

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044323.D
 Acq On : 6 Feb 2020 15:16
 Operator : CG/JU
 Sample : PB126588BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:16:54 AM

Quant Time: Feb 06 22:04:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	74685	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	302447	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	203102	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	469846	20.00	ng	0.00
76) Chrysene-d12	21.54	240	412026	20.00	ng	0.00
87) Perylene-d12	24.63	264	469933	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	415265	98.13	ng	0.00
7) Phenol-d6	7.08	99	551304	97.01	ng	0.00
23) Nitrobenzene-d5	9.07	82	432408	80.72	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	233739	98.03	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1018963	84.01	ng	0.00
79) Terphenyl-d14	19.91	244	1617082	80.73	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.37	88	84088	44.226	ng 100
3) Pyridine	3.77	79	206140	40.694	ng 98
4) n-Nitrosodimethylamine	3.68	42	99505	47.008	ng 98
6) Aniline	7.24	93	262232	37.176	ng 100
8) 2-Chlorophenol	7.48	128	249760	53.701	ng 99
9) Benzaldehyde	7.04	77	119008	36.771	ng 98
10) Phenol	7.11	94	305129	54.255	ng 98
11) bis(2-Chloroethyl)ether	7.33	93	225935	46.990	ng 98
12) 1,3-Dichlorobenzene	7.80	146	257325	46.340	ng 98
13) 1,4-Dichlorobenzene	7.95	146	260529	47.370	ng 99
14) 1,2-Dichlorobenzene	8.26	146	244323	46.999	ng 99
15) Benzyl Alcohol	8.15	79	199336	49.546	ng 98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	284856	43.772	ng 99
17) 2-Methylphenol	8.36	107	212195	52.882	ng 98
18) Hexachloroethane	9.00	117	93840	45.468	ng 98
19) n-Nitroso-di-n-propylamine	8.72	70	172424	45.527	ng 96
20) 3+4-Methylphenols	8.69	107	291397	52.694	ng 98
22) Acetophenone	8.73	105	331773	45.093	ng # 99
24) Nitrobenzene	9.11	77	248526	47.520	ng 98
25) Isophorone	9.64	82	477987	47.870	ng 99
26) 2-Nitrophenol	9.82	139	141141	52.009	ng 98
27) 2,4-Dimethylphenol	9.89	122	238247	62.193	ng 99
28) bis(2-Chloroethoxy)methane	10.12	93	308948	46.381	ng 100
29) 2,4-Dichlorophenol	10.36	162	249563	53.878	ng 99
30) 1,2,4-Trichlorobenzene	10.58	180	245614	46.244	ng 98
31) Naphthalene	10.76	128	715806	48.781	ng 100
32) Benzoic acid	10.04	122	122266	48.321	ng 97
33) 4-Chloroaniline	10.87	127	176224	26.406	ng 98
34) Hexachlorobutadiene	11.06	225	142028	43.458	ng 99
35) Caprolactam	11.64	113	97877m	57.683	ng
36) 4-Chloro-3-methylphenol	12.00	107	268197	55.225	ng 99
37) 2-Methylnaphthalene	12.38	142	536623	49.254	ng 98
38) 1-Methylnaphthalene	12.59	142	507968	49.454	ng 99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	263144	43.313	ng 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044323.D
 Acq On : 6 Feb 2020 15:16
 Operator : CG/JU
 Sample : PB126588BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

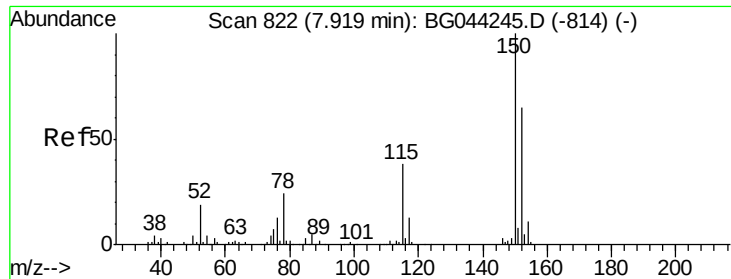
Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:16:54 AM

Quant Time: Feb 06 22:04:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	327690	112.408	nq	99
43) 2,4,6-Trichlorophenol	12.98	196	203532	51.829	nq	99
44) 2,4,5-Trichlorophenol	13.06	196	220947	55.085	nq	98
46) 1,1'-Biphenyl	13.38	154	681288	46.504	nq	100
47) 2-Chloronaphthalene	13.42	162	534656	45.863	nq	99
48) 2-Nitroaniline	13.62	65	160996	46.795	nq	95
49) Acenaphthylene	14.27	152	860435	50.322	nq	100
50) Dimethylphthalate	14.00	163	719493	49.282	nq	100
51) 2,6-Dinitrotoluene	14.12	165	165690	50.900	nq	96
52) Acenaphthene	14.62	154	526539	47.509	nq	97
53) 3-Nitroaniline	14.45	138	118880	33.009	nq	96
54) 2,4-Dinitrophenol	14.66	184	186297	95.004	nq	97
55) Dibenzofuran	14.95	168	839650	50.039	nq	98
56) 4-Nitrophenol	14.77	139	307111	116.416	nq	96
57) 2,4-Dinitrotoluene	14.91	165	233508	51.181	nq	97
58) Fluorene	15.60	166	663861	50.230	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	198625	54.823	nq	98
60) Diethylphthalate	15.37	149	731336	50.273	nq	99
61) 4-Chlorophenyl-phenylether	15.59	204	347187	48.449	nq	98
62) 4-Nitroaniline	15.61	138	172294	47.877	nq	96
63) Azobenzene	15.88	77	634457	49.762	nq	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	145631	56.151	nq	99
66) n-Nitrosodiphenylamine	15.81	169	638161	48.466	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	235988	46.101	nq	97
68) Hexachlorobenzene	16.61	284	258134	45.011	nq	98
69) Atrazine	16.76	200	248282	55.014	nq	96
70) Pentachlorophenol	16.95	266	298594	102.060	nq	98
71) Phenanthrene	17.34	178	1106489	48.634	nq	99
72) Anthracene	17.43	178	1137440	50.567	nq	99
73) Carbazole	17.69	167	1023252	49.346	nq	99
74) Di-n-butylphthalate	18.26	149	1255968	49.013	nq	99
75) Fluoranthene	19.35	202	1299748	49.384	nq	99
77) Benzidine	19.53	184	574807	50.295	nq	98
78) Pyrene	19.71	202	1292481	48.846	nq	100
80) Butylbenzylphthalate	20.60	149	568164	47.118	nq	98
81) Benzo(a)anthracene	21.52	228	1244971	49.027	nq	99
82) 3,3'-Dichlorobenzidine	21.44	252	336590	34.153	nq	99
83) Chrysene	21.58	228	1190240	48.492	nq	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	806406	48.587	nq	99
85) Di-n-octyl phthalate	22.61	149	1411475	49.151	nq	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1536823	47.991	nq	99
88) Benzo(b)fluoranthene	23.66	252	1293558	47.769	nq	100
89) Benzo(k)fluoranthene	23.72	252	1301249	49.304	nq	99
90) Benzo(a)pyrene	24.49	252	1219291	47.623	nq	99
91) Dibenzo(a,h)anthracene	28.20	278	1265334	49.937	nq	100
92) Benzo(g,h,i)perylene	29.23	276	1288604	50.801	nq	99

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



#1

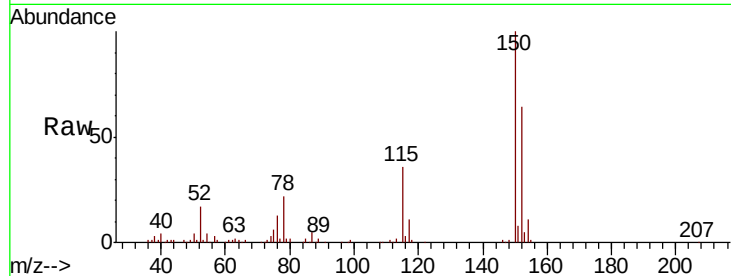
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.6	183.8
115	56.5	46.0	69.0

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM

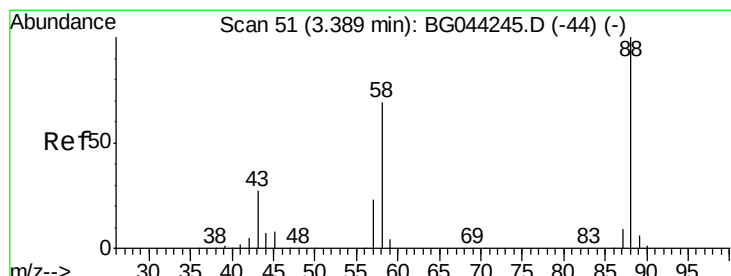
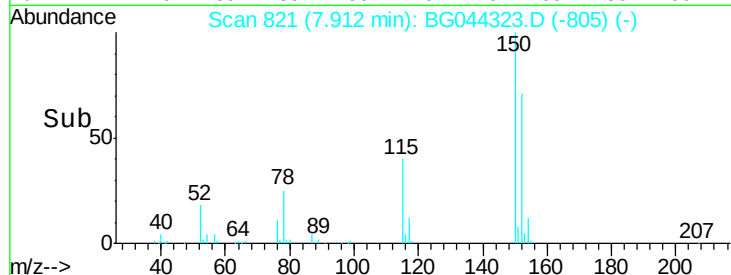
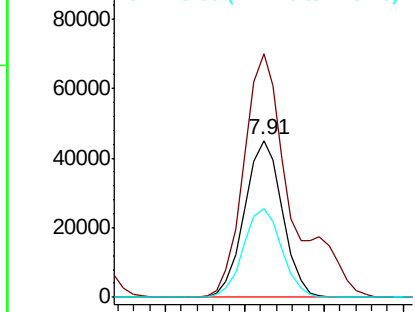


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

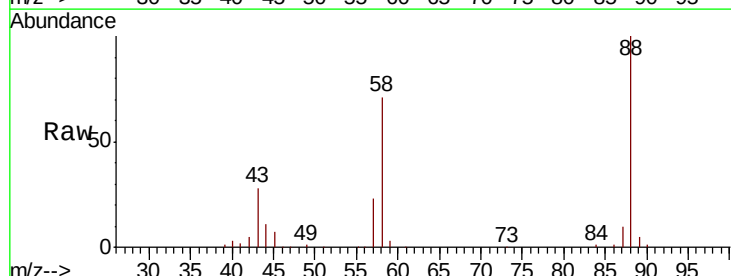
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.226 ng
RT: 3.37 min Scan# 48
Delta R.T. -0.02 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	55.8	83.6
43	26.9	21.6	32.4

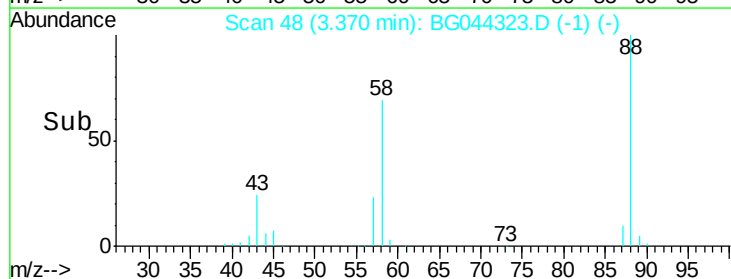
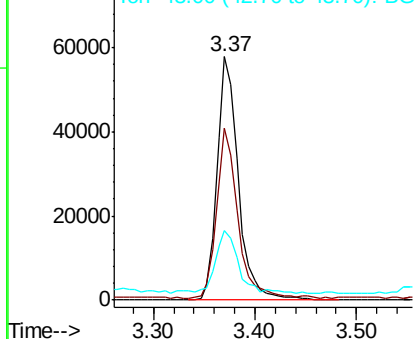


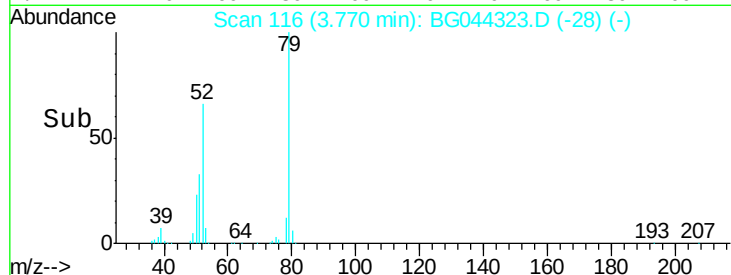
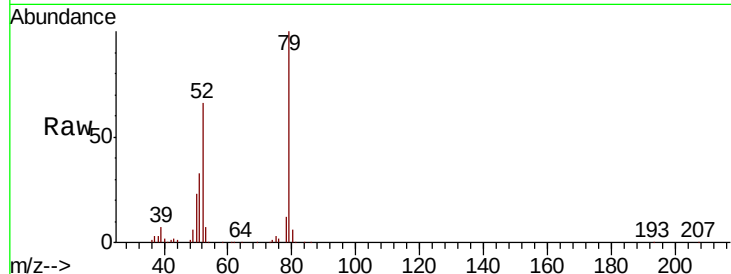
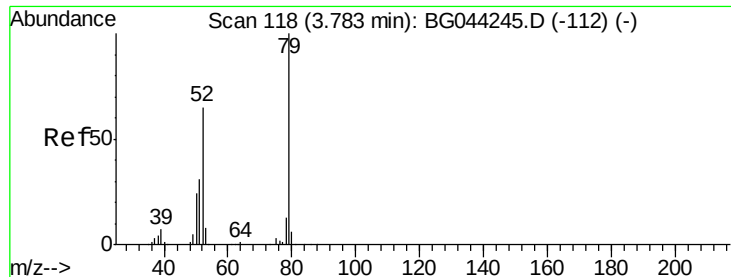
Abundance

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





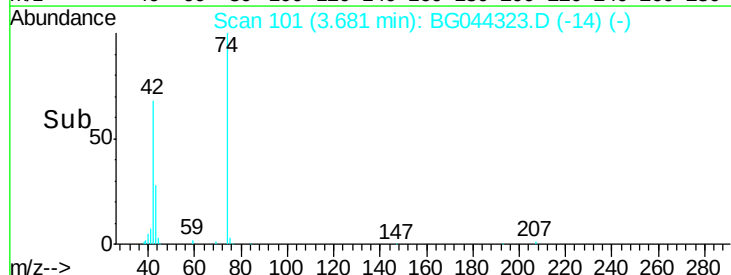
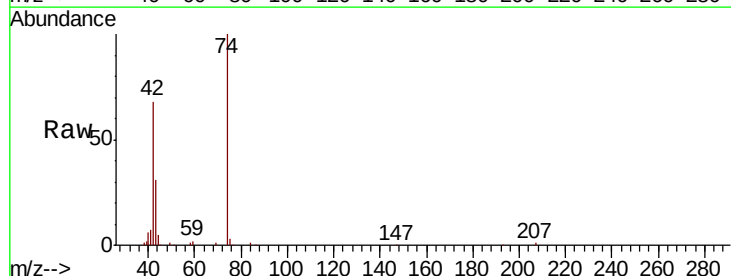
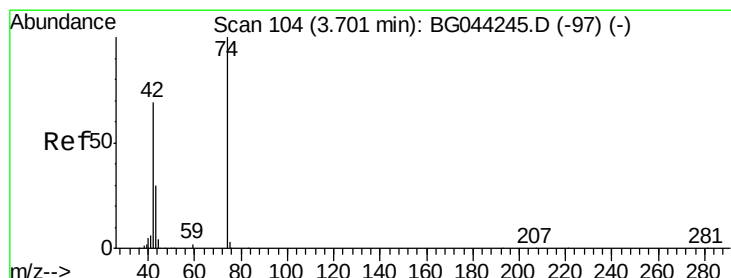
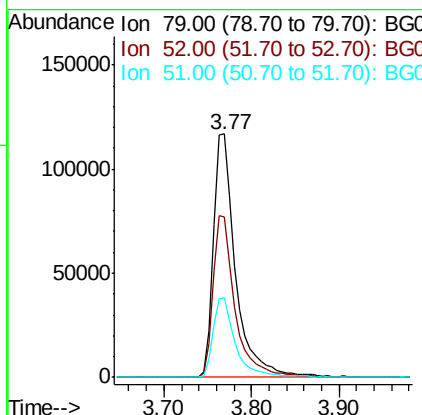
#3
Pvridine
Concen: 40.694 ng
RT: 3.77 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tot Ion	Ratio	Resp	Lower	Upper
79	100	206140		
52	66.0		51.9	77.9
51	32.9		25.3	37.9

Instrument :
BNA_G
ClientSampleId :
PB126588BS

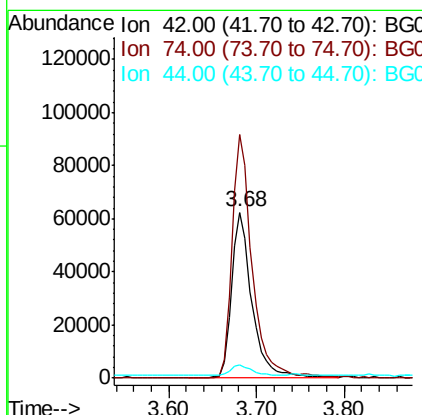
Manual Integrations
APPROVED

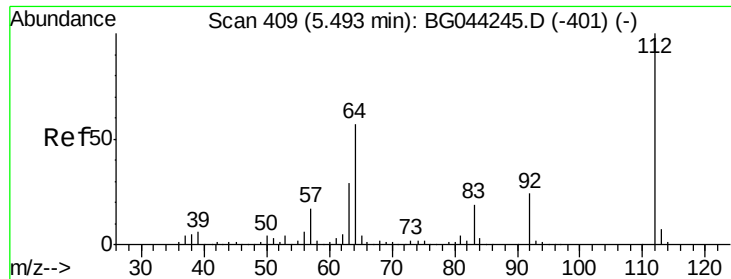
mohammad
2/10/2020 8:16:54 AM



#4
n-Nitrosodimethylamine
Concen: 47.008 ng
RT: 3.68 min Scan# 101
Delta R.T. -0.02 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	99505		
74	146.8		115.1	172.7
44	7.8		5.6	8.4





#5

2-Fluorophenol

Concen: 98.129 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

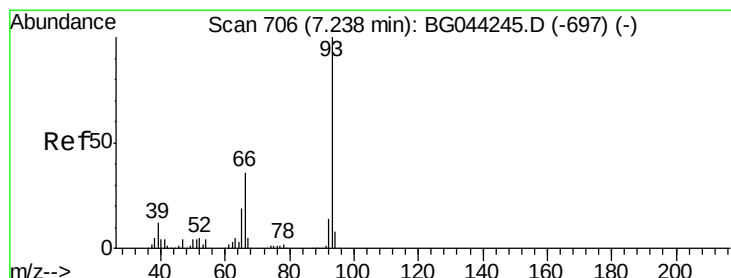
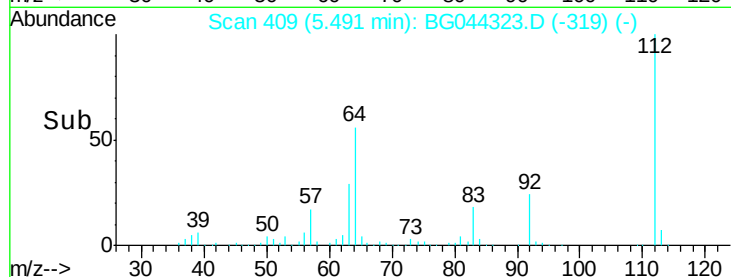
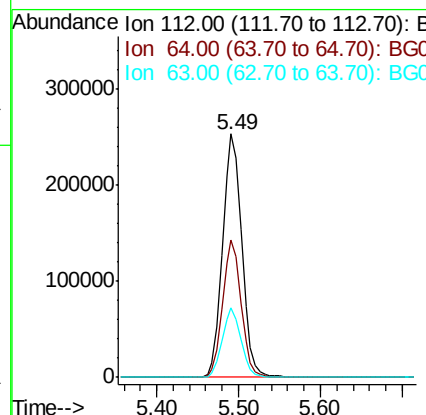
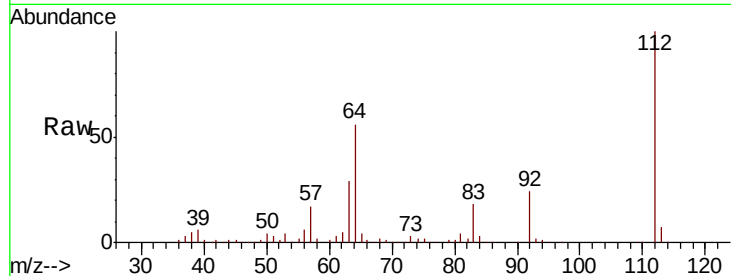
ClientSampleId :

PB126588BS

Tot Ion:	112	Resp:	415265
Ion Ratio	Lower	Upper	
112	100		
64	56.2	45.4	68.2
63	28.8	22.9	34.3

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



#6

Aniline

Concen: 37.176 ng

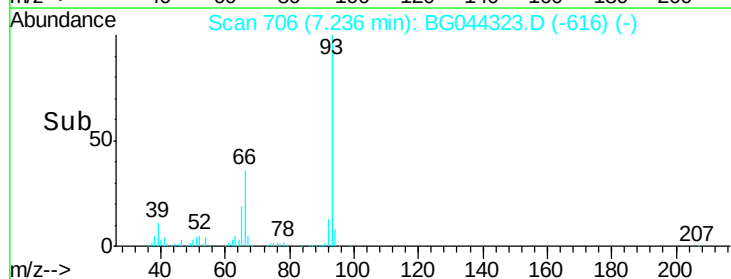
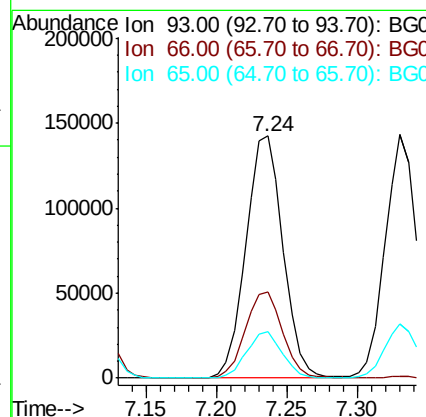
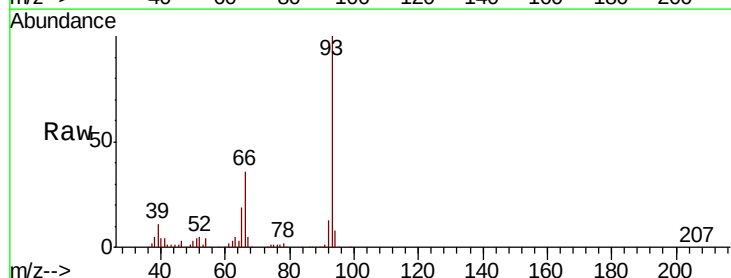
RT: 7.24 min Scan# 706

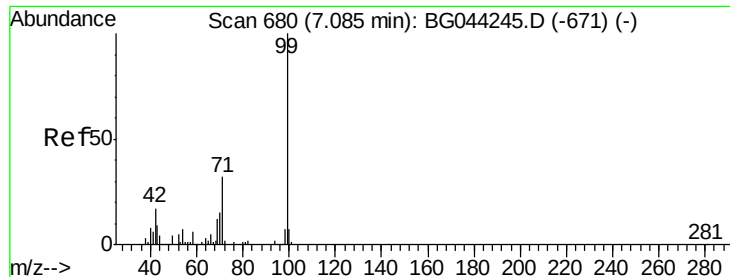
Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tgt Ion:	93	Resp:	262232
Ion Ratio	Lower	Upper	
93	100		
66	35.8	28.7	43.1
65	19.0	15.4	23.0





#7

Phenol-d6

Concen: 97.014 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

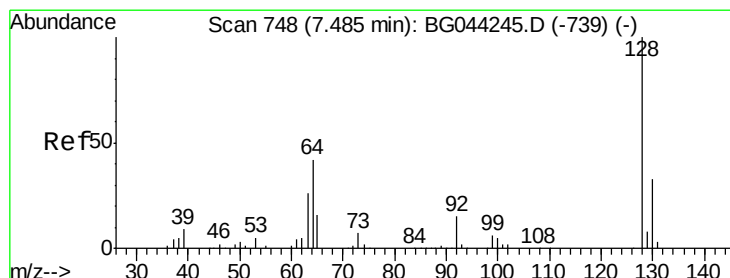
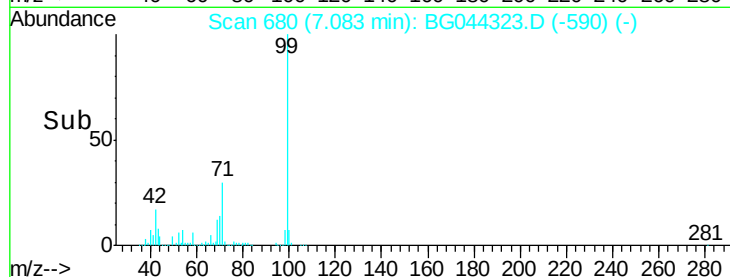
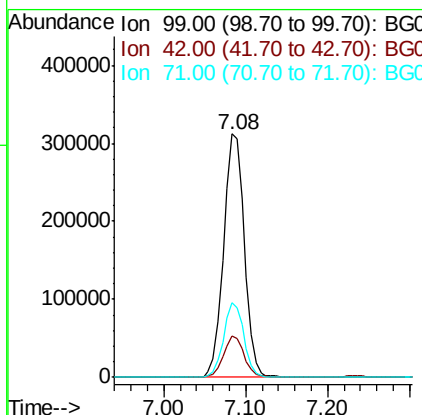
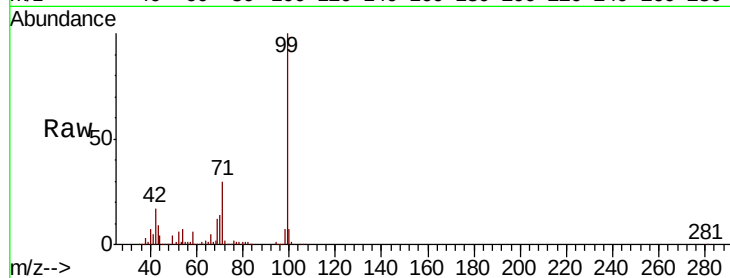
ClientSampleId :

PB126588BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		551304		
42	17.0	13.8	20.6		
71	30.4	25.5	38.3		

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



#8

2-Chlorophenol

Concen: 53.701 ng

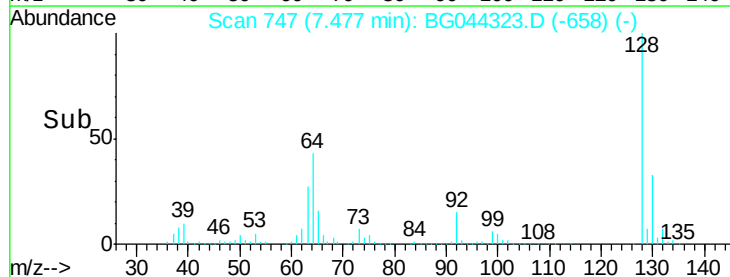
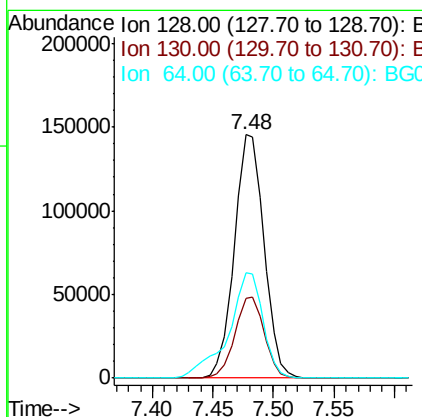
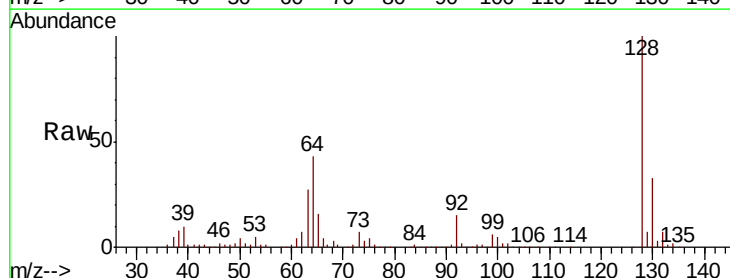
RT: 7.48 min Scan# 747

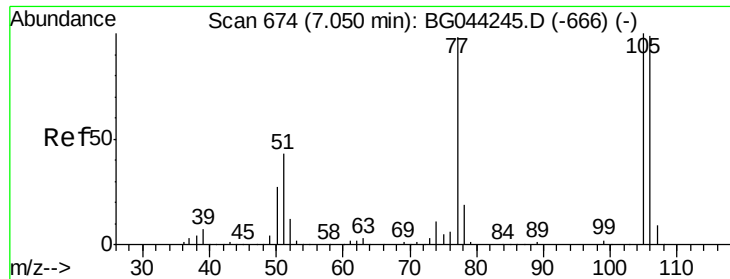
Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		249760		
130	32.6	12.5	52.5		
64	43.2	24.2	64.2		





#9

Benzaldehyde

Concen: 36.771 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

Tot Ion: 77 Resp: 119008

Ion Ratio Lower Upper

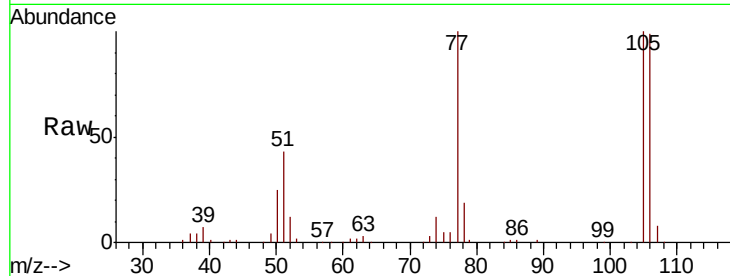
77 100

105 99.8 82.0 122.0

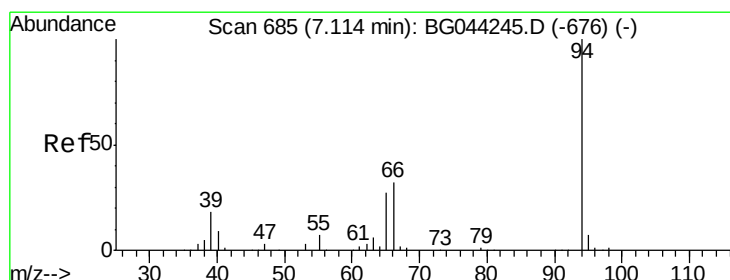
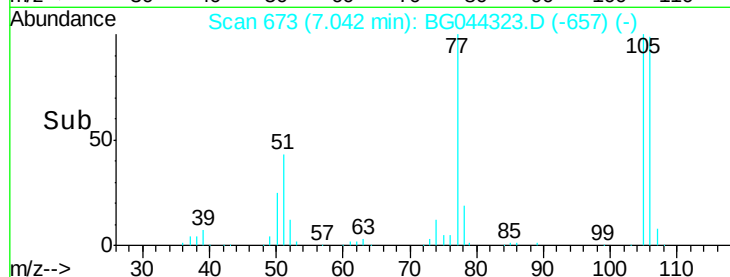
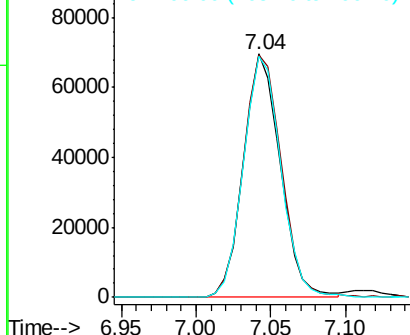
106 98.8 80.7 120.7

