

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
 Data File : BG044071.D
 Acq On : 16 Jan 2020 16:41
 Operator : JU
 Sample : L1126-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MS

Manual Integrations
 APPROVED

mohammad
 1/17/2020 2:08:10 PM

Quant Time: Jan 17 07:22:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	115108	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	460301	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	278399	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	558542	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	474435	20.00	ng	-0.02
87) Perylene-d12	24.69	264	548202	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	545980	87.09	ng	0.00
7) Phenol-d6	7.11	99	735452	83.93	ng	0.00
23) Nitrobenzene-d5	9.10	82	418687	48.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.06	330	240473	82.54	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	872459	56.78	ng	-0.02
79) Terphenyl-d14	19.94	244	1164523	52.65	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	107654	39.384	ng	98
3) Pyridine	3.81	79	266504	33.003	ng	97
4) n-Nitrosodimethylamine	3.72	42	135940	37.812	ng	96
6) Aniline	7.27	93	189229	16.440	ng	97
8) 2-Chlorophenol	7.51	128	327166	44.453	ng	97
9) Benzaldehyde	7.07	77	178272	31.786	ng	98
10) Phenol	7.14	94	409829	45.392	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	306242	39.294	ng	99
12) 1,3-Dichlorobenzene	7.84	146	353529	41.049	ng	100
13) 1,4-Dichlorobenzene	7.98	146	353219	41.566	ng	98
14) 1,2-Dichlorobenzene	8.30	146	336274	41.228	ng	99
15) Benzyl Alcohol	8.18	79	266487	38.532	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.47	45	418889	34.741	ng	99
17) 2-Methylphenol	8.39	107	274392	41.996	ng	97
18) Hexachloroethane	9.03	117	132923	40.200	ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	232257	35.590	ng	98
20) 3+4-Methylphenols	8.72	107	371285	40.735	ng	98
22) Acetophenone	8.76	105	439936	38.444	ng	99
24) Nitrobenzene	9.14	77	336155	39.445	ng	97
25) Isophorone	9.66	82	623853	38.646	ng	99
26) 2-Nitrophenol	9.85	139	184082	45.656	ng	97
27) 2,4-Dimethylphenol	9.92	122	294869	48.584	ng	96
28) bis(2-Chloroethoxy)methane	10.15	93	399625	37.133	ng	99
29) 2,4-Dichlorophenol	10.39	162	311071	42.968	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	327952	40.402	ng	98
31) Naphthalene	10.79	128	952194	42.748	ng	99
32) Benzoic acid	10.08	122	204506	42.241	ng	100
33) 4-Chloroaniline	10.90	127	131834	12.409	ng	98
34) Hexachlorobutadiene	11.09	225	193772	39.098	ng	96
35) Caprolactam	11.67	113	106454m	39.500	ng	
36) 4-Chloro-3-methylphenol	12.03	107	316441	41.059	ng	99
37) 2-Methylnaphthalene	12.40	142	680097	40.555	ng	97
38) 1-Methylnaphthalene	12.62	142	642994	40.456	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	331361	40.609	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
 Data File : BG044071.D
 Acq On : 16 Jan 2020 16:41
 Operator : JU
 Sample : L1126-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MS

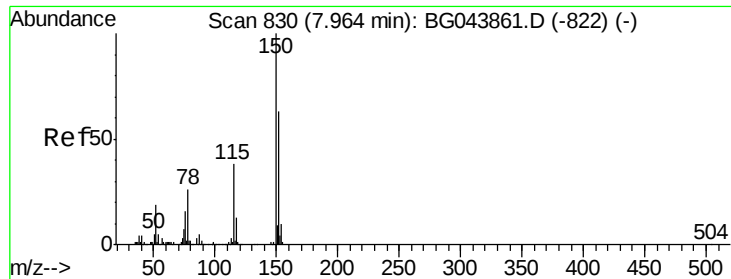
Manual Integrations
 APPROVED

mohammad
 1/17/2020 2:08:10 PM

Quant Time: Jan 17 07:22:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	256477	60.627	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	234231	41.718	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	252428	43.591	ng	99
46) 1,1'-Biphenyl	13.41	154	836933	41.929	ng	98
47) 2-Chloronaphthalene	13.45	162	651464	40.390	ng	99
48) 2-Nitroaniline	13.65	65	189288	36.483	ng	96
49) Acenaphthylene	14.30	152	1034638	44.629	ng	99
50) Dimethylphthalate	14.03	163	858482	43.429	ng	99
51) 2,6-Dinitrotoluene	14.15	165	183746	41.126	ng	92
52) Acenaphthene	14.64	154	637697	39.224	ng	99
53) 3-Nitroaniline	14.47	138	115155	22.697	ng	97
54) 2,4-Dinitrophenol	14.68	184	159218	70.638	ng	97
55) Dibenzofuran	14.98	168	950103	42.451	ng	97
56) 4-Nitrophenol	14.80	139	355595	91.460	ng	95
57) 2,4-Dinitrotoluene	14.94	165	248195	40.825	ng	97
58) Fluorene	15.62	166	746400	42.076	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	216564	43.491	ng	96
60) Diethylphthalate	15.40	149	786242	39.767	ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	381818	39.639	ng	99
62) 4-Nitroaniline	15.64	138	165239	32.980	ng	95
63) Azobenzene	15.91	77	728875	39.752	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	117802	41.581	ng	97
66) n-Nitrosodiphenylamine	15.83	169	684211	41.598	ng	100
67) 4-Bromophenyl-phenylether	16.51	248	245741	39.119	ng	100
68) Hexachlorobenzene	16.63	284	265088	39.162	ng	97
69) Atrazine	16.78	200	259549	48.545	ng	99
70) Pentachlorophenol	16.97	266	331881	88.943	ng	99
71) Phenanthrene	17.36	178	1229354	45.888	ng	99
72) Anthracene	17.46	178	1216424	45.943	ng	98
73) Carbazole	17.72	167	1090496	44.588	ng	98
74) Di-n-butylphthalate	18.28	149	1301040	41.666	ng	97
75) Fluoranthene	19.37	202	1721623	56.191	ng	99
77) Benzidine	19.55	184	306368	25.691	ng	98
78) Pyrene	19.74	202	1767241	57.066	ng	99
80) Butylbenzylphthalate	20.62	149	608931	41.301	ng	96
81) Benzo(a)anthracene	21.55	228	1646151	55.957	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	236187	20.322	ng	99
83) Chrysene	21.62	228	1519138	54.346	ng	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	868844	42.709	ng	98
85) Di-n-octyl phthalate	22.65	149	1493813	43.678	ng	98
86) Indeno(1,2,3-cd)pyrene	28.24	276	1835786	48.325	ng	98
88) Benzo(b)fluoranthene	23.71	252	1817499	56.081	ng	100
89) Benzo(k)fluoranthene	23.77	252	1479970	48.023	ng	99
90) Benzo(a)pyrene	24.55	252	1625281	53.135	ng	100
91) Dibenzo(a,h)anthracene	28.29	278	1276822	41.564	ng	99
92) Benzo(g,h,i)perylene	29.34	276	1532102	50.210	ng	98

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



#1

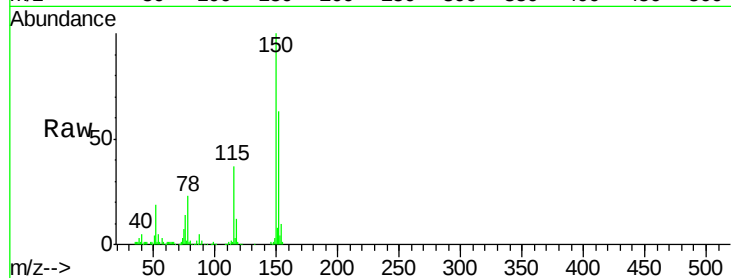
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

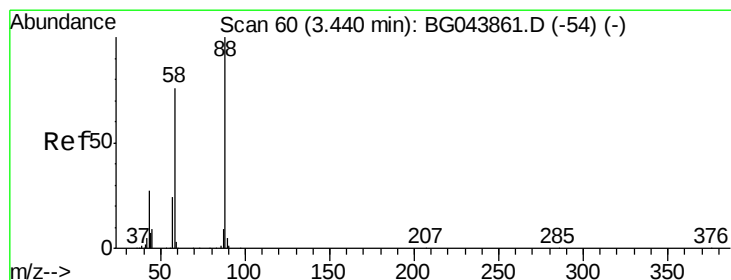
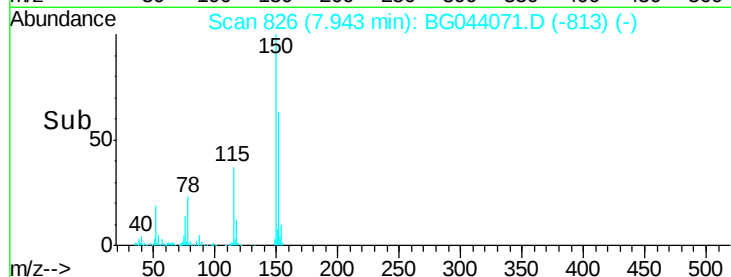
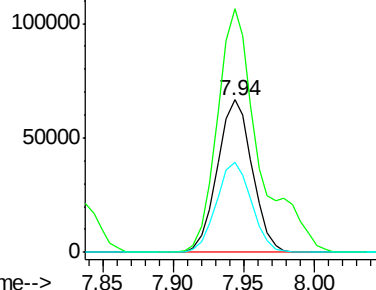
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	127.0	190.4
115	59.0	47.8	71.8

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



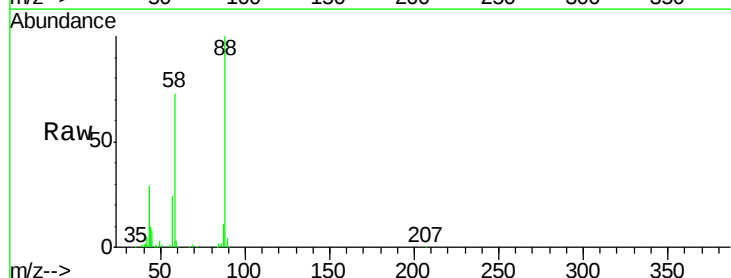
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



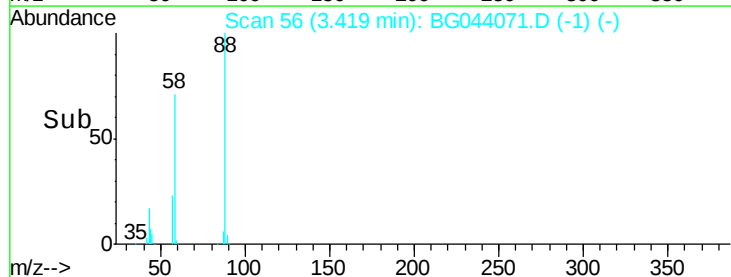
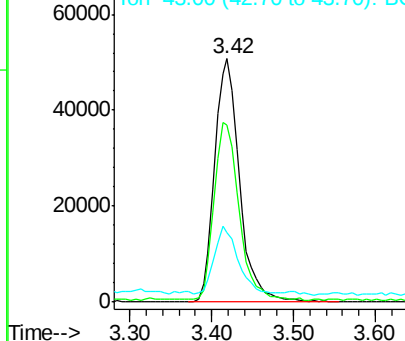
#2

1,4-Dioxane
Concen: 39.384 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	59.8	89.8
43	26.8	22.9	34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.003 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

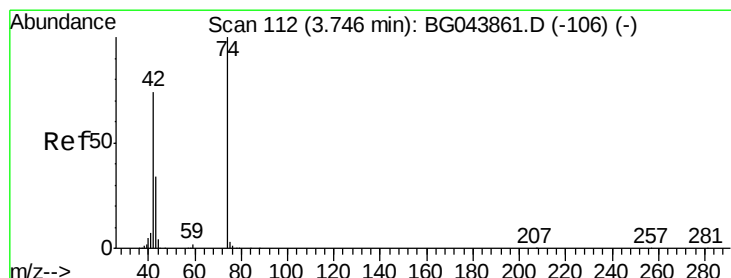
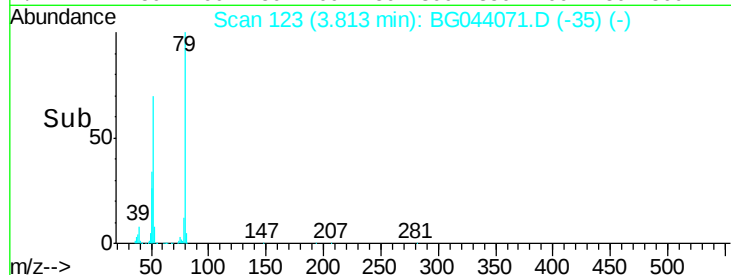
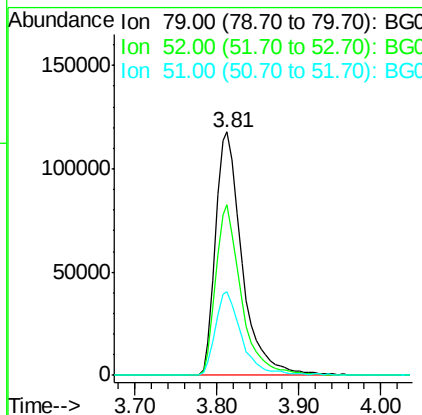
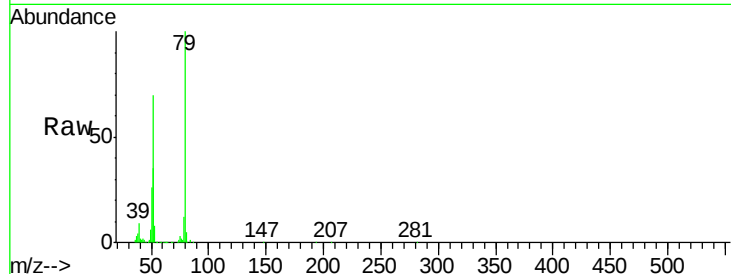
ClientSampleId :

BW-1-3.0MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	70.3	58.9	88.3	
51	34.6	28.6	43.0	

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#4

n-Nitrosodimethylamine

Concen: 37.812 ng

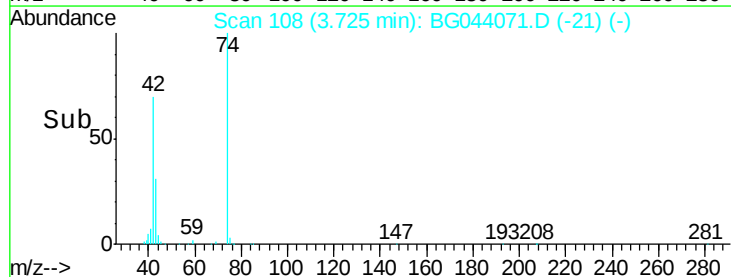
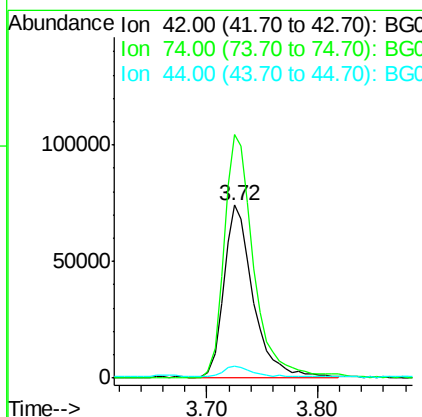
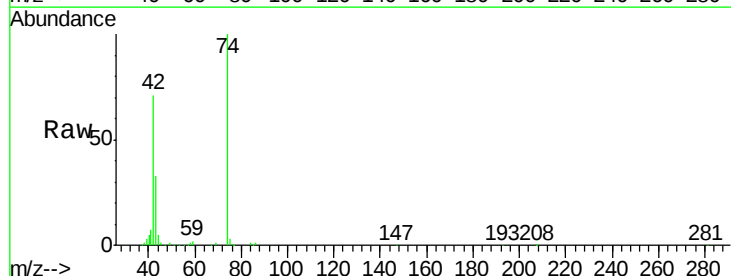
RT: 3.72 min Scan# 108

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	140.9	108.6	162.8	
44	7.1	5.0	7.6	





#5

2-Fluorophenol

Concen: 87.091 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

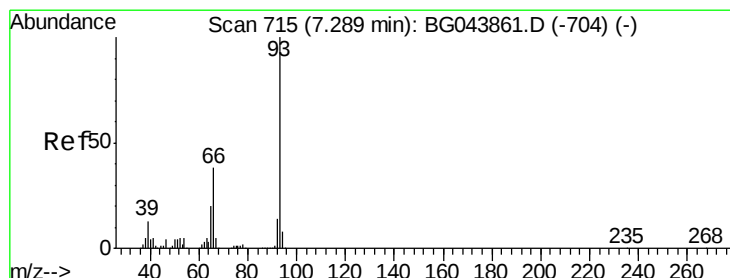
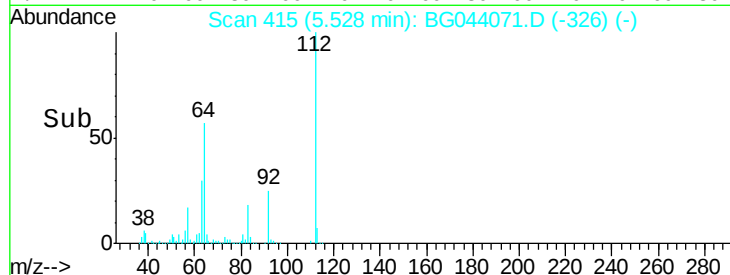
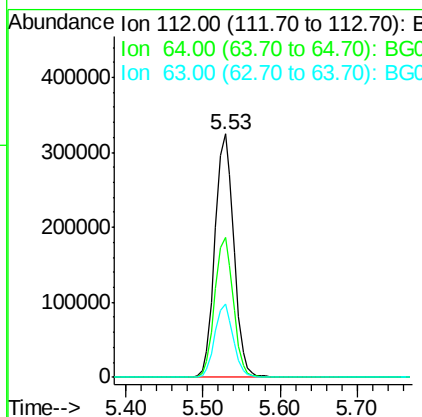
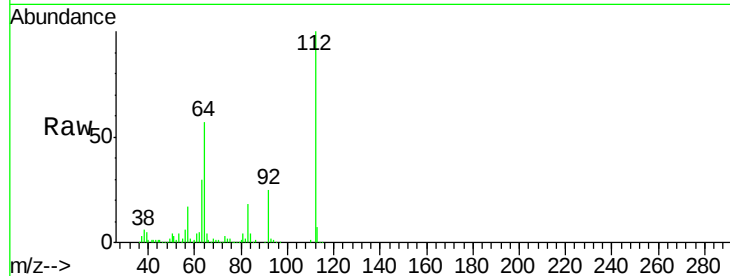
ClientSampleId :

BW-1-3.0MS

Tot Ion:	112	Resp:	545980
Ion Ratio	Lower	Upper	
112	100		
64	57.4	47.8	71.6
63	30.0	24.3	36.5

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#6

Aniline

Concen: 16.440 ng

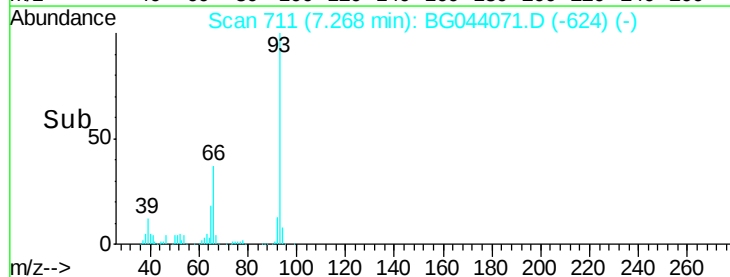
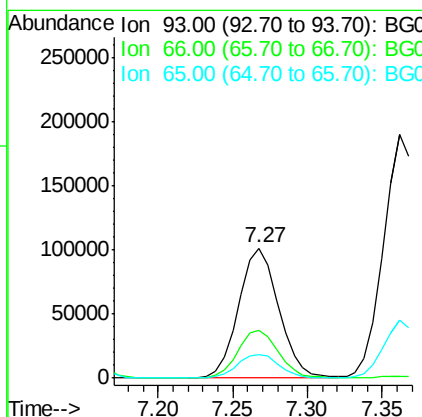
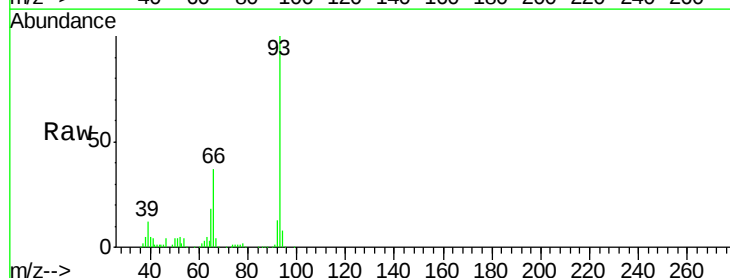
RT: 7.27 min Scan# 711

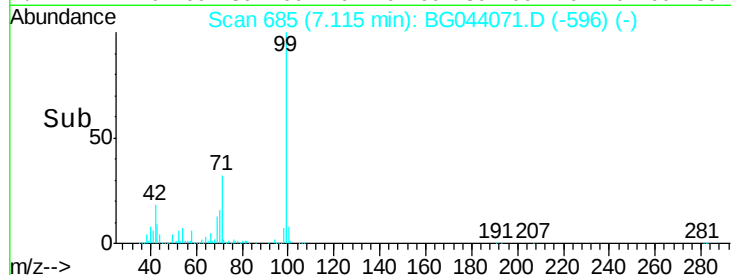
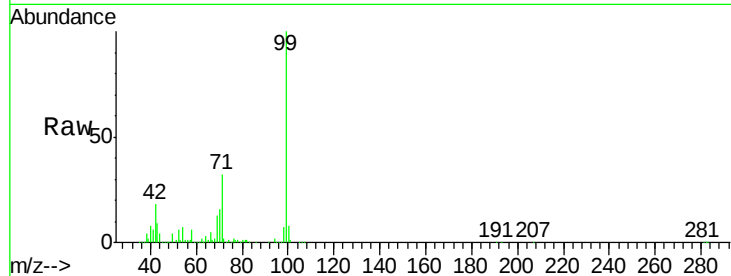
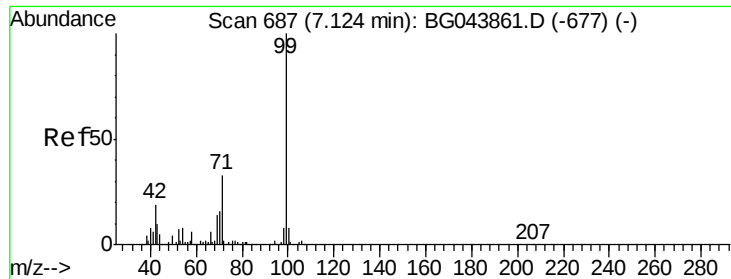
Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Tgt Ion:	93	Resp:	189229
Ion Ratio	Lower	Upper	
93	100		
66	36.7	30.8	46.2
65	18.2	16.0	24.0





#7

Phenol-d6

Concen: 83.927 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		735452		
42	17.9	14.9	22.3		
71	32.1	26.4	39.6		

Instrument :

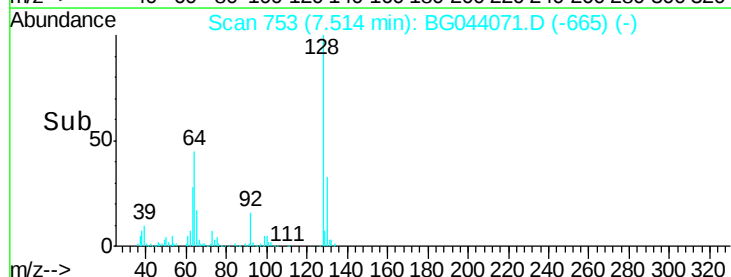
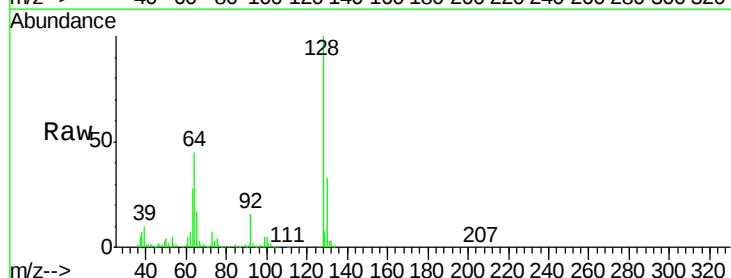
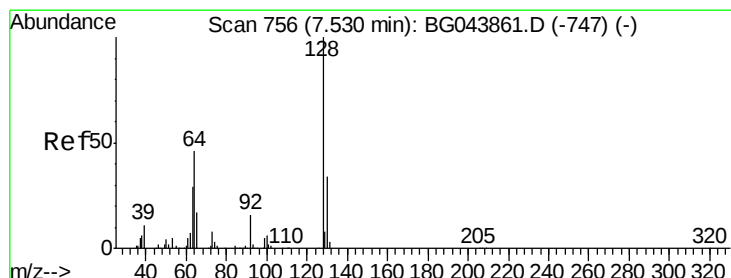
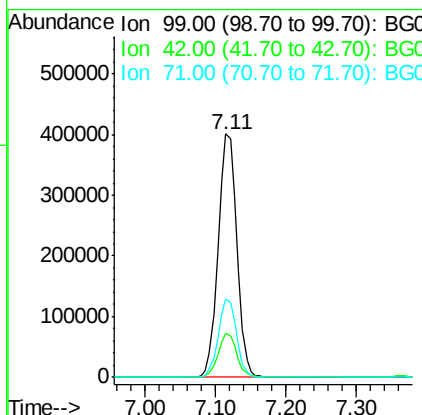
BNA_G

ClientSampled :

BW-1-3.0MS

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#8

2-Chlorophenol

Concen: 44.453 ng

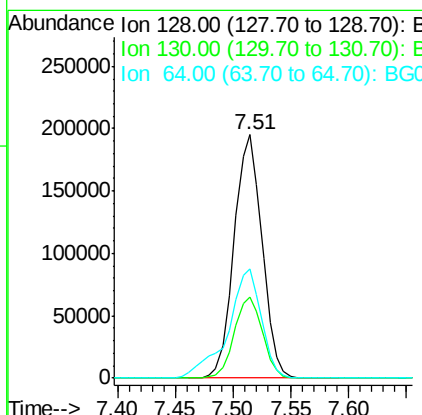
RT: 7.51 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		327166		
130	33.2	13.8	53.8		
64	45.1	27.6	67.6		





#9

Benzaldehyde

Concen: 31.786 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

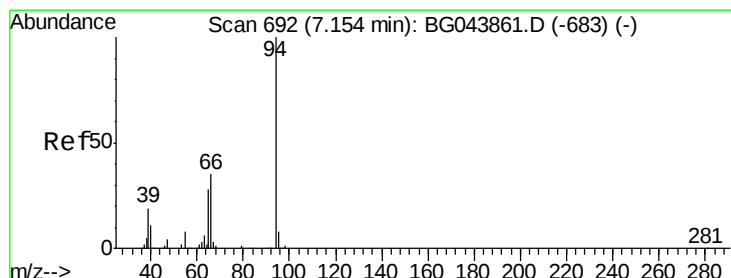
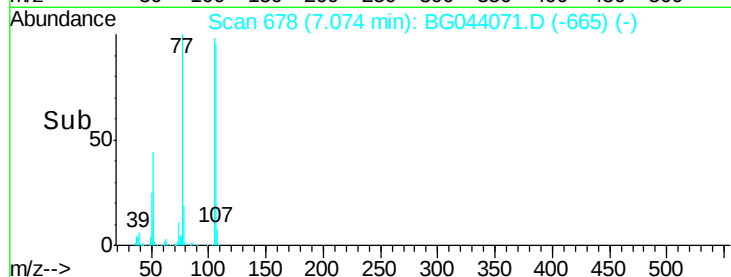
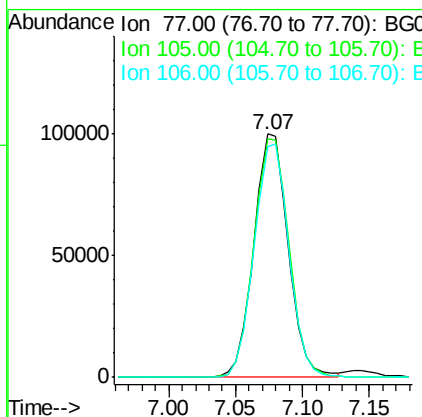
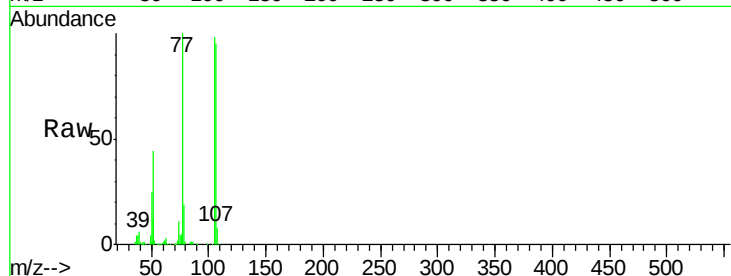
ClientSampled :

BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.0	80.2	120.2
106	95.0	77.2	117.2

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#10

Phenol

Concen: 45.392 ng

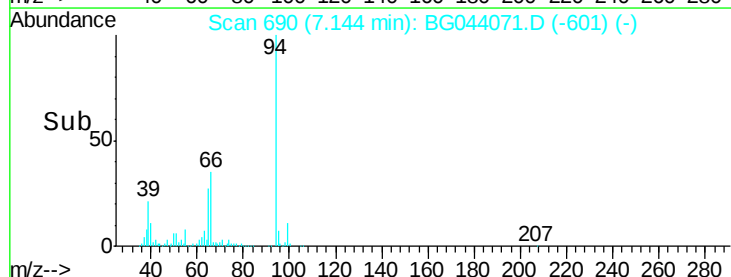
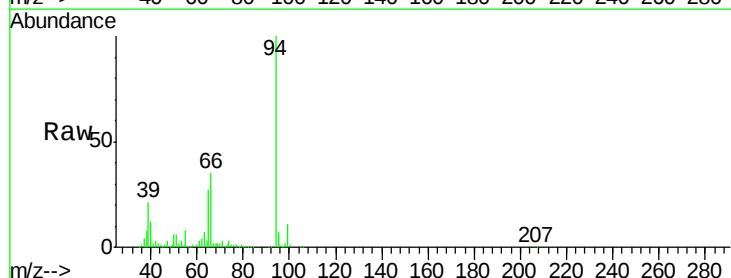
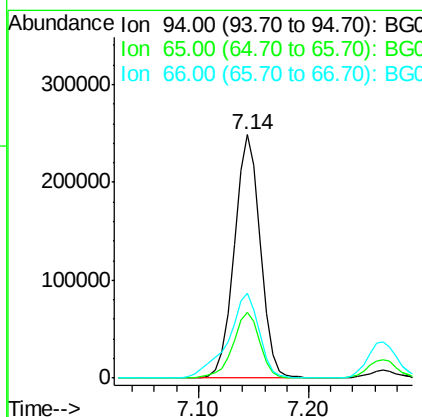
RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.8	8.1	48.1
66	34.8	15.6	55.6





