

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043697.D
 Acq On : 19 Nov 2019 14:22
 Operator : JU
 Sample : PB124838BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124838BS

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:08 AM

Quant Time: Nov 19 15:39:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29585	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	128696	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	96896	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	233733	20.00	ng	0.00
76) Chrysene-d12	21.64	240	258529	20.00	ng	0.00
87) Perylene-d12	24.81	264	298062	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	190925	118.26	ng	0.00
7) Phenol-d6	7.19	99	263926	113.62	ng	0.00
23) Nitrobenzene-d5	9.15	82	144978	58.08	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	172087	93.33	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	398983	56.90	ng	0.00
79) Terphenyl-d14	19.98	244	811003	58.85	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	18369	29.196	ng	89
3) Pyridine	3.85	79	49979	31.491	ng	90
4) n-Nitrosodimethylamine	3.76	42	37361	46.651	ng	# 96
6) Aniline	7.32	93	88629	33.121	ng	94
8) 2-Chlorophenol	7.57	128	76764	43.072	ng	96
9) Benzaldehyde	7.13	77	38374	33.615	ng	92
10) Phenol	7.21	94	94323	44.436	ng	96
11) bis(2-Chloroethyl)ether	7.41	93	63379	38.620	ng	91
12) 1,3-Dichlorobenzene	7.88	146	81797	36.631	ng	97
13) 1,4-Dichlorobenzene	8.02	146	86258	38.180	ng	93
14) 1,2-Dichlorobenzene	8.35	146	83995	38.077	ng	95
15) Benzyl Alcohol	8.24	79	68689	42.105	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	90298	37.840	ng	96
17) 2-Methylphenol	8.46	107	64562	41.723	ng	95
18) Hexachloroethane	9.07	117	29935	36.725	ng	91
19) n-Nitroso-di-n-propylamine	8.79	70	60573	40.355	ng	98
20) 3+4-Methylphenols	8.79	107	88699	41.802	ng	97
22) Acetophenone	8.81	105	119324	36.205	ng	# 96
24) Nitrobenzene	9.20	77	92363	38.840	ng	99
25) Isophorone	9.72	82	169951	37.238	ng	99
26) 2-Nitrophenol	9.91	139	45729	39.831	ng	93
27) 2,4-Dimethylphenol	9.98	122	73881	44.899	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	92175	36.593	ng	95
29) 2,4-Dichlorophenol	10.47	162	79632	37.770	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	94363	35.512	ng	96
31) Naphthalene	10.84	128	255805	39.159	ng	98
32) Benzoic acid	10.17	122	34660	31.434	ng	94
33) 4-Chloroaniline	10.98	127	29641	11.069	ng	96
34) Hexachlorobutadiene	11.13	225	66871	34.043	ng	96
35) Caprolactam	11.74	113	27911m	38.439	ng	
36) 4-Chloro-3-methylphenol	12.11	107	88837	38.629	ng	97
37) 2-Methylnaphthalene	12.45	142	199964	39.895	ng	96
38) 1-Methylnaphthalene	12.67	142	187677	39.353	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	125363	34.959	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043697.D
 Acq On : 19 Nov 2019 14:22
 Operator : JU
 Sample : PB124838BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124838BS

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:08 AM

Quant Time: Nov 19 15:39:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	137387	72.933	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	75317	35.665	nq	92
44) 2,4,5-Trichlorophenol	13.16	196	77129	36.126	nq	96
46) 1,1'-Biphenyl	13.46	154	269210	36.521	nq	96
47) 2-Chloronaphthalene	13.50	162	207745	37.040	nq	96
48) 2-Nitroaniline	13.71	65	59277	35.362	nq	94
49) Acenaphthylene	14.35	152	339441	38.887	nq	99
50) Dimethylphthalate	14.08	163	273963	36.503	nq	97
51) 2,6-Dinitrotoluene	14.20	165	60133	36.880	nq #	87
52) Acenaphthene	14.69	154	203950	38.313	nq	97
53) 3-Nitroaniline	14.54	138	37136	23.590	nq	88
54) 2,4-Dinitrophenol	14.75	184	64762	65.099	nq	97
55) Dibenzofuran	15.02	168	329277	38.144	nq	99
56) 4-Nitrophenol	14.89	139	77279	73.255	nq	93
57) 2,4-Dinitrotoluene	14.99	165	88618	38.031	nq	97
58) Fluorene	15.67	166	283460	39.151	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	80872	35.652	nq	98
60) Diethylphthalate	15.44	149	269317	35.713	nq	99
61) 4-Chlorophenyl-phenylether	15.66	204	153372	36.312	nq	98
62) 4-Nitroaniline	15.71	138	54272	33.382	nq	98
63) Azobenzene	15.96	77	235397	38.569	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	55395	40.272	nq	97
66) n-Nitrosodiphenylamine	15.88	169	237912	36.053	nq	98
67) 4-Bromophenyl-phenylether	16.55	248	108619	34.531	nq	93
68) Hexachlorobenzene	16.68	284	125246	34.688	nq	98
69) Atrazine	16.82	200	92995	40.557	nq	97
70) Pentachlorophenol	17.03	266	115867	70.425	nq	97
71) Phenanthrene	17.41	178	451082	37.688	nq	99
72) Anthracene	17.51	178	476745	39.811	nq	99
73) Carbazole	17.78	167	398103	36.711	nq	98
74) Di-n-butylphthalate	18.32	149	471947	35.868	nq	100
75) Fluoranthene	19.42	202	606497	38.869	nq	99
77) Benzidine	19.65	184	13788	2.650	nq #	89
78) Pyrene	19.79	202	625779	39.105	nq	99
80) Butylbenzylphthalate	20.67	149	215874	35.607	nq	95
81) Benzo(a)anthracene	21.61	228	632437	39.054	nq	99
82) 3,3'-Dichlorobenzidine	21.53	252	160525	25.628	nq	98
83) Chrysene	21.68	228	613502	38.129	nq	100
84) Bis(2-ethylhexyl)phthalate	21.51	149	316674	36.770	nq	96
85) Di-n-octyl phthalate	22.71	149	539315	36.911	nq	98
86) Indeno(1,2,3-cd)pyrene	28.44	276	764490	37.852	nq #	87
88) Benzo(b)fluoranthene	23.80	252	664448	39.360	nq	98
89) Benzo(k)fluoranthene	23.87	252	654892	38.535	nq	97
90) Benzo(a)pyrene	24.66	252	614193	38.100	nq	100
91) Dibenzo(a,h)anthracene	28.49	278	647399	39.263	nq	96
92) Benzo(g,h,i)perylene	29.57	276	643974	39.594	nq	97

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



#1

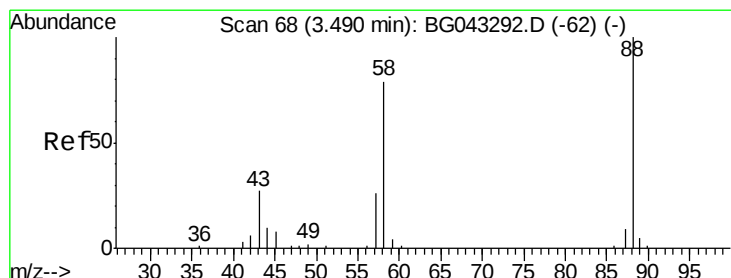
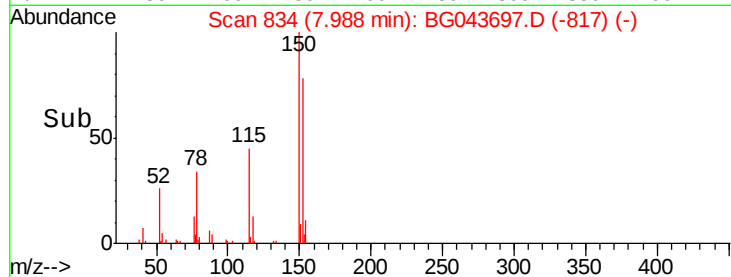
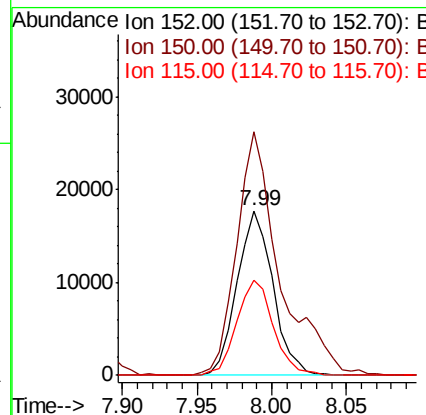
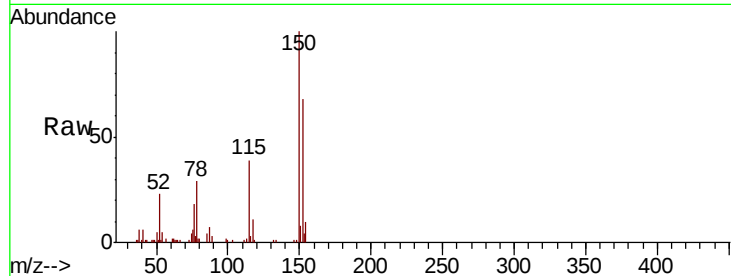
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	116.6	175.0
115	57.8	40.5	60.7

Manual Integrations
APPROVED

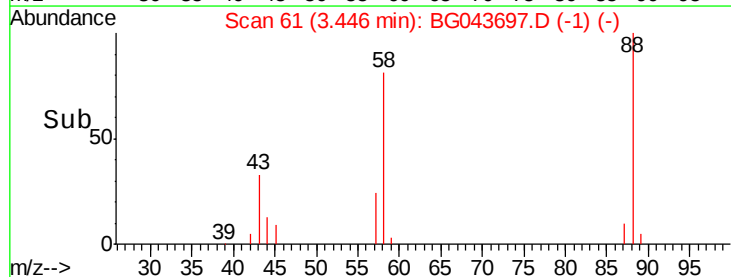
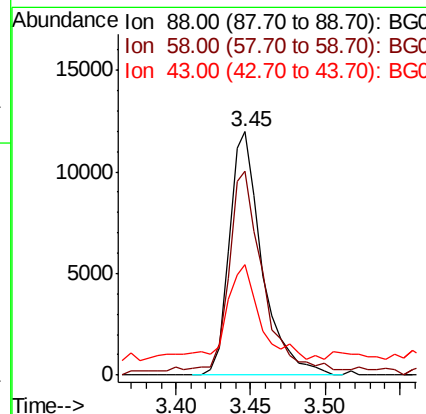
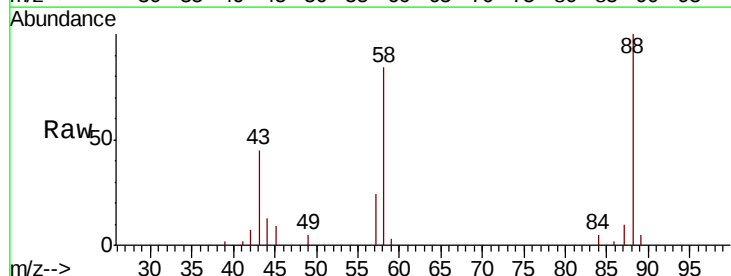
mohammad
11/21/2019 9:04:08 AM



#2

1,4-Dioxane
Concen: 29.196 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	62.2	93.4
43	41.8	30.1	45.1





#3

Pvridine

Concen: 31.491 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

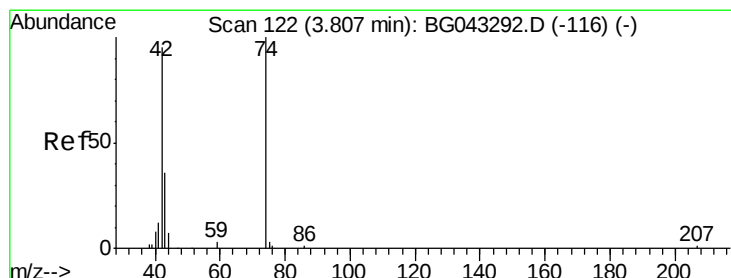
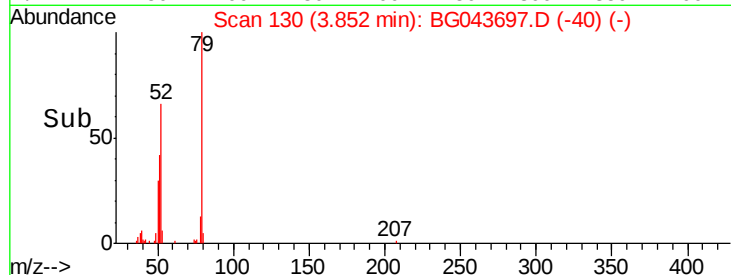
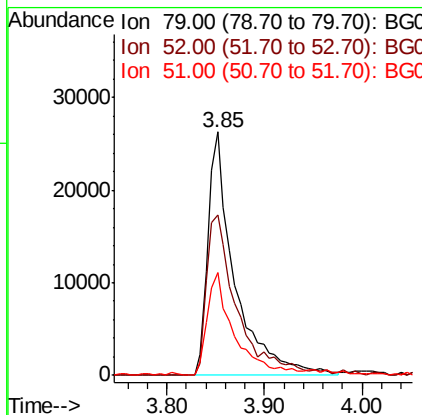
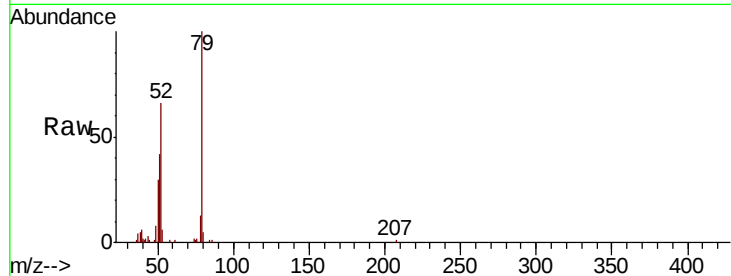
ClientSampleId :

PB124838BS

Tot Ion:	79	Resp:	49979
Ion	Ratio	Lower	Upper
79	100		
52	66.0	63.2	94.8
51	42.3	34.5	51.7

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#4

n-Nitrosodimethylamine

Concen: 46.651 ng

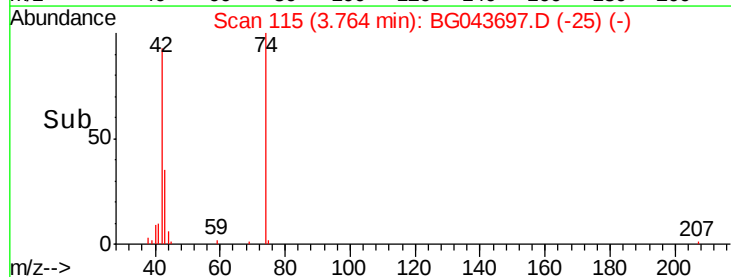
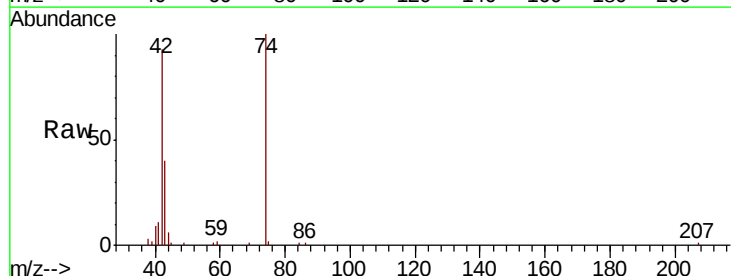
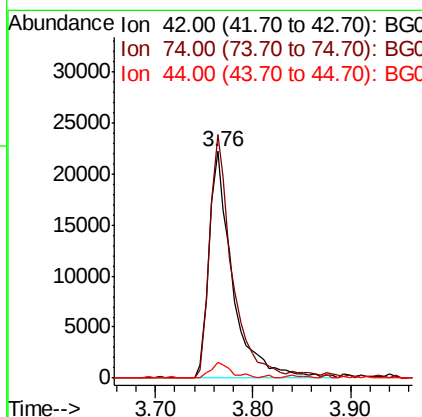
RT: 3.76 min Scan# 115

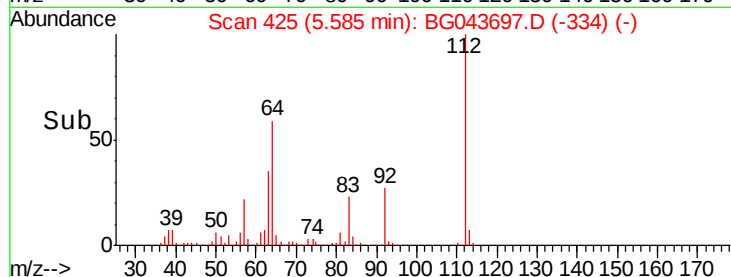
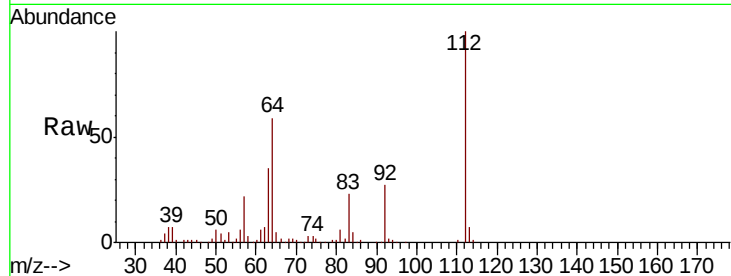
Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Tgt Ion:	42	Resp:	37361
Ion	Ratio	Lower	Upper
42	100		
74	107.3	83.0	124.6
44	7.0	4.4	6.6#





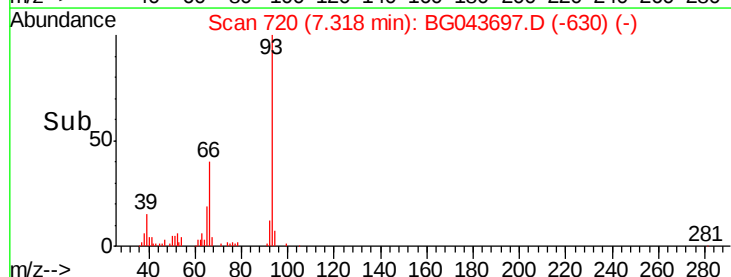
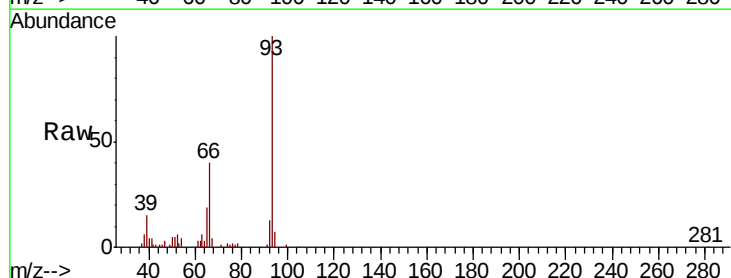
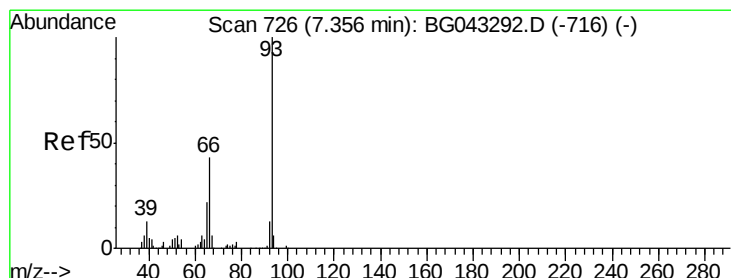
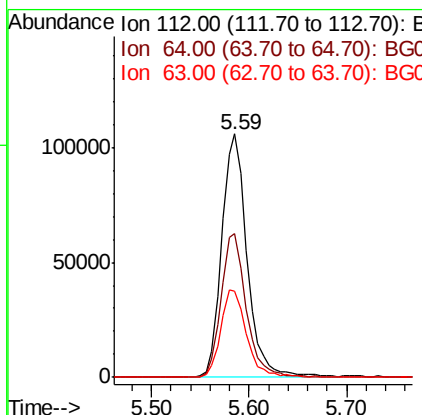
#5
2-Fluorophenol
Concen: 118.256 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tot Ion:	112	Resp:	190925
Ion Ratio	Lower	Upper	
112	100		
64	58.9	50.6	75.8
63	35.4	30.5	45.7

Instrument :
BNA_G
ClientSampleId :
PB124838BS

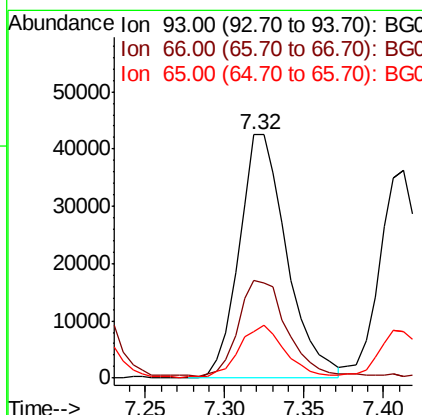
Manual Integrations
APPROVED

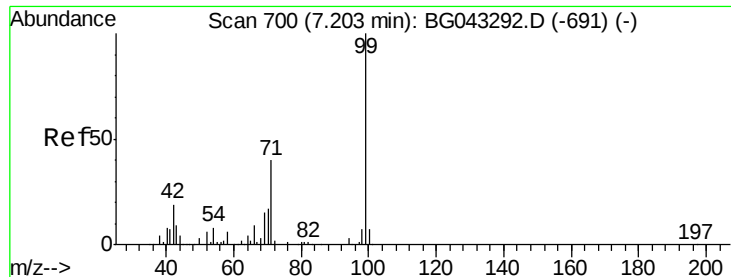
mohammad
11/21/2019 9:04:08 AM



#6
Aniline
Concen: 33.121 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion:	93	Resp:	88629
Ion Ratio	Lower	Upper	
93	100		
66	39.9	35.4	53.2
65	19.0	17.1	25.7





#7

Phenol-d6

Concen: 113.619 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

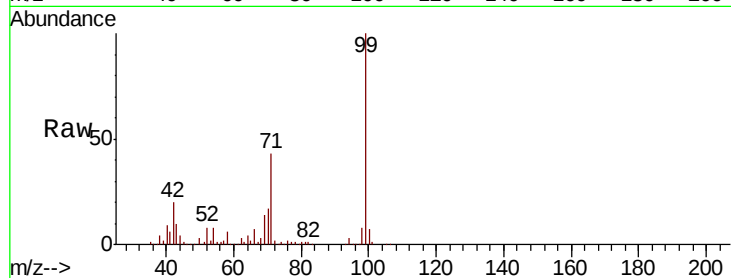
ClientSampleId :

PB124838BS

Tot Ion	99	Resp	263926
Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.8	23.8
71	43.5	34.4	51.6

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM

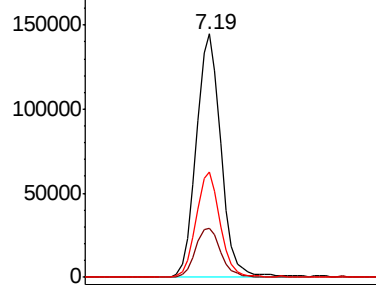


Abundance

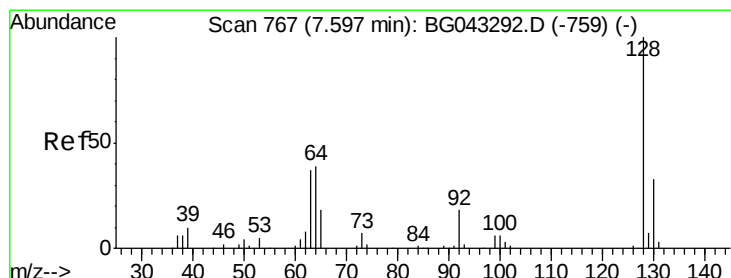
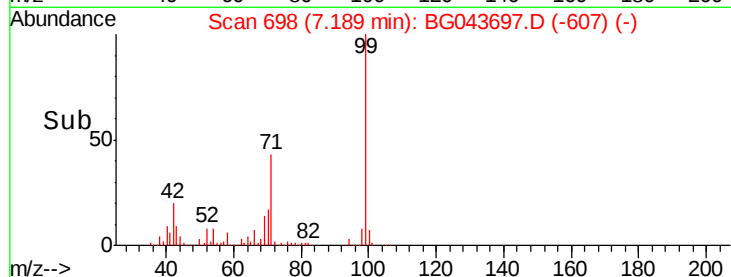
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 43.072 ng

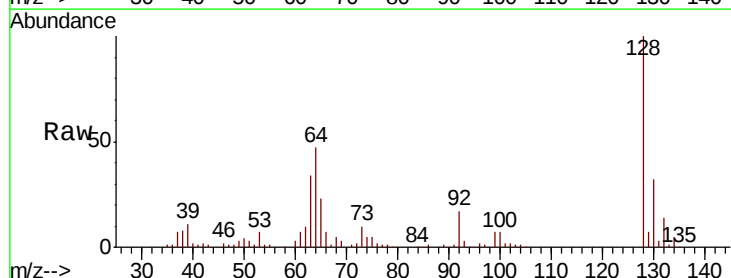
RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Tgt Ion	128	Resp	76764
Ion	Ratio	Lower	Upper
128	100		
130	32.4	14.5	54.5
64	46.6	29.2	69.2

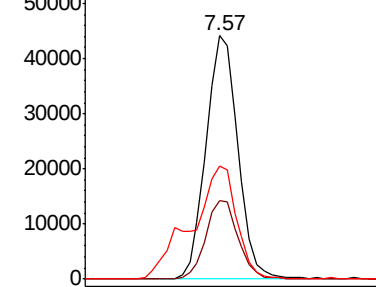


Abundance

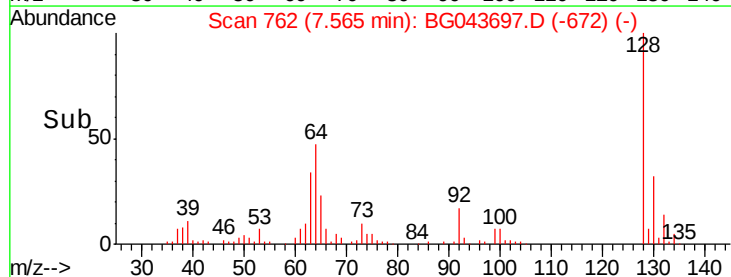
Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 33.615 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

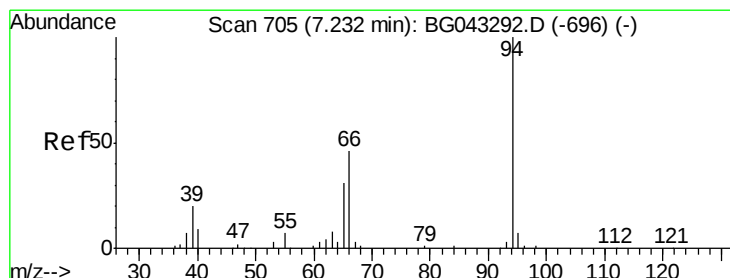
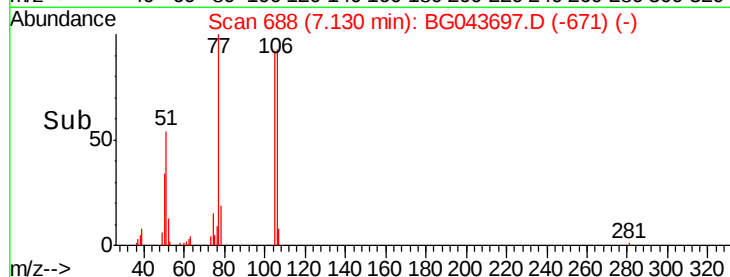
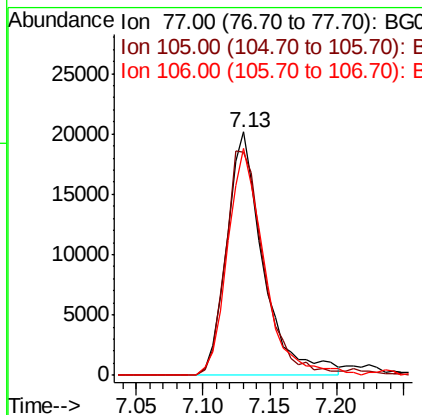
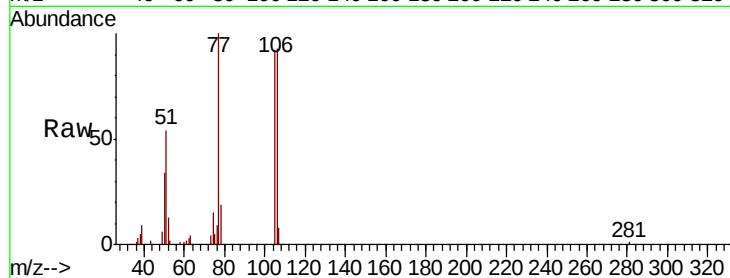
ClientSampleID :

PB124838BS

Tot Ion:	77	Resp:	38374
Ion	Ratio	Lower	Upper
77	100		
105	91.9	84.9	124.9
106	93.0	75.1	115.1

