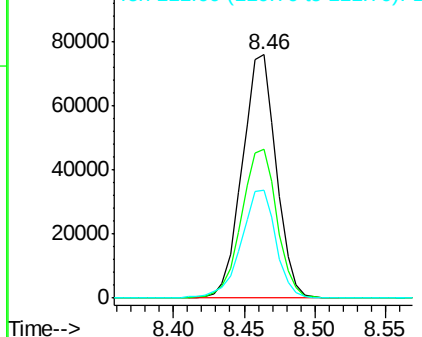


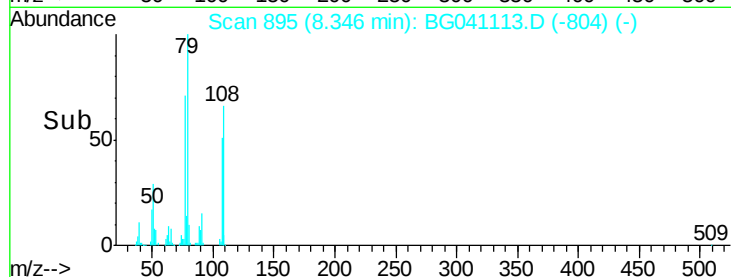
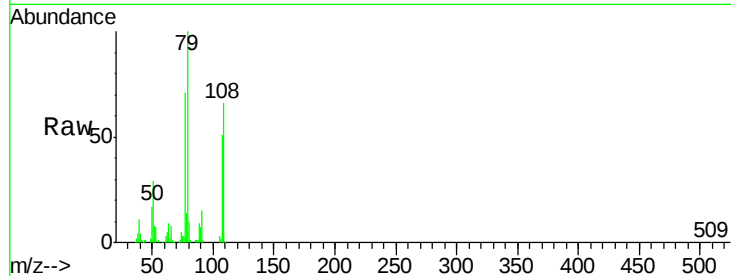
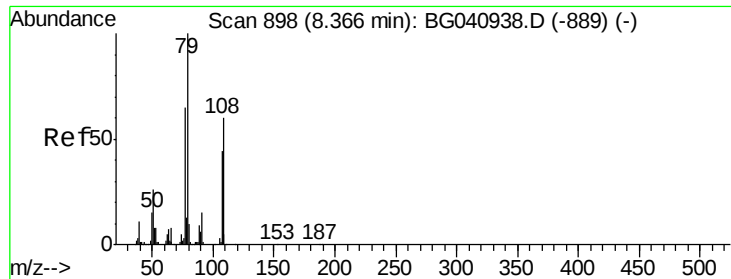
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





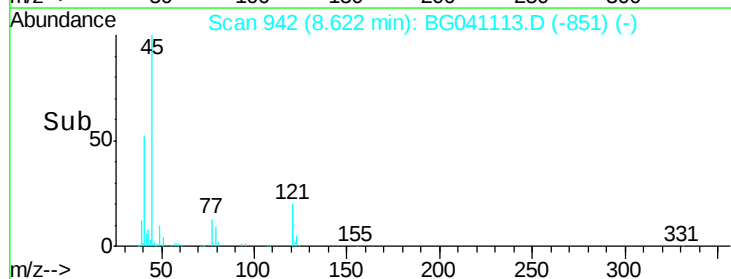
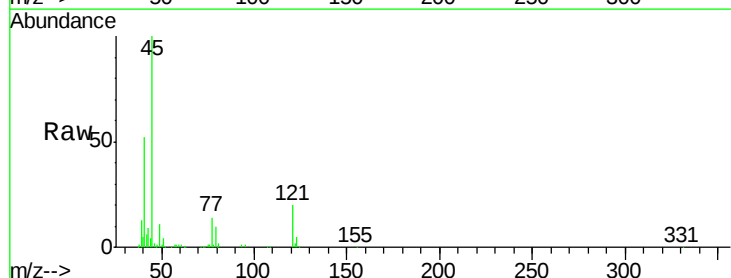
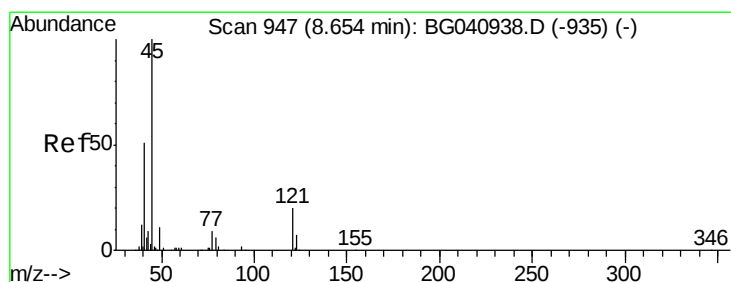
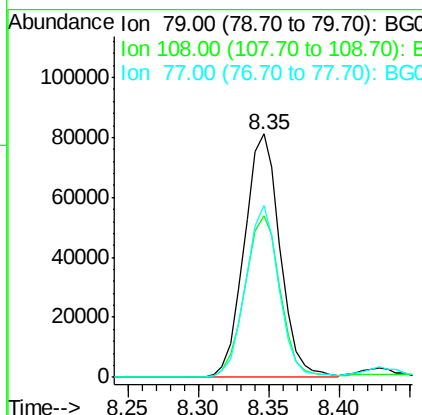
#15
Benzyl Alcohol
Concen: 47.292 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.5	52.9	79.3
77	70.5	53.7	80.5

Instrument :
BNA_G
ClientSampleID :
PB120393BS

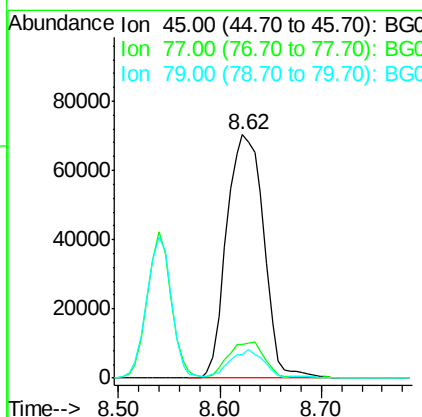
Manual Integrations
APPROVED

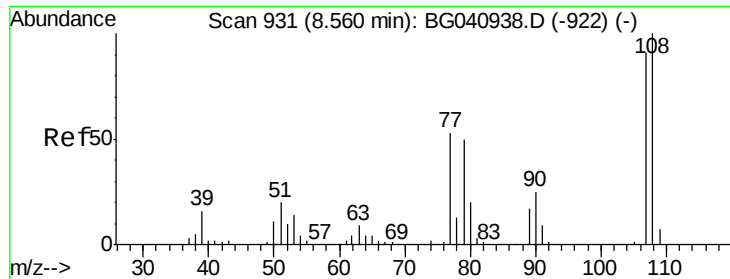
mohammad
6/11/2019 8:54:31 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.499 ng
RT: 8.62 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	36.1
79	9.8	0.0	31.5





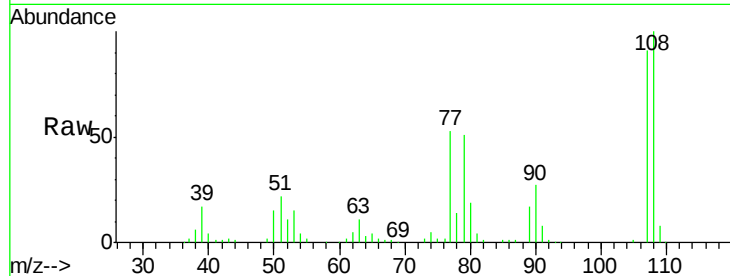
#17
2-Methylphenol
Concen: 48.341 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	89.1	133.7	
77	58.7	48.6	72.8	
79	56.5	44.3	66.5	

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



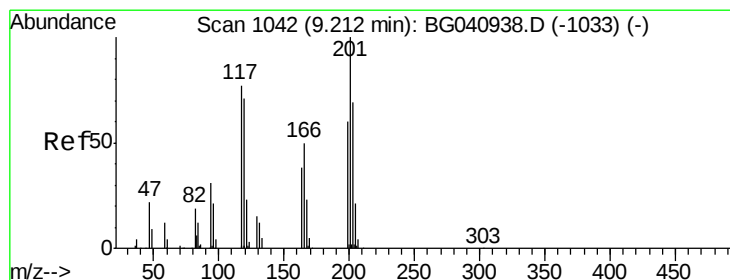
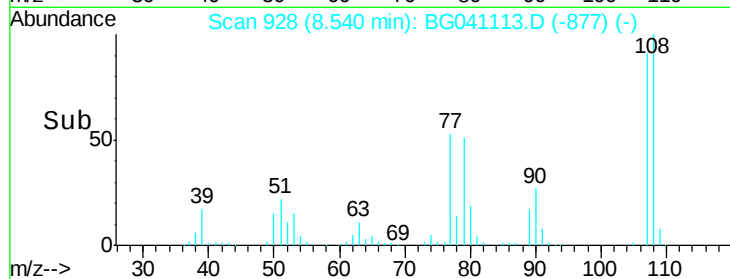
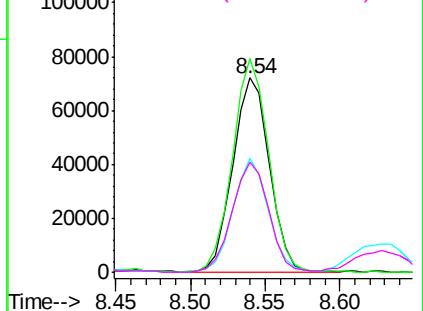
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

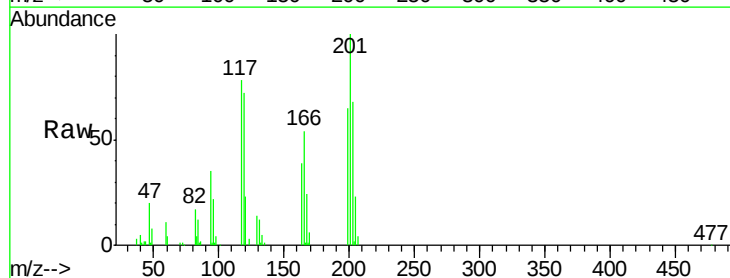
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.667 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.1	74.8	112.2	
201	128.8	98.5	147.7	

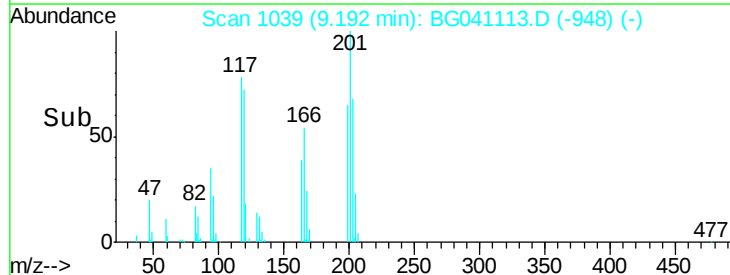
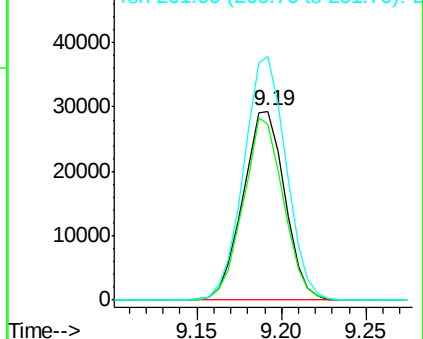


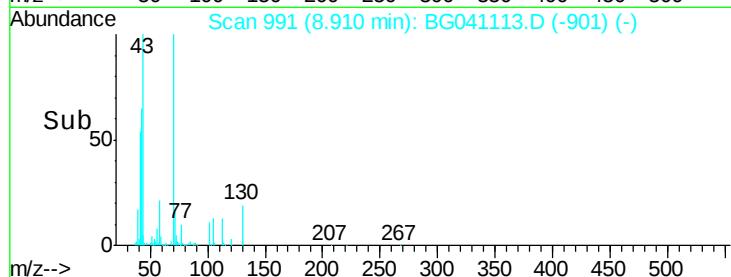
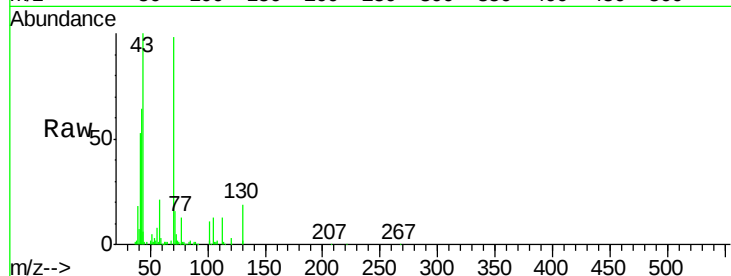
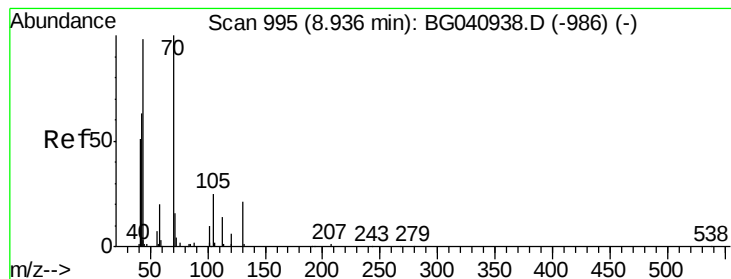
Abundance

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: 43.736 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tot Ion:	70	Resp:	110853
Ion Ratio	Lower	Upper	
70	100		
42	65.0	53.1	79.7
101	11.0	8.0	12.0
130	19.3	16.6	24.8

Instrument :

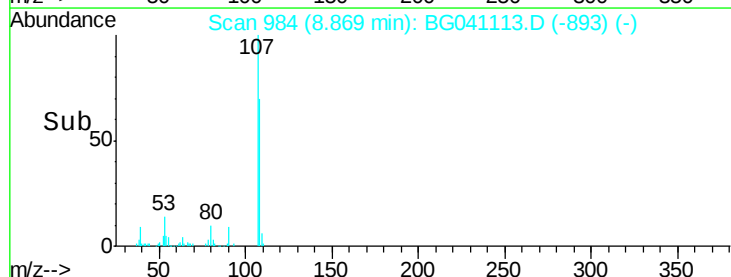
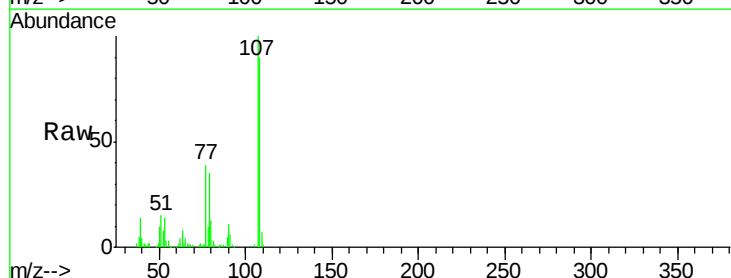
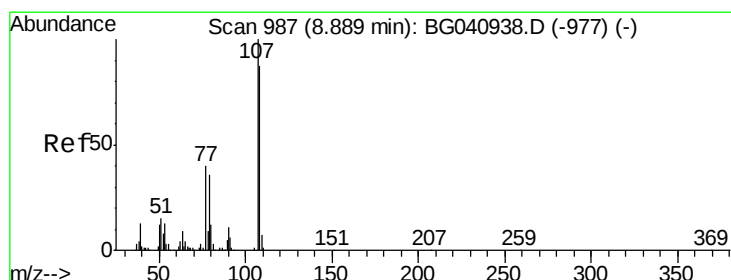
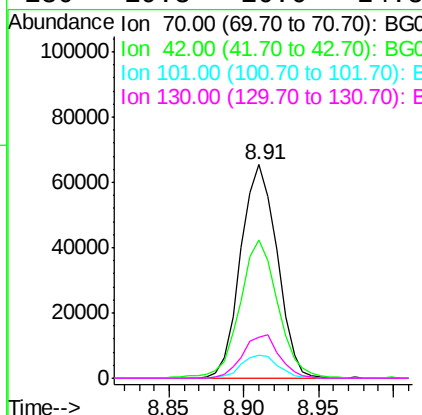
BNA_G

ClientSampleId :

PB120393BS

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#20

3+4-Methylphenols

Concen: 48.017 ng

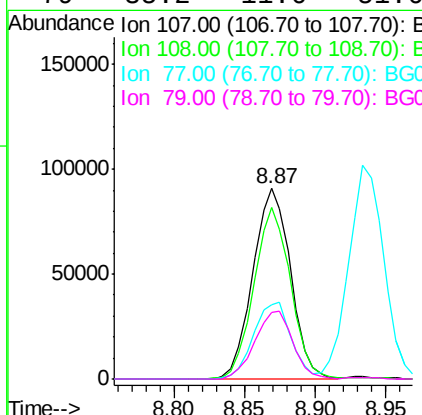
RT: 8.87 min Scan# 984

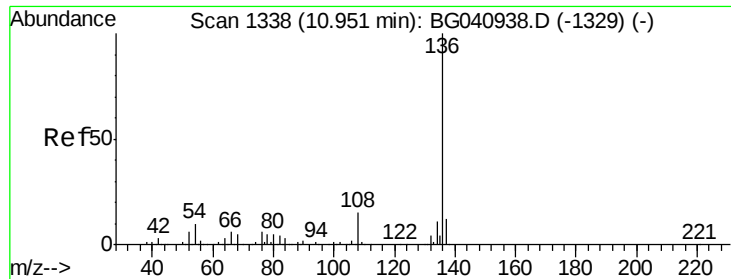
Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion:	107	Resp:	170064
Ion Ratio	Lower	Upper	
107	100		
108	90.0	63.2	103.2
77	39.1	18.9	58.9
79	35.2	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

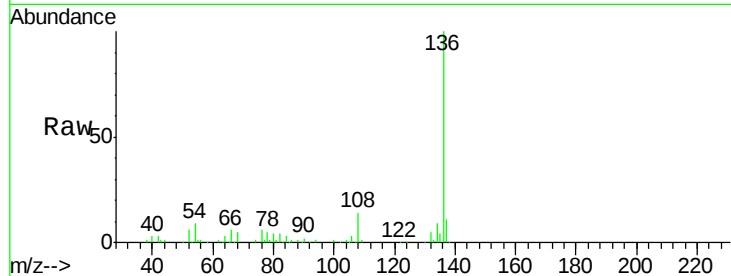
ClientSampleId :

PB120393BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	163889		
137	11.2	8.9	13.3	
54	8.8	7.4	11.2	
68	4.7	4.0	6.0	

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM

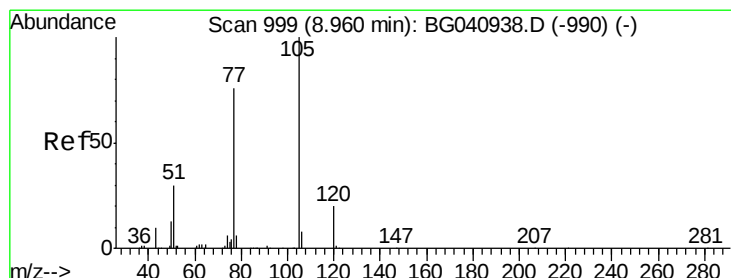
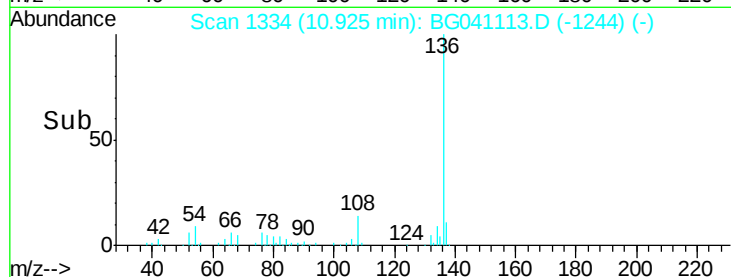
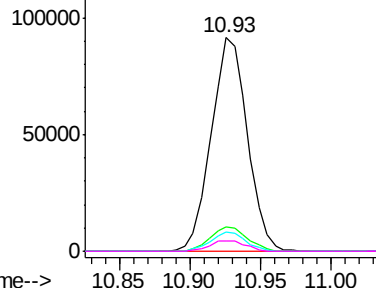


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 46.082 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

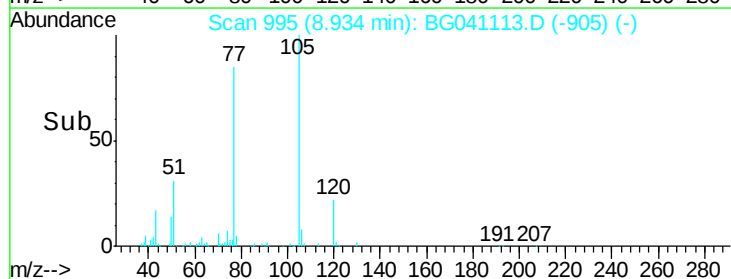
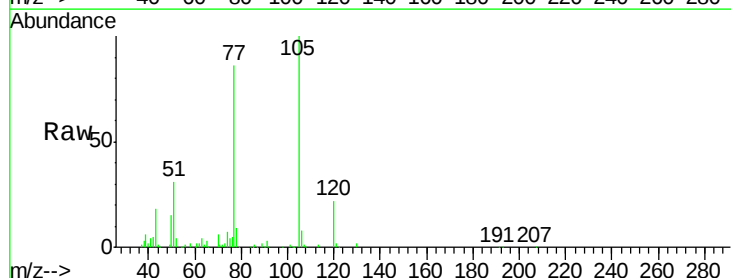
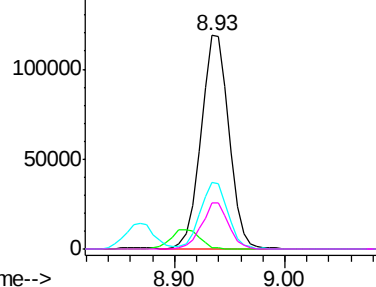
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	211855		
71	0.8	0.6	0.8	
51	31.4	24.2	36.2	
120	21.6	16.3	24.5	

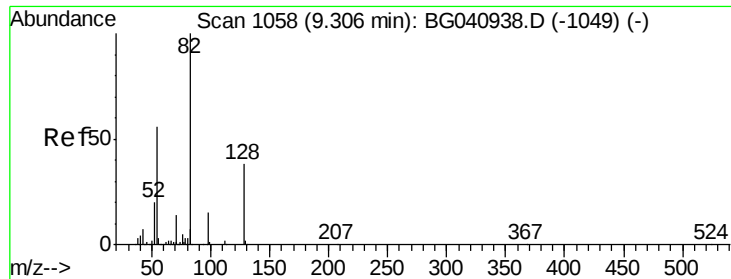
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





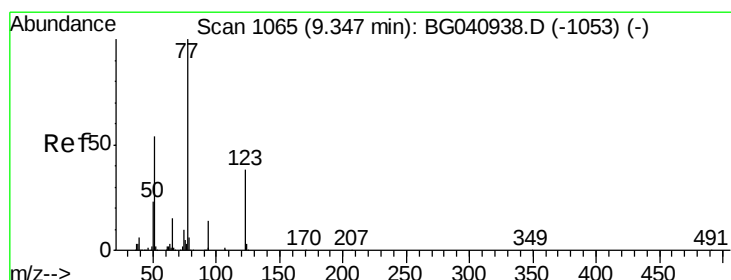
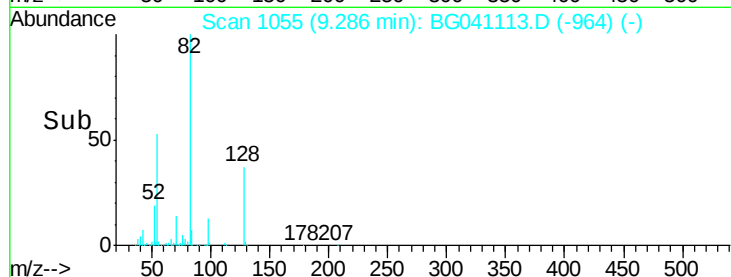
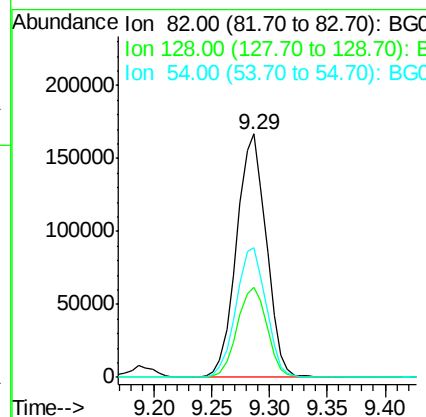
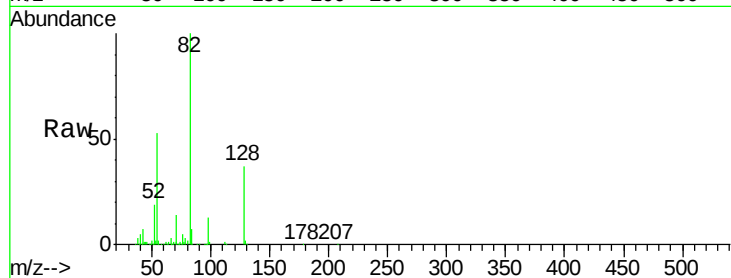
#23
 Nitrobenzene-d5
 Concen: 80.767 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	298168		
128	37.1	29.8	44.6	
54	53.5	43.6	65.4	