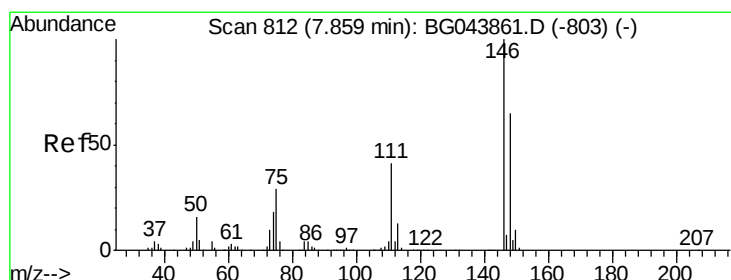
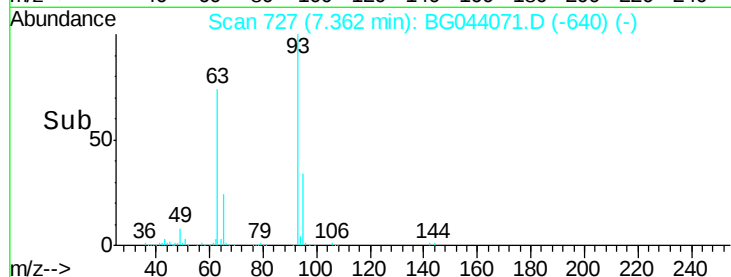
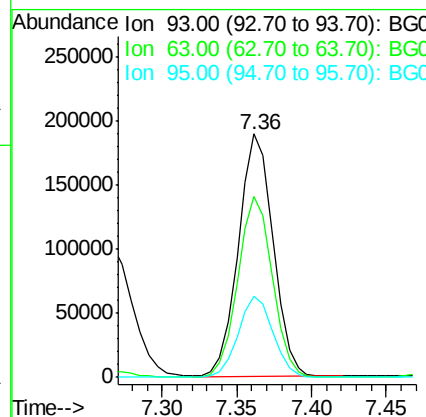
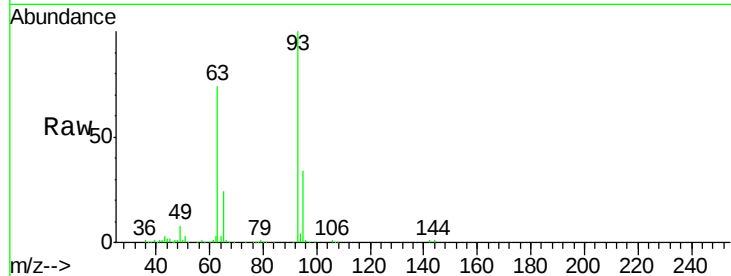
#11
bis(2-Chloroethyl)ether
Concen: 39.294 ng
RT: 7.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampled :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.4	55.0	95.0
95	33.5	13.3	53.3

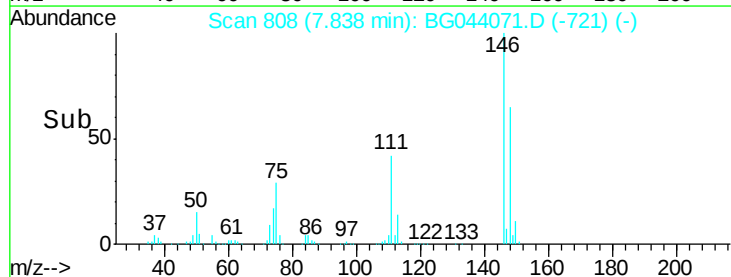
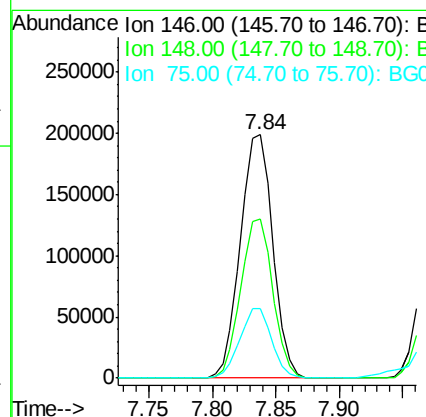
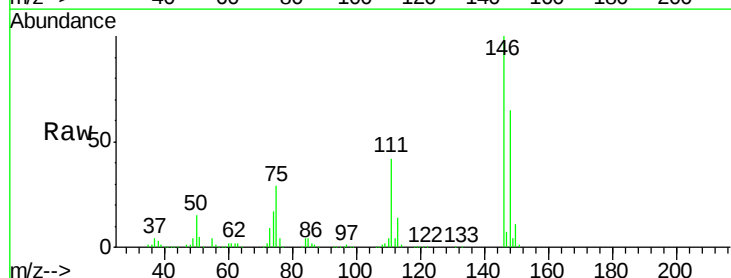
Manual Integrations
APPROVED

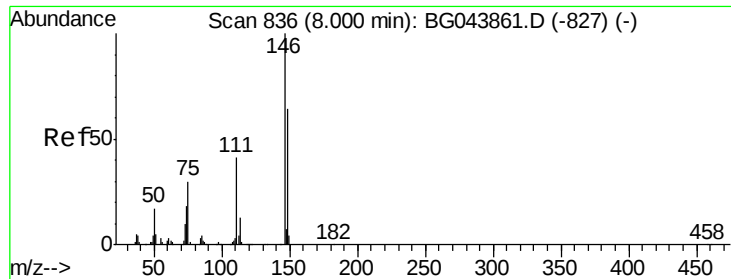
mohammad
1/17/2020 2:08:10 PM



#12
1,3-Dichlorobenzene
Concen: 41.049 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.1	78.1
75	28.6	23.0	34.4





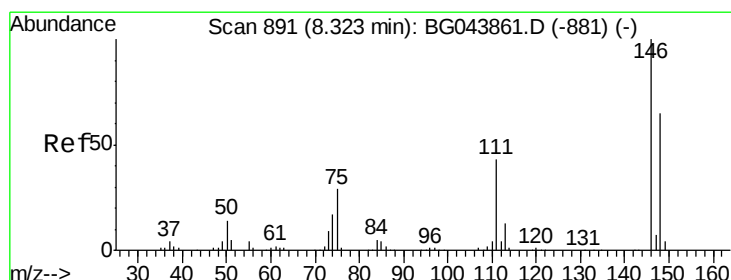
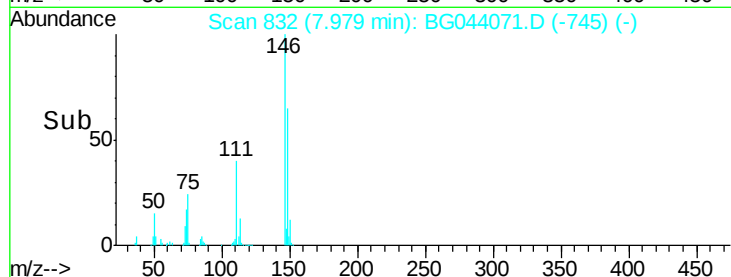
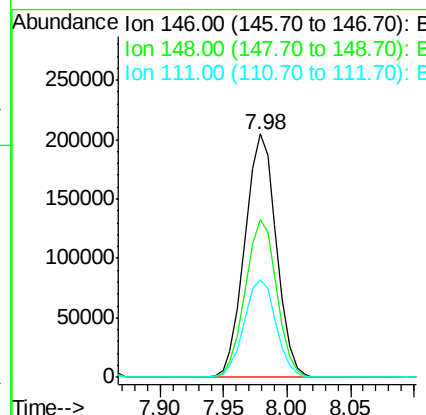
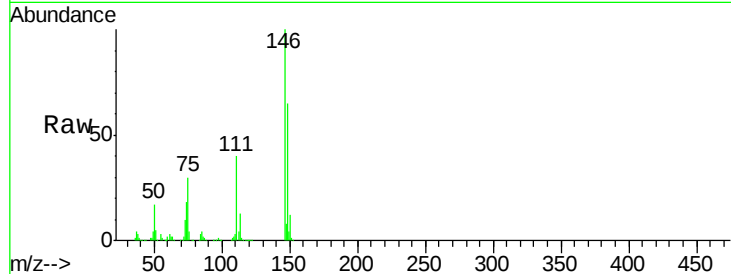
#13
 1,4-Dichlorobenzene
 Concen: 41.566 ng
 RT: 7.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BG044071.D
 Acq: 16 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampled :
 BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.2	76.8
111	39.9	33.1	49.7

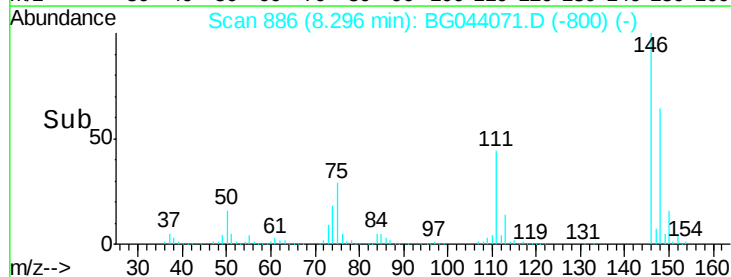
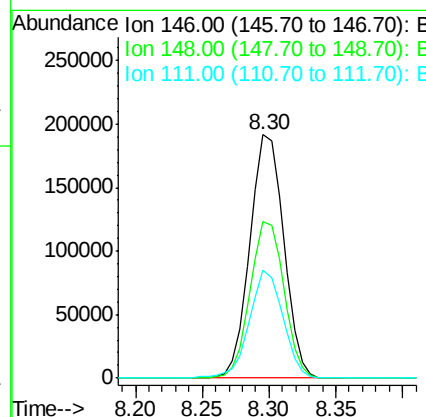
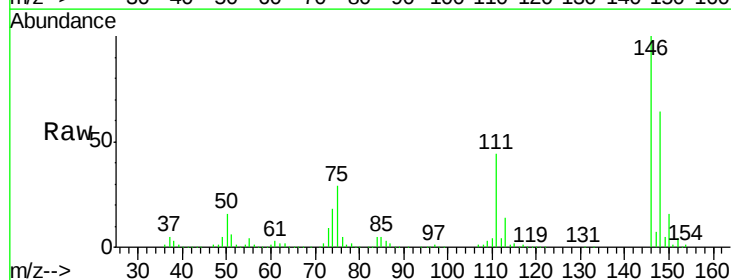
Manual Integrations
 APPROVED

mohammad
 1/17/2020 2:08:10 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.228 ng
 RT: 8.30 min Scan# 886
 Delta R.T. -0.03 min
 Lab File: BG044071.D
 Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.7	77.5
111	44.2	34.4	51.6





#15

Benzyl Alcohol

Concen: 38.532 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

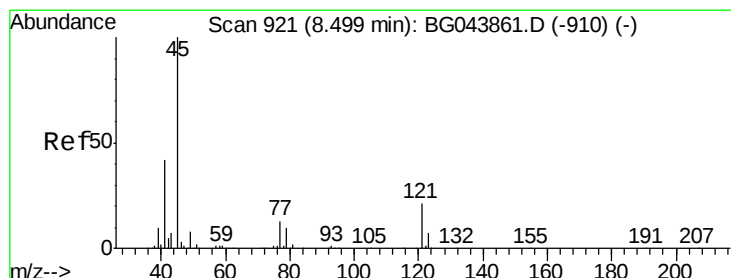
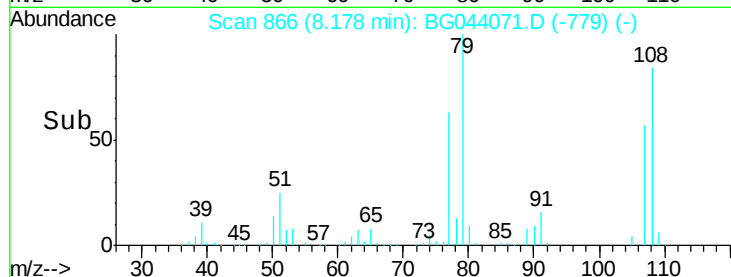
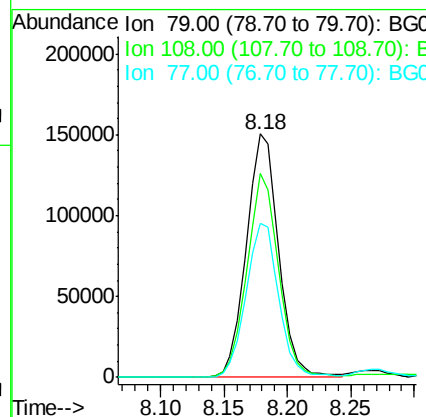
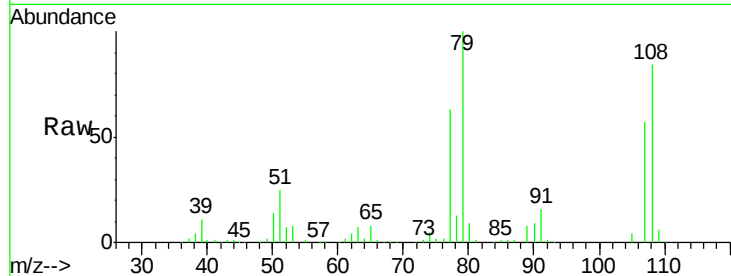
ClientSampleId :

BW-1-3.0MS

Tot Ion:	79	Resp:	266487
Ion Ratio	Lower	Upper	
79	100		
108	83.7	65.6	98.4
77	63.5	52.0	78.0

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.741 ng

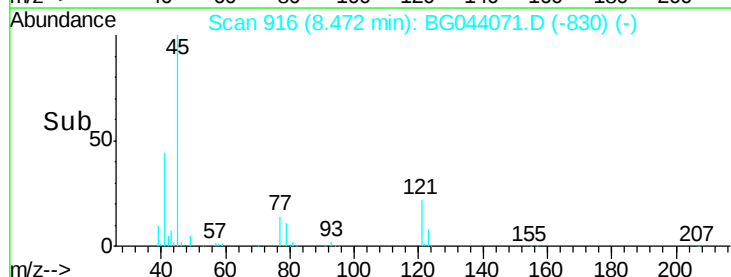
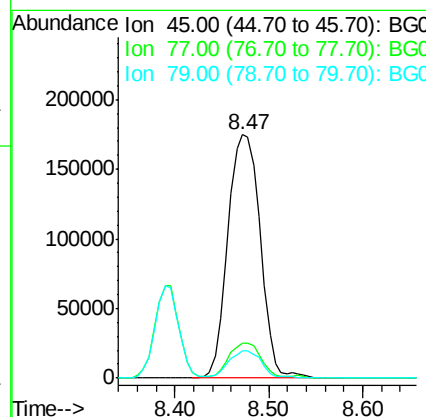
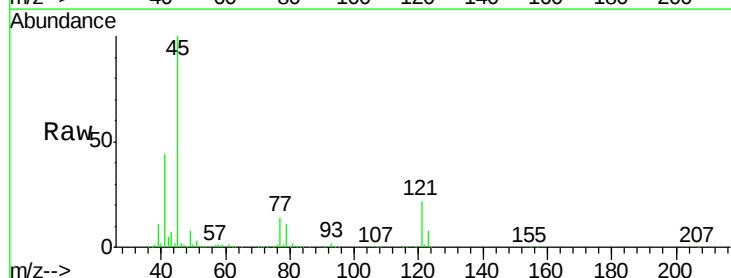
RT: 8.47 min Scan# 916

Delta R.T. -0.03 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Tgt Ion:	45	Resp:	418889
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	33.8
79	11.4	0.0	31.0





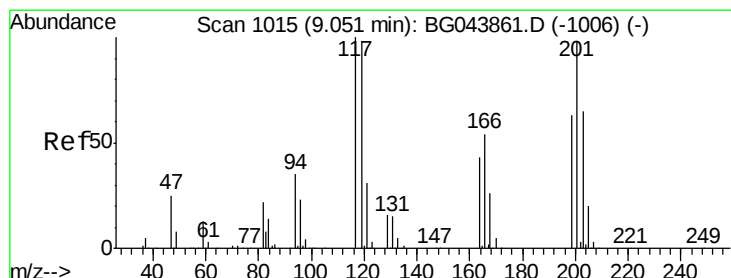
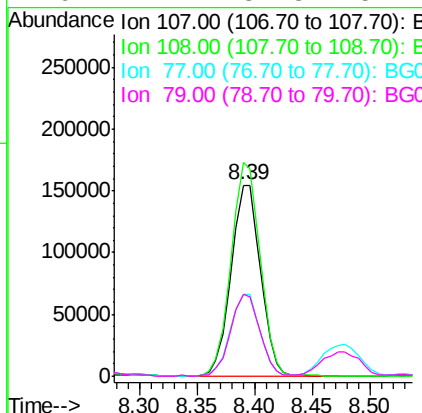
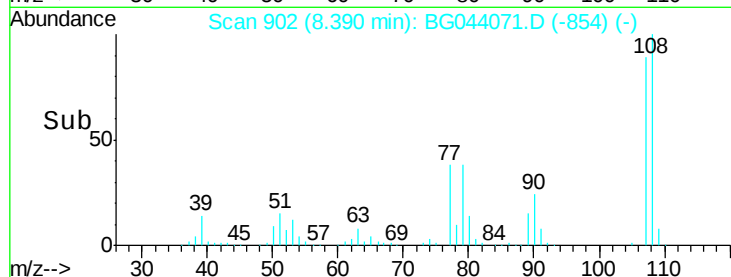
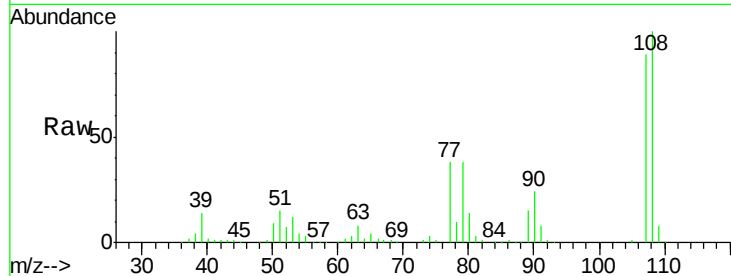
#17
2-Methylphenol
Concen: 41.996 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	86.1	129.1
77	43.1	35.4	53.0
79	42.7	34.8	52.2

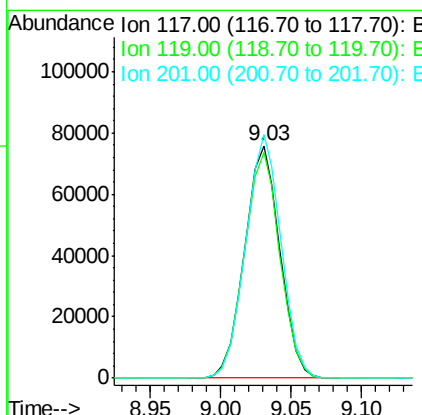
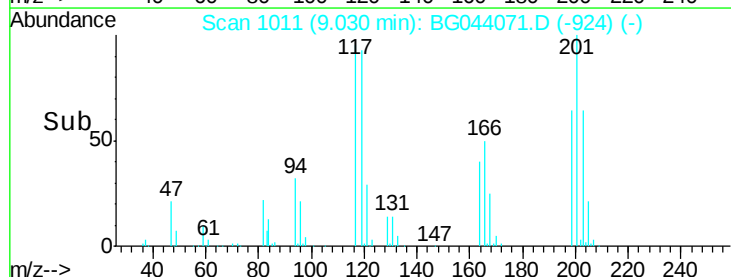
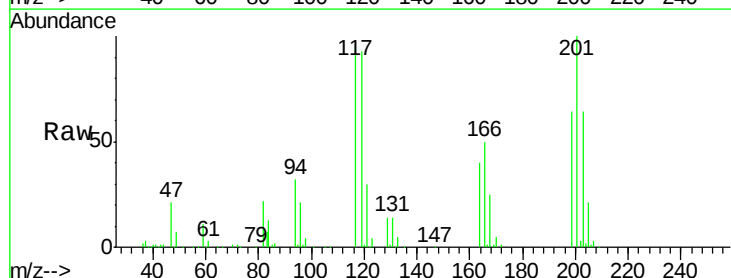
Manual Integrations
APPROVED

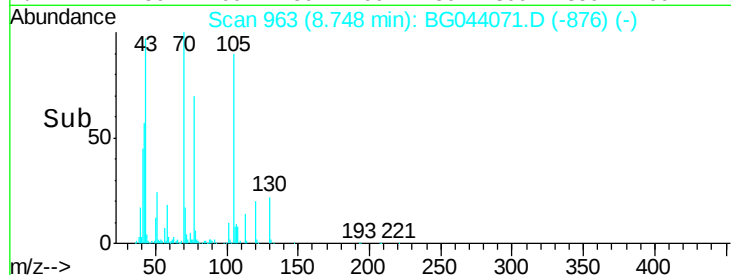
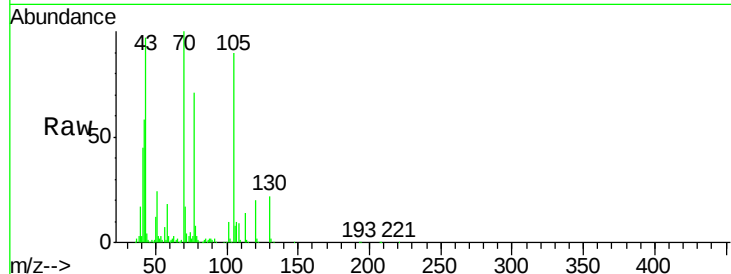
mohammad
1/17/2020 2:08:10 PM



#18
Hexachloroethane
Concen: 40.200 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

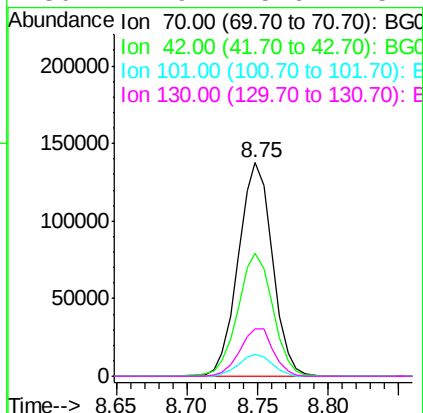
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.1	117.1
201	104.8	78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 35.590 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

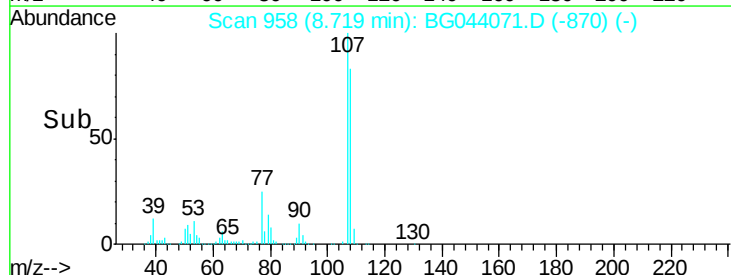
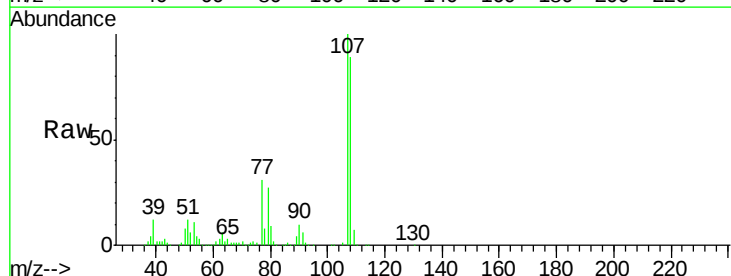
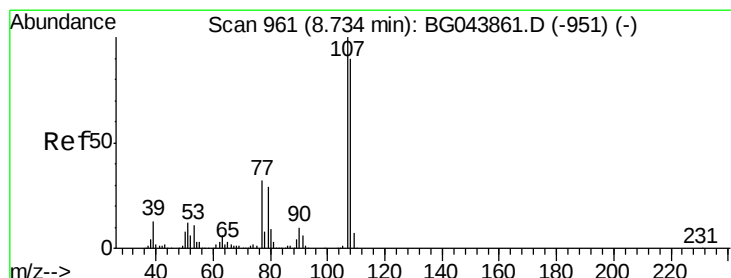
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	47.0	70.4	
101	10.5	7.2	10.8	
130	21.9	15.6	23.4	



Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

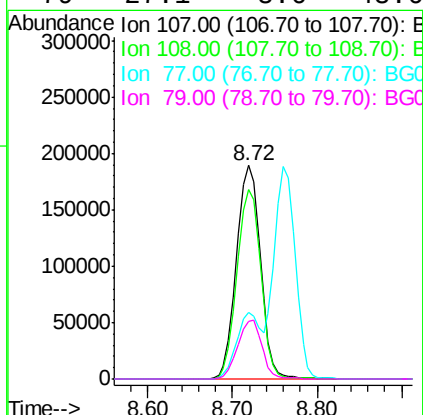
Manual Integrations
APPROVED

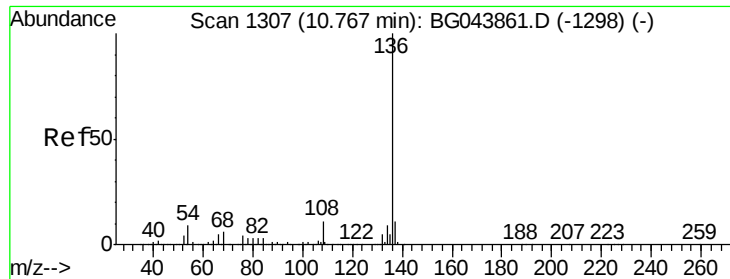
mohammad
1/17/2020 2:08:10 PM



#20
3+4-Methylphenols
Concen: 40.735 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	70.3	110.3	
77	31.3	12.4	52.4	
79	27.1	8.6	48.6	





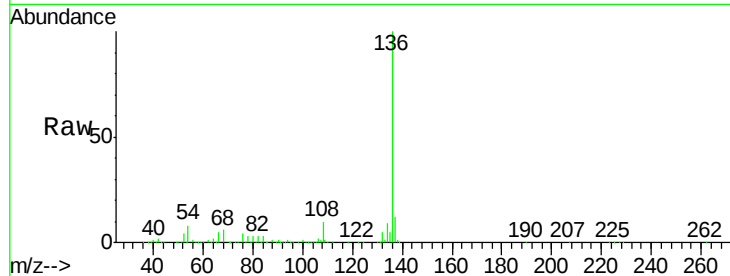
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

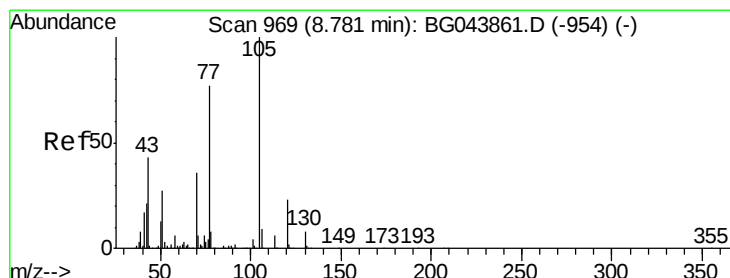
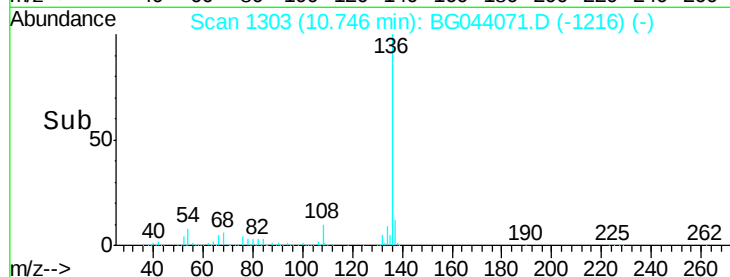
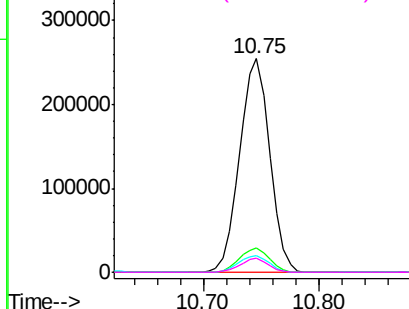
Tot Ion	Ratio	Resp	Lower	Upper
136	100	460301		
137	11.6		8.8	13.2
54	8.1		7.0	10.4
68	6.3		4.9	7.3

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



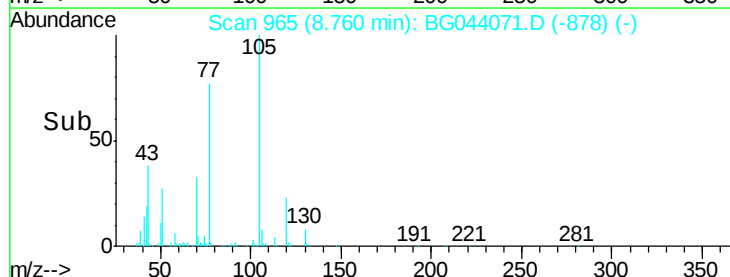
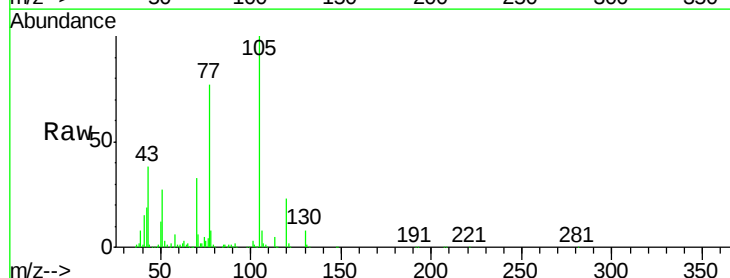
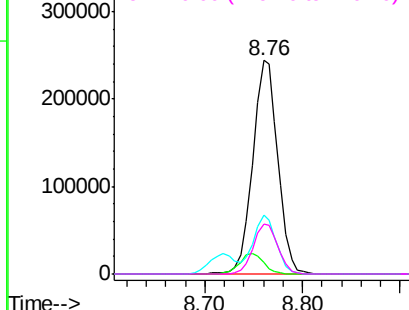
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

