

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044383.D
 Acq On : 11 Feb 2020 10:25
 Operator : CG/JU
 Sample : PB126703BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Manual Integrations
 APPROVED

mohammad
 2/13/2020 10:29:34 AM

Quant Time: Feb 11 14:02:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	68751	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	274149	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	174340	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	413010	20.00	ng	0.00
76) Chrysene-d12	21.53	240	379532	20.00	ng	0.00
87) Perylene-d12	24.62	264	428992	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	375654	96.43	ng	0.00
7) Phenol-d6	7.08	99	491036	93.87	ng	0.00
23) Nitrobenzene-d5	9.06	82	398136	81.99	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	196623	96.07	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	895541	86.02	ng	0.00
79) Terphenyl-d14	19.90	244	1515356	82.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	80699	46.107	ng	99
3) Pyridine	3.76	79	191912	41.155	ng	97
4) n-Nitrosodimethylamine	3.67	42	94686	48.592	ng	98
6) Aniline	7.22	93	236947	36.491	ng	99
8) 2-Chlorophenol	7.47	128	222667	52.008	ng	99
9) Benzaldehyde	7.04	77	110126	36.963	ng	97
10) Phenol	7.10	94	272715	52.677	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	208716	47.156	ng	99
12) 1,3-Dichlorobenzene	7.79	146	239106	46.775	ng	99
13) 1,4-Dichlorobenzene	7.94	146	240615	47.525	ng	99
14) 1,2-Dichlorobenzene	8.26	146	224623	46.939	ng	100
15) Benzyl Alcohol	8.14	79	180984	48.868	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.44	45	272888	45.552	ng	99
17) 2-Methylphenol	8.35	107	187763	50.832	ng	99
18) Hexachloroethane	8.99	117	89192	46.946	ng	100
19) n-Nitroso-di-n-propylamine	8.71	70	157988	45.316	ng	97
20) 3+4-Methylphenols	8.68	107	254897	50.072	ng	99
22) Acetophenone	8.72	105	301734	45.243	ng	99
24) Nitrobenzene	9.10	77	227812	48.055	ng	99
25) Isophorone	9.63	82	427059	47.184	ng	100
26) 2-Nitrophenol	9.82	139	124056	50.432	ng	98
27) 2,4-Dimethylphenol	9.88	122	207728	59.824	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	278702	46.160	ng	99
29) 2,4-Dichlorophenol	10.36	162	214223	51.022	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	222155	46.144	ng	98
31) Naphthalene	10.76	128	649480	48.830	ng	99
32) Benzoic acid	10.04	122	80624	39.014	ng	91
33) 4-Chloroaniline	10.86	127	150459	24.872	ng	98
34) Hexachlorobutadiene	11.05	225	132842	44.843	ng	98
35) Caprolactam	11.62	113	79434m	51.646	ng	
36) 4-Chloro-3-methylphenol	12.00	107	228191	51.837	ng	99
37) 2-Methylnaphthalene	12.37	142	478827	48.486	ng	99
38) 1-Methylnaphthalene	12.58	142	452072	48.555	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	232521	44.586	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044383.D
 Acq On : 11 Feb 2020 10:25
 Operator : CG/JU
 Sample : PB126703BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

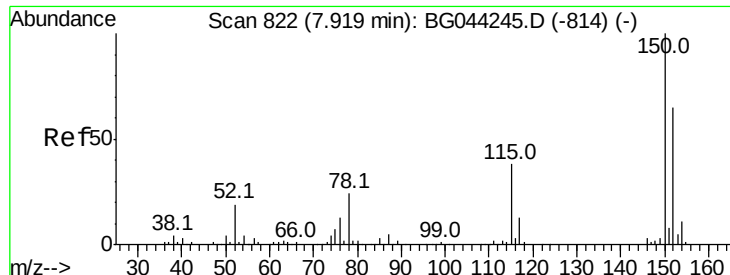
Manual Integrations
 APPROVED

mohammad
 2/13/2020 10:29:34 AM

Quant Time: Feb 11 14:02:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	281816	112.620	nq	99
43) 2,4,6-Trichlorophenol	12.98	196	167846	49.793	nq	98
44) 2,4,5-Trichlorophenol	13.05	196	187114	54.346	nq	97
46) 1,1'-Biphenyl	13.38	154	600994	47.792	nq	99
47) 2-Chloronaphthalene	13.42	162	468596	46.828	nq	99
48) 2-Nitroaniline	13.62	65	141056	47.764	nq	100
49) Acenaphthylene	14.26	152	749255	51.049	nq	100
50) Dimethylphthalate	14.00	163	616181	49.168	nq	99
51) 2,6-Dinitrotoluene	14.11	165	140354	50.230	nq	98
52) Acenaphthene	14.60	154	459278	48.277	nq	98
53) 3-Nitroaniline	14.44	138	105910	34.260	nq	98
54) 2,4-Dinitrophenol	14.65	184	151372	90.336	nq	96
55) Dibenzofuran	14.95	168	721716	50.106	nq	99
56) 4-Nitrophenol	14.77	139	272072	120.149	nq	99
57) 2,4-Dinitrotoluene	14.90	165	201972	51.572	nq	98
58) Fluorene	15.59	166	575642	50.741	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	164753	52.976	nq	99
60) Diethylphthalate	15.37	149	633861	50.761	nq	99
61) 4-Chlorophenyl-phenylether	15.59	204	302472	49.172	nq	98
62) 4-Nitroaniline	15.61	138	152805	49.467	nq	98
63) Azobenzene	15.88	77	565766	51.695	nq	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	120642	52.918	nq	96
66) n-Nitrosodiphenylamine	15.80	169	552996	47.778	nq	99
67) 4-Bromophenyl-phenylether	16.48	248	202488	45.000	nq	99
68) Hexachlorobenzene	16.60	284	219721	43.585	nq	98
69) Atrazine	16.75	200	220073	55.474	nq	98
70) Pentachlorophenol	16.95	266	246571	96.066	nq	98
71) Phenanthrene	17.33	178	971413	48.572	nq	99
72) Anthracene	17.42	178	1007338	50.946	nq	99
73) Carbazole	17.69	167	937625	51.439	nq	100
74) Di-n-butylphthalate	18.25	149	1154839	51.268	nq	99
75) Fluoranthene	19.34	202	1197934	51.779	nq	100
77) Benzidine	19.52	184	609886	57.934	nq	99
78) Pyrene	19.70	202	1195321	49.041	nq	99
80) Butylbenzylphthalate	20.59	149	536590	48.310	nq	99
81) Benzo(a)anthracene	21.51	228	1144132	48.914	nq	99
82) 3,3'-Dichlorobenzidine	21.43	252	317236	34.945	nq	96
83) Chrysene	21.58	228	1102244	48.751	nq	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	750007	49.057	nq	98
85) Di-n-octyl phthalate	22.60	149	1315803	49.742	nq	100
86) Indeno(1,2,3-cd)pyrene	28.11	276	1411560	47.854	nq	100
88) Benzo(b)fluoranthene	23.65	252	1205222	48.755	nq	98
89) Benzo(k)fluoranthene	23.71	252	1188833	49.343	nq	100
90) Benzo(a)pyrene	24.48	252	1129648	48.332	nq	99
91) Dibenzo(a,h)anthracene	28.18	278	1162825	50.271	nq	98
92) Benzo(g,h,i)perylene	29.20	276	1180485	50.980	nq	98

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



#1

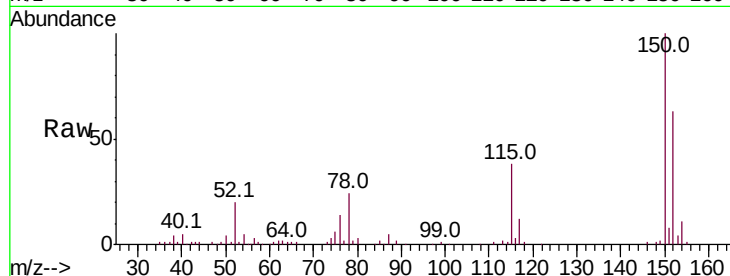
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.6	183.8
115	60.5	46.0	69.0

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM

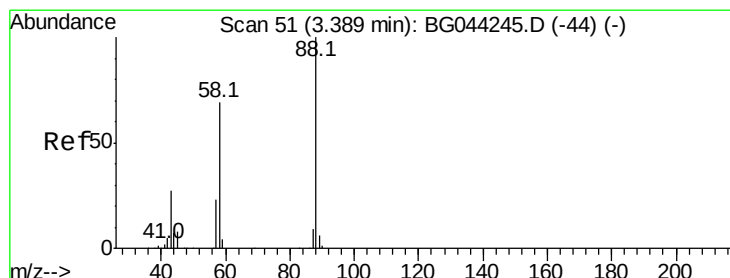
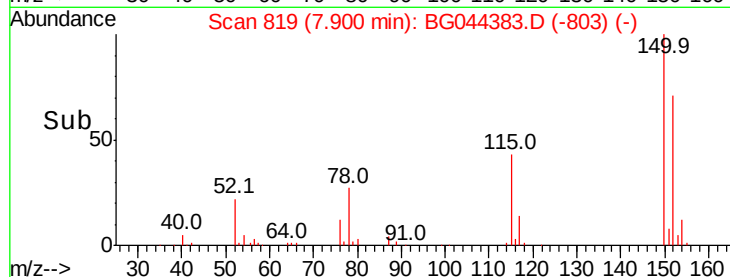
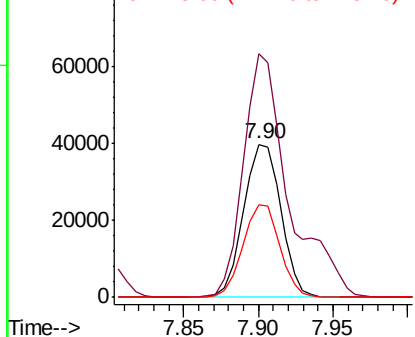


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

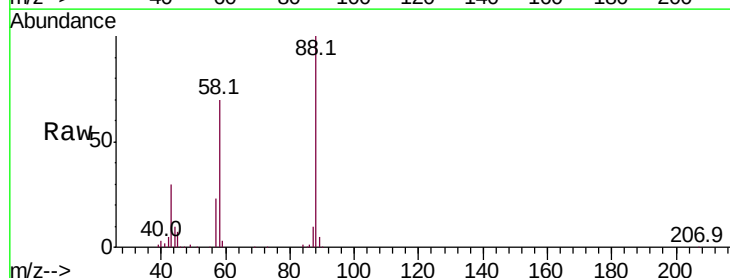
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 46.107 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	55.8	83.6
43	27.8	21.6	32.4

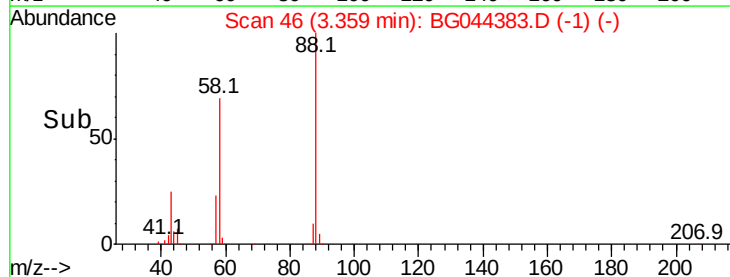
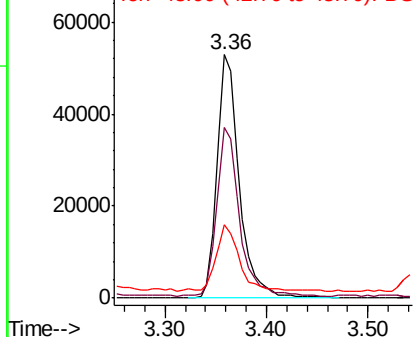


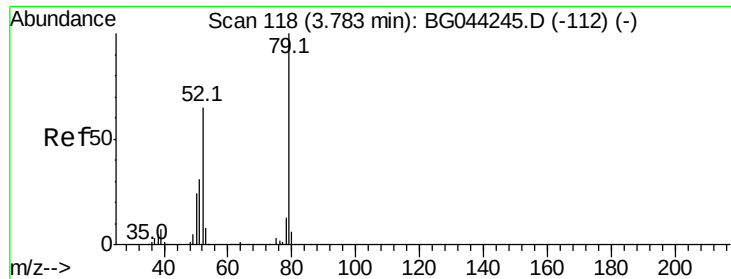
Abundance

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: 41.155 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

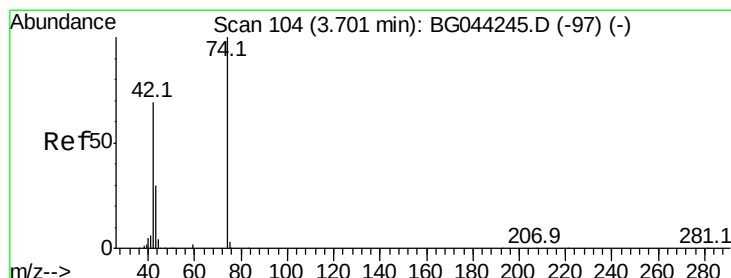
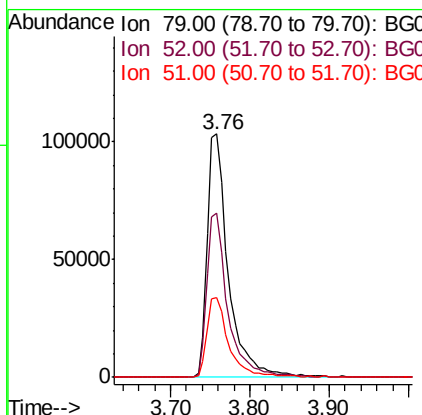
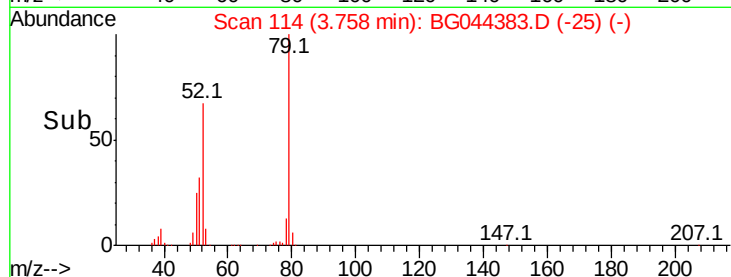
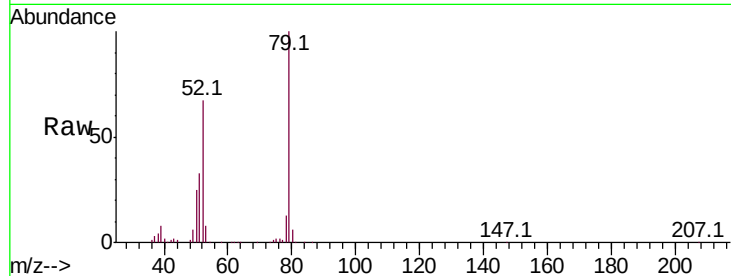
ClientSampled :

PB126703BS

Tot Ion:	79	Resp:	191912
Ion Ratio	Lower	Upper	
79	100		
52	67.4	51.9	77.9
51	32.6	25.3	37.9

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM



#4

n-Nitrosodimethylamine

Concen: 48.592 ng

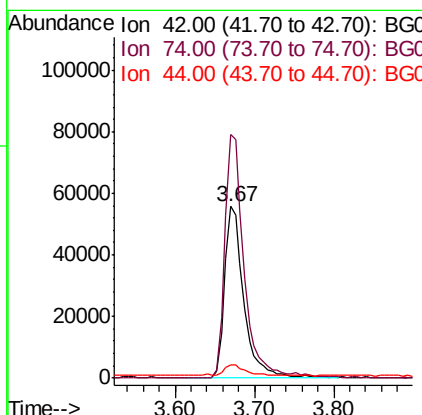
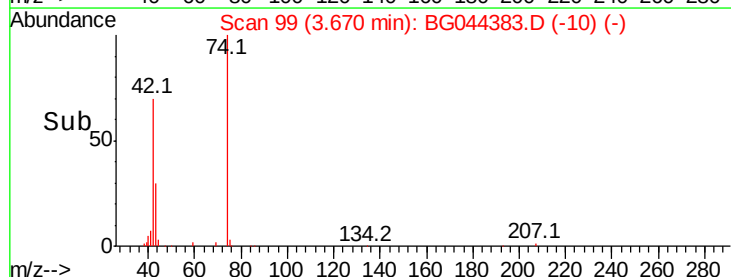
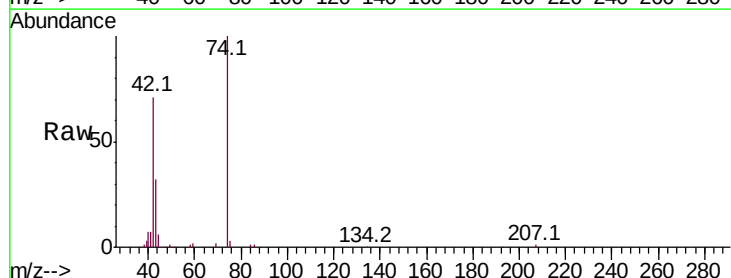
RT: 3.67 min Scan# 99

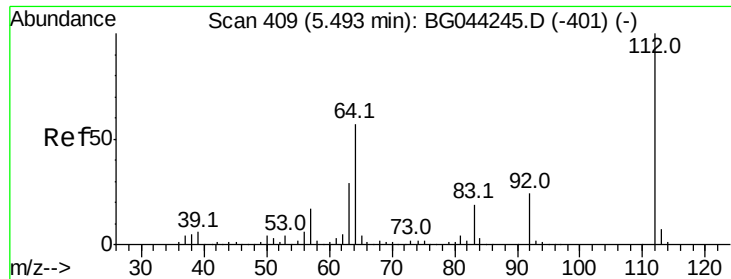
Delta R.T. -0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Tgt Ion:	42	Resp:	94686
Ion Ratio	Lower	Upper	
42	100		
74	141.8	115.1	172.7
44	7.9	5.6	8.4





#5

2-Fluorophenol

Concen: 96.431 ng

RT: 5.49 min Scan# 408

Delta R.T. 0.01 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

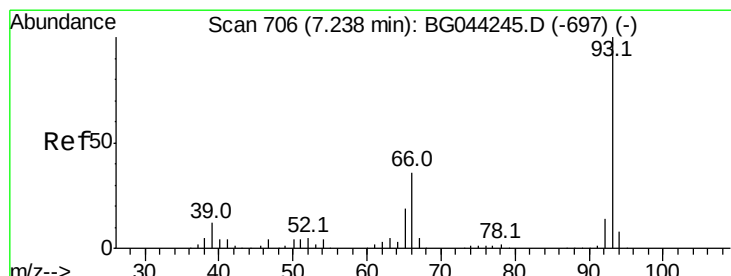
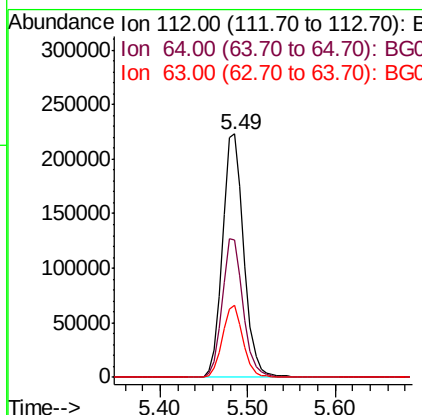
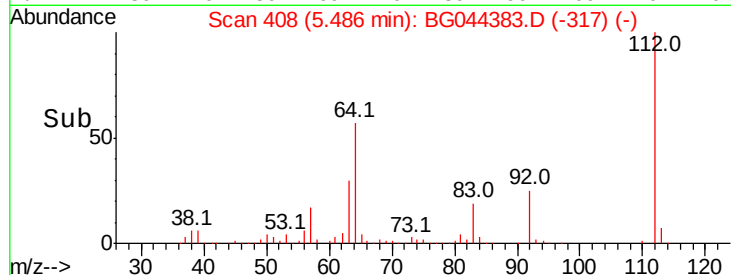
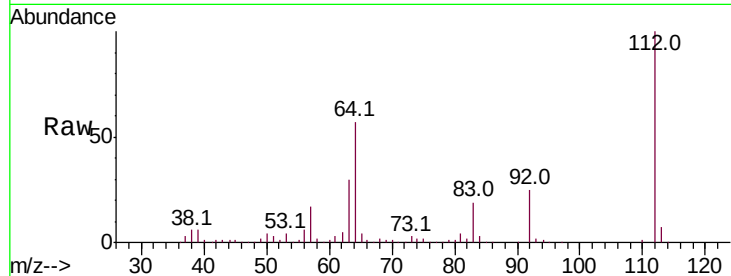
ClientSampleId :

PB126703BS

Tot Ion:	112	Resp:	375654
Ion Ratio	Lower	Upper	
112	100		
64	56.5	45.4	68.2
63	29.7	22.9	34.3

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM



#6

Aniline

Concen: 36.491 ng

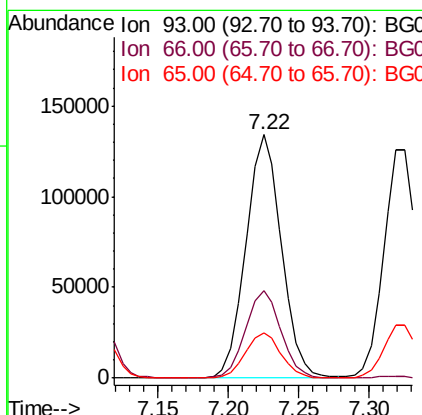
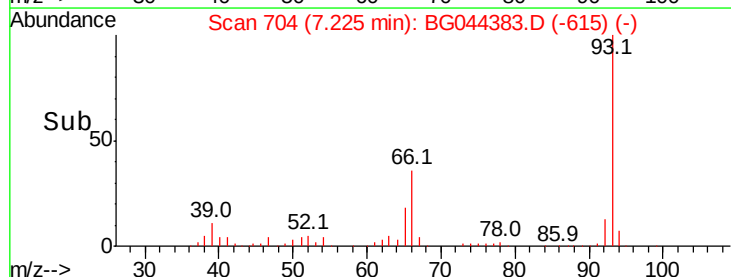
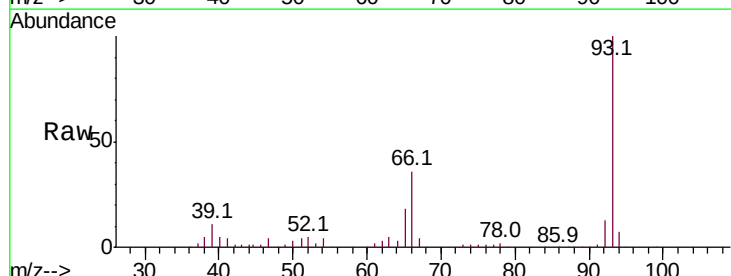
RT: 7.22 min Scan# 704

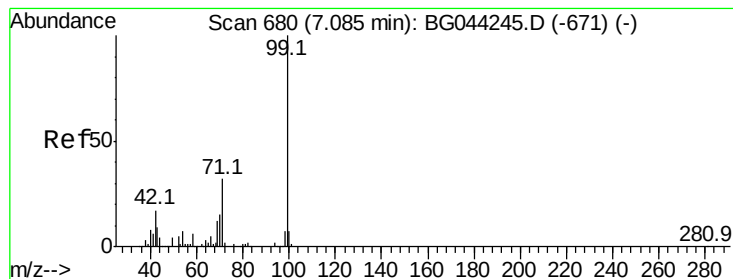
Delta R.T. -0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Tgt Ion:	93	Resp:	236947
Ion Ratio	Lower	Upper	
93	100		
66	35.8	28.7	43.1
65	18.4	15.4	23.0





#7

Phenol-d6

Concen: 93.867 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

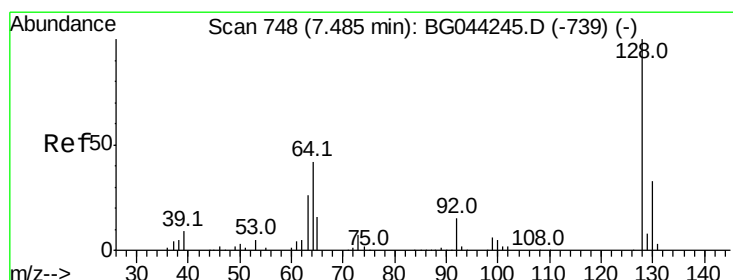
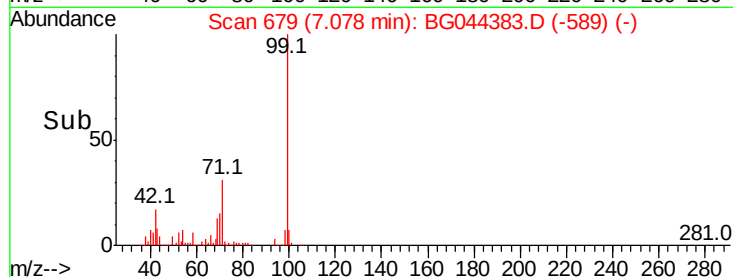
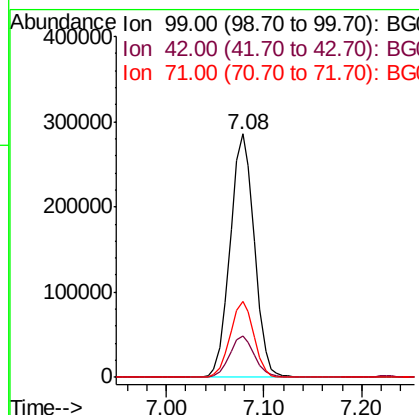
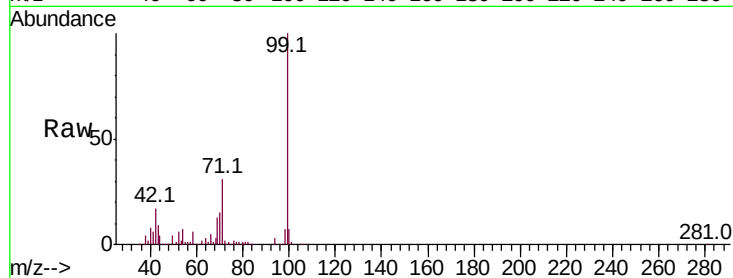
ClientSampleId :

PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	491036		
42	17.2	13.8	20.6	
71	31.4	25.5	38.3	

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM



#8

2-Chlorophenol

Concen: 52.008 ng

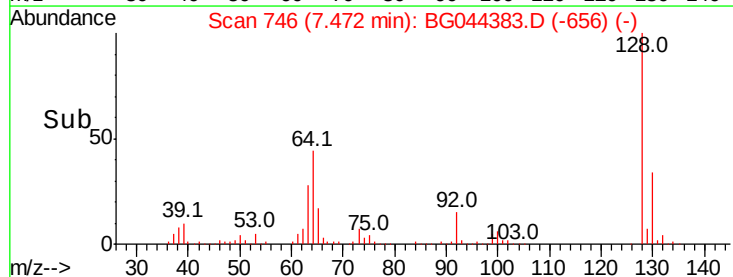
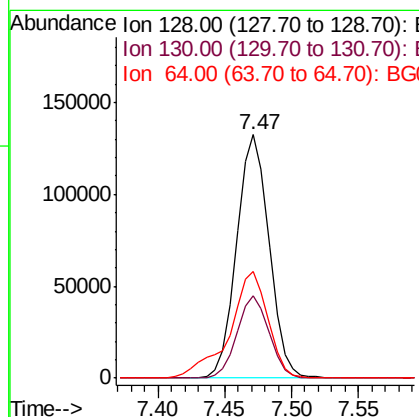
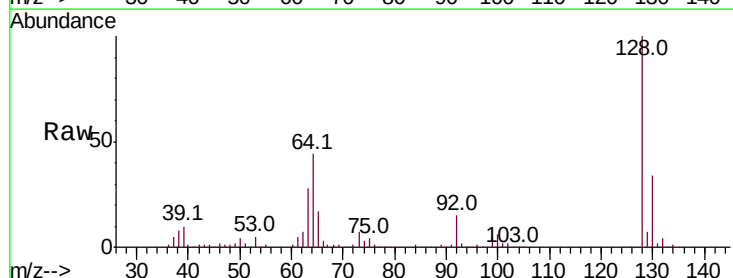
RT: 7.47 min Scan# 746

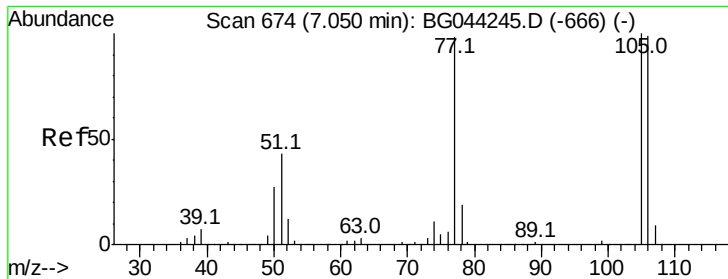
Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	222667		
130	33.6	12.5	52.5	
64	43.6	24.2	64.2	





#9

Benzaldehyde

Concen: 36.963 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

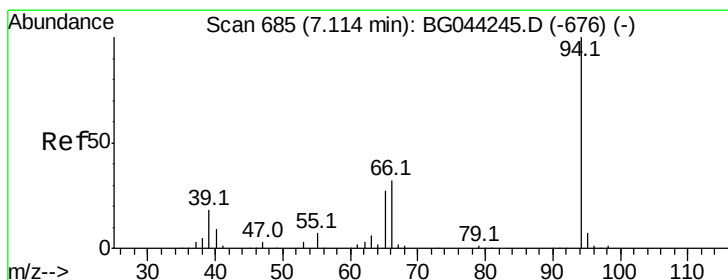
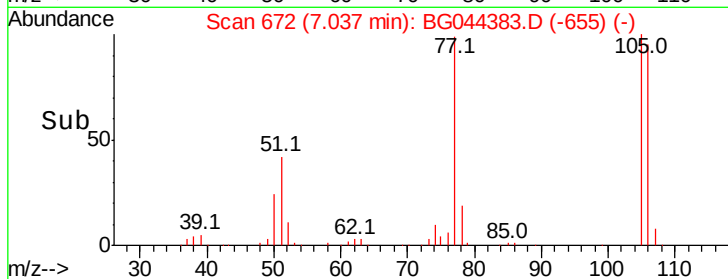
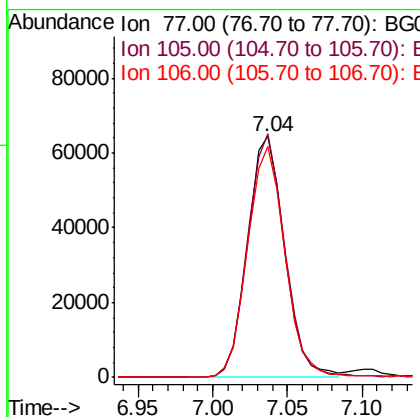
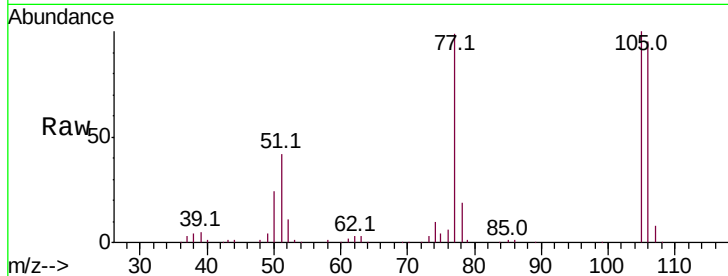
ClientSampleId :