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#10

Phenol

Concen: 44.436 ng

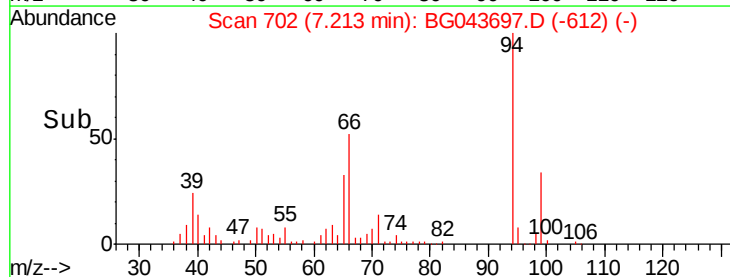
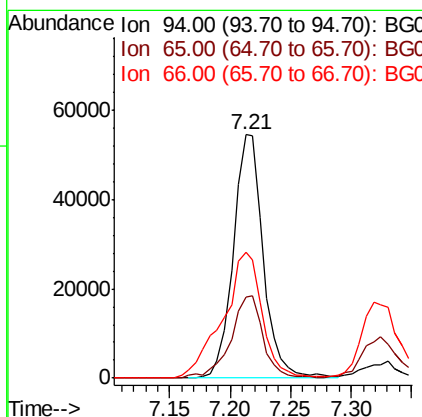
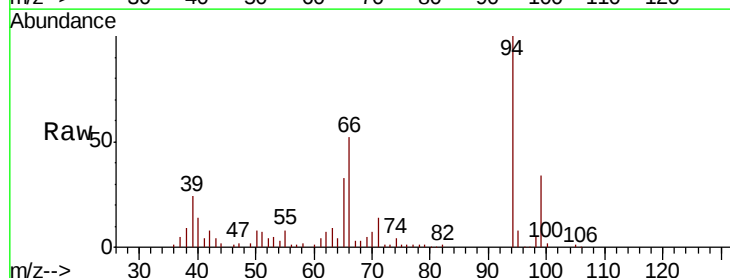
RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Tgt Ion:	94	Resp:	94323
Ion	Ratio	Lower	Upper
94	100		
65	33.3	11.4	51.4
66	51.7	28.4	68.4





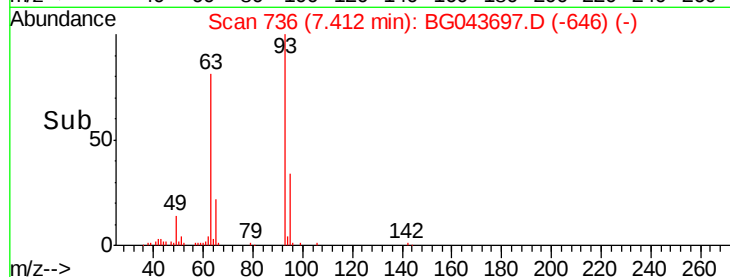
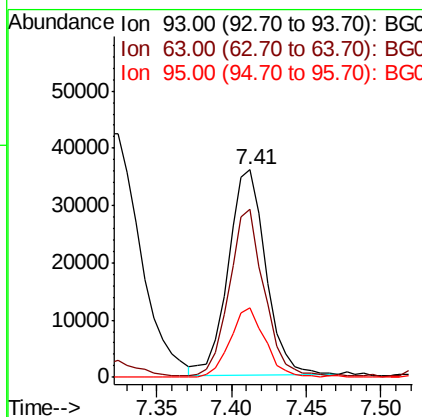
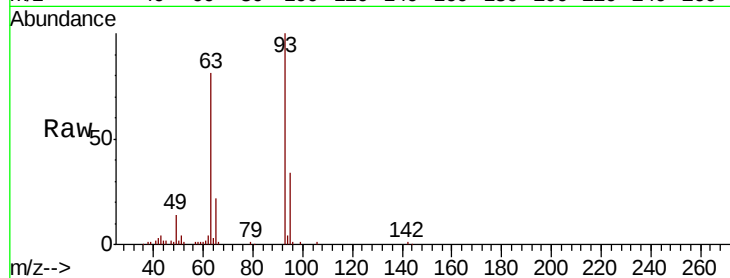
#11
bis(2-Chloroethyl)ether
Concen: 38.620 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.2	54.9	94.9
95	33.8	7.2	47.2

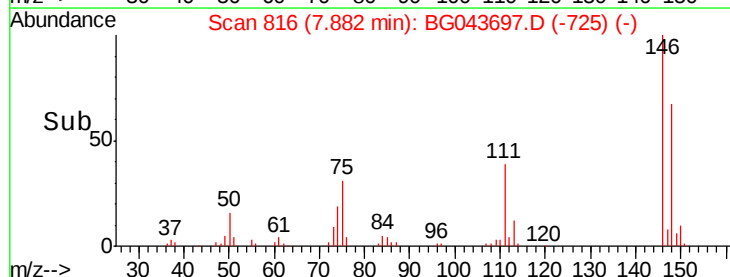
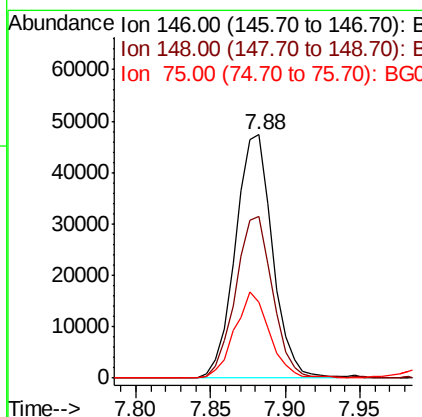
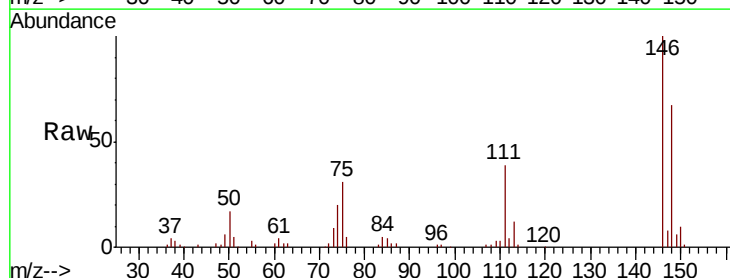
Manual Integrations
APPROVED

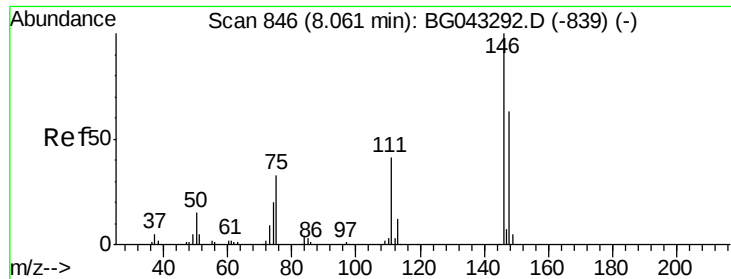
mohammad
11/21/2019 9:04:08 AM



#12
1,3-Dichlorobenzene
Concen: 36.631 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.4	77.2
75	31.4	26.2	39.2





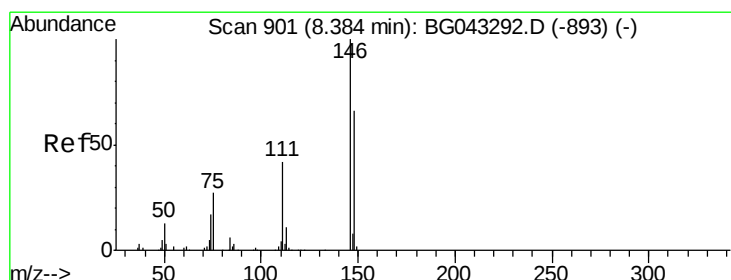
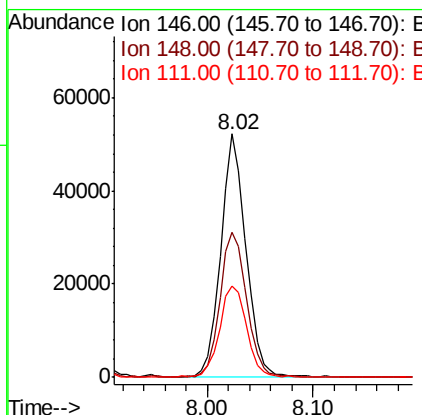
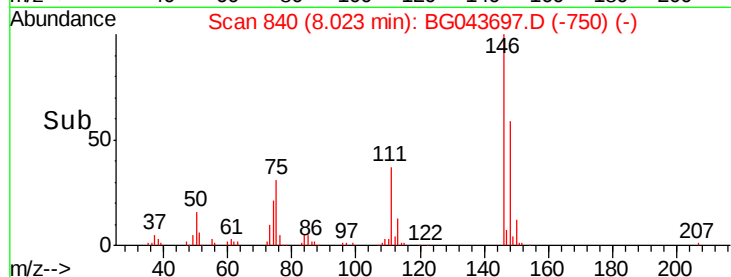
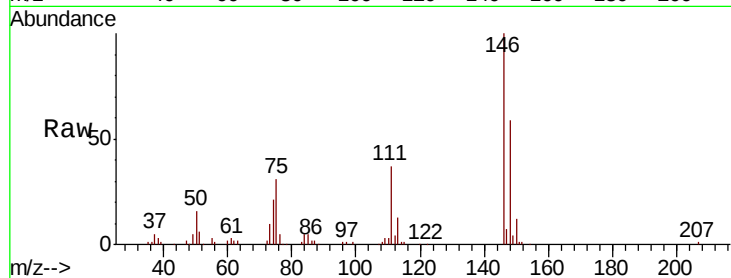
#13
 1,4-Dichlorobenzene
 Concen: 38.180 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Instrument :
 BNA_G
 ClientSampleId :
 PB124838BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.4	51.0	76.6
111	37.3	34.3	51.5

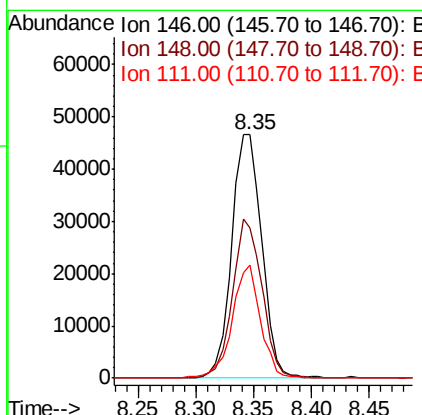
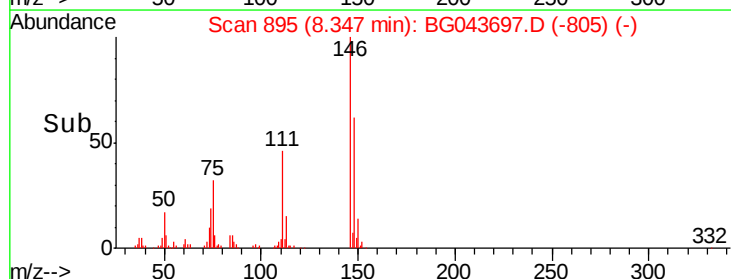
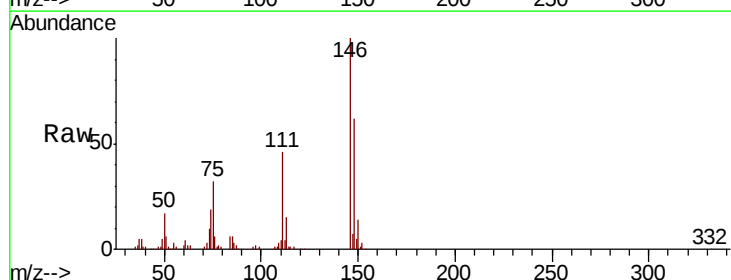
Manual Integrations
 APPROVED

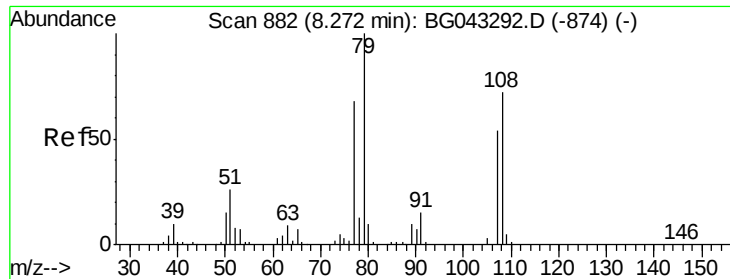
mohammad
 11/21/2019 9:04:08 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.077 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	53.4	80.2
111	46.4	35.3	52.9





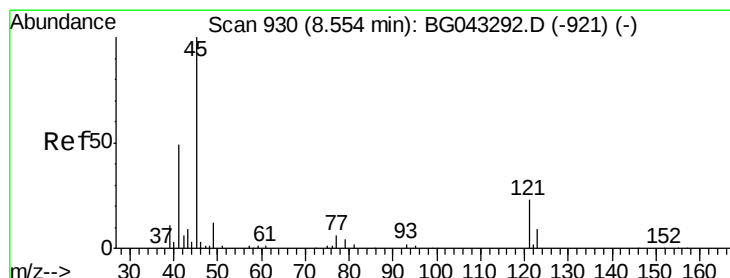
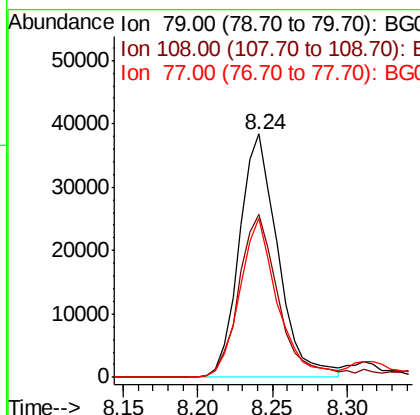
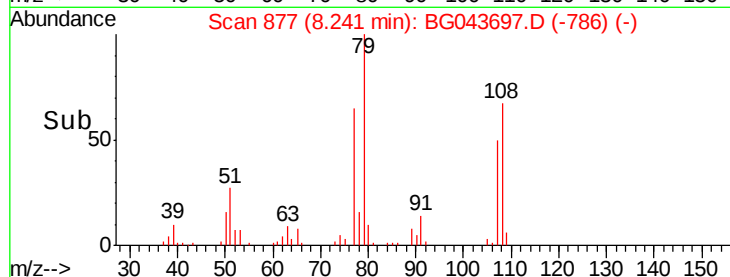
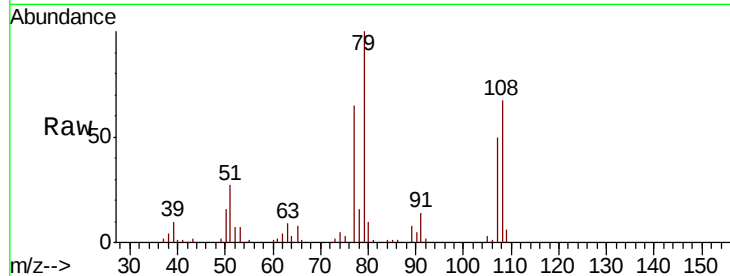
#15
Benzyl Alcohol
Concen: 42.105 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleID :
PB124838BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.9	56.0	84.0
77	65.1	47.9	71.9

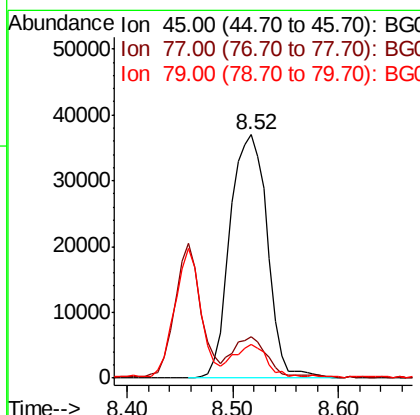
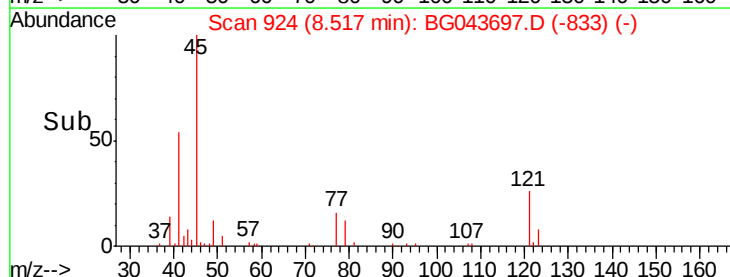
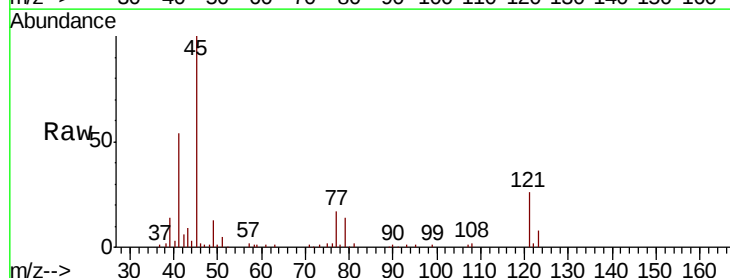
Manual Integrations
APPROVED

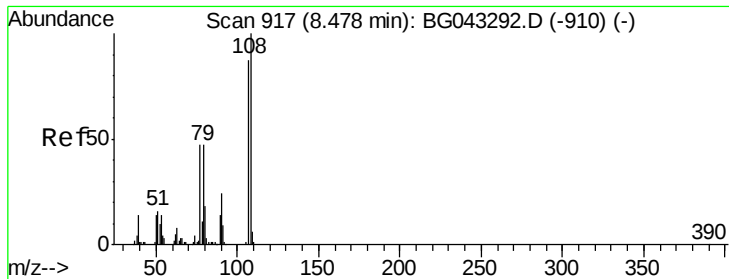
mohammad
11/21/2019 9:04:08 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.840 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	35.2
79	13.8	0.0	32.4





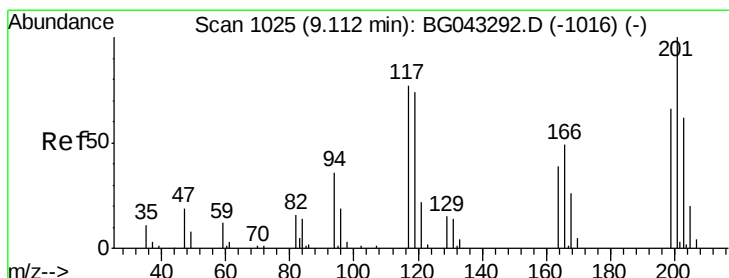
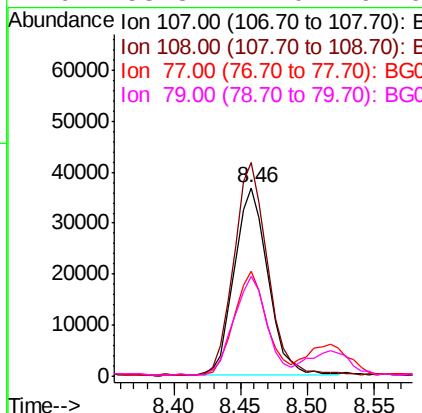
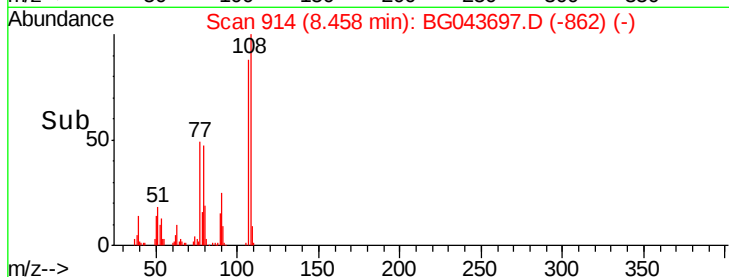
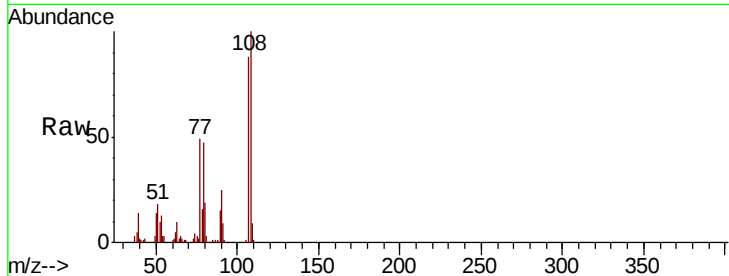
#17
2-Methylphenol
Concen: 41.723 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	107	Resp	64562
Ion	Ratio	Lower	Upper
107	100		
108	113.4	84.7	127.1
77	55.5	46.2	69.4
79	53.3	41.0	61.6

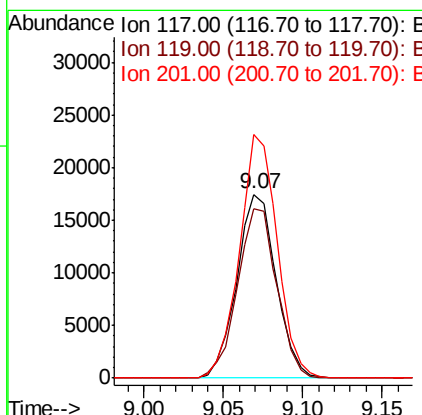
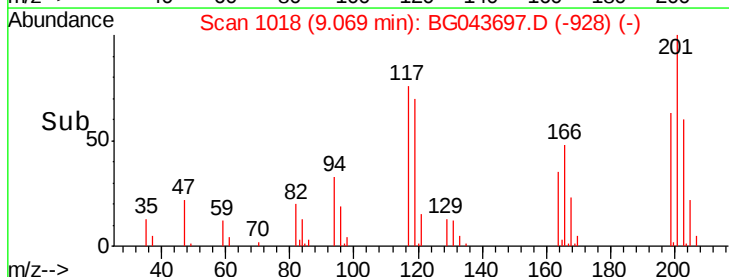
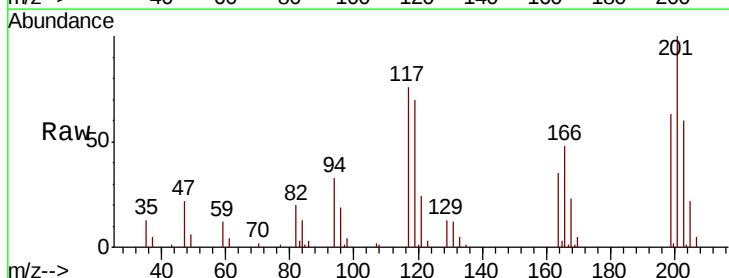
Manual Integrations
APPROVED

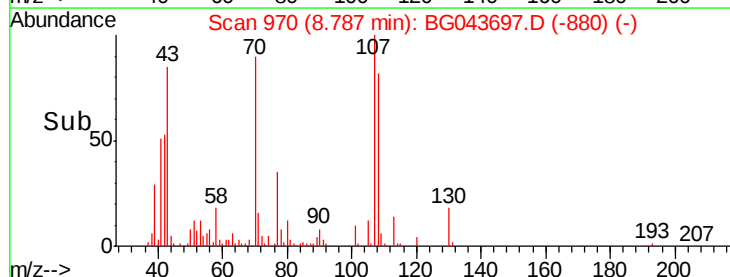
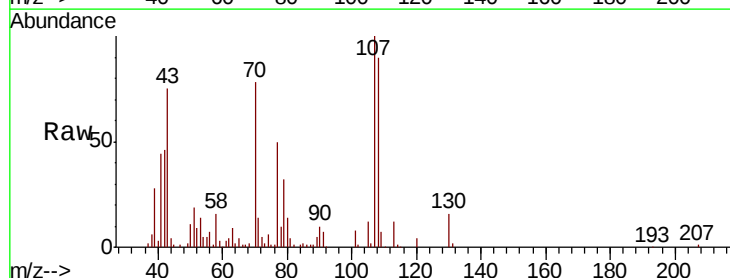
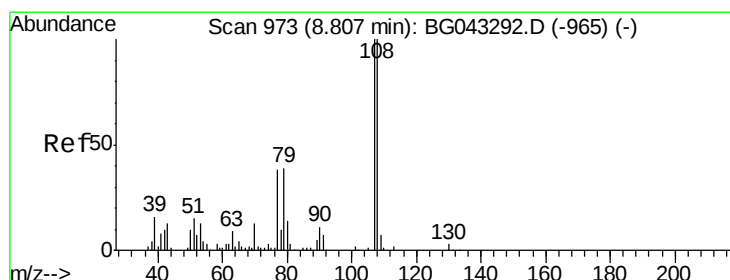
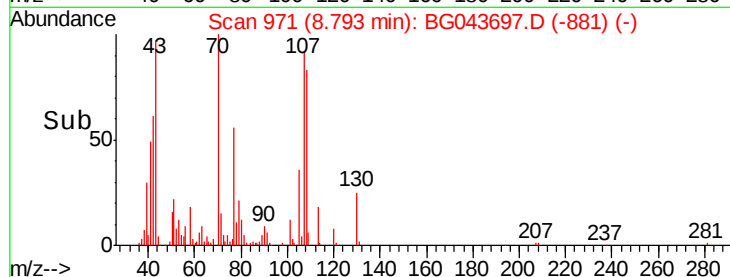
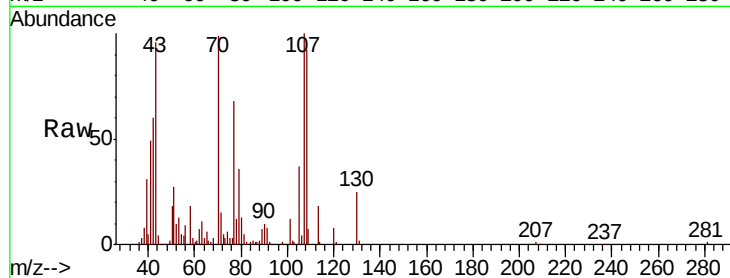
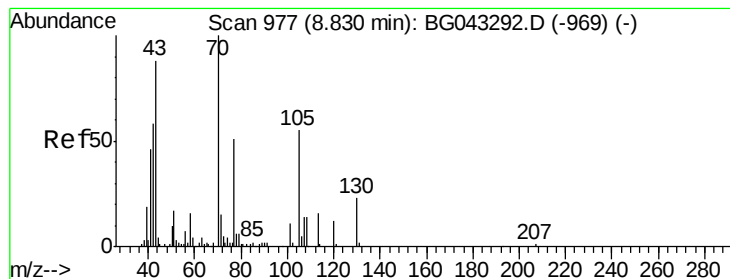
mohammad
11/21/2019 9:04:08 AM



#18
Hexachloroethane
Concen: 36.725 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	117	Resp	29935
Ion	Ratio	Lower	Upper
117	100		
119	92.1	81.7	122.5
201	132.3	98.6	147.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.355 ng

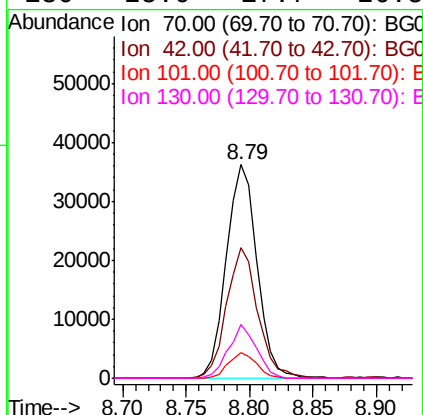
RT: 8.79 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.0	49.7	74.5		
101	12.1	9.7	14.5		
130	25.0	17.7	26.5		



Instrument :

BNA_G

ClientSampleId :

PB124838BS

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM

#20

3+4-Methylphenols

Concen: 41.802 ng

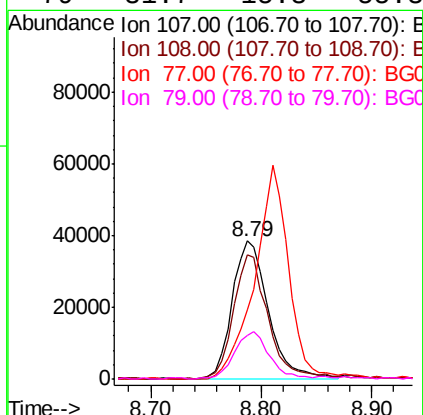
RT: 8.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.1	69.5	109.5		
77	50.3	32.8	72.8		
79	31.7	15.3	55.3		





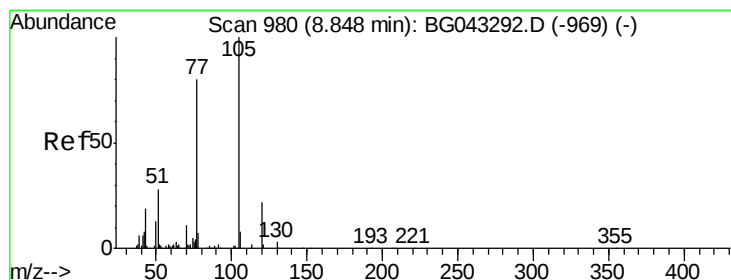
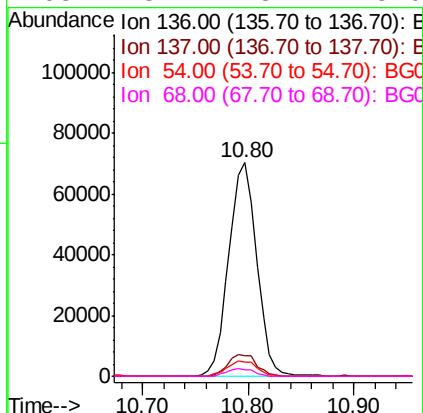
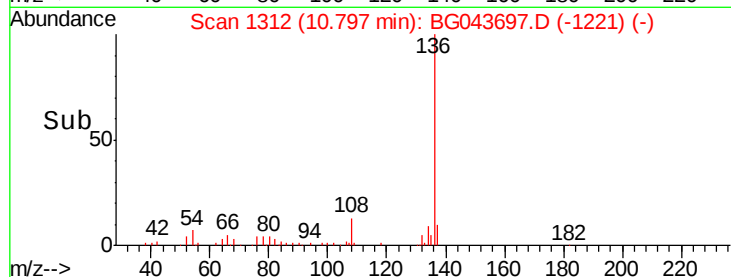
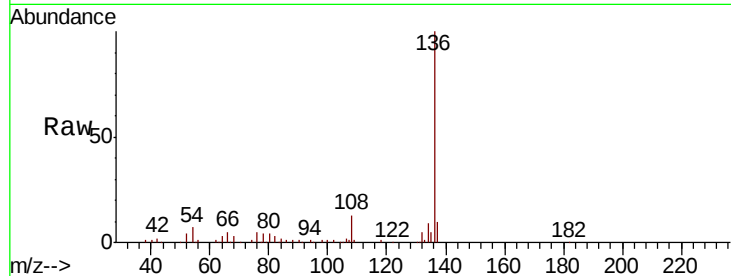
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	128696		
137	9.6	8.8	13.2	
54	6.8	6.2	9.2	
68	3.1	3.4	5.0	

