

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
 Data File : BG042363.D
 Acq On : 20 Aug 2019 18:40
 Operator : HP/JU
 Sample : PB122401BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122401BS

Manual Integrations
 APPROVED

mohammad
 8/22/2019 12:49:08 PM

Quant Time: Aug 21 11:56:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	68512	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	277493	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	198578	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	432541	20.00	ng	0.00
76) Chrysene-d12	21.70	240	426517	20.00	ng	0.00
87) Perylene-d12	24.94	264	433850	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	433835	128.30	ng	0.02
7) Phenol-d6	7.19	99	553628	120.55	ng	0.02
23) Nitrobenzene-d5	9.18	82	310904	78.80	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	309587	114.47	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	924411	78.77	ng	0.00
79) Terphenyl-d14	20.03	244	1520936	78.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	58474	40.098	ng	99
3) Pyridine	3.83	79	129789	34.746	ng	100
4) n-Nitrosodimethylamine	3.75	42	55541	43.188	ng	100
6) Aniline	7.33	93	185229	30.561	ng	98
8) 2-Chlorophenol	7.58	128	186048	45.258	ng	97
9) Benzaldehyde	7.15	77	47757	18.487	ng	98
10) Phenol	7.21	94	212950	45.609	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	155009	42.033	ng	98
12) 1,3-Dichlorobenzene	7.90	146	210699	40.272	ng	99
13) 1,4-Dichlorobenzene	8.05	146	213365	40.490	ng	100
14) 1,2-Dichlorobenzene	8.37	146	202948	40.356	ng	98
15) Benzyl Alcohol	8.26	79	136106	43.093	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	204863	40.284	ng	99
17) 2-Methylphenol	8.47	107	149661	43.351	ng	98
18) Hexachloroethane	9.11	117	70962	39.183	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	117815	39.885	ng	98
20) 3+4-Methylphenols	8.80	107	205238	42.971	ng	98
22) Acetophenone	8.84	105	249045	42.239	ng	97
24) Nitrobenzene	9.23	77	173049	43.045	ng	99
25) Isophorone	9.75	82	324572	41.140	ng	98
26) 2-Nitrophenol	9.94	139	109852	43.956	ng	99
27) 2,4-Dimethylphenol	10.01	122	177793	51.280	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	207488	40.829	ng	98
29) 2,4-Dichlorophenol	10.49	162	205484	44.574	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	227463	40.366	ng	97
31) Naphthalene	10.89	128	542826	42.212	ng	99
32) Benzoic acid	10.17	122	106659	43.242	ng	99
33) 4-Chloroaniline	10.99	127	144225	24.595	ng	99
34) Hexachlorobutadiene	11.18	225	145309	38.480	ng	97
35) Caprolactam	11.76	113	63953m	43.527	ng	
36) 4-Chloro-3-methylphenol	12.13	107	185571	43.067	ng	97
37) 2-Methylnaphthalene	12.50	142	426488	41.373	ng	99
38) 1-Methylnaphthalene	12.72	142	402998	41.042	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	264767	41.365	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
 Data File : BG042363.D
 Acq On : 20 Aug 2019 18:40
 Operator : HP/JU
 Sample : PB122401BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122401BS

Manual Integrations
 APPROVED

mohammad
 8/22/2019 12:49:08 PM

Quant Time: Aug 21 11:56:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	323355	86.881	nq	98
43) 2,4,6-Trichlorophenol	13.10	196	182687	42.643	nq	99
44) 2,4,5-Trichlorophenol	13.19	196	193694	43.898	nq	99
46) 1,1'-Biphenyl	13.50	154	549182	42.390	nq	98
47) 2-Chloronaphthalene	13.54	162	450776	40.813	nq	100
48) 2-Nitroaniline	13.74	65	106269	40.711	nq	98
49) Acenaphthylene	14.39	152	702897	42.333	nq	99
50) Dimethylphthalate	14.12	163	573789	40.664	nq	99
51) 2,6-Dinitrotoluene	14.24	165	139932	42.372	nq	98
52) Acenaphthene	14.74	154	414958	40.968	nq	99
53) 3-Nitroaniline	14.57	138	97498	30.025	nq	99
54) 2,4-Dinitrophenol	14.78	184	158884	74.888	nq	98
55) Dibenzofuran	15.07	168	693981	42.064	nq	98
56) 4-Nitrophenol	14.90	139	259399	110.730	nq	98
57) 2,4-Dinitrotoluene	15.03	165	194526	42.130	nq	98
58) Fluorene	15.72	166	561033	41.802	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	190304m	44.408	nq	
60) Diethylphthalate	15.48	149	556005	40.728	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	326782	40.546	nq	100
62) 4-Nitroaniline	15.74	138	133472	38.897	nq	99
63) Azobenzene	16.00	77	400513	42.100	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	115928	43.926	nq	98
66) n-Nitrosodiphenylamine	15.92	169	525663	43.431	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	223484	40.601	nq	99
68) Hexachlorobenzene	16.73	284	231721	39.299	nq	97
69) Atrazine	16.88	200	187404	45.172	nq	97
70) Pentachlorophenol	17.07	266	302885	96.501	nq	98
71) Phenanthrene	17.46	178	916170	42.529	nq	99
72) Anthracene	17.55	178	931953	43.377	nq	99
73) Carbazole	17.82	167	839178	43.970	nq	100
74) Di-n-butylphthalate	18.38	149	953848	42.845	nq	99
75) Fluoranthene	19.47	202	1134180	43.660	nq	99
77) Benzidine	19.65	184	264279	23.370	nq	99
78) Pyrene	19.84	202	1126664	42.930	nq	99
80) Butylbenzylphthalate	20.72	149	437020	42.015	nq	97
81) Benzo(a)anthracene	21.68	228	1079206	41.202	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	385373	36.965	nq	100
83) Chrysene	21.74	228	1059031	42.266	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	608838	41.981	nq	99
85) Di-n-octyl phthalate	22.80	149	1063030	42.972	nq	# 90
86) Indeno(1,2,3-cd)pyrene	28.65	276	1388648	41.508	nq	99
88) Benzo(b)fluoranthene	23.91	252	1193342	50.042	nq	99
89) Benzo(k)fluoranthene	23.98	252	1182100	50.712	nq	99
90) Benzo(a)pyrene	24.79	252	1175510	51.444	nq	99
91) Dibenzo(a,h)anthracene	28.71	278	1150849	50.485	nq	99
92) Benzo(g,h,i)perylene	29.81	276	1164084	51.245	nq	99

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

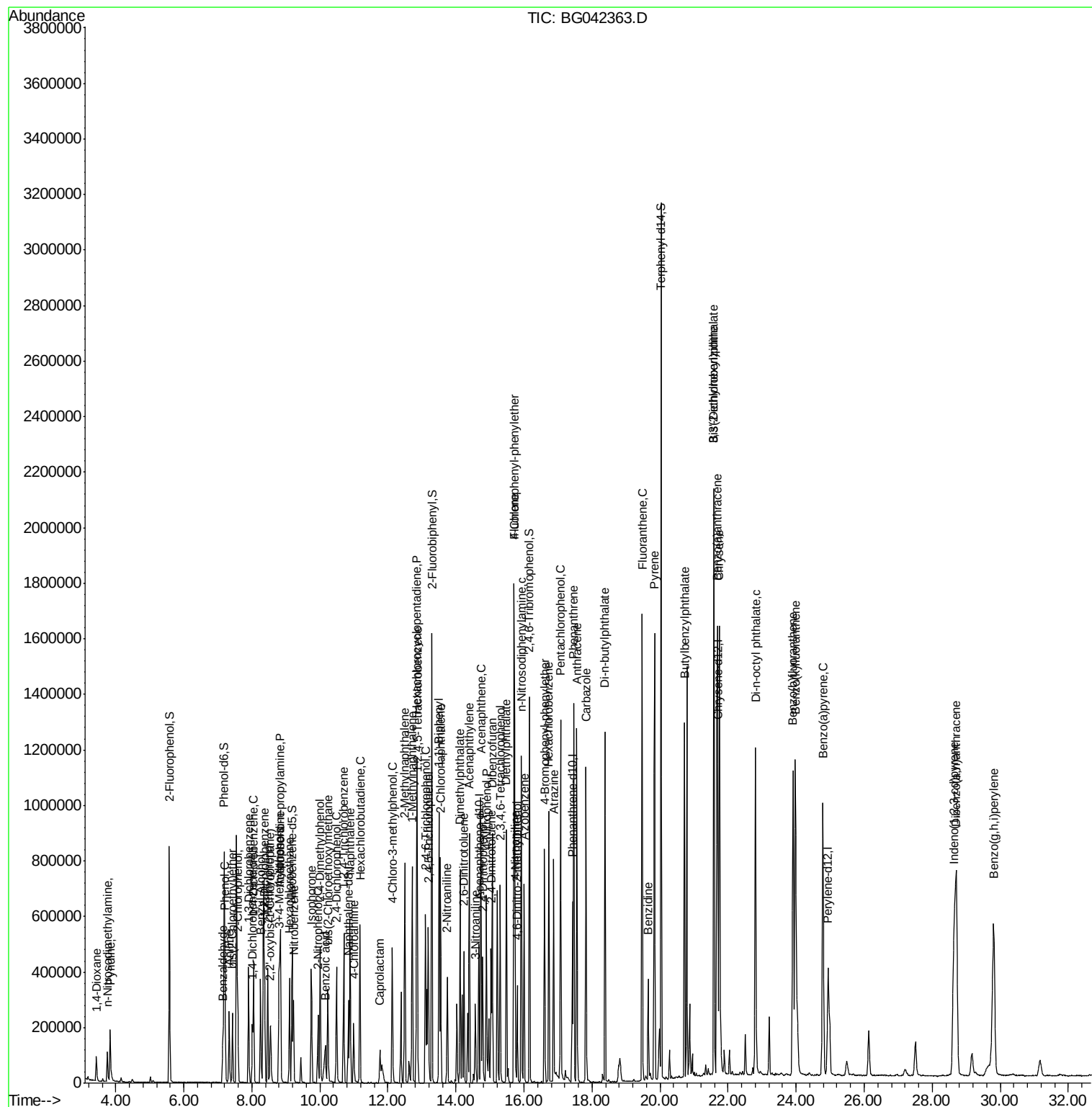
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042363.D
Acq On : 20 Aug 2019 18:40
Operator : HP/JU
Sample : PB122401BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

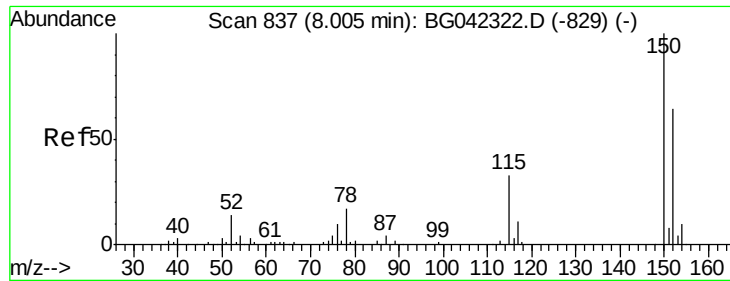
Instrument :
BNA_G
ClientSampleId :
PB122401BS

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM

Quant Time: Aug 21 11:56:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration





#1

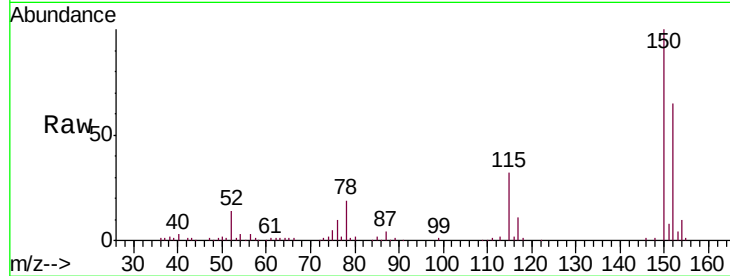
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.3	186.5
115	50.3	40.5	60.7

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM

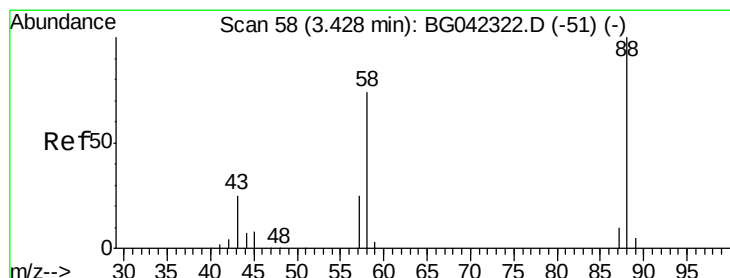
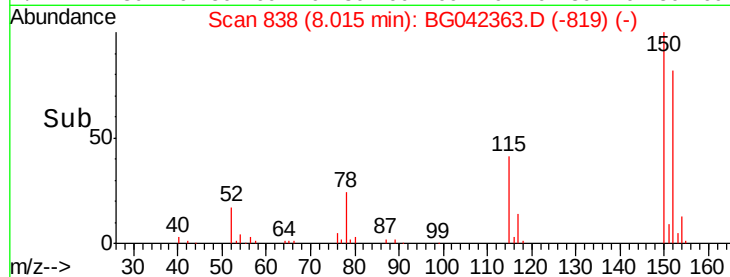
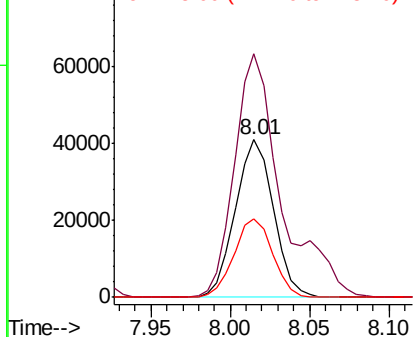


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

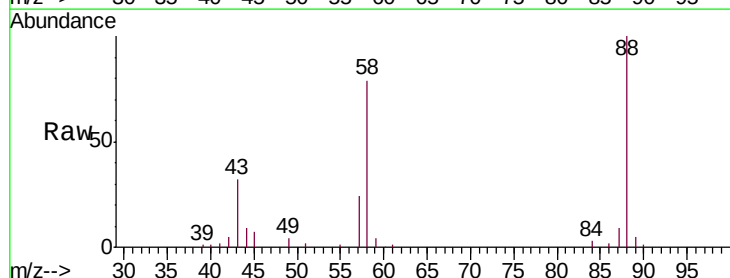
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.098 ng
RT: 3.43 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	58.6	88.0
43	22.4	19.4	29.0

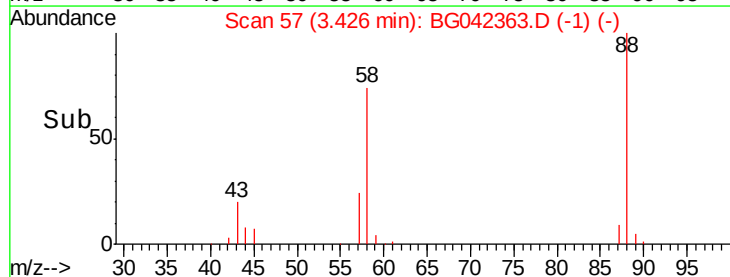
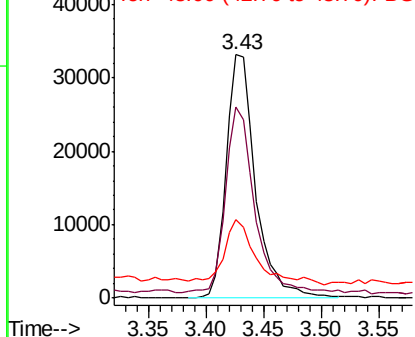


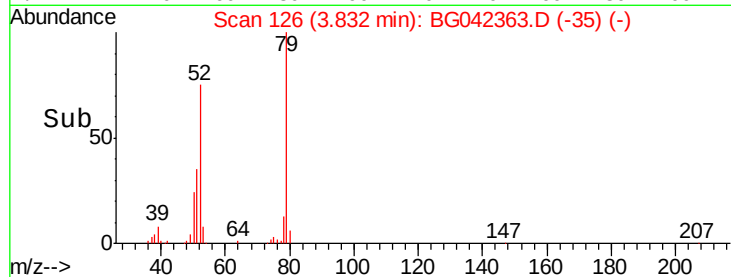
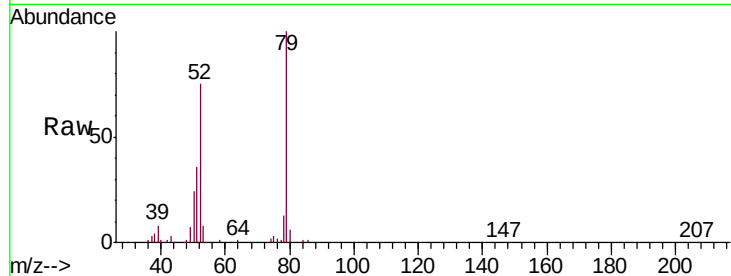
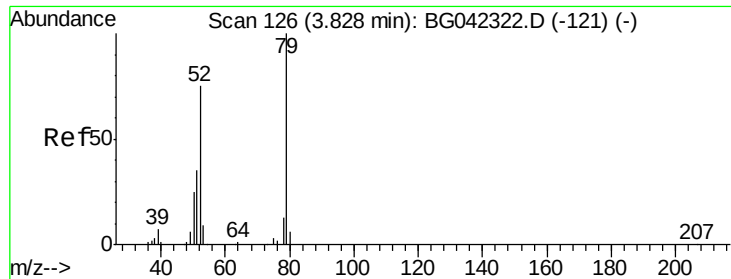
Abundance

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





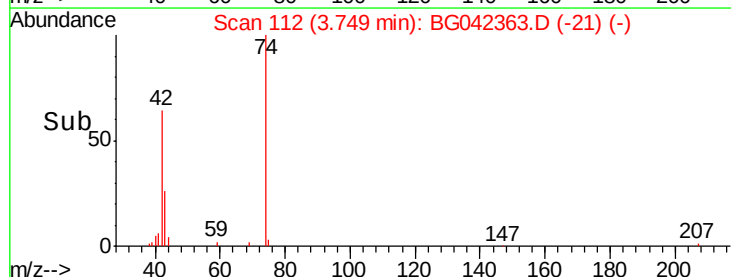
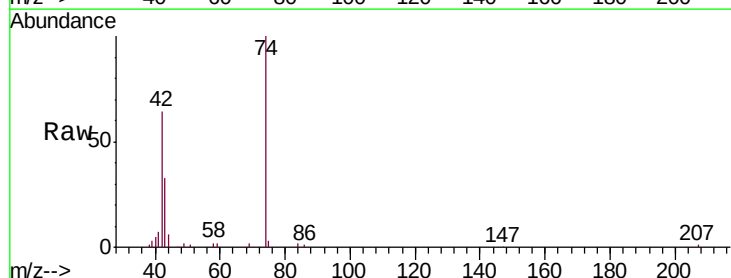
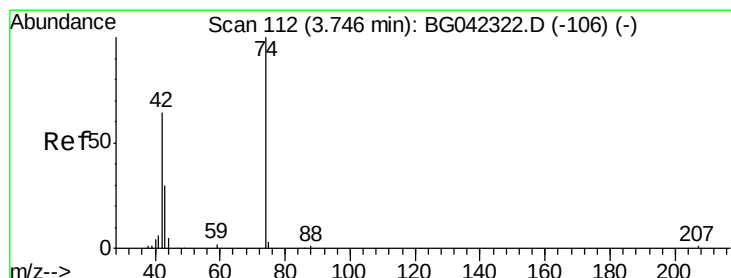
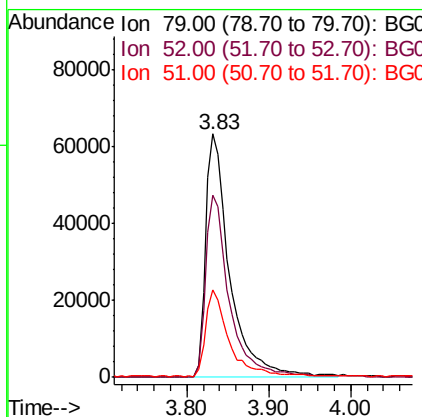
#3
 Pvrindine
 Concen: 34.746 ng
 RT: 3.83 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tot Ion:	79	Resp:	129789
Ion	Ratio	Lower	Upper
79	100		
52	74.8	60.0	90.0
51	35.8	28.6	42.8

Instrument :
 BNA_G
 ClientSampleId :
 PB122401BS

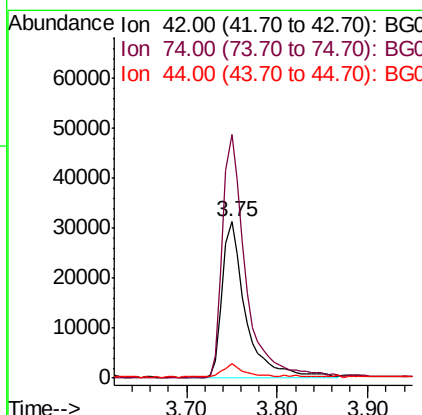
Manual Integrations
 APPROVED

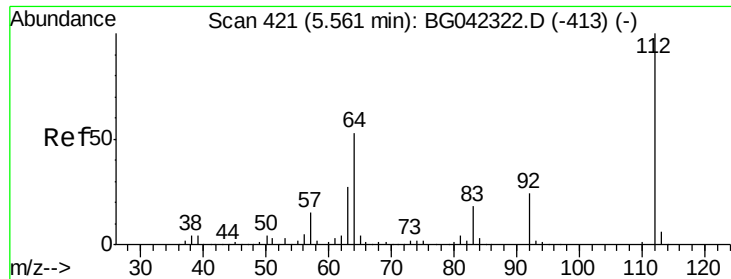
mohammad
 8/22/2019 12:49:08 PM



#4
 n-Nitrosodimethylamine
 Concen: 43.188 ng
 RT: 3.75 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion:	42	Resp:	55541
Ion	Ratio	Lower	Upper
42	100		
74	155.6	124.2	186.2
44	9.1	6.5	9.7





#5

2-Fluorophenol

Concen: 128.297 ng

RT: 5.58 min Scan# 423

Delta R.T. 0.02 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

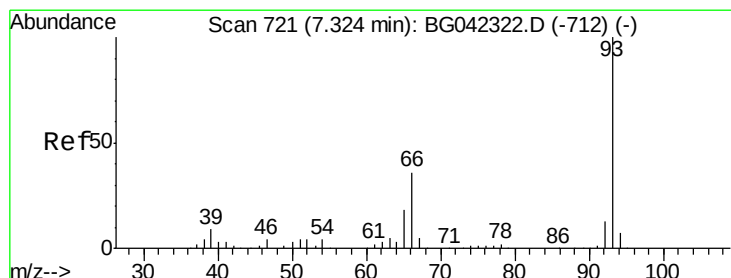
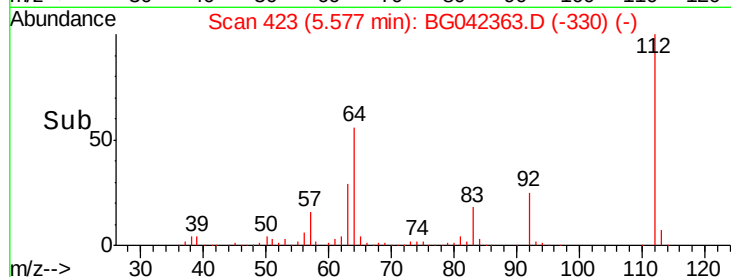
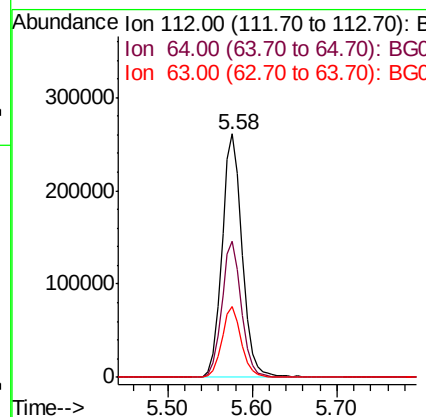
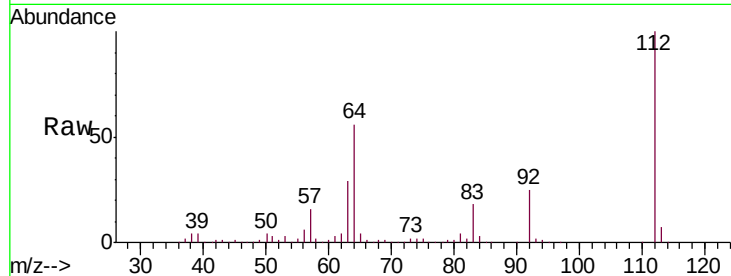
ClientSampleId :

PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	433835		
64	55.7	42.5	63.7	
63	29.0	21.7	32.5	

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



#6

Aniline

Concen: 30.561 ng

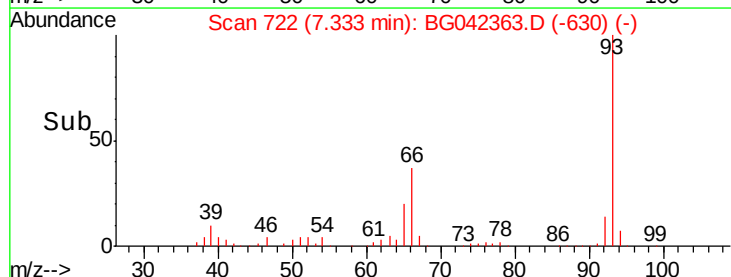
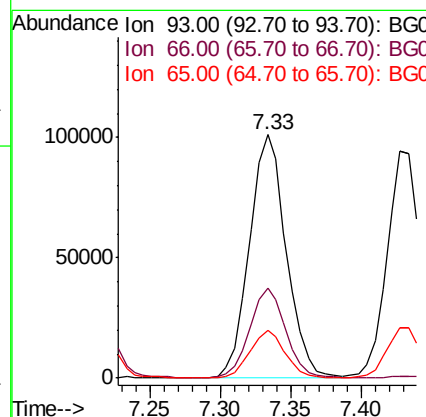
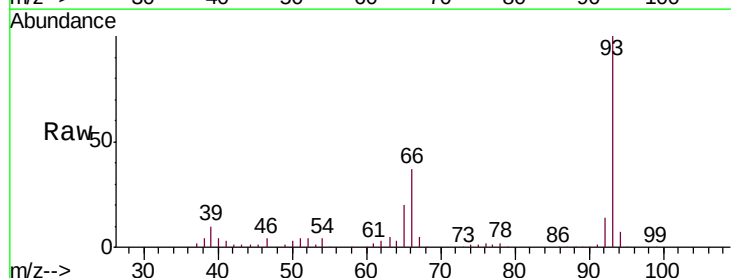
RT: 7.33 min Scan# 722

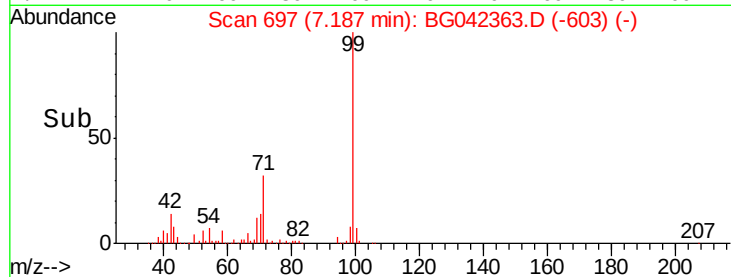
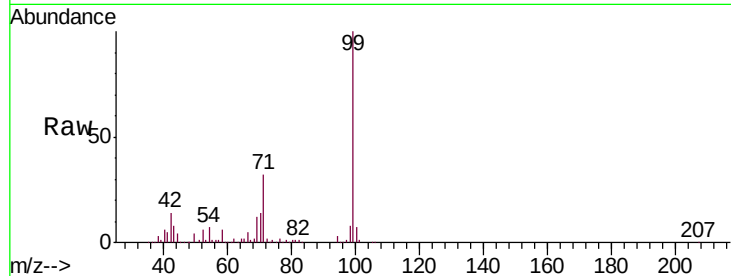
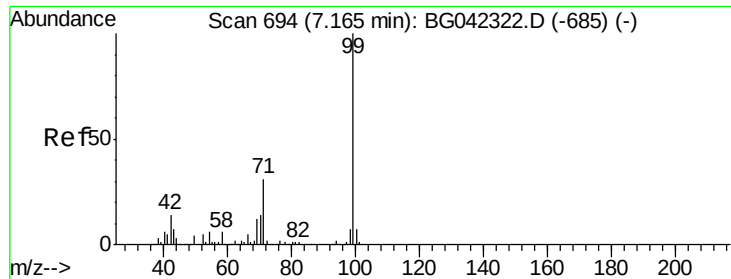
Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	185229		
66	36.9	29.1	43.7	
65	19.8	14.7	22.1	





#7

Phenol-d6

Concen: 120.552 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.02 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tot Ion:	99	Resp:	553628
Ion Ratio	Lower	Upper	
99	100		
42	14.0	11.4	17.0
71	31.9	25.1	37.7

Instrument :

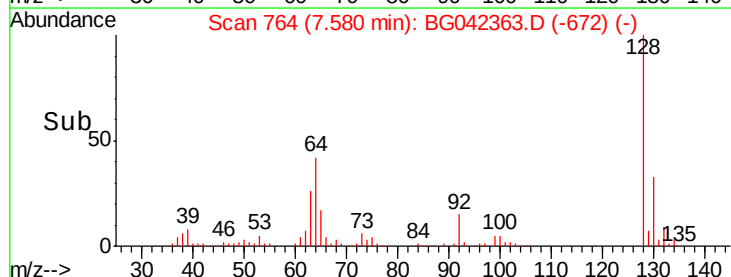
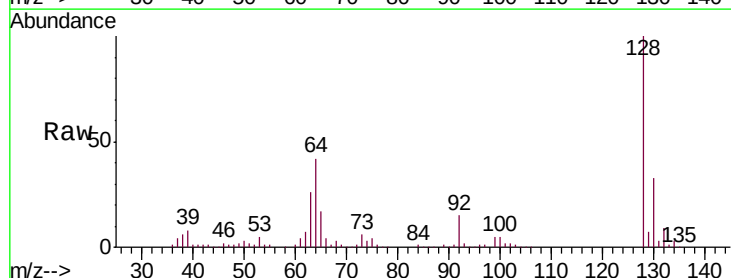
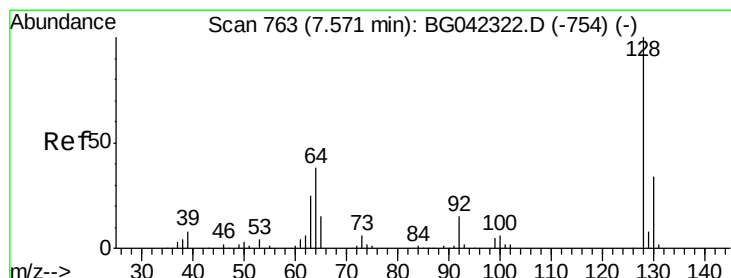
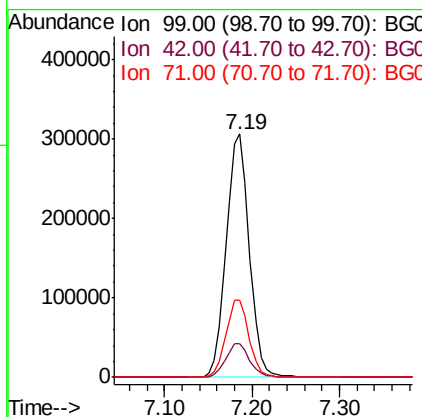
BNA_G

ClientSampleId :

PB122401BS

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



#8

2-Chlorophenol

Concen: 45.258 ng

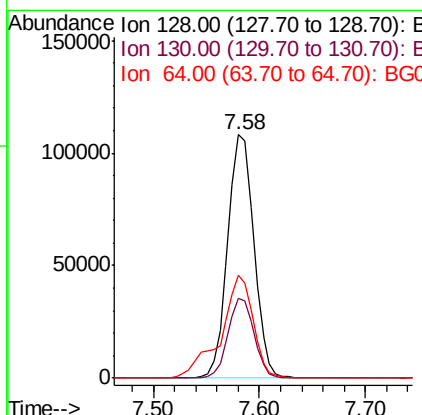
RT: 7.58 min Scan# 764

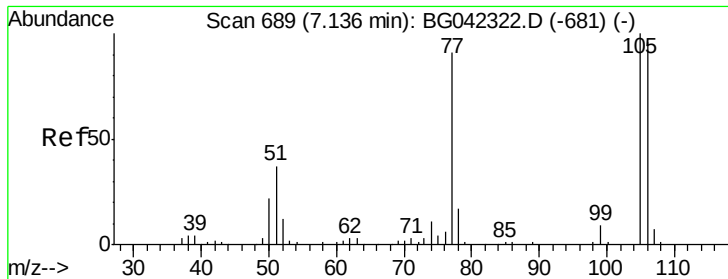
Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion:	128	Resp:	186048
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.5	53.5
64	42.1	19.8	59.8