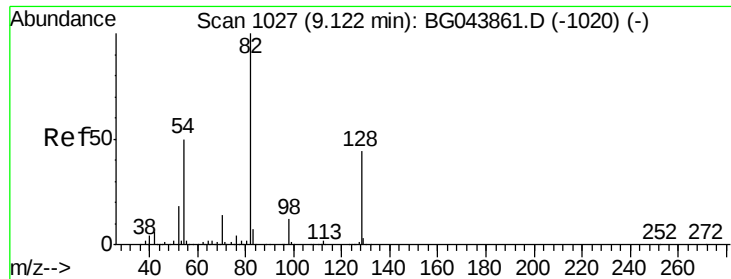


#22
Acetophenone
Concen: 38.444 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	439936		
71	5.6		4.8	7.2
51	27.4		21.4	32.0
120	23.4		18.6	28.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





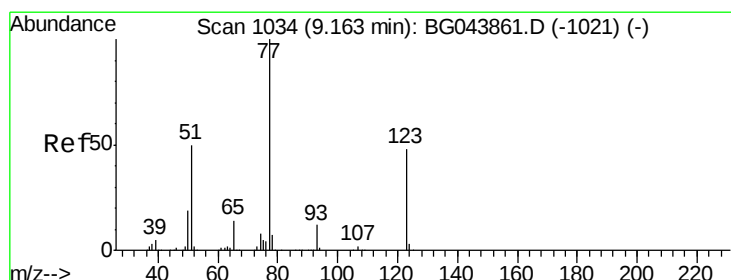
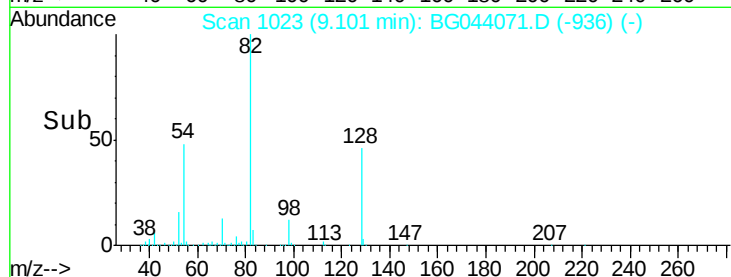
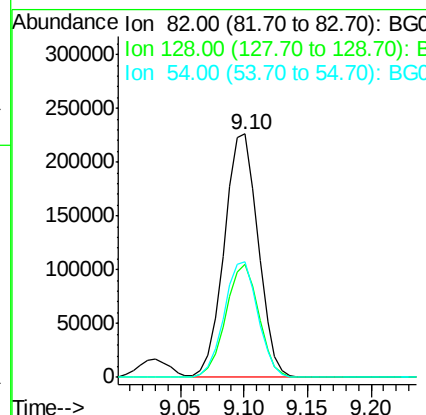
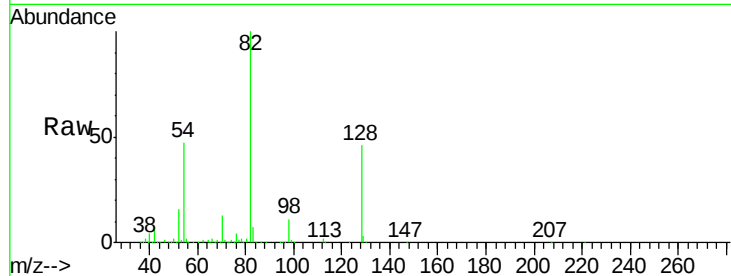
#23
Nitrobenzene-d5
Concen: 48.660 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.1	52.7
54	47.5	40.1	60.1

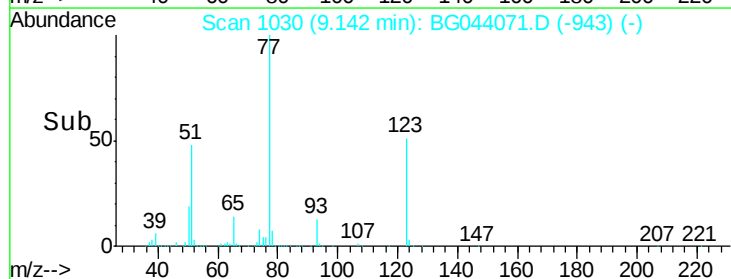
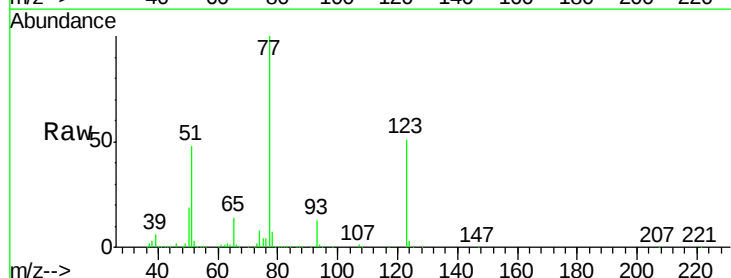
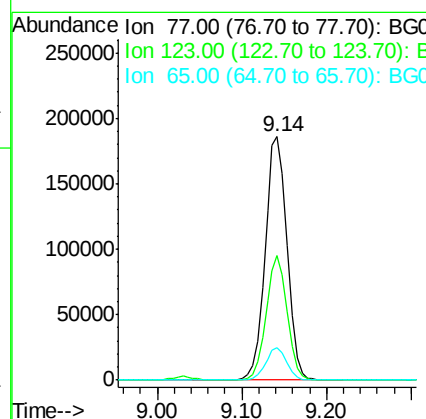
Manual Integrations
APPROVED

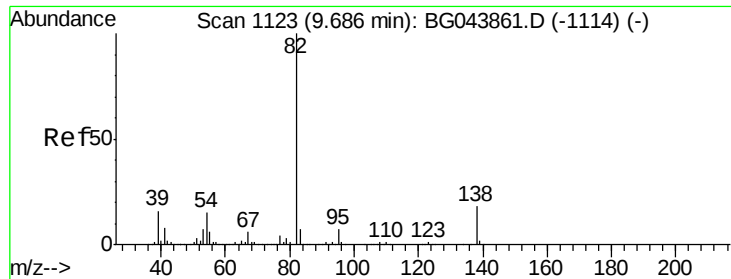
mohammad
1/17/2020 2:08:10 PM



#24
Nitrobenzene
Concen: 39.445 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	38.7	58.1
65	13.5	11.1	16.7





#25

Isophorone

Concen: 38.646 ng

RT: 9.66 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

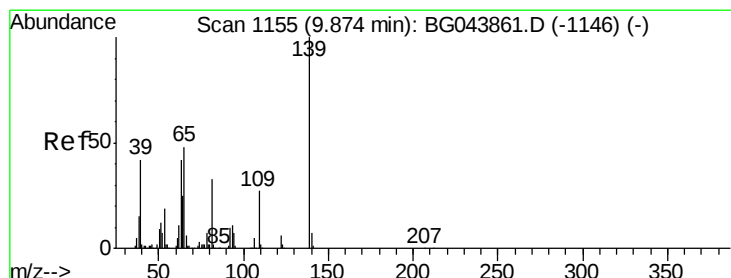
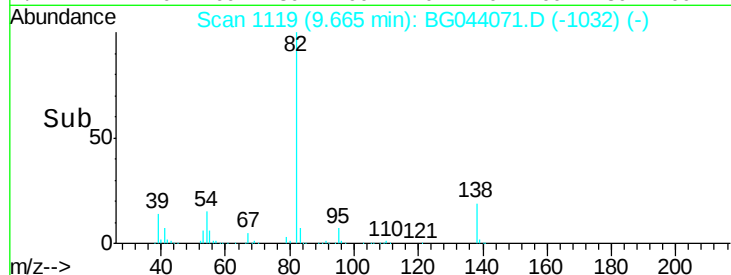
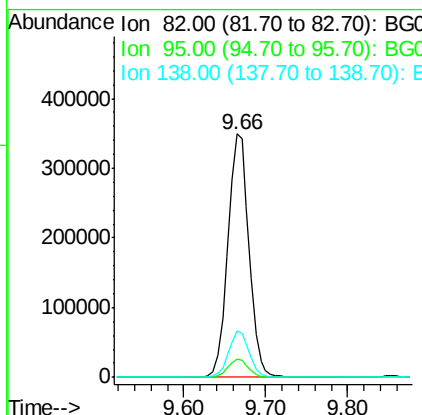
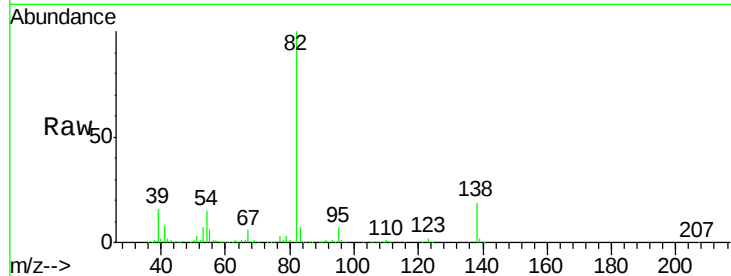
ClientSampleId :

BW-1-3.0MS

Tot Ion:	82	Resp:	623853
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.8	8.6
138	18.9	14.6	22.0

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#26

2-Nitrophenol

Concen: 45.656 ng

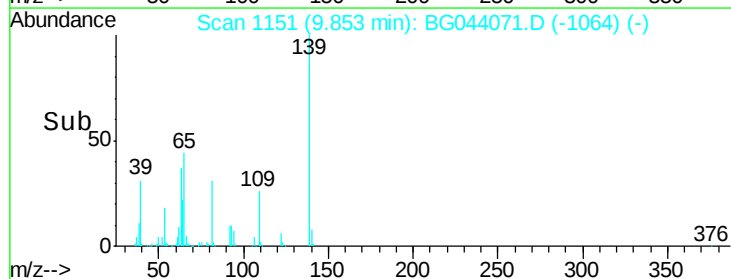
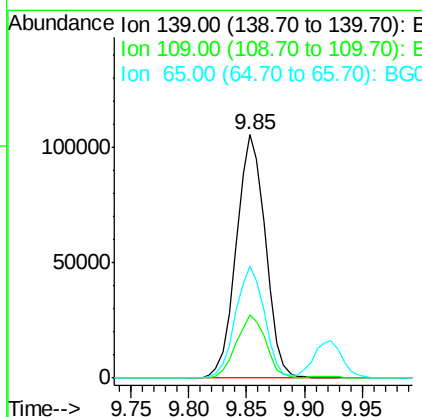
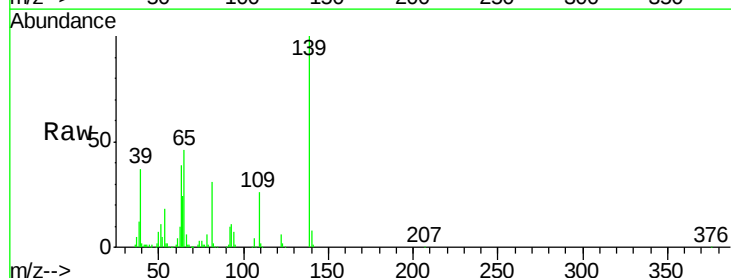
RT: 9.85 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Tgt Ion:	139	Resp:	184082
Ion Ratio		Lower	Upper
139	100		
109	25.8	21.3	31.9
65	45.8	38.6	57.8





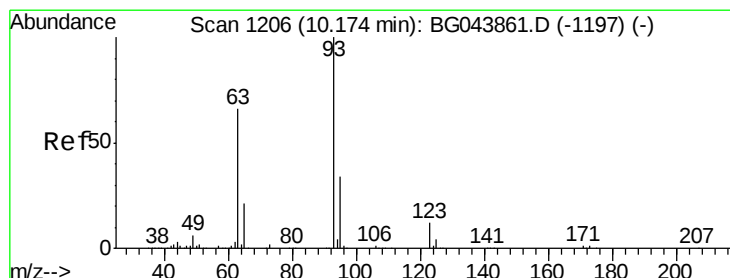
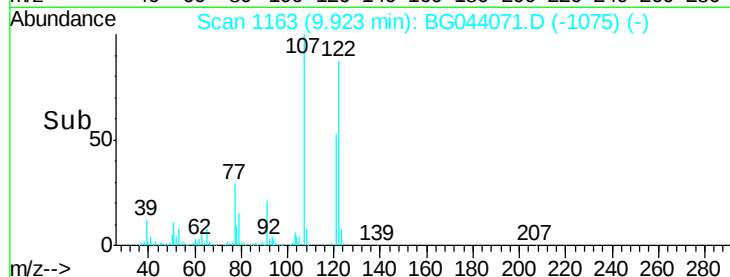
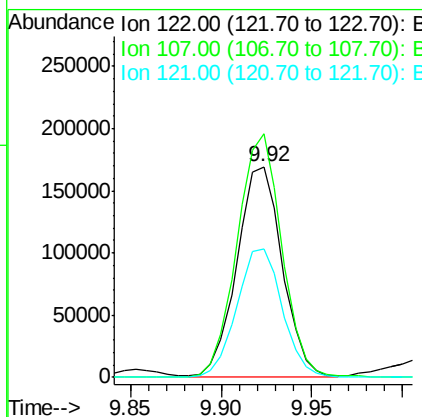
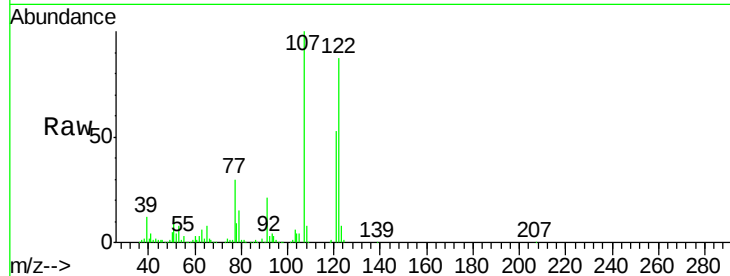
#27
2,4-Dimethylphenol
Concen: 48.584 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	294869		
107	115.5	88.0	132.0	
121	60.8	49.0	73.4	

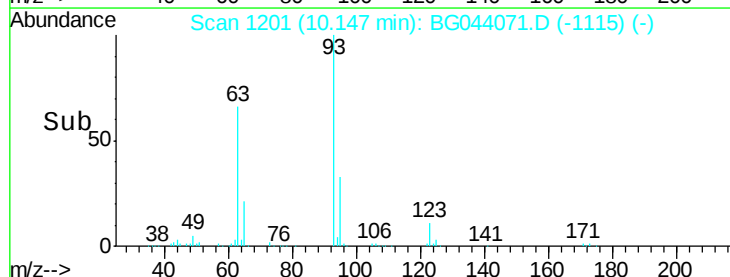
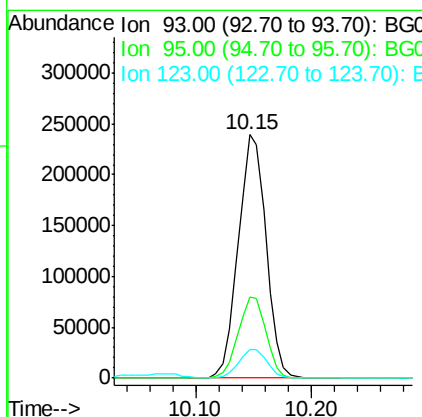
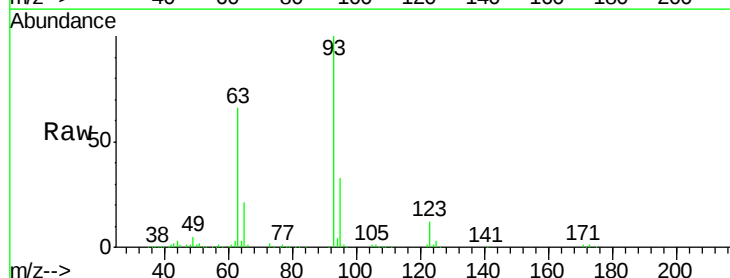
Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.133 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	399625		
95	33.4	27.2	40.8	
123	11.6	9.7	14.5	





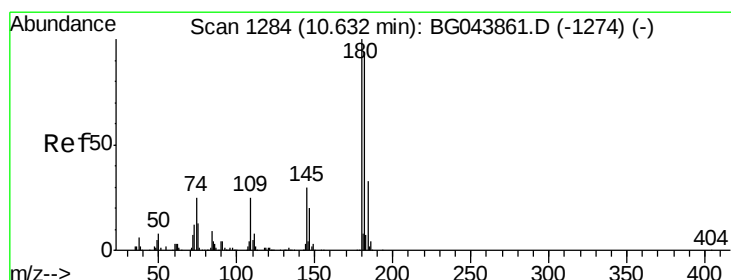
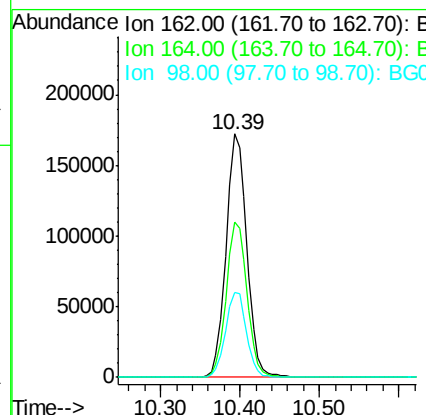
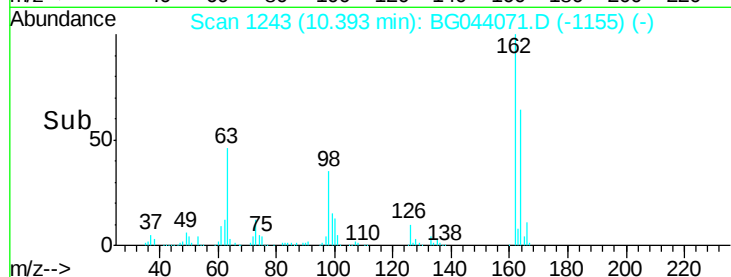
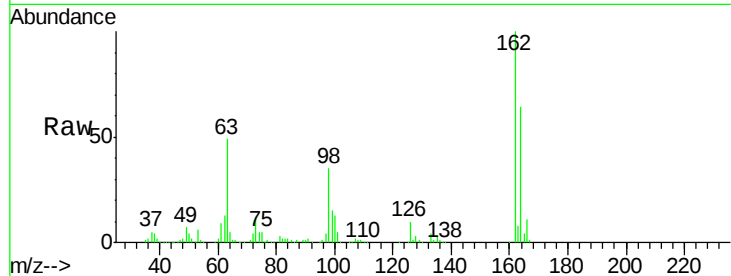
#29
2,4-Dichlorophenol
Concen: 42.968 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	311071		
164	64.0	46.3	86.3	
98	35.0	17.3	57.3	

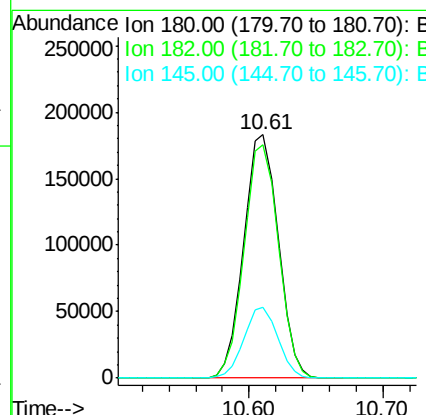
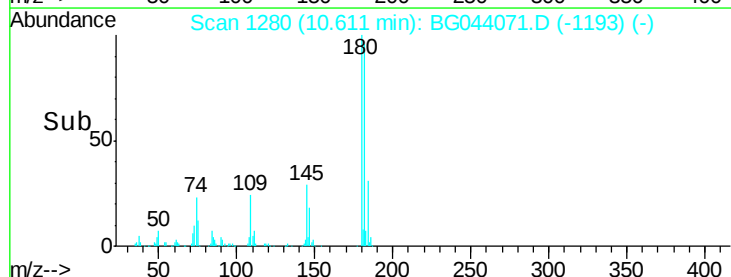
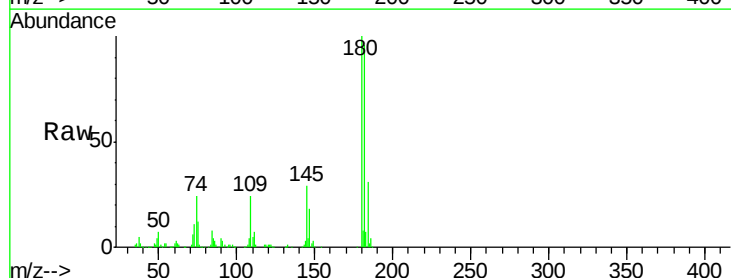
Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.402 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	327952		
182	95.8	75.0	112.4	
145	29.3	24.2	36.4	





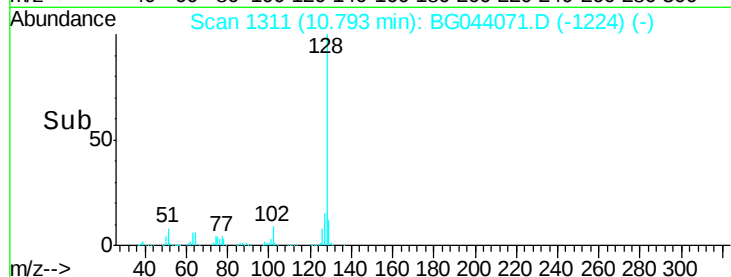
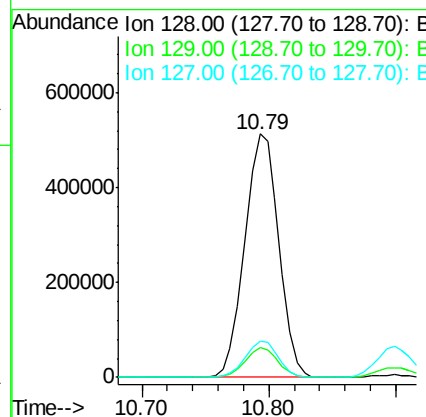
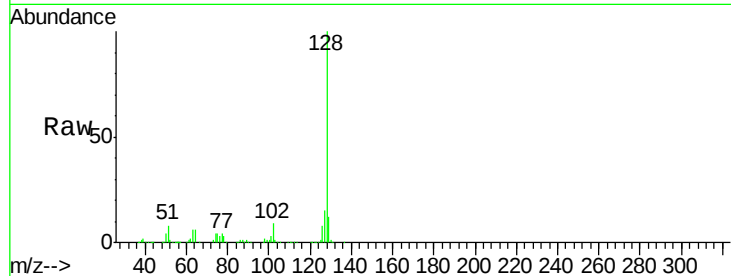
#31
Naphthalene
Concen: 42.748 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.8	14.6
127	14.6	12.0	18.0

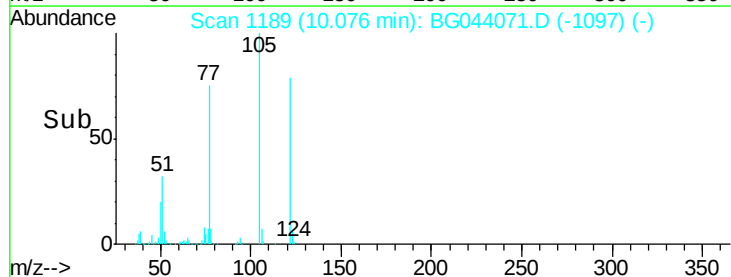
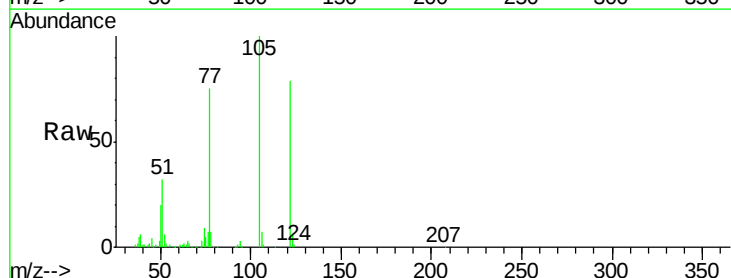
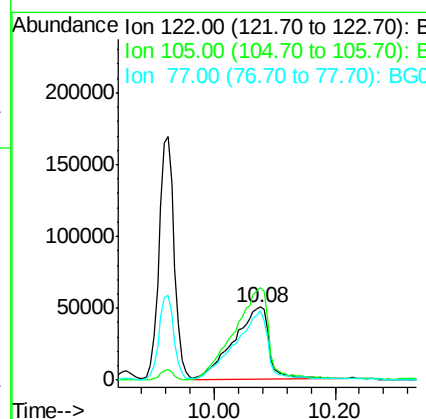
Manual Integrations
APPROVED

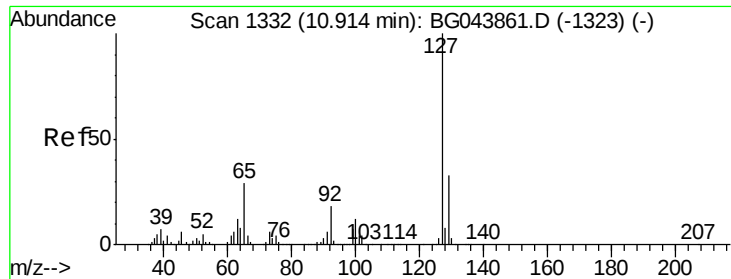
mohammad
1/17/2020 2:08:10 PM



#32
Benzoic acid
Concen: 42.241 ng
RT: 10.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.5	106.4	146.4
77	94.8	74.6	114.6





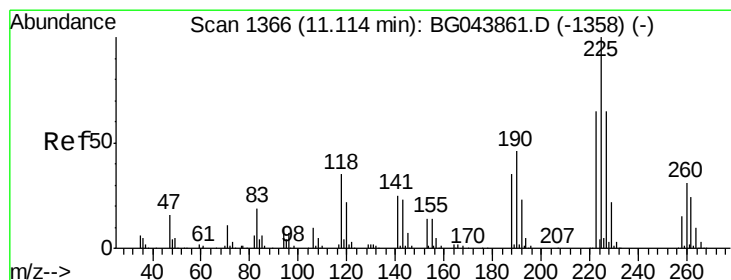
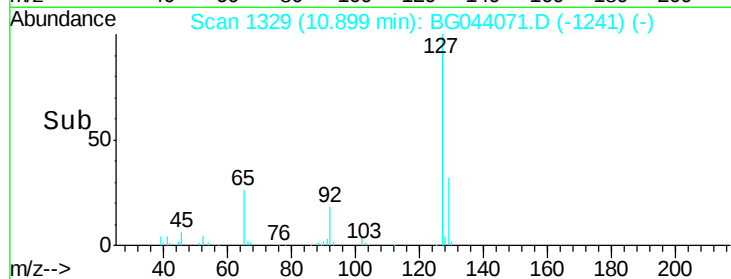
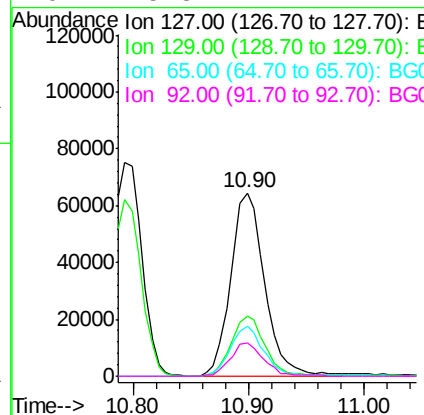
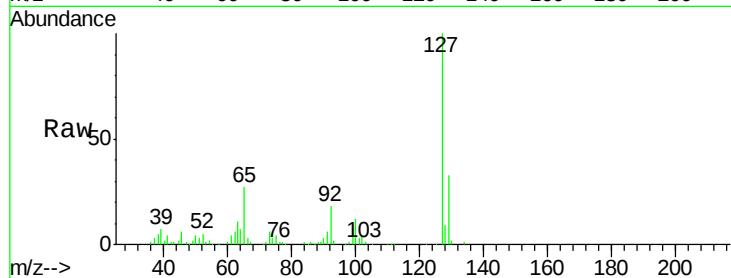
#33
4-Chloroaniline
Concen: 12.409 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	27.1	23.3	34.9
92	18.3	14.7	22.1

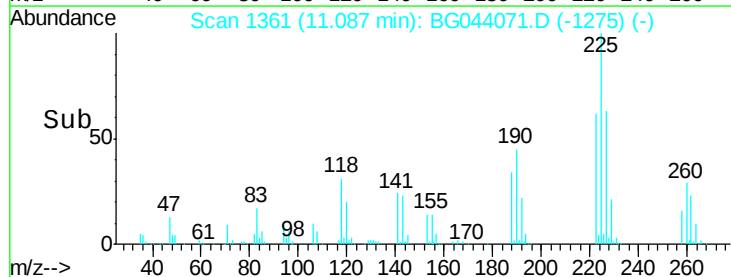
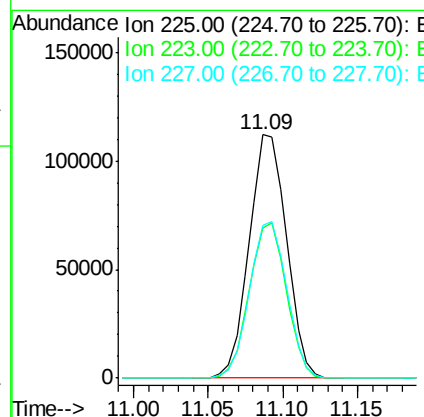
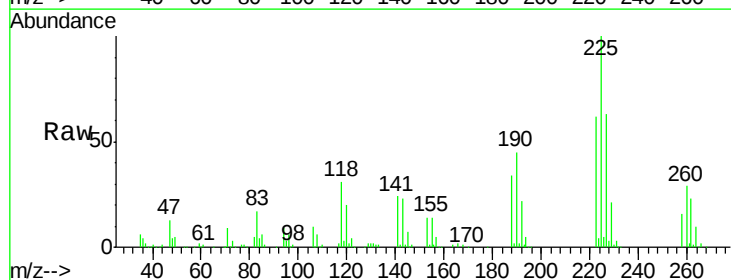
Manual Integrations
APPROVED