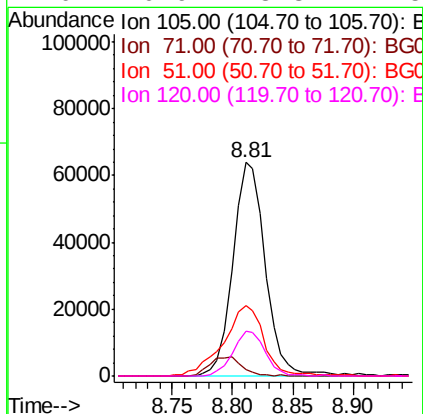
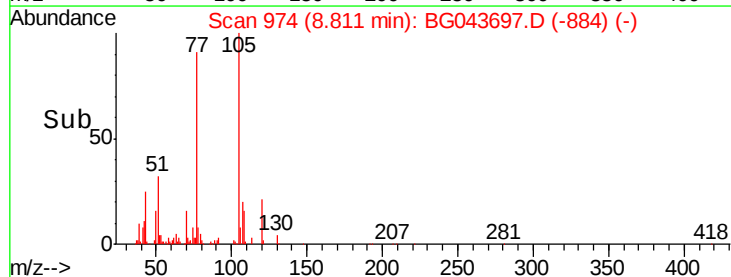
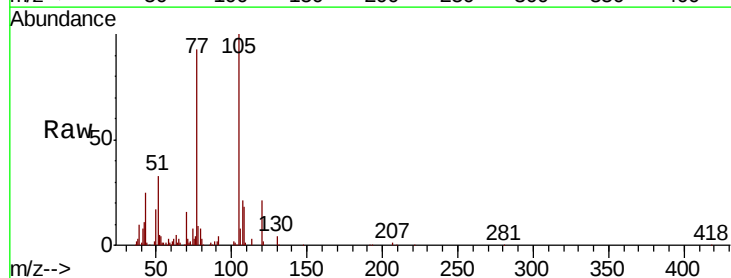
Manual Integrations
APPROVED

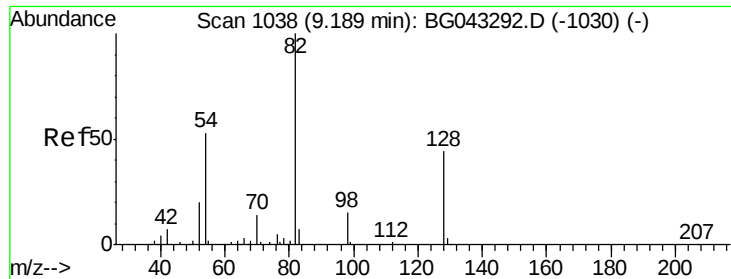
mohammad
11/21/2019 9:04:08 AM



#22
Acetophenone
Concen: 36.205 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	119324		
71	2.9	1.5	2.3	
51	33.1	25.0	37.6	
120	20.9	18.3	27.5	





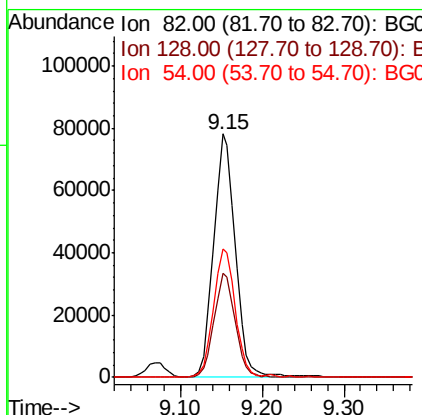
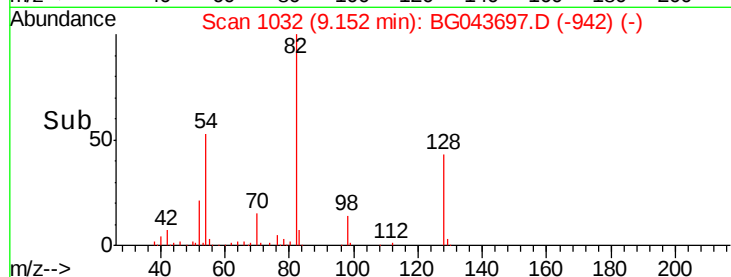
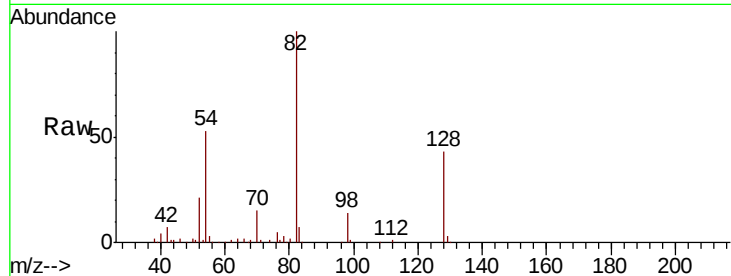
#23
Nitrobenzene-d5
Concen: 58.077 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.2	51.4
54	52.7	44.7	67.1

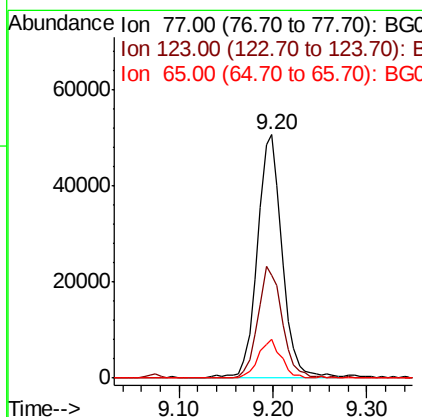
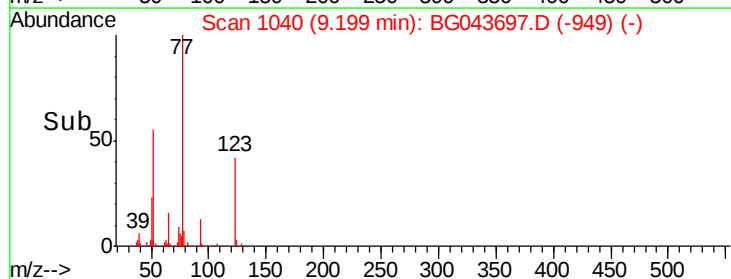
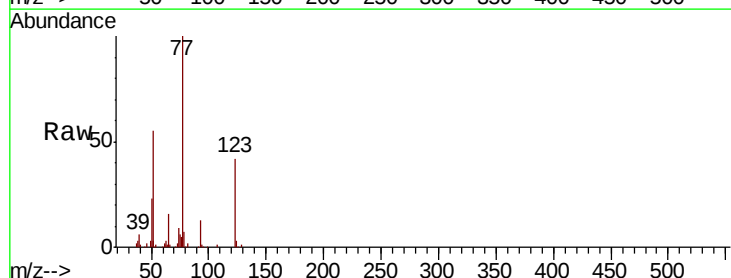
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#24
Nitrobenzene
Concen: 38.840 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	33.6	50.4
65	15.9	12.9	19.3





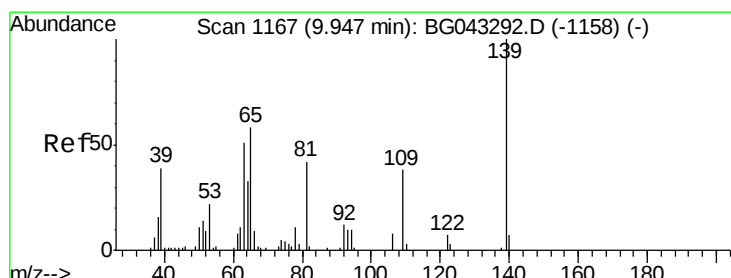
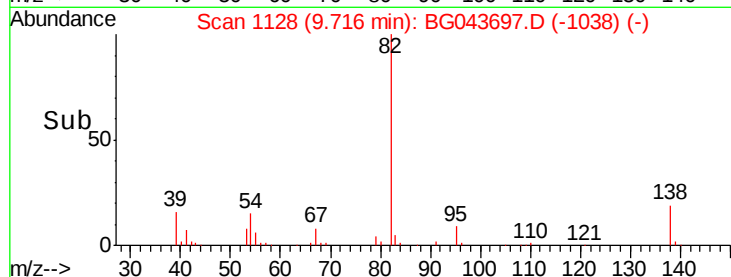
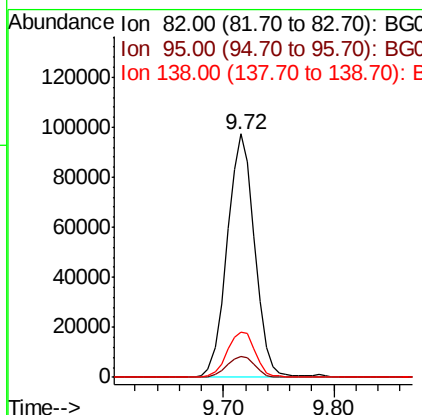
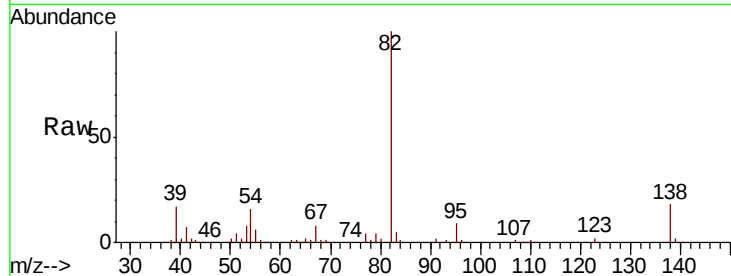
#25
Isophorone
Concen: 37.238 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.7	7.4	11.0
138	18.4	15.1	22.7

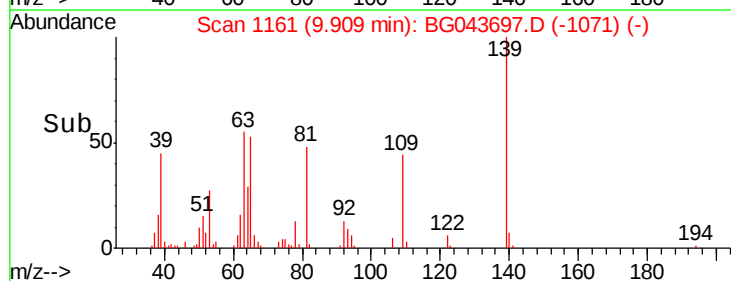
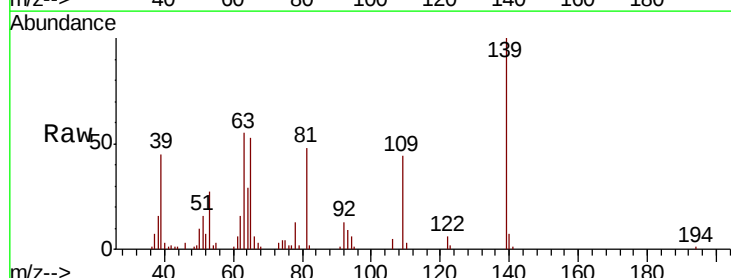
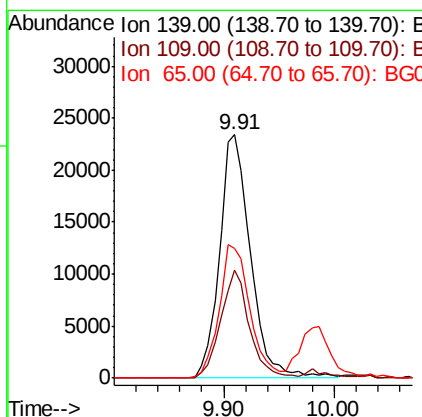
Manual Integrations
APPROVED

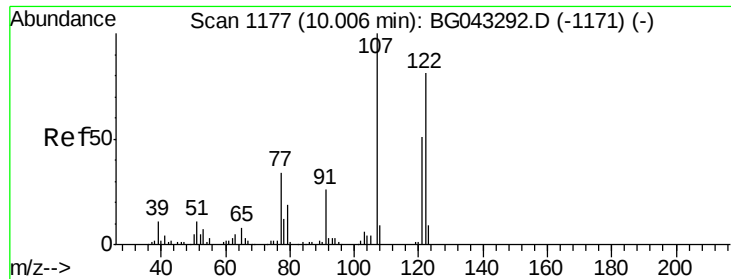
mohammad
11/21/2019 9:04:08 AM



#26
2-Nitrophenol
Concen: 39.831 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	44.4	32.6	48.8
65	53.4	47.6	71.4





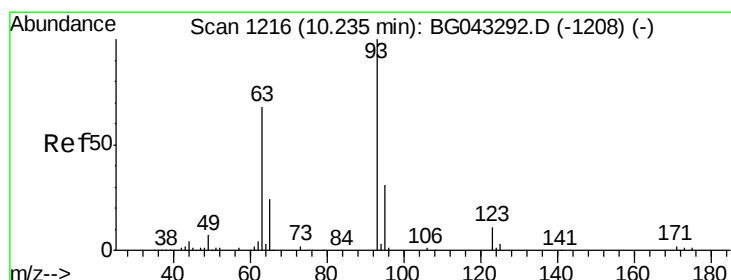
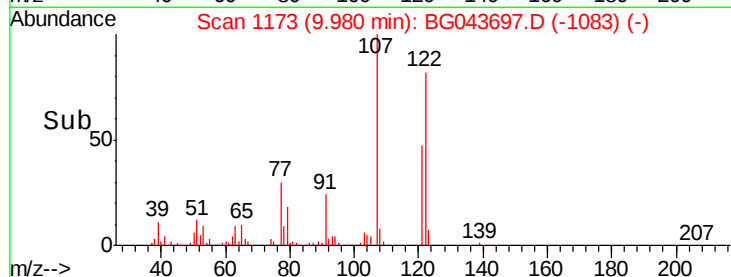
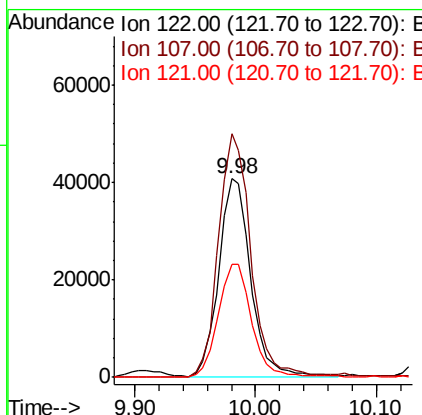
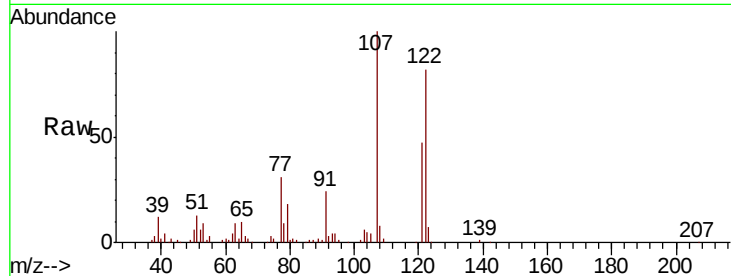
#27
 2,4-Dimethylphenol
 Concen: 44.899 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Instrument :
 BNA_G
 ClientSampleId :
 PB124838BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	122.6	100.7	151.1		
121	57.3	47.0	70.4		

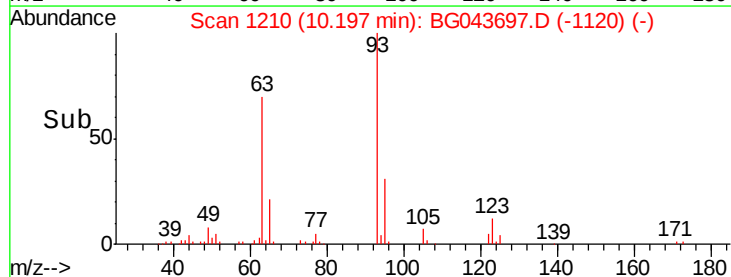
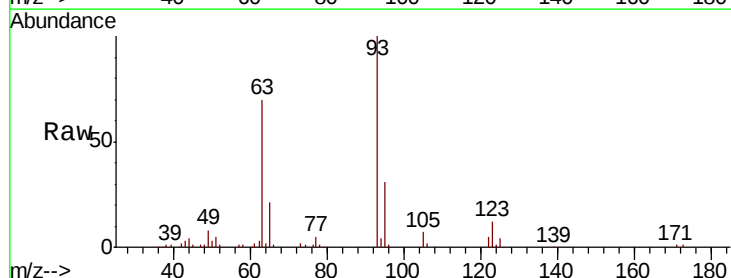
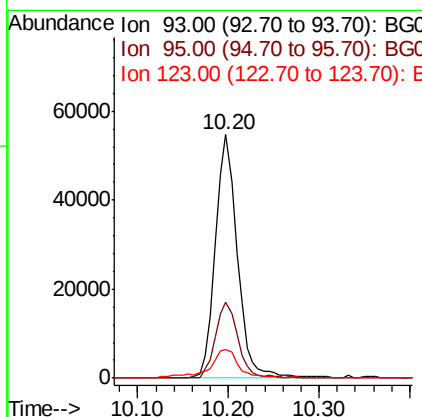
Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:08 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.593 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.2	27.5	41.3		
123	11.9	10.7	16.1		





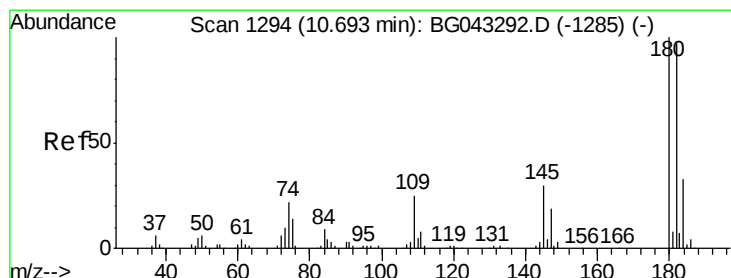
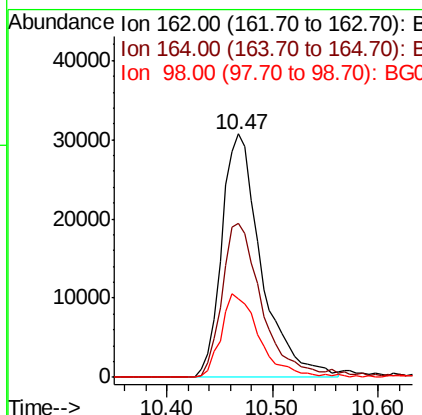
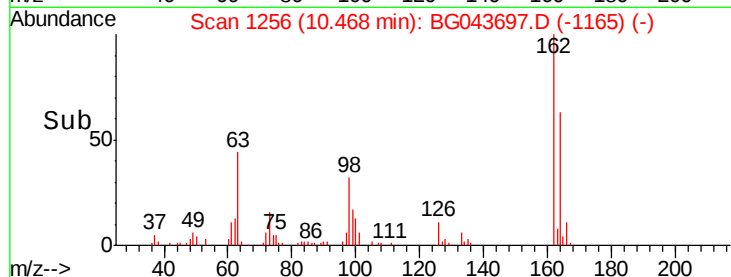
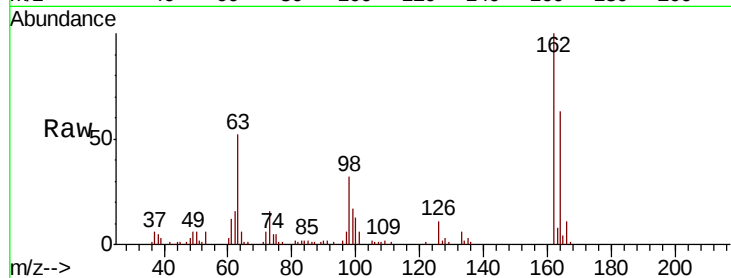
#29
2,4-Dichlorophenol
Concen: 37.770 ng
RT: 10.47 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.4	85.4
98	32.1	10.1	50.1

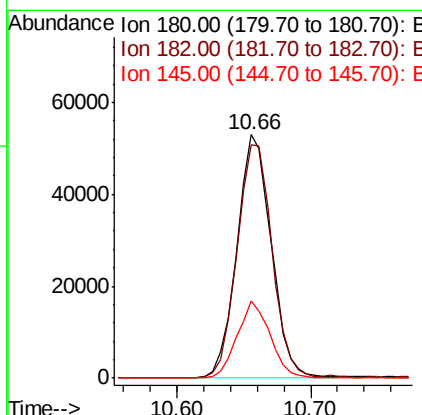
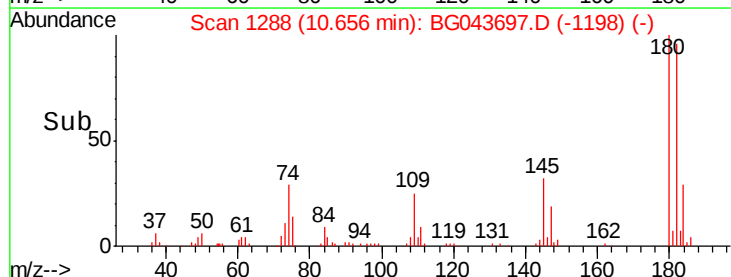
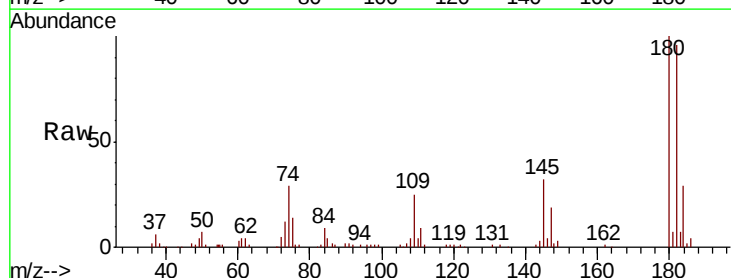
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#30
1,2,4-Trichlorobenzene
Concen: 35.512 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	74.5	111.7
145	31.6	21.4	32.0





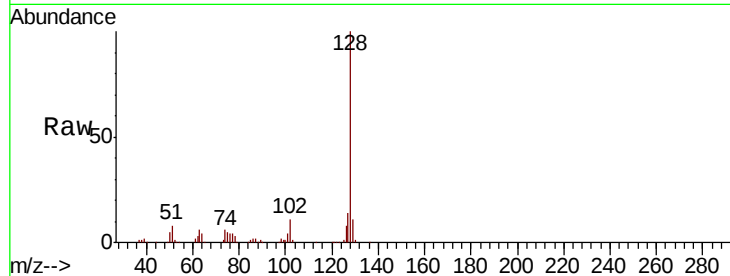
#31
Naphthalene
Concen: 39.159 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

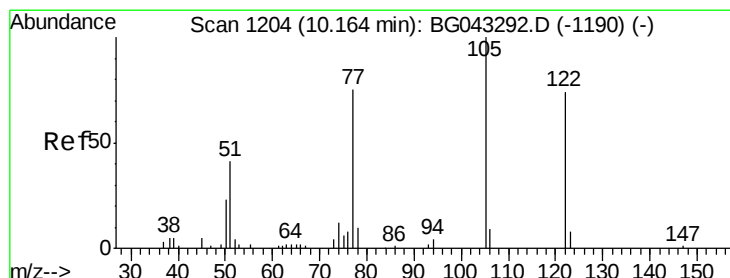
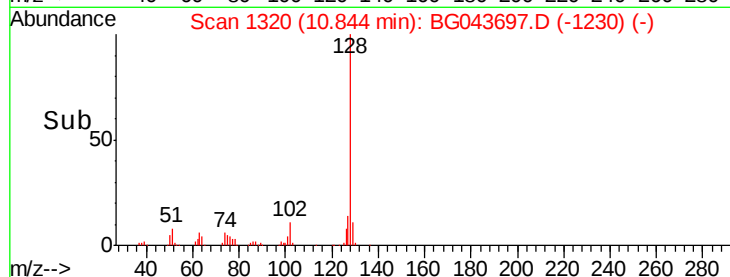
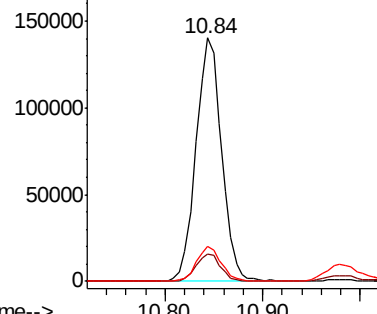
Tot Ion	Ratio	Resp	Lower	Upper
128	100	255805		
129	11.2	9.5	14.3	
127	14.4	11.0	16.4	

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM

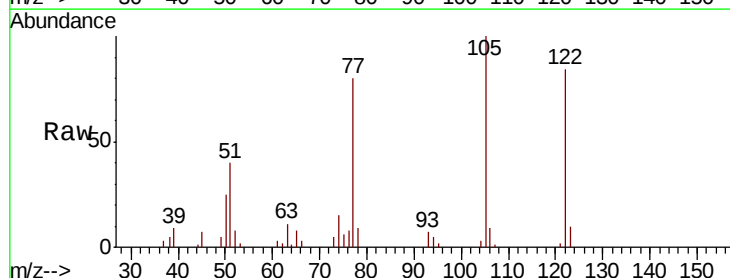


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

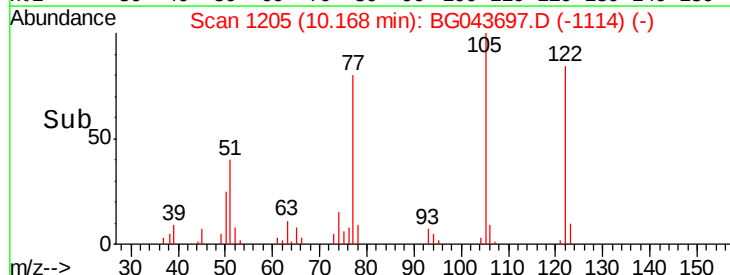
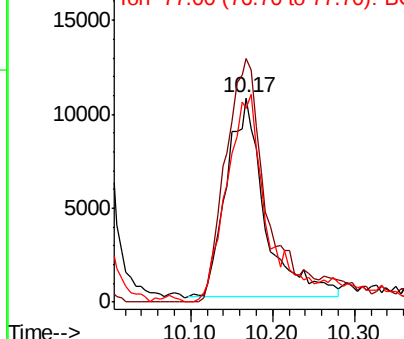


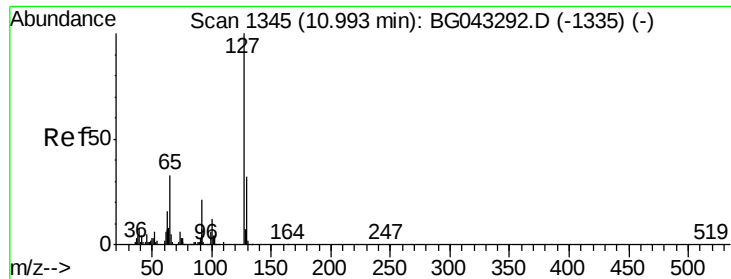
#32
Benzoic acid
Concen: 31.434 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	34660		
105	119.3	101.8	141.8	
77	95.2	86.8	126.8	



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





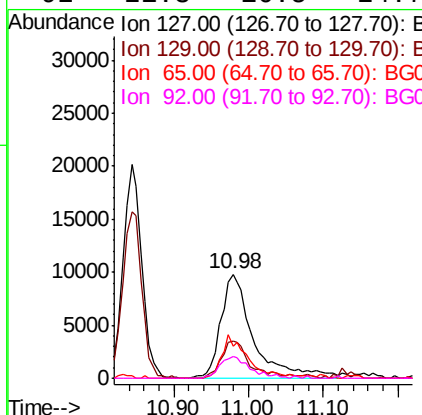
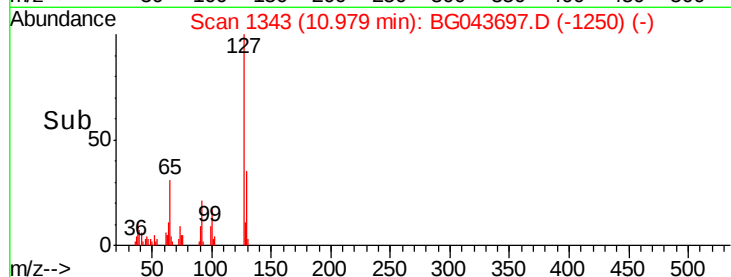
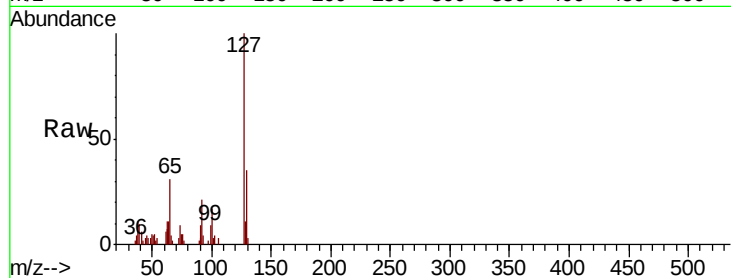
#33
4-Chloroaniline
Concen: 11.069 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		29641		
129	35.3	28.0	42.0		
65	30.8	28.3	42.5		
92	21.3	16.5	24.7		

