

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045342.D
 Acq On : 12 May 2020 23:45
 Operator : CG/JU
 Sample : PB128808BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BS

Manual Integrations
 APPROVED

mohammad
 5/14/2020 11:53:52 AM

Quant Time: May 13 02:09:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	59179	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	234692	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	173619	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	422575	20.00	ng	0.00
76) Chrysene-d12	21.63	240	402290	20.00	ng	0.00
87) Perylene-d12	24.79	264	449945	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	289579	80.79	ng	0.00
7) Phenol-d6	7.14	99	408170	76.64	ng	0.00
23) Nitrobenzene-d5	9.13	82	370147	71.96	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	198440	73.98	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	867446	73.26	ng	0.00
79) Terphenyl-d14	19.98	244	1576600	85.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	45979	28.863	ng	95
3) Pyridine	3.82	79	117100	23.874	ng	99
4) n-Nitrosodimethylamine	3.73	42	55664	37.046	ng	91
6) Aniline	7.29	93	189638	27.387	ng	99
8) 2-Chlorophenol	7.54	128	159213	41.328	ng	96
9) Benzaldehyde	7.10	77	116685	38.429	ng	98
10) Phenol	7.17	94	214555	40.259	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	144589	34.076	ng	97
12) 1,3-Dichlorobenzene	7.87	146	164455	36.227	ng	97
13) 1,4-Dichlorobenzene	8.01	146	164029	36.262	ng	97
14) 1,2-Dichlorobenzene	8.33	146	155485	35.930	ng	95
15) Benzyl Alcohol	8.21	79	163572	36.633	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.50	45	132522	31.817	ng	95
17) 2-Methylphenol	8.42	107	142869	34.746	ng	94
18) Hexachloroethane	9.06	117	62223	36.591	ng	98
19) n-Nitroso-di-n-propylamine	8.78	70	130411	34.625	ng	98
20) 3+4-Methylphenols	8.75	107	199757	34.708	ng	96
22) Acetophenone	8.79	105	237009	37.344	ng	# 97
24) Nitrobenzene	9.17	77	200339	37.998	ng	95
25) Isophorone	9.70	82	367031	34.845	ng	98
26) 2-Nitrophenol	9.89	139	87351	38.463	ng	94
27) 2,4-Dimethylphenol	9.95	122	150362	41.727	ng	90
28) bis(2-Chloroethoxy)methane	10.18	93	202284	36.551	ng	100
29) 2,4-Dichlorophenol	10.43	162	166617	40.044	ng	95
30) 1,2,4-Trichlorobenzene	10.64	180	175270	37.205	ng	98
31) Naphthalene	10.83	128	481921	37.536	ng	99
32) Benzoic acid	10.10	122	77468	29.452	ng	97
33) 4-Chloroaniline	10.93	127	111099	18.555	ng	97
34) Hexachlorobutadiene	11.13	225	119145	36.888	ng	98
35) Caprolactam	11.70	113	62883m	37.973	ng	
36) 4-Chloro-3-methylphenol	12.07	107	191501	39.178	ng	97
37) 2-Methylnaphthalene	12.44	142	366631	36.791	ng	99
38) 1-Methylnaphthalene	12.66	142	349508	37.152	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	202881	36.293	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045342.D
 Acq On : 12 May 2020 23:45
 Operator : CG/JU
 Sample : PB128808BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BS