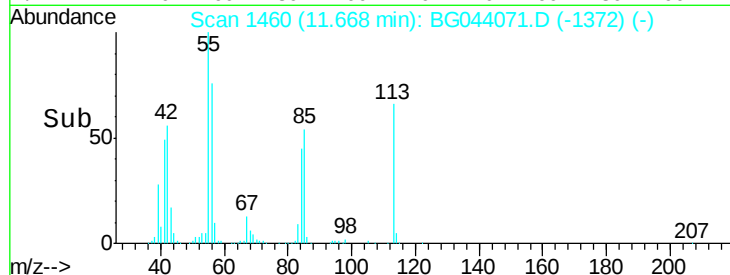
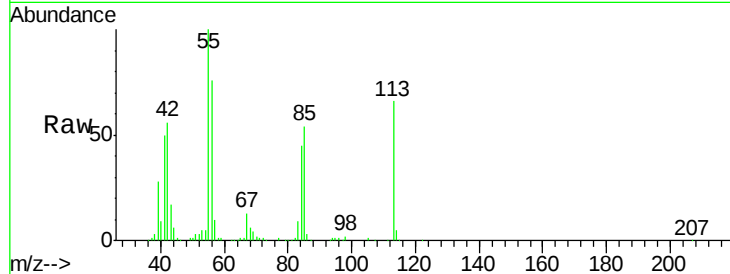
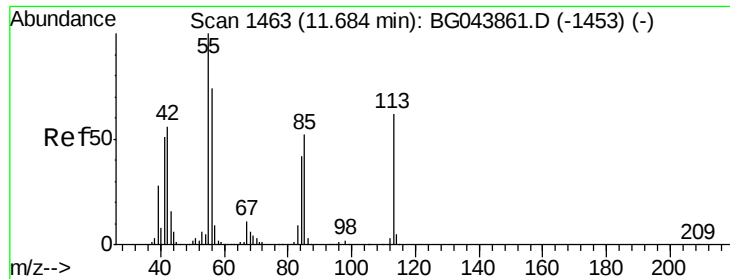
mohammad
1/17/2020 2:08:10 PM



#34
Hexachlorobutadiene
Concen: 39.098 ng
RT: 11.09 min Scan# 1361
Delta R.T. -0.03 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	52.2	78.4
227	62.6	52.1	78.1





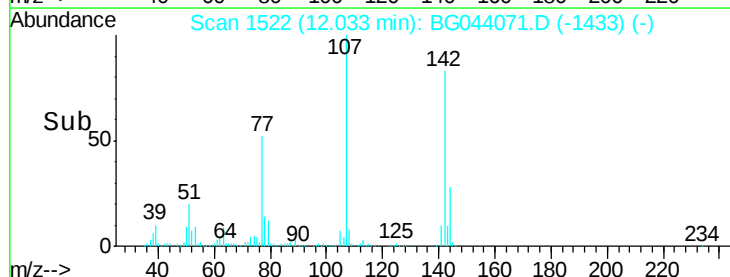
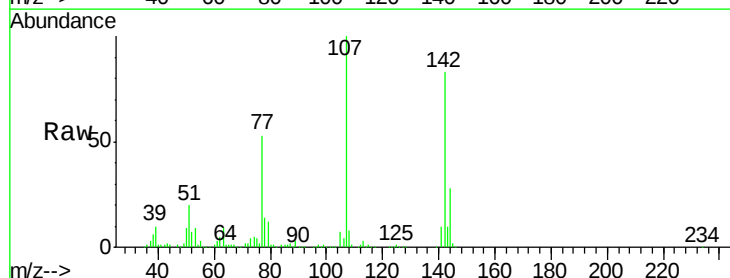
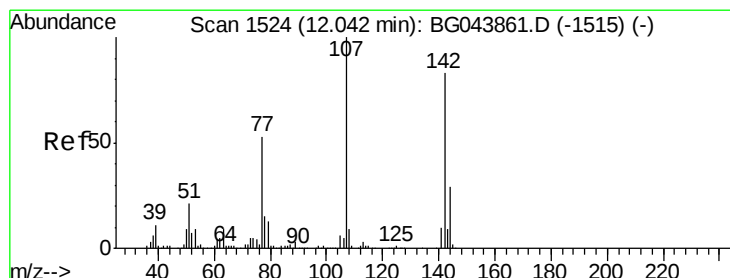
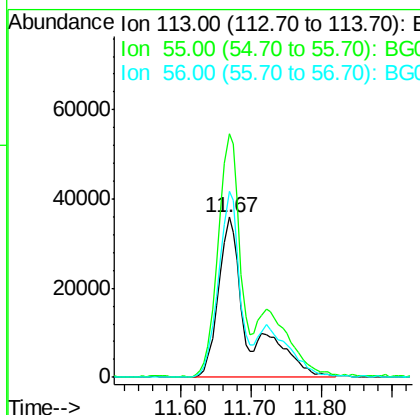
#35
Caprolactam
Concen: 39.500 ng/ml
RT: 11.67 min Scan# 1460
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.3	142.5	182.5
56	116.1	101.4	141.4

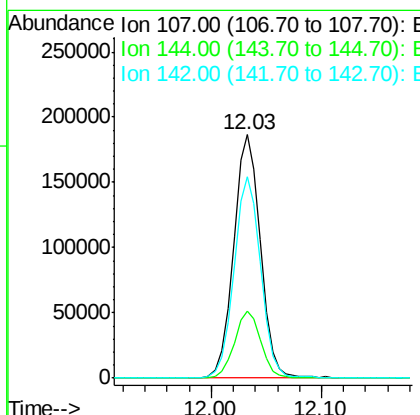
Manual Integrations
APPROVED

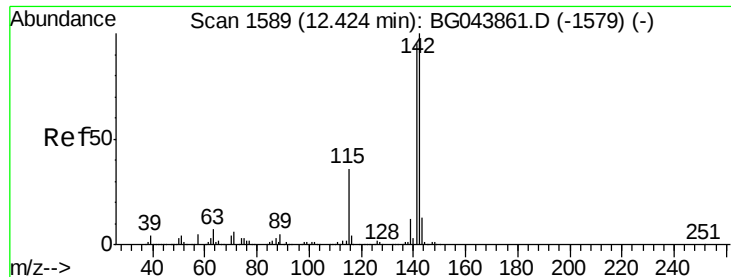
mohammad
1/17/2020 2:08:10 PM



#36
4-Chloro-3-methylphenol
Concen: 41.059 ng
RT: 12.03 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	23.4	35.2
142	82.5	66.3	99.5





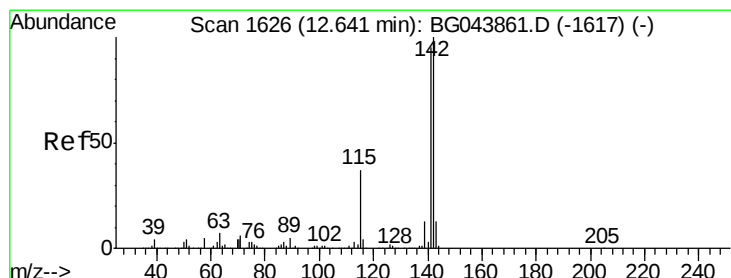
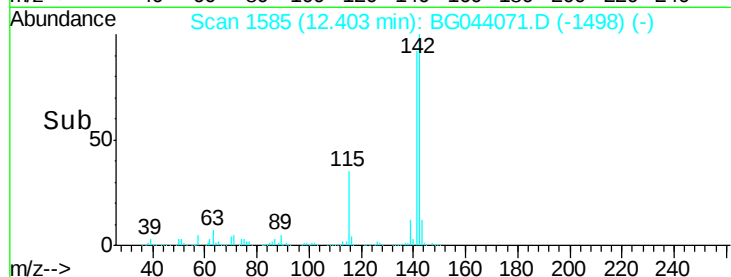
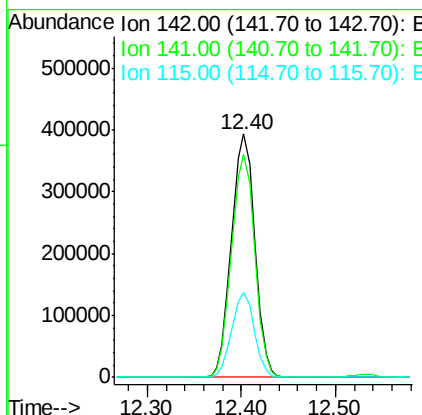
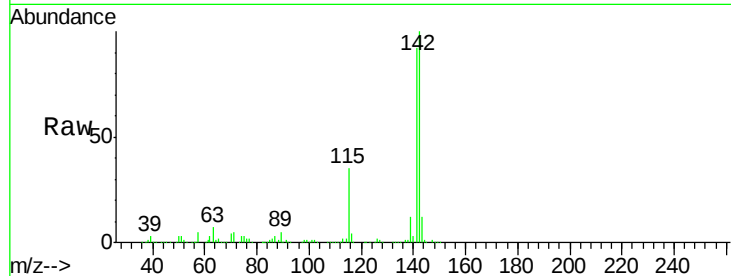
#37
2-Methylnaphthalene
Concen: 40.555 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.8	113.8
115	34.8	28.6	42.8

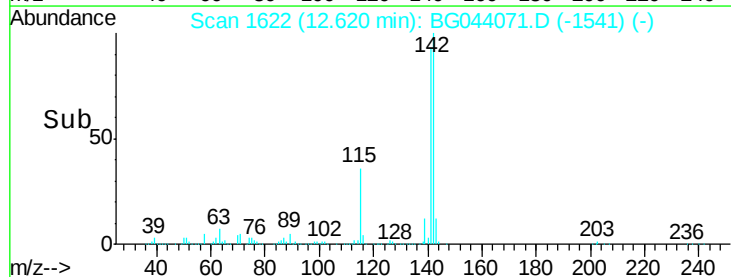
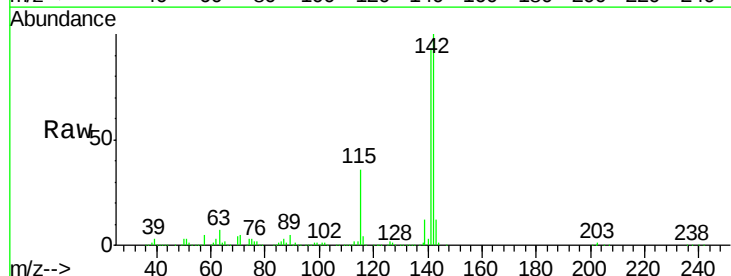
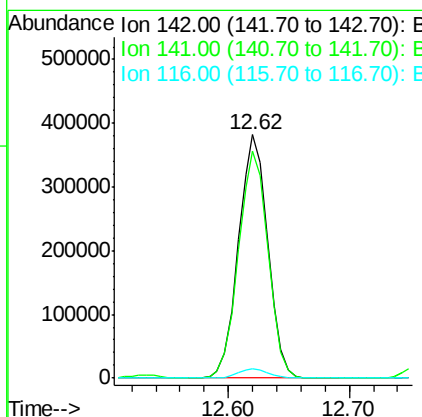
Manual Integrations
APPROVED

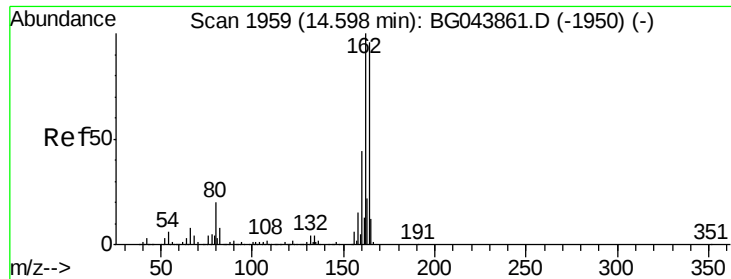
mohammad
1/17/2020 2:08:10 PM



#38
1-Methylnaphthalene
Concen: 40.456 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	76.0	114.0
116	4.0	3.1	4.7





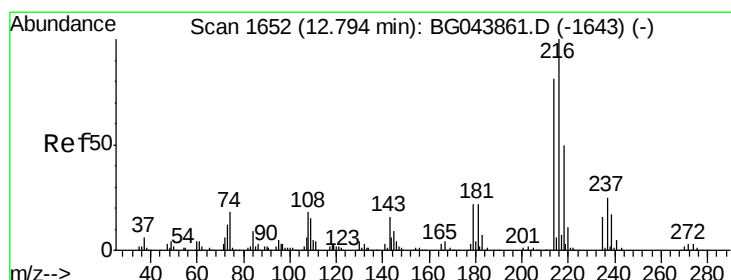
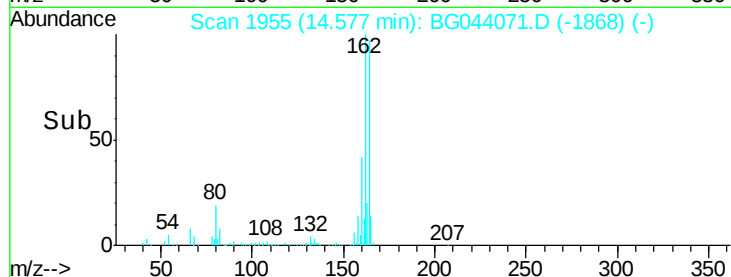
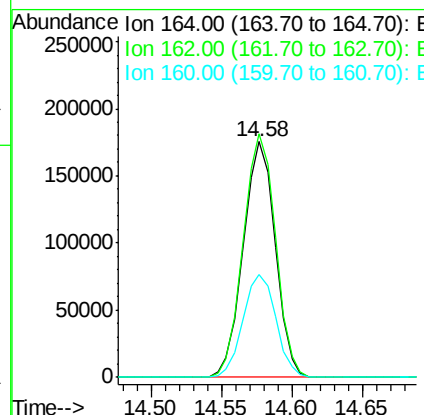
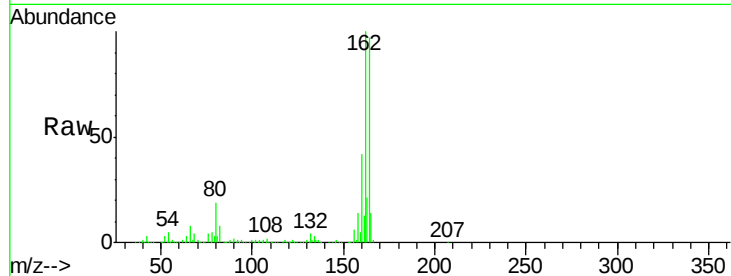
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	83.0	124.4	
160	43.9	36.1	54.1	

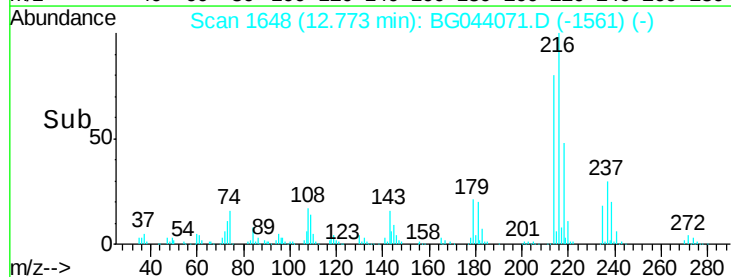
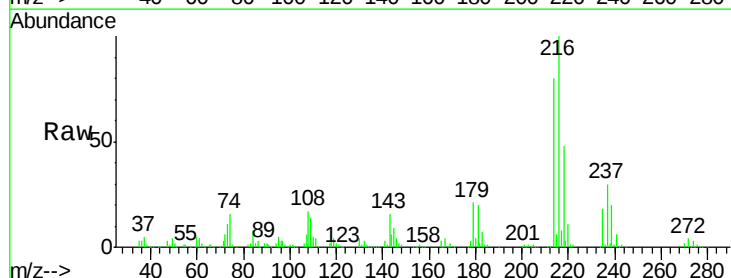
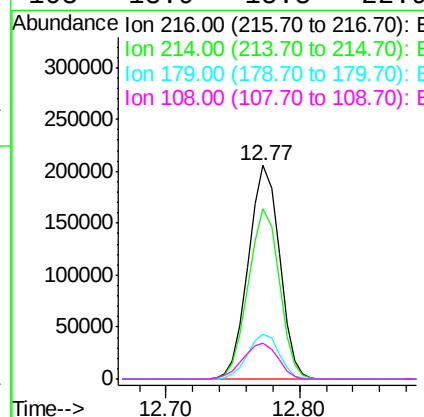
Manual Integrations
APPROVED

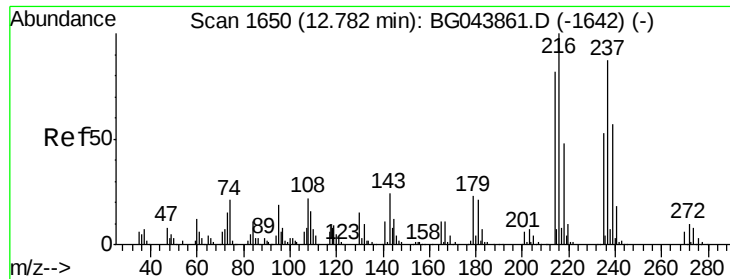
mohammad
1/17/2020 2:08:10 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.609 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	63.8	95.8	
179	21.1	17.3	25.9	
108	18.9	15.3	22.9	





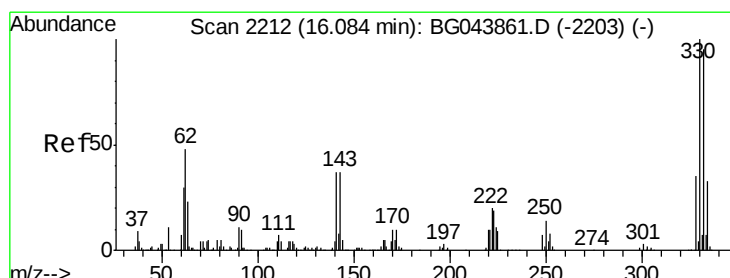
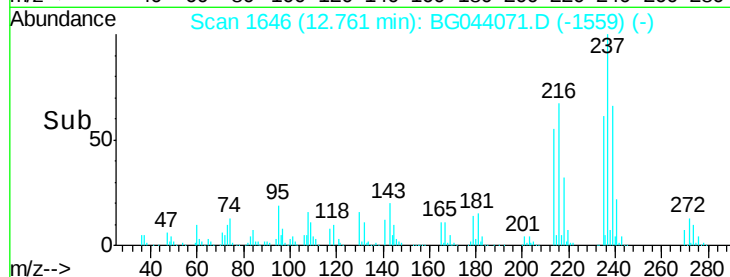
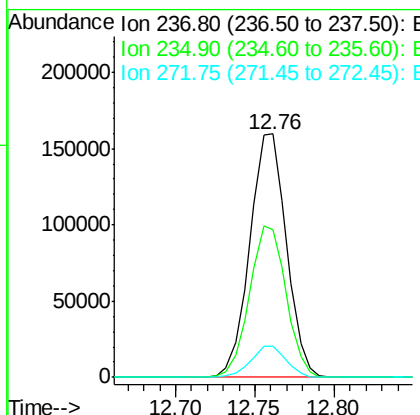
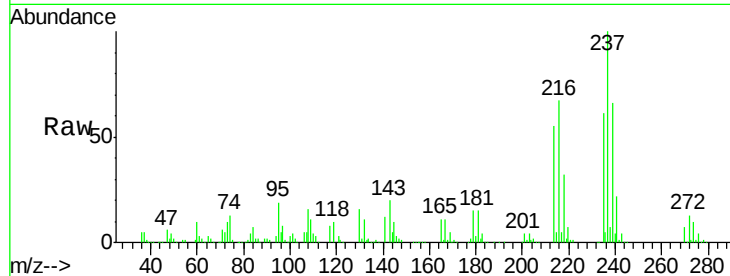
#41
Hexachlorocyclopentadiene
Concen: 60.627 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	60.8	41.1	81.1
272	12.8	0.0	31.7

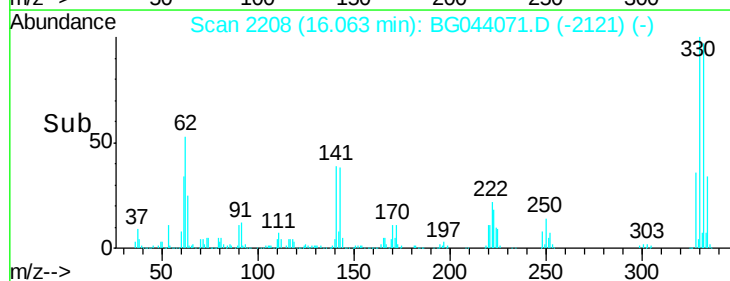
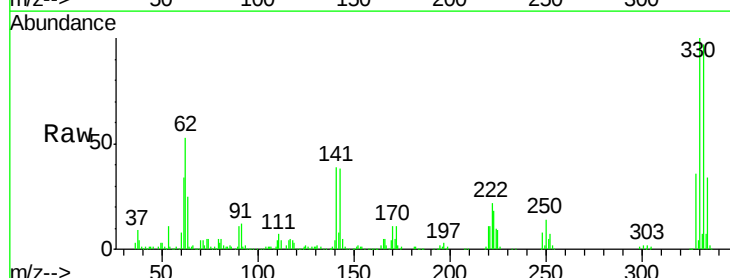
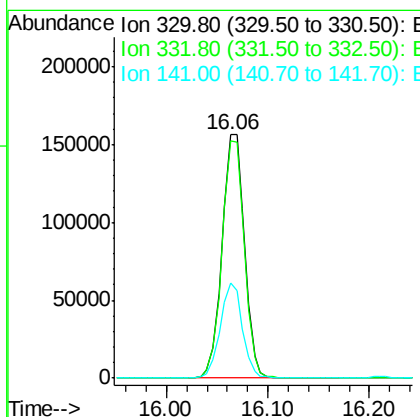
Manual Integrations
APPROVED

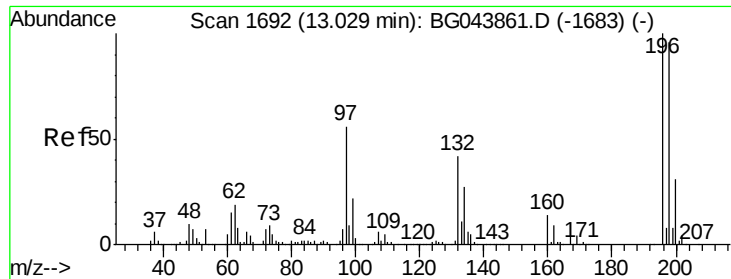
mohammad
1/17/2020 2:08:10 PM



#42
2,4,6-Tribromophenol
Concen: 82.541 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	77.2	115.8
141	38.6	33.1	49.7





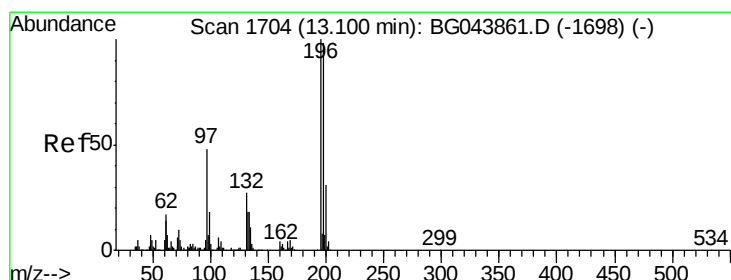
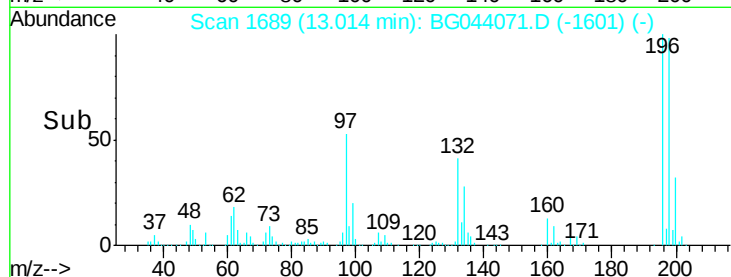
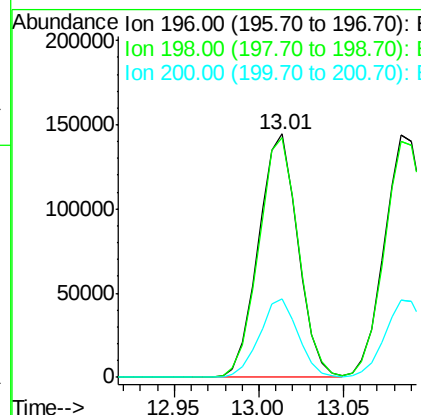
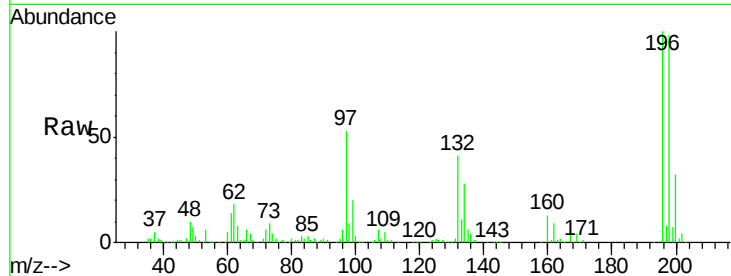
#43
 2,4,6-Trichlorophenol
 Concen: 41.718 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044071.D
 Acq: 16 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	234231		
198	98.5	76.6	115.0	
200	32.3	24.6	37.0	

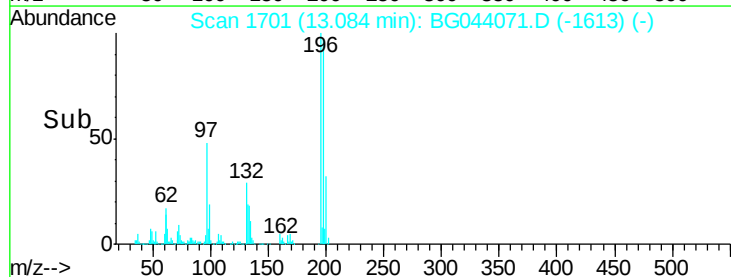
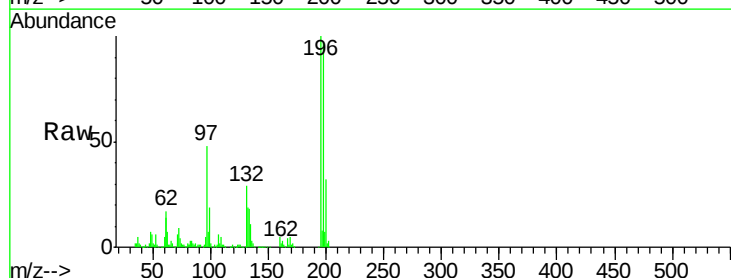
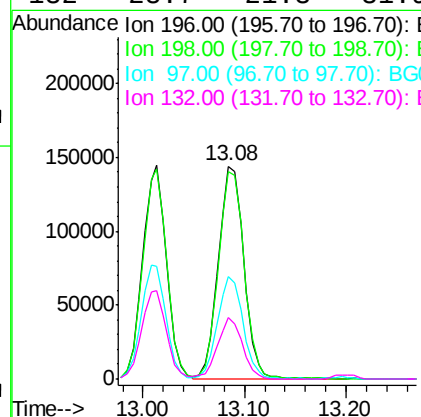
Manual Integrations
 APPROVED

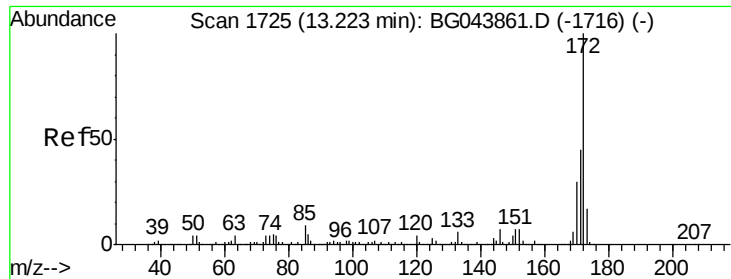
mohammad
 1/17/2020 2:08:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.591 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044071.D
 Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	252428		
198	97.4	78.3	117.5	
97	47.9	38.8	58.2	
132	28.7	21.3	31.9	





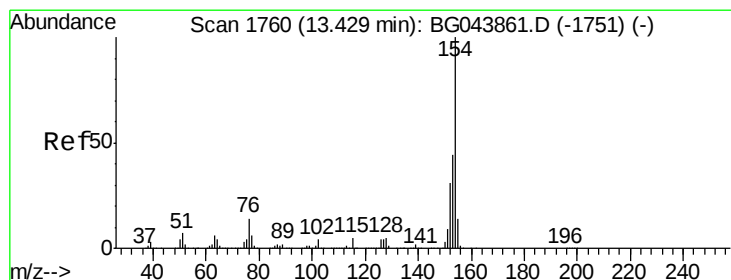
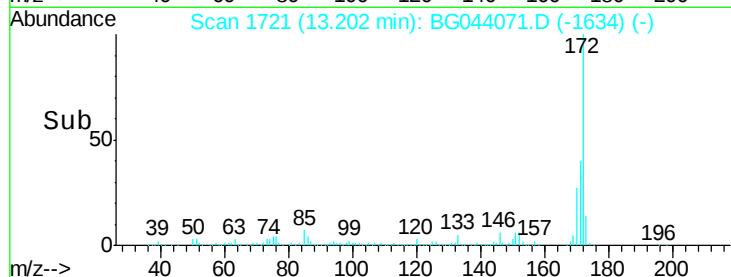
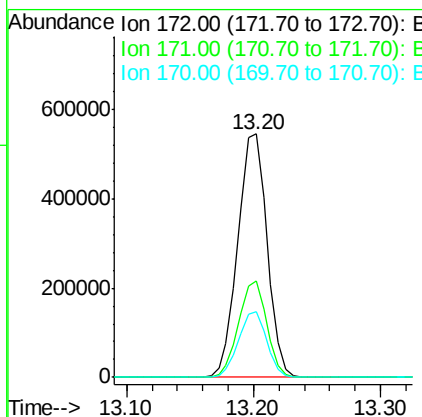
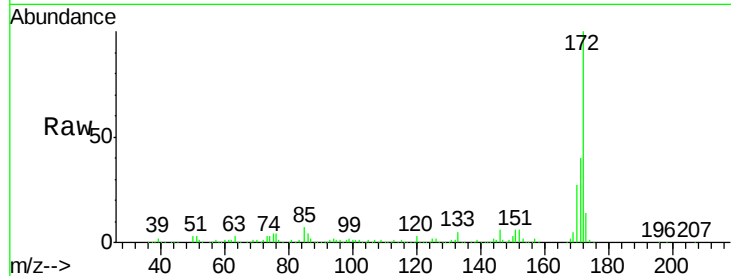
#45
2-Fluorobiphenyl
Concen: 56.778 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	35.8	53.8
170	26.8	24.2	36.4