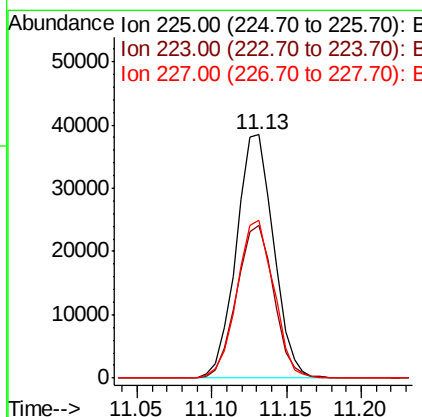
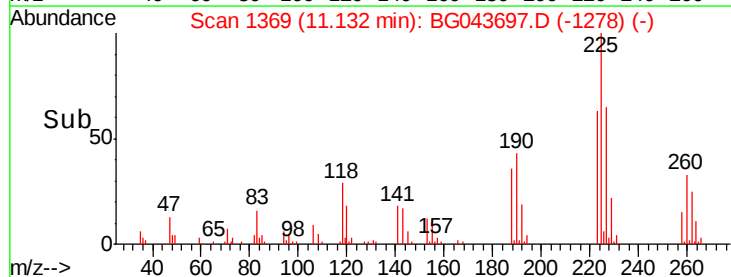
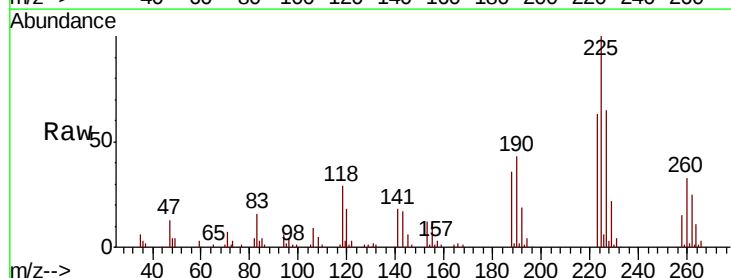
Manual Integrations
APPROVED

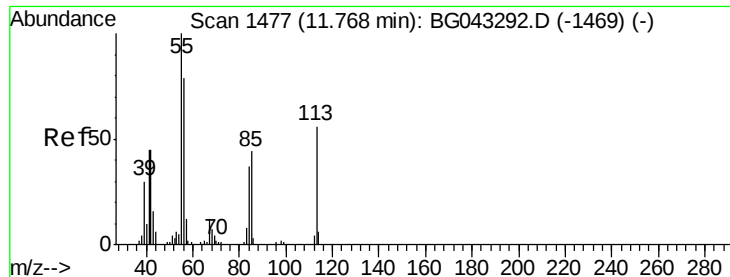
mohammad
11/21/2019 9:04:08 AM



#34
Hexachlorobutadiene
Concen: 34.043 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		66871		
223	62.7	48.6	73.0		
227	64.9	49.1	73.7		





#35

Caprolactam

Concen: 38.439 ng/mL

RT: 11.74 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

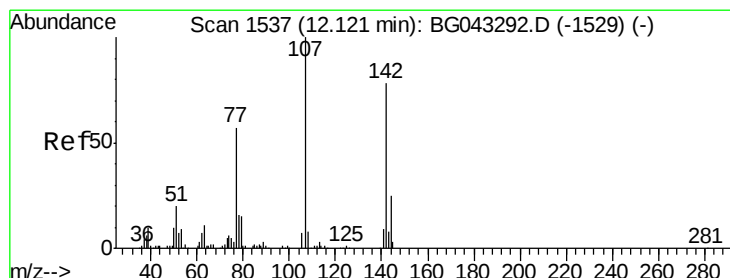
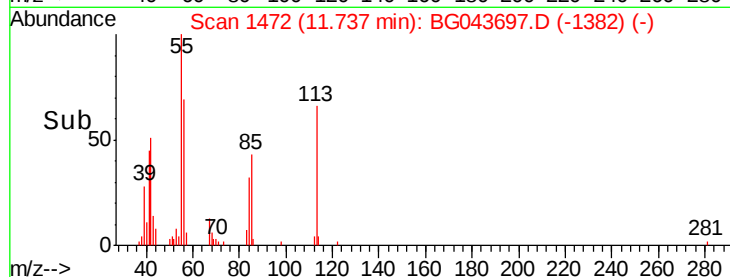
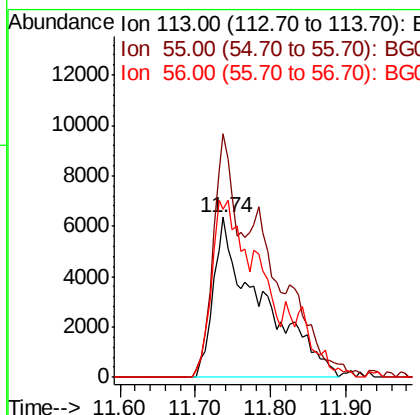
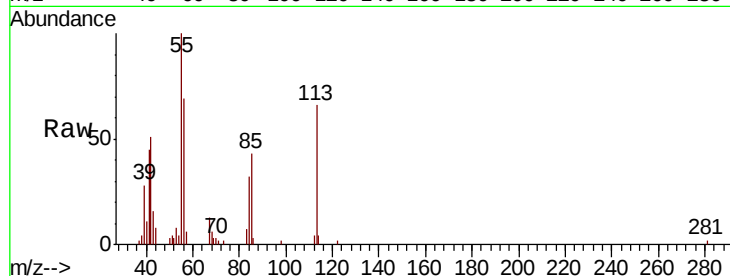
ClientSampleId :

PB124838BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	152.4	154.4	194.4#	
56	105.5	112.9	152.9#	

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#36

4-Chloro-3-methylphenol

Concen: 38.629 ng/mL

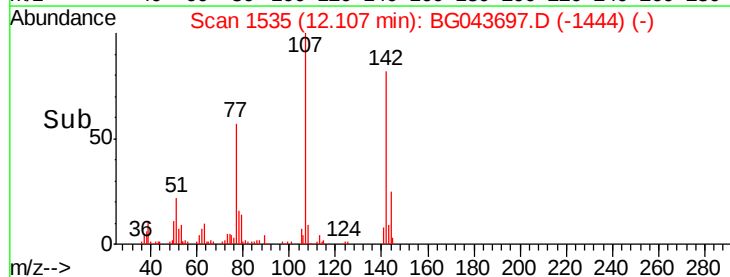
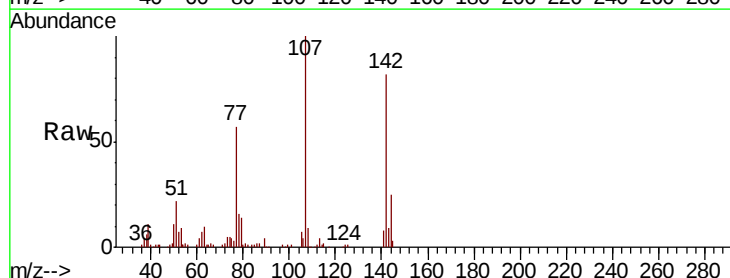
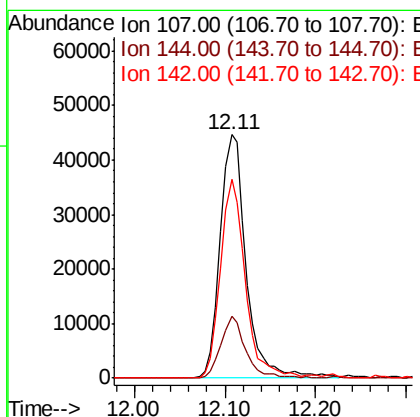
RT: 12.11 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.4	21.7	32.5	
142	81.8	67.2	100.8	





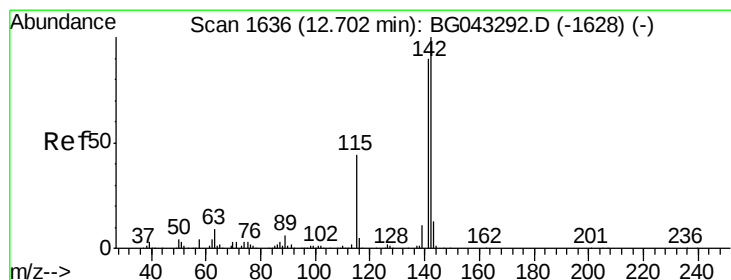
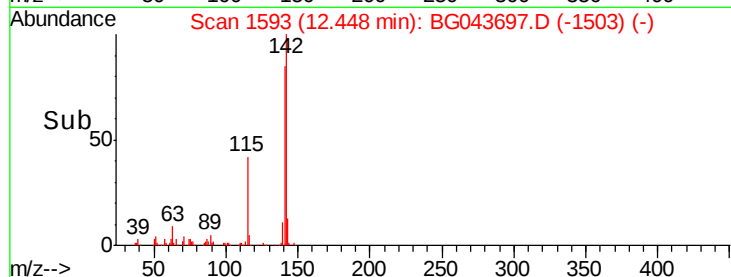
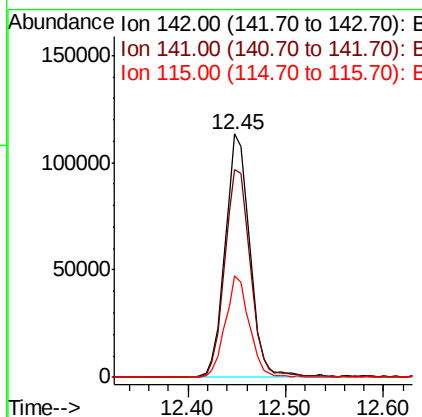
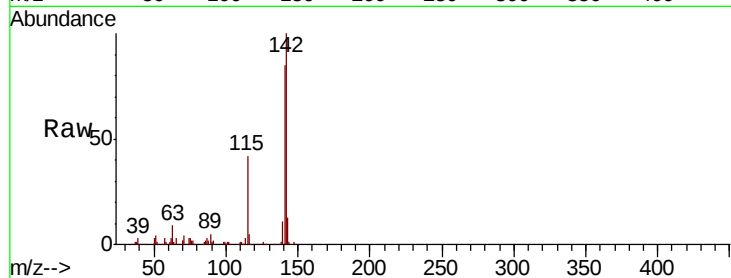
#37
2-Methylnaphthalene
Concen: 39.895 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleID :
PB124838BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	71.2	106.8
115	41.7	31.9	47.9

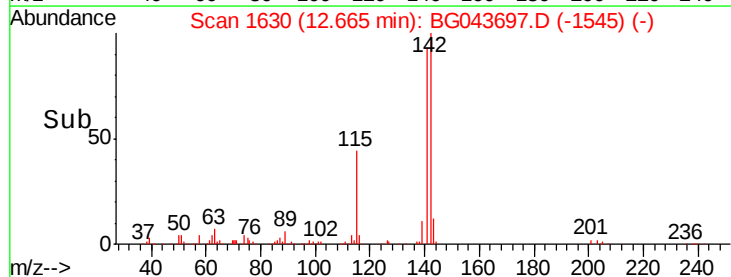
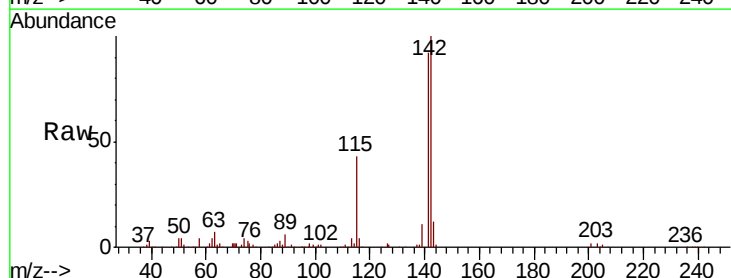
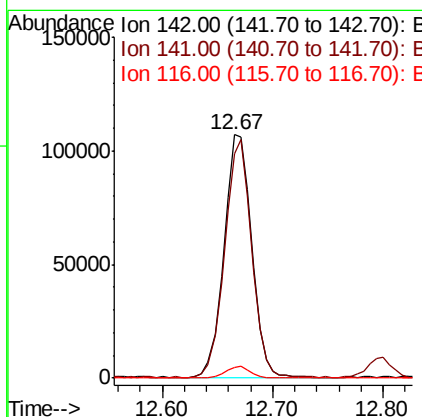
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#38
1-Methylnaphthalene
Concen: 39.353 ng
RT: 12.67 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.5	111.7
116	4.5	3.8	5.6





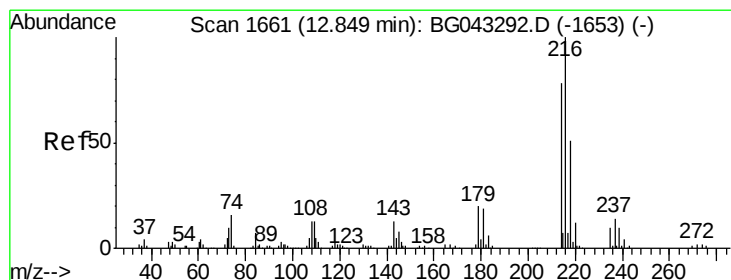
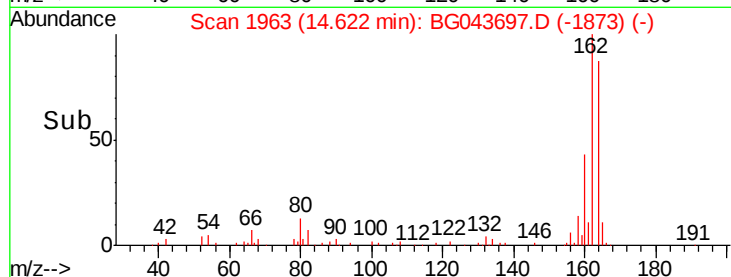
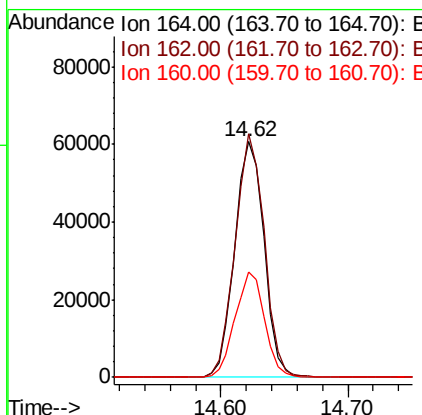
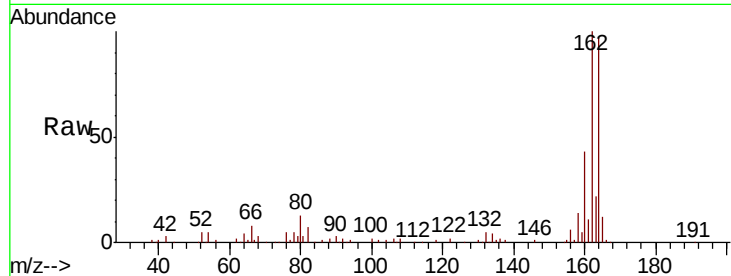
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	79.4	119.2
160	44.6	36.3	54.5

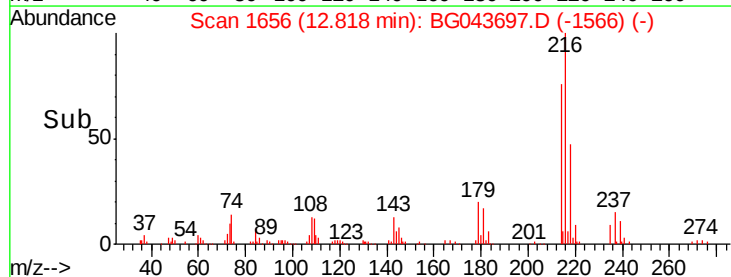
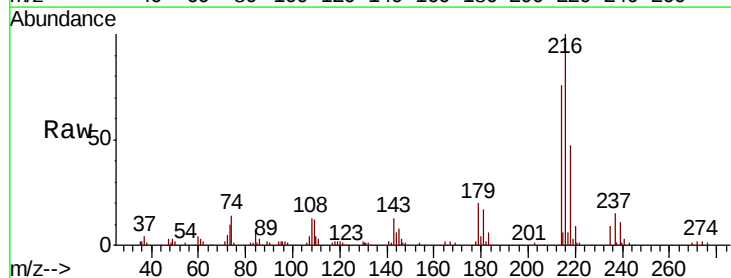
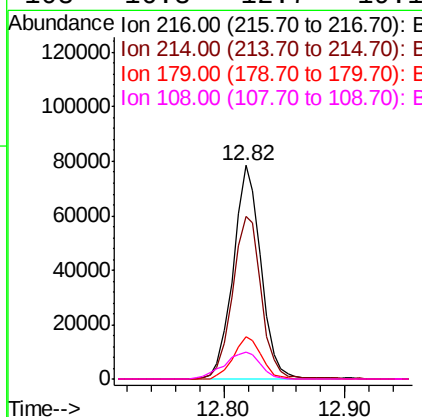
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.959 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.8	94.2
179	20.2	16.5	24.7
108	16.3	12.7	19.1





#41

Hexachlorocyclopentadiene

Concen: 72.933 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

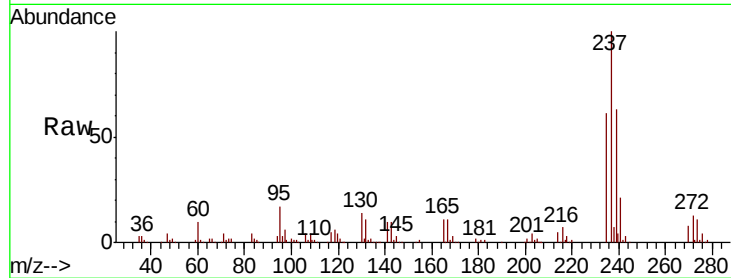
ClientSampleId :

PB124838BS

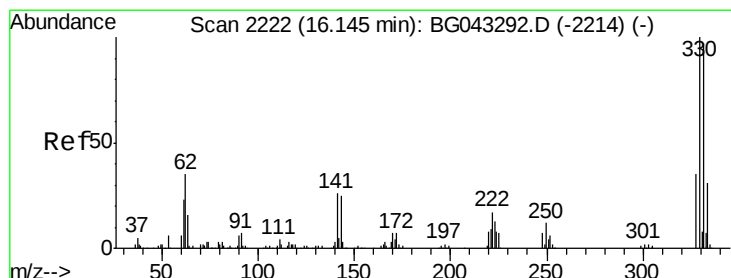
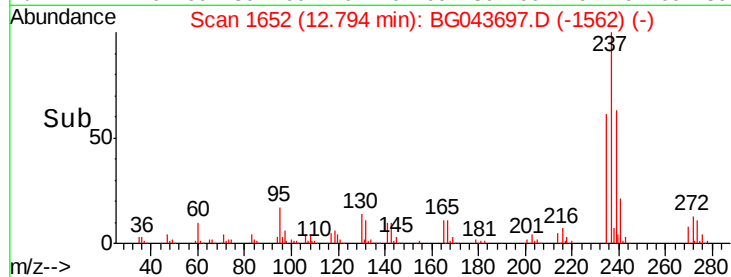
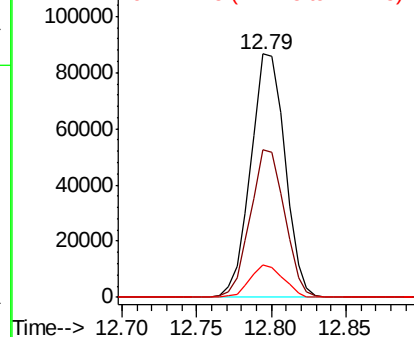
Tot Ion:	237	Resp:	137387
Ion Ratio	Lower	Upper	
237	100		
235	60.7	42.2	82.2
272	13.2	0.0	32.6

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



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



#42

2,4,6-Tribromophenol

Concen: 93.326 ng

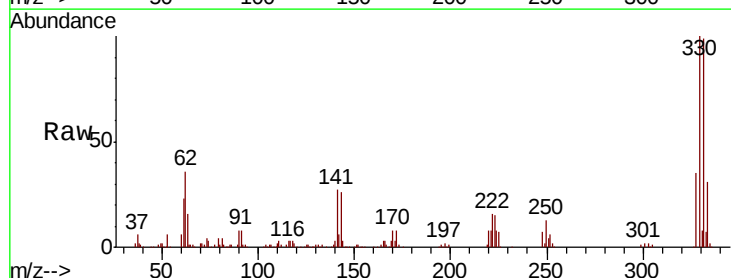
RT: 16.12 min Scan# 2218

Delta R.T. 0.00 min

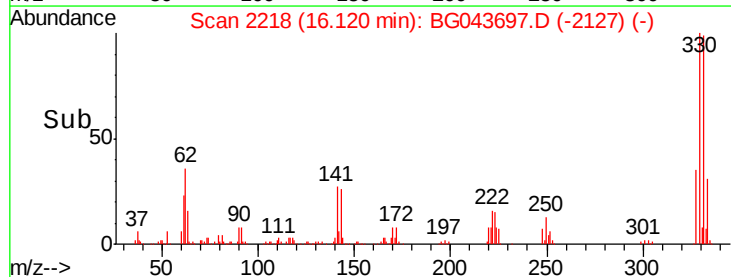
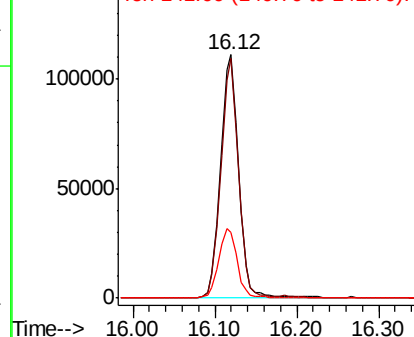
Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Tgt Ion:	330	Resp:	172087
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.6	115.0
141	29.0	23.4	35.2



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





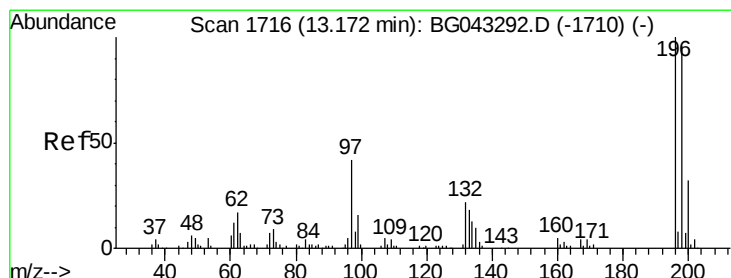
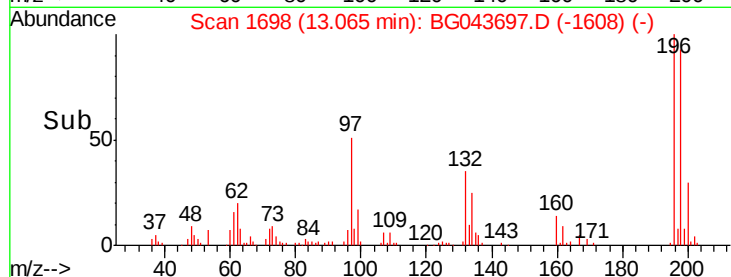
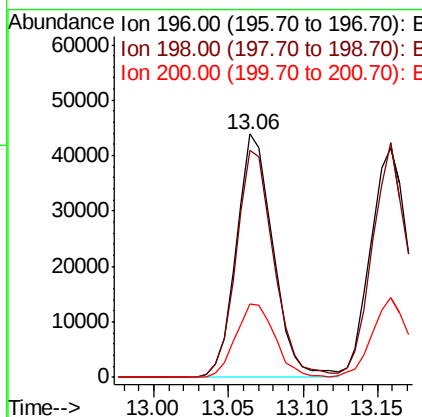
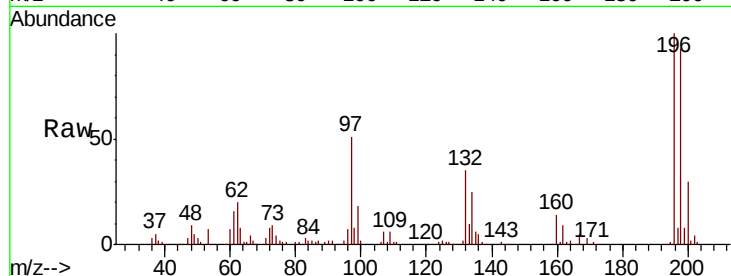
#43
 2,4,6-Trichlorophenol
 Concen: 35.665 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Instrument :
 BNA_G
 ClientSampleId :
 PB124838BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.0	81.3	121.9
200	30.3	28.2	42.2

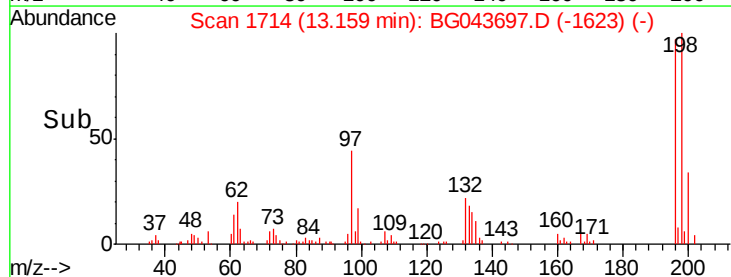
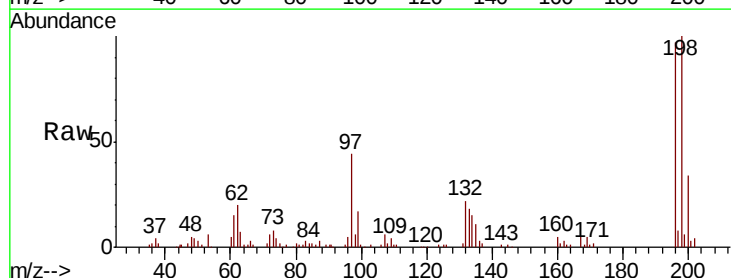
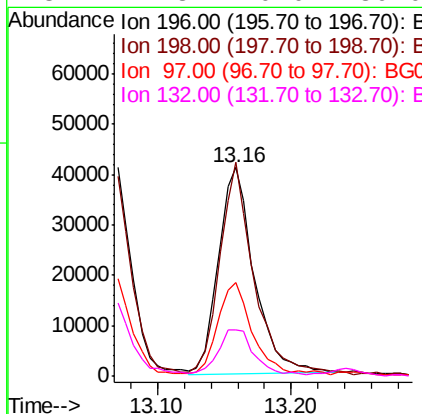
Manual Integrations
 APPROVED

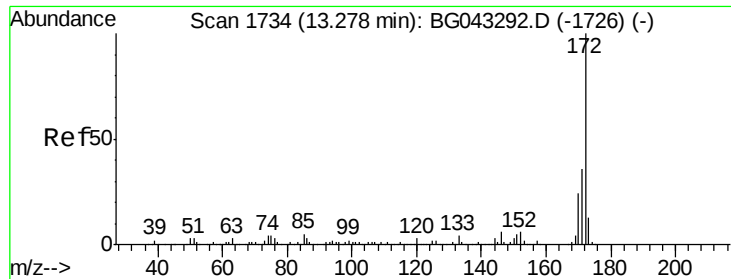
mohammad
 11/21/2019 9:04:08 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.126 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.7	77.4	116.2
97	45.0	35.9	53.9
132	22.3	20.0	30.0