PB126703BS

Tot Ion:	77	Resp:	110126
Ion	Ratio	Lower	Upper
77	100		
105	101.1	82.0	122.0
106	95.7	80.7	120.7

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM



#10

Phenol

Concen: 52.677 ng

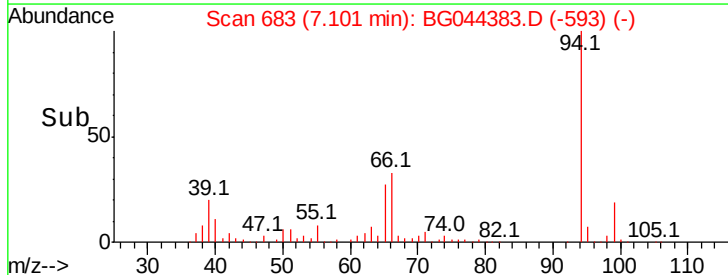
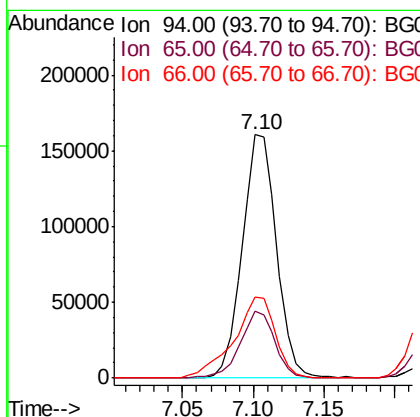
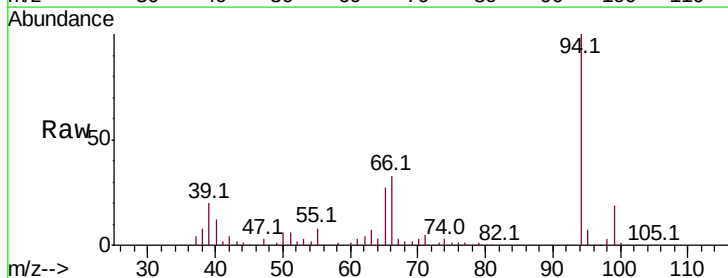
RT: 7.10 min Scan# 683

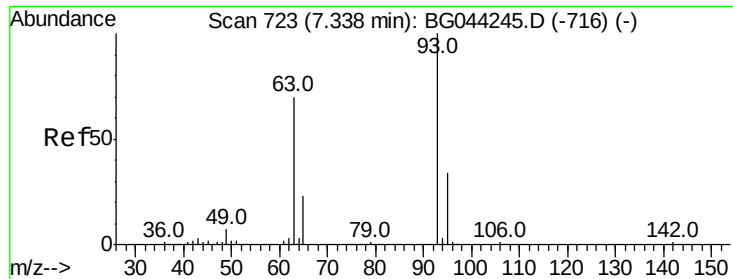
Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Tgt Ion:	94	Resp:	272715
Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.0	47.0
66	33.3	12.7	52.7





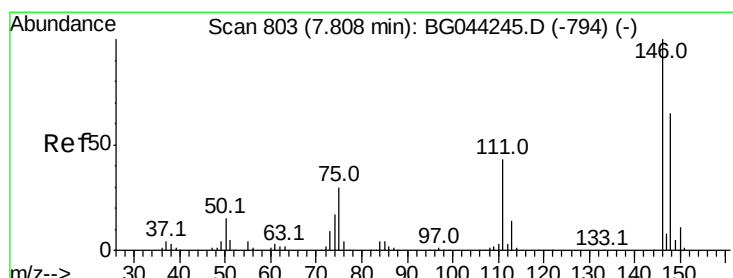
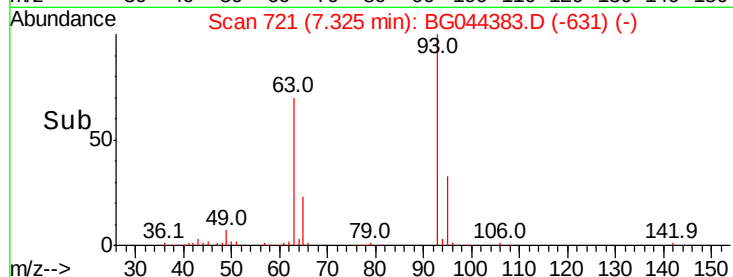
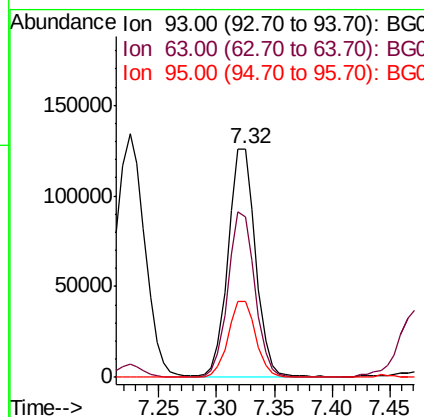
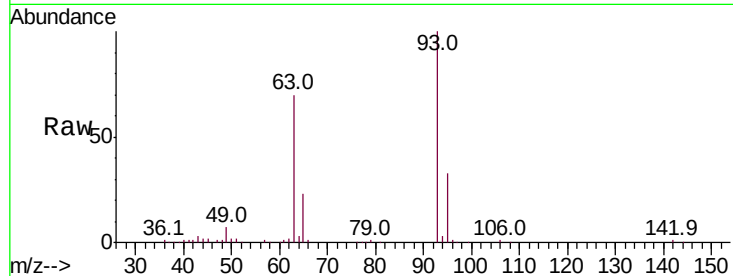
#11
bis(2-Chloroethyl)ether
Concen: 47.156 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	93	Resp	208716
Ion	Ratio	Lower	Upper
93	100		
63	70.1	49.2	89.2
95	33.2	13.6	53.6

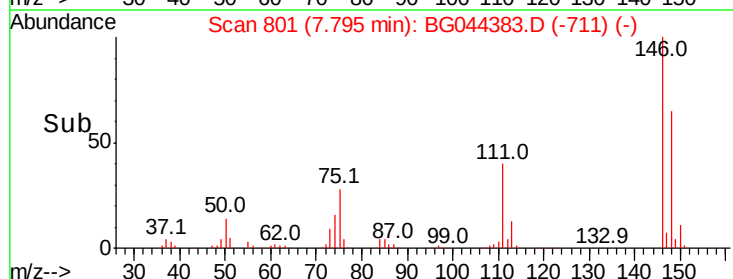
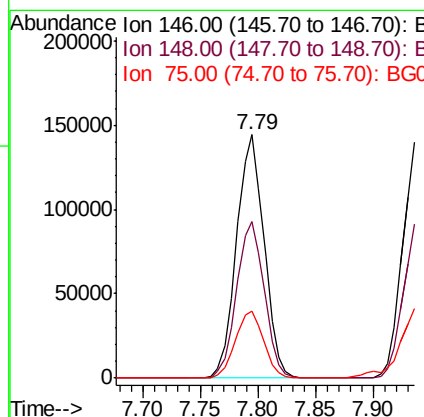
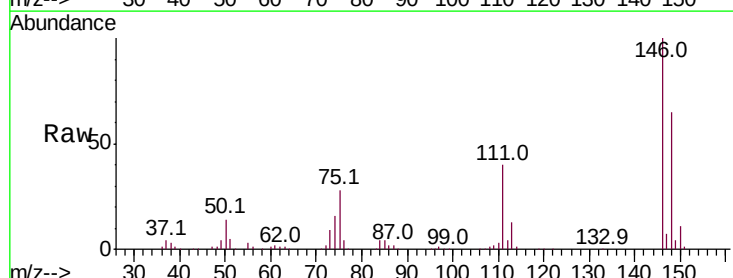
Manual Integrations
APPROVED

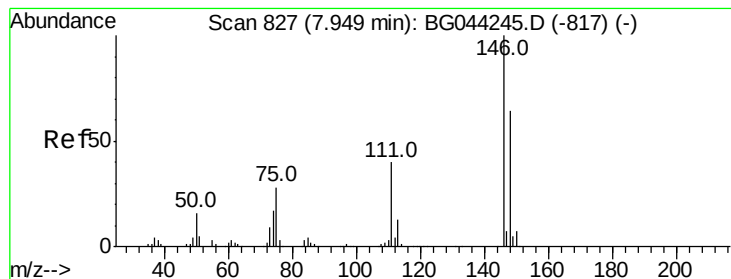
mohammad
2/13/2020 10:29:34 AM



#12
1,3-Dichlorobenzene
Concen: 46.775 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	146	Resp	239106
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	27.7	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 47.525 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

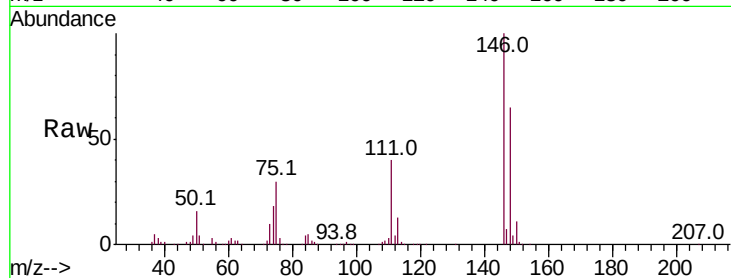
ClientSampleId :

PB126703BS

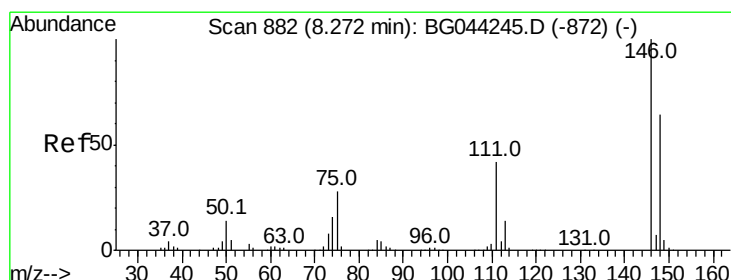
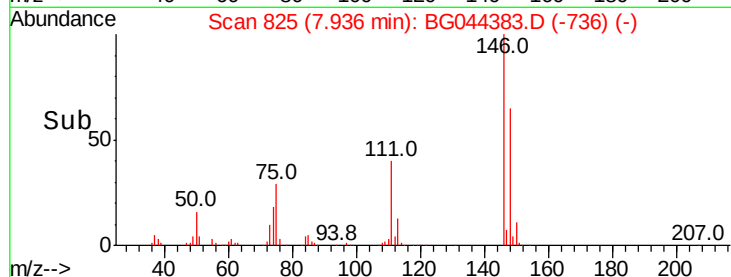
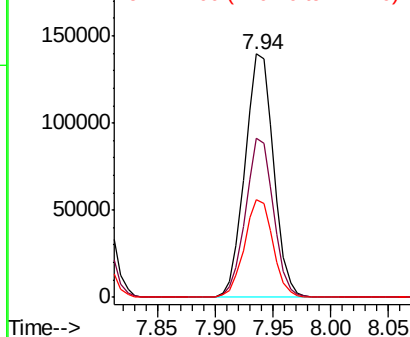
Tot Ion:	146	Resp:	240615
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.4	77.0
111	40.3	31.8	47.8

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.939 ng

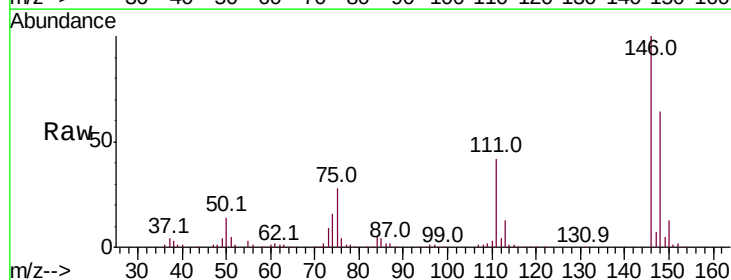
RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

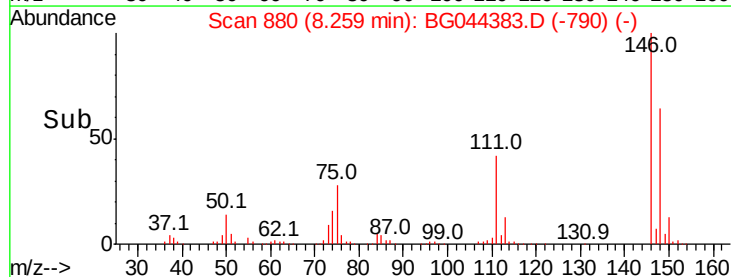
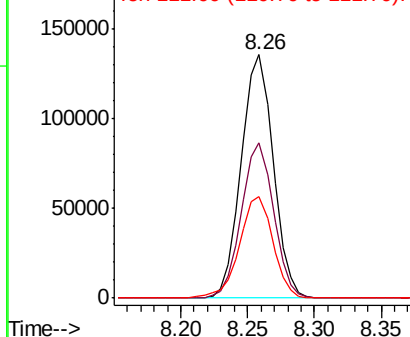
Lab File: BG044383.D

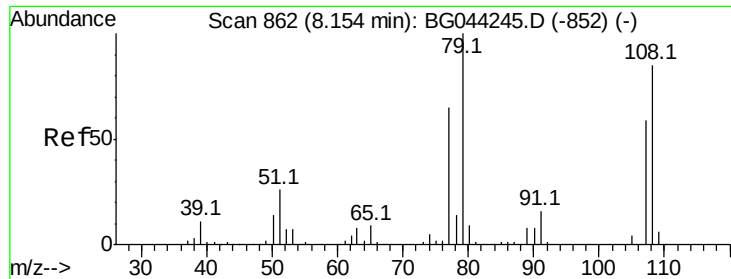
Acq: 11 Feb 2020 10:25

Tgt Ion:	146	Resp:	224623
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.2	76.8
111	41.8	34.0	51.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





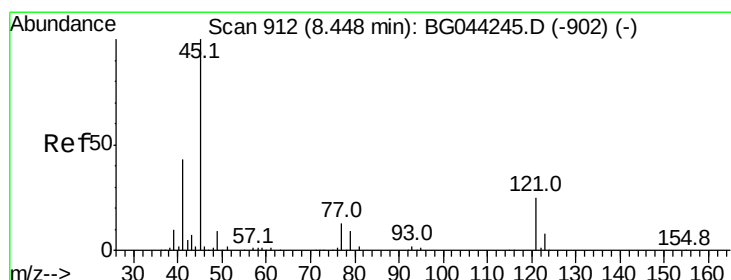
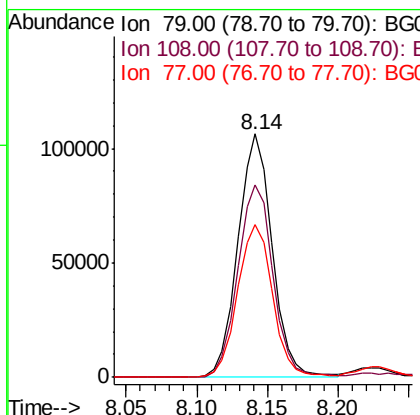
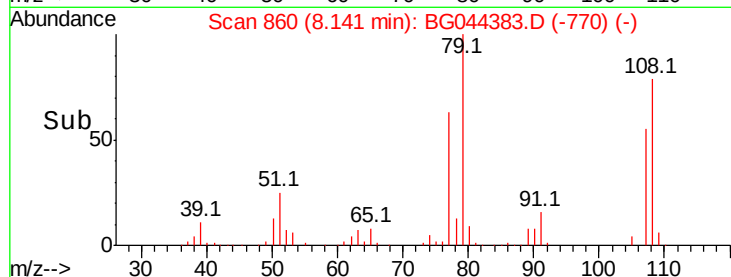
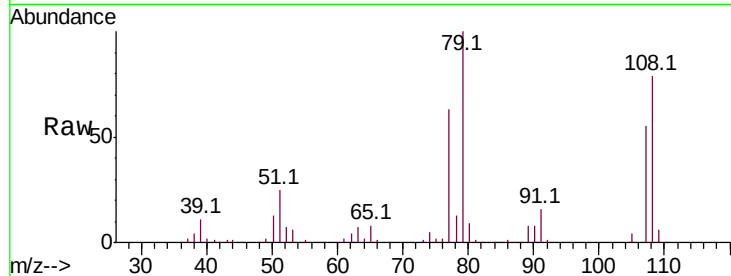
#15
Benzyl Alcohol
Concen: 48.868 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.2	68.3	102.5	
77	62.9	51.8	77.8	

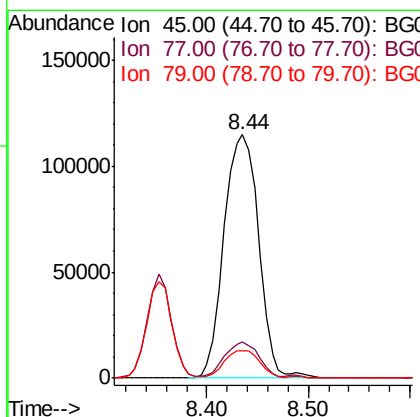
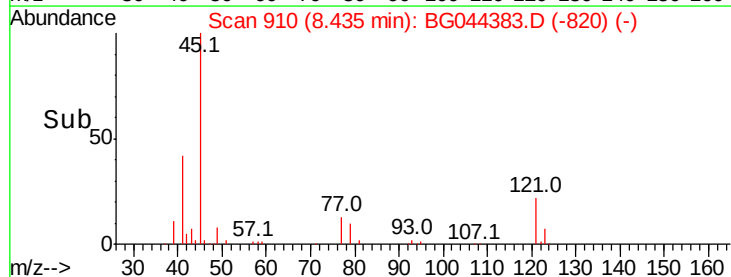
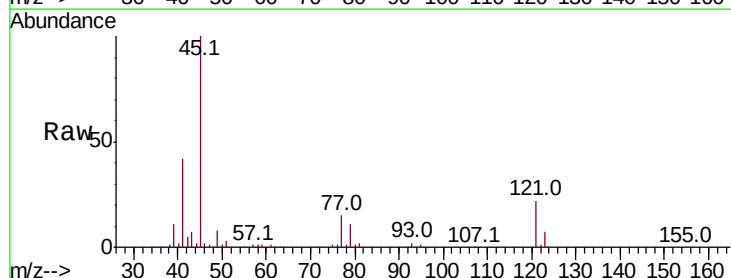
Manual Integrations
APPROVED

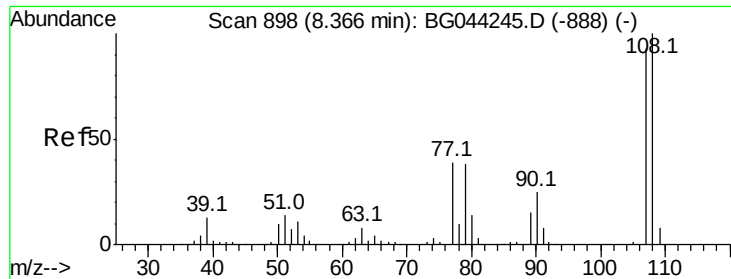
mohammad
2/13/2020 10:29:34 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.552 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.8	0.0	35.2	
79	11.3	0.0	31.1	





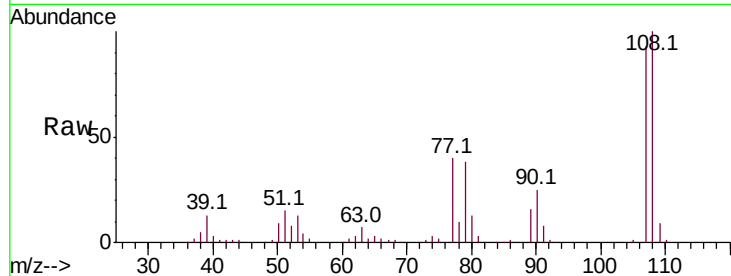
#17
2-Methylphenol
Concen: 50.832 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

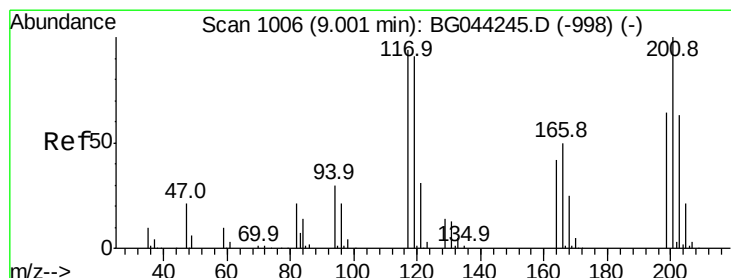
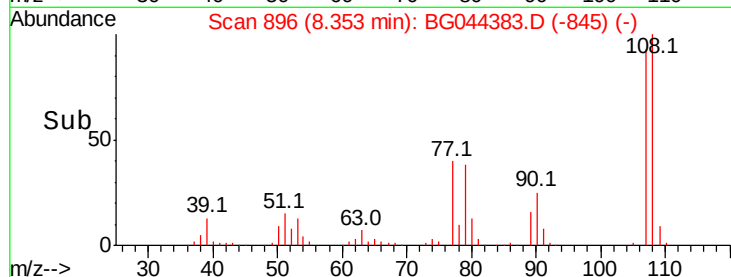
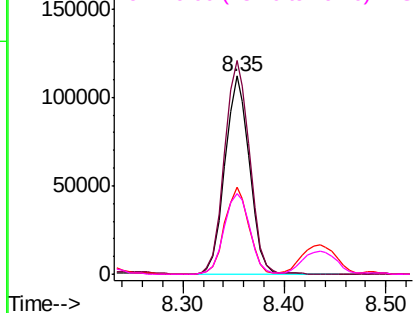
Tot Ion	Ratio	Resp	Lower	Upper
107	100	187763		
108	107.9	86.4	129.6	
77	43.7	34.0	51.0	
79	40.9	32.9	49.3	

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM

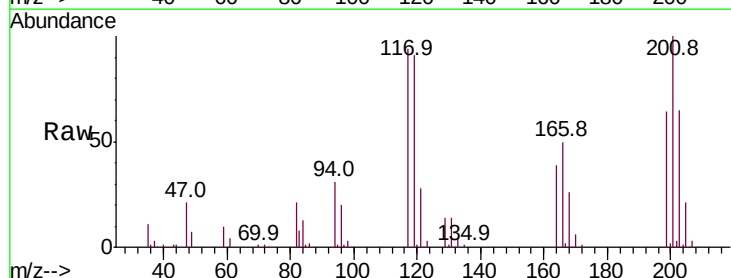


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

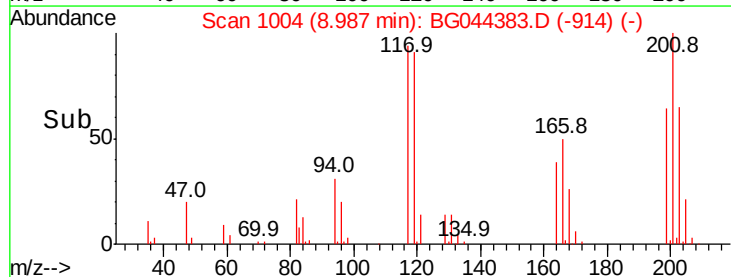
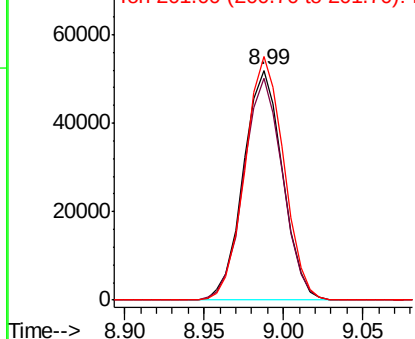


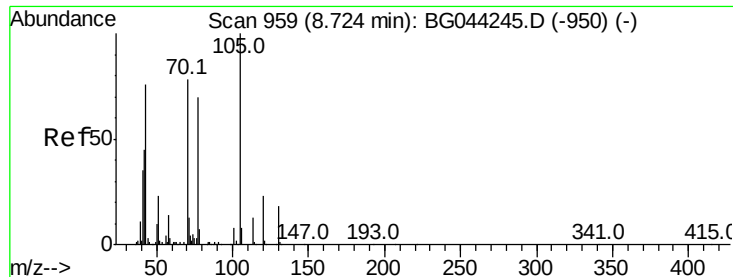
#18
Hexachloroethane
Concen: 46.946 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	89192		
119	96.4	77.5	116.3	
201	106.1	84.9	127.3	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





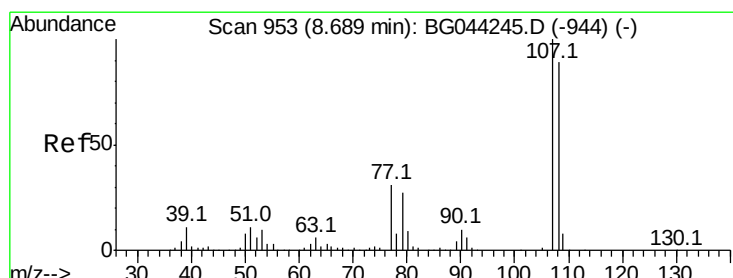
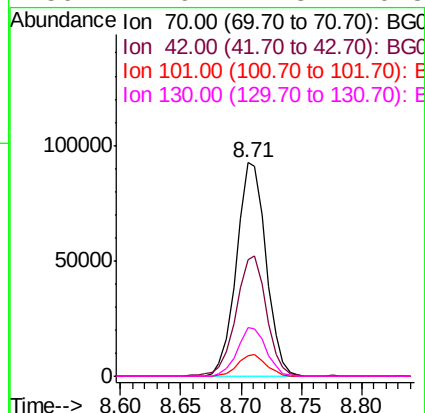
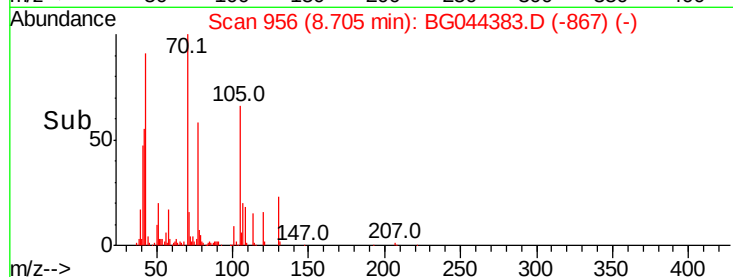
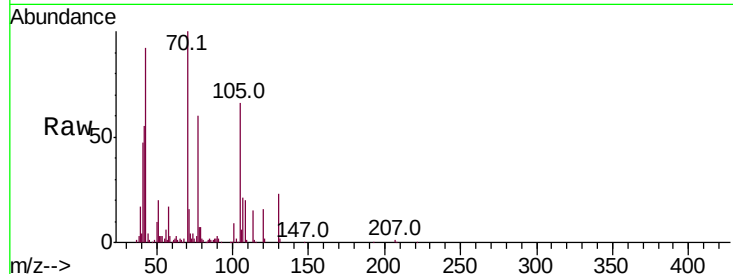
#19
n-Nitroso-di-n-propylamine
Concen: 45.316 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.9	46.2	69.2		
101	9.4	8.4	12.6		
130	22.6	17.8	26.8		

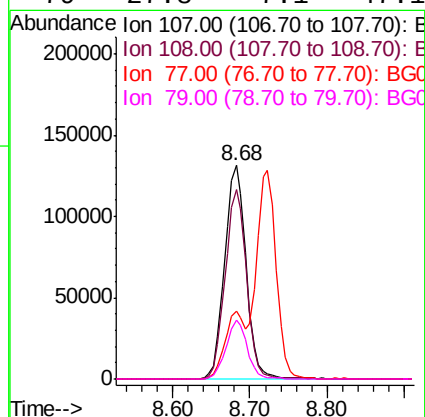
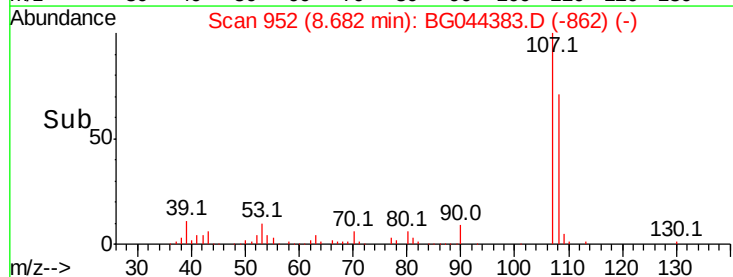
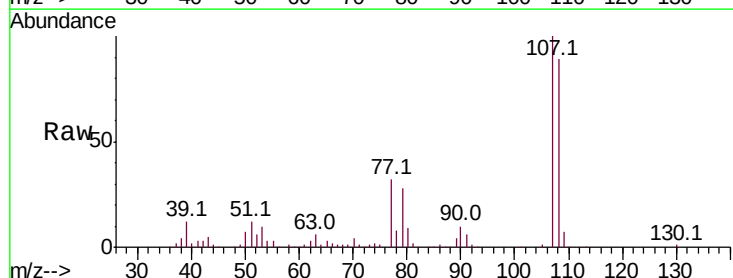
Manual Integrations
APPROVED

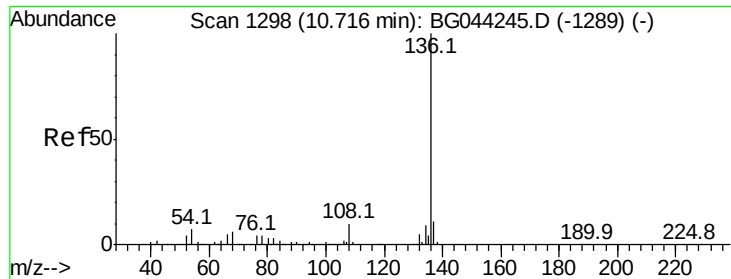
mohammad
2/13/2020 10:29:34 AM



#20
3+4-Methylphenols
Concen: 50.072 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	68.5	108.5		
77	31.7	10.9	50.9		
79	27.8	7.1	47.1		





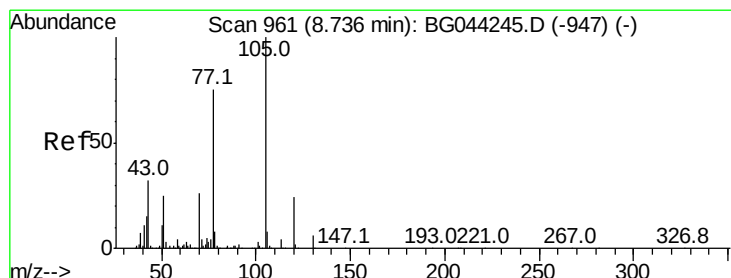
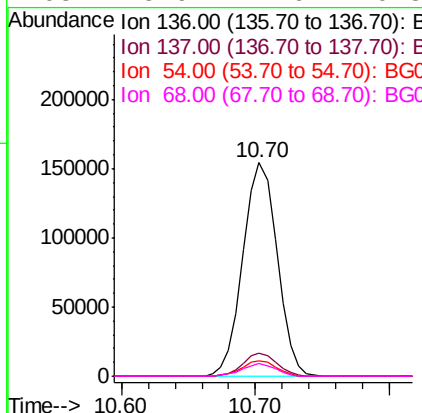
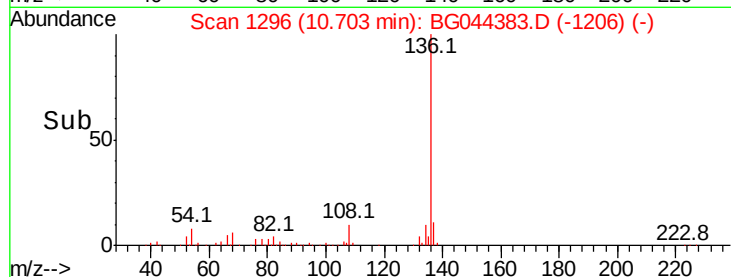
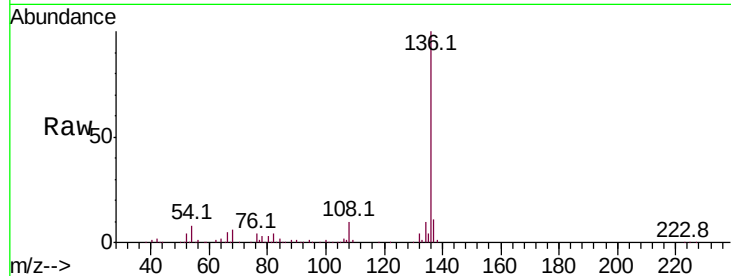
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	274149		
137	10.6		8.8	13.2
54	7.5		5.8	8.8
68	5.9		4.6	6.8