#9

Benzaldehyde

Concen: 18.487 ng

RT: 7.15 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

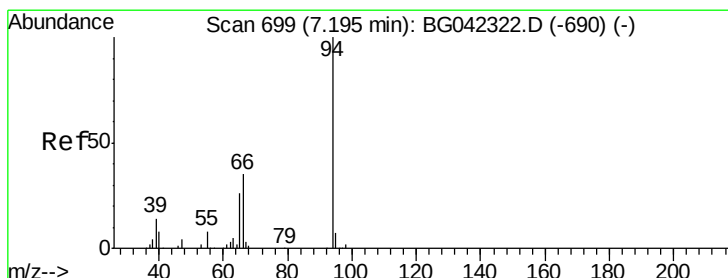
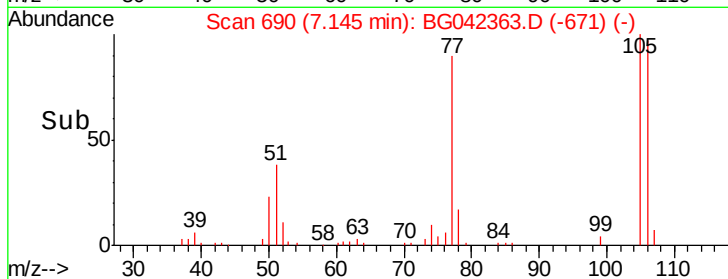
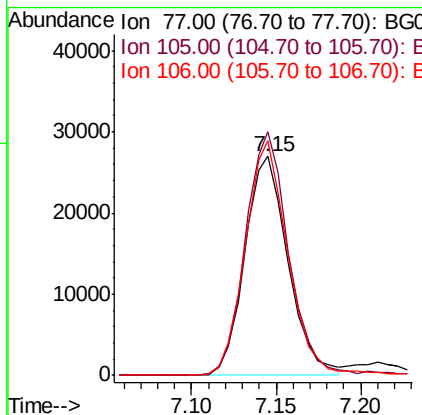
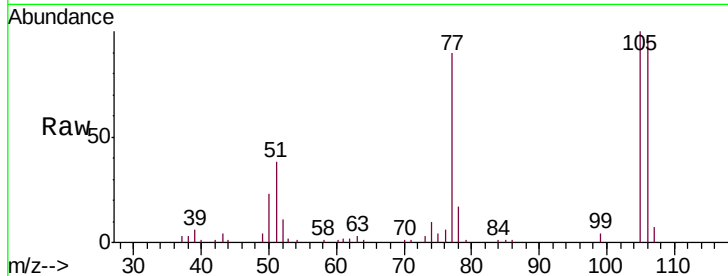
ClientSampleId :

PB122401BS

Tot Ion:	77	Resp:	47757
Ion	Ratio	Lower	Upper
77	100		
105	111.1	89.8	129.8
106	107.3	85.1	125.1

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



#10

Phenol

Concen: 45.609 ng

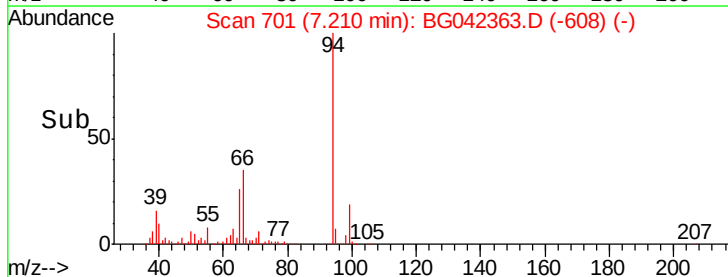
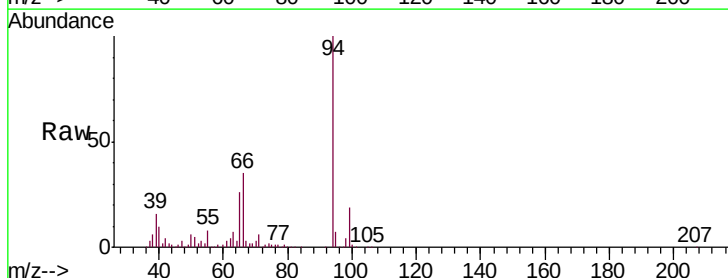
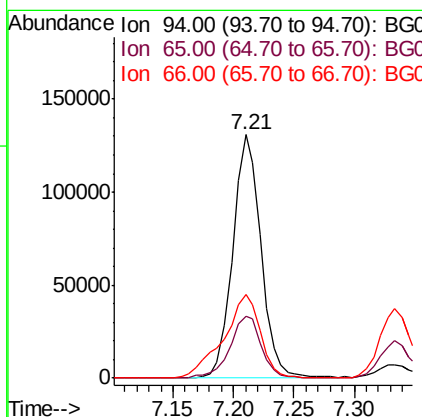
RT: 7.21 min Scan# 701

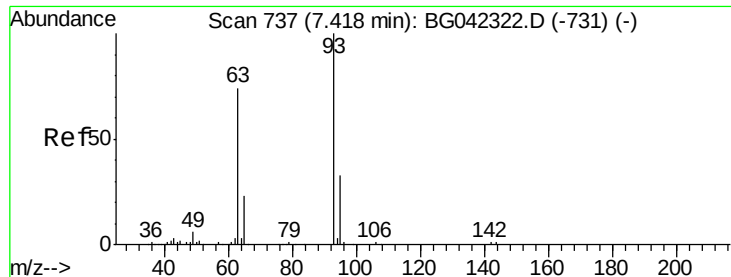
Delta R.T. 0.02 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion:	94	Resp:	212950
Ion	Ratio	Lower	Upper
94	100		
65	25.6	6.1	46.1
66	34.6	15.7	55.7





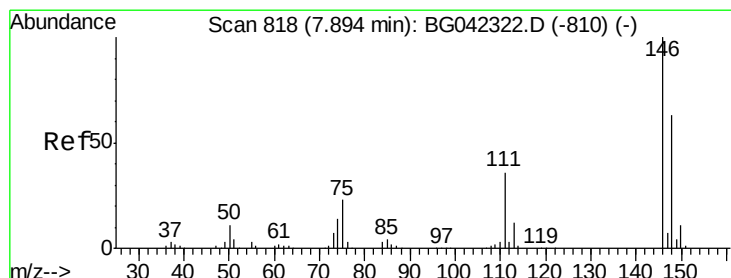
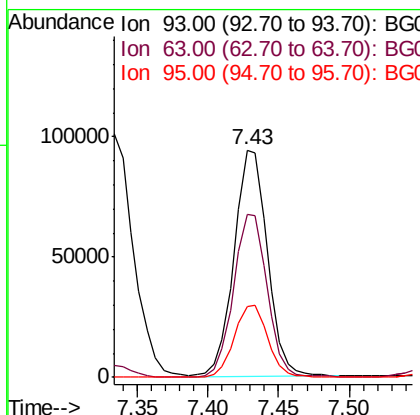
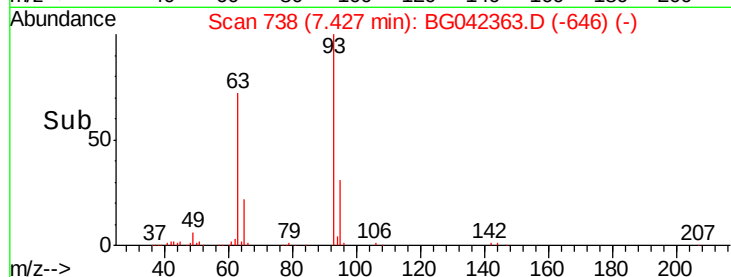
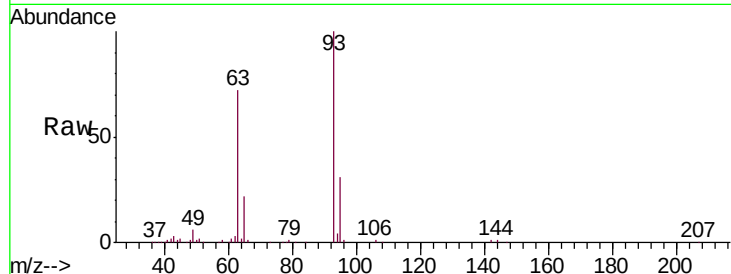
#11
bis(2-Chloroethyl)ether
Concen: 42.033 ng
RT: 7.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion:	93	Resp:	155009
Ion	Ratio	Lower	Upper
93	100		
63	71.6	53.0	93.0
95	31.1	13.0	53.0

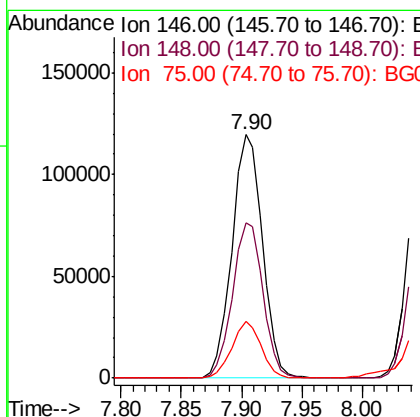
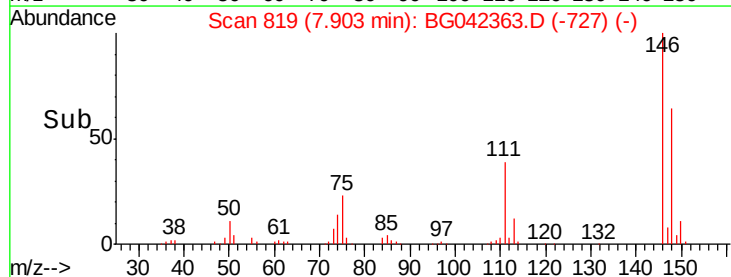
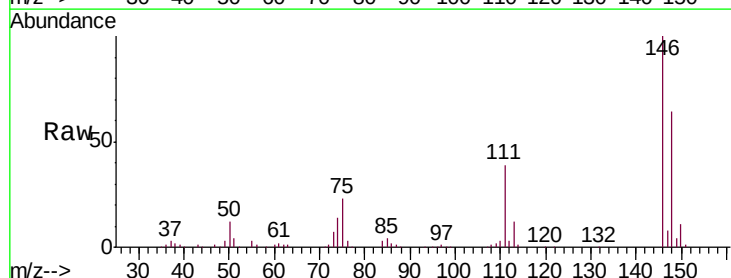
Manual Integrations
APPROVED

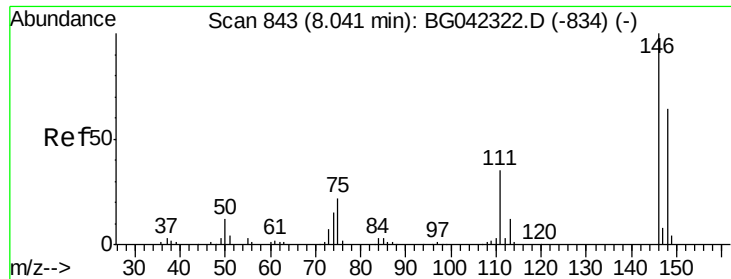
mohammad
8/22/2019 12:49:08 PM



#12
1,3-Dichlorobenzene
Concen: 40.272 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion:	146	Resp:	210699
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.2	75.2
75	23.5	18.2	27.4





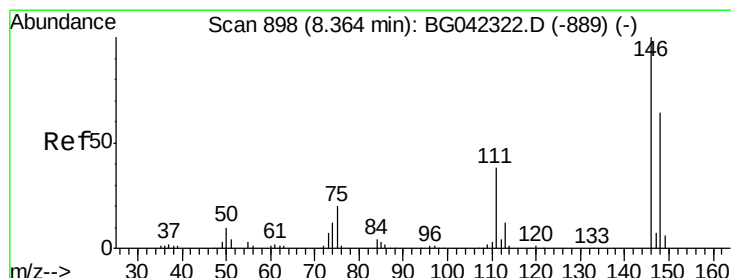
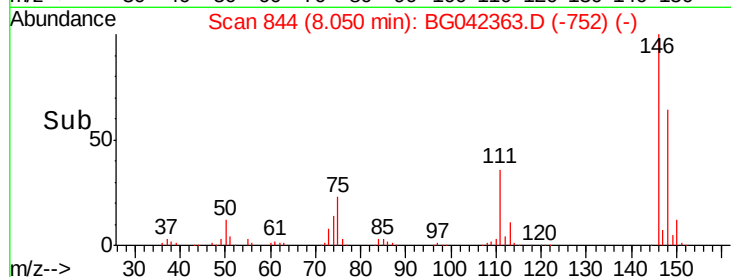
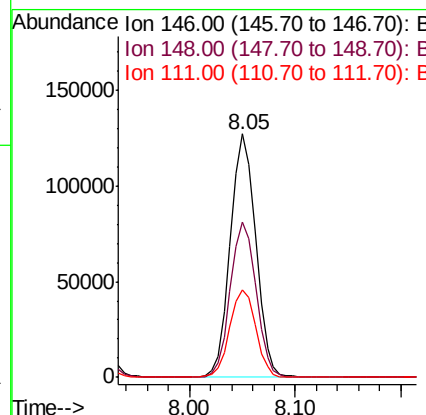
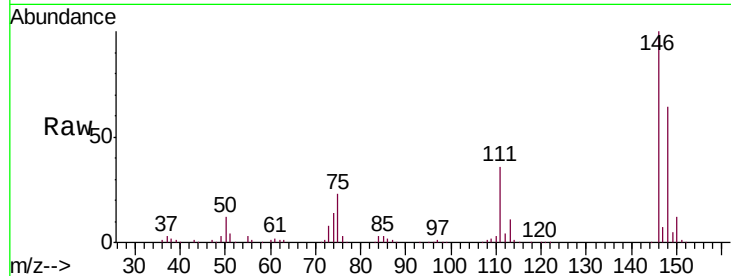
#13
 1,4-Dichlorobenzene
 Concen: 40.490 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :
 PB122401BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
111	35.7	28.3	42.5

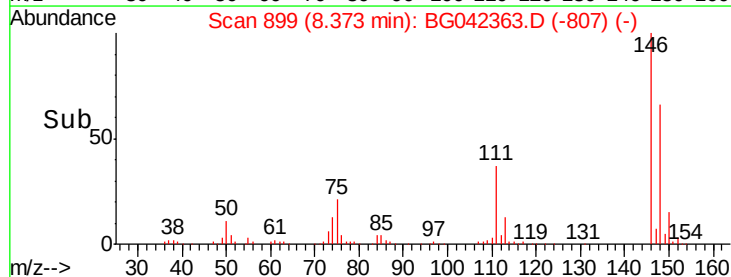
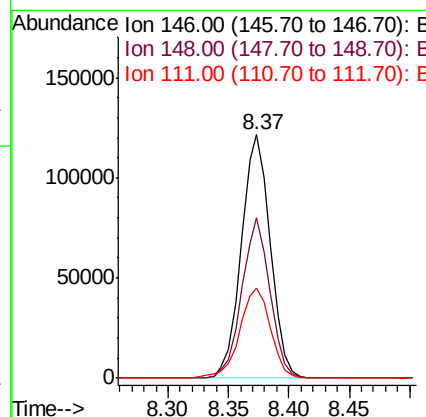
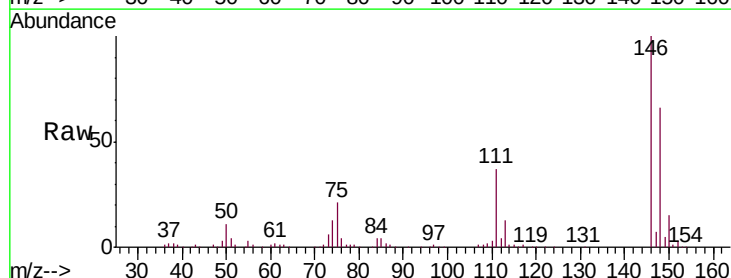
Manual Integrations
 APPROVED

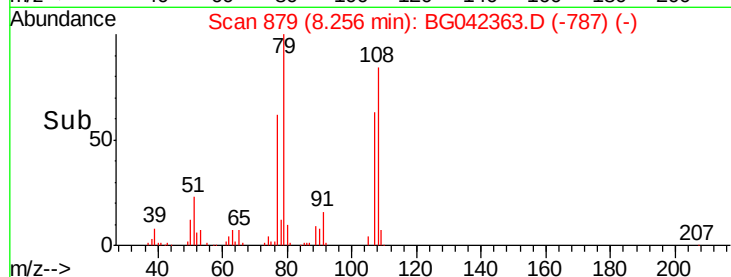
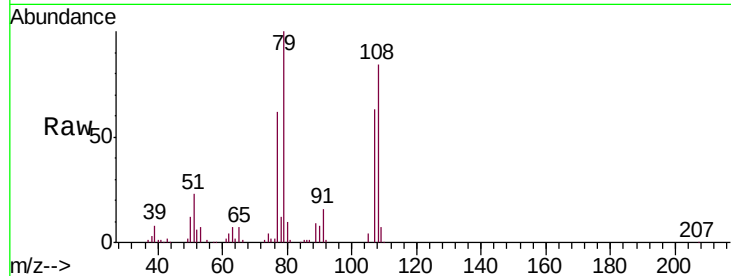
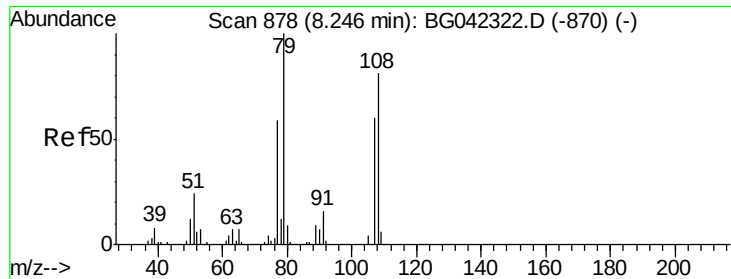
mohammad
 8/22/2019 12:49:08 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.356 ng
 RT: 8.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.0	76.4
111	37.2	30.6	46.0





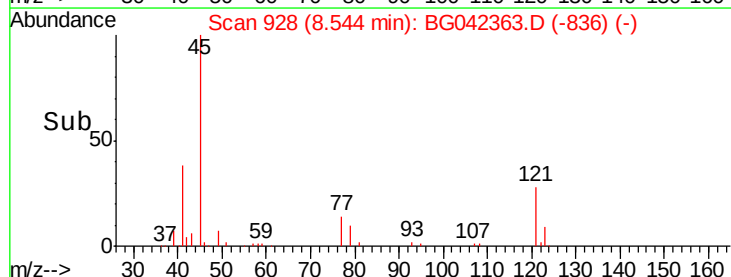
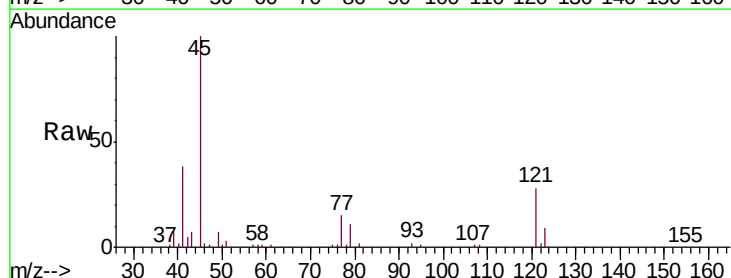
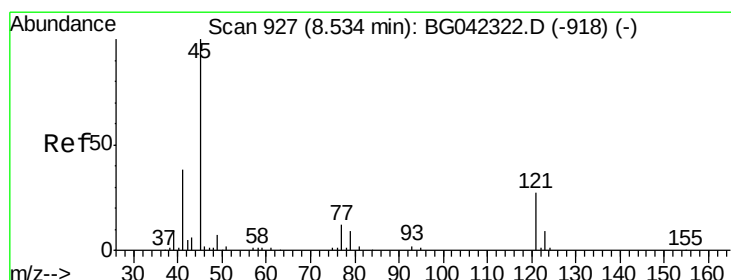
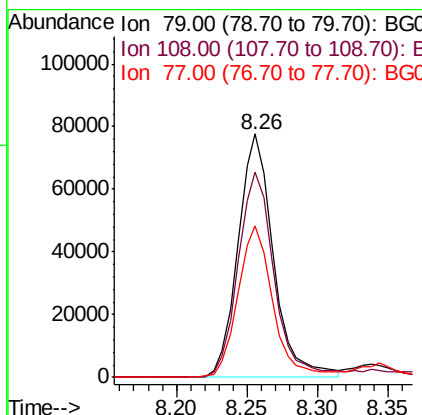
#15
Benzyl Alcohol
Concen: 43.093 ng
RT: 8.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	84.3	64.8	97.2	
77	62.2	47.6	71.4	

Instrument :
BNA_G
ClientSampleID :
PB122401BS

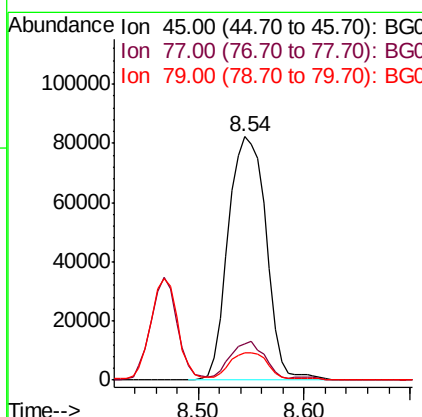
Manual Integrations
APPROVED

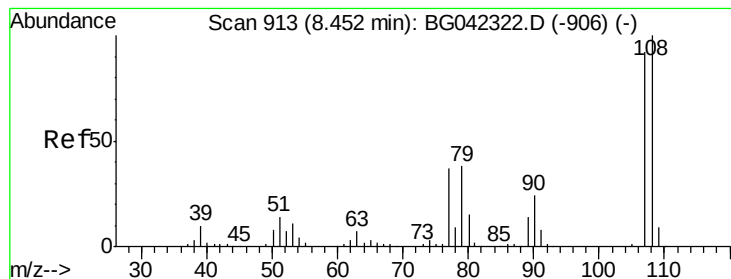
mohammad
8/22/2019 12:49:08 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.284 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.7	0.0	34.6	
79	11.0	0.0	31.4	





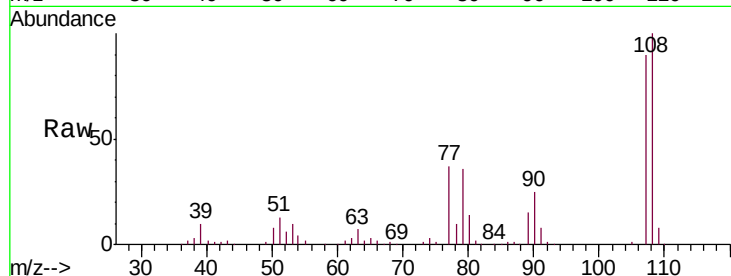
#17
2-Methylphenol
Concen: 43.351 ng
RT: 8.47 min Scan# 915
Delta R.T. 0.02 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	87.0	130.6	
77	40.7	32.3	48.5	
79	40.4	33.5	50.3	

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



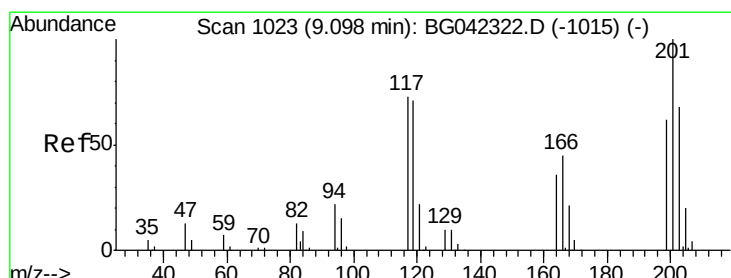
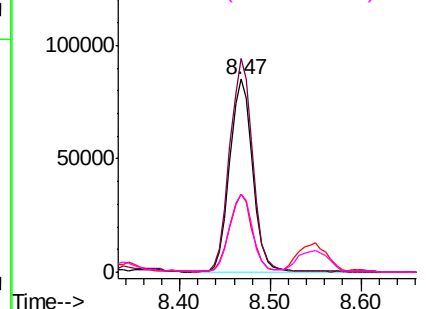
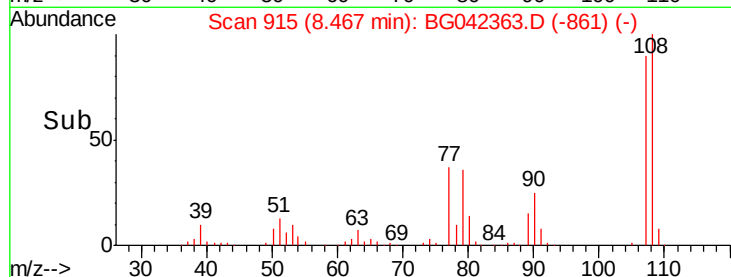
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

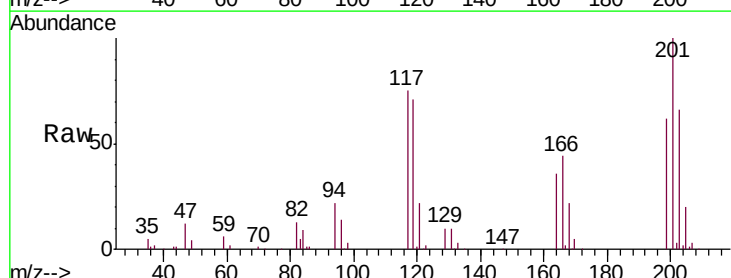
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.183 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.6	116.4	
201	133.9	109.4	164.2	

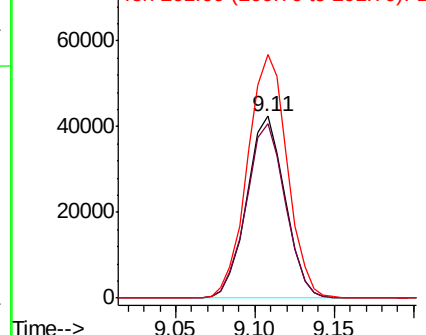
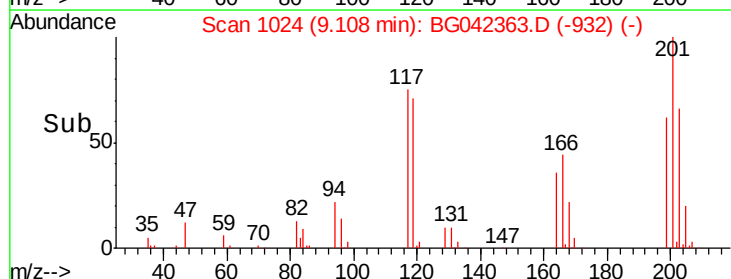


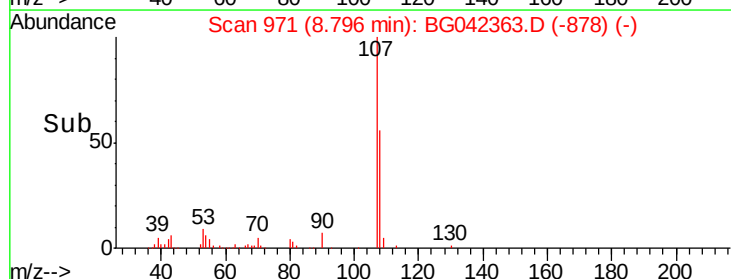
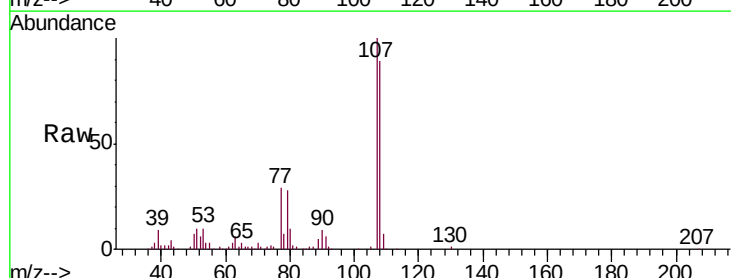
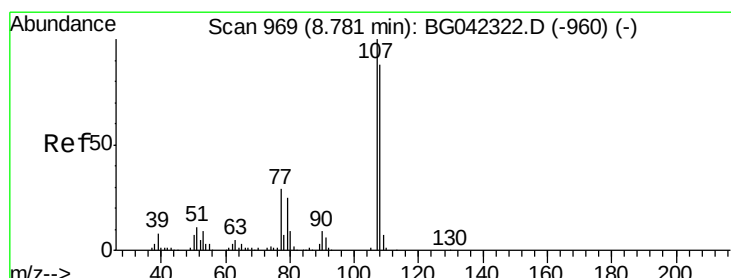
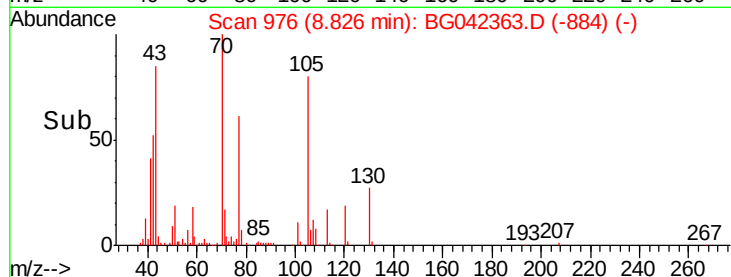
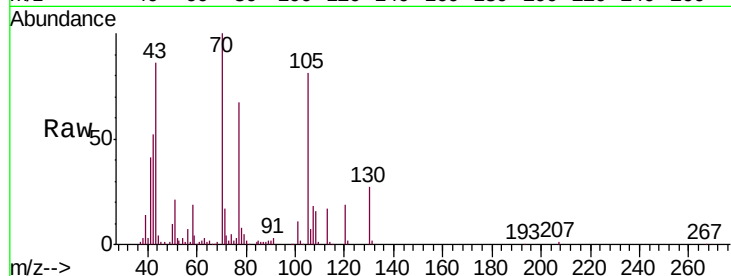
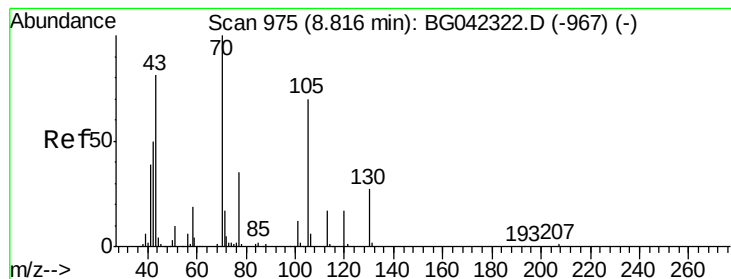
Abundance

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: 39.885 ng

RT: 8.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampled :

PB122401BS

Tot Ion: 70 Resp: 117815

Ion Ratio Lower Upper

70 100

42 52.0 40.5 60.7

101 11.4 9.3 13.9

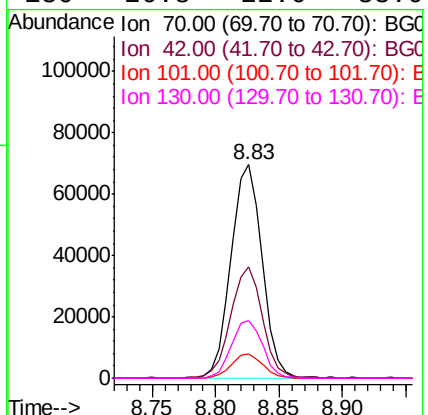
130 26.8 22.0 33.0

Manual Integrations

APPROVED

mohammad

8/22/2019 12:49:08 PM



#20

3+4-Methylphenols

Concen: 42.971 ng

RT: 8.80 min Scan# 971

Delta R.T. 0.02 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion: 107 Resp: 205238

