

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041688.D
 Acq On : 17 Jul 2019 14:07
 Operator : HP/JU
 Sample : PB121214BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Manual Integrations
 APPROVED

mohammad
 7/19/2019 2:24:46 PM

Quant Time: Jul 18 07:21:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	91205	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	365912	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	230613	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	560425	20.00	ng	0.00
76) Chrysene-d12	21.65	240	545811	20.00	ng	-0.01
87) Perylene-d12	24.85	264	565068	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	753244	135.01	ng	0.00
7) Phenol-d6	7.20	99	973229	129.69	ng	0.00
23) Nitrobenzene-d5	9.21	82	578005	96.07	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	391412	150.60	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1397005	93.80	ng	0.00
79) Terphenyl-d14	20.01	244	2107629	90.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	108393	40.906	ng	98
3) Pyridine	3.88	79	270536	38.248	ng	97
4) n-Nitrosodimethylamine	3.80	42	135512	41.486	ng	96
6) Aniline	7.37	93	333480	33.065	ng	98
8) 2-Chlorophenol	7.61	128	286457	45.353	ng	100
9) Benzaldehyde	7.17	77	209162	47.558	ng	97
10) Phenol	7.23	94	357711	45.244	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	268124	41.991	ng	97
12) 1,3-Dichlorobenzene	7.94	146	317739	42.160	ng	99
13) 1,4-Dichlorobenzene	8.08	146	320532	42.469	ng	98
14) 1,2-Dichlorobenzene	8.40	146	300643	42.250	ng	97
15) Benzyl Alcohol	8.28	79	257293	43.067	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	523512	39.566	ng	99
17) 2-Methylphenol	8.48	107	248503	45.450	ng	99
18) Hexachloroethane	9.14	117	114786	41.523	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	224069	40.852	ng	96
20) 3+4-Methylphenols	8.81	107	342014	45.646	ng	98
22) Acetophenone	8.87	105	406579	45.622	ng	# 98
24) Nitrobenzene	9.25	77	309670	47.180	ng	97
25) Isophorone	9.77	82	582856	44.239	ng	98
26) 2-Nitrophenol	9.96	139	150449	49.775	ng	100
27) 2,4-Dimethylphenol	10.02	122	282825	54.255	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	362086	44.590	ng	99
29) 2,4-Dichlorophenol	10.49	162	299232	50.347	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	310206	44.452	ng	99
31) Naphthalene	10.91	128	832169	46.195	ng	98
32) Benzoic acid	10.14	122	188262	47.626	ng	99
33) 4-Chloroaniline	11.00	127	228551	27.505	ng	99
34) Hexachlorobutadiene	11.20	225	199122	44.395	ng	99
35) Caprolactam	11.76	113	106047m	48.544	ng	
36) 4-Chloro-3-methylphenol	12.12	107	304186	48.854	ng	100
37) 2-Methylnaphthalene	12.50	142	641069	46.579	ng	99
38) 1-Methylnaphthalene	12.72	142	599984	45.726	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	361412	45.752	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041688.D
 Acq On : 17 Jul 2019 14:07
 Operator : HP/JU
 Sample : PB121214BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Manual Integrations
 APPROVED

mohammad
 7/19/2019 2:24:46 PM

Quant Time: Jul 18 07:21:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	405333	90.709	ng	100
43) 2,4,6-Trichlorophenol	13.10	196	255750	49.828	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	274325	50.727	ng	98
46) 1,1'-Biphenyl	13.51	154	805986	46.650	ng	98
47) 2-Chloronaphthalene	13.55	162	648674	45.050	ng	98
48) 2-Nitroaniline	13.74	65	206648	49.291	ng	99
49) Acenaphthylene	14.39	152	1039611	46.249	ng	99
50) Dimethylphthalate	14.12	163	841742	46.474	ng	99
51) 2,6-Dinitrotoluene	14.23	165	197771	51.479	ng	93
52) Acenaphthene	14.73	154	722245	50.986	ng	98
53) 3-Nitroaniline	14.55	138	141590	33.762	ng	96
54) 2,4-Dinitrophenol	14.76	184	208338	104.664	ng	95
55) Dibenzofuran	15.06	168	991729	46.655	ng	98
56) 4-Nitrophenol	14.86	139	385138	113.430	ng	95
57) 2,4-Dinitrotoluene	15.01	165	270165	53.199	ng	98
58) Fluorene	15.71	166	800725	46.295	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	260446	52.168	ng	99
60) Diethylphthalate	15.48	149	847820	46.465	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	455754	46.615	ng	99
62) 4-Nitroaniline	15.72	138	213765	48.061	ng	99
63) Azobenzene	15.99	77	760167	46.081	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	144007	53.277	ng	98
66) n-Nitrosodiphenylamine	15.91	169	753823	45.804	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	301520	45.217	ng	98
68) Hexachlorobenzene	16.72	284	299051	44.535	ng	97
69) Atrazine	16.86	200	287862	48.198	ng	98
70) Pentachlorophenol	17.05	266	426372	101.551	ng	99
71) Phenanthrene	17.44	178	1311256	46.460	ng	97
72) Anthracene	17.54	178	1338837	47.590	ng	97
73) Carbazole	17.80	167	1232003	47.219	ng	97
74) Di-n-butylphthalate	18.37	149	1447445	45.485	ng	97
75) Fluoranthene	19.45	202	1607236	46.378	ng	96
77) Benzidine	19.62	184	821634	43.757	ng	99
78) Pyrene	19.81	202	1598416	43.300	ng	96
80) Butylbenzylphthalate	20.69	149	694816	45.295	ng	96
81) Benzo(a)anthracene	21.63	228	1578466	44.760	ng	97
82) 3,3'-Dichlorobenzidine	21.55	252	514439	37.071	ng	99
83) Chrysene	21.70	228	1521994	45.167	ng	96
84) Bis(2-ethylhexyl)phthalate	21.56	149	974601	44.999	ng	97
85) Di-n-octyl phthalate	22.77	149	1685749	45.704	ng	97
86) Indeno(1,2,3-cd)pyrene	28.49	276	1988059	44.713	ng	# 92
88) Benzo(b)fluoranthene	23.84	252	1741632	50.813	ng	99
89) Benzo(k)fluoranthene	23.91	252	1660754	52.291	ng	98
90) Benzo(a)pyrene	24.70	252	1706034	52.608	ng	98
91) Dibenzo(a,h)anthracene	28.56	278	1631143	51.876	ng	98
92) Benzo(g,h,i)perylene	29.63	276	1635782	51.913	ng	99

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

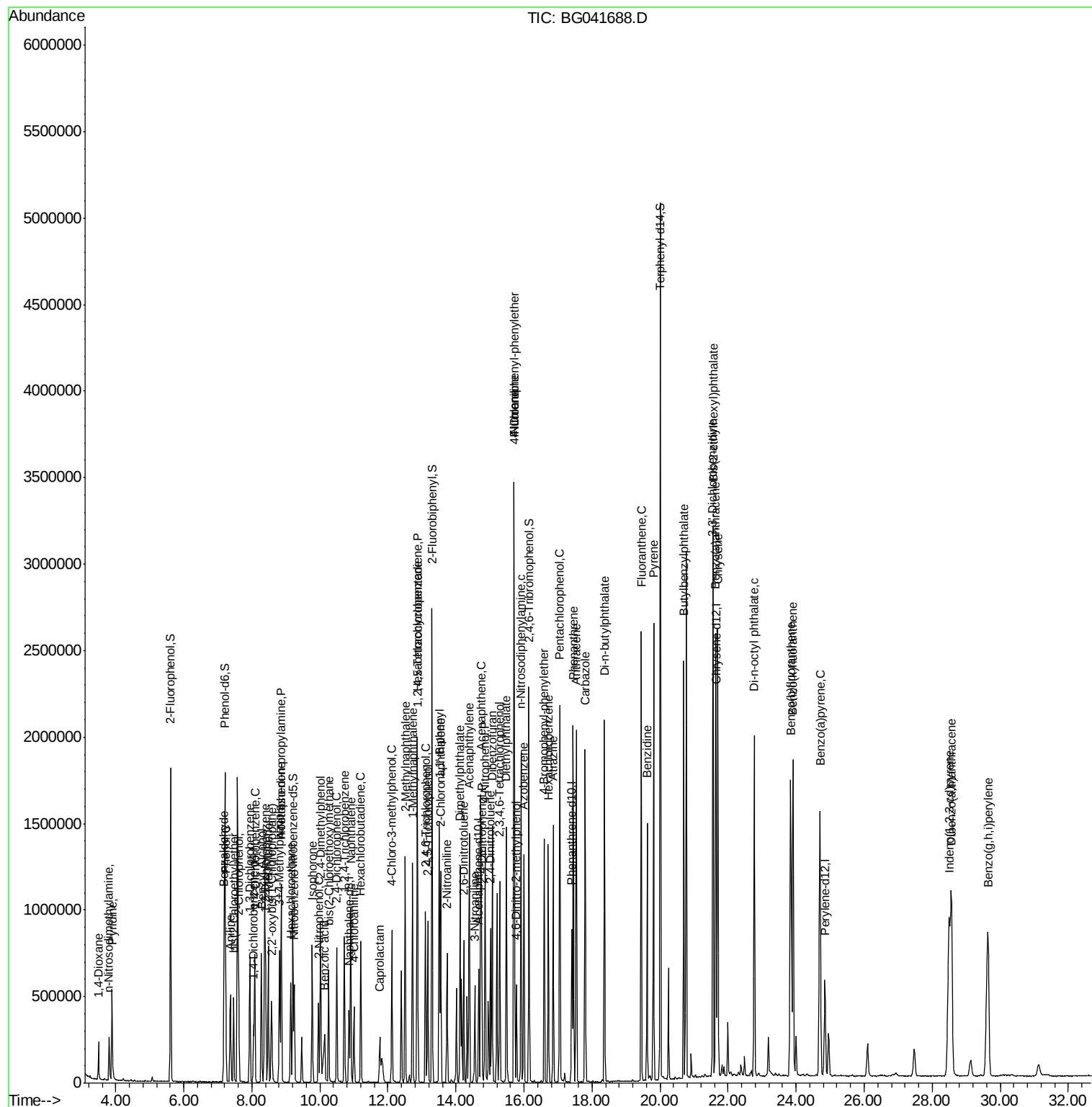
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041688.D
Acq On : 17 Jul 2019 14:07
Operator : HP/JU
Sample : PB121214BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

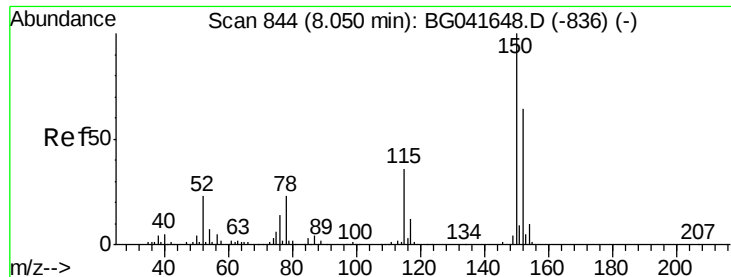
Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM

Quant Time: Jul 18 07:21:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration





#1

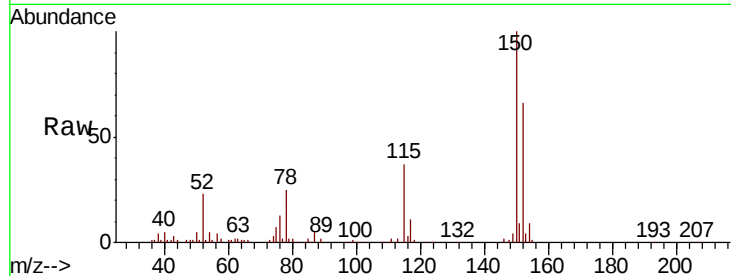
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.9	190.3
115	56.7	45.0	67.6

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM

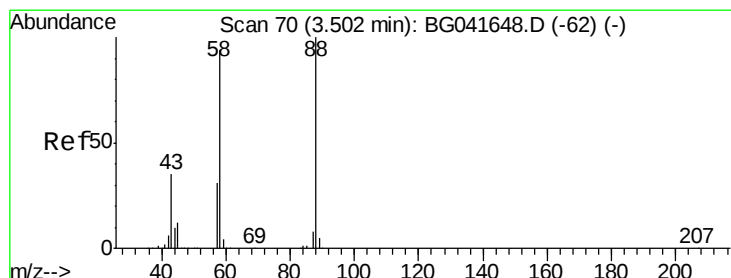
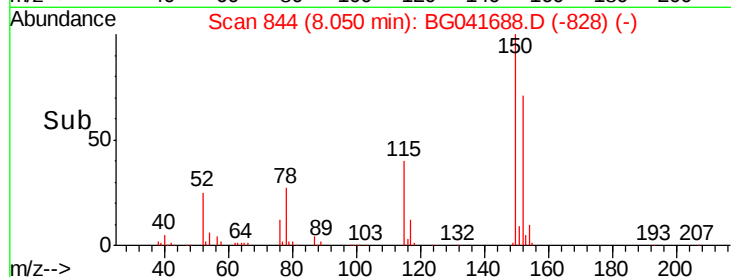
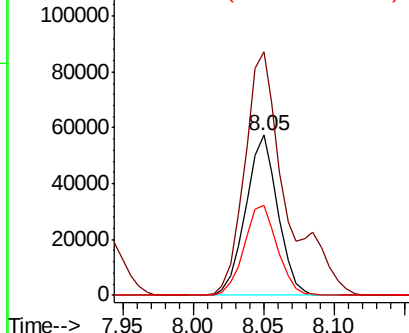


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

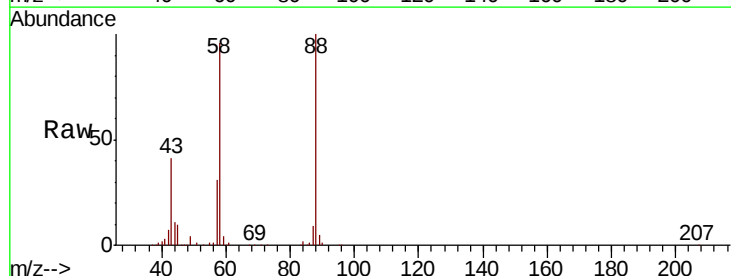
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.906 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.8	76.2	114.2
43	35.6	27.2	40.8

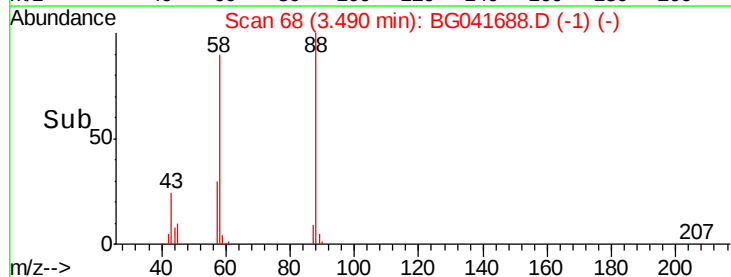
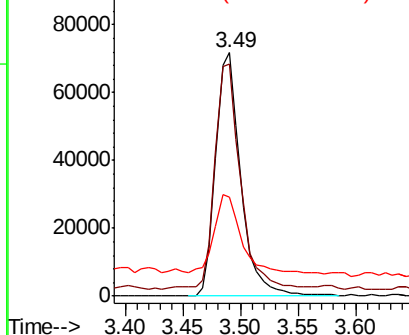


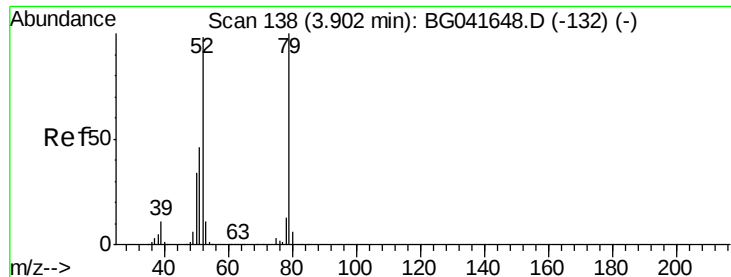
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.248 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

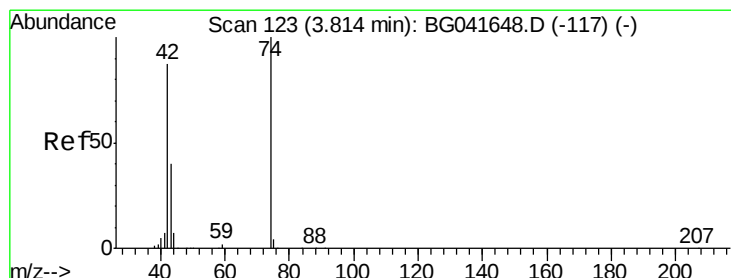
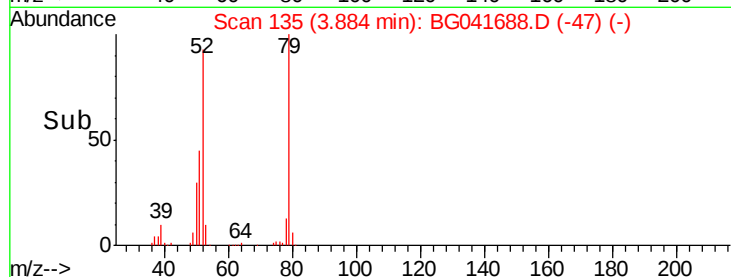
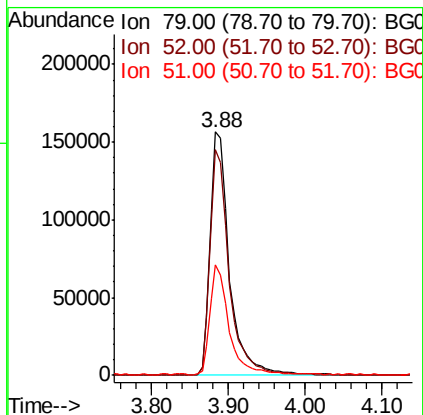
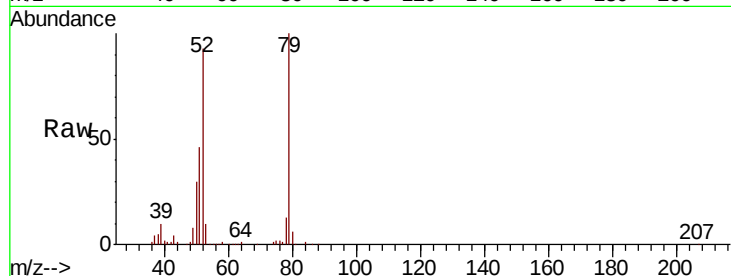
ClientSampleId :

PB121214BSD

Tot Ion:	79	Resp:	270536
Ion	Ratio	Lower	Upper
79	100		
52	92.8	77.1	115.7
51	45.6	37.8	56.8

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM



#4

n-Nitrosodimethylamine

Concen: 41.486 ng

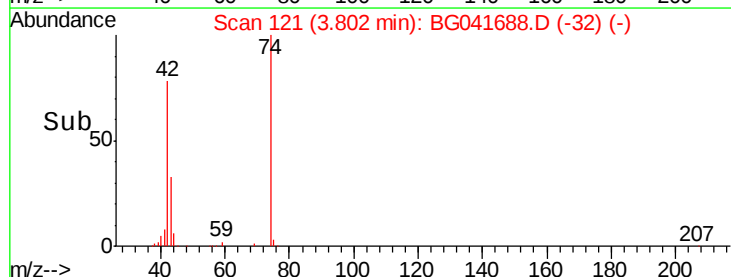
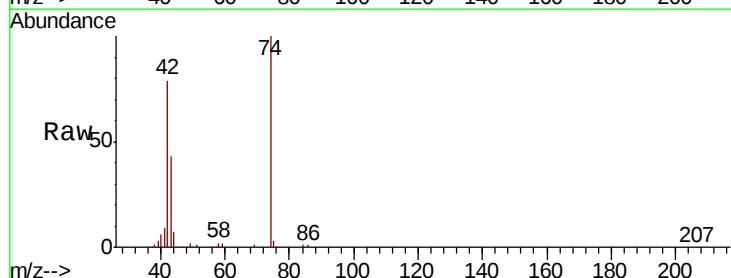
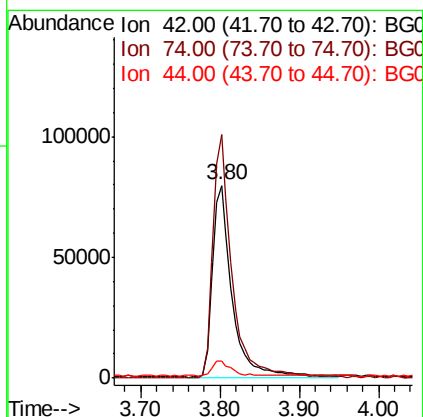
RT: 3.80 min Scan# 121

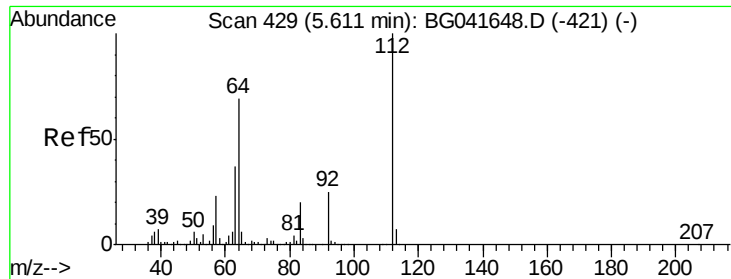
Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Tgt Ion:	42	Resp:	135512
Ion	Ratio	Lower	Upper
42	100		
74	126.3	97.4	146.2
44	8.9	6.6	9.8





#5

2-Fluorophenol

Concen: 135.011 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

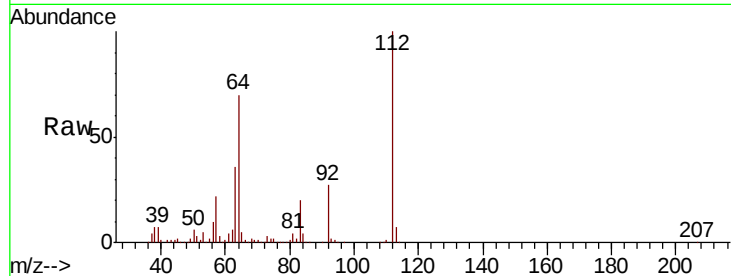
ClientSampleId :

PB121214BSD

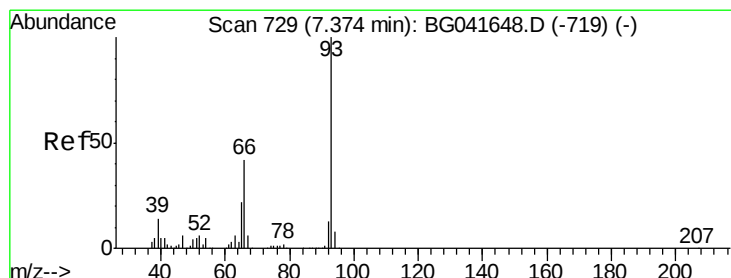
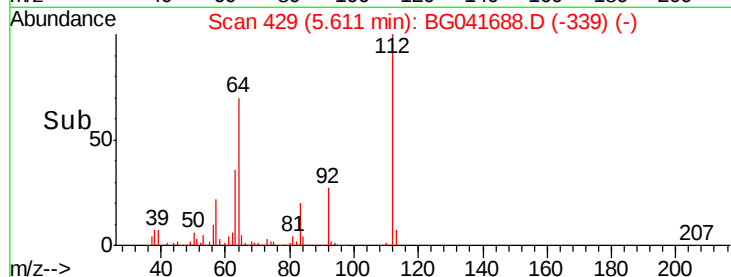
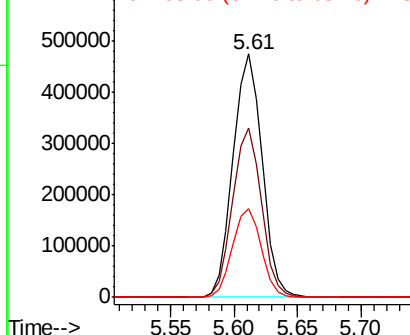
Tot Ion	Ratio	Resp	Lower	Upper
112	100	753244		
64	69.6		55.4	83.2
63	36.3		29.1	43.7

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM



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



#6

Aniline

Concen: 33.065 ng

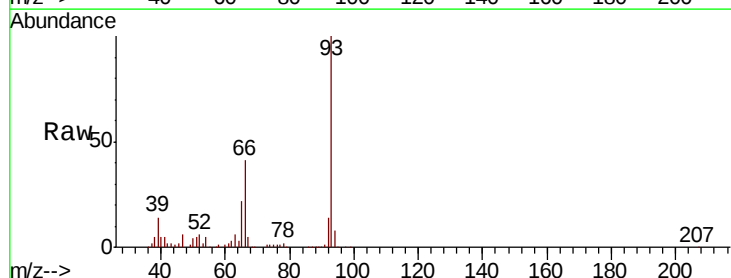
RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

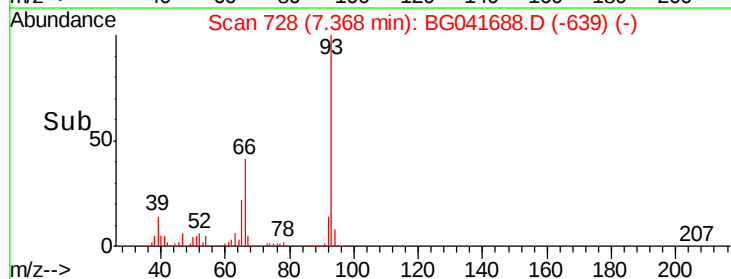
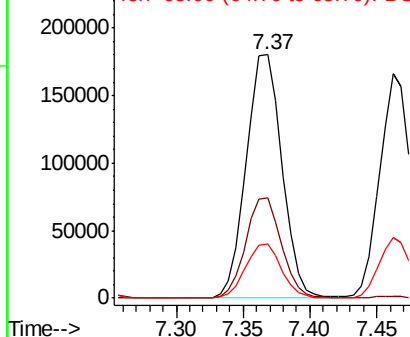
Lab File: BG041688.D

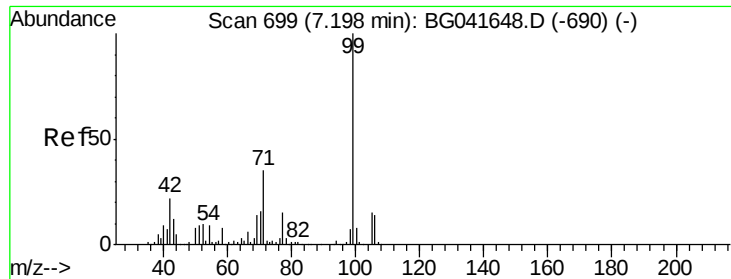
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	333480		
66	41.2		34.2	51.2
65	22.5		18.2	27.2



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





#7

Phenol-d6

Concen: 129.691 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

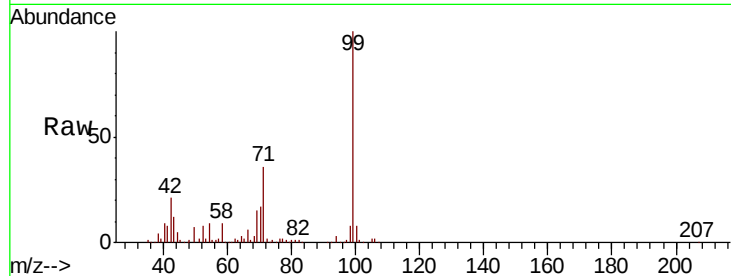
ClientSampleId :

PB121214BSD

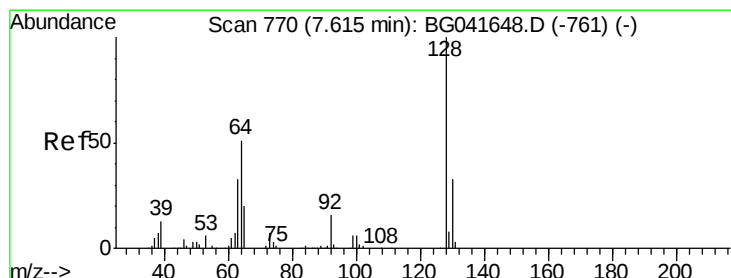
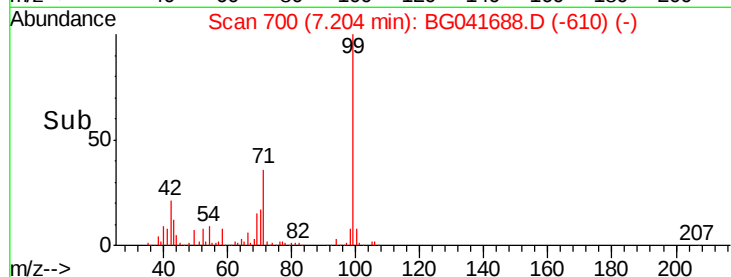
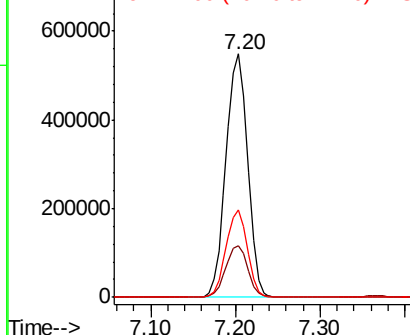
Tot Ion:	99	Resp:	973229
Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.6	26.4
71	35.8	27.8	41.6

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.353 ng

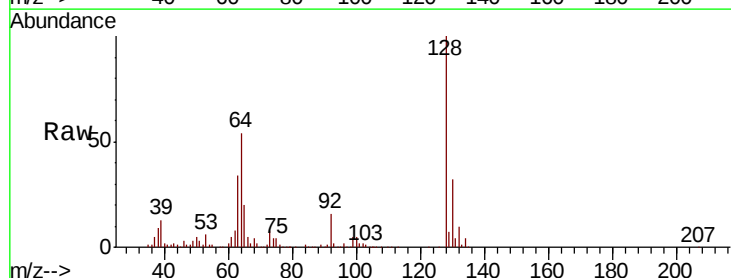
RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

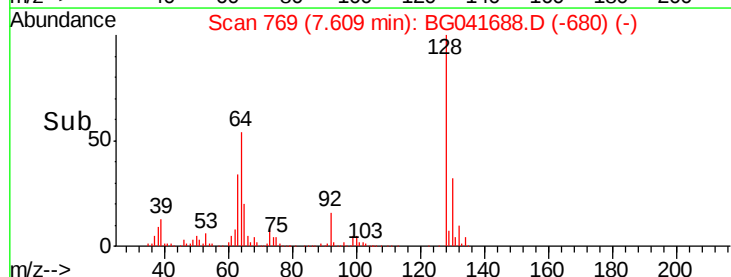
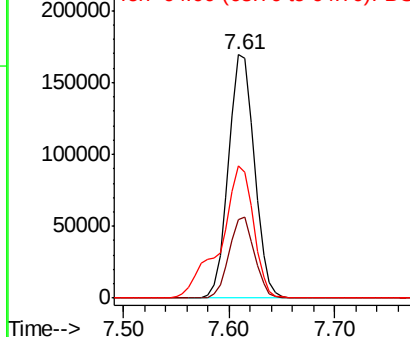
Lab File: BG041688.D