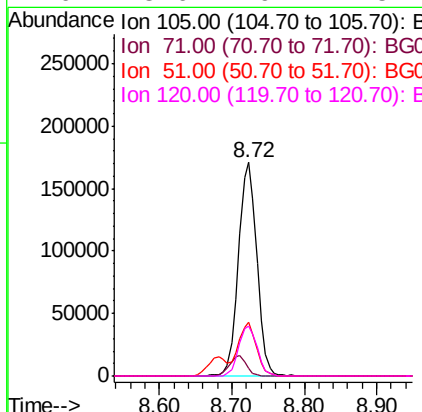
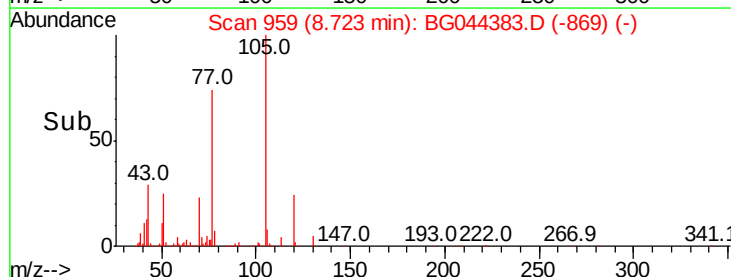
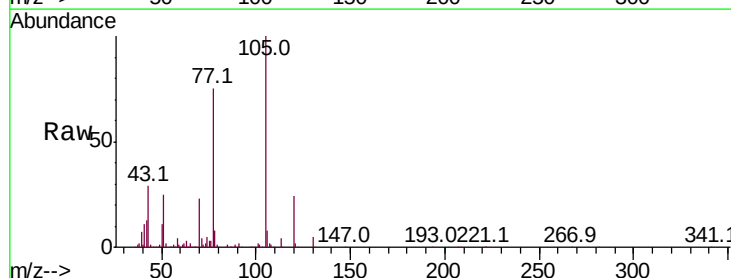
Manual Integrations
APPROVED

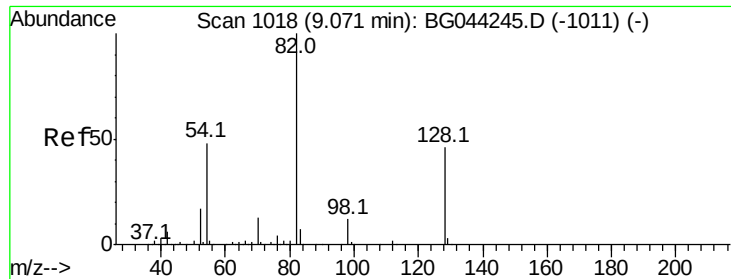
mohammad
2/13/2020 10:29:34 AM



#22
Acetophenone
Concen: 45.243 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	301734		
71	3.7		3.4	5.0
51	25.0		20.2	30.4
120	23.6		19.1	28.7





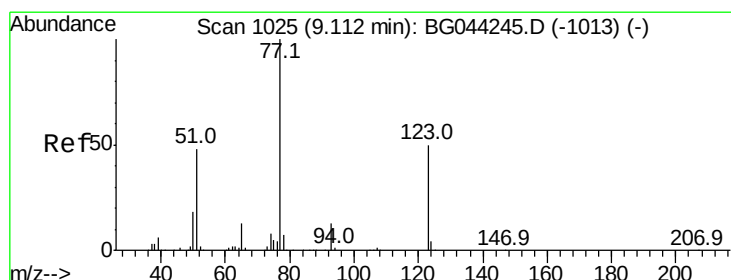
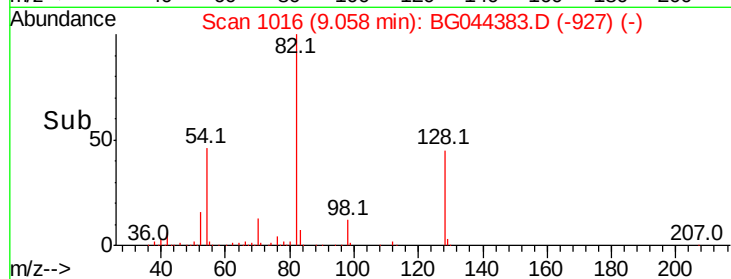
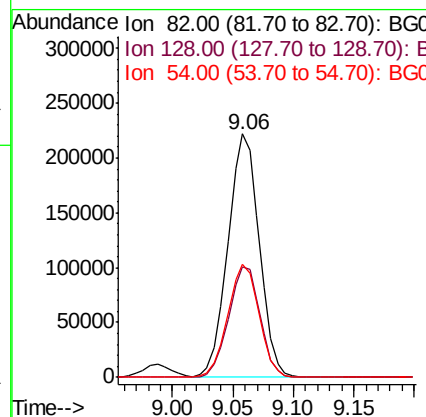
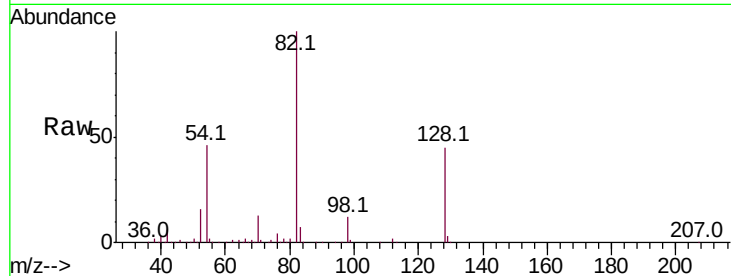
#23
 Nitrobenzene-d5
 Concen: 81.989 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.4	36.5	54.7	
54	46.4	38.6	58.0	

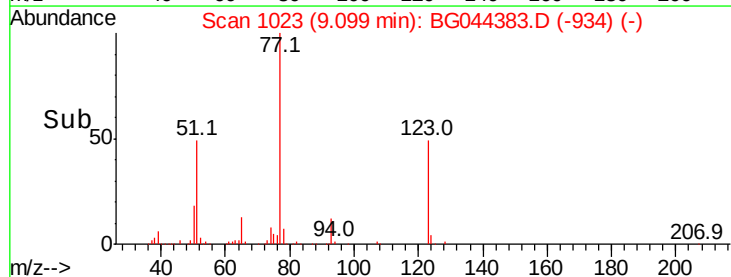
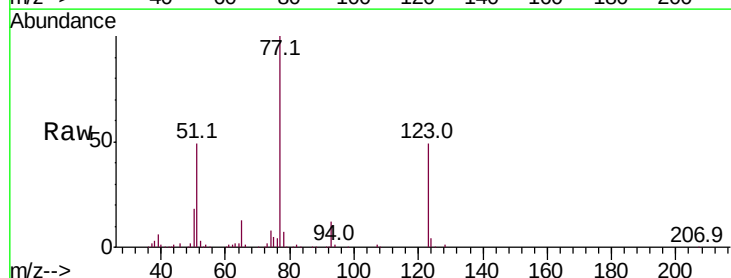
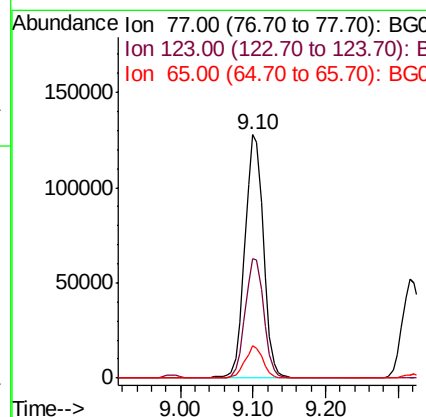
Manual Integrations
 APPROVED

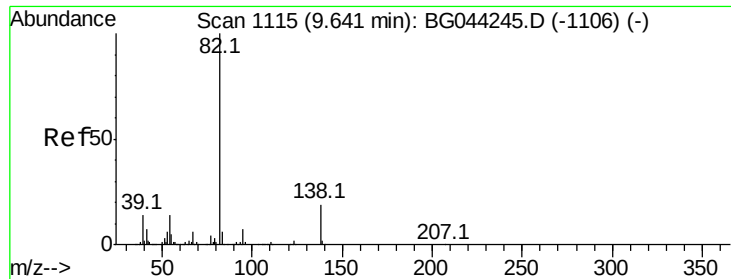
mohammad
 2/13/2020 10:29:34 AM



#24
 Nitrobenzene
 Concen: 48.055 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.1	39.9	59.9	
65	13.1	10.4	15.6	





#25

Isophorone

Concen: 47.184 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

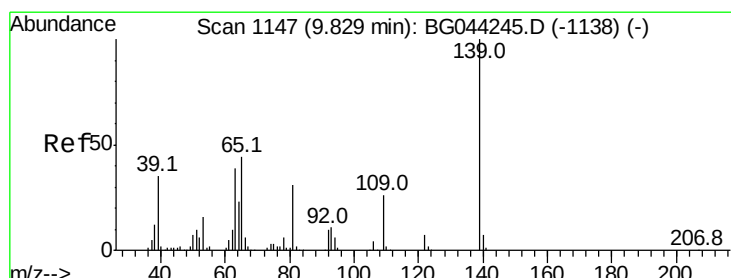
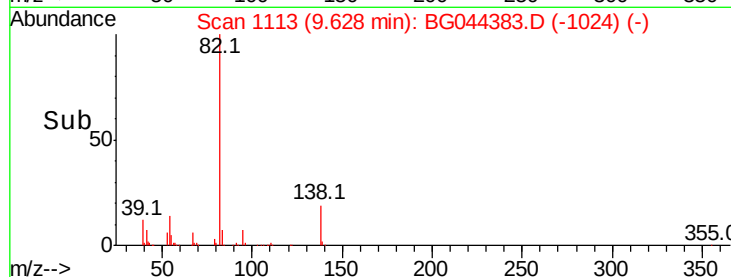
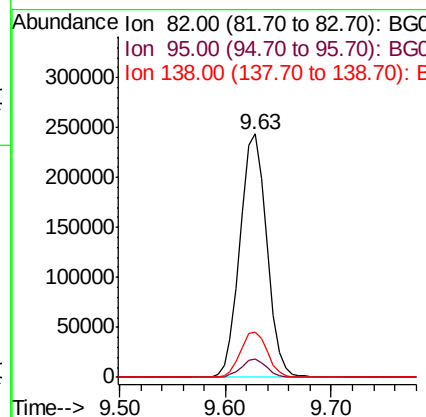
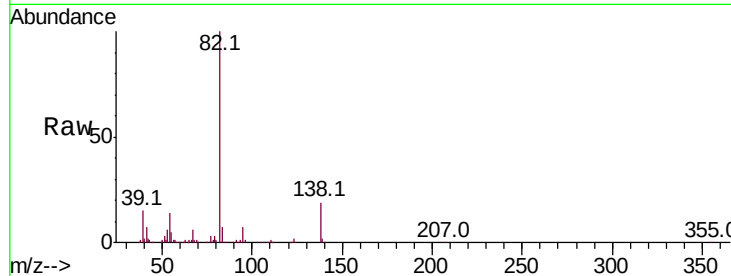
ClientSampleId :

PB126703BS

Tot Ion	82	Resp	427059
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	18.6	15.0	22.4

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM



#26

2-Nitrophenol

Concen: 50.432 ng

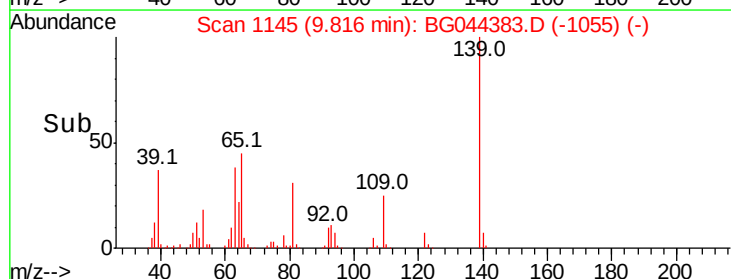
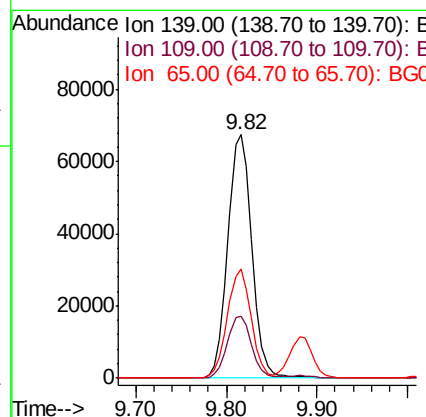
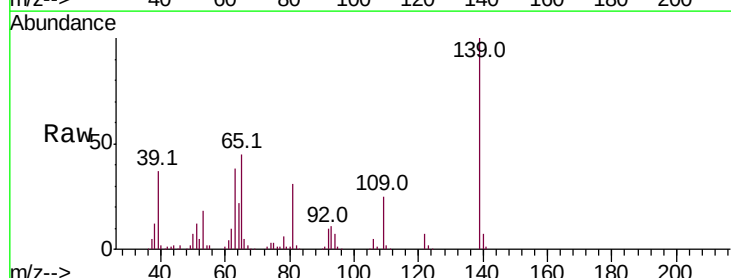
RT: 9.82 min Scan# 1145

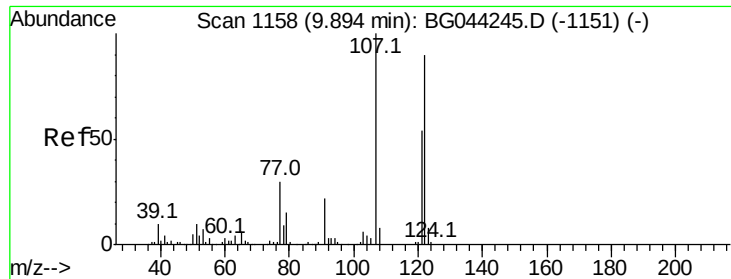
Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Tgt Ion	139	Resp	124056
Ion Ratio	Lower	Upper	
139	100		
109	25.2	21.0	31.4
65	44.7	35.0	52.4





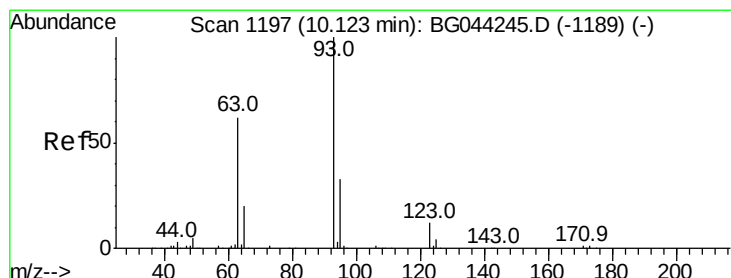
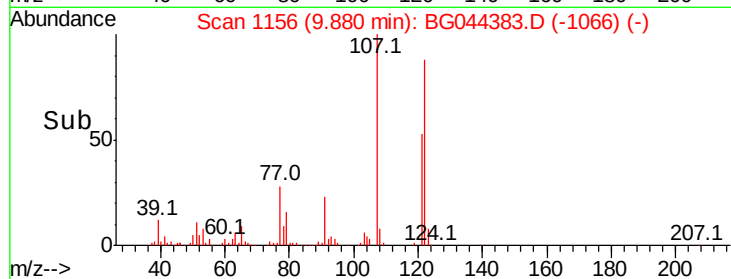
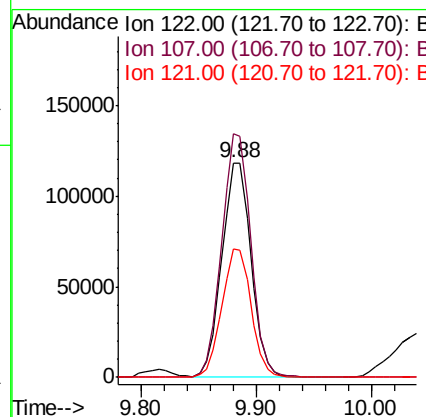
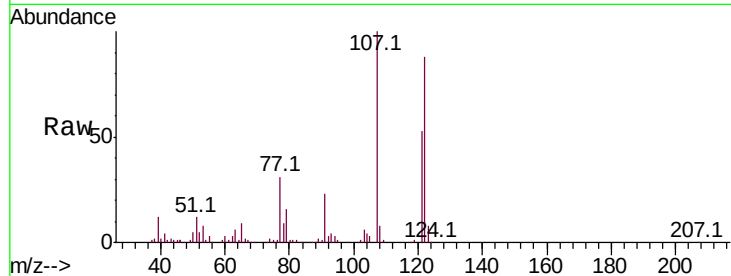
#27
 2,4-Dimethylphenol
 Concen: 59.824 ng
 RT: 9.88 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	207728		
107	113.4	88.8	133.2	
121	60.1	48.3	72.5	

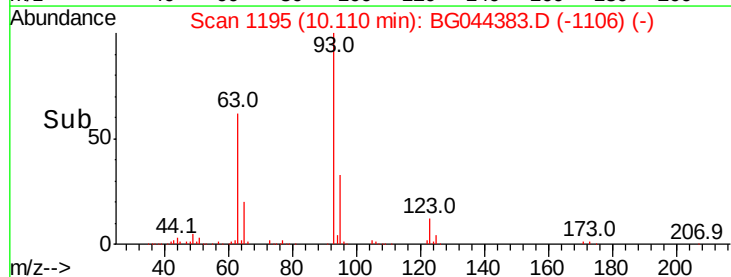
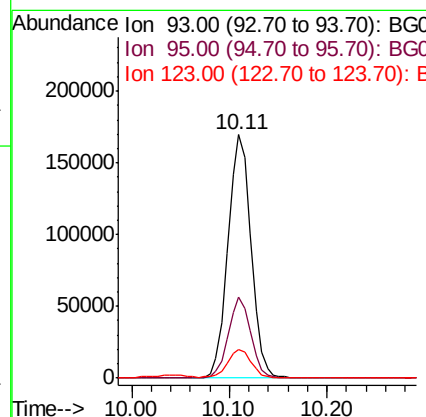
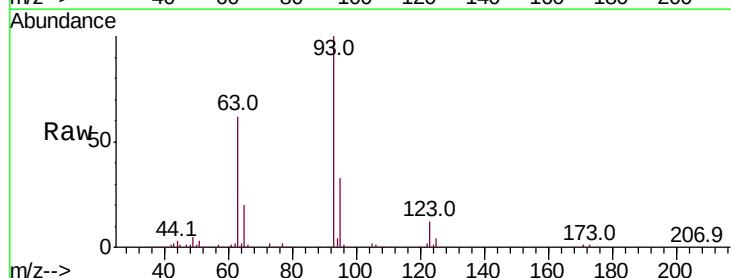
Manual Integrations
 APPROVED

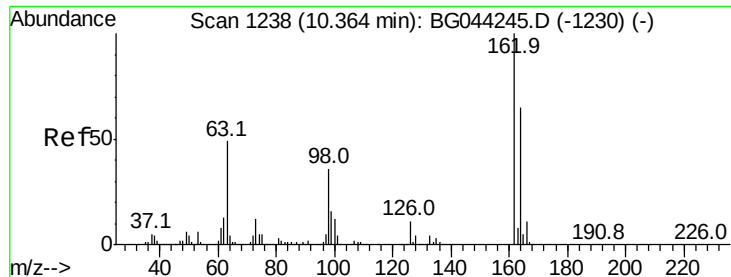
mohammad
 2/13/2020 10:29:34 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.160 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	278702		
95	33.2	26.6	40.0	
123	11.9	10.0	15.0	





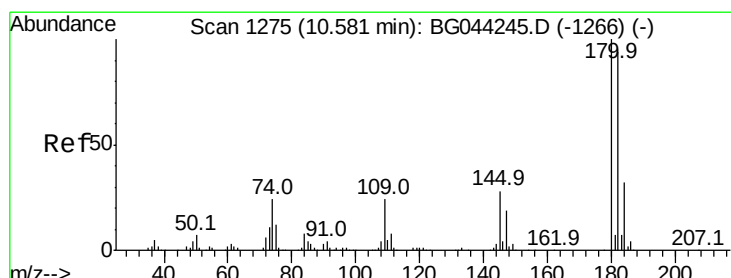
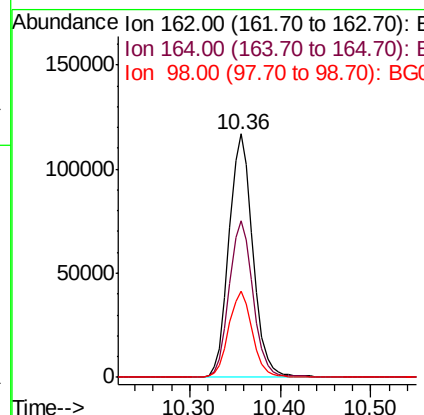
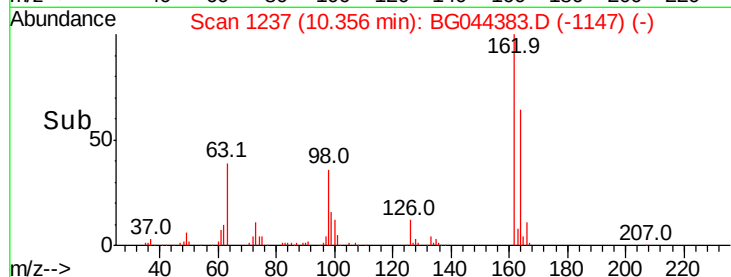
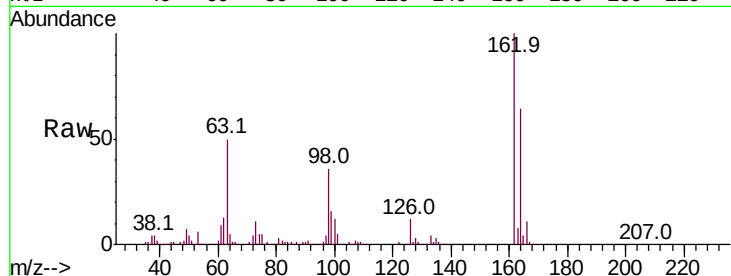
#29
 2,4-Dichlorophenol
 Concen: 51.022 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	214223		
164	64.3	44.7	84.7	
98	35.5	15.8	55.8	

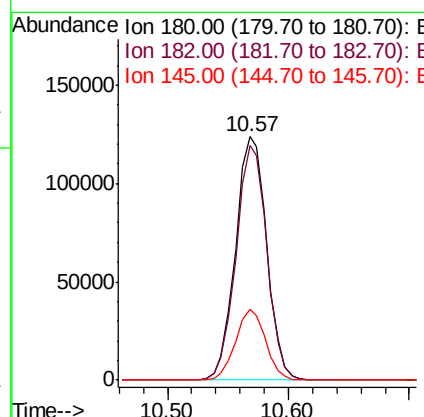
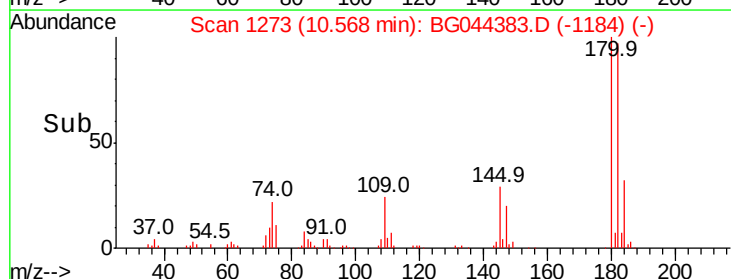
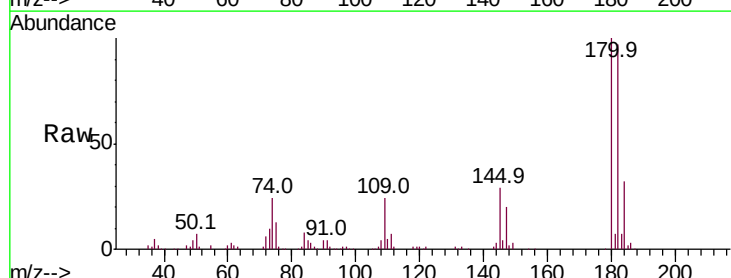
Manual Integrations
 APPROVED

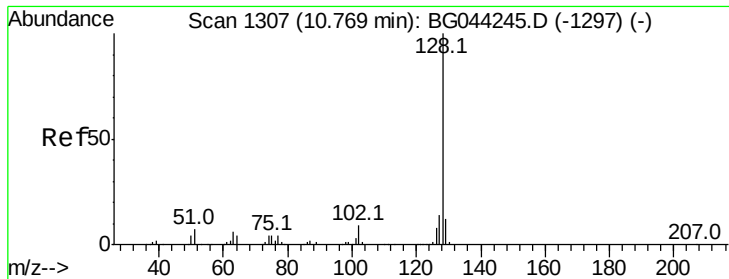
mohammad
 2/13/2020 10:29:34 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.144 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	222155		
182	96.6	75.5	113.3	
145	29.1	22.6	34.0	





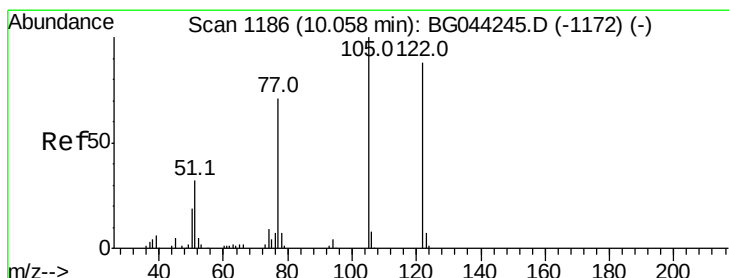
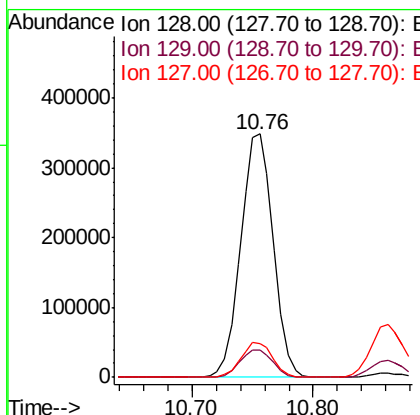
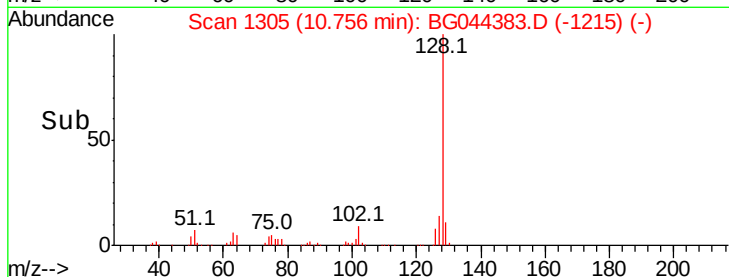
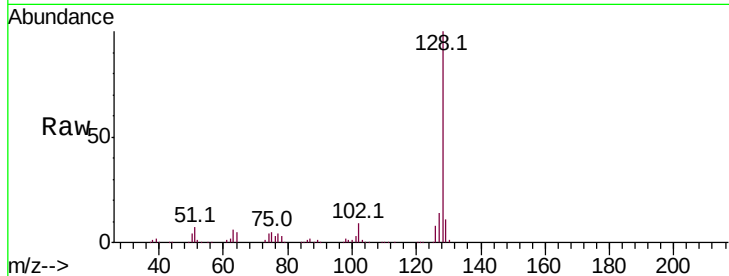
#31
Naphthalene
Concen: 48.830 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	649480		
129	11.3	9.3	13.9	
127	14.1	11.6	17.4	

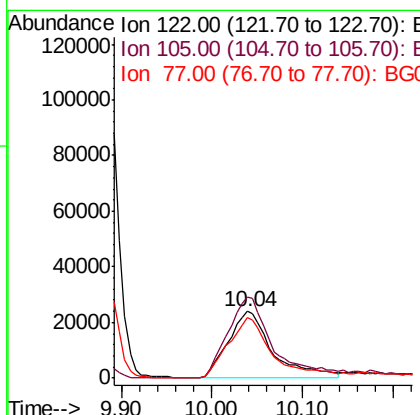
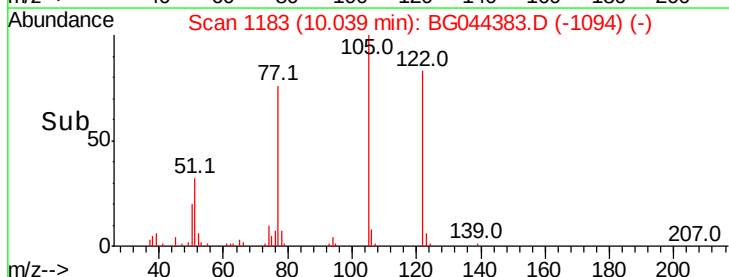
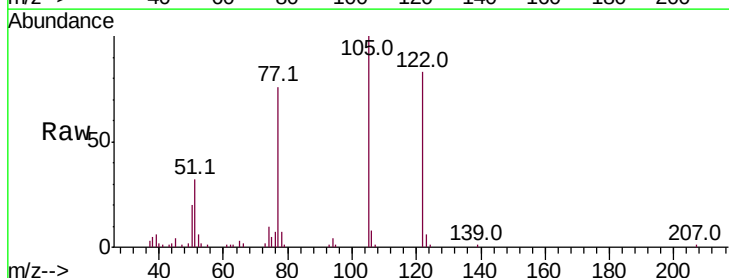
Manual Integrations
APPROVED

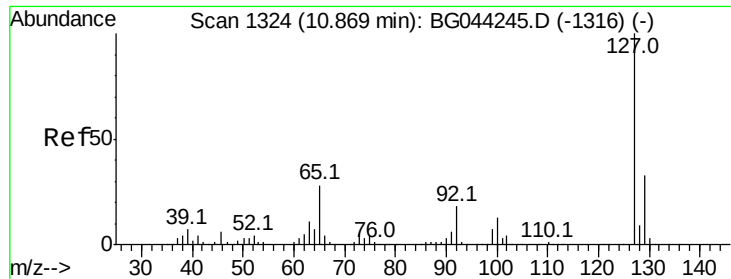
mohammad
2/13/2020 10:29:34 AM



#32
Benzoic acid
Concen: 39.014 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	80624		
105	120.5	93.5	133.5	
77	91.5	61.0	101.0	