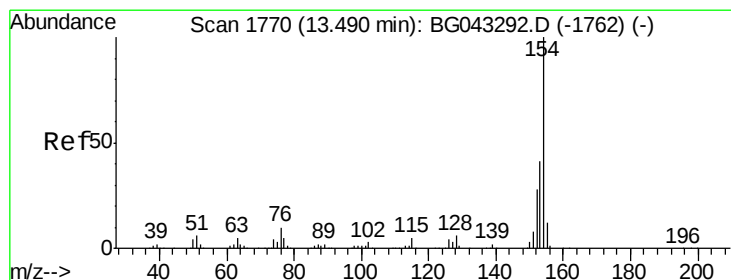
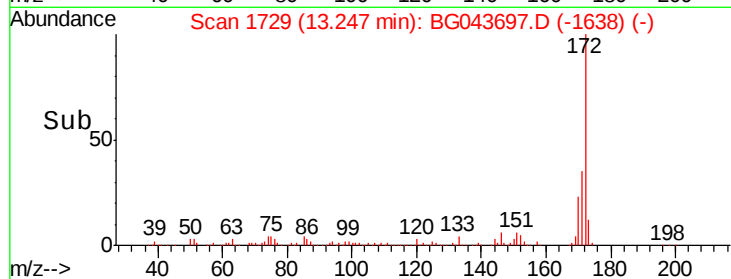
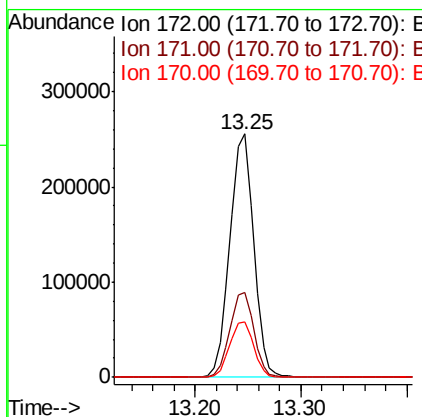
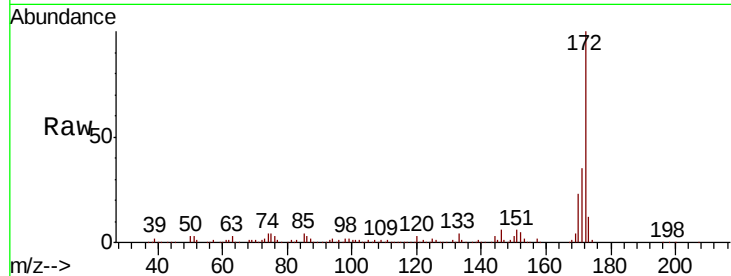
#45
2-Fluorobiphenyl
Concen: 56.898 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	398983		
171	34.6	28.1	42.1	
170	22.8	18.8	28.2	

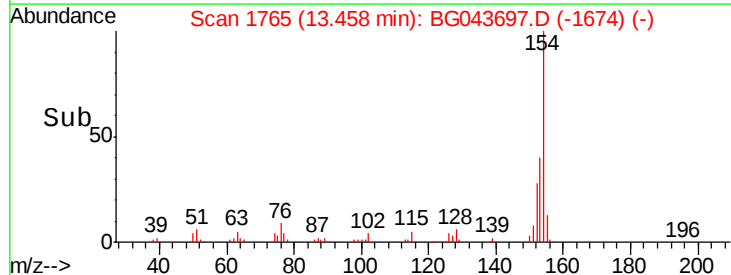
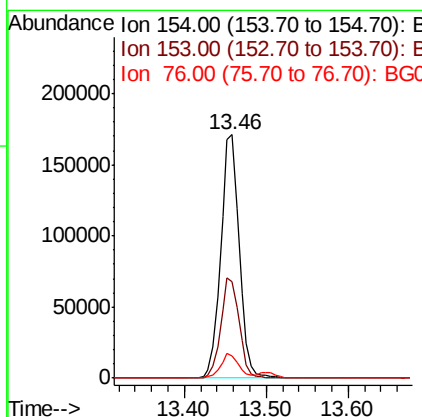
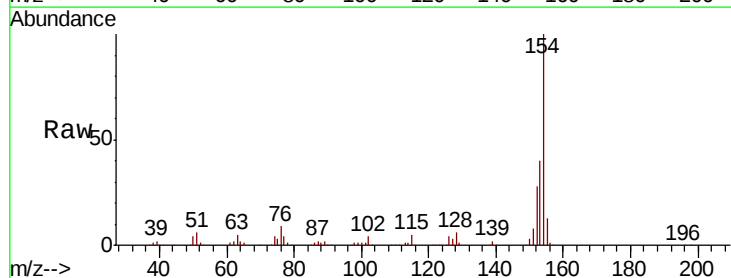
Manual Integrations
APPROVED

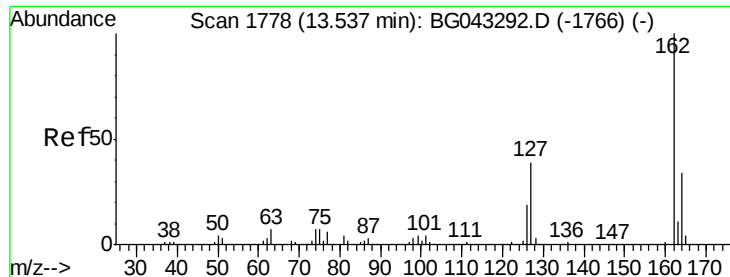
mohammad
11/21/2019 9:04:08 AM



#46
1,1'-Biphenyl
Concen: 36.521 ng
RT: 13.46 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	269210		
153	39.7	22.6	62.6	
76	9.3	0.0	29.1	





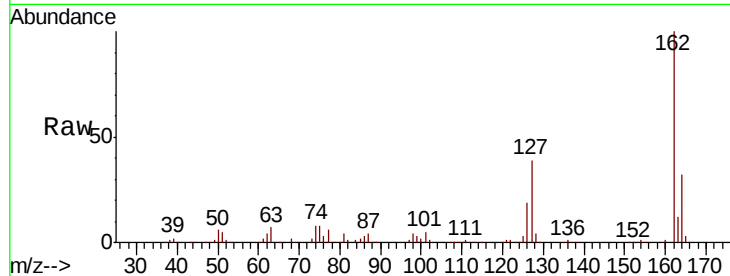
#47
2-Chloronaphthalene
Concen: 37.040 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.8	49.2
164	32.2	27.8	41.8

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM

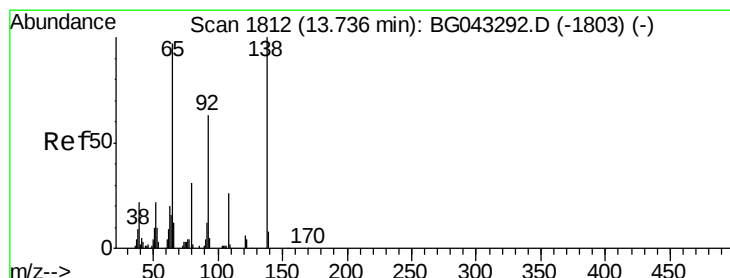
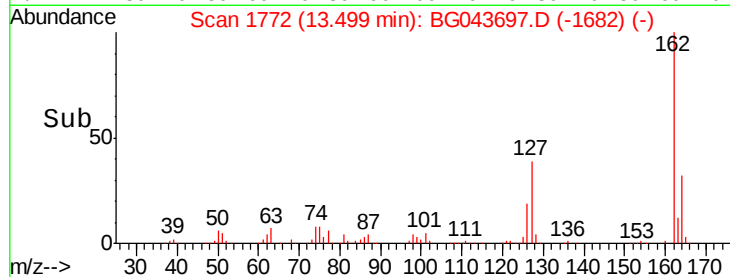
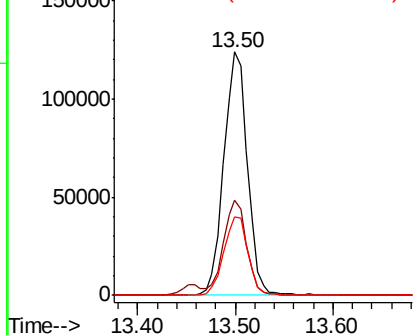


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 35.362 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

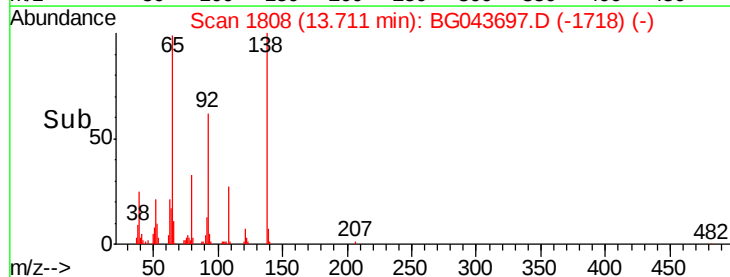
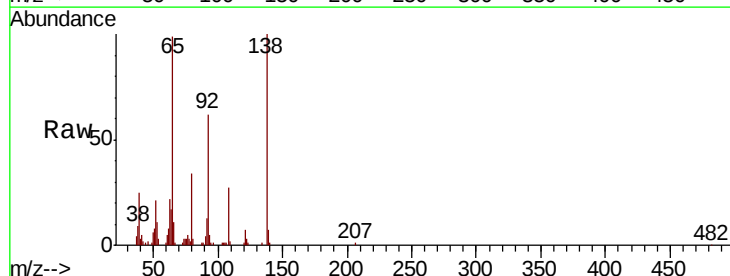
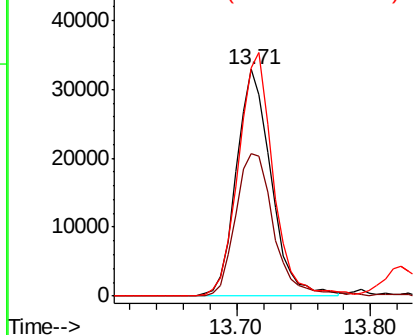
Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	54.9	82.3
138	100.6	85.0	127.6

Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.887 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

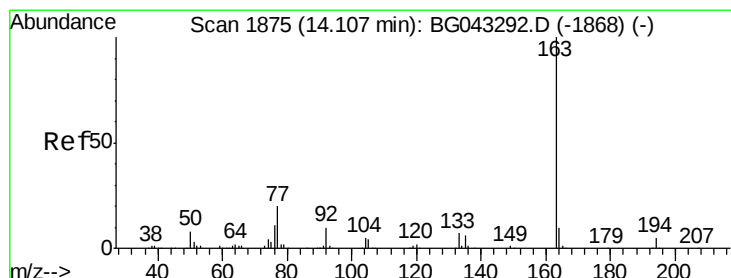
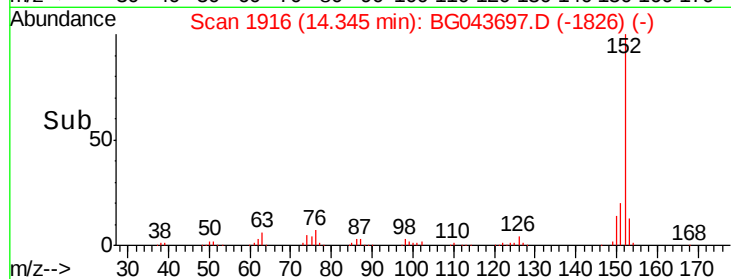
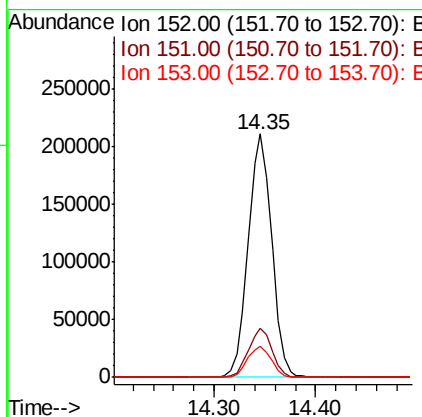
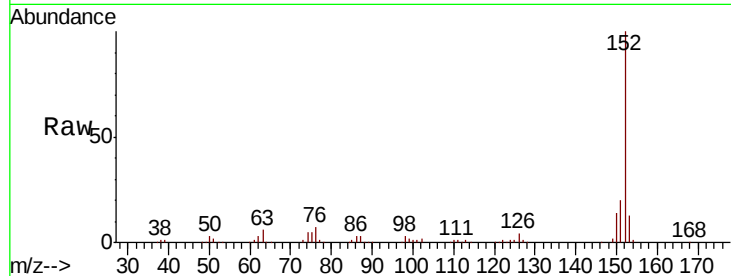
ClientSampleId :

PB124838BS

Tot Ion:	152	Resp:	339441
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.1	24.1
153	13.0	11.0	16.4

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#50

Dimethylphthalate

Concen: 36.503 ng

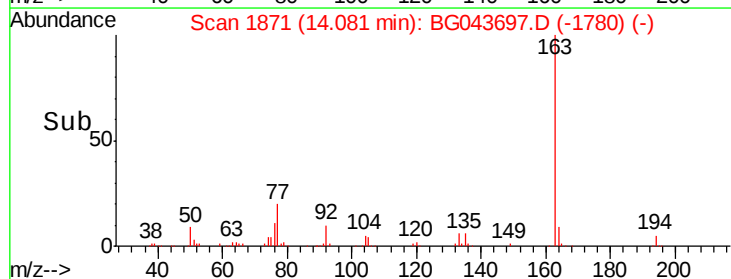
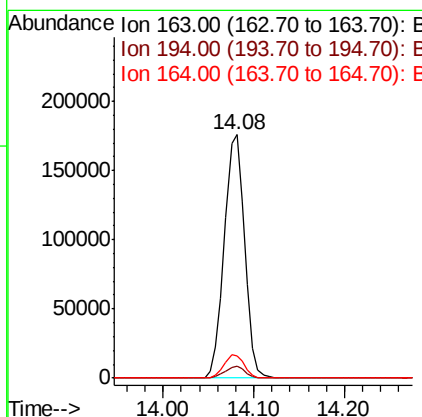
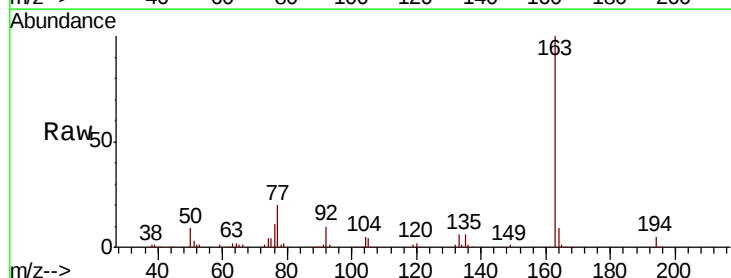
RT: 14.08 min Scan# 1871

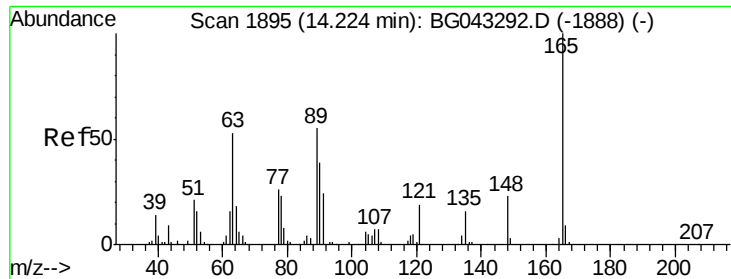
Delta R.T. 0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Tgt Ion:	163	Resp:	273963
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	8.9	8.5	12.7





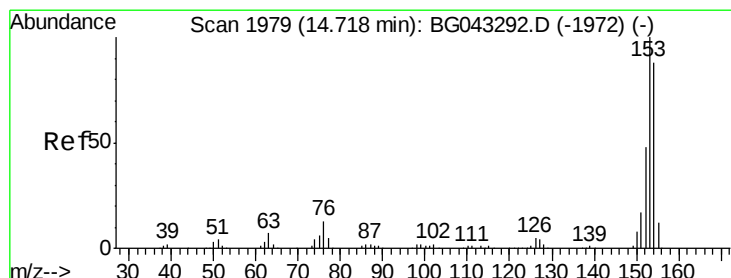
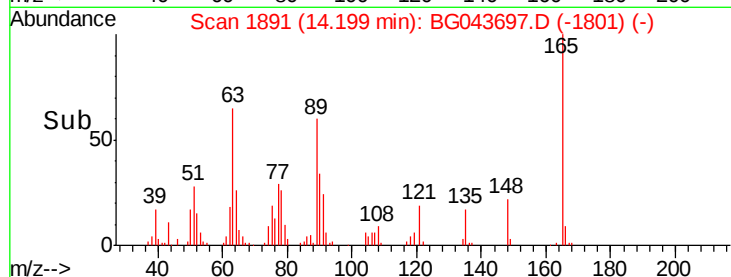
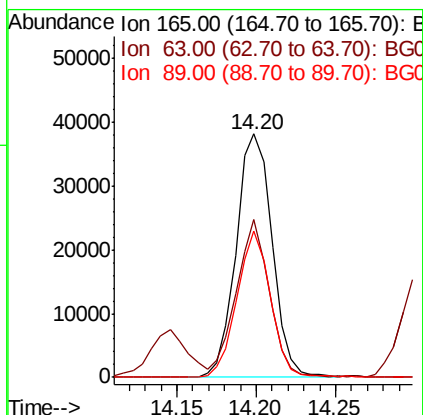
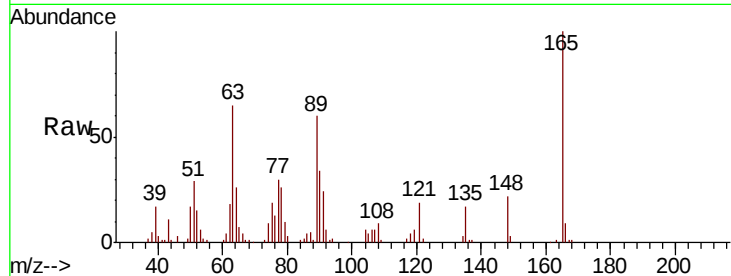
#51
2,6-Dinitrotoluene
Concen: 36.880 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.9	45.0	67.6
89	60.0	39.8	59.8

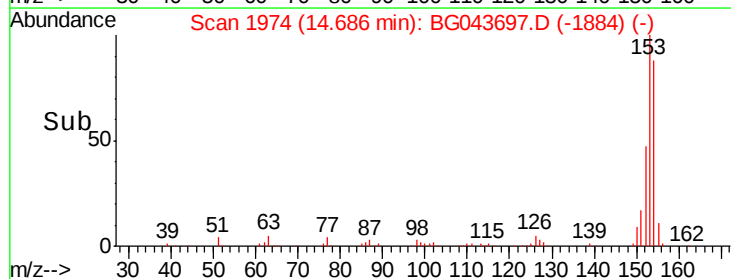
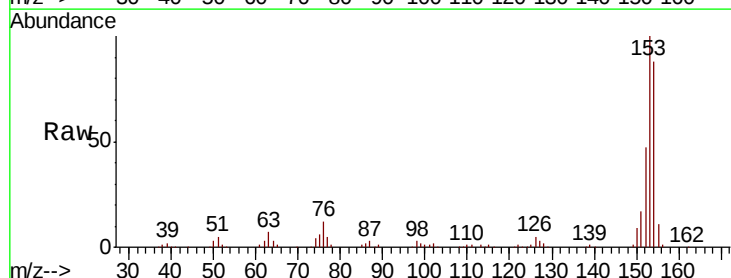
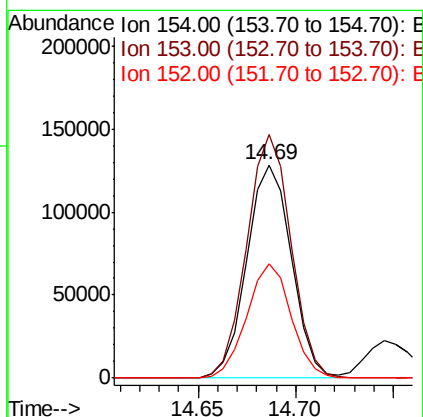
Manual Integrations
APPROVED

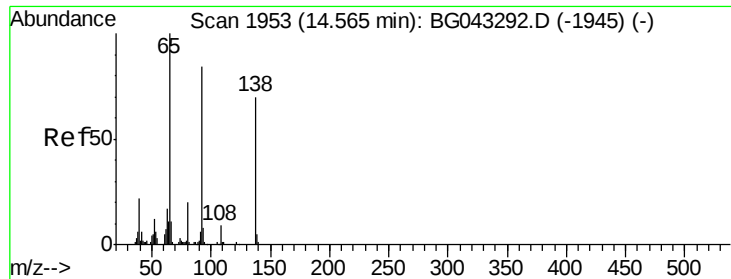
mohammad
11/21/2019 9:04:08 AM



#52
Acenaphthene
Concen: 38.313 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.2	133.8
152	53.7	41.4	62.0





#53

3-Nitroaniline

Concen: 23.590 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

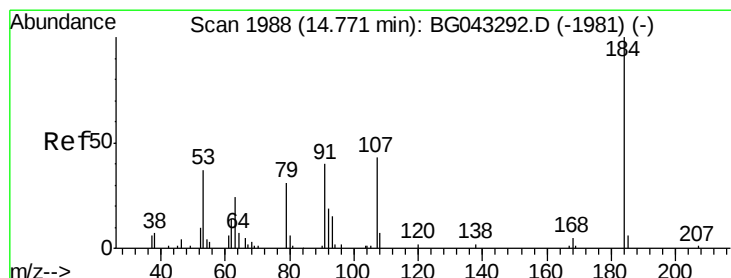
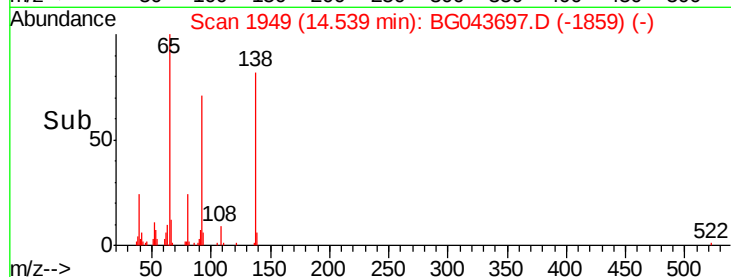
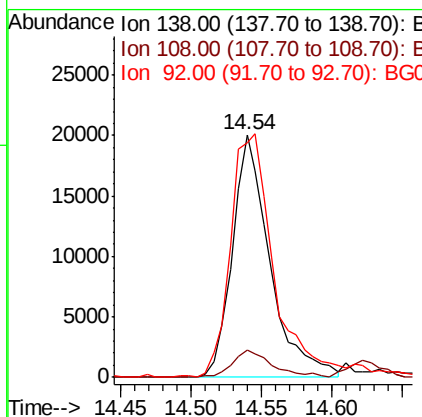
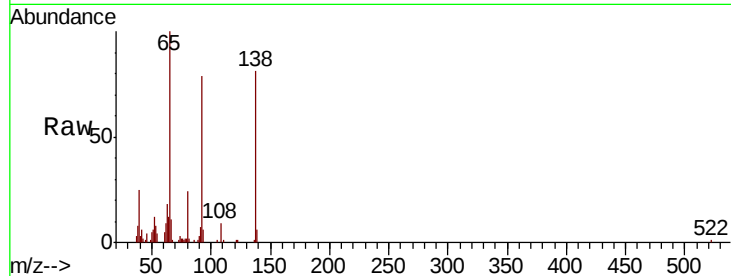
ClientSampleId :

PB124838BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.8	14.8
92	97.0	88.1	132.1

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#54

2,4-Dinitrophenol

Concen: 65.099 ng

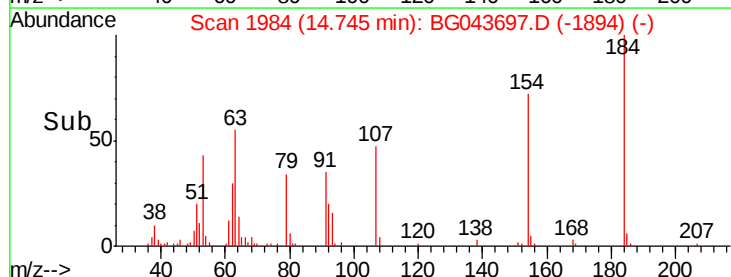
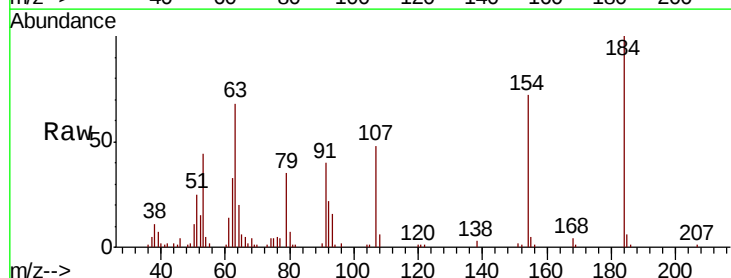
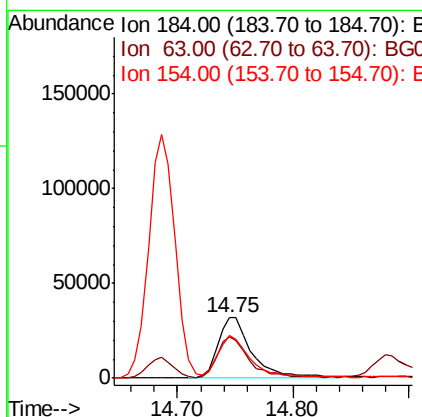
RT: 14.75 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	59.0	88.4
154	71.7	57.4	86.2





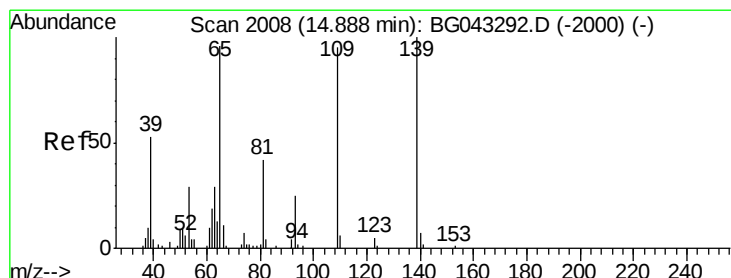
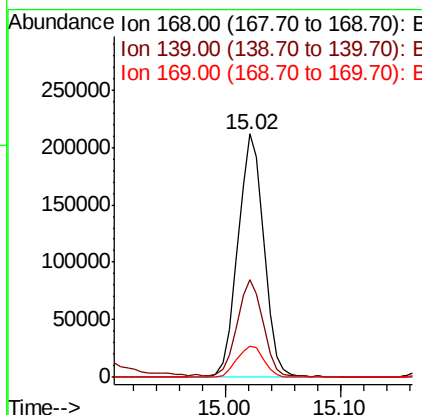
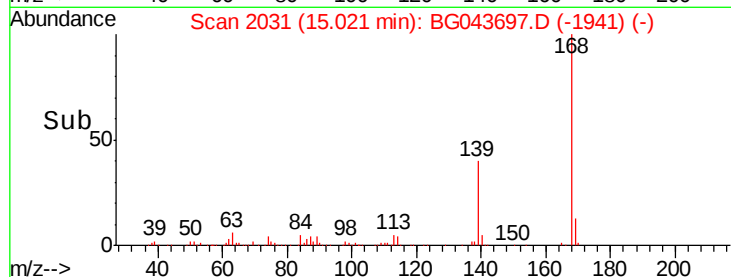
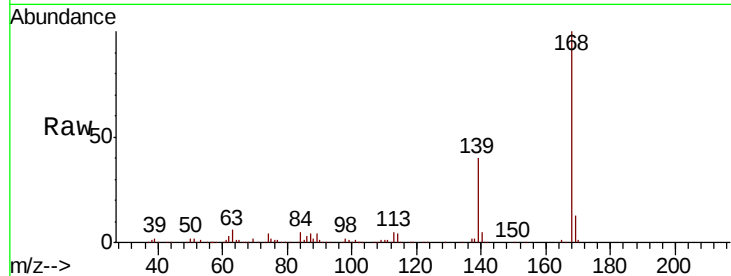
#55
Dibenzenofuran
Concen: 38.144 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.7	49.1
169	13.0	10.6	15.8

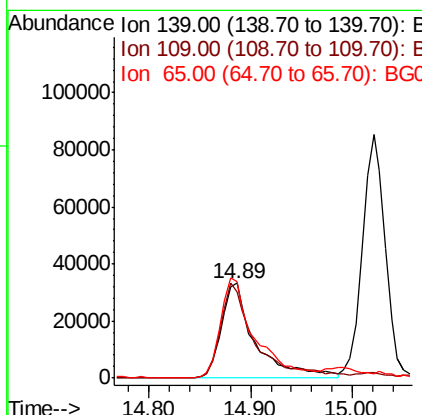
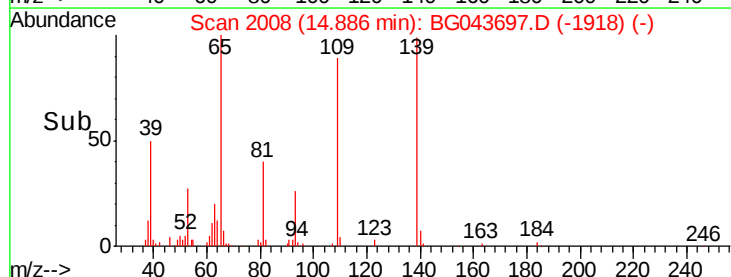
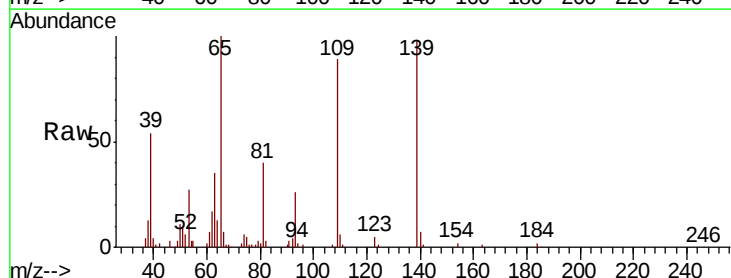
Manual Integrations
APPROVED

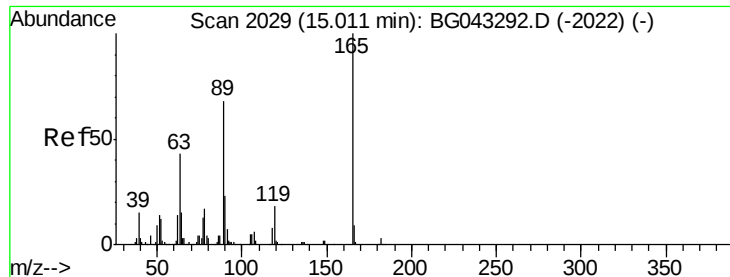
mohammad
11/21/2019 9:04:08 AM



#56
4-Nitrophenol
Concen: 73.255 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.7	64.0	104.0
65	101.8	75.6	115.6