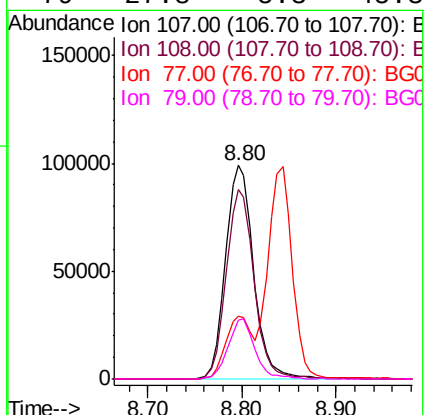
Ion Ratio Lower Upper

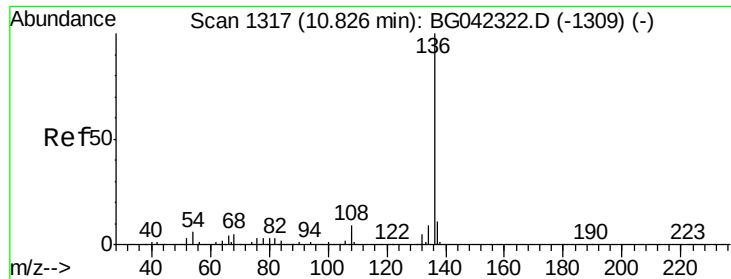
107 100

108 88.9 67.8 107.8

77 29.1 9.1 49.1

79 27.8 5.3 45.3





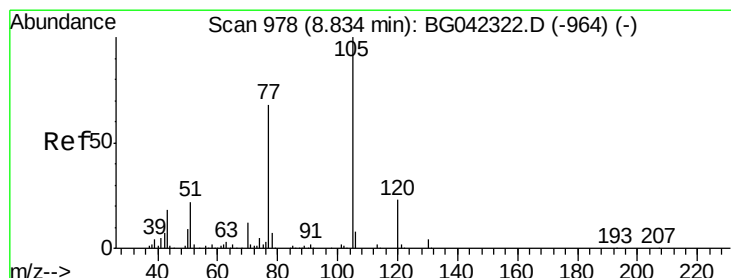
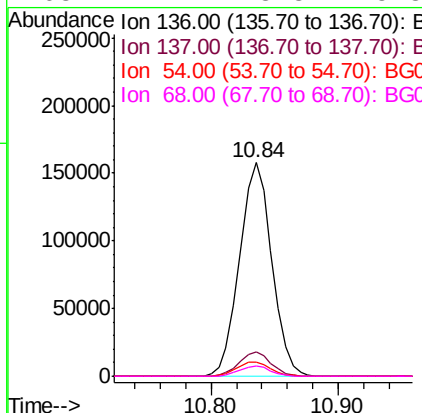
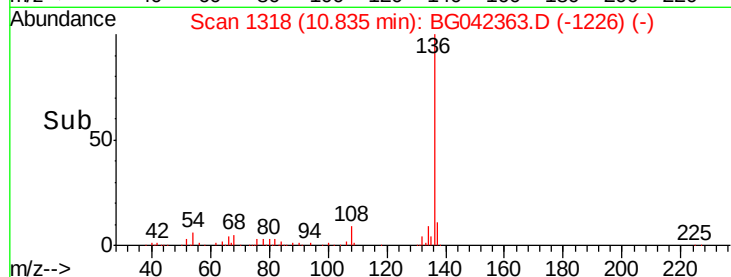
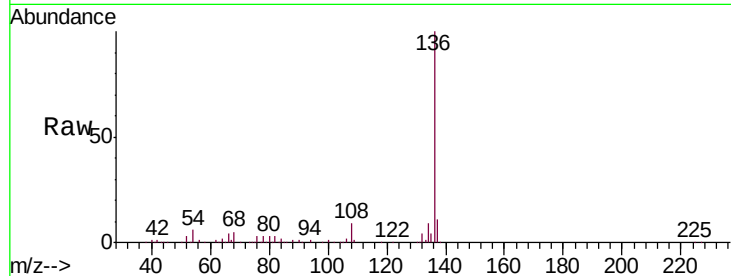
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	277493		
137	11.4		8.4	12.6
54	6.4		5.0	7.4
68	4.7		3.8	5.8

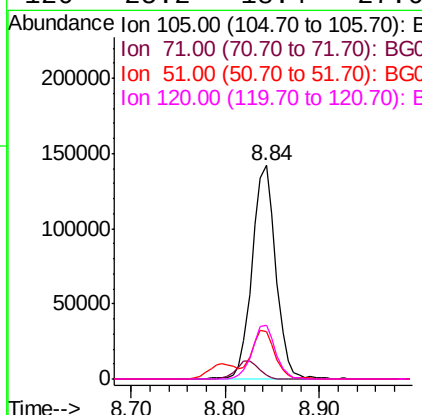
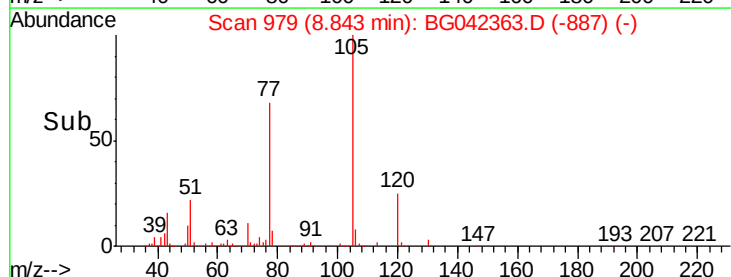
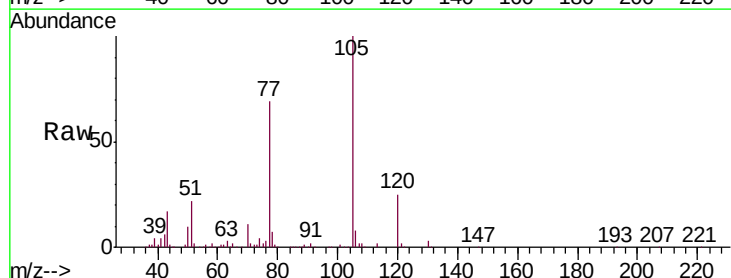
Manual Integrations
APPROVED

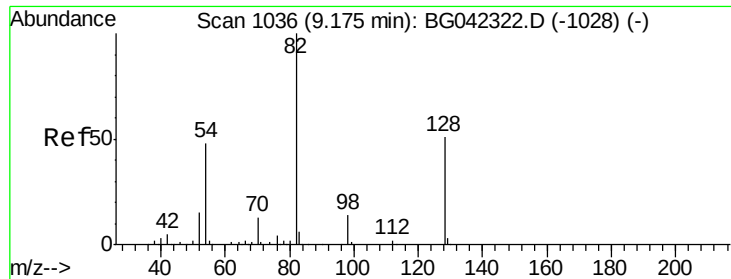
mohammad
8/22/2019 12:49:08 PM



#22
Acetophenone
Concen: 42.239 ng
RT: 8.84 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249045		
71	1.9		1.8	2.8
51	22.3		17.5	26.3
120	25.2		18.4	27.6





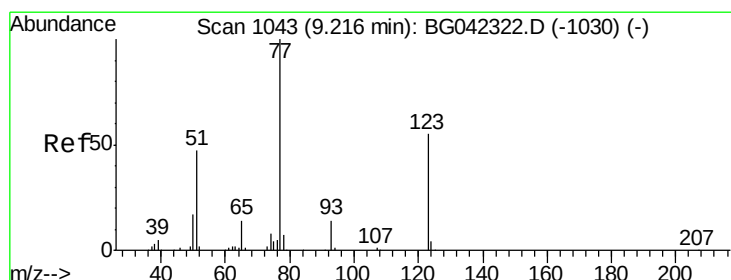
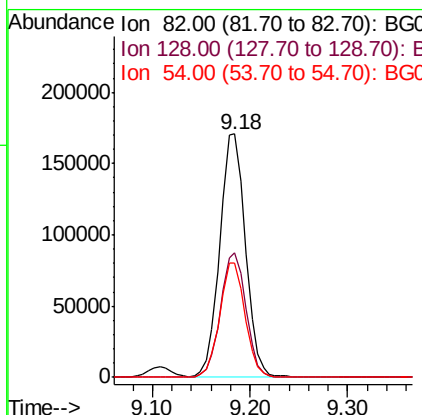
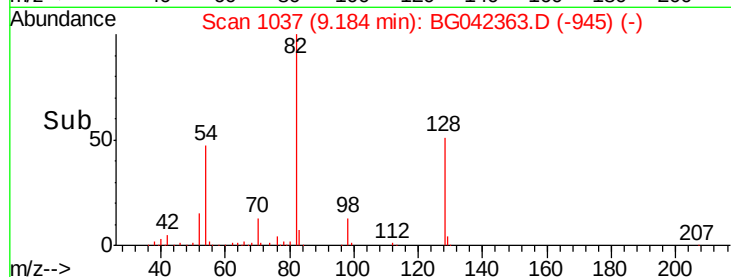
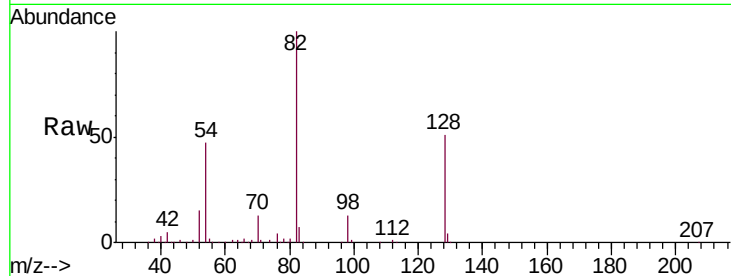
#23
 Nitrobenzene-d5
 Concen: 78.801 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :
 PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.4	41.0	61.4	
54	46.8	38.0	57.0	

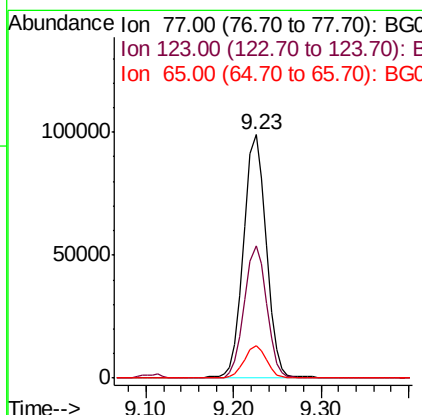
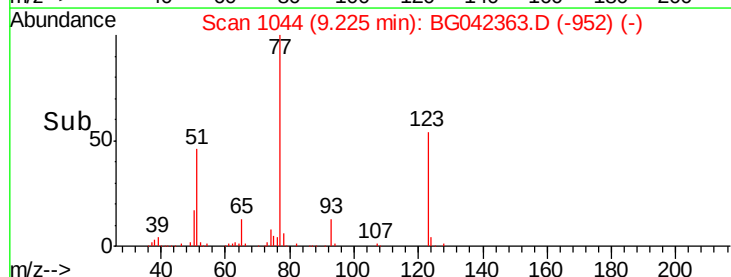
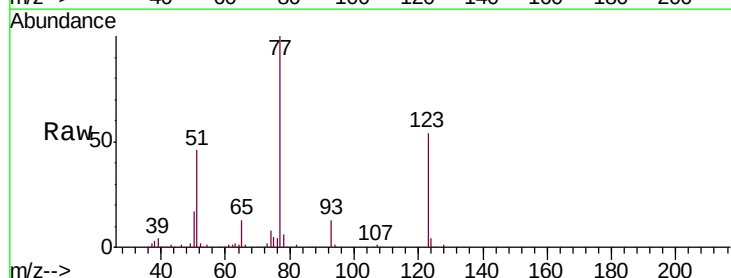
Manual Integrations
 APPROVED

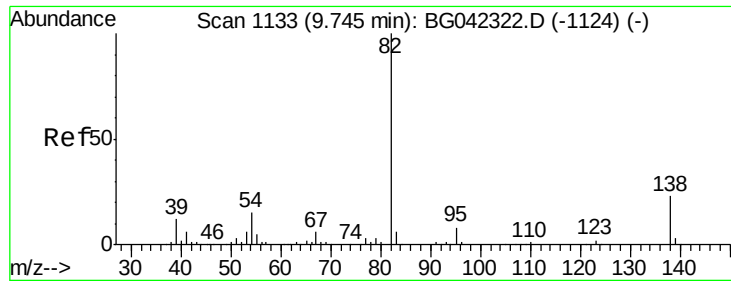
mohammad
 8/22/2019 12:49:08 PM



#24
 Nitrobenzene
 Concen: 43.045 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	54.1	43.7	65.5	
65	13.5	10.9	16.3	





#25

Isophorone

Concen: 41.140 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

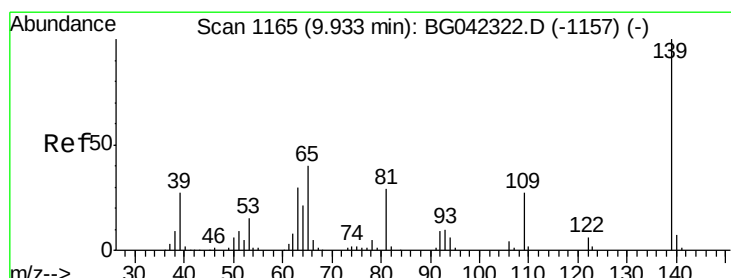
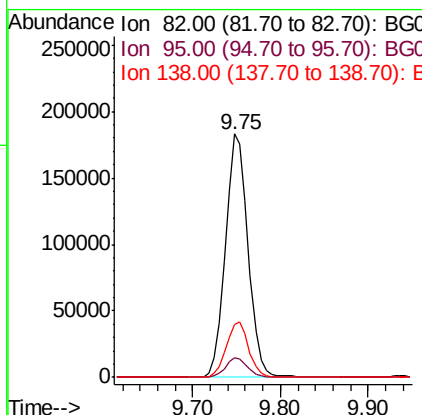
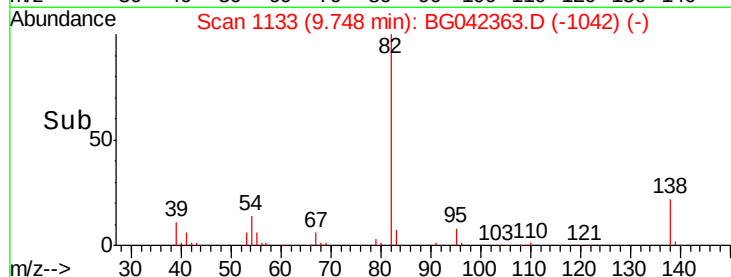
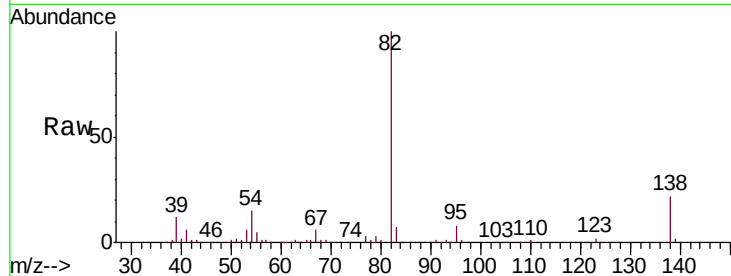
ClientSampleId :

PB122401BS

Tot Ion:	82	Resp:	324572
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.1	9.1
138	21.6	18.2	27.2

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



#26

2-Nitrophenol

Concen: 43.956 ng

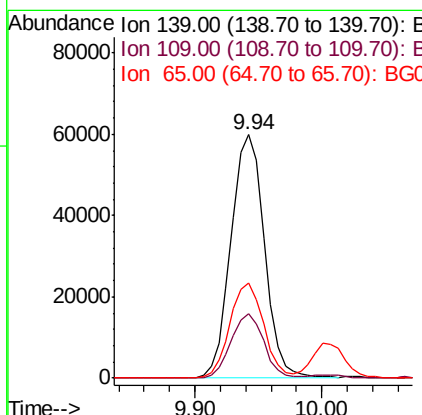
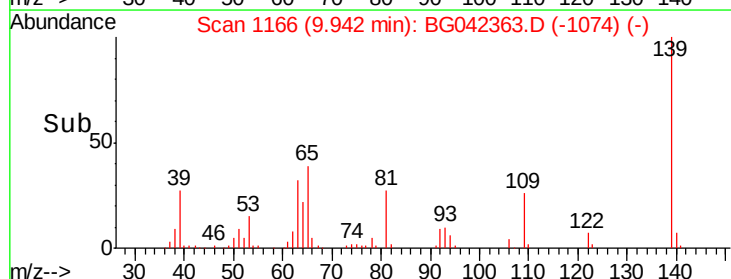
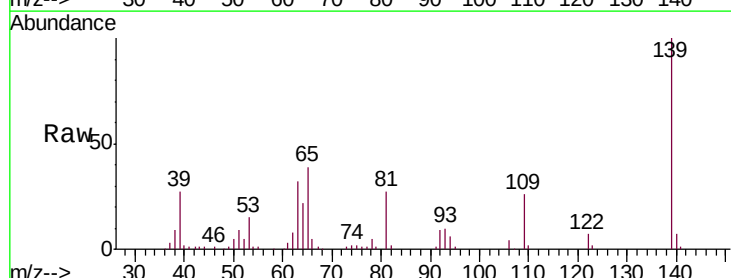
RT: 9.94 min Scan# 1166

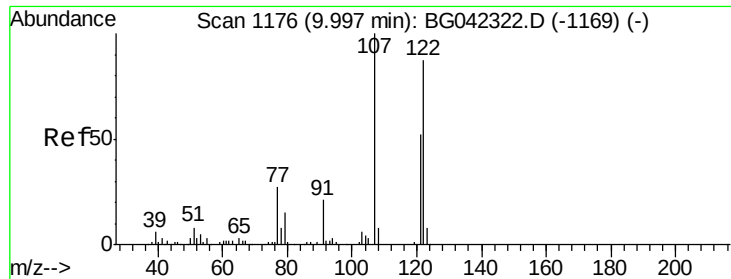
Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion:	139	Resp:	109852
Ion Ratio	Lower	Upper	
139	100		
109	26.2	21.4	32.2
65	38.9	31.8	47.6





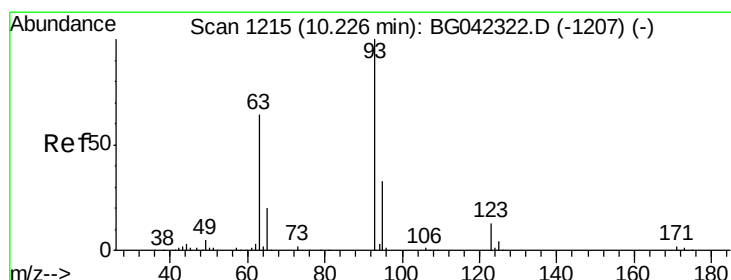
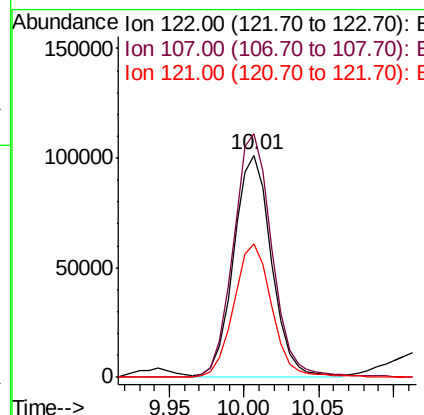
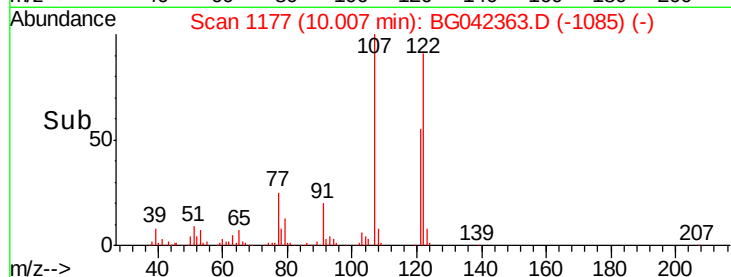
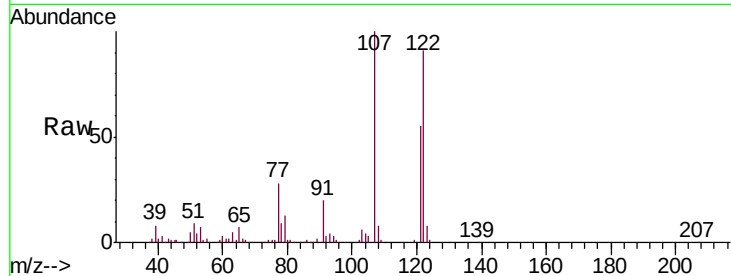
#27
2,4-Dimethylphenol
Concen: 51.280 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampled :
PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	177793		
107	109.7	91.0	136.4	
121	60.3	47.1	70.7	

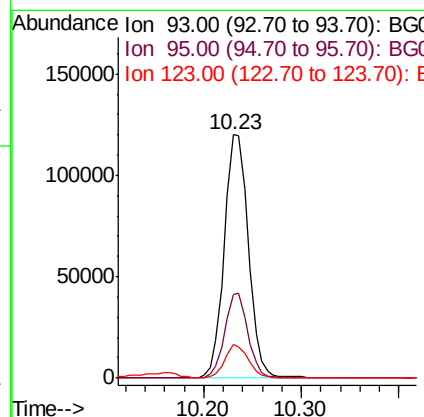
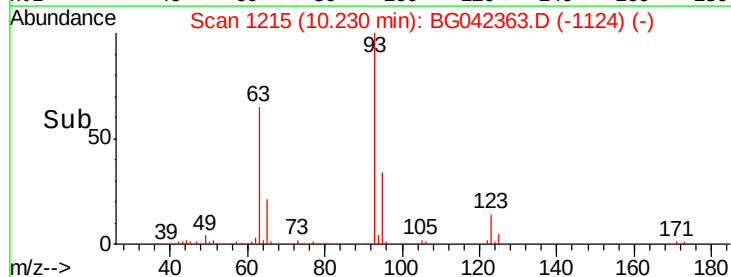
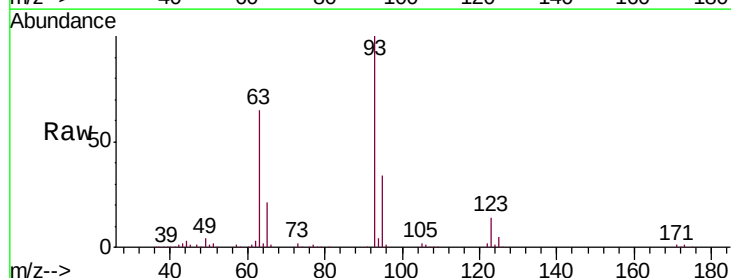
Manual Integrations
APPROVED

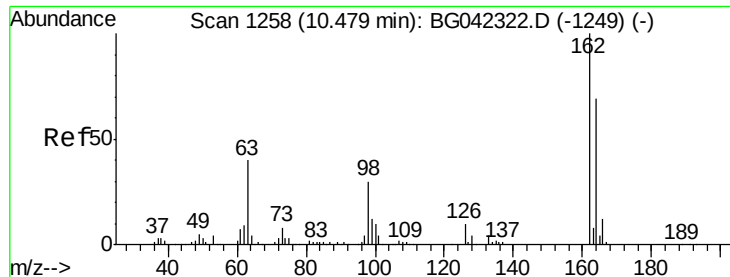
mohammad
8/22/2019 12:49:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.829 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	207488		
95	34.1	26.3	39.5	
123	13.6	10.3	15.5	





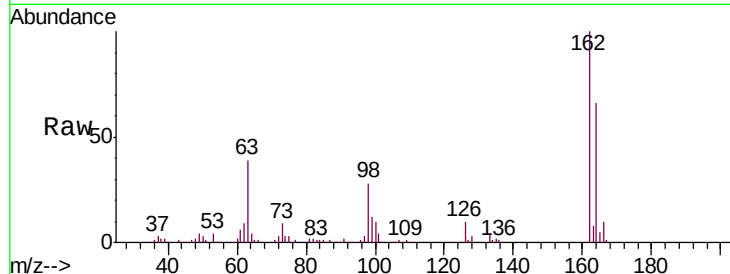
#29
2,4-Dichlorophenol
Concen: 44.574 ng
RT: 10.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleID :
PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	205484		
164	65.9	48.6	88.6	
98	28.0	9.6	49.6	

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM

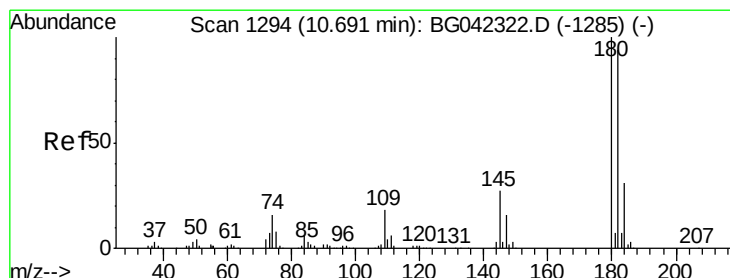
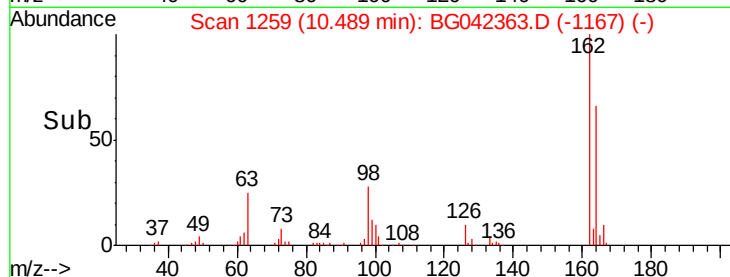
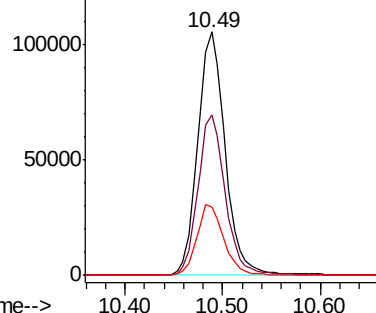


Abundance

Ion 162.00 (161.70 to 162.70): E

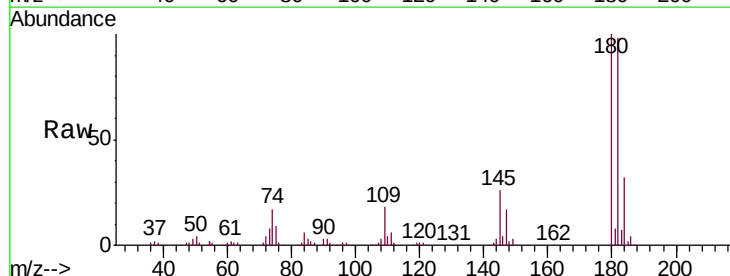
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.366 ng
RT: 10.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	227463		
182	97.6	75.1	112.7	
145	26.5	21.2	31.8	

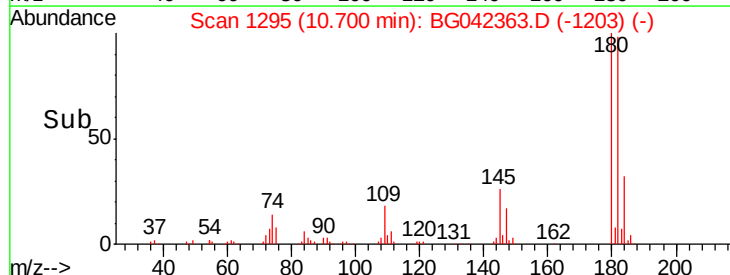
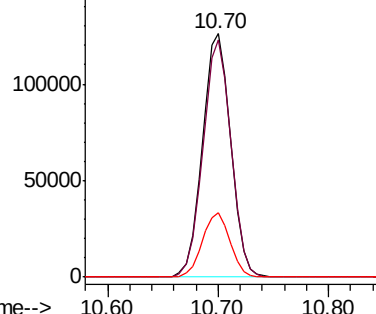


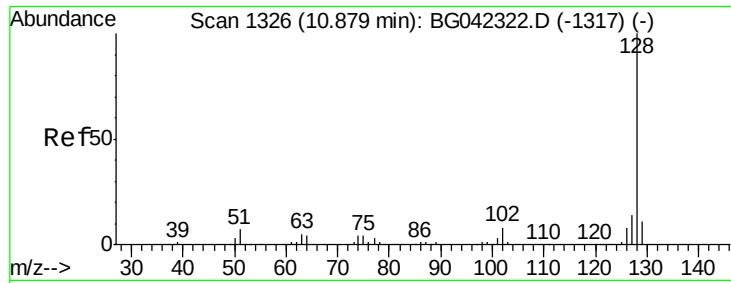
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





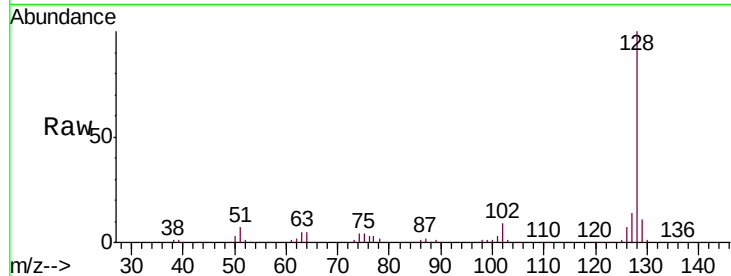
#31
Naphthalene
Concen: 42.212 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

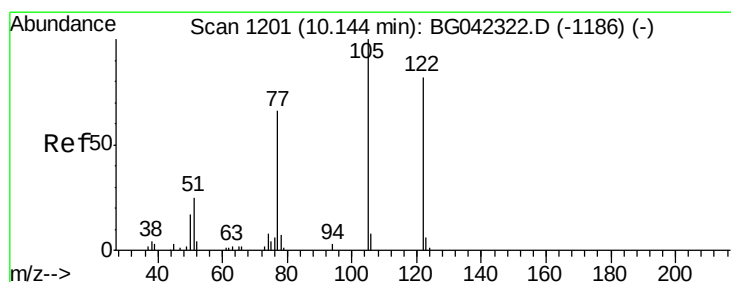
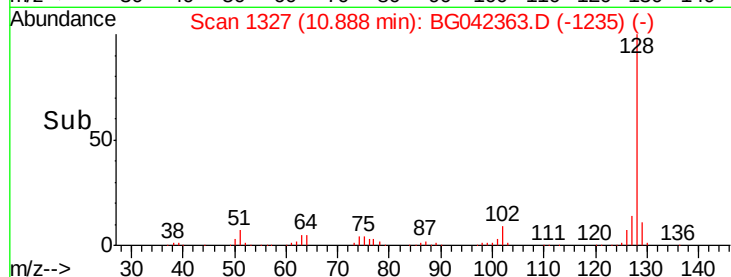
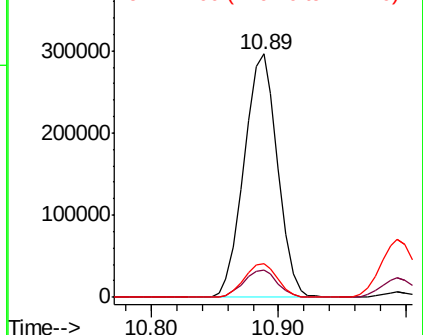
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	14.0	10.8	16.2

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM

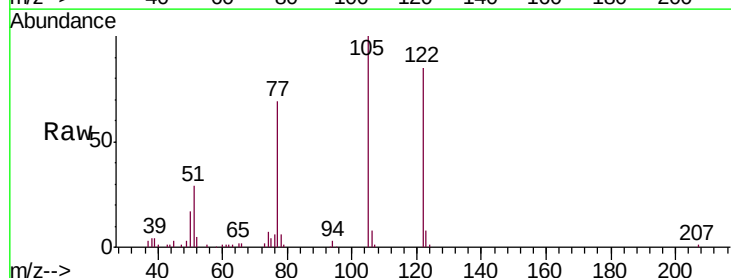


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

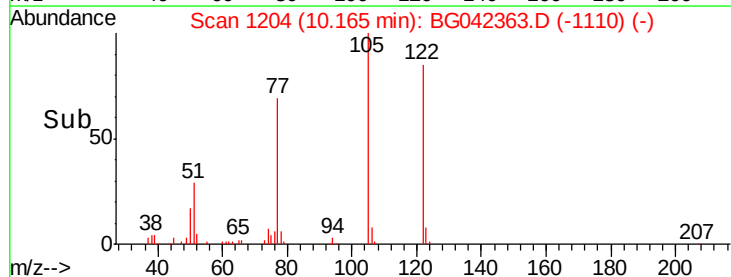
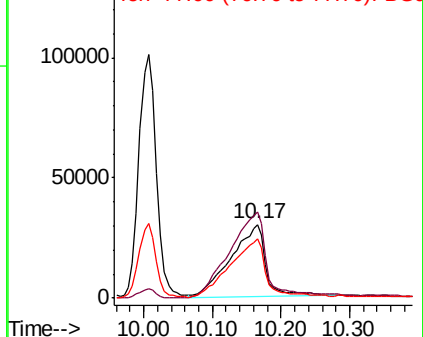