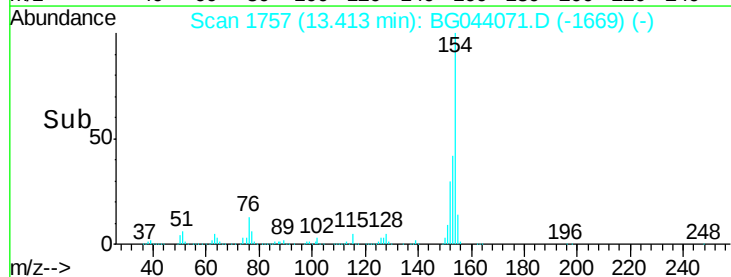
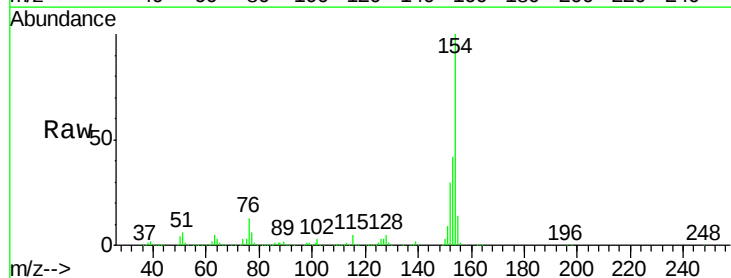
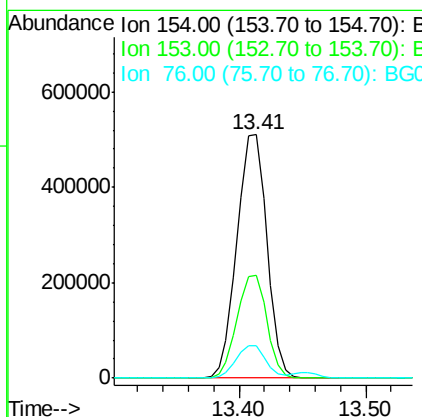
Manual Integrations
APPROVED

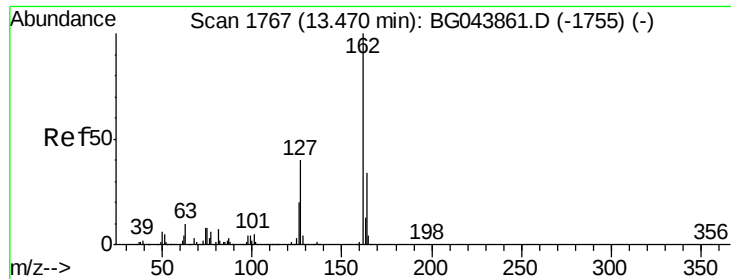
mohammad
1/17/2020 2:08:10 PM



#46
1,1'-Biphenyl
Concen: 41.929 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.6	63.6
76	13.1	0.0	34.4





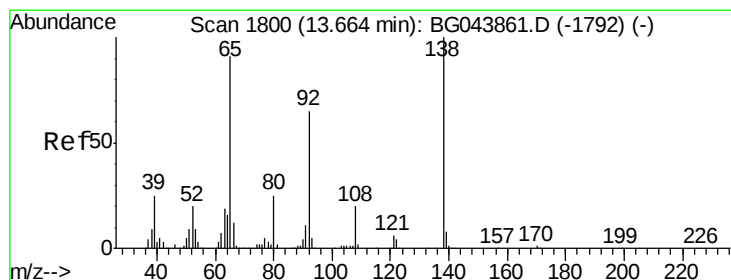
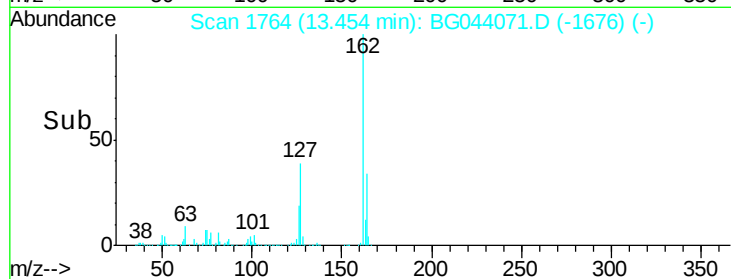
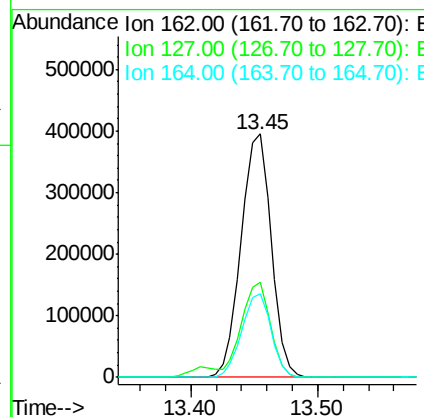
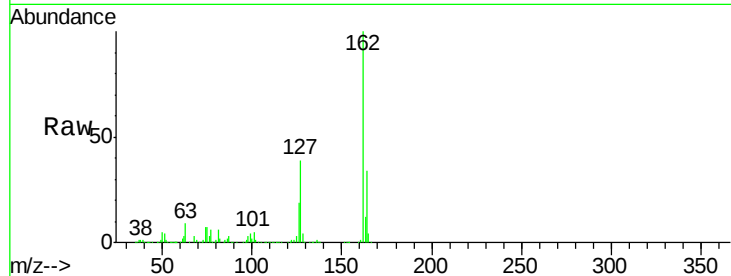
#47
2-Chloronaphthalene
Concen: 40.390 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.1	48.1
164	34.2	27.5	41.3

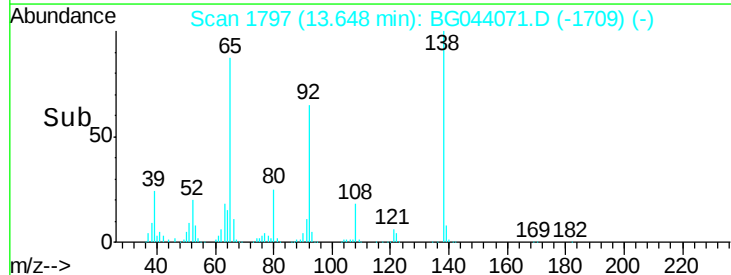
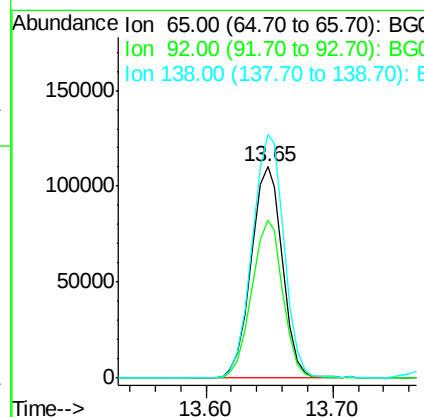
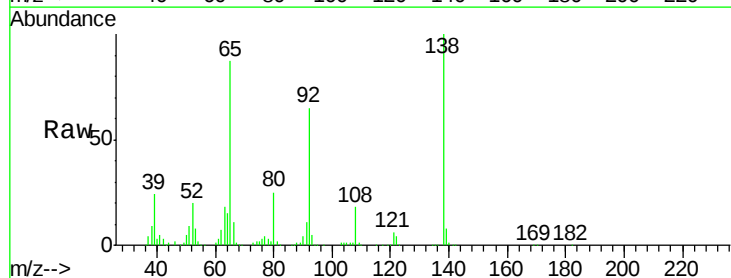
Manual Integrations
APPROVED

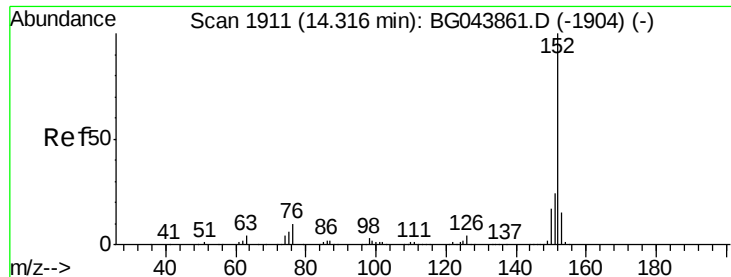
mohammad
1/17/2020 2:08:10 PM



#48
2-Nitroaniline
Concen: 36.483 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	57.4	86.2
138	115.2	88.2	132.4





#49

Acenaphthylene

Concen: 44.629 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

BW-1-3.0MS

Tot Ion:152 Resp: 1034638

Ion Ratio Lower Upper

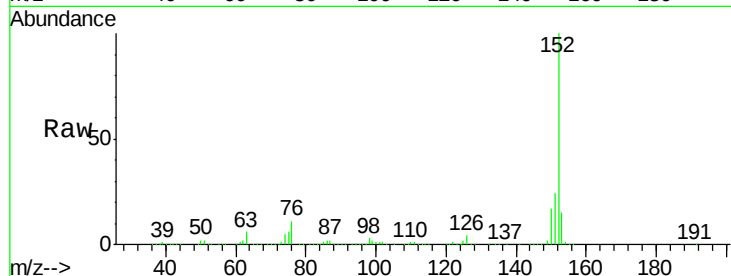
152 100

151 23.7 19.4 29.2

153 15.0 12.0 18.0

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM

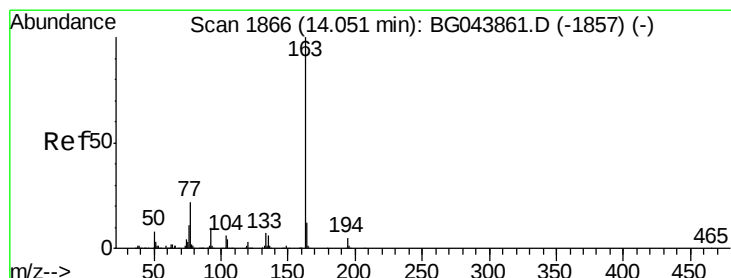
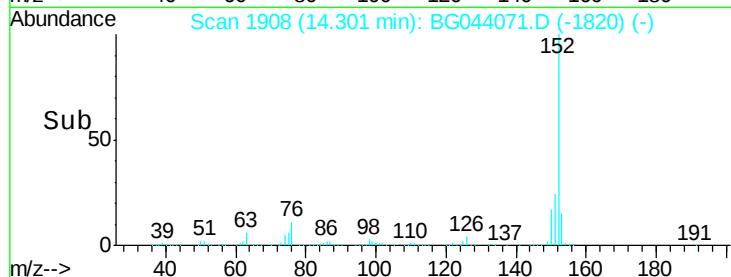
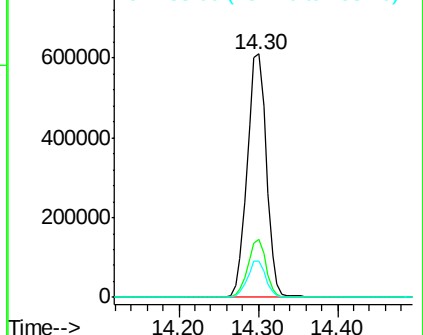


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.429 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

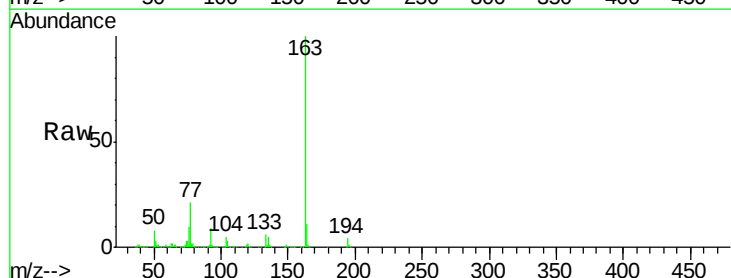
Tgt Ion:163 Resp: 858482

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

164 11.1 9.3 13.9

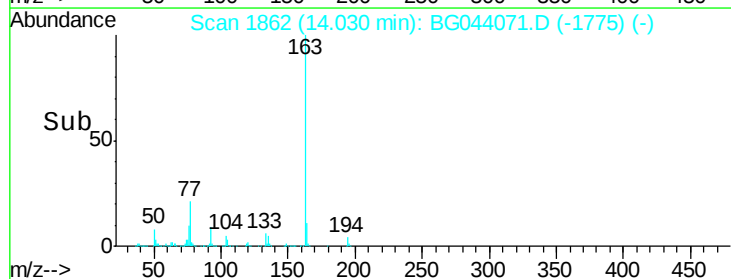
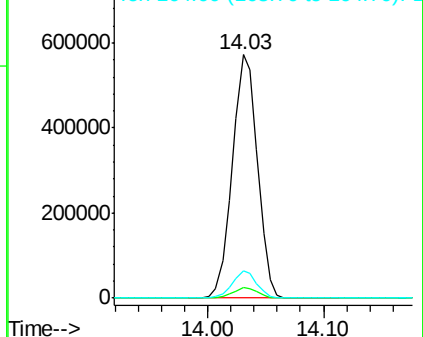


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





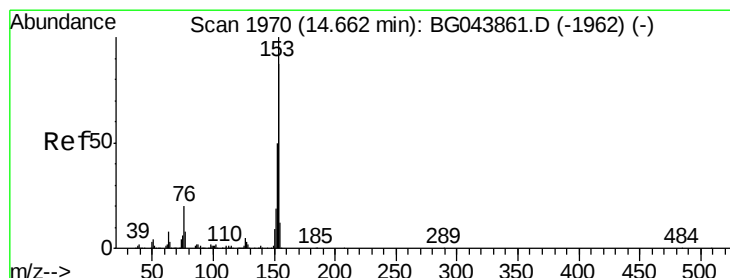
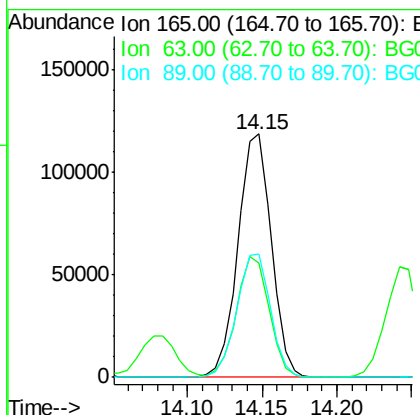
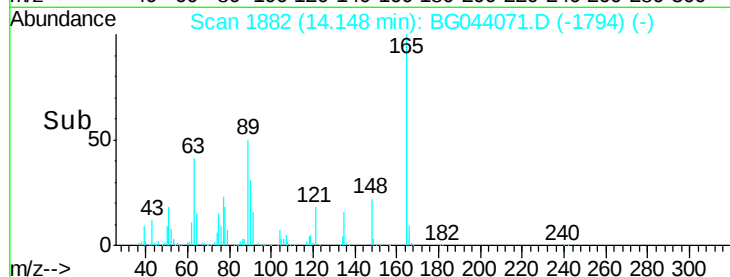
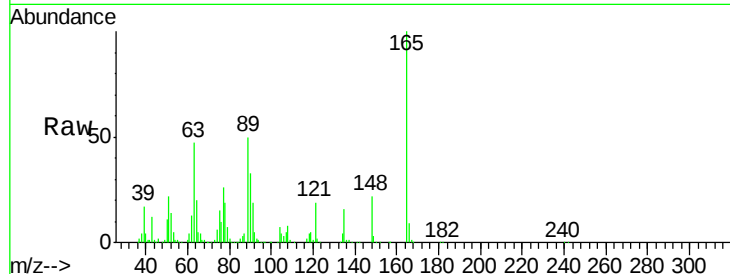
#51
 2,6-Dinitrotoluene
 Concen: 41.126 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BG044071.D
 Acq: 16 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		183746		
63	46.8	43.1	64.7		
89	50.4	43.8	65.6		

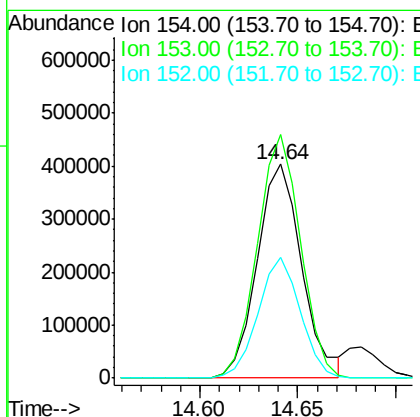
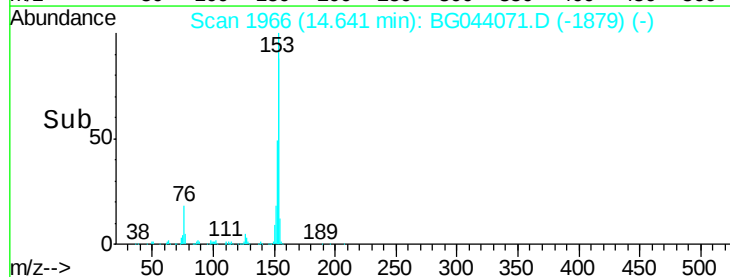
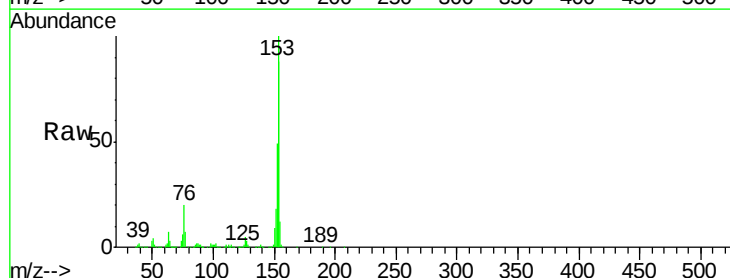
Manual Integrations
 APPROVED

mohammad
 1/17/2020 2:08:10 PM



#52
 Acenaphthene
 Concen: 39.224 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG044071.D
 Acq: 16 Jan 2020 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		637697		
153	113.9	91.6	137.4		
152	56.3	45.4	68.0		





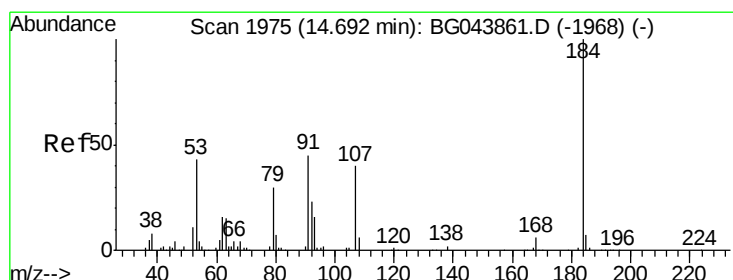
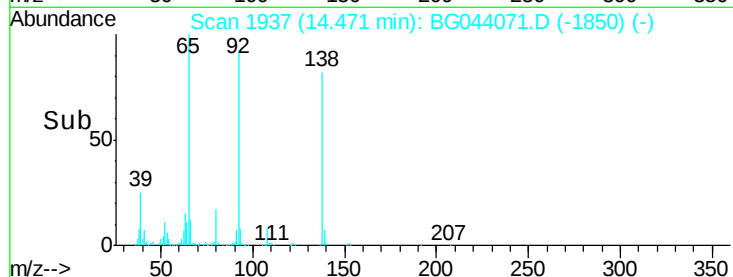
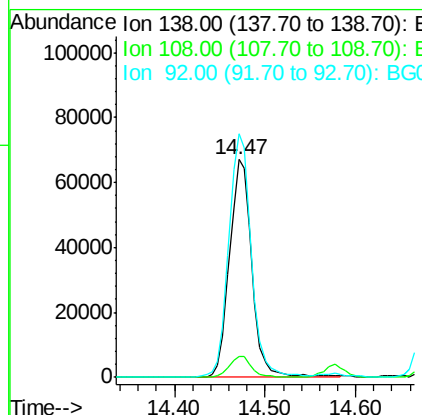
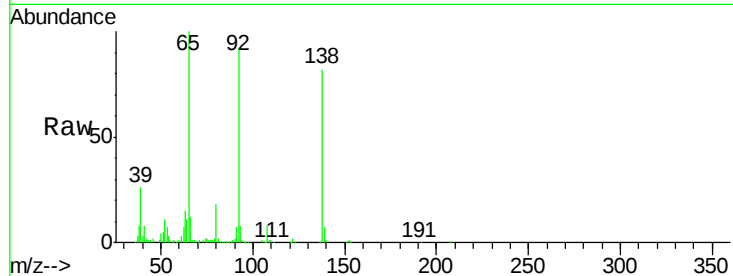
#53
3-Nitroaniline
Concen: 22.697 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.4	11.2
92	111.9	92.1	138.1

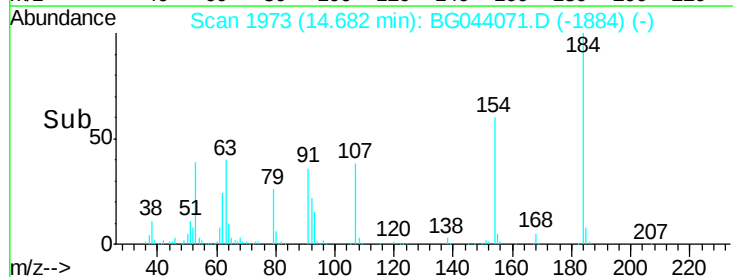
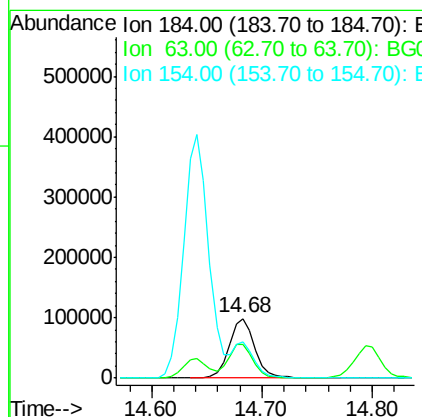
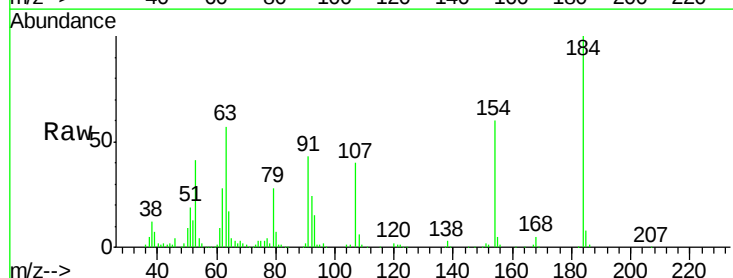
Manual Integrations
APPROVED

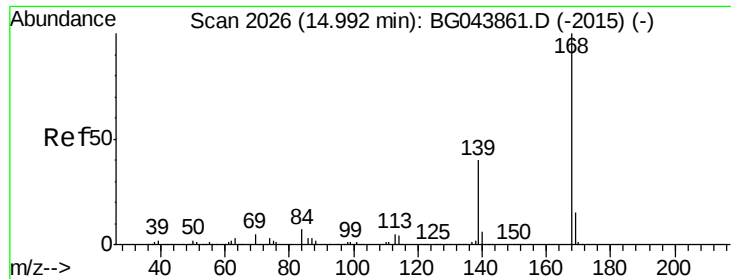
mohammad
1/17/2020 2:08:10 PM



#54
2,4-Dinitrophenol
Concen: 70.638 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.6	46.6	70.0
154	59.6	50.2	75.4





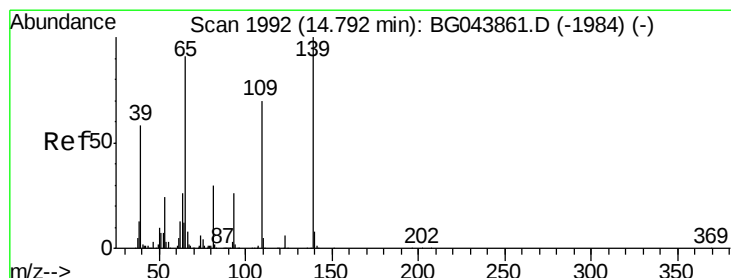
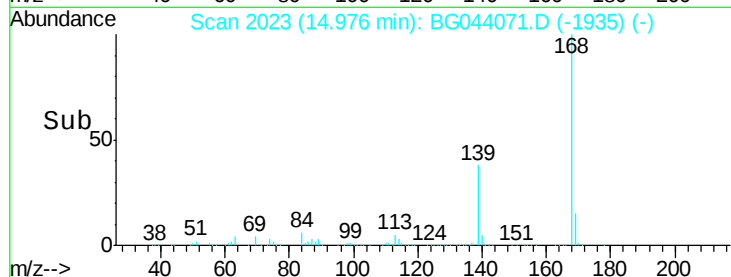
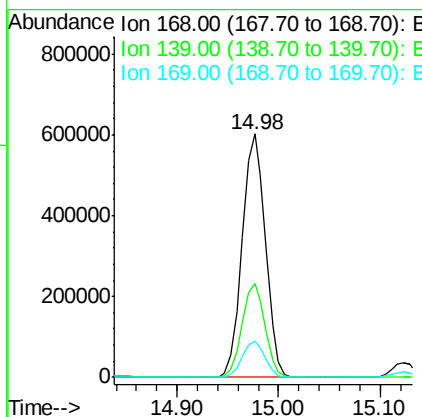
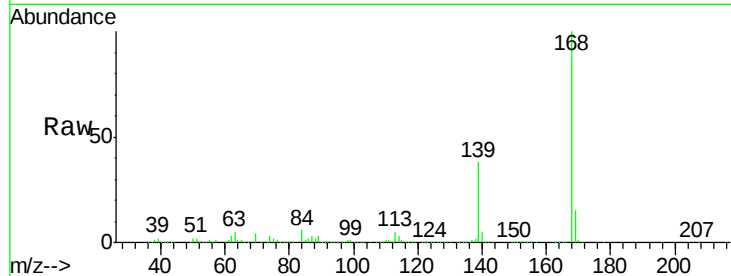
#55
Dibenzofuran
Concen: 42.451 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	950103		
139	38.3	32.2	48.2	
169	14.7	12.2	18.2	

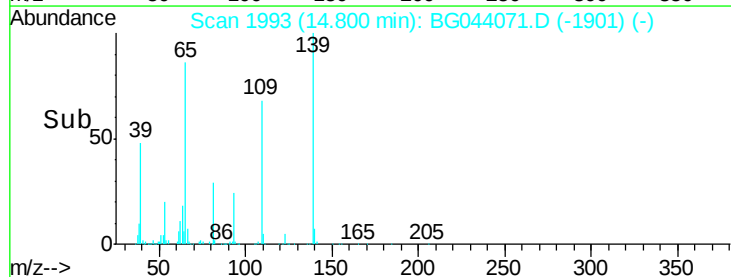
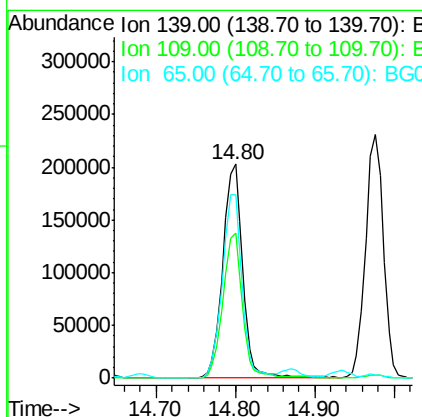
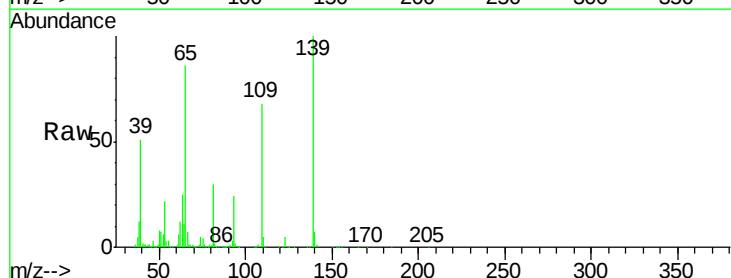
Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#56
4-Nitrophenol
Concen: 91.460 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	355595		
109	67.7	50.4	90.4	
65	86.0	71.4	111.4	





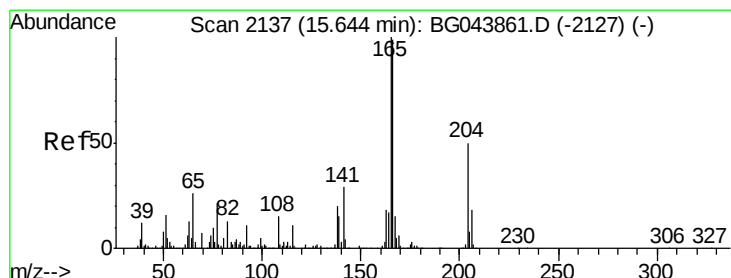
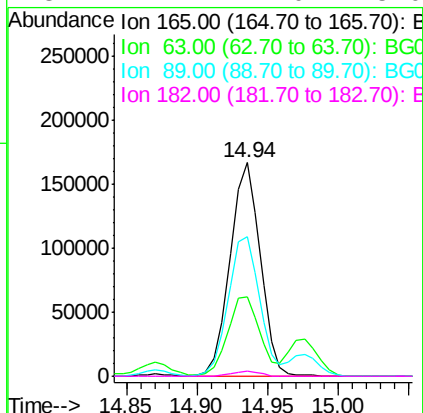
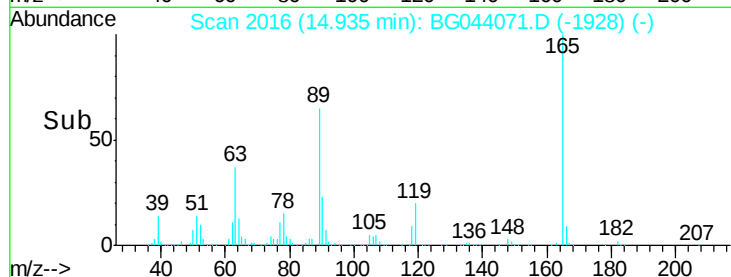
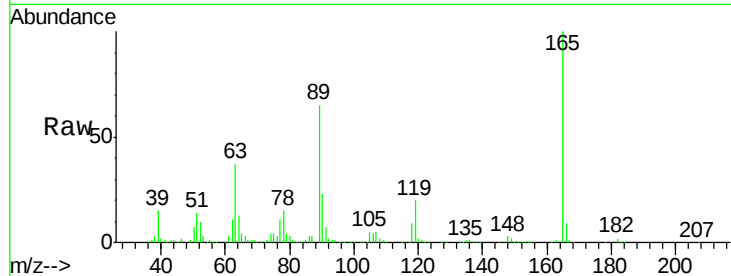
#57
2,4-Dinitrotoluene
Concen: 40.825 ng
RT: 14.94 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	248195		
63	37.1		31.9	47.9
89	65.4		53.8	80.6
182	2.4		2.0	3.0