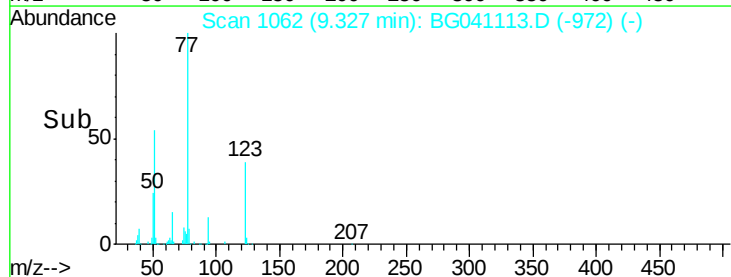
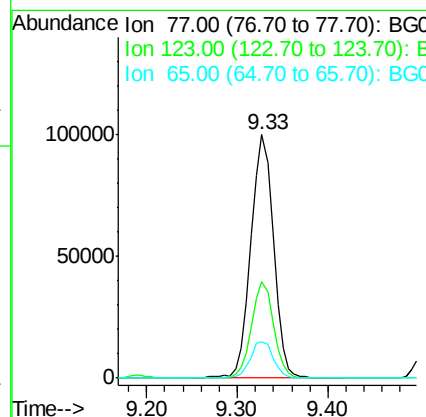
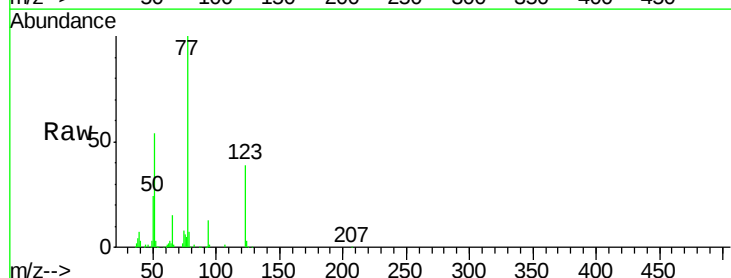
Manual Integrations
 APPROVED

mohammad
 6/11/2019 8:54:31 AM



#24
 Nitrobenzene
 Concen: 46.101 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	173442		
123	39.5	30.9	46.3	
65	15.0	13.3	19.9	





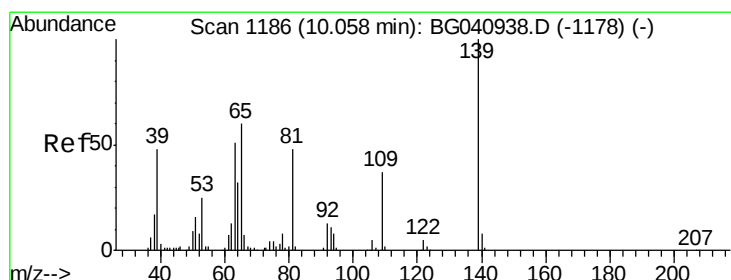
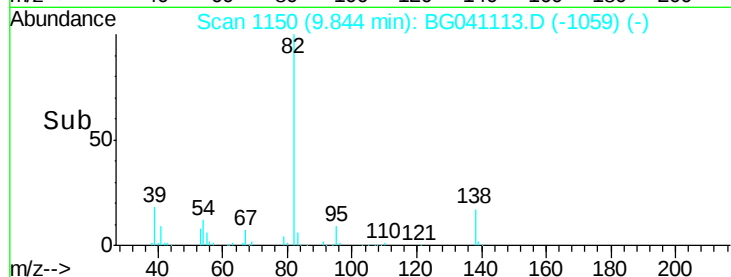
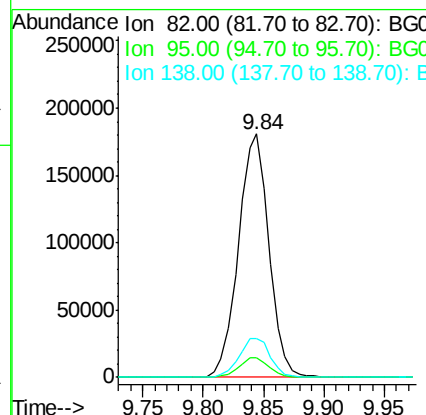
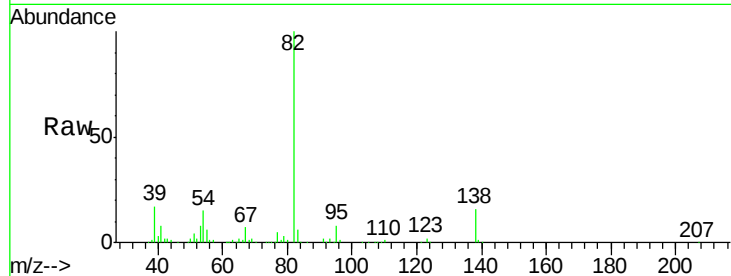
#25
Isophorone
Concen: 45.163 ng
RT: 9.84 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.2	9.4
138	15.7	12.6	19.0

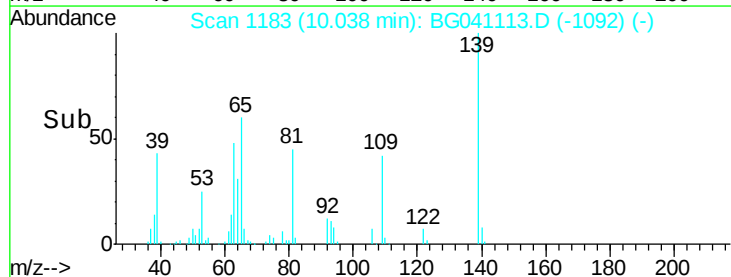
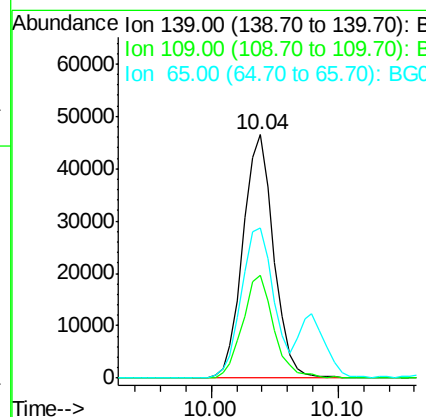
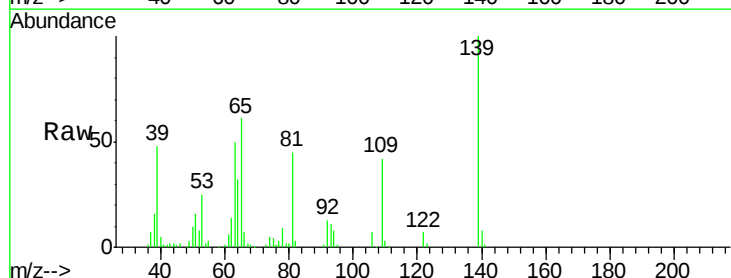
Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#26
2-Nitrophenol
Concen: 50.469 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	42.5	30.8	46.2
65	61.4	52.5	78.7





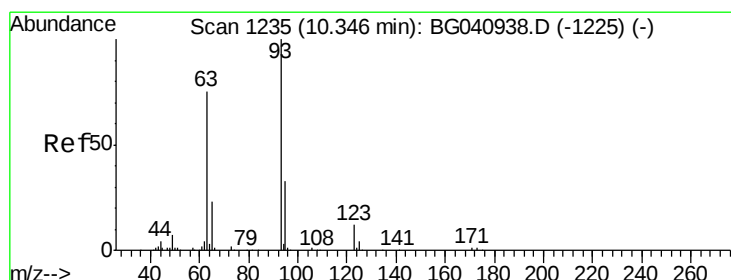
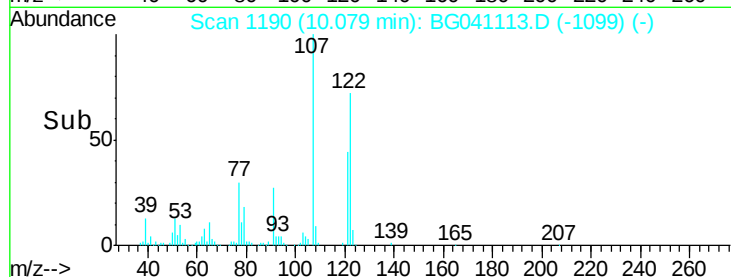
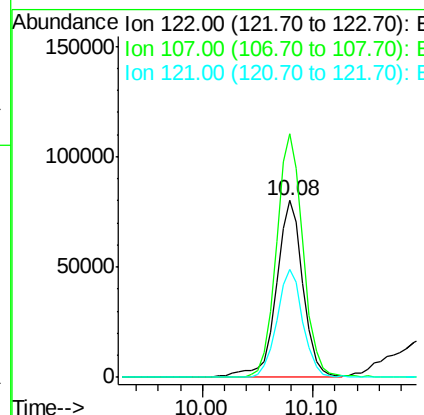
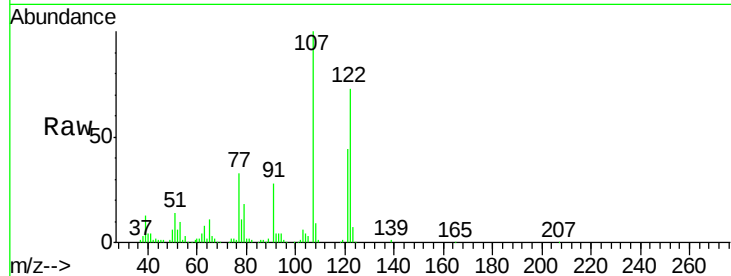
#27
2,4-Dimethylphenol
Concen: 52.781 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampled :
PB120393BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.9	111.1	166.7
121	61.0	45.6	68.4

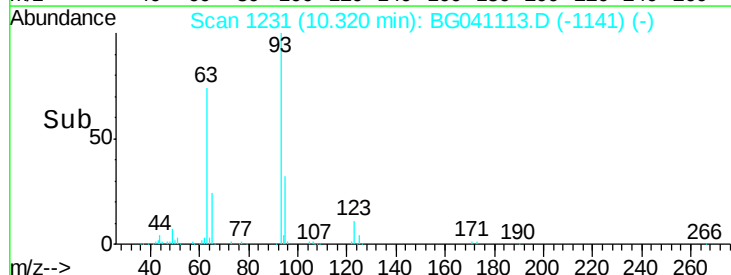
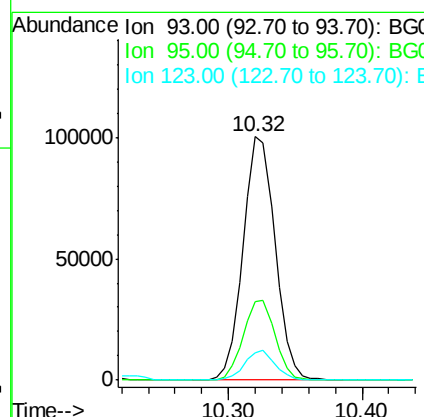
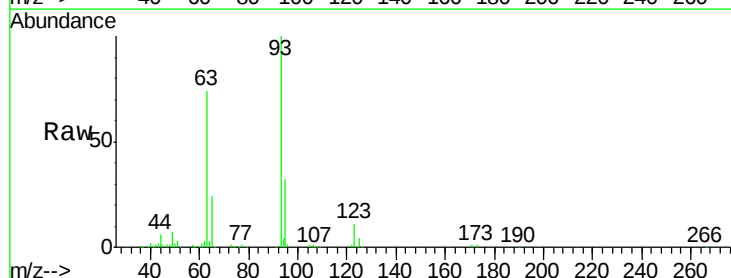
Manual Integrations
APPROVED

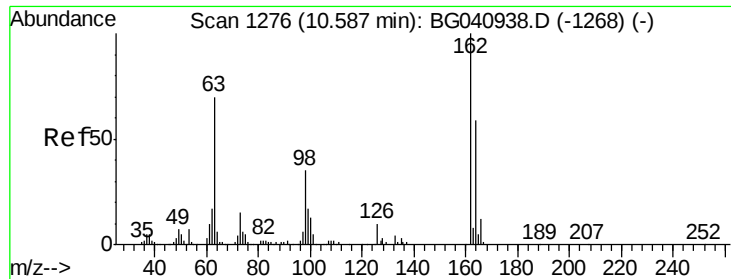
mohammad
6/11/2019 8:54:31 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.869 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	11.0	9.1	13.7





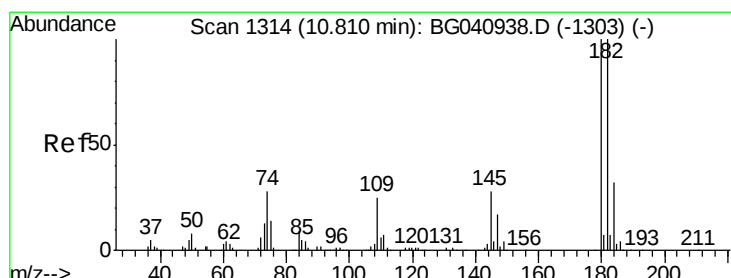
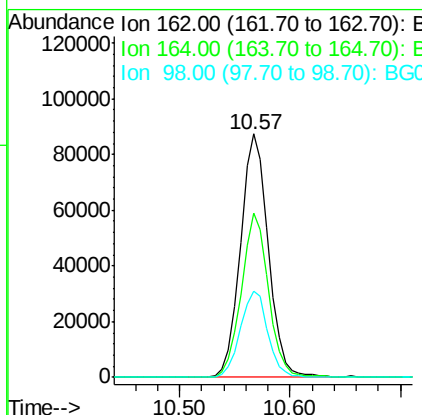
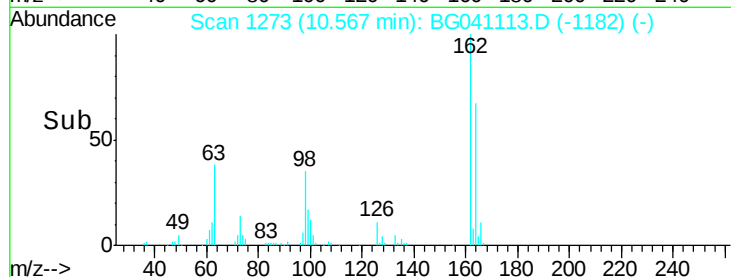
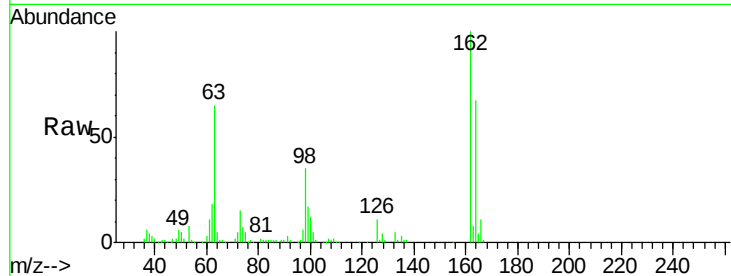
#29
2,4-Dichlorophenol
Concen: 47.655 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	155013		
164	67.3	41.4	81.4	
98	35.2	14.8	54.8	

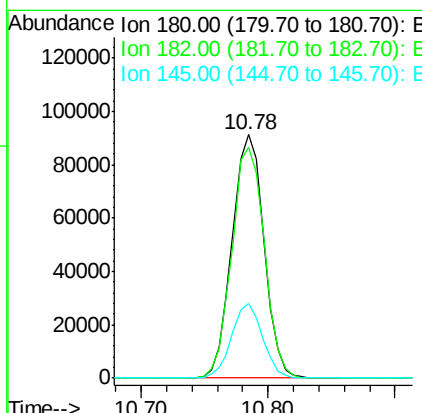
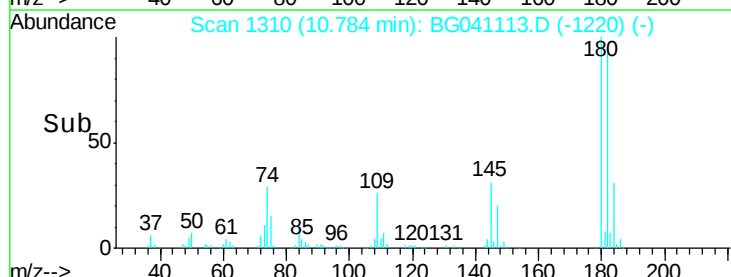
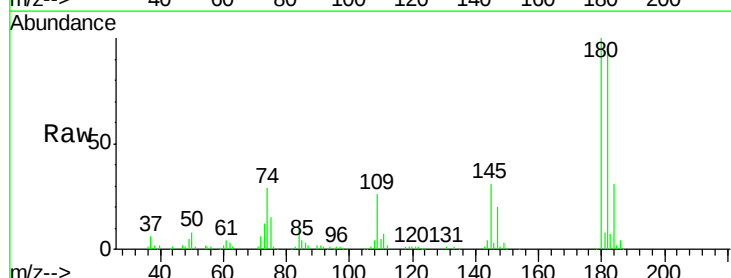
Manual Integrations
APPROVED

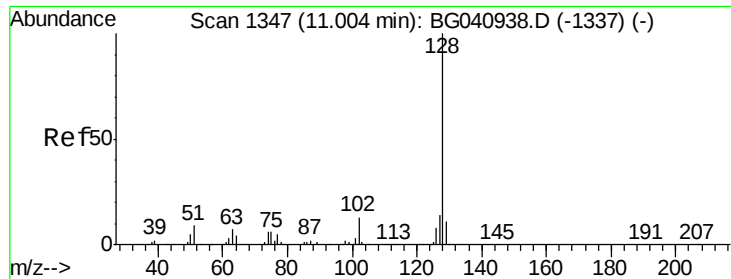
mohammad
6/11/2019 8:54:31 AM



#30
1,2,4-Trichlorobenzene
Concen: 42.779 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	158299		
182	94.8	76.5	114.7	
145	30.7	21.3	31.9	





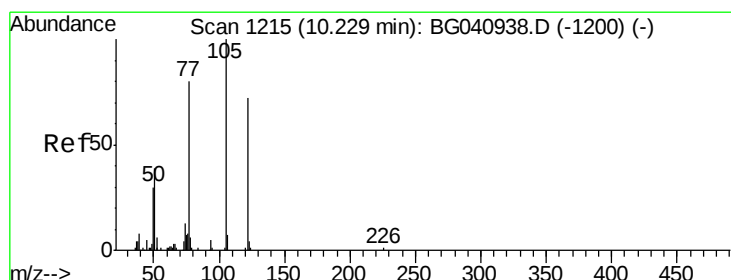
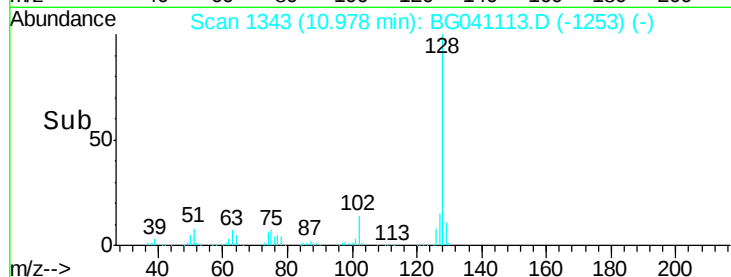
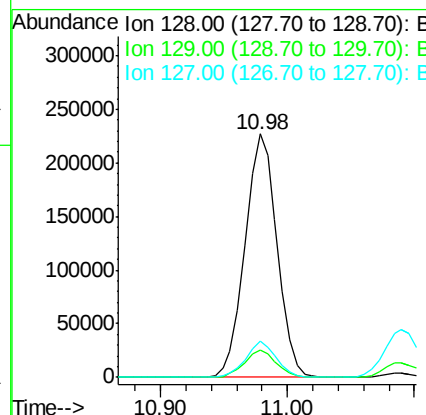
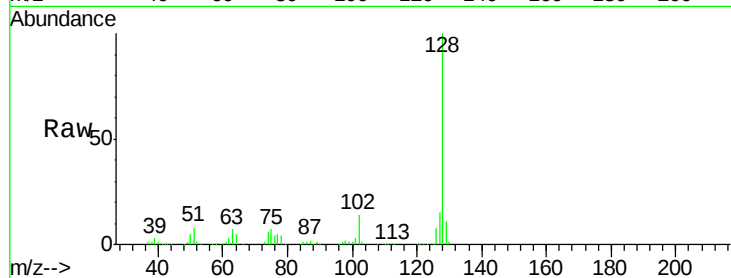
#31
Naphthalene
Concen: 45.032 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	15.0	11.4	17.0

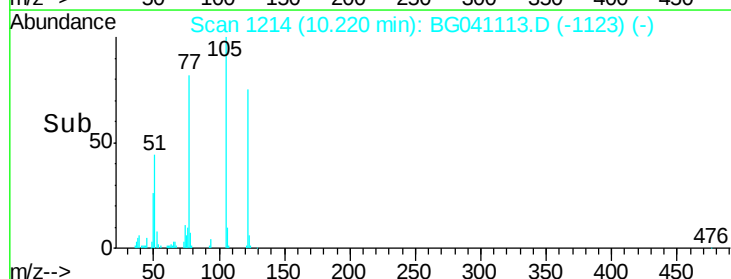
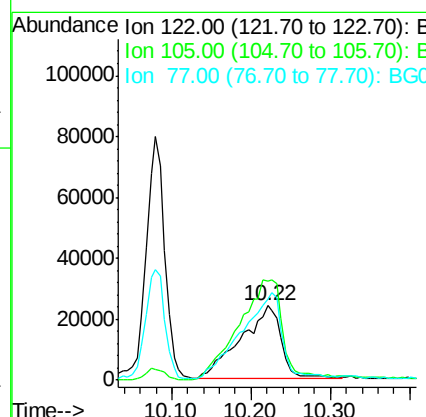
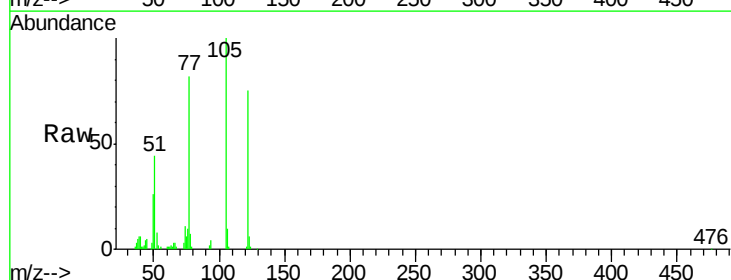
Manual Integrations
APPROVED

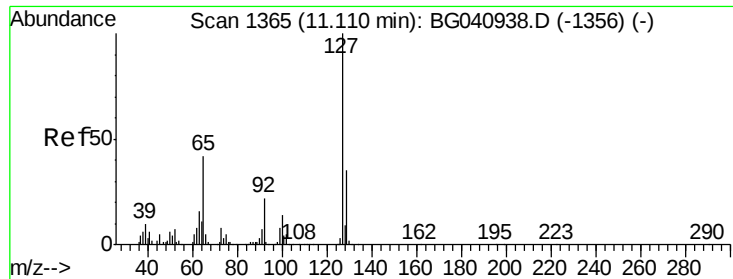
mohammad
6/11/2019 8:54:31 AM



#32
Benzoic acid
Concen: 44.072 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.3	134.0	174.0#
77	109.0	91.5	131.5





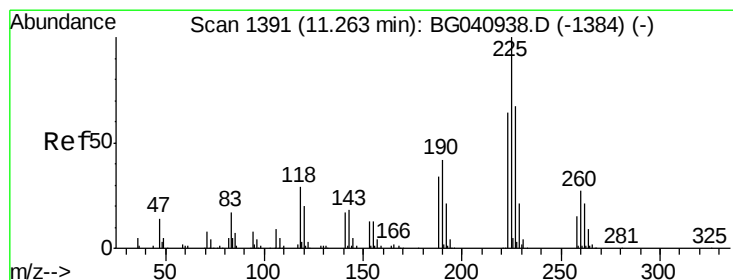
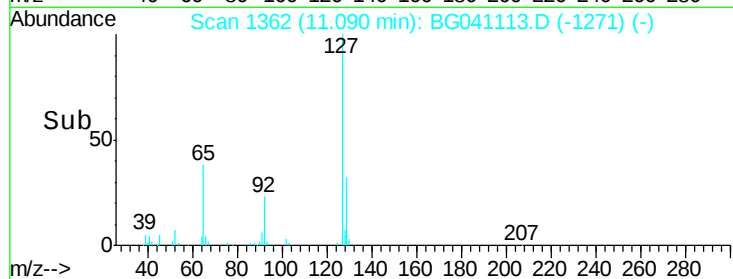
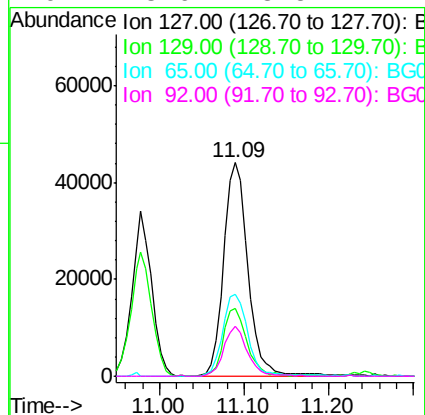
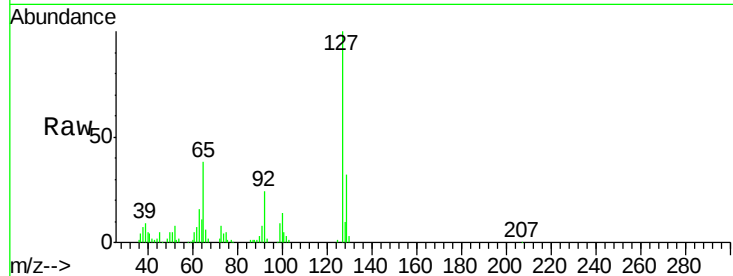
#33
4-Chloroaniline
Concen: 21.547 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion:	127	Resp:	87973
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.0	37.4
65	38.4	30.2	45.4
92	23.6	18.5	27.7