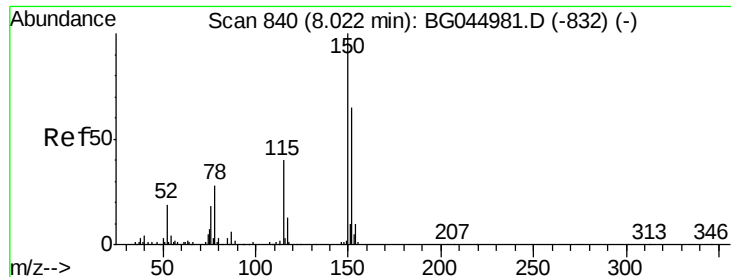
Manual Integrations
 APPROVED

mohammad
 5/14/2020 11:53:52 AM

Quant Time: May 13 02:09:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	270330	77.372	nq	97
43) 2,4,6-Trichlorophenol	13.05	196	148984	37.763	nq	96
44) 2,4,5-Trichlorophenol	13.12	196	158231	35.235	nq	97
46) 1,1'-Biphenyl	13.45	154	476787	36.131	nq	100
47) 2-Chloronaphthalene	13.49	162	363152	36.015	nq	98
48) 2-Nitroaniline	13.69	65	124236	37.448	nq	97
49) Acenaphthylene	14.34	152	626376	38.137	nq	99
50) Dimethylphthalate	14.07	163	516471	36.534	nq	99
51) 2,6-Dinitrotoluene	14.19	165	118818	37.577	nq	98
52) Acenaphthene	14.68	154	457428m	41.163	nq	
53) 3-Nitroaniline	14.52	138	76989	22.200	nq	93
54) 2,4-Dinitrophenol	14.72	184	143929	76.549	nq	95
55) Dibenzofuran	15.02	168	600563	37.069	nq	98
56) 4-Nitrophenol	14.83	139	198029	73.646	nq	98
57) 2,4-Dinitrotoluene	14.97	165	167755	36.303	nq	# 94
58) Fluorene	15.67	166	500154	37.795	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	155425	38.897	nq	98
60) Diethylphthalate	15.44	149	531108	36.034	nq	100
61) 4-Chlorophenyl-phenylether	15.66	204	275838	36.213	nq	100
62) 4-Nitroaniline	15.68	138	118499	32.944	nq	92
63) Azobenzene	15.95	77	509444	37.490	nq	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	106739	38.428	nq	96
66) n-Nitrosodiphenylamine	15.87	169	447132	36.827	nq	99
67) 4-Bromophenyl-phenylether	16.55	248	193071	35.416	nq	97
68) Hexachlorobenzene	16.68	284	209391	37.035	nq	100
69) Atrazine	16.82	200	174764	38.807	nq	98
70) Pentachlorophenol	17.02	266	251823	72.604	nq	96
71) Phenanthrene	17.41	178	828377	38.148	nq	99
72) Anthracene	17.50	178	852789	39.150	nq	98
73) Carbazole	17.76	167	788688	35.679	nq	99
74) Di-n-butylphthalate	18.33	149	953639	38.795	nq	99
75) Fluoranthene	19.42	202	1066910	41.293	nq	99
77) Benzidine	19.59	184	562566	48.781	nq	97
78) Pyrene	19.78	202	1064201	38.372	nq	97
80) Butylbenzylphthalate	20.67	149	438841	38.173	nq	98
81) Benzo(a)anthracene	21.61	228	1025276	39.322	nq	98
82) 3,3'-Dichlorobenzidine	21.52	252	255808	24.649	nq	99
83) Chrysene	21.67	228	974424	38.895	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	619981	39.212	nq	99
85) Di-n-octyl phthalate	22.72	149	1054811	38.579	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1284579	38.620	nq	# 97
88) Benzo(b)fluoranthene	23.79	252	1065328	37.799	nq	99
89) Benzo(k)fluoranthene	23.86	252	1057478	39.453	nq	98
90) Benzo(a)pyrene	24.64	252	1003224	37.700	nq	# 96
91) Dibenzo(a,h)anthracene	28.44	278	1042736	38.888	nq	97
92) Benzo(g,h,i)perylene	29.50	276	1065420	39.633	nq	99

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



#1

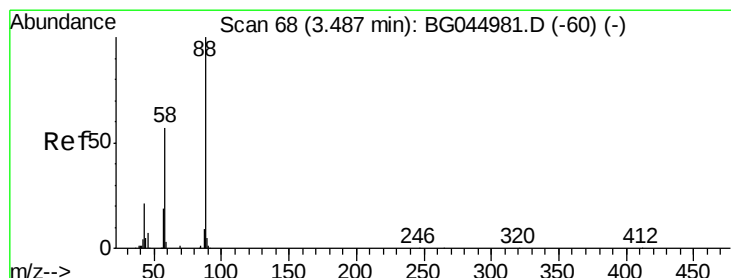
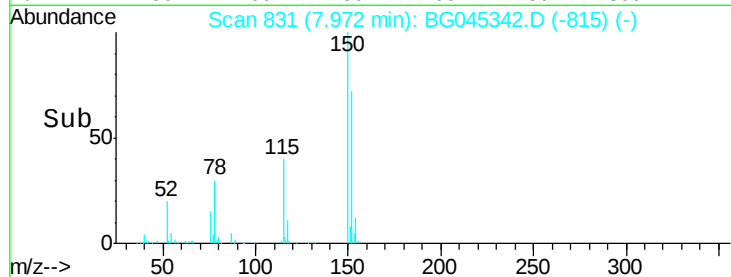
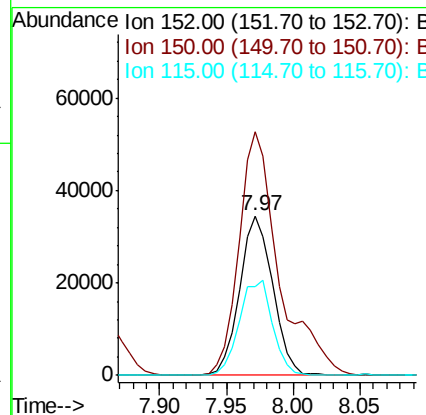
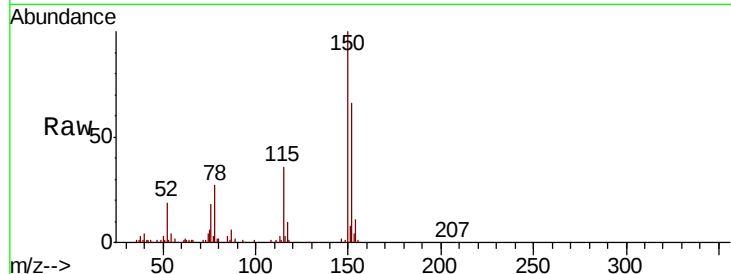
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.6	185.4
115	55.6	49.1	73.7