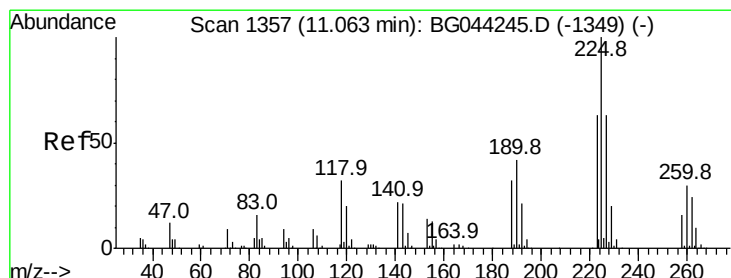
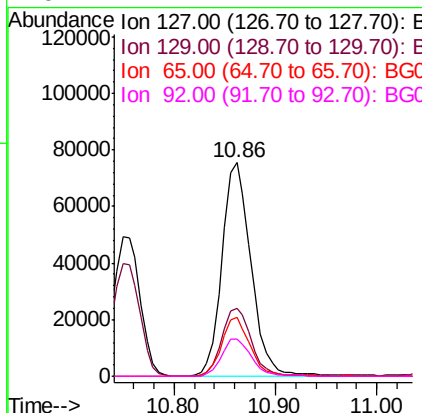
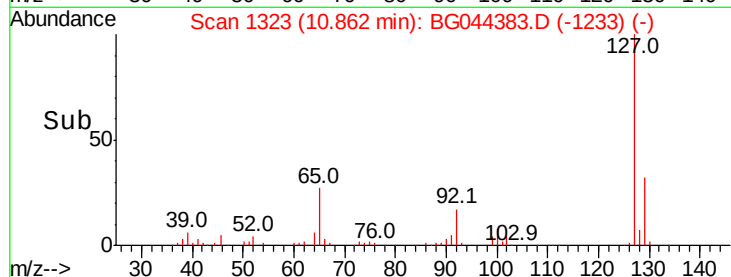
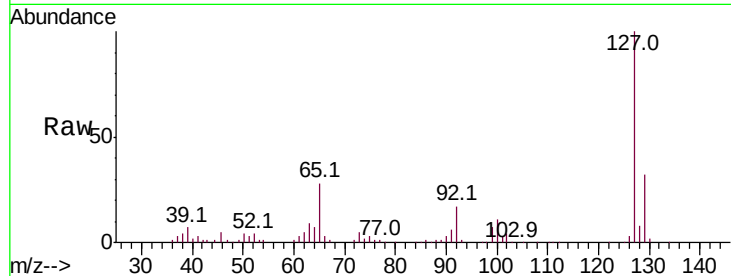
#33
4-Chloroaniline
Concen: 24.872 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	40.0
65	27.6	22.5	33.7
92	17.4	14.1	21.1

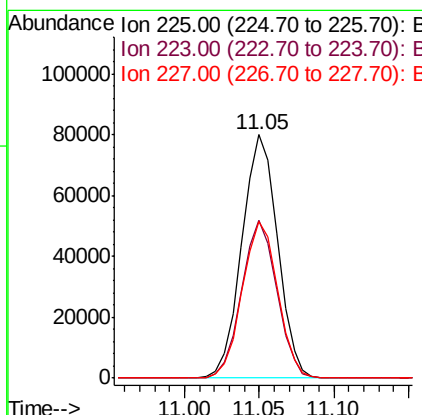
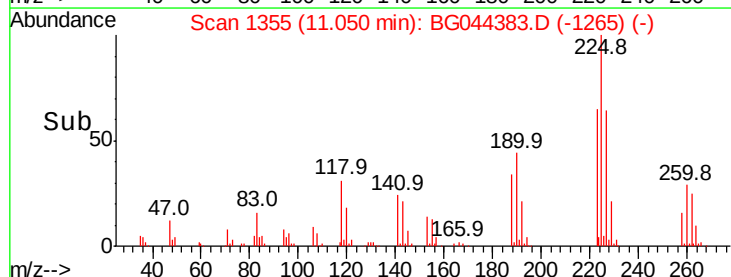
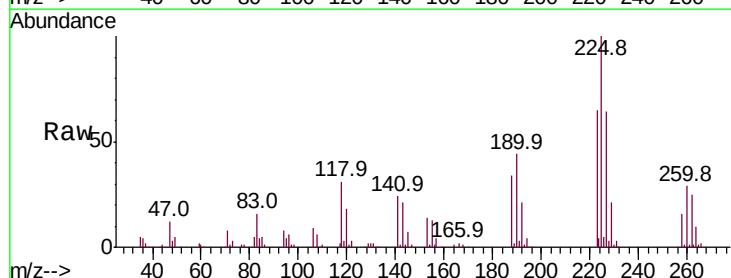
Manual Integrations
APPROVED

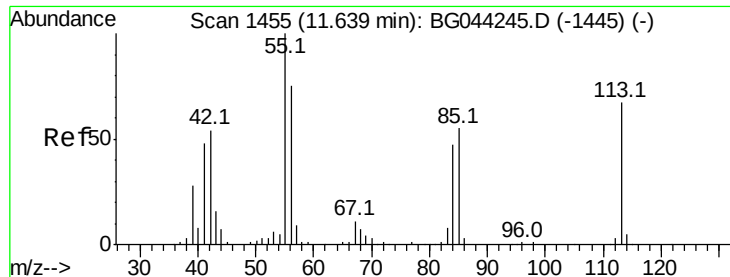
mohammad
2/13/2020 10:29:34 AM



#34
Hexachlorobutadiene
Concen: 44.843 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.2	75.4
227	64.2	50.8	76.2





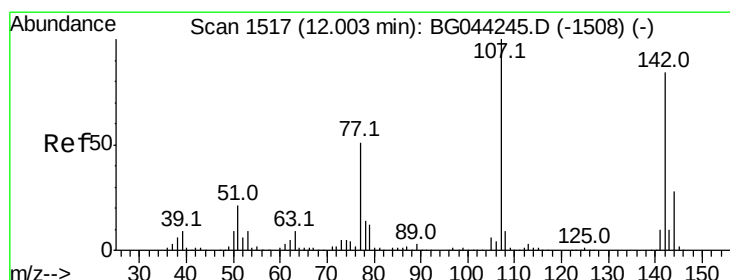
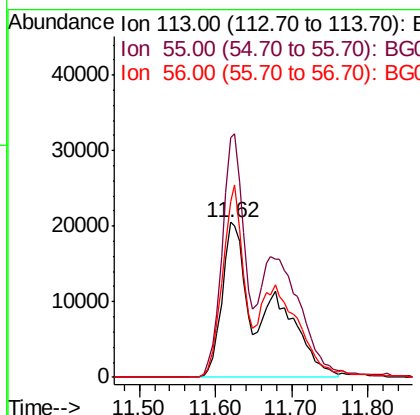
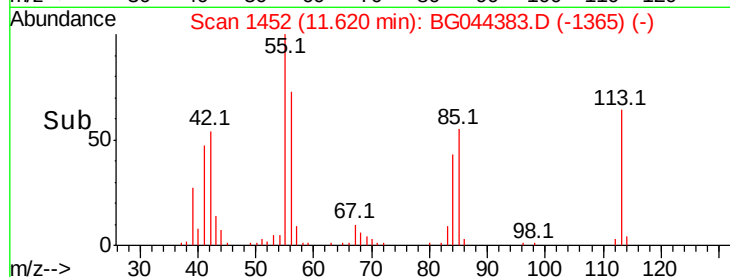
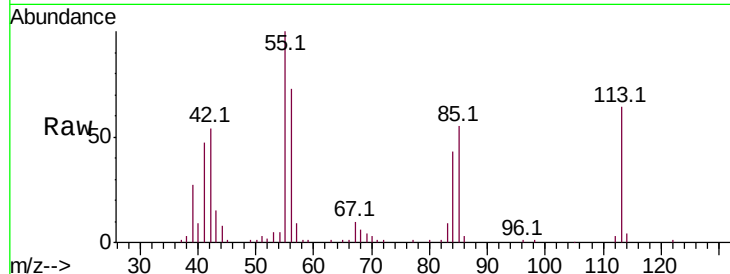
#35
Caprolactam
Concen: 51.646 ng/ml
RT: 11.62 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion:113 Resp: 79434
Ion Ratio Lower Upper
113 100
55 155.3 129.9 169.9
56 113.4 92.5 132.5

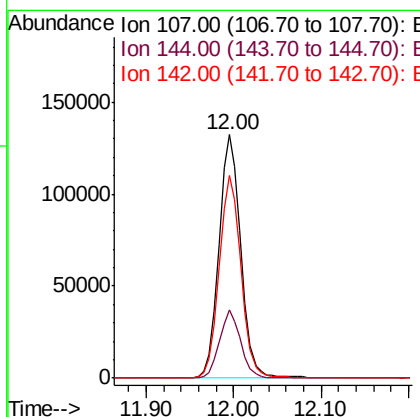
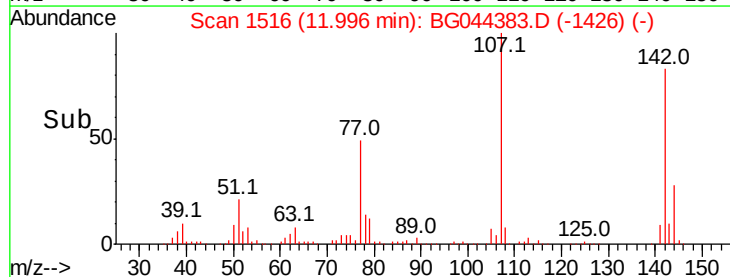
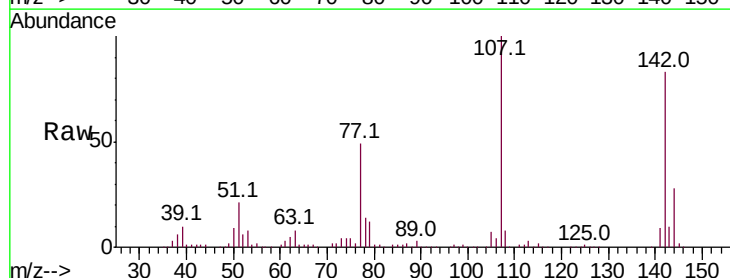
Manual Integrations
APPROVED

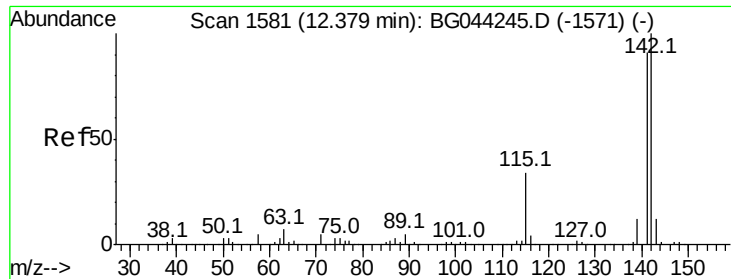
mohammad
2/13/2020 10:29:34 AM



#36
4-Chloro-3-methylphenol
Concen: 51.837 ng/ml
RT: 12.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion:107 Resp: 228191
Ion Ratio Lower Upper
107 100
144 27.9 22.2 33.4
142 83.4 67.4 101.0





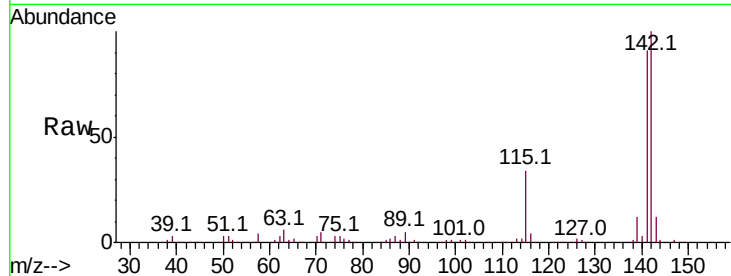
#37
2-Methylnaphthalene
Concen: 48.486 ng
RT: 12.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

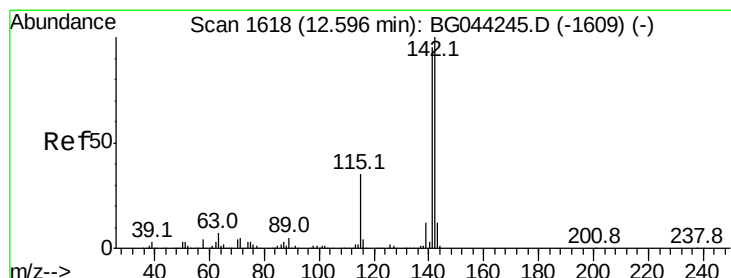
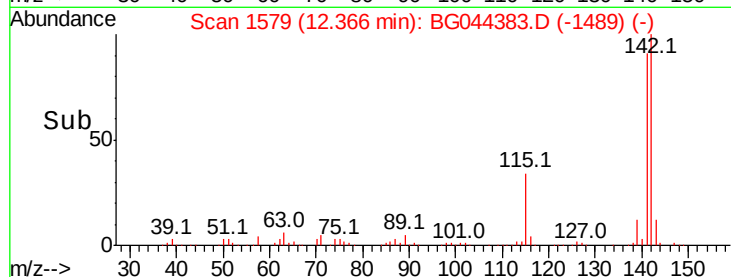
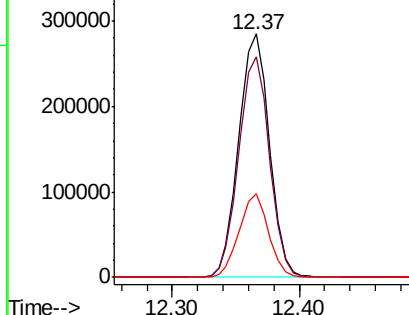
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.2	109.8
115	34.2	27.1	40.7

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM

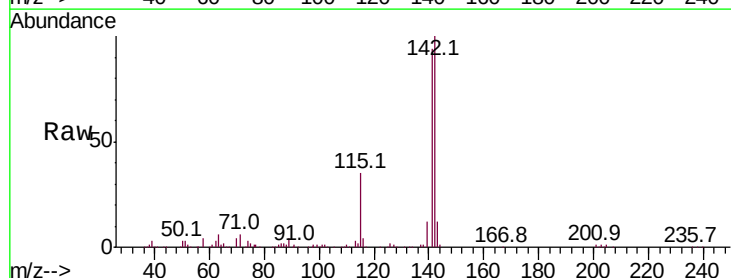


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

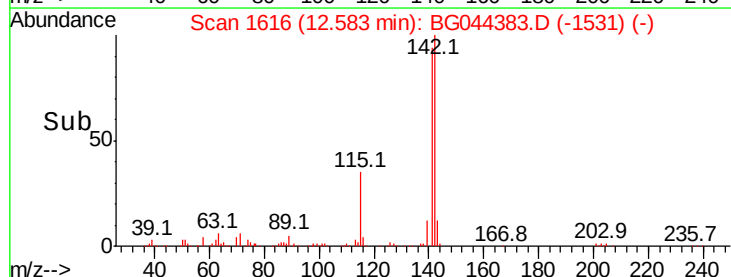
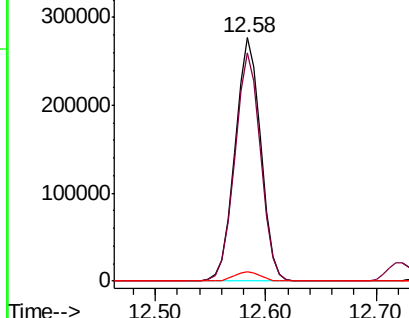


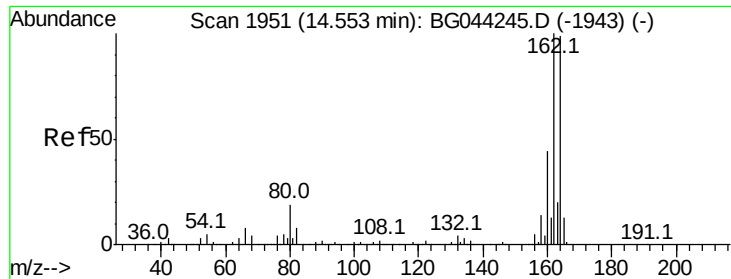
#38
1-Methylnaphthalene
Concen: 48.555 ng
RT: 12.58 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.8	113.6
116	3.8	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

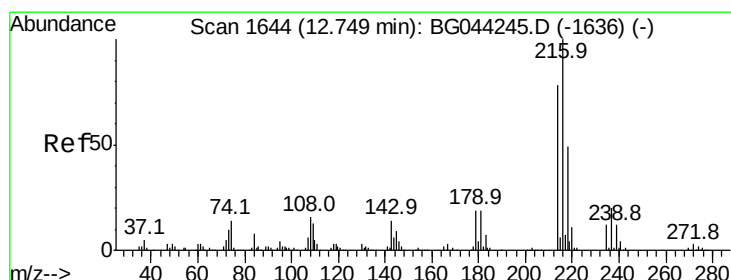
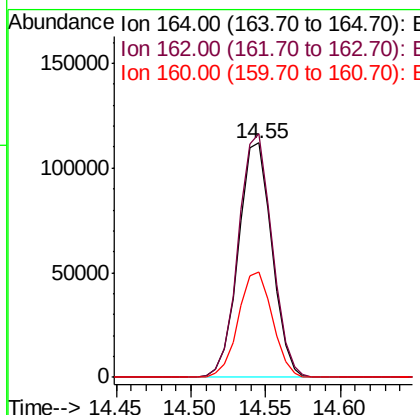
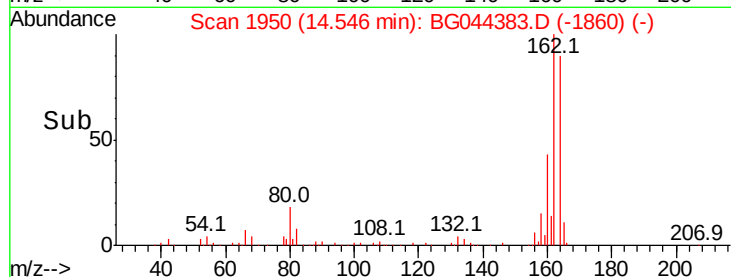
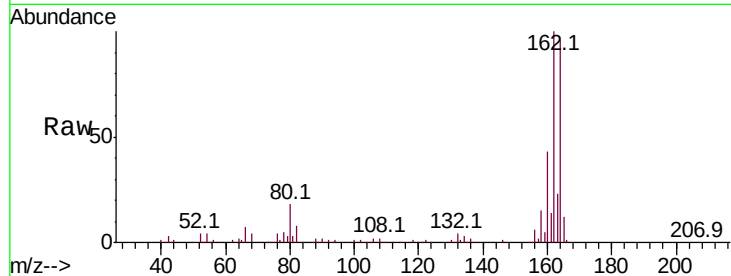
ClientSampleId :

PB126703BS

Tot Ion:	164	Resp:	174340
Ion Ratio	Lower	Upper	
164	100		
162	103.9	80.7	121.1
160	44.8	35.3	52.9

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.586 ng

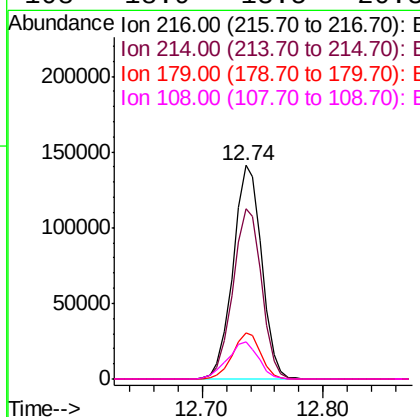
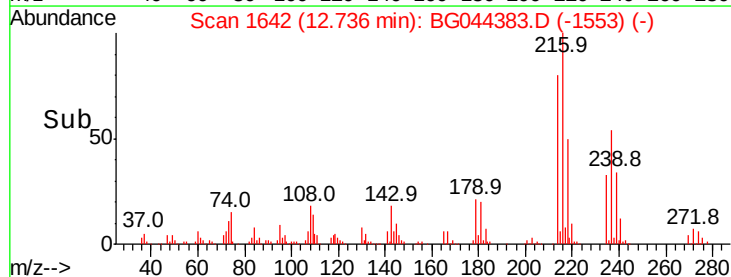
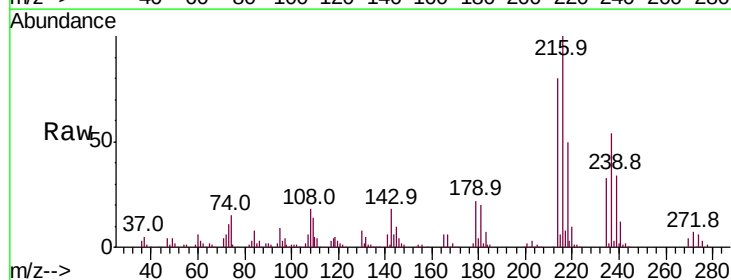
RT: 12.74 min Scan# 1642

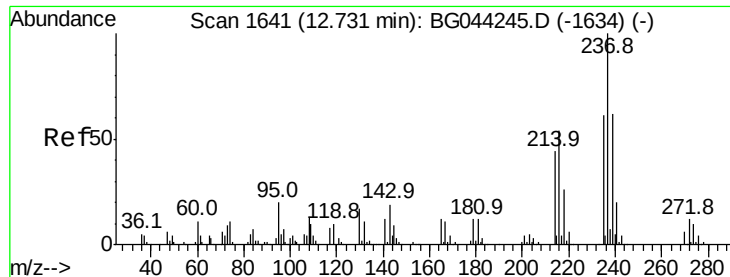
Delta R.T. -0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Tgt Ion:	216	Resp:	232521
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.0	94.6
179	21.0	16.2	24.4
108	18.9	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 112.620 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

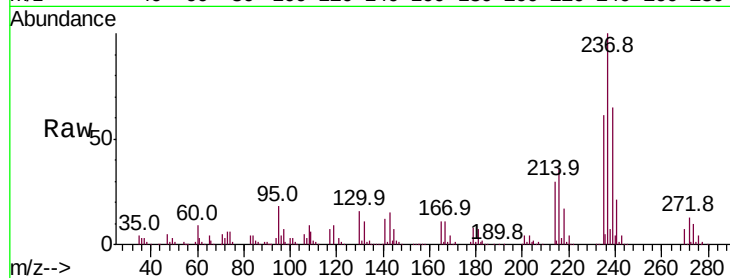
ClientSampleId :

PB126703BS

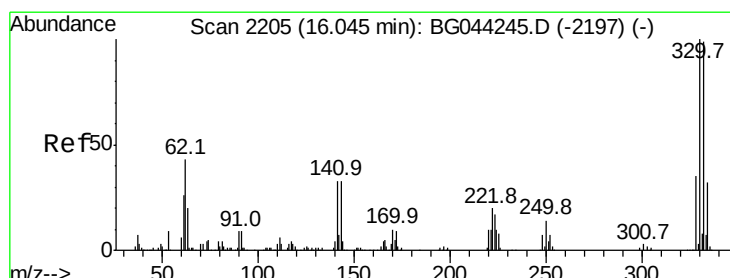
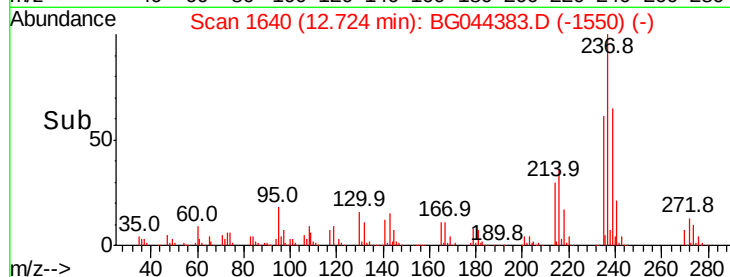
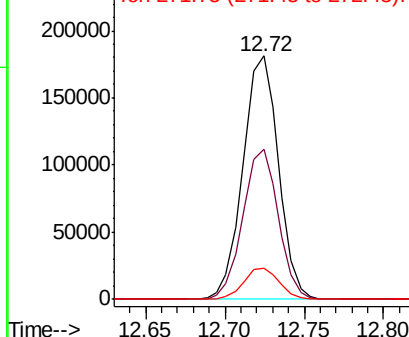
Tot Ion:	237	Resp:	281816
Ion Ratio	Lower	Upper	
237	100		
235	61.4	41.2	81.2
272	13.0	0.0	32.4

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM



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



#42

2,4,6-Tribromophenol

Concen: 96.071 ng

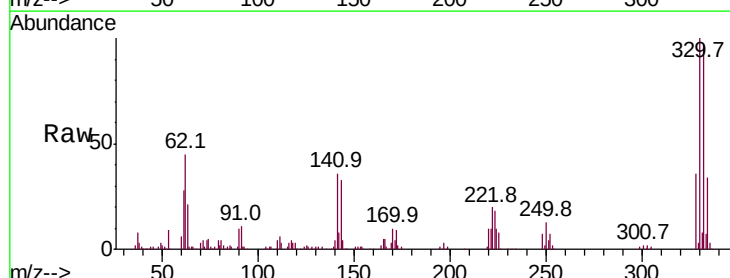
RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

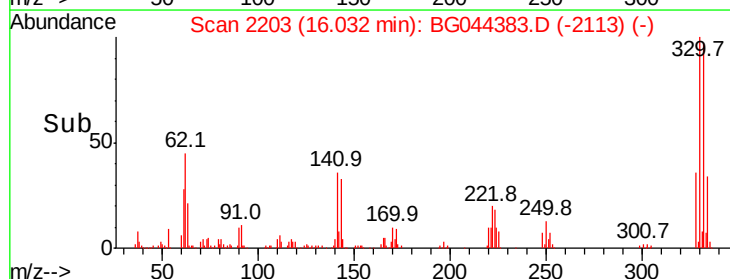
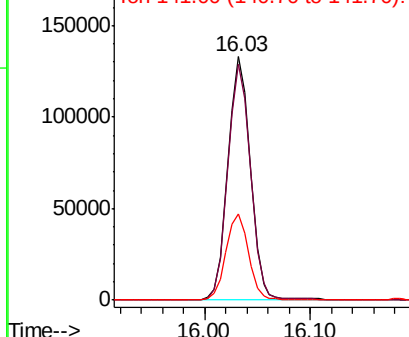
Lab File: BG044383.D

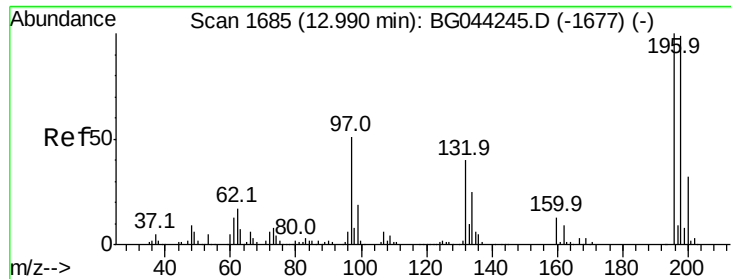
Acq: 11 Feb 2020 10:25

Tgt Ion:	330	Resp:	196623
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.2	115.8
141	35.6	28.3	42.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





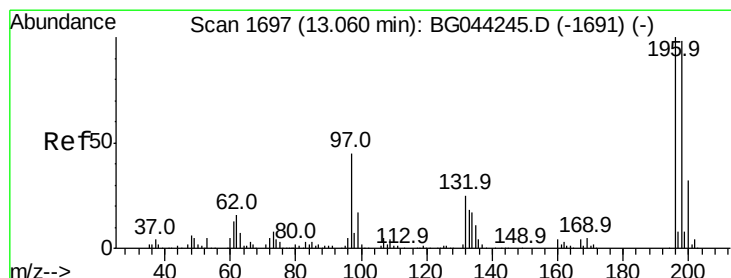
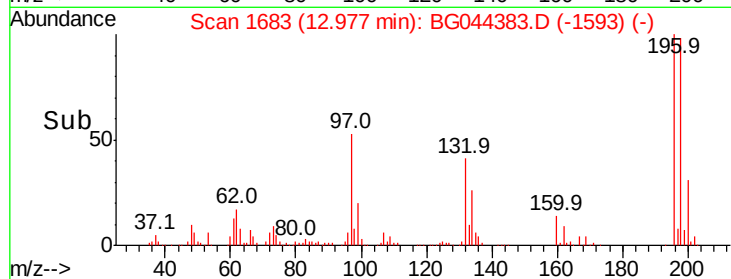
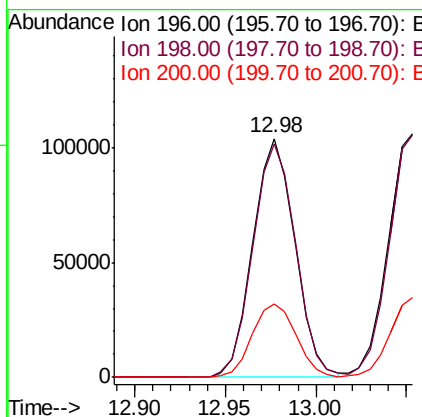
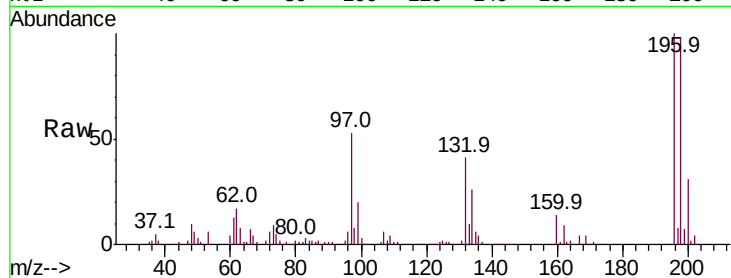
#43
 2,4,6-Trichlorophenol
 Concen: 49.793 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Instrument :
 BNA_G
 ClientSampled :
 PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	167846		
198	97.5	79.3	118.9	
200	30.9	25.7	38.5	

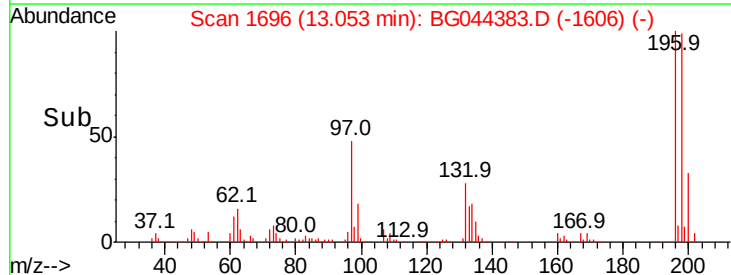
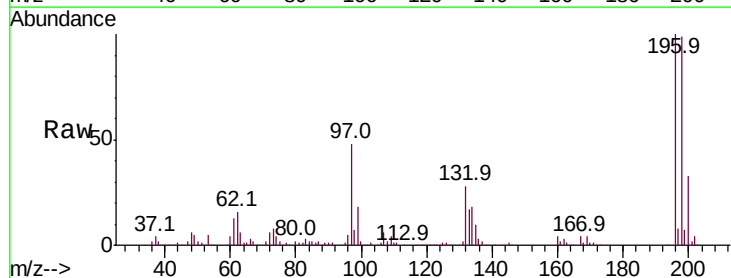
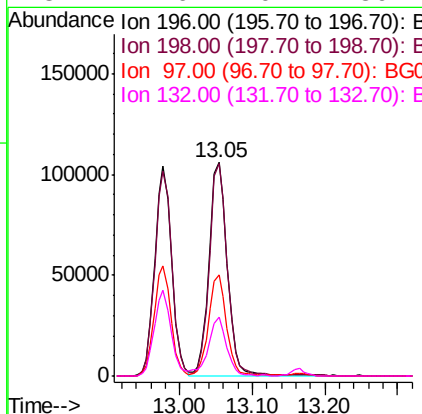
Manual Integrations
 APPROVED