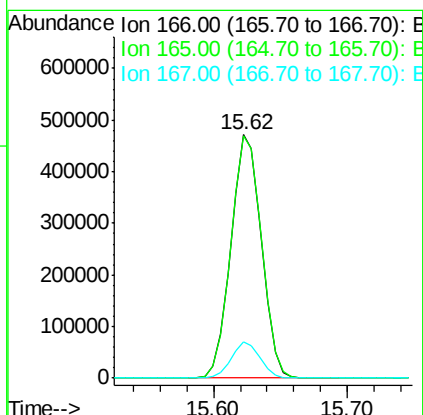
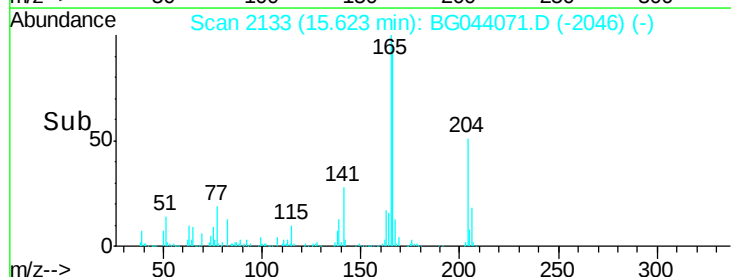
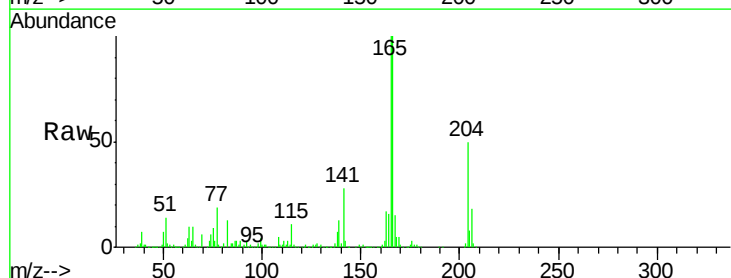
Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#58
Fluorene
Concen: 42.076 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	746400		
165	99.7		80.8	121.2
167	14.6		12.1	18.1





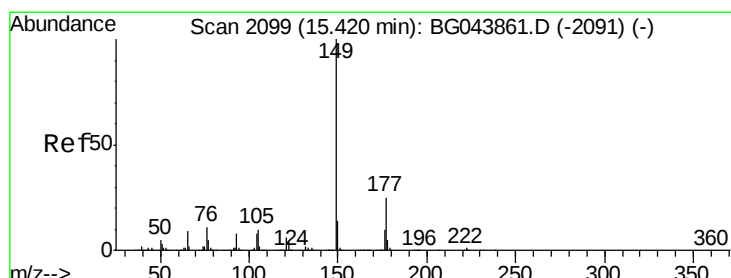
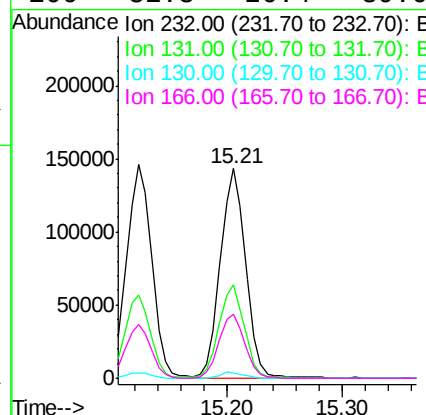
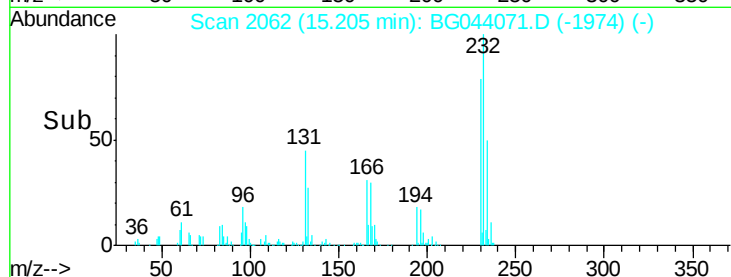
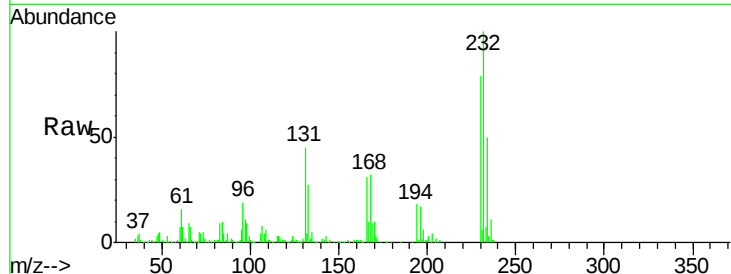
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.491 ng
RT: 15.21 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	216564		
131	44.6	38.2	57.2	
130	2.7	2.2	3.2	
166	31.3	26.4	39.6	

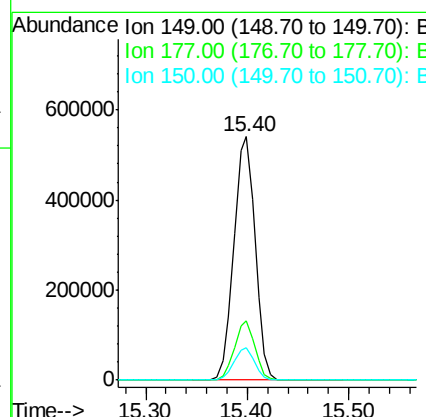
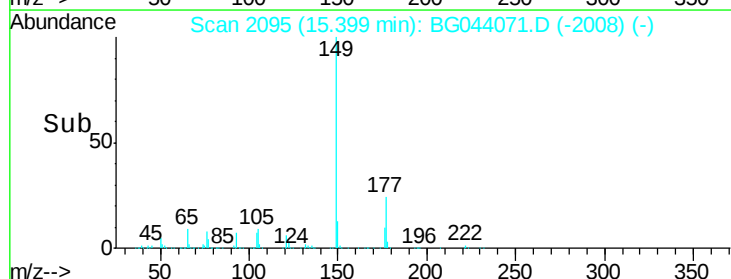
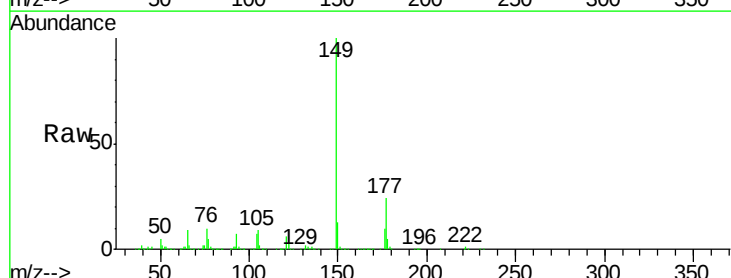
Manual Integrations
APPROVED

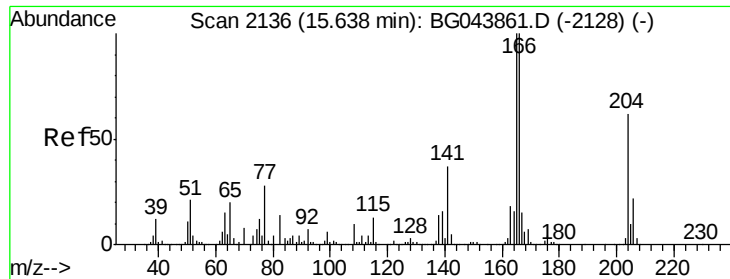
mohammad
1/17/2020 2:08:10 PM



#60
Diethylphthalate
Concen: 39.767 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	786242		
177	24.3	20.0	30.0	
150	13.1	11.1	16.7	





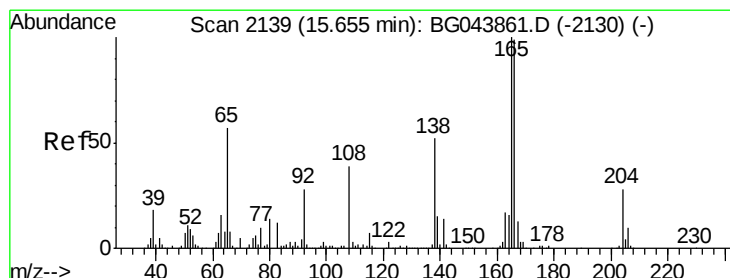
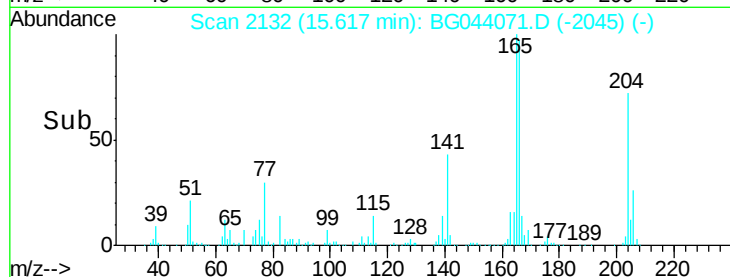
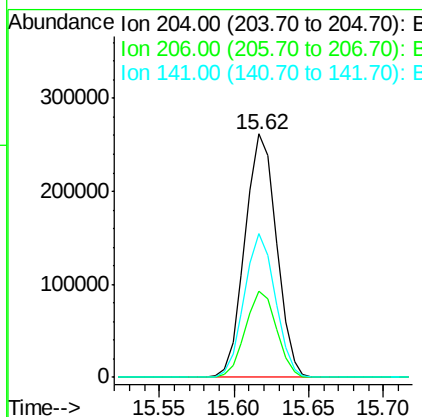
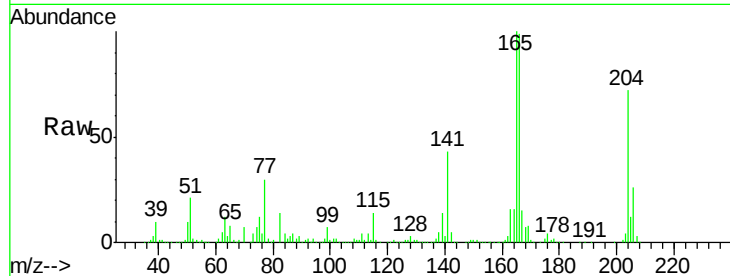
#61
4-Chlorophenyl-phenylether
Concen: 39.639 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	381818		
206	35.3	28.2	42.2	
141	59.2	48.2	72.2	

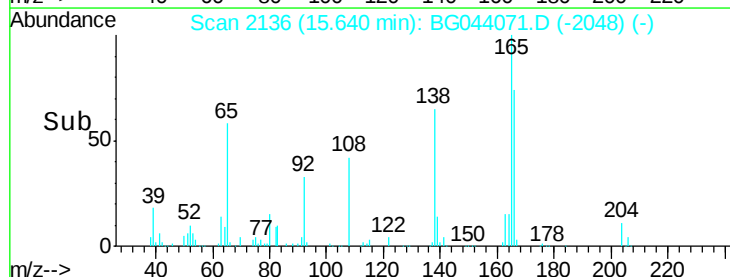
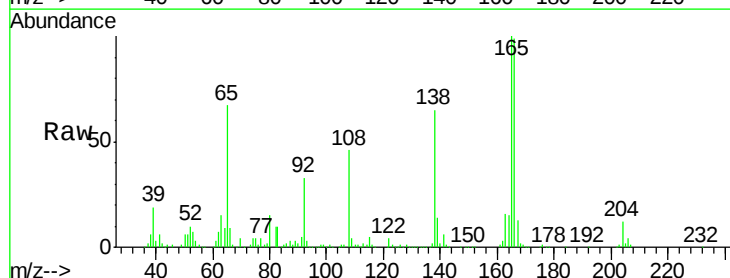
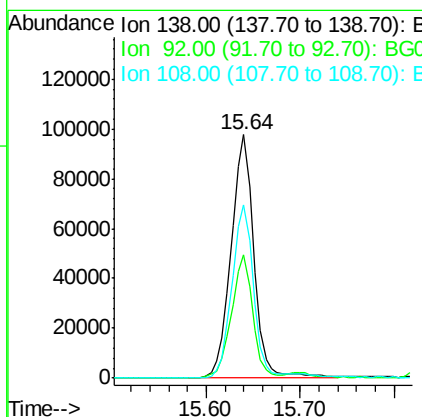
Manual Integrations
APPROVED

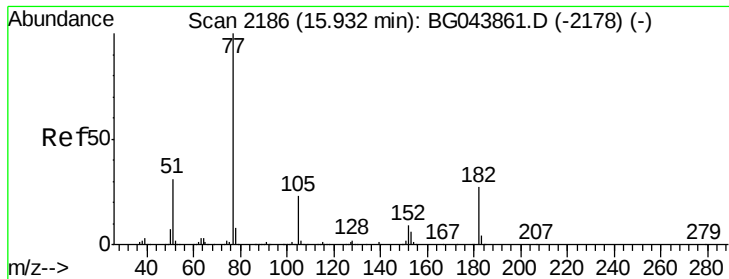
mohammad
1/17/2020 2:08:10 PM



#62
4-Nitroaniline
Concen: 32.980 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	165239		
92	50.6	34.3	74.3	
108	71.1	55.0	95.0	





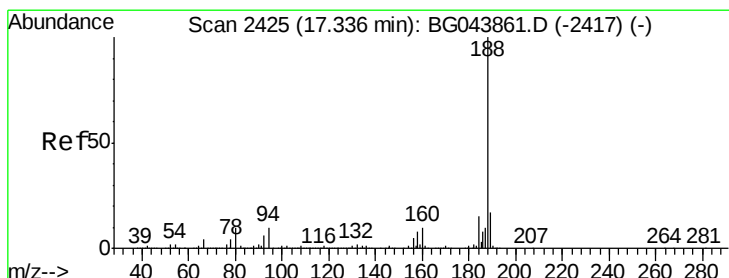
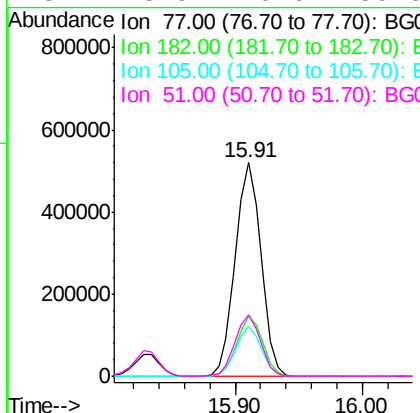
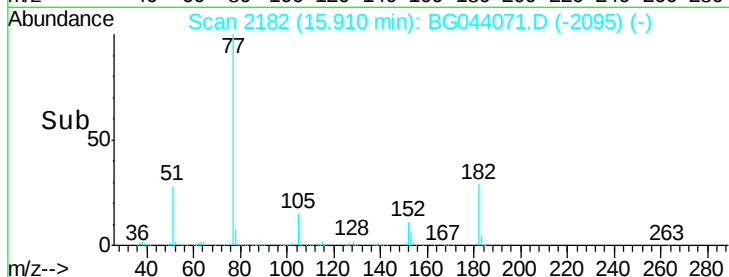
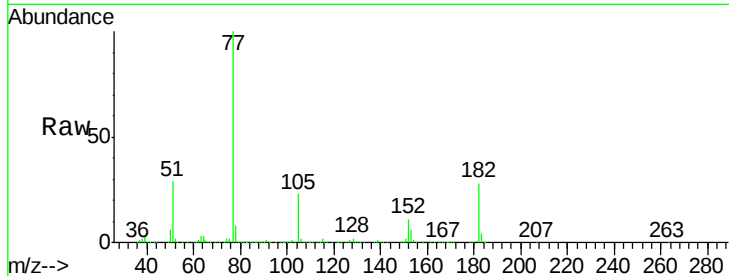
#63
Azobenzene
Concen: 39.752 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.1	7.3	47.3
105	23.5	3.2	43.2
51	28.9	10.6	50.6

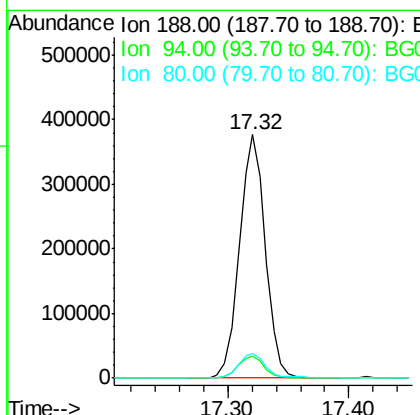
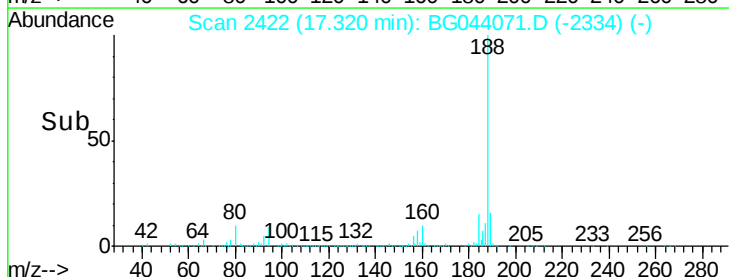
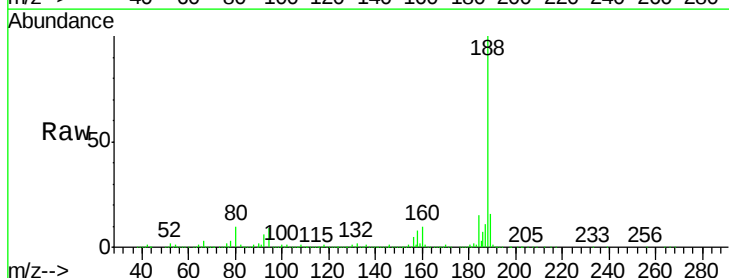
Manual Integrations
APPROVED

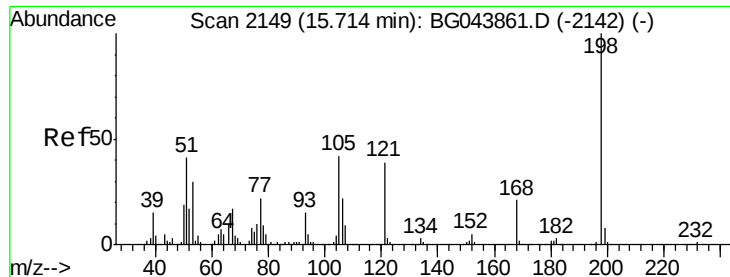
mohammad
1/17/2020 2:08:10 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	10.2	8.2	12.4





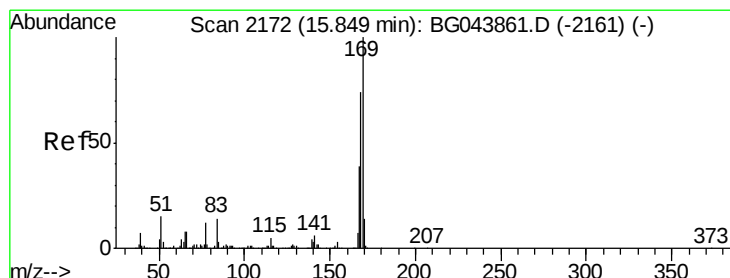
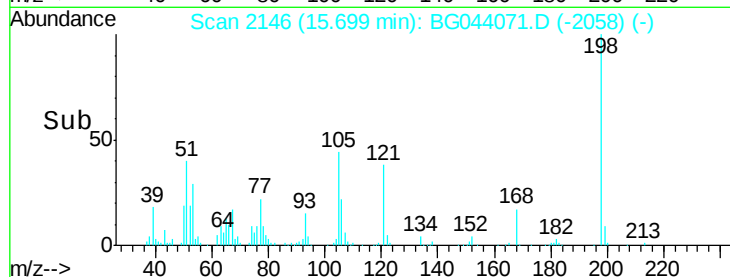
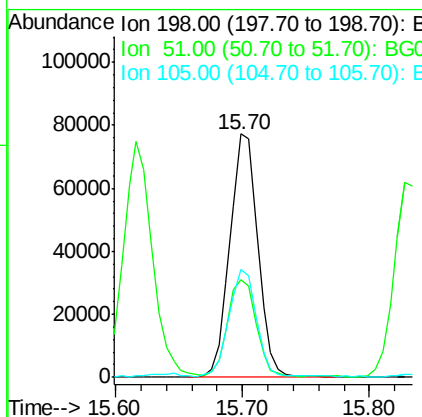
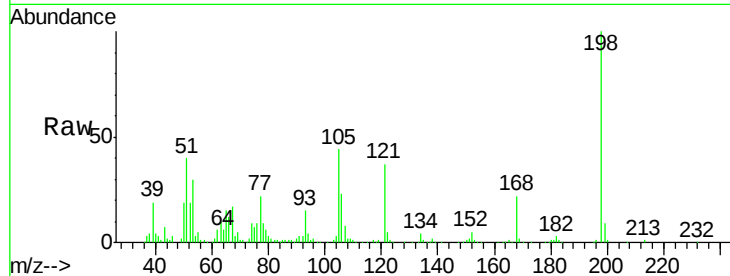
#65
4,6-Dinitro-2-methylphenol
Concen: 41.581 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampled :
BW-1-3.0MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	117802		
51	40.2		22.5	62.5
105	44.1		22.3	62.3

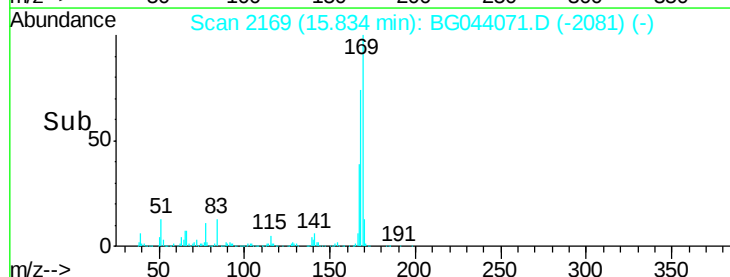
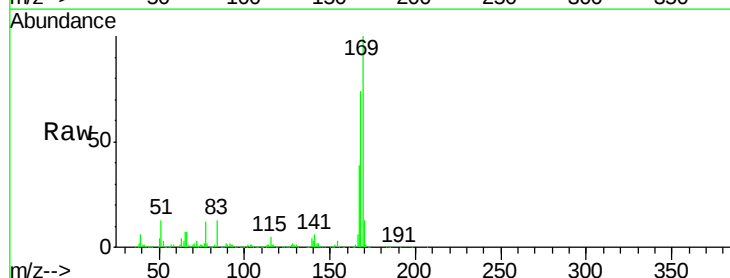
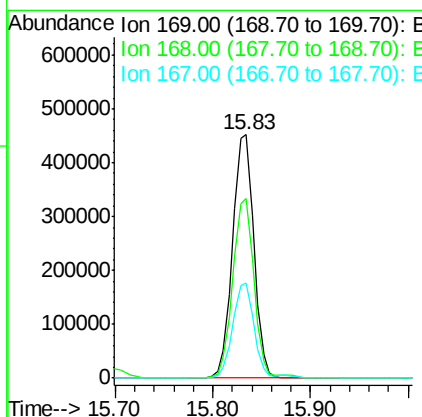
Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#66
n-Nitrosodiphenylamine
Concen: 41.598 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	684211		
168	73.8		59.0	88.6
167	39.1		31.4	47.0





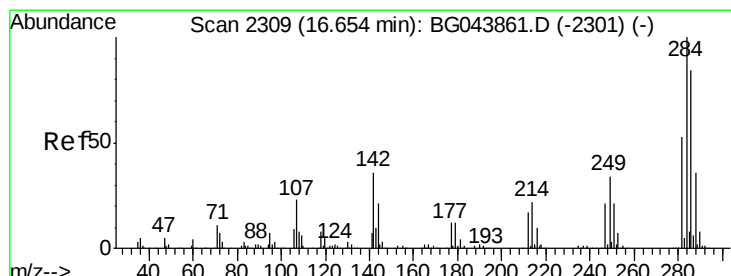
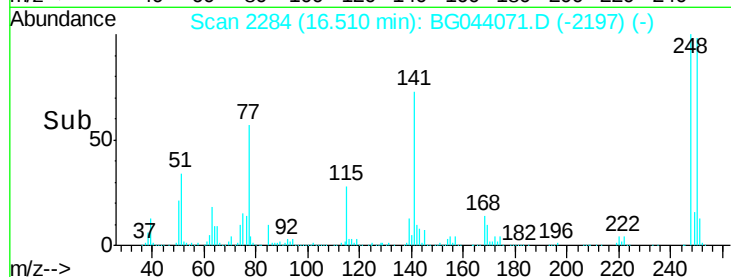
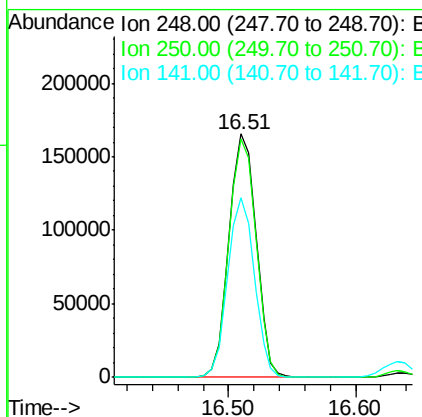
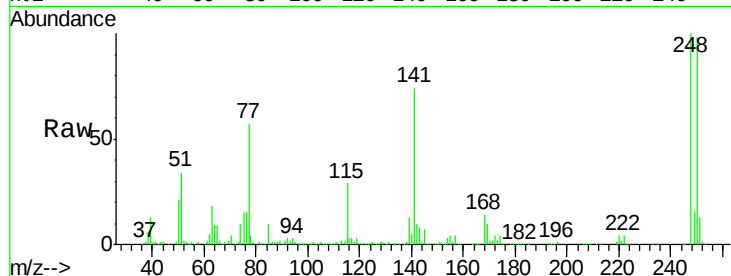
#67
4-Bromophenyl-phenylether
Concen: 39.119 ng
RT: 16.51 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.2	117.2
141	73.6	59.3	88.9

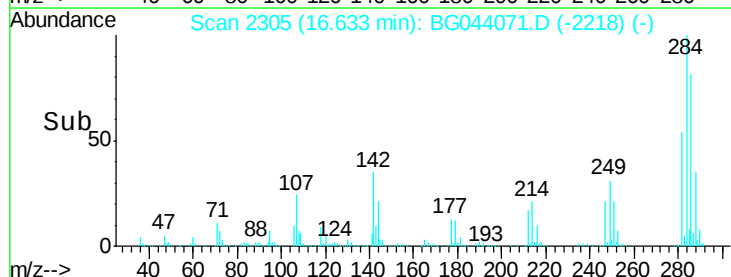
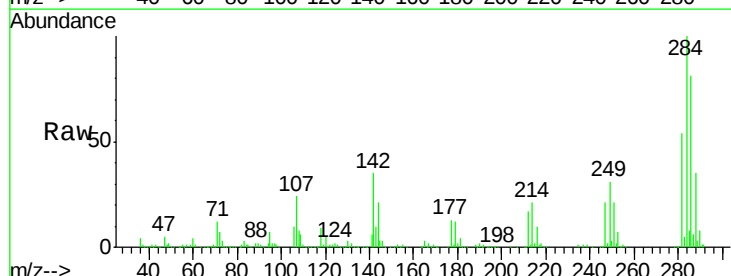
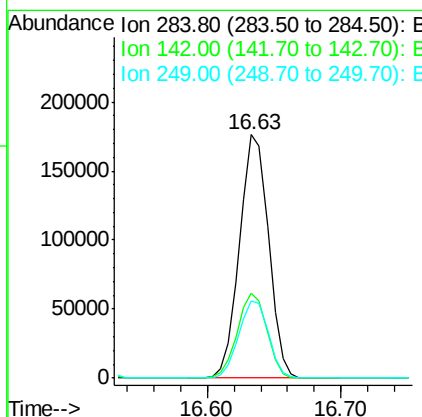
Manual Integrations
APPROVED

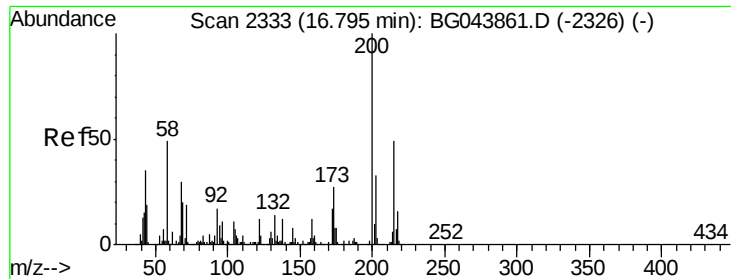
mohammad
1/17/2020 2:08:10 PM



#68
Hexachlorobenzene
Concen: 39.162 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	28.6	43.0
249	31.5	27.0	40.6





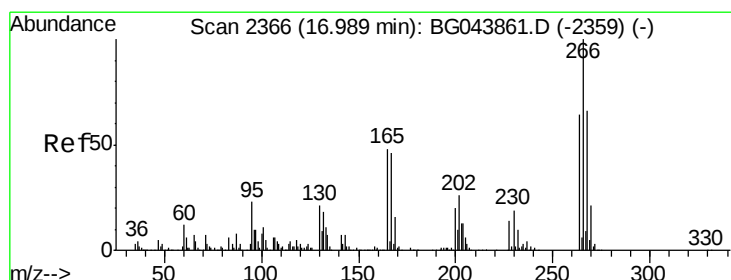
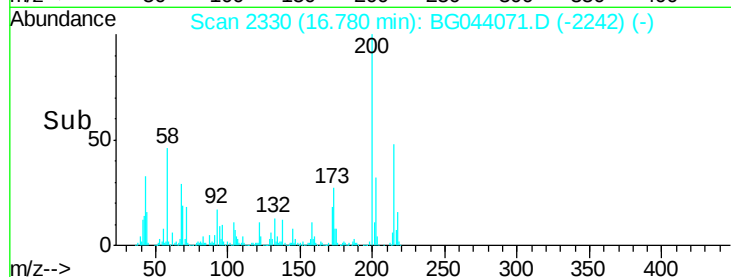
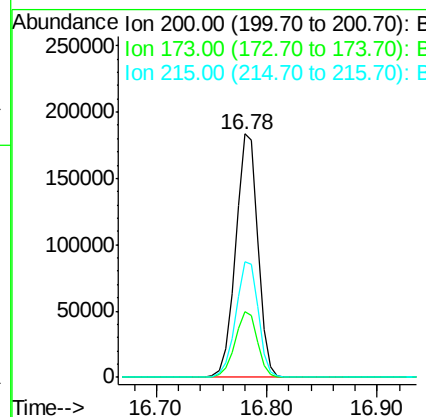
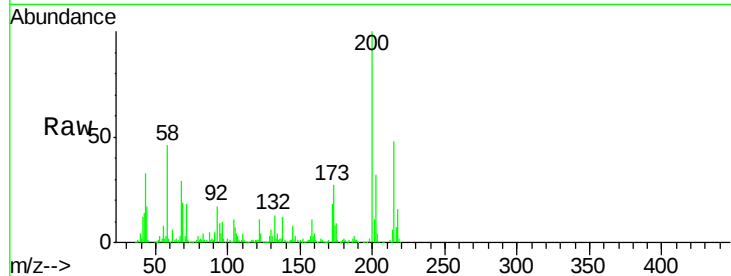
#69
Atrazine
Concen: 48.545 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.0	6.6	46.6
215	47.7	28.6	68.6