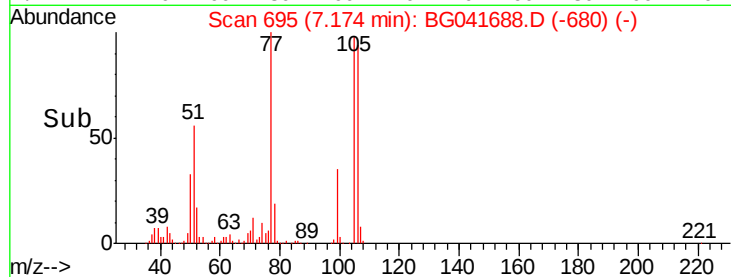
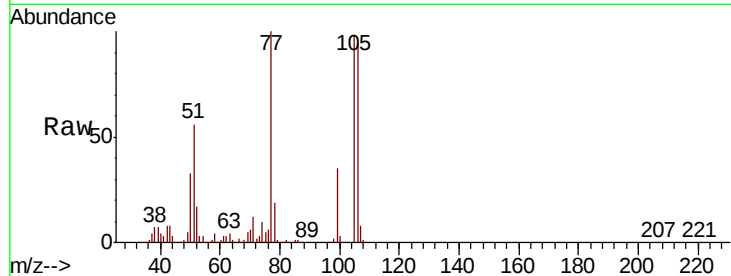
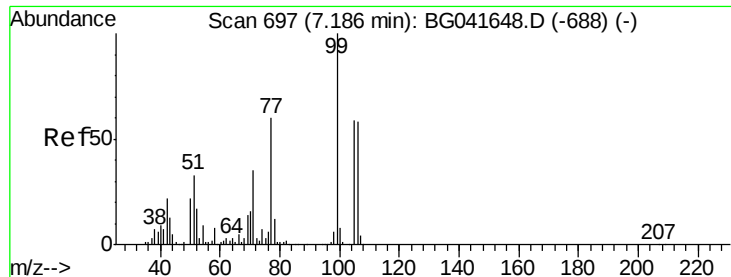
Acq: 17 Jul 2019 14:07

Tgt Ion:	128	Resp:	286457
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.4	52.4
64	54.5	34.9	74.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 47.558 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Tot Ion:	77	Resp:	209162
Ion	Ratio	Lower	Upper
77	100		
105	97.6	74.6	114.6
106	94.0	71.1	111.1

Instrument :

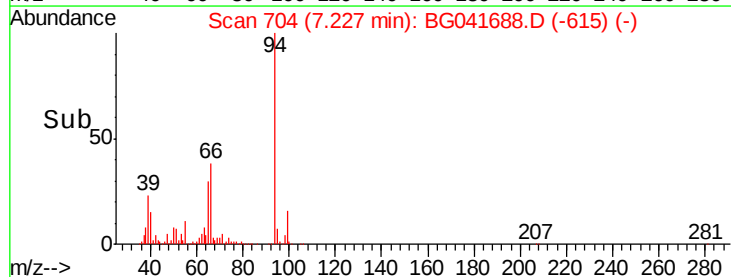
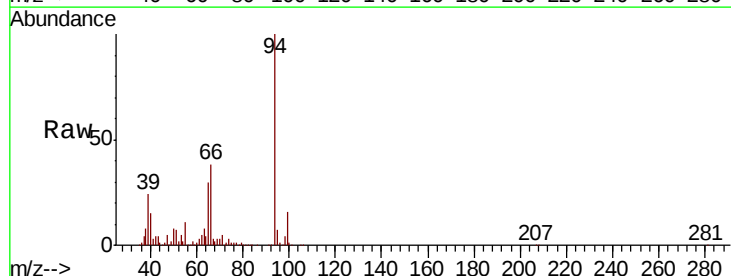
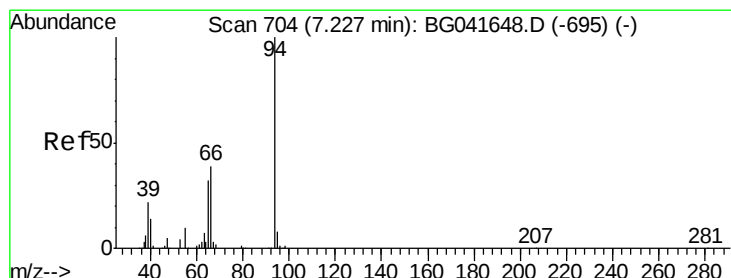
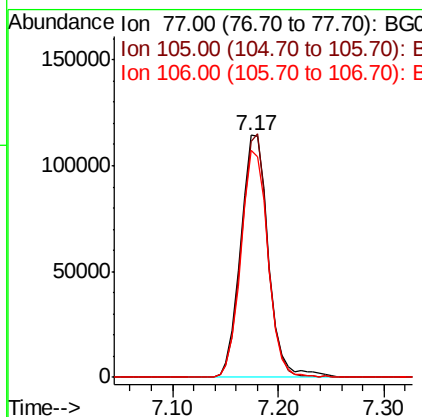
BNA_G

ClientSampleId :

PB121214BSD

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM



#10

Phenol

Concen: 45.244 ng

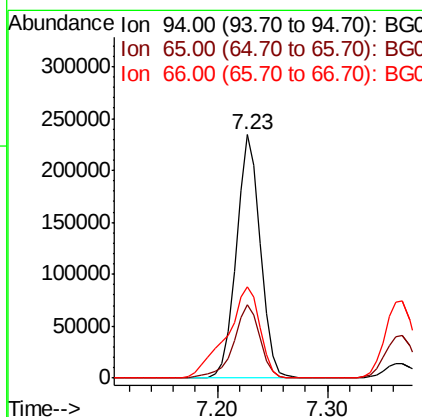
RT: 7.23 min Scan# 704

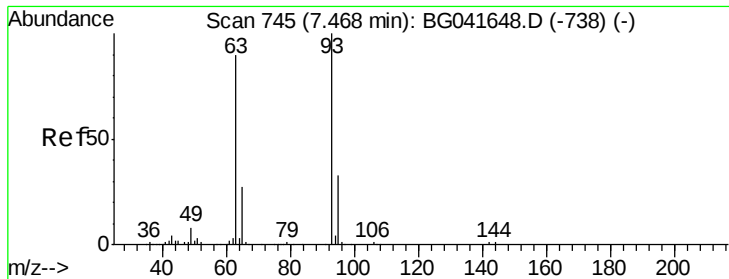
Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Tgt Ion:	94	Resp:	357711
Ion	Ratio	Lower	Upper
94	100		
65	30.3	10.6	50.6
66	37.7	18.2	58.2





#11

bis(2-Chloroethyl)ether

Concen: 41.991 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

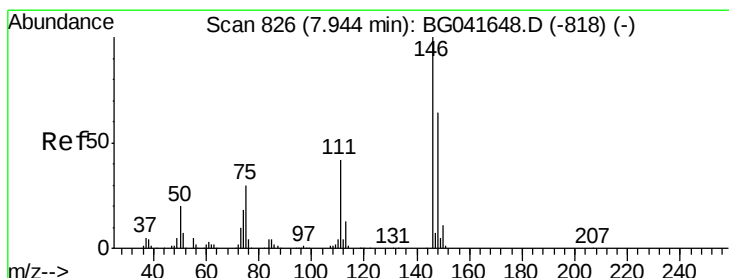
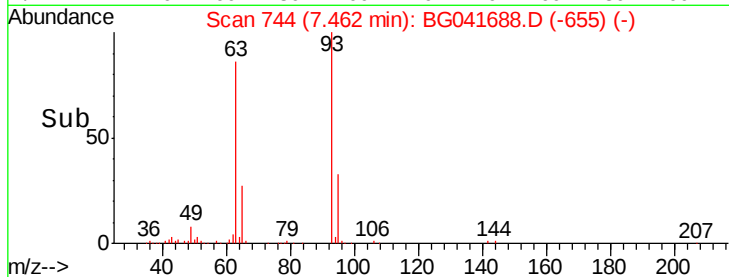
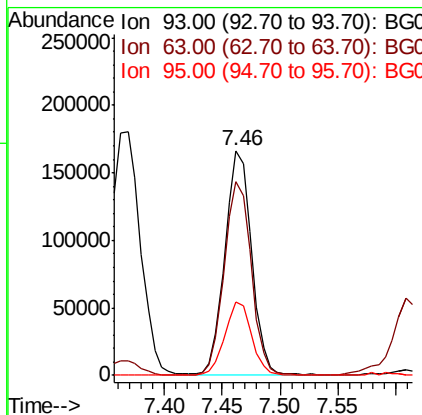
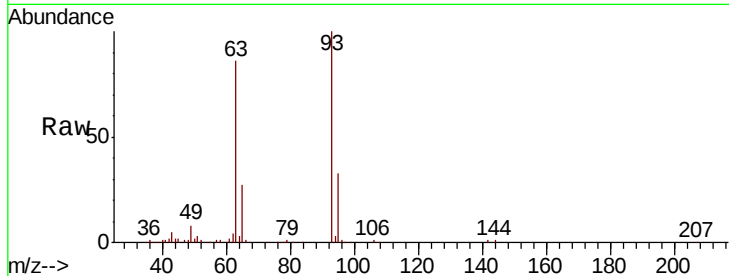
ClientSampleId :

PB121214BSD

Tot Ion:	93	Resp:	268124
Ion	Ratio	Lower	Upper
93	100		
63	86.1	70.4	110.4
95	32.8	12.8	52.8

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM



#12

1,3-Dichlorobenzene

Concen: 42.160 ng

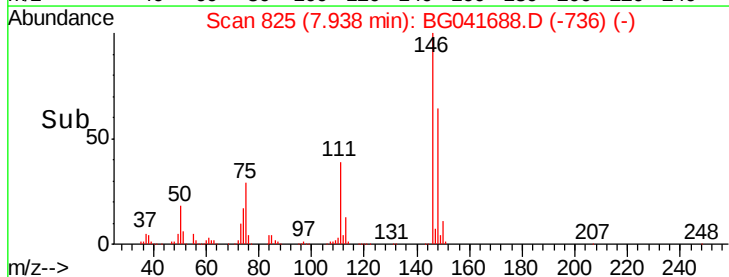
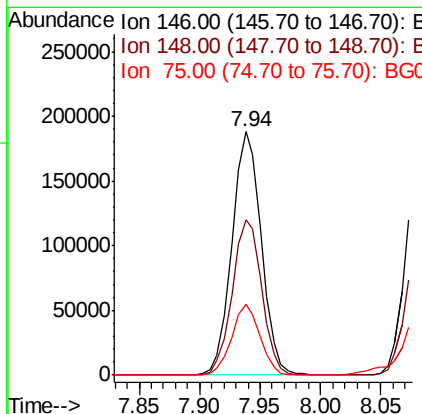
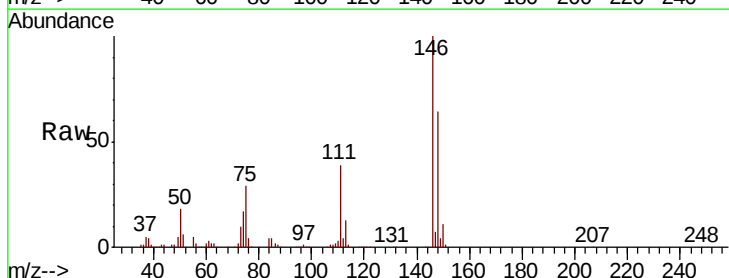
RT: 7.94 min Scan# 825

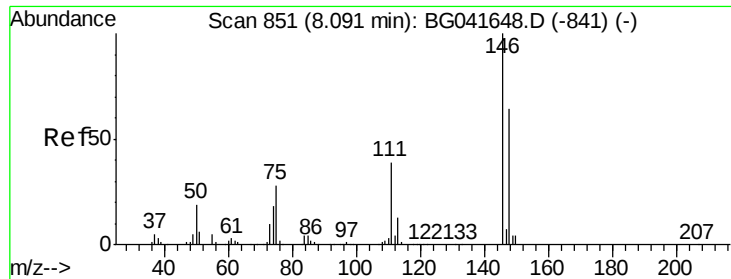
Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Tgt Ion:	146	Resp:	317739
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
75	28.8	23.2	34.8





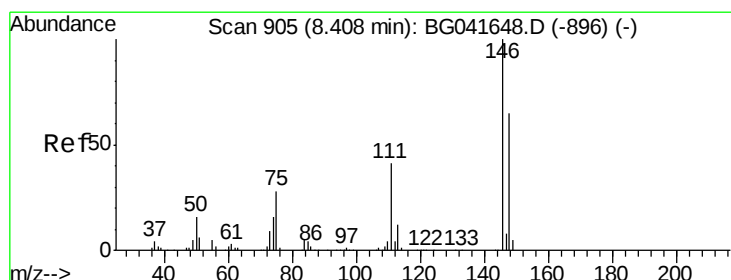
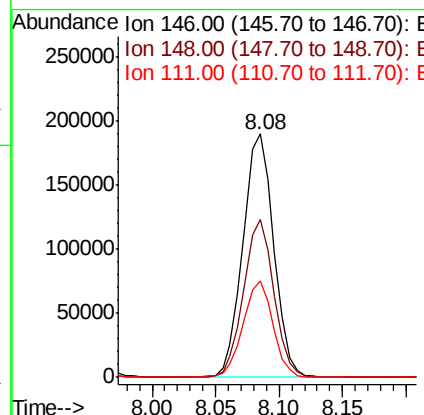
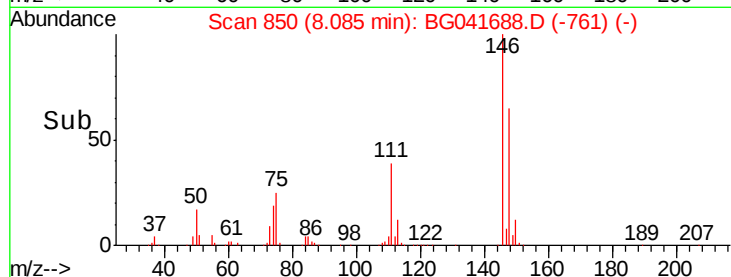
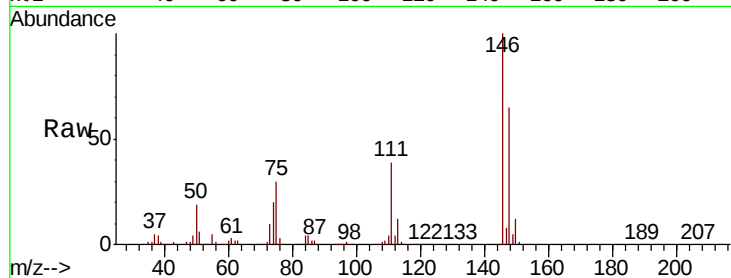
#13
 1,4-Dichlorobenzene
 Concen: 42.469 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleID :
 PB121214BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.6	79.0
111	39.4	32.5	48.7

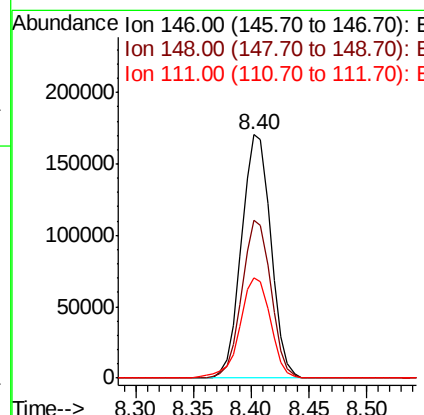
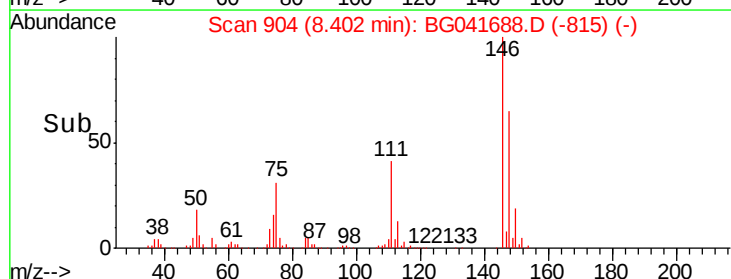
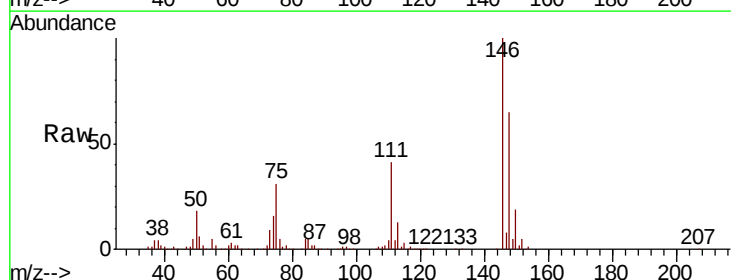
Manual Integrations
 APPROVED

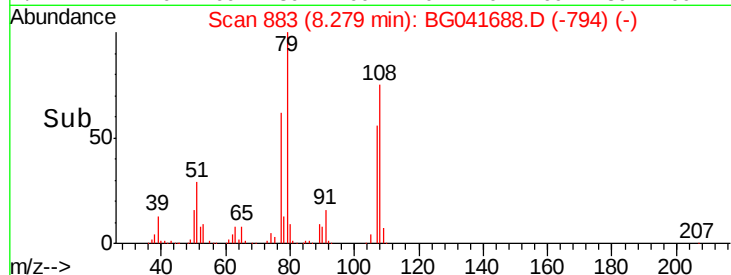
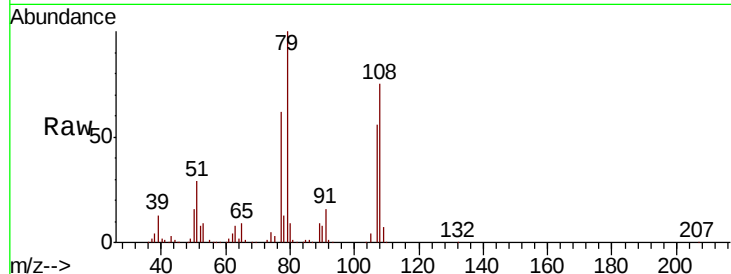
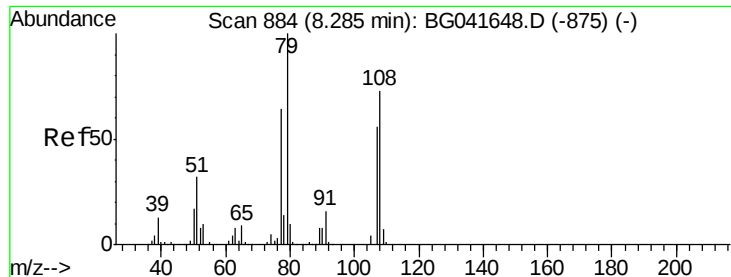
mohammad
 7/19/2019 2:24:46 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.250 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.5	80.3
111	40.9	35.4	53.0





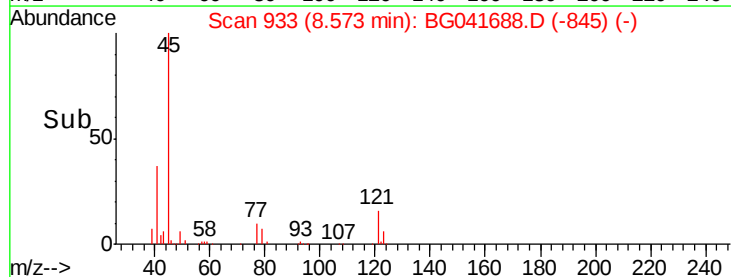
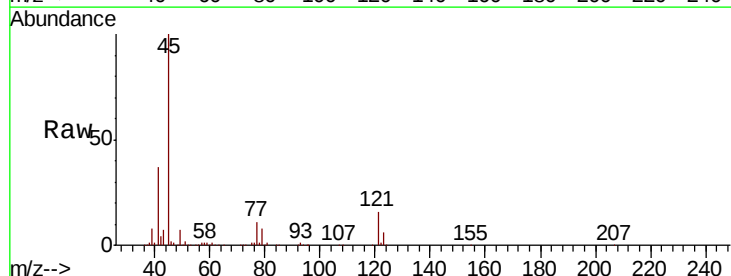
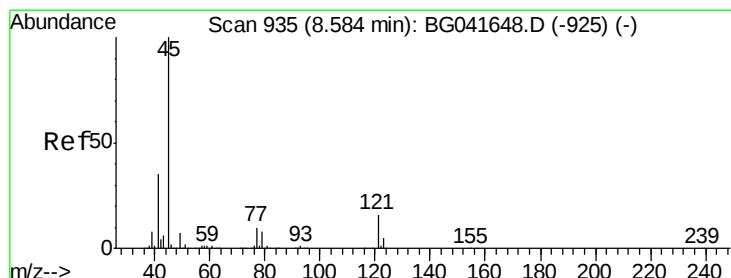
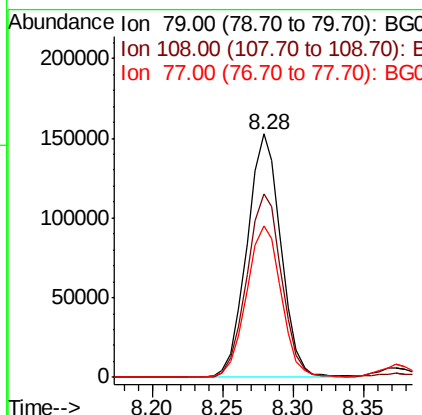
#15
Benzyl Alcohol
Concen: 43.067 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.4	60.5	90.7
77	62.1	50.6	75.8

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

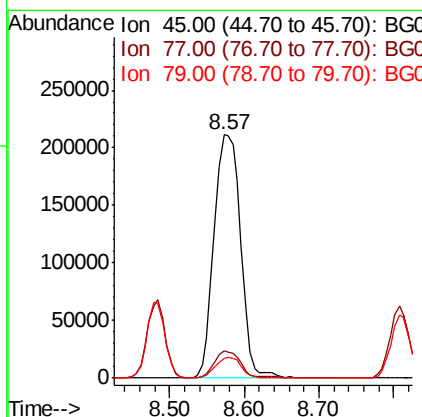
Manual Integrations
APPROVED

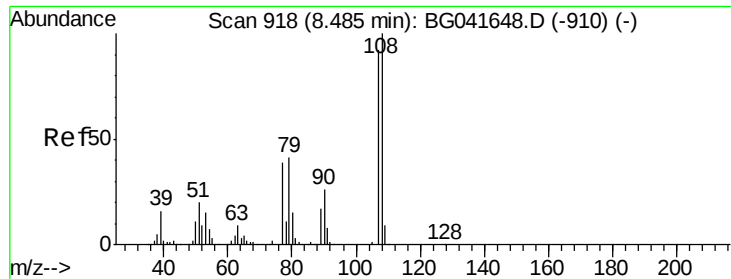
mohammad
7/19/2019 2:24:46 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.566 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	30.4
79	8.0	0.0	27.9





#17

2-Methylphenol

Concen: 45.450 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

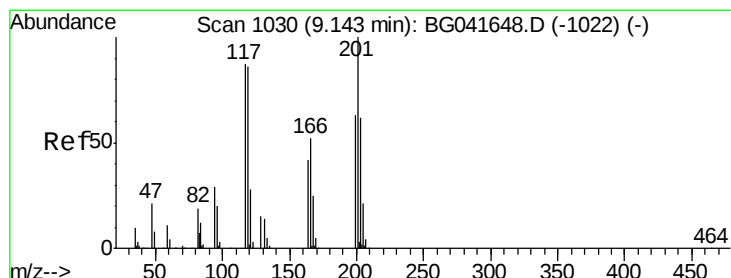
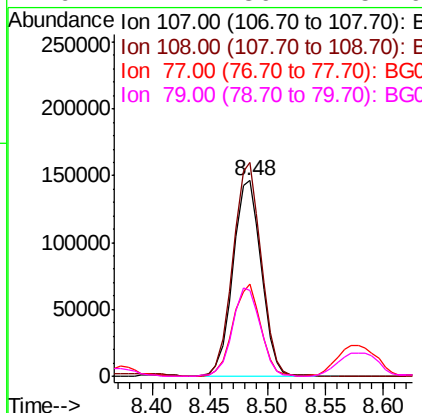
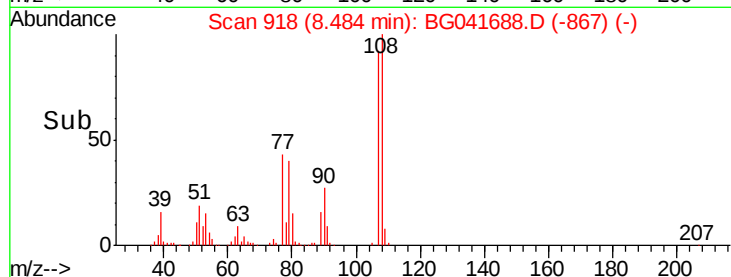
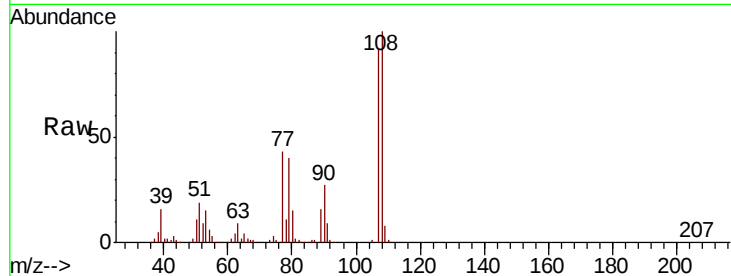
ClientSampleId :

PB121214BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	248503		
108	108.00	109.3		87.6	131.4
77	77.00	46.9		36.1	54.1
79	79.00	44.1		36.4	54.6

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM



#18

Hexachloroethane

Concen: 41.523 ng

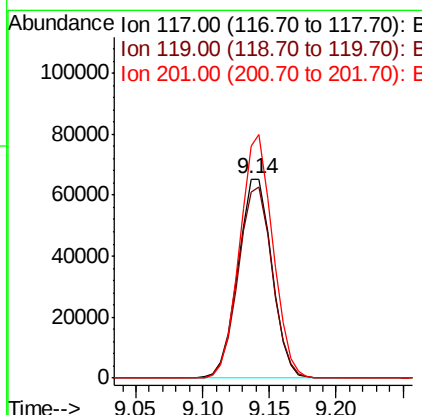
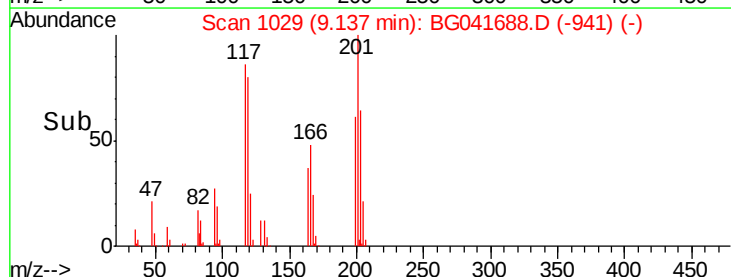
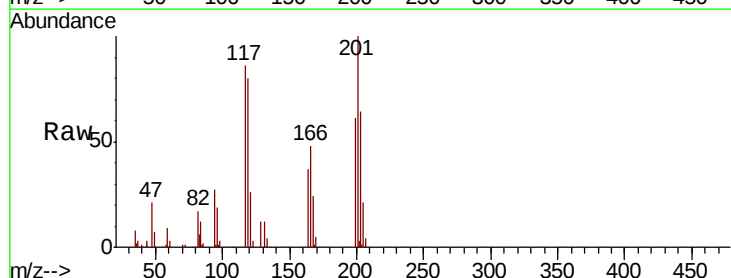
RT: 9.14 min Scan# 1029

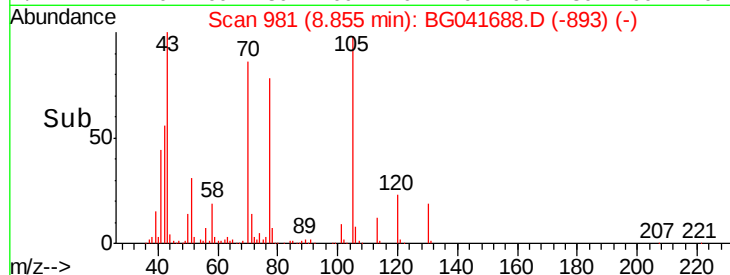
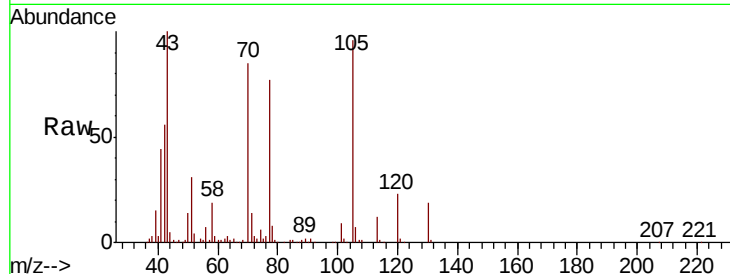
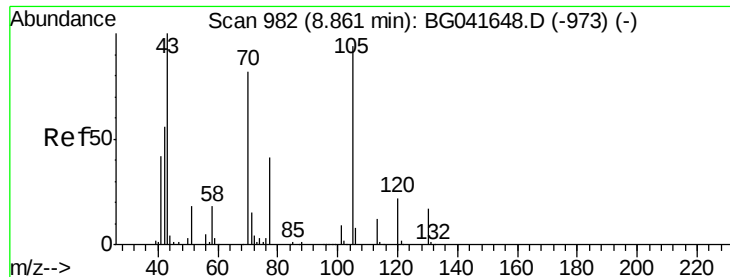
Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	114786		
119	119.00	93.4		76.2	114.2
201	201.00	116.5		94.1	141.1





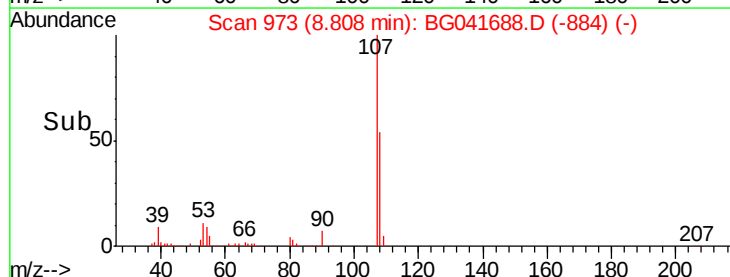
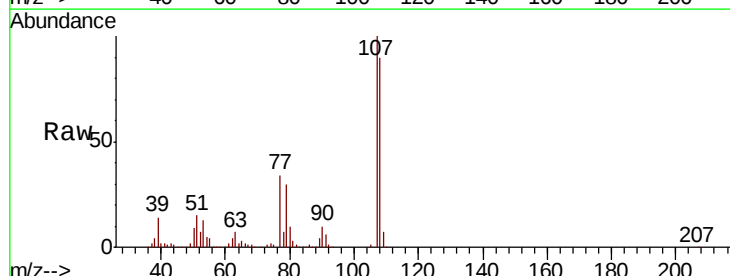
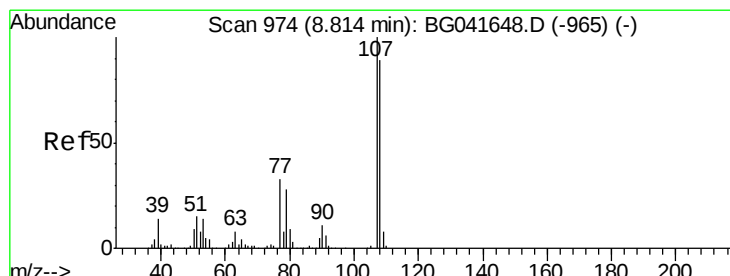
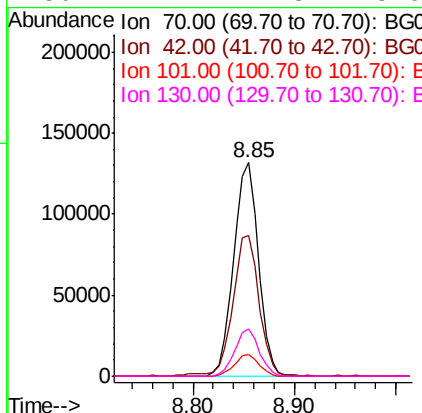
#19
n-Nitroso-di-n-propylamine
Concen: 40.852 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.7	55.8	83.6
101	10.1	8.1	12.1
130	22.2	17.3	25.9