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 54.255 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

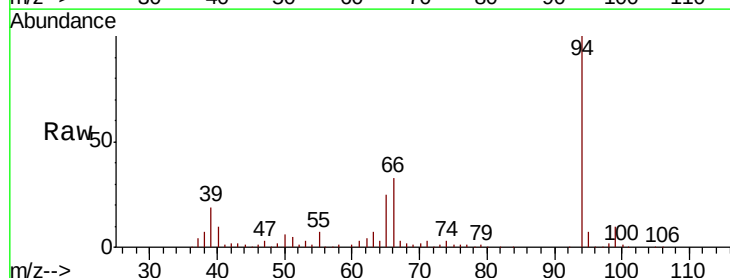
Tgt Ion: 94 Resp: 305129

Ion Ratio Lower Upper

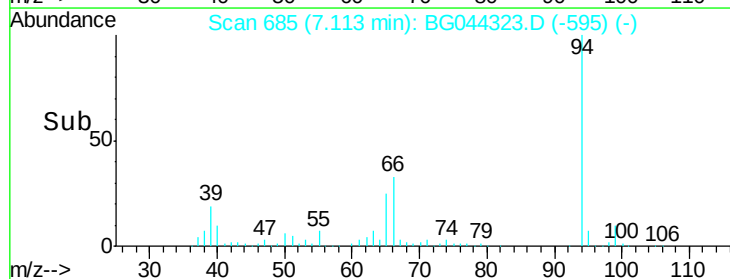
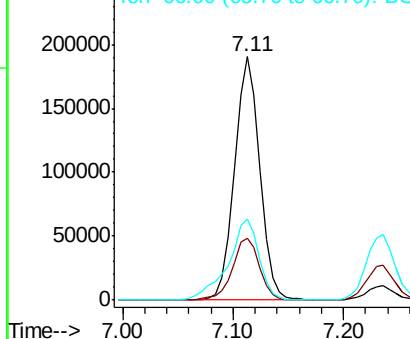
94 100

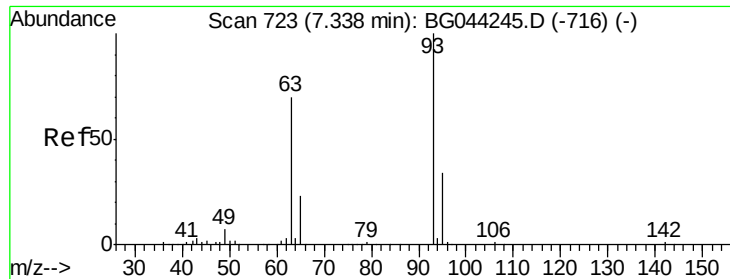
65 25.2 7.0 47.0

66 33.2 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





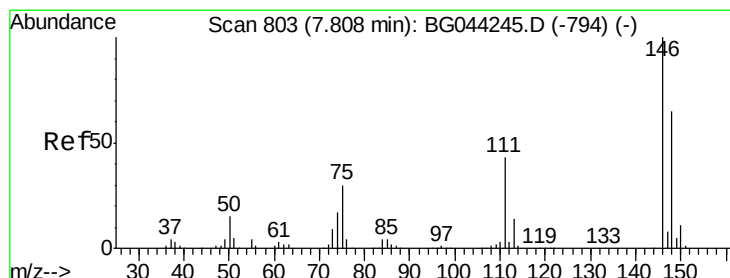
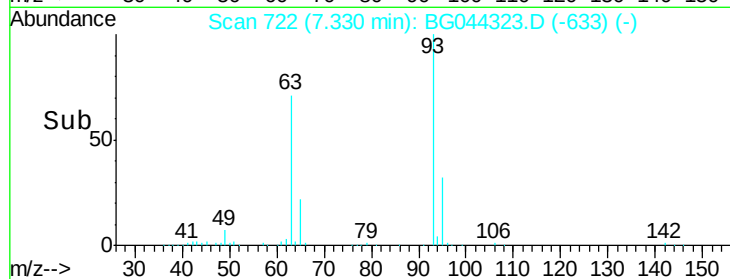
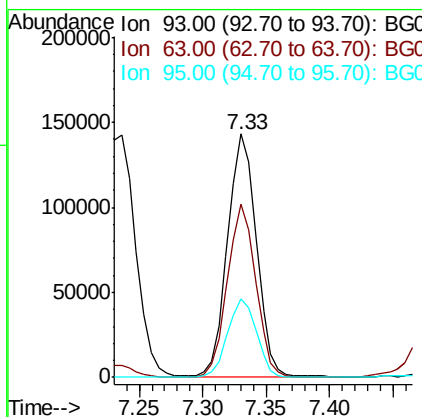
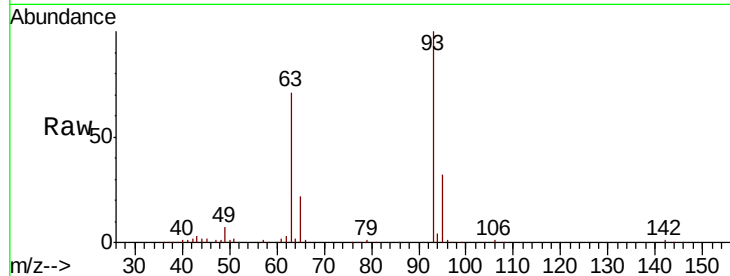
#11
bis(2-Chloroethyl)ether
Concen: 46.990 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion:	93	Resp:	225935
Ion Ratio	Lower	Upper	
93	100		
63	71.0	49.2	89.2
95	32.4	13.6	53.6

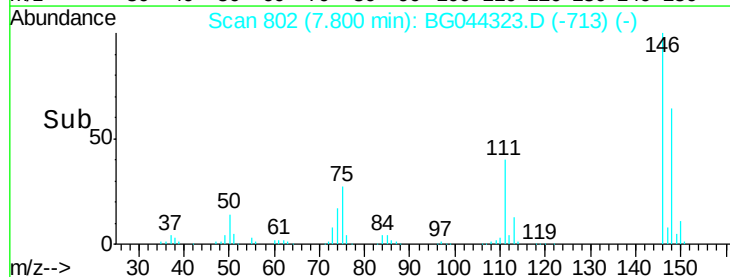
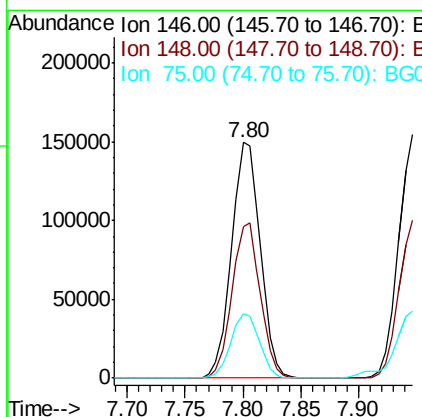
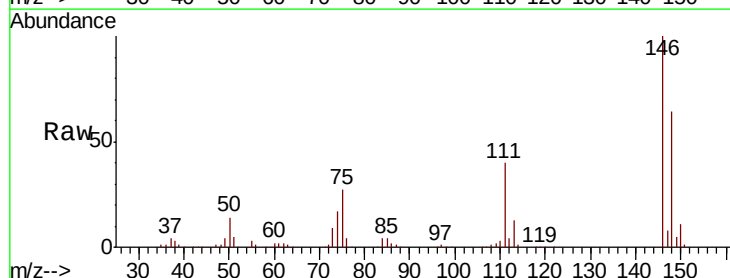
Manual Integrations
APPROVED

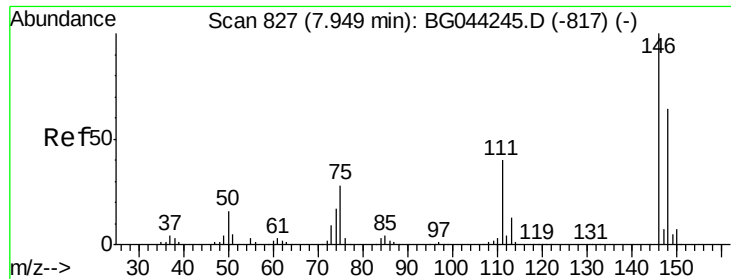
mohammad
2/10/2020 8:16:54 AM



#12
1,3-Dichlorobenzene
Concen: 46.340 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion:	146	Resp:	257325
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	27.2	23.7	35.5





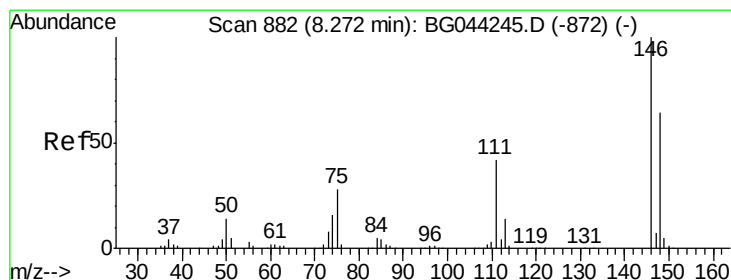
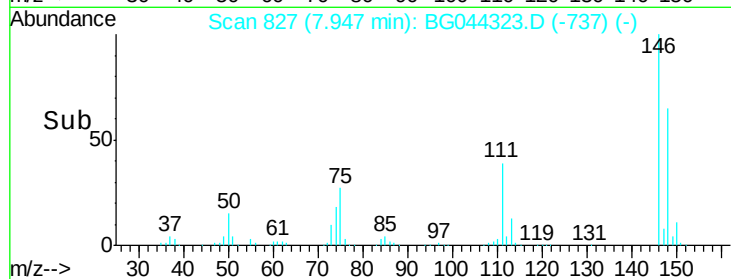
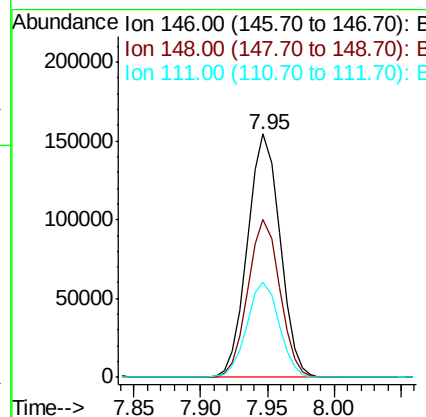
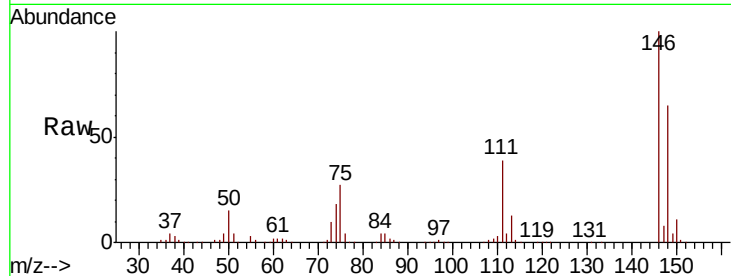
#13
 1,4-Dichlorobenzene
 Concen: 47.370 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	39.1	31.8	47.8

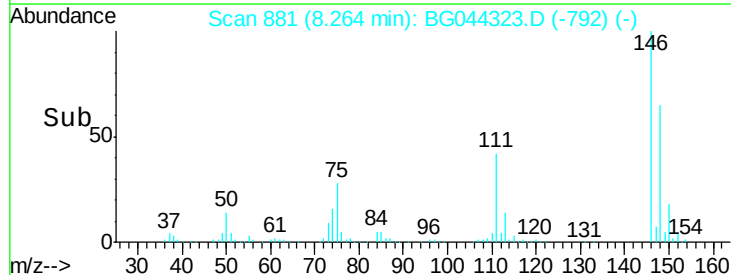
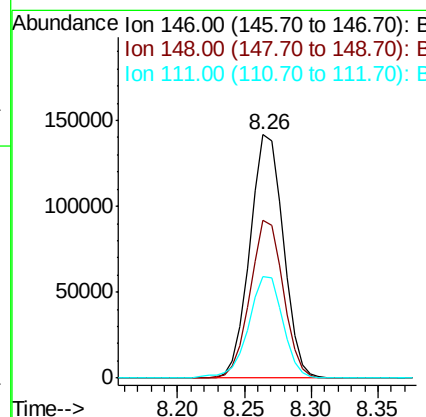
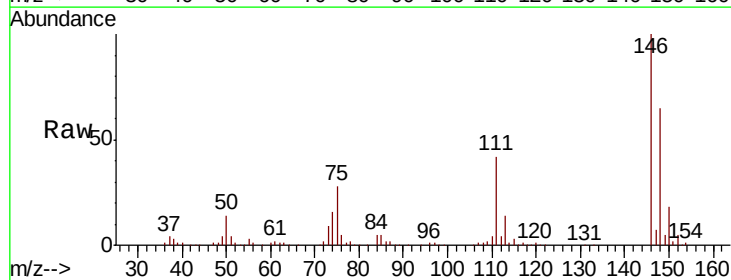
Manual Integrations
 APPROVED

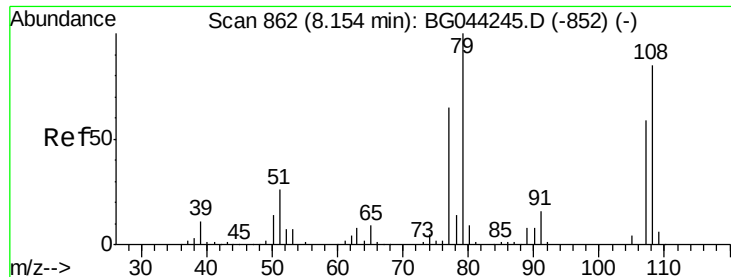
mohammad
 2/10/2020 8:16:54 AM



#14
 1,2-Dichlorobenzene
 Concen: 46.999 ng
 RT: 8.26 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.2	76.8
111	41.8	34.0	51.0





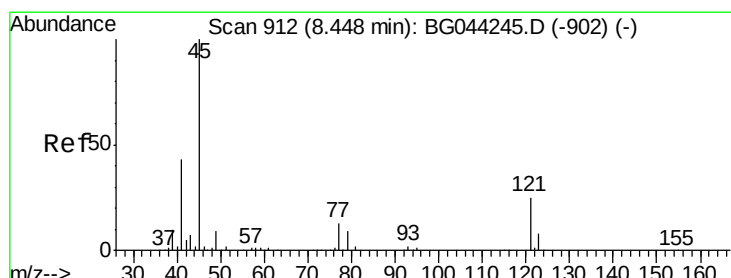
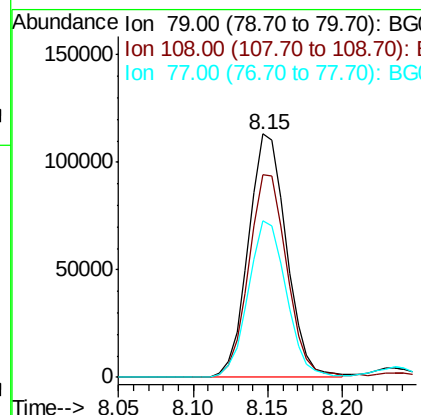
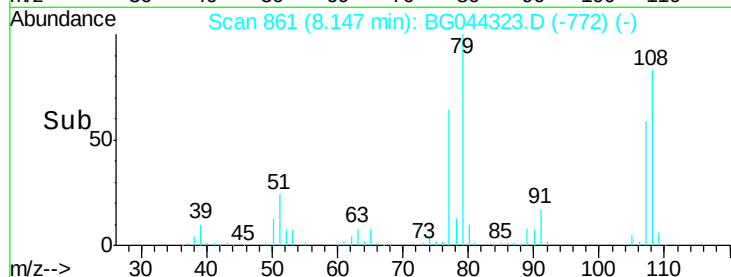
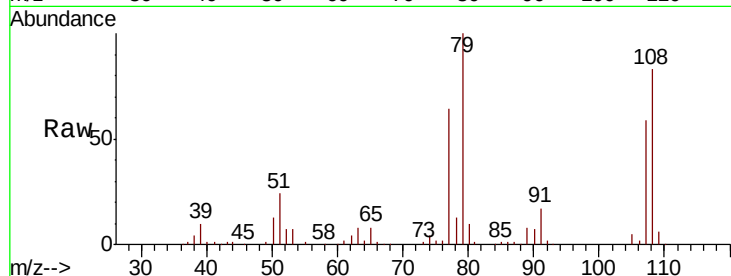
#15
Benzyl Alcohol
Concen: 49.546 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	199336		
108	83.4	68.3	102.5	
77	64.2	51.8	77.8	

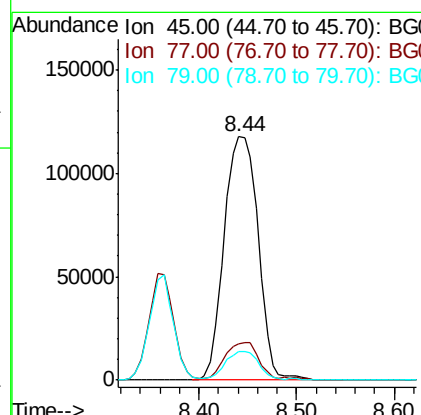
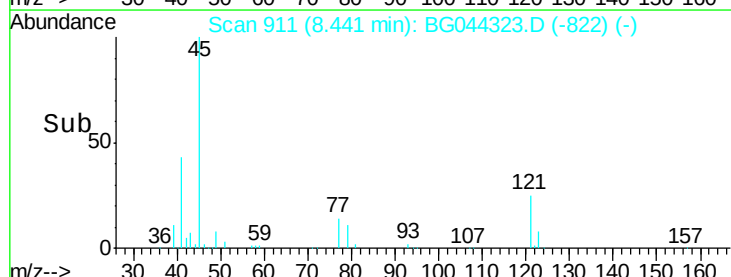
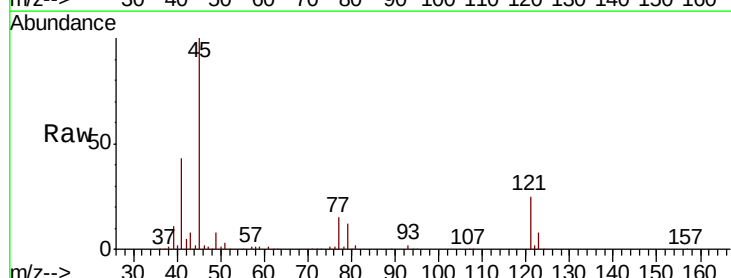
Manual Integrations
APPROVED

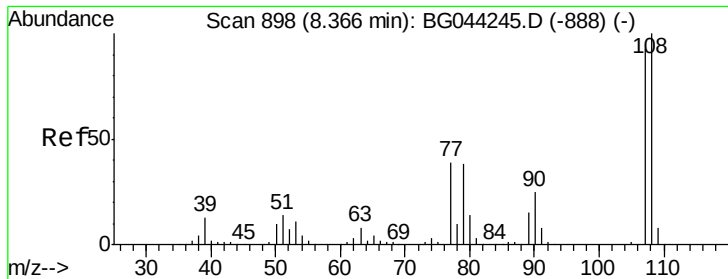
mohammad
2/10/2020 8:16:54 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.772 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	284856		
77	15.1	0.0	35.2	
79	11.9	0.0	31.1	





#17

2-Methylphenol

Concen: 52.882 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

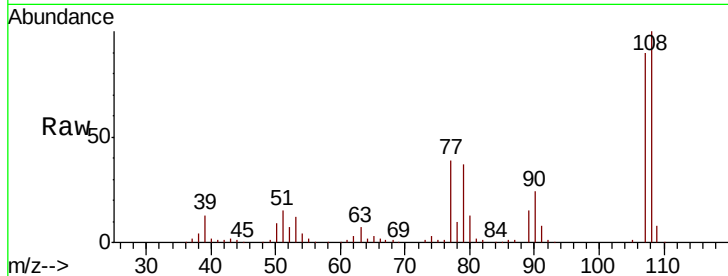
ClientSampleId :

PB126588BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	212195		
108	110.7	86.4	129.6	
77	43.2	34.0	51.0	
79	40.4	32.9	49.3	

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



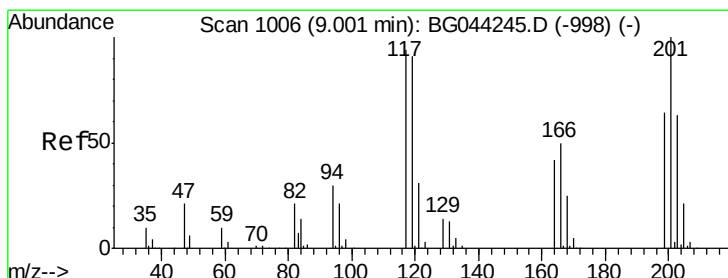
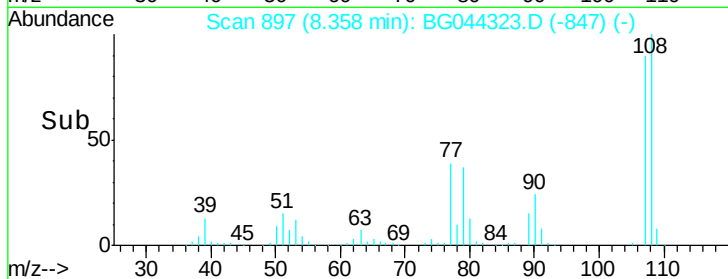
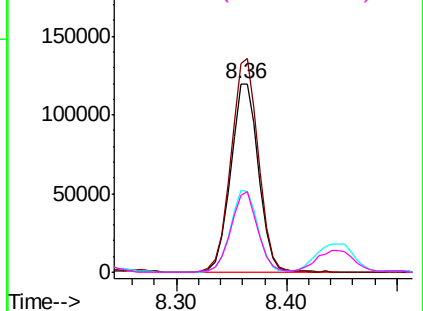
Abundance

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: 45.468 ng

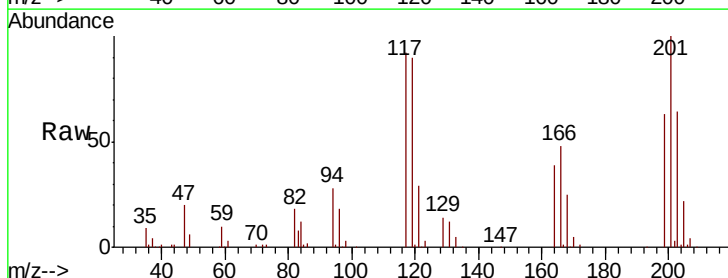
RT: 9.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	93840		
119	97.6	77.5	116.3	
201	108.5	84.9	127.3	

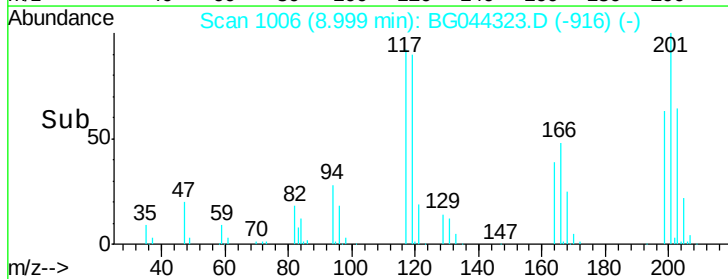
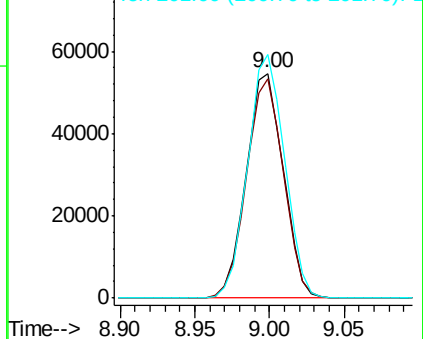


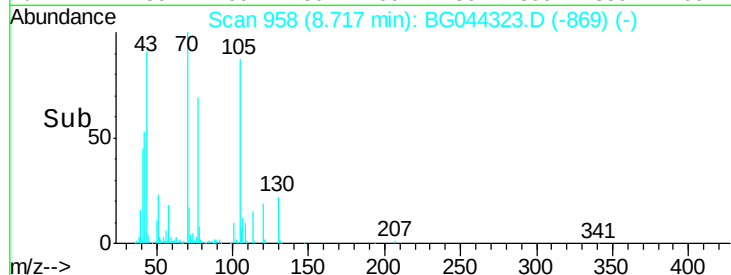
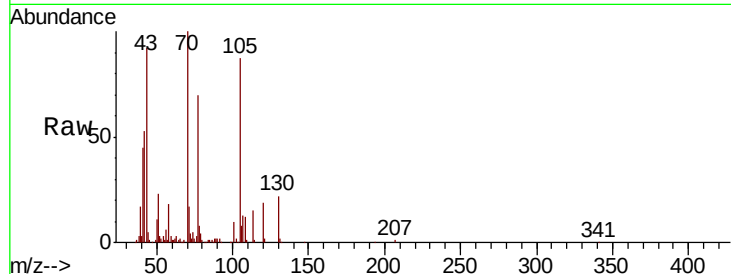
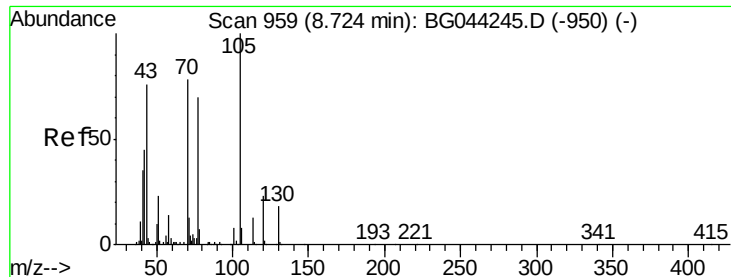
Abundance

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





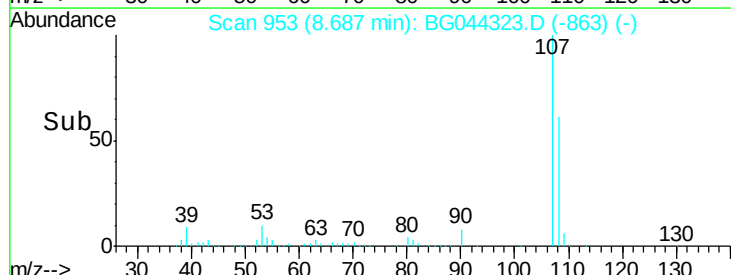
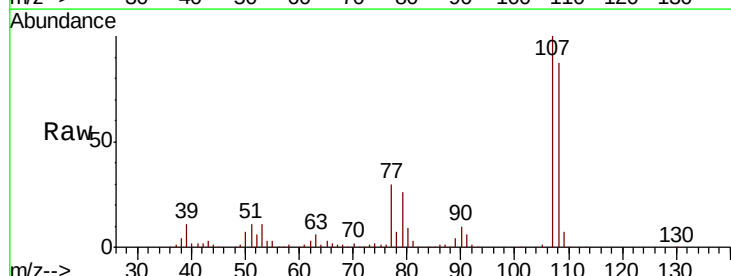
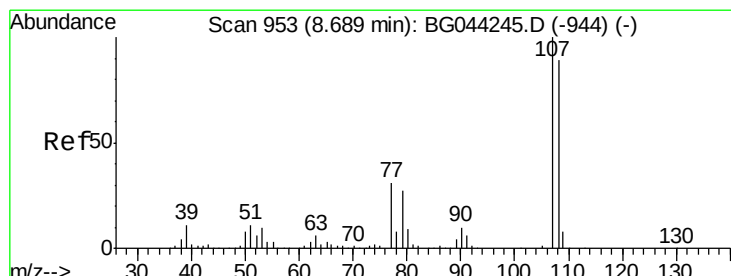
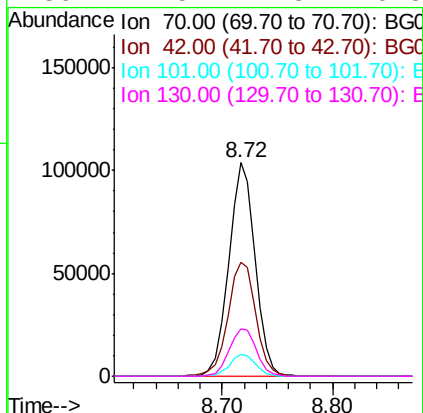
#19
n-Nitroso-di-n-propylamine
Concen: 45.527 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Manual Integrations
APPROVED

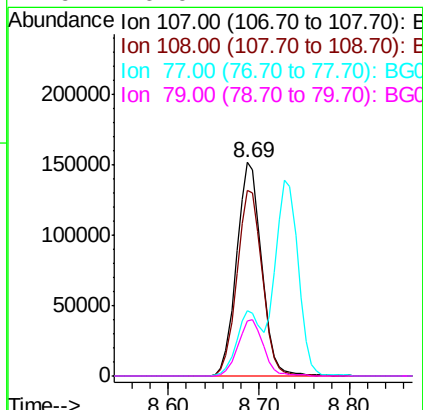
mohammad
2/10/2020 8:16:54 AM

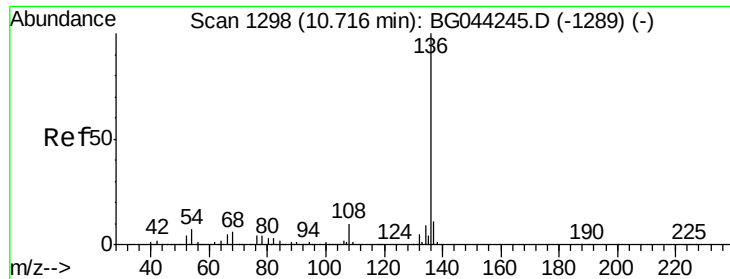
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.4	46.2	69.2	
101	10.0	8.4	12.6	
130	22.5	17.8	26.8	



#20
3+4-Methylphenols
Concen: 52.694 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.8	68.5	108.5	
77	30.4	10.9	50.9	
79	26.0	7.1	47.1	





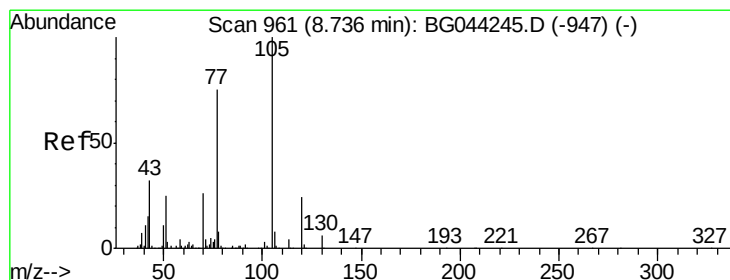
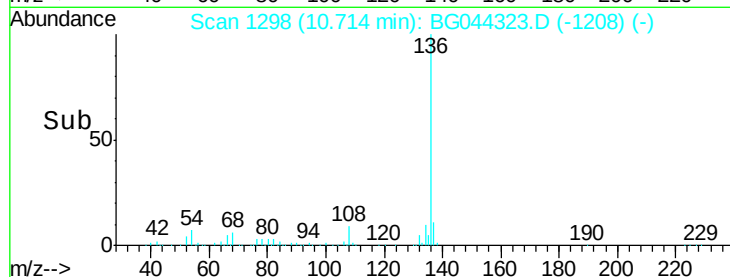
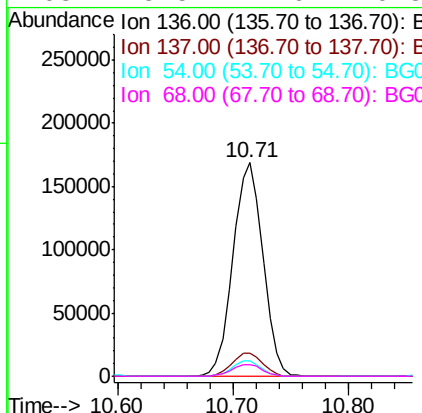
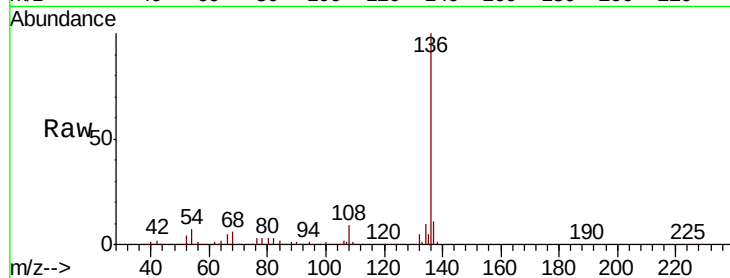
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	302447		
137	10.9		8.8	13.2
54	7.2		5.8	8.8
68	5.5		4.6	6.8