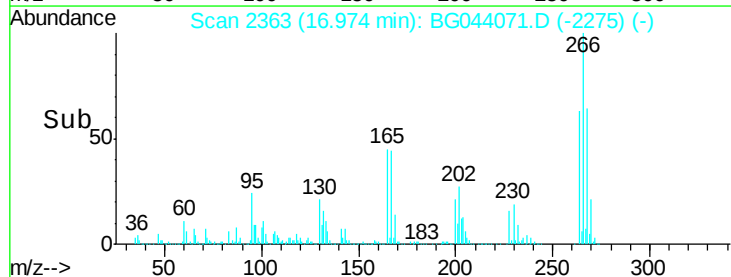
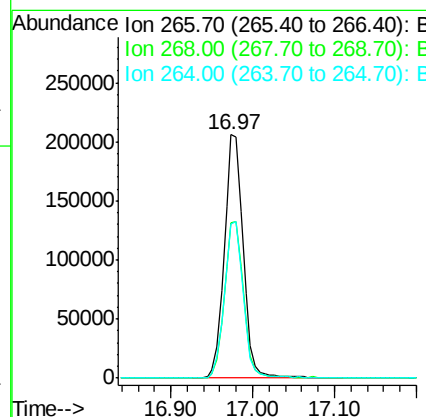
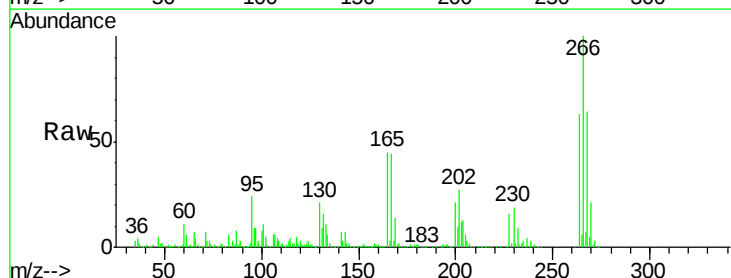
Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#70
Pentachlorophenol
Concen: 88.943 ng
RT: 16.97 min Scan# 2363
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	52.6	79.0
264	63.3	50.8	76.2





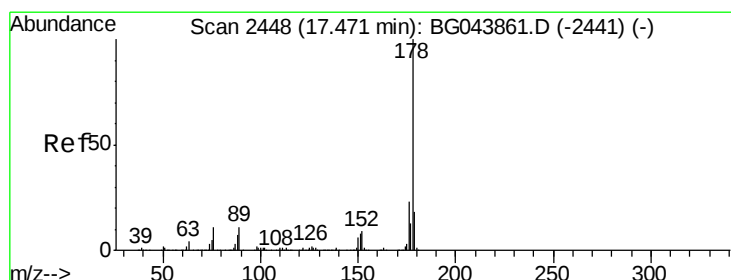
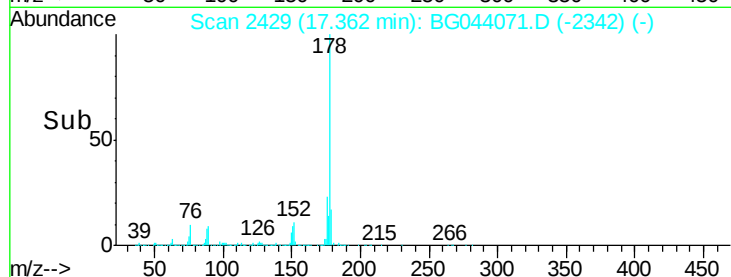
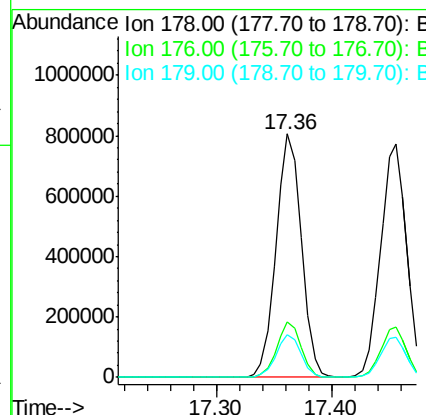
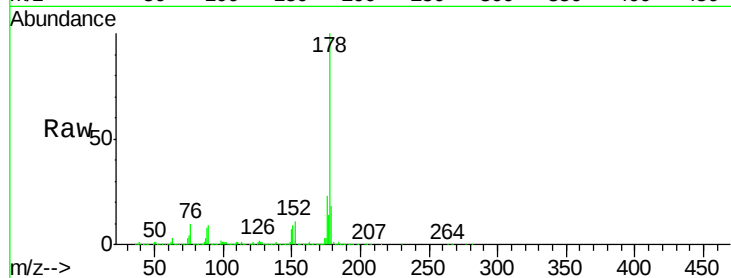
#71
Phenanthrene
Concen: 45.888 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.7	18.6	28.0
179	17.7	14.4	21.6

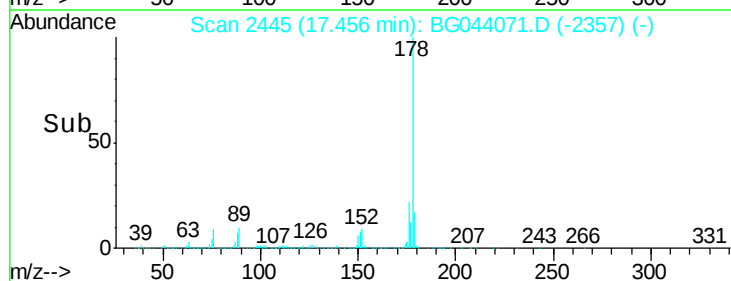
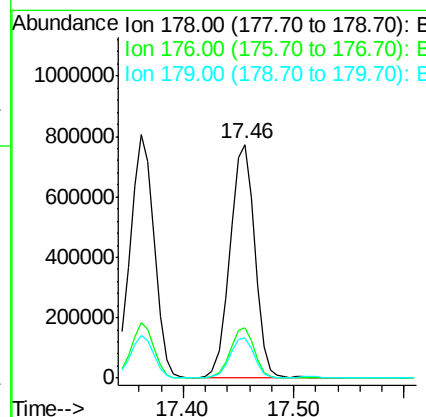
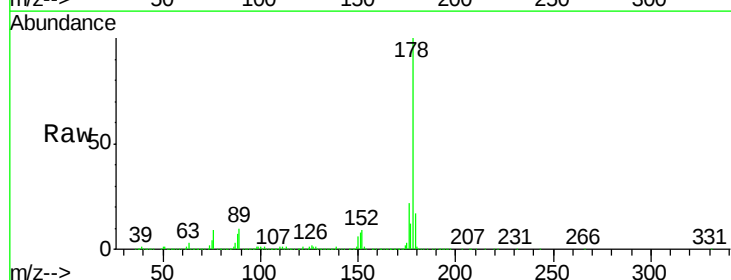
Manual Integrations
APPROVED

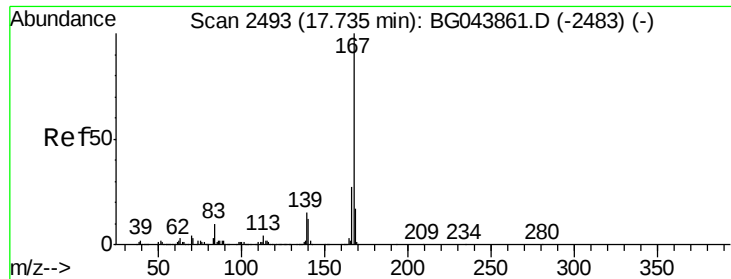
mohammad
1/17/2020 2:08:10 PM



#72
Anthracene
Concen: 45.943 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	18.3	27.5
179	17.2	14.6	22.0





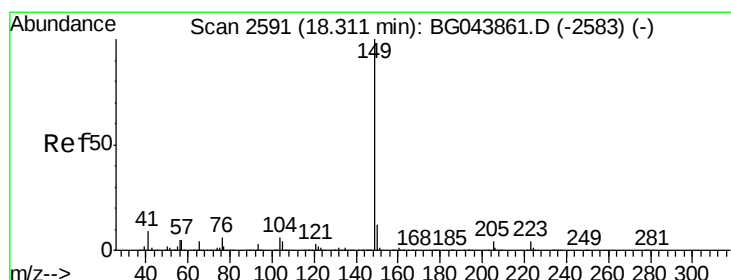
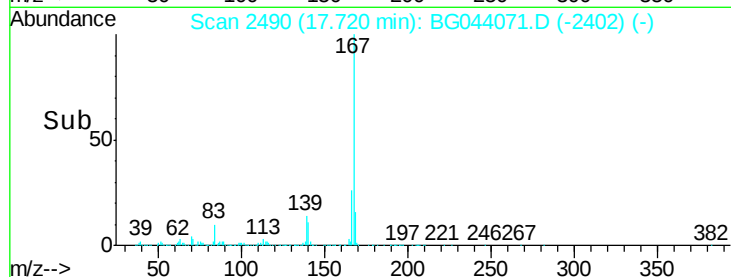
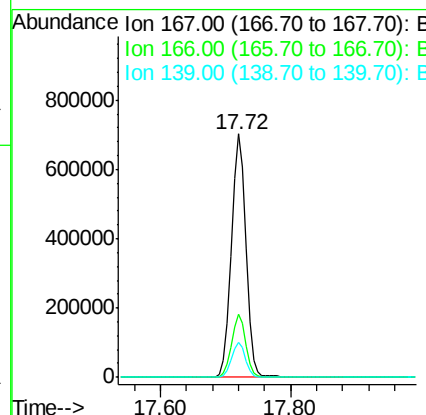
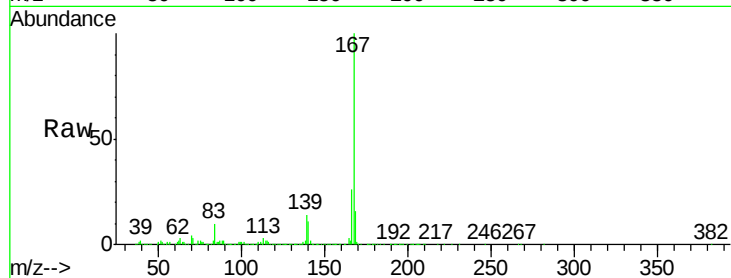
#73
 Carbazole
 Concen: 44.588 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.02 min
 Lab File: BG044071.D
 Acq: 16 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 BW-1-3.0MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.8	21.6	32.4
139	14.5	12.1	18.1

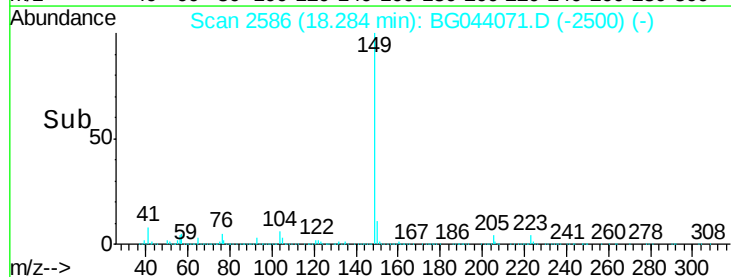
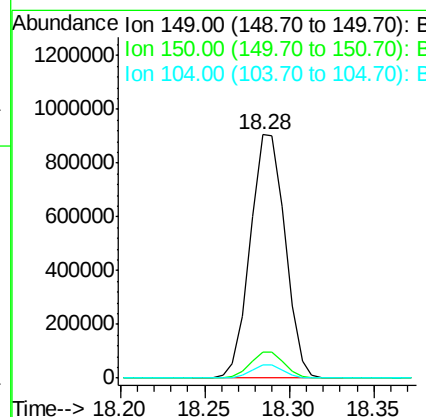
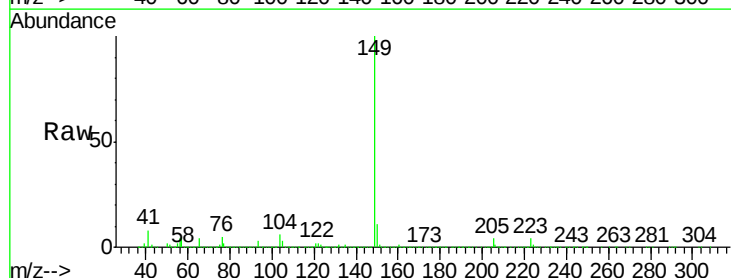
Manual Integrations
 APPROVED

mohammad
 1/17/2020 2:08:10 PM



#74
 Di-n-butylphthalate
 Concen: 41.666 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.03 min
 Lab File: BG044071.D
 Acq: 16 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	9.7	14.5
104	5.6	5.0	7.4





#75

Fluoranthene

Concen: 56.191 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

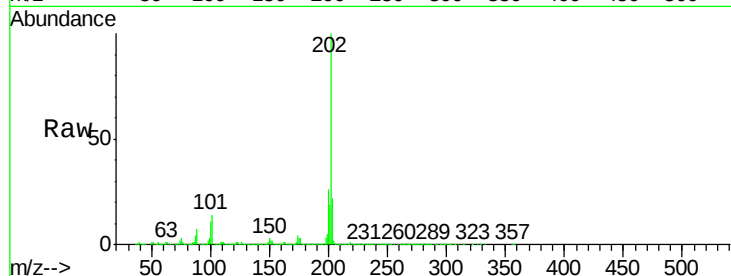
ClientSampleId :

BW-1-3.0MS

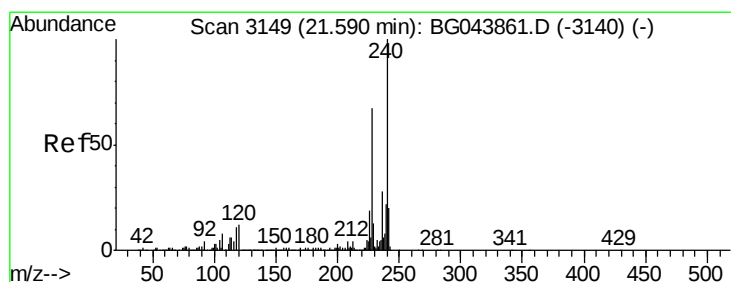
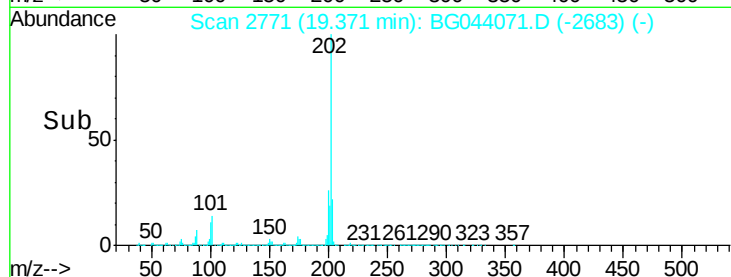
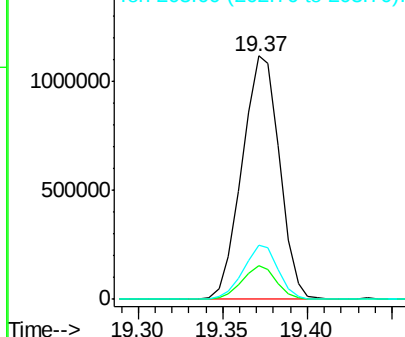
Tot Ion:	202	Resp:	1721623
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.3
203	22.2	1.6	41.6

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

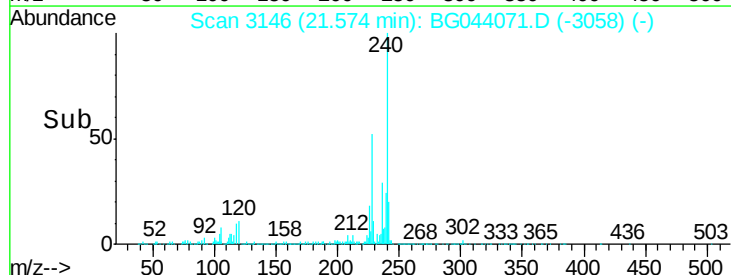
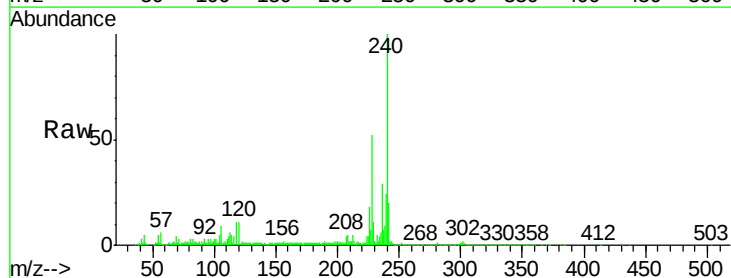
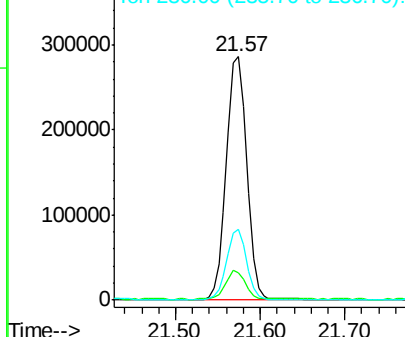
Delta R.T. -0.02 min

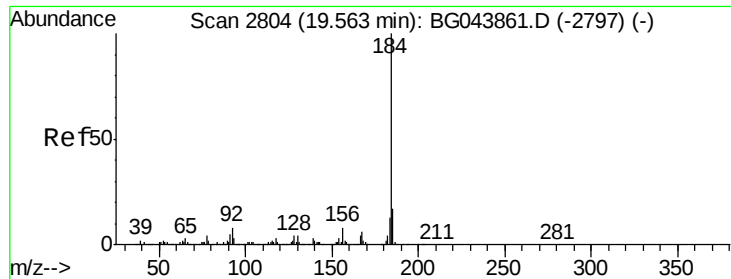
Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Tgt Ion:	240	Resp:	474435
Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	29.2	22.2	33.2

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





#77

Benzidine

Concen: 25.691 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

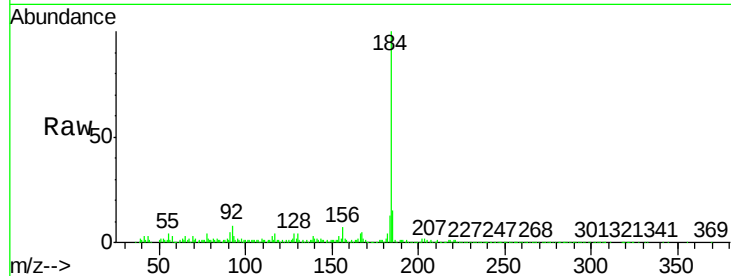
ClientSampleId :

BW-1-3.0MS

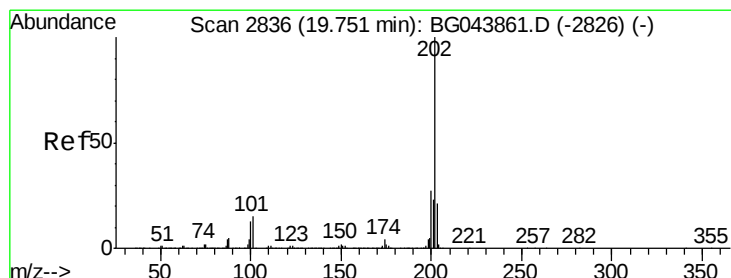
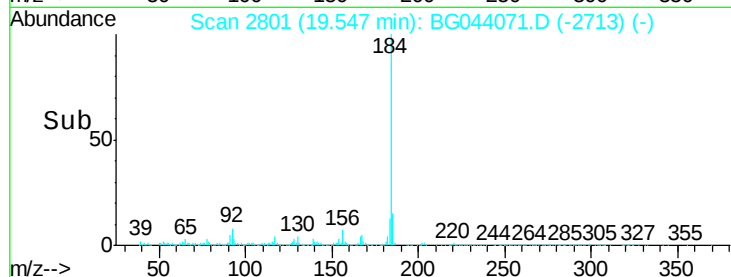
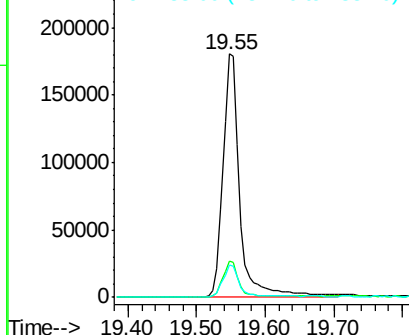
Tot Ion:	184	Resp:	306368
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.4	20.0
183	13.2	10.6	15.8

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



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



#78

Pyrene

Concen: 57.066 ng

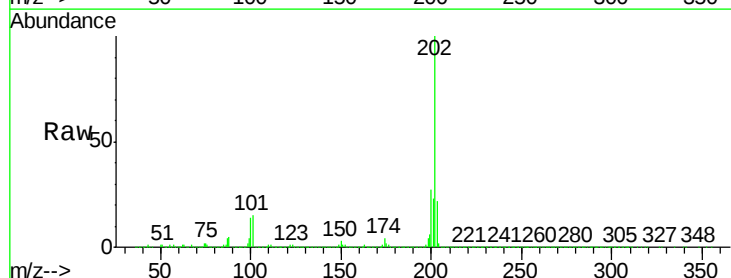
RT: 19.74 min Scan# 2833

Delta R.T. -0.02 min

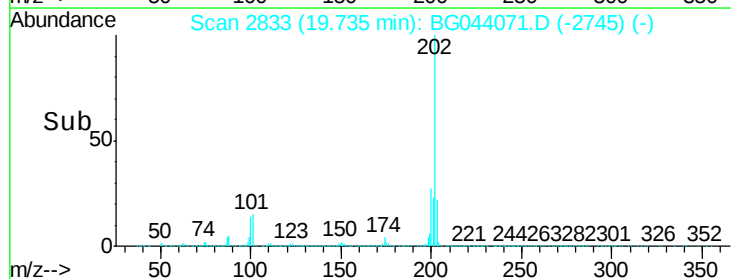
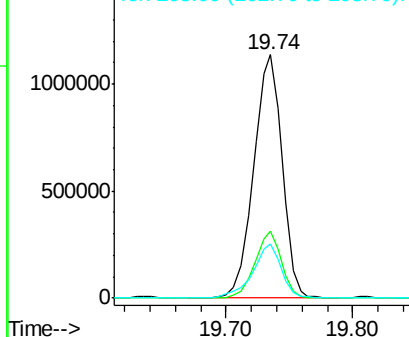
Lab File: BG044071.D

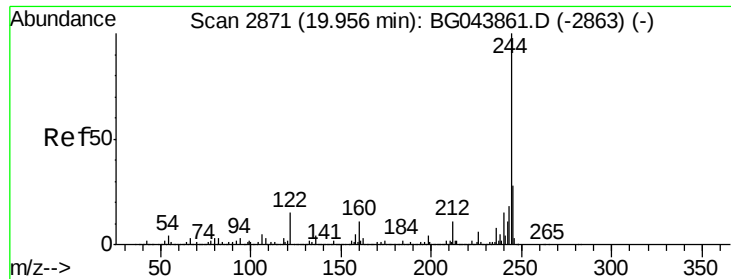
Acq: 16 Jan 2020 16:41

Tgt Ion:	202	Resp:	1767241
Ion Ratio	Lower	Upper	
202	100		
200	27.4	21.7	32.5
203	22.4	17.0	25.6



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





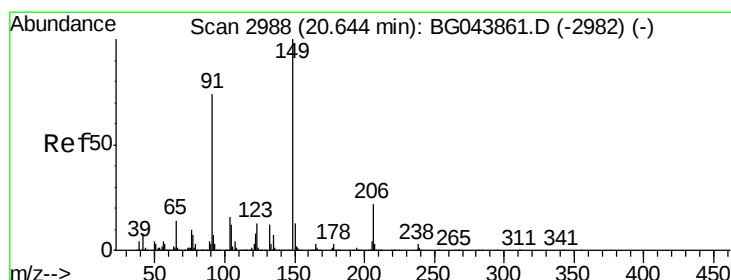
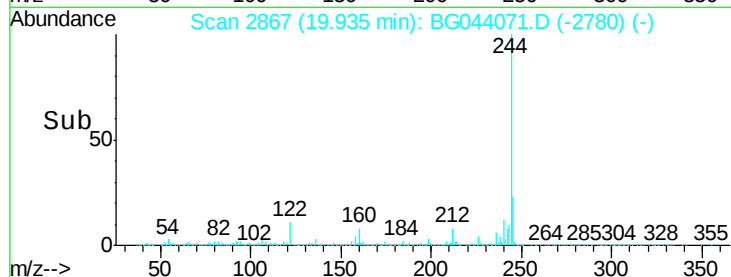
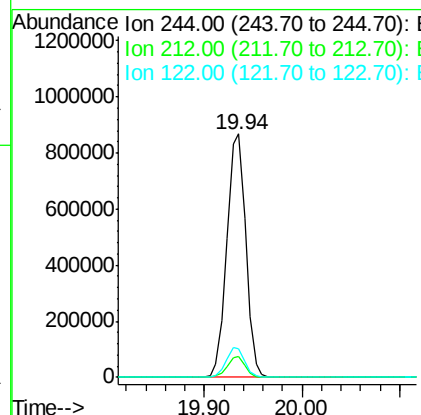
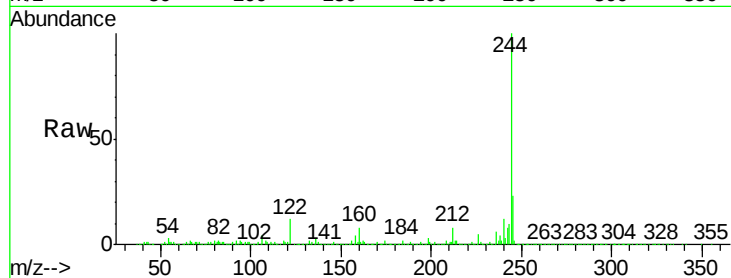
#79
 Terphenyl-d14
 Concen: 52.655 ng
 RT: 19.94 min Scan# 2867
 Delta R.T. -0.02 min
 Lab File: BG044071.D
 Acq: 16 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampled :
 BW-1-3.0MS

Tot Ion:244 Resp: 1164523
 Ion Ratio Lower Upper
 244 100
 212 8.4 8.6 13.0#
 122 11.5 11.9 17.9#

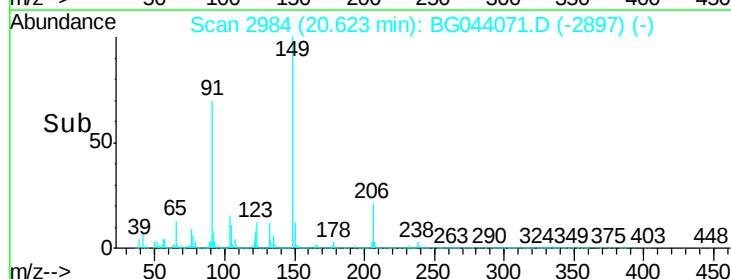
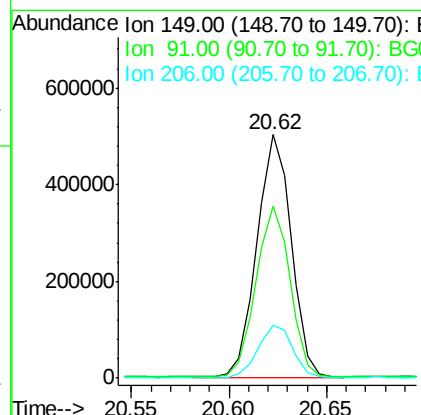
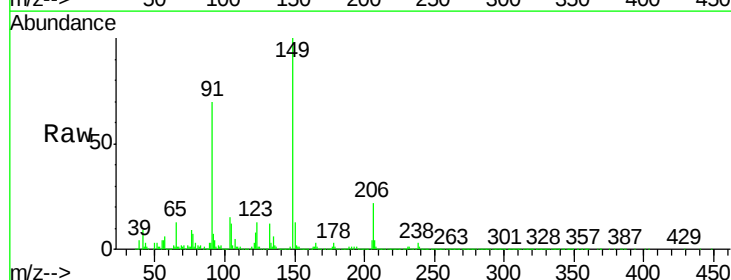
Manual Integrations
 APPROVED

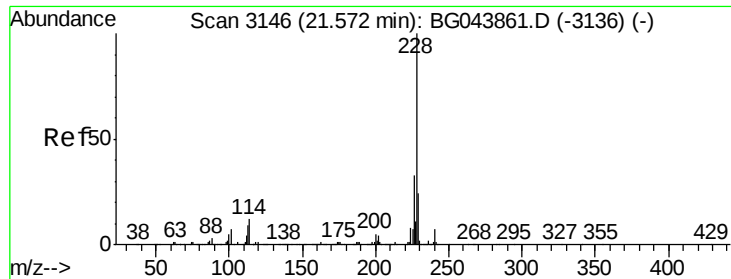
mohammad
 1/17/2020 2:08:10 PM



#80
 Butylbenzylphthalate
 Concen: 41.301 ng
 RT: 20.62 min Scan# 2984
 Delta R.T. -0.02 min
 Lab File: BG044071.D
 Acq: 16 Jan 2020 16:41

Tgt Ion:149 Resp: 608931
 Ion Ratio Lower Upper
 149 100
 91 70.5 59.5 89.3
 206 21.5 17.8 26.6