#57

2,4-Dinitrotoluene

Concen: 38.031 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

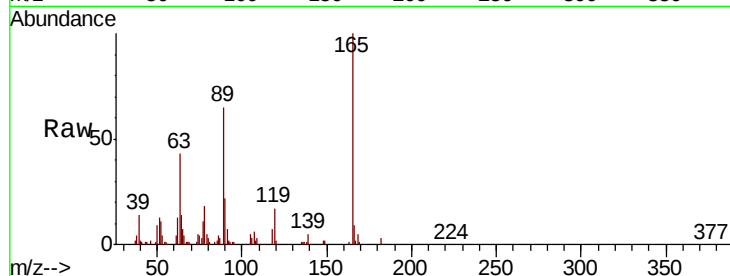
ClientSampleId :

PB124838BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		88618		
63	43.5		37.4	56.0	
89	64.5		50.9	76.3	
182	2.9		2.3	3.5	

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM

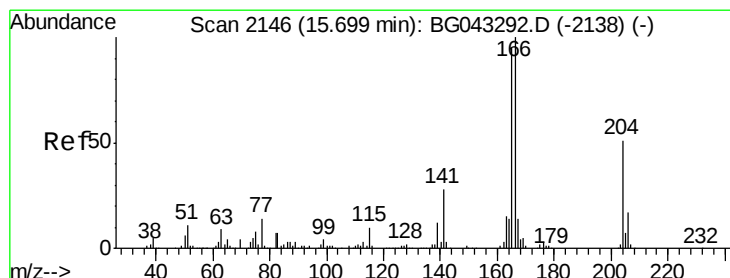
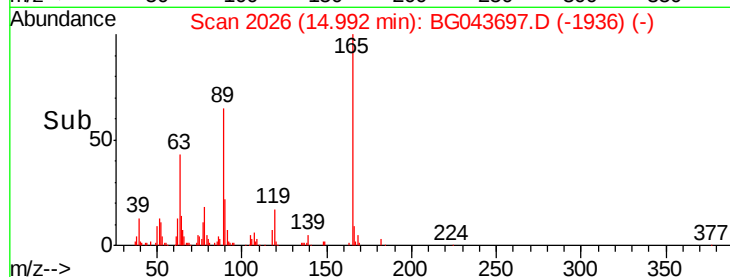
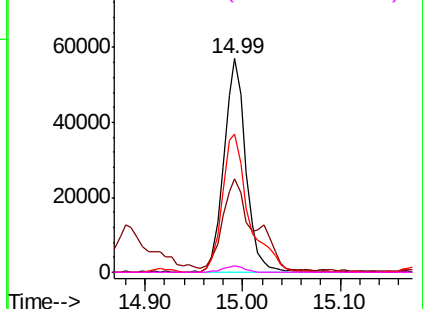


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.151 ng

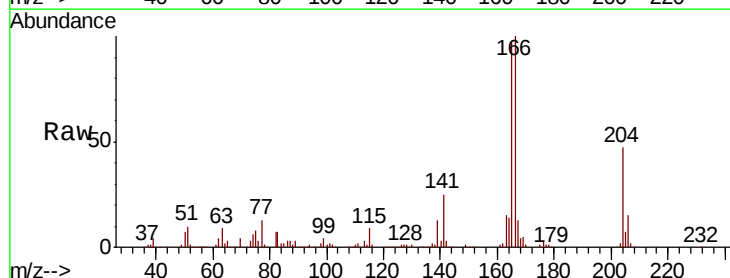
RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

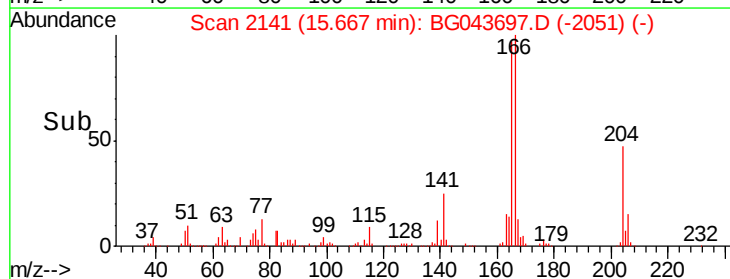
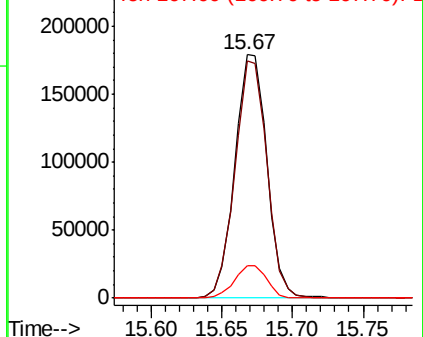
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		283460		
165	97.4		78.4	117.6	
167	13.4		11.2	16.8	

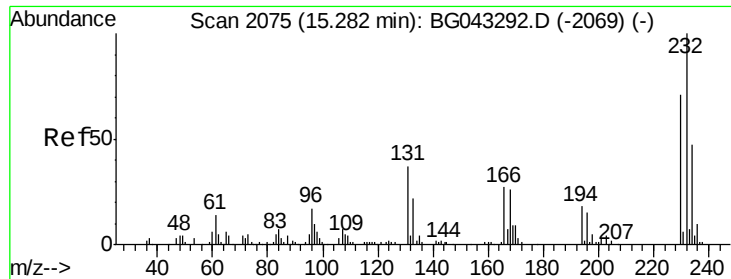


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





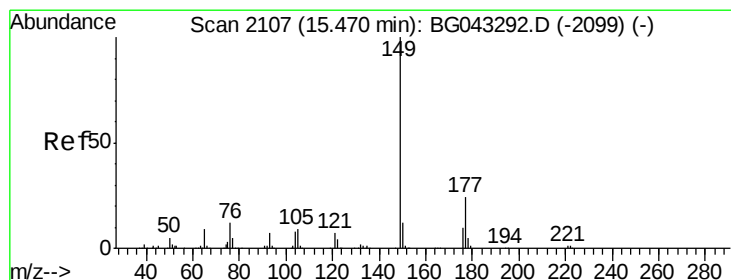
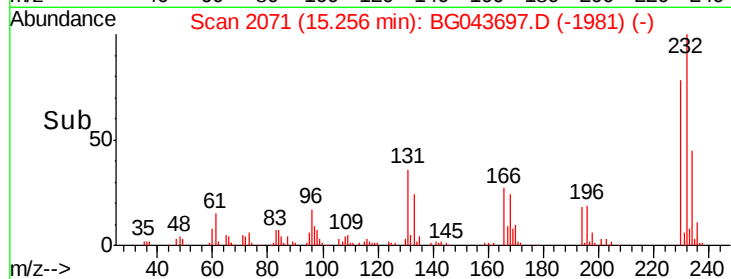
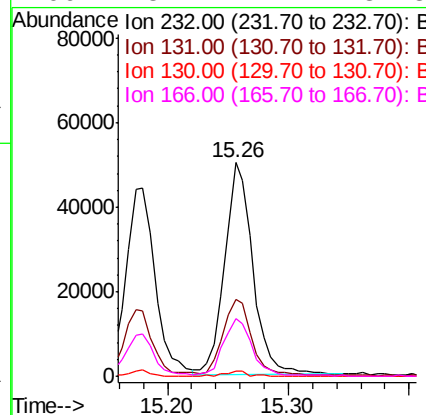
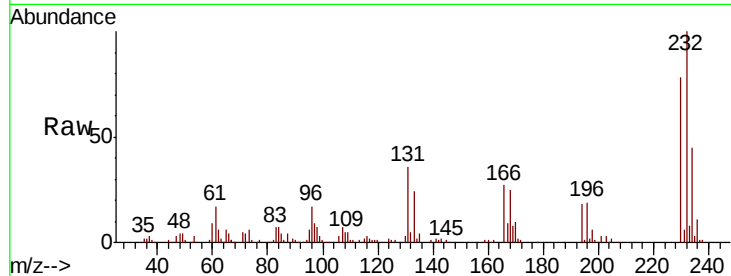
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.652 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Instrument :
 BNA_G
 ClientSampleId :
 PB124838BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	80872		
131	36.4		29.6	44.4
130	1.9		1.4	2.0
166	28.7		21.2	31.8

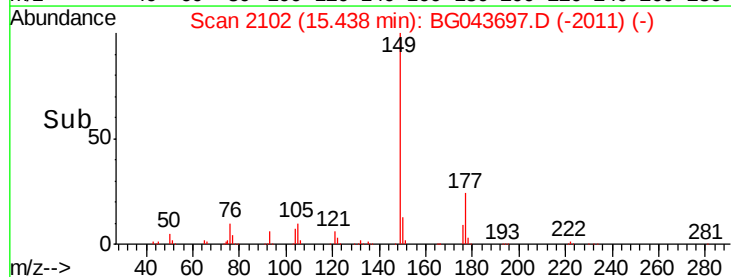
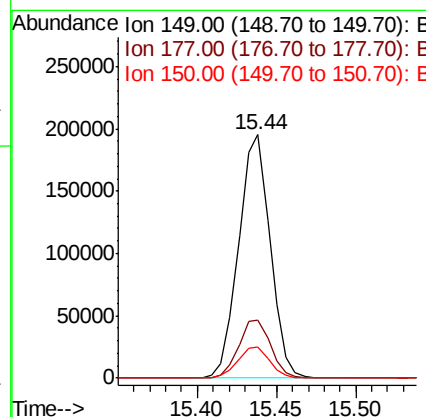
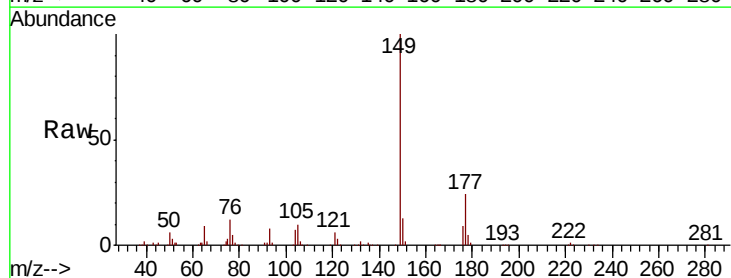
Manual Integrations
 APPROVED

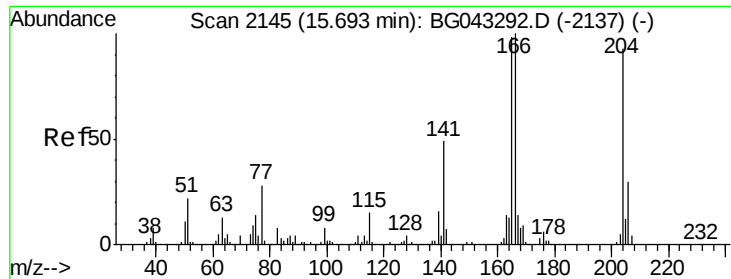
mohammad
 11/21/2019 9:04:08 AM



#60
 Diethylphthalate
 Concen: 35.713 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	269317		
177	23.6		19.3	28.9
150	13.0		10.5	15.7





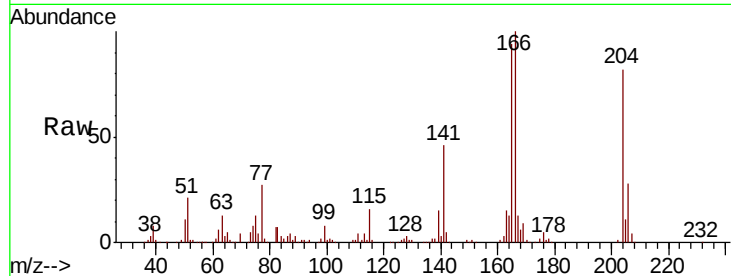
#61
4-Chlorophenyl-phenylether
Concen: 36.312 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	28.2	42.4
141	56.7	44.5	66.7

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM

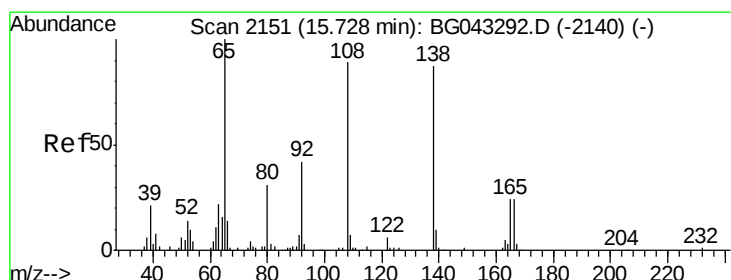
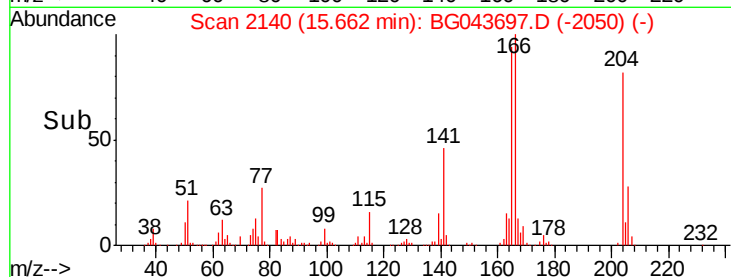
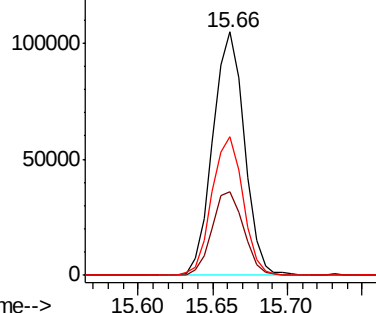


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.382 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

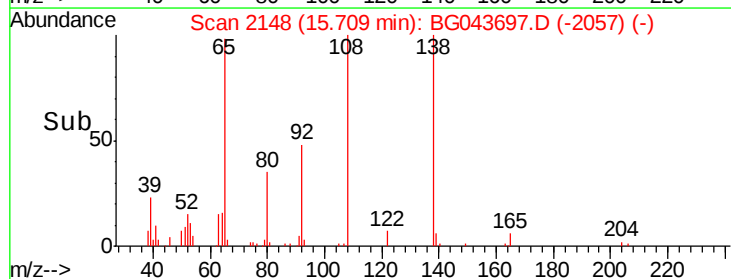
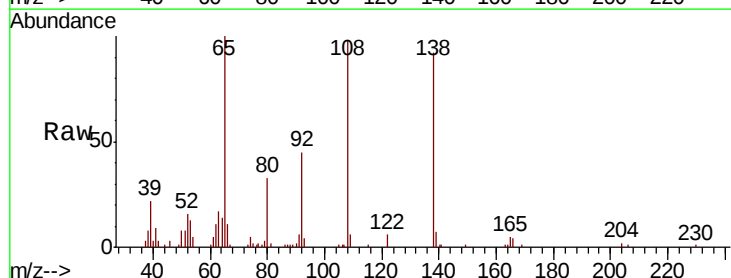
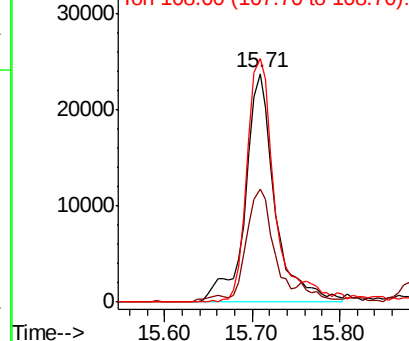
Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.0	71.0
108	106.4	85.0	125.0

Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





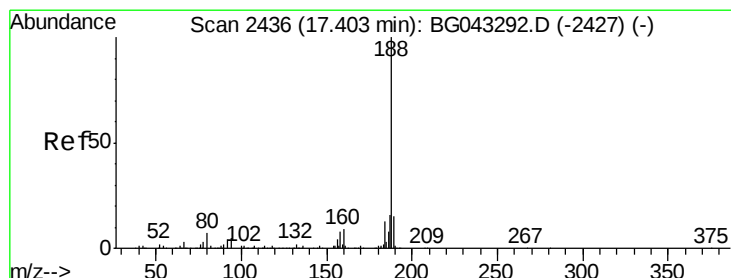
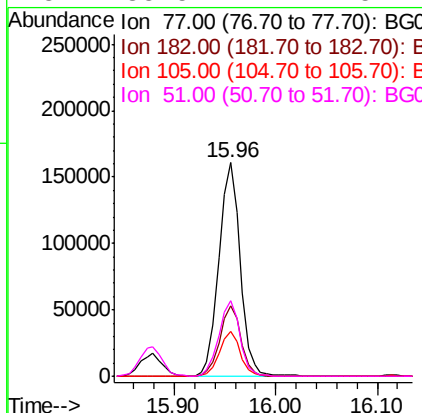
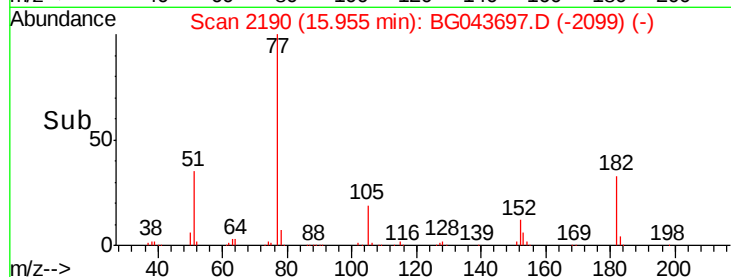
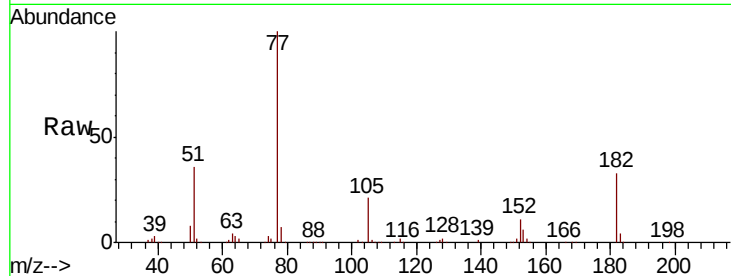
#63
Azobenzene
Concen: 38.569 ng
RT: 15.96 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.8	11.2	51.2
105	21.1	1.5	41.5
51	35.5	14.7	54.7

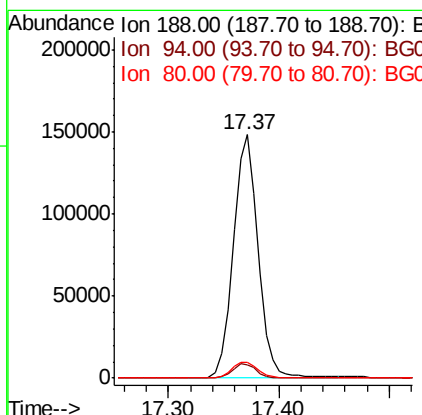
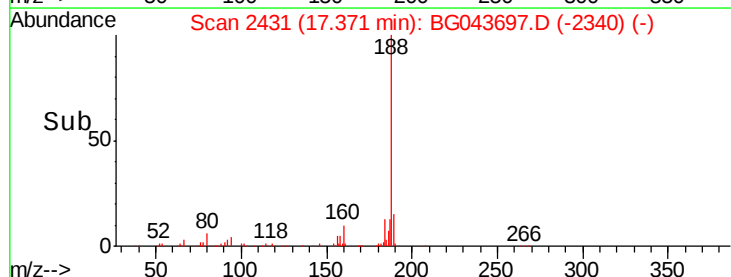
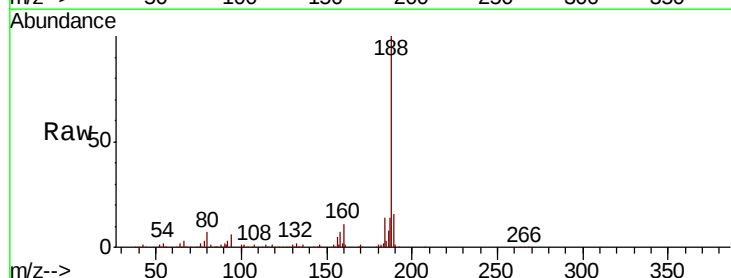
Manual Integrations
APPROVED

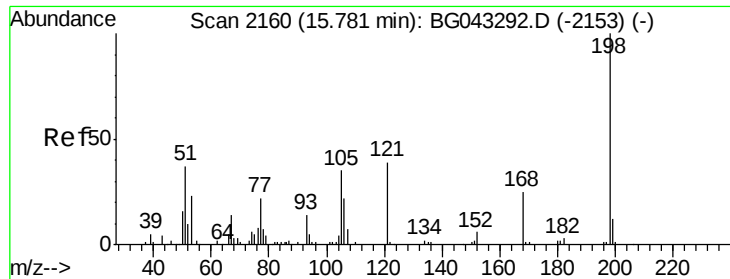
mohammad
11/21/2019 9:04:08 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.6	7.0
80	6.6	5.2	7.8





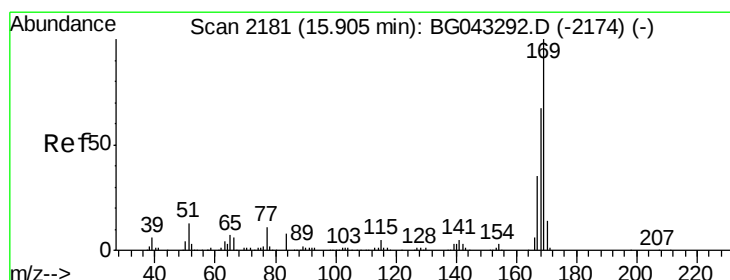
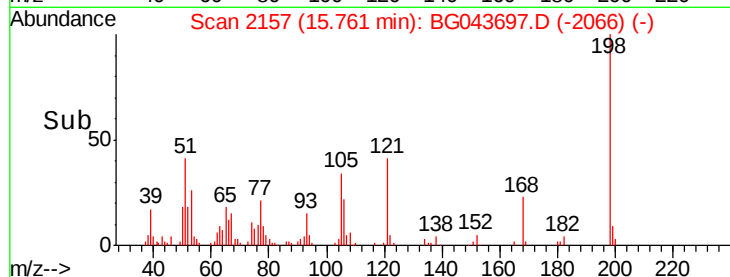
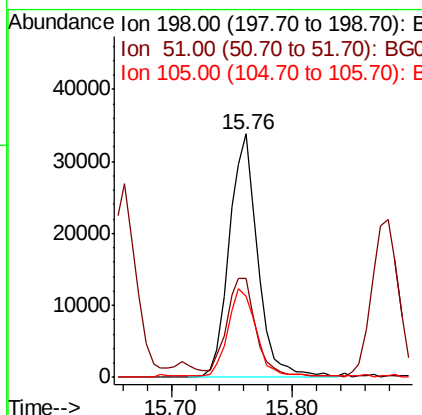
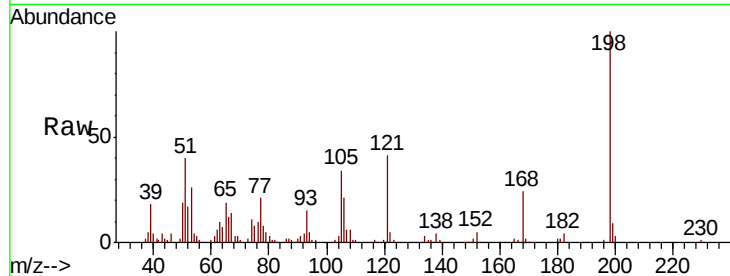
#65
4,6-Dinitro-2-methylphenol
Concen: 40.272 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	55395		
51	40.5	17.3	57.3	
105	33.5	13.9	53.9	

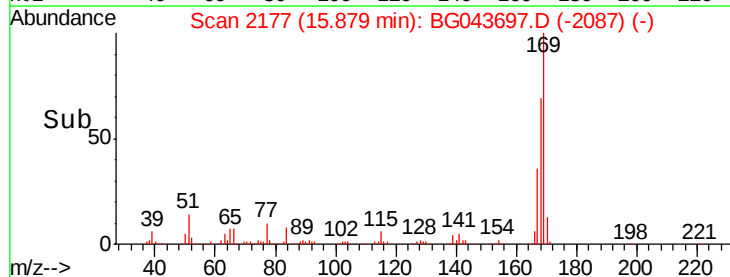
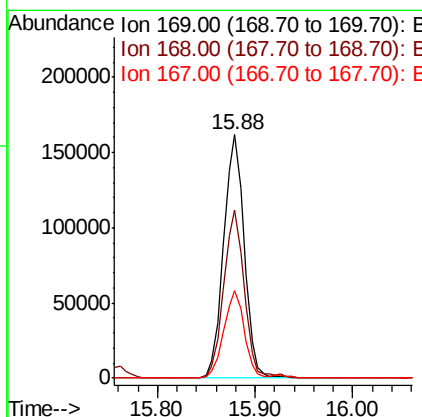
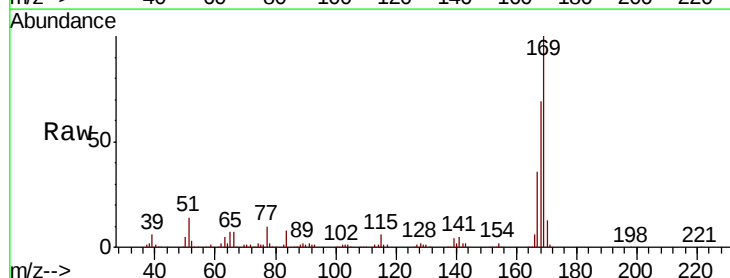
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#66
n-Nitrosodiphenylamine
Concen: 36.053 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	237912		
168	69.0	56.2	84.4	
167	36.0	29.8	44.8	





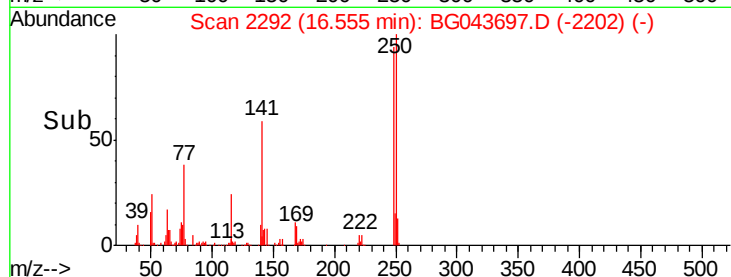
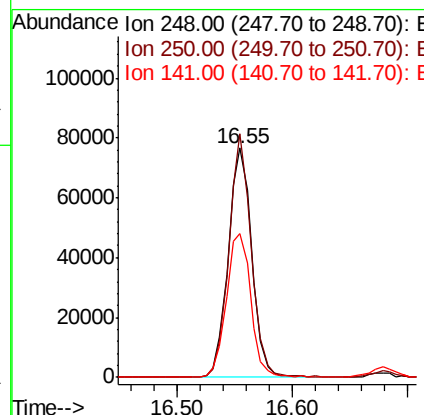
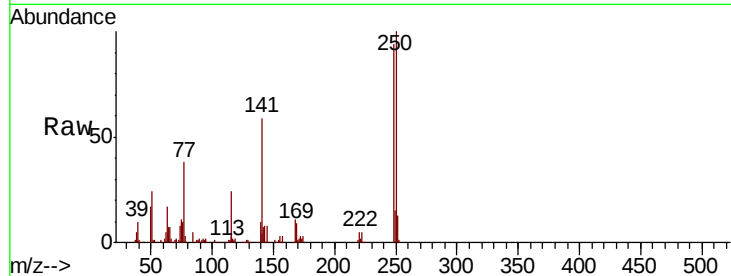
#67
4-Bromophenyl-phenylether
Concen: 34.531 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	106.3	76.3	114.5
141	62.9	49.5	74.3

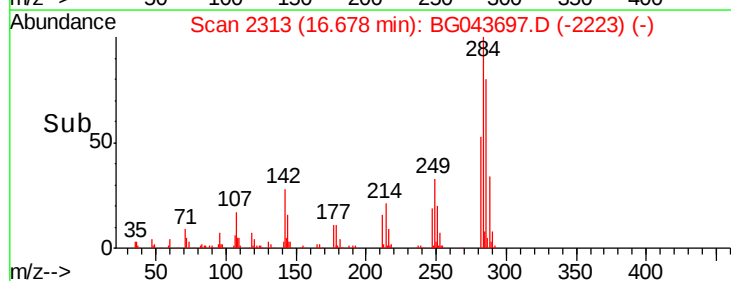
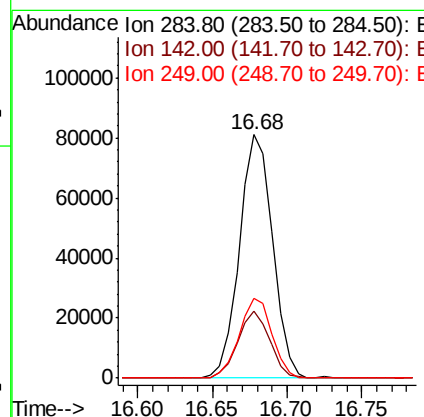
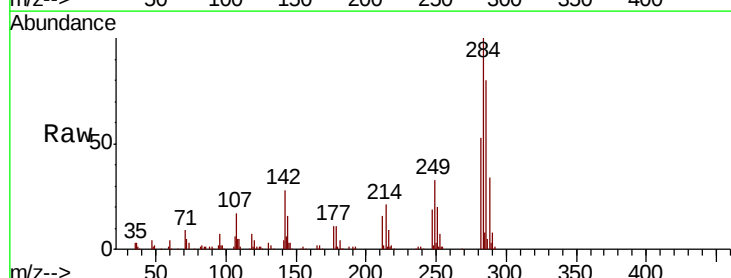
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#68
Hexachlorobenzene
Concen: 34.688 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	23.2	34.8
249	32.5	27.0	40.4