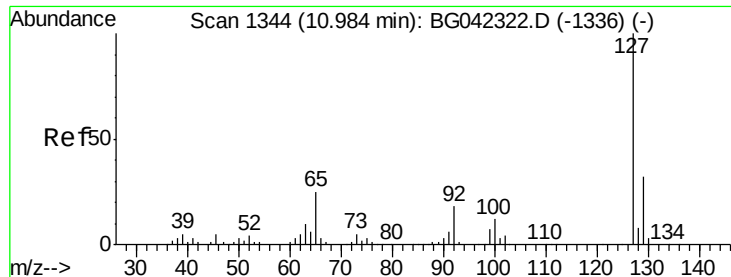
#32
Benzoic acid
Concen: 43.242 ng
RT: 10.17 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.7	97.7	137.7
77	81.1	58.4	98.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





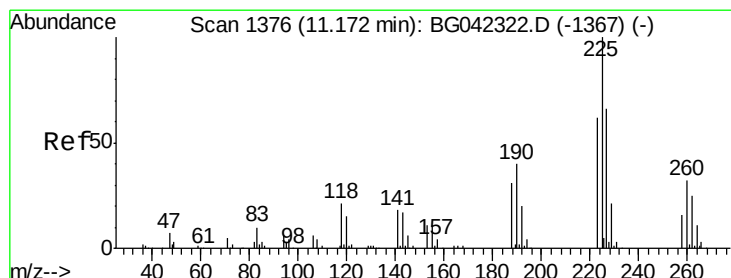
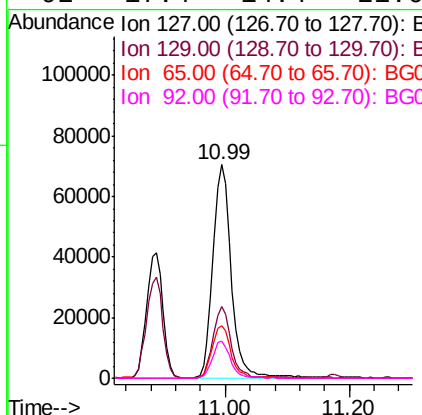
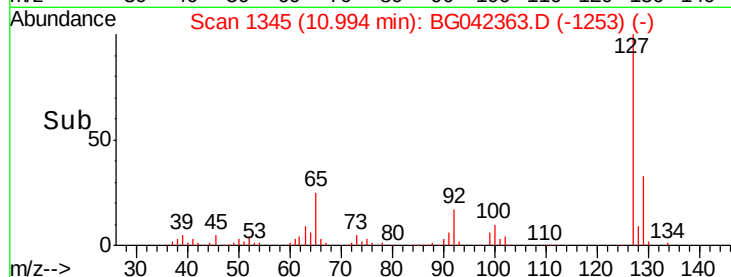
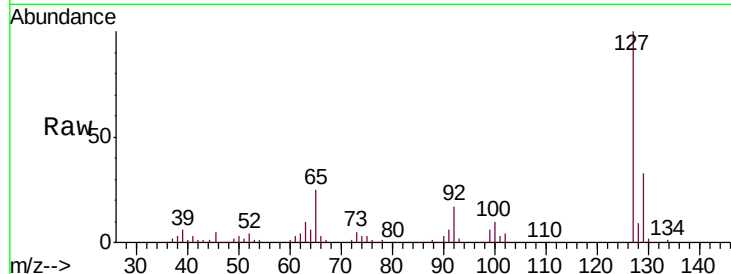
#33
4-Chloroaniline
Concen: 24.595 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampled :
PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	144225		
129	33.5	25.9	38.9	
65	24.8	19.8	29.8	
92	17.4	14.4	21.6	

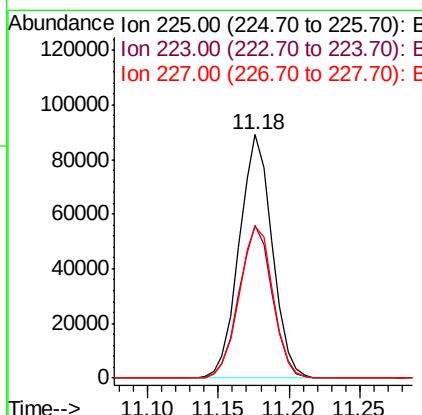
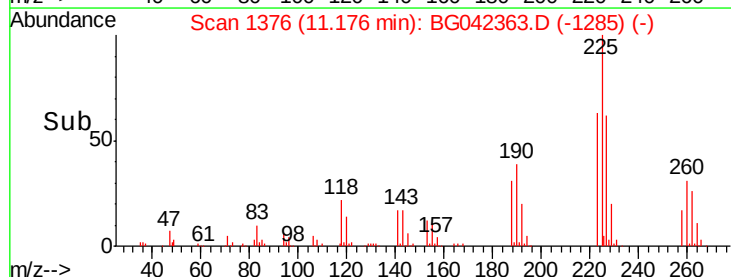
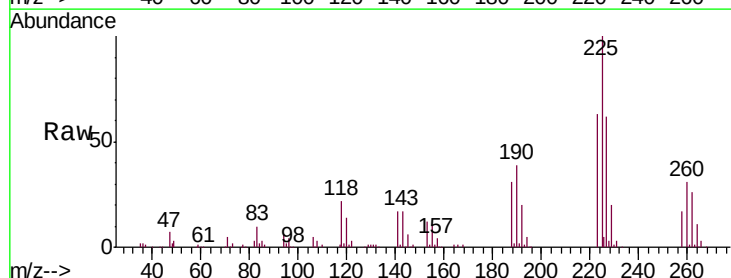
Manual Integrations
APPROVED

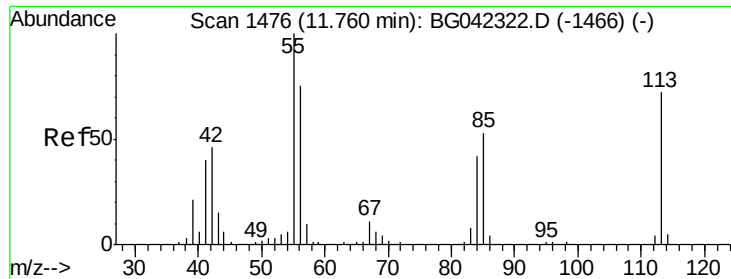
mohammad
8/22/2019 12:49:08 PM



#34
Hexachlorobutadiene
Concen: 38.480 ng
RT: 11.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	145309		
223	62.5	49.8	74.8	
227	62.4	52.9	79.3	





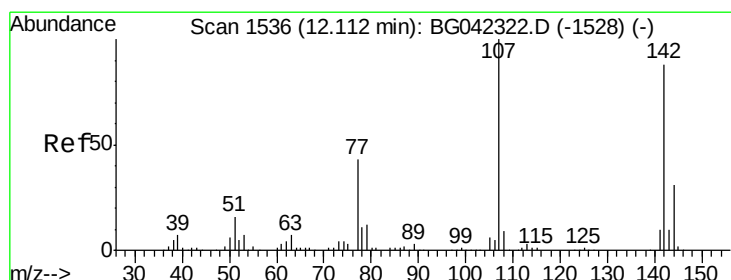
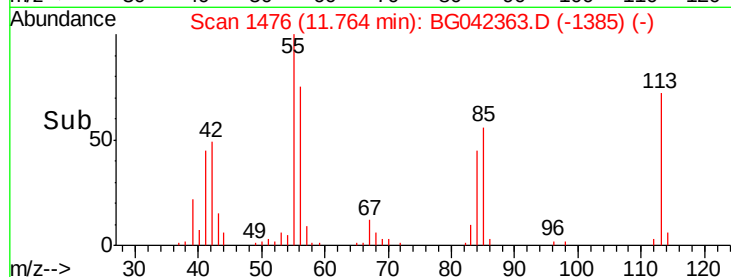
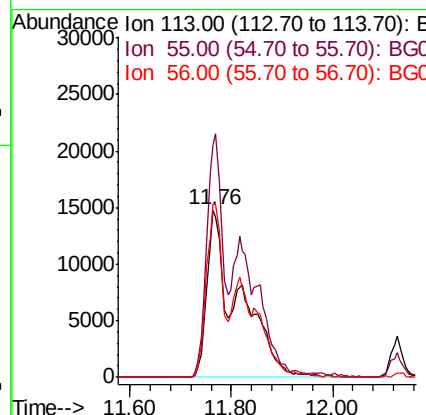
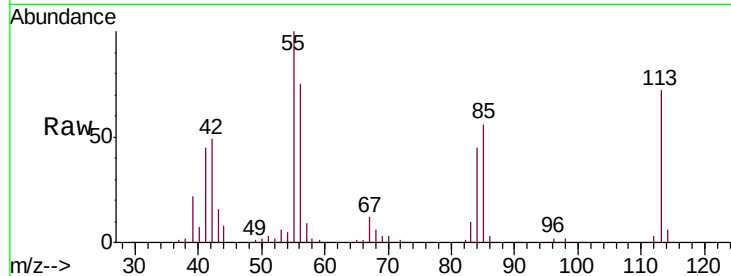
#35
 Caprolactam
 Concen: 43.527 ng/ml
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleID :
 PB122401BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.6	119.4	159.4
56	103.4	83.9	123.9

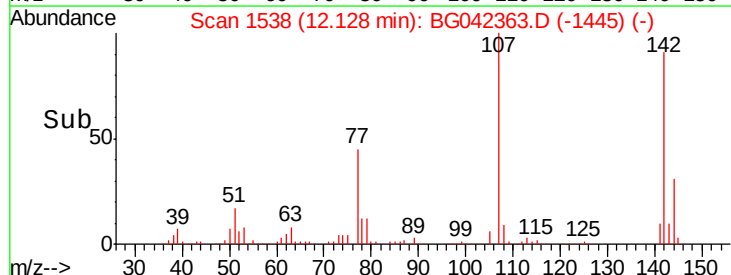
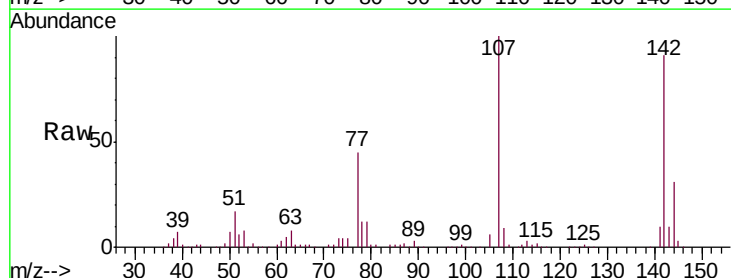
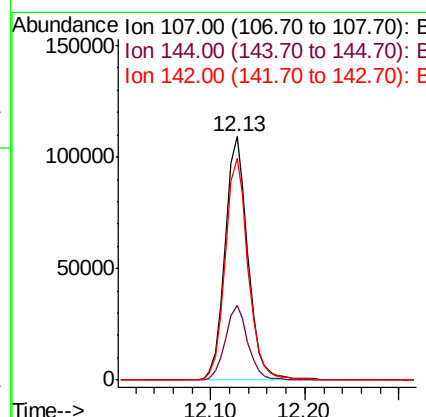
Manual Integrations
 APPROVED

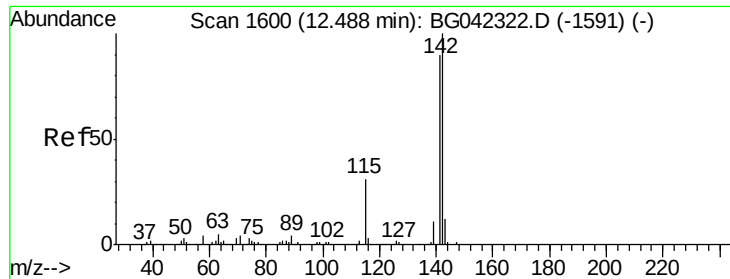
mohammad
 8/22/2019 12:49:08 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.067 ng/ml
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.02 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	30.7	24.9	37.3
142	91.2	70.3	105.5





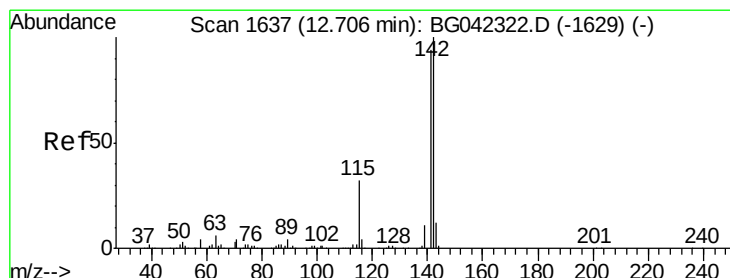
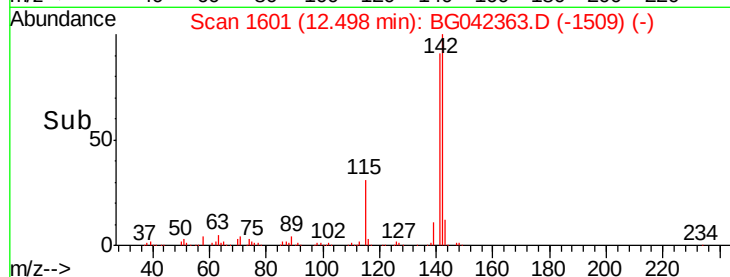
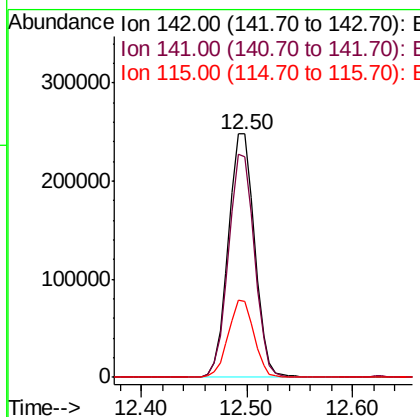
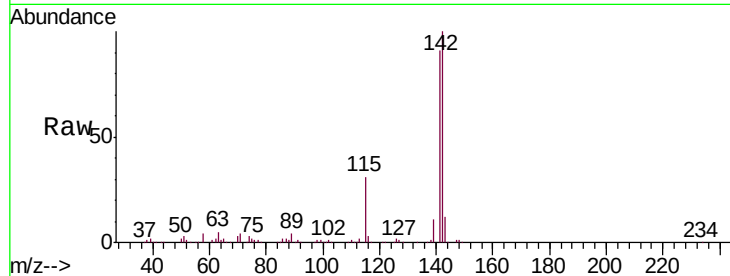
#37
2-Methylnaphthalene
Concen: 41.373 ng
RT: 12.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.1	108.1
115	31.1	24.4	36.6

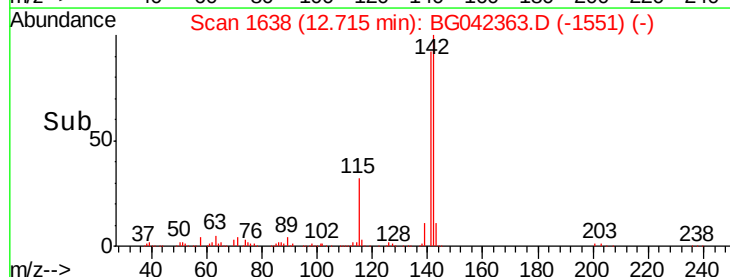
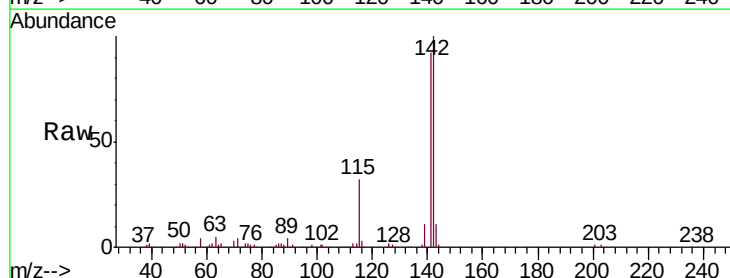
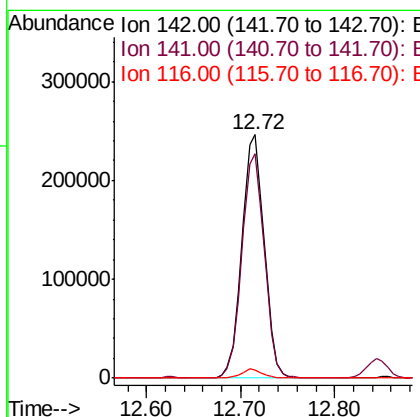
Manual Integrations
APPROVED

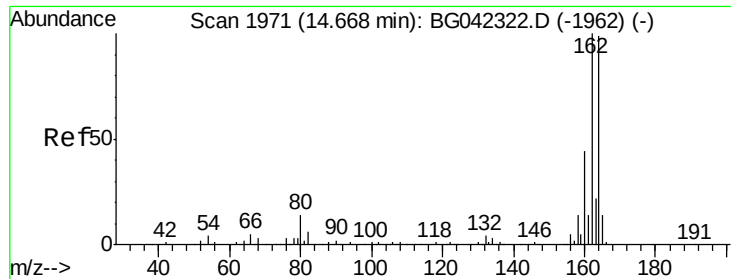
mohammad
8/22/2019 12:49:08 PM



#38
1-Methylnaphthalene
Concen: 41.042 ng
RT: 12.72 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.1	112.7
116	3.4	3.0	4.6





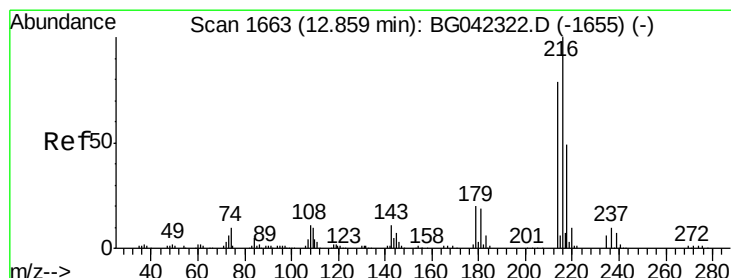
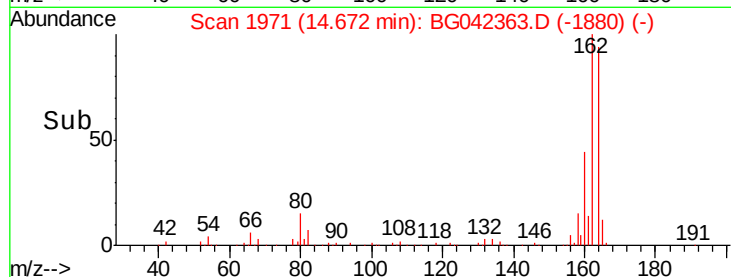
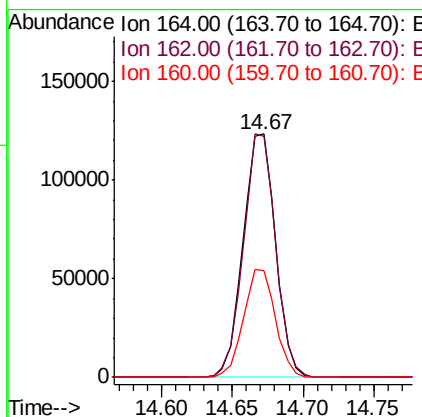
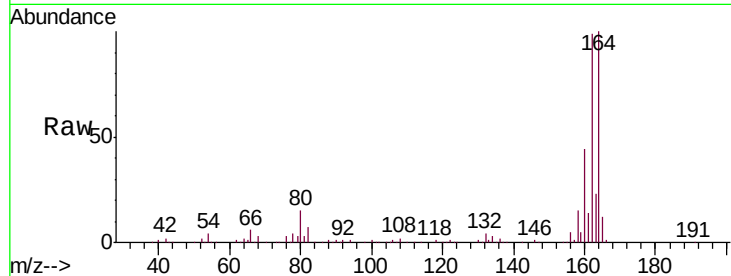
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	198578		
162	99.1	80.6	120.8	
160	43.7	35.7	53.5	

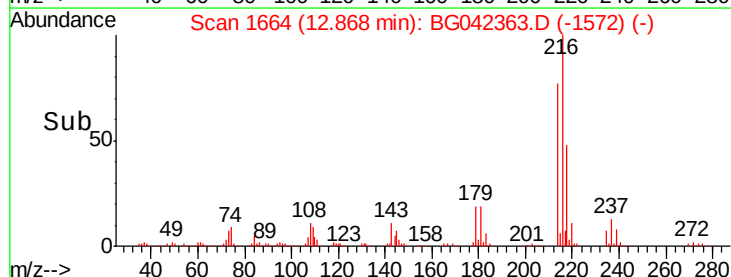
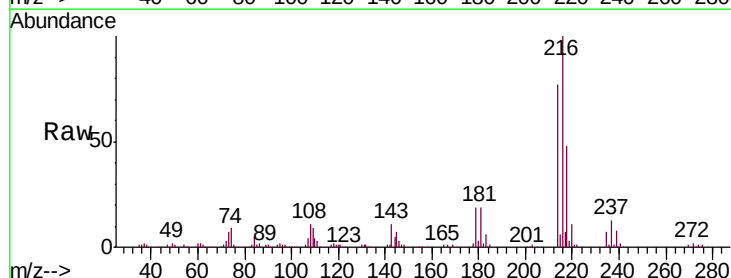
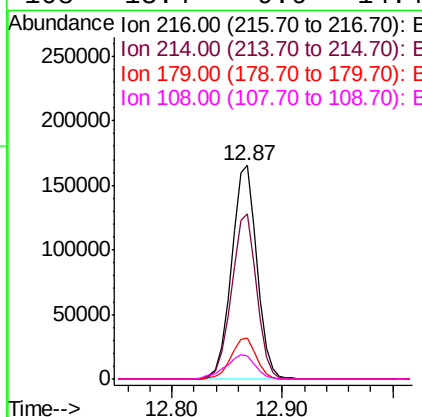
Manual Integrations
APPROVED

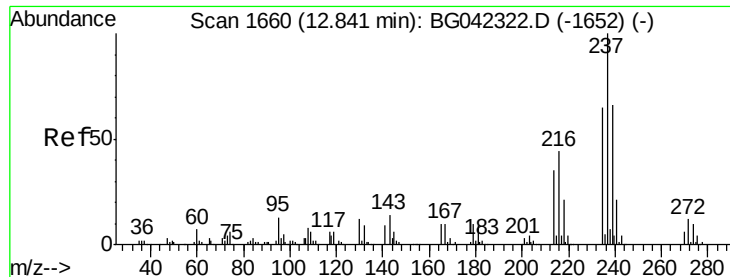
mohammad
8/22/2019 12:49:08 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.365 ng
RT: 12.87 min Scan# 1664
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	264767		
214	76.8	62.2	93.4	
179	19.3	15.3	22.9	
108	13.4	9.6	14.4	





#41

Hexachlorocyclopentadiene

Concen: 86.881 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

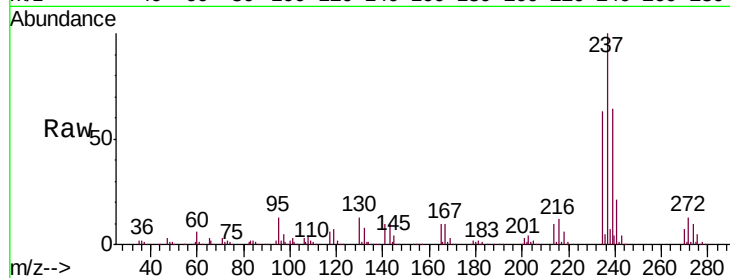
ClientSampleId :

PB122401BS

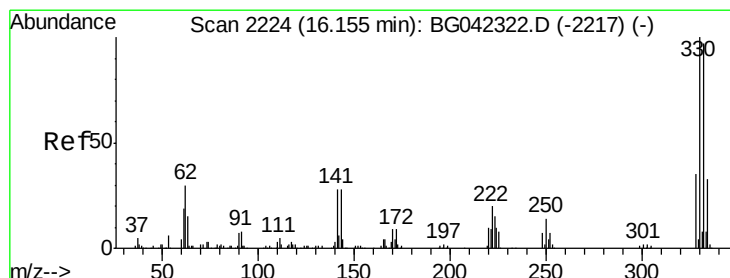
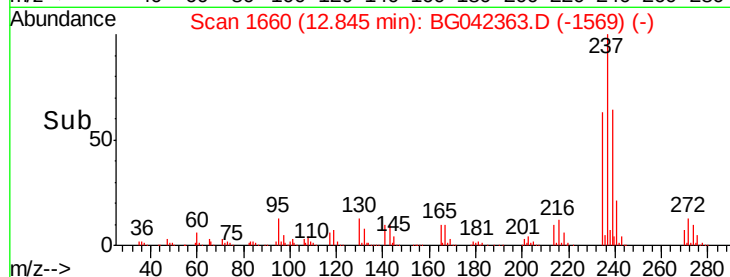
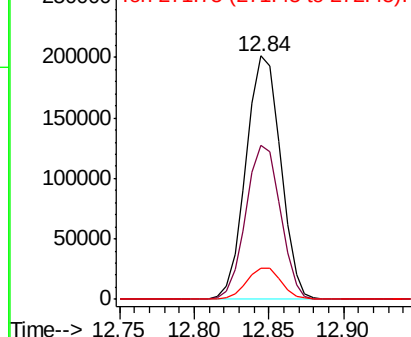
Tot Ion:	237	Resp:	323355
Ion Ratio	Lower	Upper	
237	100		
235	63.2	45.1	85.1
272	13.0	0.0	32.3

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



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



#42

2,4,6-Tribromophenol

Concen: 114.467 ng

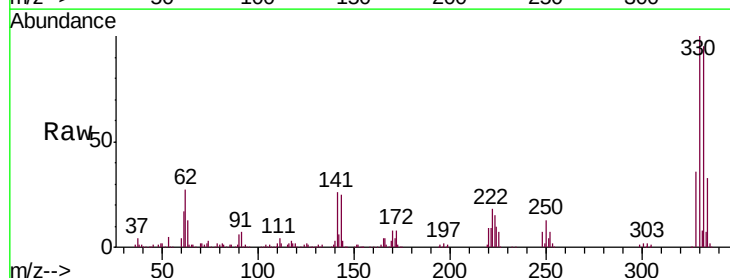
RT: 16.16 min Scan# 2225

Delta R.T. 0.01 min

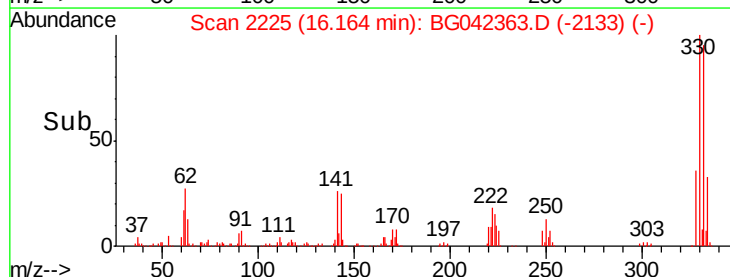
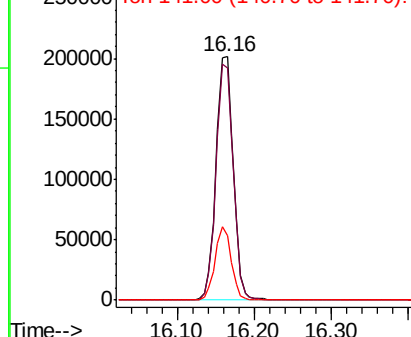
Lab File: BG042363.D

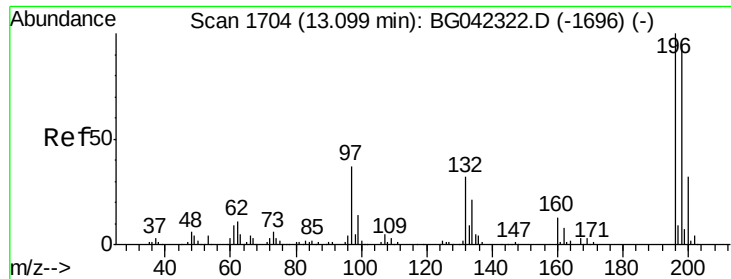
Acq: 20 Aug 2019 18:40

Tgt Ion:	330	Resp:	309587
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.9	115.3
141	28.4	21.8	32.6



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





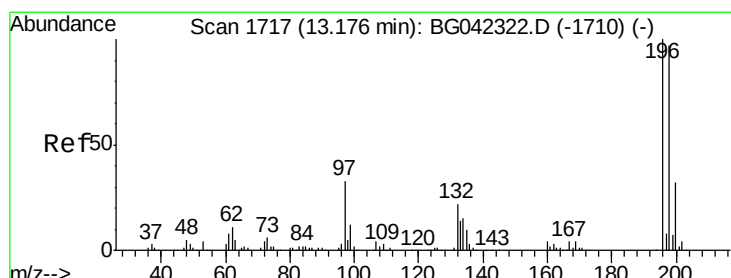
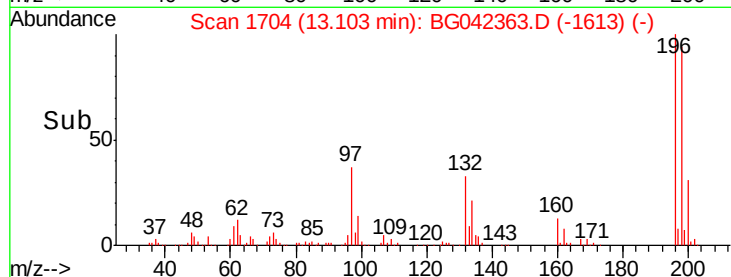
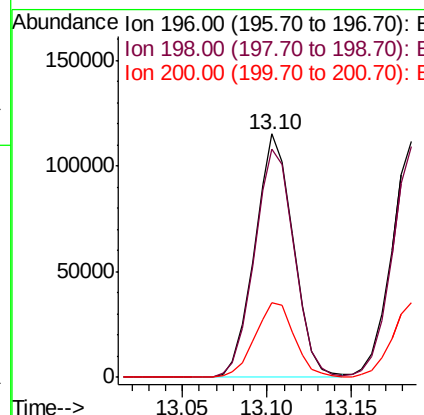
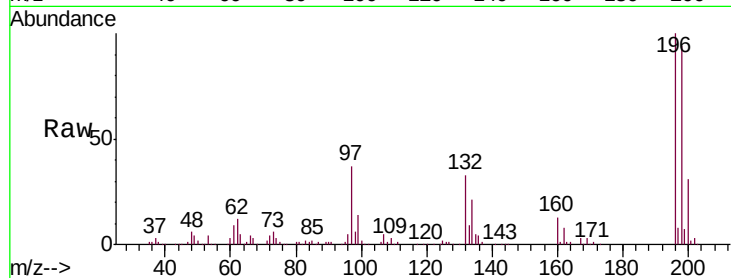
#43
 2,4,6-Trichlorophenol
 Concen: 42.643 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :
 PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	182687		
198	93.9	75.9	113.9	
200	30.7	25.5	38.3	

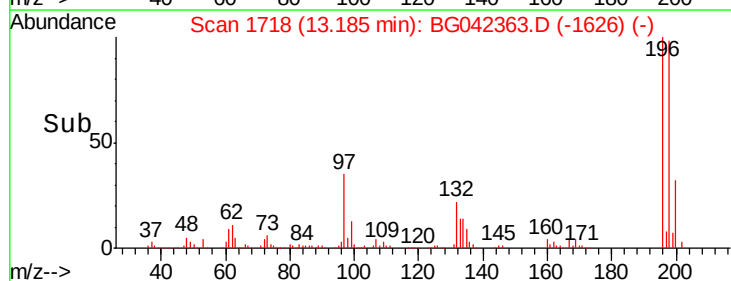
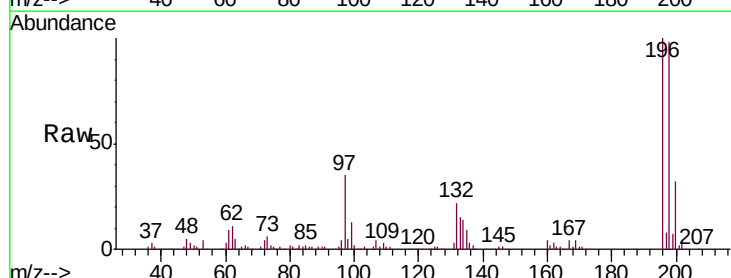
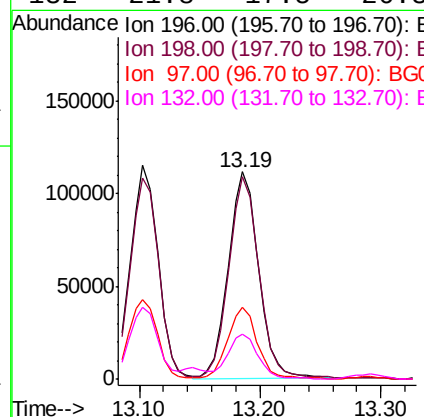
Manual Integrations
 APPROVED