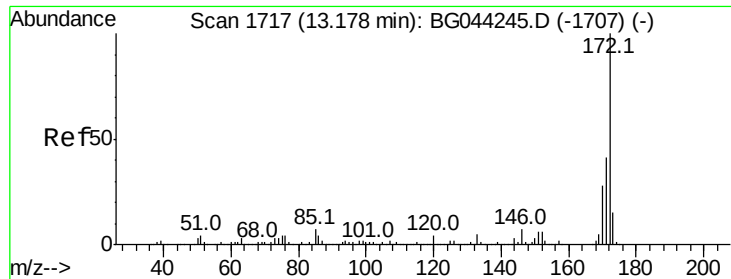
mohammad
 2/13/2020 10:29:34 AM



#44
 2,4,5-Trichlorophenol
 Concen: 54.346 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	187114		
198	99.4	78.2	117.2	
97	47.6	36.2	54.4	
132	27.6	20.2	30.4	





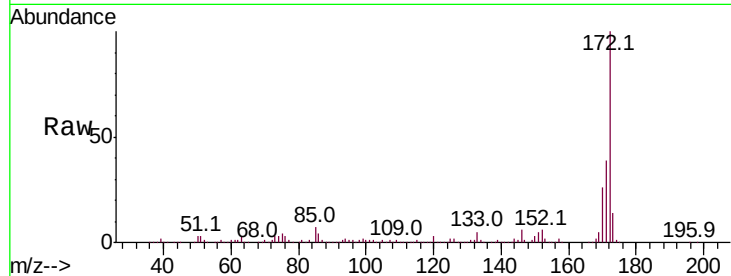
#45
2-Fluorobiphenyl
Concen: 86.018 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	895541		
171	38.8		32.9	49.3
170	25.7		22.0	33.0

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM

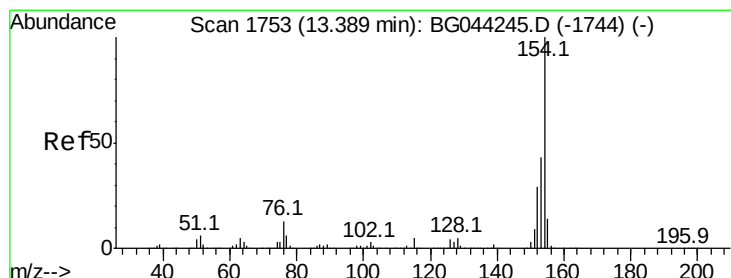
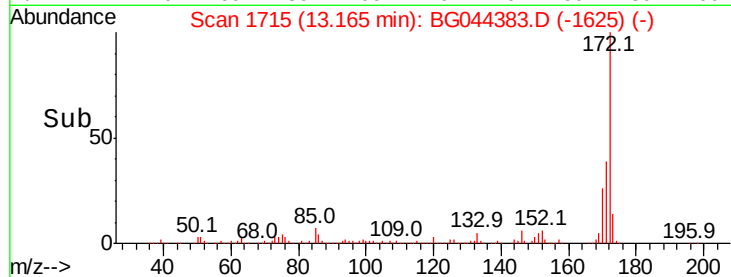
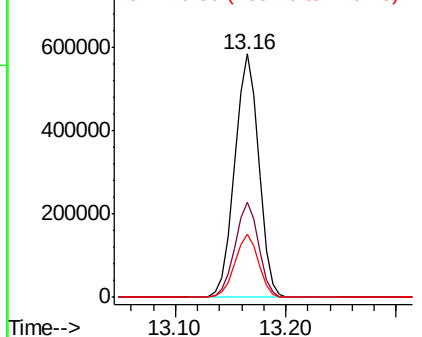


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.792 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

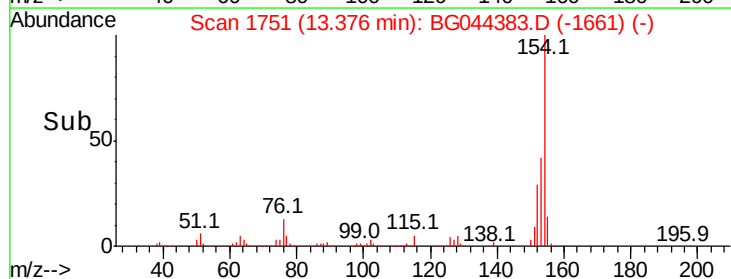
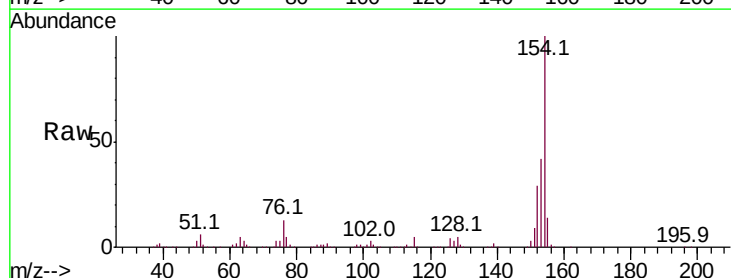
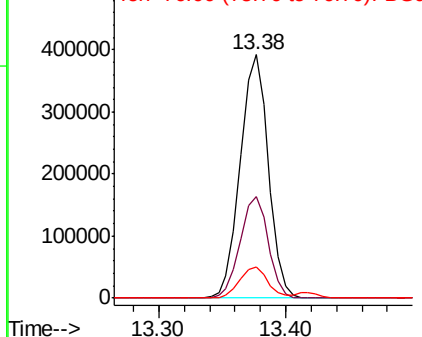
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	600994		
153	42.0		22.7	62.7
76	12.9		0.0	32.9

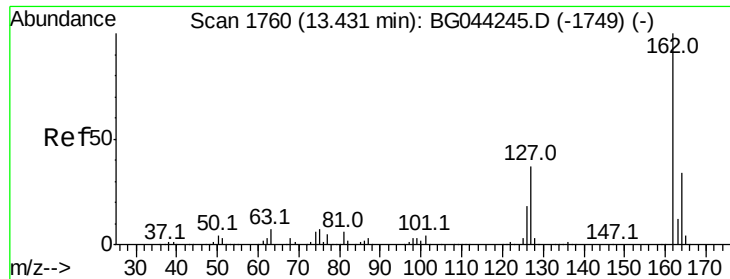
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





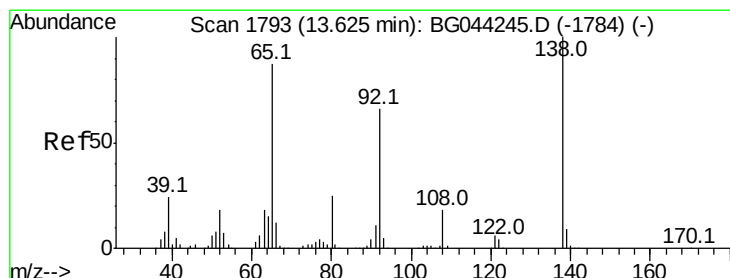
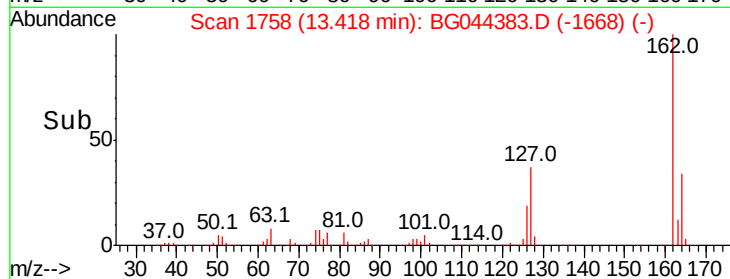
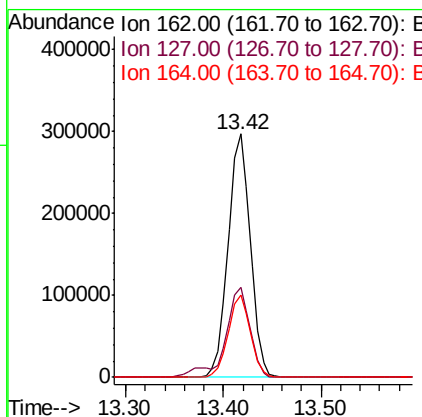
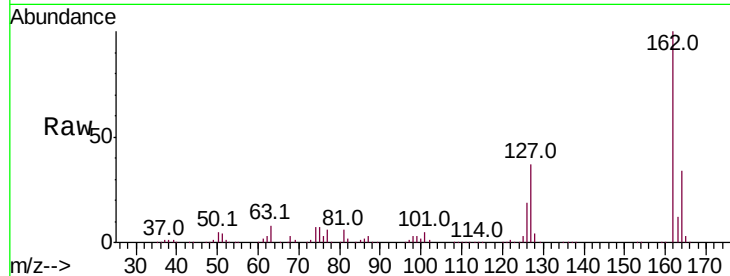
#47
 2-Chloronaphthalene
 Concen: 46.828 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	468596		
127	36.8		30.0	45.0
164	33.9		27.2	40.8

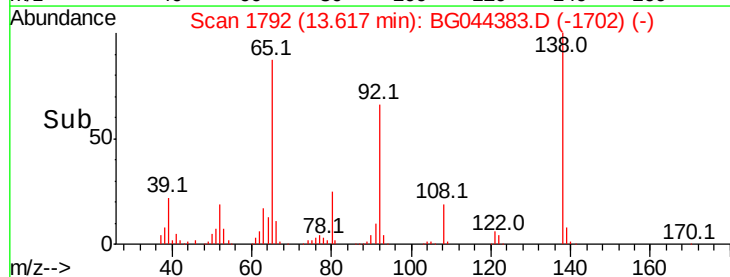
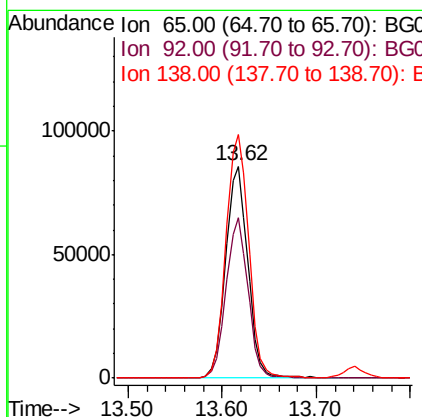
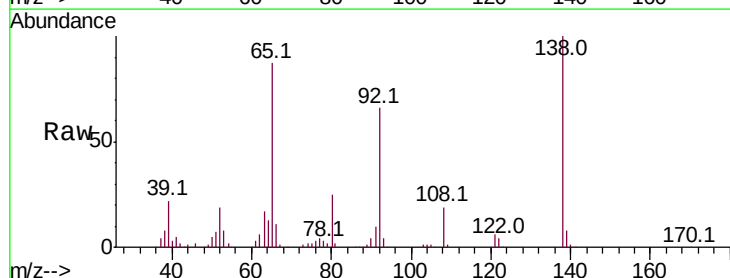
Manual Integrations
 APPROVED

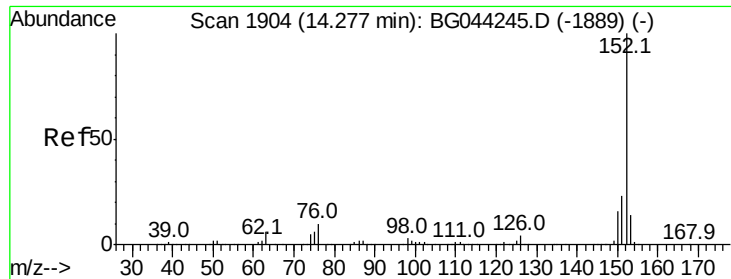
mohammad
 2/13/2020 10:29:34 AM



#48
 2-Nitroaniline
 Concen: 47.764 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	141056		
92	75.8		60.3	90.5
138	115.0		91.9	137.9





#49

Acenaphthylene

Concen: 51.049 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

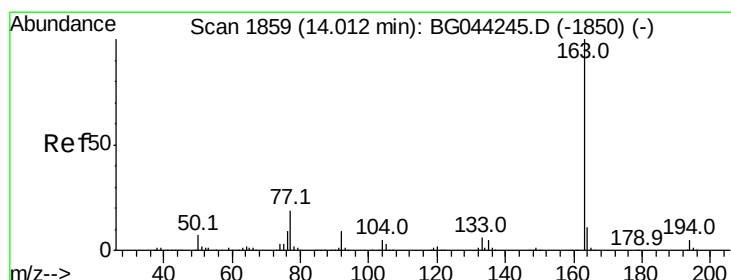
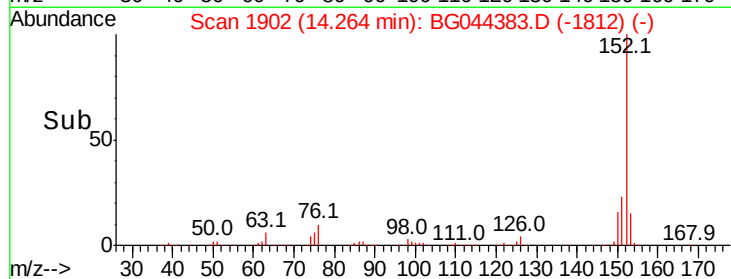
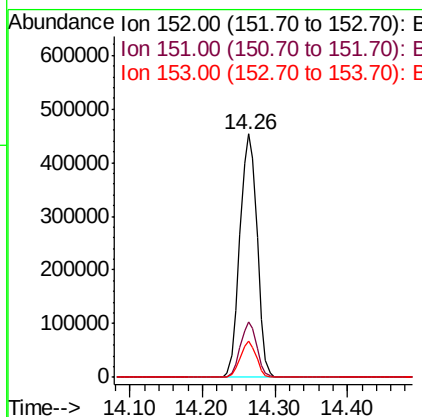
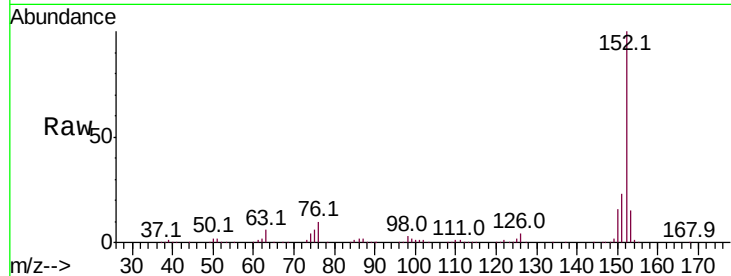
ClientSampleId :

PB126703BS

Tot Ion:	152	Resp:	749255
Ion Ratio	Lower	Upper	
152	100		
151	22.6	18.1	27.1
153	14.9	11.5	17.3

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM



#50

Dimethylphthalate

Concen: 49.168 ng

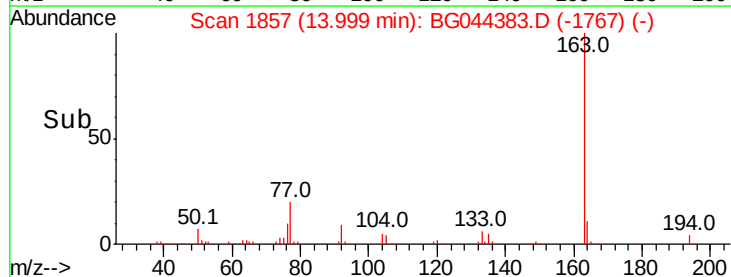
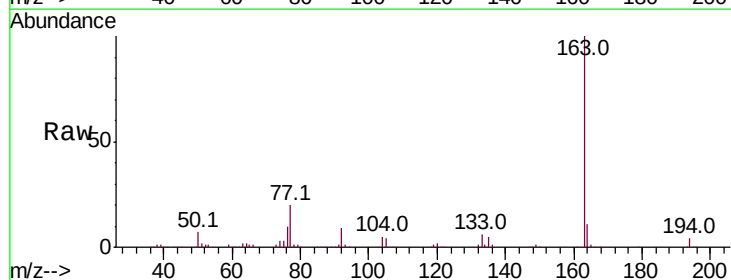
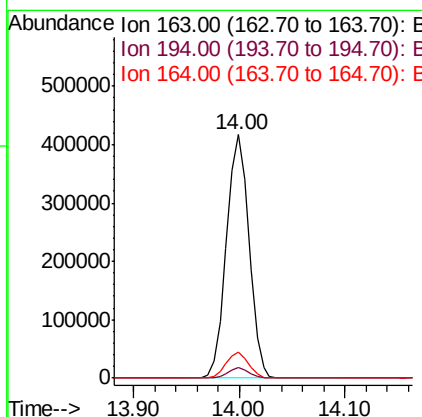
RT: 14.00 min Scan# 1857

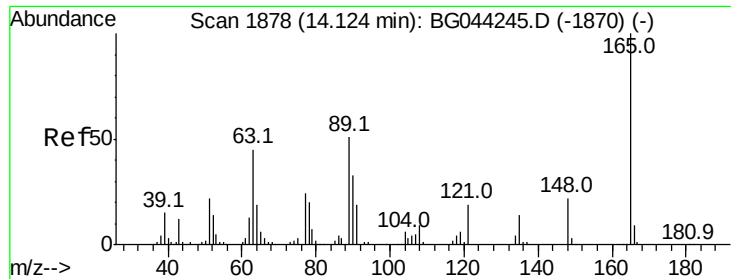
Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Tgt Ion:	163	Resp:	616181
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.7	8.7	13.1





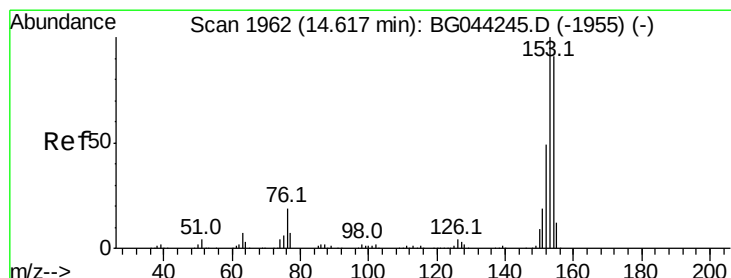
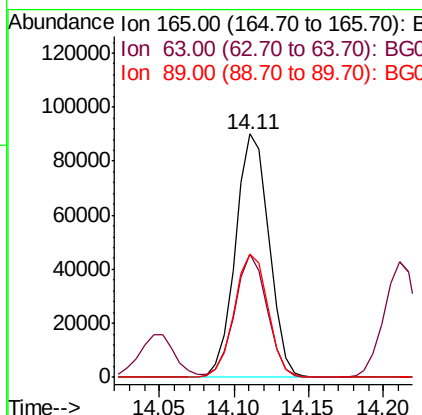
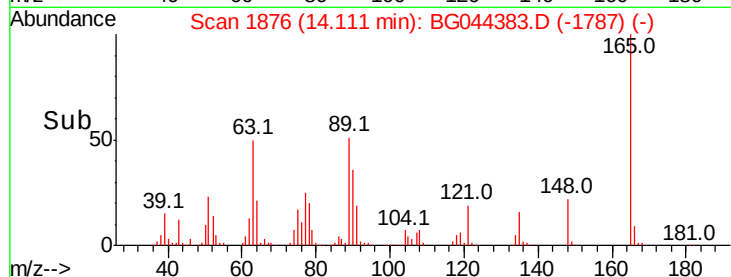
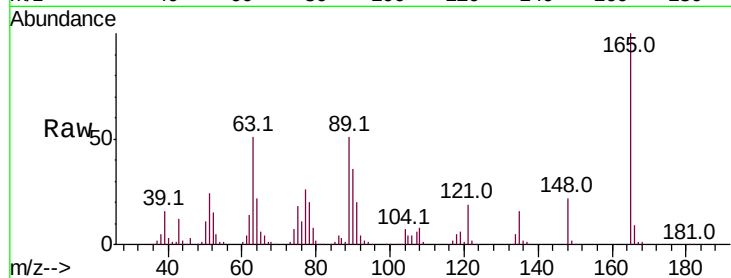
#51
 2,6-Dinitrotoluene
 Concen: 50.230 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	38.7	58.1
89	50.8	40.4	60.6

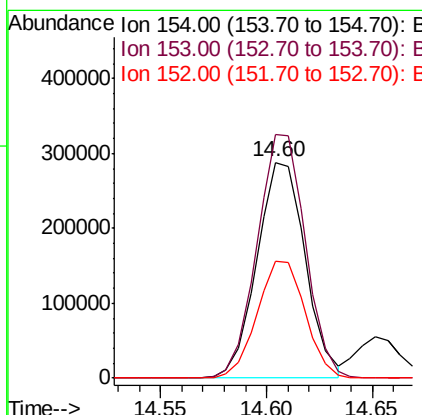
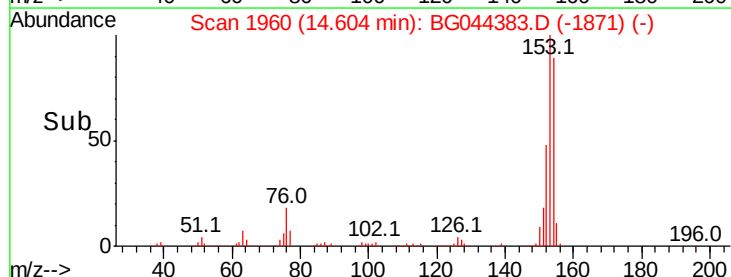
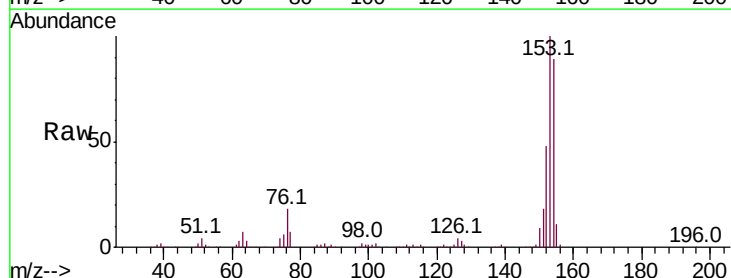
Manual Integrations
 APPROVED

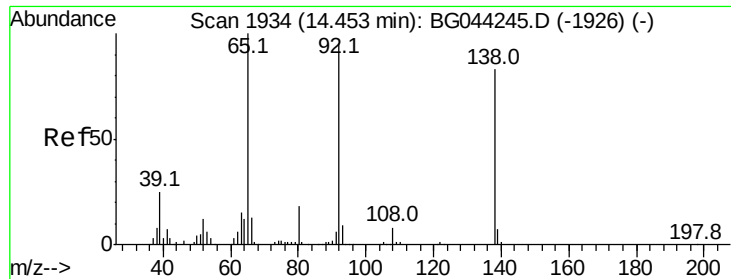
mohammad
 2/13/2020 10:29:34 AM



#52
 Acenaphthene
 Concen: 48.277 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	87.9	131.9
152	54.4	43.1	64.7





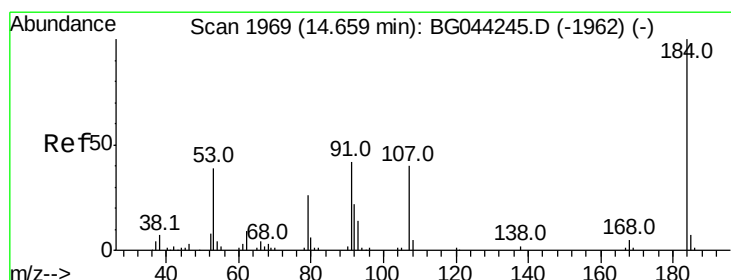
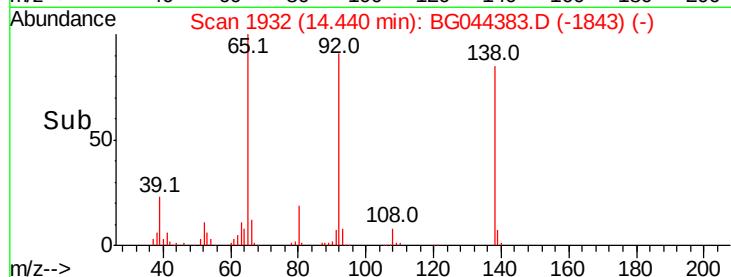
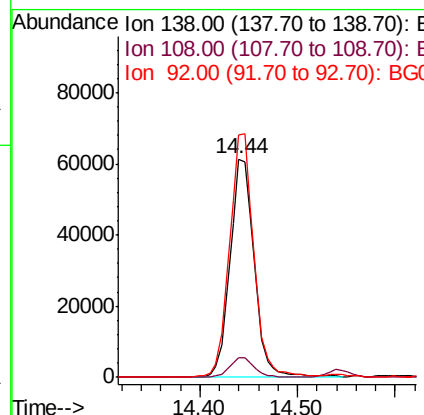
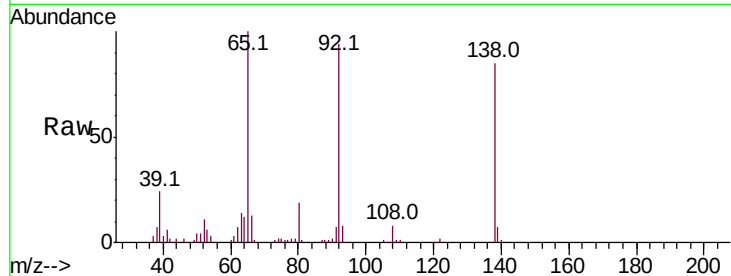
#53
3-Nitroaniline
Concen: 34.260 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.9	11.9
92	111.0	91.0	136.4

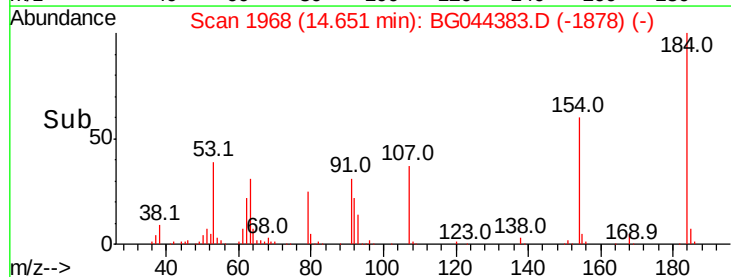
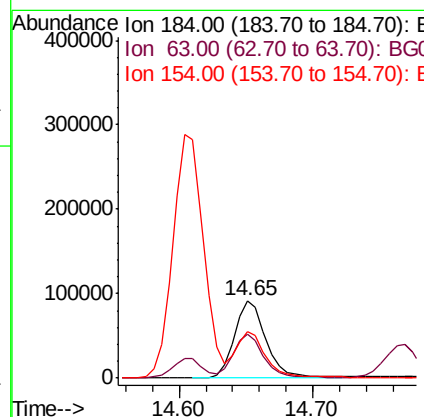
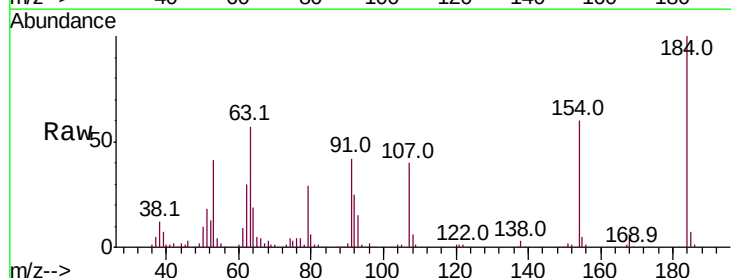
Manual Integrations
APPROVED

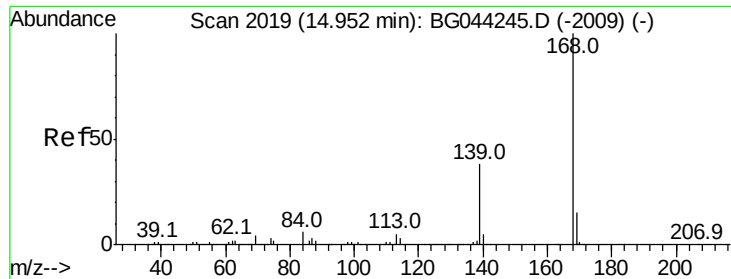
mohammad
2/13/2020 10:29:34 AM



#54
2,4-Dinitrophenol
Concen: 90.336 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	44.1	66.1
154	60.4	45.4	68.0





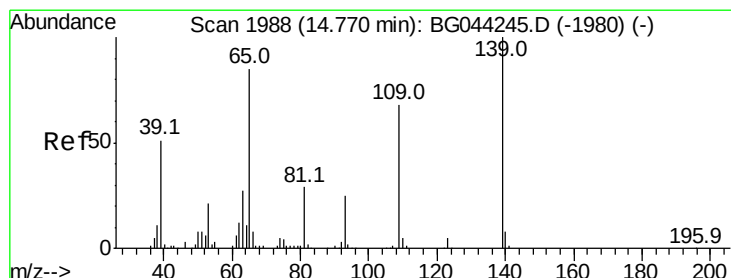
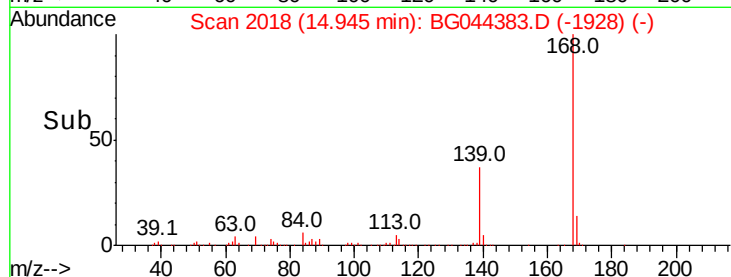
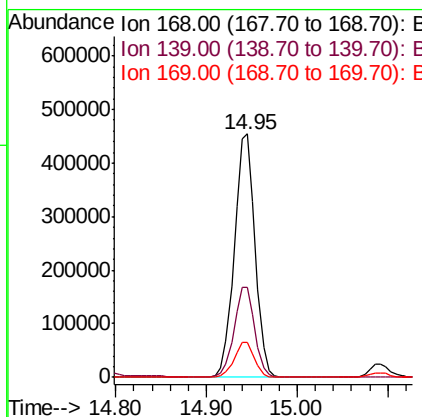
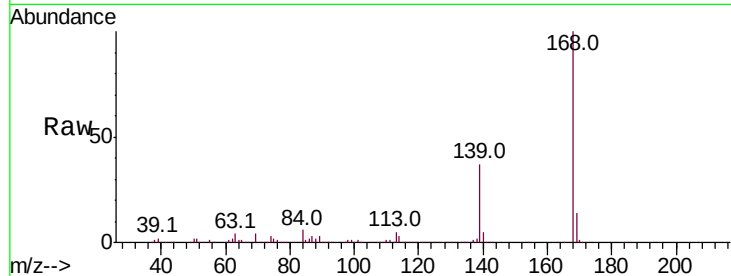
#55
Dibenzenofuran
Concen: 50.106 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.5	45.7
169	14.3	11.7	17.5

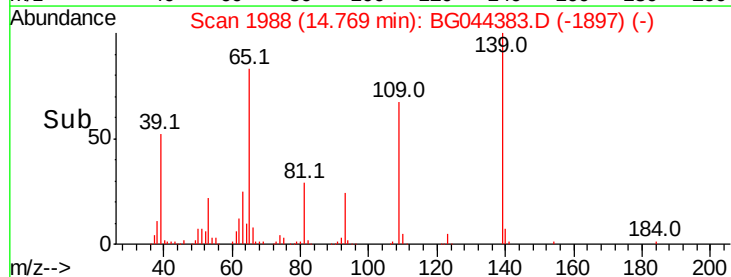
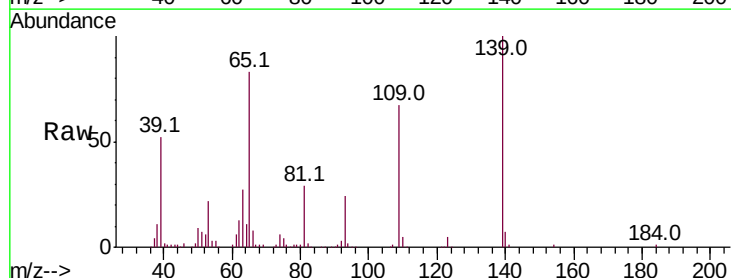
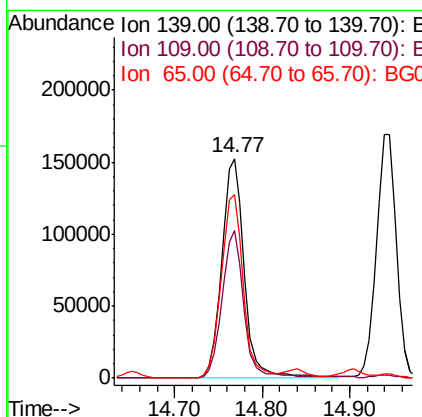
Manual Integrations
APPROVED