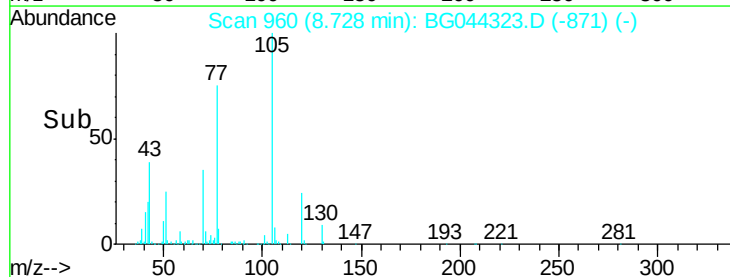
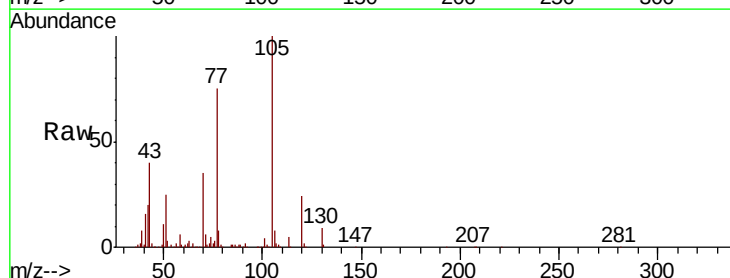
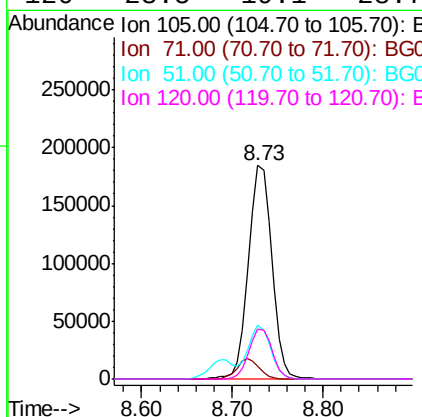
Manual Integrations
APPROVED

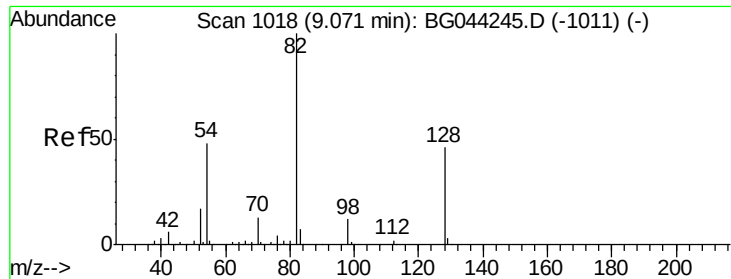
mohammad
2/10/2020 8:16:54 AM



#22
Acetophenone
Concen: 45.093 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	331773		
71	5.8		3.4	5.0#
51	25.0		20.2	30.4
120	23.5		19.1	28.7





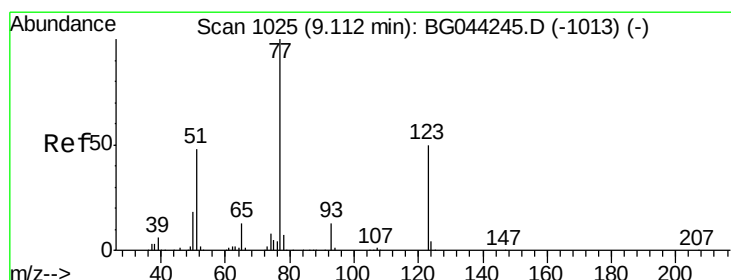
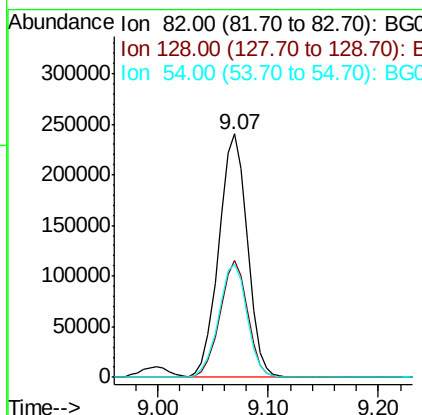
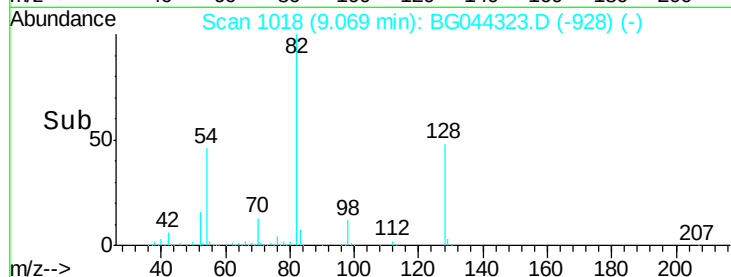
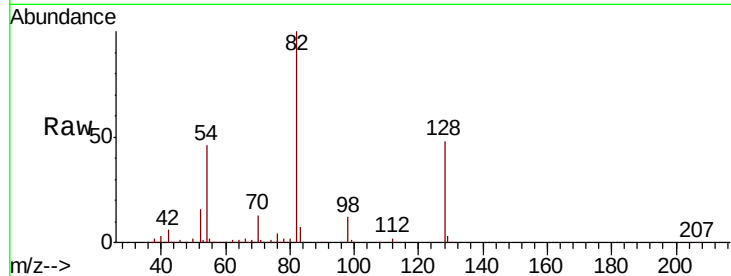
#23
Nitrobenzene-d5
Concen: 80.715 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	432408		
128	47.9	36.5	54.7	
54	46.4	38.6	58.0	

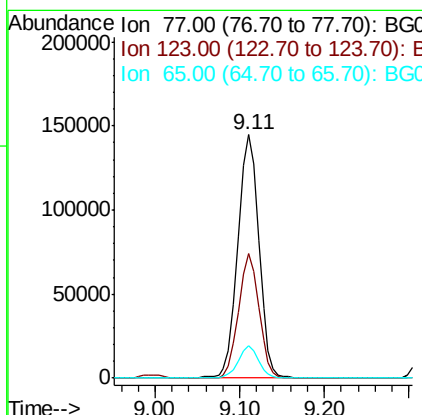
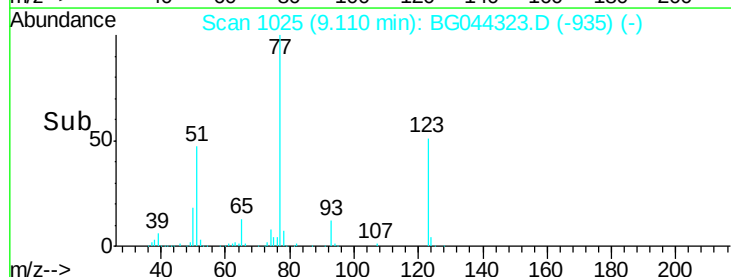
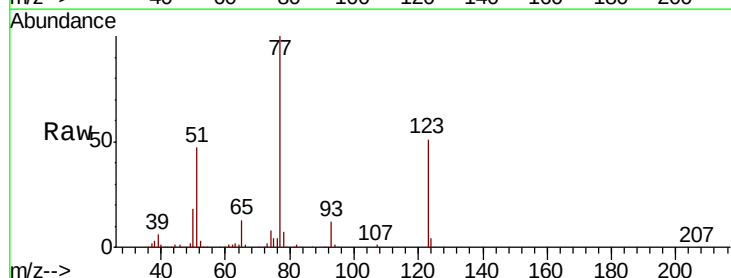
Manual Integrations
APPROVED

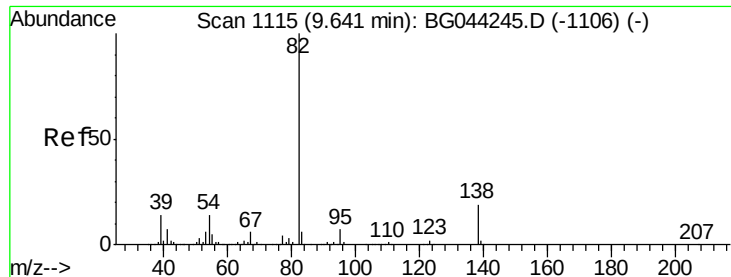
mohammad
2/10/2020 8:16:54 AM



#24
Nitrobenzene
Concen: 47.520 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	248526		
123	51.4	39.9	59.9	
65	13.1	10.4	15.6	





#25

Isophorone

Concen: 47.870 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

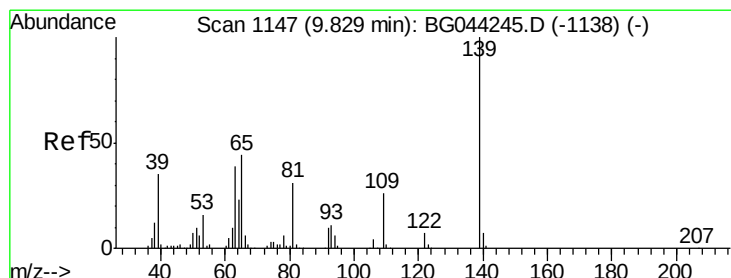
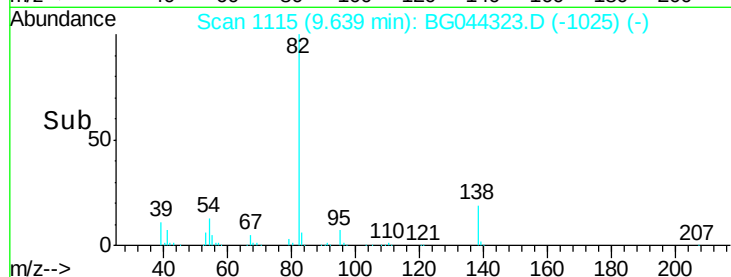
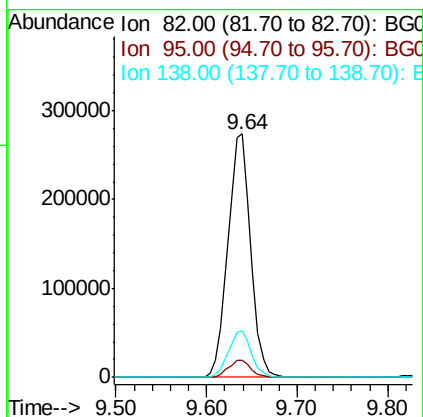
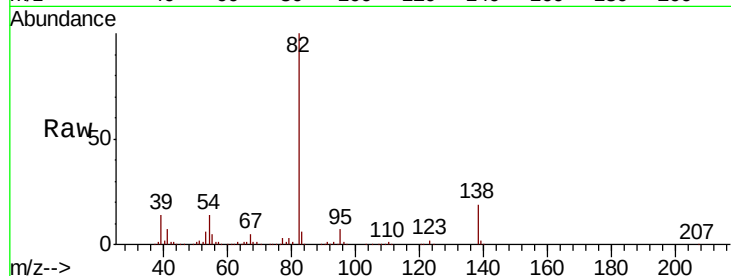
ClientSampleId :

PB126588BS

Tot Ion:	82	Resp:	477987
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.7	8.5
138	19.0	15.0	22.4

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



#26

2-Nitrophenol

Concen: 52.009 ng

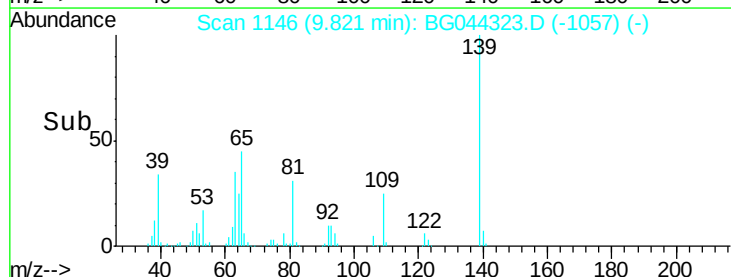
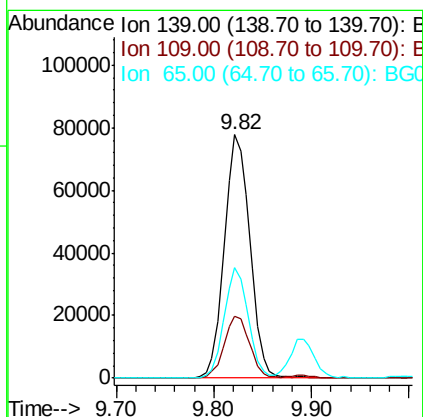
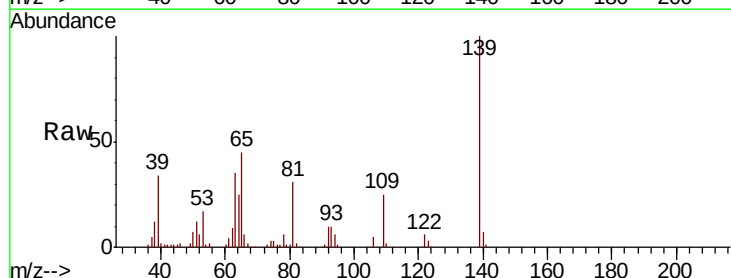
RT: 9.82 min Scan# 1146

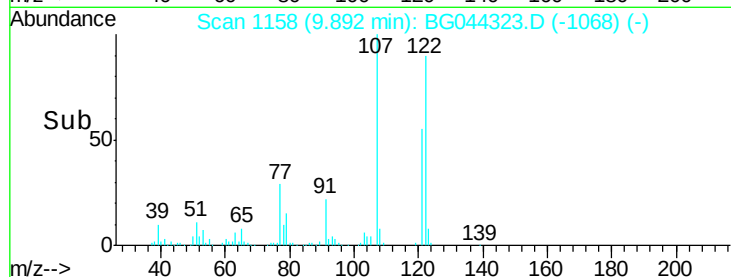
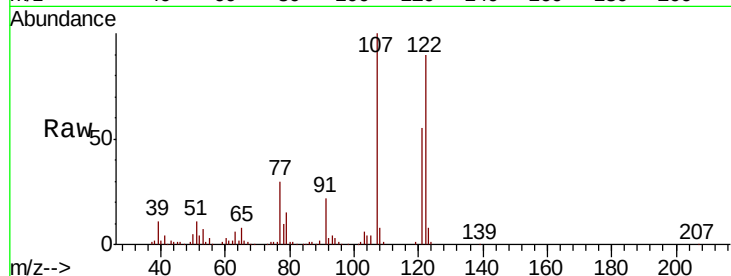
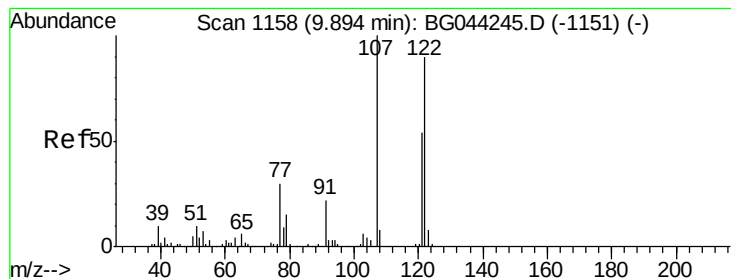
Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tgt Ion:	139	Resp:	141141
Ion Ratio	Lower	Upper	
139	100		
109	25.3	21.0	31.4
65	45.5	35.0	52.4





#27

2,4-Dimethylphenol

Concen: 62.193 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tot Ion:	122	Resp:	238247
Ion Ratio	Lower	Upper	
122	100		
107	111.6	88.8	133.2
121	60.9	48.3	72.5

Instrument :

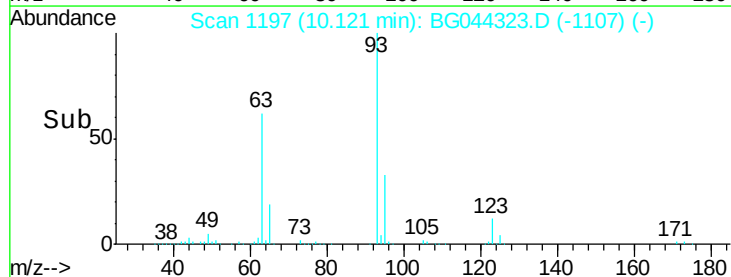
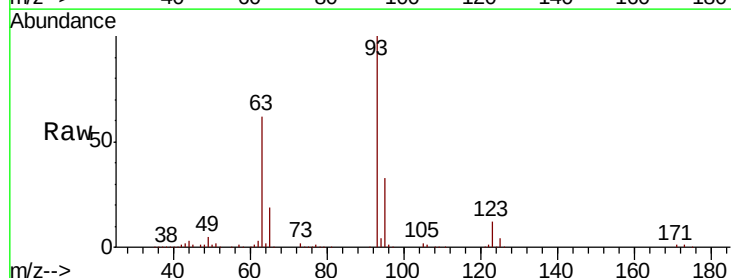
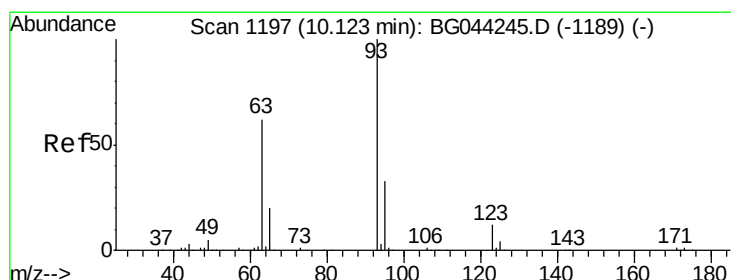
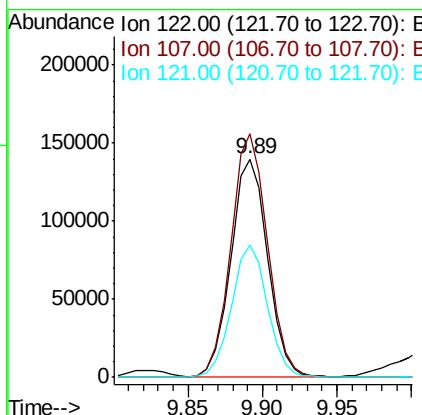
BNA_G

ClientSampleId :

PB126588BS

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



#28

bis(2-Chloroethoxy)methane

Concen: 46.381 ng

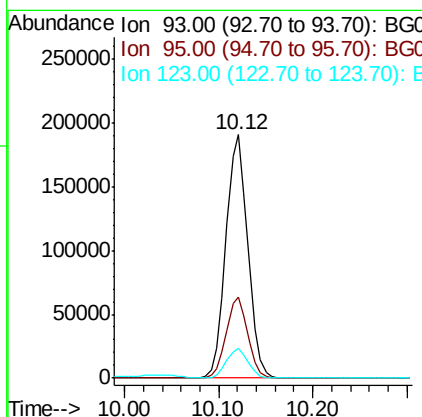
RT: 10.12 min Scan# 1197

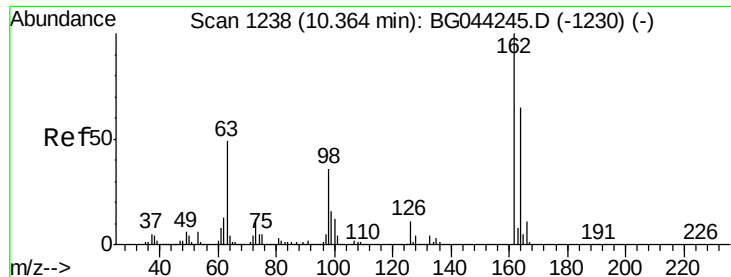
Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tgt Ion:	93	Resp:	308948
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.6	40.0
123	12.3	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 53.878 ng

RT: 10.36 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

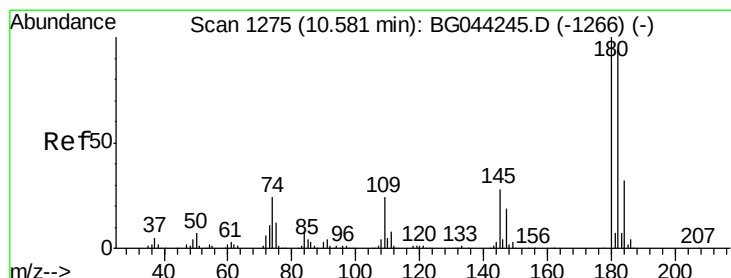
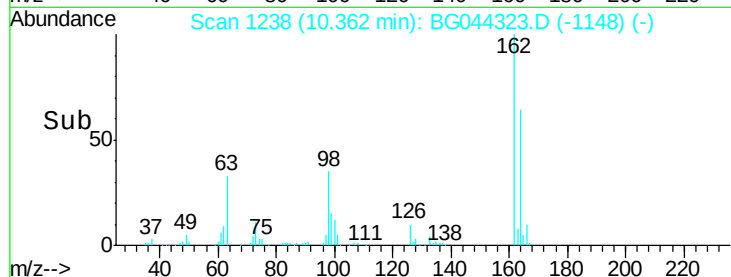
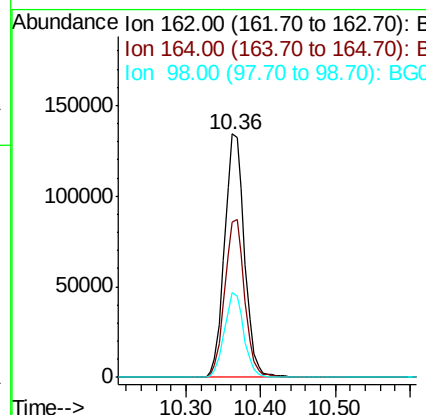
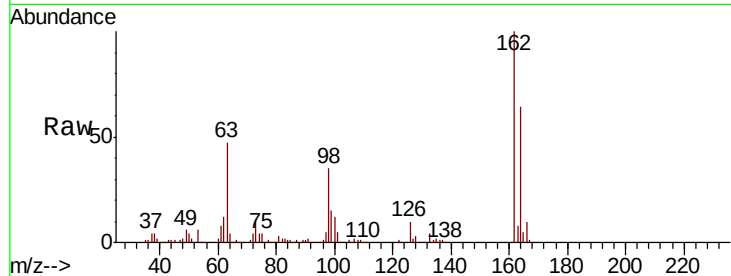
ClientSampleId :

PB126588BS

Tot Ion:	162	Resp:	249563
Ion Ratio		Lower	Upper
162	100		
164	63.8	44.7	84.7
98	34.9	15.8	55.8

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



#30

1,2,4-Trichlorobenzene

Concen: 46.244 ng

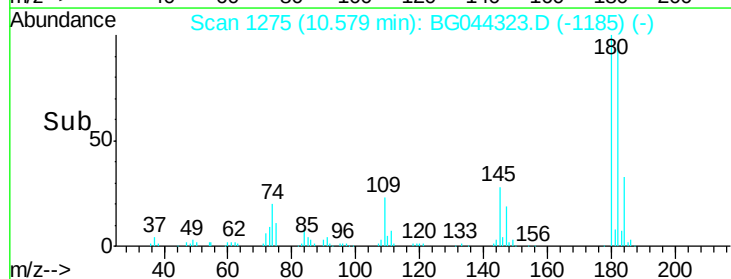
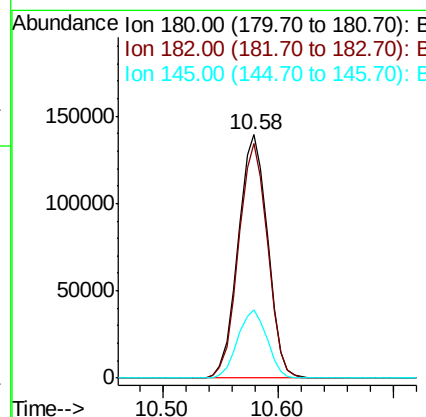
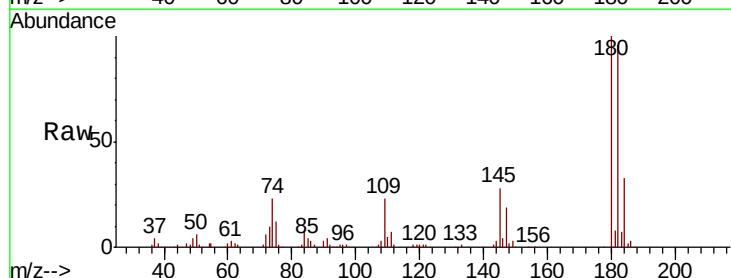
RT: 10.58 min Scan# 1275

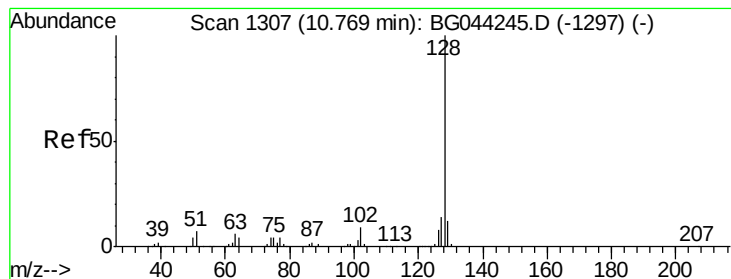
Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tgt Ion:	180	Resp:	245614
Ion Ratio		Lower	Upper
180	100		
182	96.3	75.5	113.3
145	27.8	22.6	34.0





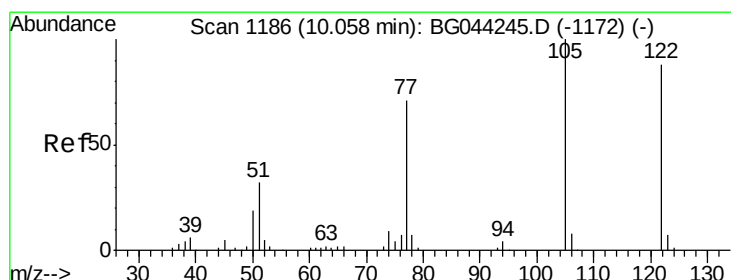
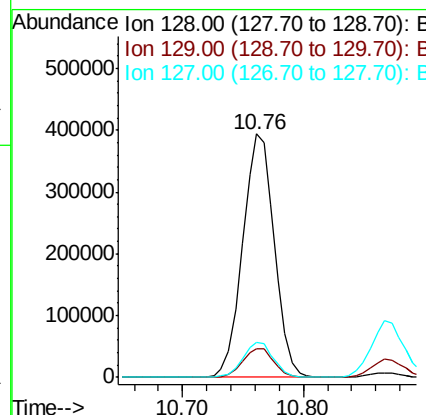
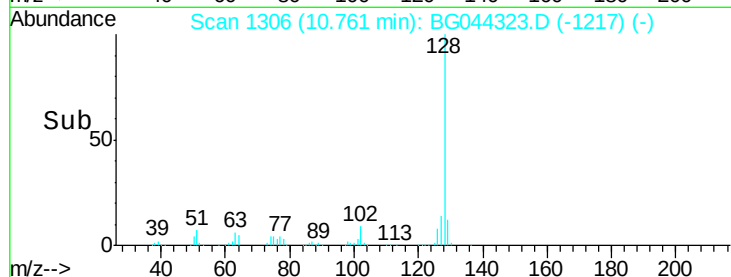
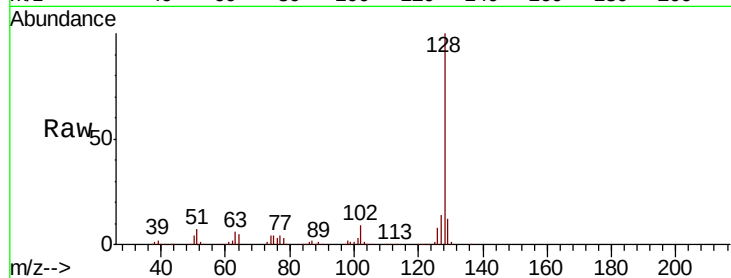
#31
Naphthalene
Concen: 48.781 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	14.3	11.6	17.4

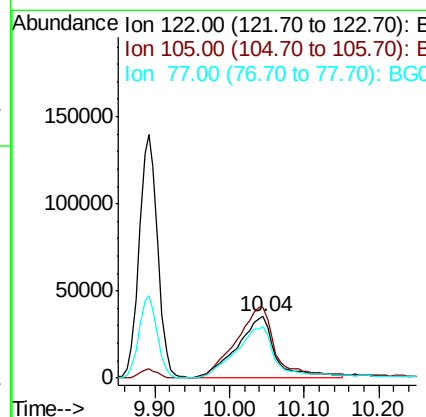
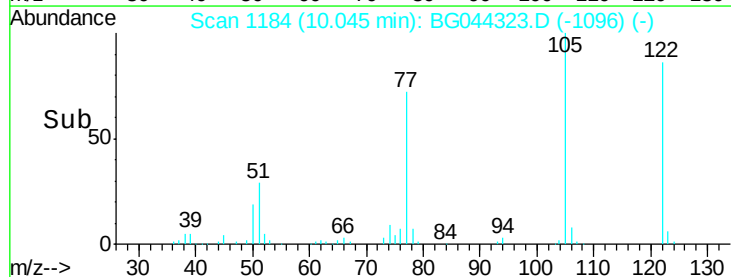
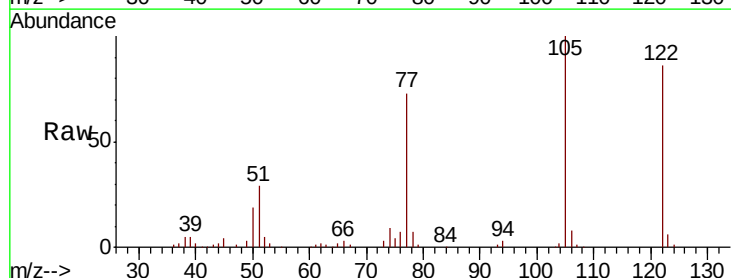
Manual Integrations
APPROVED

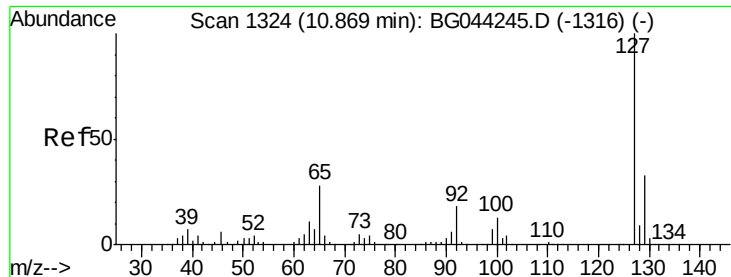
mohammad
2/10/2020 8:16:54 AM



#32
Benzoic acid
Concen: 48.321 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.2	93.5	133.5
77	84.3	61.0	101.0





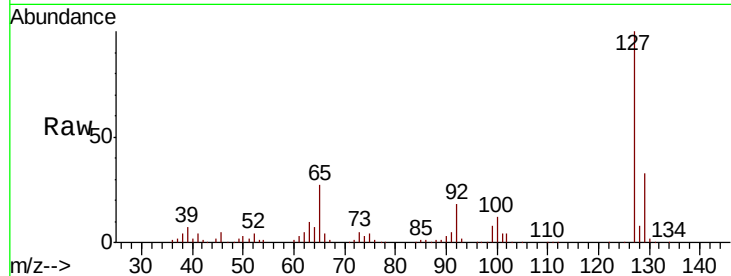
#33
4-Chloroaniline
Concen: 26.406 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