Manual Integrations
APPROVED

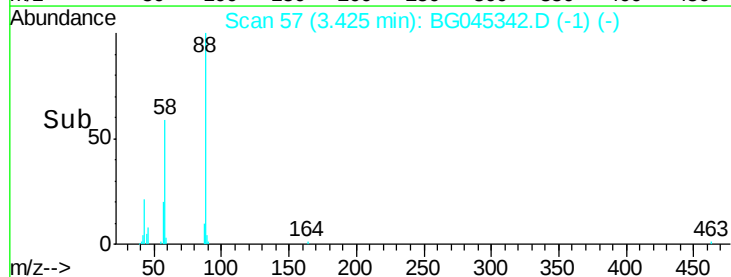
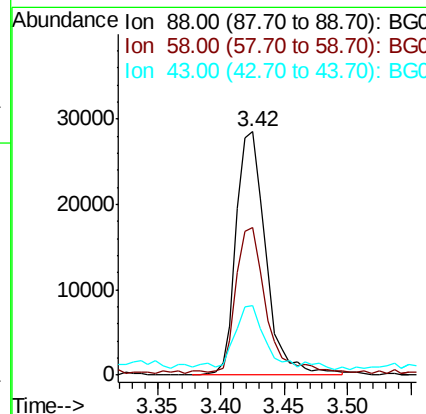
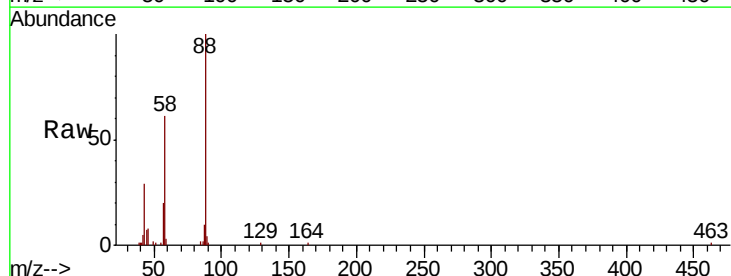
mohammad
5/14/2020 11:53:52 AM

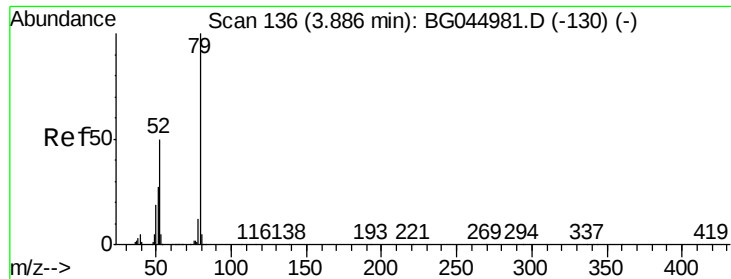


#2

1,4-Dioxane
Concen: 28.863 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.6	46.6	69.8
43	25.1	17.5	26.3