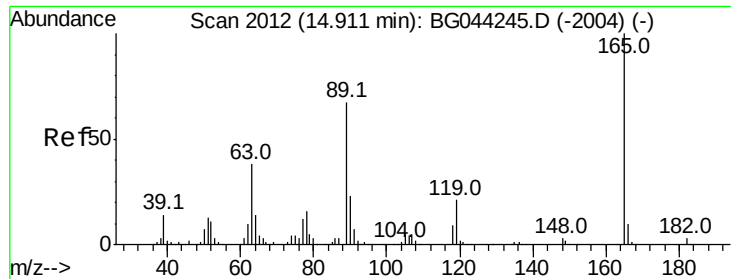
mohammad
2/13/2020 10:29:34 AM



#56
4-Nitrophenol
Concen: 120.149 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	47.5	87.5
65	83.3	64.9	104.9





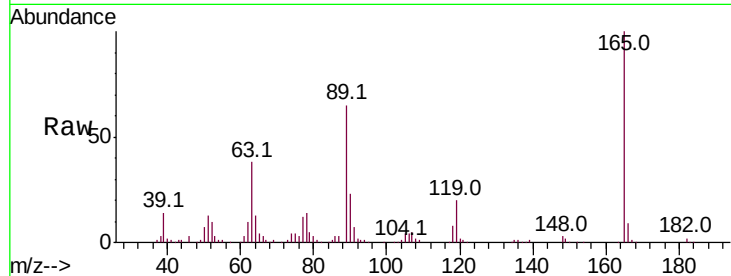
#57
2,4-Dinitrotoluene
Concen: 51.572 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

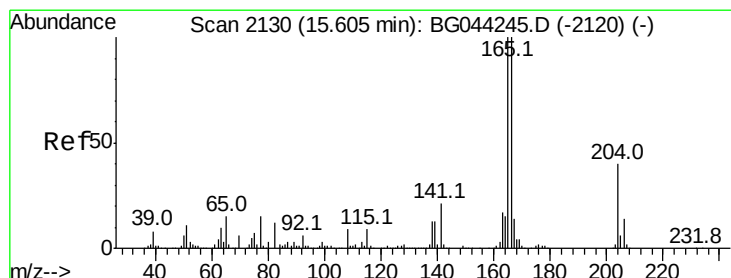
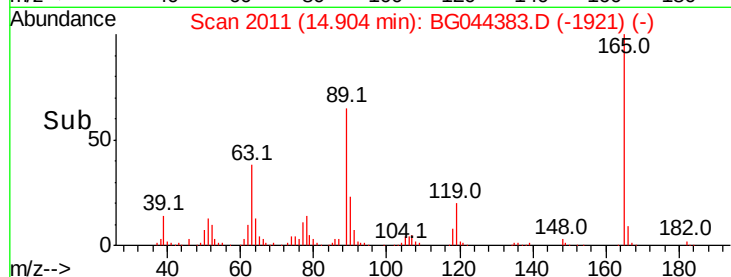
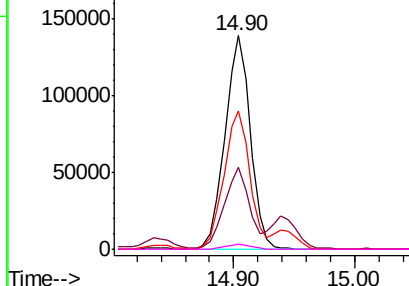
Tot Ion	Ratio	Resp	Lower	Upper
165	100	201972		
63	38.2		30.3	45.5
89	64.8		53.4	80.2
182	2.4		2.1	3.1

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM

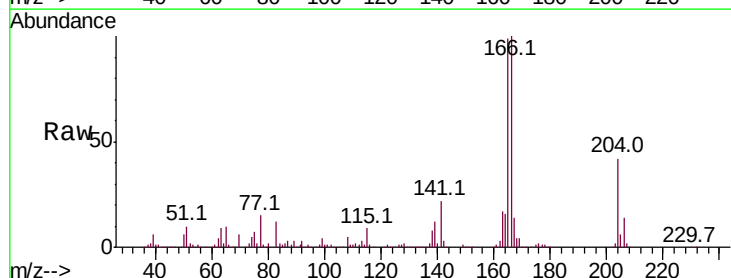


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

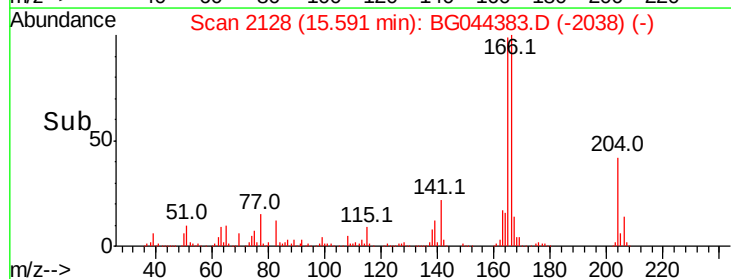
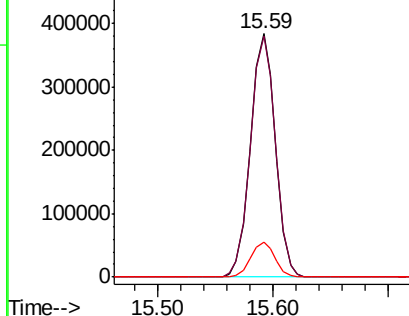


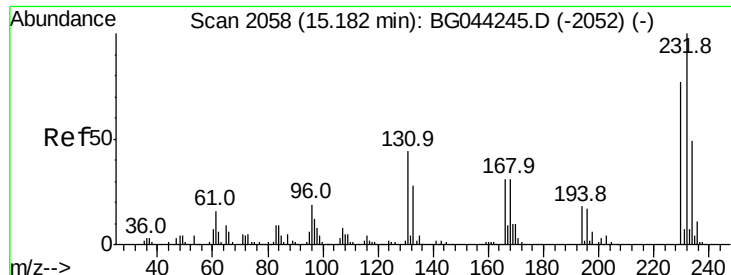
#58
Fluorene
Concen: 50.741 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	575642		
165	99.0		79.9	119.9
167	14.2		11.4	17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.976 ng

RT: 15.17 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

ClientSampleId :

PB126703BS

Tot Ion:232 Resp: 164753

Ion Ratio Lower Upper

232 100

131 43.1 34.2 51.4

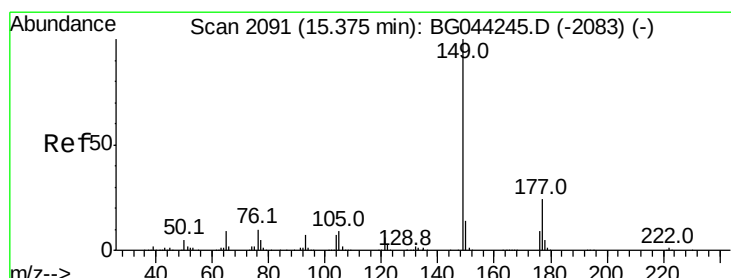
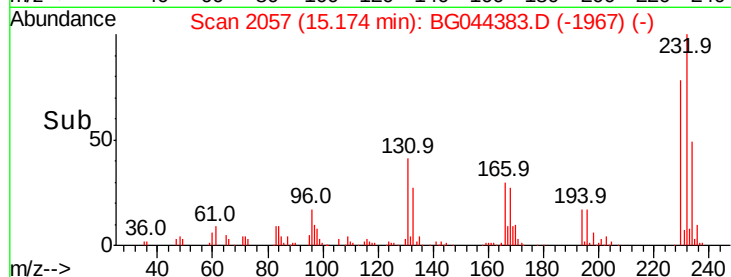
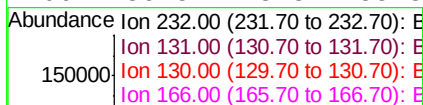
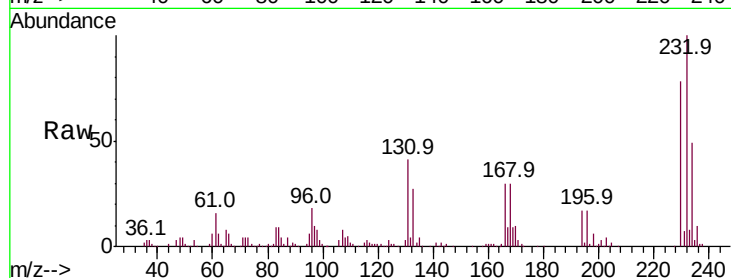
130 2.5 1.8 2.8

166 30.5 23.8 35.8

Manual Integrations
APPROVED

mohammad

2/13/2020 10:29:34 AM



#60

Diethylphthalate

Concen: 50.761 ng

RT: 15.37 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

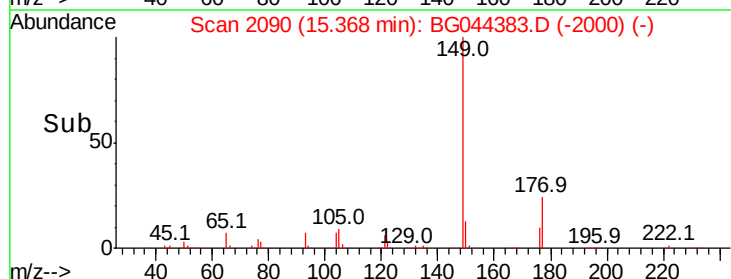
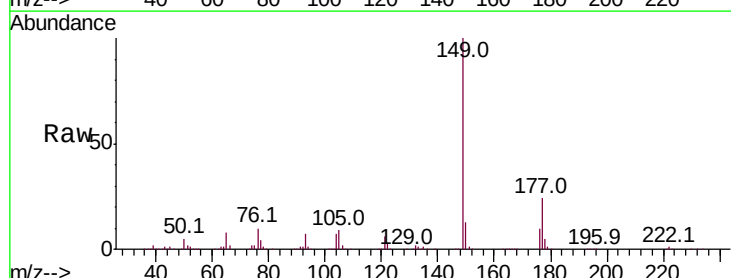
Tgt Ion:149 Resp: 633861

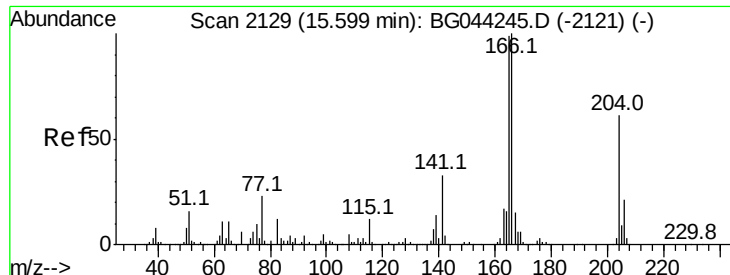
Ion Ratio Lower Upper

149 100

177 23.9 19.4 29.0

150 12.5 10.9 16.3





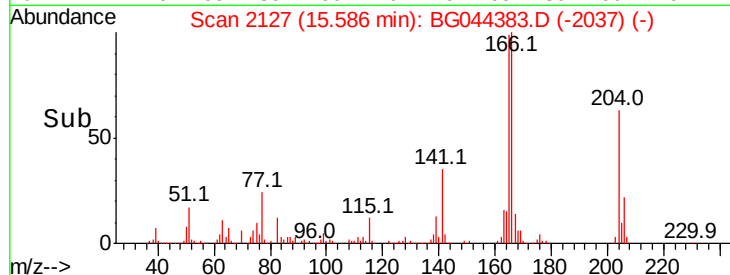
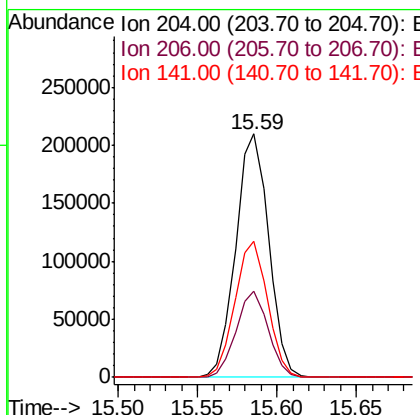
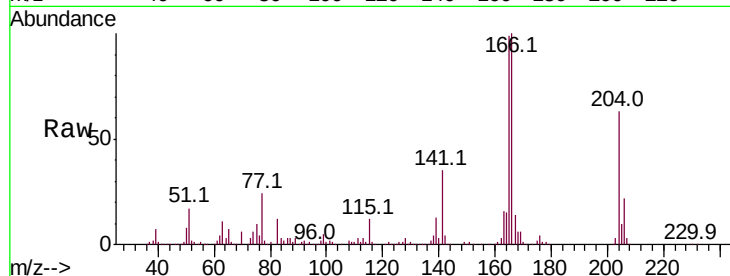
#61
4-Chlorophenyl-phenylether
Concen: 49.172 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	27.6	41.4
141	56.1	43.4	65.0

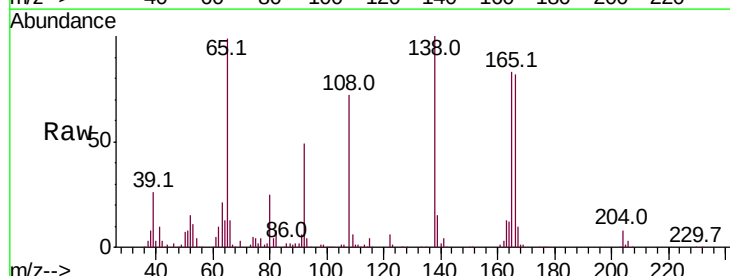
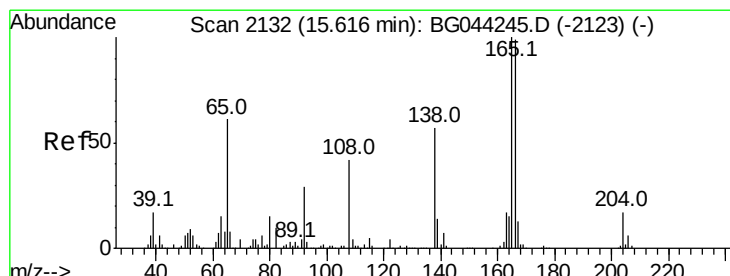
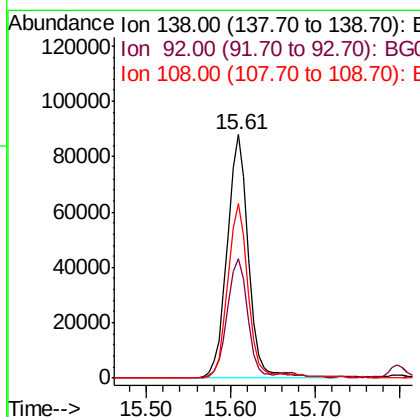
Manual Integrations
APPROVED

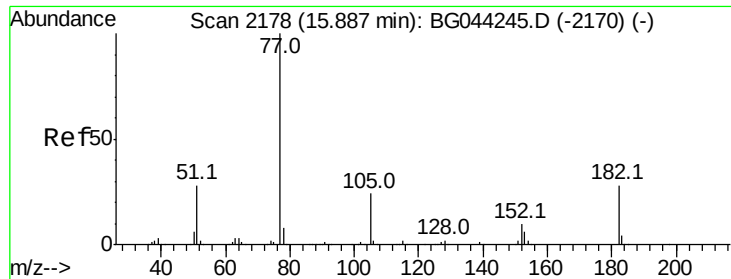
mohammad
2/13/2020 10:29:34 AM



#62
4-Nitroaniline
Concen: 49.467 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	31.3	71.3
108	71.7	52.6	92.6





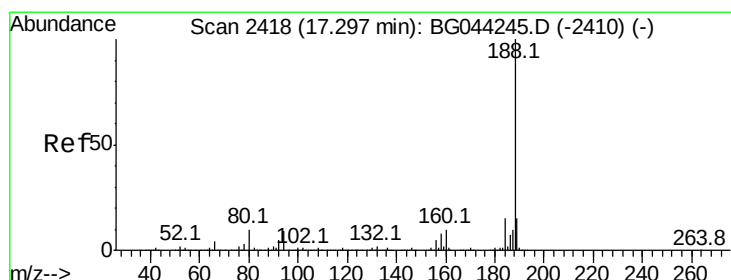
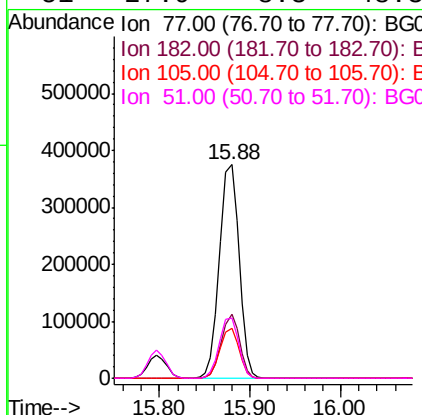
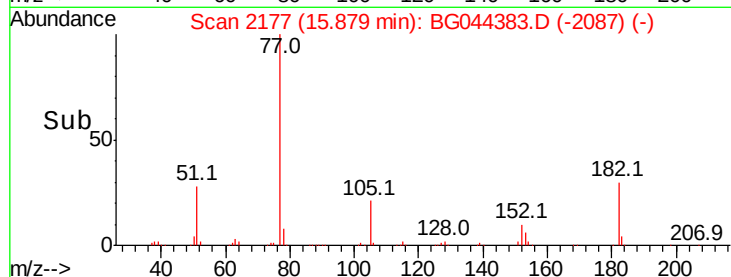
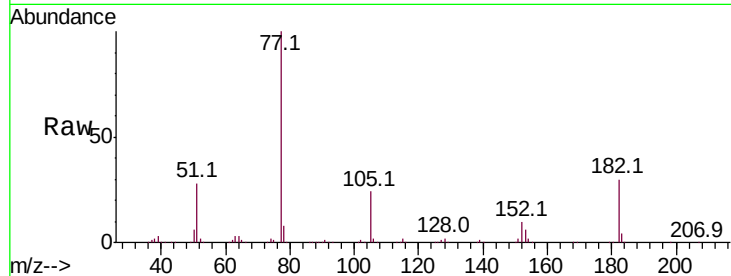
#63
Azobenzene
Concen: 51.695 ng
RT: 15.88 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.8	8.2	48.2		
105	23.6	3.6	43.6		
51	27.9	8.3	48.3		

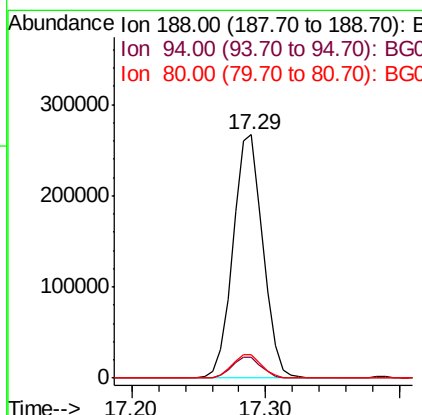
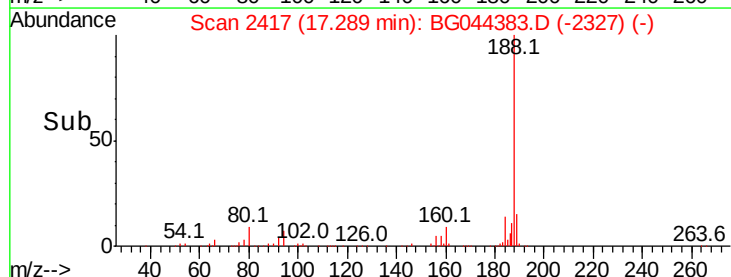
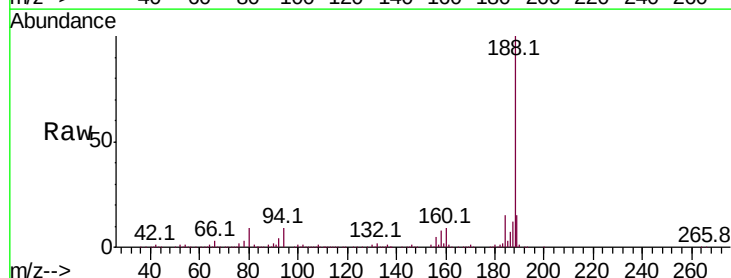
Manual Integrations
APPROVED

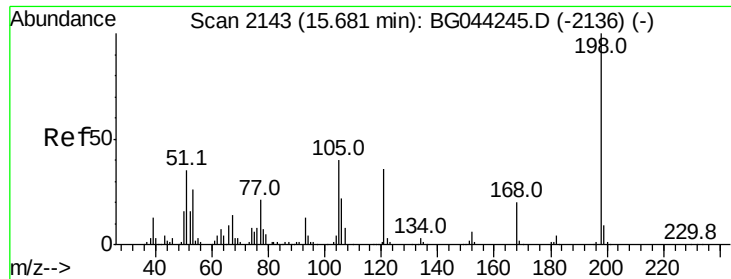
mohammad
2/13/2020 10:29:34 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.6	7.4	11.2		
80	9.4	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 52.918 ng

RT: 15.67 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

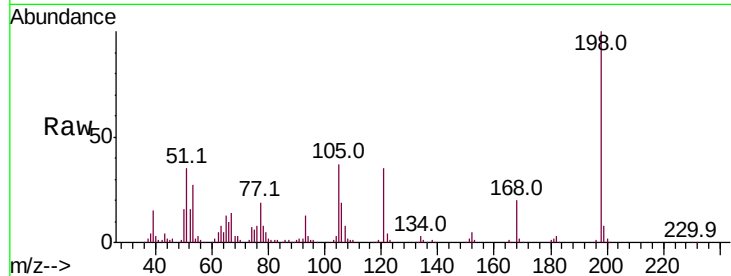
ClientSampleId :

PB126703BS

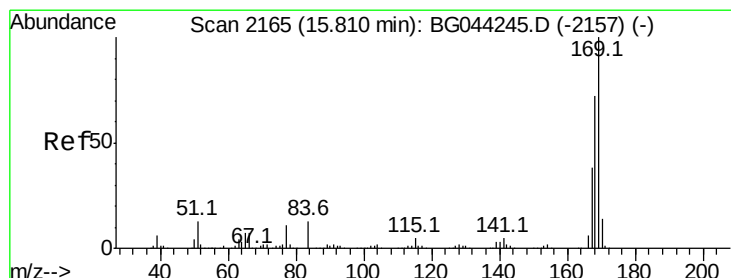
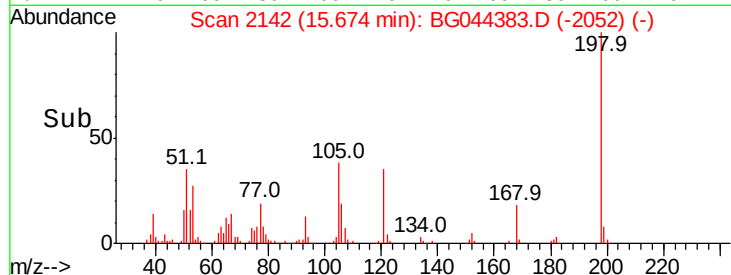
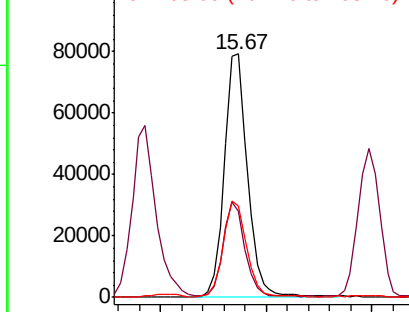
Tot Ion:	198	Resp:	120642
Ion Ratio	Lower	Upper	
198	100		
51	35.4	16.6	56.6
105	37.5	20.6	60.6

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM



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



#66

n-Nitrosodiphenylamine

Concen: 47.778 ng

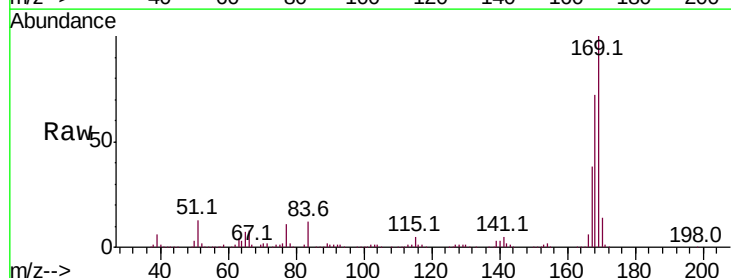
RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

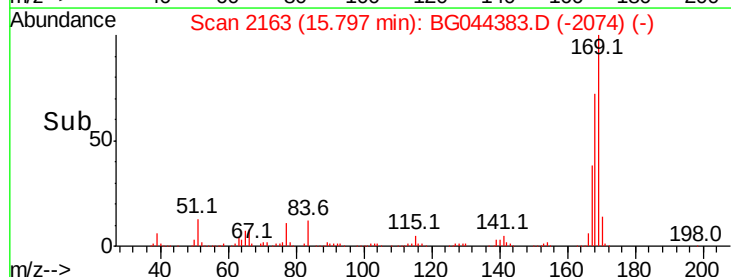
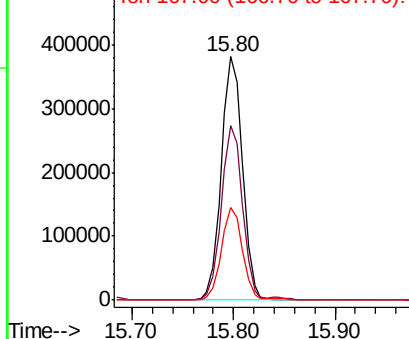
Lab File: BG044383.D

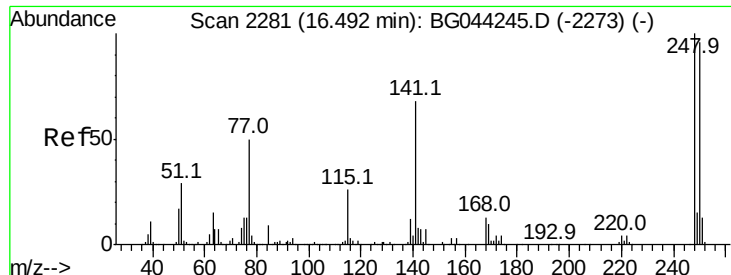
Acq: 11 Feb 2020 10:25

Tgt Ion:	169	Resp:	552996
Ion Ratio	Lower	Upper	
169	100		
168	71.8	57.9	86.9
167	38.2	30.7	46.1



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





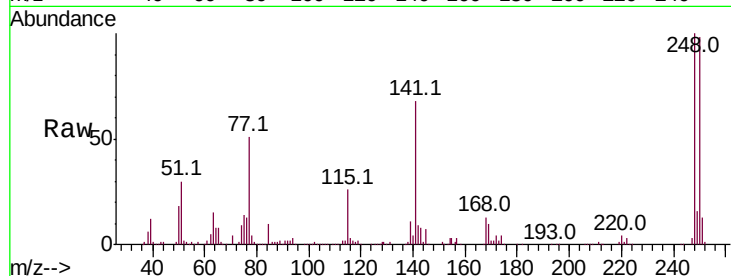
#67
 4-Bromophenyl-phenylether
 Concen: 45.000 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	202488		
250	98.1	76.6	114.8	
141	68.4	54.7	82.1	

Manual Integrations
 APPROVED

mohammad
 2/13/2020 10:29:34 AM

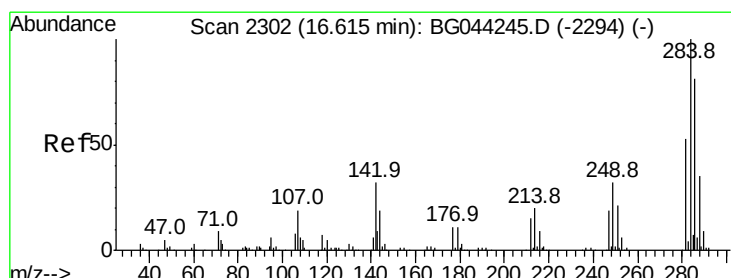
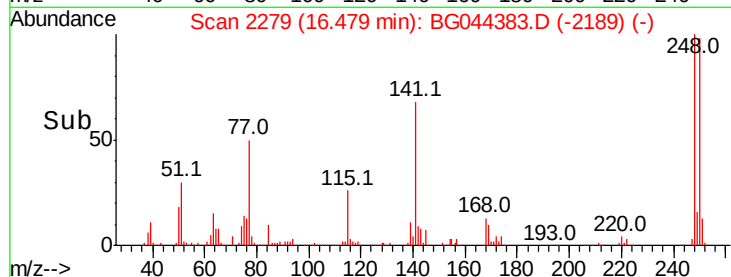
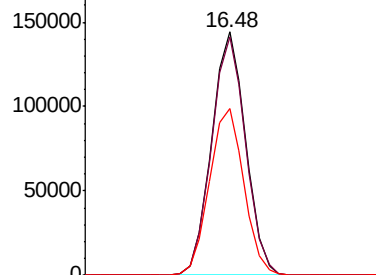


Abundance

Ion 248.00 (247.70 to 248.70): E

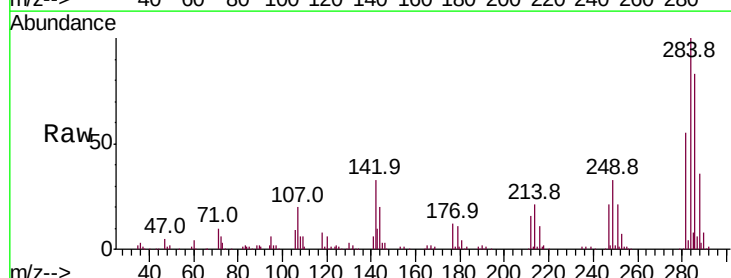
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.585 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	219721		
142	33.4	25.3	37.9	
249	32.8	25.5	38.3	

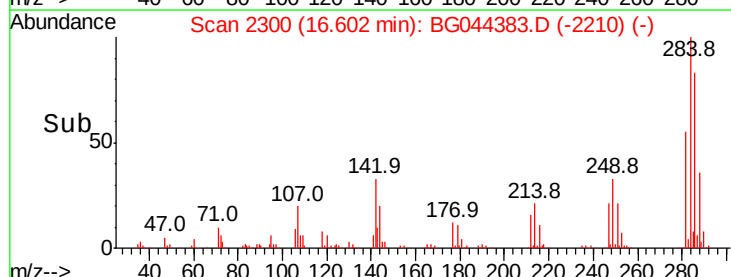
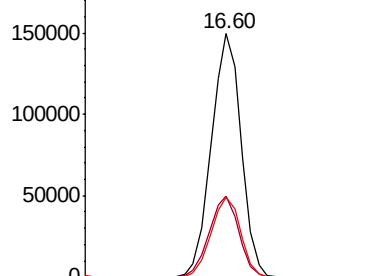