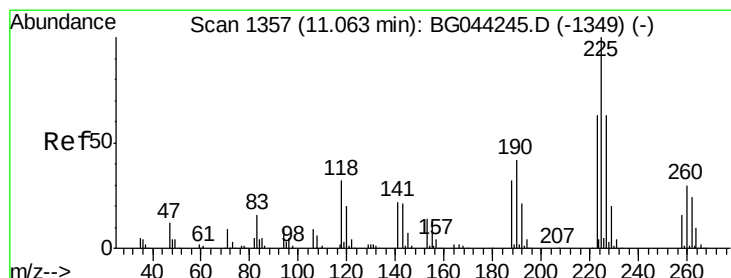
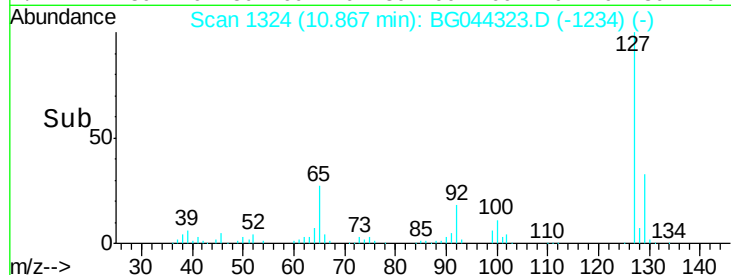
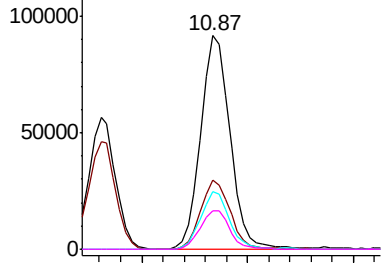
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		176224		
129	32.5	26.6	40.0		
65	26.8	22.5	33.7		
92	17.7	14.1	21.1		

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM

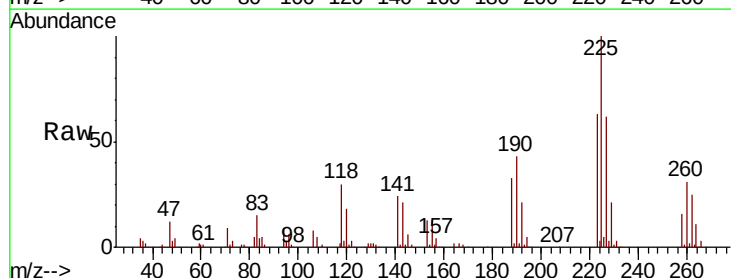


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

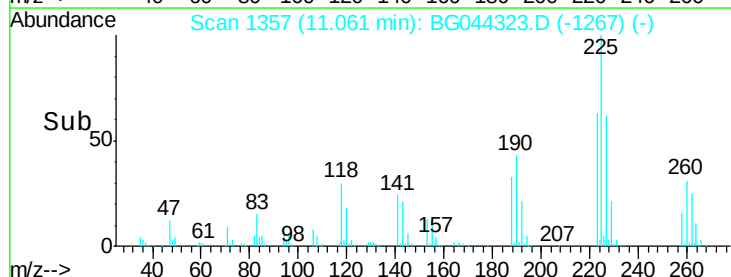
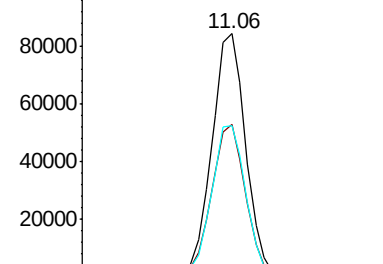


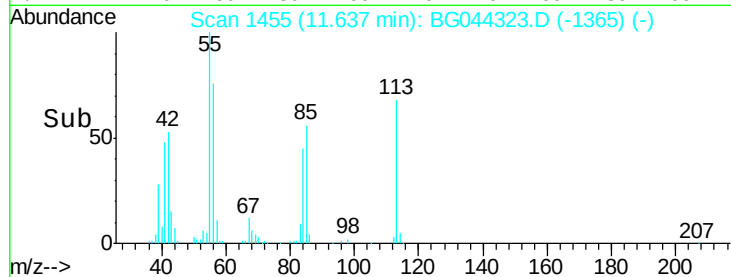
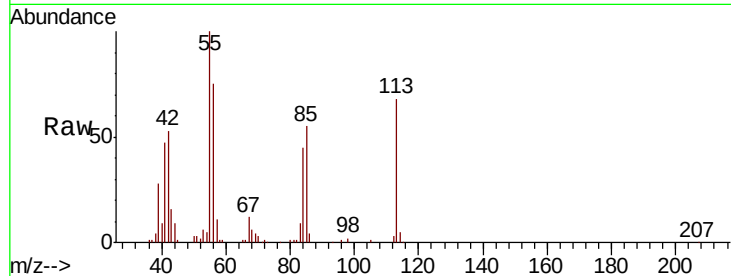
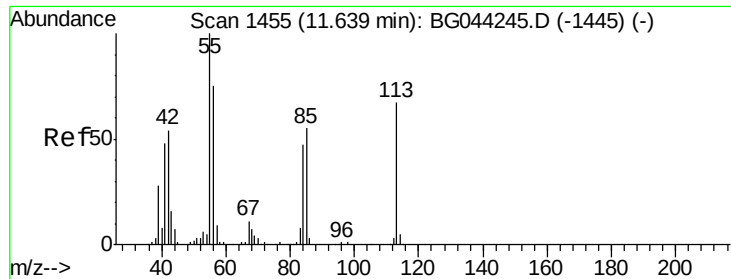
#34
Hexachlorobutadiene
Concen: 43.458 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		142028		
223	62.6	50.2	75.4		
227	62.2	50.8	76.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 57.683 ng/mL

RT: 11.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleID :

PB126588BS

Tot Ion:113 Resp: 97877

Ion Ratio Lower Upper

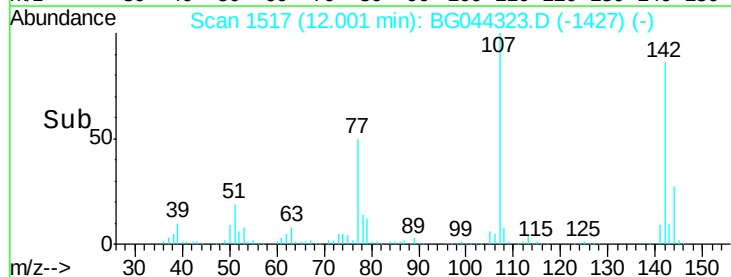
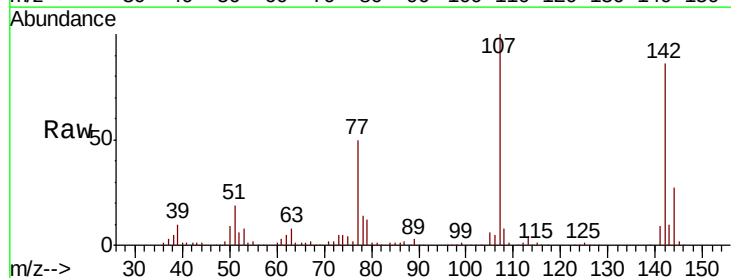
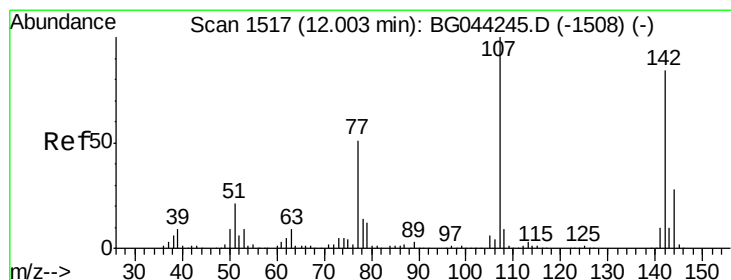
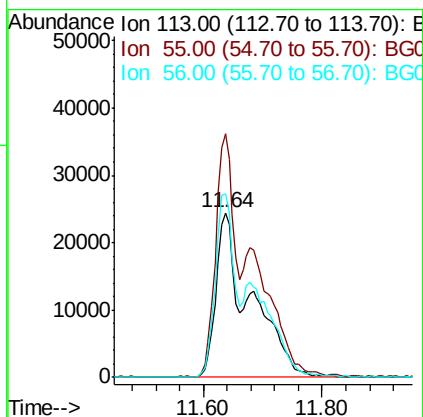
113 100

55 147.9 129.9 169.9

56 111.6 92.5 132.5

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



#36

4-Chloro-3-methylphenol

Concen: 55.225 ng/mL

RT: 12.00 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

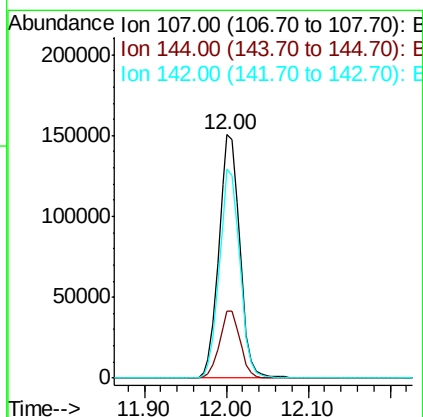
Tgt Ion:107 Resp: 268197

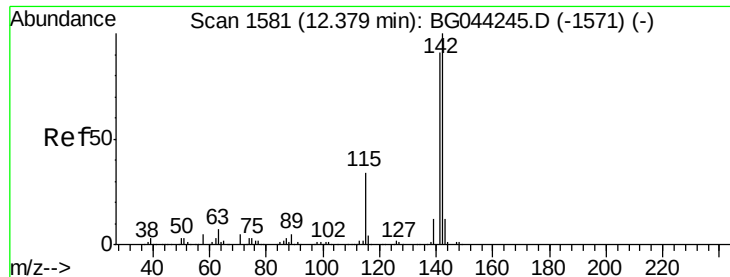
Ion Ratio Lower Upper

107 100

144 27.3 22.2 33.4

142 85.7 67.4 101.0





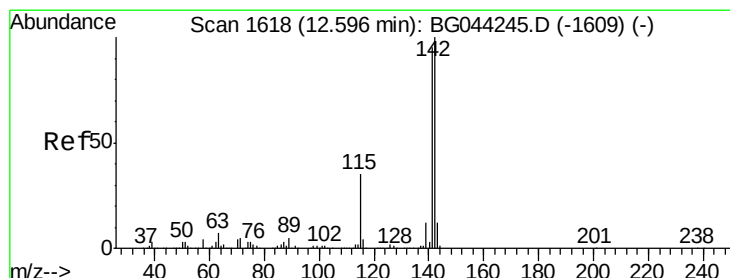
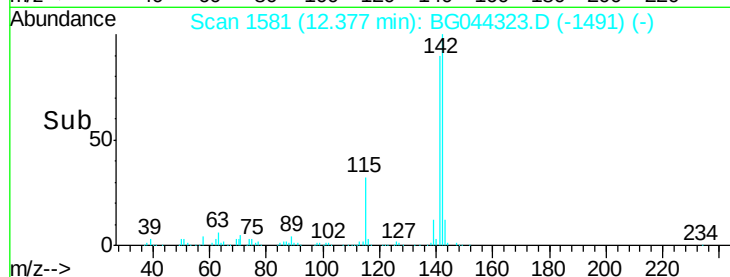
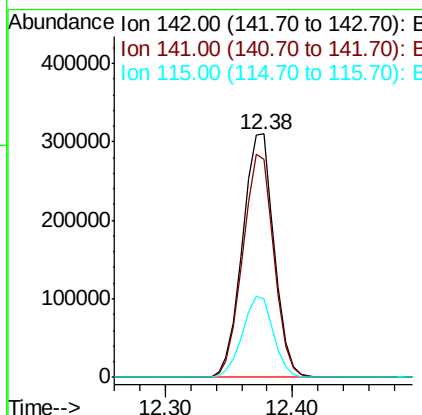
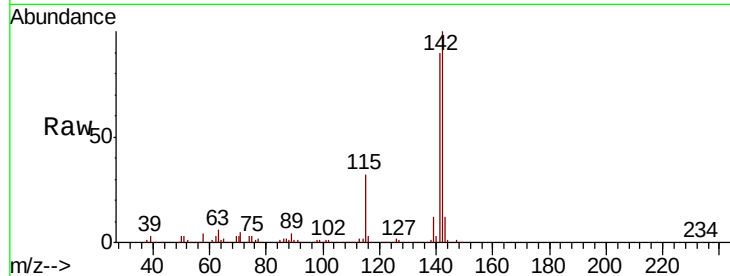
#37
2-Methylnaphthalene
Concen: 49.254 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.2	109.8
115	32.1	27.1	40.7

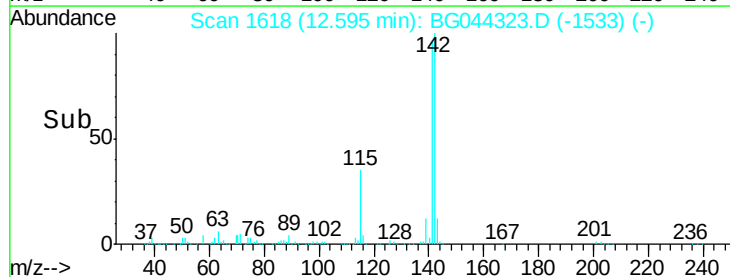
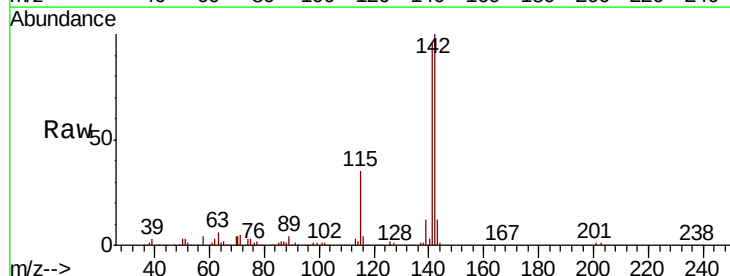
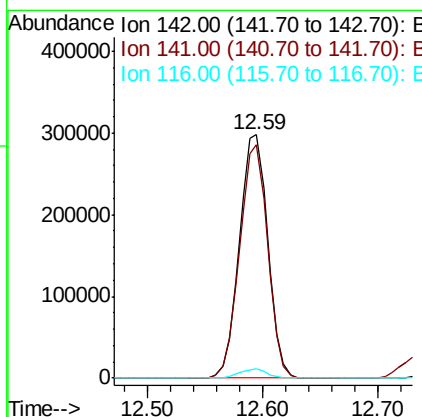
Manual Integrations
APPROVED

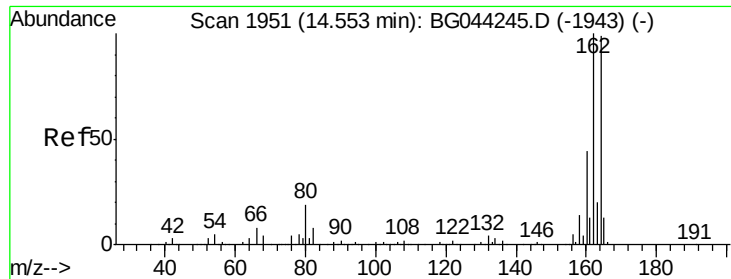
mohammad
2/10/2020 8:16:54 AM



#38
1-Methylnaphthalene
Concen: 49.454 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.8	113.6
116	3.7	3.1	4.7





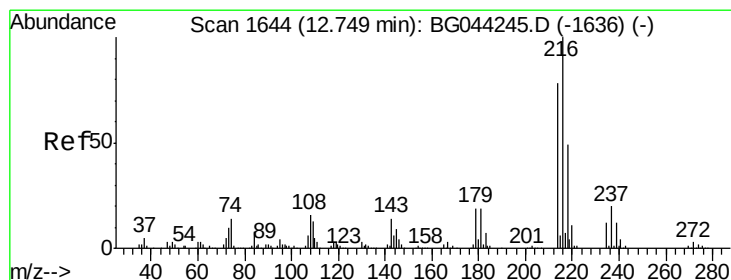
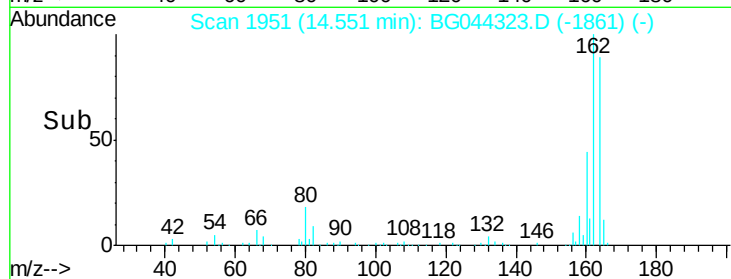
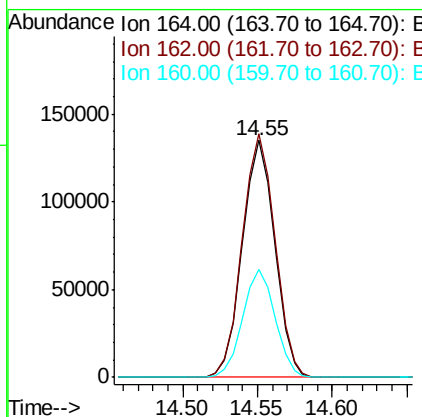
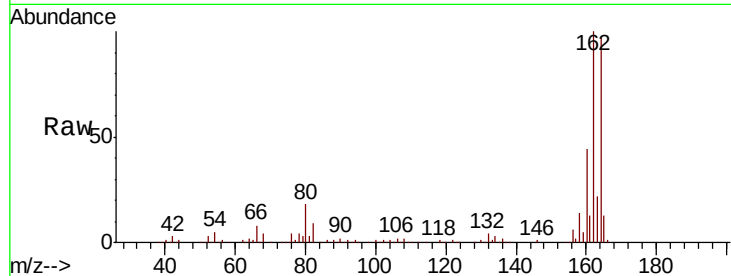
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.7	121.1
160	45.4	35.3	52.9

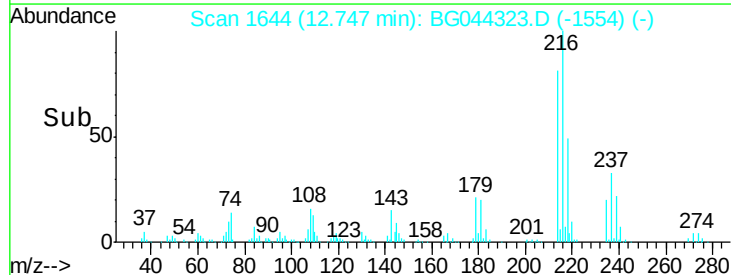
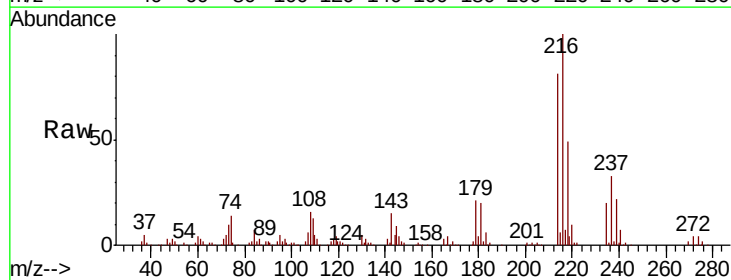
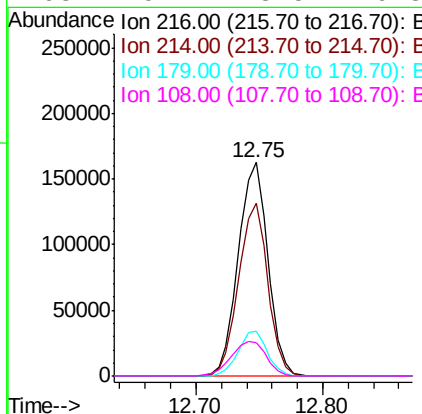
Manual Integrations
APPROVED

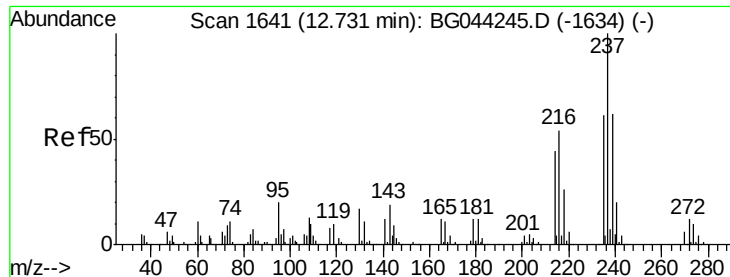
mohammad
2/10/2020 8:16:54 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.313 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.6
179	20.7	16.2	24.4
108	19.1	13.5	20.3





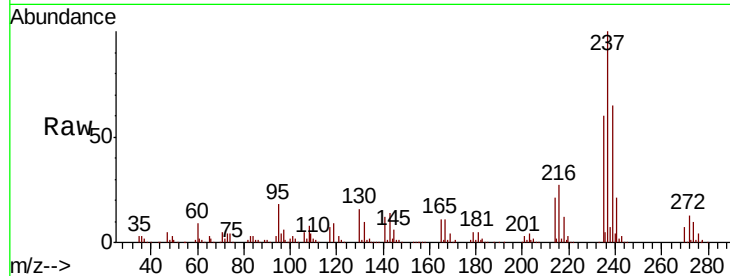
#41
Hexachlorocyclopentadiene
Concen: 112.408 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.0	41.2	81.2
272	12.7	0.0	32.4

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM

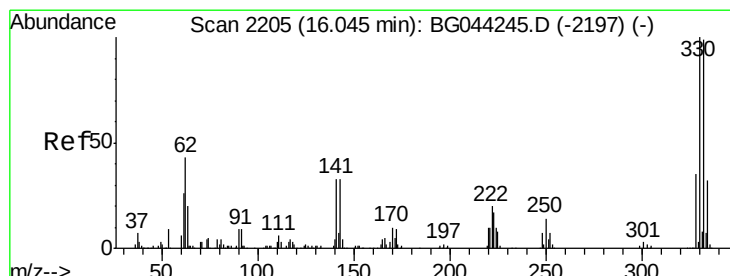
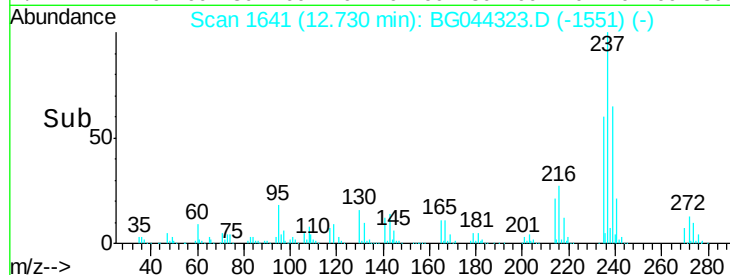
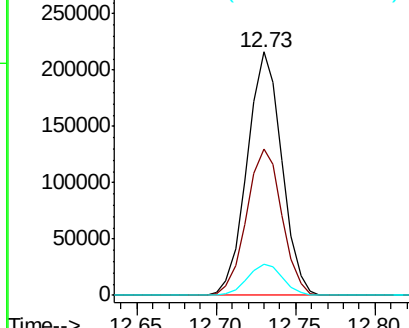


Abundance

Ion 236.80 (236.50 to 237.50): E

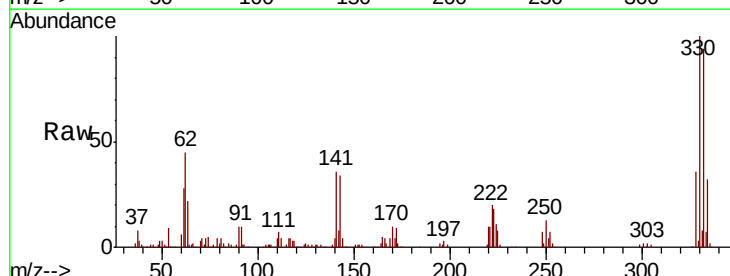
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 98.033 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.7	77.2	115.8
141	34.7	28.3	42.5

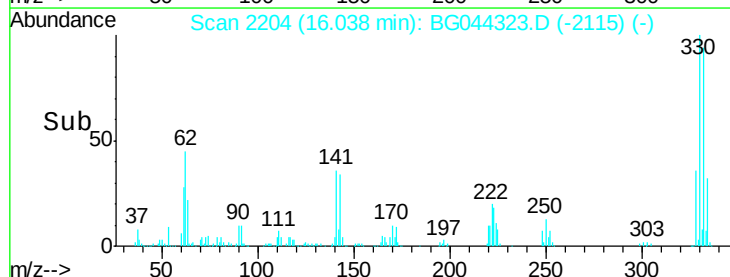
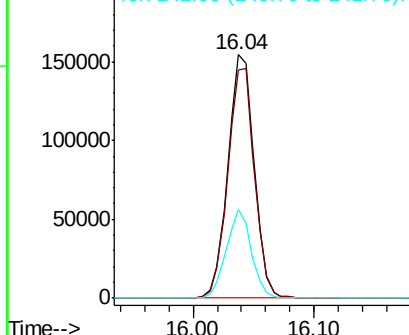


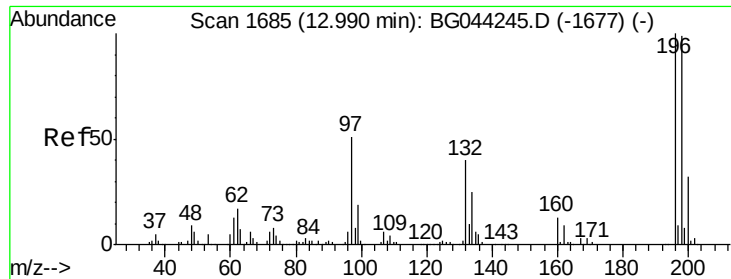
Abundance

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





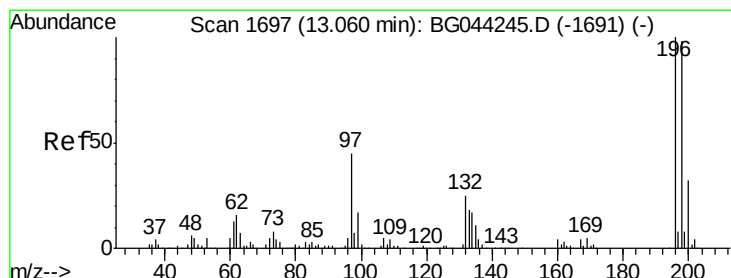
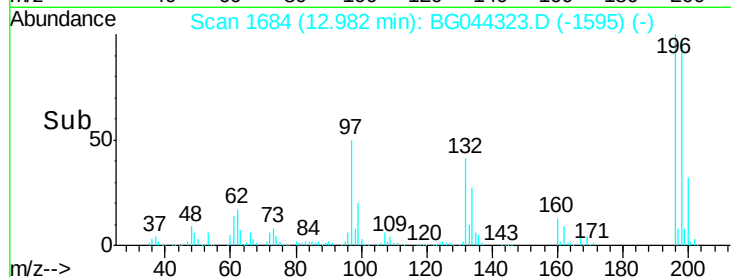
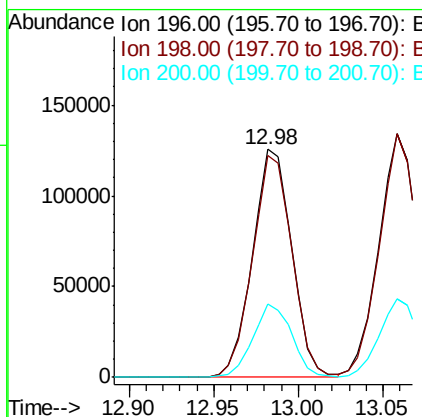
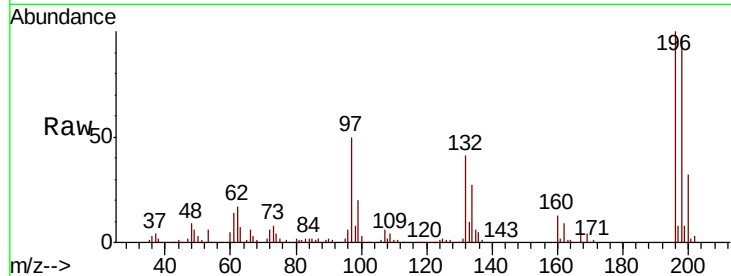
#43
2,4,6-Trichlorophenol
Concen: 51.829 ng
RT: 12.98 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	203532		
198	97.5	79.3	118.9	
200	32.1	25.7	38.5	

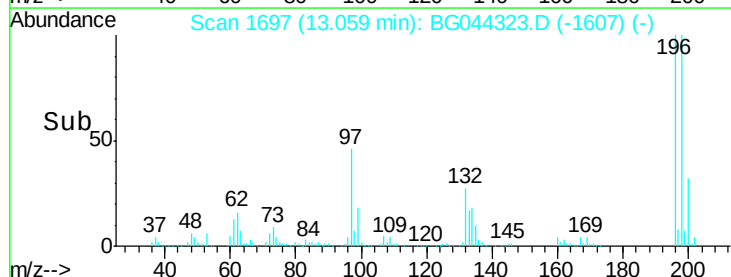
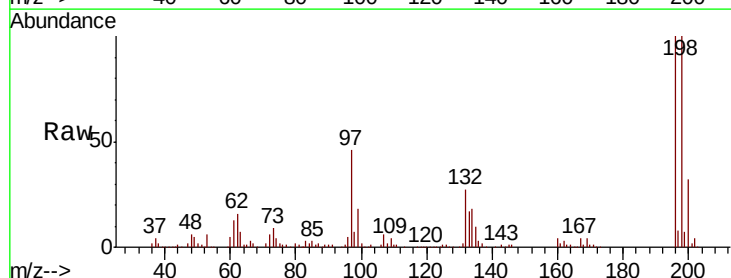
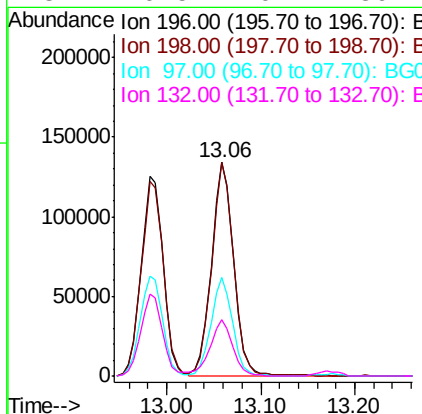
Manual Integrations
APPROVED

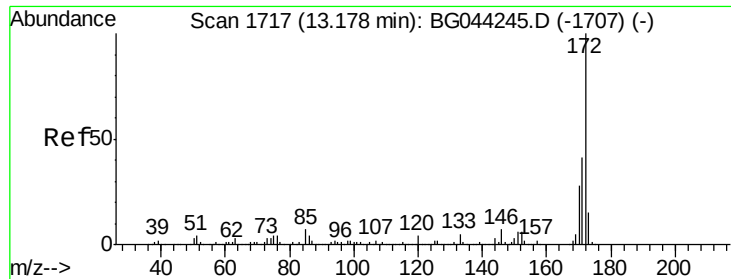
mohammad
2/10/2020 8:16:54 AM



#44
2,4,5-Trichlorophenol
Concen: 55.085 ng
RT: 13.06 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	220947		
198	100.0	78.2	117.2	
97	45.9	36.2	54.4	
132	26.5	20.2	30.4	