#3

Pvridine

Concen: 23.874 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

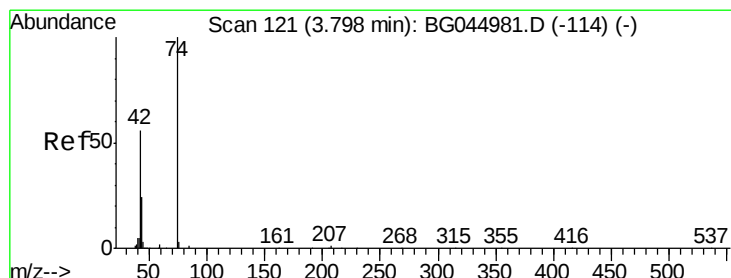
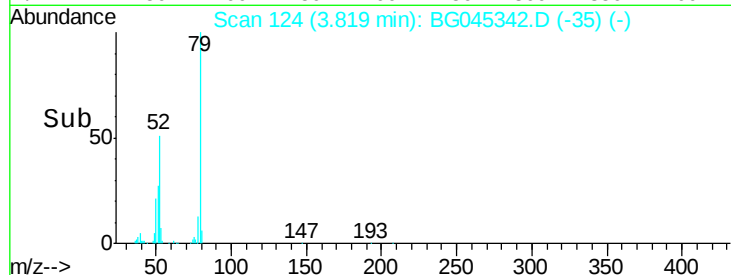
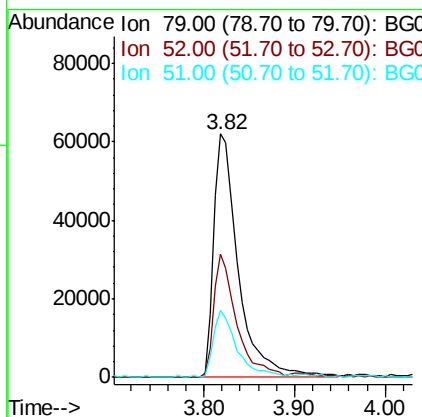
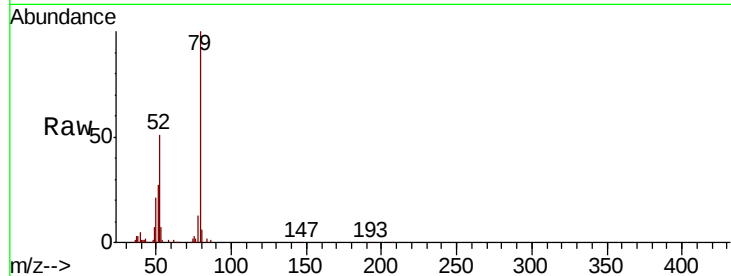
ClientSampleId :

PB128808BS

Tot Ion:	79	Resp:	117100
Ion	Ratio	Lower	Upper
79	100		
52	50.8	39.8	59.6
51	27.3	21.4	32.2

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#4

n-Nitrosodimethylamine

Concen: 37.046 ng

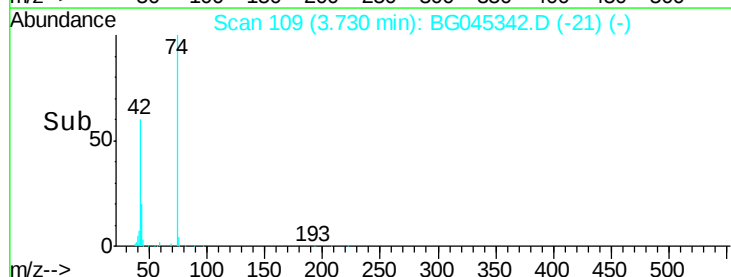
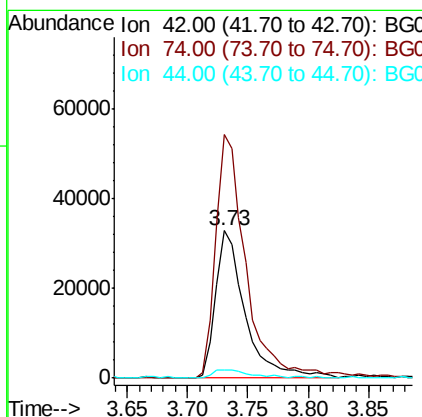
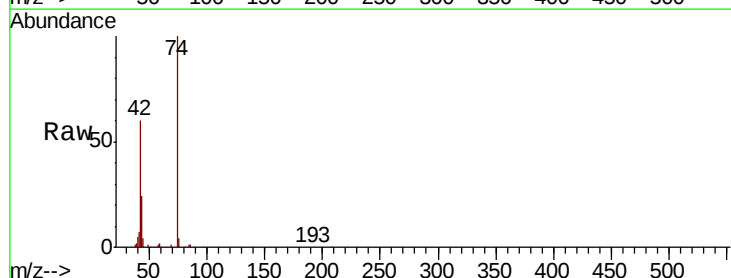
RT: 3.73 min Scan# 109

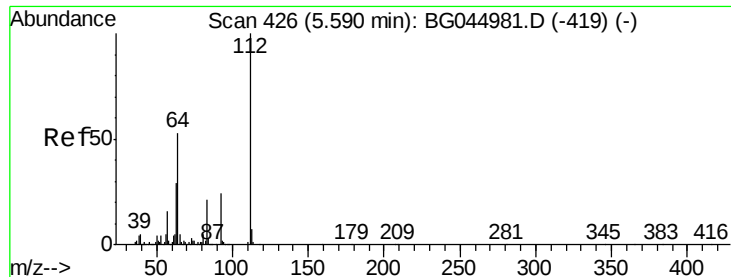
Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	42	Resp:	55664
Ion	Ratio	Lower	Upper
42	100		
74	165.3	143.0	214.6
44	5.9	4.6	6.8