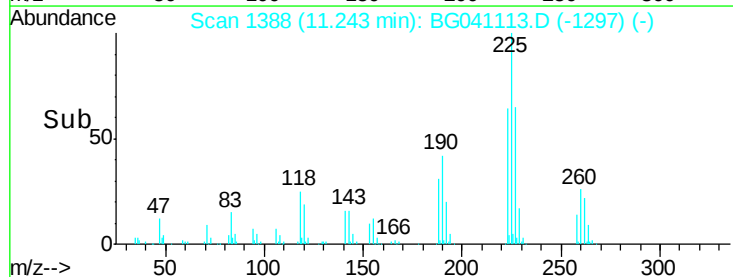
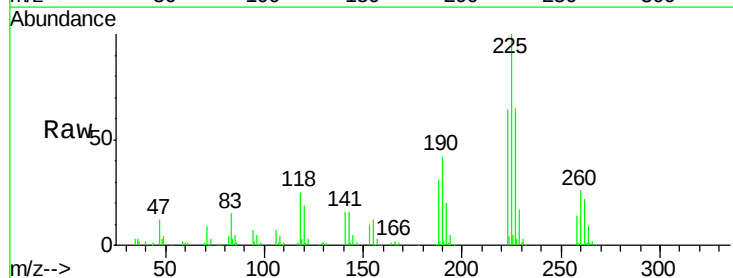
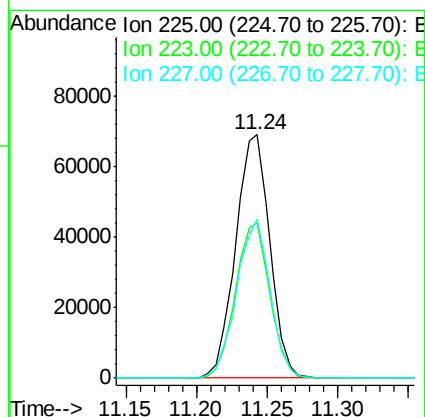
Manual Integrations
APPROVED

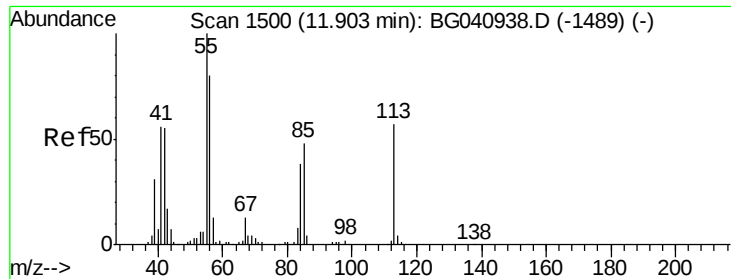
mohammad
6/11/2019 8:54:31 AM



#34
Hexachlorobutadiene
Concen: 41.120 ng
RT: 11.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion:	225	Resp:	116424
Ion Ratio	Lower	Upper	
225	100		
223	63.6	49.1	73.7
227	65.3	52.0	78.0





#35

Caprolactam

Concen: 45.902 ng/ml

RT: 11.88 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

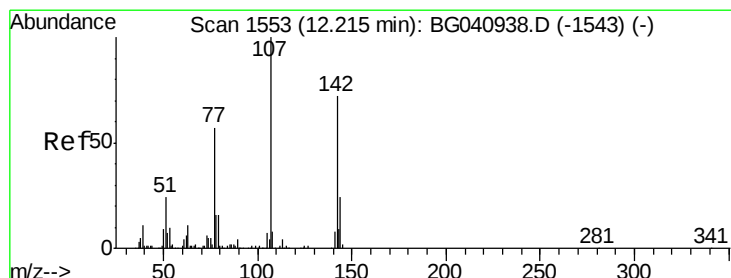
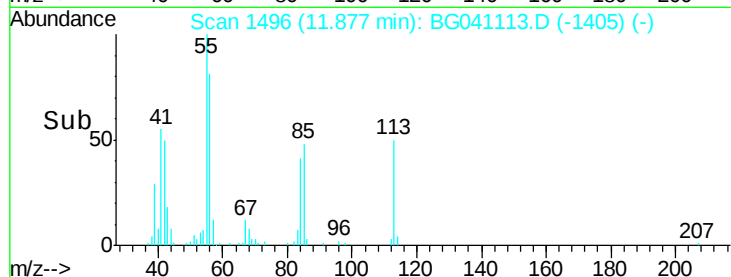
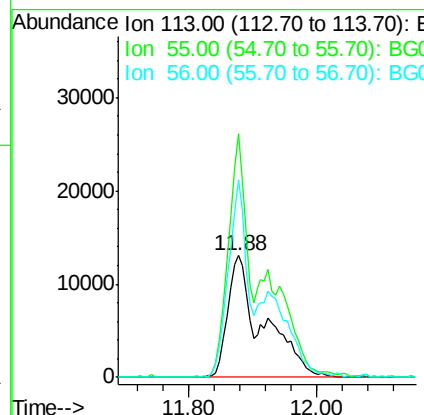
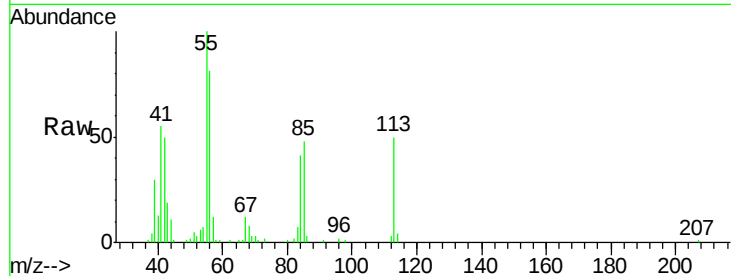
ClientSampleId :

PB120393BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.4	174.4	214.4
56	163.0	127.9	167.9

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#36

4-Chloro-3-methylphenol

Concen: 48.011 ng/ml

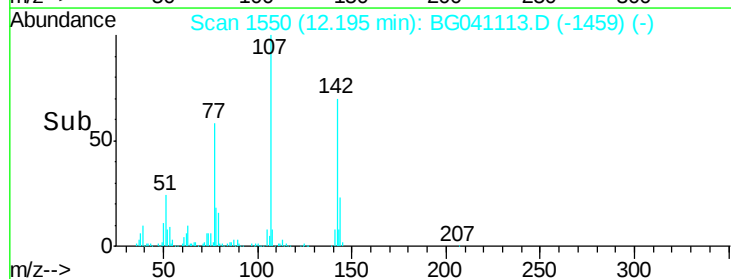
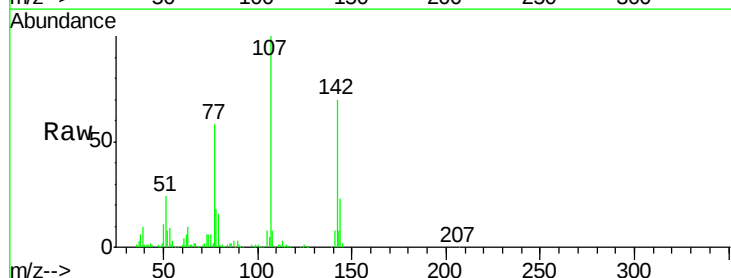
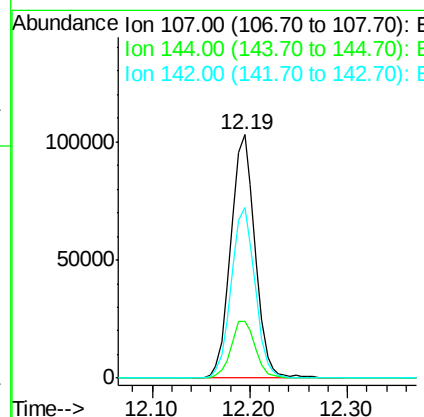
RT: 12.19 min Scan# 1550

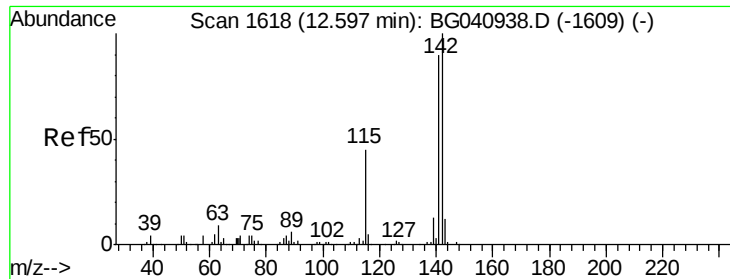
Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	18.5	27.7
142	69.9	54.6	81.8





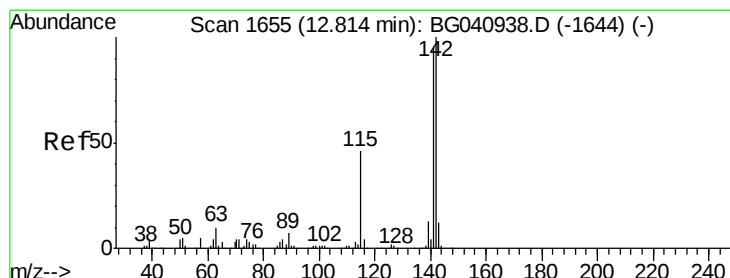
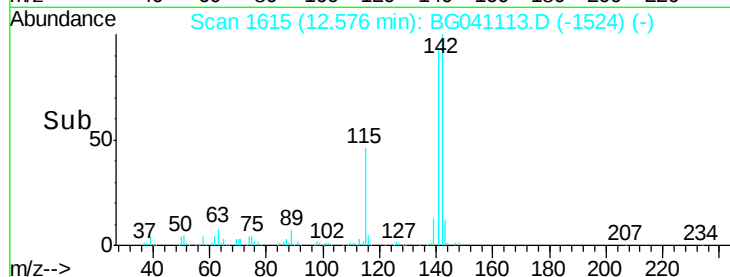
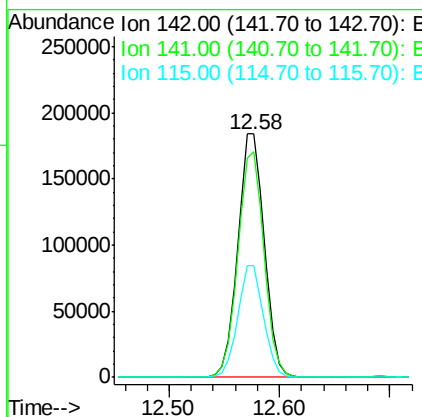
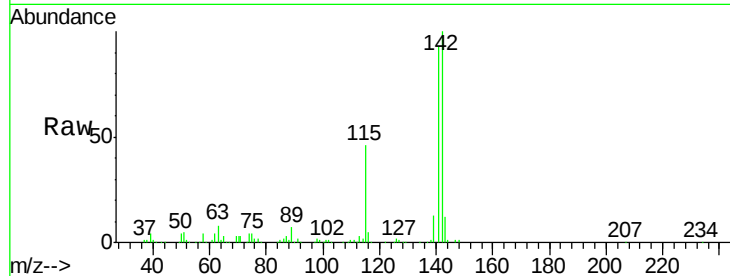
#37
 2-Methylnaphthalene
 Concen: 45.730 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.5	107.3
115	45.7	35.1	52.7

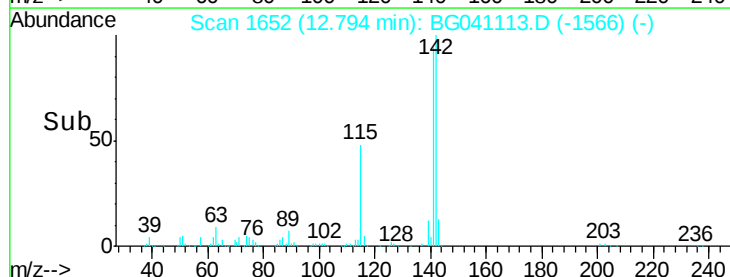
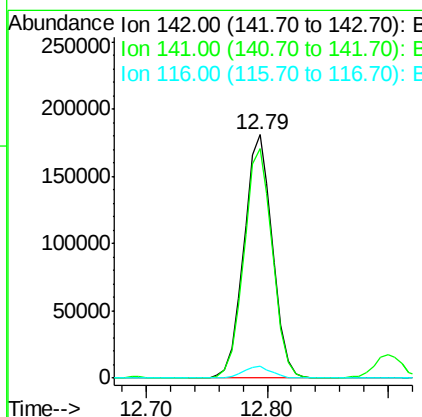
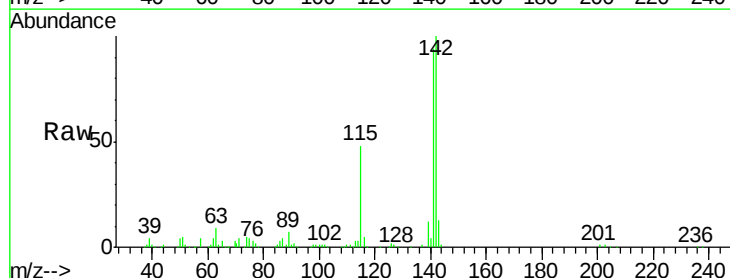
Manual Integrations
 APPROVED

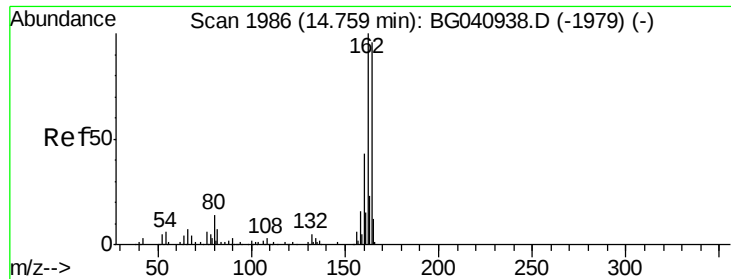
mohammad
 6/11/2019 8:54:31 AM



#38
 1-Methylnaphthalene
 Concen: 46.284 ng
 RT: 12.79 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.4	113.0
116	4.9	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

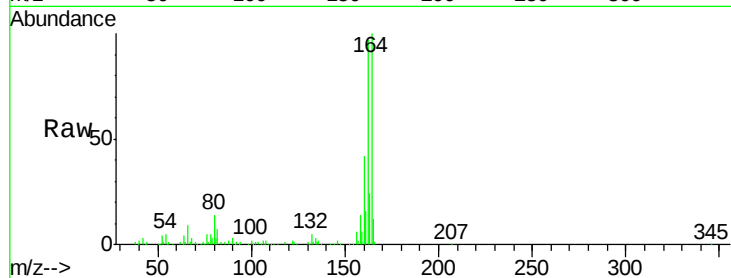
ClientSampleId :

PB120393BS

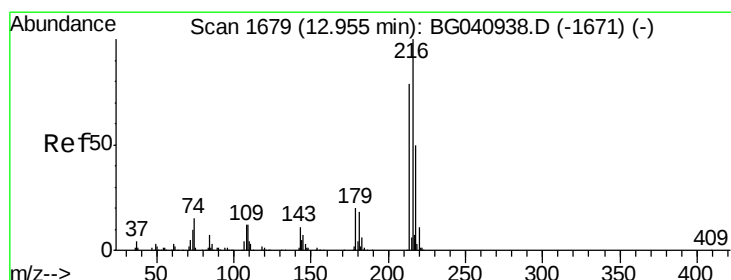
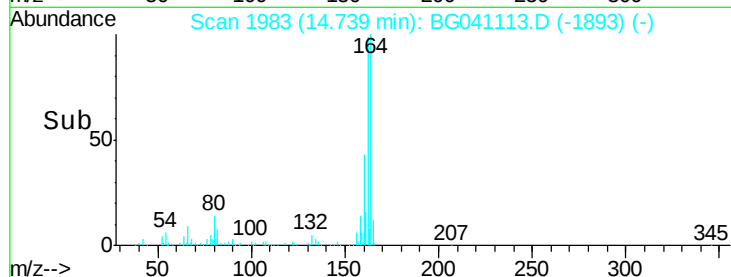
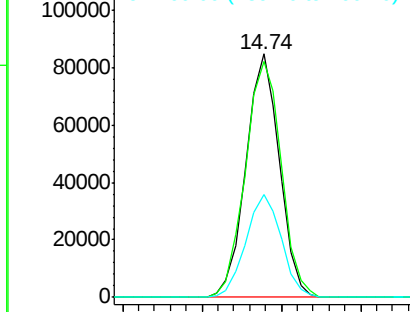
Tot Ion:	164	Resp:	124404
Ion Ratio	Lower	Upper	
164	100		
162	97.1	85.4	128.0
160	42.4	37.1	55.7

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



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: 45.364 ng

RT: 12.93 min Scan# 1676

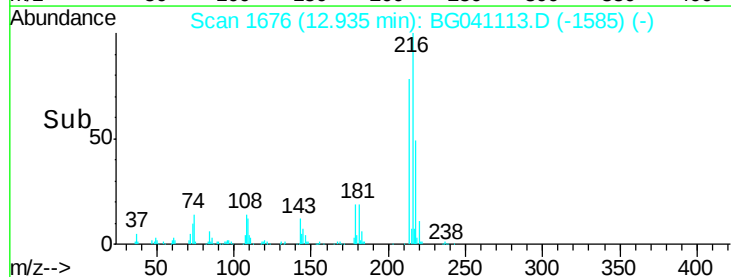
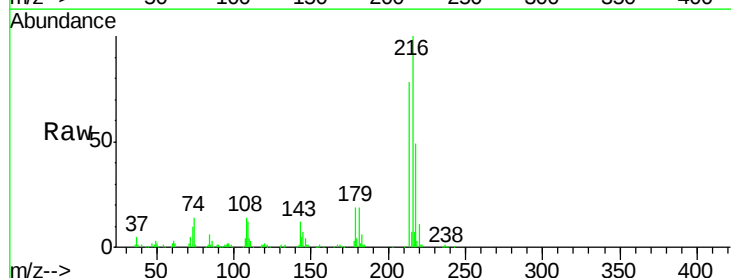
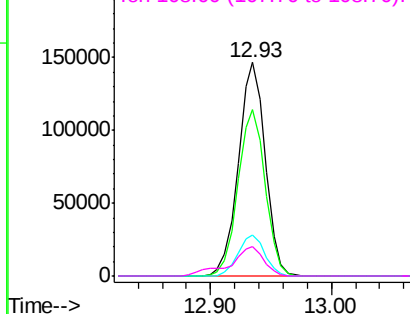
Delta R.T. 0.00 min

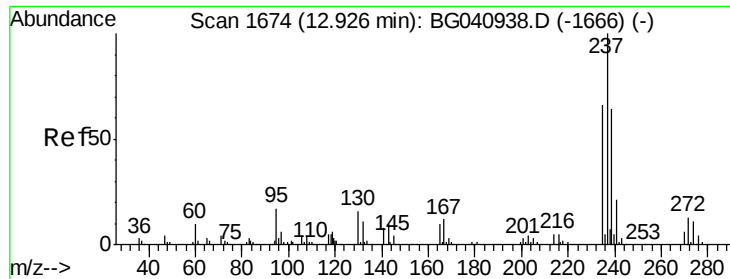
Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion:	216	Resp:	227462
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.6
179	19.0	15.4	23.2
108	17.1	12.1	18.1

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: 106.935 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

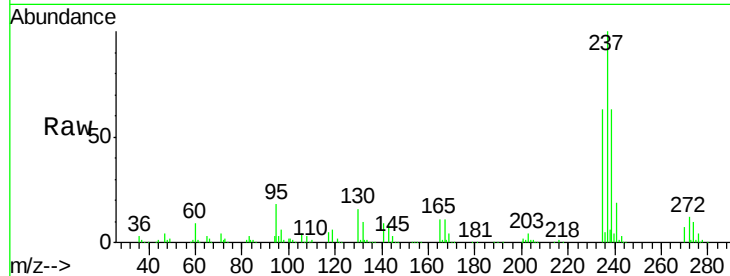
ClientSampleId :

PB120393BS

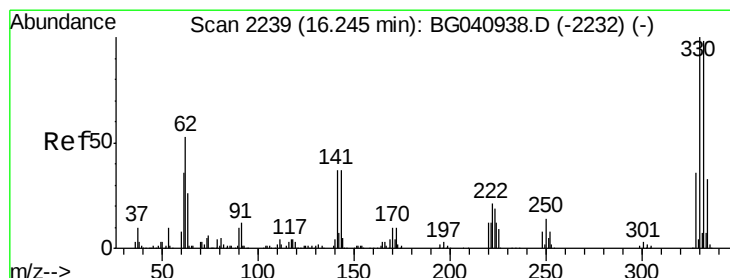
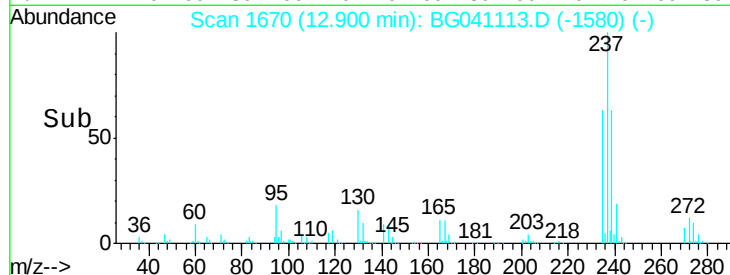
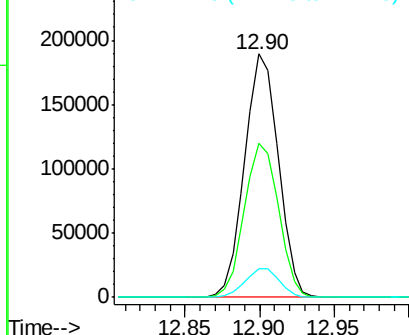
Tot Ion:	237	Resp:	296557
Ion Ratio		Lower	Upper
237	100		
235	63.5	40.5	80.5
272	11.8	0.0	31.4

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



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: 127.631 ng

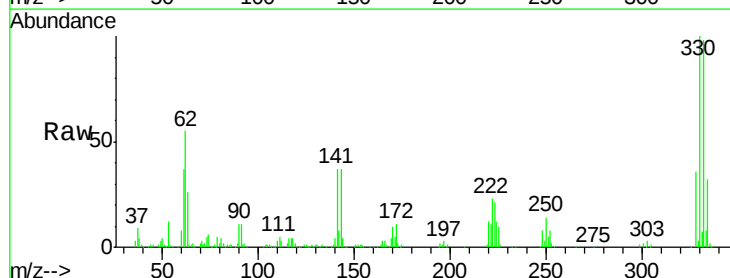
RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

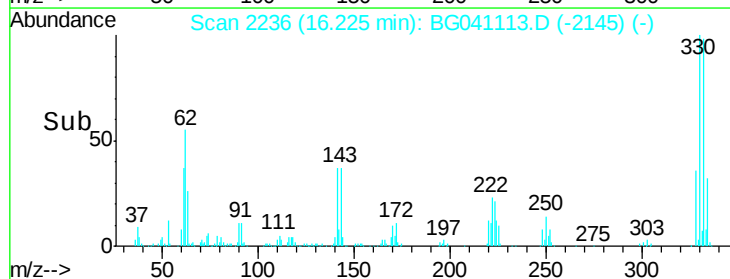
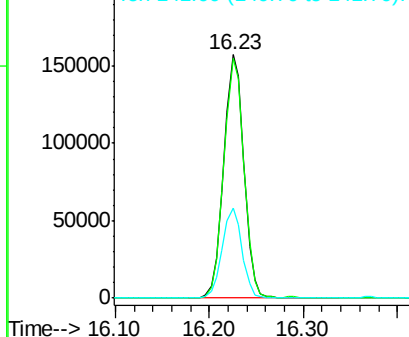
Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion:	330	Resp:	235718
Ion Ratio		Lower	Upper
330	100		
332	98.5	77.9	116.9
141	36.5	29.0	43.4



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





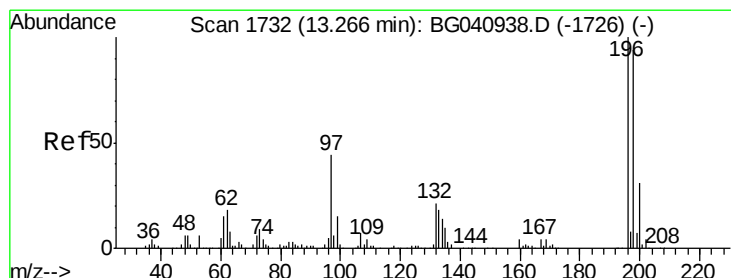
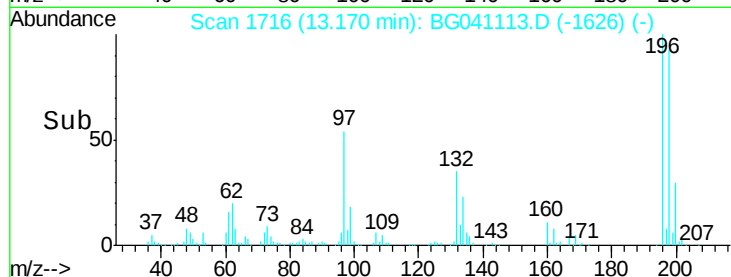
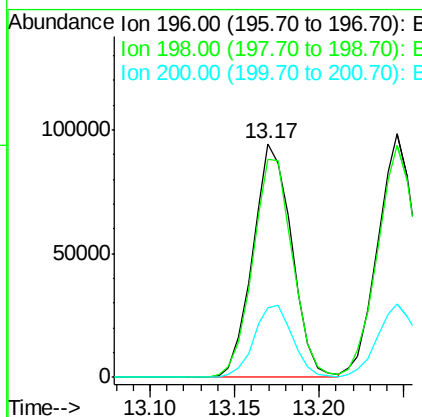
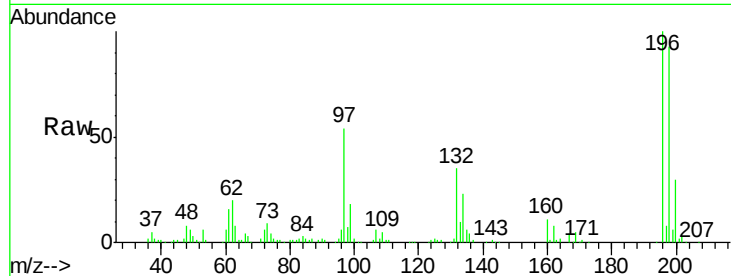
#43
 2,4,6-Trichlorophenol
 Concen: 46.583 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	151101		
198	93.2	79.0	118.6	
200	29.8	23.8	35.8	