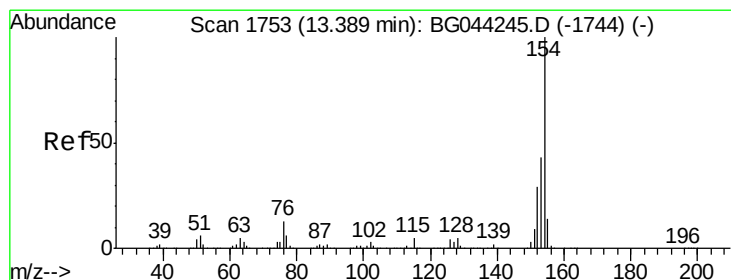
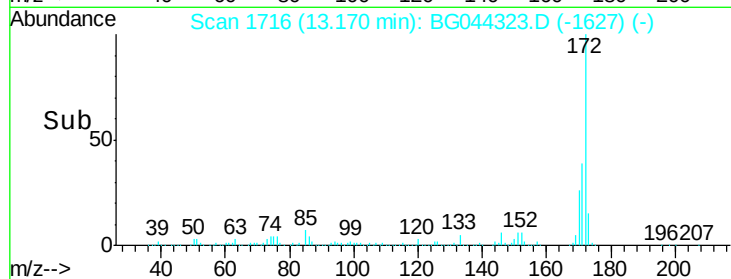
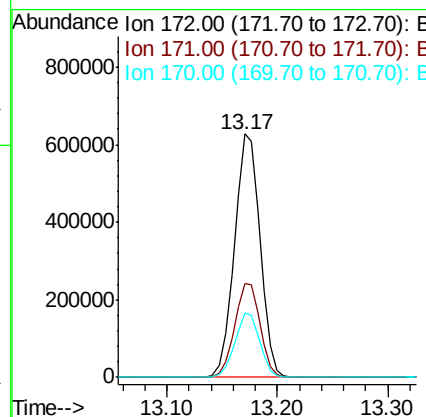
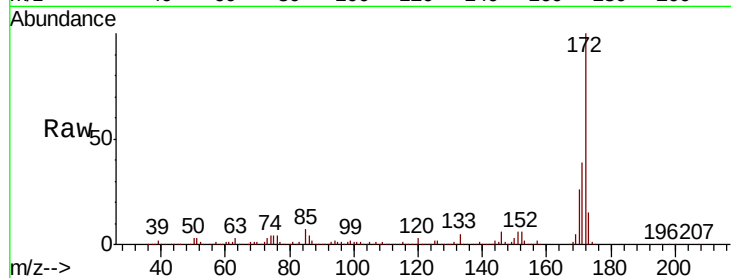
#45
2-Fluorobiphenyl
Concen: 84.012 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.9	49.3
170	26.4	22.0	33.0

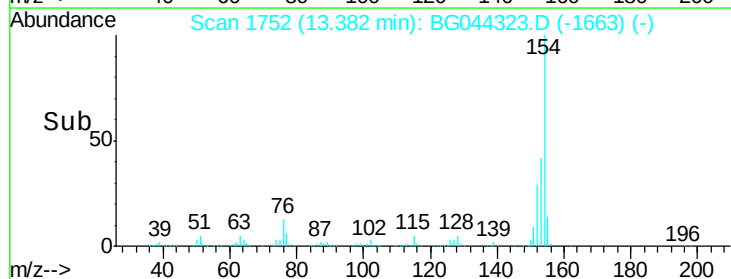
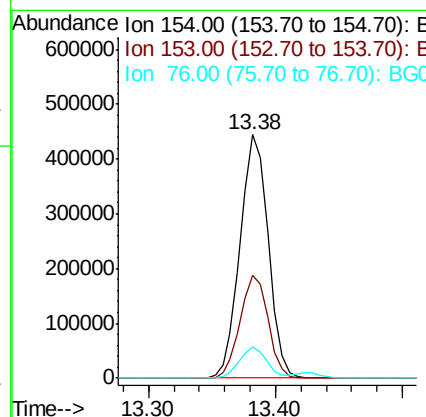
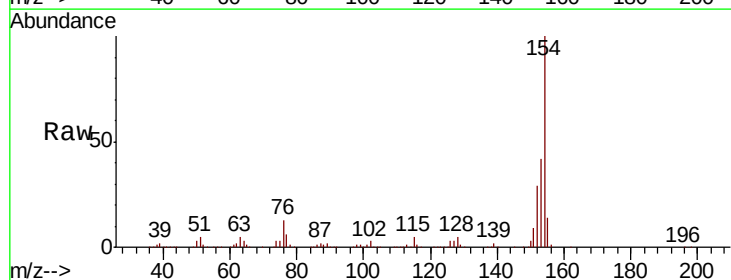
Manual Integrations
APPROVED

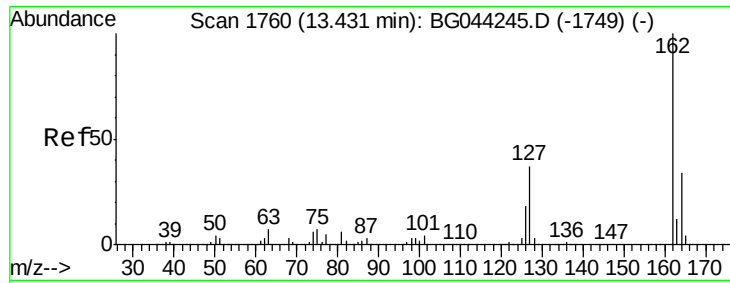
mohammad
2/10/2020 8:16:54 AM



#46
1,1'-Biphenyl
Concen: 46.504 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.7	62.7
76	12.7	0.0	32.9





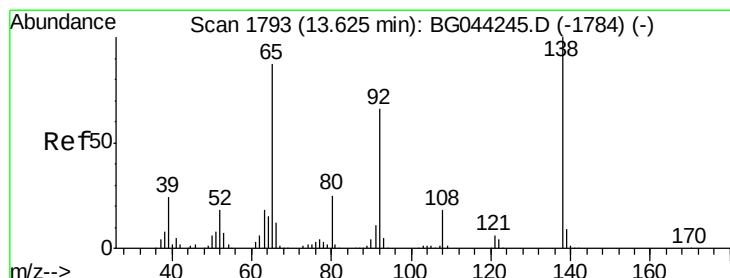
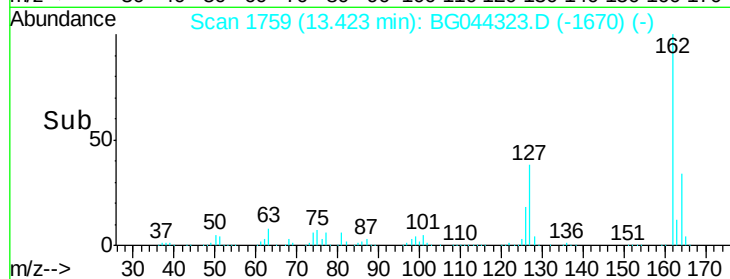
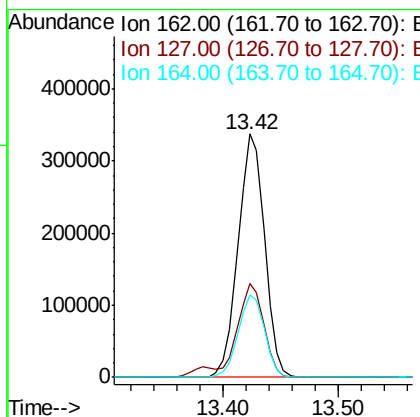
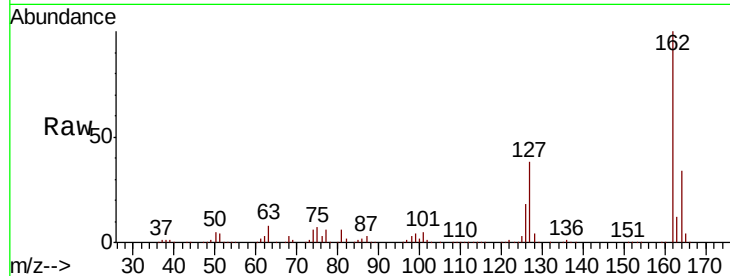
#47
 2-Chloronaphthalene
 Concen: 45.863 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.0	45.0
164	33.9	27.2	40.8

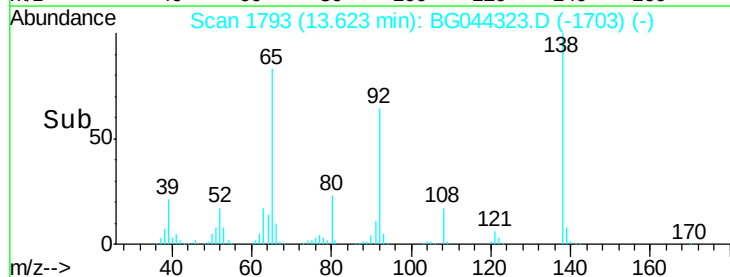
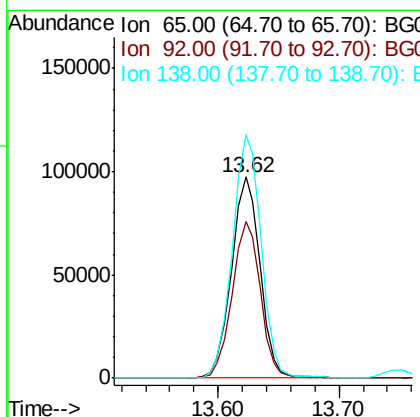
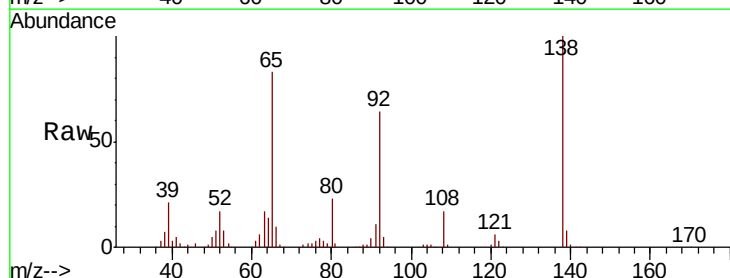
Manual Integrations
 APPROVED

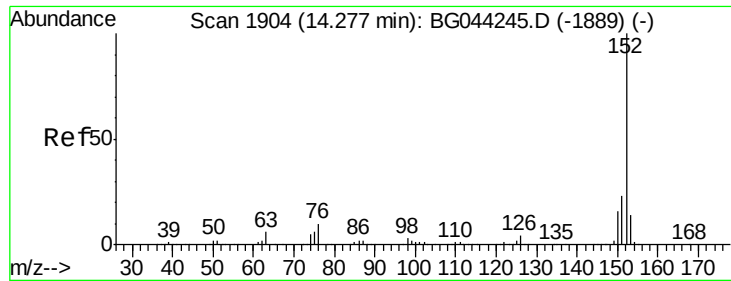
mohammad
 2/10/2020 8:16:54 AM



#48
 2-Nitroaniline
 Concen: 46.795 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.9	60.3	90.5
138	121.0	91.9	137.9





#49

Acenaphthylene

Concen: 50.322 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

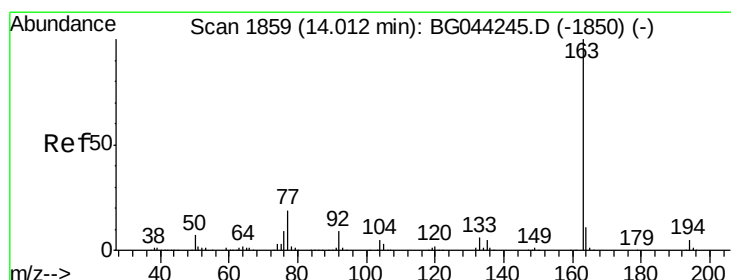
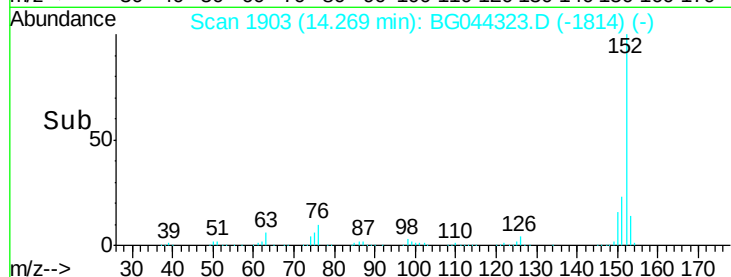
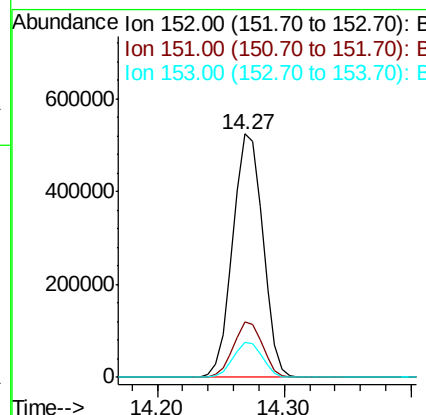
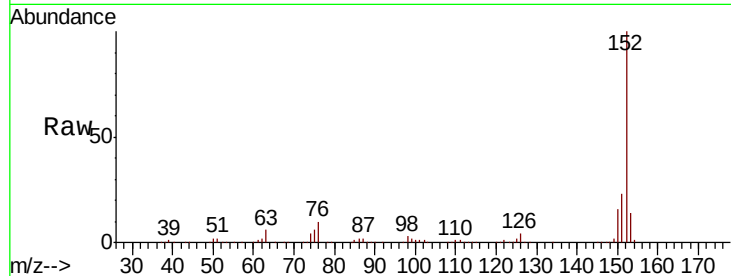
ClientSampleId :

PB126588BS

Tot Ion:	152	Resp:	860435
Ion Ratio		Lower	Upper
152	100		
151	22.6	18.1	27.1
153	14.5	11.5	17.3

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



#50

Dimethylphthalate

Concen: 49.282 ng

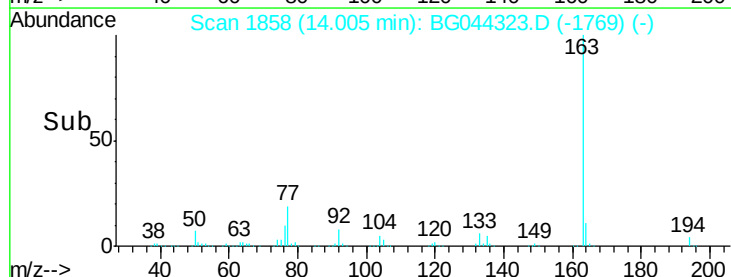
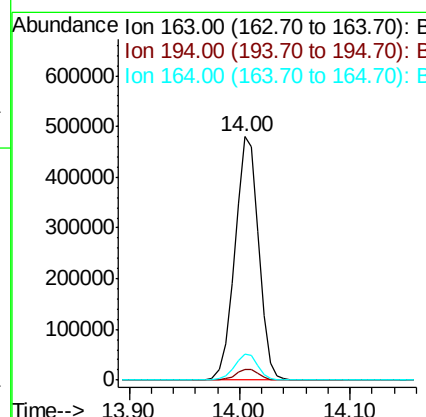
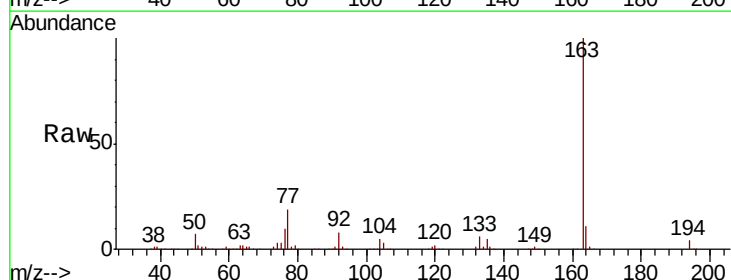
RT: 14.00 min Scan# 1858

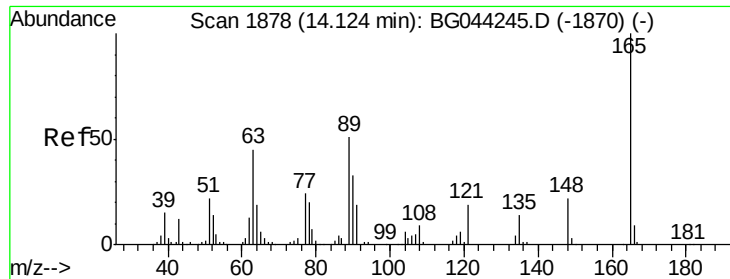
Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tgt Ion:	163	Resp:	719493
Ion Ratio		Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.7	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 50.900 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

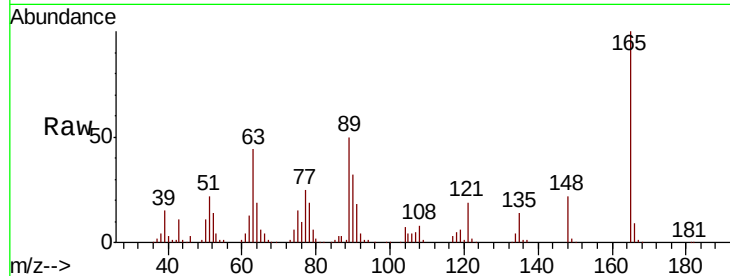
ClientSampled :

PB126588BS

Tot Ion:	165	Resp:	165690
Ion Ratio	Lower	Upper	
165	100		
63	43.8	38.7	58.1
89	49.8	40.4	60.6

Manual Integrations
APPROVED

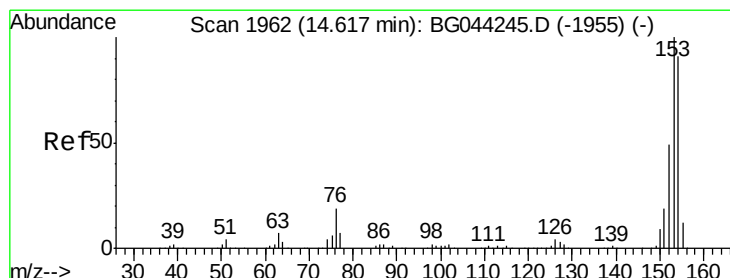
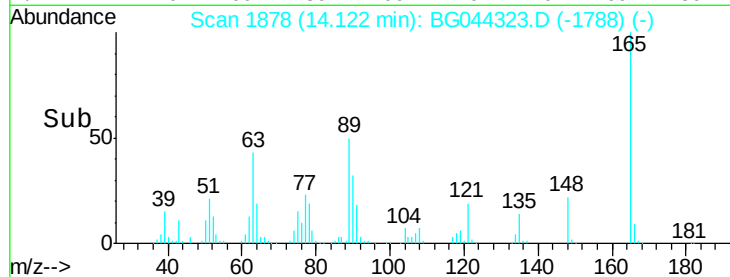
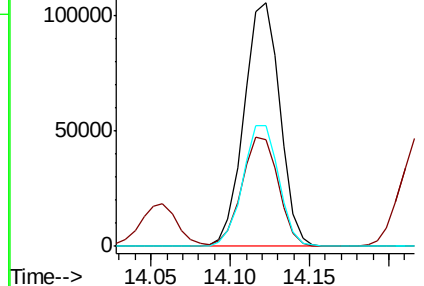
mohammad
2/10/2020 8:16:54 AM



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



#52

Acenaphthene

Concen: 47.509 ng

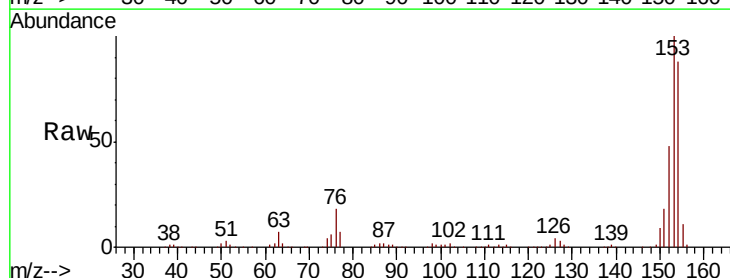
RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

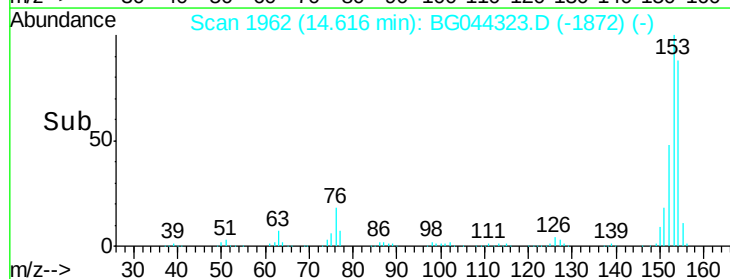
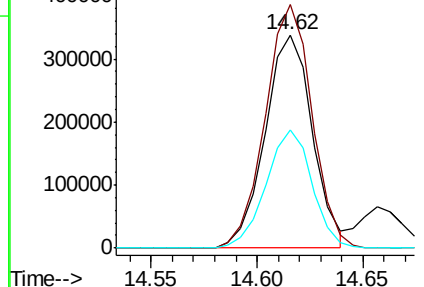
Tgt Ion:	154	Resp:	526539
Ion Ratio	Lower	Upper	
154	100		
153	114.1	87.9	131.9
152	55.2	43.1	64.7

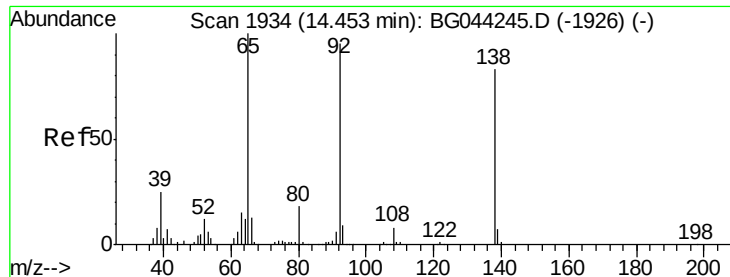


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





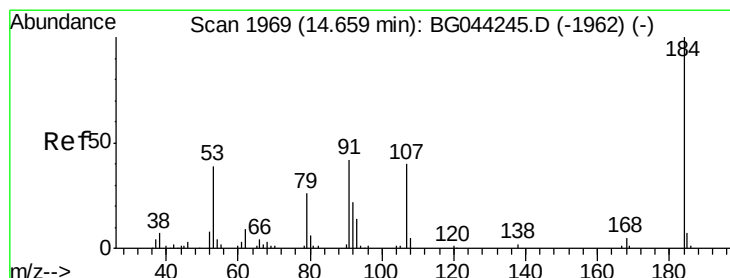
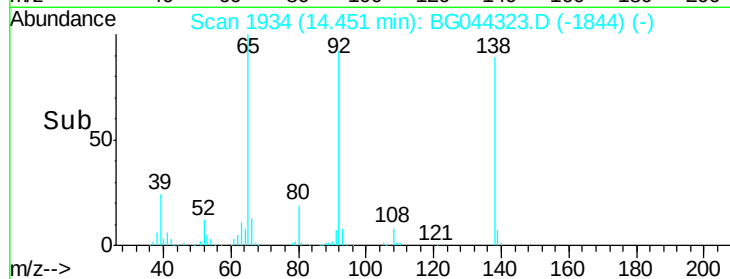
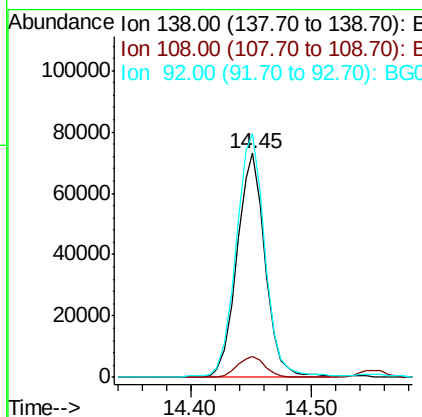
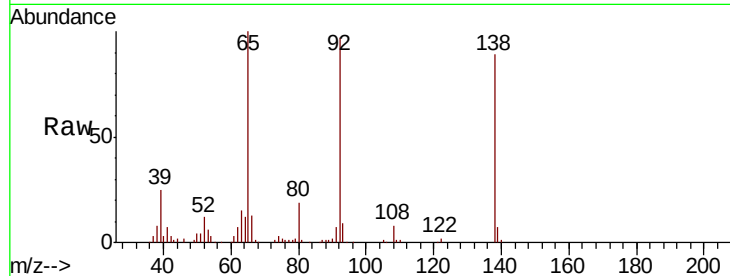
#53
 3-Nitroaniline
 Concen: 33.009 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	108.7	91.0	136.4

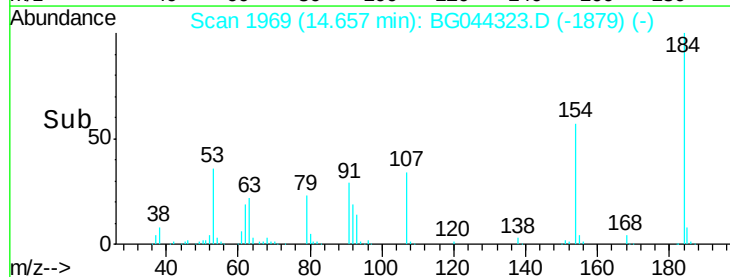
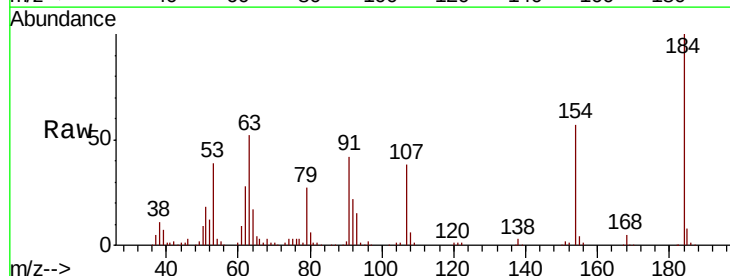
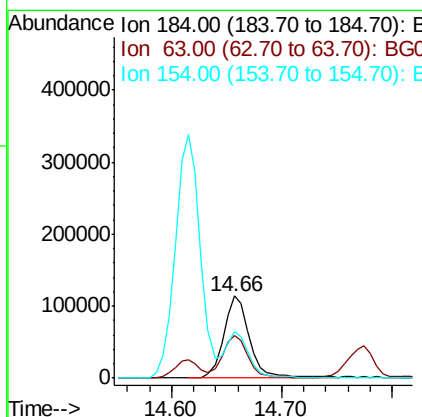
Manual Integrations
 APPROVED

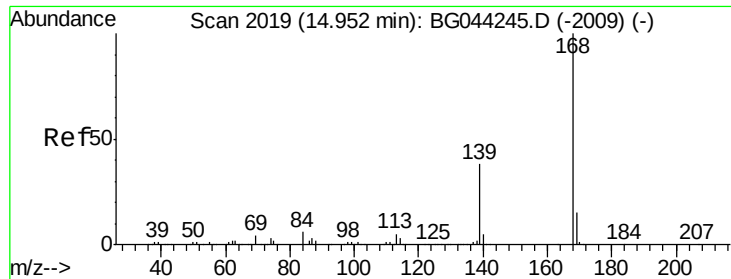
mohammad
 2/10/2020 8:16:54 AM



#54
 2,4-Dinitrophenol
 Concen: 95.004 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.6	44.1	66.1
154	57.2	45.4	68.0





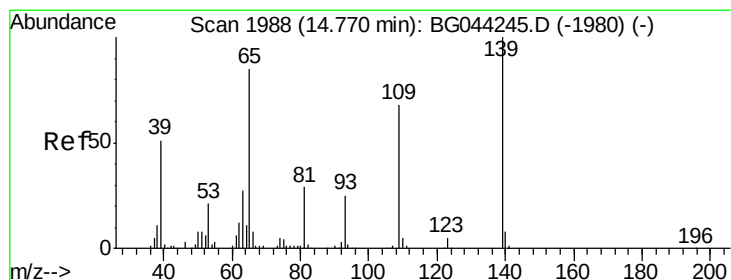
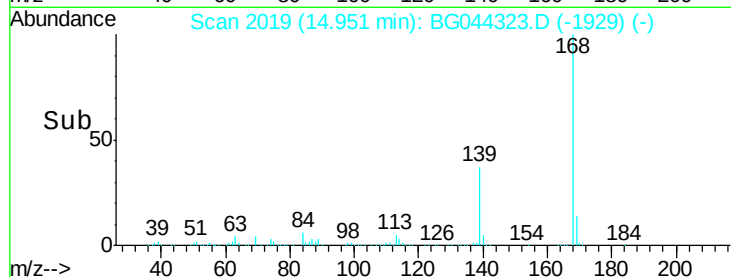
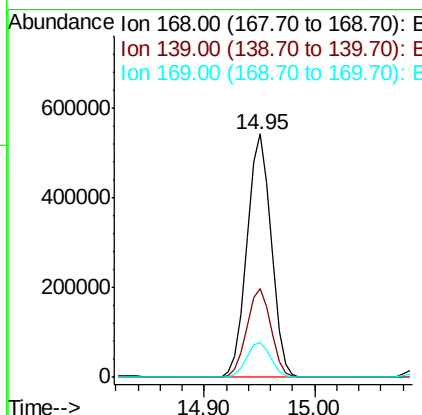
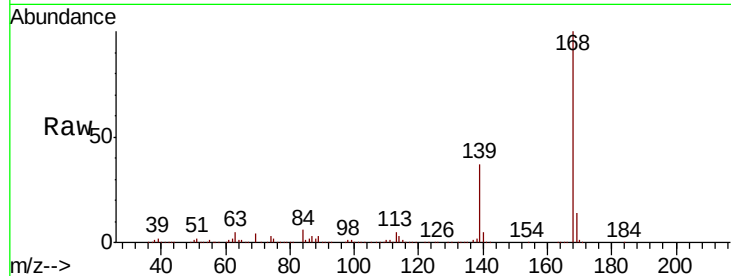
#55
Dibenzenofuran
Concen: 50.039 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.5	45.7
169	14.3	11.7	17.5

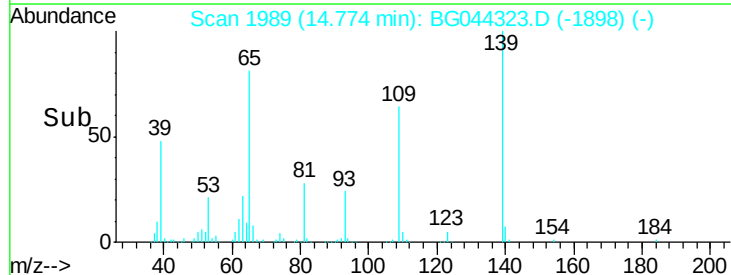
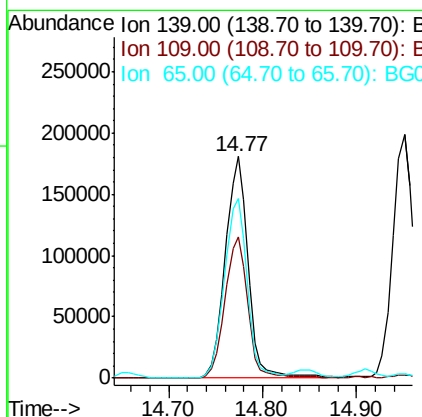
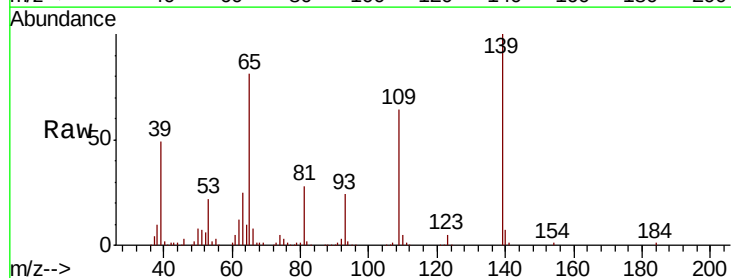
Manual Integrations
APPROVED