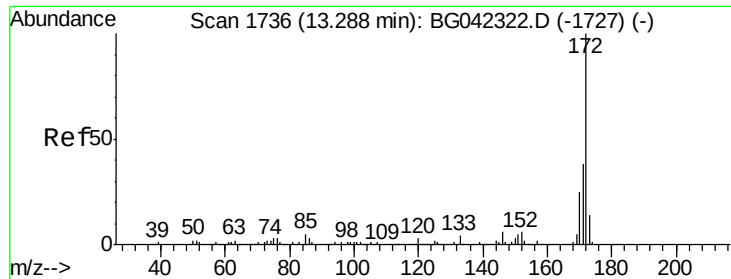
mohammad
 8/22/2019 12:49:08 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.898 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193694		
198	97.9	77.4	116.2	
97	34.7	26.5	39.7	
132	21.8	17.5	26.3	





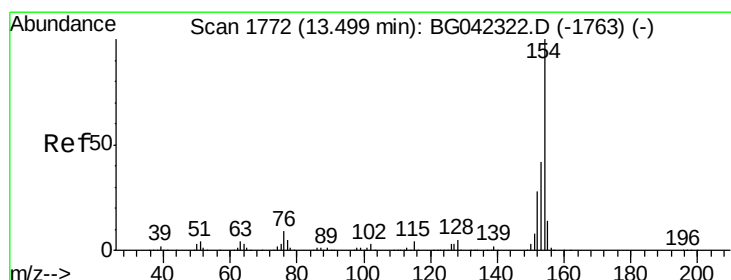
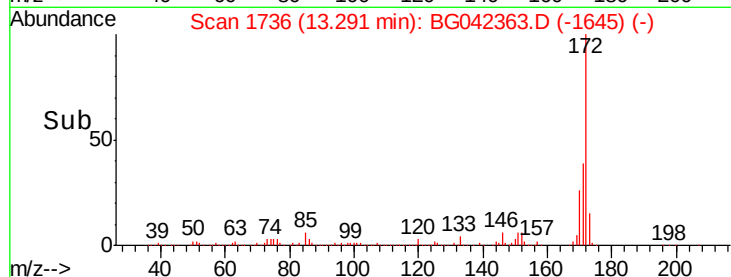
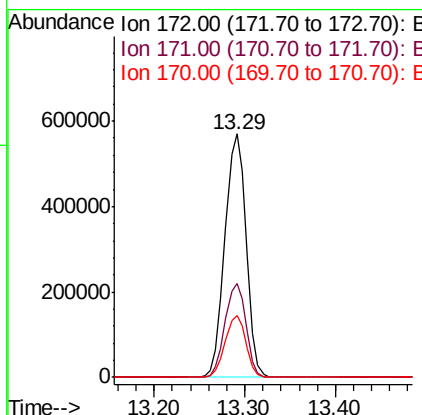
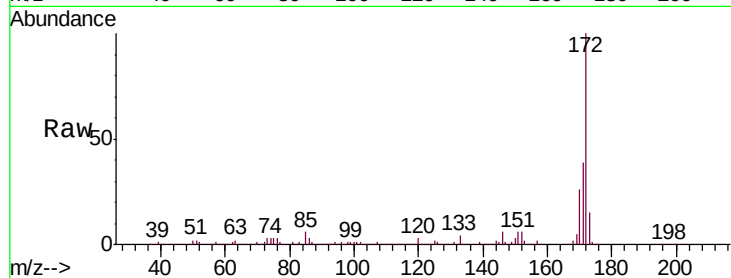
#45
2-Fluorobiphenyl
Concen: 78.773 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	924411		
171	38.6		30.3	45.5
170	25.6		20.0	30.0

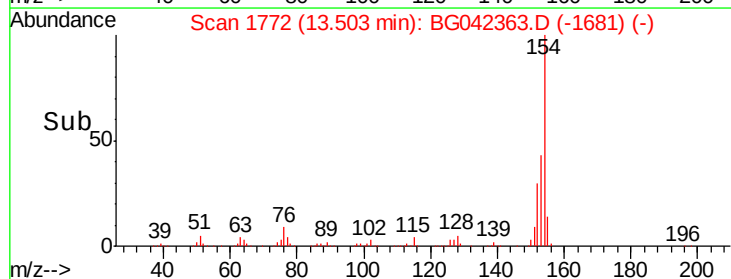
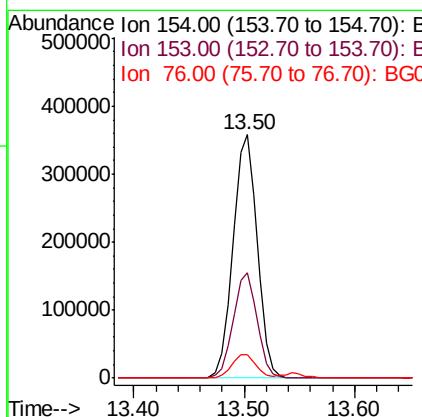
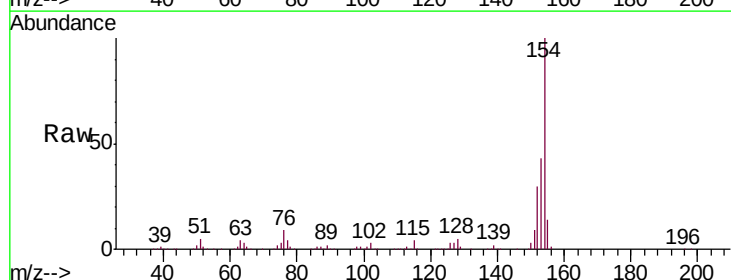
Manual Integrations
APPROVED

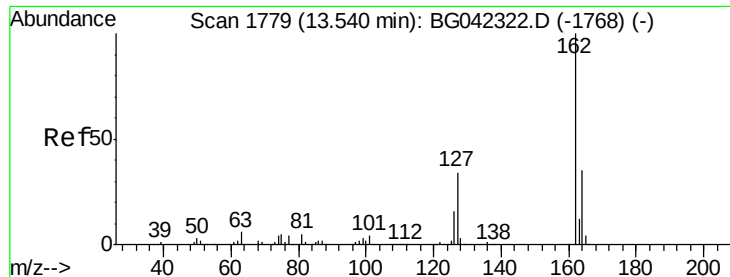
mohammad
8/22/2019 12:49:08 PM



#46
1,1'-Biphenyl
Concen: 42.390 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	549182		
153	43.3		21.9	61.9
76	9.5		0.0	29.3





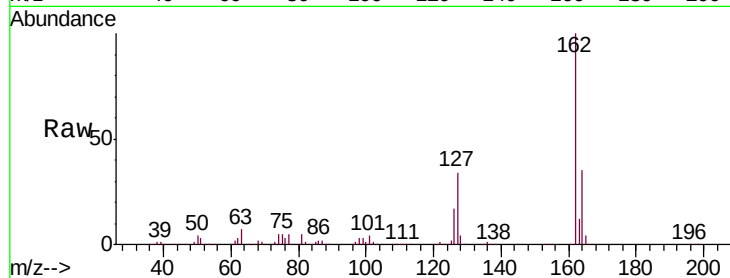
#47
 2-Chloronaphthalene
 Concen: 40.813 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :
 PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	34.5	27.2	40.8	
164	34.8	27.8	41.8	

Manual Integrations
 APPROVED

mohammad
 8/22/2019 12:49:08 PM

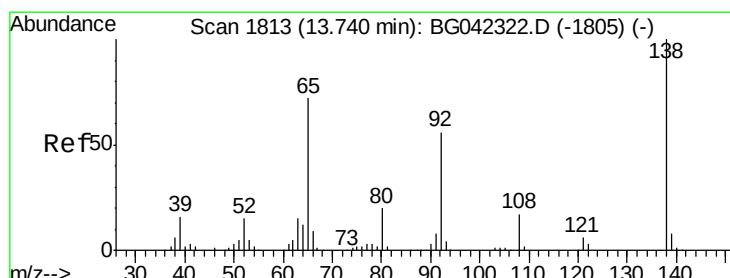
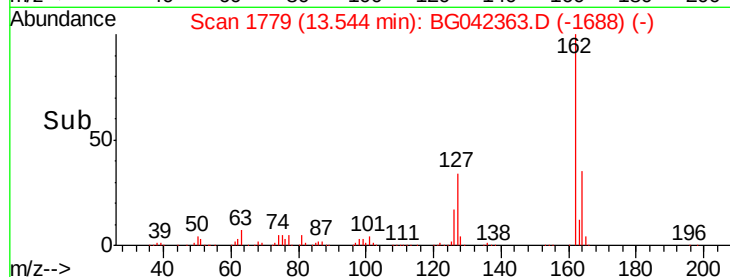
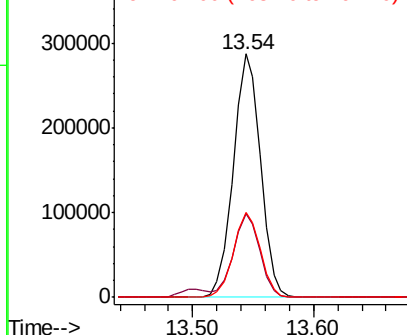


Abundance

Ion 162.00 (161.70 to 162.70): E

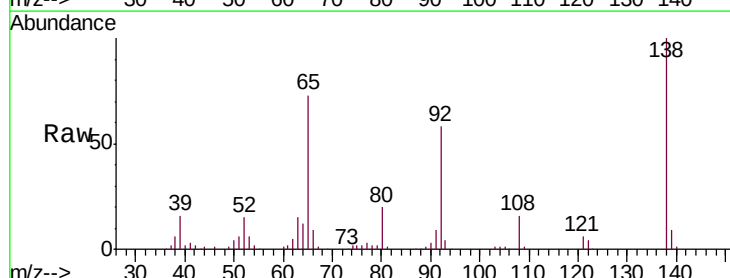
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 40.711 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	80.2	62.6	94.0	
138	137.6	111.5	167.3	

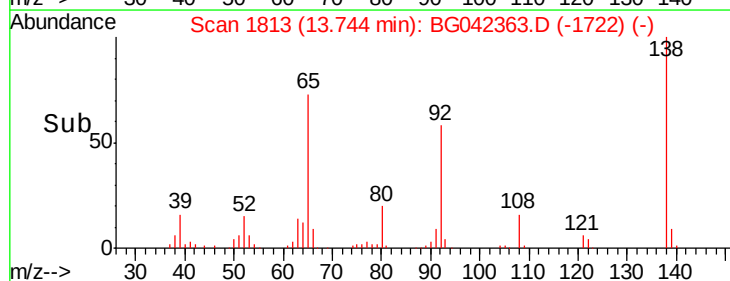
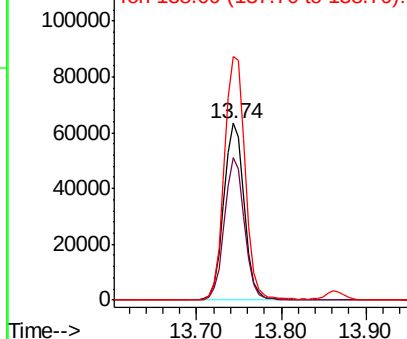


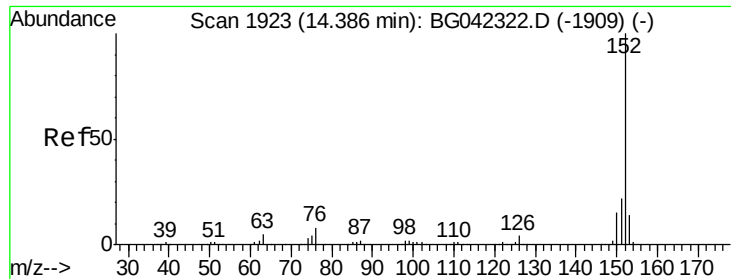
Abundance

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): E





#49

Acenaphthylene

Concen: 42.333 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

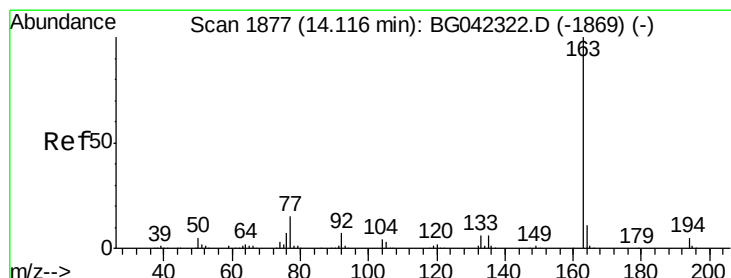
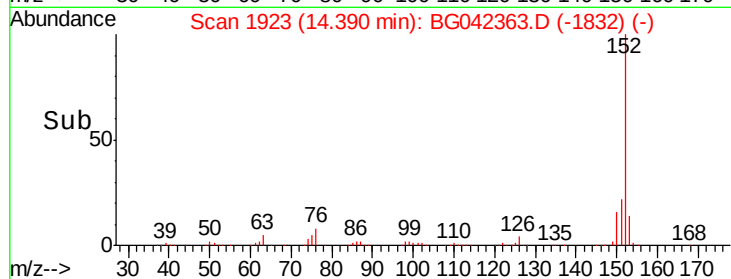
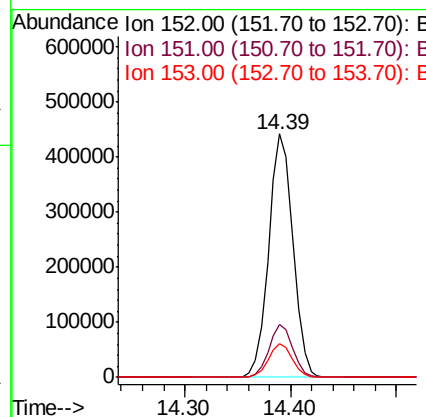
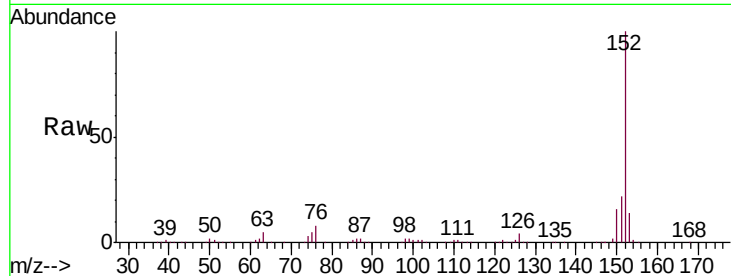
ClientSampleId :

PB122401BS

Tot Ion:	152	Resp:	702897
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.3	25.9
153	14.0	11.5	17.3

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



#50

Dimethylphthalate

Concen: 40.664 ng

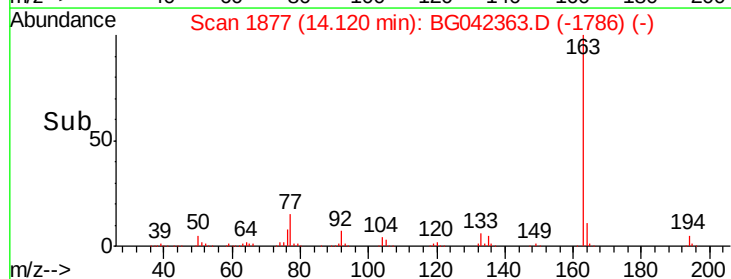
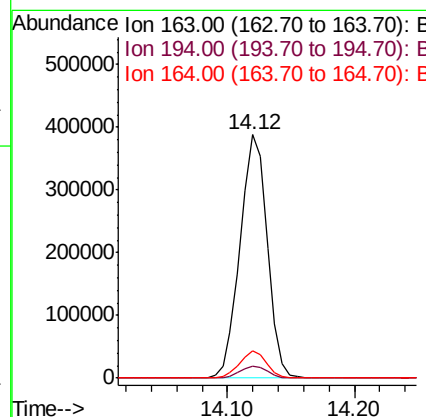
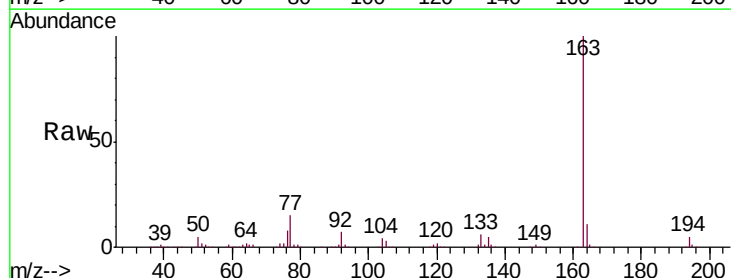
RT: 14.12 min Scan# 1877

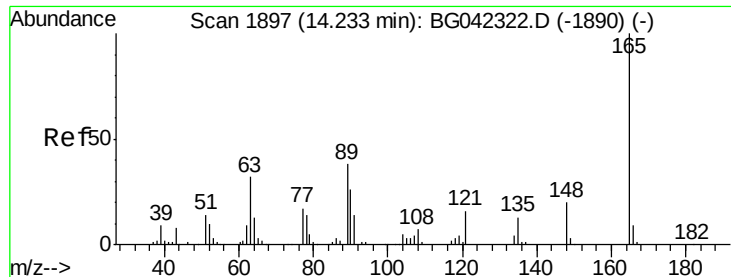
Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion:	163	Resp:	573789
Ion Ratio	Lower	Upper	
163	100		
194	5.0	4.2	6.2
164	11.2	8.8	13.2





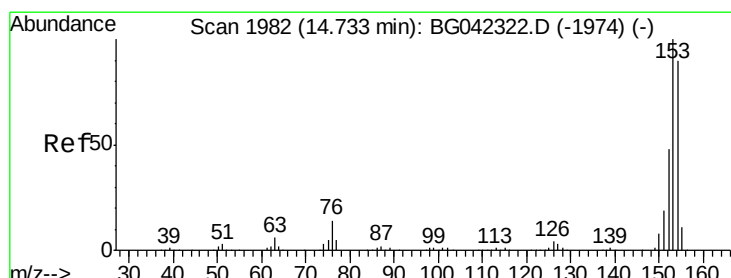
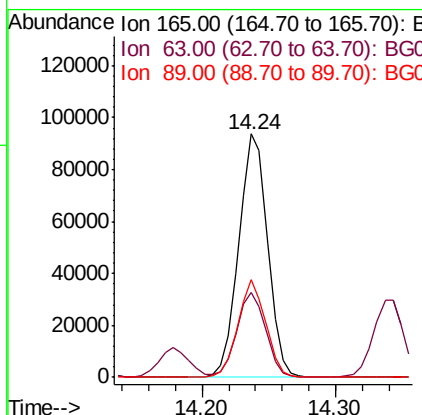
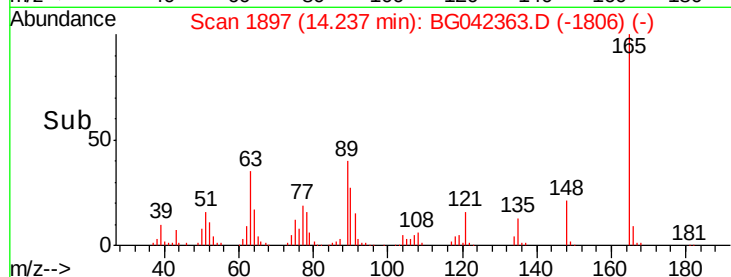
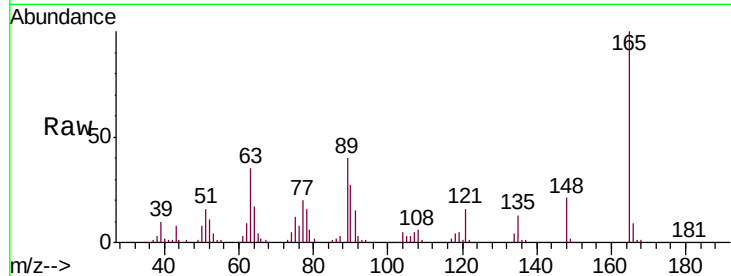
#51
2,6-Dinitrotoluene
Concen: 42.372 ng
RT: 14.24 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	139932		
63	34.9	28.2	42.2	
89	39.9	30.0	45.0	

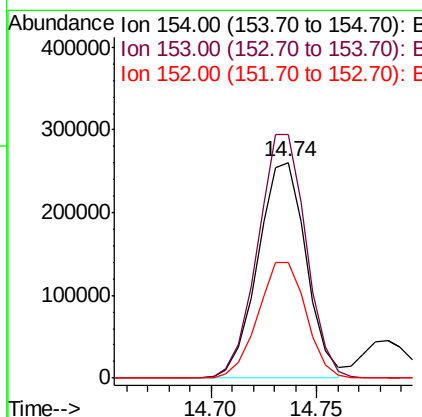
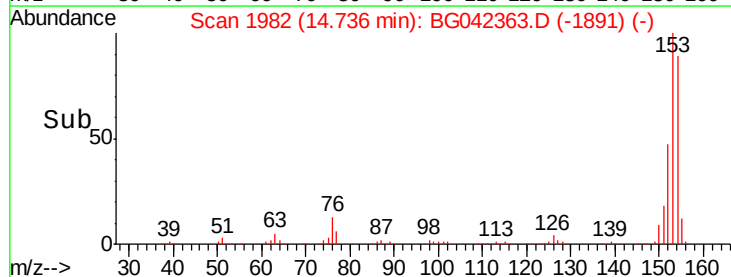
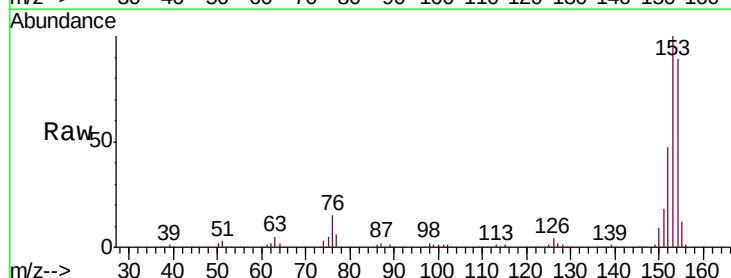
Manual Integrations
APPROVED

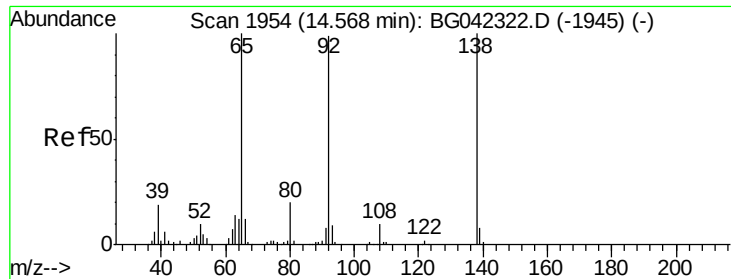
mohammad
8/22/2019 12:49:08 PM



#52
Acenaphthene
Concen: 40.968 ng
RT: 14.74 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	414958		
153	112.7	89.4	134.0	
152	53.3	43.1	64.7	





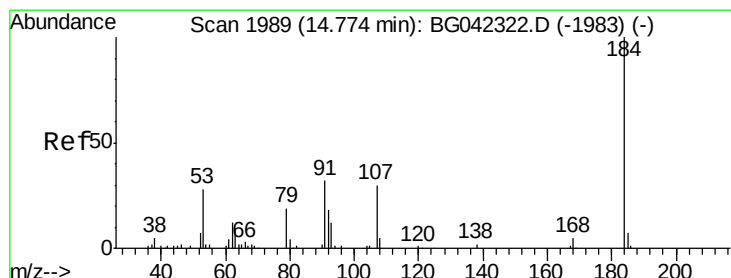
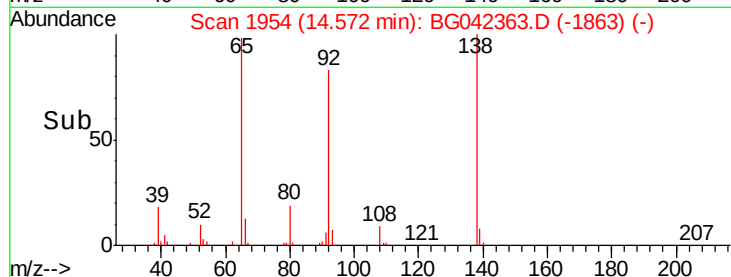
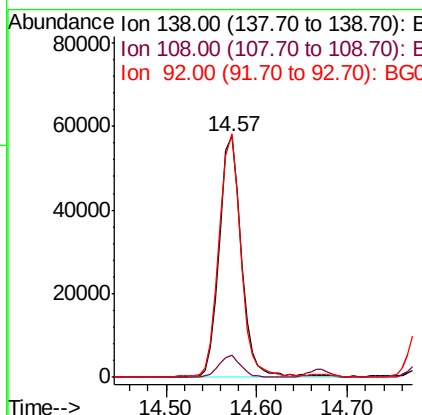
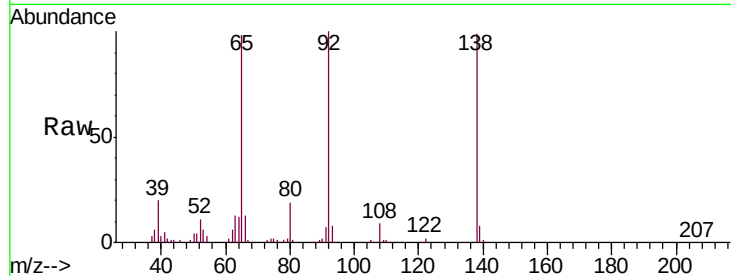
#53
 3-Nitroaniline
 Concen: 30.025 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :
 PB122401BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.9	11.9
92	101.0	79.8	119.8

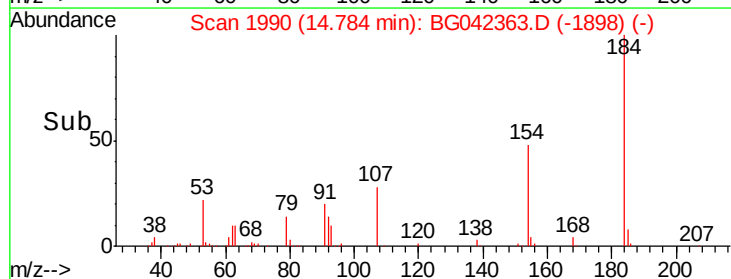
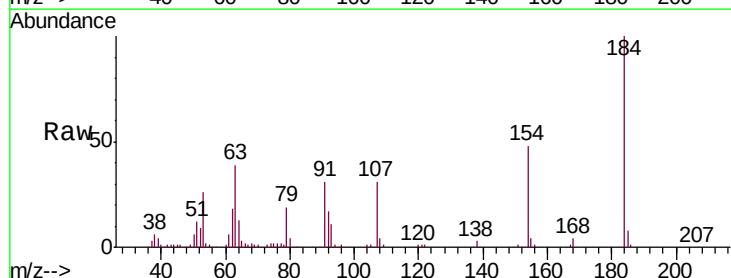
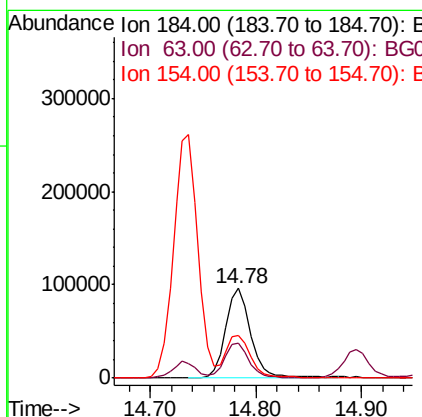
Manual Integrations
 APPROVED

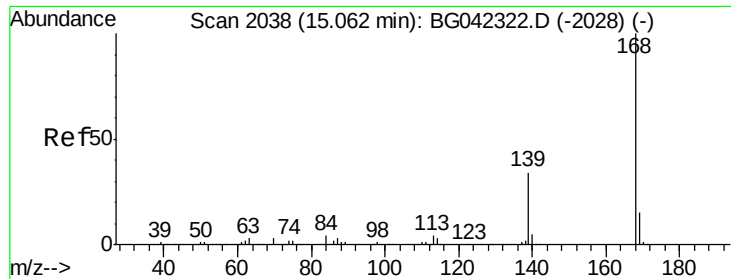
mohammad
 8/22/2019 12:49:08 PM



#54
 2,4-Dinitrophenol
 Concen: 74.888 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	38.5	30.2	45.4
154	47.6	39.7	59.5





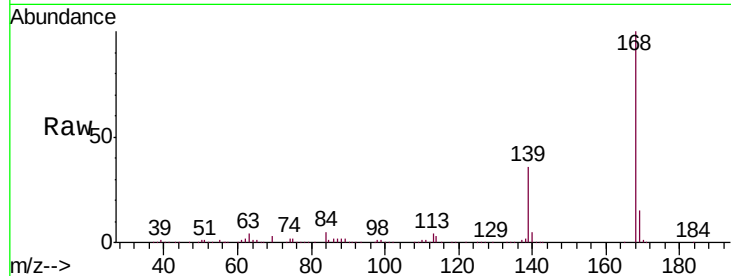
#55
Dibenzenofuran
Concen: 42.064 ng
RT: 15.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampled :
PB122401BS

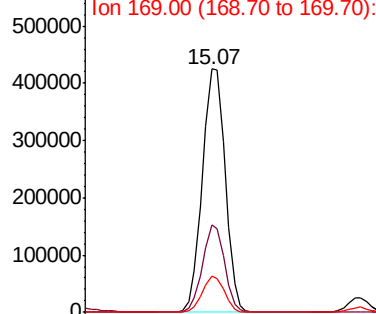
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	27.6	41.4
169	15.0	11.7	17.5

Manual Integrations
APPROVED

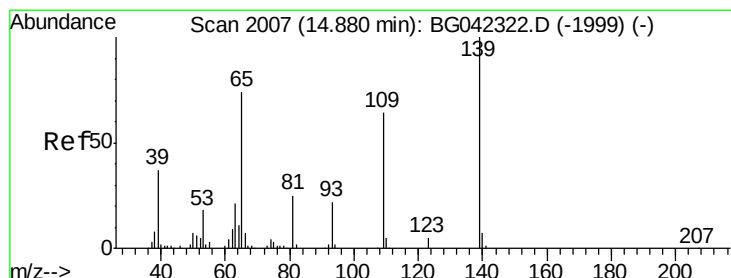
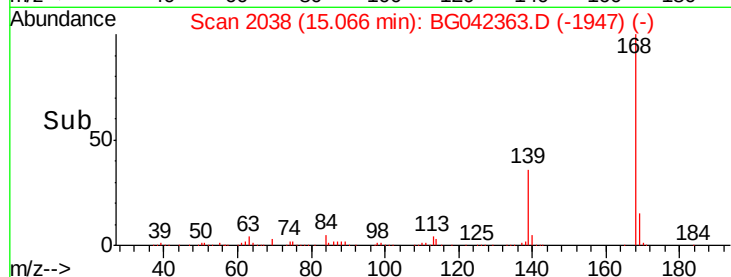
mohammad
8/22/2019 12:49:08 PM



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



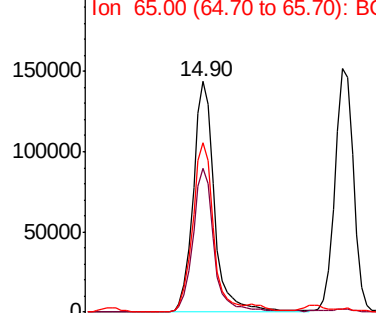
Time-->



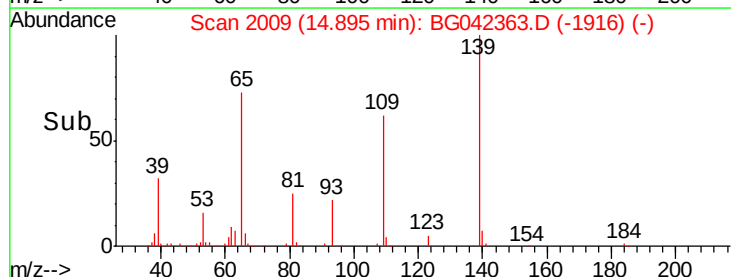
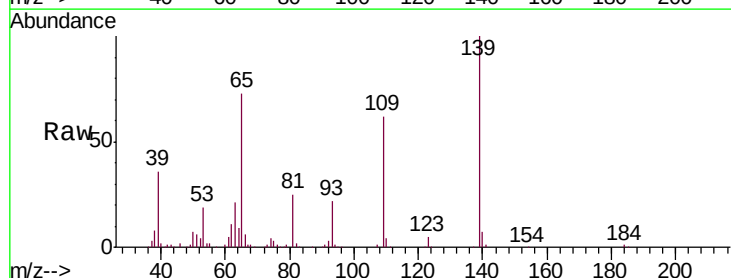
#56
4-Nitrophenol
Concen: 110.730 ng
RT: 14.90 min Scan# 2009
Delta R.T. 0.02 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