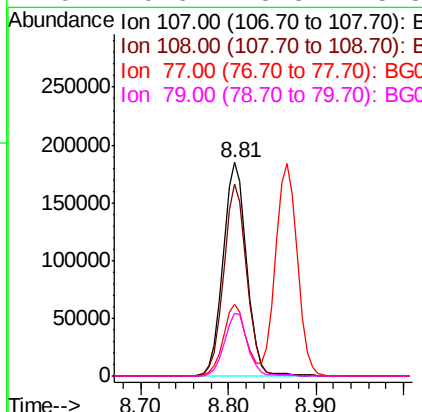
Manual Integrations
APPROVED

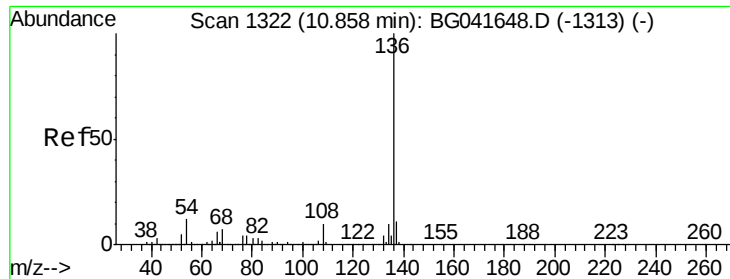
mohammad
7/19/2019 2:24:46 PM



#20
3+4-Methylphenols
Concen: 45.646 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.5	107.5
77	33.7	12.3	52.3
79	29.6	8.3	48.3





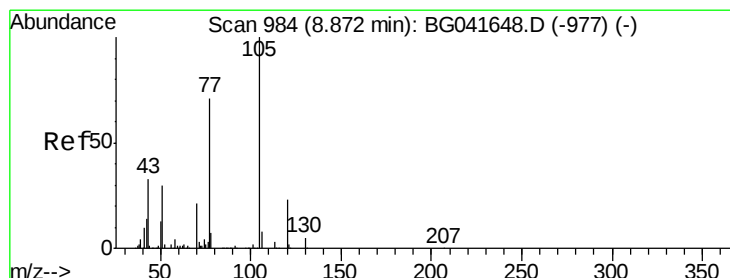
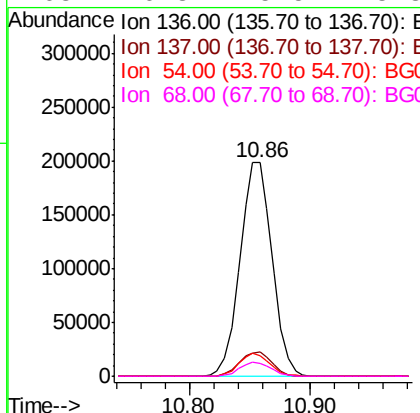
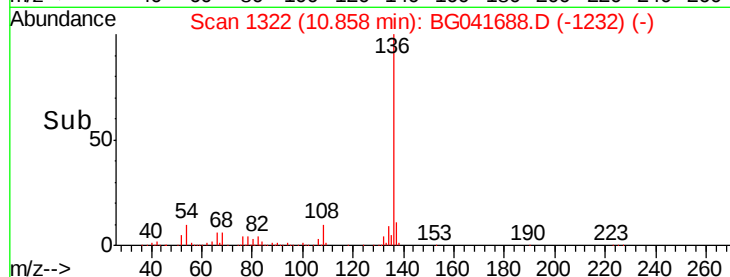
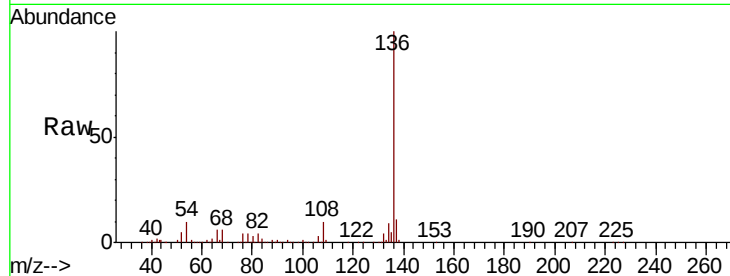
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.2	13.8	
54	9.9	8.7	13.1	
68	6.3	5.5	8.3	

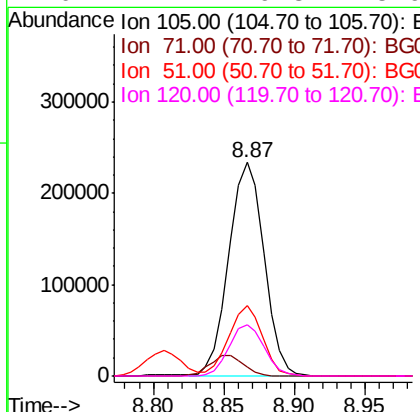
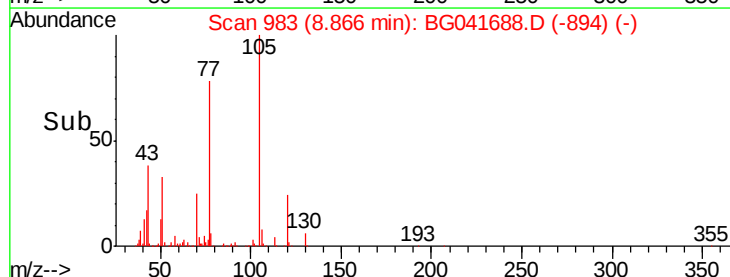
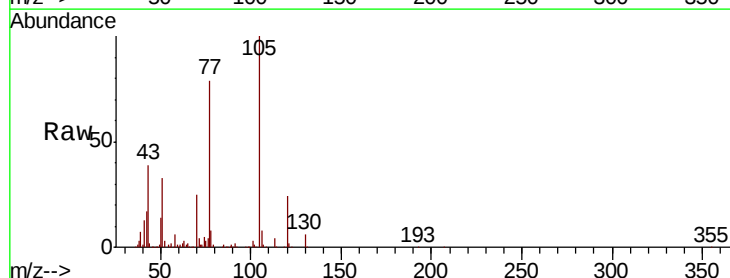
Manual Integrations
APPROVED

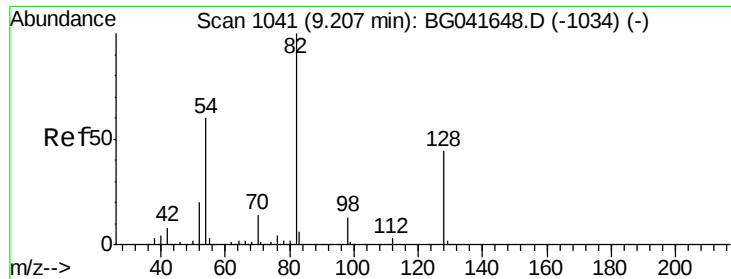
mohammad
7/19/2019 2:24:46 PM



#22
Acetophenone
Concen: 45.622 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.9	5.9	8.9#	
51	33.3	27.7	41.5	
120	24.2	19.3	28.9	





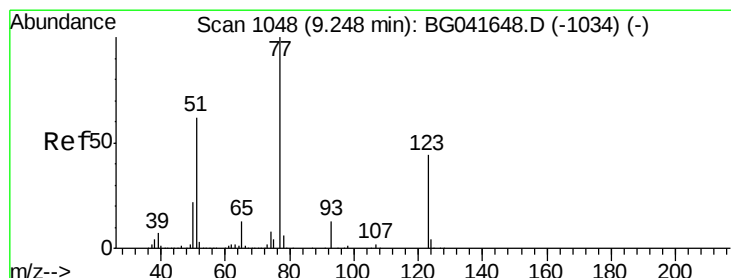
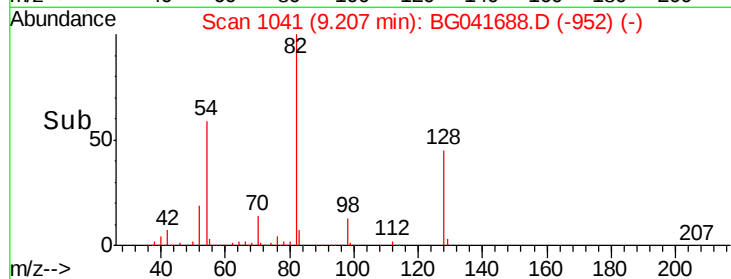
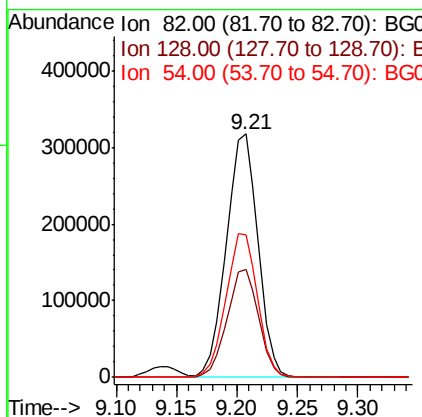
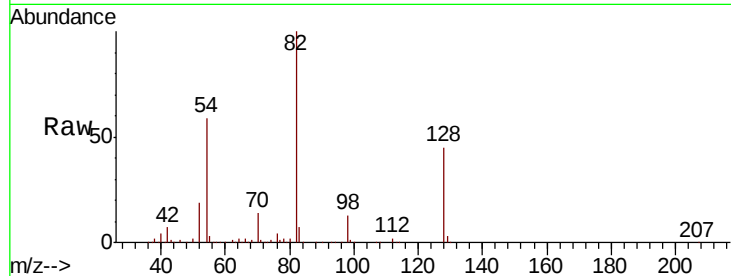
#23
 Nitrobenzene-d5
 Concen: 96.065 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.1	52.7
54	58.6	48.7	73.1

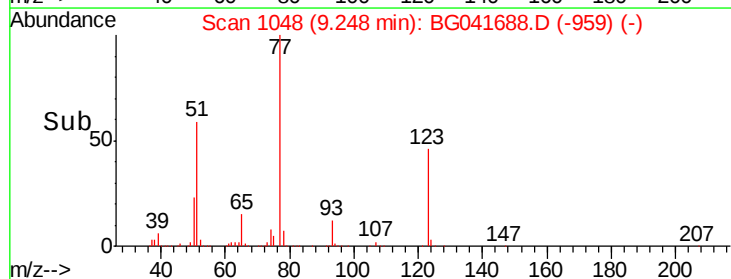
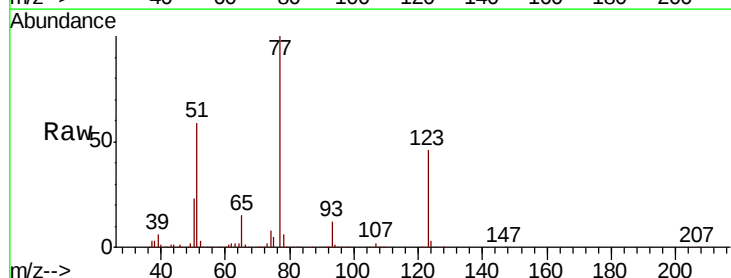
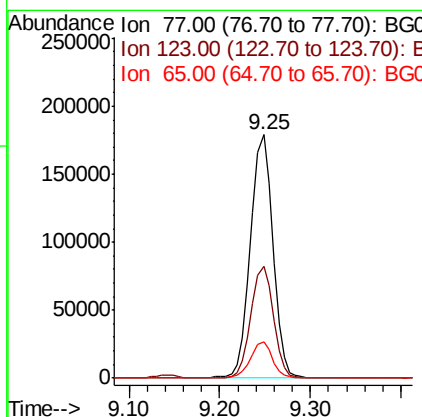
Manual Integrations
 APPROVED

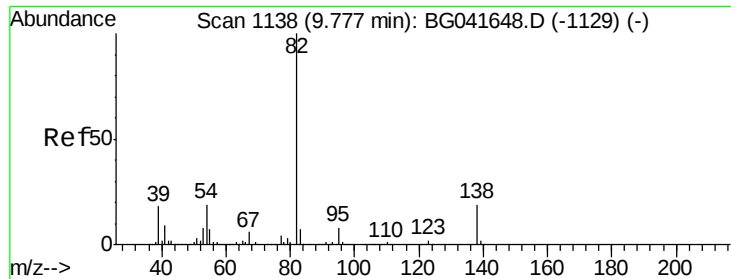
mohammad
 7/19/2019 2:24:46 PM



#24
 Nitrobenzene
 Concen: 47.180 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	38.1	57.1
65	15.1	11.0	16.6





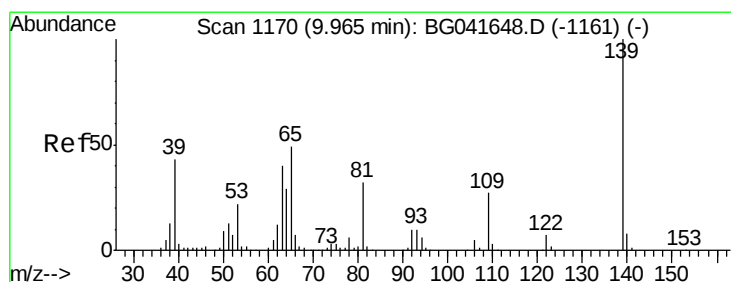
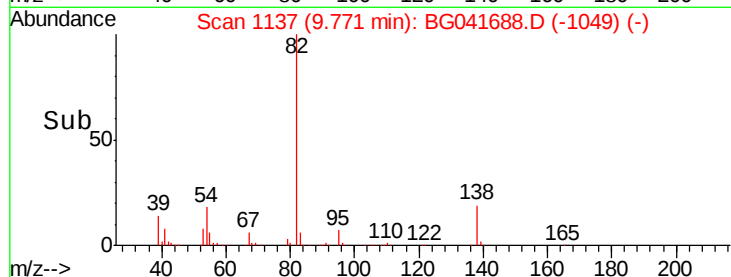
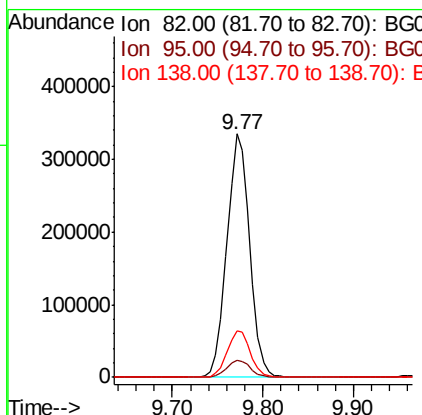
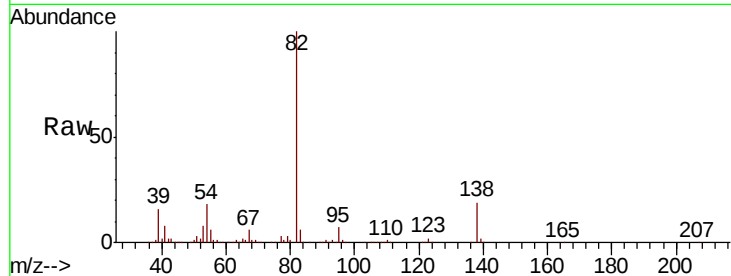
#25
Isophorone
Concen: 44.239 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	582856		
95	6.8		5.9	8.9
138	19.3		16.3	24.5

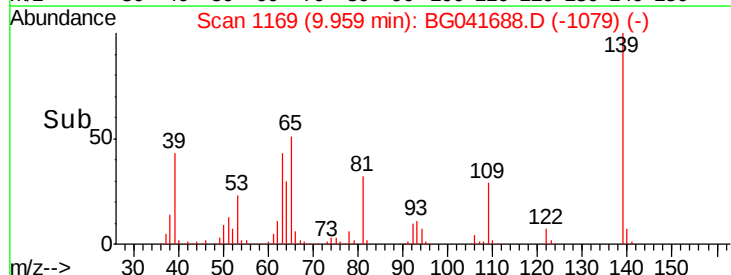
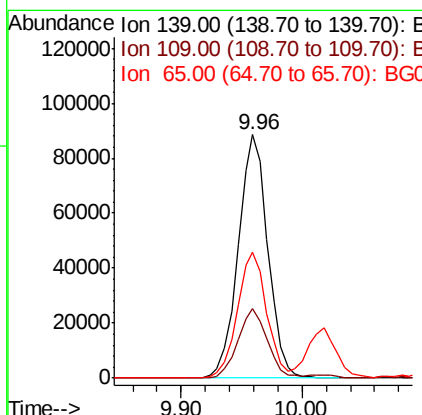
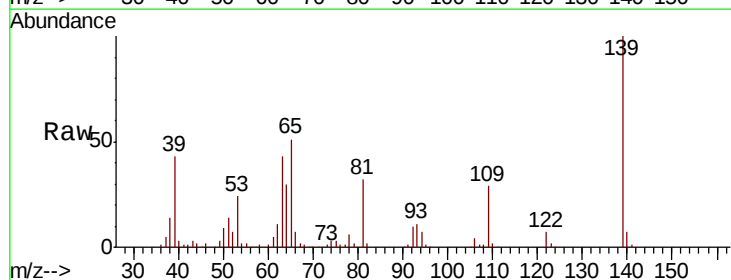
Manual Integrations
APPROVED

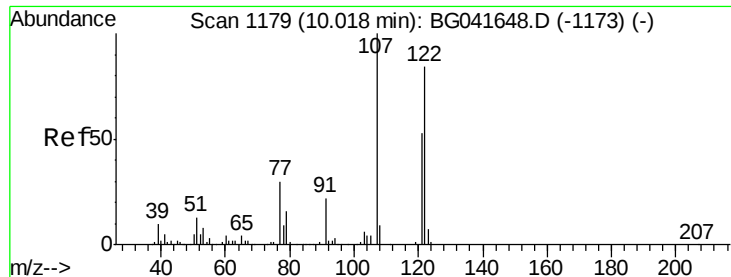
mohammad
7/19/2019 2:24:46 PM



#26
2-Nitrophenol
Concen: 49.775 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	150449		
109	28.6		22.7	34.1
65	51.4		41.1	61.7





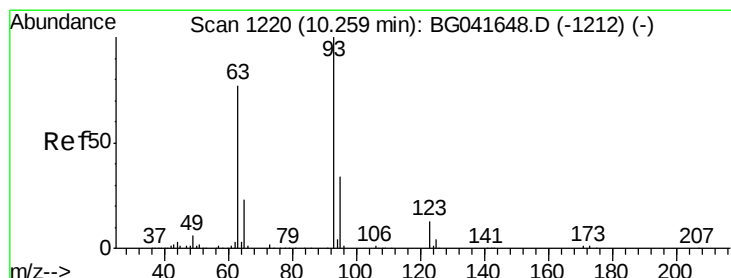
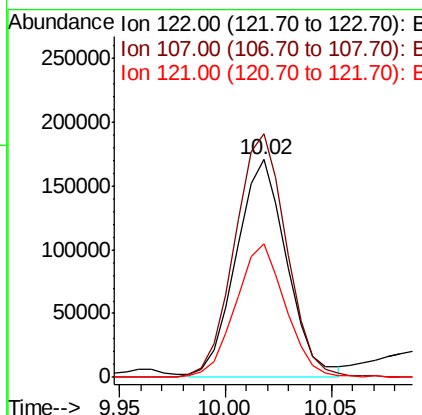
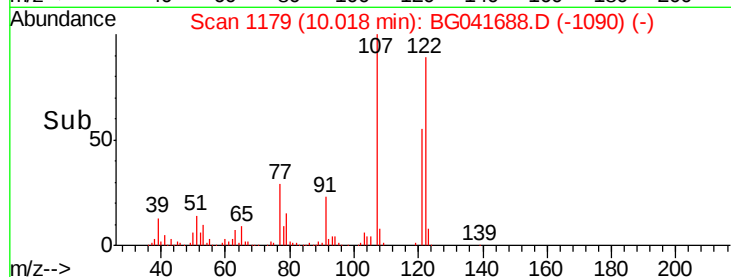
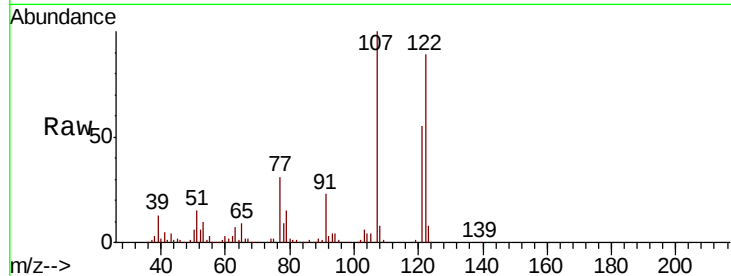
#27
2,4-Dimethylphenol
Concen: 54.255 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	282825		
107	111.8	91.3	136.9	
121	61.1	49.2	73.8	

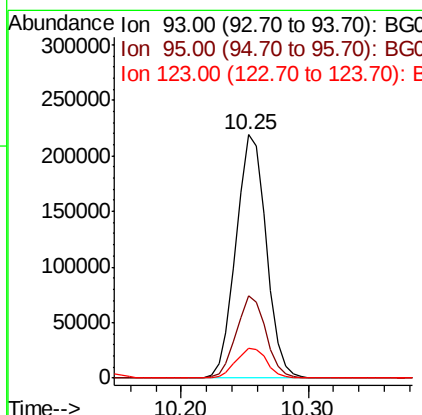
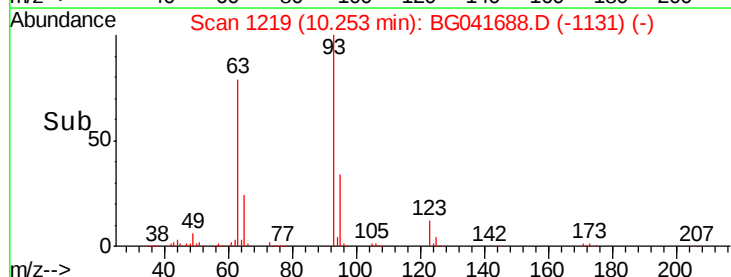
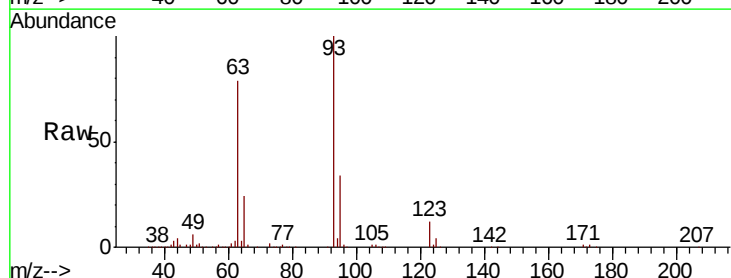
Manual Integrations
APPROVED

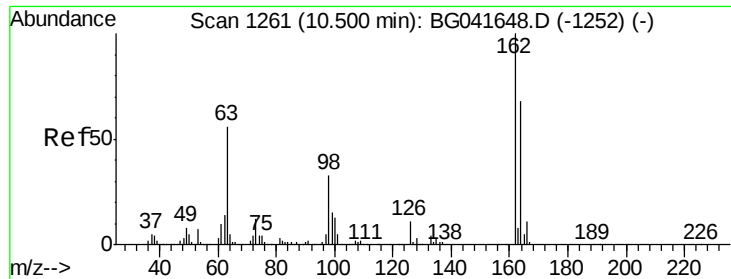
mohammad
7/19/2019 2:24:46 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.590 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	362086		
95	33.7	26.2	39.4	
123	12.1	9.9	14.9	





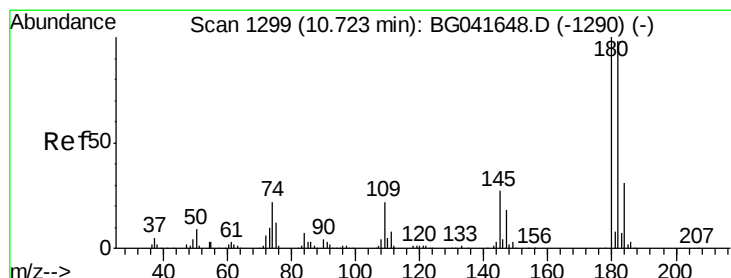
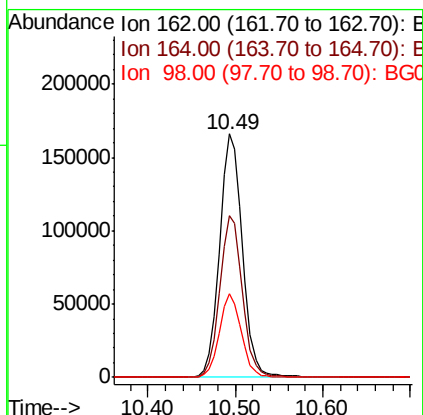
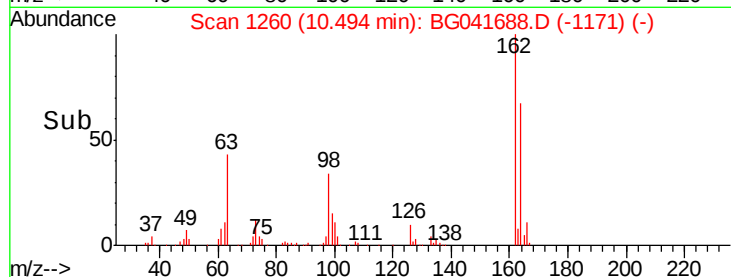
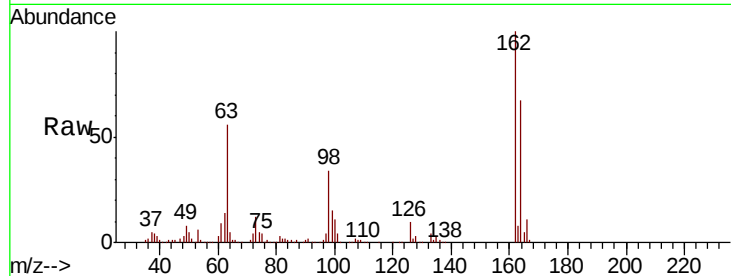
#29
2,4-Dichlorophenol
Concen: 50.347 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	299232		
164	66.6	46.1	86.1	
98	34.3	14.7	54.7	

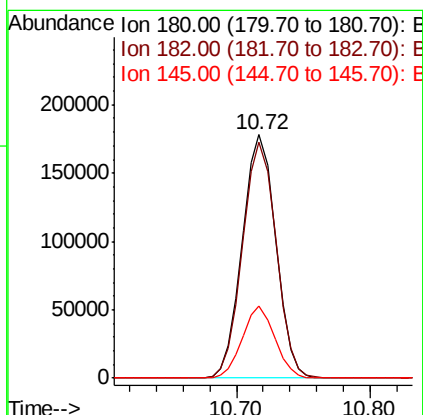
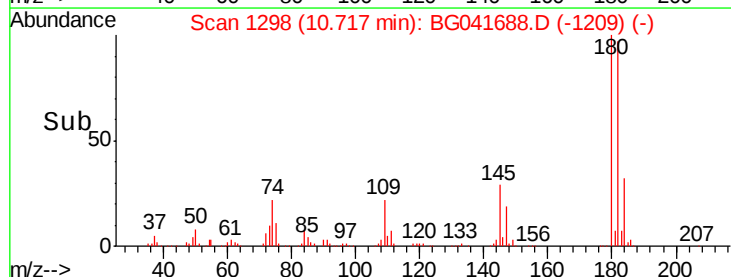
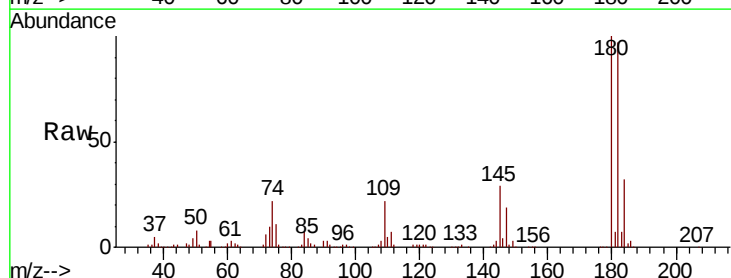
Manual Integrations
APPROVED

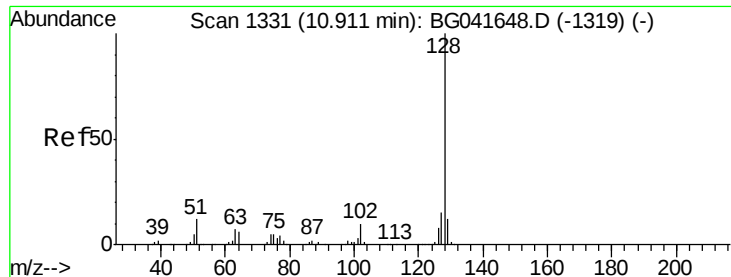
mohammad
7/19/2019 2:24:46 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.452 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	310206		
182	96.8	76.2	114.2	
145	29.4	23.8	35.8	





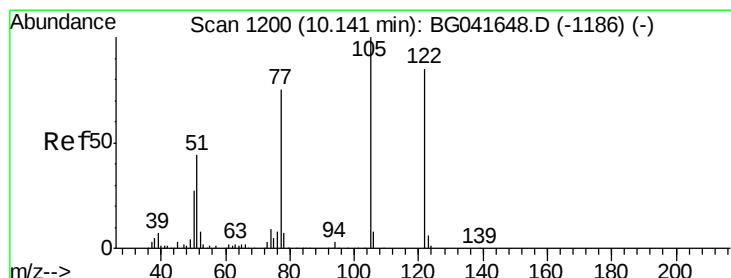
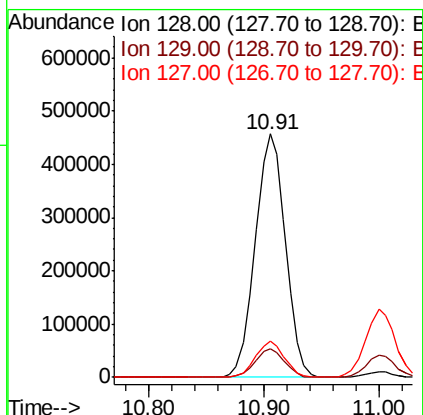
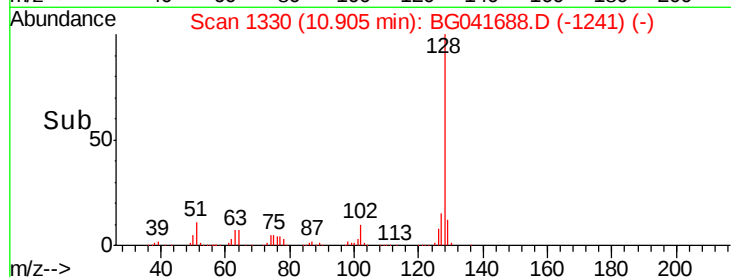
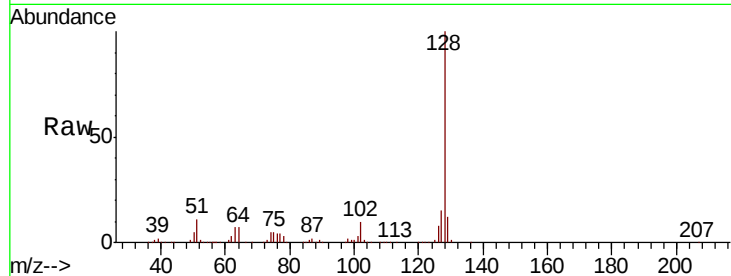
#31
Naphthalene
Concen: 46.195 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.0	15.0
127	14.8	12.3	18.5

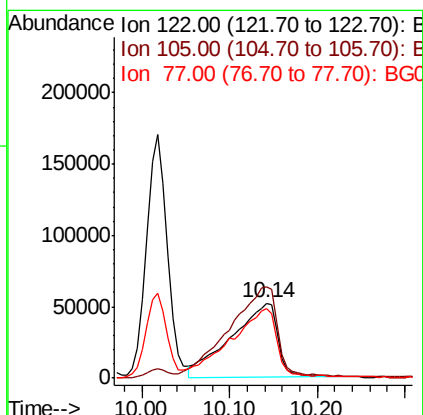
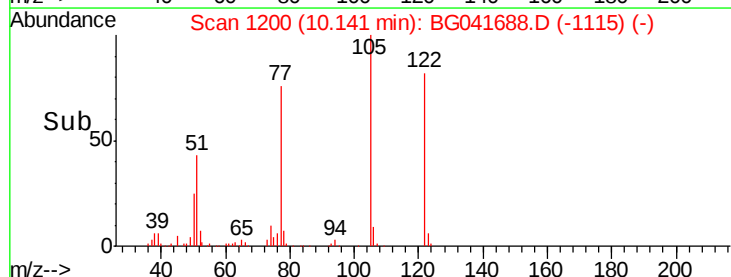
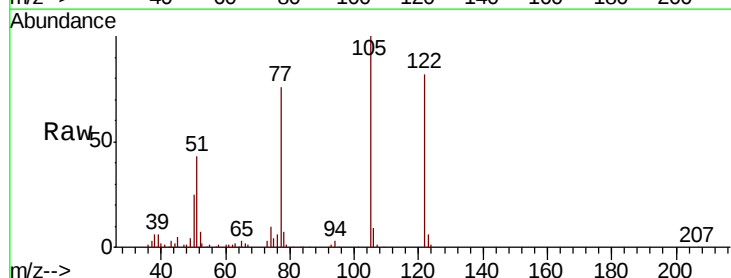
Manual Integrations
APPROVED