#81

Benzo(a)anthracene

Concen: 55.957 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

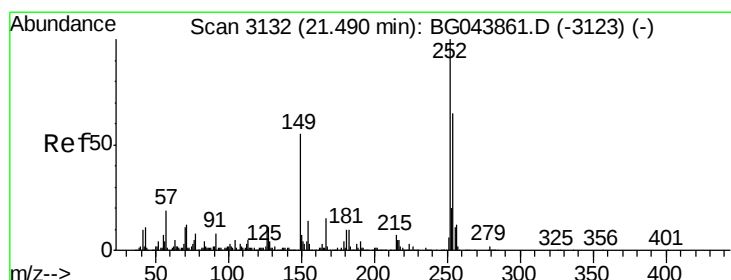
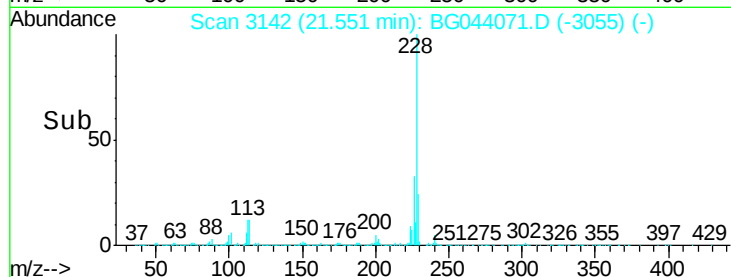
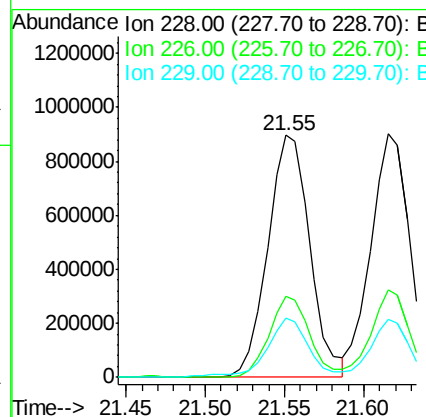
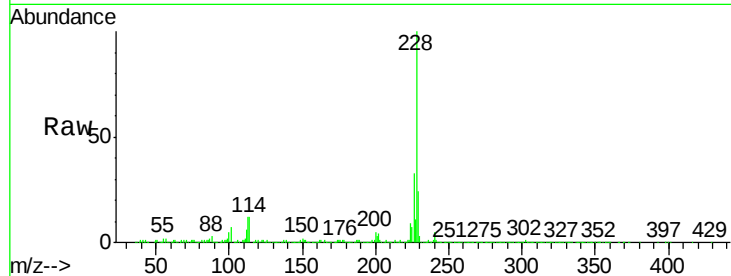
ClientSampleId :

BW-1-3.0MS

Tot Ion:	228	Resp:	1646151
Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.2	39.4
229	24.3	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



#82

3,3'-Dichlorobenzidine

Concen: 20.322 ng

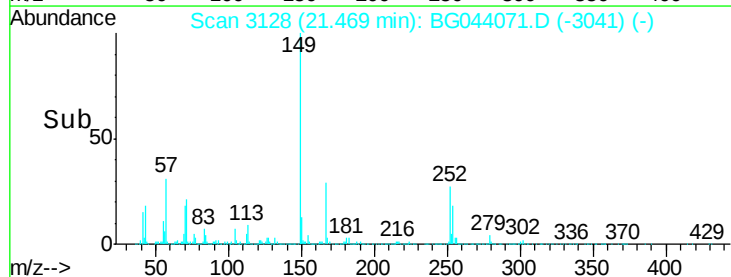
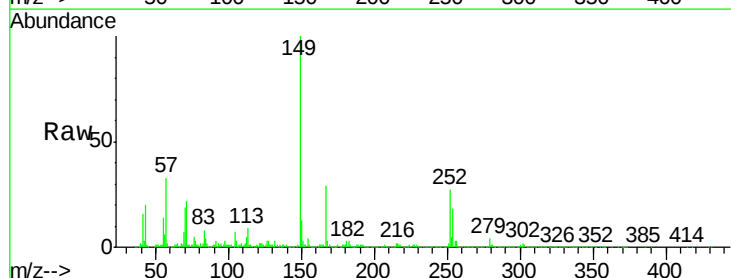
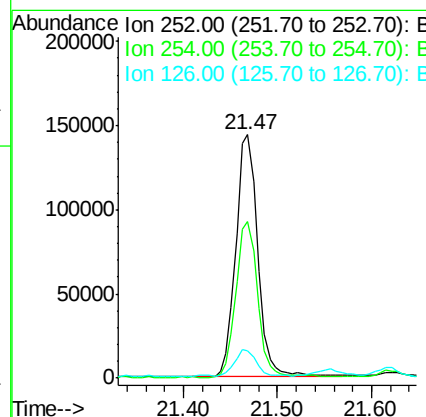
RT: 21.47 min Scan# 3128

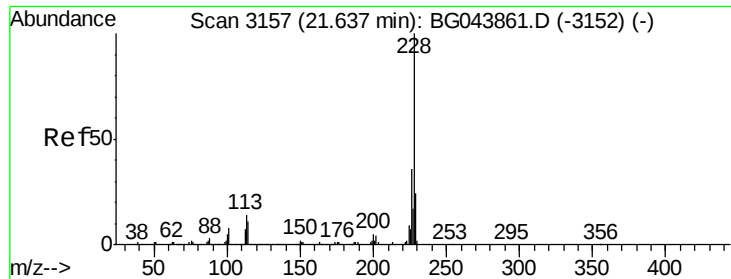
Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Tgt Ion:	252	Resp:	236187
Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	11.4	9.1	13.7





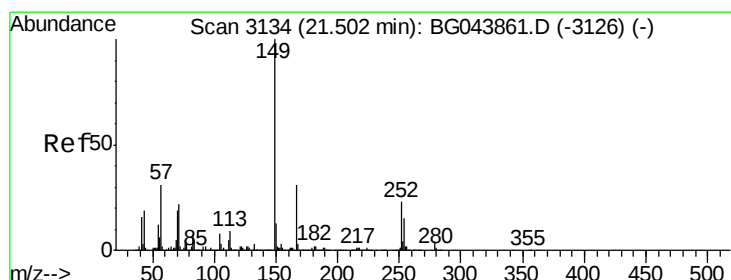
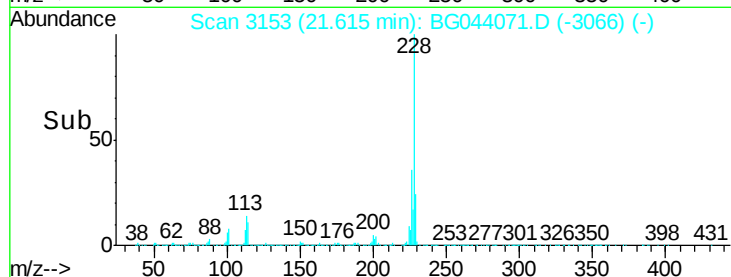
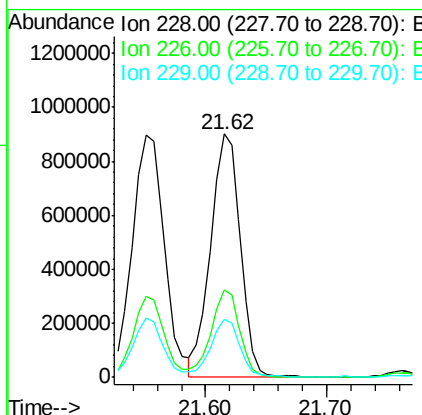
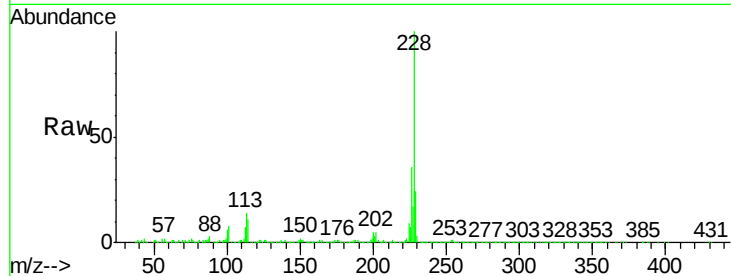
#83
Chrysene
Concen: 54.346 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
BW-1-3.0MS

Tot Ion:228 Resp: 1519138
Ion Ratio Lower Upper
228 100
226 36.1 28.8 43.2
229 23.9 19.0 28.6

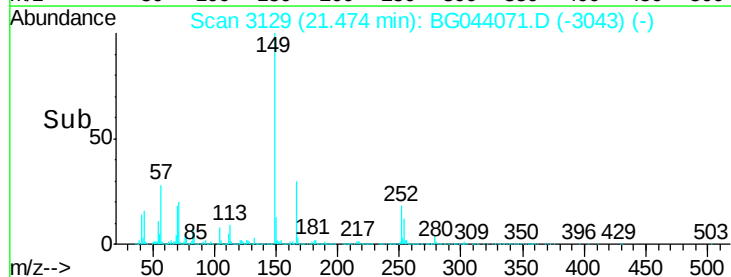
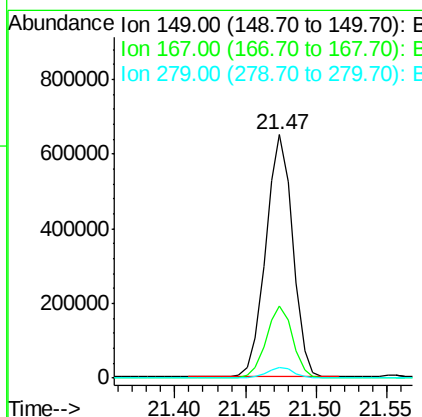
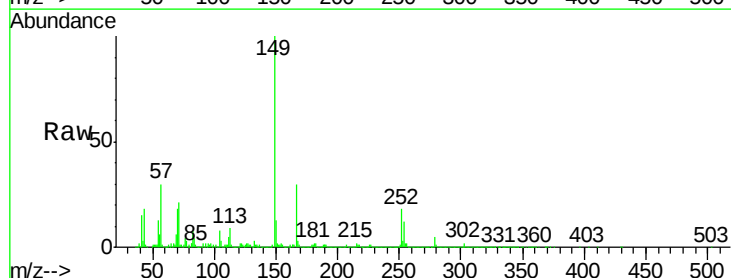
Manual Integrations
APPROVED

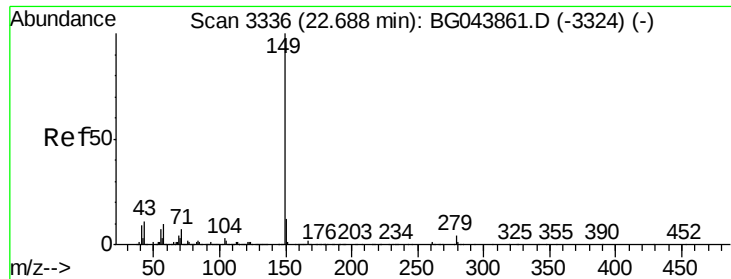
mohammad
1/17/2020 2:08:10 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.709 ng
RT: 21.47 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BG044071.D
Acq: 16 Jan 2020 16:41

Tgt Ion:149 Resp: 868844
Ion Ratio Lower Upper
149 100
167 29.8 24.7 37.1
279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.678 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.04 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

BW-1-3.0MS

Tot Ion:149 Resp: 1493813

Ion Ratio Lower Upper

149 100

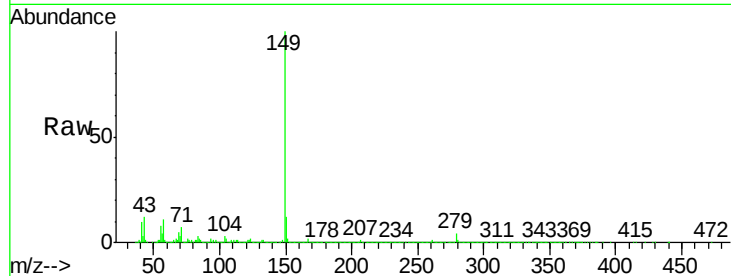
167 1.8 1.4 2.0

43 10.0 8.8 13.2

Manual Integrations
APPROVED

mohammad

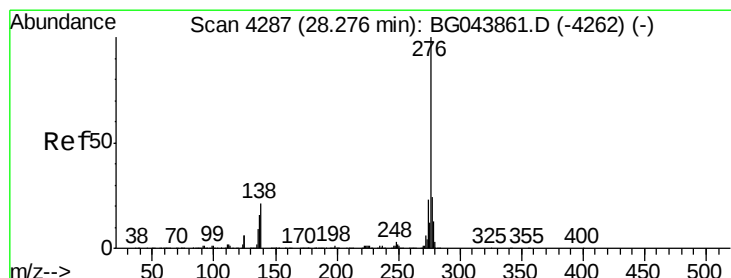
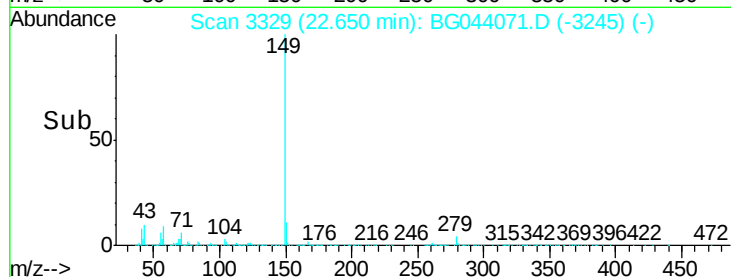
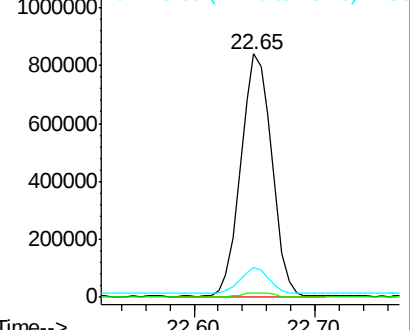
1/17/2020 2:08:10 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.325 ng

RT: 28.24 min Scan# 4280

Delta R.T. -0.04 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

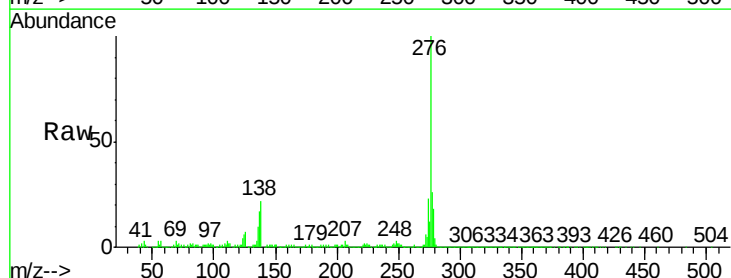
Tgt Ion:276 Resp: 1835786

Ion Ratio Lower Upper

276 100

138 25.3 21.0 31.4

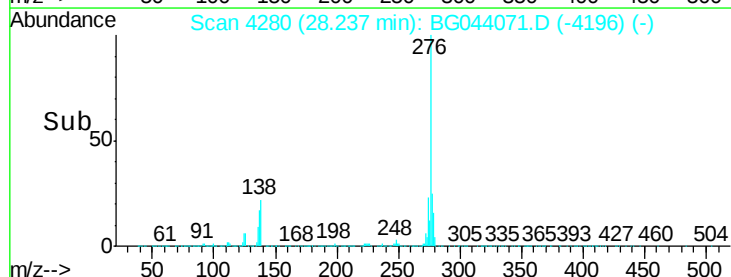
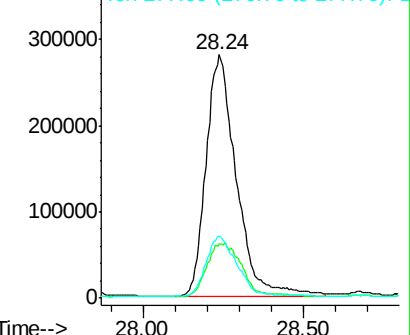
277 24.7 21.1 31.7

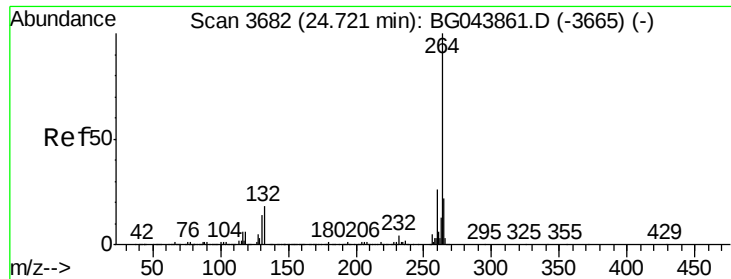


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.69 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

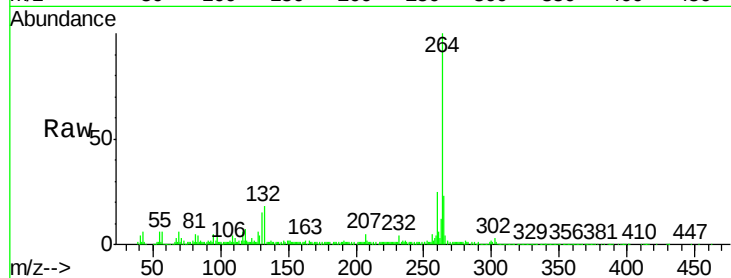
ClientSampled :

BW-1-3.0MS

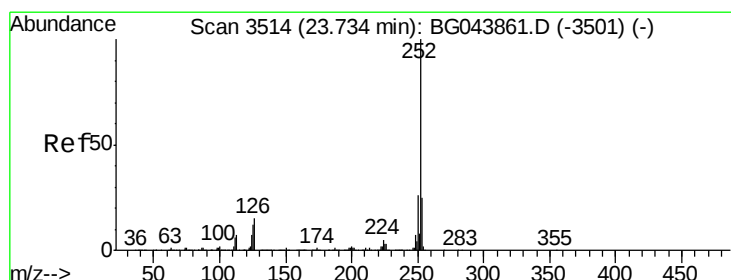
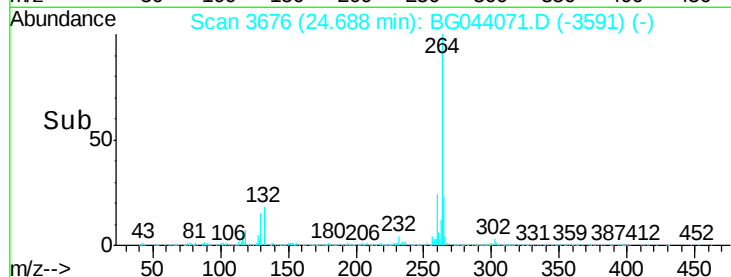
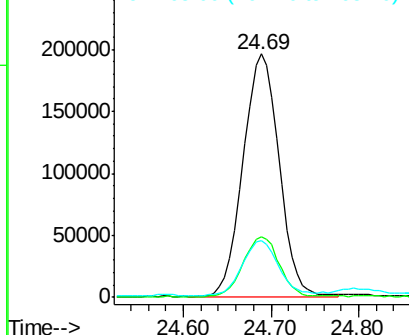
Tot Ion:	264	Resp:	548202
Ion Ratio	Lower	Upper	
264	100		
260	24.8	20.4	30.6
265	23.1	17.4	26.2

Manual Integrations
APPROVED

mohammad
1/17/2020 2:08:10 PM



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: 56.081 ng

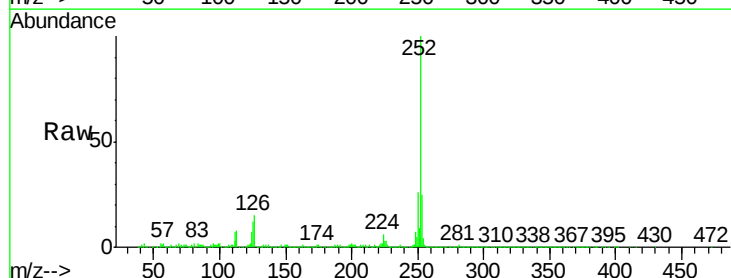
RT: 23.71 min Scan# 3510

Delta R.T. -0.02 min

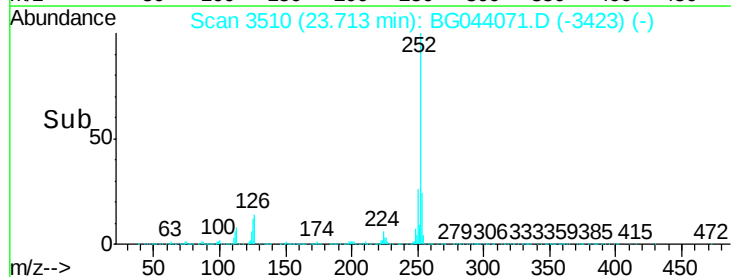
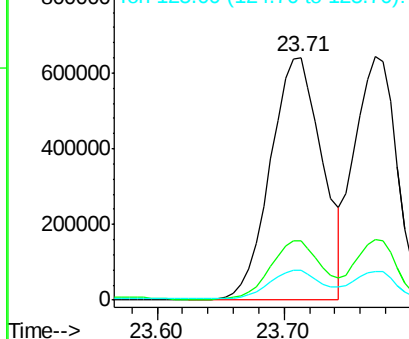
Lab File: BG044071.D

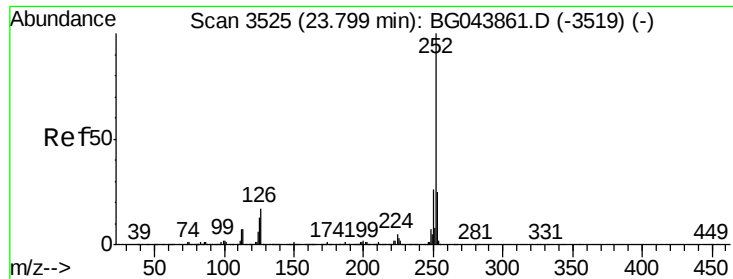
Acq: 16 Jan 2020 16:41

Tgt Ion:	252	Resp:	1817499
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.7	29.5
125	12.3	9.4	14.2



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: 48.023 ng

RT: 23.77 min Scan# 3520

Delta R.T. -0.03 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

BW-1-3.0MS

Tot Ion:252 Resp: 1479970

Ion Ratio Lower Upper

252 100

253 25.0 19.4 29.2

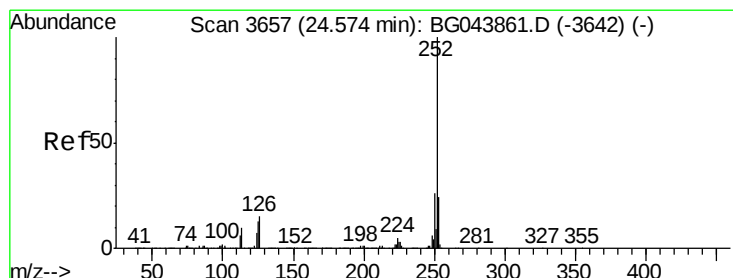
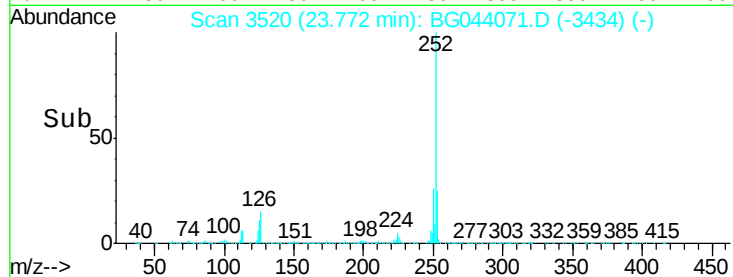
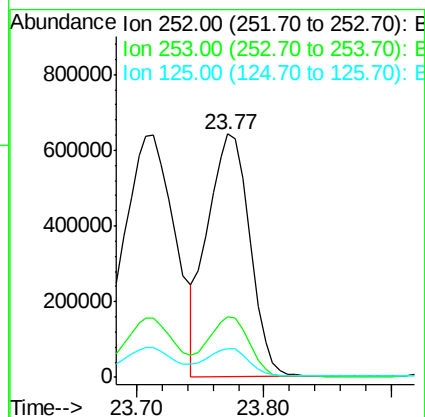
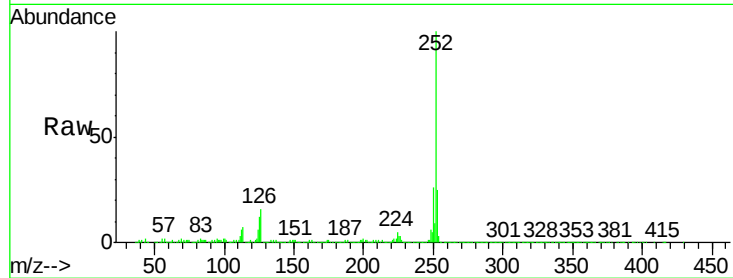
125 11.9 9.9 14.9

Manual Integrations

APPROVED

mohammad

1/17/2020 2:08:10 PM



#90

Benzo(a)pyrene

Concen: 53.135 ng

RT: 24.55 min Scan# 3653

Delta R.T. -0.02 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

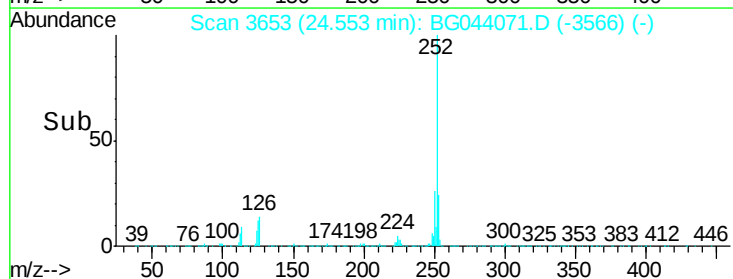
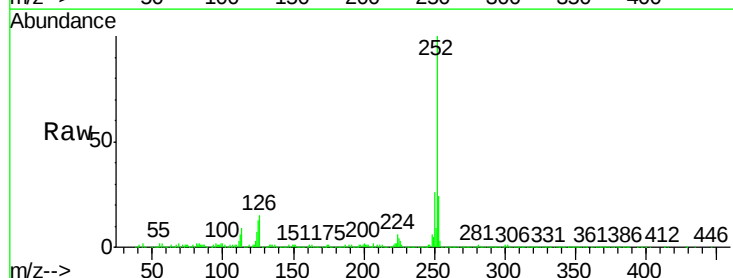
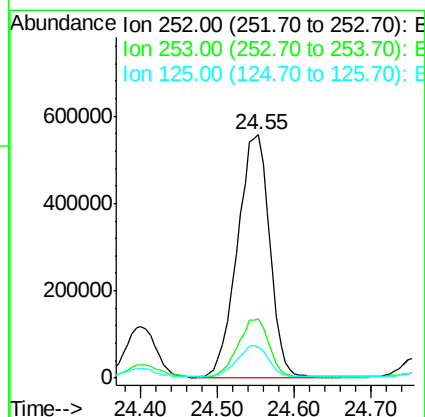
Tgt Ion:252 Resp: 1625281

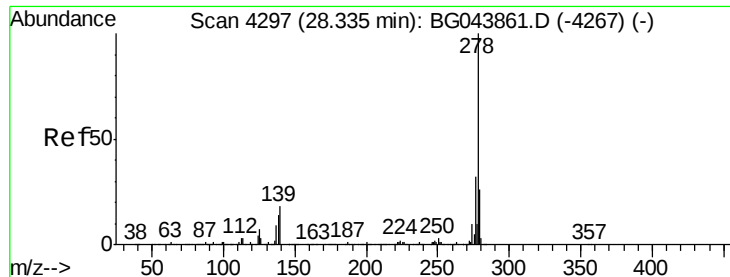
Ion Ratio Lower Upper

252 100

253 24.2 19.3 28.9

125 13.0 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 41.564 ng

RT: 28.29 min Scan# 4289

Delta R.T. -0.04 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

BW-1-3.0MS

Tot Ion:278 Resp: 1276822

Ion Ratio Lower Upper

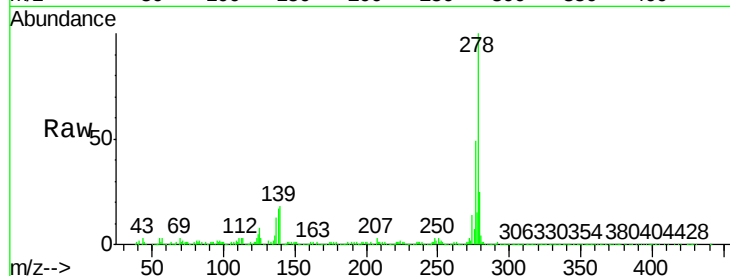
278 100

139 17.8 14.2 21.4

279 24.9 20.6 30.8

Manual Integrations
APPROVED

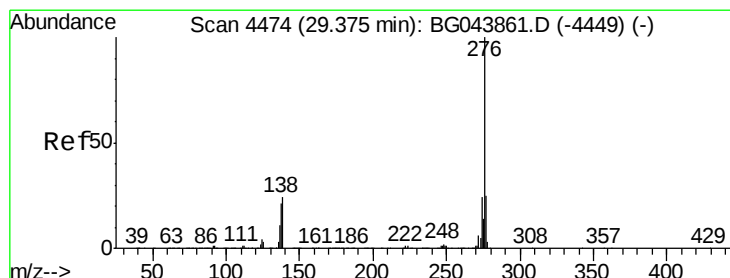
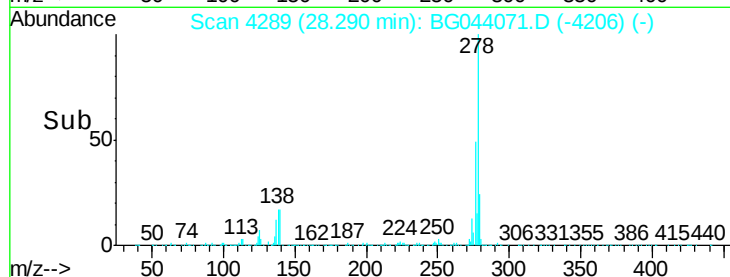
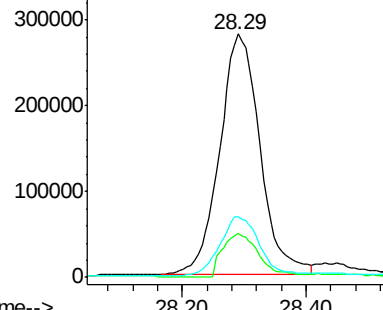
mohammad
1/17/2020 2:08:10 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.210 ng

RT: 29.34 min Scan# 4468

Delta R.T. -0.03 min

Lab File: BG044071.D

Acq: 16 Jan 2020 16:41

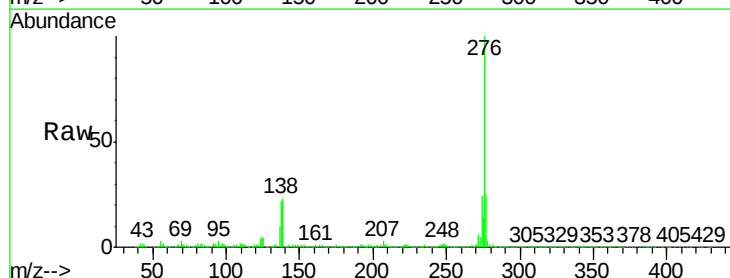
Tgt Ion:276 Resp: 1532102

Ion Ratio Lower Upper

276 100

277 24.5 20.2 30.4

138 22.9 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