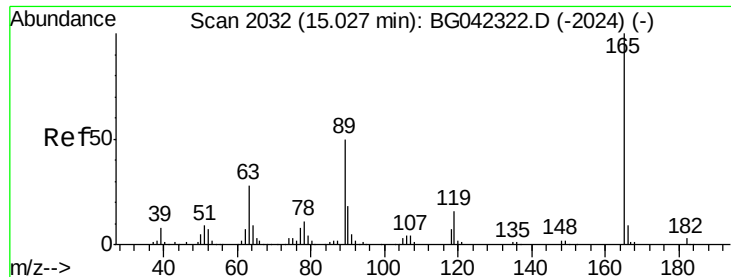
Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.4	44.0	84.0
65	73.3	54.5	94.5

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



Time-->





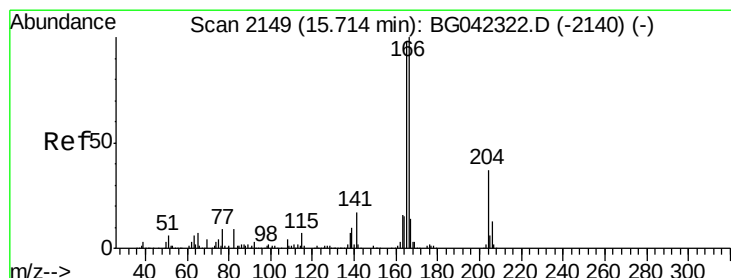
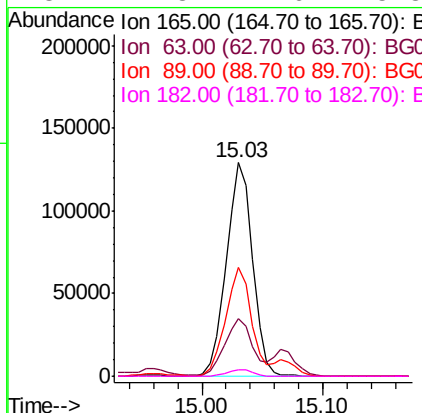
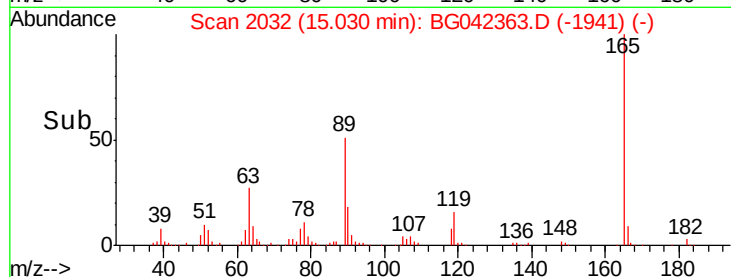
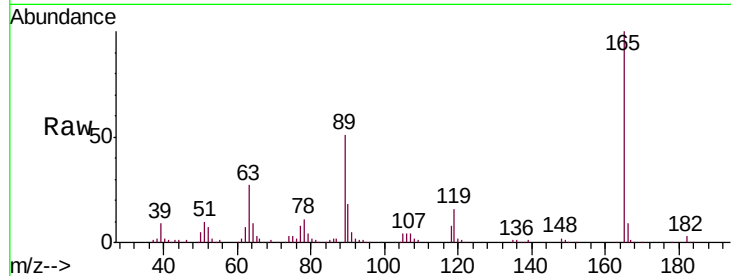
#57
 2,4-Dinitrotoluene
 Concen: 42.130 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :
 PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	194526		
63	27.1		22.4	33.6
89	51.2		40.2	60.2
182	2.8		2.6	3.8

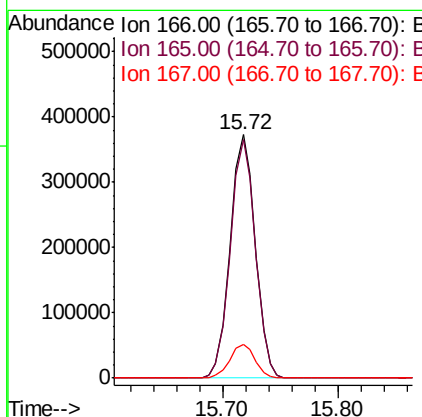
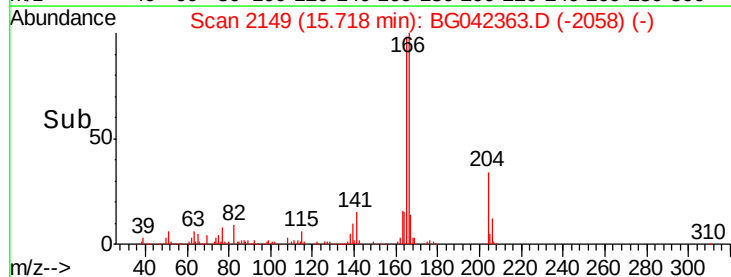
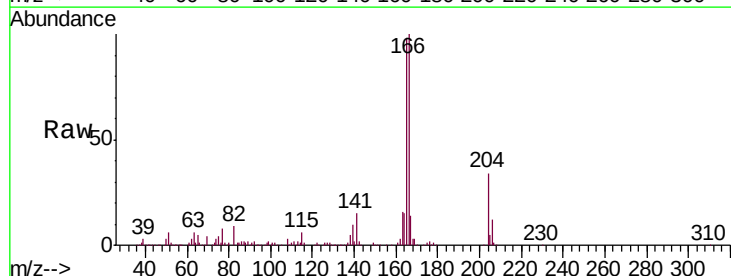
Manual Integrations
 APPROVED

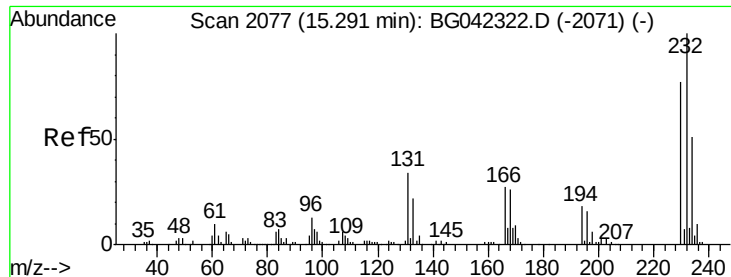
mohammad
 8/22/2019 12:49:08 PM



#58
 Fluorene
 Concen: 41.802 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	561033		
165	97.9		78.7	118.1
167	14.0		11.1	16.7





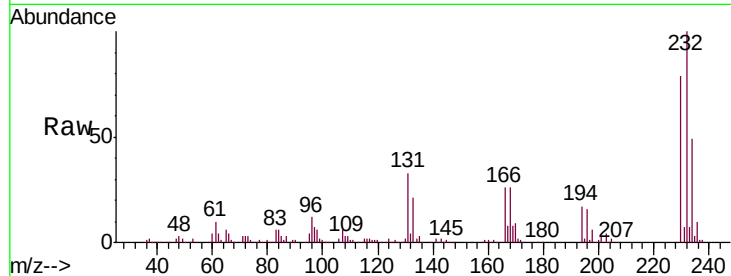
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.408 ng/ml
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.01 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :
 PB122401BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	28.0	27.0	40.6
130	1.4	1.4	2.0
166	20.9	21.3	31.9

Manual Integrations
 APPROVED

mohammad
 8/22/2019 12:49:08 PM



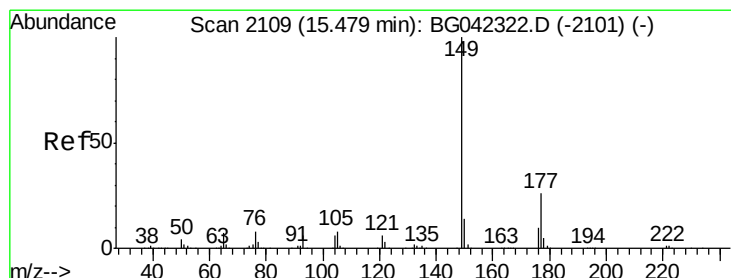
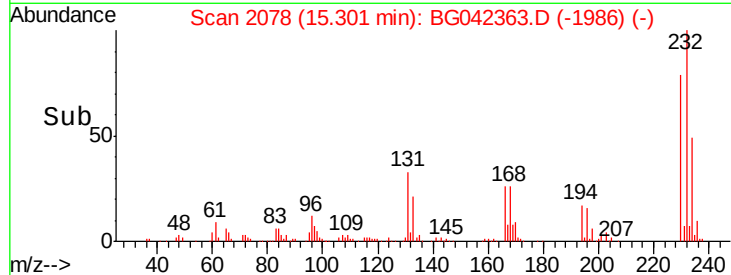
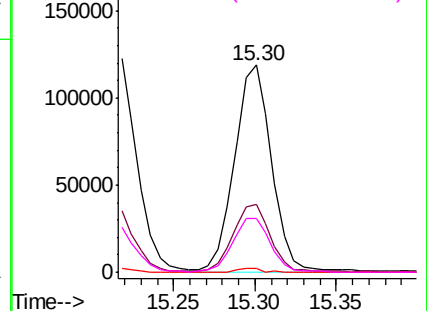
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

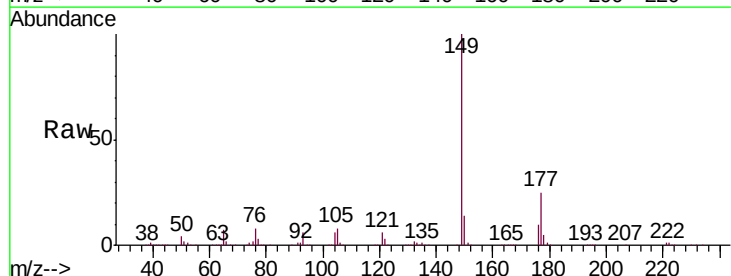
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.728 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	25.1	20.7	31.1
150	13.6	11.0	16.4

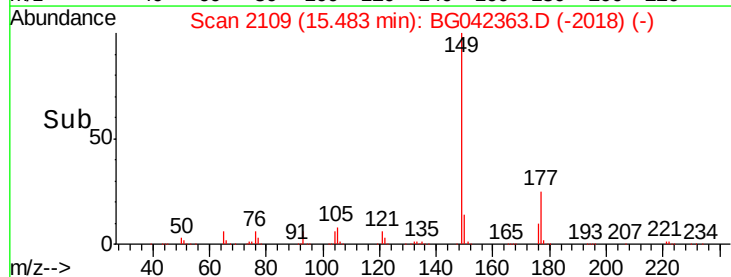
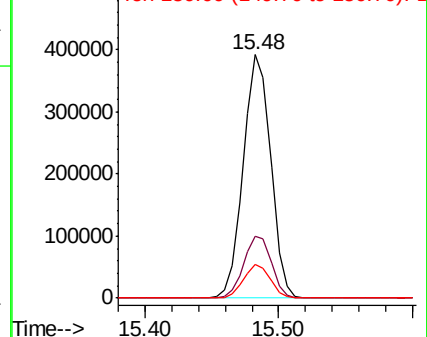


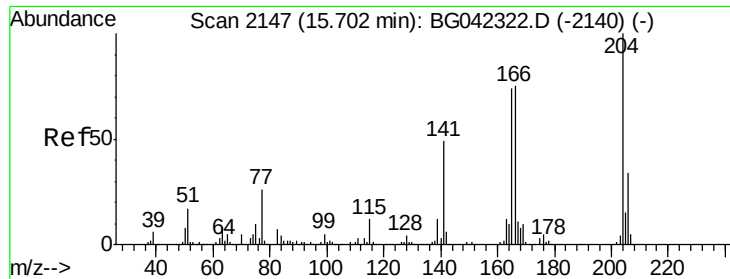
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





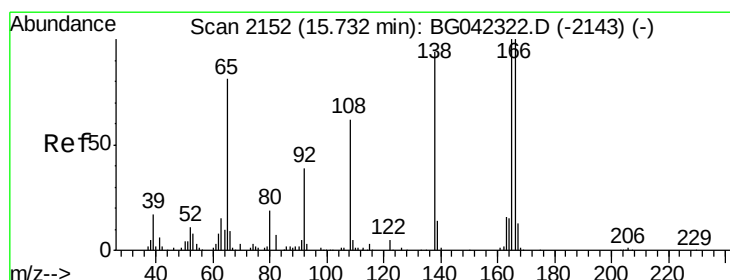
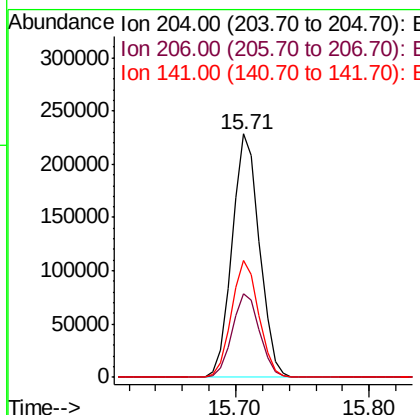
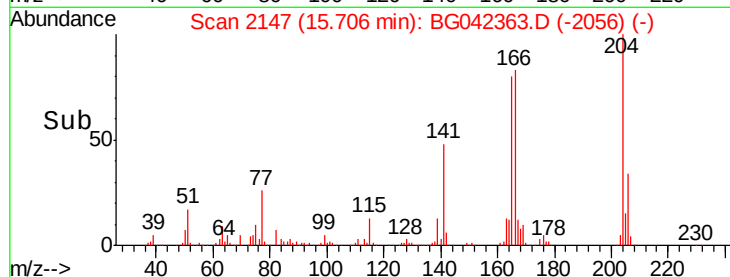
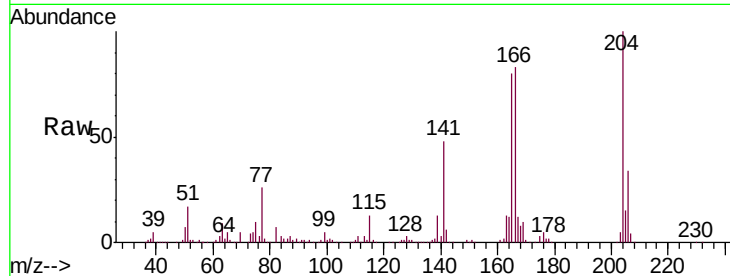
#61
4-Chlorophenyl-phenylether
Concen: 40.546 ng
RT: 15.71 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.5	41.3
141	48.2	38.8	58.2

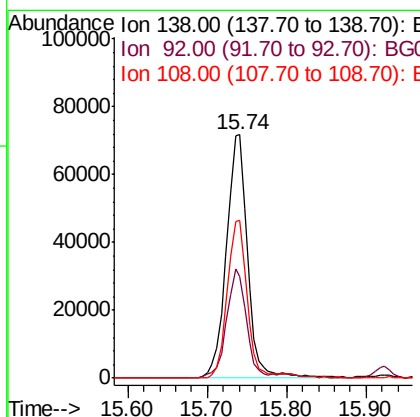
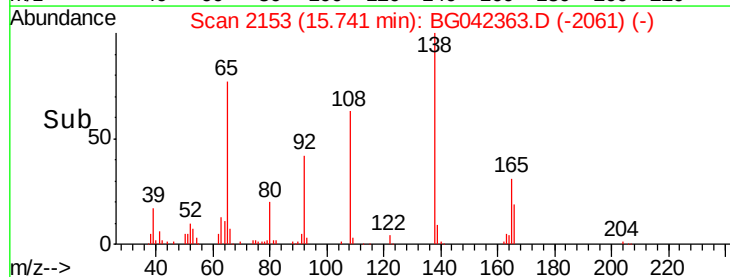
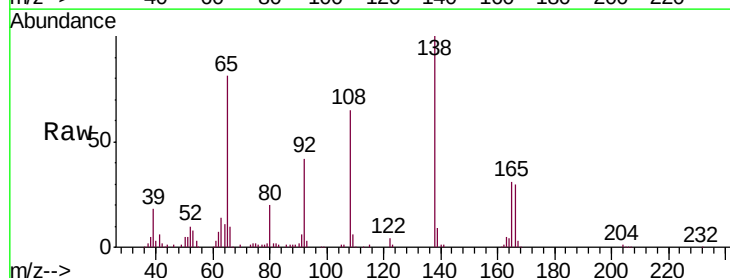
Manual Integrations
APPROVED

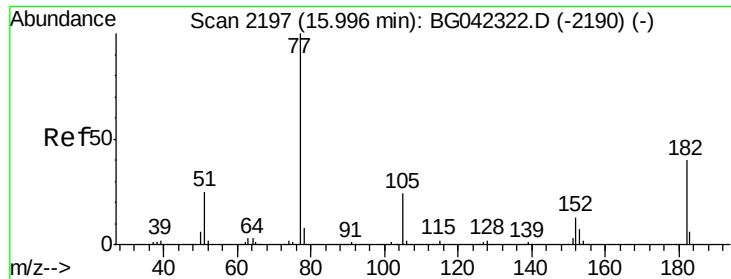
mohammad
8/22/2019 12:49:08 PM



#62
4-Nitroaniline
Concen: 38.897 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.0	21.5	61.5
108	64.9	45.7	85.7





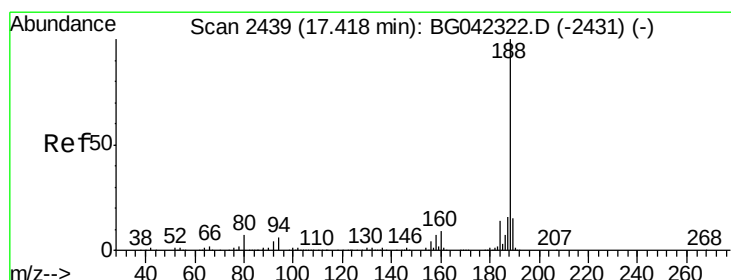
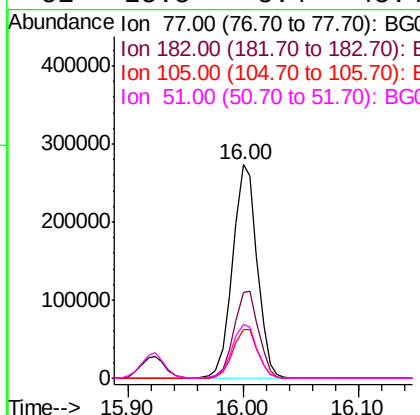
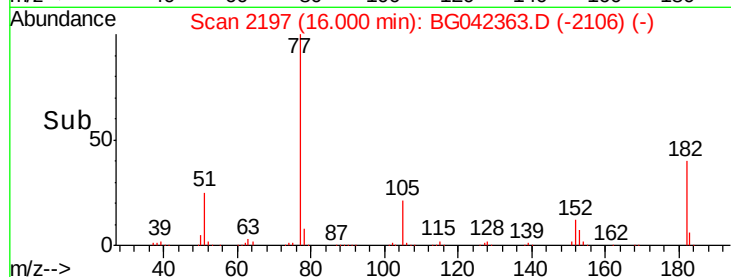
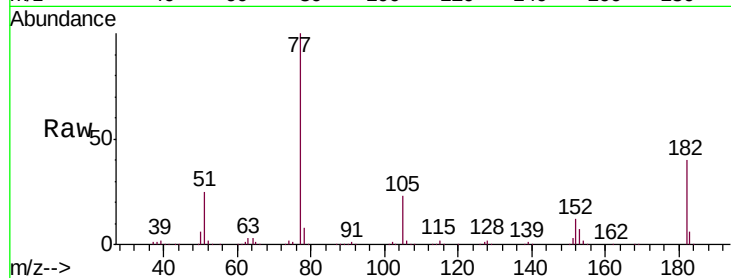
#63
Azobenzene
Concen: 42.100 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	40.0	19.7	59.7	
105	22.9	3.5	43.5	
51	25.5	5.4	45.4	

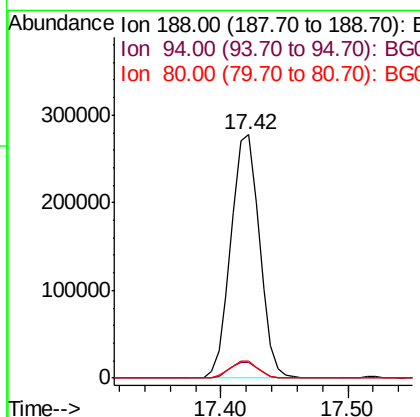
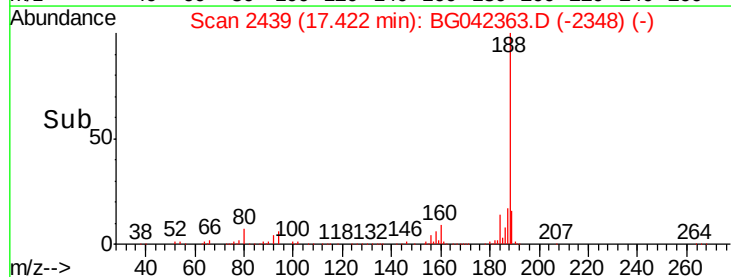
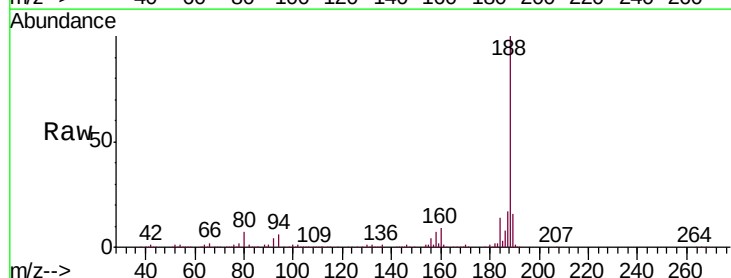
Manual Integrations
APPROVED

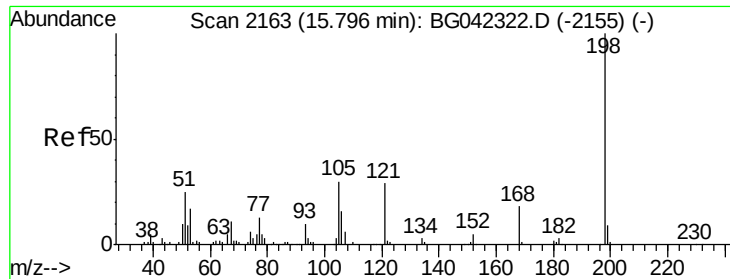
mohammad
8/22/2019 12:49:08 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.5	4.9	7.3	
80	6.9	5.4	8.0	





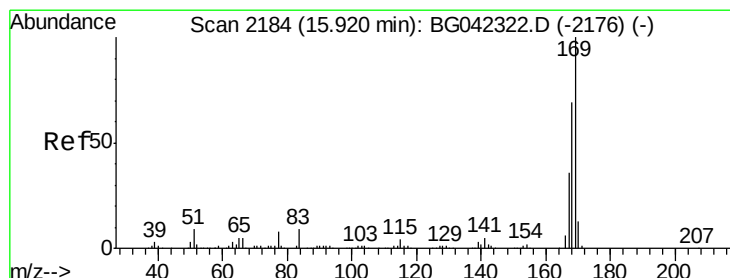
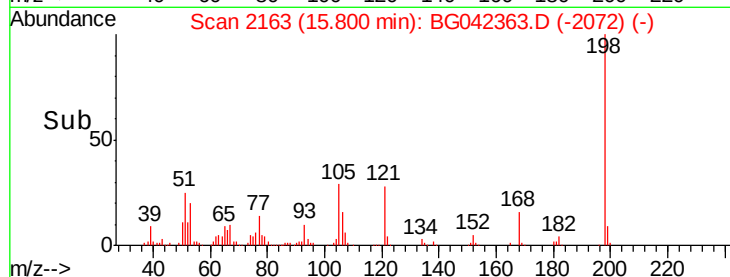
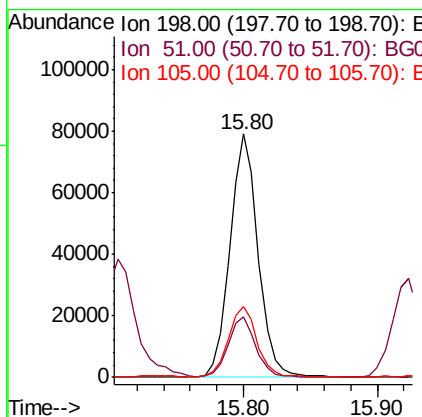
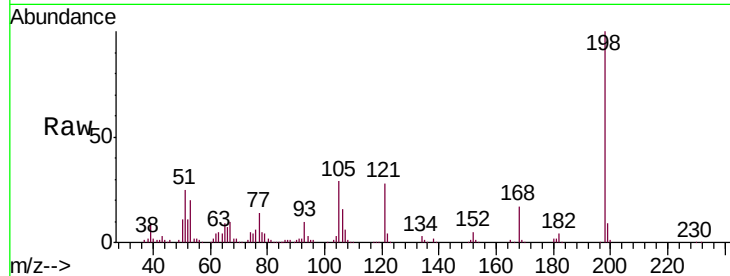
#65
4,6-Dinitro-2-methylphenol
Concen: 43.926 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	115928		
51	24.8		6.4	46.4
105	29.1		10.0	50.0

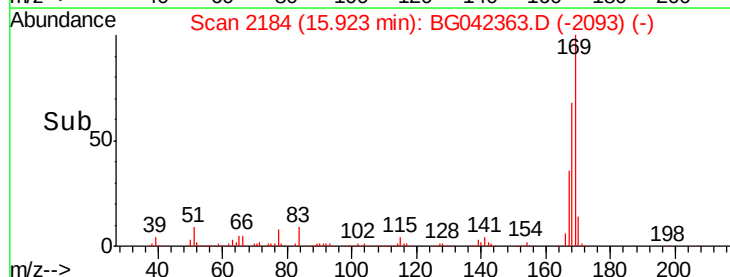
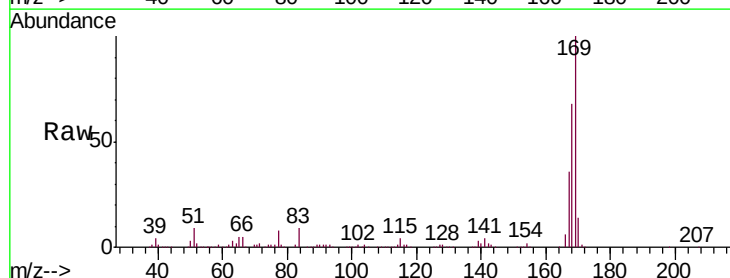
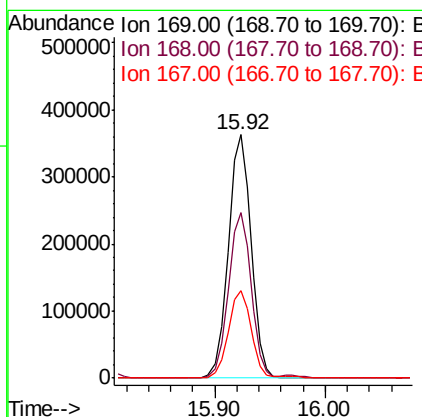
Manual Integrations
APPROVED

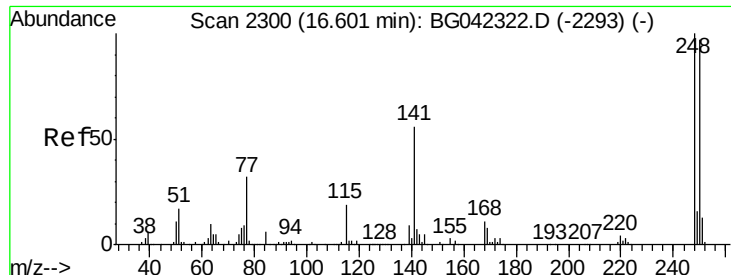
mohammad
8/22/2019 12:49:08 PM



#66
n-Nitrosodiphenylamine
Concen: 43.431 ng
RT: 15.92 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	525663		
168	67.9		55.5	83.3
167	36.2		28.9	43.3





#67

4-Bromophenyl-phenylether

Concen: 40.601 ng

RT: 16.60 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

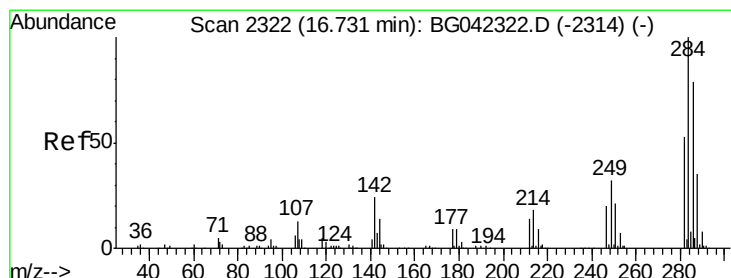
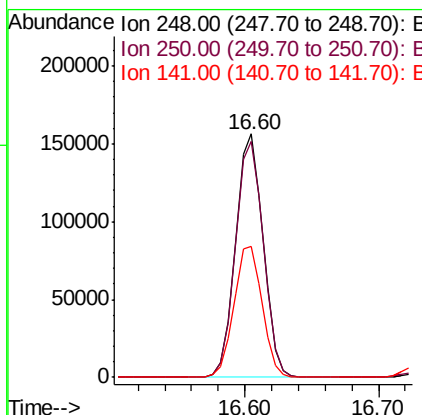
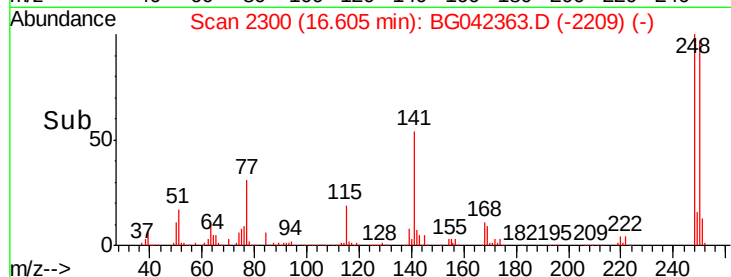
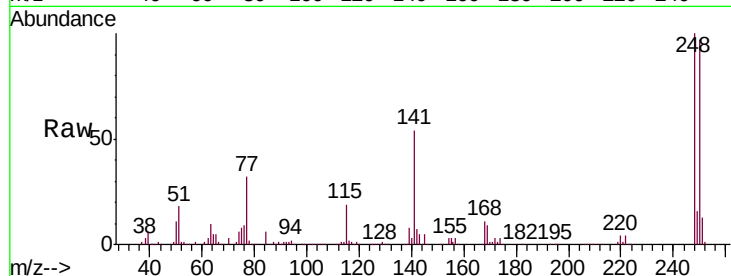
ClientSampleId :

PB122401BS

Tot Ion:	248	Resp:	223484
Ion Ratio	Lower	Upper	
248	100		
250	97.1	78.0	117.0
141	54.0	44.9	67.3

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



#68

Hexachlorobenzene

Concen: 39.299 ng

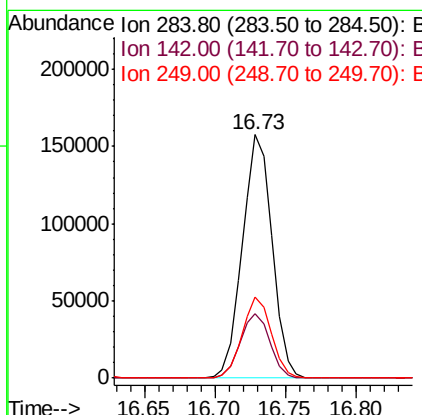
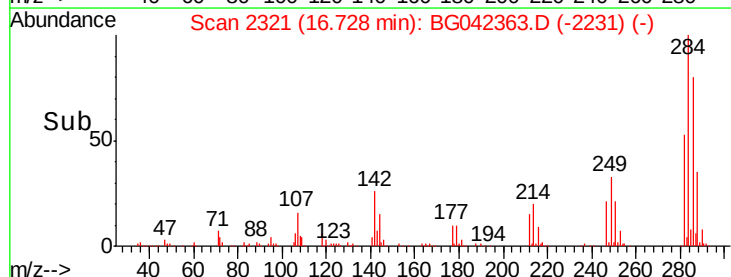
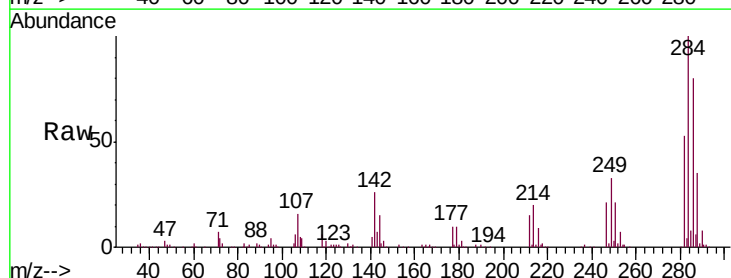
RT: 16.73 min Scan# 2321