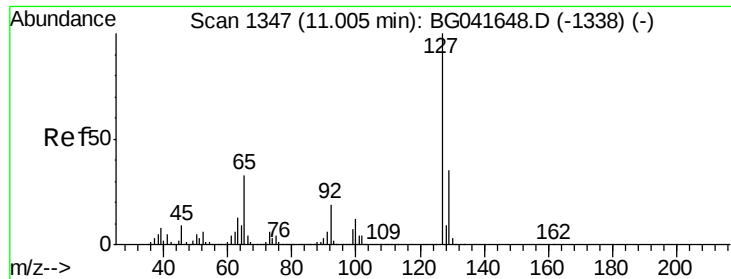
mohammad
7/19/2019 2:24:46 PM



#32
Benzoic acid
Concen: 47.626 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	101.5	141.5
77	92.3	73.0	113.0





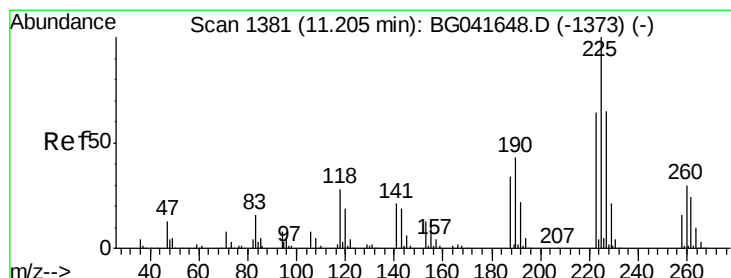
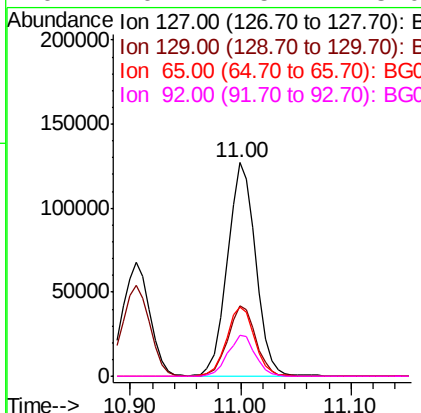
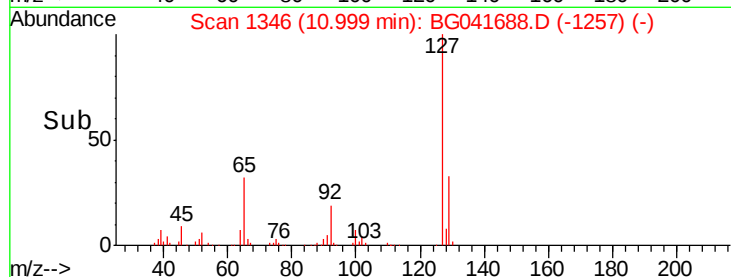
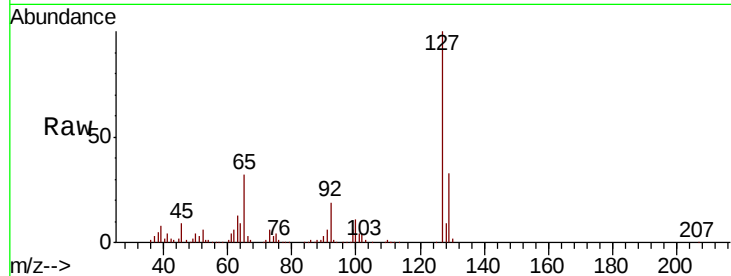
#33
4-Chloroaniline
Concen: 27.505 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	25.8	38.8	
65	32.4	26.7	40.1	
92	19.2	15.4	23.0	

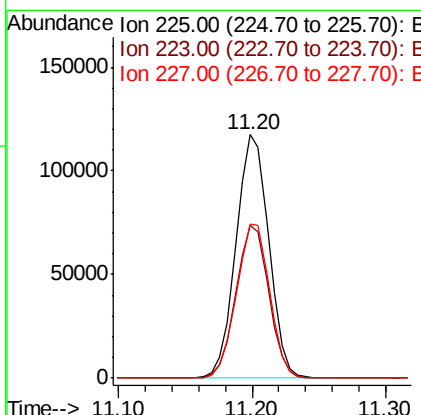
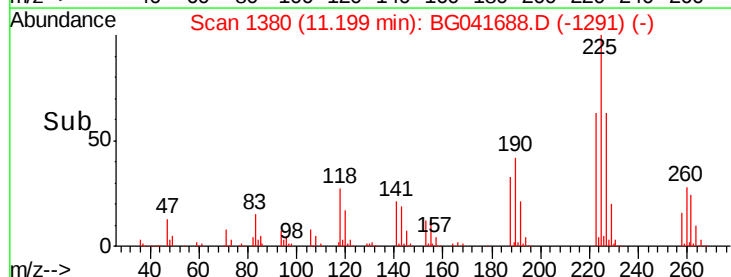
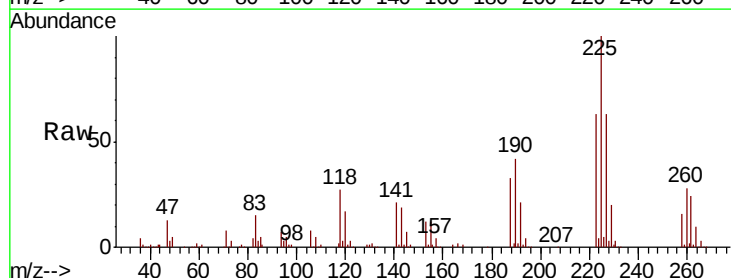
Manual Integrations
APPROVED

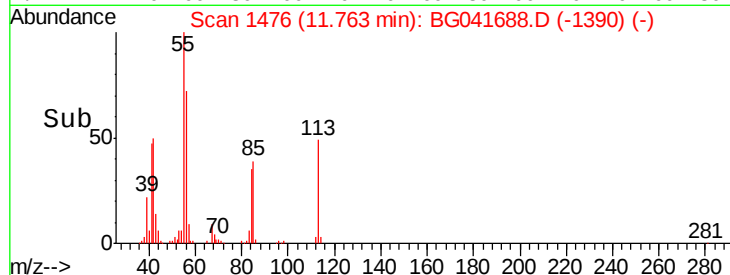
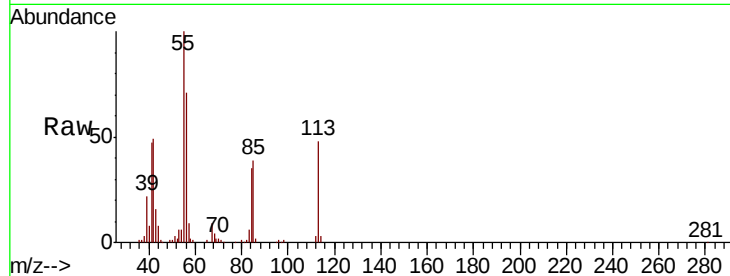
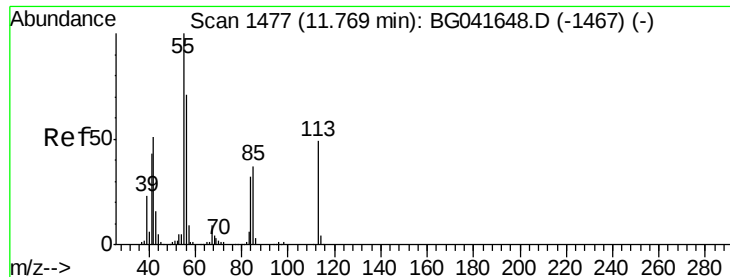
mohammad
7/19/2019 2:24:46 PM



#34
Hexachlorobutadiene
Concen: 44.395 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	51.1	76.7	
227	63.4	50.9	76.3	





#35

Caprolactam

Concen: 48.544 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleID :

PB121214BSD

Tot Ion:113 Resp: 106047

Ion Ratio Lower Upper

113 100

55 206.9 199.4 239.4

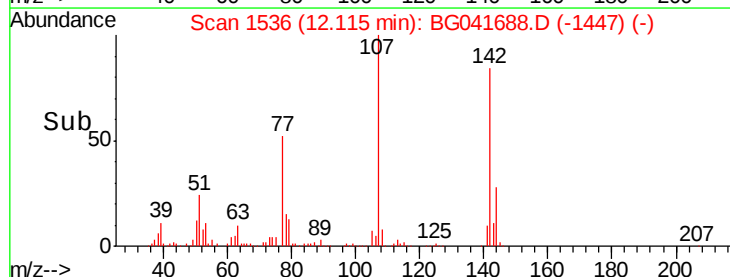
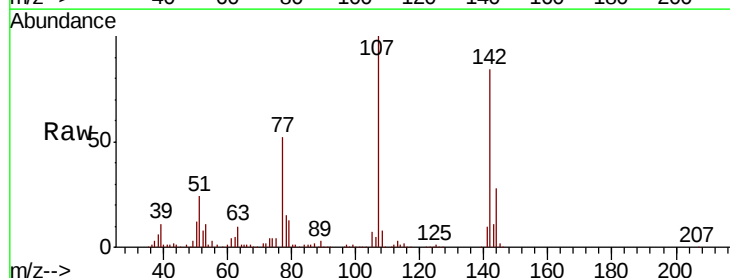
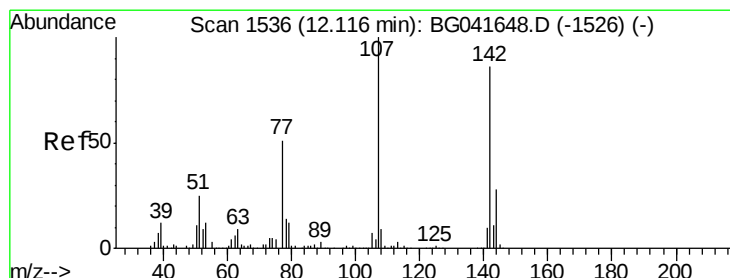
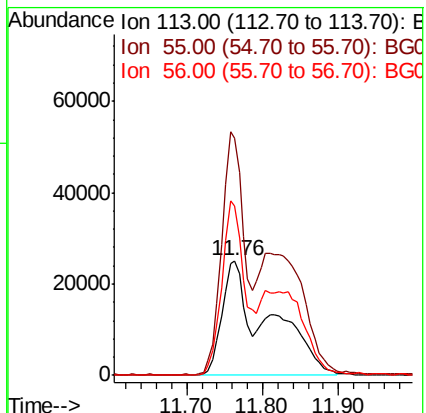
56 147.9 133.6 173.6

Manual Integrations

APPROVED

mohammad

7/19/2019 2:24:46 PM



#36

4-Chloro-3-methylphenol

Concen: 48.854 ng/ml

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

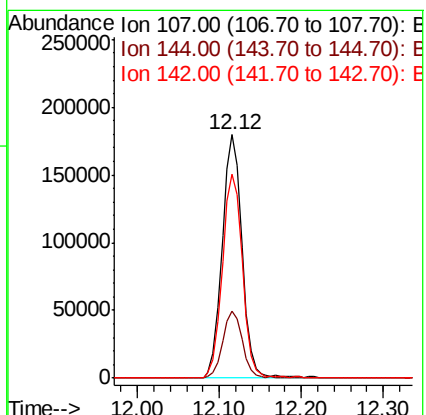
Tgt Ion:107 Resp: 304186

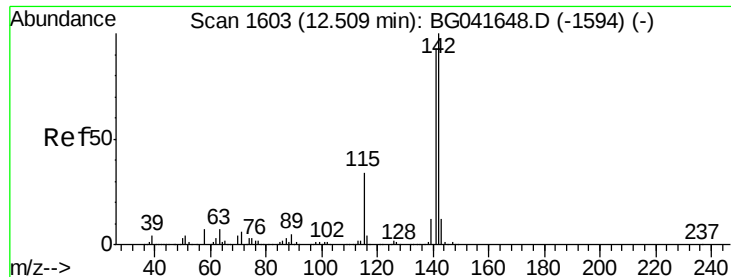
Ion Ratio Lower Upper

107 100

144 27.7 22.2 33.2

142 84.0 67.3 100.9





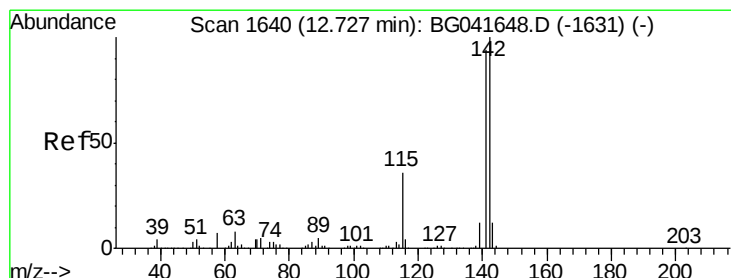
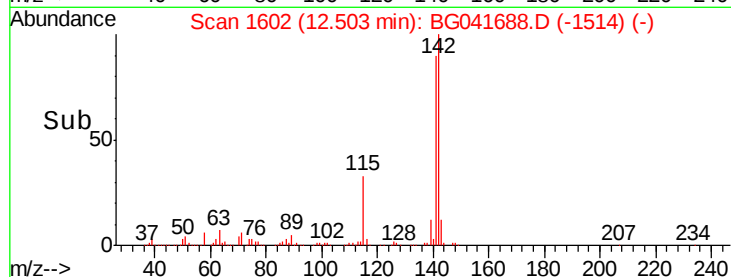
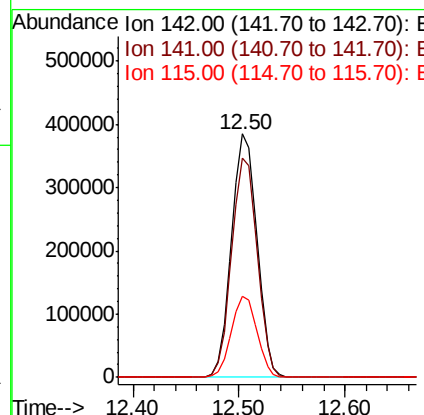
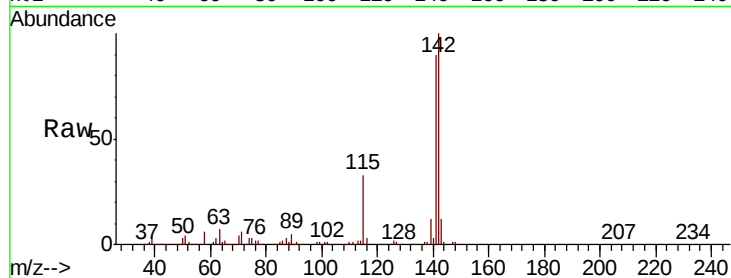
#37
2-Methylnaphthalene
Concen: 46.579 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.7	109.1
115	33.3	27.0	40.4

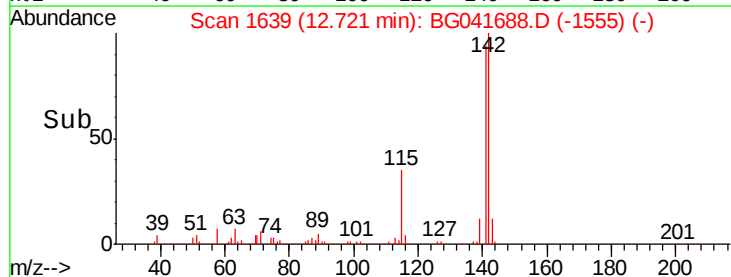
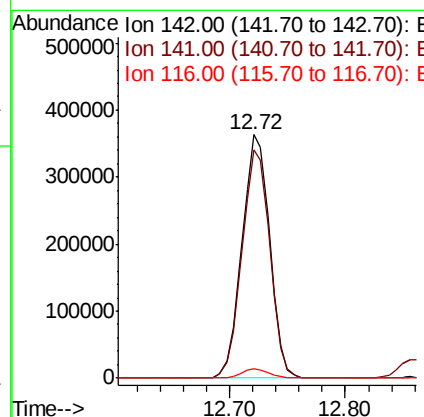
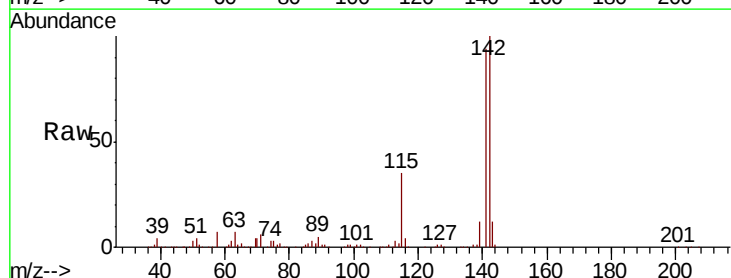
Manual Integrations
APPROVED

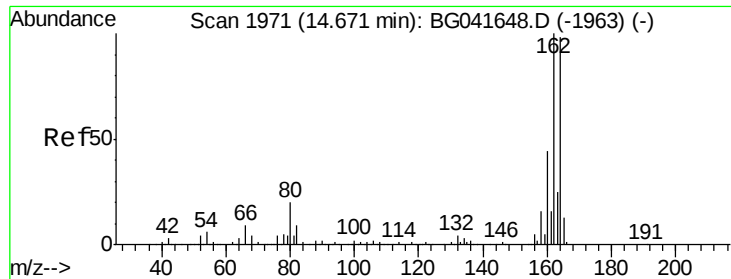
mohammad
7/19/2019 2:24:46 PM



#38
1-Methylnaphthalene
Concen: 45.726 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.4	113.2
116	3.8	3.2	4.8





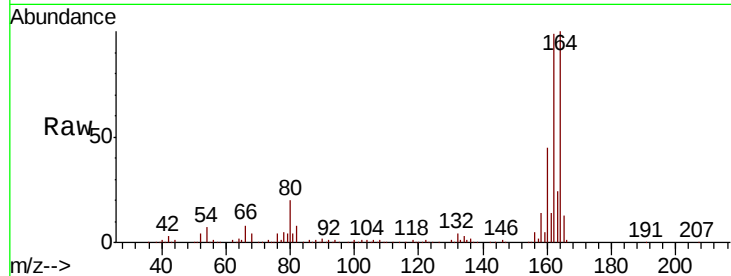
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.6	119.4
160	45.0	35.4	53.0

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM

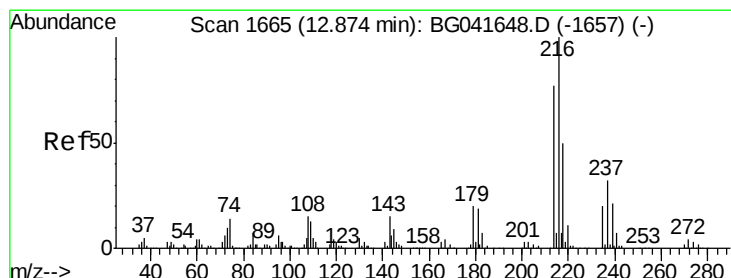
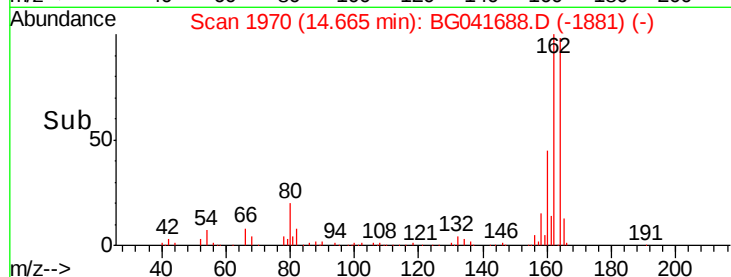
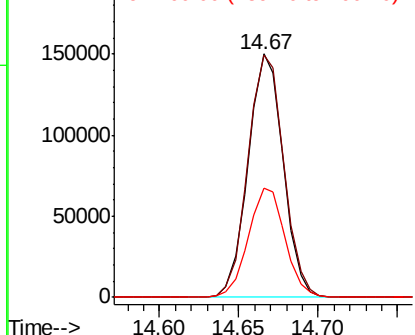


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.752 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.5	92.3
179	20.0	16.2	24.2
108	16.7	13.2	19.8

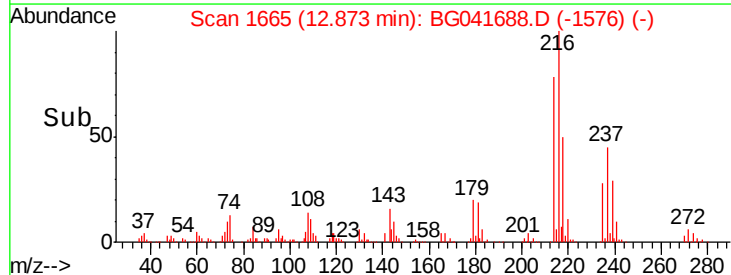
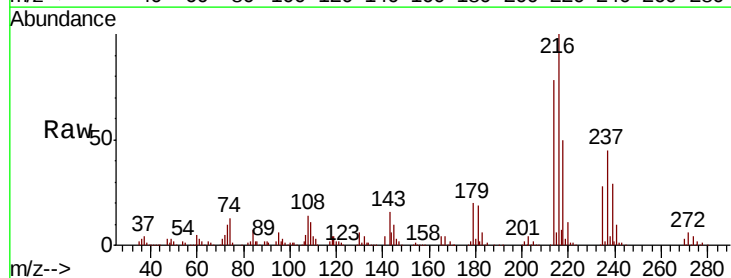
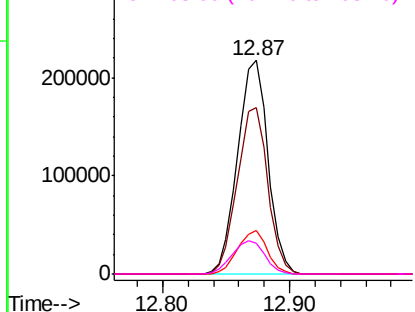
Abundance

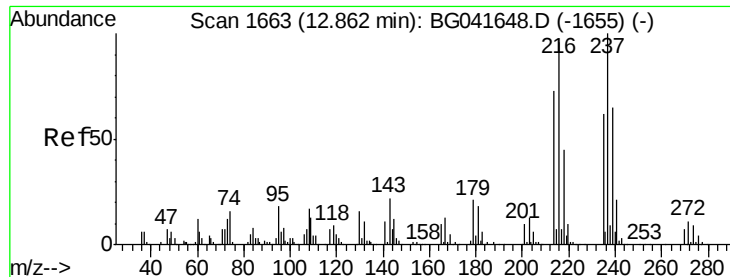
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.709 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

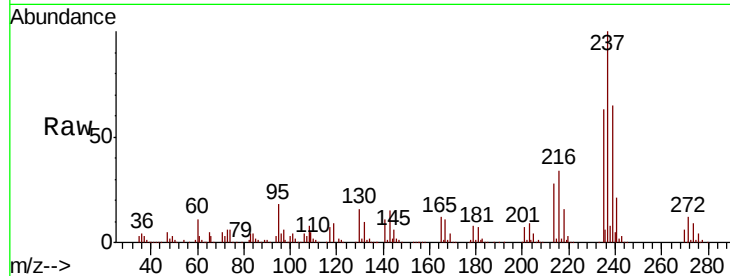
ClientSampleId :

PB121214BSD

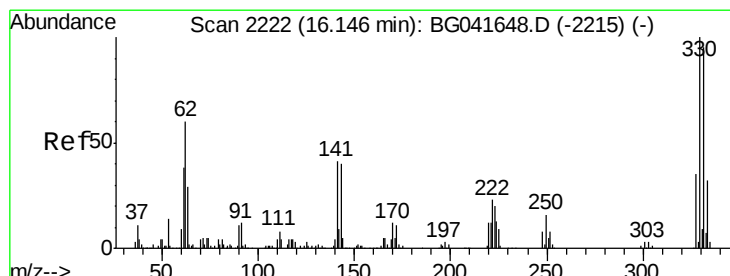
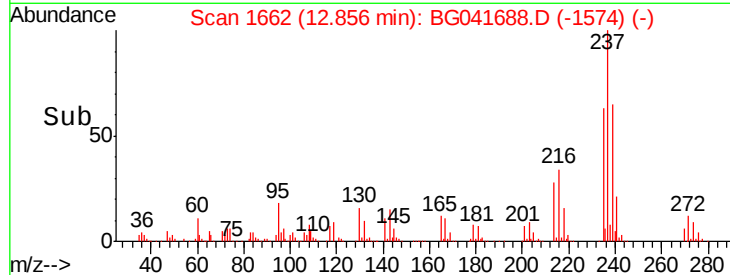
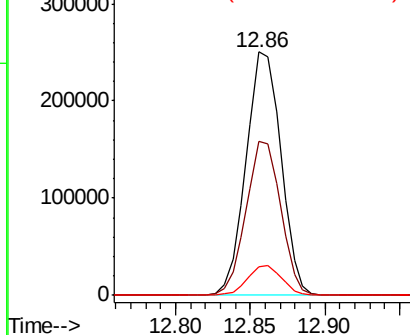
Tot Ion:	237	Resp:	405333
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.5	83.5
272	11.8	0.0	31.2

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 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: 150.603 ng

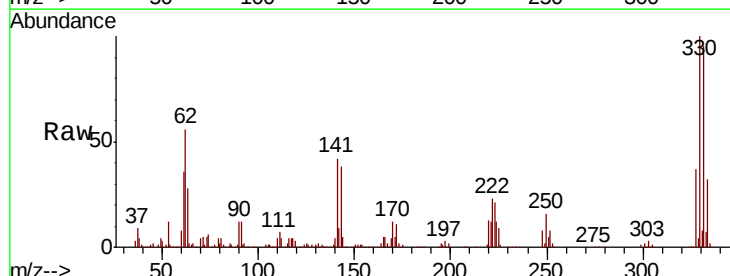
RT: 16.15 min Scan# 2222

Delta R.T. -0.00 min

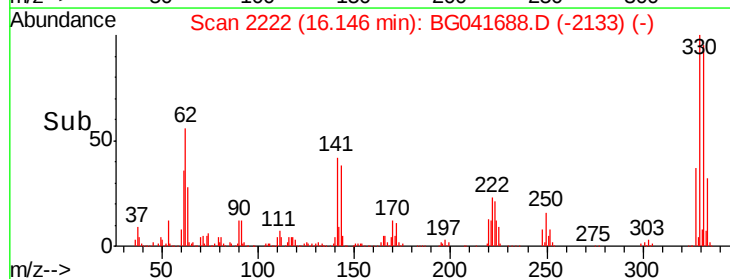
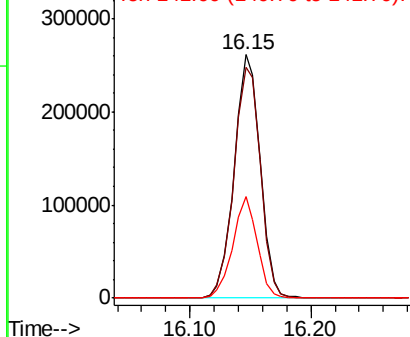
Lab File: BG041688.D

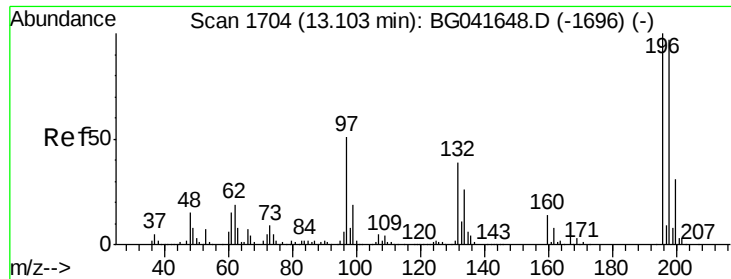
Acq: 17 Jul 2019 14:07

Tgt Ion:	330	Resp:	391412
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.4	116.0
141	39.3	31.9	47.9



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





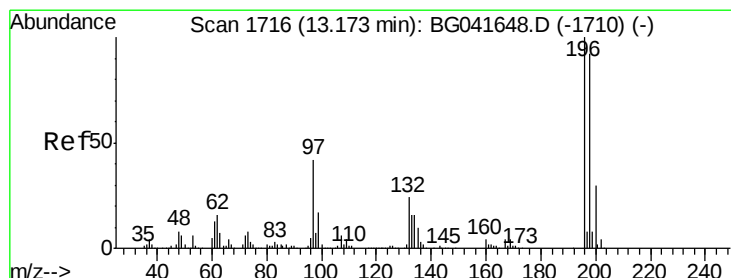
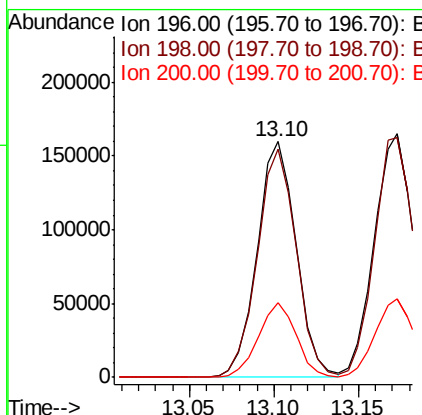
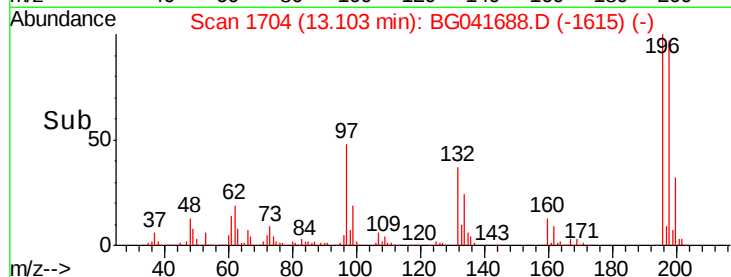
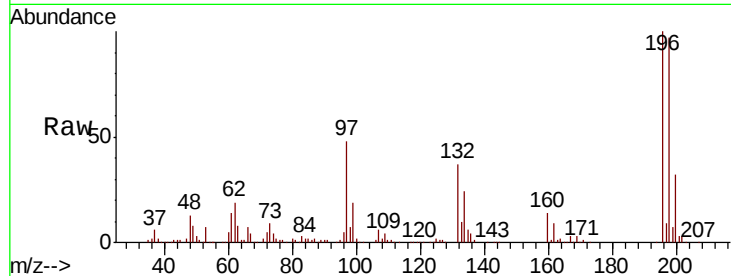
#43
 2,4,6-Trichlorophenol
 Concen: 49.828 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255750		
198	96.7	79.6	119.4	
200	31.9	25.2	37.8	

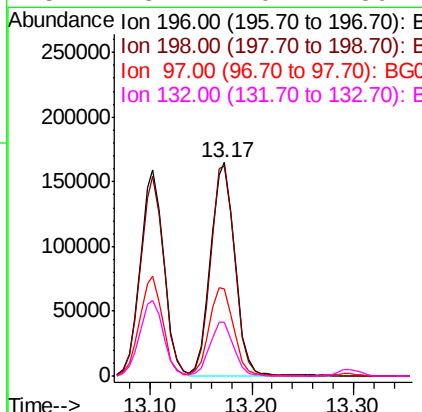
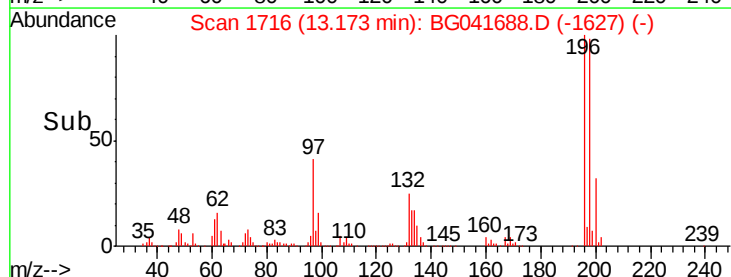
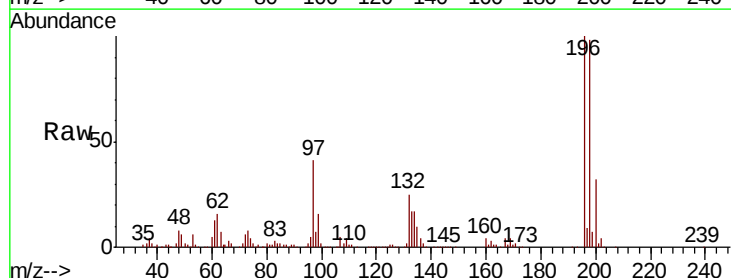
Manual Integrations
 APPROVED