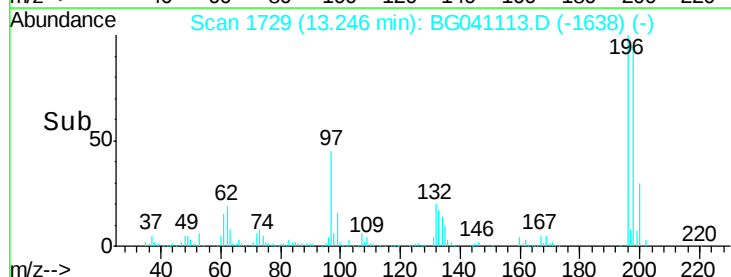
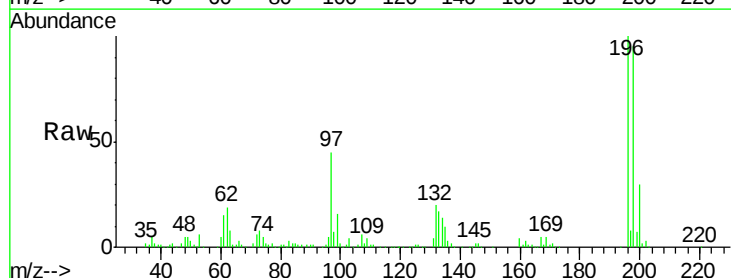
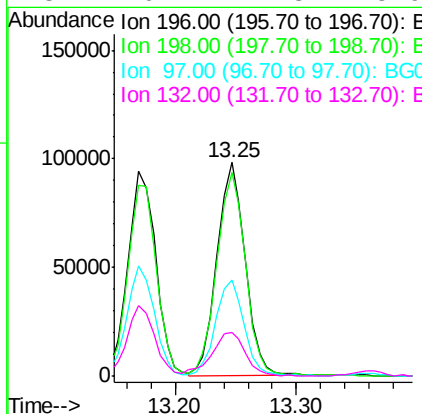
Manual Integrations
 APPROVED

mohammad
 6/11/2019 8:54:31 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.044 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157513		
198	95.2	78.2	117.4	
97	45.2	37.9	56.9	
132	20.1	17.3	25.9	





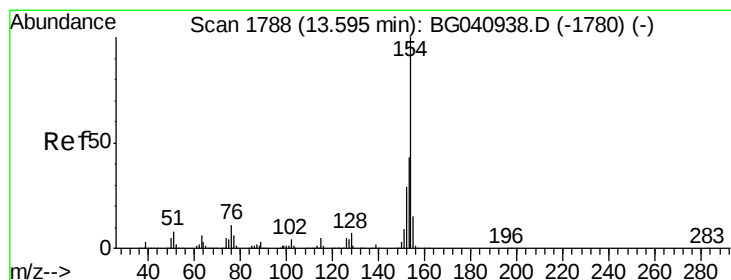
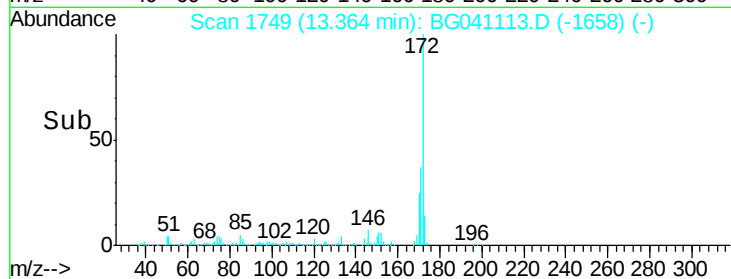
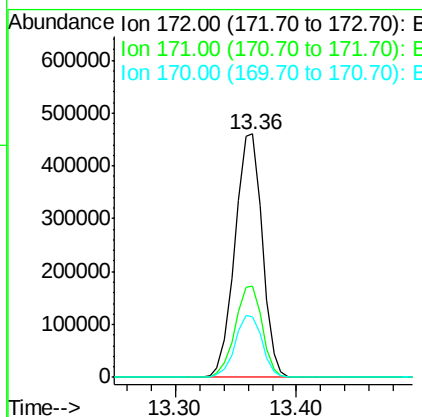
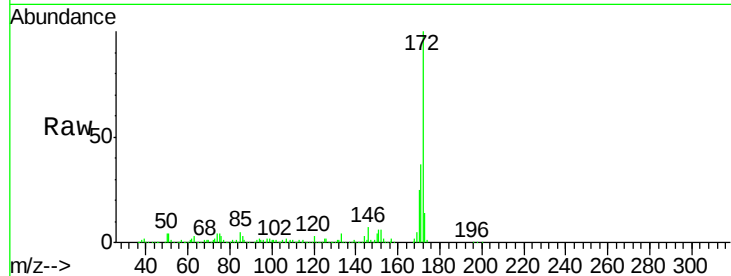
#45
2-Fluorobiphenyl
Concen: 83.963 ng
RT: 13.36 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.6	21.3	31.9

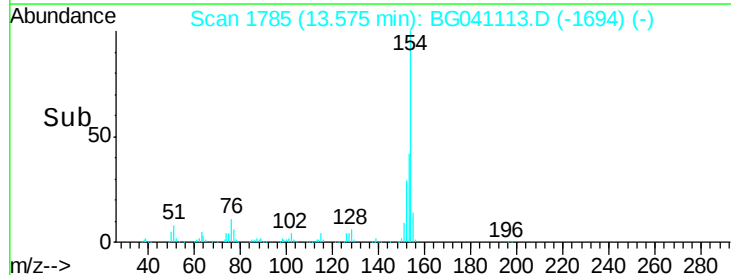
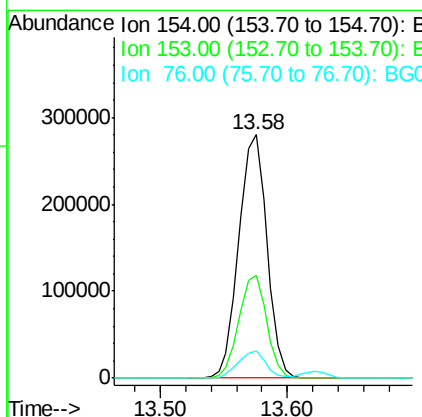
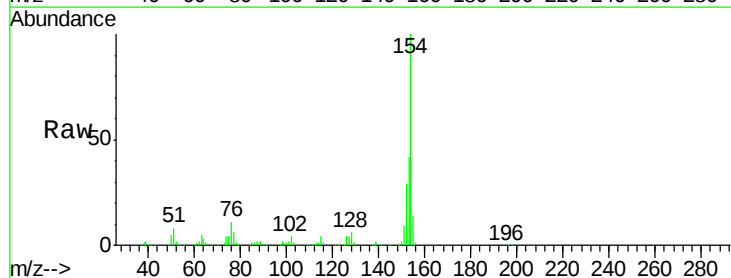
Manual Integrations
APPROVED

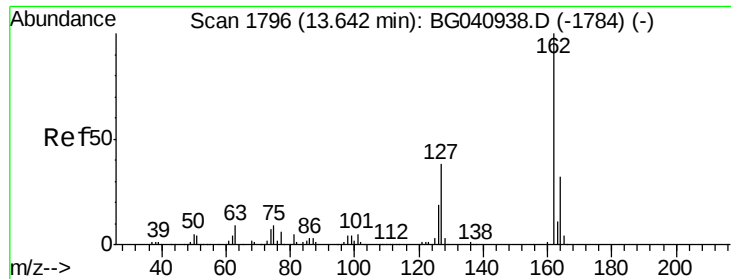
mohammad
6/11/2019 8:54:31 AM



#46
1,1'-Biphenyl
Concen: 46.745 ng
RT: 13.58 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	23.1	63.1
76	11.3	0.0	31.2





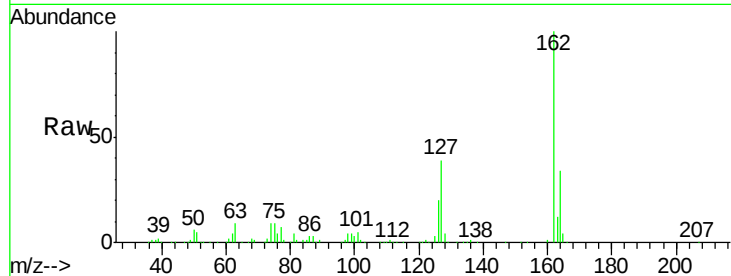
#47
2-Chloronaphthalene
Concen: 44.436 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.1	46.7
164	34.0	25.8	38.8

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM

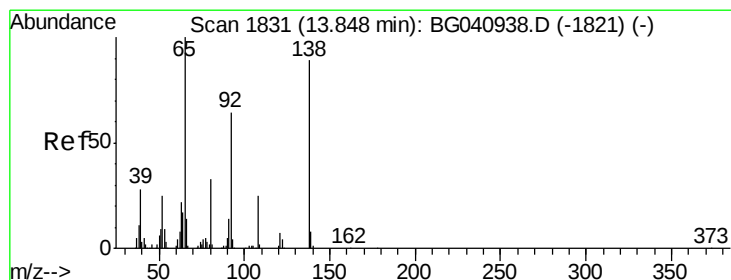
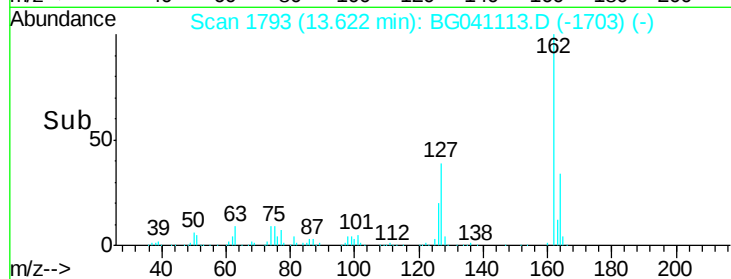
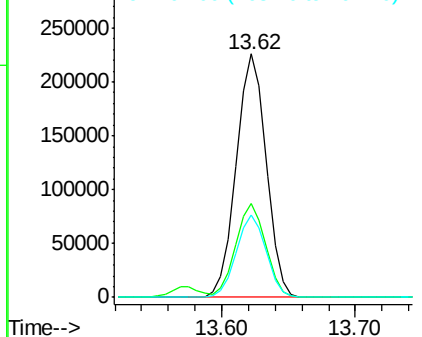


Abundance

Ion 162.00 (161.70 to 162.70): E

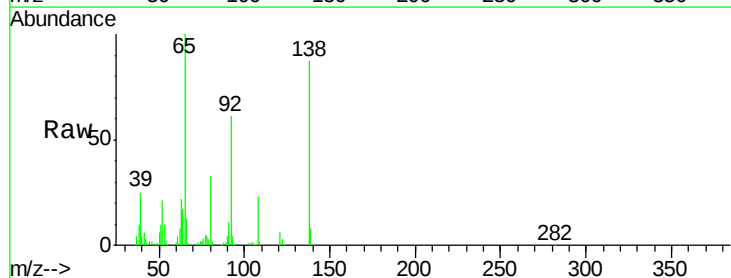
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 45.050 ng
RT: 13.83 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.7	49.2	73.8
138	87.0	73.0	109.6

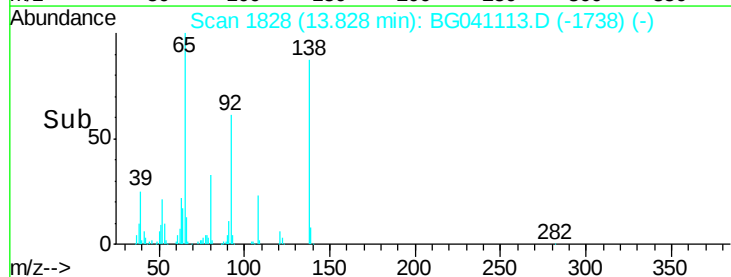
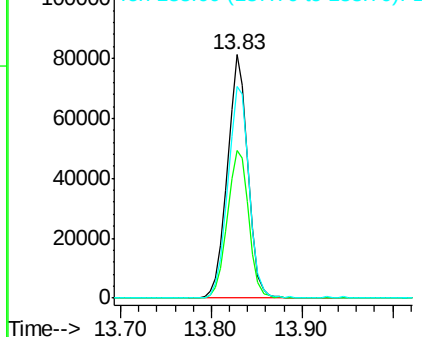


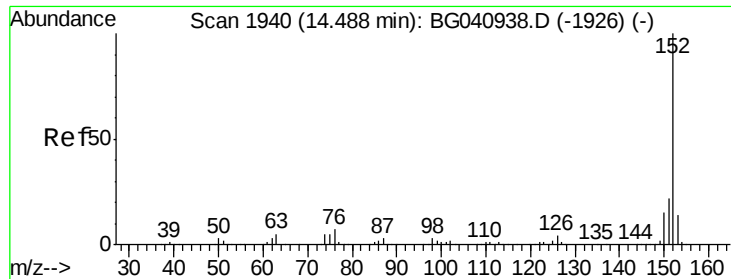
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC





#49

Acenaphthylene

Concen: 46.548 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

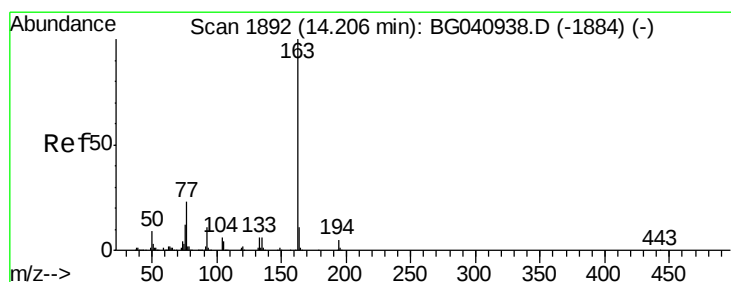
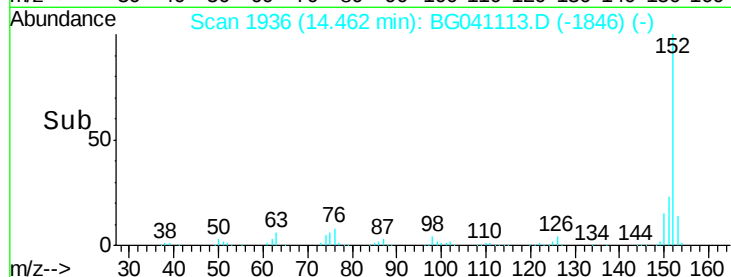
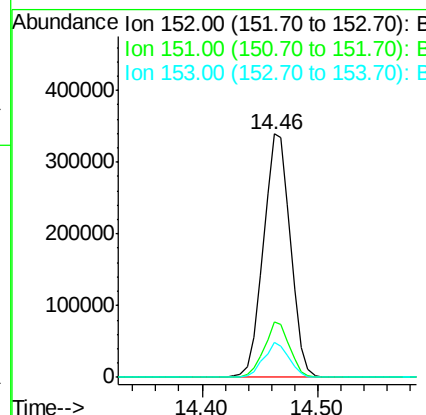
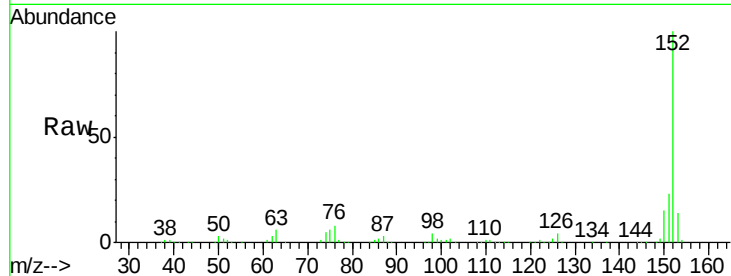
ClientSampleId :

PB120393BS

Tot Ion:	152	Resp:	553834
Ion Ratio	Lower	Upper	
152	100		
151	22.5	16.8	25.2
153	14.4	10.6	16.0

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#50

Dimethylphthalate

Concen: 44.324 ng

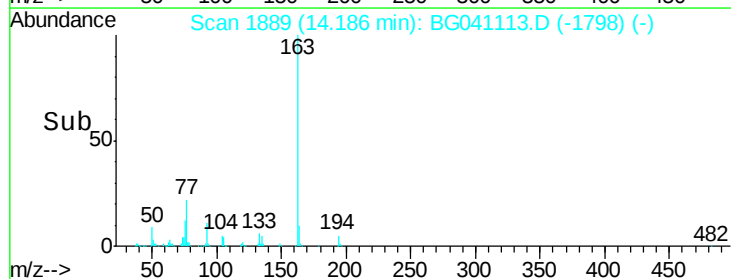
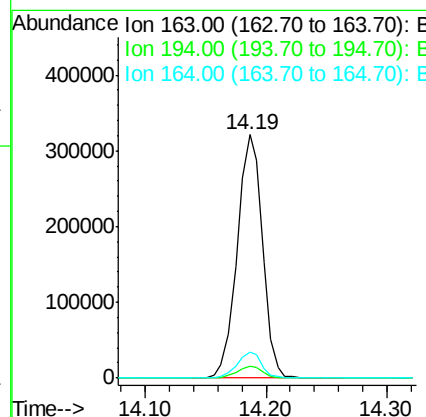
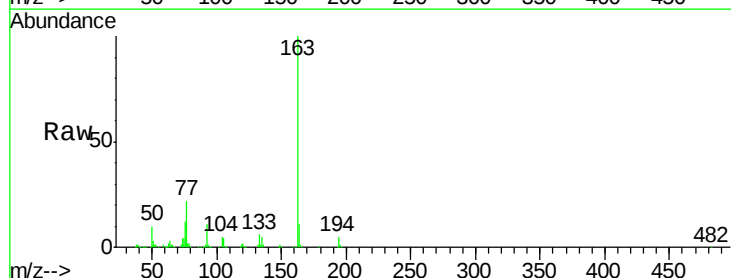
RT: 14.19 min Scan# 1889

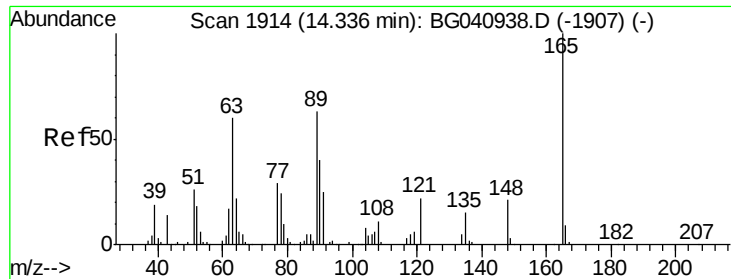
Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion:	163	Resp:	466773
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.8	5.6
164	10.6	8.3	12.5





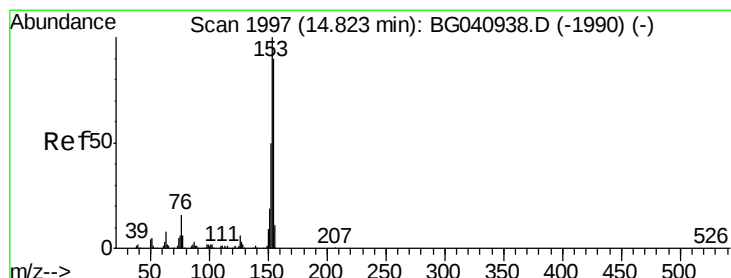
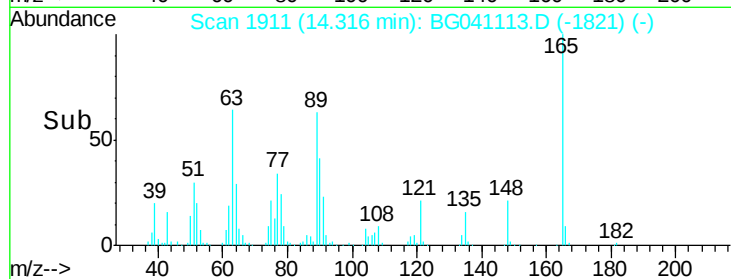
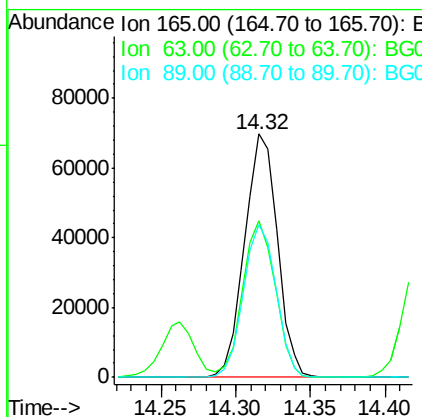
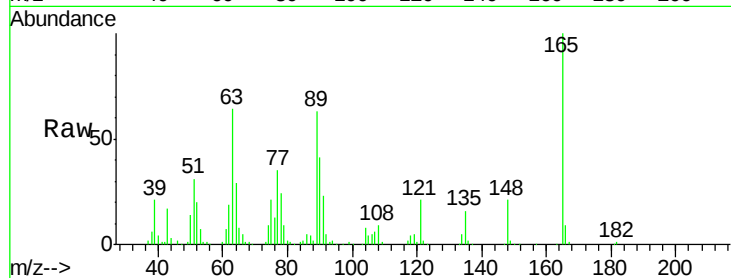
#51
 2,6-Dinitrotoluene
 Concen: 46.683 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. -0.00 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	105997		
63	64.3	48.6	73.0	
89	62.8	51.1	76.7	

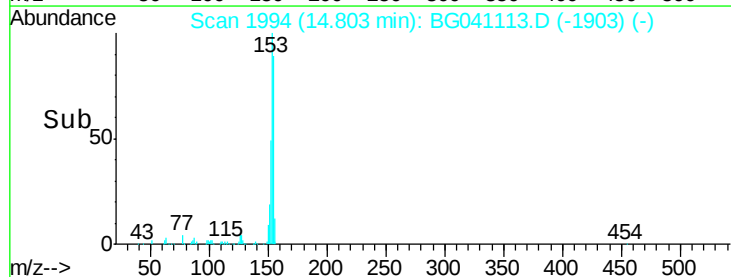
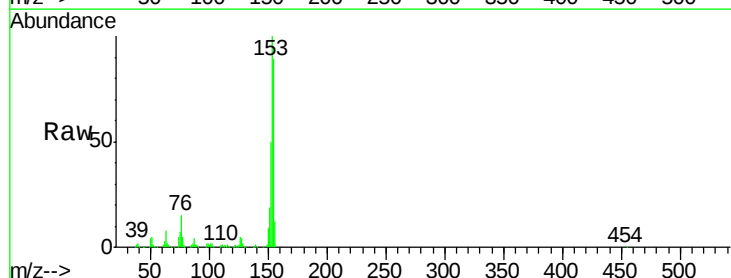
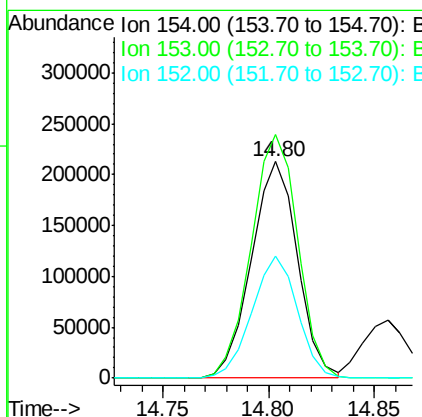
Manual Integrations
 APPROVED

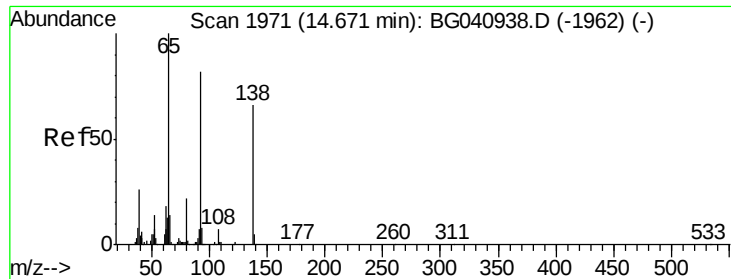
mohammad
 6/11/2019 8:54:31 AM



#52
 Acenaphthene
 Concen: 44.827 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	323103		
153	112.7	90.6	135.8	
152	56.3	43.0	64.4	