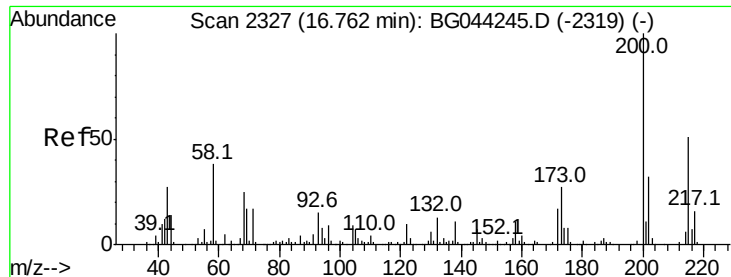
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





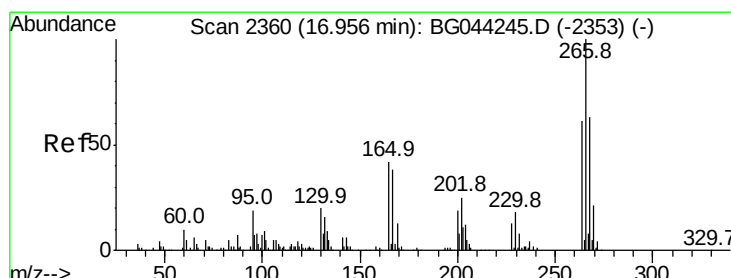
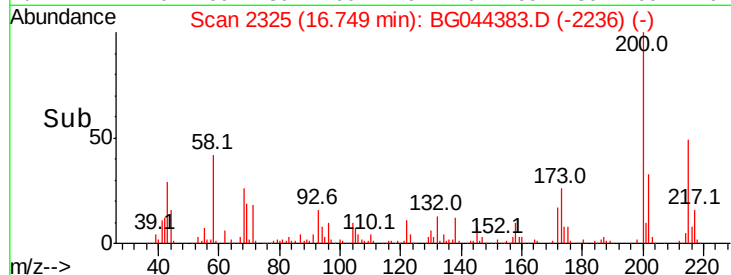
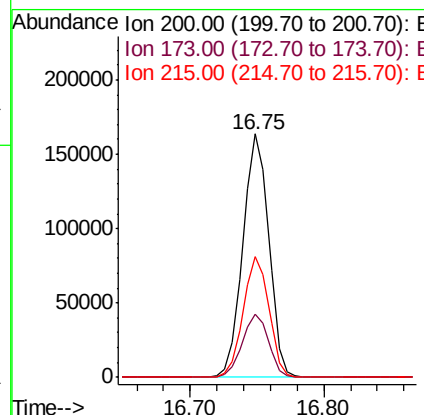
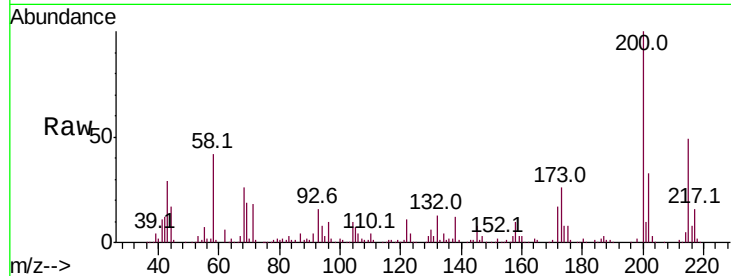
#69
Atrazine
Concen: 55.474 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	220073		
173	25.7	6.6	46.6	
215	49.4	31.0	71.0	

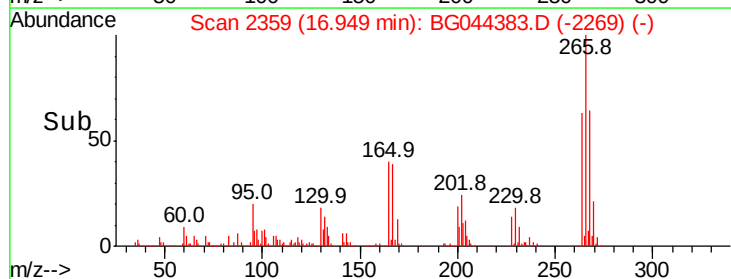
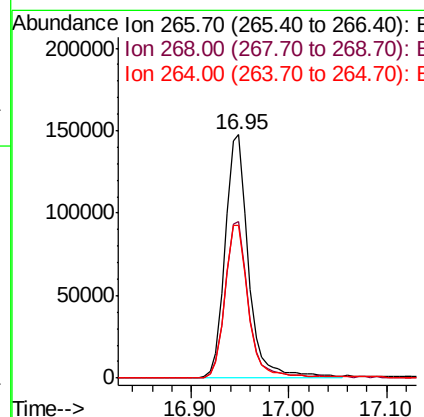
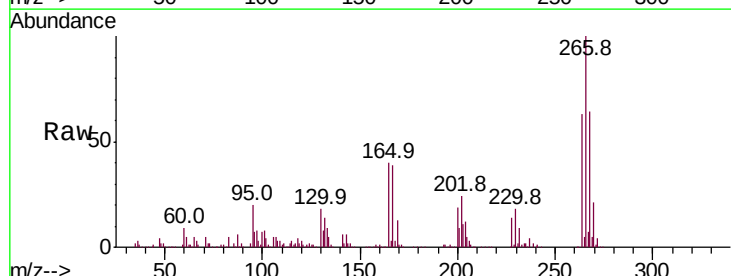
Manual Integrations
APPROVED

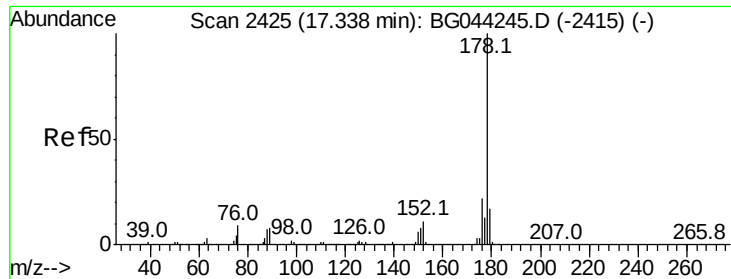
mohammad
2/13/2020 10:29:34 AM



#70
Pentachlorophenol
Concen: 96.066 ng
RT: 16.95 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	246571		
268	64.1	50.6	75.8	
264	62.7	48.7	73.1	





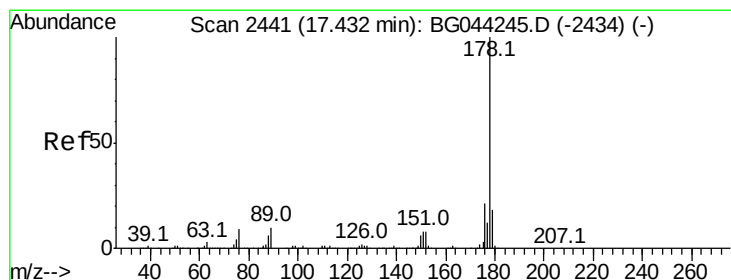
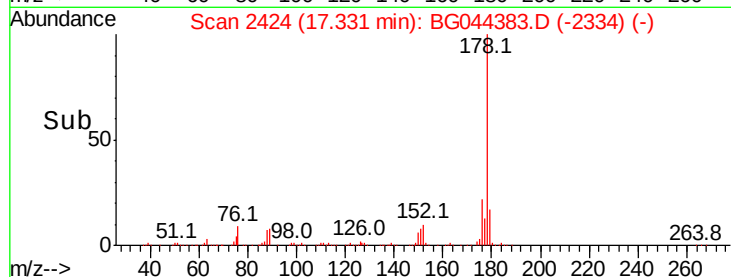
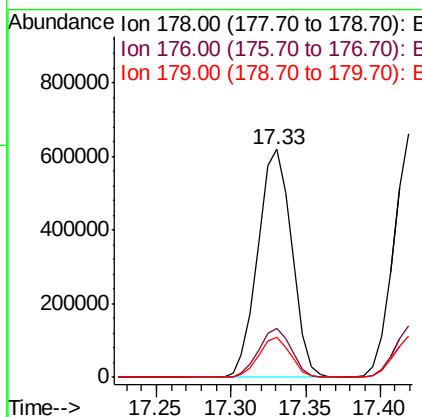
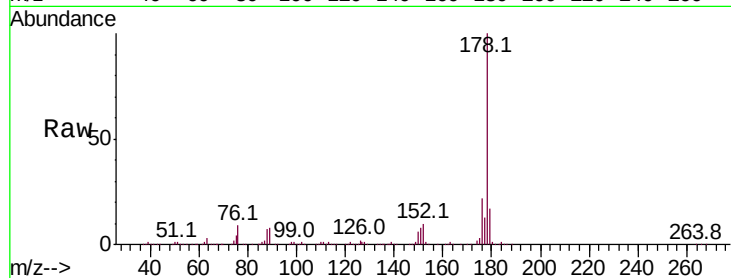
#71
Phenanthrene
Concen: 48.572 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.7	17.7	26.5
179	17.3	13.7	20.5

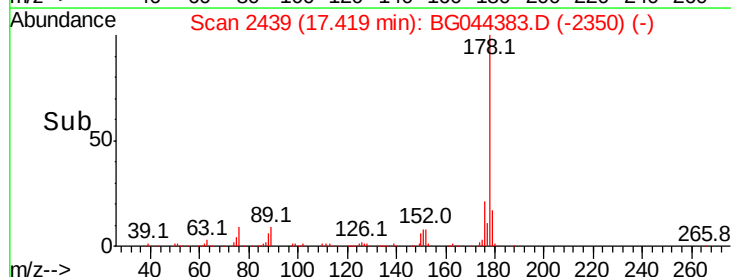
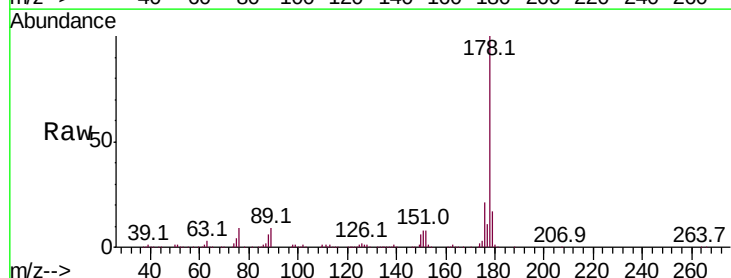
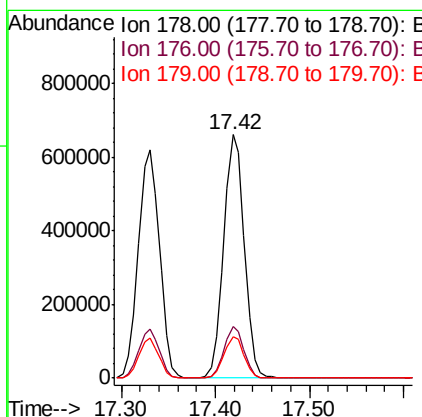
Manual Integrations
APPROVED

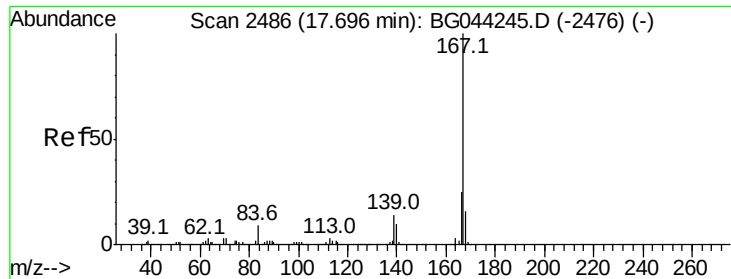
mohammad
2/13/2020 10:29:34 AM



#72
Anthracene
Concen: 50.946 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.0	25.4
179	17.2	14.4	21.6





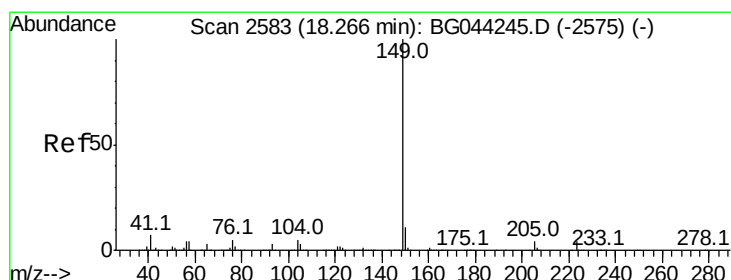
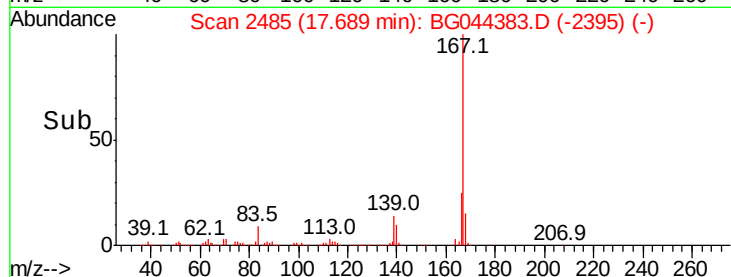
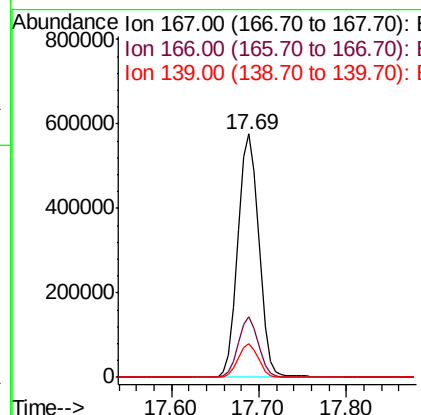
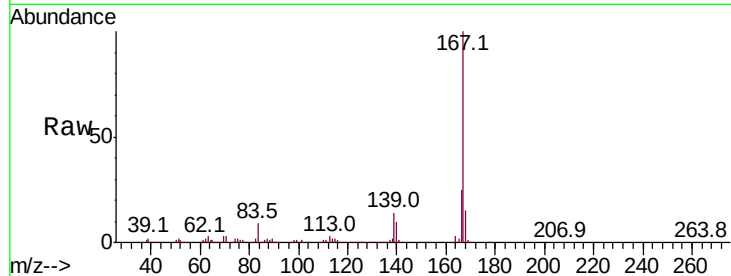
#73
 Carbazole
 Concen: 51.439 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	24.7	19.8	29.6	
139	13.9	11.1	16.7	

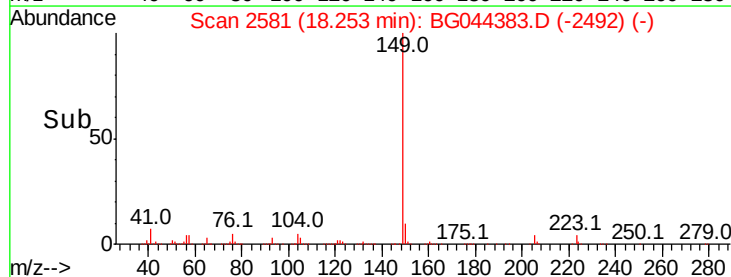
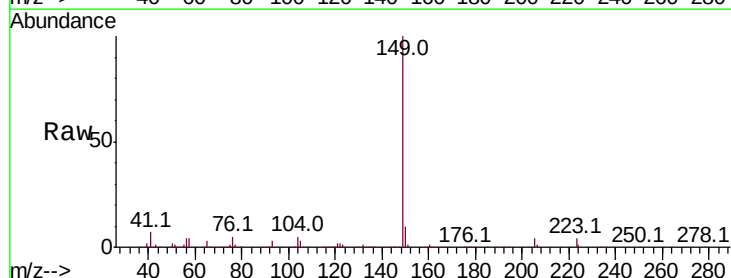
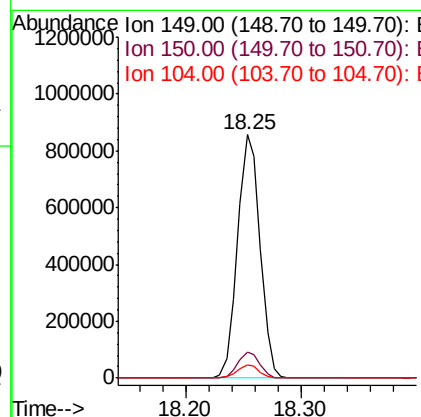
Manual Integrations
 APPROVED

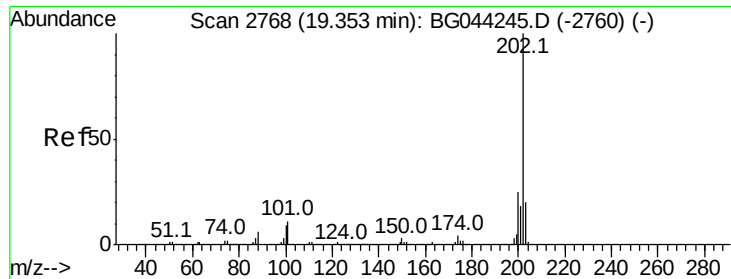
mohammad
 2/13/2020 10:29:34 AM



#74
 Di-n-butylphthalate
 Concen: 51.268 ng
 RT: 18.25 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.5	8.7	13.1	
104	5.4	4.3	6.5	





#75

Fluoranthene

Concen: 51.779 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

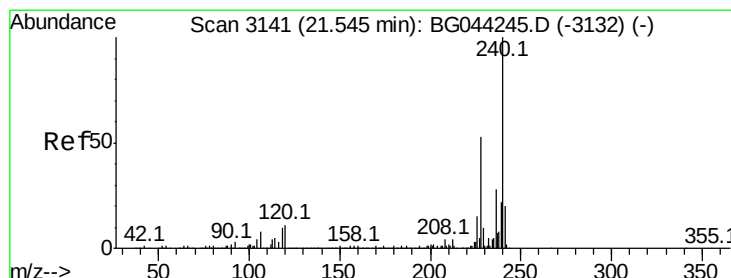
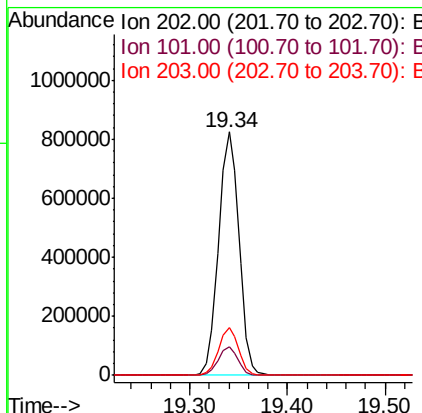
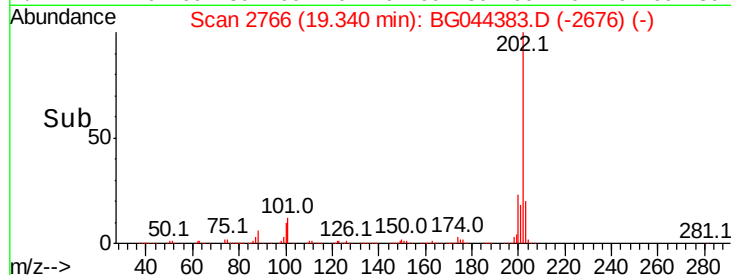
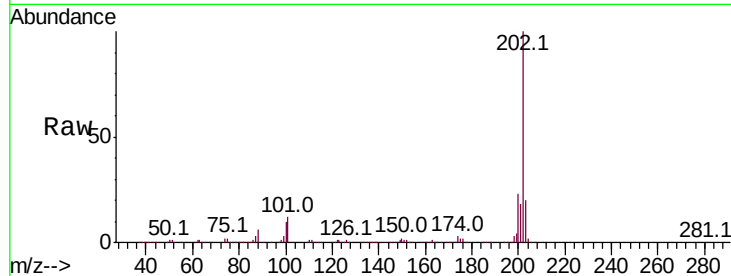
ClientSampleId :

PB126703BS

Tot Ion:	202	Resp:	1197934
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.3
203	19.7	0.0	39.9

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM



#76

Chrysene-d12

Concen: 20.000 ng

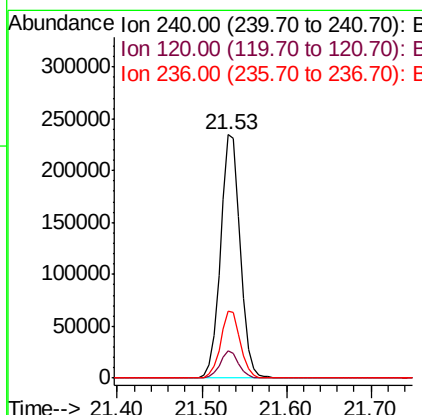
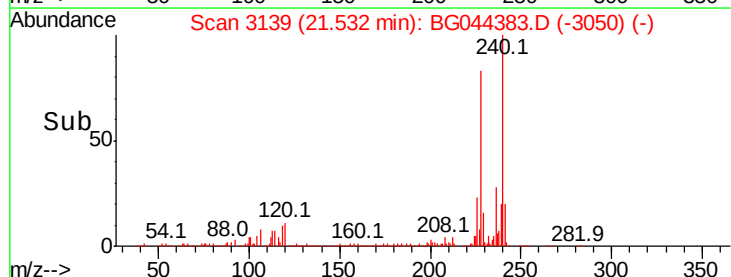
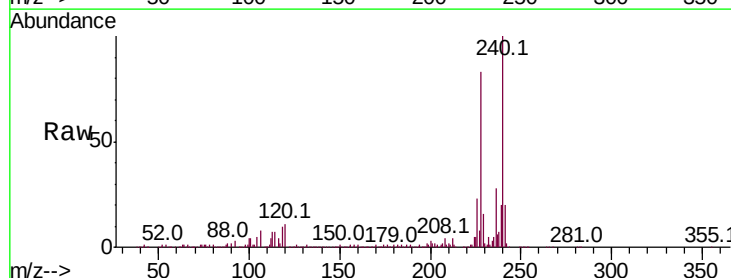
RT: 21.53 min Scan# 3139

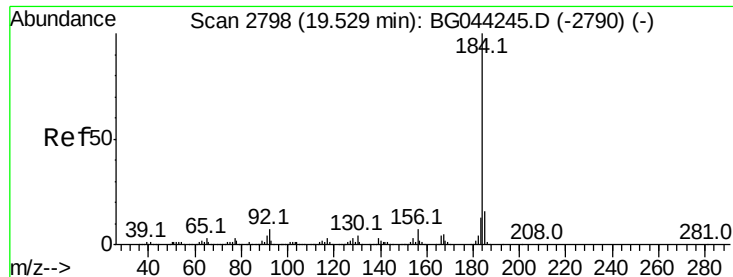
Delta R.T. -0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Tgt Ion:	240	Resp:	379532
Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	27.6	22.1	33.1





#77

Benzidine

Concen: 57.934 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

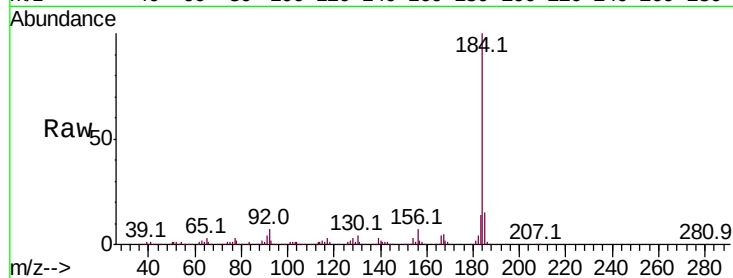
ClientSampleId :

PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.4	12.9	19.3	
183	13.5	10.8	16.2	

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM

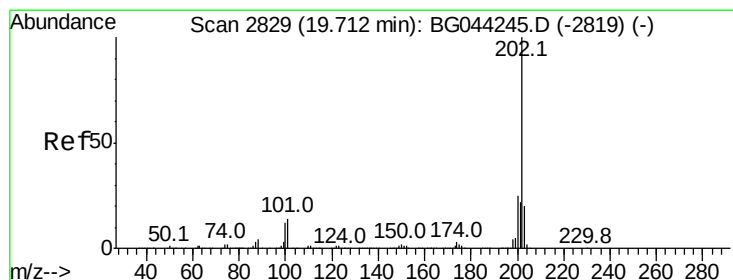
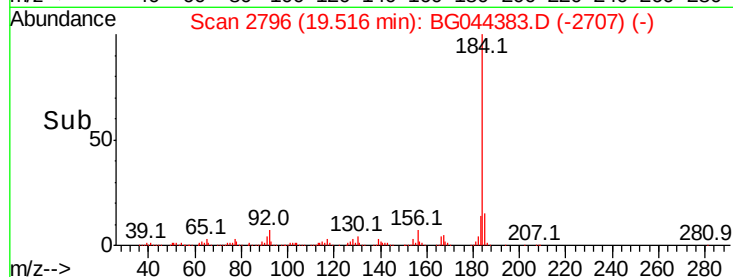
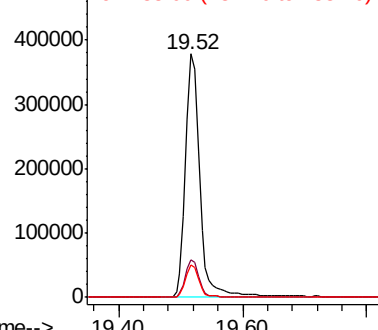


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.041 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

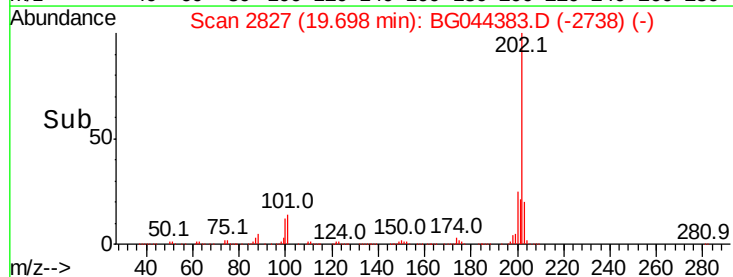
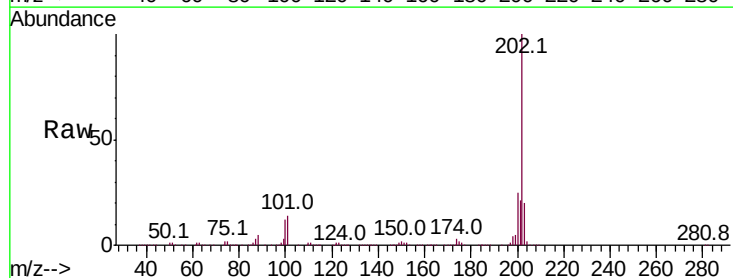
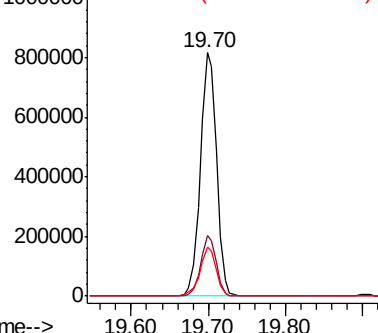
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	24.6	20.0	30.0	
203	19.9	16.2	24.2	

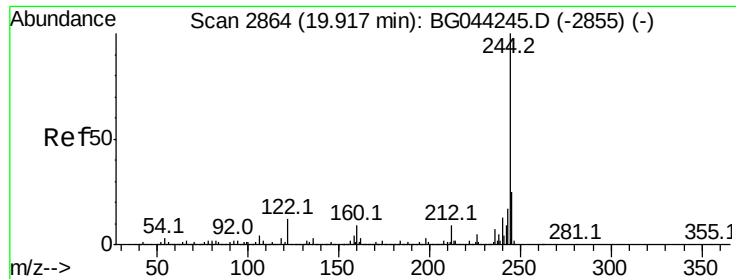
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





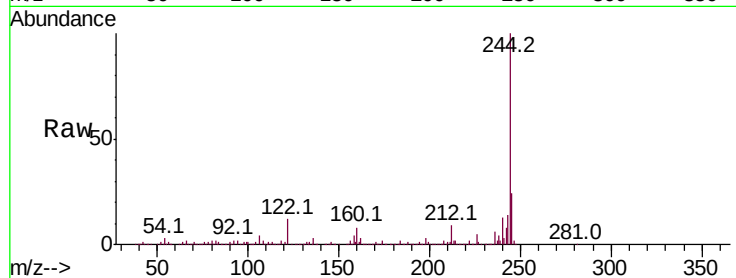
#79
 Terphenyl-d14
 Concen: 82.125 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.2
122	11.7	9.8	14.6

Manual Integrations
 APPROVED

mohammad
 2/13/2020 10:29:34 AM

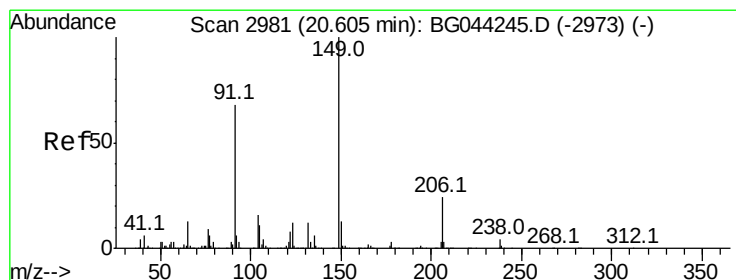
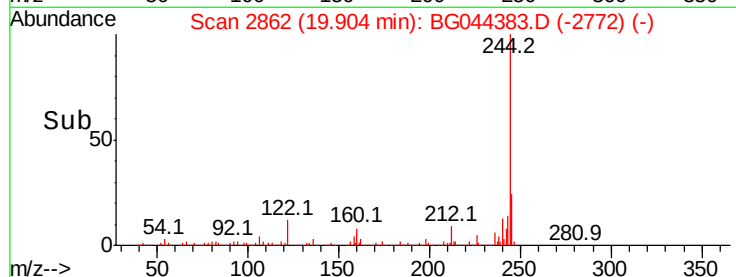
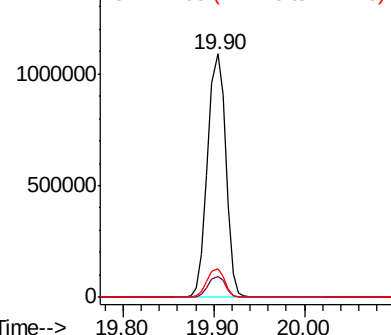


Abundance

Ion 244.00 (243.70 to 244.70): E

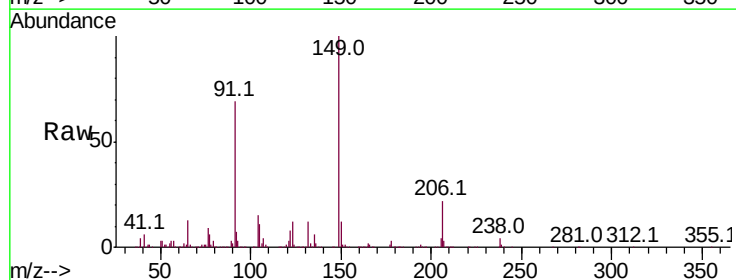
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 48.310 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	54.5	81.7
206	22.3	19.1	28.7

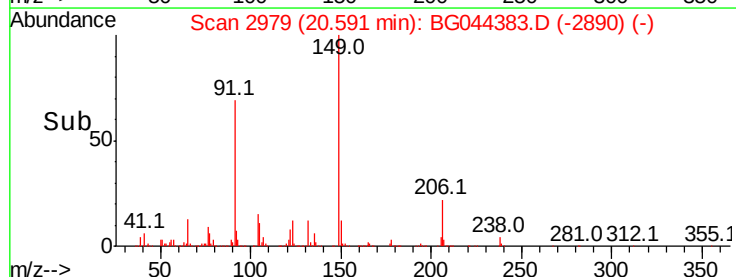
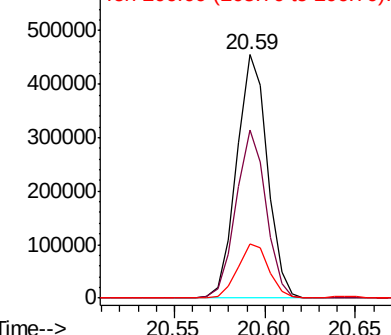