#5

2-Fluorophenol

Concen: 80.785 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

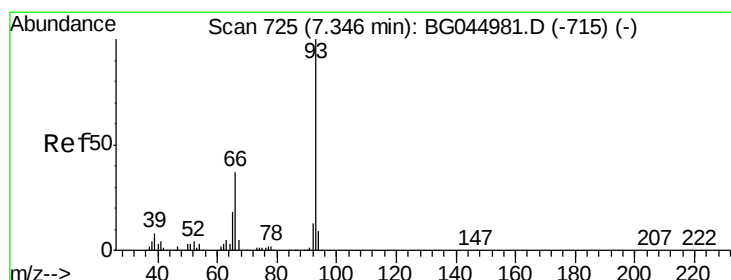
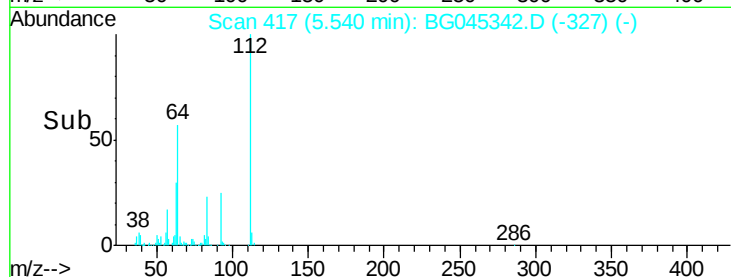
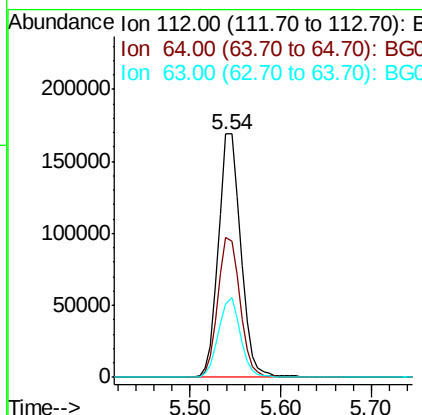
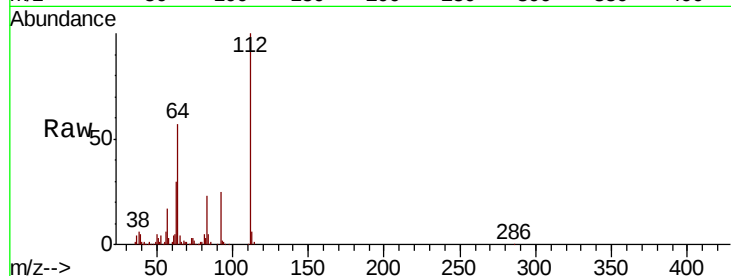
ClientSampleId :

PB128808BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	289579		
64	57.3	42.4	63.6	
63	30.1	23.1	34.7	

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#6

Aniline

Concen: 27.387 ng

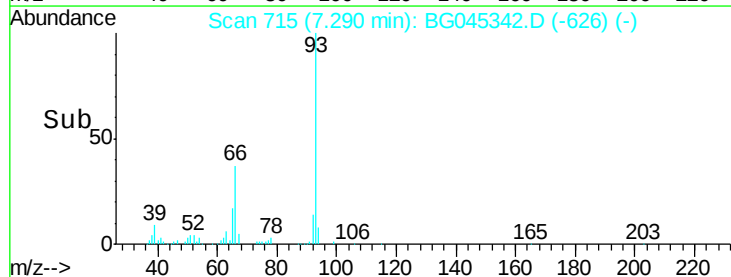
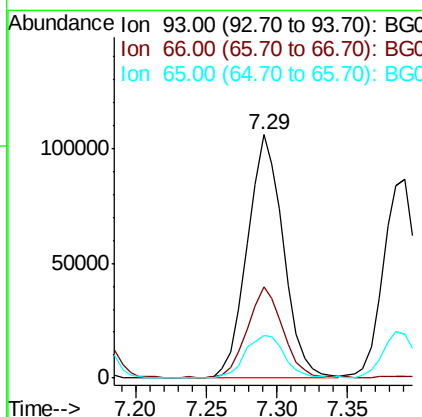
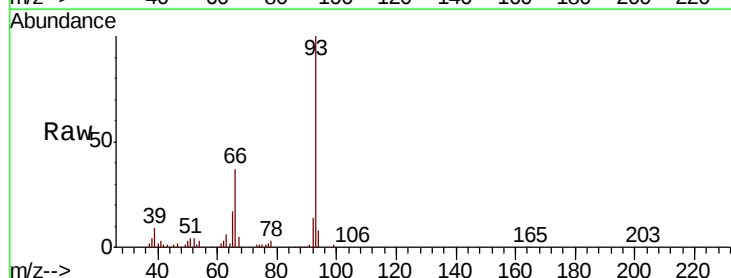
RT: 7.29 min Scan# 715