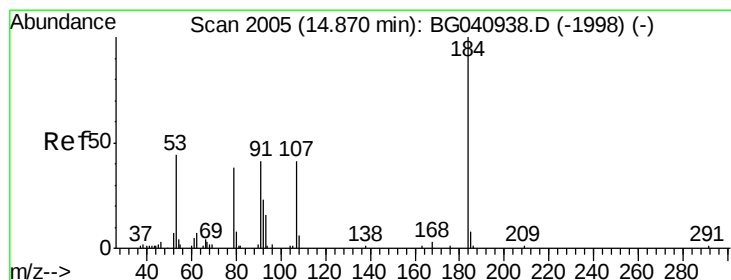
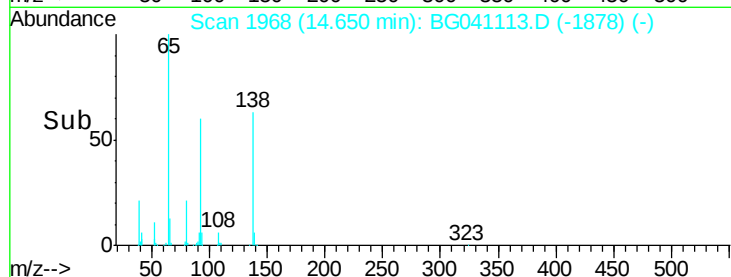
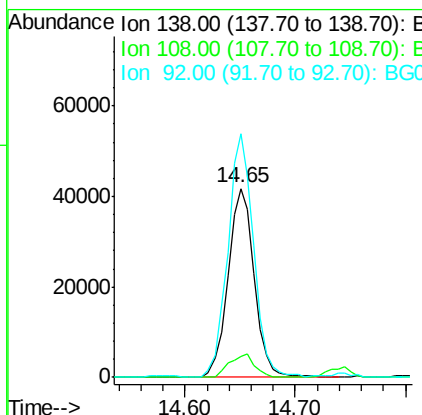
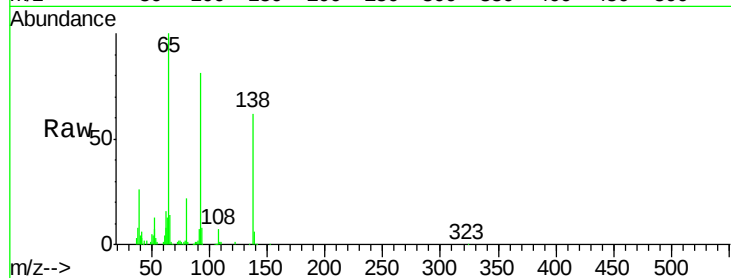
#53
3-Nitroaniline
Concen: 30.438 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.6	13.0
92	129.0	98.0	147.0

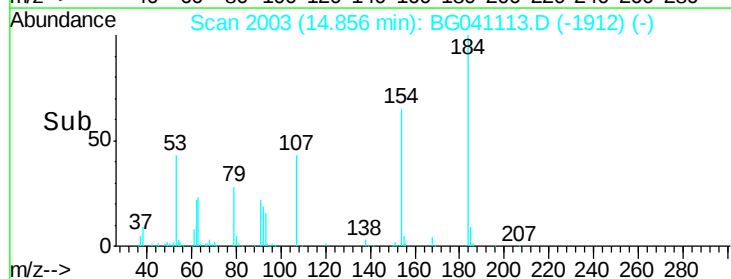
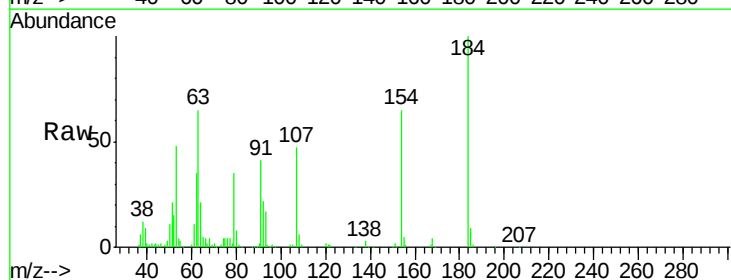
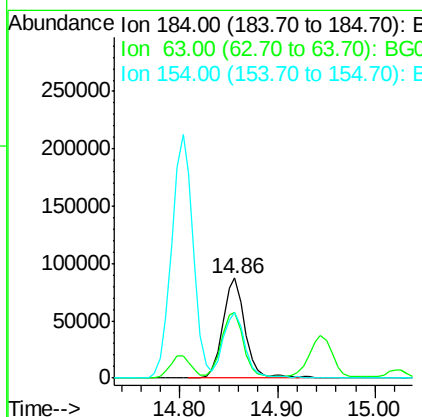
Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#54
2,4-Dinitrophenol
Concen: 103.282 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.5	54.2	81.4
154	65.4	52.3	78.5





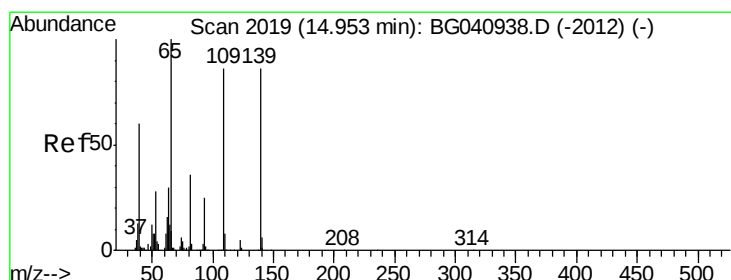
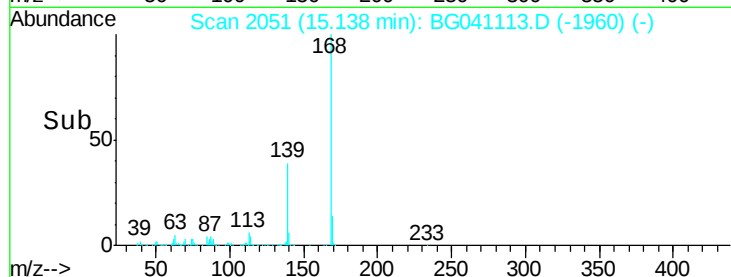
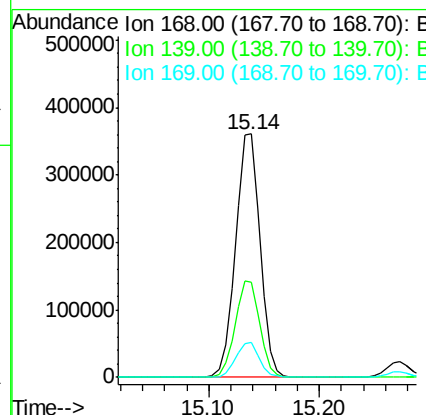
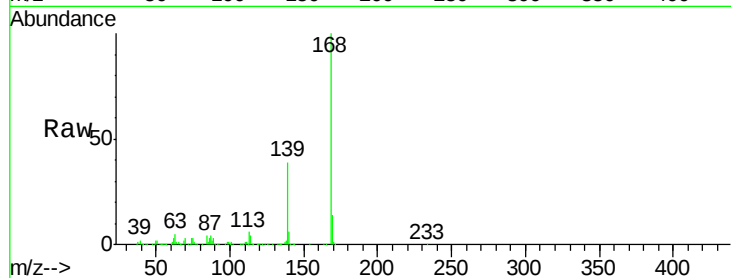
#55
Dibenzenofuran
Concen: 46.324 ng
RT: 15.14 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.3	48.5
169	14.1	11.3	16.9

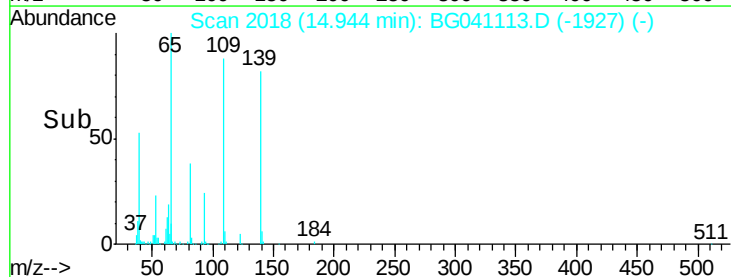
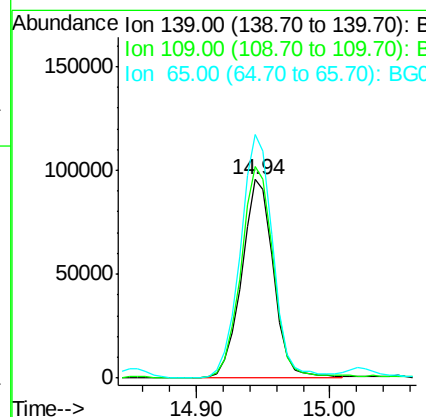
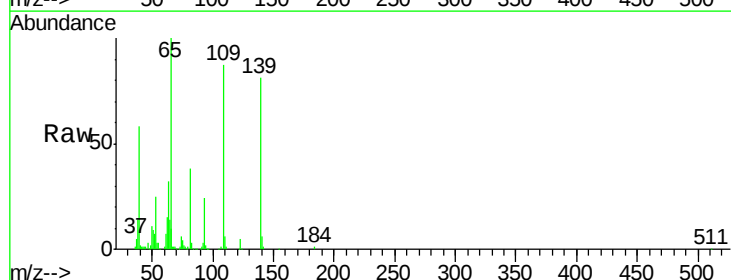
Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#56
4-Nitrophenol
Concen: 100.749 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	107.0	89.2	129.2
65	122.8	104.3	144.3





#57

2,4-Dinitrotoluene

Concen: 46.246 ng

RT: 15.10 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

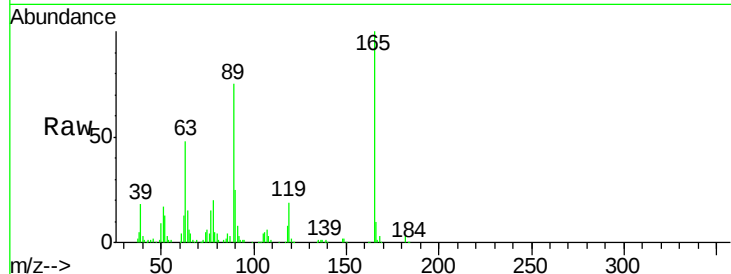
ClientSampleId :

PB120393BS

Tot Ion:	165	Resp:	148326
Ion Ratio	Lower	Upper	
165	100		
63	48.3	38.1	57.1
89	75.2	60.7	91.1
182	3.0	2.4	3.6

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM

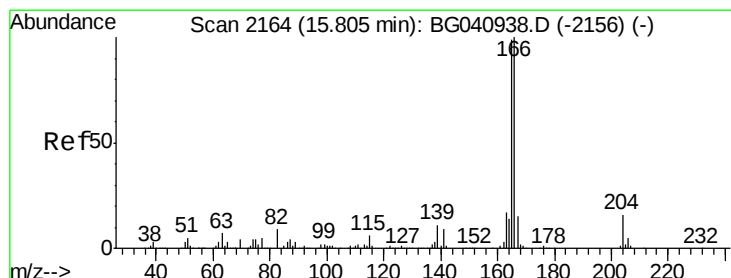
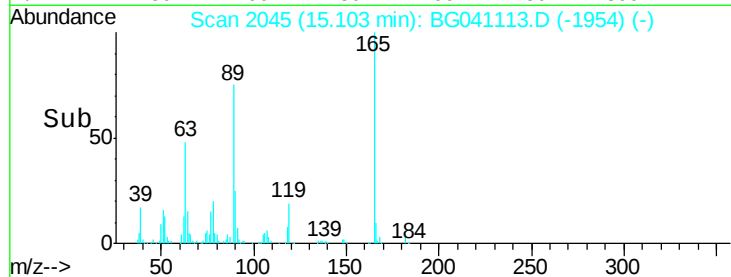
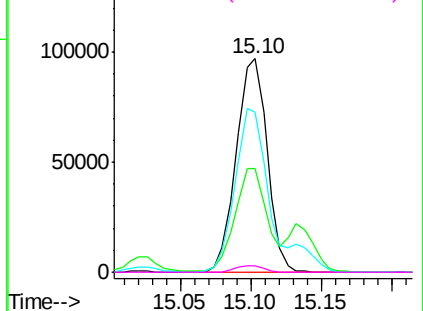


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.154 ng

RT: 15.78 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG041113.D

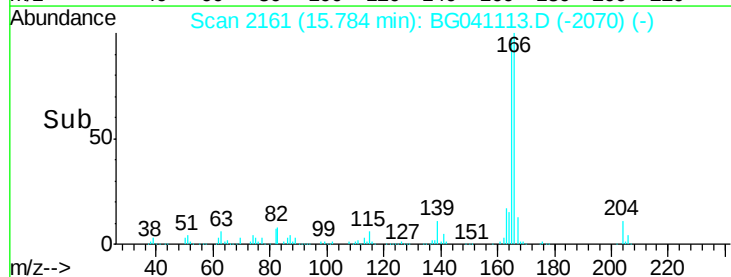
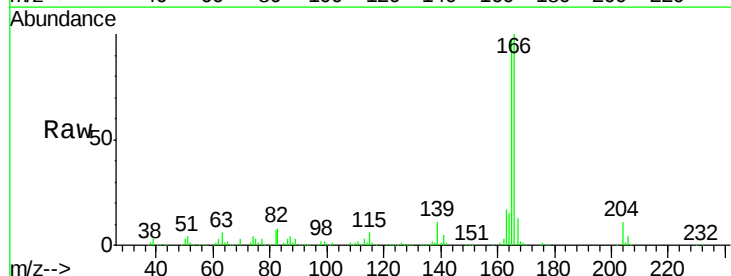
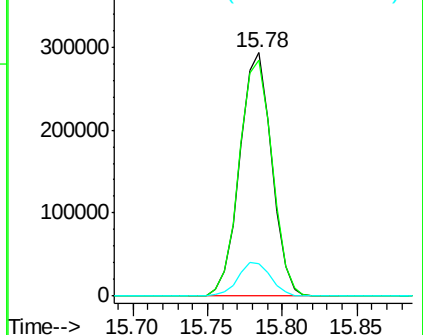
Acq: 8 Jun 2019 00:57

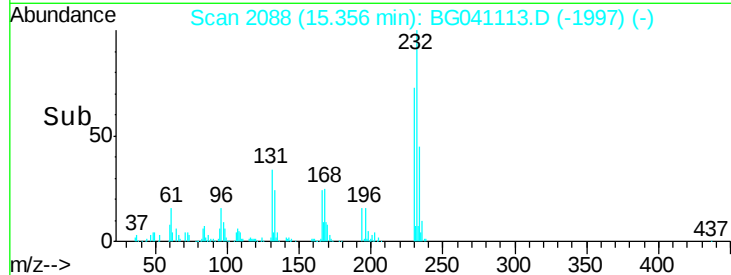
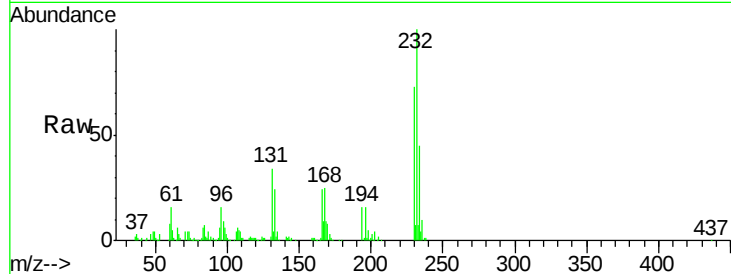
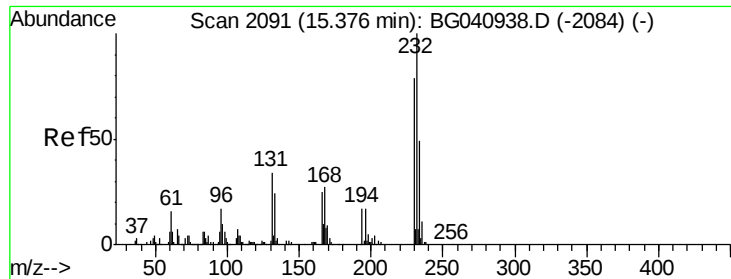
Tgt Ion:	166	Resp:	436130
Ion Ratio	Lower	Upper	
166	100		
165	96.9	80.6	121.0
167	13.5	11.6	17.4

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: 48.702 ng

RT: 15.36 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

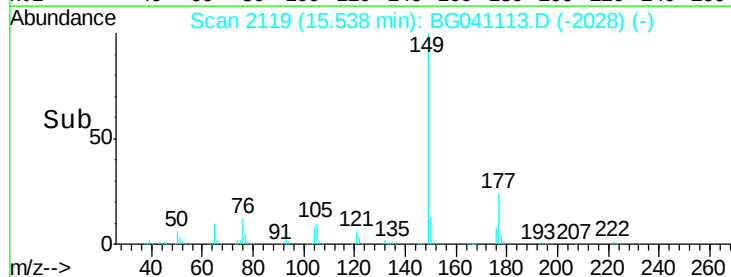
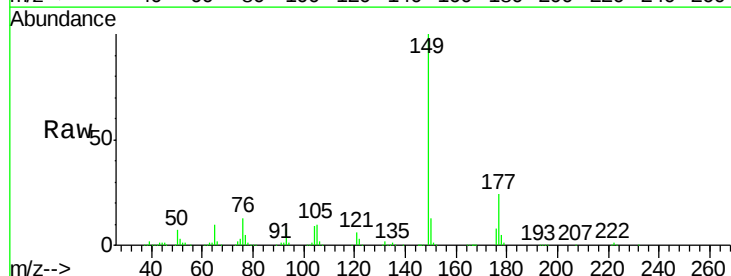
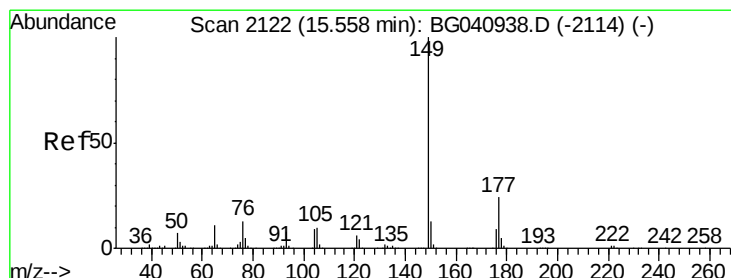
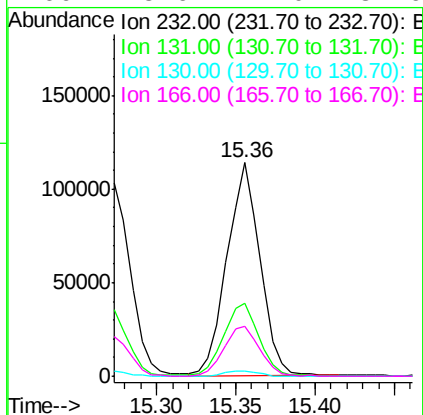
ClientSampleId :

PB120393BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	163731		
131	37.6	30.0	45.0	
130	2.5	1.7	2.5	
166	25.6	21.0	31.6	

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#60

Diethylphthalate

Concen: 44.489 ng

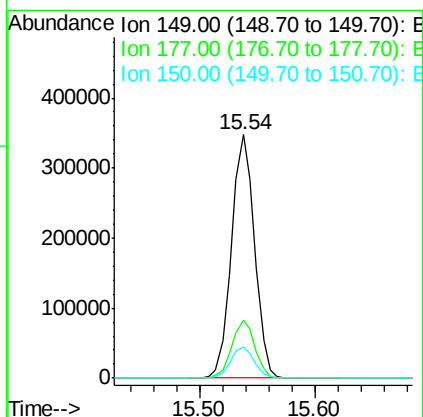
RT: 15.54 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	478130		
177	23.6	19.5	29.3	
150	12.6	10.6	15.8	





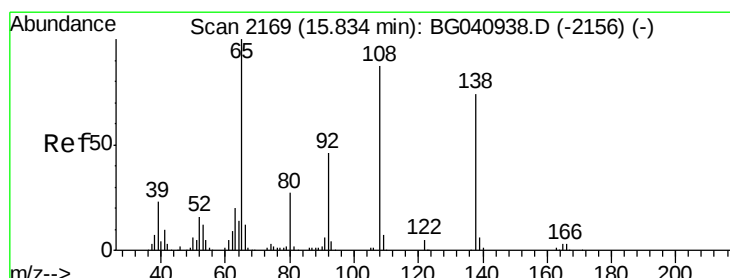
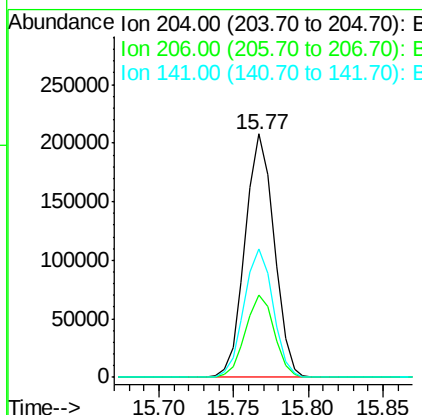
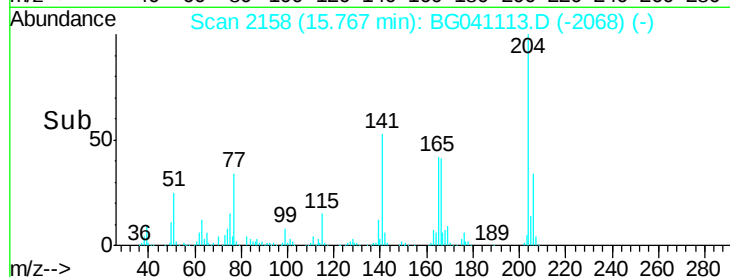
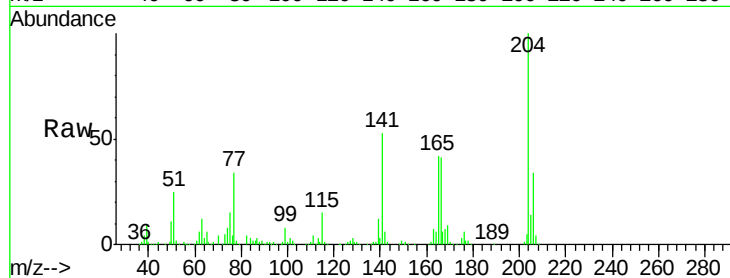
#61
4-Chlorophenyl-phenylether
Concen: 44.686 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	24.3	36.5
141	53.0	41.0	61.4

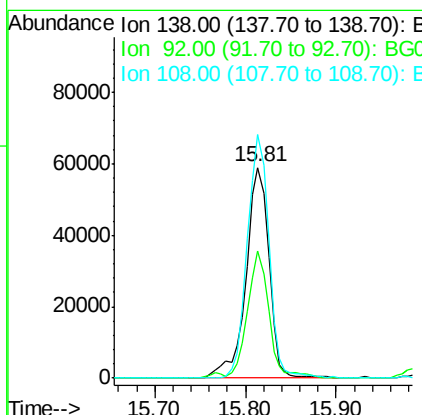
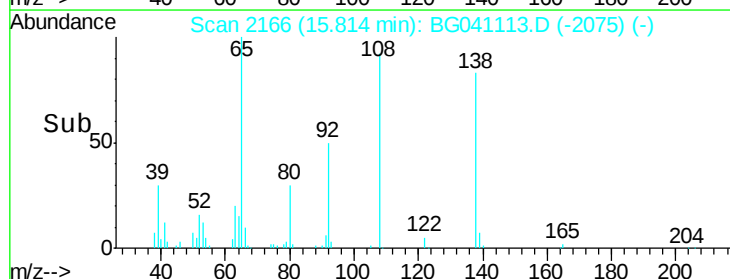
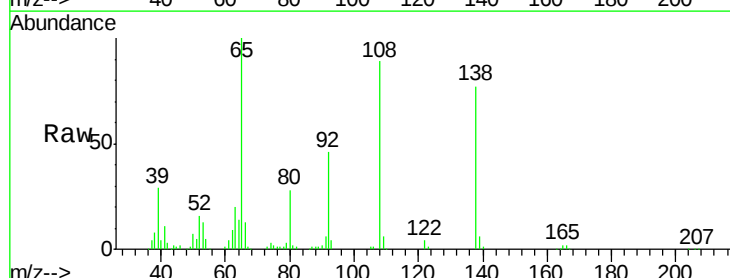
Manual Integrations
APPROVED

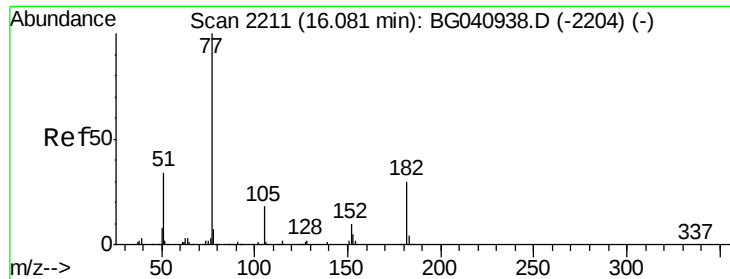
mohammad
6/11/2019 8:54:31 AM



#62
4-Nitroaniline
Concen: 43.129 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.2	37.1	77.1
108	115.7	97.0	137.0





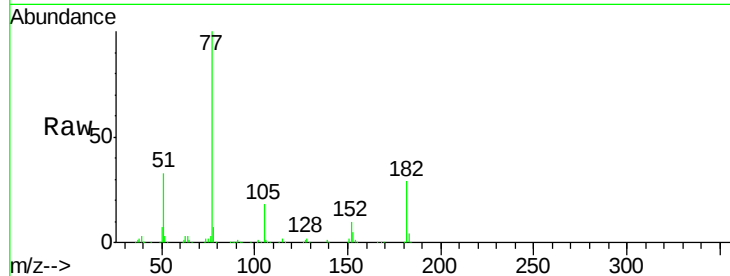
#63
Azobenzene
Concen: 45.162 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