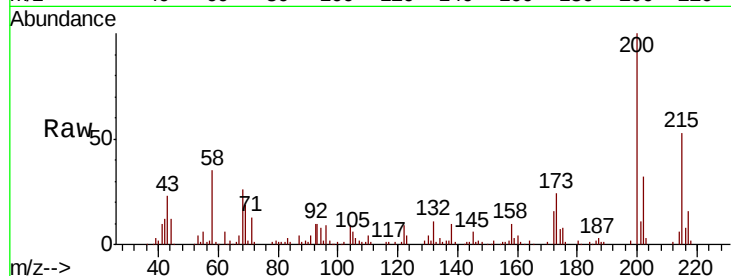
#69
Atrazine
Concen: 40.557 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	92995		
173	24.0	5.1	45.1	
215	52.6	29.8	69.8	

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM

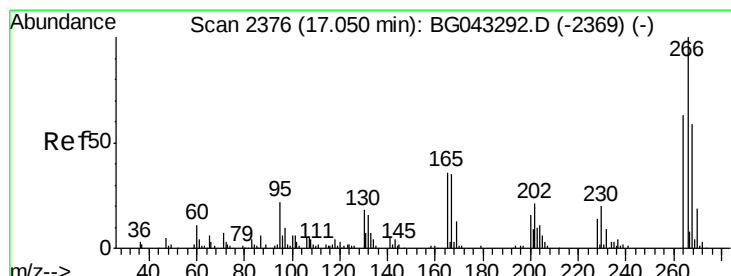
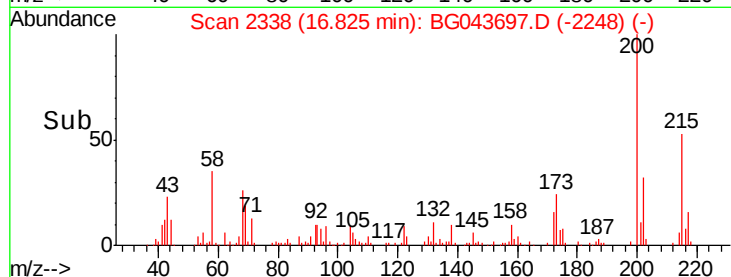
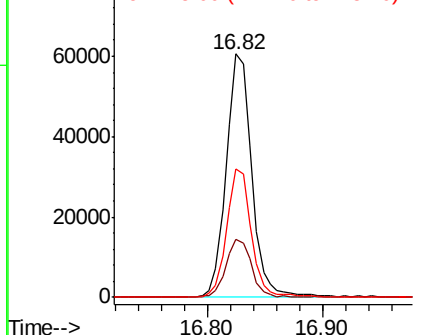


Abundance

Ion 200.00 (199.70 to 200.70): E

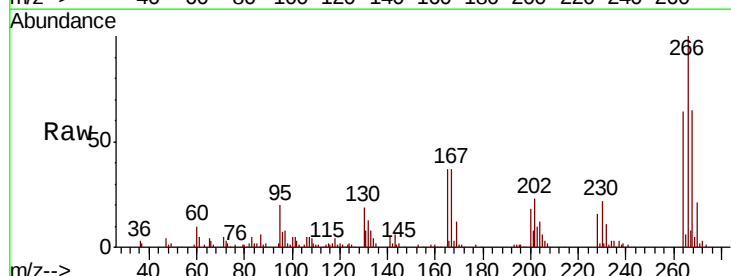
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 70.425 ng
RT: 17.03 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	115867		
268	65.3	53.2	79.8	
264	63.9	48.9	73.3	

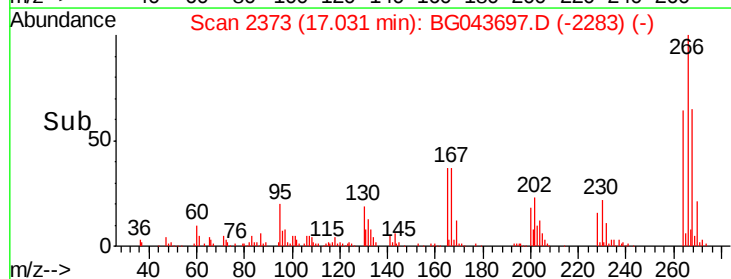
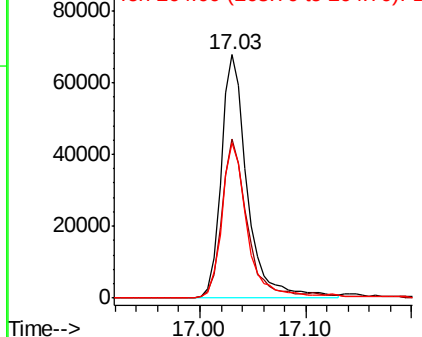


Abundance

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





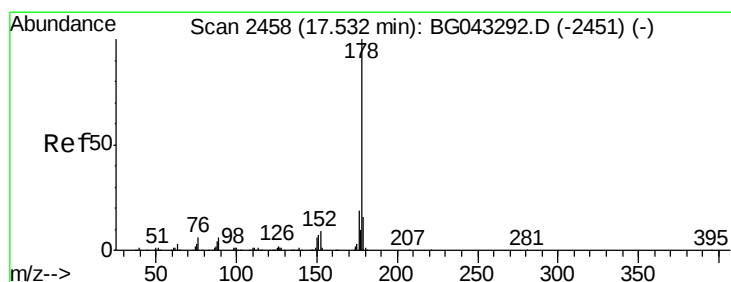
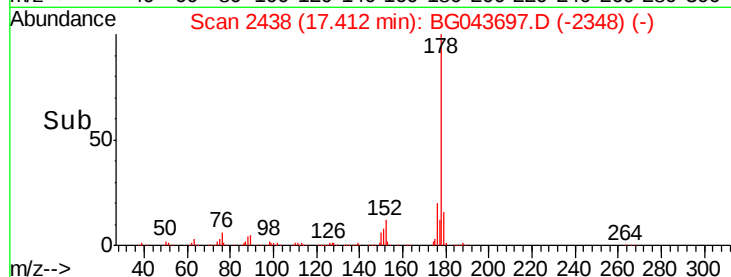
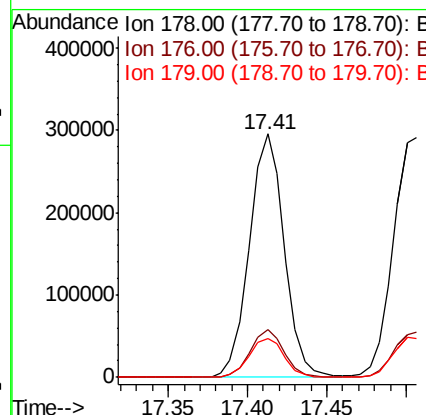
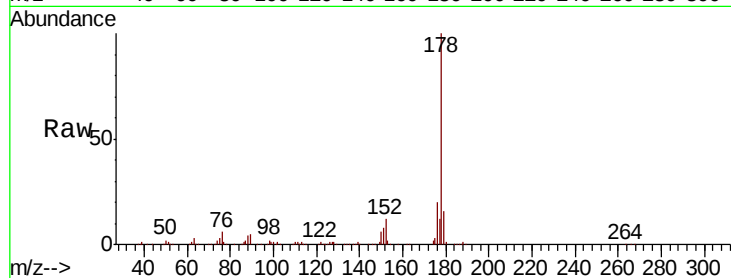
#71
Phenanthrene
Concen: 37.688 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	16.2	13.0	19.4

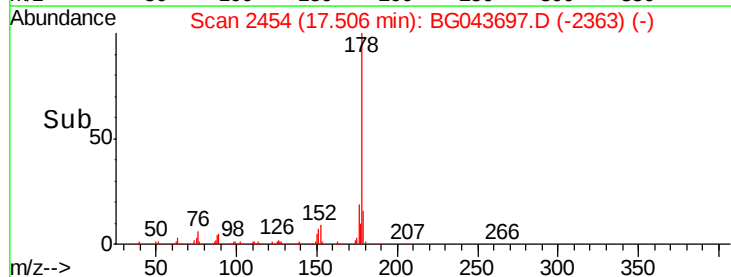
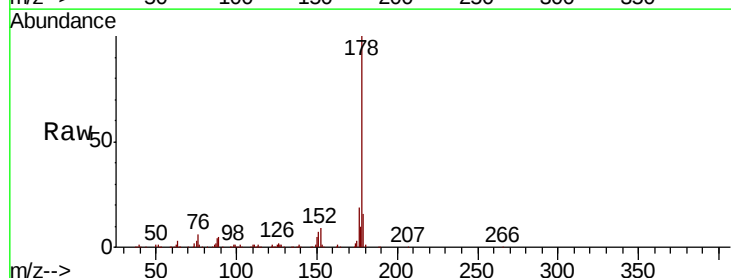
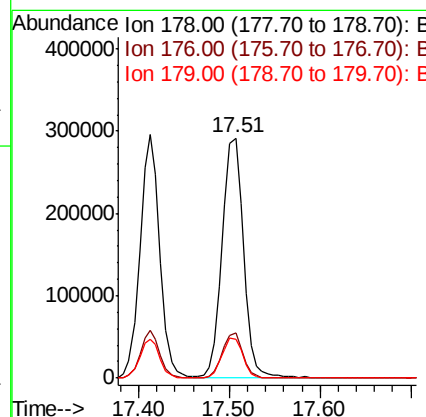
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#72
Anthracene
Concen: 39.811 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	16.0	13.3	19.9





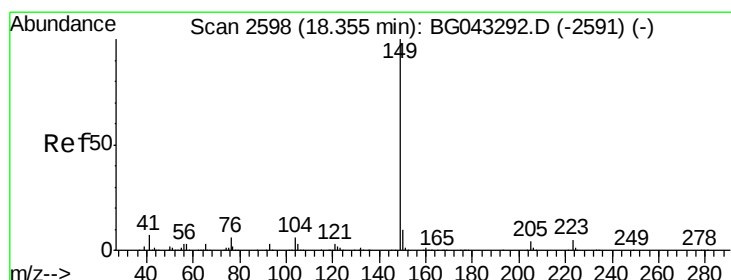
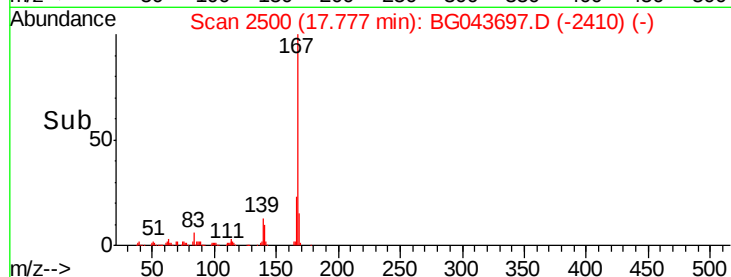
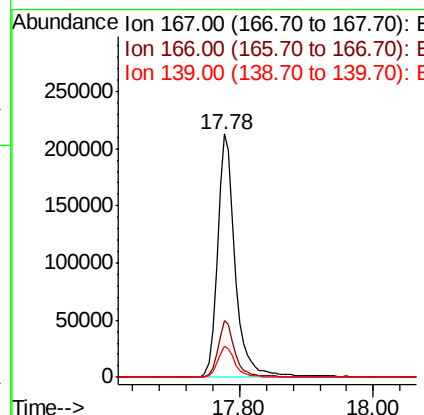
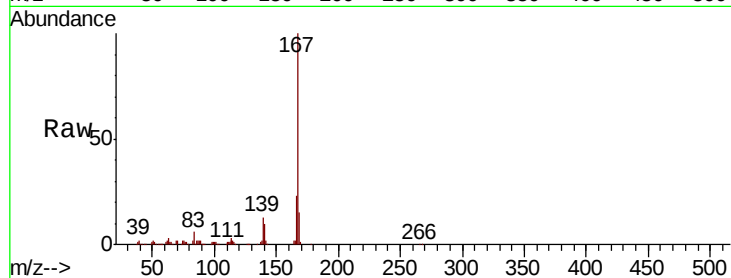
#73
 Carbazole
 Concen: 36.711 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Instrument :
 BNA_G
 ClientSampleId :
 PB124838BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.6	26.4
139	12.8	10.3	15.5

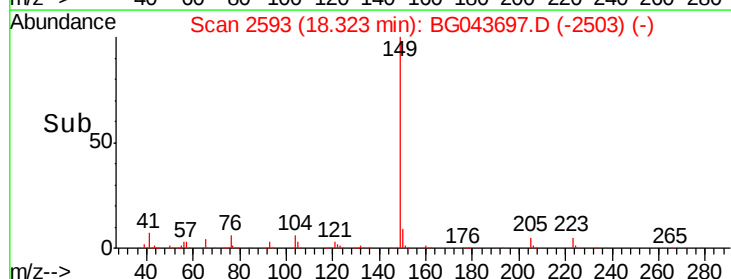
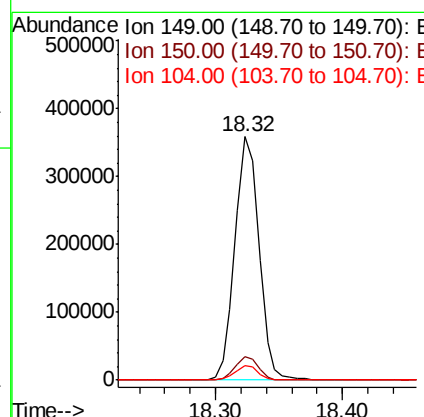
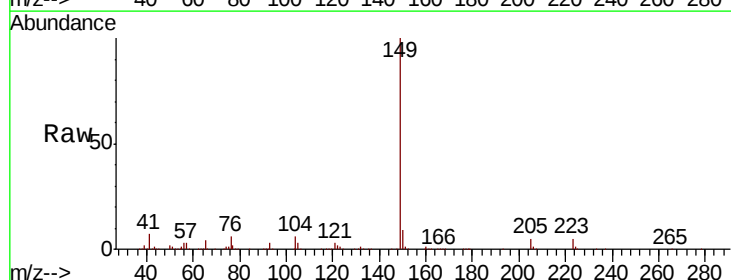
Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:08 AM



#74
 Di-n-butylphthalate
 Concen: 35.868 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.7	4.7	7.1





#75

Fluoranthene

Concen: 38.869 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

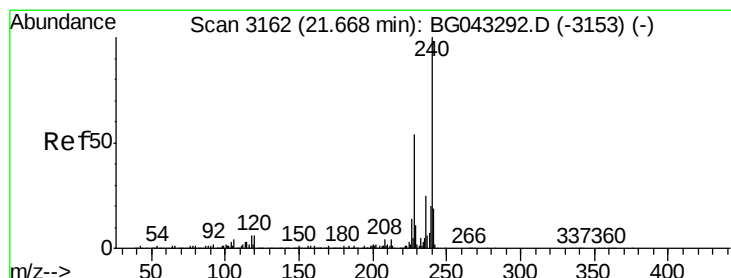
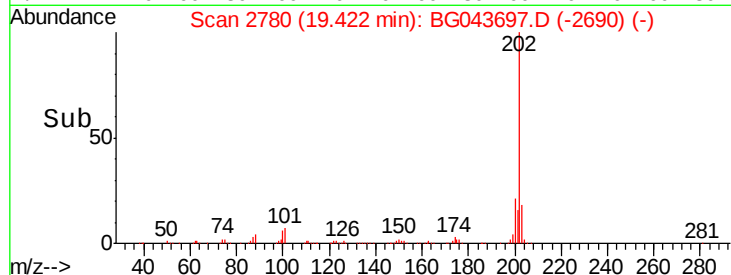
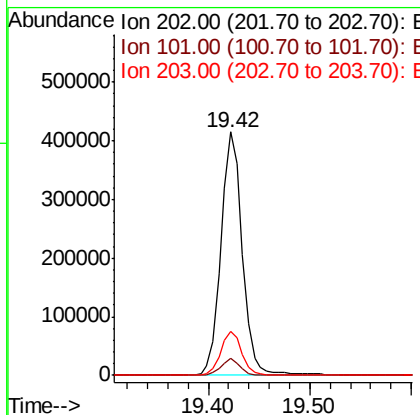
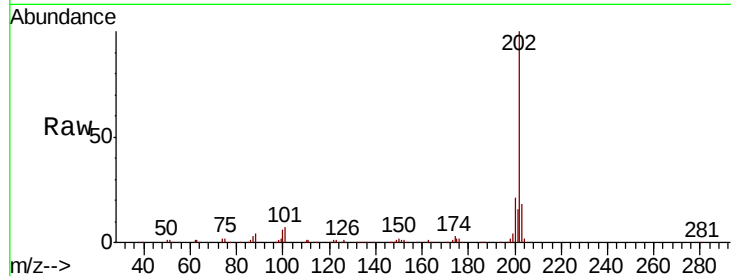
ClientSampleId :

PB124838BS

Tot Ion:	202	Resp:	606497
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	25.6
203	17.8	0.0	37.6

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#76

Chrysene-d12

Concen: 20.000 ng

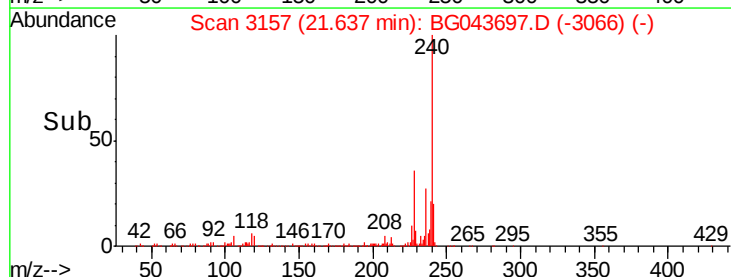
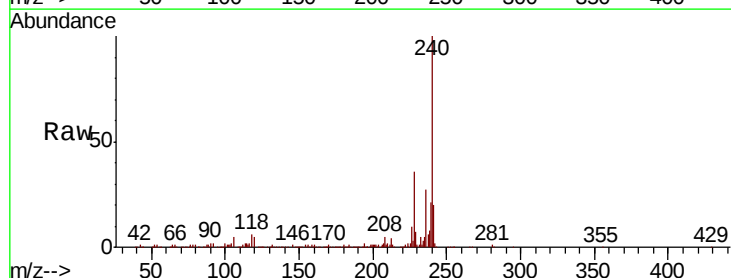
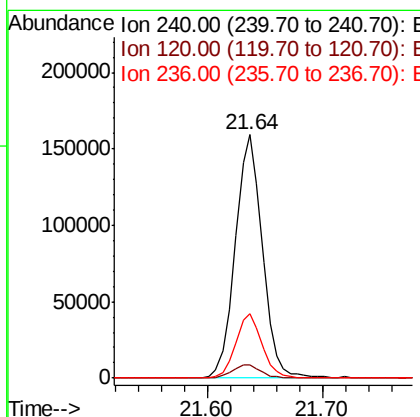
RT: 21.64 min Scan# 3157

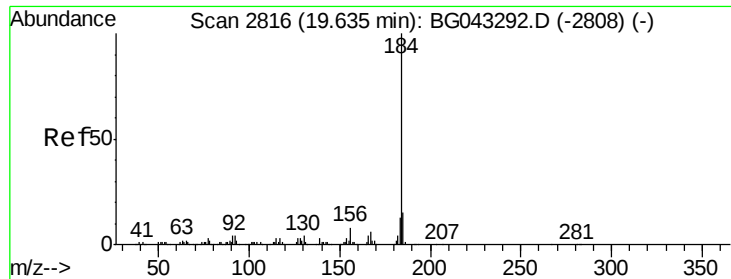
Delta R.T. 0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Tgt Ion:	240	Resp:	258529
Ion Ratio	Lower	Upper	
240	100		
120	5.2	4.9	7.3
236	26.6	21.4	32.0





#77

Benzidine

Concen: 2.650 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.04 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

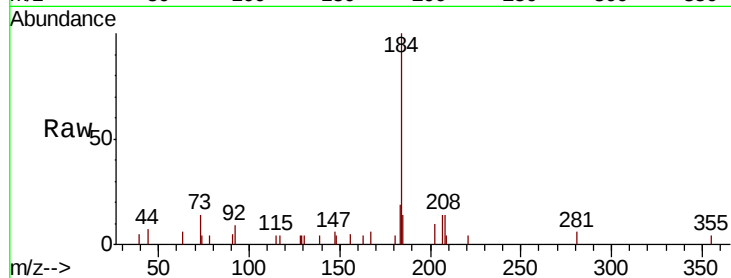
ClientSampleId :

PB124838BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.7	19.1
183	18.6	8.8	13.2

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM

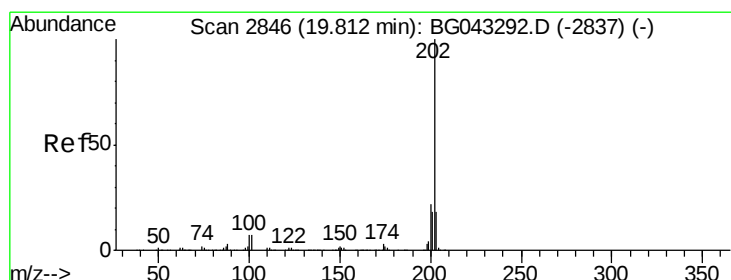
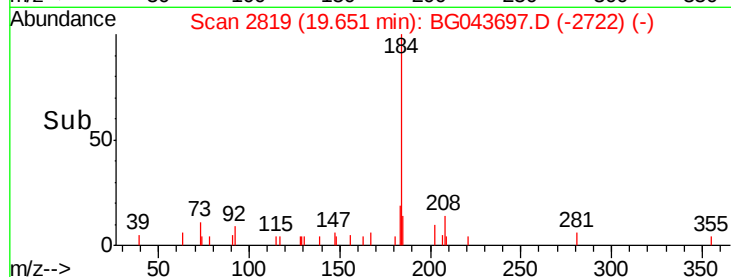
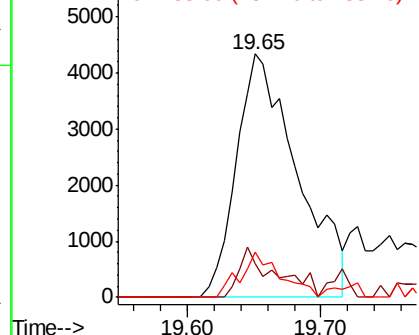


Abundance

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: 39.105 ng

RT: 19.79 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

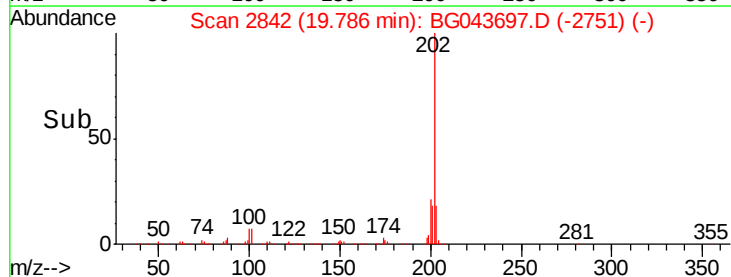
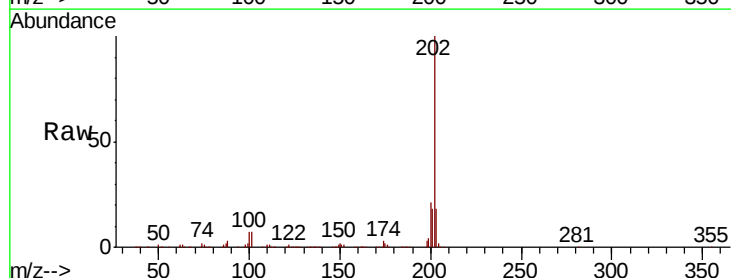
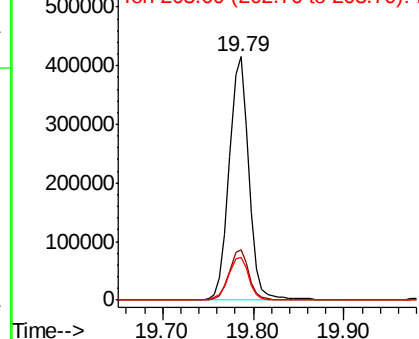
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.7	14.8	22.2

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





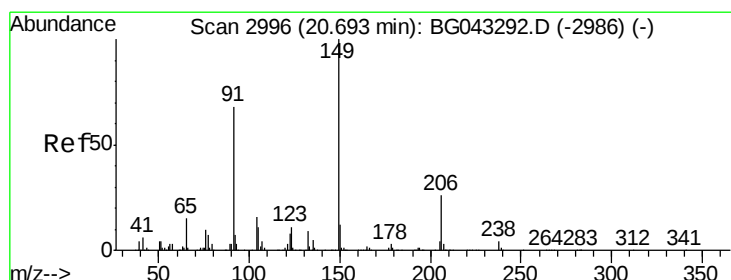
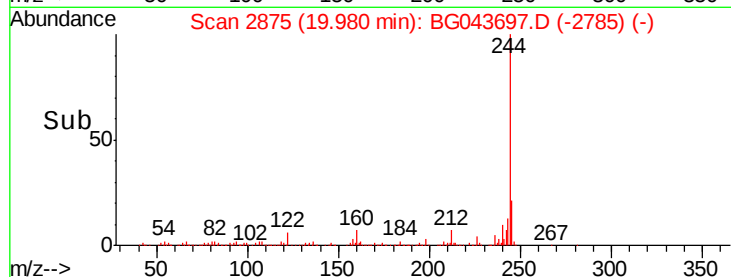
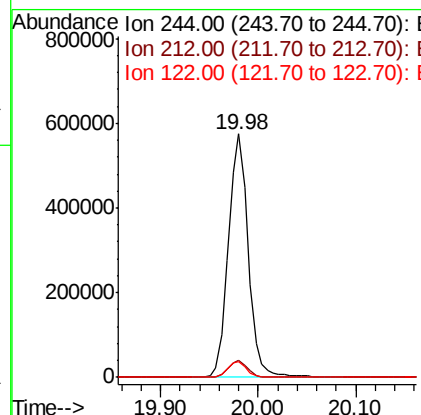
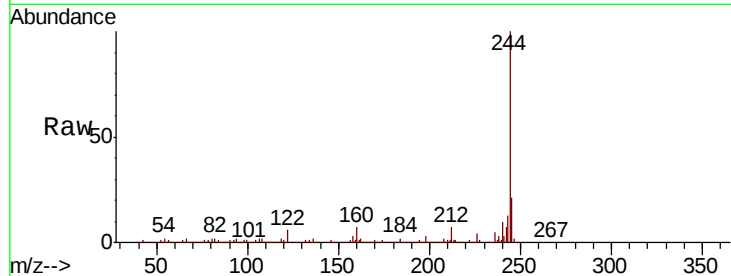
#79
 Terphenyl-d14
 Concen: 58.852 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Instrument :
 BNA_G
 ClientSampleId :
 PB124838BS

Tot Ion:	244	Resp:	811003
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.6	8.4
122	6.4	5.2	7.8

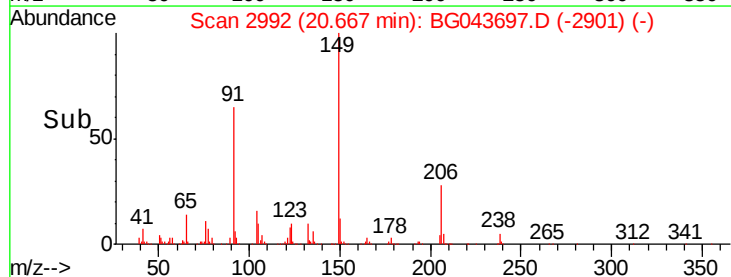
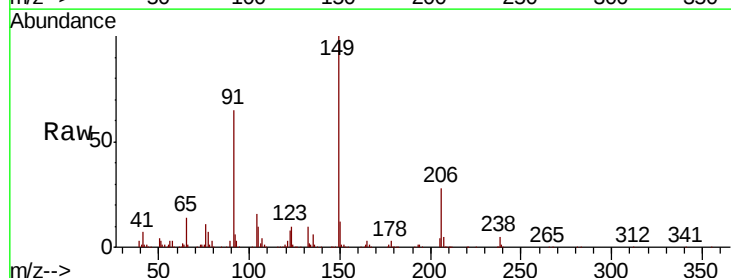
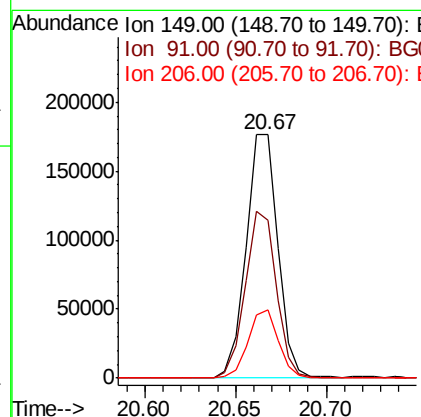
Manual Integrations
 APPROVED