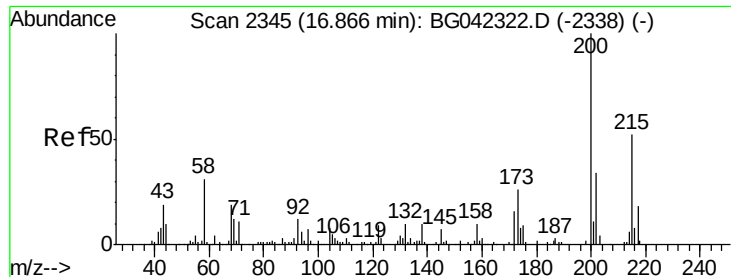
Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion:	284	Resp:	231721
Ion Ratio	Lower	Upper	
284	100		
142	26.4	19.0	28.4
249	33.1	25.9	38.9





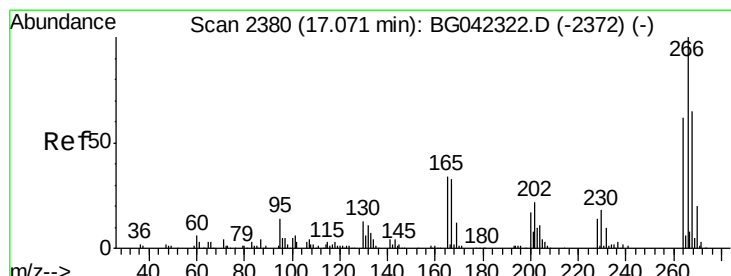
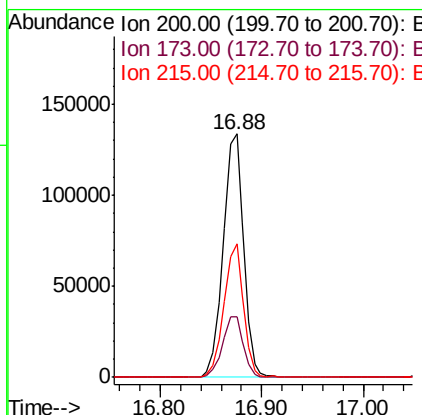
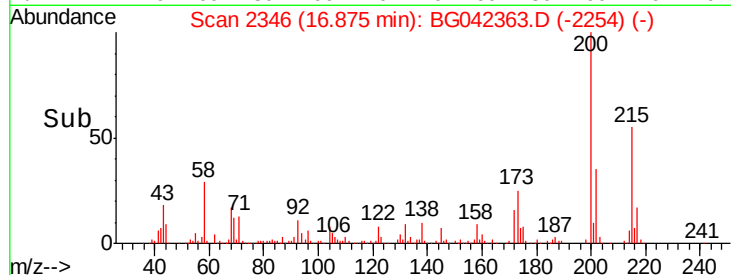
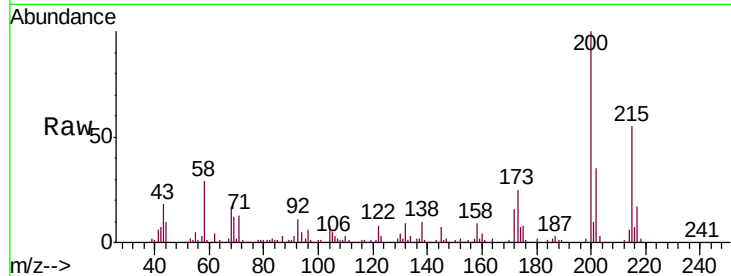
#69
Atrazine
Concen: 45.172 ng
RT: 16.88 min Scan# 2346
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	187404		
173	24.6	6.0	46.0	
215	54.9	32.4	72.4	

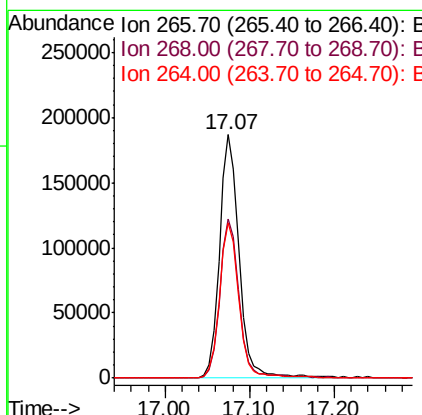
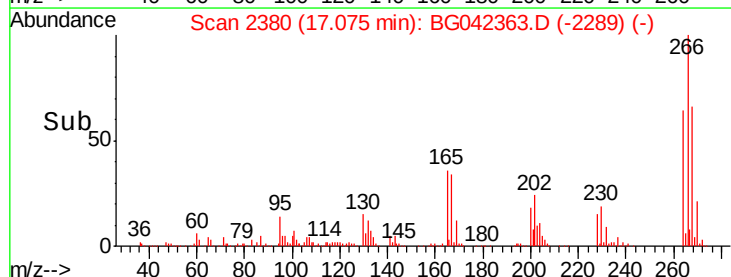
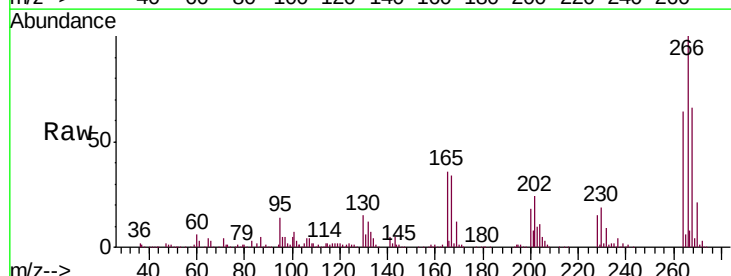
Manual Integrations
APPROVED

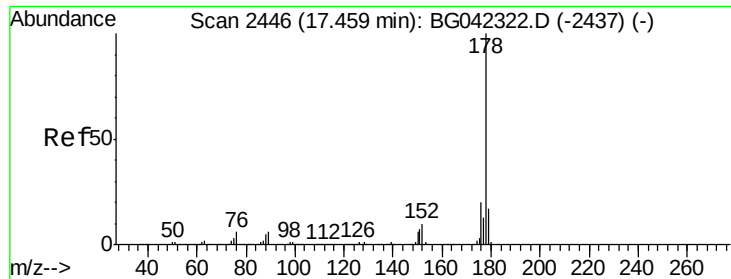
mohammad
8/22/2019 12:49:08 PM



#70
Pentachlorophenol
Concen: 96.501 ng
RT: 17.07 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	302885		
268	65.5	51.6	77.4	
264	63.8	49.5	74.3	





#71

Phenanthrene

Concen: 42.529 ng

RT: 17.46 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

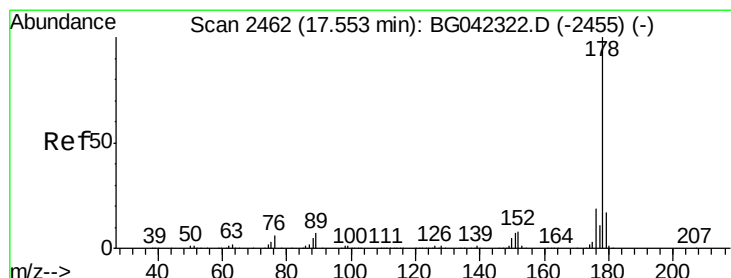
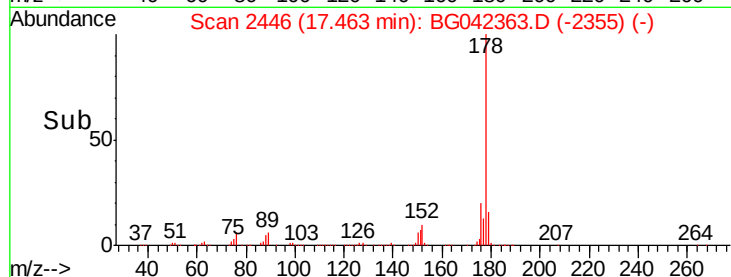
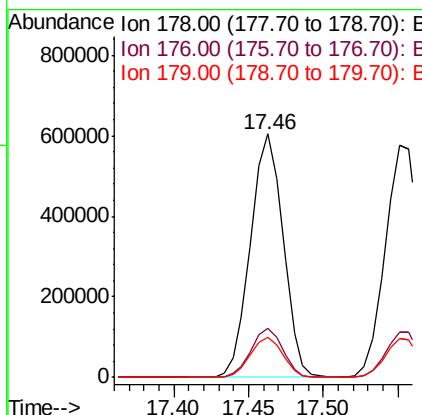
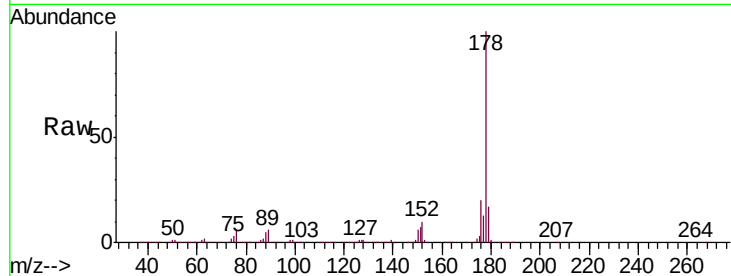
ClientSampleId :

PB122401BS

Tot Ion:178	Resp:	916170
Ion Ratio	Lower	Upper
178	100	
176	20.1	16.2 24.4
179	16.6	13.7 20.5

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



#72

Anthracene

Concen: 43.377 ng

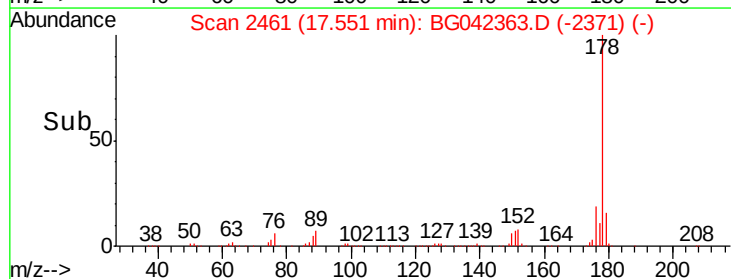
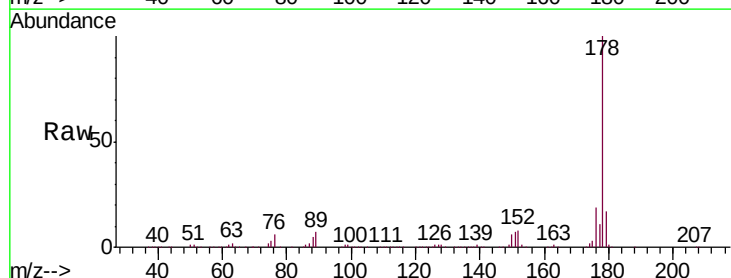
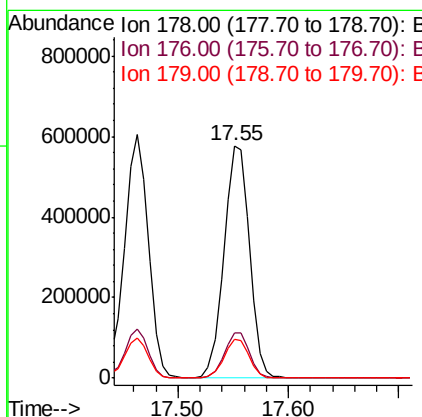
RT: 17.55 min Scan# 2461

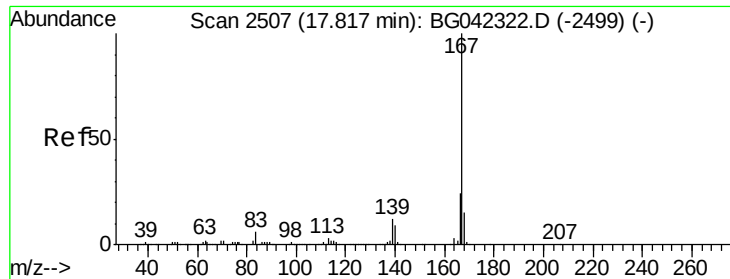
Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion:178	Resp:	931953
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.5 23.3
179	16.5	13.6 20.4





#73

Carbazole

Concen: 43.970 ng

RT: 17.82 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

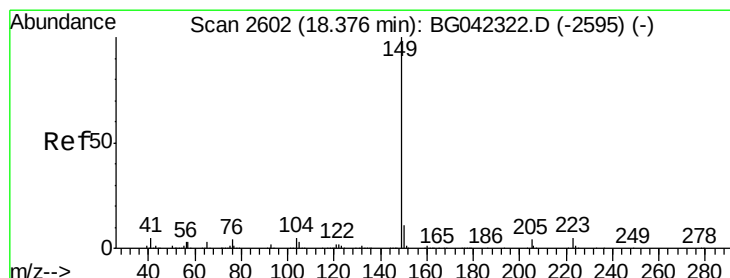
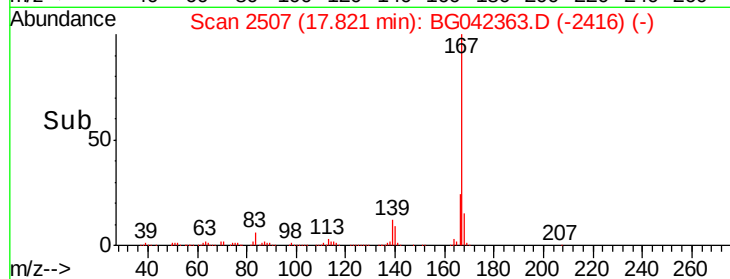
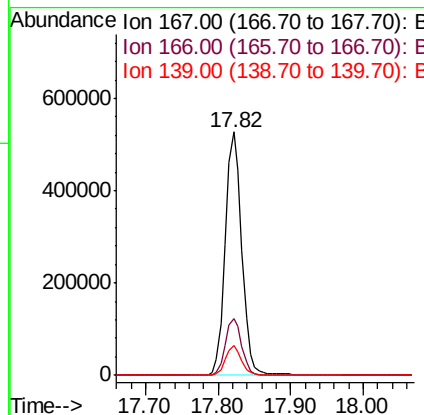
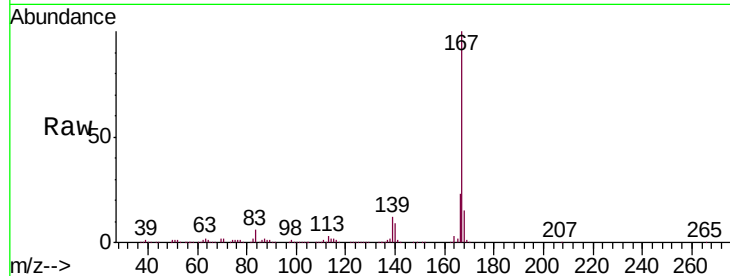
ClientSampleId :

PB122401BS

Tot Ion:	167	Resp:	839178
Ion Ratio	Lower	Upper	
167	100		
166	23.5	19.0	28.6
139	12.1	9.7	14.5

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



#74

Di-n-butylphthalate

Concen: 42.845 ng

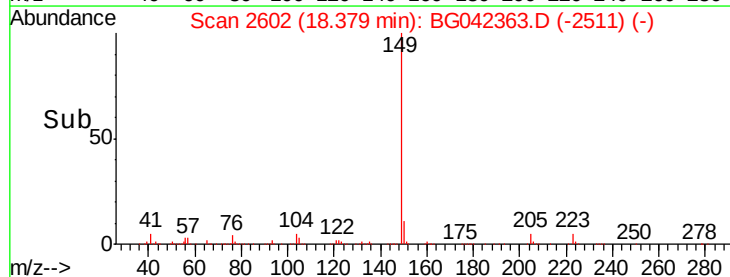
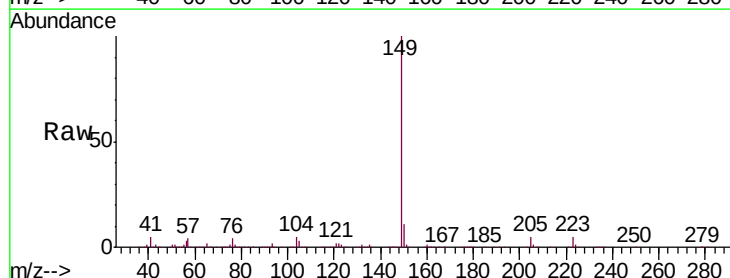
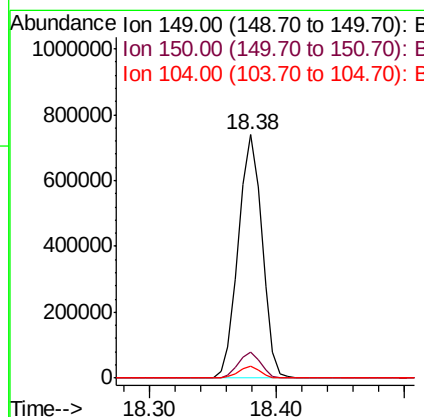
RT: 18.38 min Scan# 2602

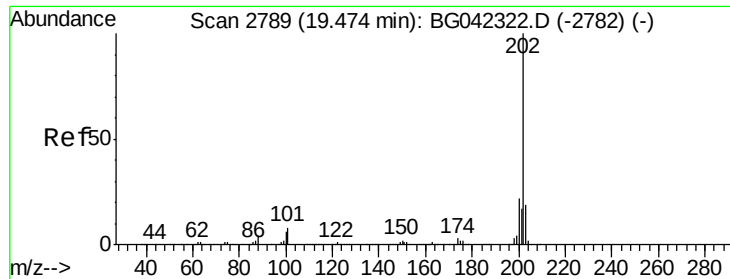
Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion:	149	Resp:	953848
Ion Ratio	Lower	Upper	
149	100		
150	10.7	8.4	12.6
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 43.660 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

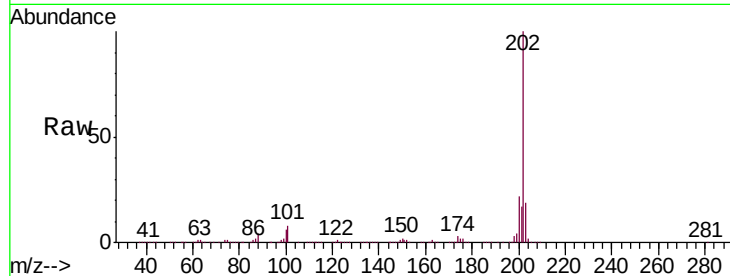
ClientSampleID :

PB122401BS

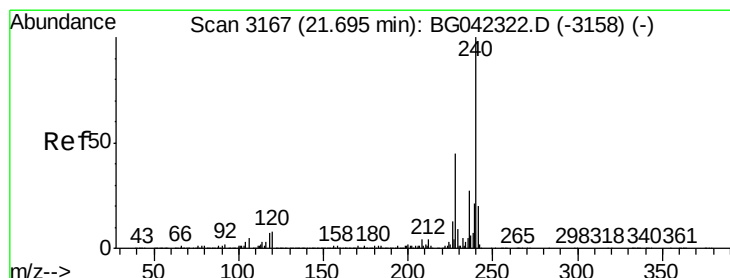
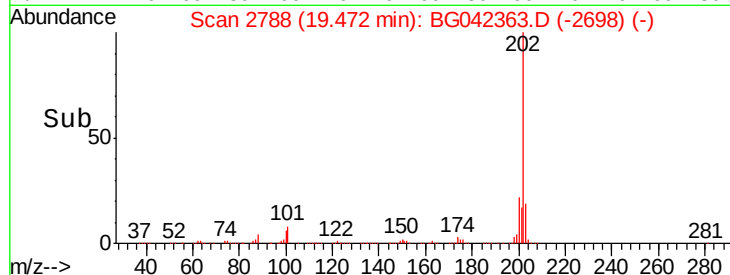
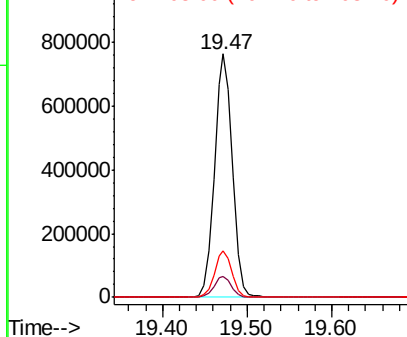
Tot Ion:	202	Resp:	1134180
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.0
203	19.3	0.0	39.1

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

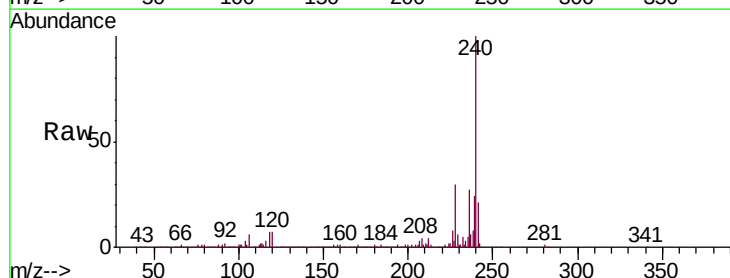
RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

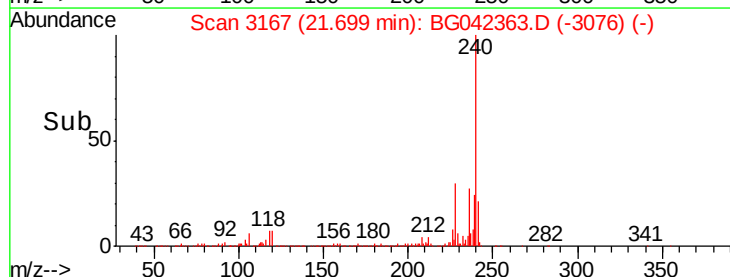
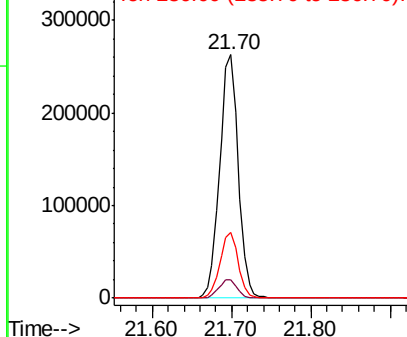
Lab File: BG042363.D

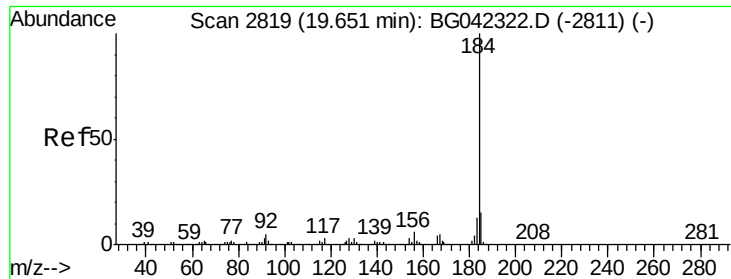
Acq: 20 Aug 2019 18:40

Tgt Ion:	240	Resp:	426517
Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.0	9.0
236	27.1	21.6	32.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.370 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

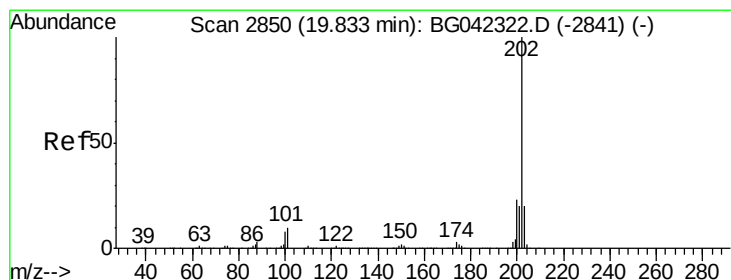
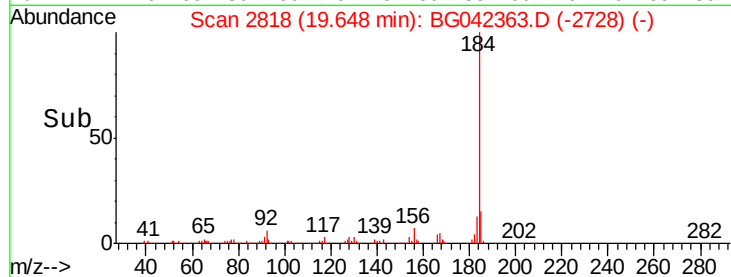
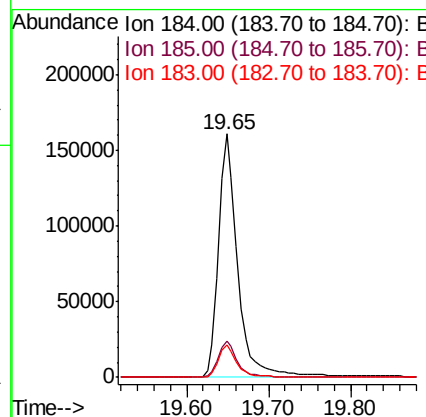
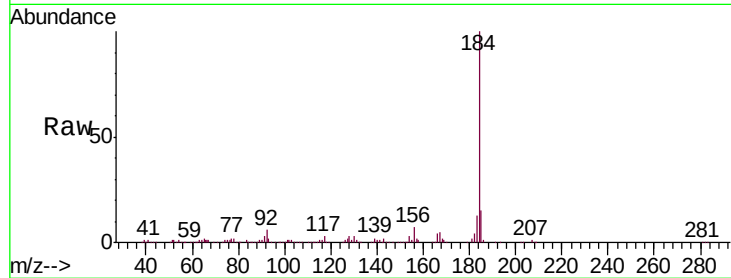
ClientSampleId :

PB122401BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100		264279		
185	15.1		11.8	17.6	
183	13.3		10.6	15.8	

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



#78

Pyrene

Concen: 42.930 ng

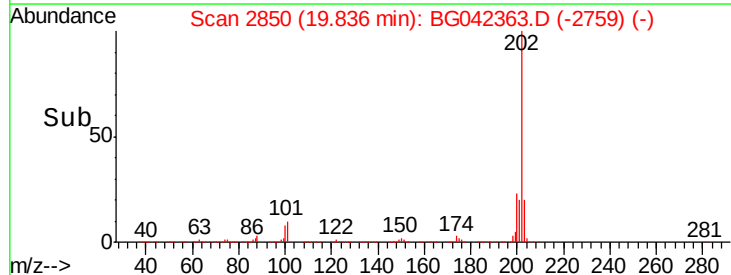
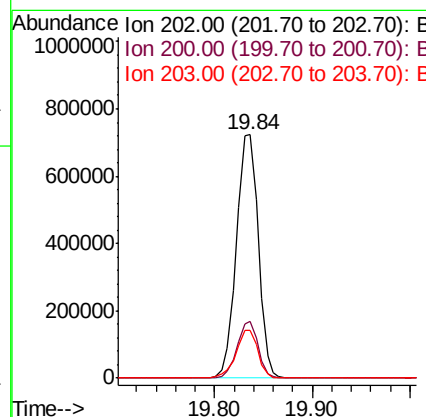
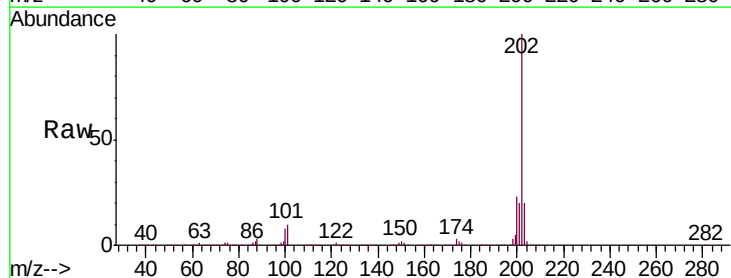
RT: 19.84 min Scan# 2850

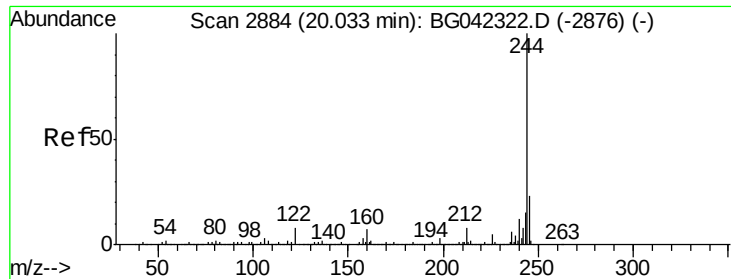
Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1126664		
200	23.1		18.1	27.1	
203	19.6		15.8	23.8	





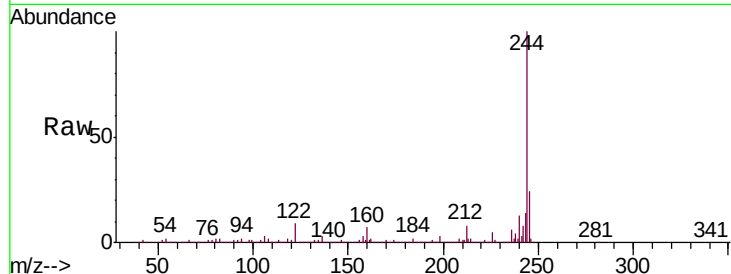
#79
 Terphenyl-d14
 Concen: 78.104 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :
 PB122401BS

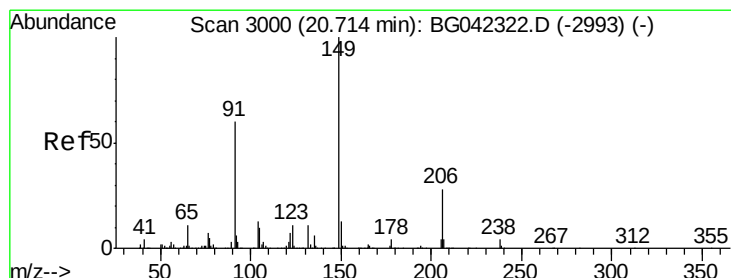
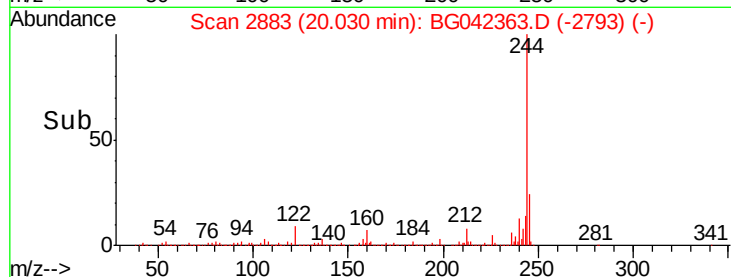
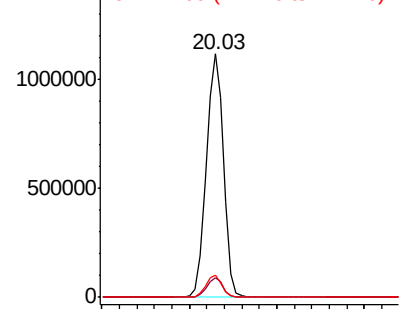
Tot Ion:244 Resp: 1520936
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 9.2 6.6 10.0