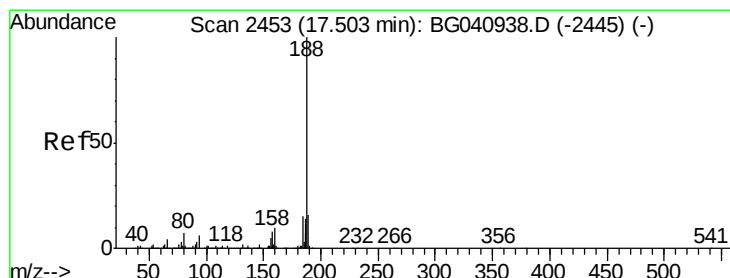
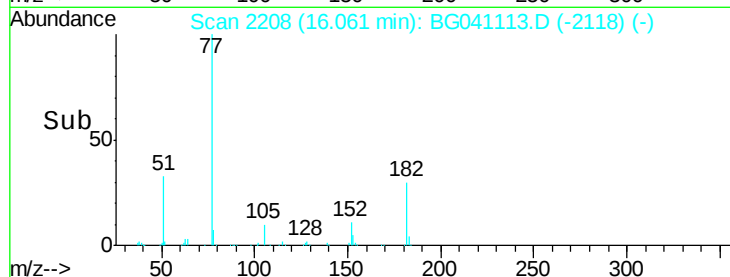
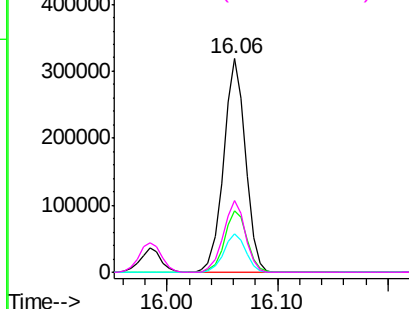
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.7	10.4	50.4		
105	18.3	0.0	38.6		
51	33.4	14.2	54.2		

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



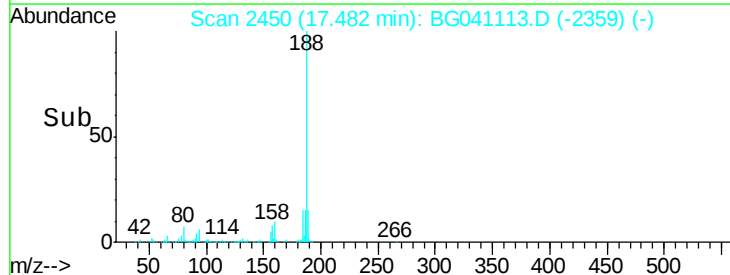
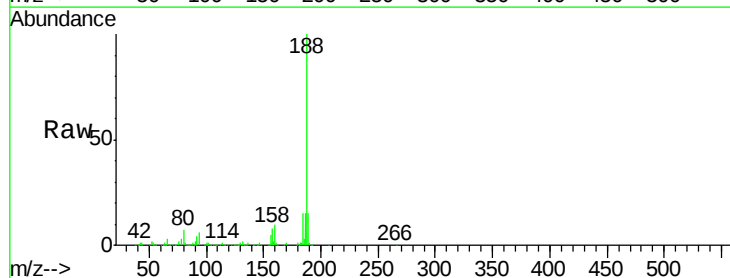
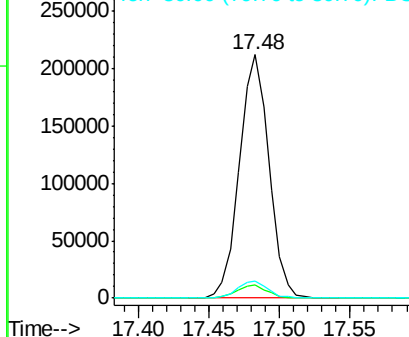
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

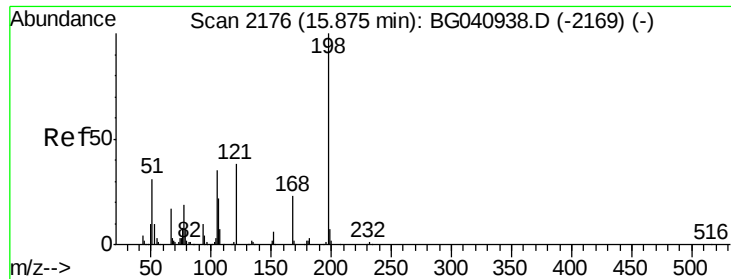


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.7	4.6	7.0		
80	7.1	5.8	8.8		

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





#65

4,6-Dinitro-2-methylphenol

Concen: 53.120 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

ClientSampleId :

PB120393BS

Tot Ion:198 Resp: 90115

Ion Ratio Lower Upper

198 100

51 40.6 22.9 62.9

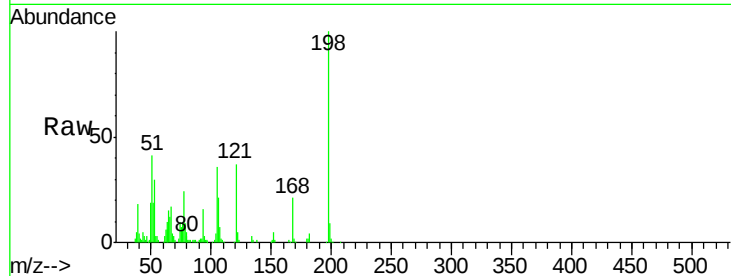
105 36.4 19.1 59.1

Manual Integrations

APPROVED

mohammad

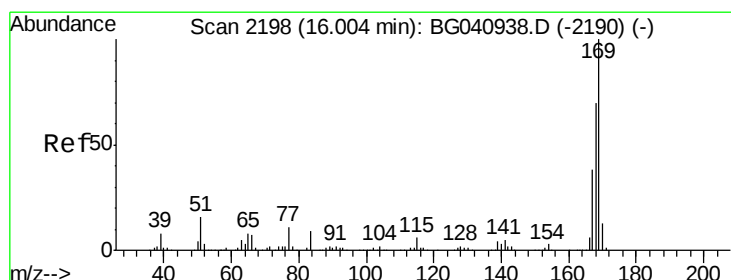
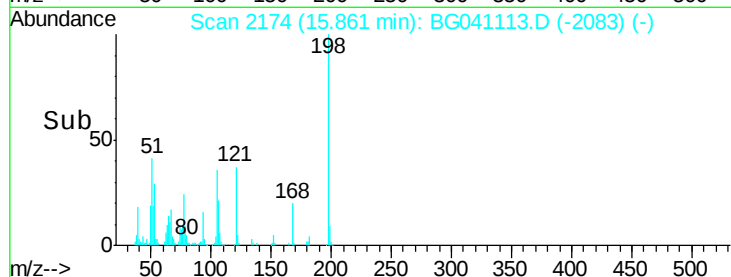
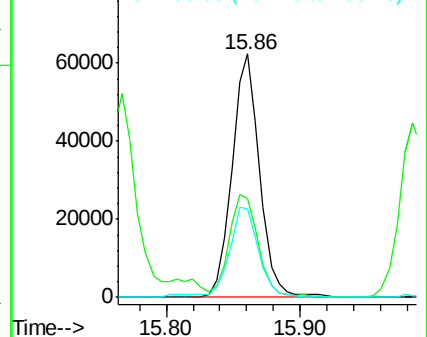
6/11/2019 8:54:31 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.125 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

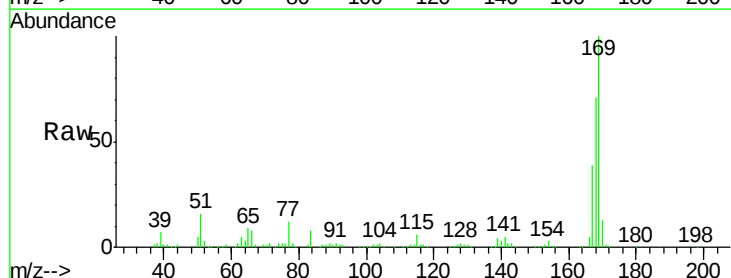
Tgt Ion:169 Resp: 402050

Ion Ratio Lower Upper

169 100

168 70.5 55.4 83.0

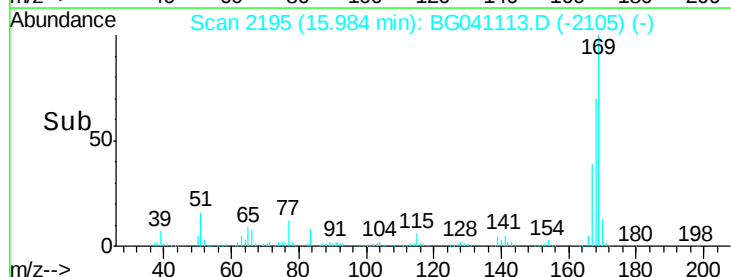
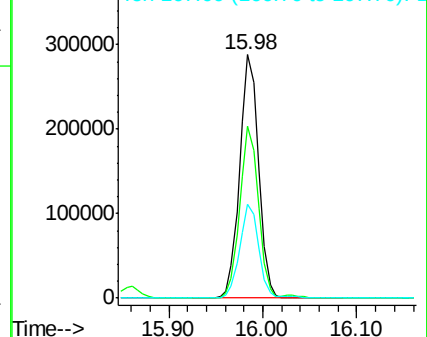
167 38.6 30.2 45.4

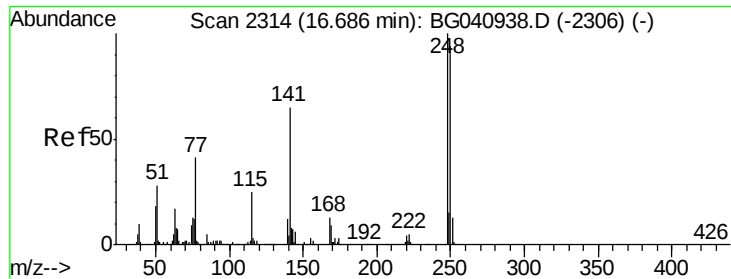


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





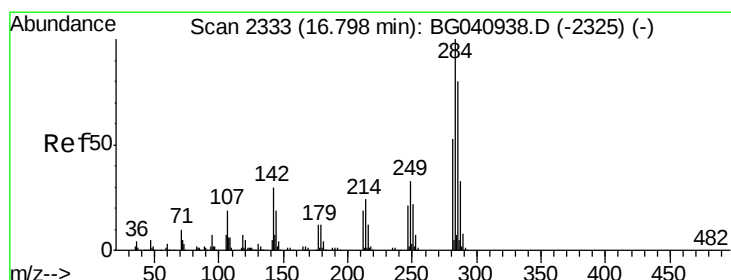
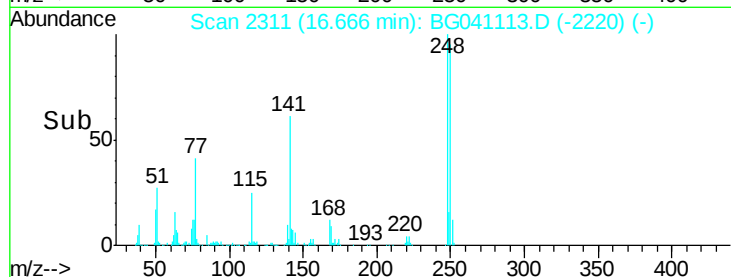
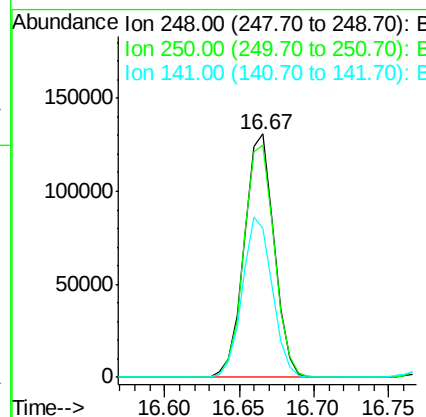
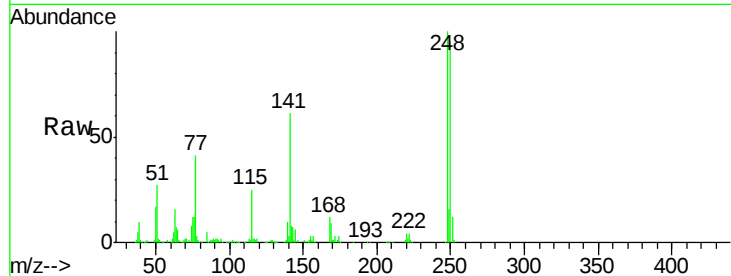
#67
4-Bromophenyl-phenylether
Concen: 43.267 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	80.9	121.3
141	61.4	56.1	84.1

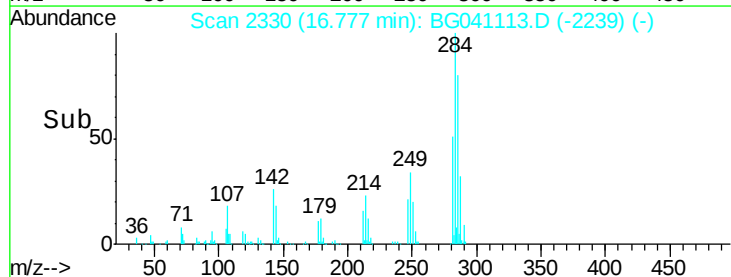
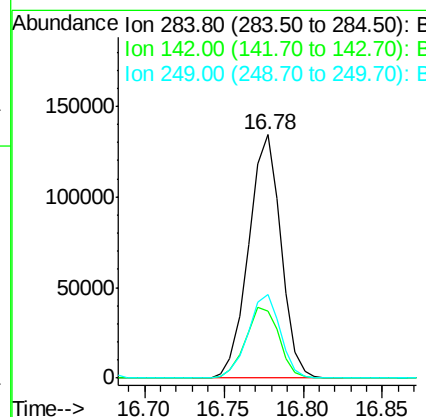
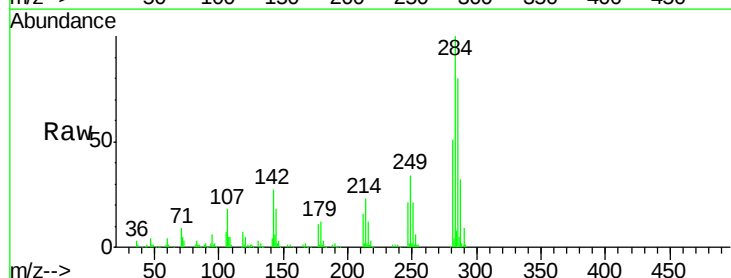
Manual Integrations
APPROVED

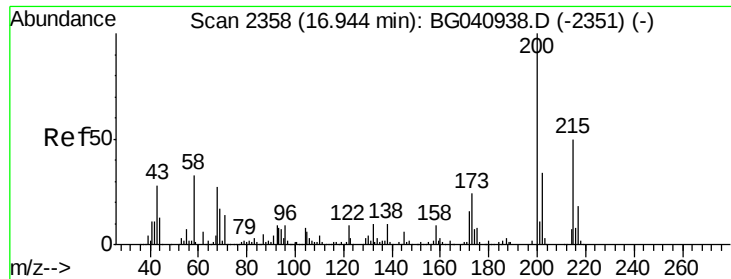
mohammad
6/11/2019 8:54:31 AM



#68
Hexachlorobenzene
Concen: 42.639 ng
RT: 16.78 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	24.2	36.2
249	34.5	26.7	40.1





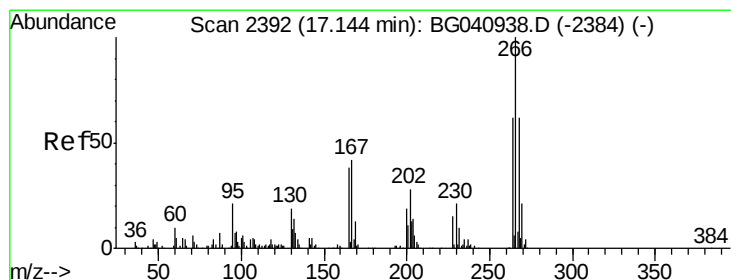
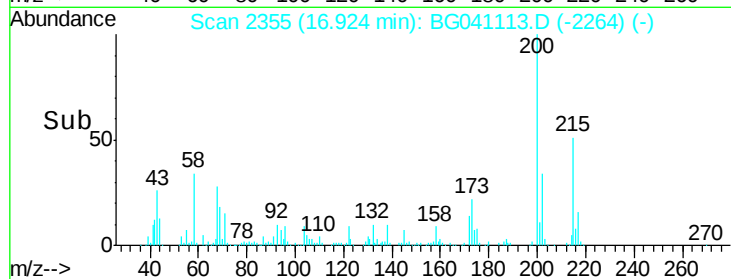
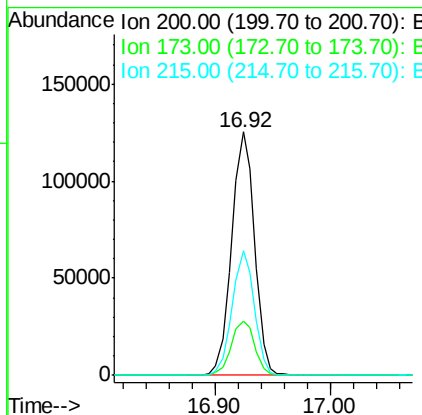
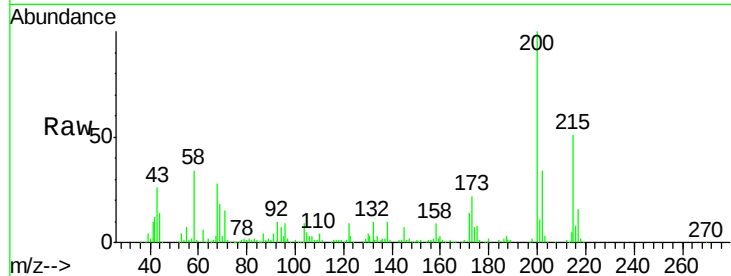
#69
Atrazine
Concen: 50.935 ng
RT: 16.92 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.3	4.5	44.5
215	51.3	32.2	72.2

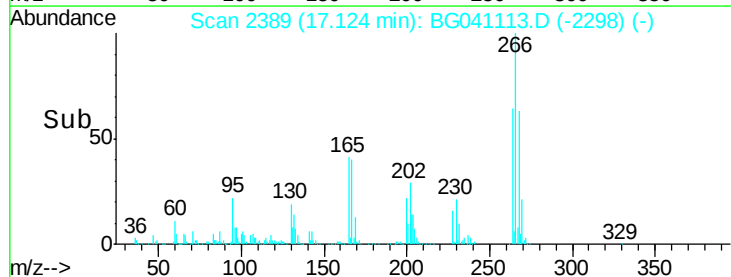
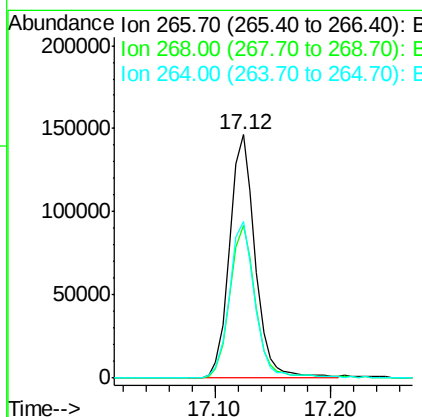
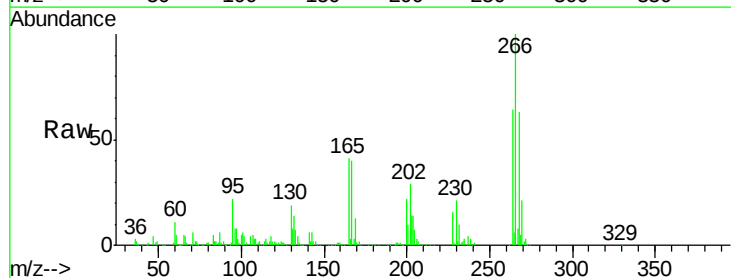
Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#70
Pentachlorophenol
Concen: 93.526 ng
RT: 17.12 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.8	52.4	78.6
264	64.4	50.5	75.7





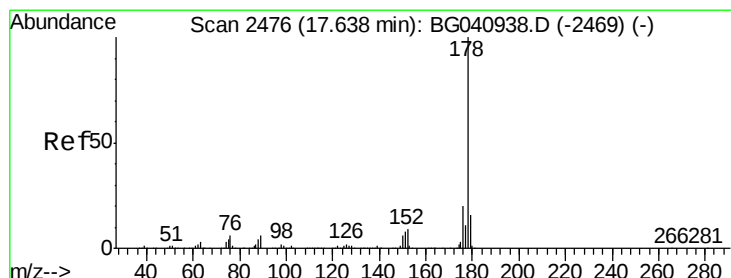
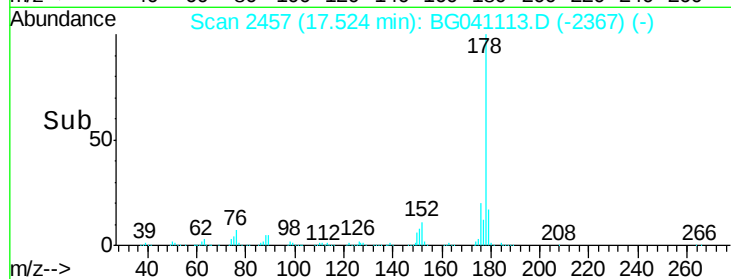
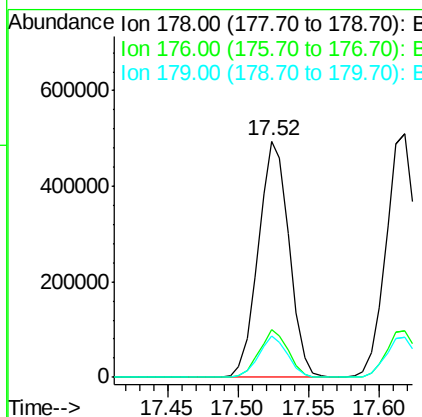
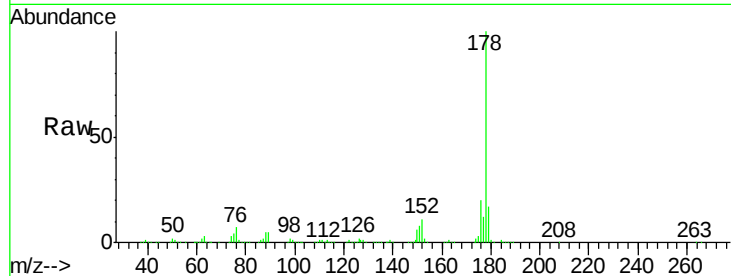
#71
Phenanthrene
Concen: 46.845 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.4	24.6
179	17.4	13.5	20.3

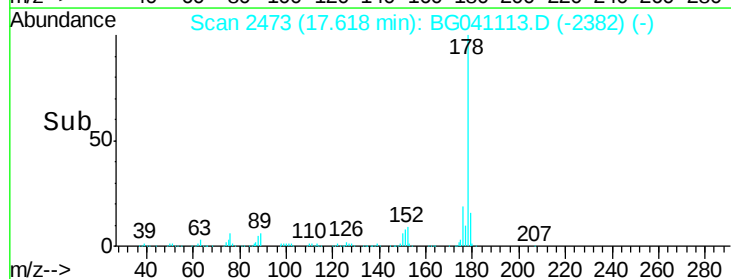
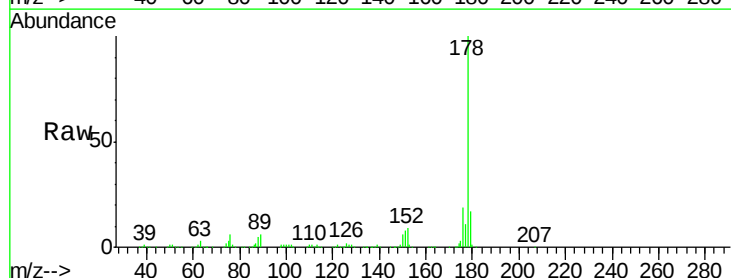
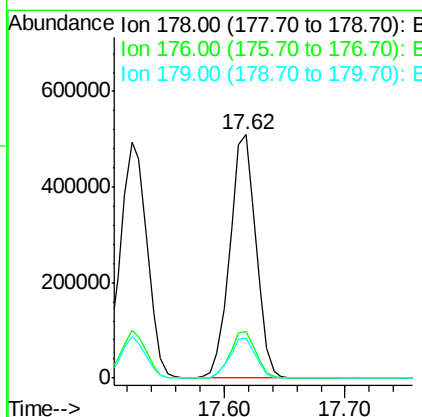
Manual Integrations
APPROVED

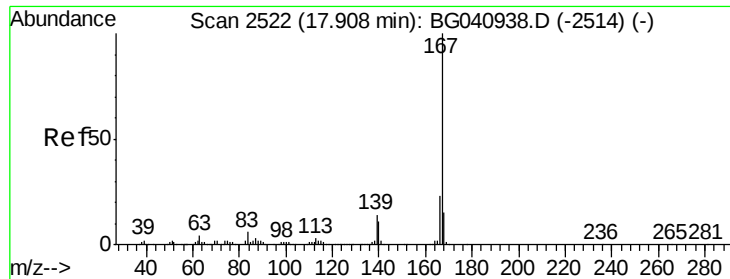
mohammad
6/11/2019 8:54:31 AM



#72
Anthracene
Concen: 48.030 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	16.5	13.0	19.6