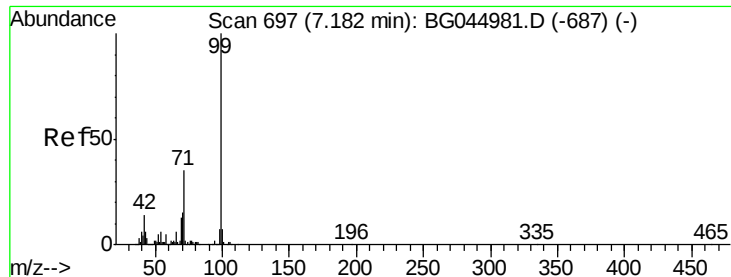
Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	189638		
66	37.4	29.8	44.8	
65	17.3	14.6	22.0	





#7

Phenol-d6

Concen: 76.641 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

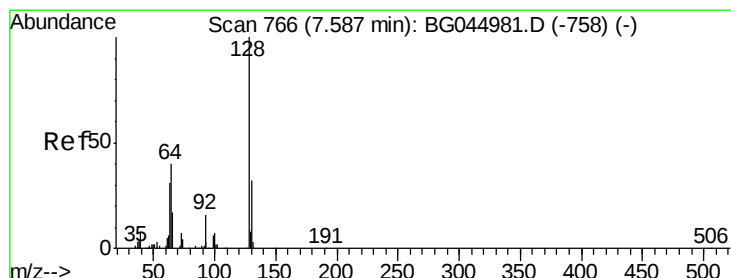
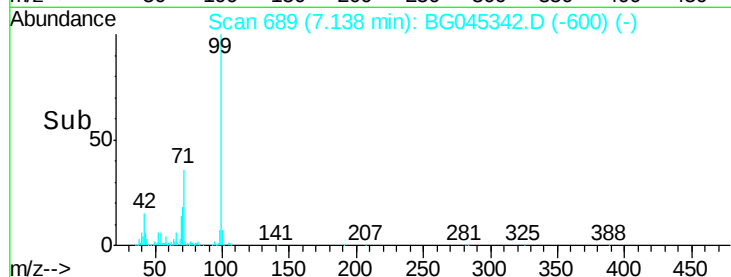
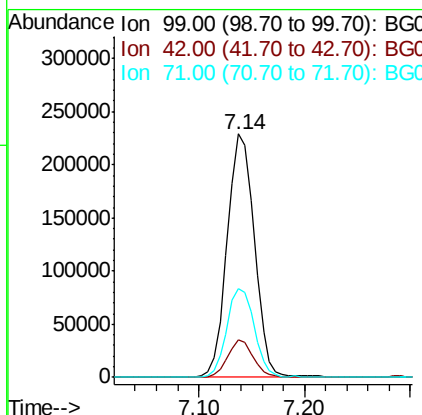
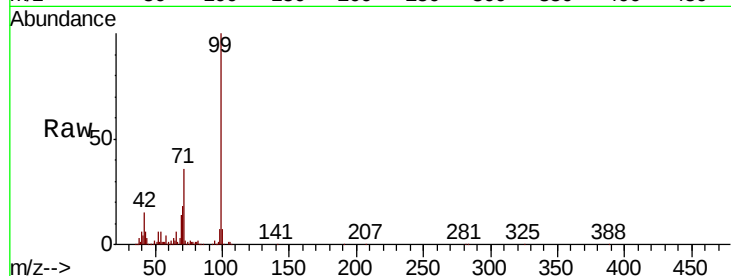
ClientSampleId :

PB128808BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		408170		
42	15.2	11.3	16.9		
71	36.3	28.3	42.5		

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#8

2-Chlorophenol

Concen: 41.328 ng

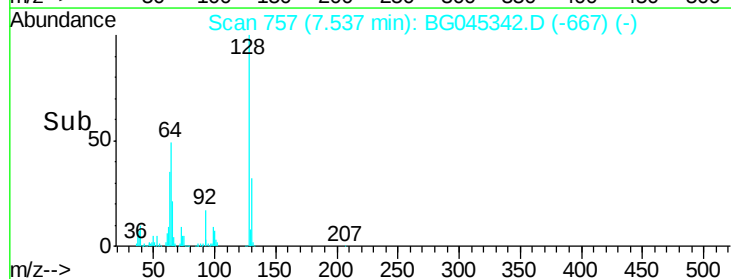
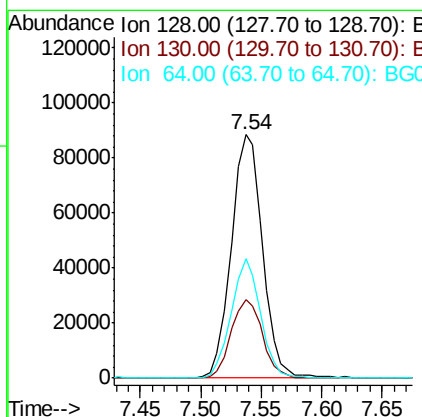
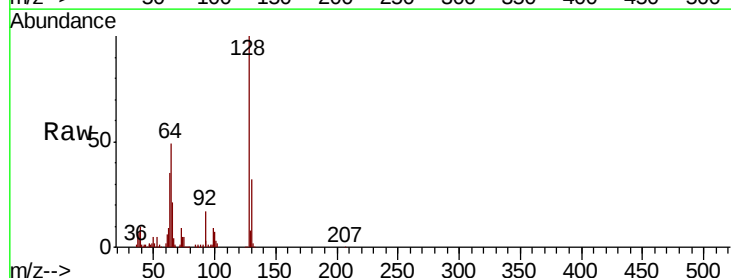
RT: 7.54 min Scan# 757