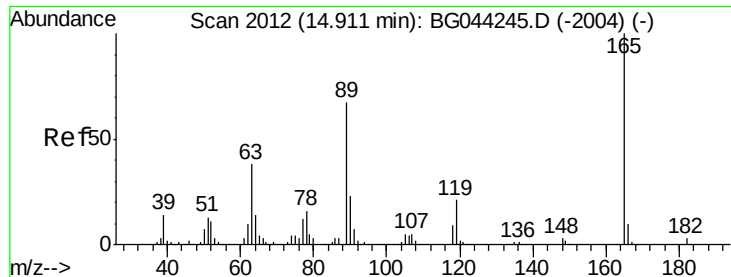
mohammad
2/10/2020 8:16:54 AM



#56
4-Nitrophenol
Concen: 116.416 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.8	47.5	87.5
65	81.3	64.9	104.9





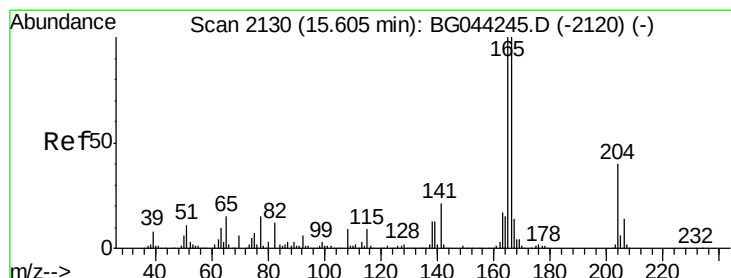
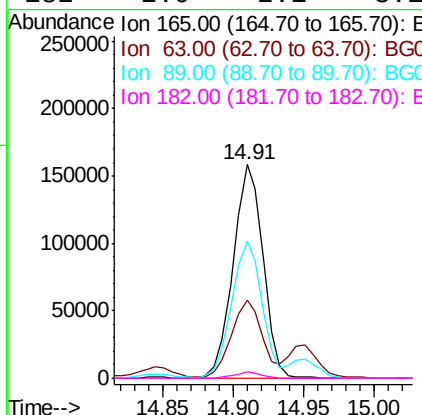
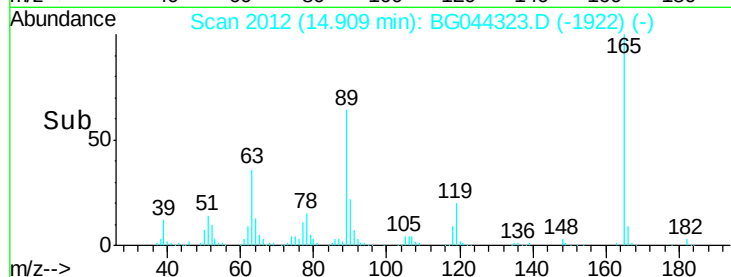
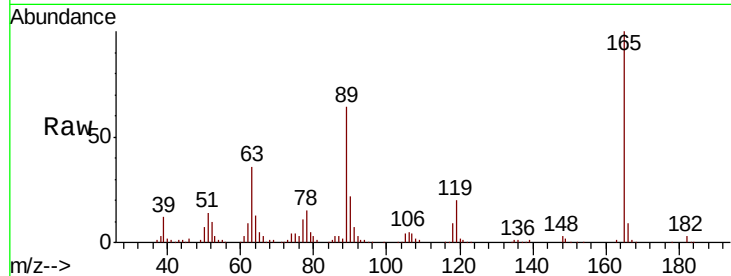
#57
2,4-Dinitrotoluene
Concen: 51.181 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	233508		
63	36.3		30.3	45.5
89	64.1		53.4	80.2
182	2.9		2.1	3.1

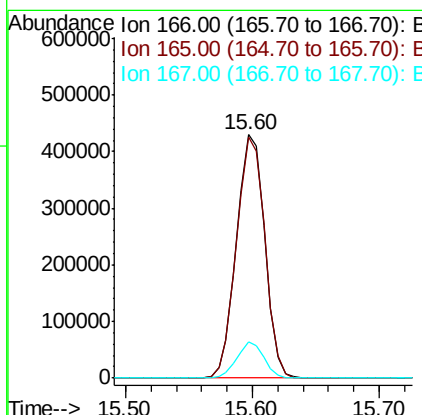
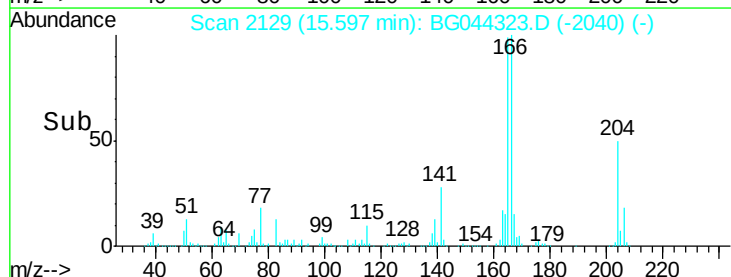
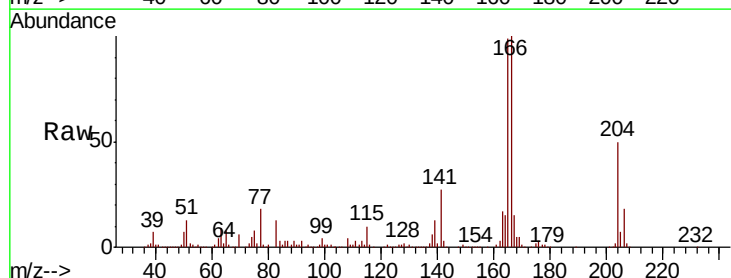
Manual Integrations
APPROVED

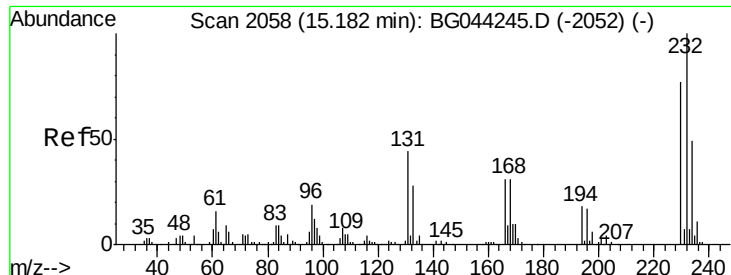
mohammad
2/10/2020 8:16:54 AM



#58
Fluorene
Concen: 50.230 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	663861		
165	99.1		79.9	119.9
167	14.7		11.4	17.0





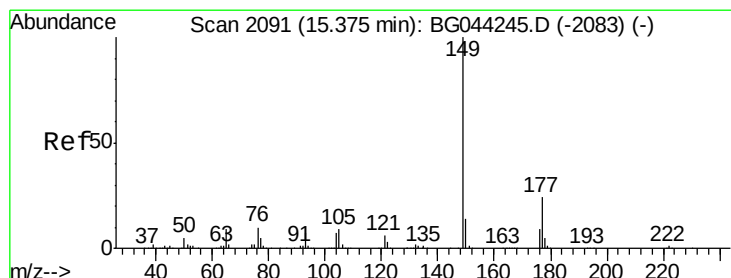
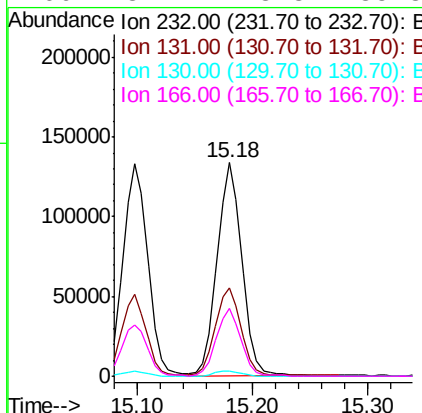
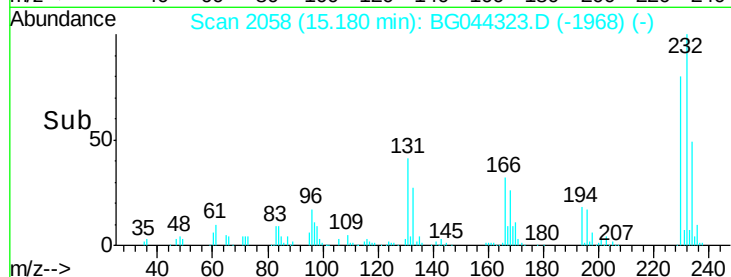
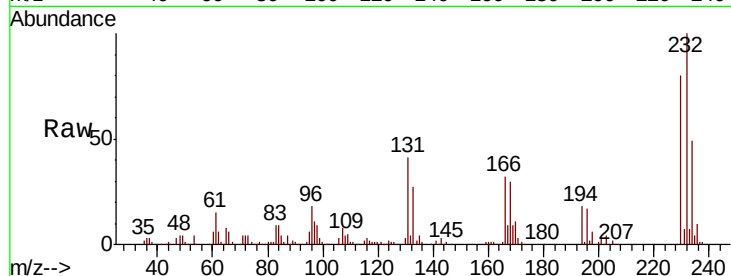
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.823 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	198625		
131	42.1		34.2	51.4
130	2.6		1.8	2.8
166	31.1		23.8	35.8

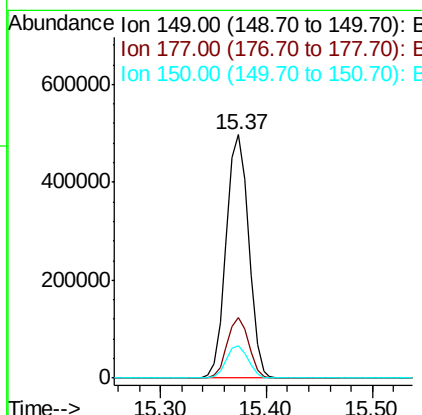
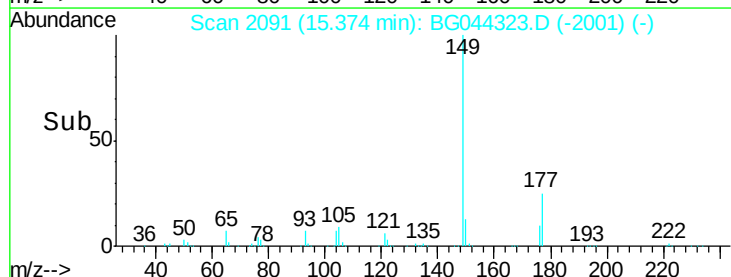
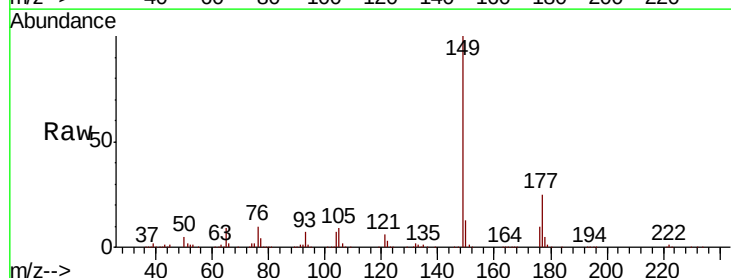
Manual Integrations
 APPROVED

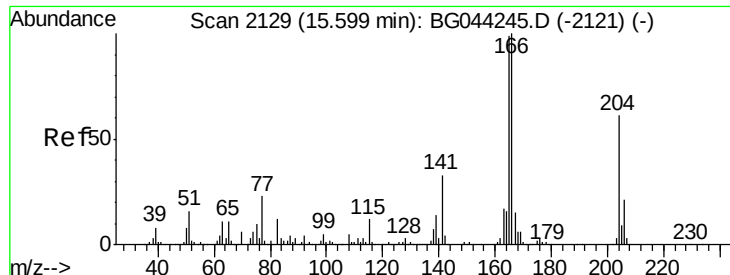
mohammad
 2/10/2020 8:16:54 AM



#60
 Diethylphthalate
 Concen: 50.273 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	731336		
177	24.8		19.4	29.0
150	13.4		10.9	16.3





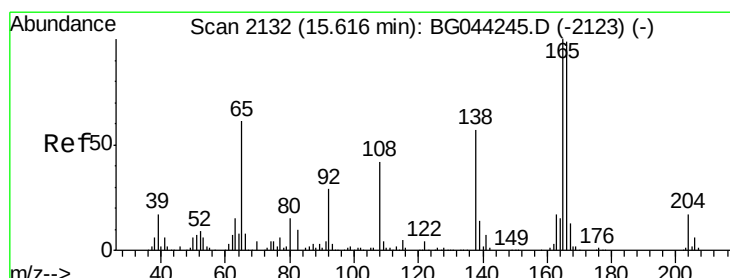
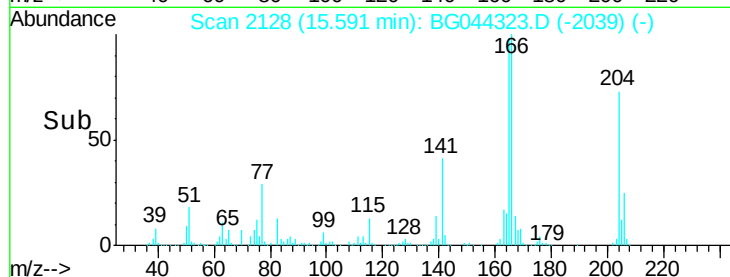
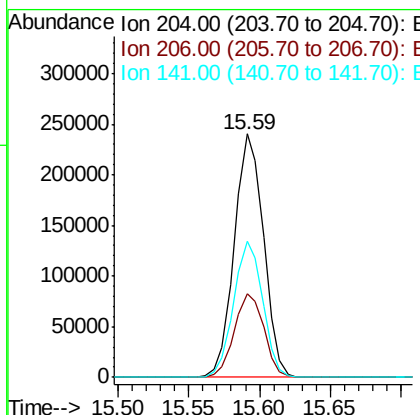
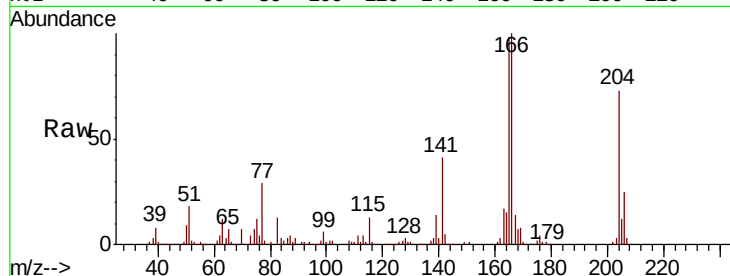
#61
4-Chlorophenyl-phenylether
Concen: 48.449 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	347187		
206	34.6	27.6	41.4	
141	56.0	43.4	65.0	

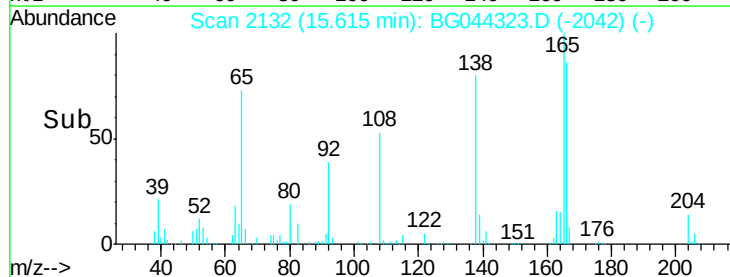
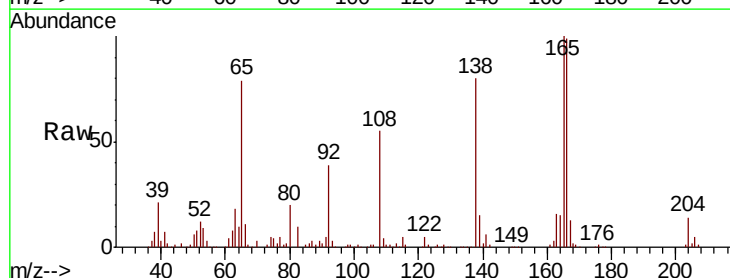
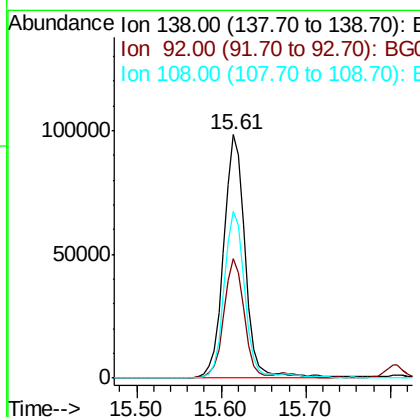
Manual Integrations
APPROVED

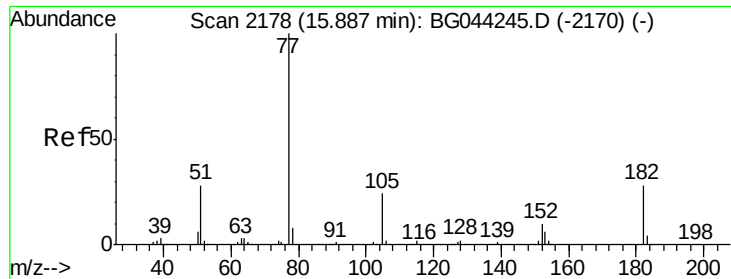
mohammad
2/10/2020 8:16:54 AM



#62
4-Nitroaniline
Concen: 47.877 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	172294		
92	49.0	31.3	71.3	
108	68.4	52.6	92.6	





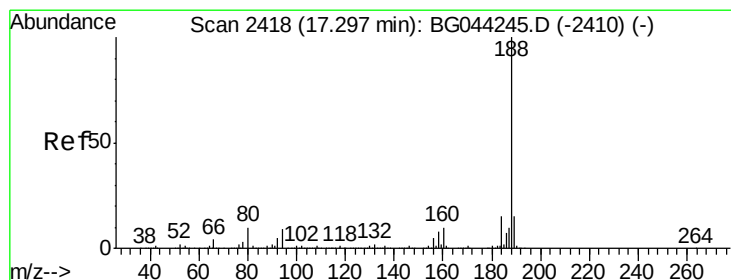
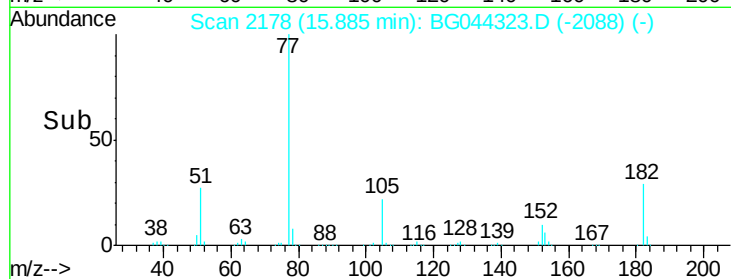
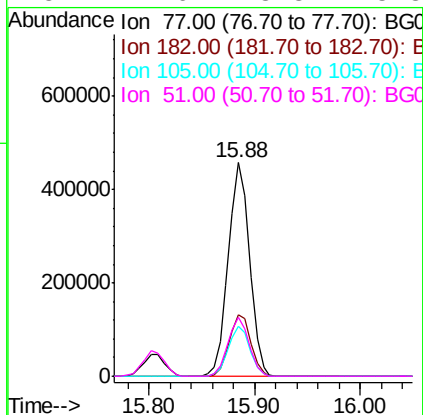
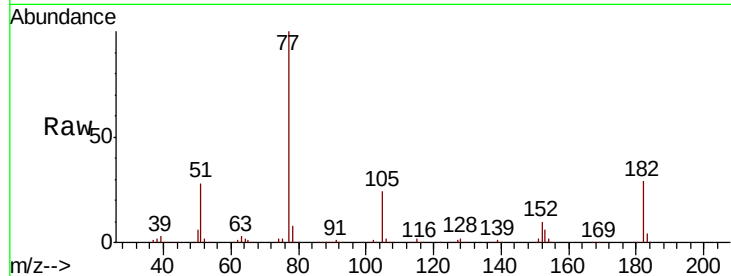
#63
Azobenzene
Concen: 49.762 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		634457		
182	28.8	8.2	48.2		
105	23.7	3.6	43.6		
51	27.6	8.3	48.3		

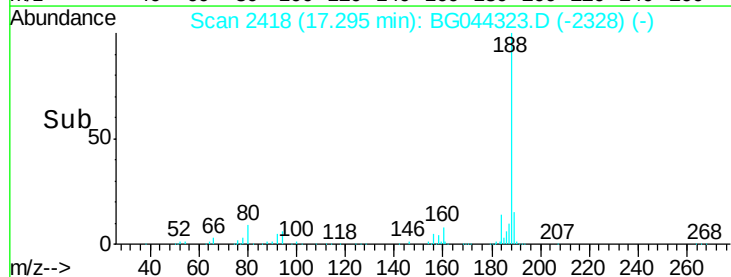
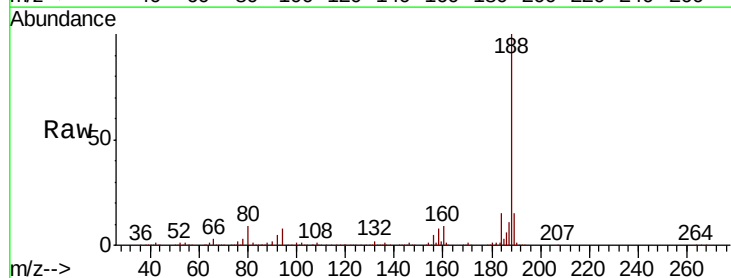
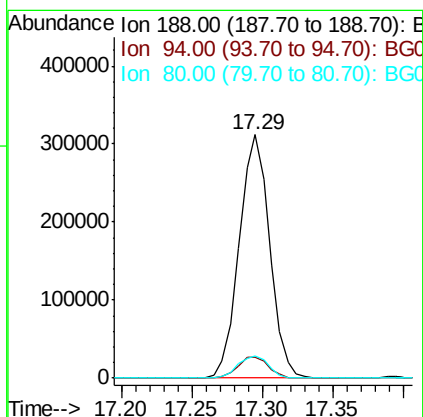
Manual Integrations
APPROVED

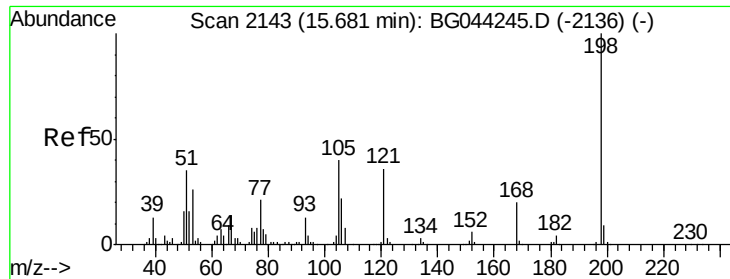
mohammad
2/10/2020 8:16:54 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		469846		
94	8.5	7.4	11.2		
80	9.1	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 56.151 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

Tot Ion:198 Resp: 145631

Ion Ratio Lower Upper

198 100

51 37.8 16.6 56.6

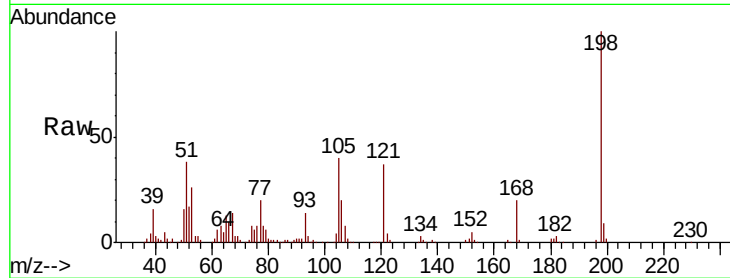
105 40.0 20.6 60.6

Manual Integrations

APPROVED

mohammad

2/10/2020 8:16:54 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

120000

100000

80000

60000

40000

20000

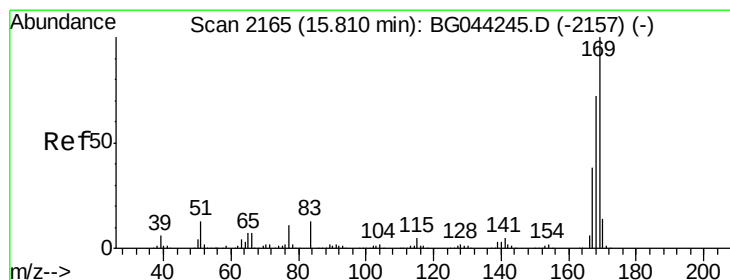
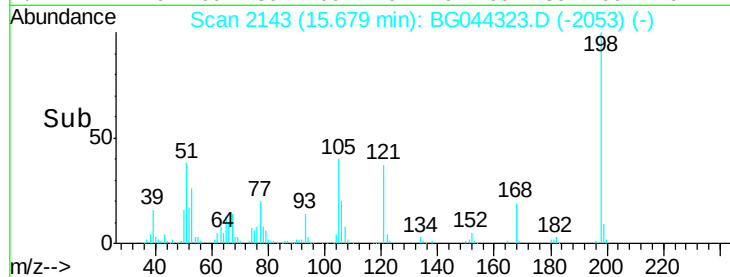
0

15.60

15.70

15.80

Time-->



#66

n-Nitrosodiphenylamine

Concen: 48.466 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

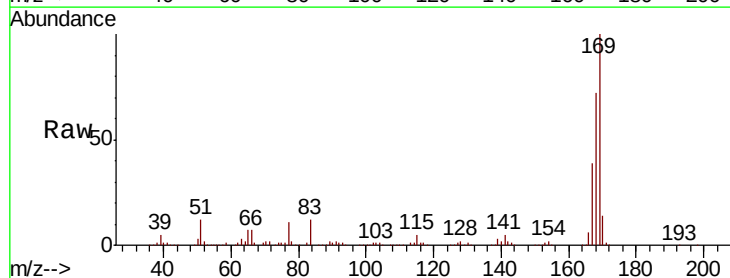
Tgt Ion:169 Resp: 638161

Ion Ratio Lower Upper

169 100

168 71.8 57.9 86.9

167 38.6 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

600000

500000

400000

300000

200000

100000

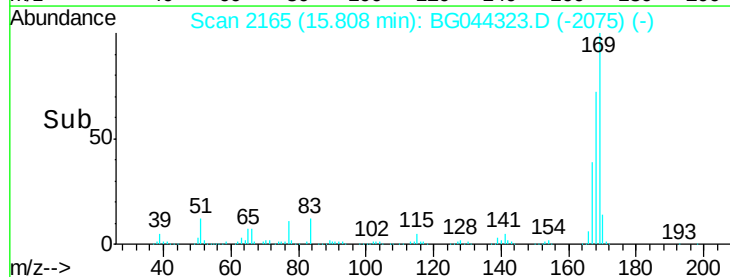
0

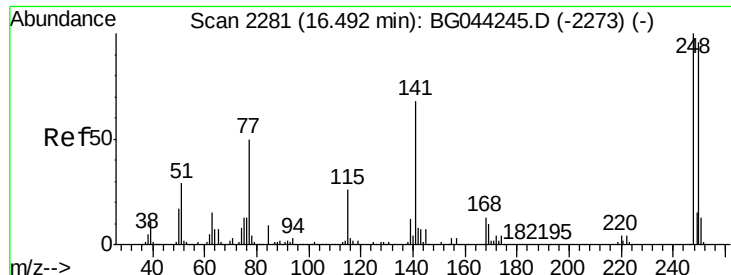
15.70

15.80

15.90

Time-->





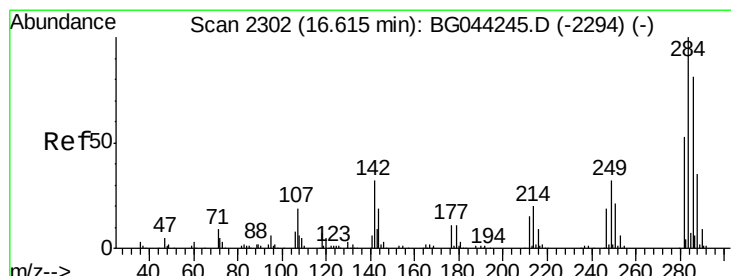
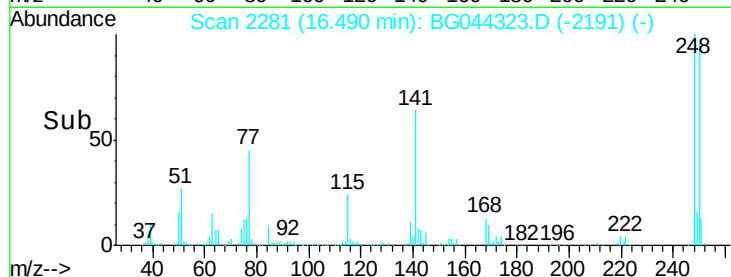
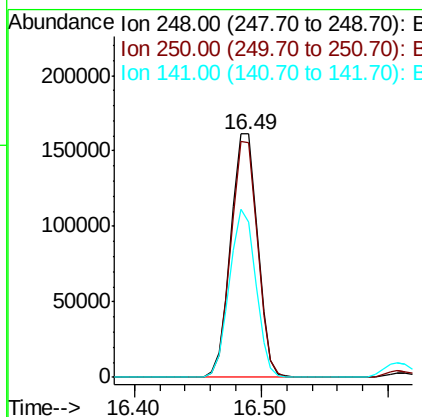
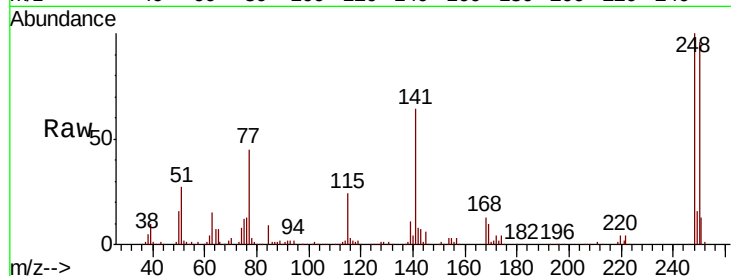
#67
 4-Bromophenyl-phenylether
 Concen: 46.101 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.6	114.8
141	64.0	54.7	82.1

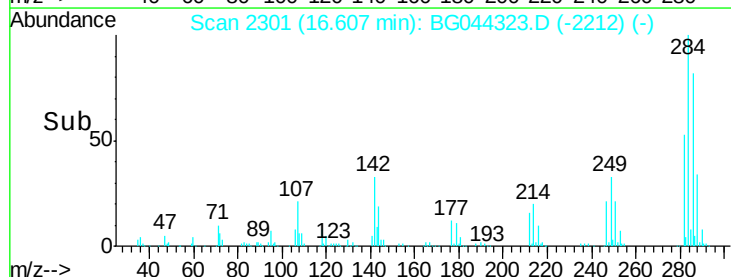
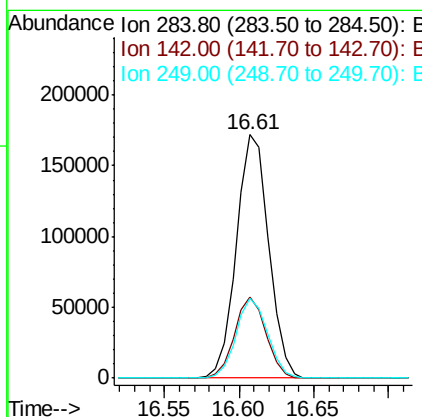
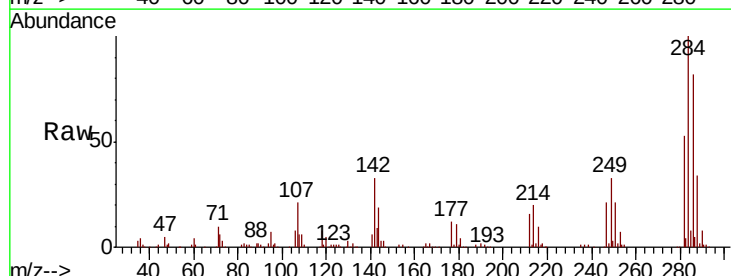
Manual Integrations
 APPROVED