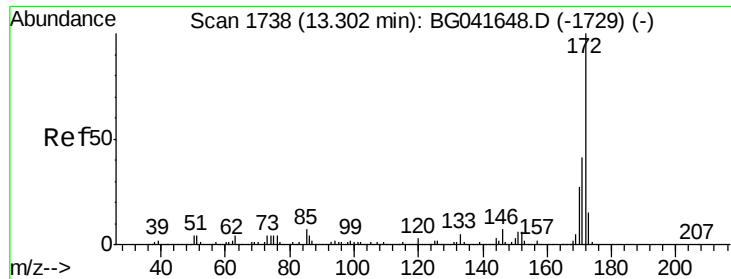
mohammad
 7/19/2019 2:24:46 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.727 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274325		
198	98.3	80.6	121.0	
97	40.8	33.9	50.9	
132	25.1	20.2	30.2	





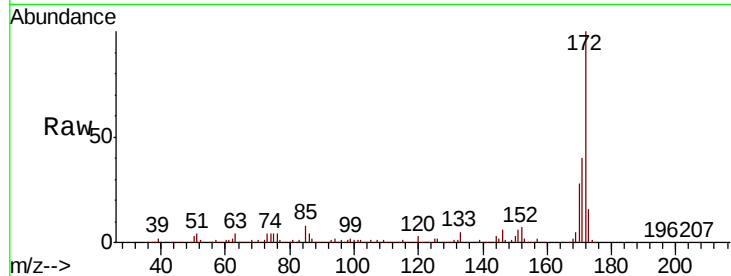
#45
2-Fluorobiphenyl
Concen: 93.805 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.4	35.0	52.4
170	27.6	23.5	35.3

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM

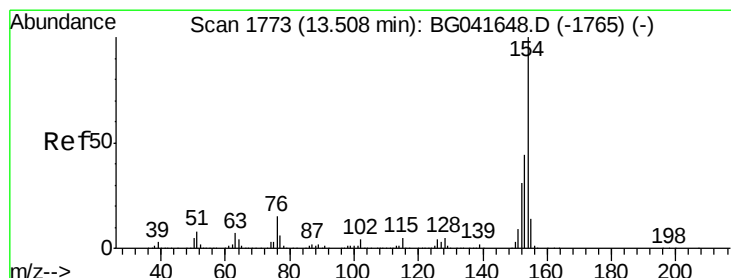
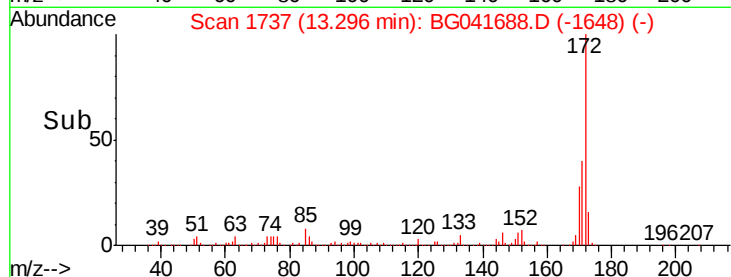
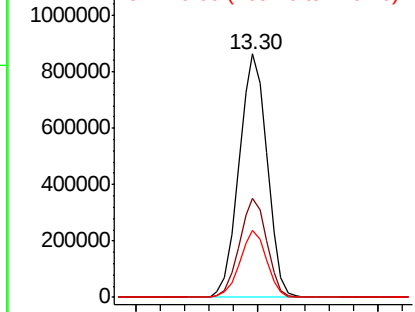


Abundance

Ion 172.00 (171.70 to 172.70): E

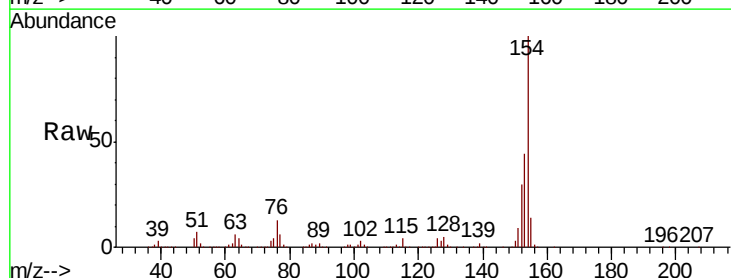
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 46.650 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	25.0	65.0
76	13.1	0.0	34.5

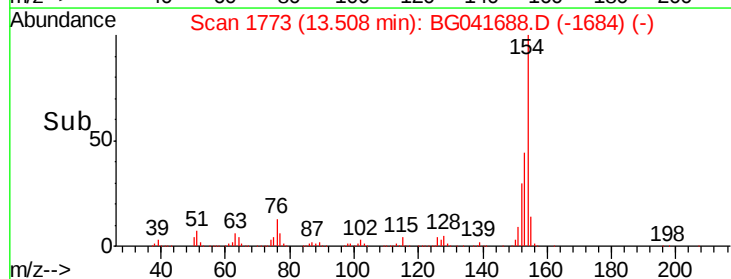
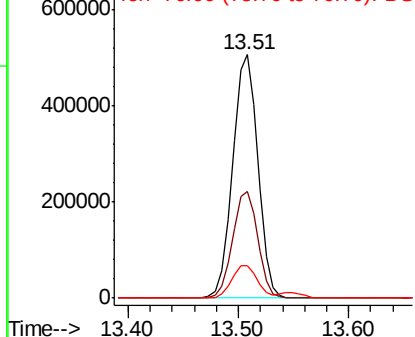


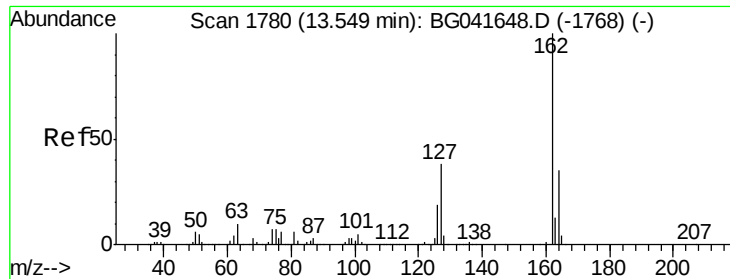
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





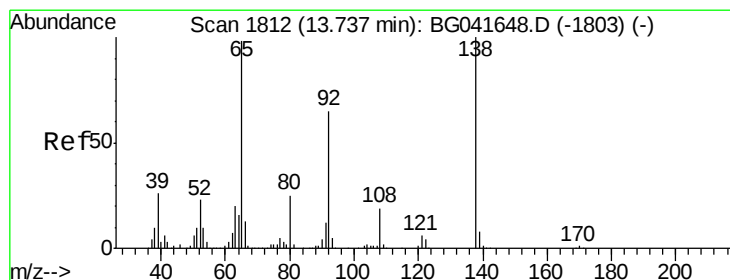
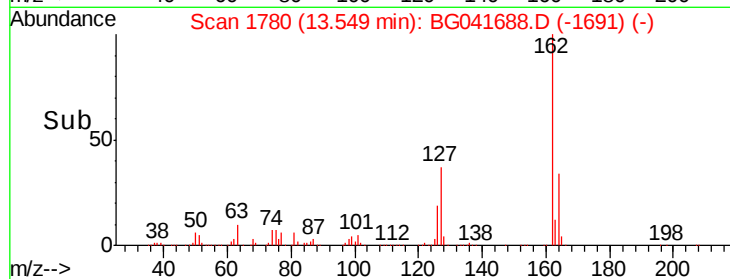
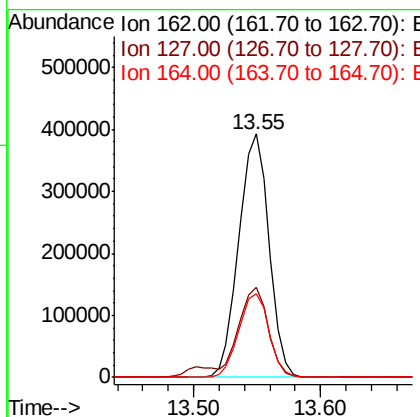
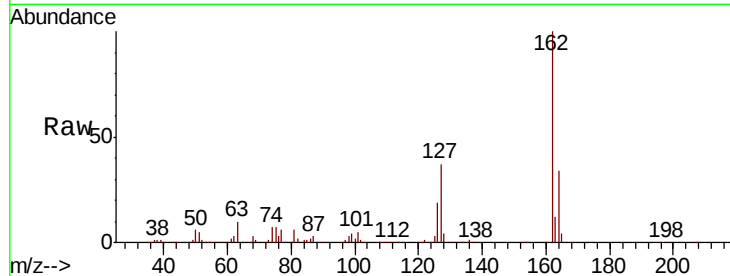
#47
 2-Chloronaphthalene
 Concen: 45.050 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.4	45.6
164	34.2	28.6	42.8

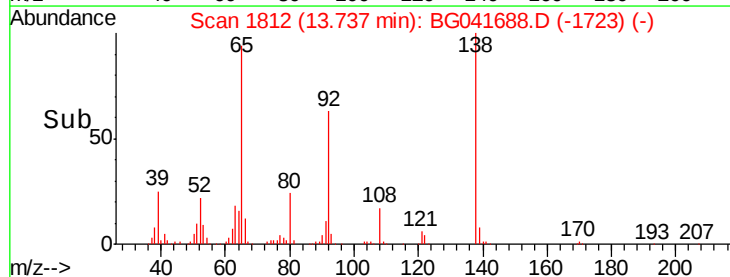
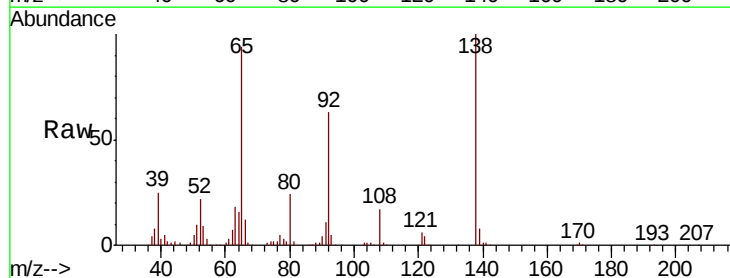
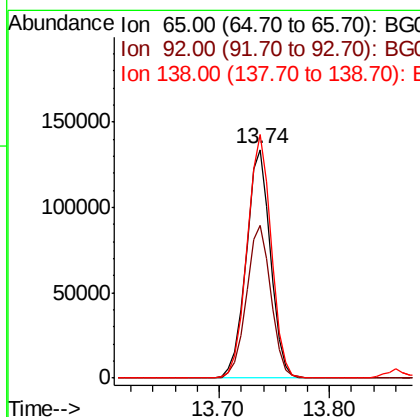
Manual Integrations
 APPROVED

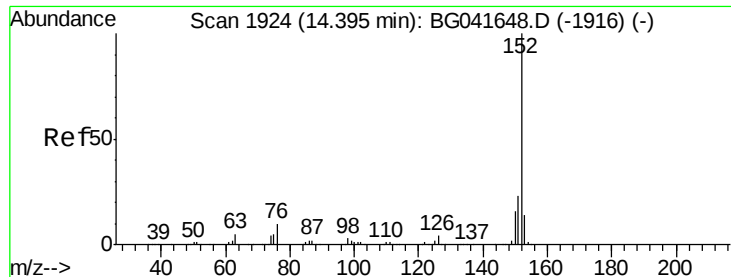
mohammad
 7/19/2019 2:24:46 PM



#48
 2-Nitroaniline
 Concen: 49.291 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.9	80.9
138	106.5	83.5	125.3





#49

Acenaphthylene

Concen: 46.249 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

Tot Ion:152 Resp: 1039611

Ion Ratio Lower Upper

152 100

151 23.2 18.7 28.1

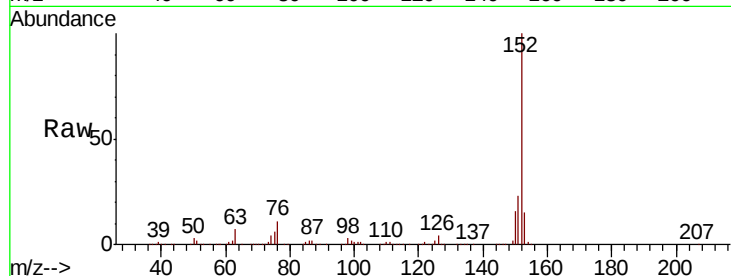
153 14.7 12.4 18.6

Manual Integrations

APPROVED

mohammad

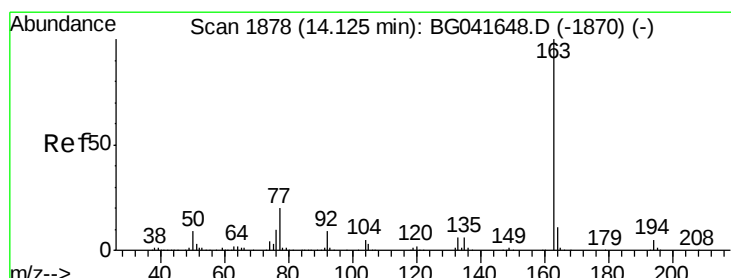
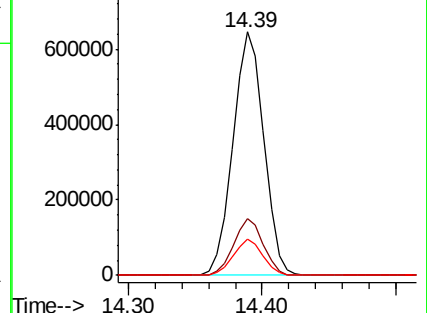
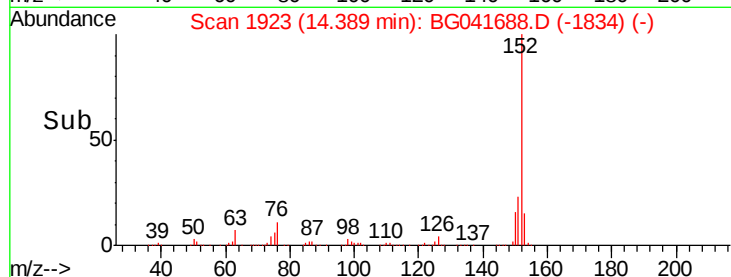
7/19/2019 2:24:46 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.474 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

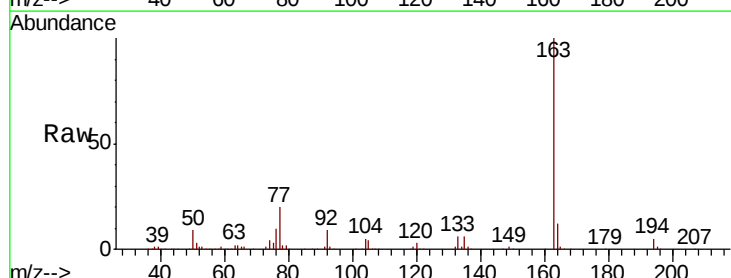
Tgt Ion:163 Resp: 841742

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

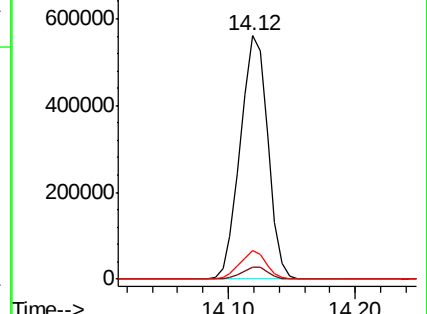
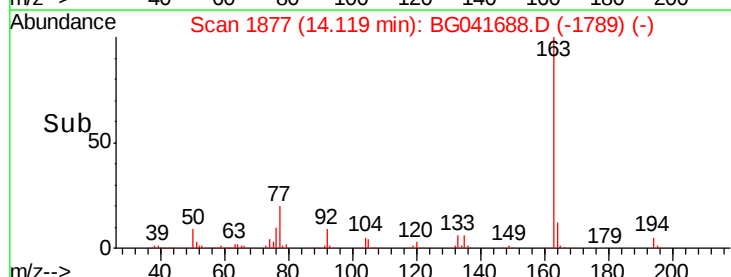
164 11.5 9.4 14.2

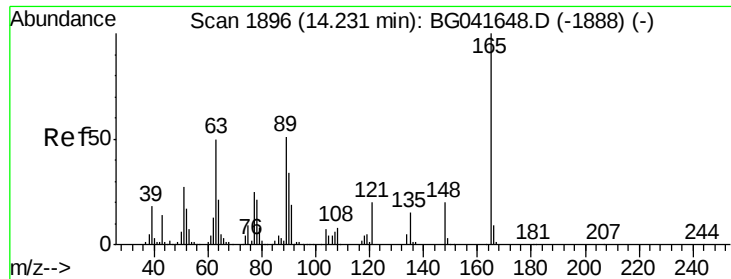


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





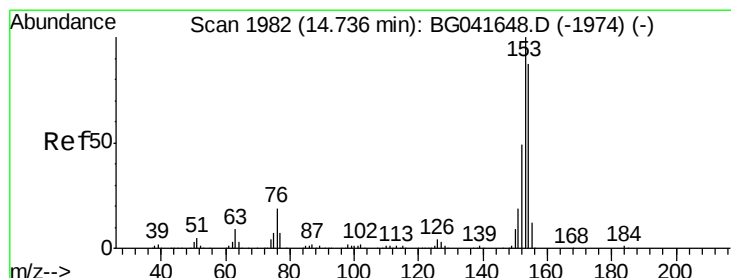
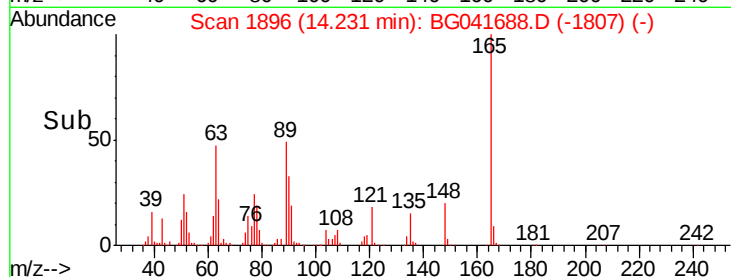
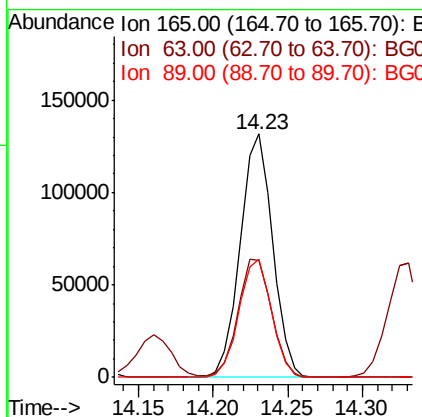
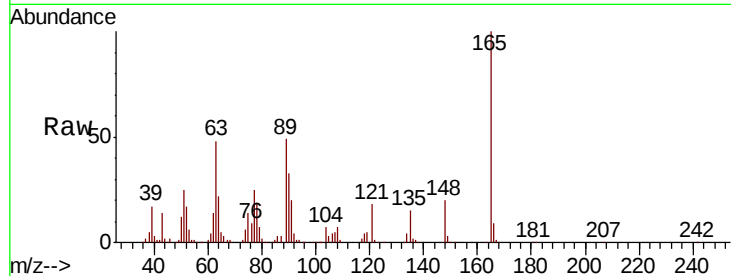
#51
2,6-Dinitrotoluene
Concen: 51.479 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.8	42.4	63.6
89	48.5	42.1	63.1

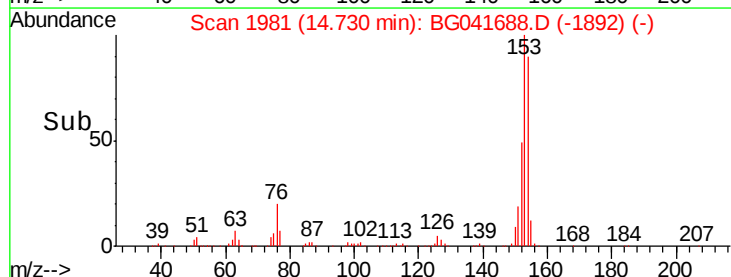
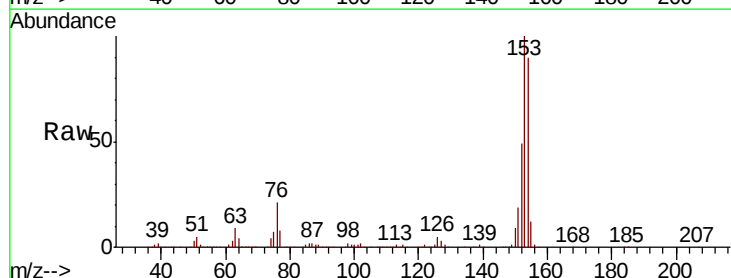
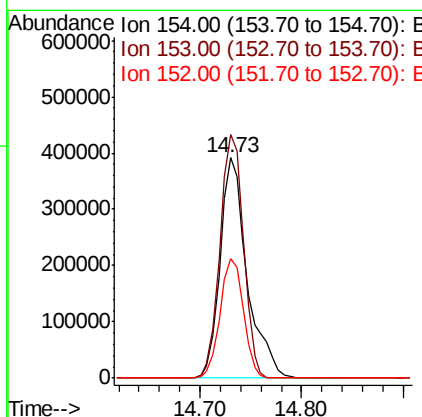
Manual Integrations
APPROVED

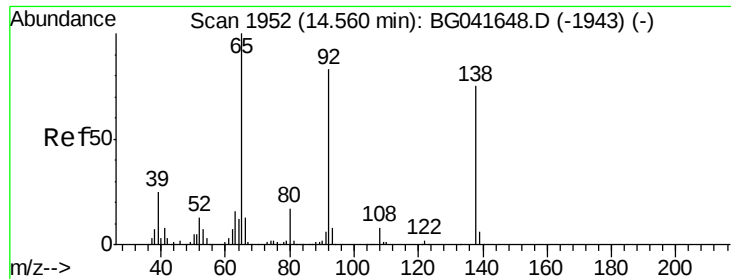
mohammad
7/19/2019 2:24:46 PM



#52
Acenaphthene
Concen: 50.986 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.8	134.6
152	54.4	44.9	67.3





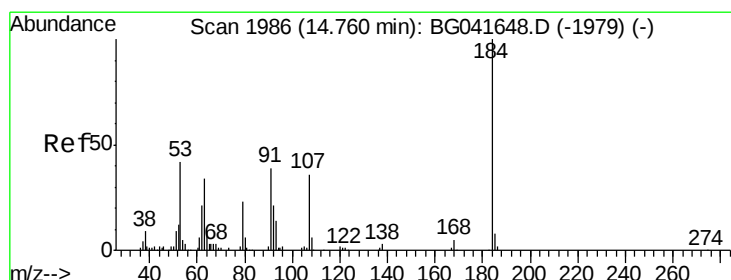
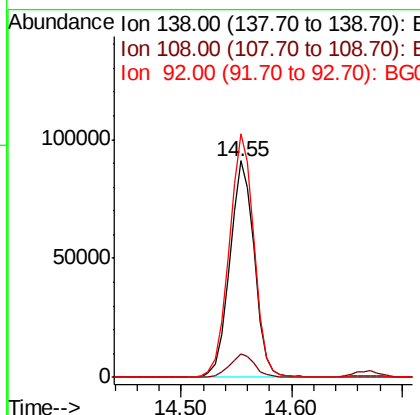
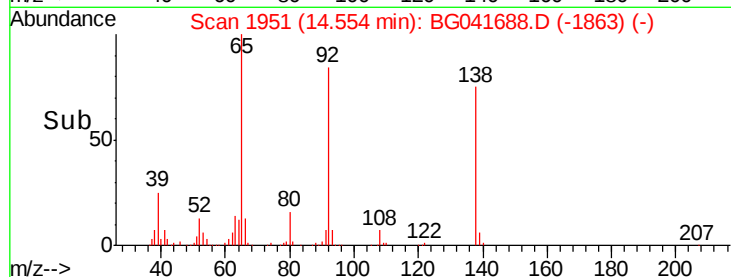
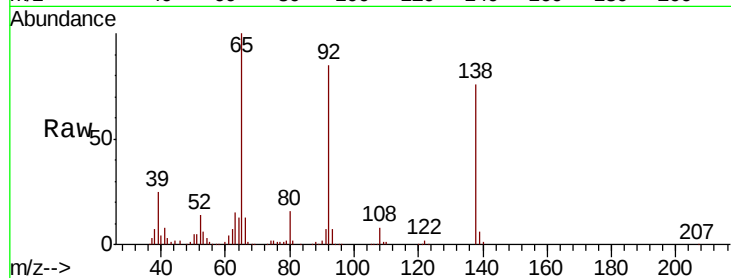
#53
3-Nitroaniline
Concen: 33.762 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampled :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	10.3	15.5
92	112.4	93.0	139.4

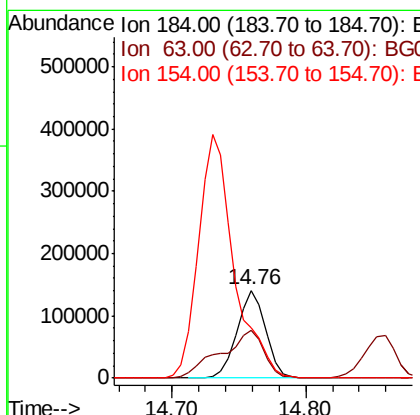
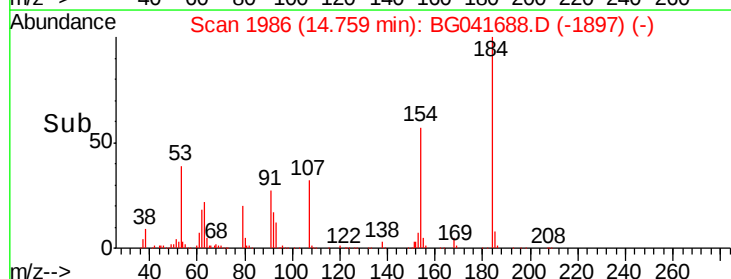
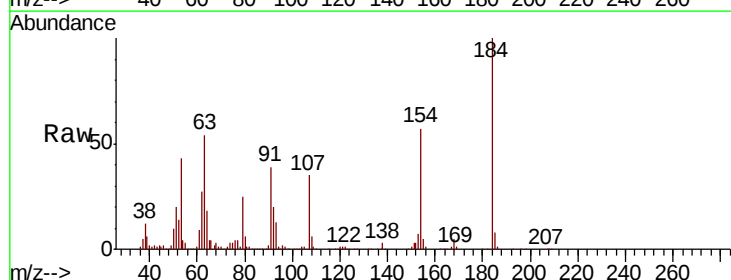
Manual Integrations
APPROVED

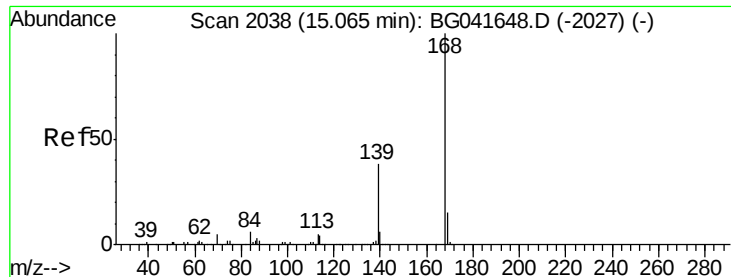
mohammad
7/19/2019 2:24:46 PM



#54
2,4-Dinitrophenol
Concen: 104.664 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.4	43.2	64.8
154	57.1	51.4	77.2





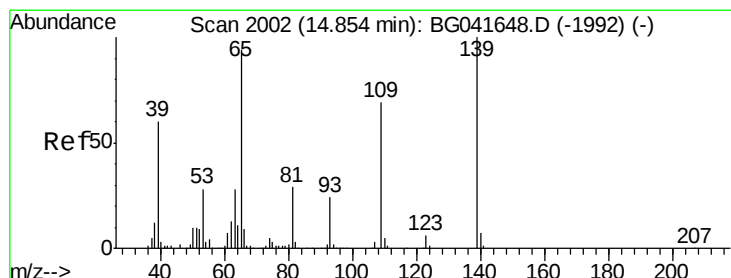
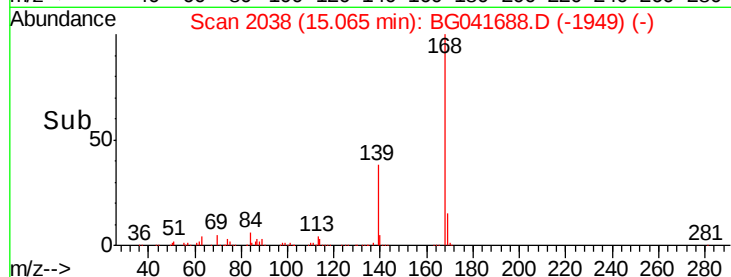
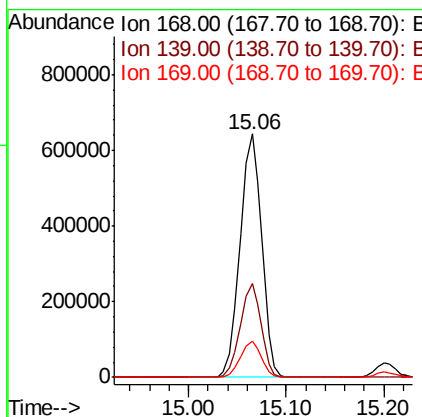
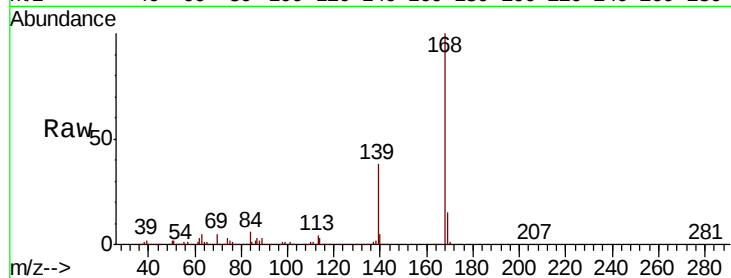
#55
Dibenzenofuran
Concen: 46.655 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.9	47.9
169	15.1	12.5	18.7

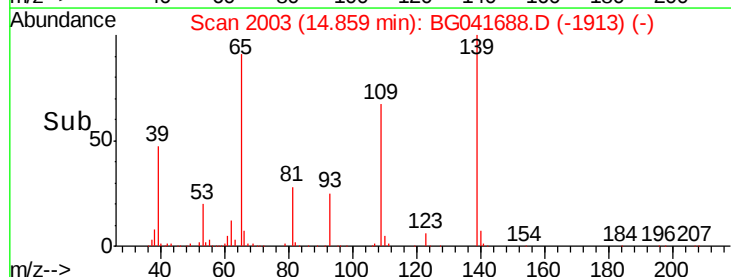
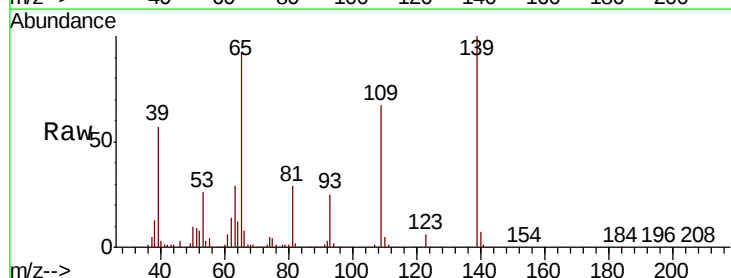
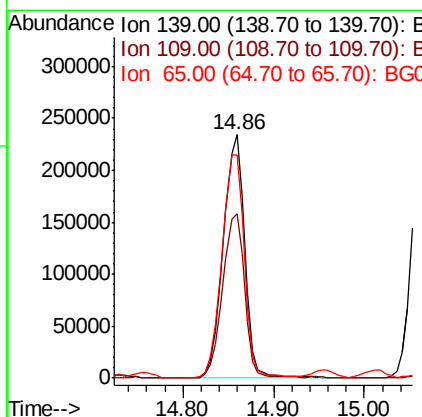
Manual Integrations
APPROVED