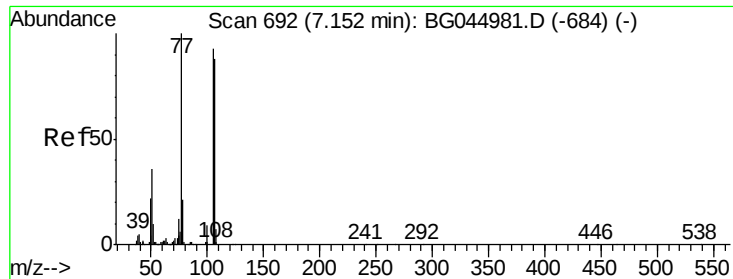
Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		159213		
130	32.5	12.3	52.3		
64	49.1	24.4	64.4		





#9

Benzaldehyde

Concen: 38.429 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

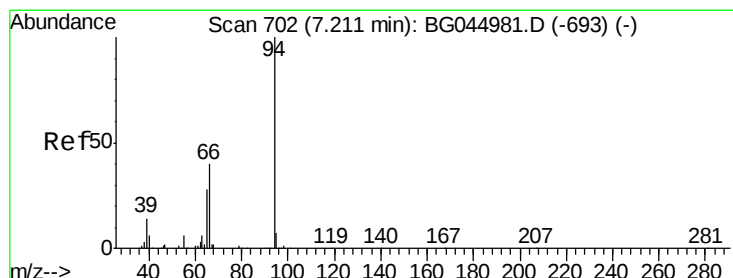
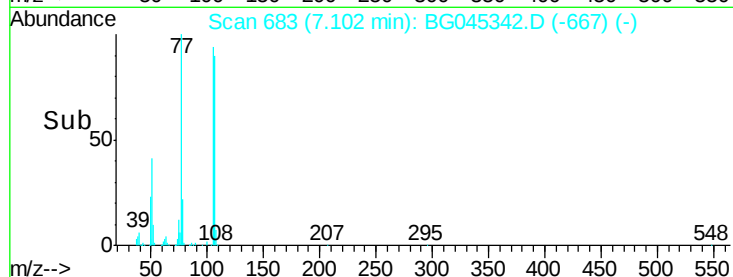
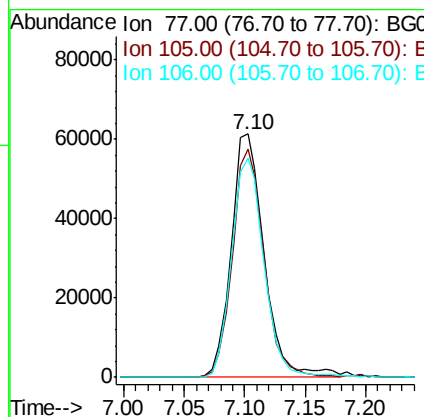
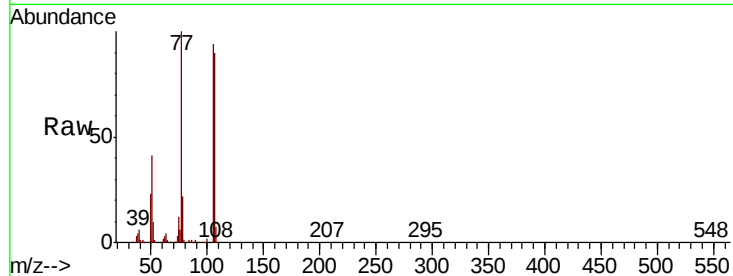
ClientSampleId :

PB128808BS

Tot Ion:	77	Resp:	11685
Ion Ratio	Lower	Upper	
77	100		
105	94.0	72.9	112.9
106	90.2	67.6	107.6