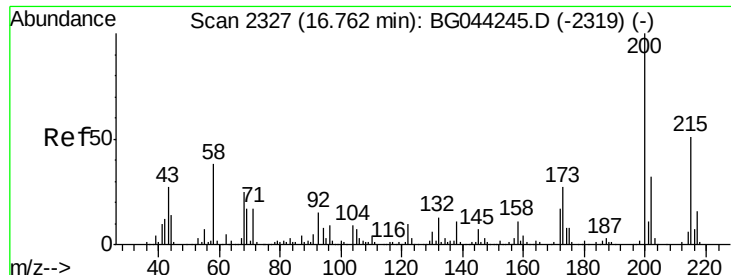
mohammad
 2/10/2020 8:16:54 AM



#68
 Hexachlorobenzene
 Concen: 45.011 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	25.3	37.9
249	32.9	25.5	38.3





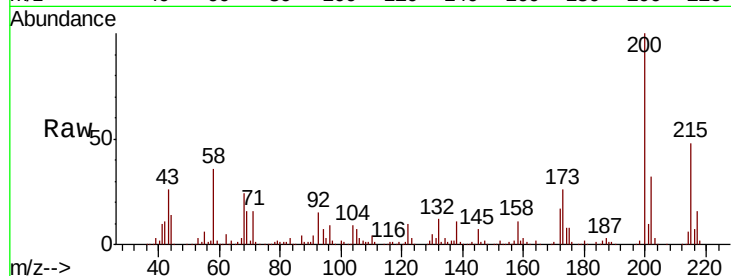
#69
 Atrazine
 Concen: 55.014 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

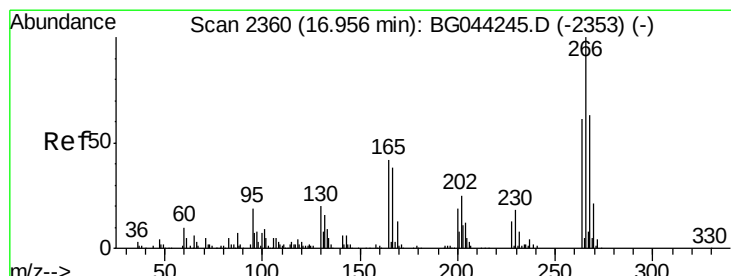
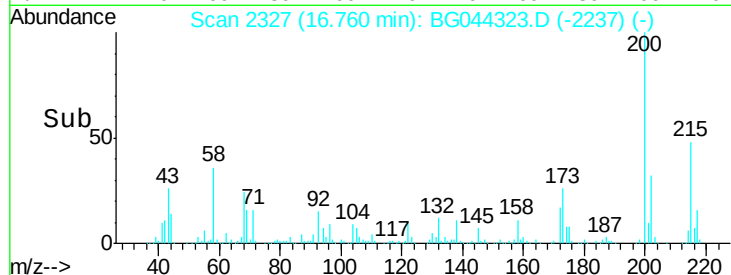
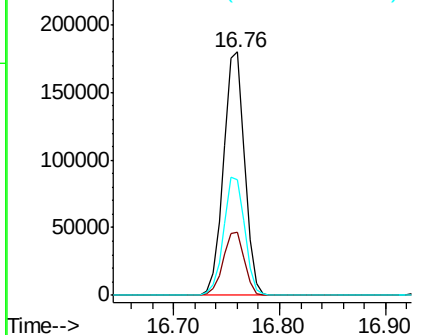
Tot Ion	Ratio	Resp	Lower	Upper
200	100	248282		
173	25.9	6.6	46.6	
215	47.6	31.0	71.0	

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:16:54 AM

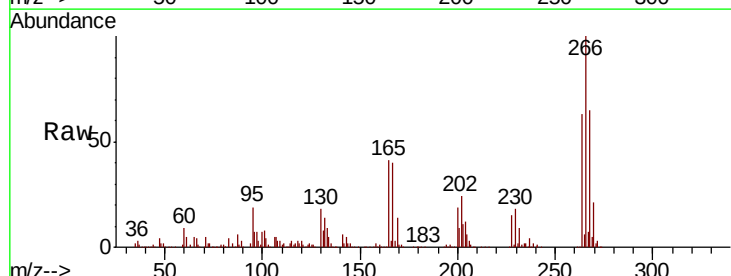


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

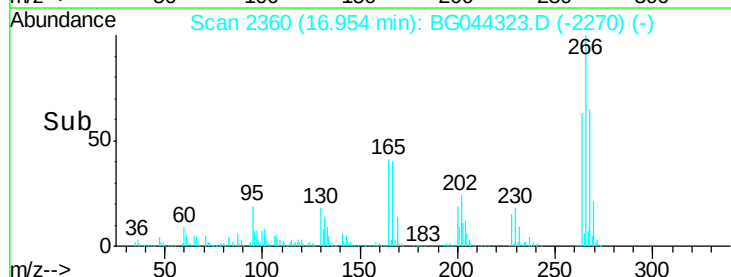
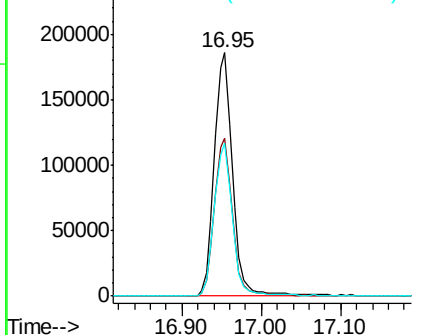


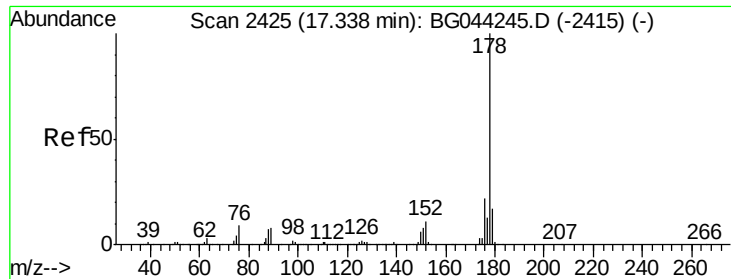
#70
 Pentachlorophenol
 Concen: 102.060 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	298594		
268	64.8	50.6	75.8	
264	62.8	48.7	73.1	



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





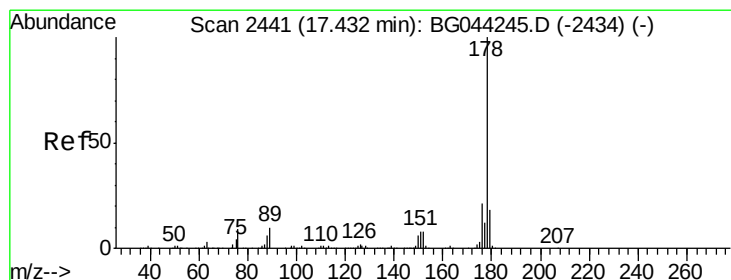
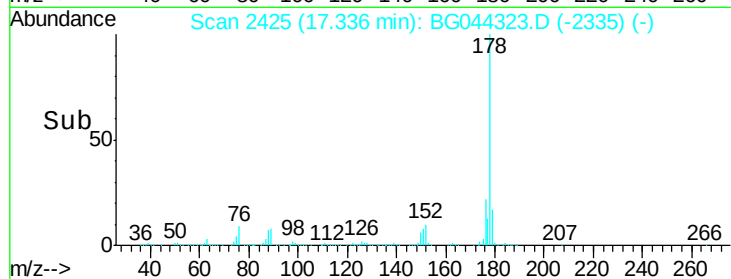
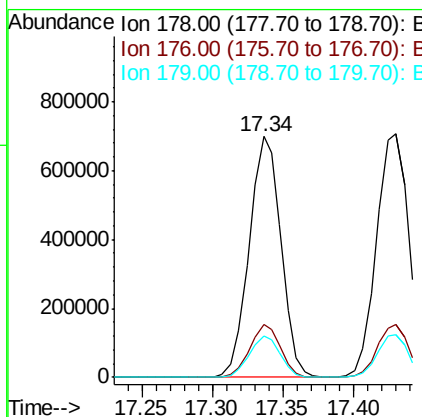
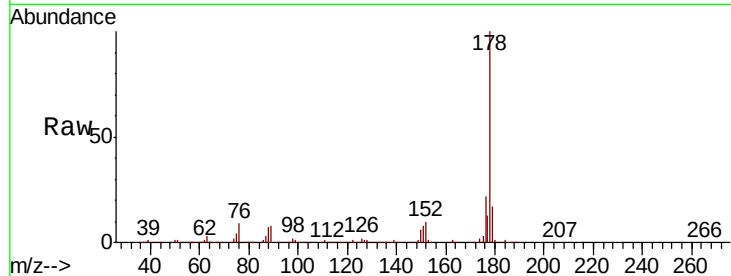
#71
Phenanthrene
Concen: 48.634 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion:178 Resp: 1106489
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 17.4 13.7 20.5

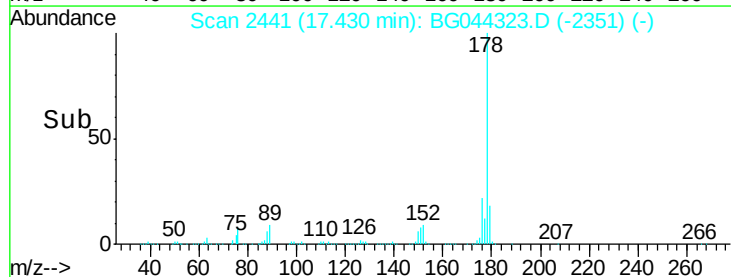
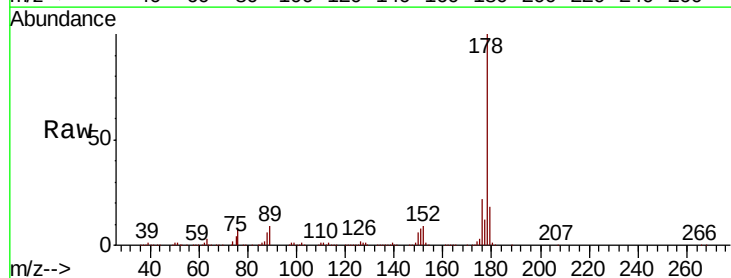
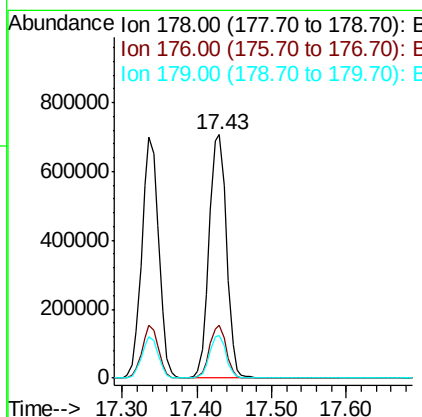
Manual Integrations
APPROVED

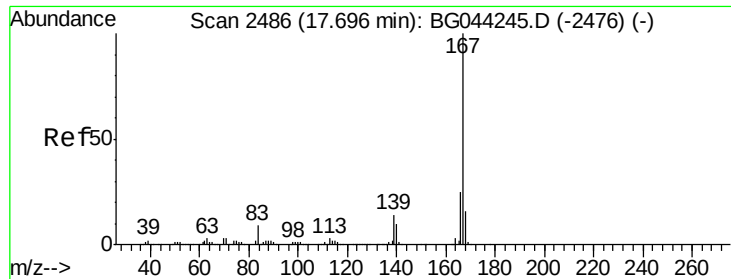
mohammad
2/10/2020 8:16:54 AM



#72
Anthracene
Concen: 50.567 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion:178 Resp: 1137440
Ion Ratio Lower Upper
178 100
176 21.7 17.0 25.4
179 17.7 14.4 21.6





#73

Carbazole

Concen: 49.346 ng

RT: 17.69 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

Tot Ion:167 Resp: 1023252

Ion Ratio Lower Upper

167 100

166 25.3 19.8 29.6

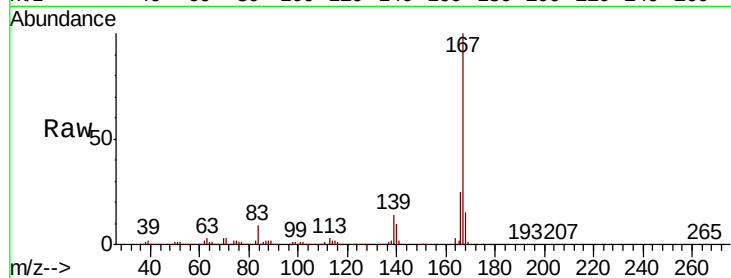
139 14.1 11.1 16.7

Manual Integrations

APPROVED

mohammad

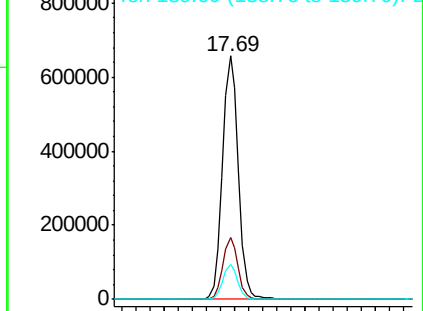
2/10/2020 8:16:54 AM



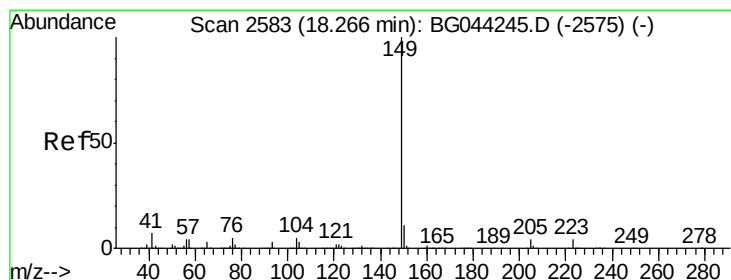
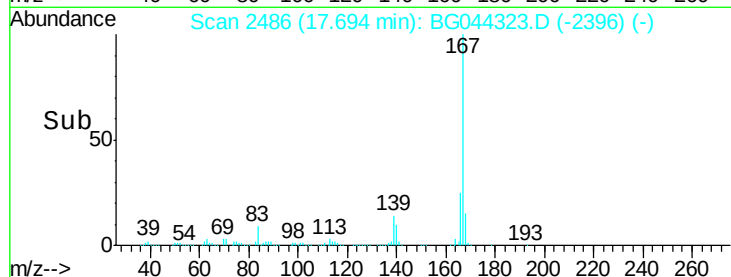
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 49.013 ng

RT: 18.26 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

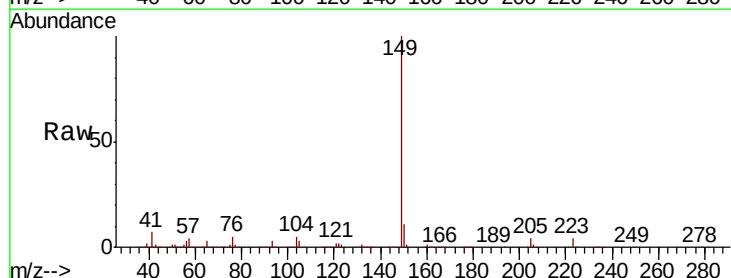
Tgt Ion:149 Resp: 1255968

Ion Ratio Lower Upper

149 100

150 10.7 8.7 13.1

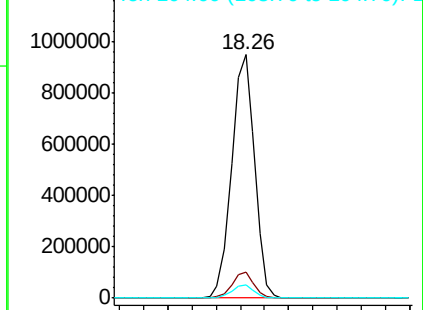
104 5.2 4.3 6.5



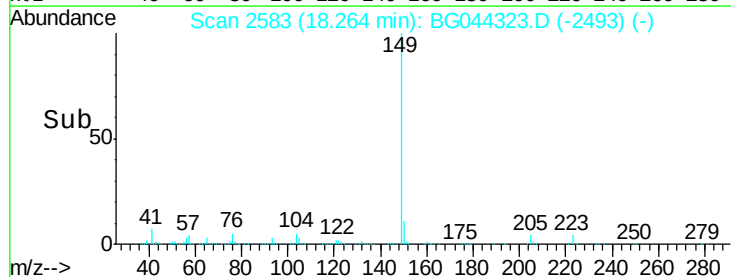
Abundance Ion 149.00 (148.70 to 149.70): E

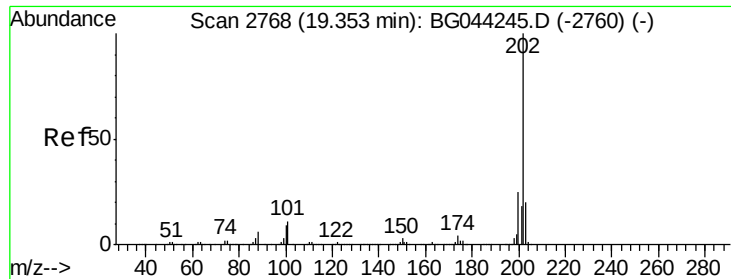
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 49.384 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

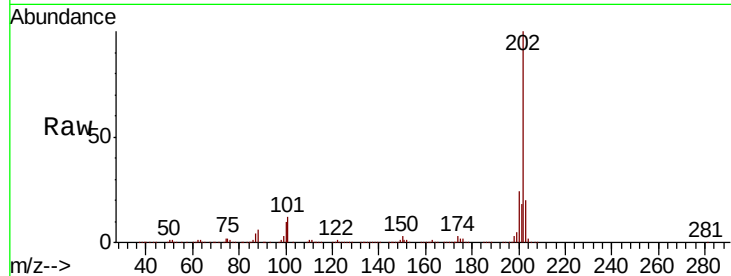
ClientSampleId :

PB126588BS

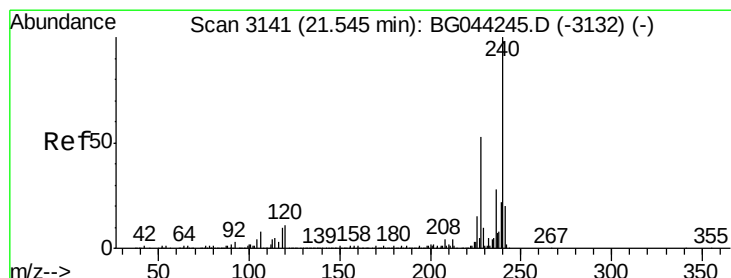
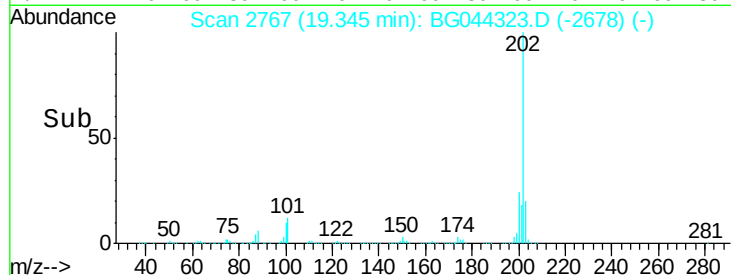
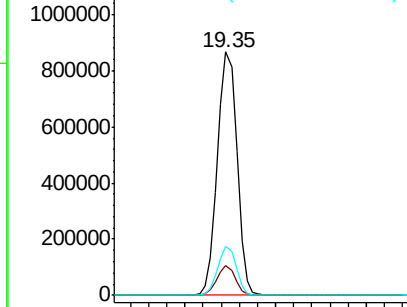
Tot Ion:	202	Resp:	1299748
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.3
203	20.2	0.0	39.9

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

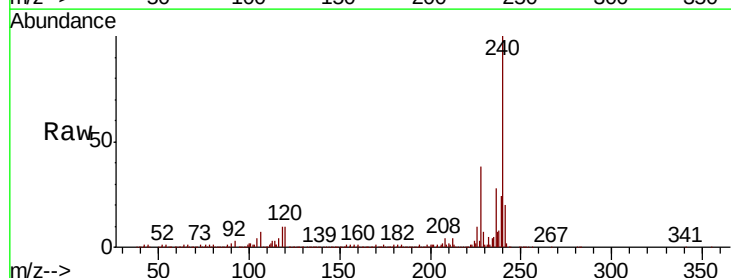
RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

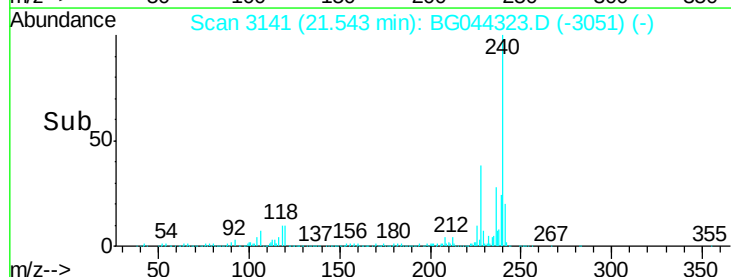
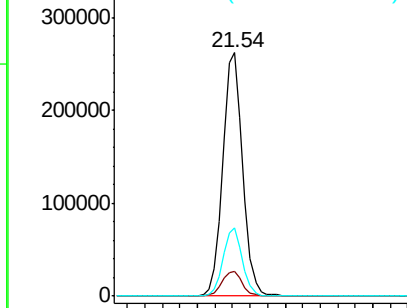
Lab File: BG044323.D

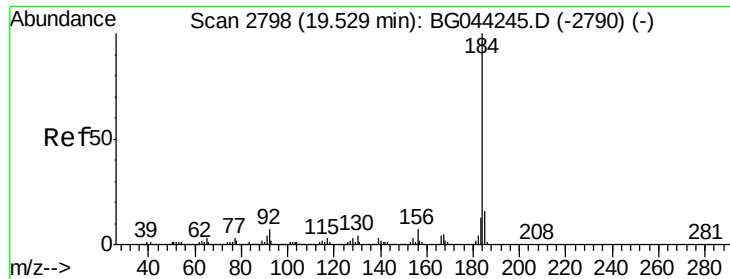
Acq: 6 Feb 2020 15:16

Tgt Ion:	240	Resp:	412026
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	28.0	22.1	33.1



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





#77

Benzidine

Concen: 50.295 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

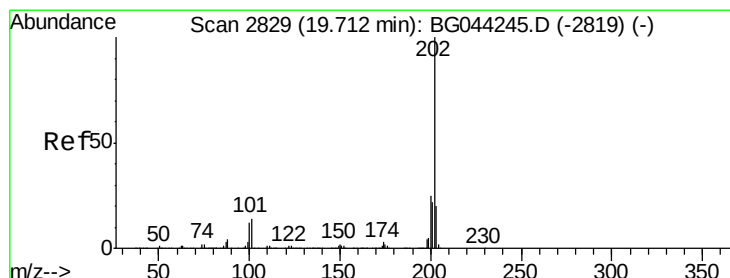
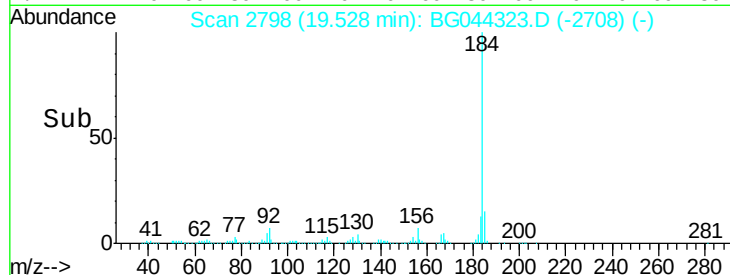
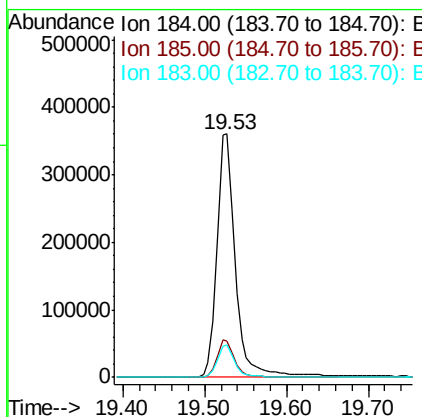
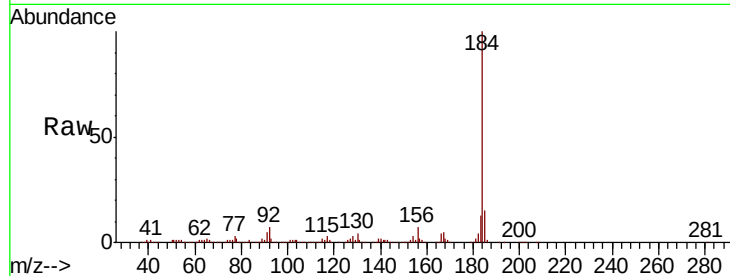
ClientSampleId :

PB126588BS

Tot Ion:	184	Resp:	574807
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.9	19.3
183	13.2	10.8	16.2

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



#78

Pyrene

Concen: 48.846 ng

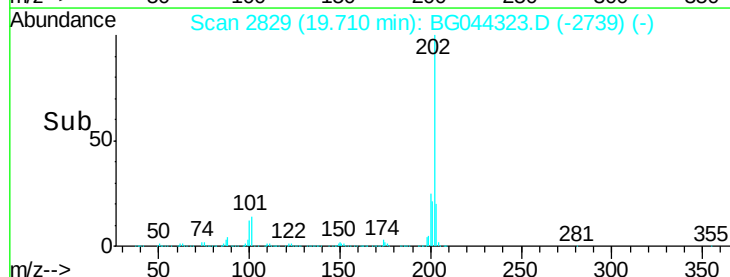
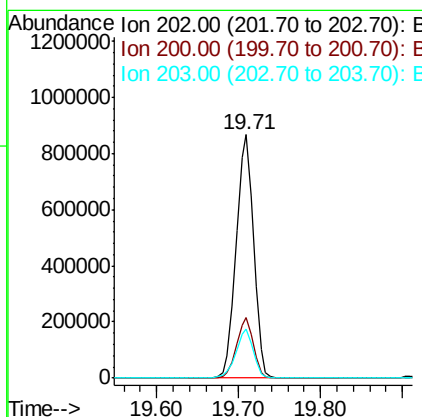
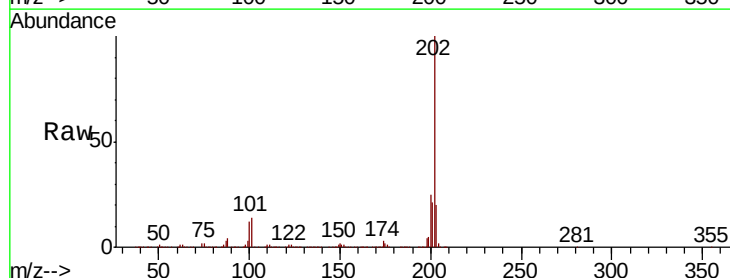
RT: 19.71 min Scan# 2829

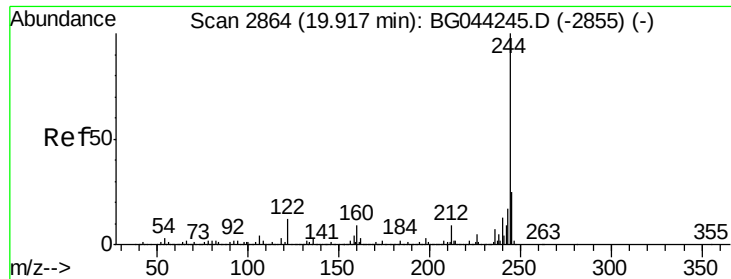
Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tgt Ion:	202	Resp:	1292481
Ion Ratio	Lower	Upper	
202	100		
200	24.7	20.0	30.0
203	20.4	16.2	24.2





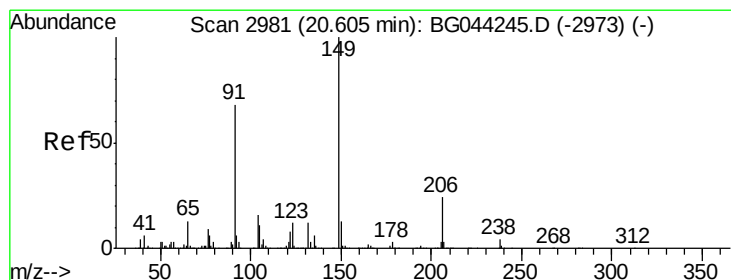
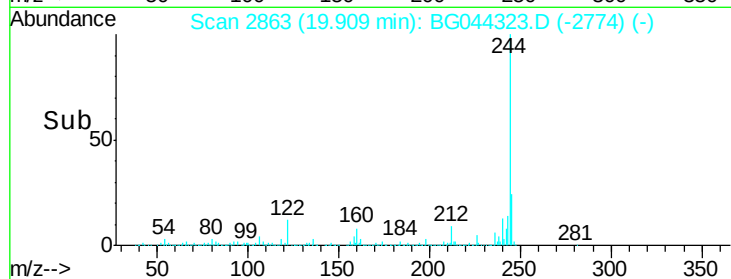
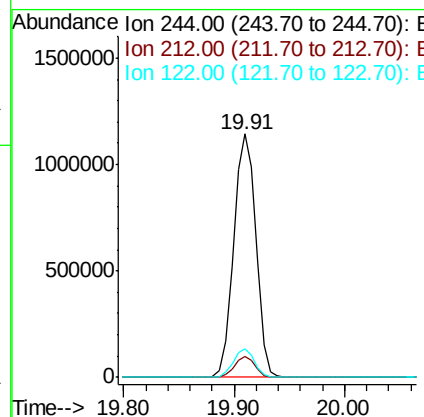
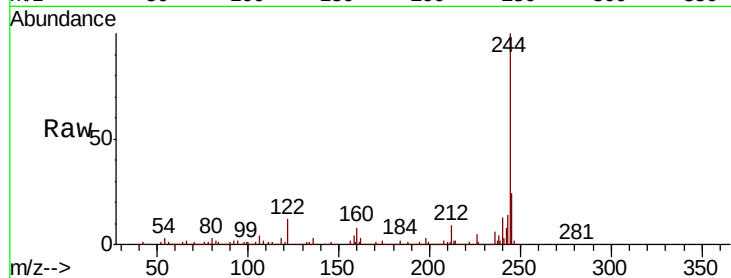
#79
 Terphenyl-d14
 Concen: 80.726 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	11.8	9.8	14.6

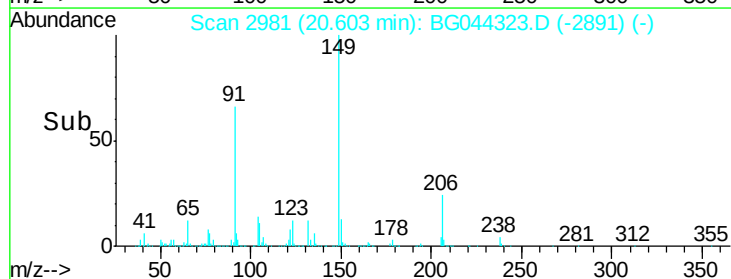
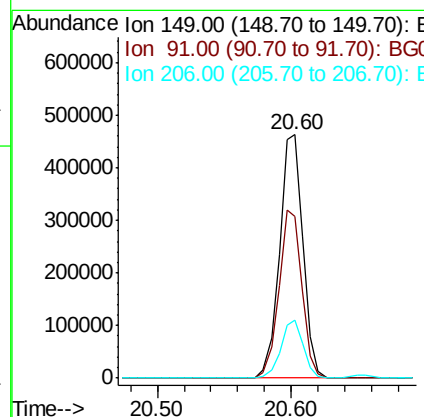
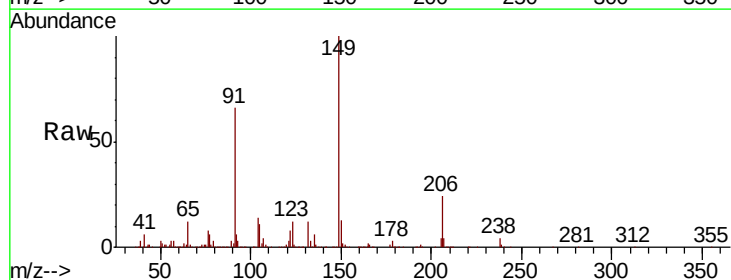
Manual Integrations
 APPROVED