#73

Carbazole

Concen: 48.179 ng

RT: 17.89 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

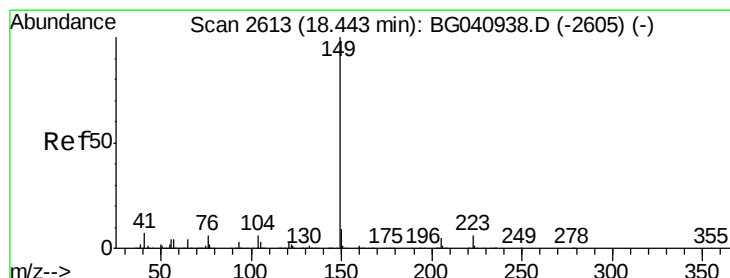
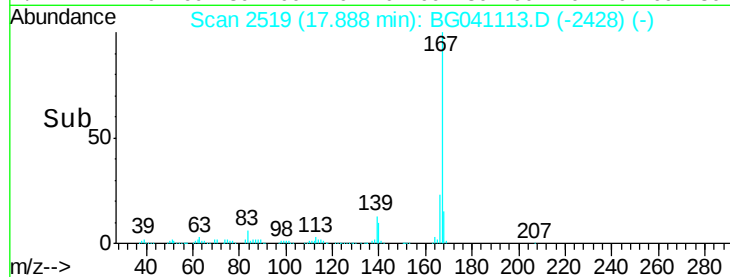
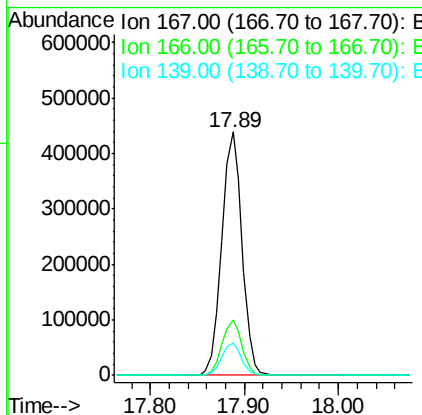
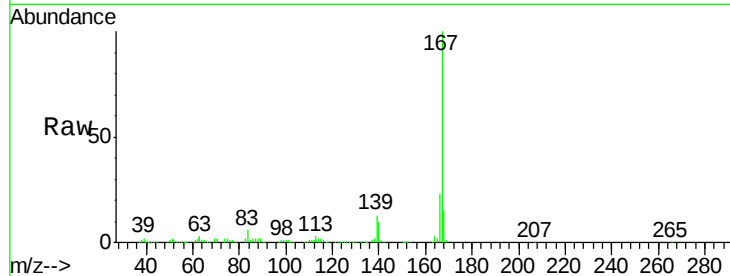
ClientSampleId :

PB120393BS

Tot Ion:	167	Resp:	658517
Ion Ratio		Lower	Upper
167	100		
166	23.0	17.4	26.2
139	13.2	10.6	15.8

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#74

Di-n-butylphthalate

Concen: 45.671 ng

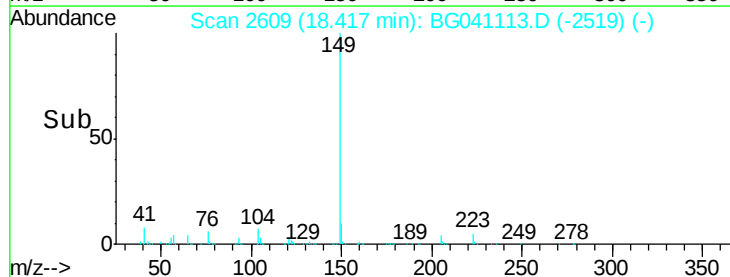
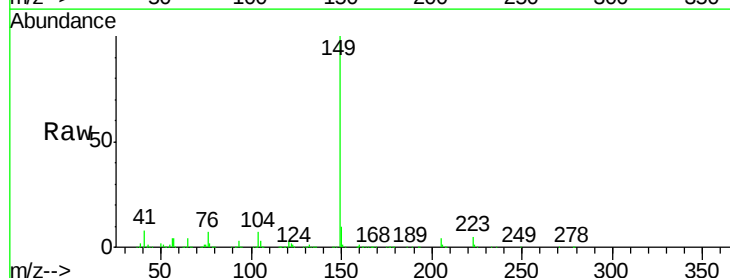
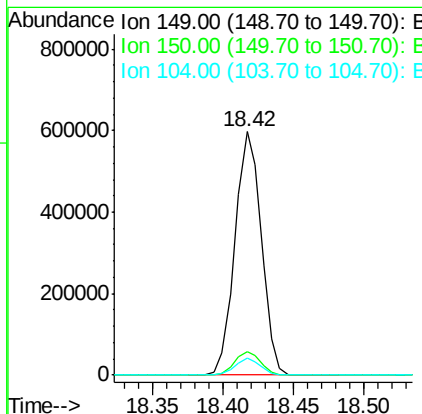
RT: 18.42 min Scan# 2609

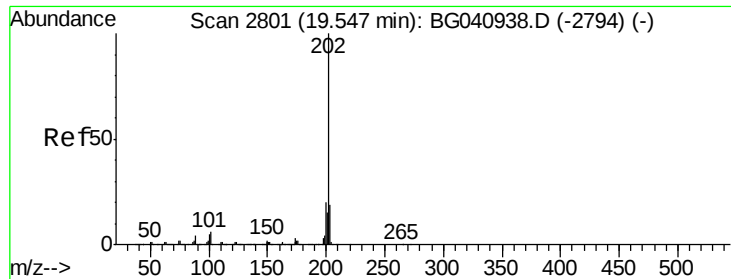
Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion:	149	Resp:	775851
Ion Ratio		Lower	Upper
149	100		
150	9.9	7.5	11.3
104	6.9	5.3	7.9





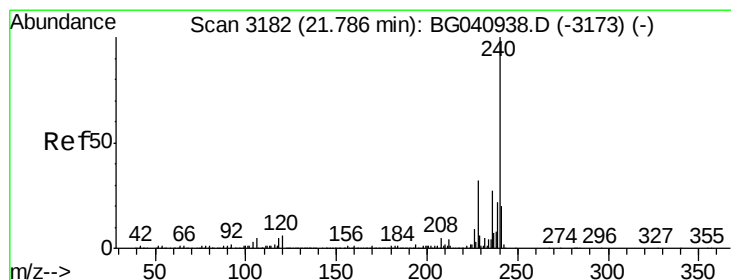
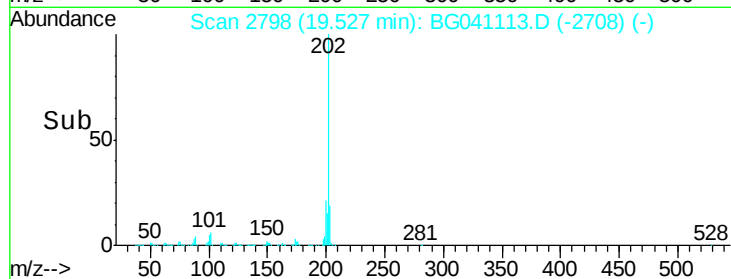
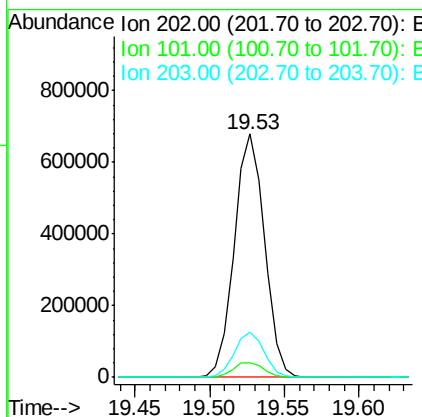
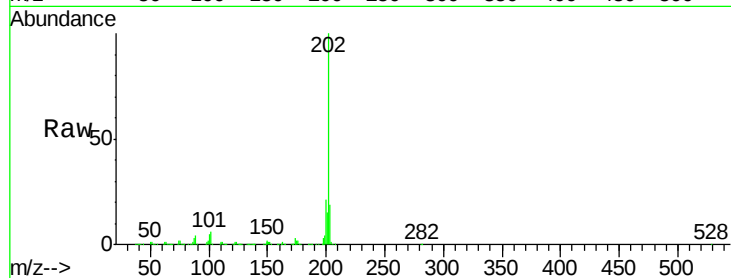
#75
Fluoranthene
Concen: 48.101 ng
RT: 19.53 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.1	0.0	26.0
203	18.7	0.0	39.5

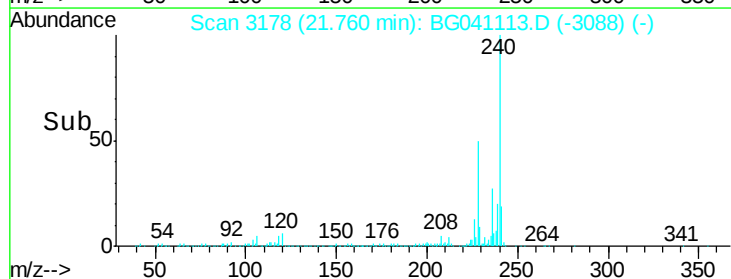
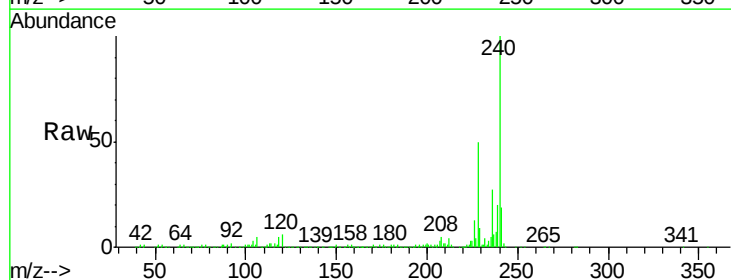
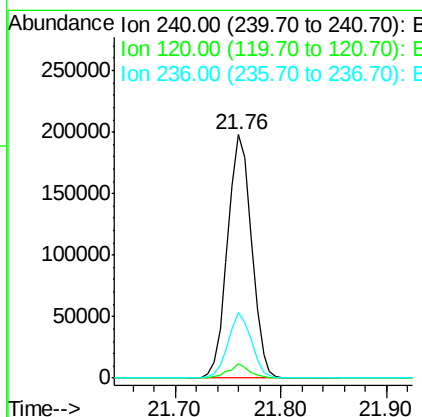
Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.8	4.6	6.8
236	27.2	20.6	31.0





#77

Benzidine

Concen: 48.813 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

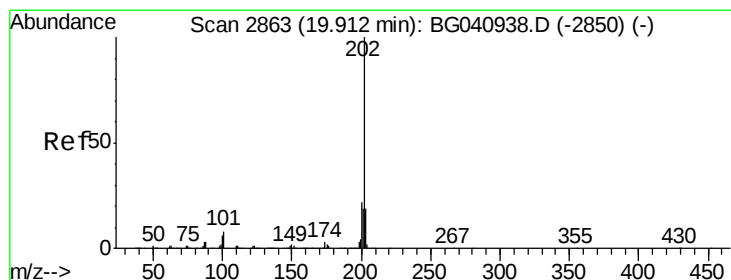
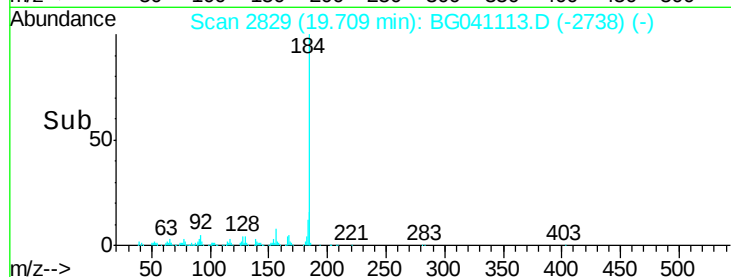
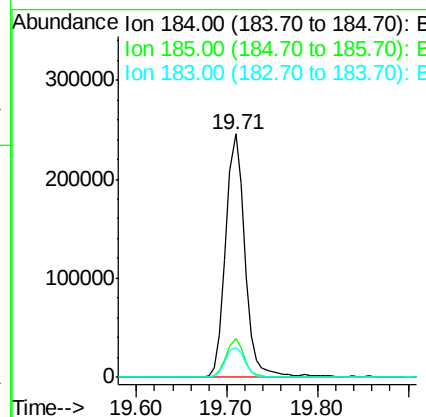
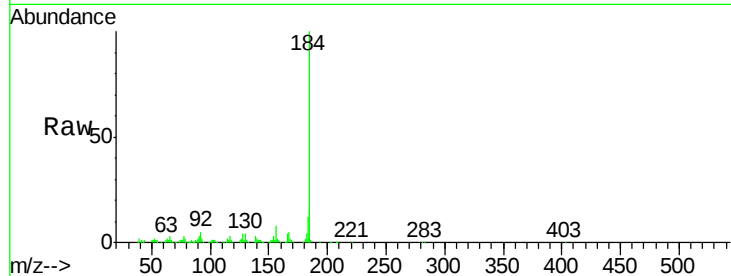
ClientSampleId :

PB120393BS

Tot Ion:	184	Resp:	362579
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.6	18.8
183	12.2	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#78

Pyrene

Concen: 47.579 ng

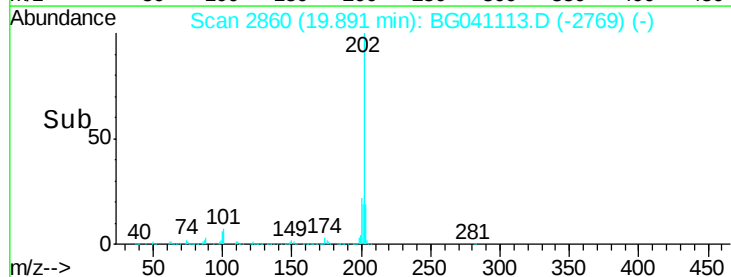
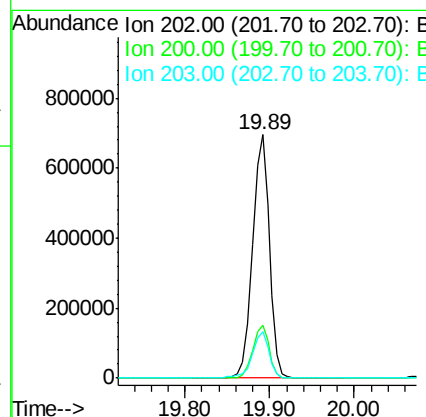
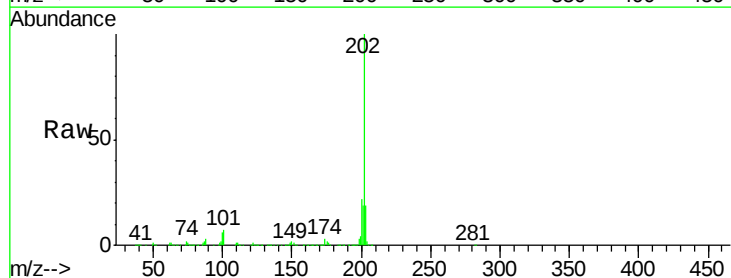
RT: 19.89 min Scan# 2860

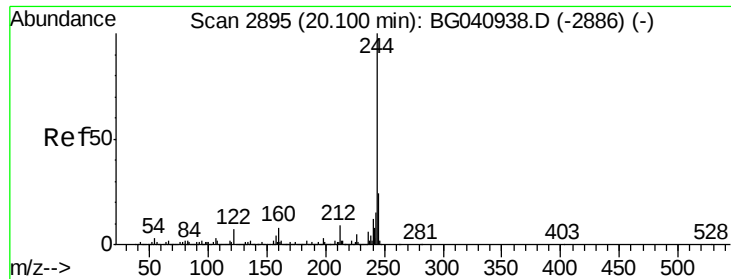
Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion:	202	Resp:	963061
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.2	25.8
203	19.2	13.9	20.9





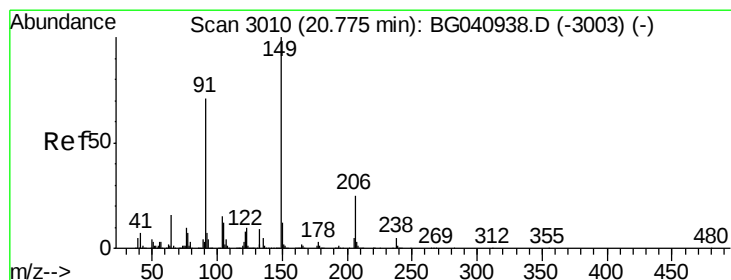
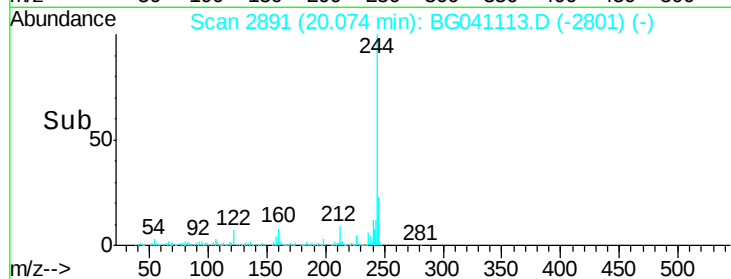
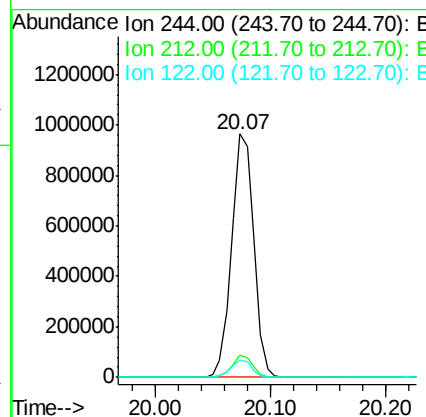
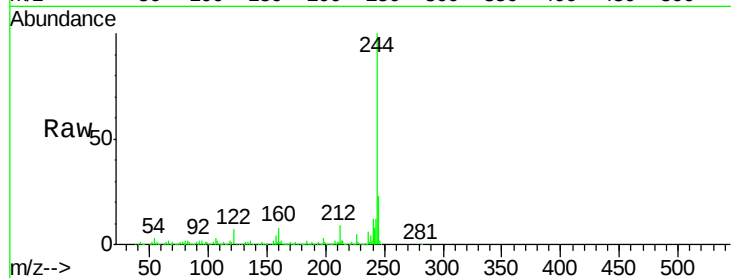
#79
Terphenyl-d14
Concen: 86.879 ng
RT: 20.07 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.9	10.3
122	7.2	5.4	8.0

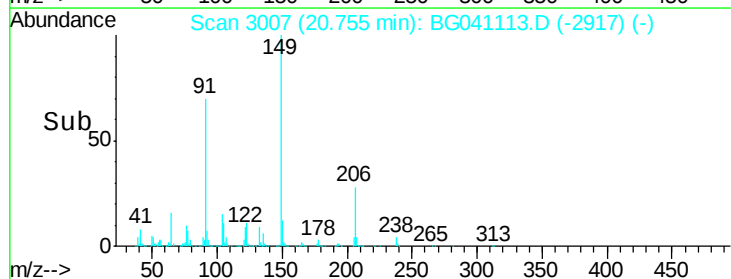
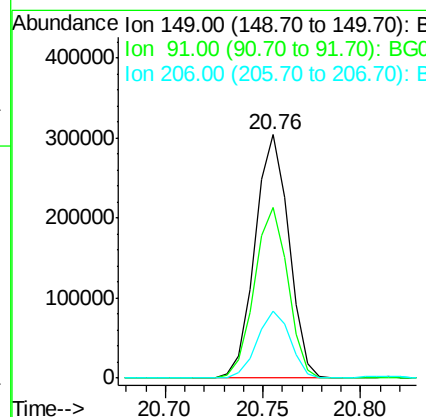
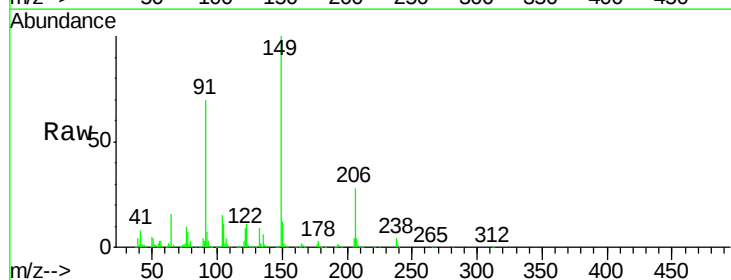
Manual Integrations
APPROVED

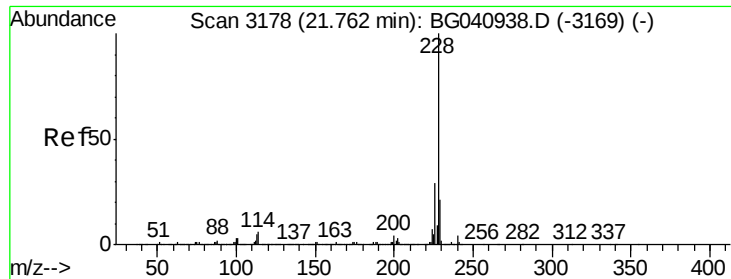
mohammad
6/11/2019 8:54:31 AM



#80
Butylbenzylphthalate
Concen: 46.347 ng
RT: 20.76 min Scan# 3007
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.1	54.4	81.6
206	27.6	22.2	33.2





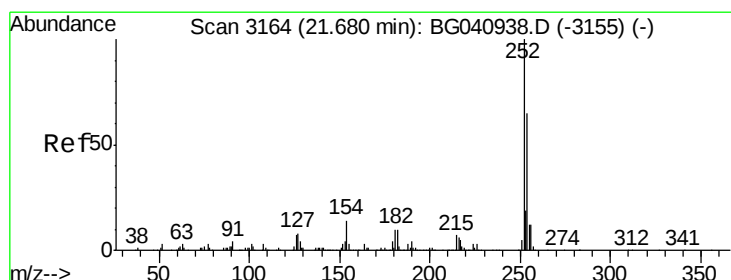
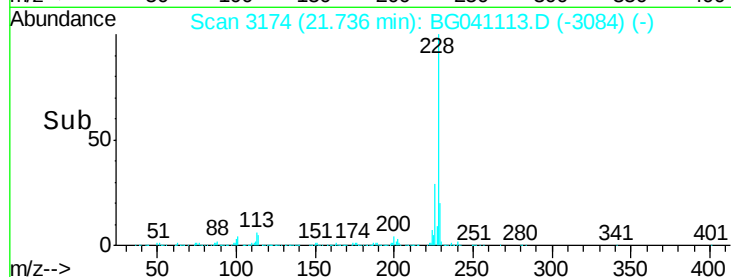
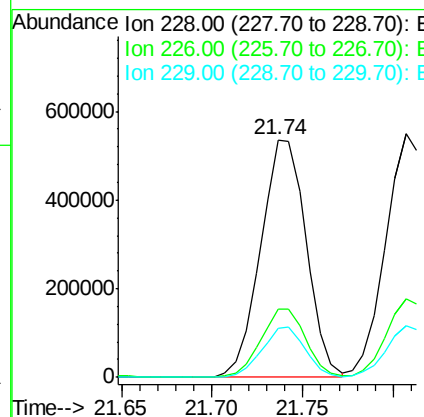
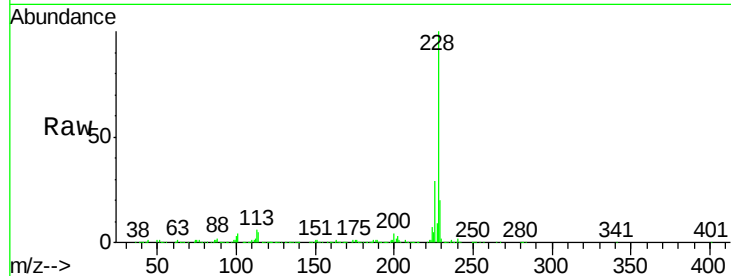
#81
Benzo(a)anthracene
Concen: 45.143 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.2	33.4
229	20.5	16.6	25.0

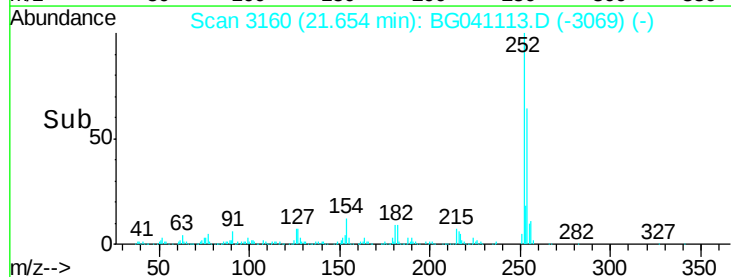
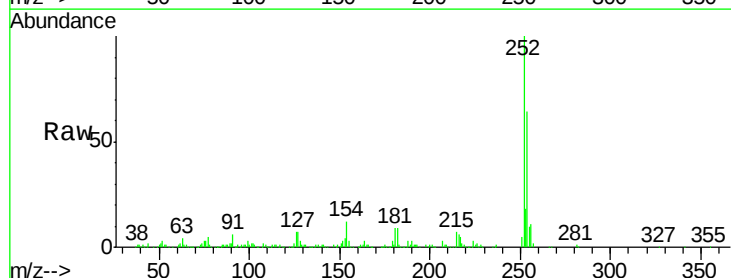
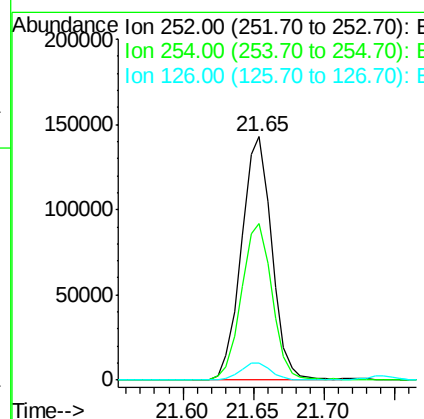
Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#82
3,3'-Dichlorobenzidine
Concen: 29.551 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.3	78.5
126	7.2	6.2	9.2