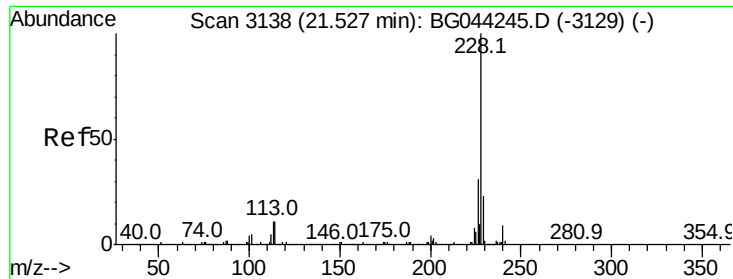
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





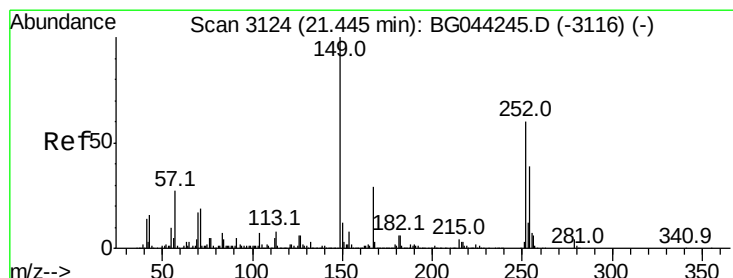
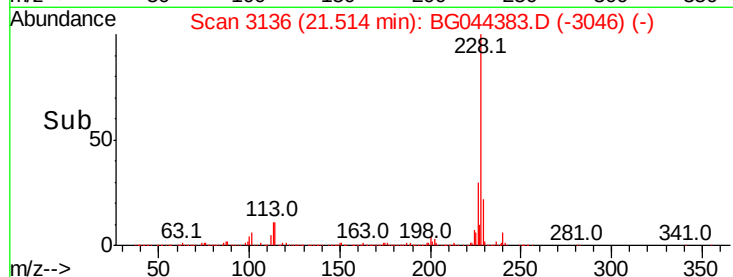
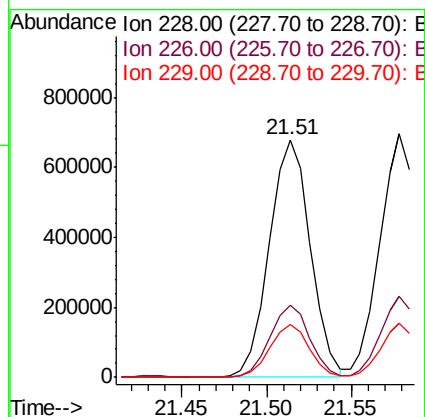
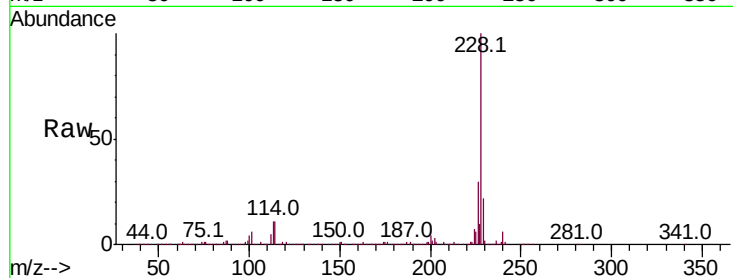
#81
Benzo(a)anthracene
Concen: 48.914 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	22.0	18.2	27.4

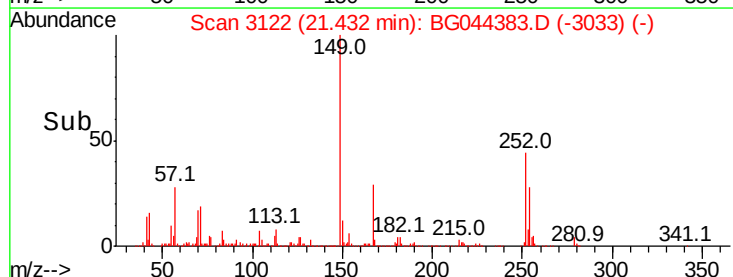
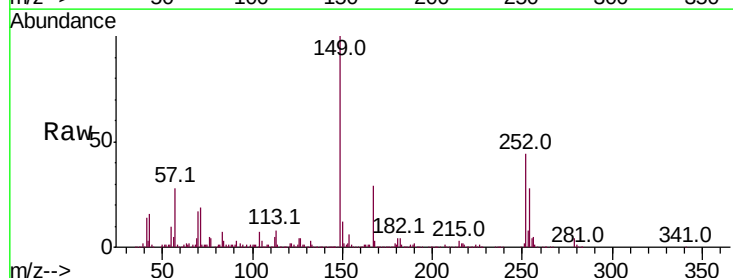
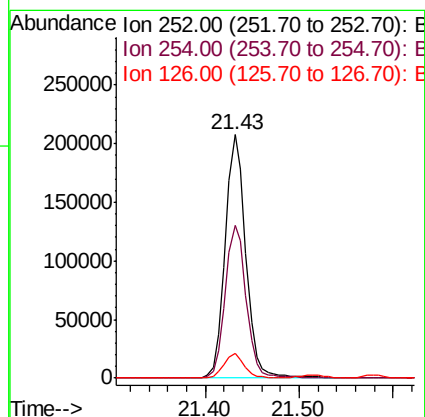
Manual Integrations
APPROVED

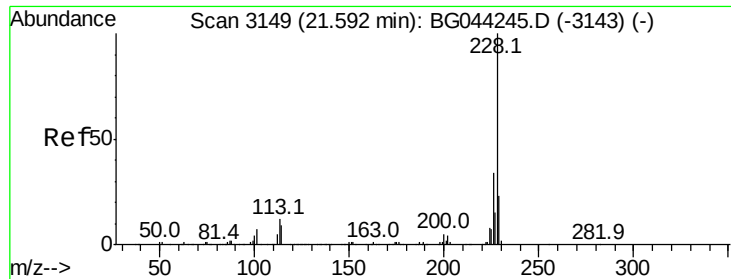
mohammad
2/13/2020 10:29:34 AM



#82
3,3'-Dichlorobenzidine
Concen: 34.945 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	52.6	78.8
126	10.1	8.2	12.4





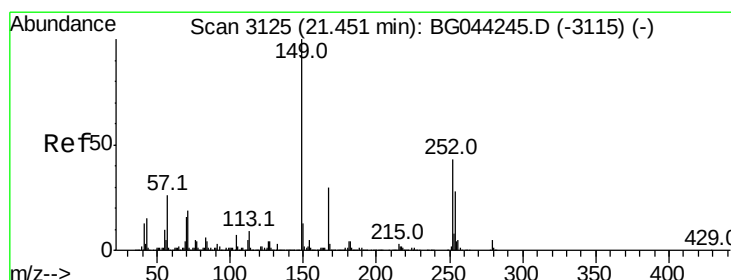
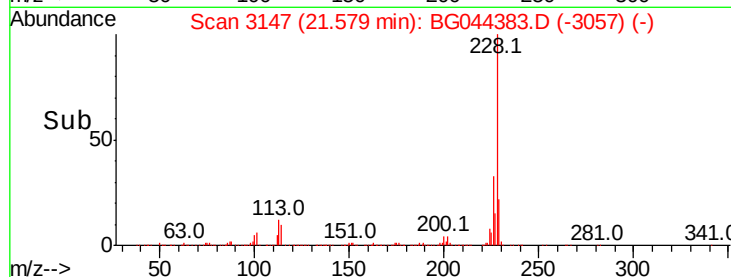
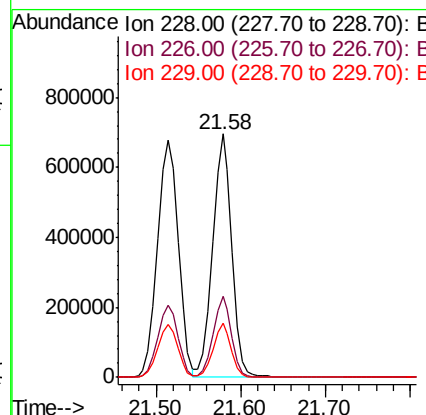
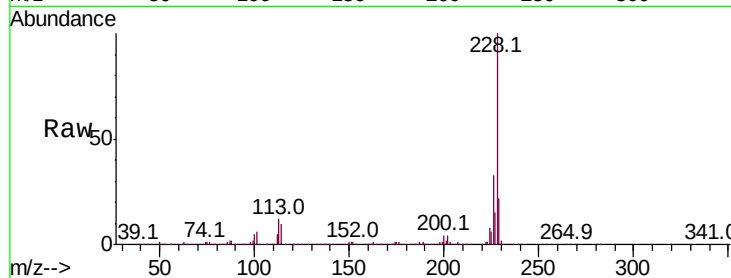
#83
 Chrvsene
 Concen: 48.751 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion:228 Resp: 1102244
 Ion Ratio Lower Upper
 228 100
 226 33.2 27.1 40.7
 229 22.2 17.9 26.9

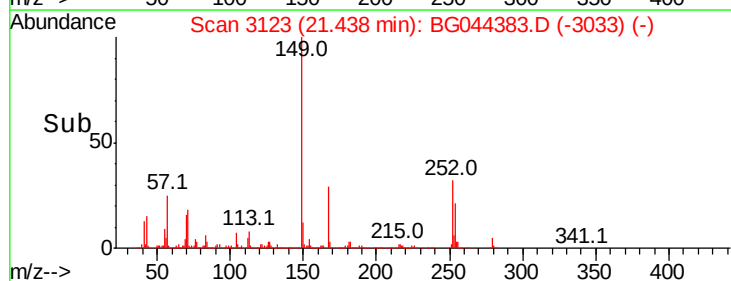
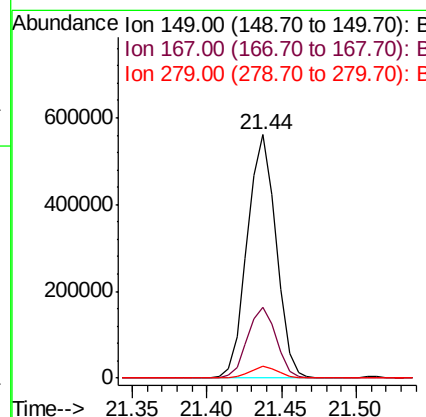
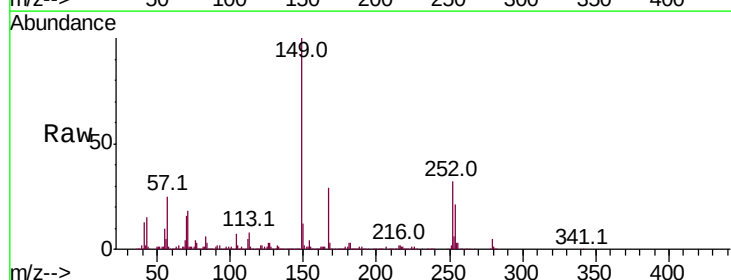
Manual Integrations
 APPROVED

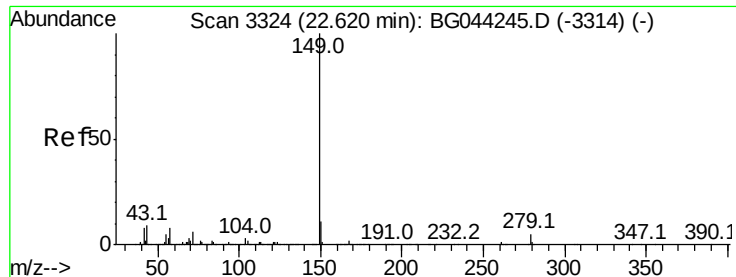
mohammad
 2/13/2020 10:29:34 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.057 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BG044383.D
 Acq: 11 Feb 2020 10:25

Tgt Ion:149 Resp: 750007
 Ion Ratio Lower Upper
 149 100
 167 29.1 24.0 36.0
 279 4.7 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 49.742 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

ClientSampleId :

PB126703BS

Tot Ion:149 Resp: 1315803

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

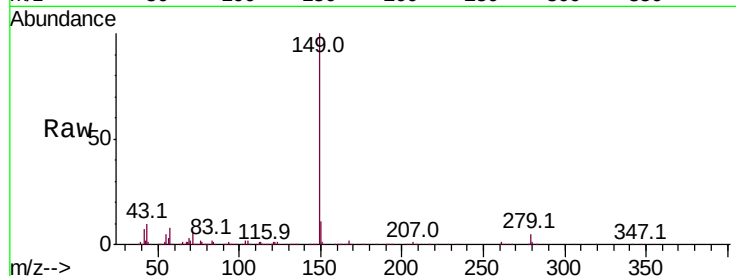
43 9.2 7.4 11.0

Manual Integrations

APPROVED

mohammad

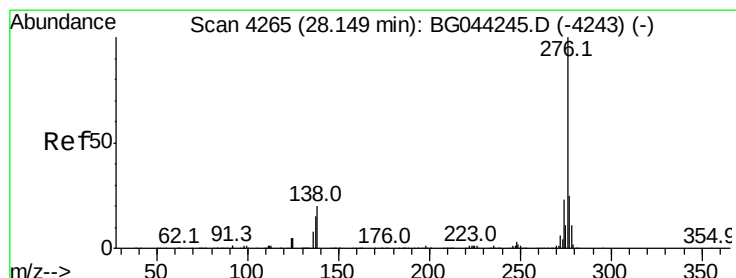
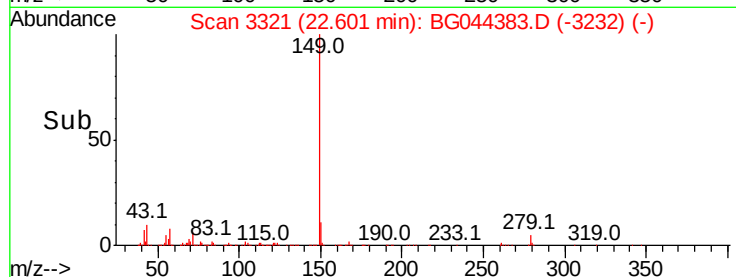
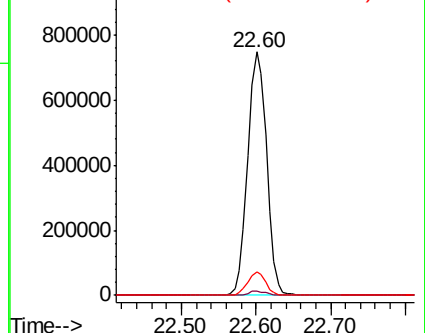
2/13/2020 10:29:34 AM



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: 47.854 ng

RT: 28.11 min Scan# 4259

Delta R.T. -0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

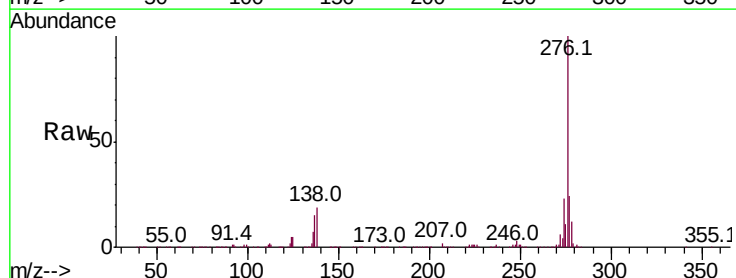
Tgt Ion:276 Resp: 1411560

Ion Ratio Lower Upper

276 100

138 24.1 19.4 29.0

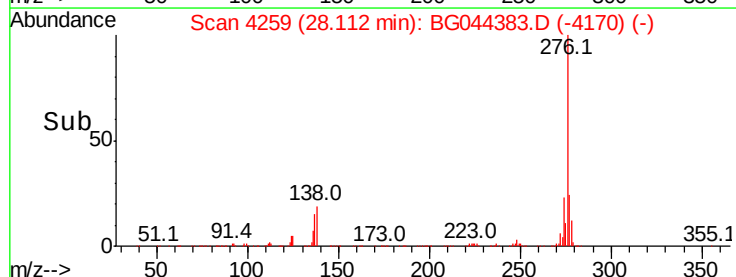
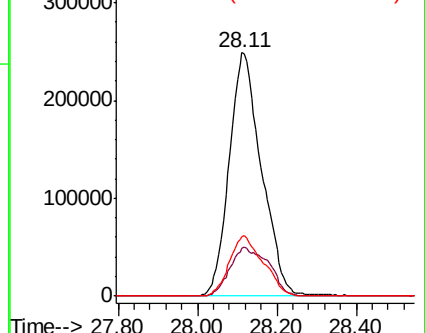
277 26.0 21.0 31.6

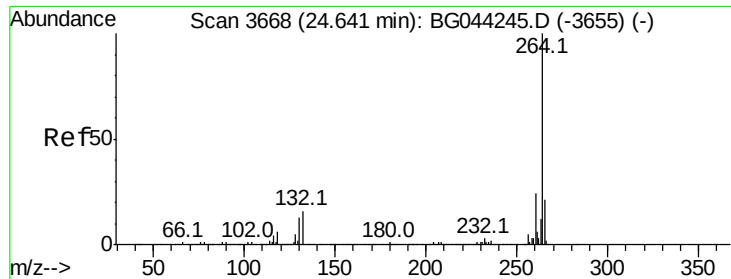


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.62 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Instrument :

BNA_G

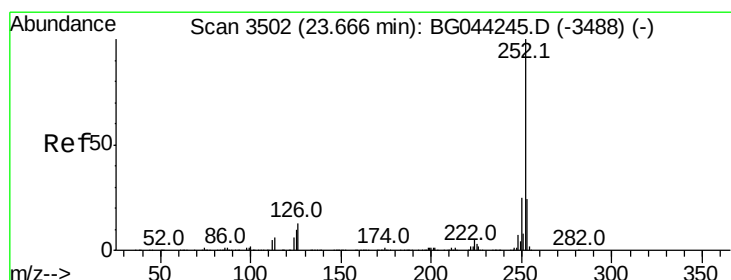
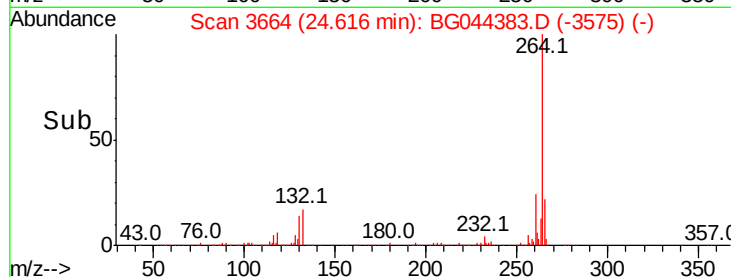
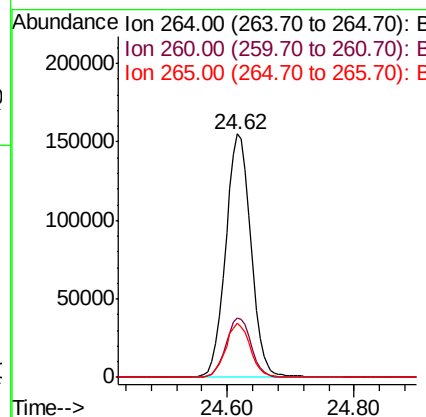
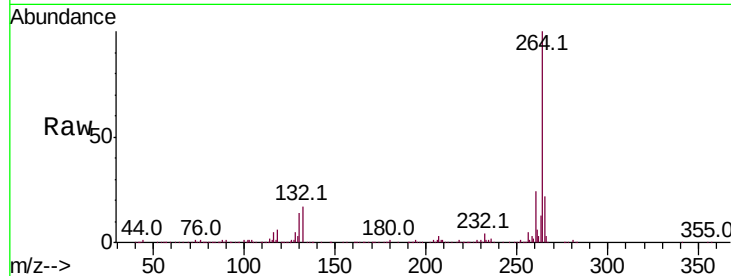
ClientSampleId :

PB126703BS

Tot Ion:	264	Resp:	428992
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.4	29.2
265	22.1	16.7	25.1

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM



#88

Benzo(b)fluoranthene

Concen: 48.755 ng

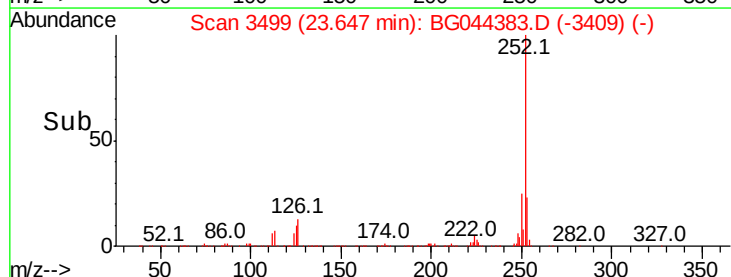
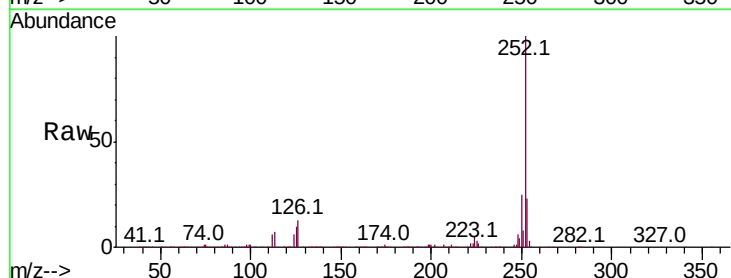
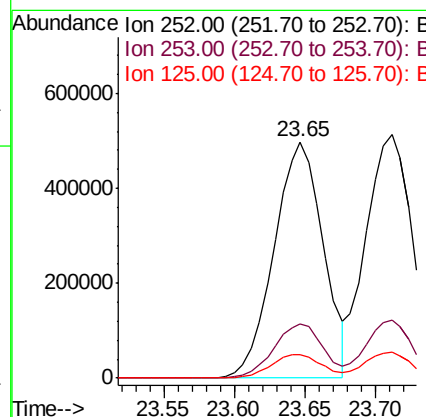
RT: 23.65 min Scan# 3499

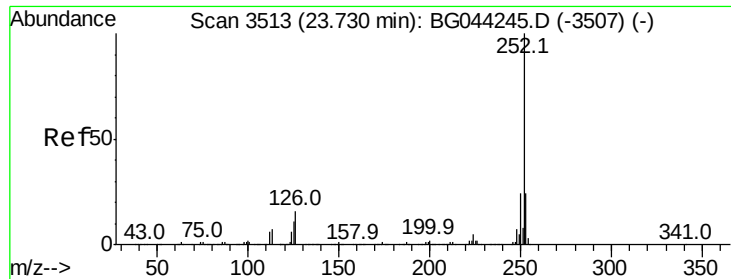
Delta R.T. 0.00 min

Lab File: BG044383.D

Acq: 11 Feb 2020 10:25

Tgt Ion:	252	Resp:	1205222
Ion Ratio	Lower	Upper	
252	100		
253	22.9	19.2	28.8
125	10.2	8.4	12.6





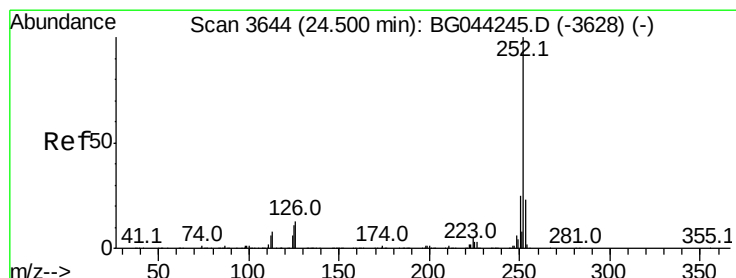
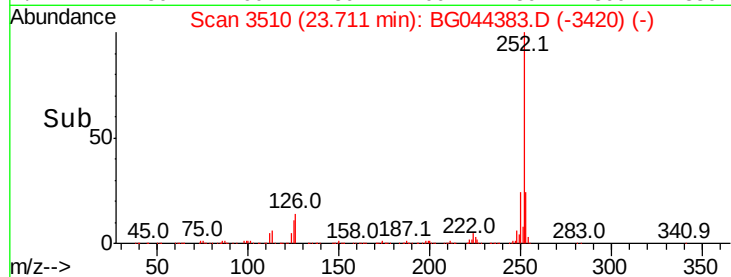
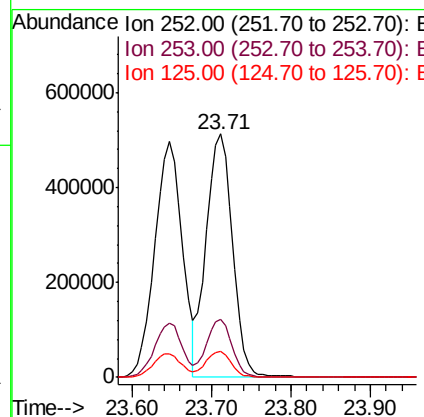
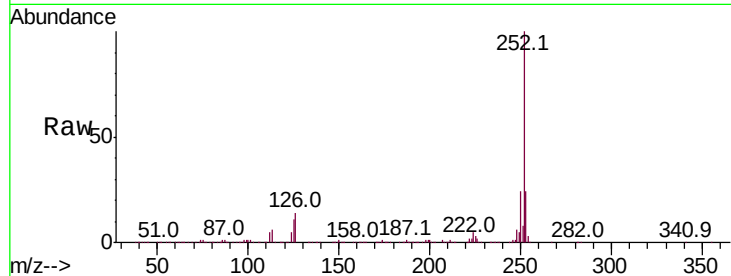
#89
Benzo(k)fluoranthene
Concen: 49.343 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.1	28.7
125	10.6	8.6	12.8

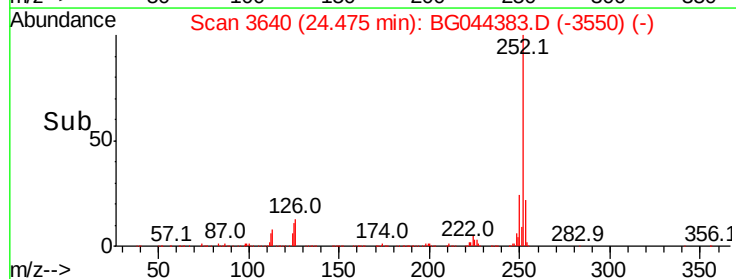
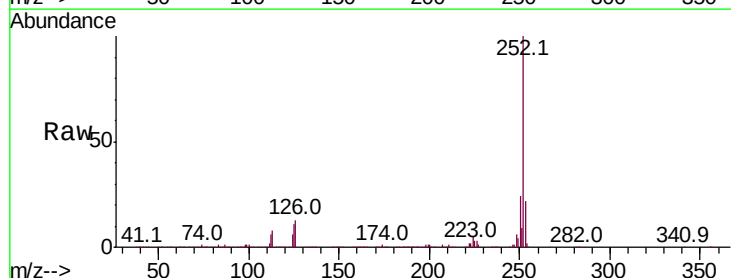
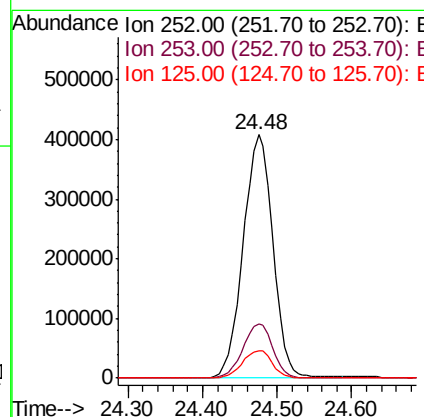
Manual Integrations
APPROVED

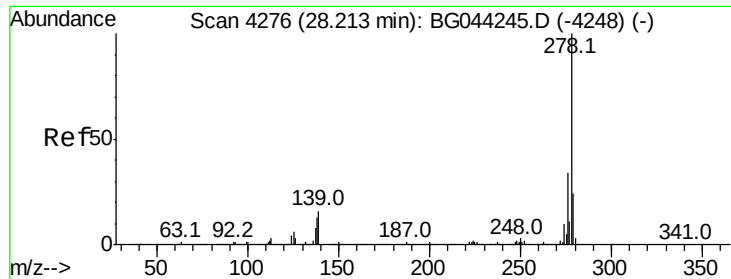
mohammad
2/13/2020 10:29:34 AM



#90
Benzo(a)pyrene
Concen: 48.332 ng
RT: 24.48 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.3	8.6	13.0





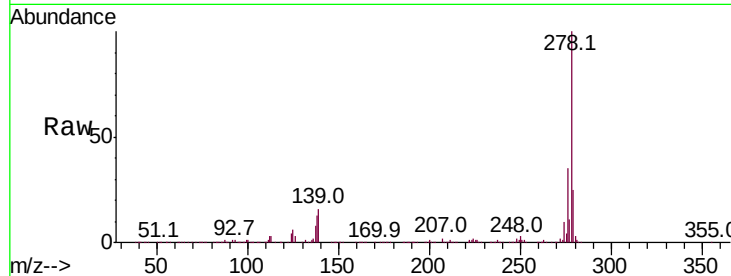
#91
Dibenzo(a,h)anthracene
Concen: 50.271 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	25.1	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/13/2020 10:29:34 AM

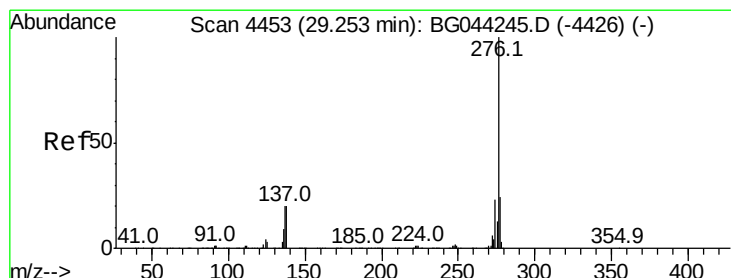
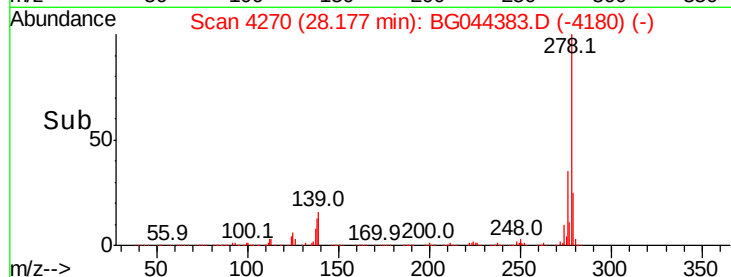
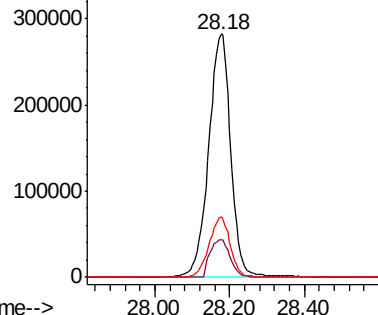


Abundance

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: 50.980 ng
RT: 29.20 min Scan# 4445
Delta R.T. 0.00 min
Lab File: BG044383.D
Acq: 11 Feb 2020 10:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.5	16.2	24.2

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