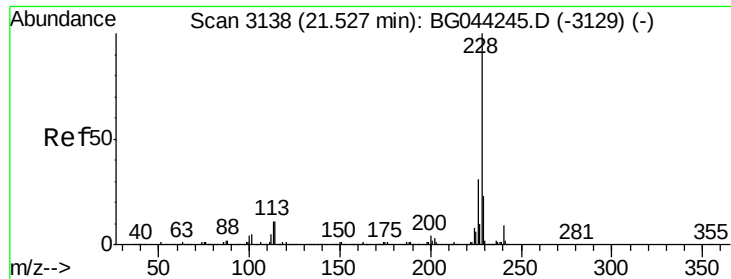
mohammad
 2/10/2020 8:16:54 AM



#80
 Butylbenzylphthalate
 Concen: 47.118 ng
 RT: 20.60 min Scan# 2981
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.4	54.5	81.7
206	24.0	19.1	28.7





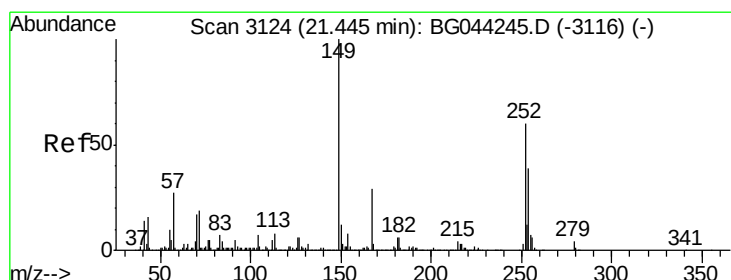
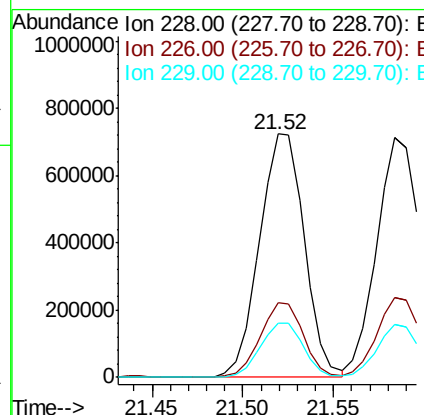
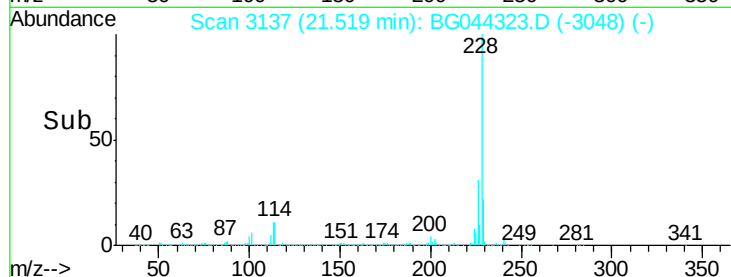
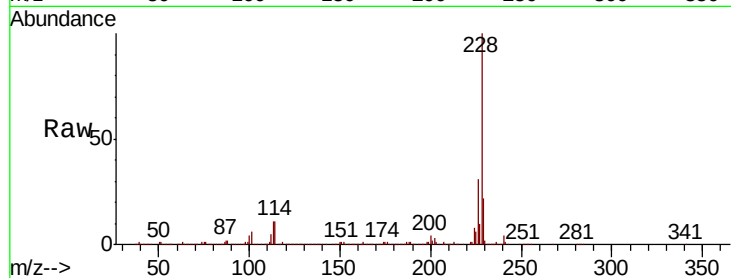
#81
Benzo(a)anthracene
Concen: 49.027 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	22.5	18.2	27.4

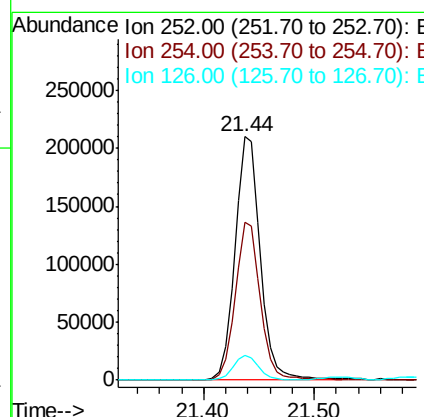
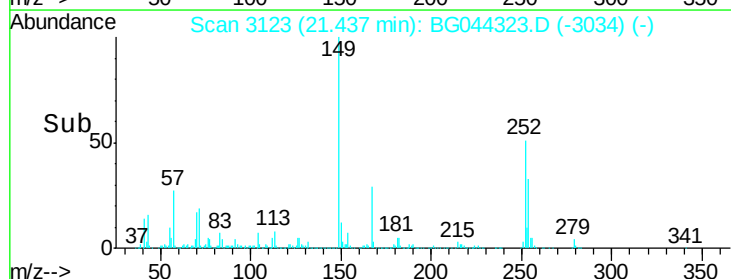
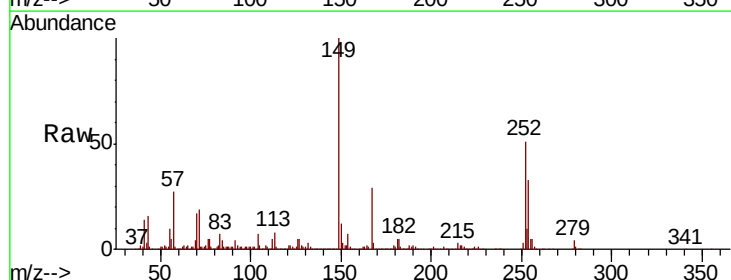
Manual Integrations
APPROVED

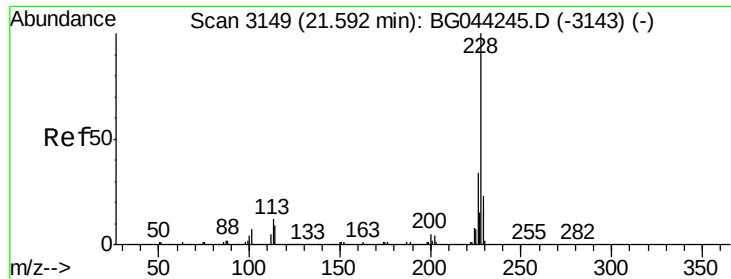
mohammad
2/10/2020 8:16:54 AM



#82
3,3'-Dichlorobenzidine
Concen: 34.153 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.6	78.8
126	10.3	8.2	12.4





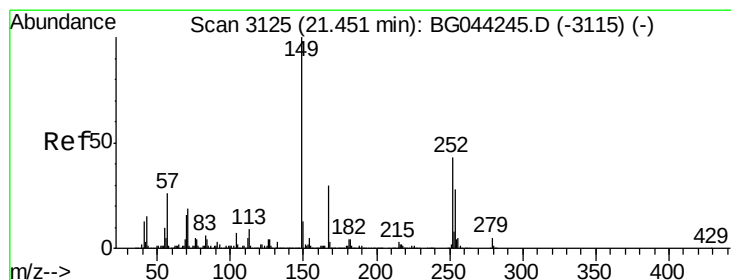
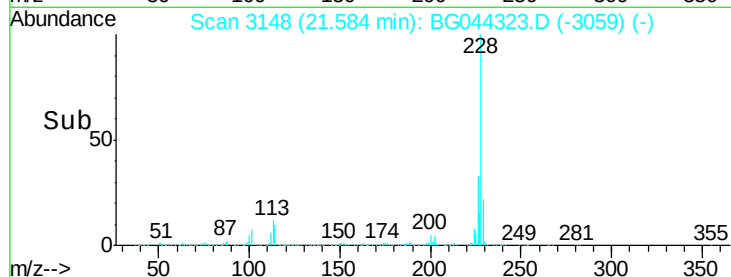
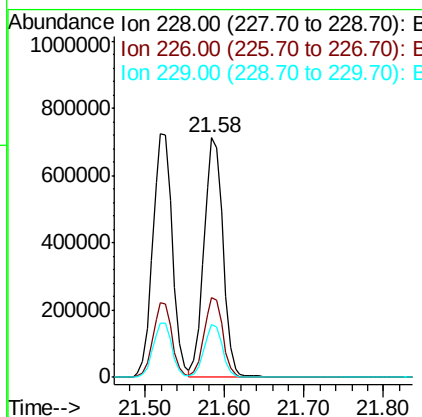
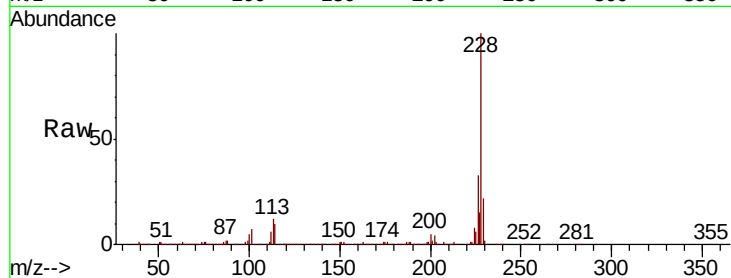
#83
Chrysene
Concen: 48.492 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion:228 Resp: 1190240
Ion Ratio Lower Upper
228 100
226 33.2 27.1 40.7
229 22.0 17.9 26.9

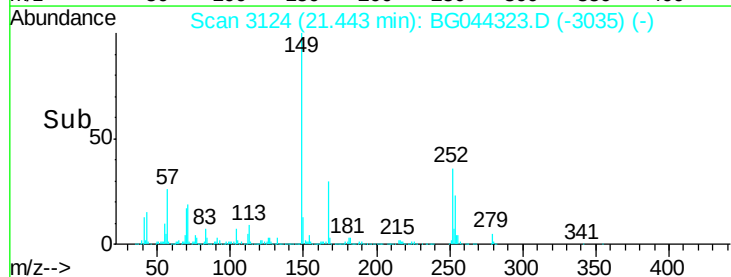
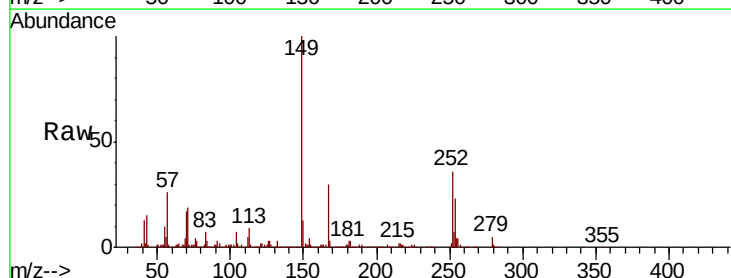
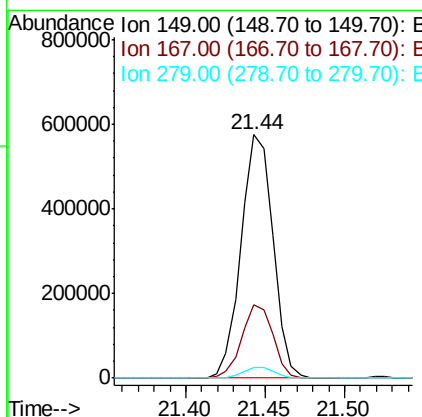
Manual Integrations
APPROVED

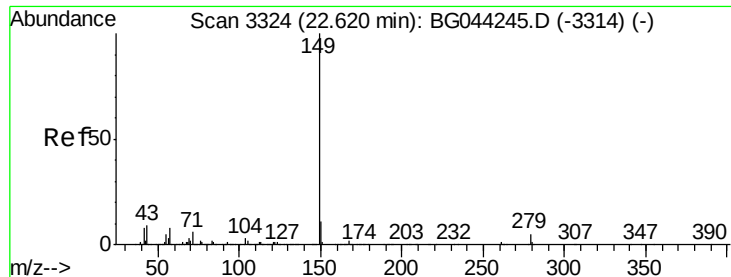
mohammad
2/10/2020 8:16:54 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.587 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion:149 Resp: 806406
Ion Ratio Lower Upper
149 100
167 30.3 24.0 36.0
279 4.6 3.8 5.8





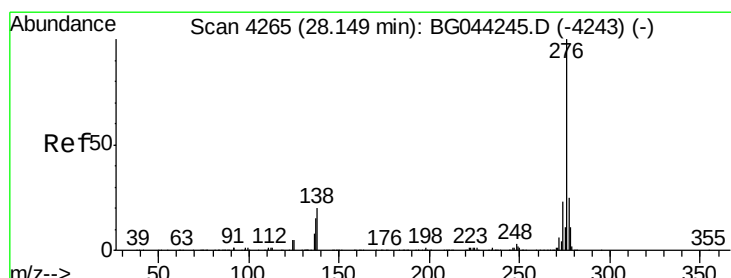
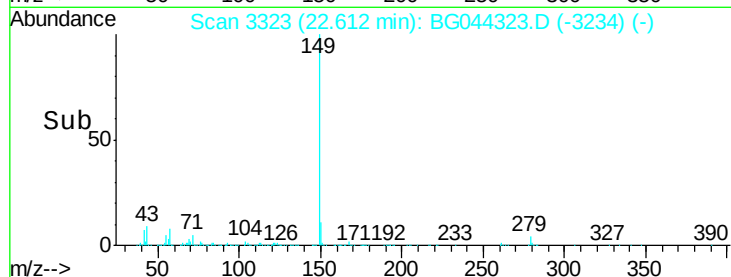
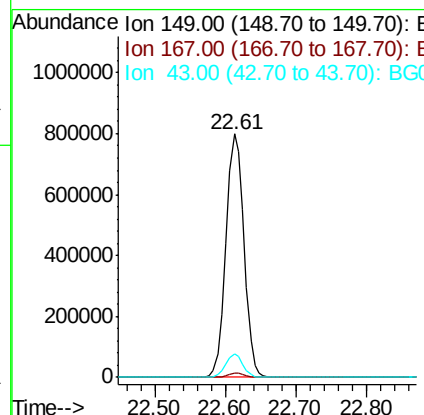
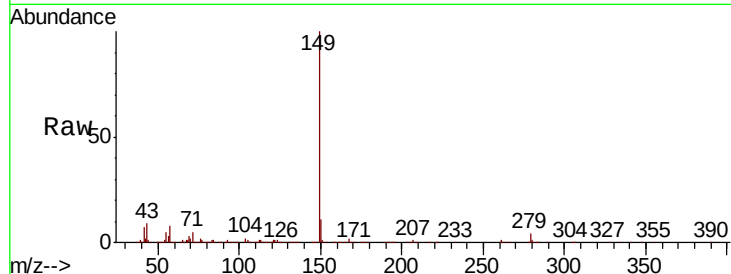
#85
Di-n-octyl phthalate
Concen: 49.151 ng
RT: 22.61 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.8	7.4	11.0

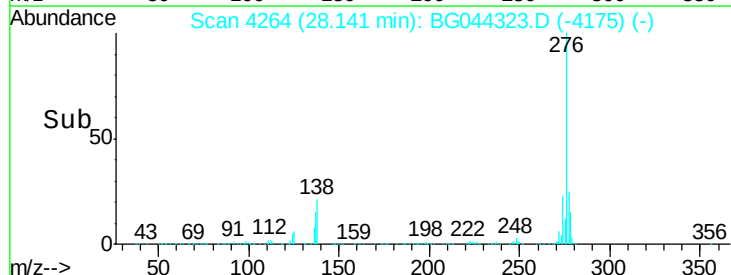
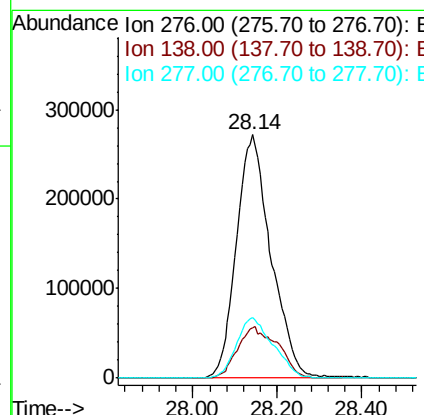
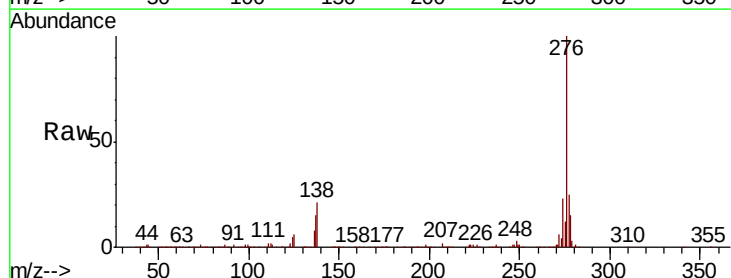
Manual Integrations
APPROVED

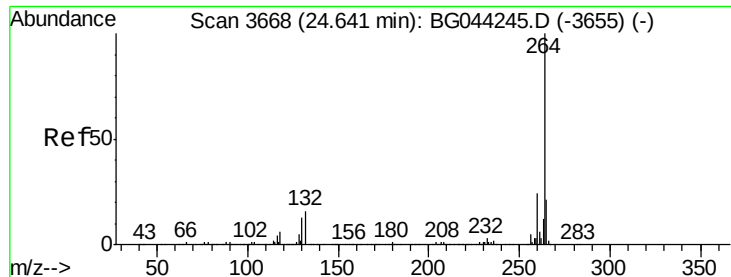
mohammad
2/10/2020 8:16:54 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.991 ng
RT: 28.14 min Scan# 4264
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.4	29.0
277	26.4	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

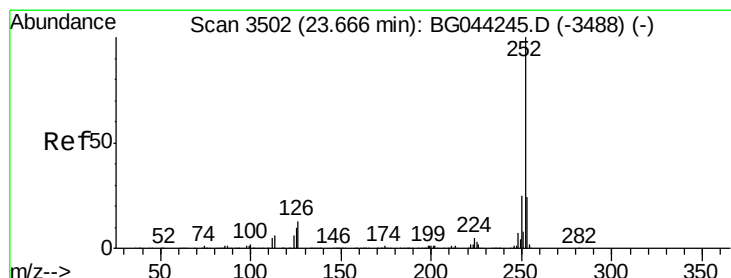
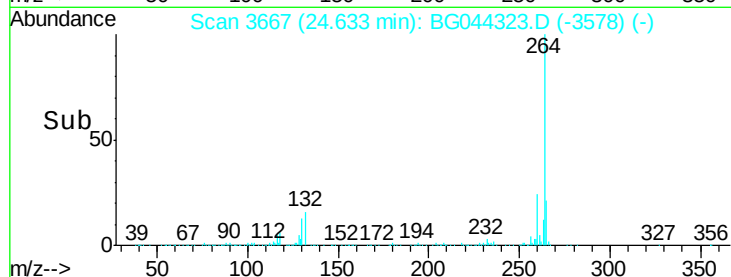
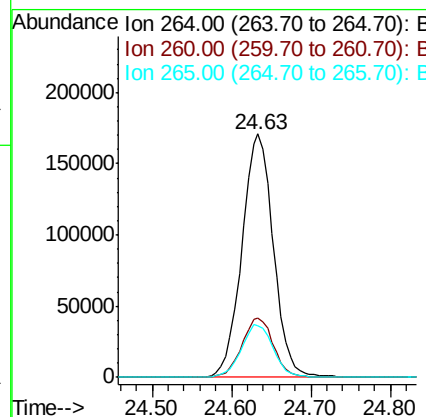
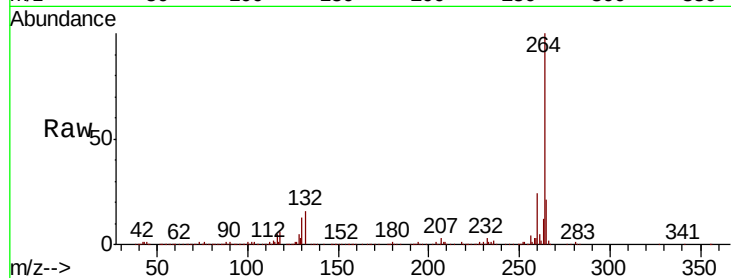
ClientSampleId :

PB126588BS

Tot Ion:	264	Resp:	469933
Ion Ratio		Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.2	16.7	25.1

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



#88

Benzo(b)fluoranthene

Concen: 47.769 ng

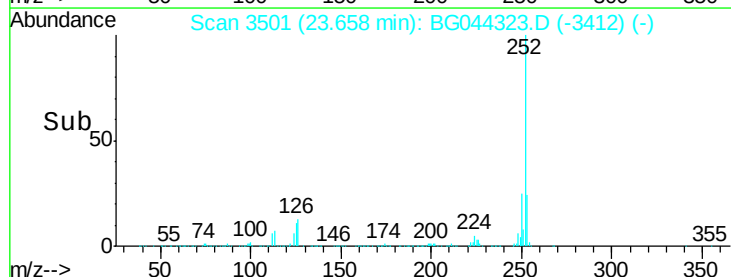
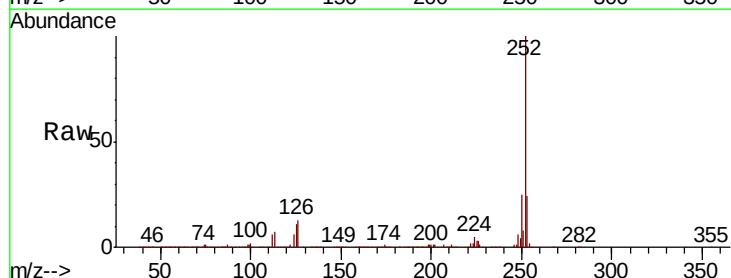
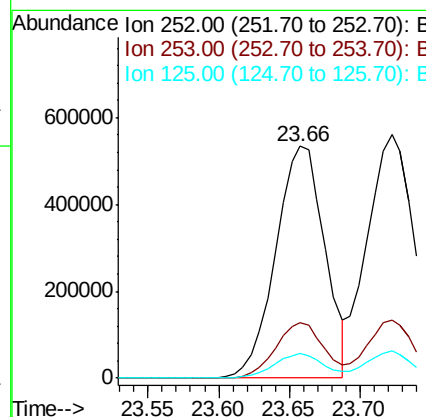
RT: 23.66 min Scan# 3501

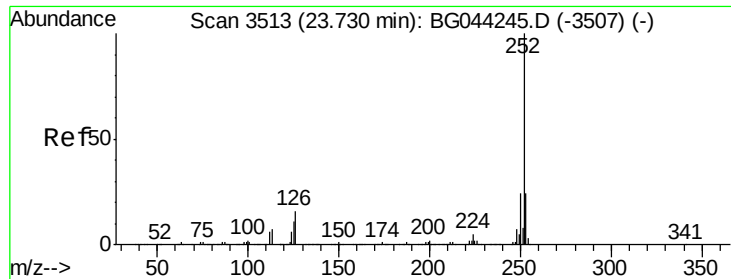
Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tgt Ion:	252	Resp:	1293558
Ion Ratio		Lower	Upper
252	100		
253	23.8	19.2	28.8
125	10.6	8.4	12.6





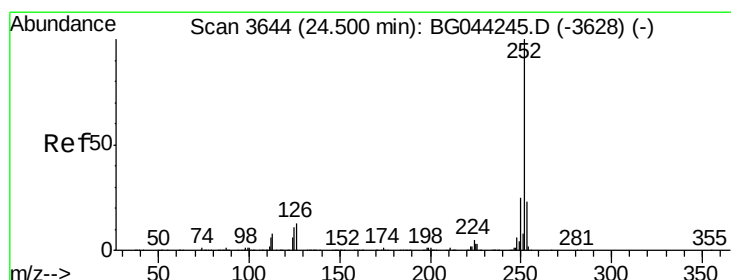
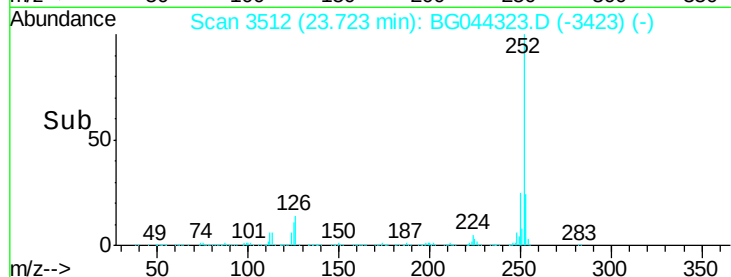
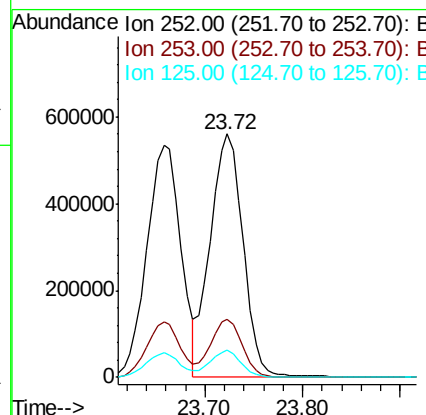
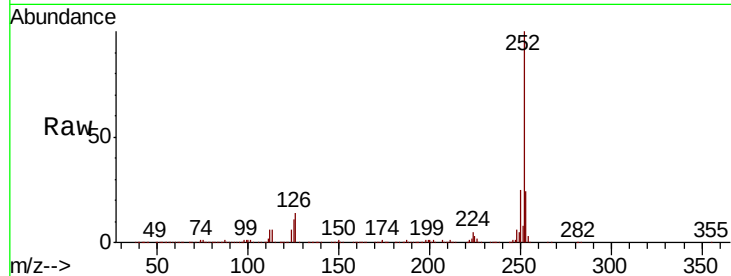
#89
Benzo(k)fluoranthene
Concen: 49.304 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.1	28.7
125	11.1	8.6	12.8

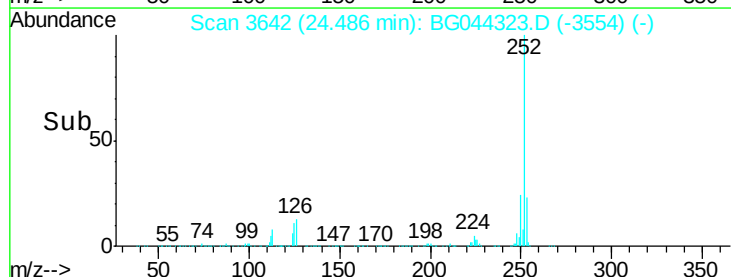
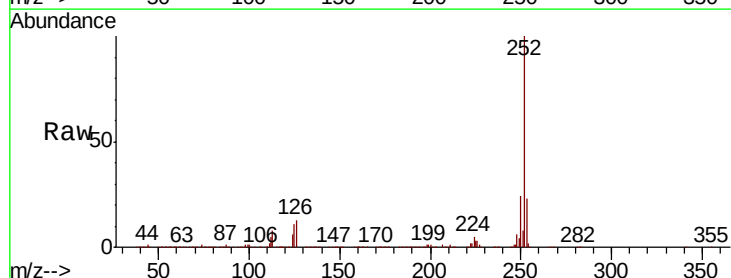
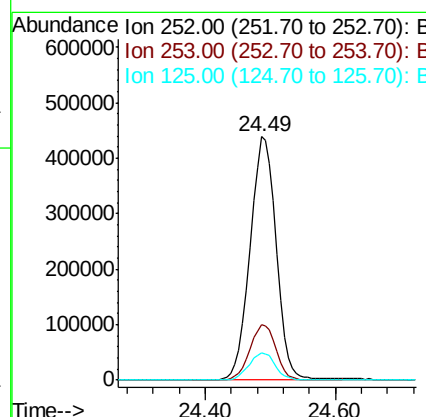
Manual Integrations
APPROVED

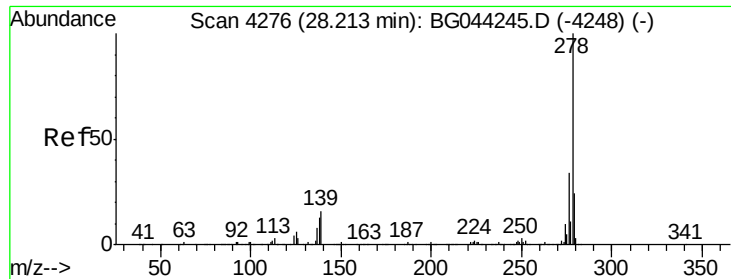
mohammad
2/10/2020 8:16:54 AM



#90
Benzo(a)pyrene
Concen: 47.623 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.1	8.6	13.0





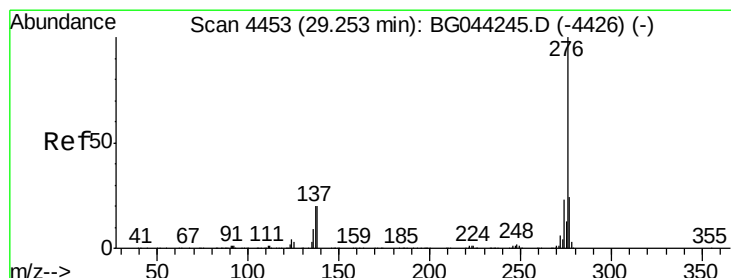
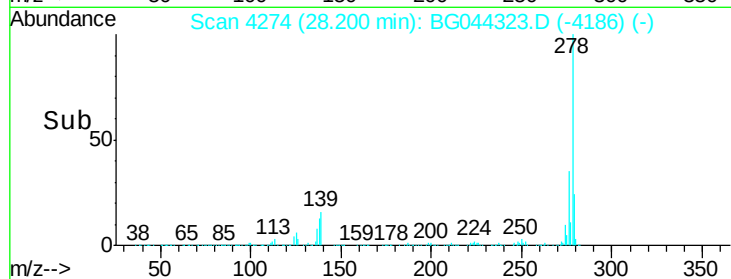
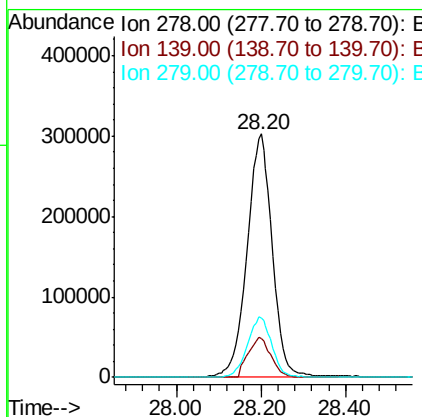
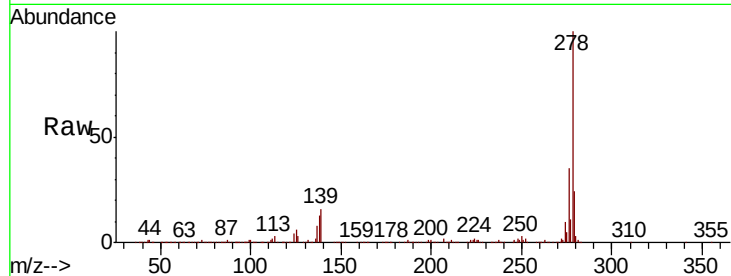
#91
Dibenzo(a,h)anthracene
Concen: 49.937 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	24.4	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:54 AM



#92
Benzo(g,h,i)perylene
Concen: 50.801 ng
RT: 29.23 min Scan# 4450
Delta R.T. -0.02 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	20.3	16.2	24.2