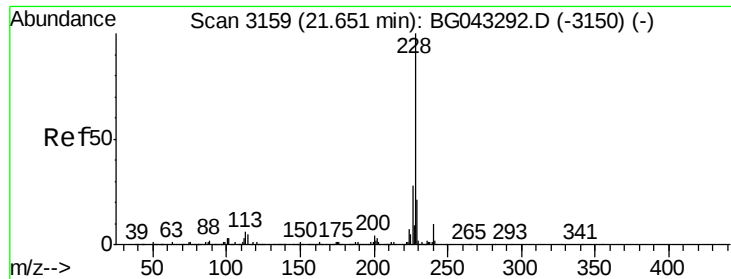
mohammad
 11/21/2019 9:04:08 AM



#80
 Butylbenzylphthalate
 Concen: 35.607 ng
 RT: 20.67 min Scan# 2992
 Delta R.T. 0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion:	149	Resp:	215874
Ion Ratio	Lower	Upper	
149	100		
91	65.0	55.4	83.0
206	27.8	20.2	30.4





#81

Benzo(a)anthracene

Concen: 39.054 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

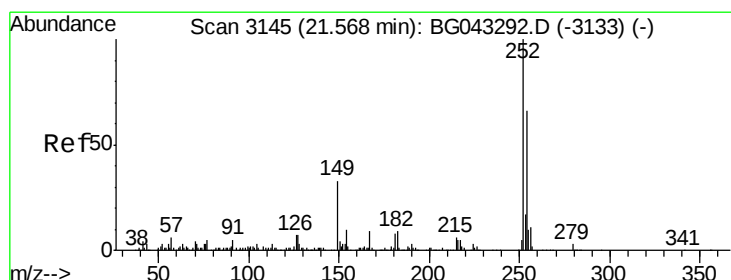
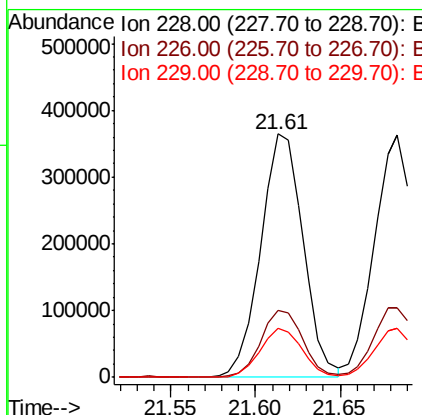
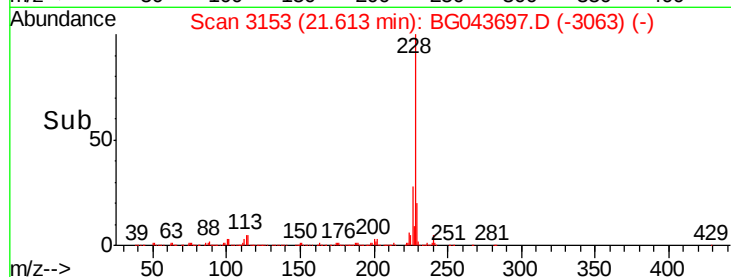
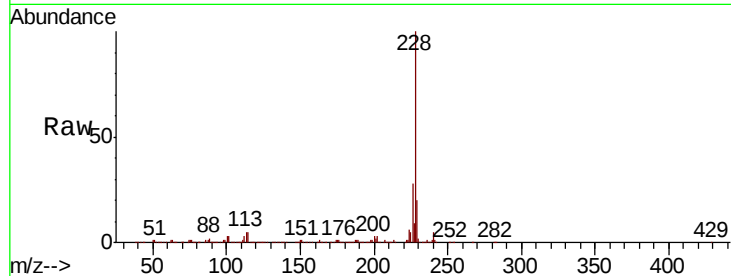
ClientSampleId :

PB124838BS

Tot Ion:	228	Resp:	632437
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.8	32.6
229	20.1	15.9	23.9

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#82

3,3'-Dichlorobenzidine

Concen: 25.628 ng

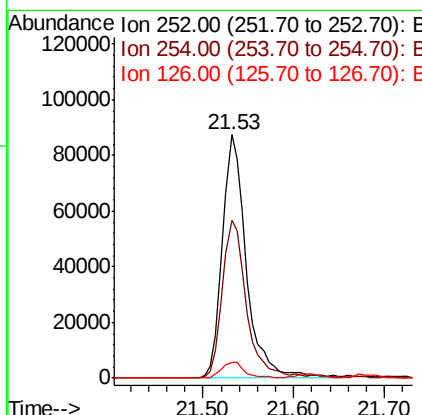
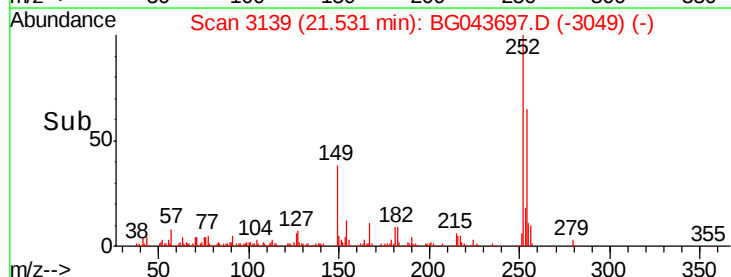
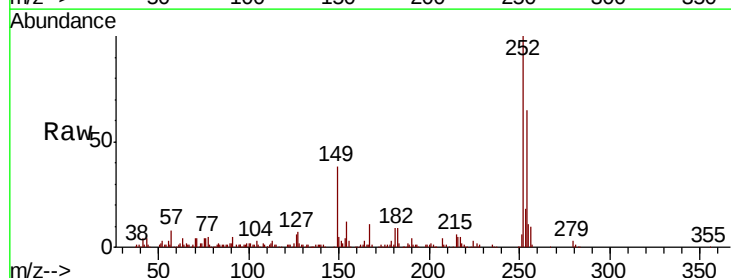
RT: 21.53 min Scan# 3139

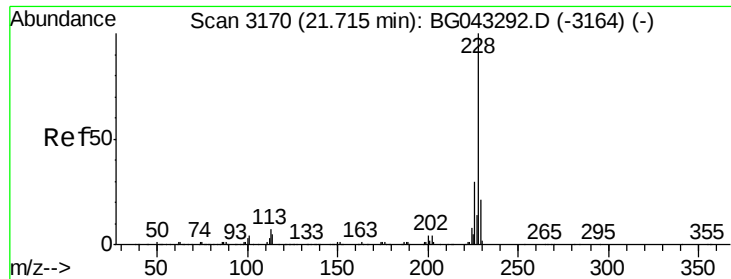
Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Tgt Ion:	252	Resp:	160525
Ion Ratio	Lower	Upper	
252	100		
254	64.7	50.2	75.4
126	6.5	5.4	8.0





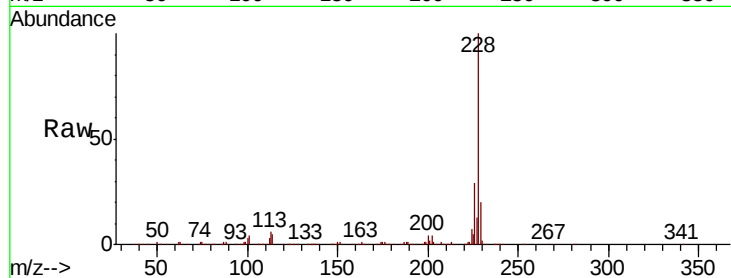
#83
 Chrysene
 Concen: 38.129 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Instrument :
 BNA_G
 ClientSampleId :
 PB124838BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.3	34.9
229	20.4	16.5	24.7

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:08 AM

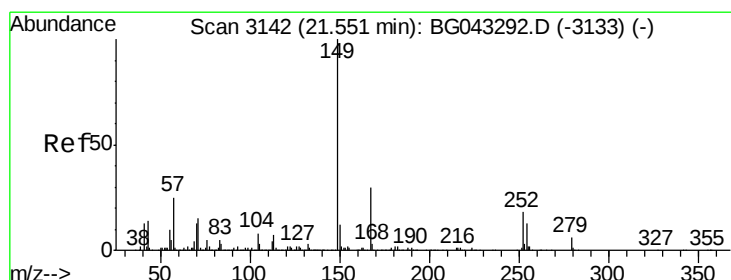
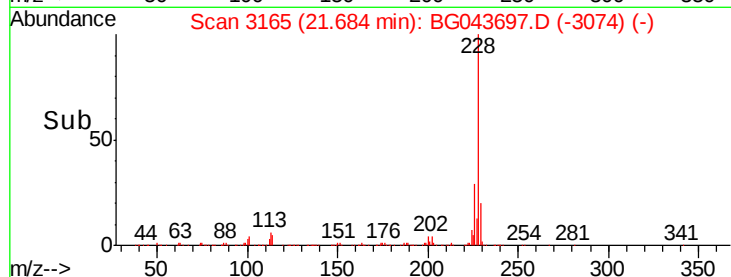
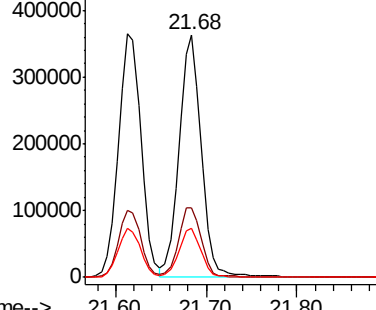


Abundance

Ion 228.00 (227.70 to 228.70): E

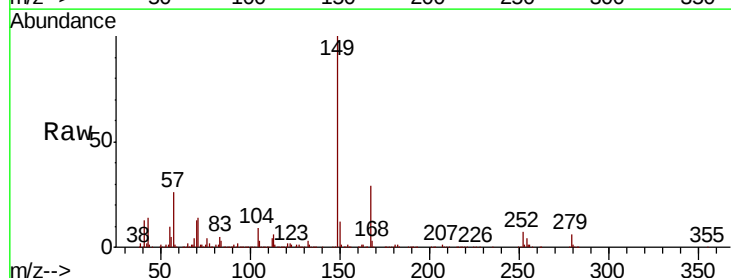
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.770 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG043697.D
 Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.8	37.2
279	5.6	5.4	8.0

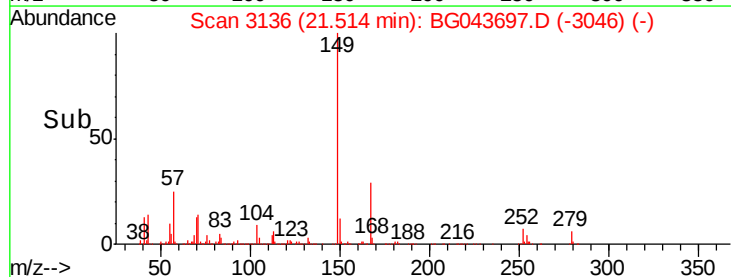
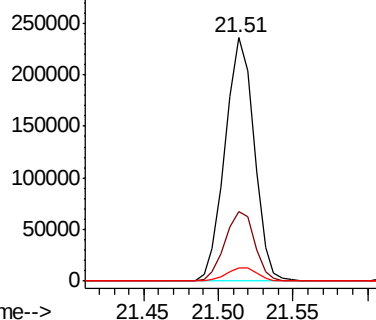


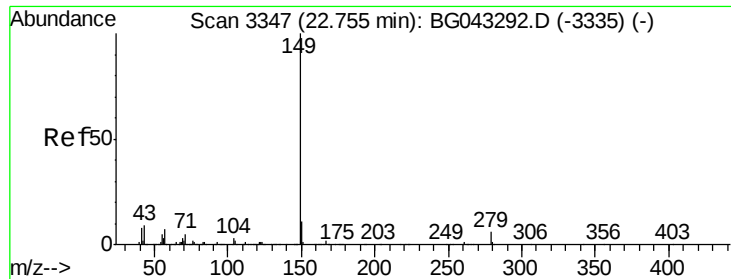
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





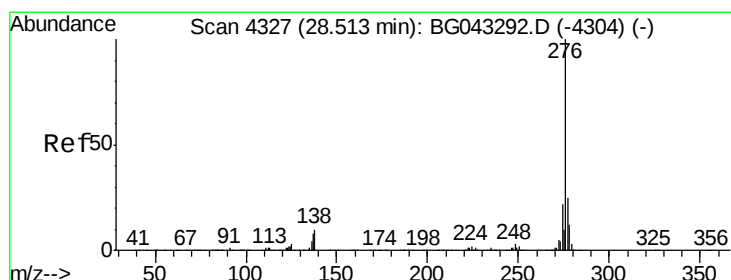
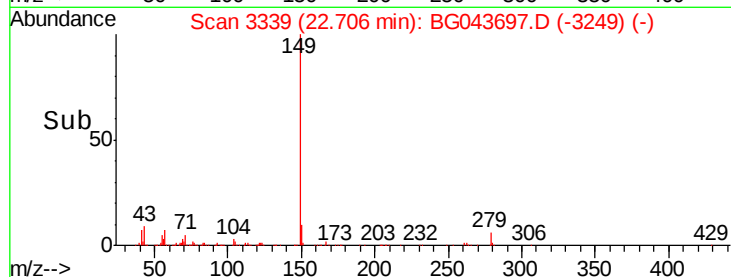
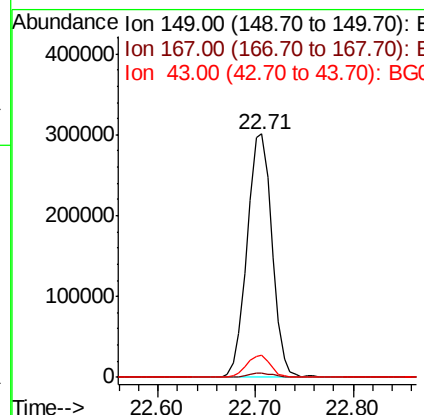
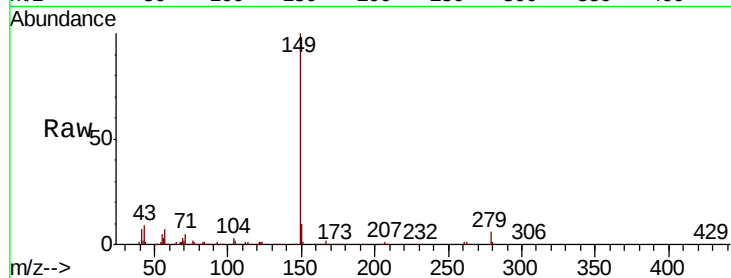
#85
Di-n-octyl phthalate
Concen: 36.911 ng
RT: 22.71 min Scan# 3339
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	539315		
167	1.7		1.4	2.2
43	9.1		7.8	11.8

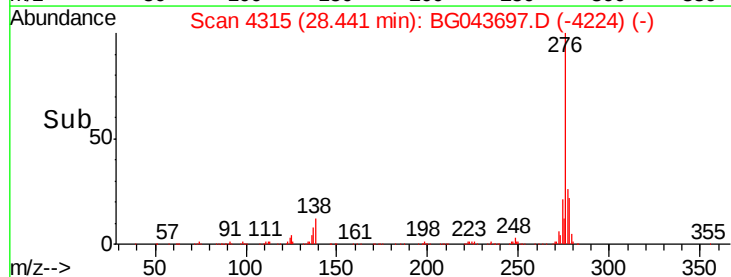
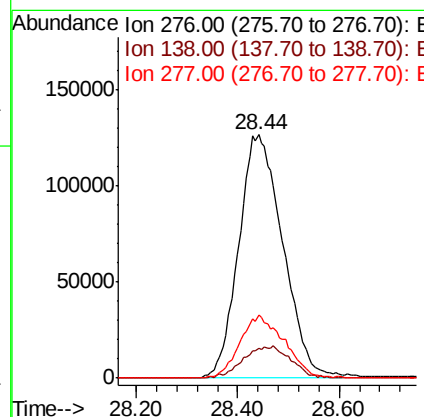
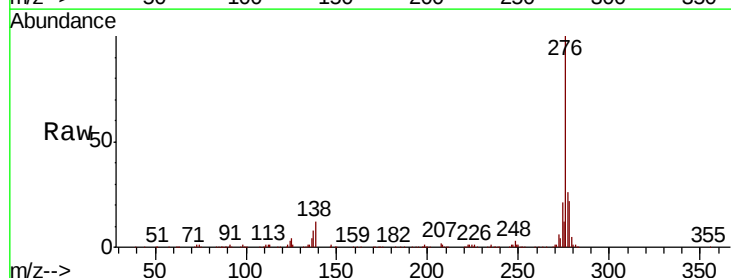
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.852 ng
RT: 28.44 min Scan# 4315
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	764490		
138	0.0		11.3	16.9#
277	26.2		20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG043697.D

Acq: 19 Nov 2019 14:22

Instrument :

BNA_G

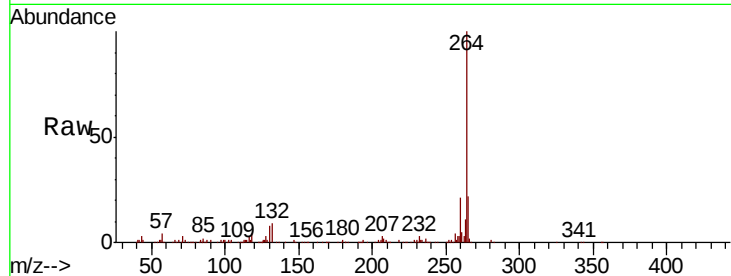
ClientSampleId :

PB124838BS

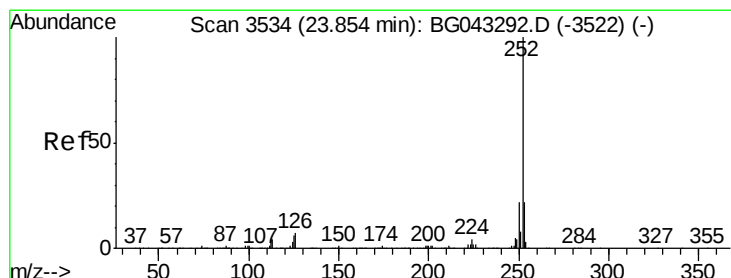
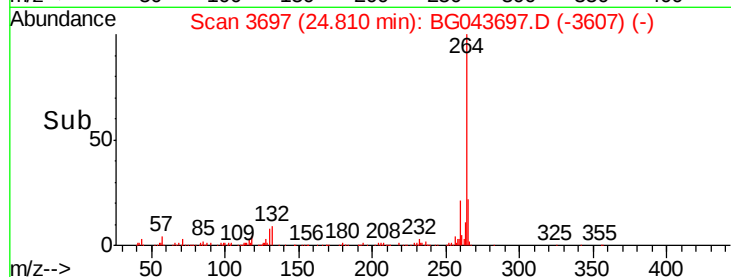
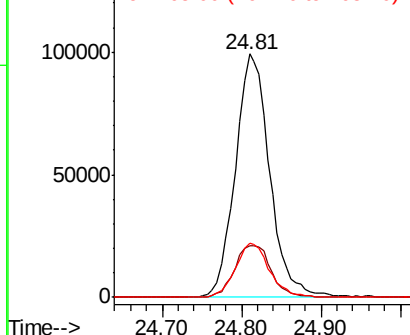
Tot Ion:	264	Resp:	298062
Ion Ratio	Lower	Upper	
264	100		
260	21.1	18.4	27.6
265	22.0	15.8	23.8

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.360 ng

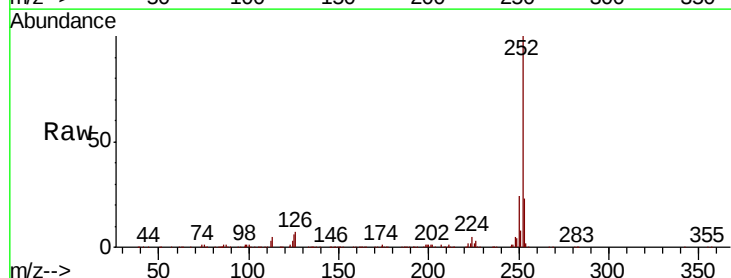
RT: 23.80 min Scan# 3526

Delta R.T. 0.00 min

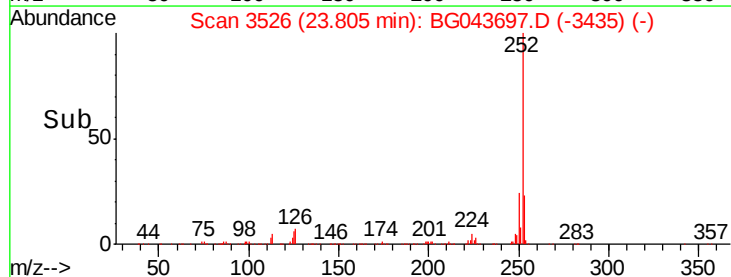
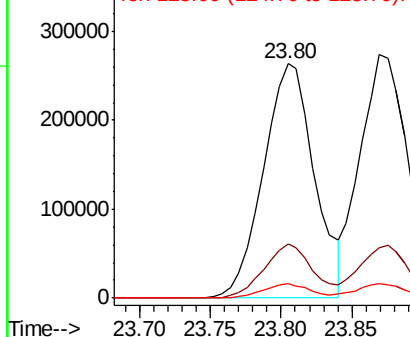
Lab File: BG043697.D

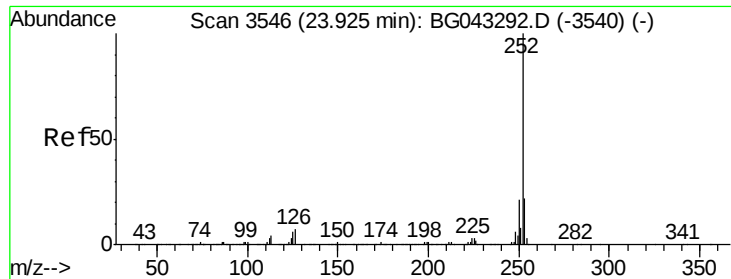
Acq: 19 Nov 2019 14:22

Tgt Ion:	252	Resp:	664448
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.7	26.5
125	5.9	4.5	6.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





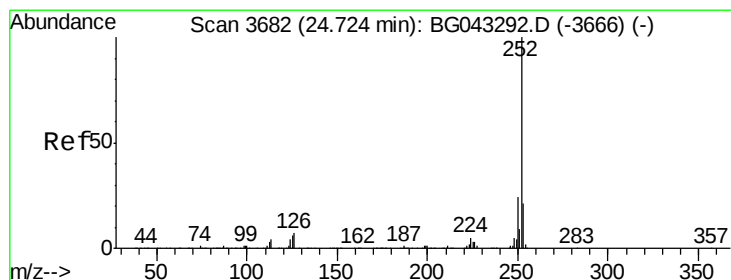
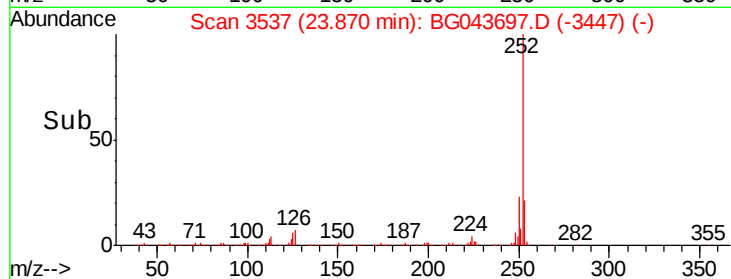
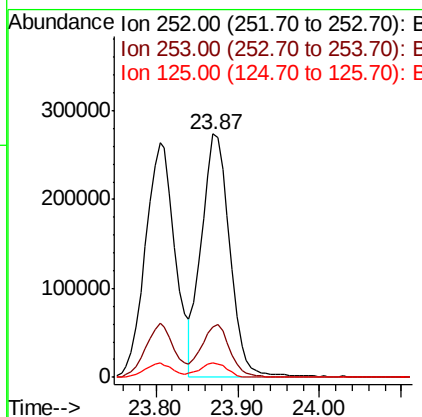
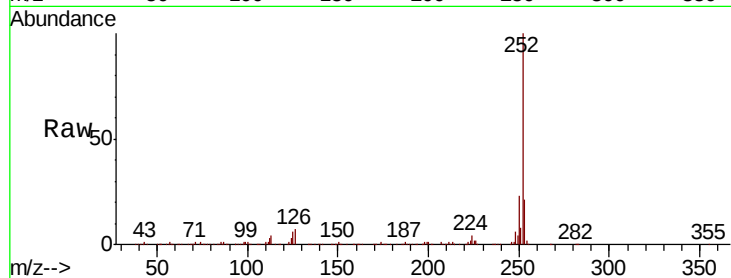
#89
Benzo(k)fluoranthene
Concen: 38.535 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.0	27.0
125	5.8	4.7	7.1

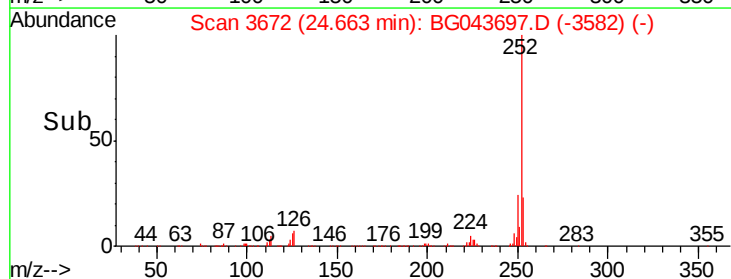
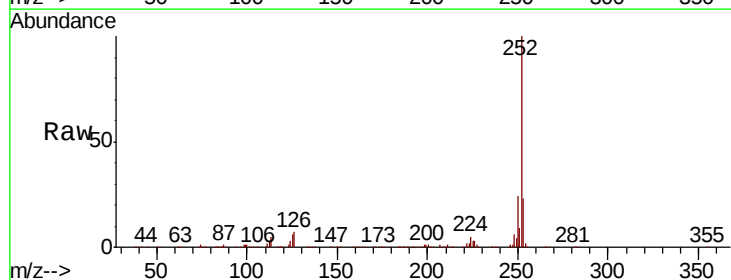
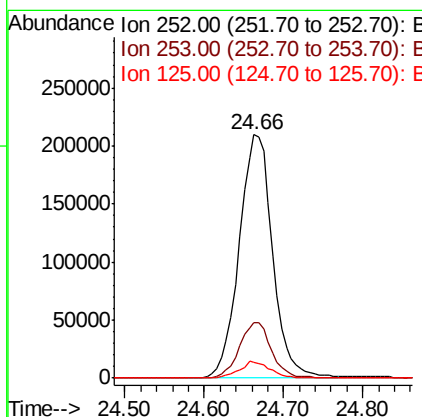
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#90
Benzo(a)pyrene
Concen: 38.100 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	6.4	5.0	7.6





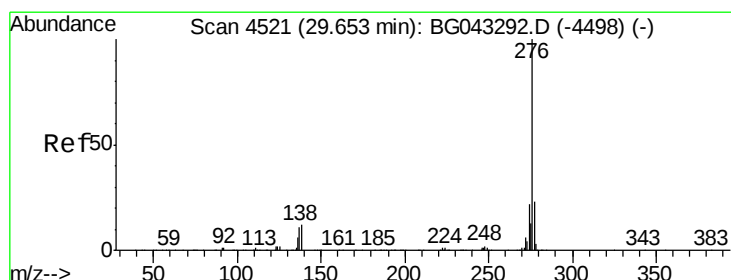
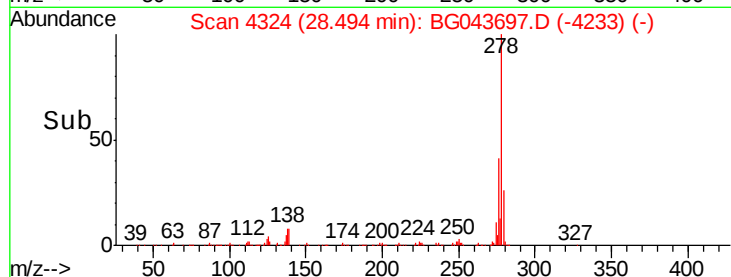
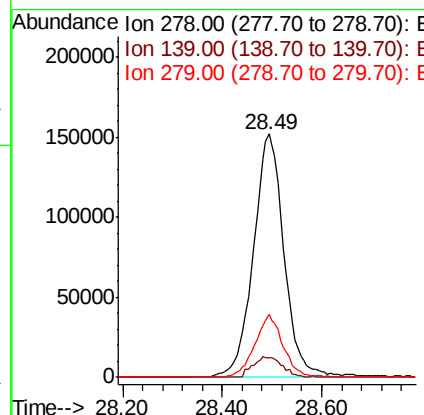
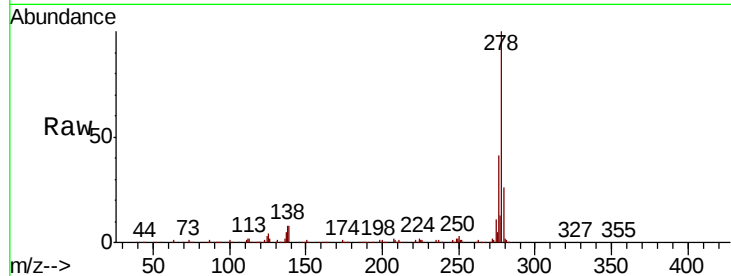
#91
Dibenzo(a,h)anthracene
Concen: 39.263 ng
RT: 28.49 min Scan# 4324
Delta R.T. 0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.9	7.2	10.8
279	25.9	19.0	28.4

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:08 AM



#92
Benzo(g,h,i)perylene
Concen: 39.594 ng
RT: 29.57 min Scan# 4508
Delta R.T. -0.00 min
Lab File: BG043697.D
Acq: 19 Nov 2019 14:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.8	29.6
138	11.3	9.7	14.5