Manual Integrations
 APPROVED

mohammad
 8/22/2019 12:49:08 PM

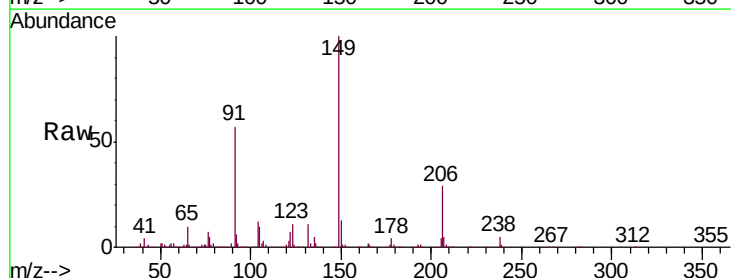


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

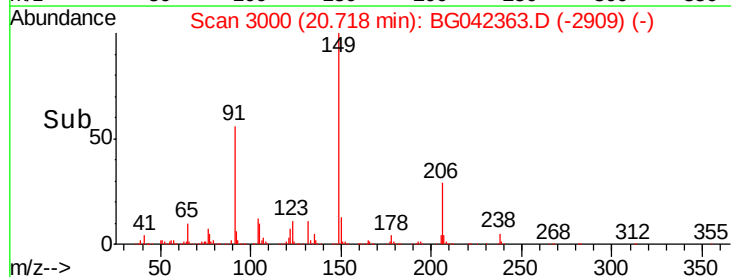
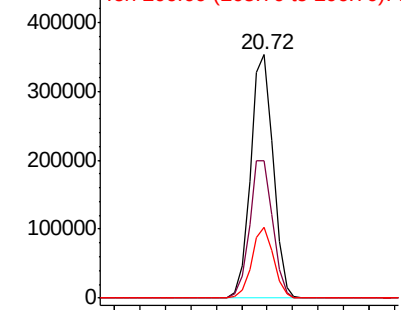


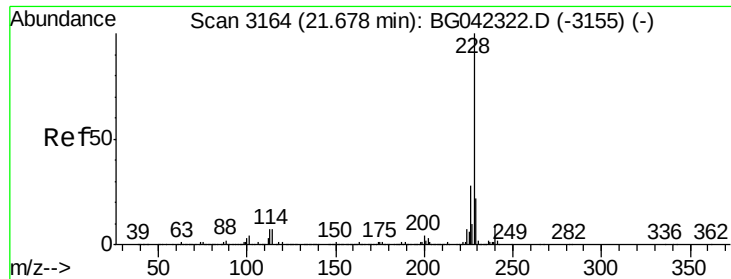
#80
 Butylbenzylphthalate
 Concen: 42.015 ng
 RT: 20.72 min Scan# 3000
 Delta R.T. 0.00 min
 Lab File: BG042363.D
 Acq: 20 Aug 2019 18:40

Tgt Ion:149 Resp: 437020
 Ion Ratio Lower Upper
 149 100
 91 56.5 47.8 71.6
 206 28.9 22.6 33.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.202 ng

RT: 21.68 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

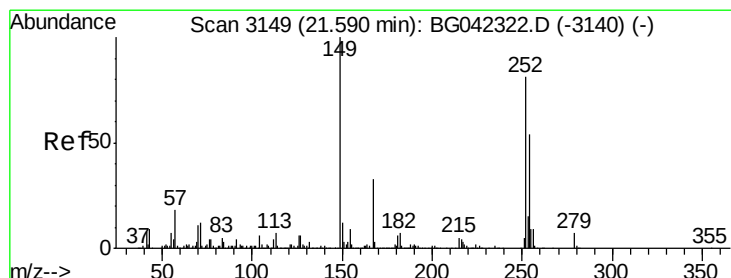
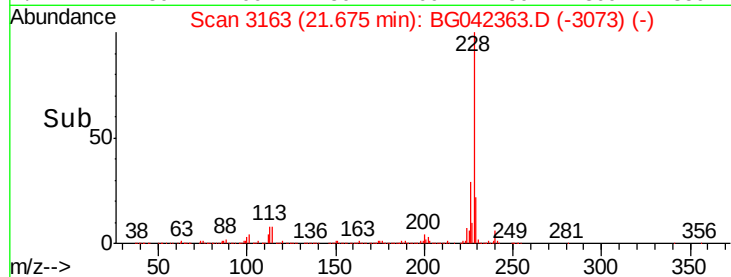
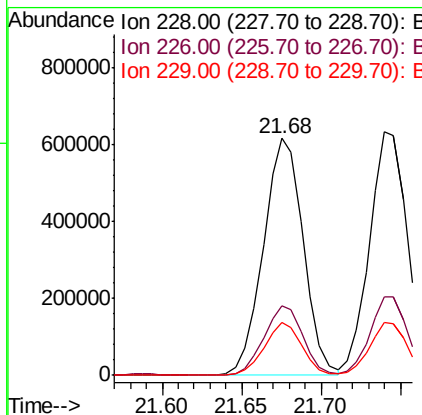
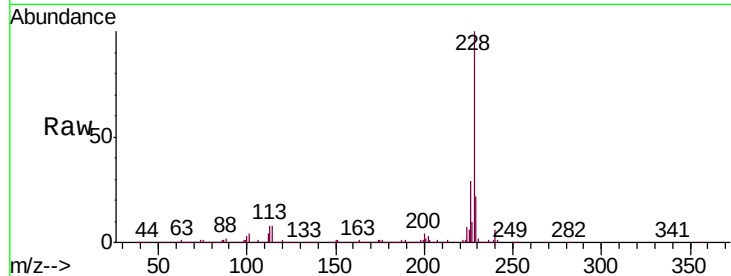
ClientSampleId :

PB122401BS

Tot Ion:	228	Resp:	1079206
Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	22.0	17.4	26.2

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



#82

3,3'-Dichlorobenzidine

Concen: 36.965 ng

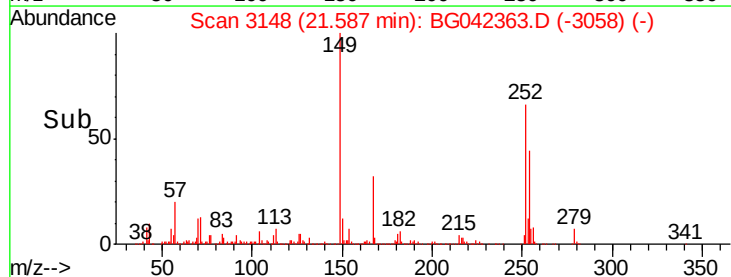
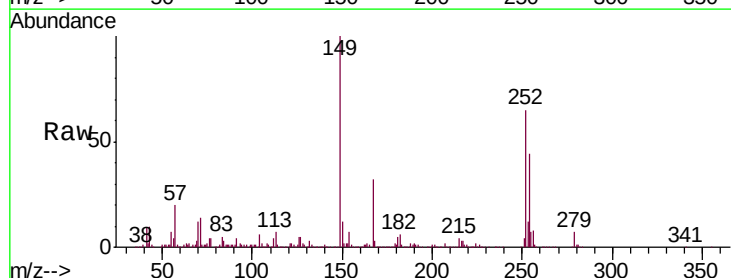
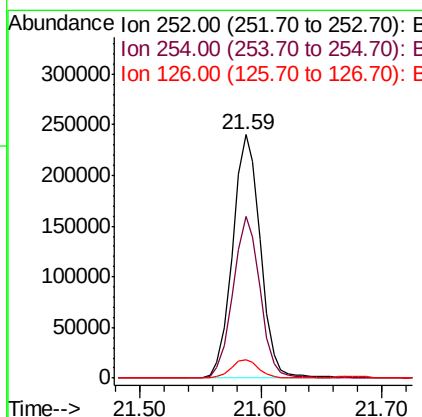
RT: 21.59 min Scan# 3148

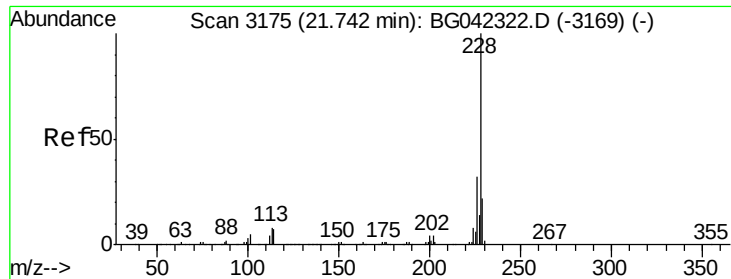
Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Tgt Ion:	252	Resp:	385373
Ion	Ratio	Lower	Upper
252	100		
254	66.6	53.0	79.6
126	7.3	6.2	9.2





#83

Chrysene

Concen: 42.266 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

PB122401BS

Tot Ion:228 Resp: 1059031

Ion Ratio Lower Upper

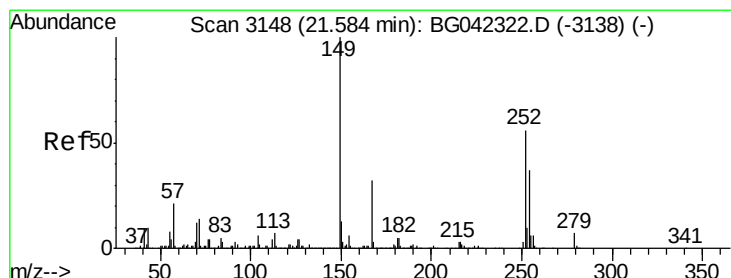
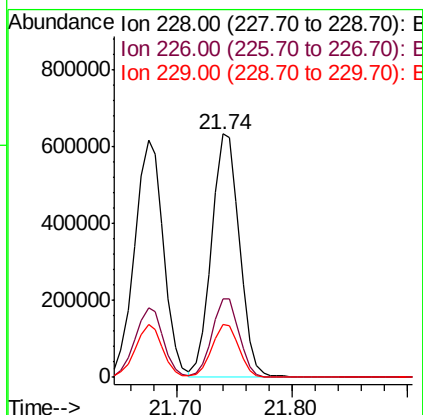
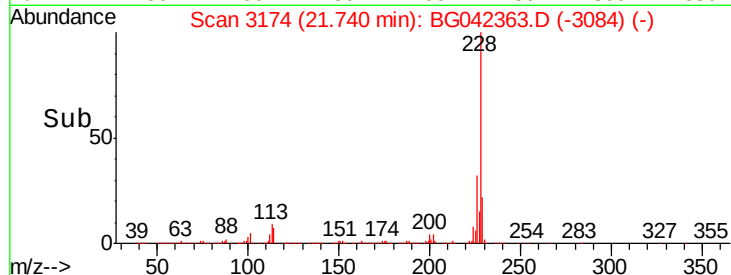
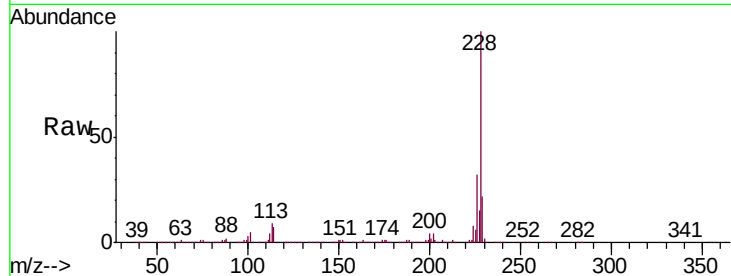
228 100

226 32.2 25.6 38.4

229 21.9 17.8 26.6

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.981 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

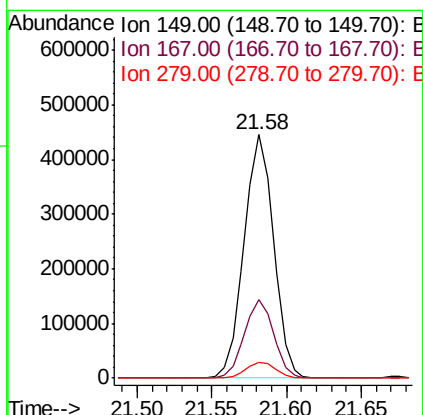
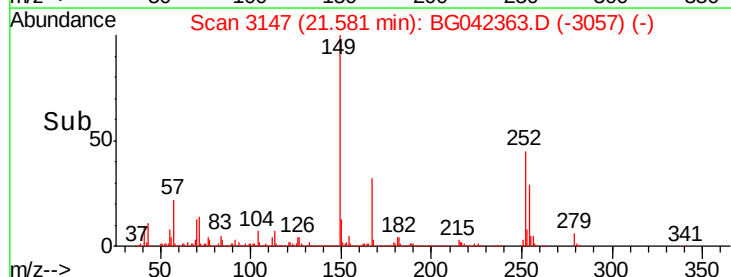
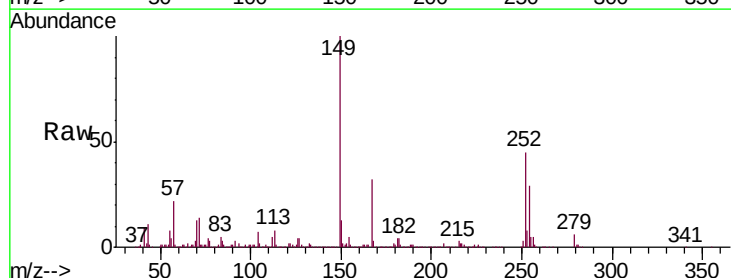
Tgt Ion:149 Resp: 608838

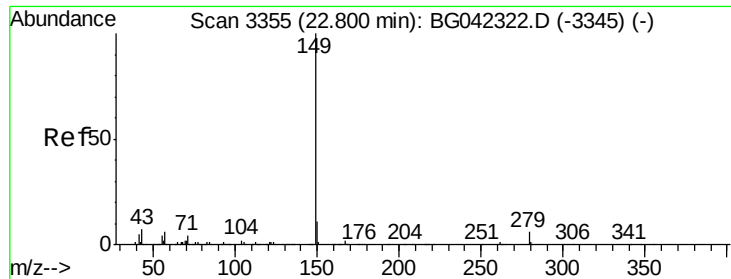
Ion Ratio Lower Upper

149 100

167 32.4 25.4 38.0

279 6.5 5.8 8.6





#85

Di-n-octyl phthalate

Concen: 42.972 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

Instrument :

BNA_G

ClientSampleId :

PB122401BS

Tot Ion:149 Resp: 1063030

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

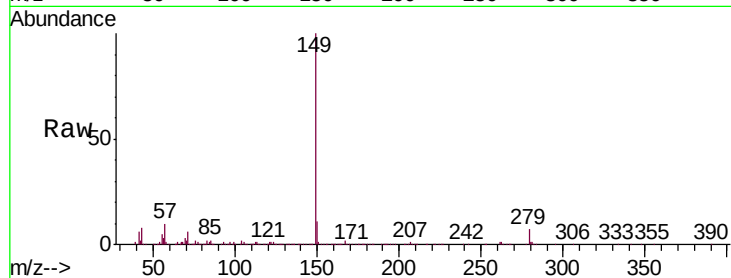
43 10.9 5.4 8.2#

Manual Integrations

APPROVED

mohammad

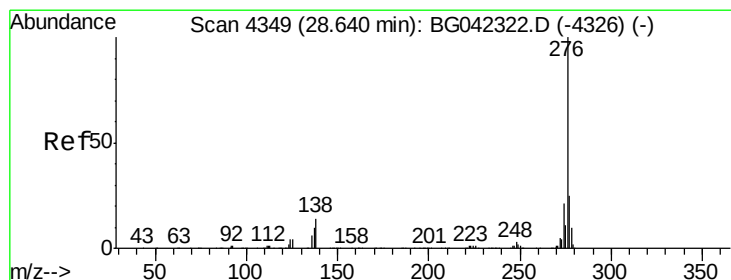
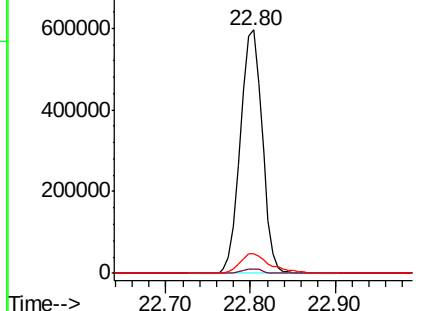
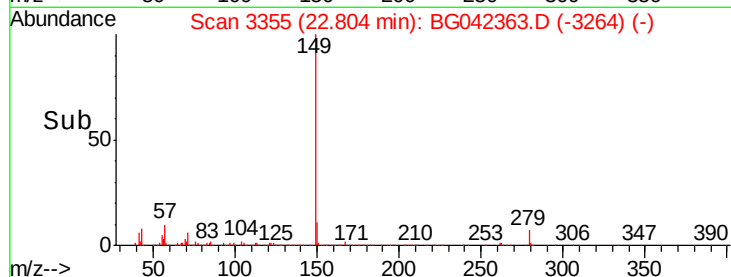
8/22/2019 12:49:08 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.508 ng

RT: 28.65 min Scan# 4350

Delta R.T. 0.01 min

Lab File: BG042363.D

Acq: 20 Aug 2019 18:40

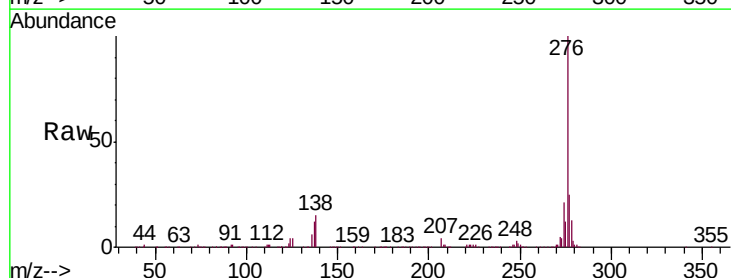
Tgt Ion:276 Resp: 1388648

Ion Ratio Lower Upper

276 100

138 18.7 14.5 21.7

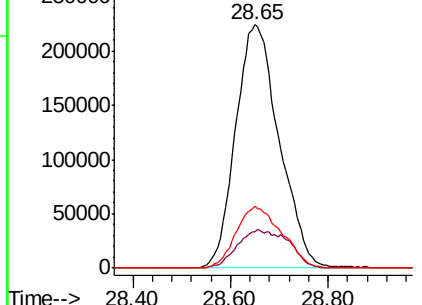
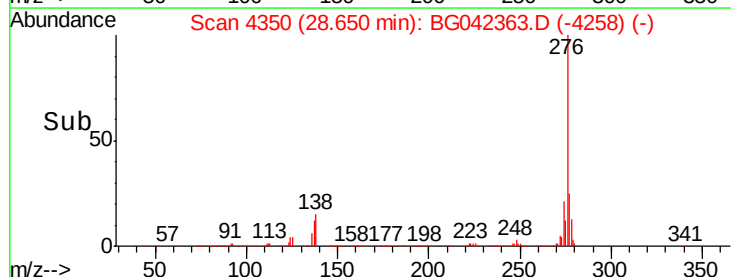
277 26.6 21.0 31.4

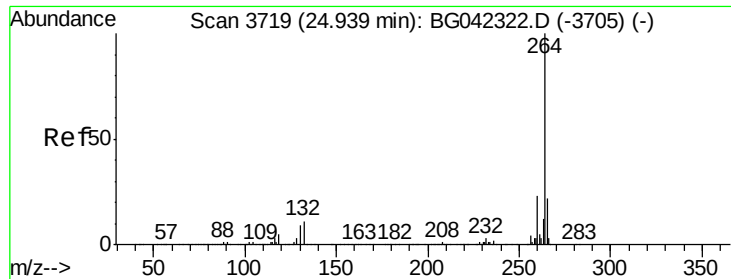


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





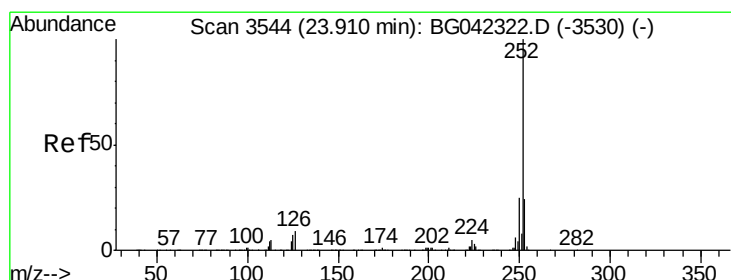
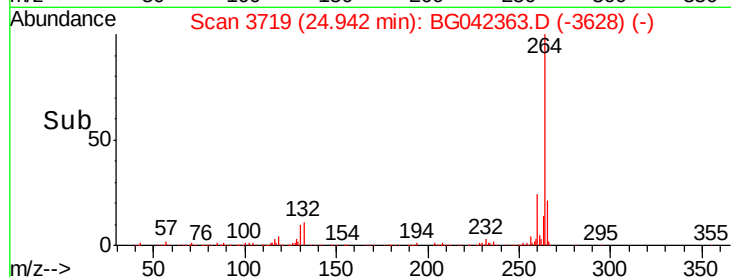
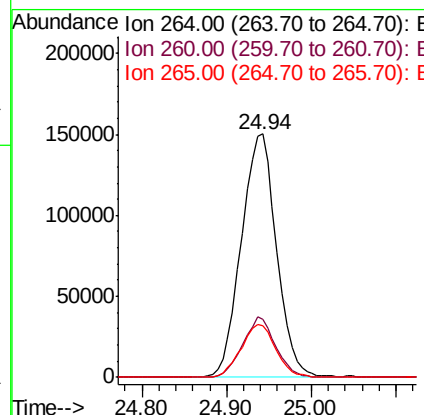
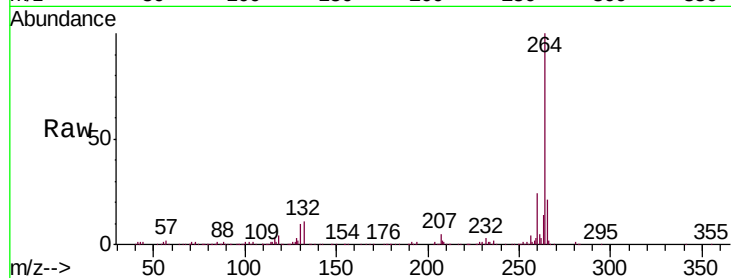
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.4	17.4	26.0

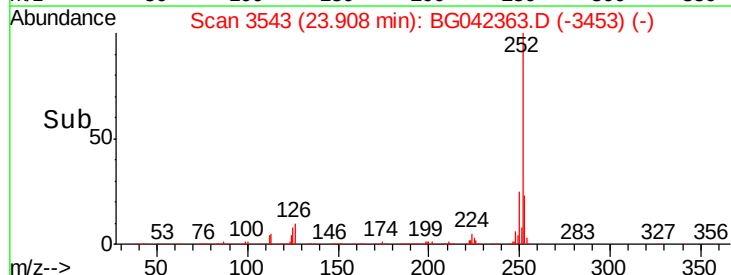
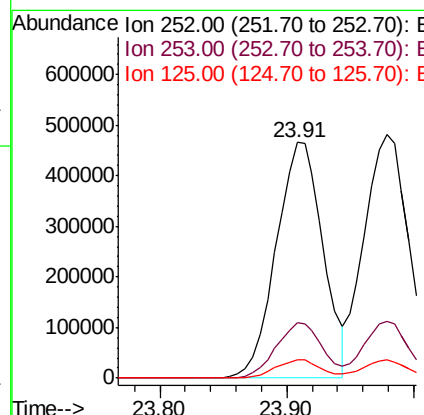
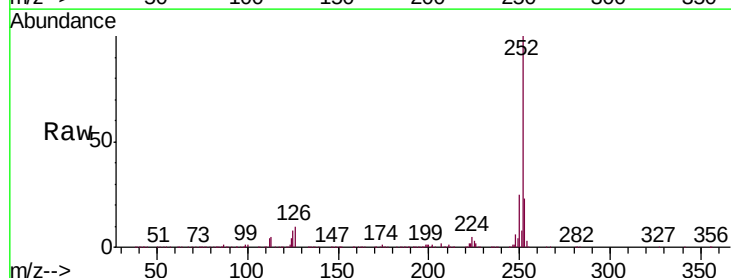
Manual Integrations
APPROVED

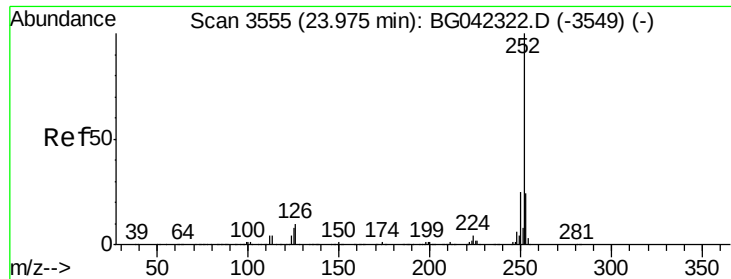
mohammad
8/22/2019 12:49:08 PM



#88
Benzo(b)fluoranthene
Concen: 50.042 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	7.6	5.8	8.6





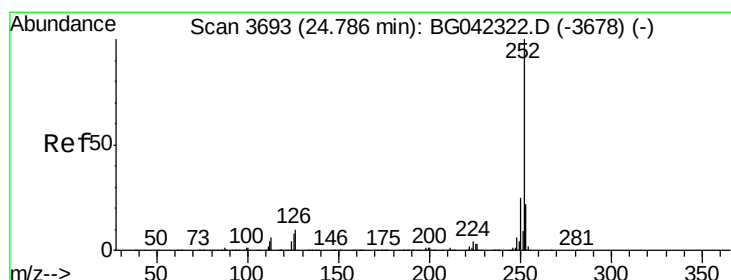
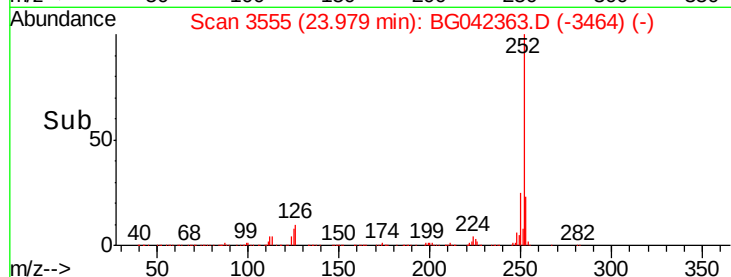
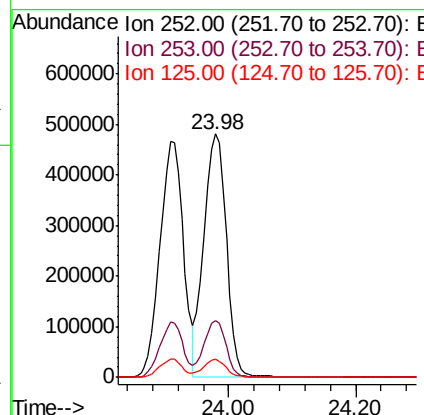
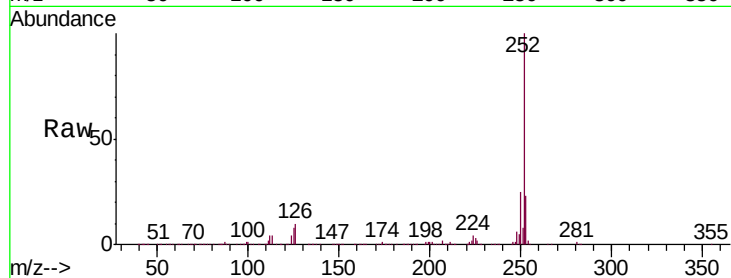
#89
Benzo(k)fluoranthene
Concen: 50.712 ng
RT: 23.98 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.4
125	7.7	6.0	9.0

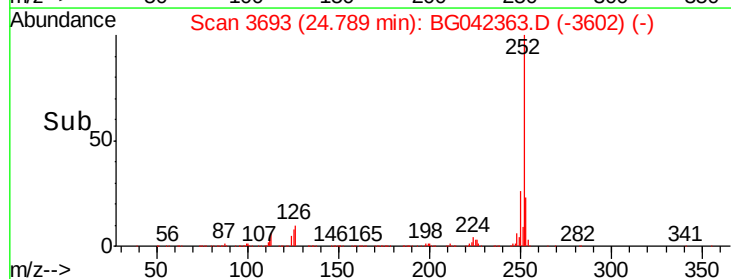
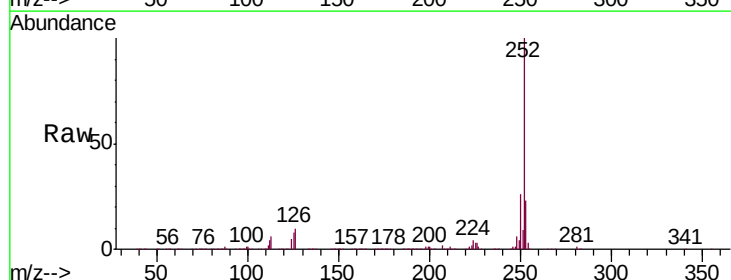
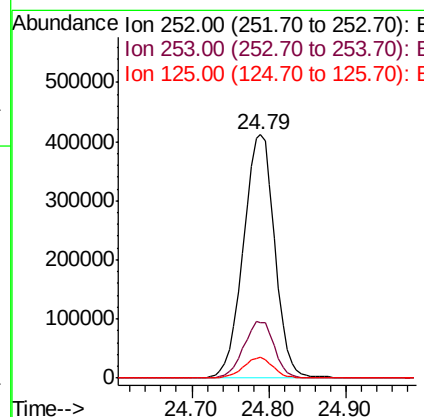
Manual Integrations
APPROVED

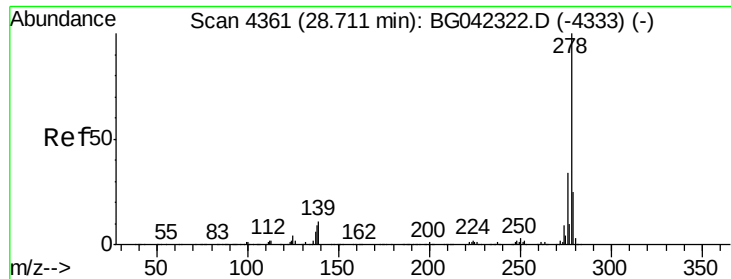
mohammad
8/22/2019 12:49:08 PM



#90
Benzo(a)pyrene
Concen: 51.444 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	8.4	6.7	10.1





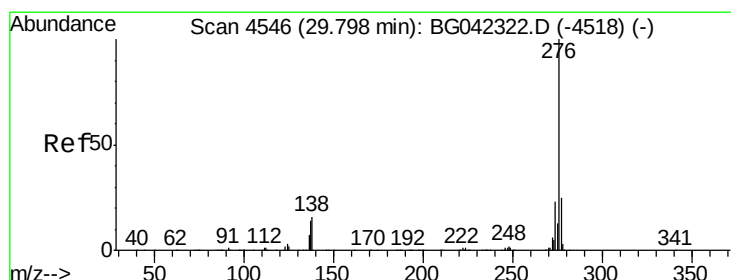
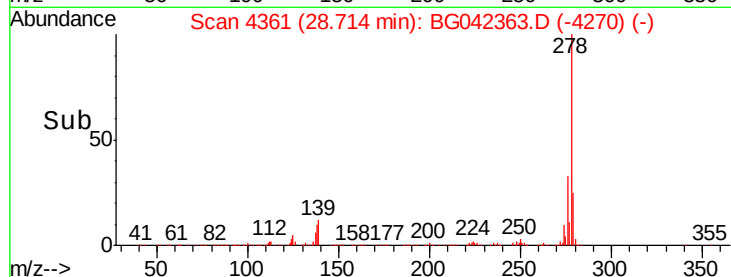
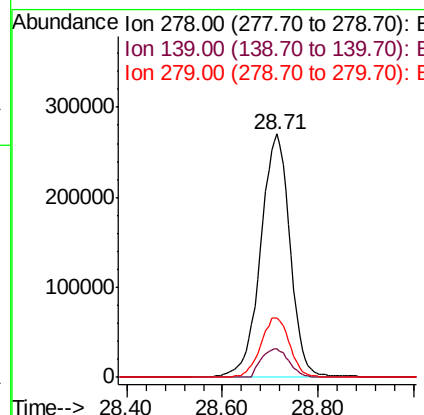
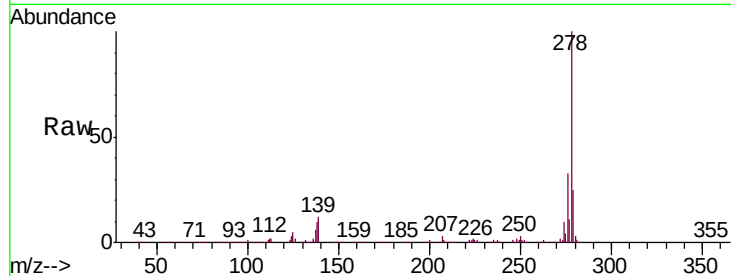
#91
Dibenzo(a,h)anthracene
Concen: 50.485 ng
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Instrument :
BNA_G
ClientSampleId :
PB122401BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	8.5	12.7
279	24.6	19.8	29.8

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:08 PM



#92
Benzo(g,h,i)perylene
Concen: 51.245 ng
RT: 29.81 min Scan# 4547
Delta R.T. 0.01 min
Lab File: BG042363.D
Acq: 20 Aug 2019 18:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	16.2	12.8	19.2