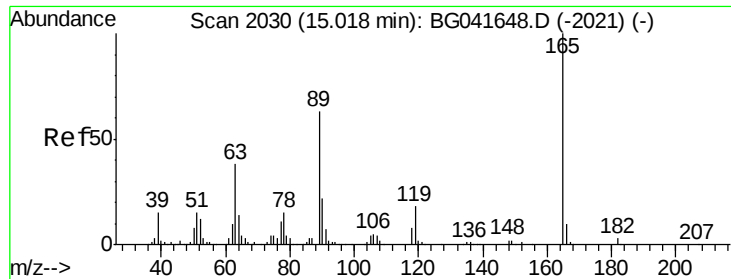
mohammad
7/19/2019 2:24:46 PM



#56
4-Nitrophenol
Concen: 113.430 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.5	51.3	91.3
65	91.8	77.6	117.6





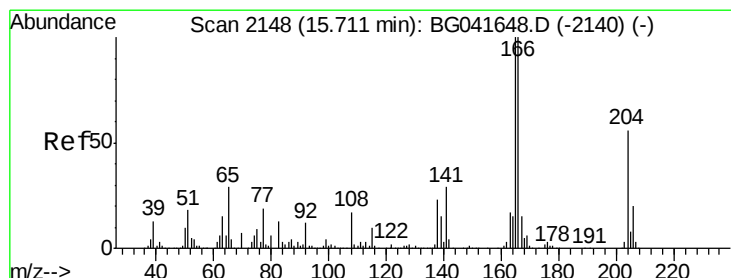
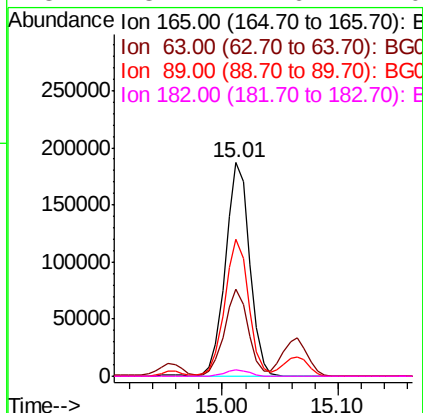
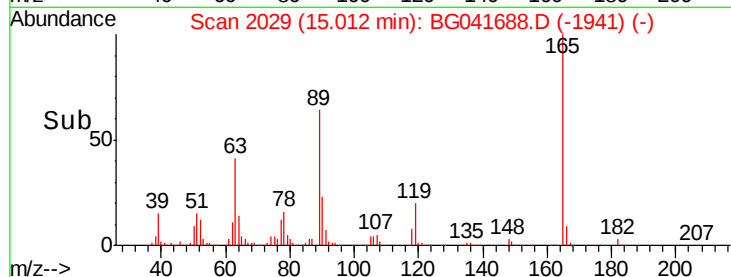
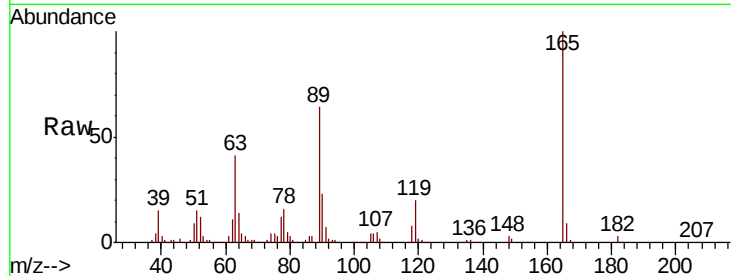
#57
 2,4-Dinitrotoluene
 Concen: 53.199 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		270165		
63	40.9	31.7	47.5		
89	64.3	50.2	75.4		
182	3.1	2.6	4.0		

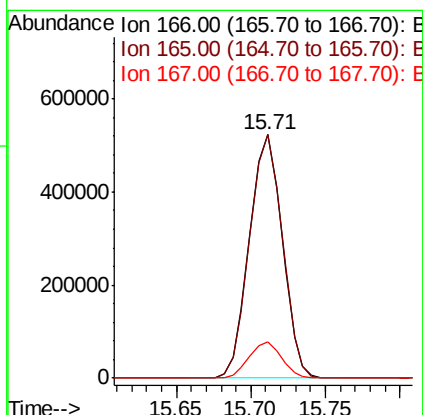
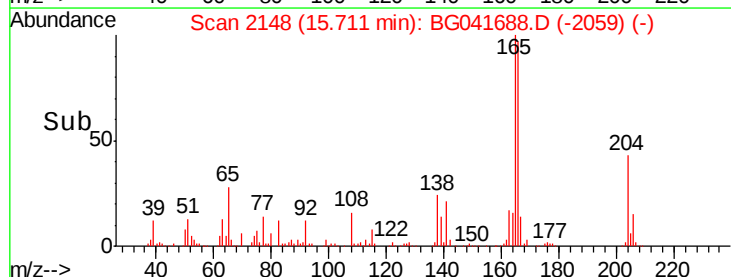
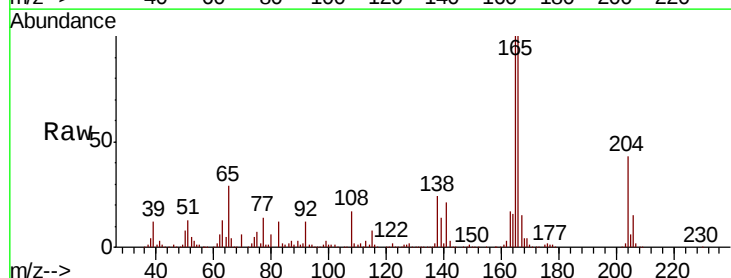
Manual Integrations
 APPROVED

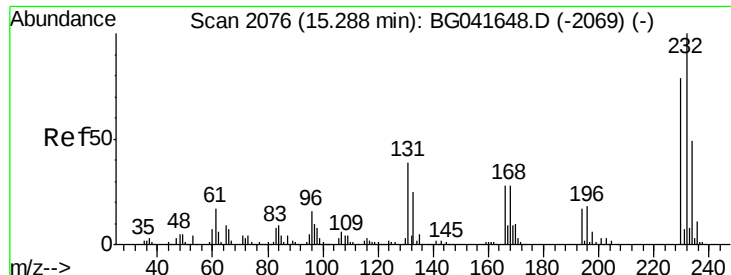
mohammad
 7/19/2019 2:24:46 PM



#58
 Fluorene
 Concen: 46.295 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		800725		
165	99.9	80.5	120.7		
167	15.1	12.4	18.6		





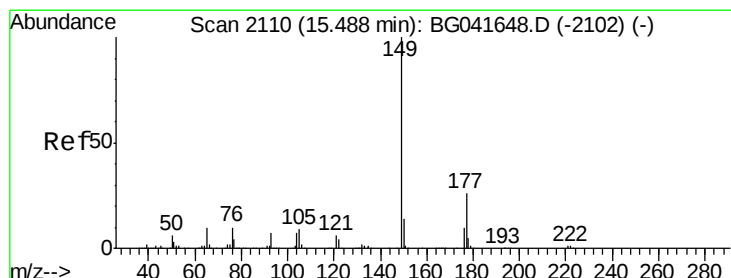
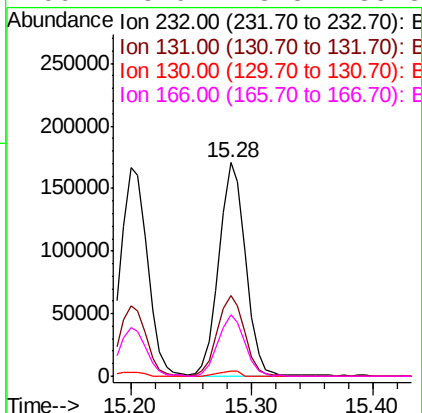
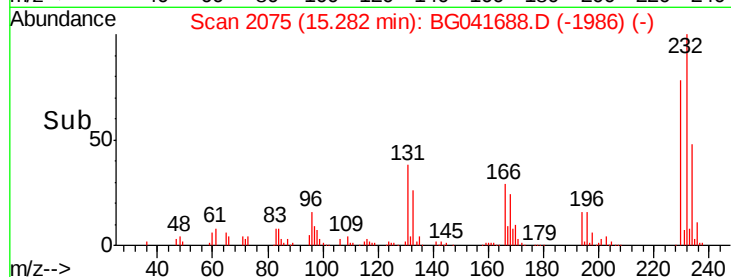
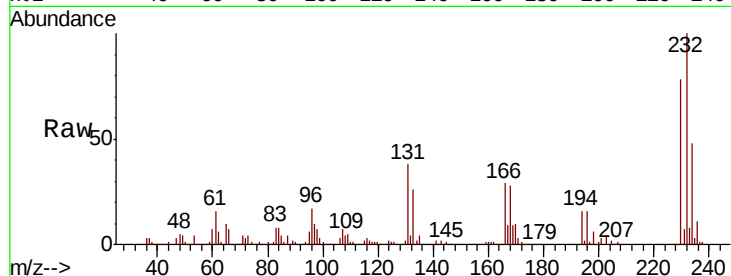
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.168 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	260446		
131	38.5		31.8	47.6
130	1.9		1.8	2.8
166	28.9		23.5	35.3

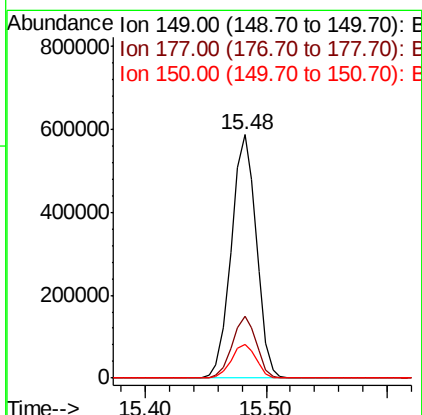
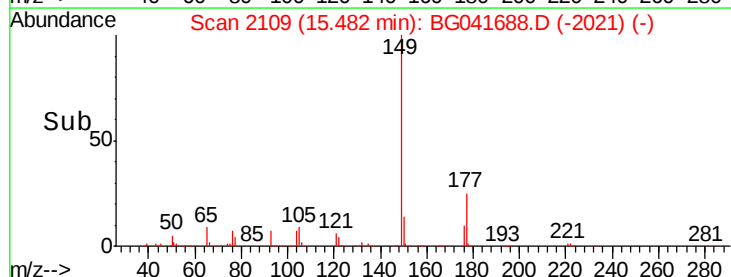
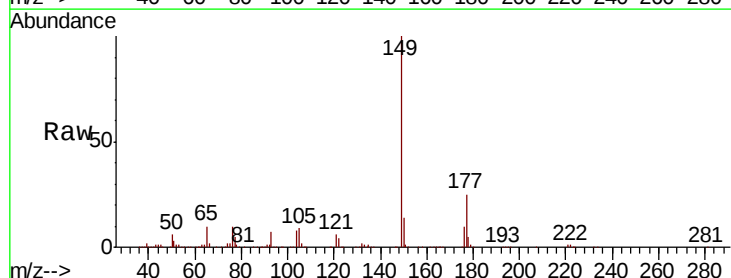
Manual Integrations
 APPROVED

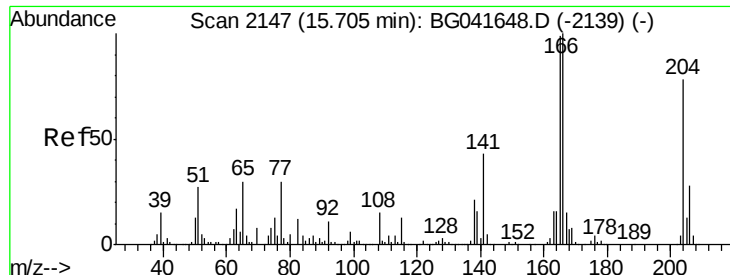
mohammad
 7/19/2019 2:24:46 PM



#60
 Diethylphthalate
 Concen: 46.465 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	847820		
177	25.5		20.7	31.1
150	13.9		11.5	17.3





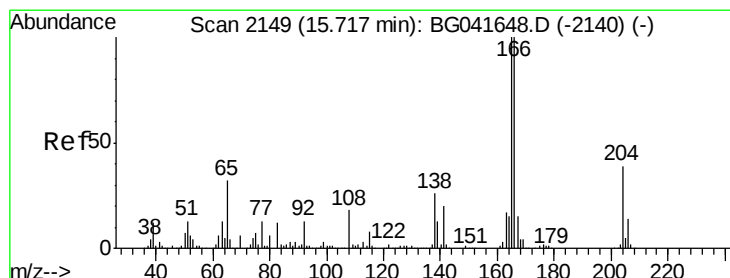
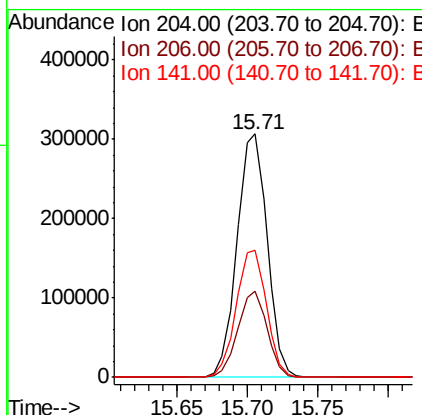
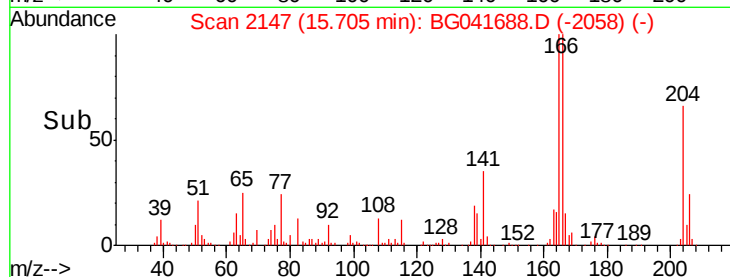
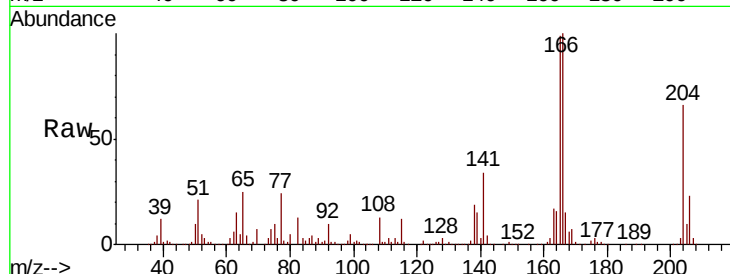
#61
 4-Chlorophenyl-phenylether
 Concen: 46.615 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion:	204	Resp:	455754
Ion Ratio	Lower	Upper	
204	100		
206	35.5	28.6	42.8
141	52.3	42.9	64.3

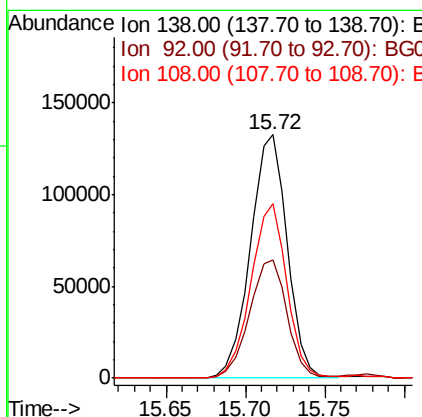
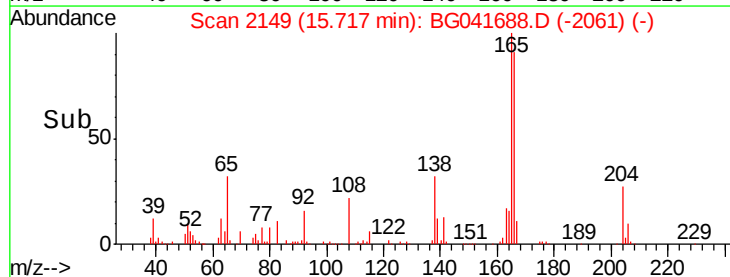
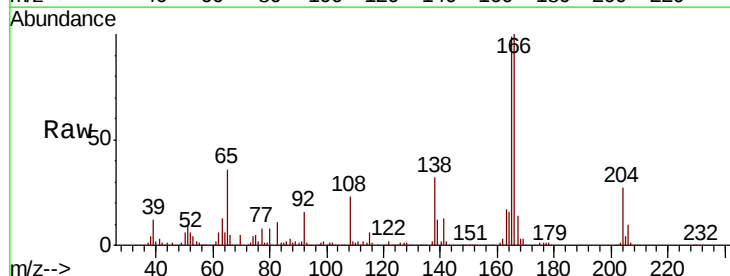
Manual Integrations
 APPROVED

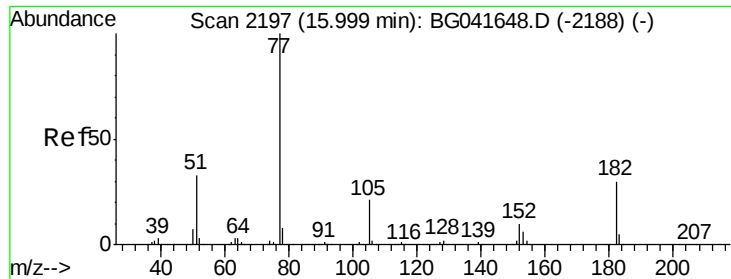
mohammad
 7/19/2019 2:24:46 PM



#62
 4-Nitroaniline
 Concen: 48.061 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion:	138	Resp:	213765
Ion Ratio	Lower	Upper	
138	100		
92	48.4	29.8	69.8
108	71.6	52.2	92.2





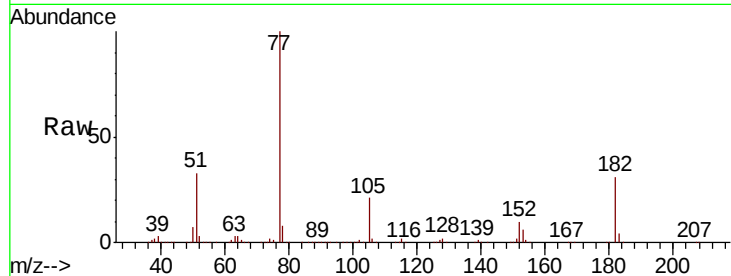
#63
Azobenzene
Concen: 46.081 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

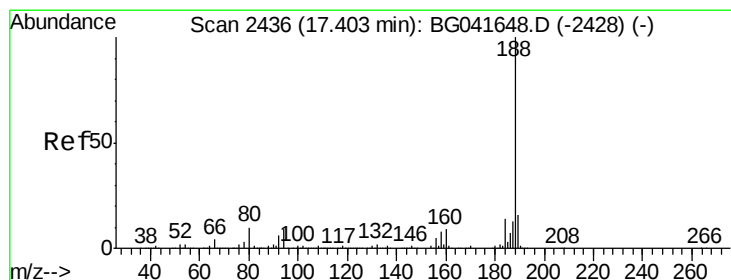
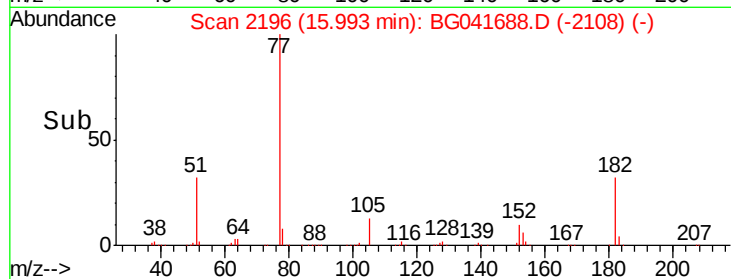
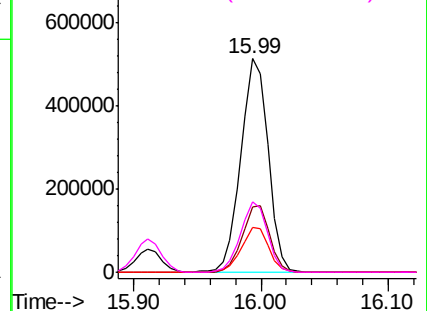
Tot Ion	Ratio	Resp	Lower	Upper
77	100	760167		
182	30.5	13.2	53.2	
105	21.2	2.2	42.2	
51	33.2	14.6	54.6	

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM

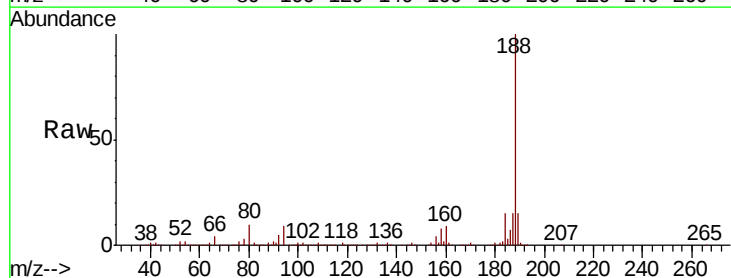


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

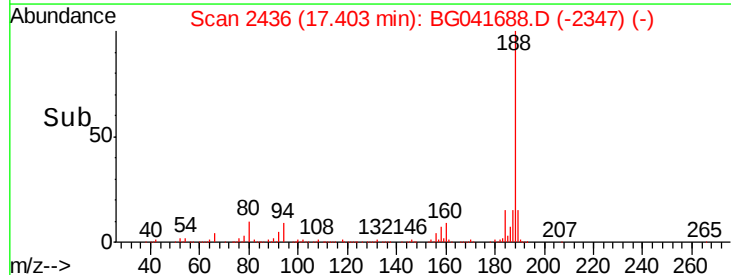
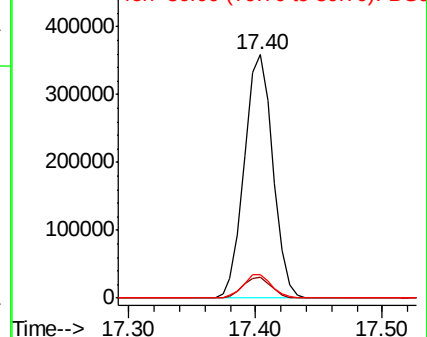


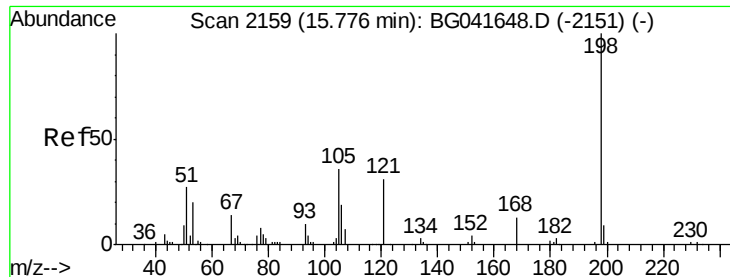
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	560425		
94	8.8	6.9	10.3	
80	9.8	8.0	12.0	



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





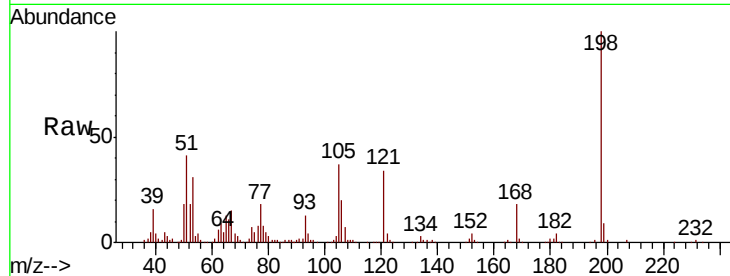
#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.277 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

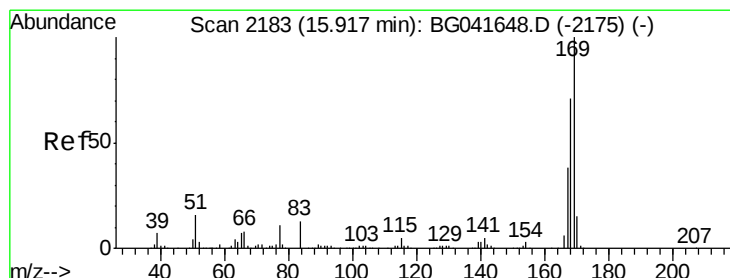
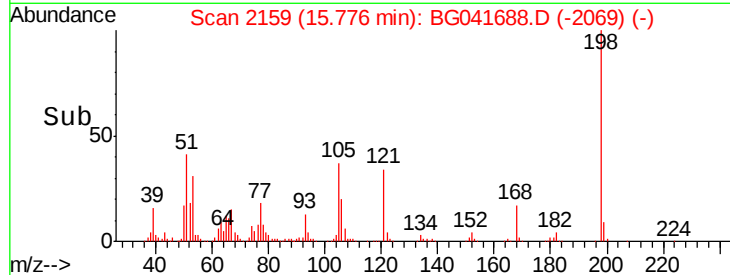
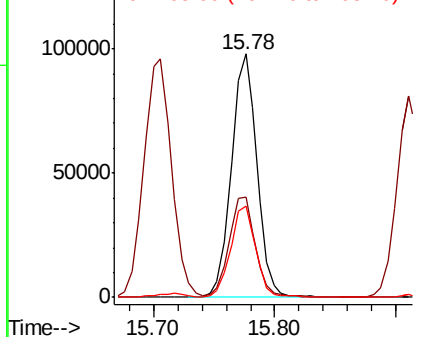
Tot Ion	Ratio	Resp	Lower	Upper
198	100	144007		
51	41.1	22.3	62.3	
105	37.3	18.0	58.0	

Manual Integrations
 APPROVED

mohammad
 7/19/2019 2:24:46 PM

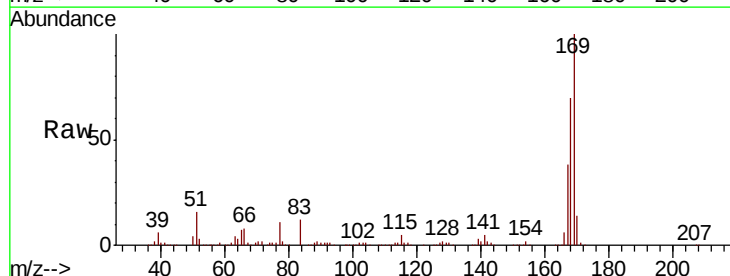


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

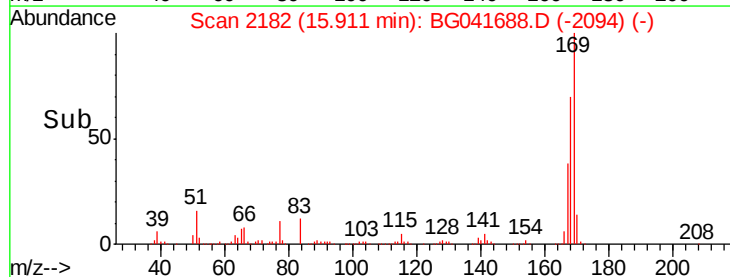
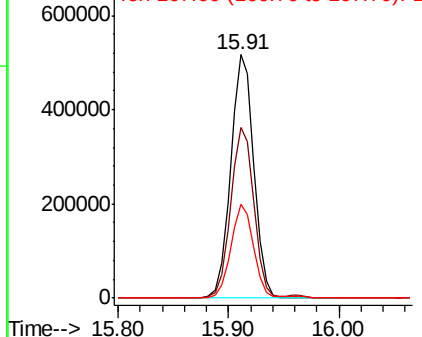


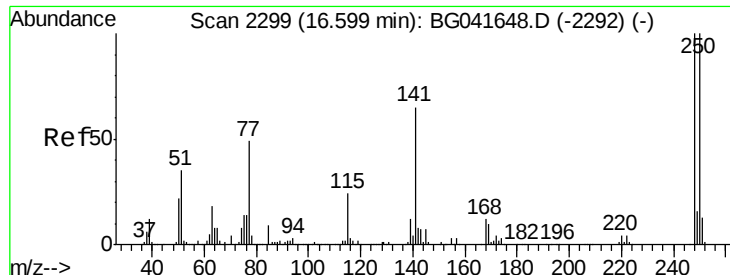
#66
 n-Nitrosodiphenylamine
 Concen: 45.804 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	753823		
168	69.8	56.9	85.3	
167	38.3	31.5	47.3	



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





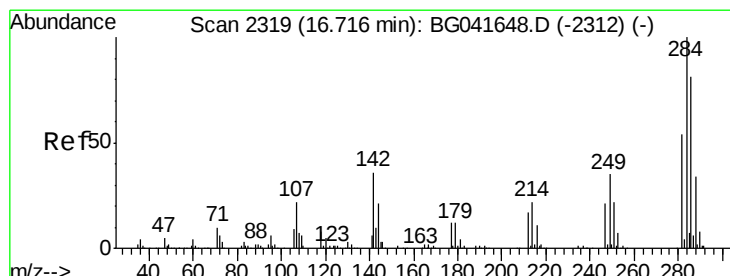
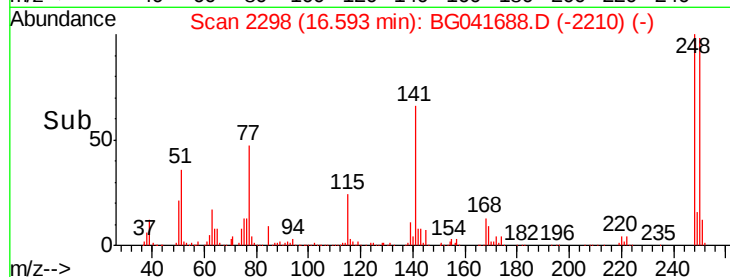
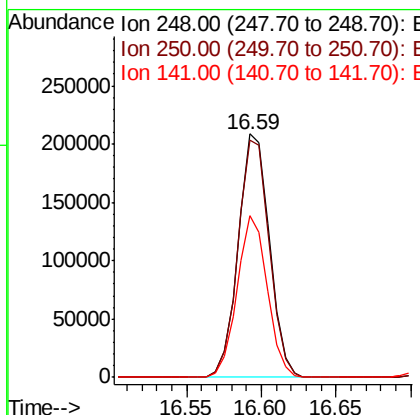
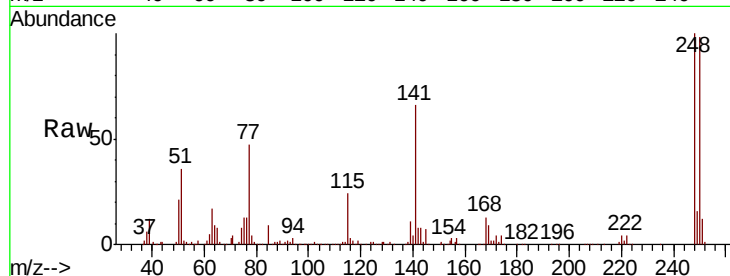
#67
 4-Bromophenyl-phenylether
 Concen: 45.217 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.1	117.1
141	66.2	49.6	74.4

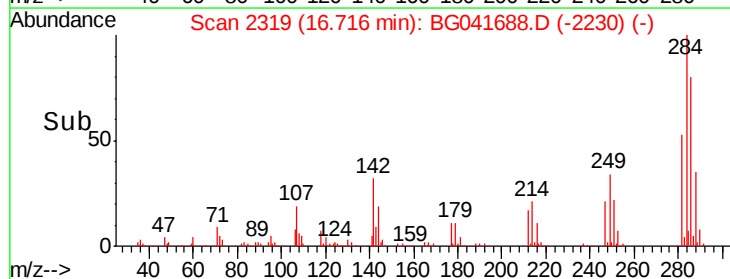
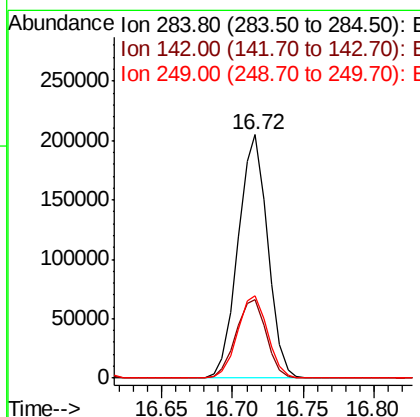
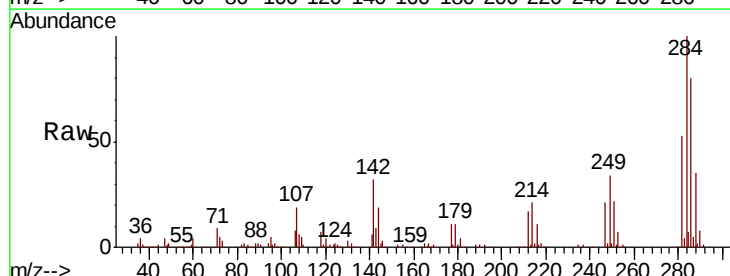
Manual Integrations
 APPROVED