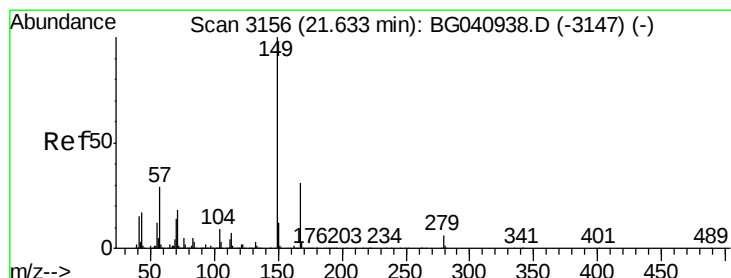
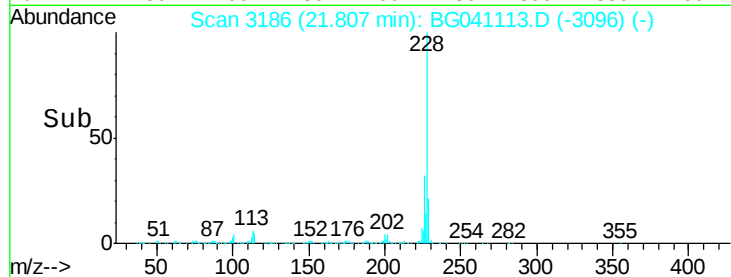
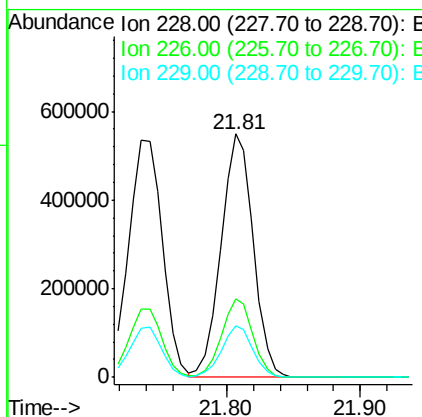
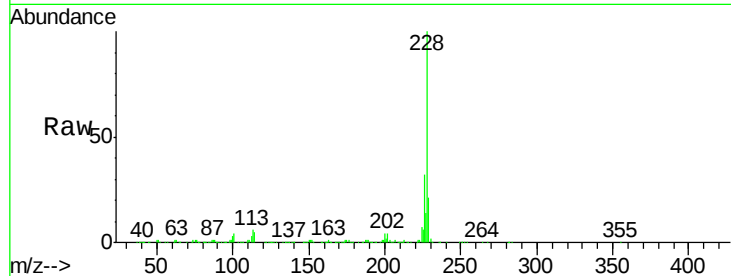
#83
 Chrysene
 Concen: 46.555 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BS

Tot Ion:	228	Resp:	923406
Ion Ratio	Lower	Upper	
228	100		
226	32.4	25.8	38.6
229	21.3	17.0	25.4

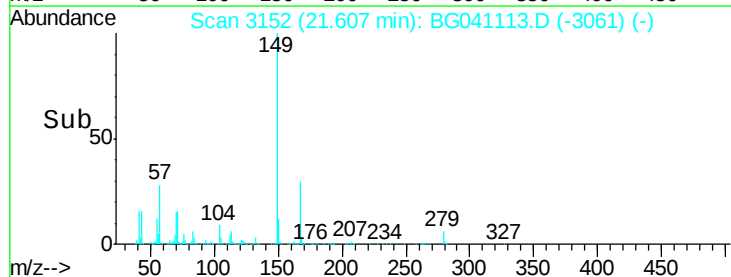
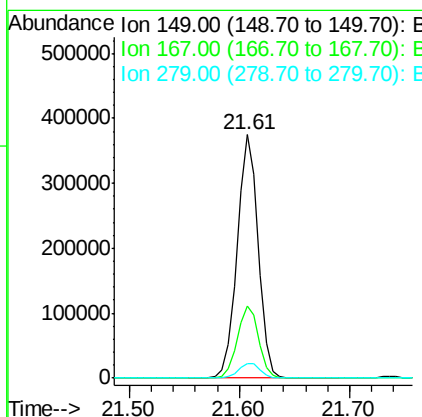
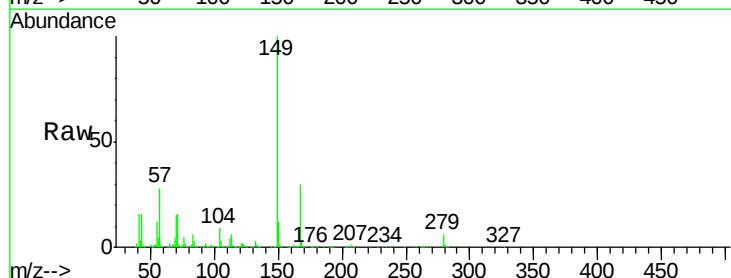
Manual Integrations
 APPROVED

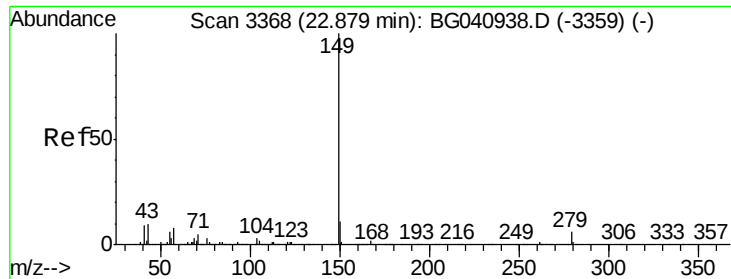
mohammad
 6/11/2019 8:54:31 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.977 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG041113.D
 Acq: 8 Jun 2019 00:57

Tgt Ion:	149	Resp:	498738
Ion Ratio	Lower	Upper	
149	100		
167	29.6	24.4	36.6
279	5.9	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 46.504 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

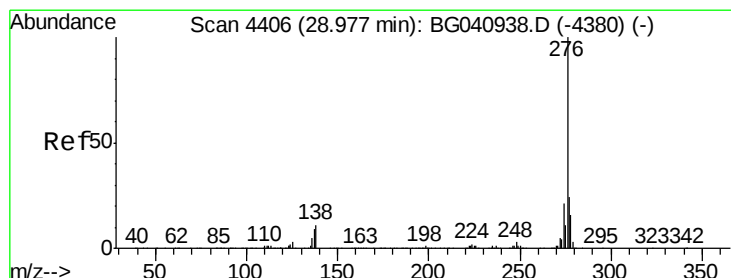
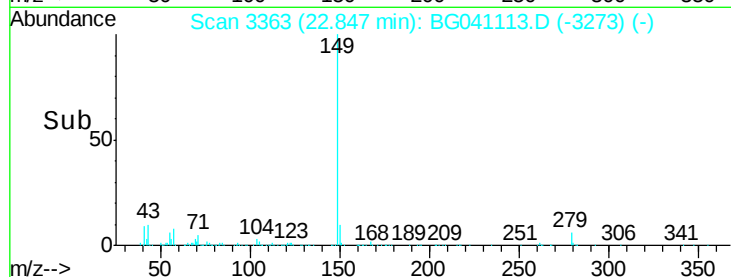
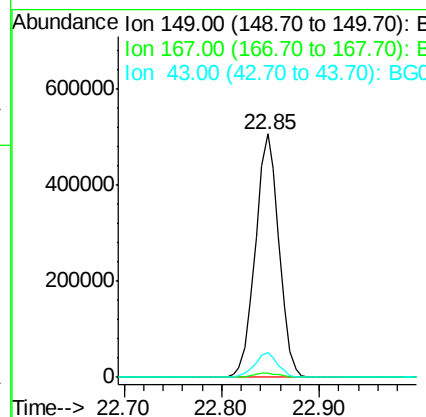
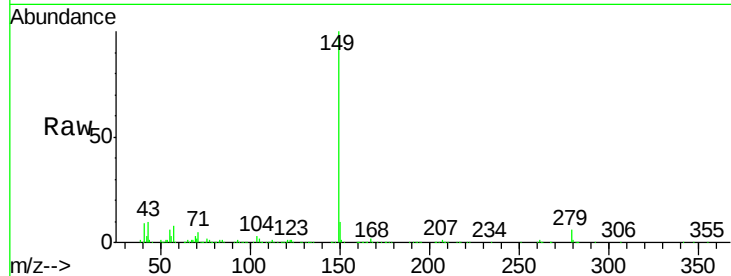
ClientSampleId :

PB120393BS

Tot Ion:	149	Resp:	858817
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	9.9	8.0	12.0

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.028 ng

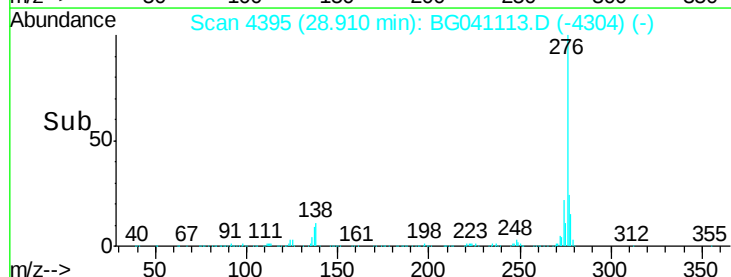
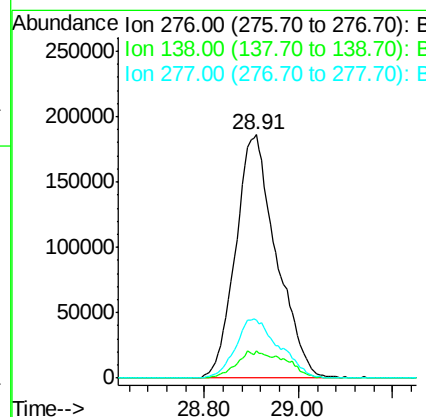
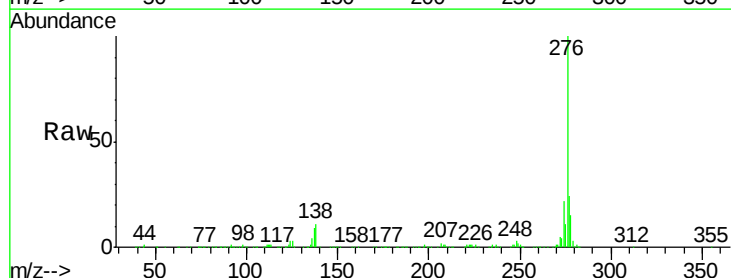
RT: 28.91 min Scan# 4395

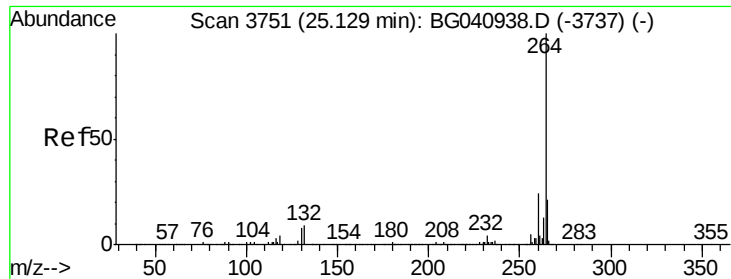
Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion:	276	Resp:	1118339
Ion Ratio	Lower	Upper	
276	100		
138	4.9	7.4	11.0#
277	25.9	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

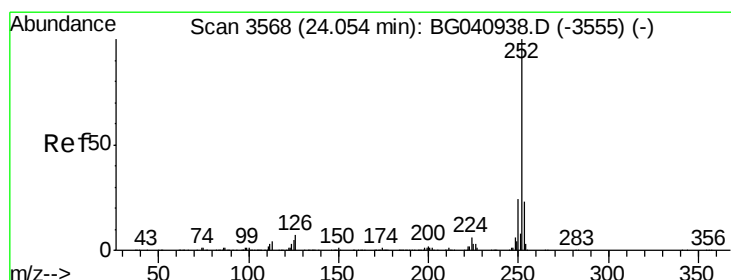
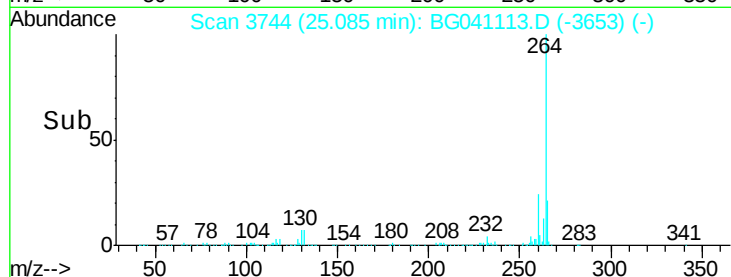
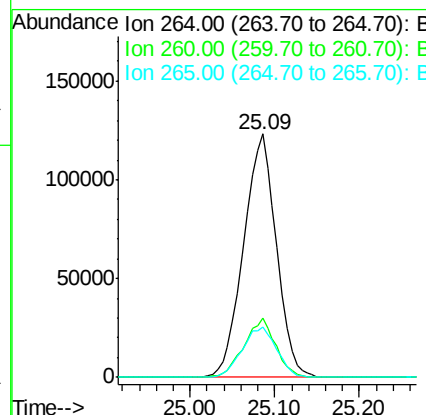
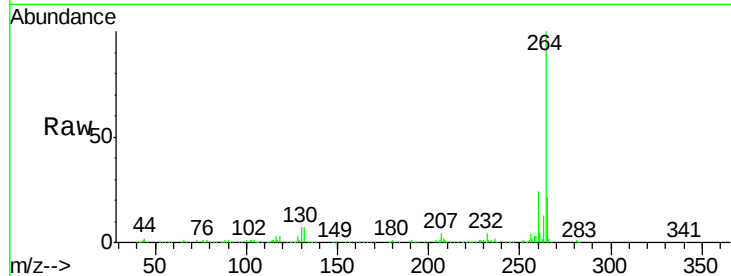
ClientSampleId :

PB120393BS

Tot Ion:	264	Resp:	331456
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.1	28.7
265	20.6	17.6	26.4

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#88

Benzo(b)fluoranthene

Concen: 47.896 ng

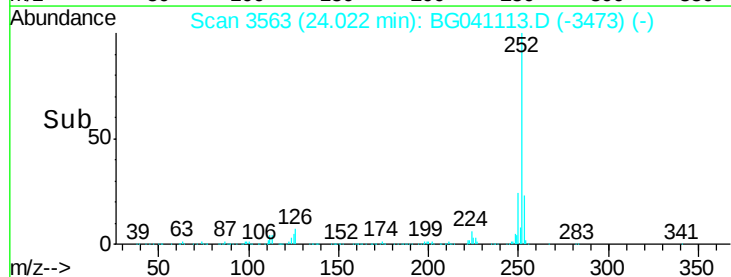
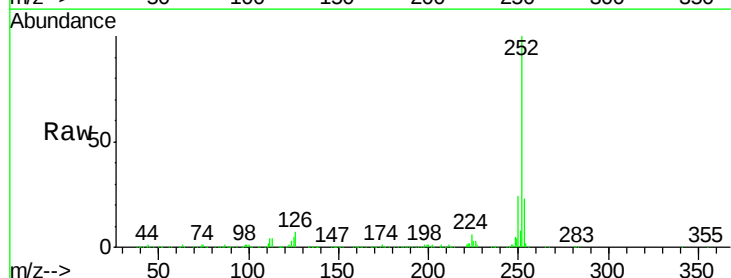
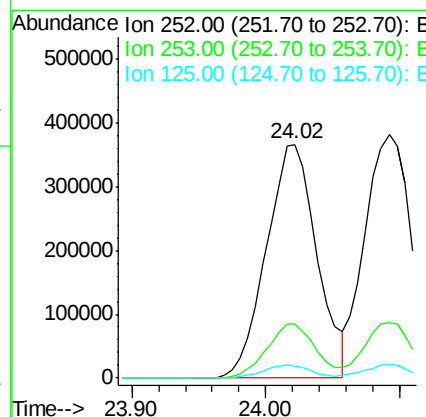
RT: 24.02 min Scan# 3563

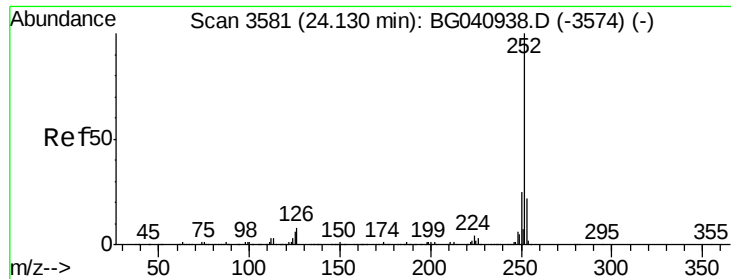
Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion:	252	Resp:	962891
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.6
125	5.3	4.1	6.1





#89

Benzo(k)fluoranthene

Concen: 46.250 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Instrument :

BNA_G

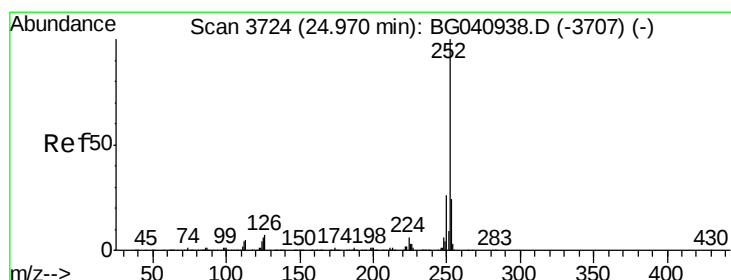
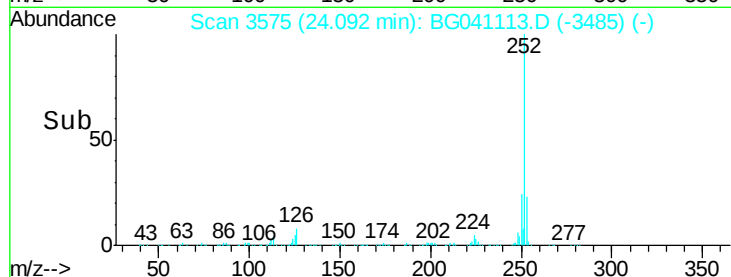
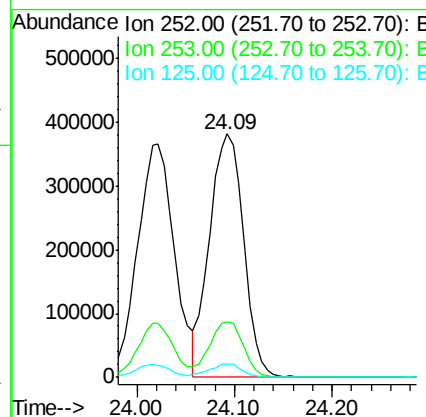
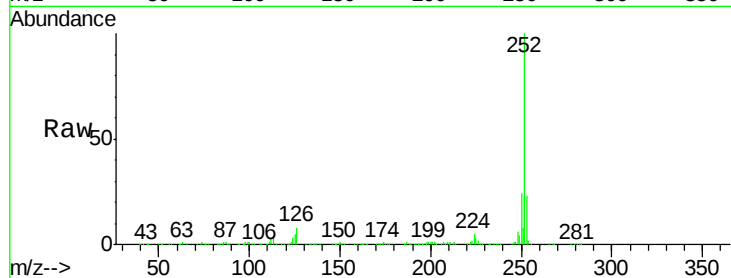
ClientSampleId :

PB120393BS

Tot Ion:	252	Resp:	920098
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.6	27.8
125	5.2	4.1	6.1

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#90

Benzo(a)pyrene

Concen: 48.492 ng

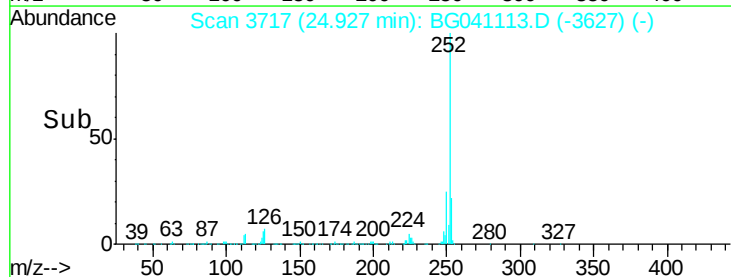
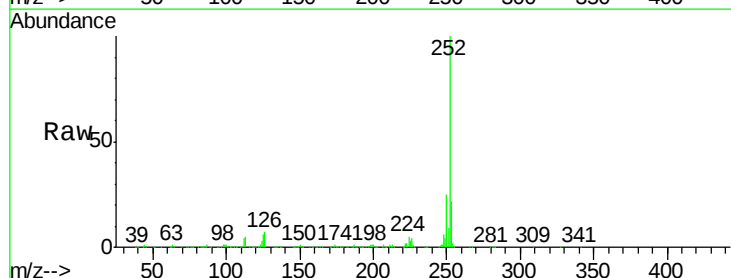
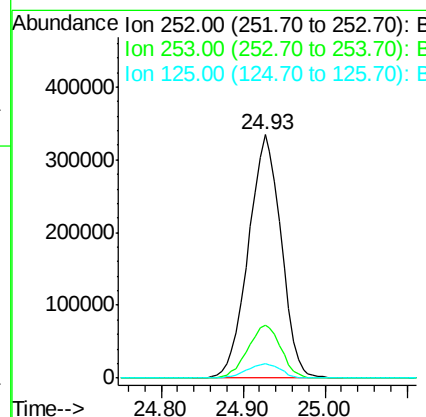
RT: 24.93 min Scan# 3717

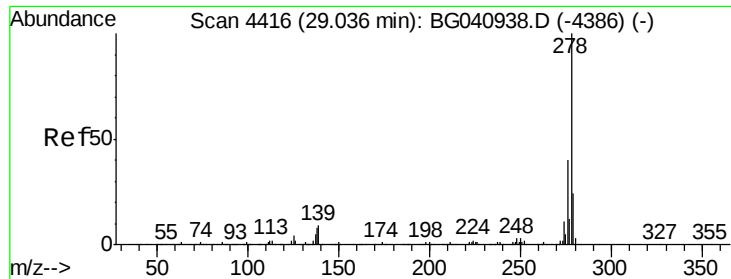
Delta R.T. -0.00 min

Lab File: BG041113.D

Acq: 8 Jun 2019 00:57

Tgt Ion:	252	Resp:	930104
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	5.9	4.7	7.1





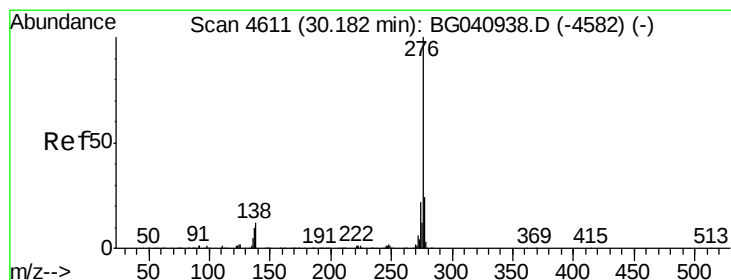
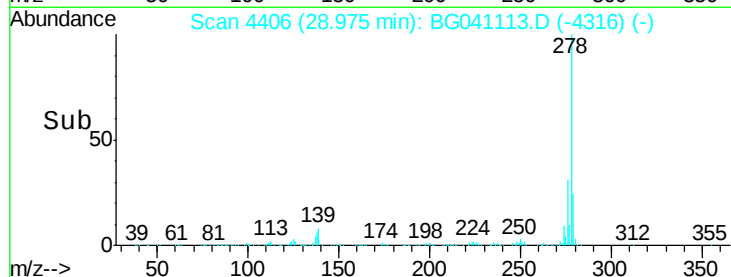
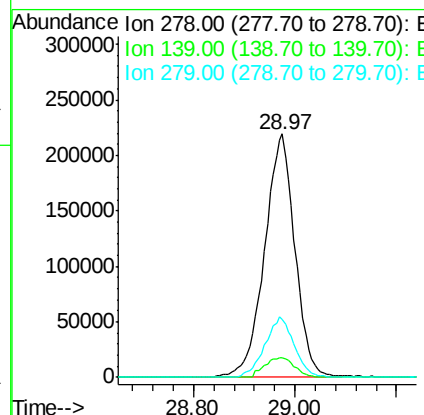
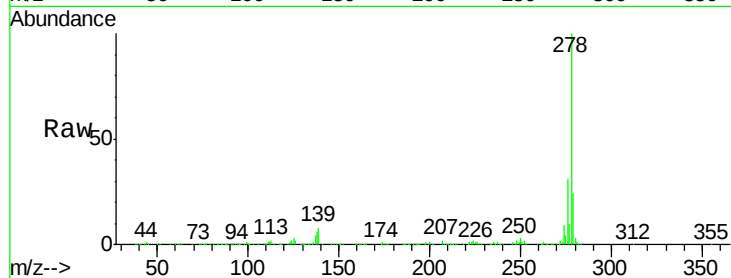
#91
Dibenzo(a,h)anthracene
Concen: 47.803 ng
RT: 28.97 min Scan# 4406
Delta R.T. -0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.2	7.0	10.6
279	23.7	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/11/2019 8:54:31 AM



#92
Benzo(g,h,i)perylene
Concen: 49.744 ng
RT: 30.11 min Scan# 4600
Delta R.T. 0.00 min
Lab File: BG041113.D
Acq: 8 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.7	28.1
138	10.6	9.1	13.7