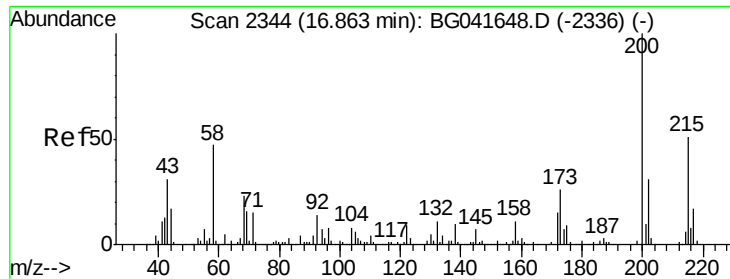
mohammad
 7/19/2019 2:24:46 PM



#68
 Hexachlorobenzene
 Concen: 44.535 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	27.0	40.6
249	33.9	28.4	42.6





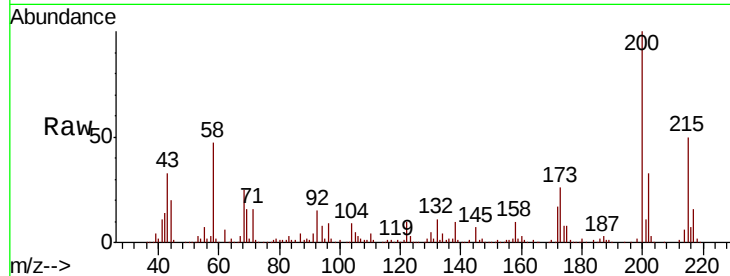
#69
Atrazine
Concen: 48.198 ng
RT: 16.86 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampled :
PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	287862		
173	26.0	5.3	45.3	
215	50.4	31.8	71.8	

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM

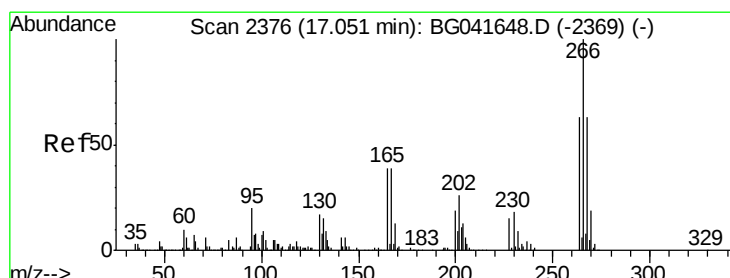
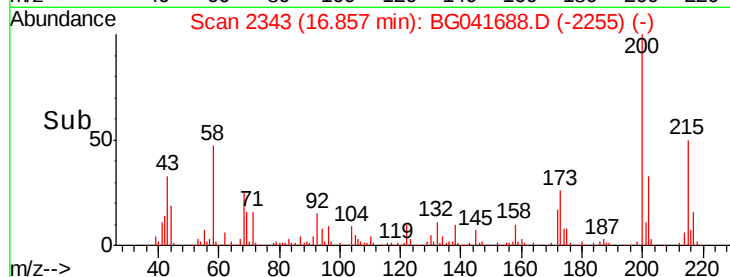
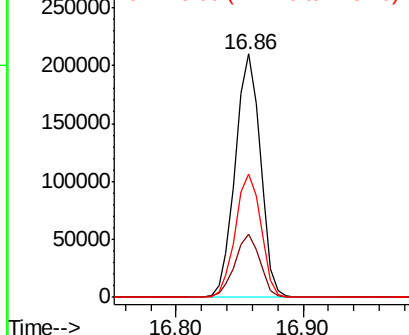


Abundance

Ion 200.00 (199.70 to 200.70): E

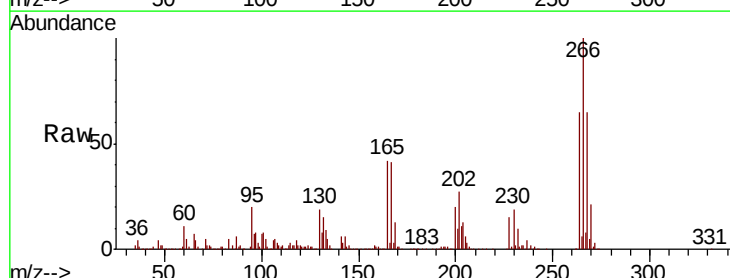
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 101.551 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	426372		
268	65.3	52.9	79.3	
264	65.3	51.4	77.2	

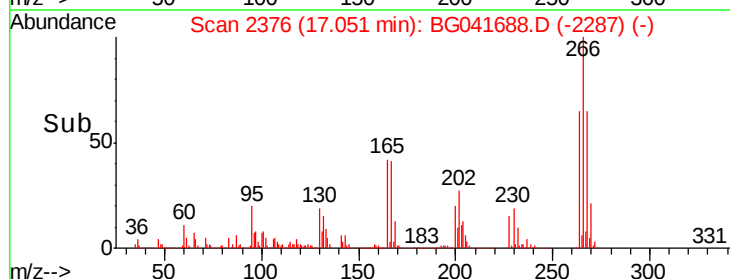
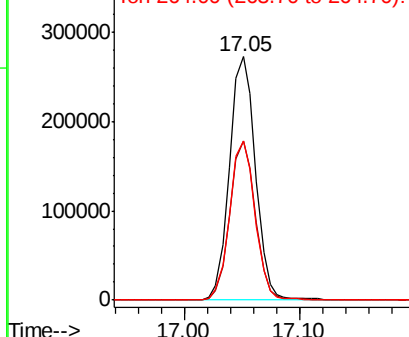


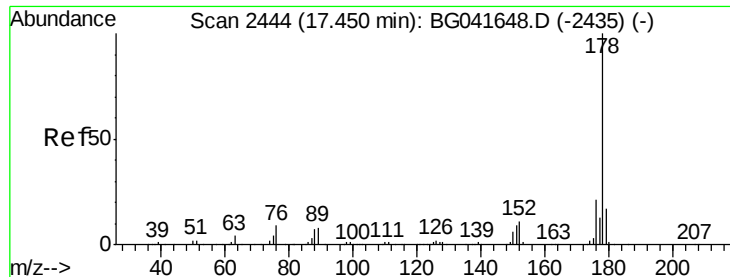
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





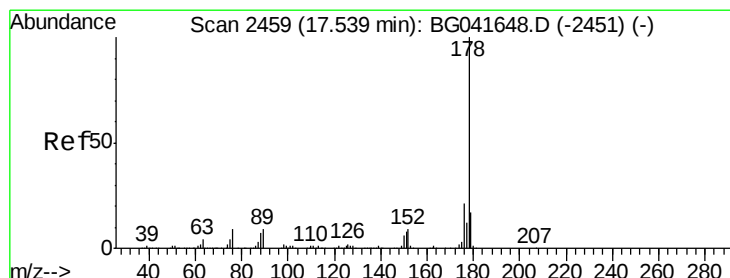
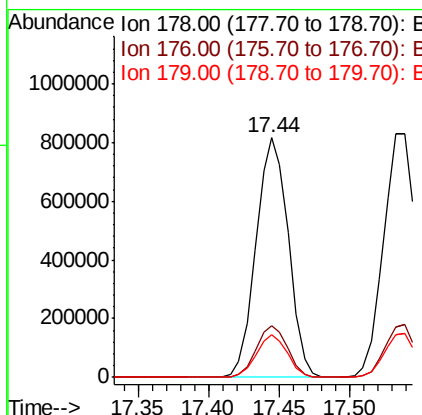
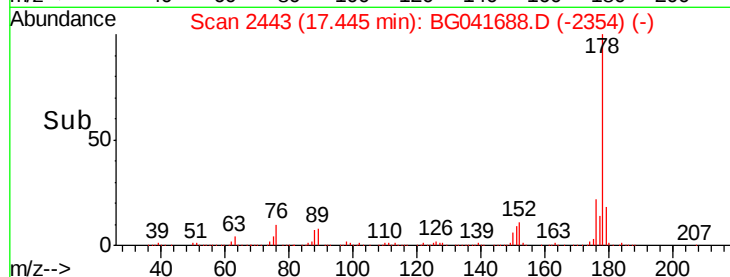
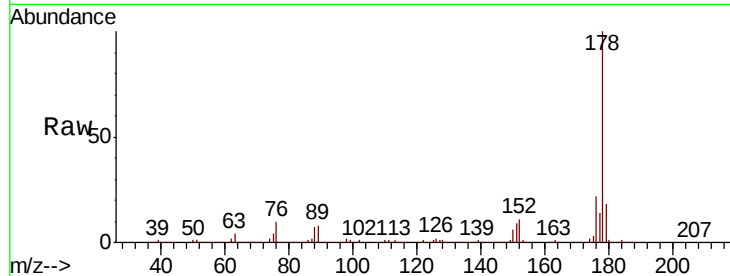
#71
Phenanthrene
Concen: 46.460 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion:178 Resp: 1311256
Ion Ratio Lower Upper
178 100
176 21.7 18.6 28.0
179 17.8 15.4 23.0

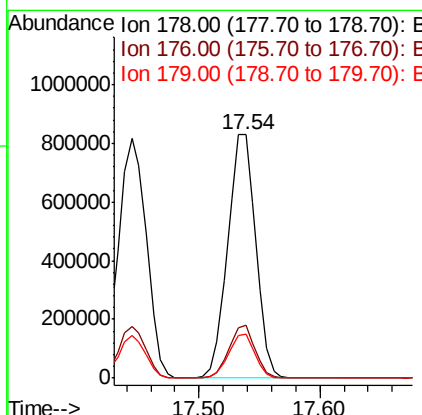
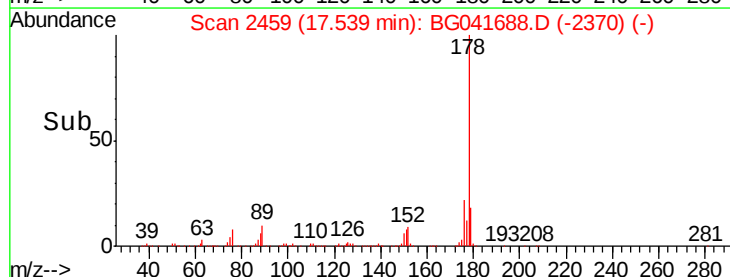
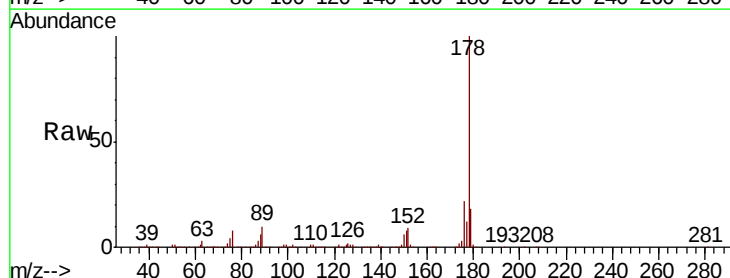
Manual Integrations
APPROVED

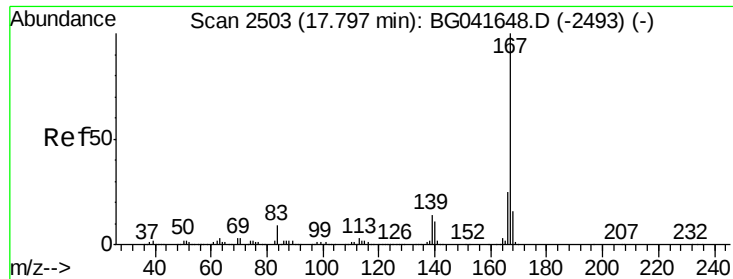
mohammad
7/19/2019 2:24:46 PM



#72
Anthracene
Concen: 47.590 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion:178 Resp: 1338837
Ion Ratio Lower Upper
178 100
176 21.8 18.6 28.0
179 18.0 15.1 22.7





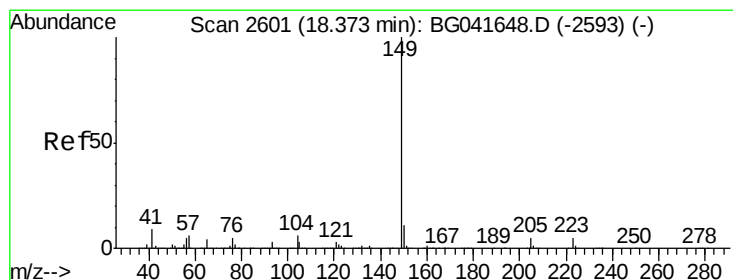
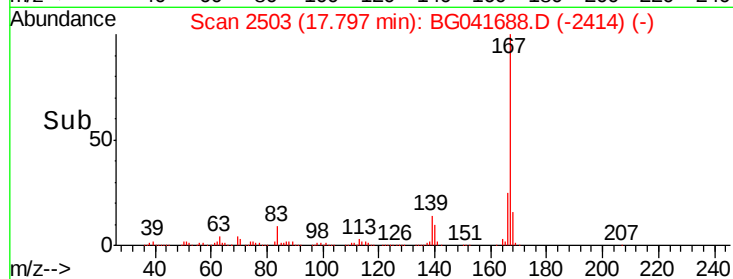
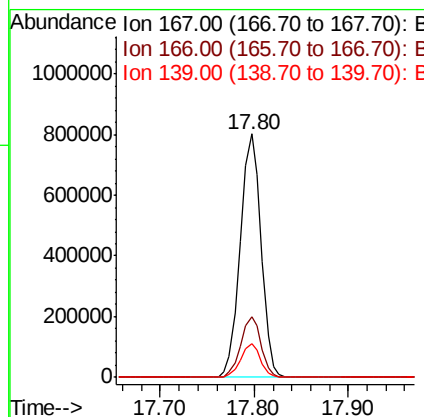
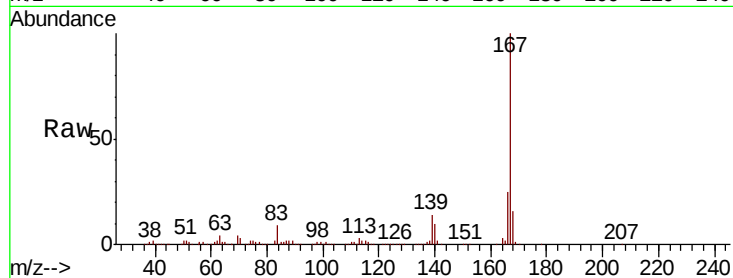
#73
 Carbazole
 Concen: 47.219 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.1	21.4	32.2
139	13.8	12.1	18.1

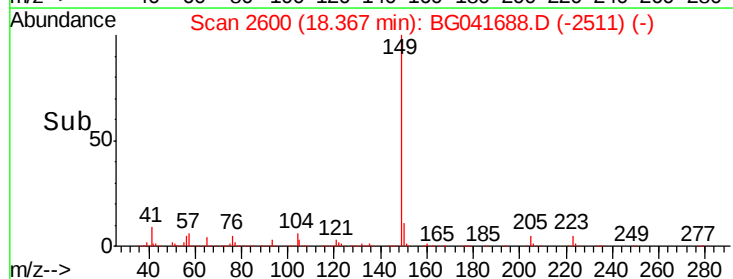
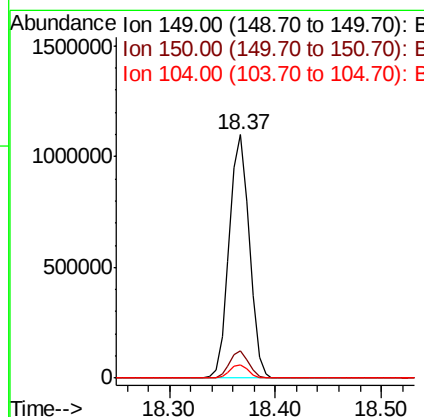
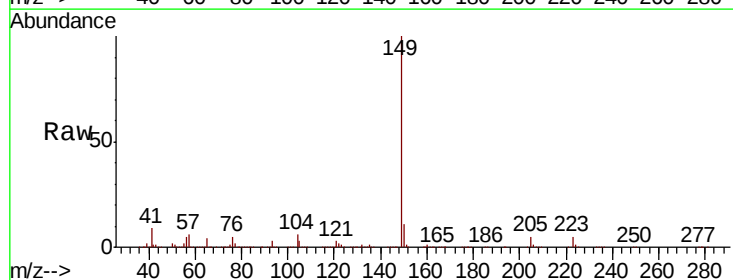
Manual Integrations
 APPROVED

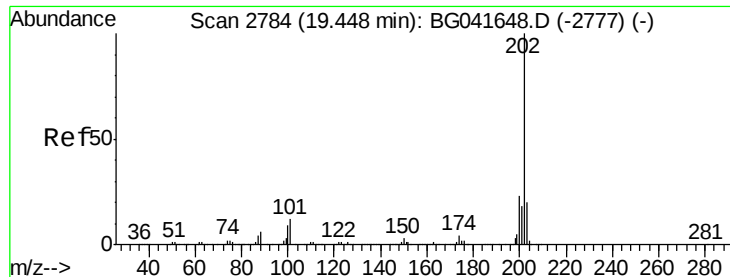
mohammad
 7/19/2019 2:24:46 PM



#74
 Di-n-butylphthalate
 Concen: 45.485 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	10.2	15.2
104	5.6	5.3	7.9





#75

Fluoranthene

Concen: 46.378 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

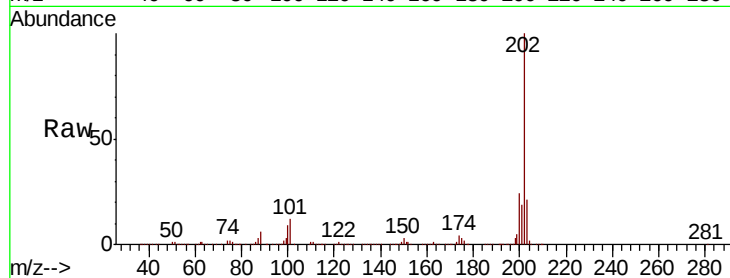
ClientSampled :

PB121214BSD

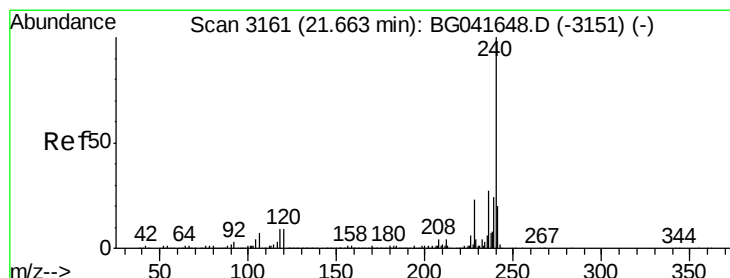
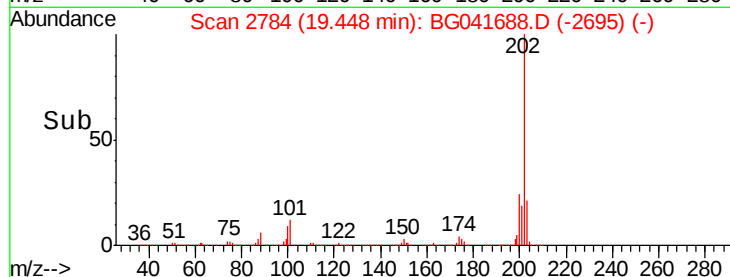
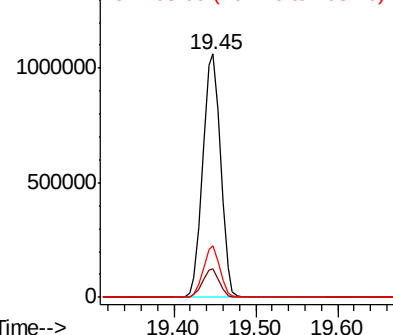
Tot Ion:	202	Resp:	1607236
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.8
203	21.3	3.7	43.7

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 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

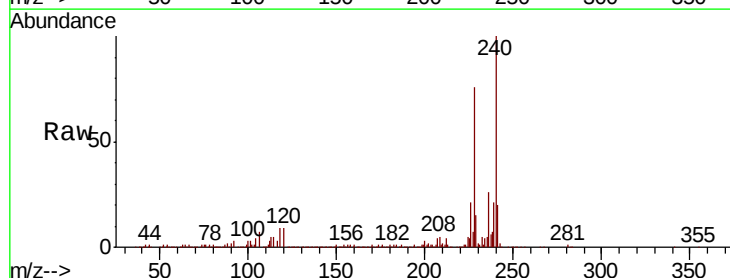
RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

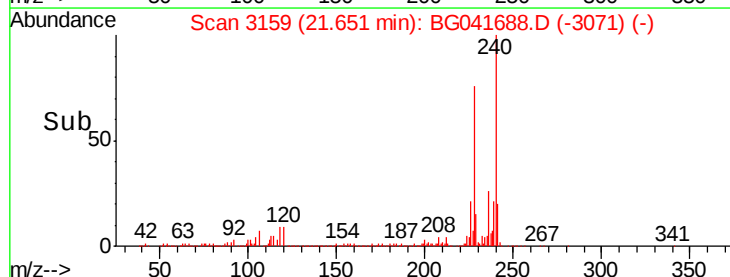
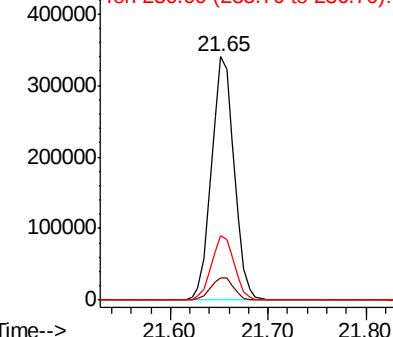
Lab File: BG041688.D

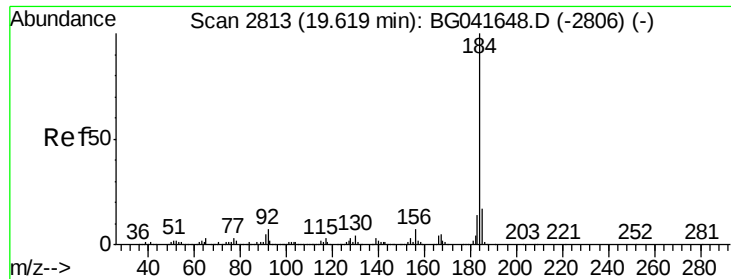
Acq: 17 Jul 2019 14:07

Tgt Ion:	240	Resp:	545811
Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.0	12.0
236	26.4	22.6	33.8



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: 43.757 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

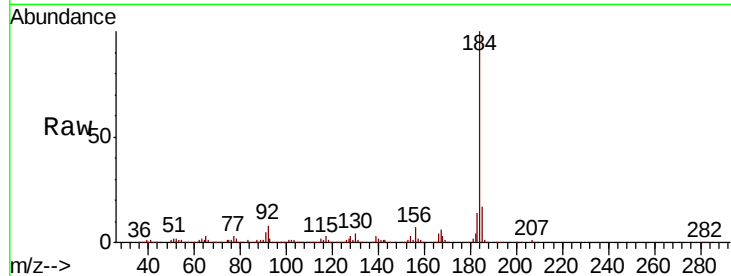
ClientSampleId :

PB121214BSD

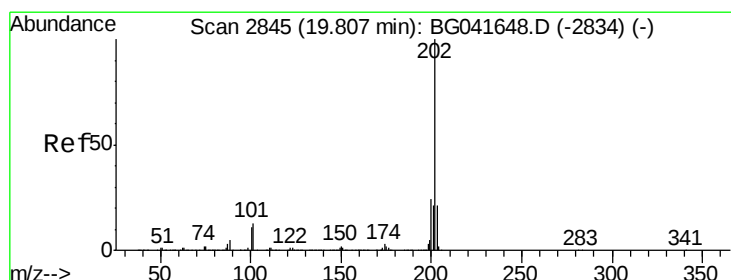
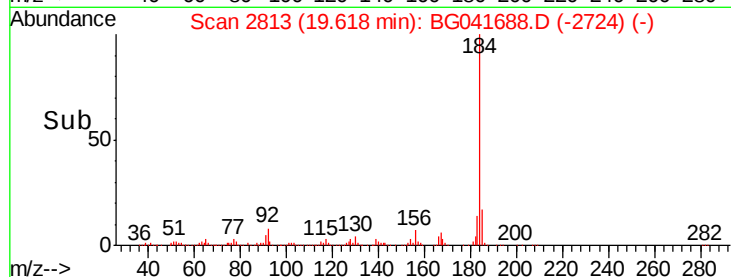
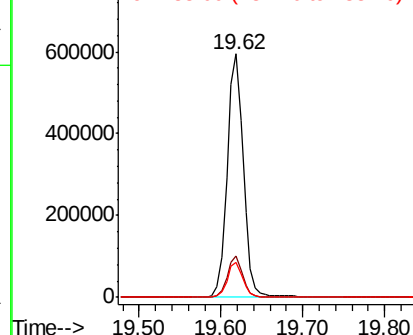
Tot Ion:	184	Resp:	821634
Ion Ratio	Lower	Upper	
184	100		
185	16.9	13.0	19.4
183	14.5	11.8	17.6

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM



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



#78

Pyrene

Concen: 43.300 ng

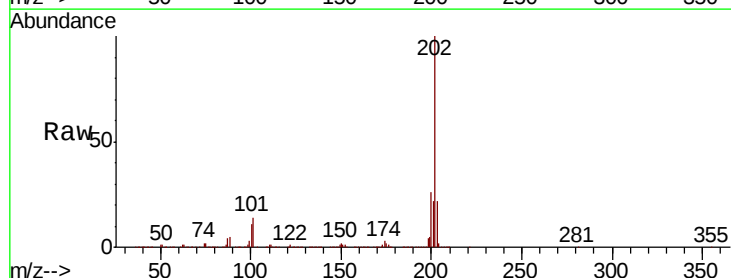
RT: 19.81 min Scan# 2845

Delta R.T. -0.00 min

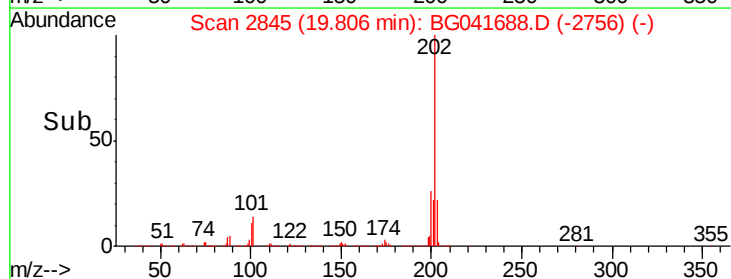
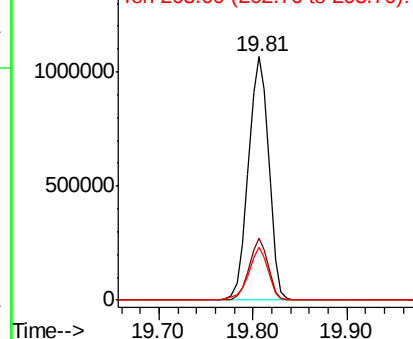
Lab File: BG041688.D

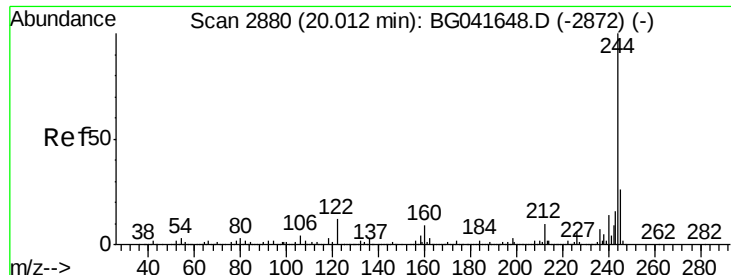
Acq: 17 Jul 2019 14:07

Tgt Ion:	202	Resp:	1598416
Ion Ratio	Lower	Upper	
202	100		
200	25.5	22.2	33.2
203	21.6	18.9	28.3



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





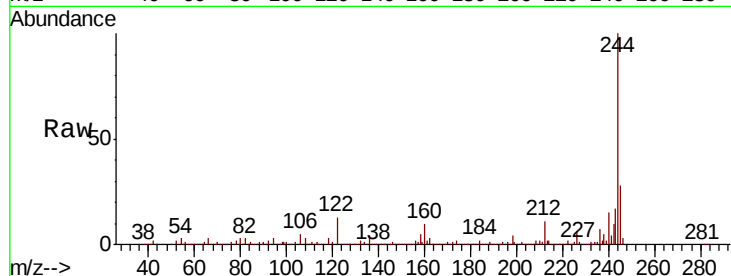
#79
 Terphenyl-d14
 Concen: 90.238 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB121214BSD

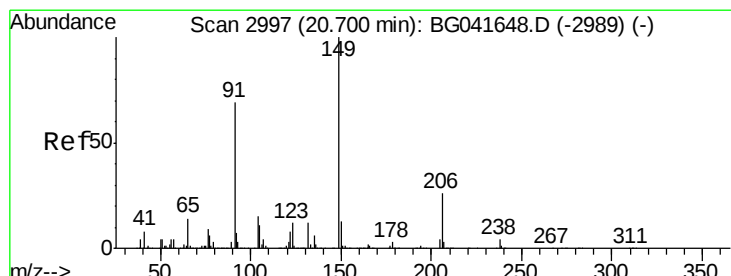
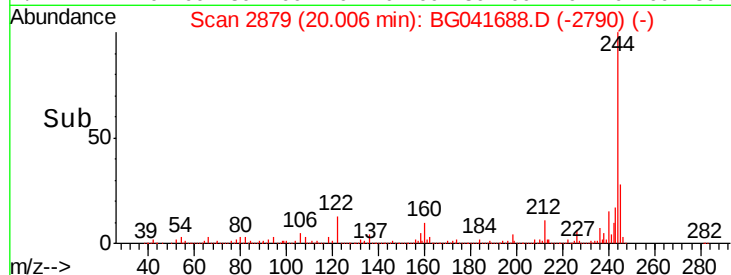
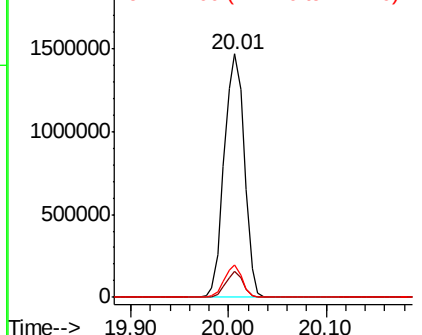
Tot Ion	Ratio	Lower	Upper
244	100		
212	10.6	9.7	14.5
122	13.2	12.5	18.7

Manual Integrations
 APPROVED

mohammad
 7/19/2019 2:24:46 PM

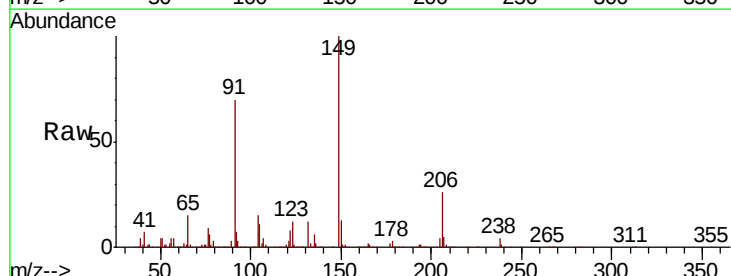


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

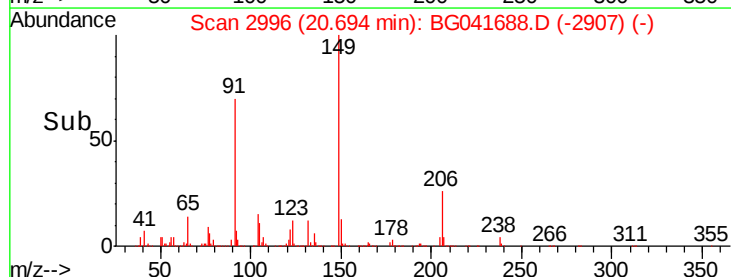
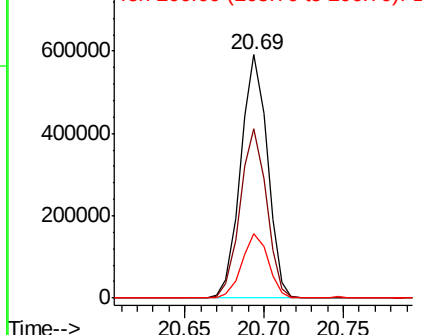


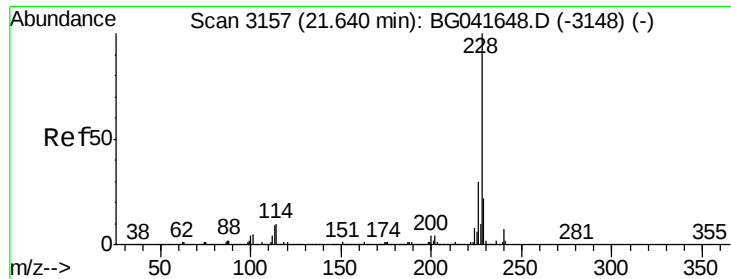
#80
 Butylbenzylphthalate
 Concen: 45.295 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG041688.D
 Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.7	58.9	88.3
206	26.3	20.8	31.2



Abundance Ion 149.00 (148.70 to 149.70): E
 800000
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.760 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

Tot Ion:228 Resp: 1578466

Ion Ratio Lower Upper

228 100

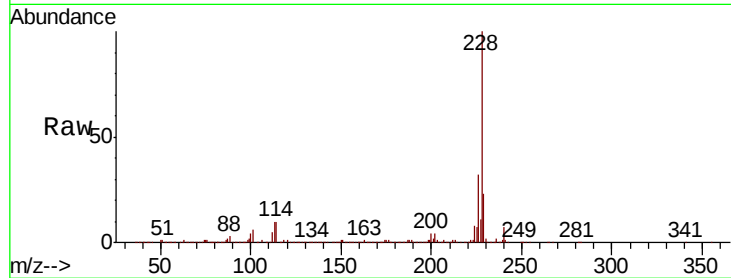
226 32.1 27.3 40.9

229 23.5 19.7 29.5

Manual Integrations
APPROVED

mohammad

7/19/2019 2:24:46 PM

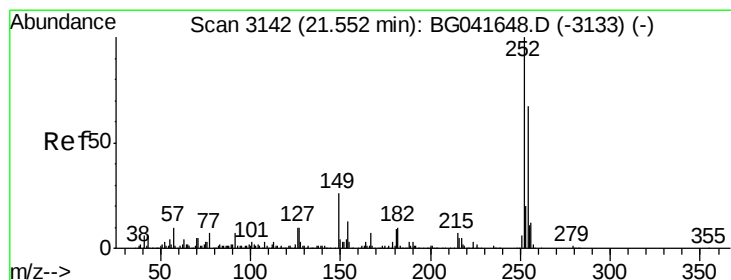
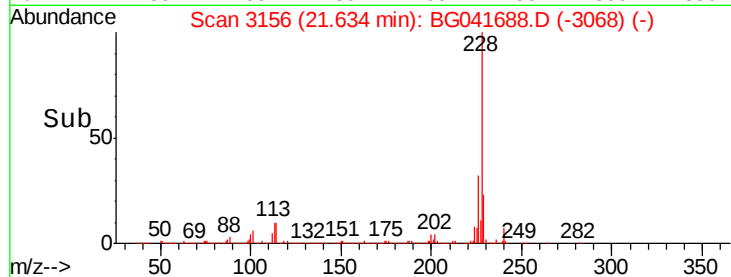
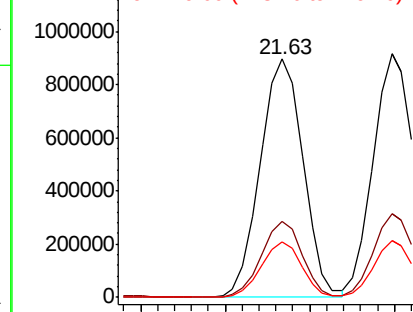


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.071 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

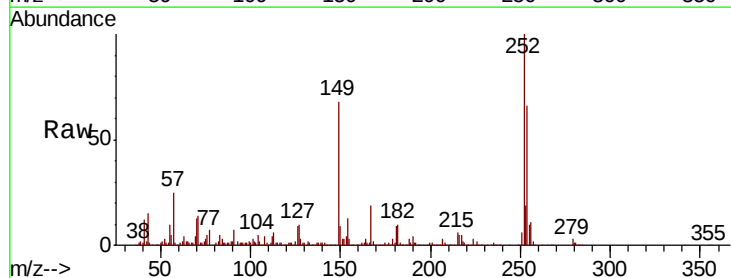
Tgt Ion:252 Resp: 514439

Ion Ratio Lower Upper

252 100

254 66.1 53.8 80.6

126 9.3 7.8 11.8

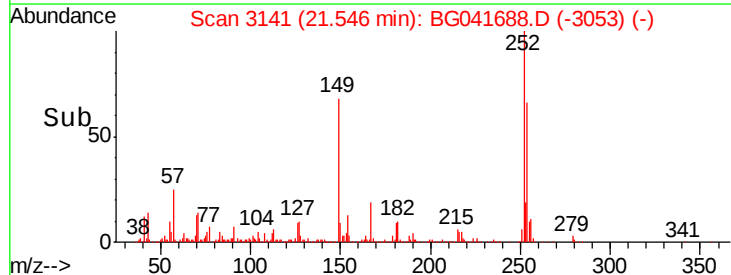
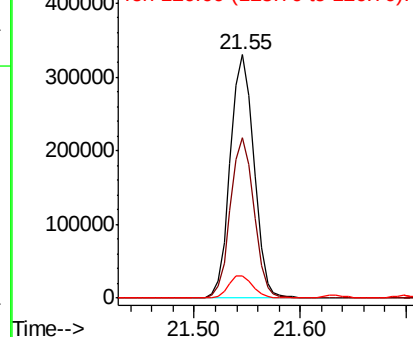


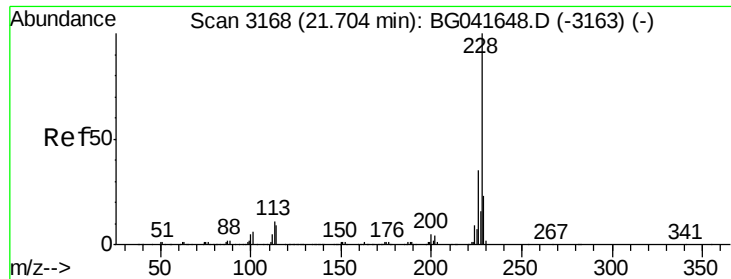
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





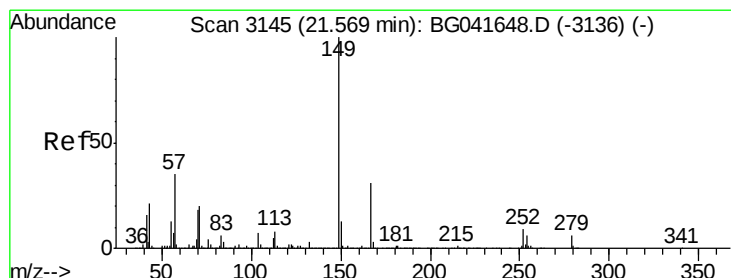
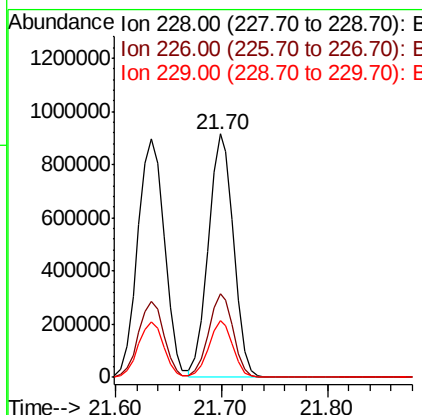
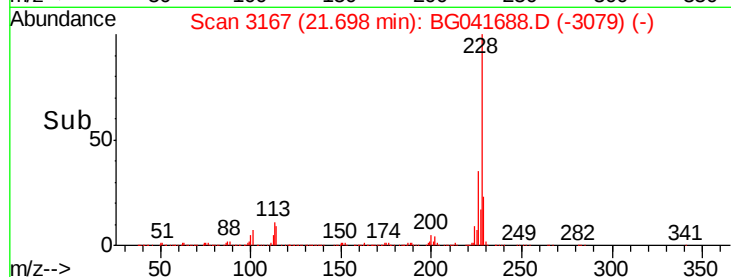
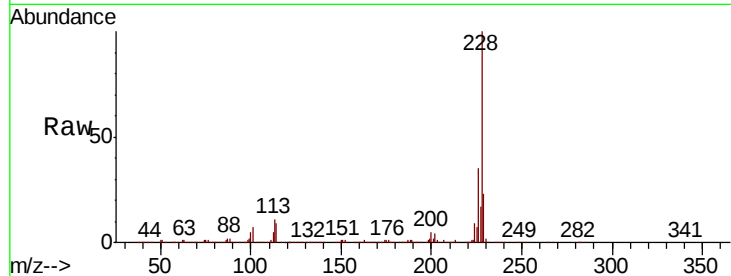
#83
Chrysene
Concen: 45.167 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion:228 Resp: 1521994
Ion Ratio Lower Upper
228 100
226 34.6 30.1 45.1
229 23.4 19.8 29.6

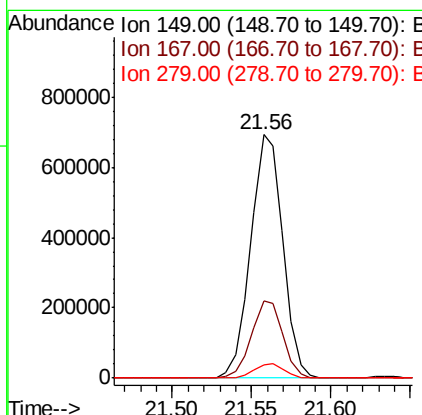
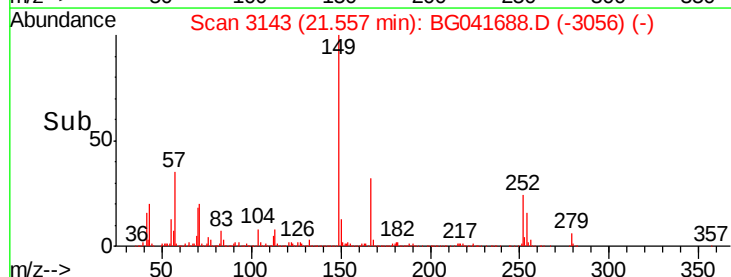
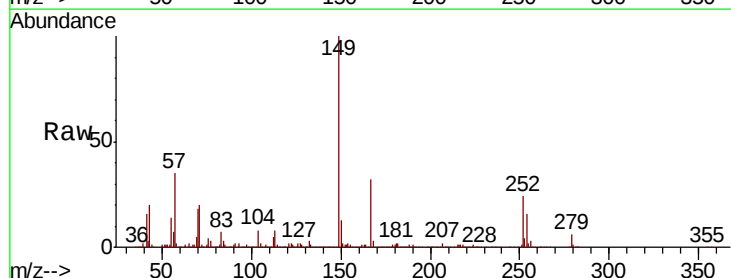
Manual Integrations
APPROVED

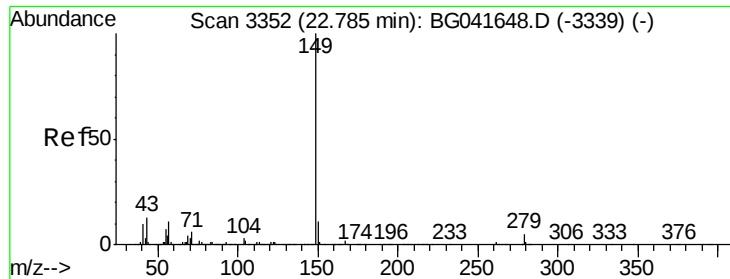
mohammad
7/19/2019 2:24:46 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.999 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion:149 Resp: 974601
Ion Ratio Lower Upper
149 100
167 31.7 27.0 40.4
279 5.6 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 45.704 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.02 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB121214BSD

Tot Ion:149 Resp: 1685749

Ion Ratio Lower Upper

149 100

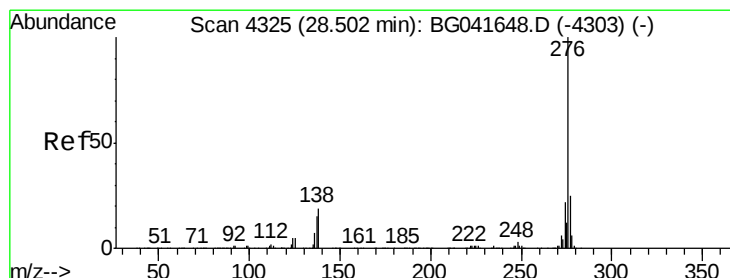
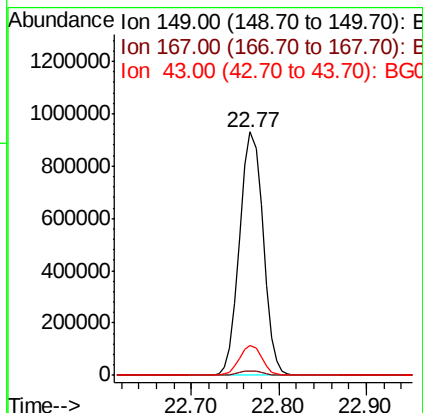
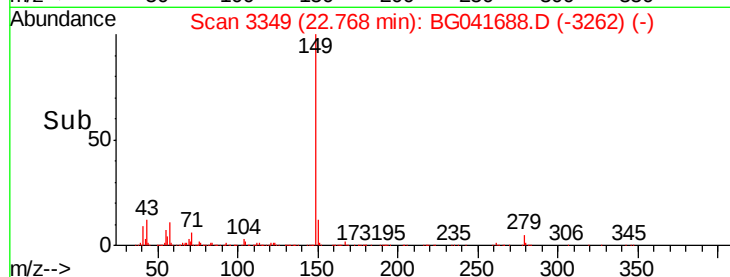
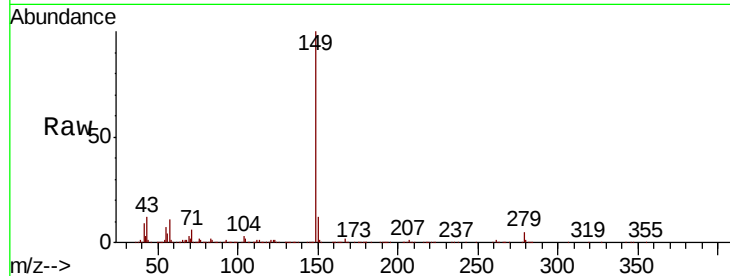
167 1.9 1.6 2.4

43 11.7 10.6 16.0

Manual Integrations
APPROVED

mohammad

7/19/2019 2:24:46 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.713 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.03 min

Lab File: BG041688.D

Acq: 17 Jul 2019 14:07

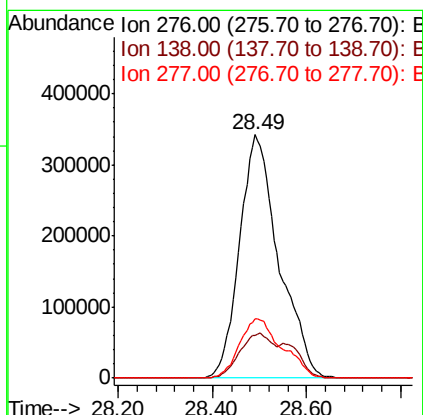
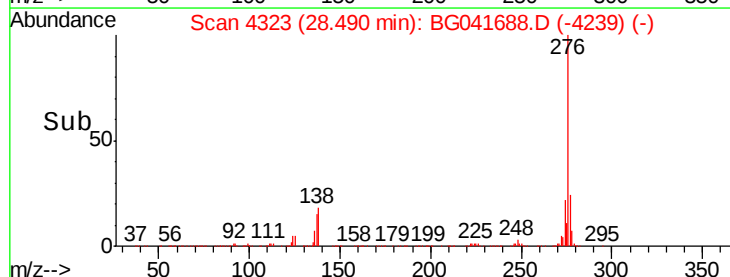
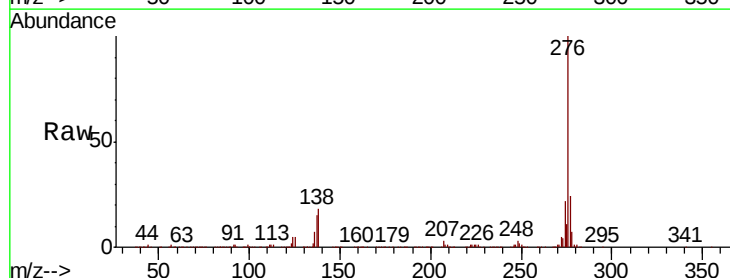
Tgt Ion:276 Resp: 1988059

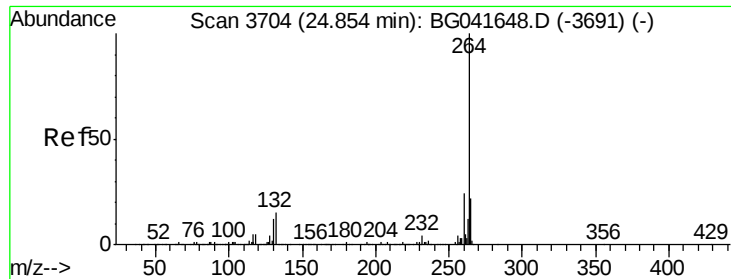
Ion Ratio Lower Upper

276 100

138 15.6 19.4 29.0#

277 26.5 21.2 31.8





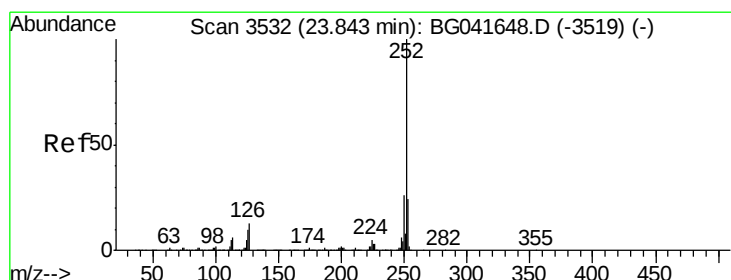
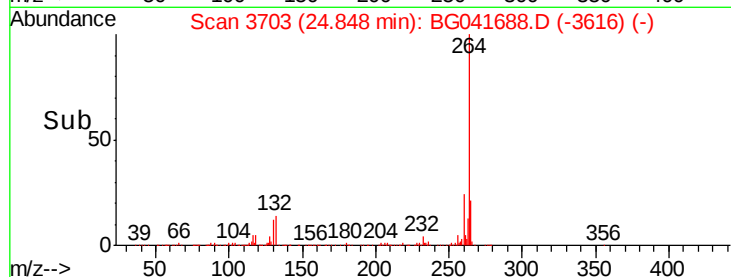
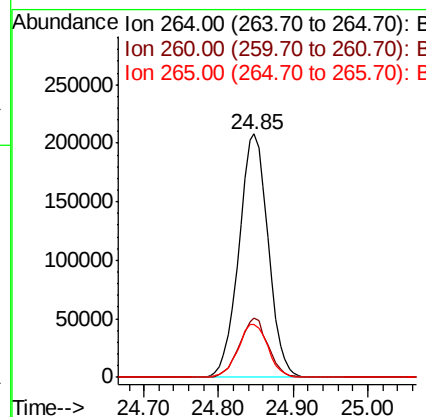
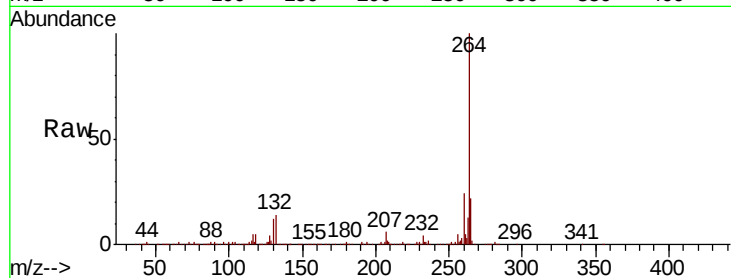
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.6	18.0	27.0

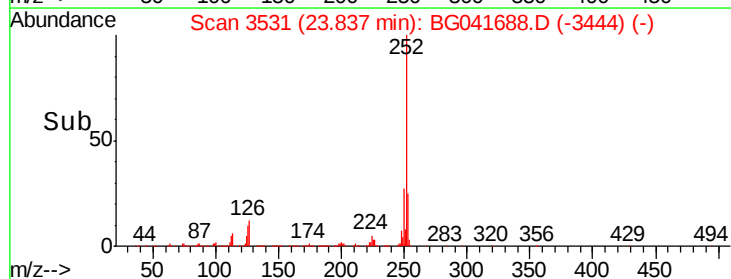
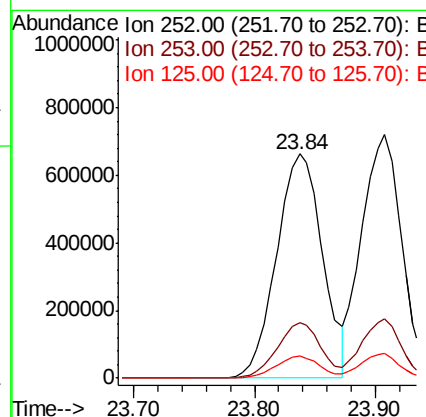
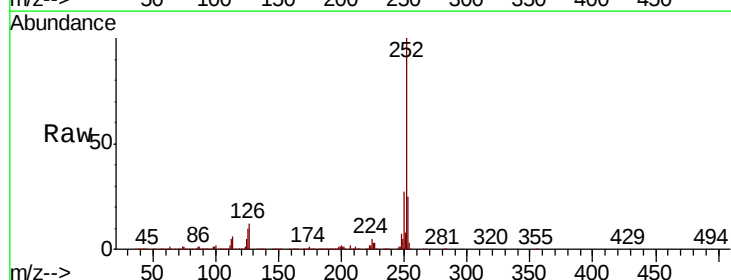
Manual Integrations
APPROVED

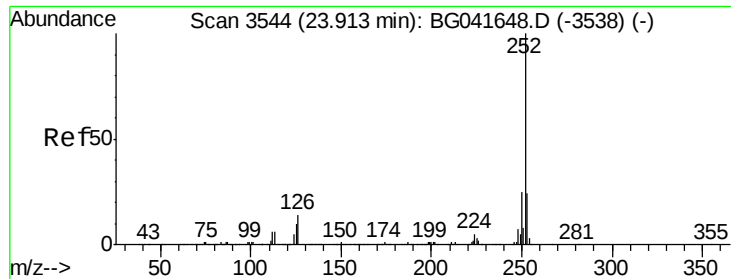
mohammad
7/19/2019 2:24:46 PM



#88
Benzo(b)fluoranthene
Concen: 50.813 ng
RT: 23.84 min Scan# 3531
Delta R.T. -0.02 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.6	30.8
125	9.8	8.0	12.0





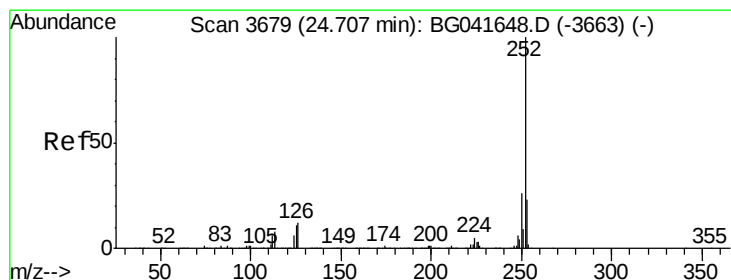
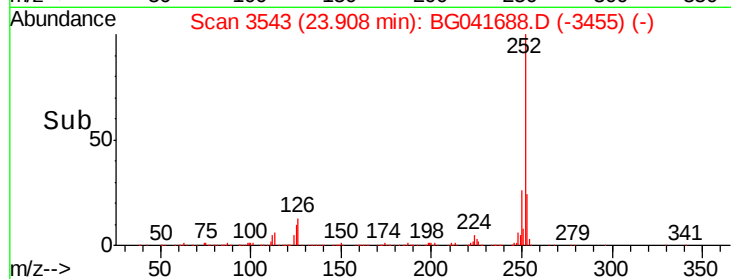
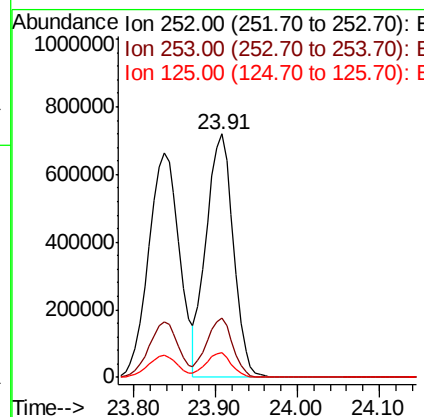
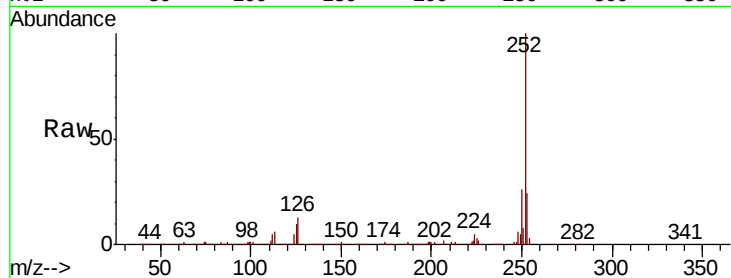
#89
Benzo(k)fluoranthene
Concen: 52.291 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.5	30.7
125	10.0	8.4	12.6

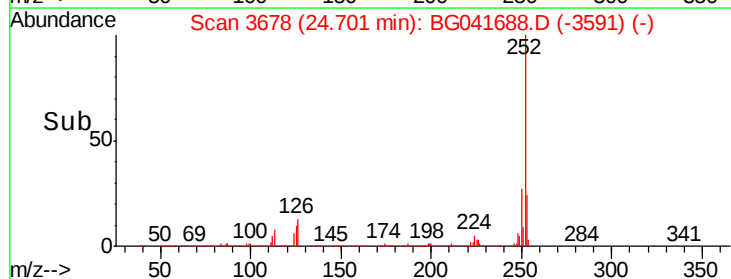
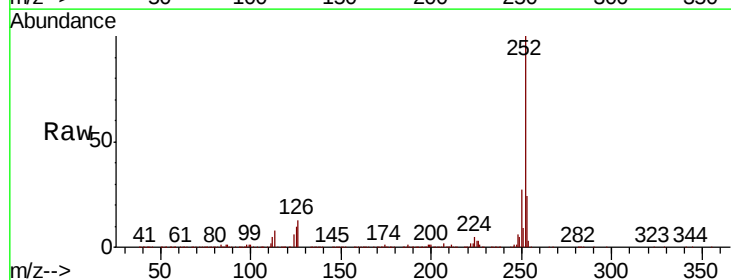
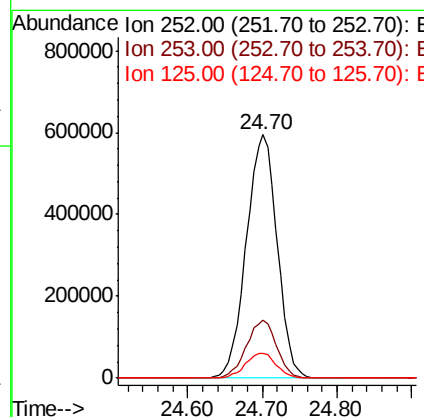
Manual Integrations
APPROVED

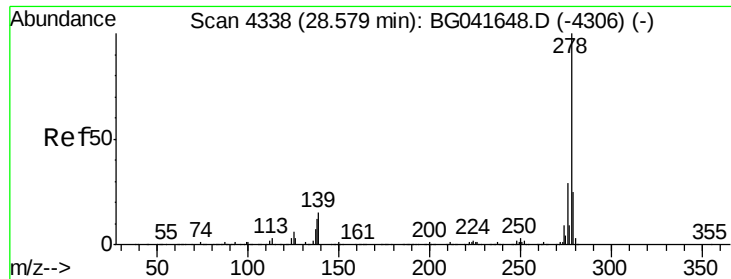
mohammad
7/19/2019 2:24:46 PM



#90
Benzo(a)pyrene
Concen: 52.608 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.8
125	10.4	8.8	13.2





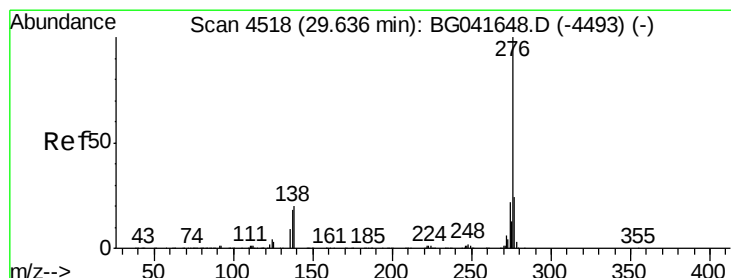
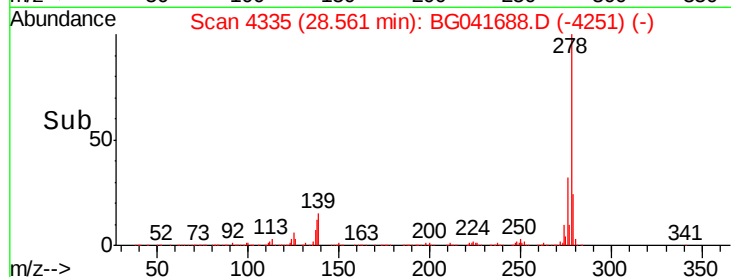
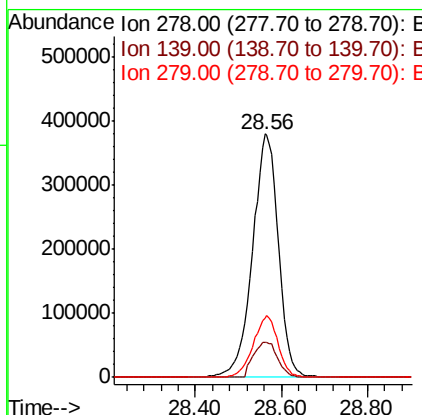
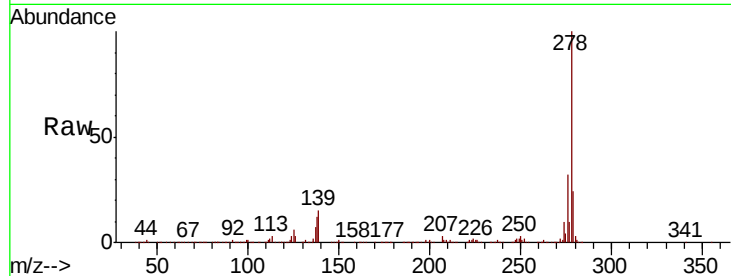
#91
Dibenzo(a,h)anthracene
Concen: 51.876 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.03 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.6	19.0
279	24.4	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:46 PM



#92
Benzo(g,h,i)perylene
Concen: 51.913 ng
RT: 29.63 min Scan# 4517
Delta R.T. -0.03 min
Lab File: BG041688.D
Acq: 17 Jul 2019 14:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	20.1	16.6	25.0