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#10

Phenol

Concen: 40.259 ng

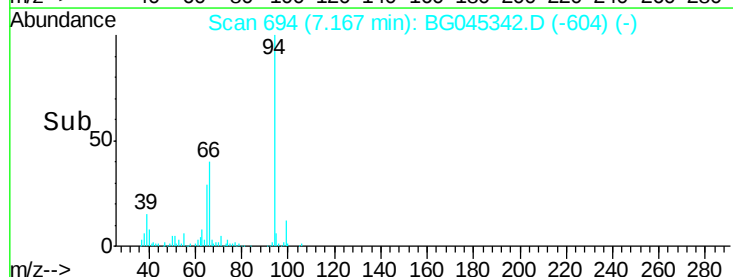
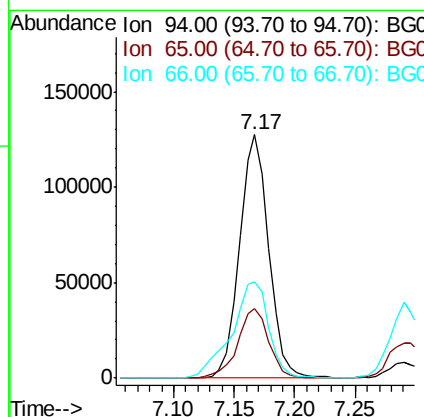
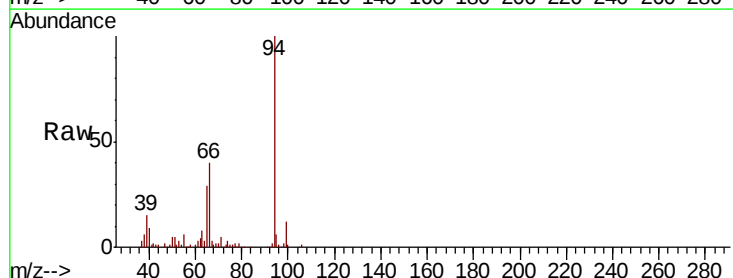
RT: 7.17 min Scan# 694

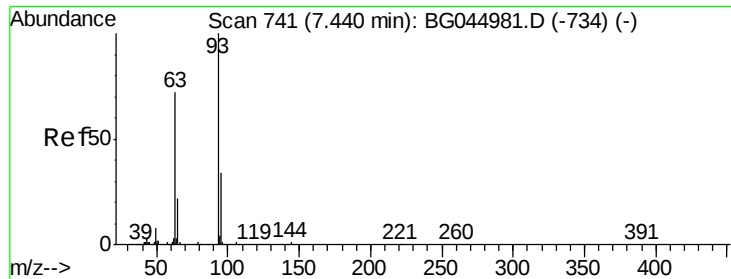
Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	94	Resp:	214555
Ion Ratio	Lower	Upper	
94	100		
65	28.6	8.2	48.2
66	39.8	20.4	60.4





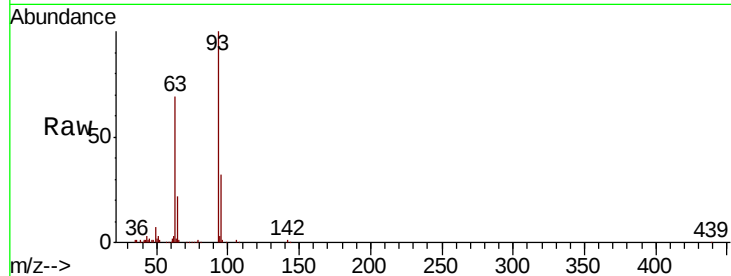
#11
bis(2-Chloroethyl)ether
Concen: 34.076 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

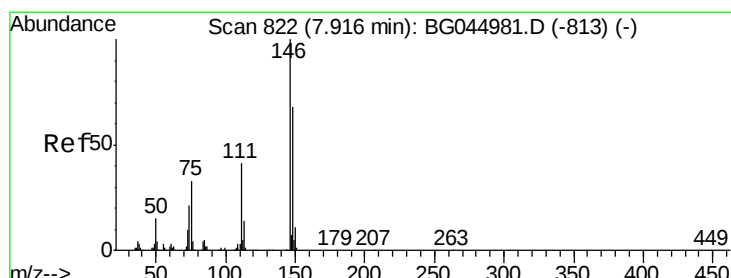
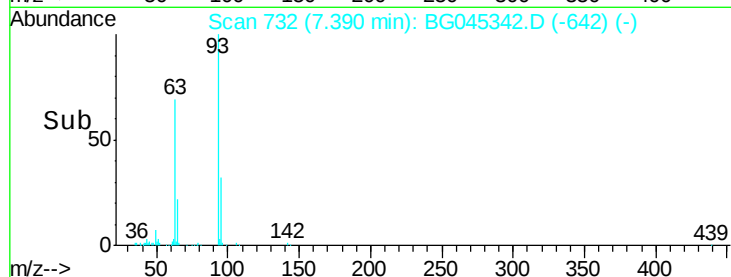
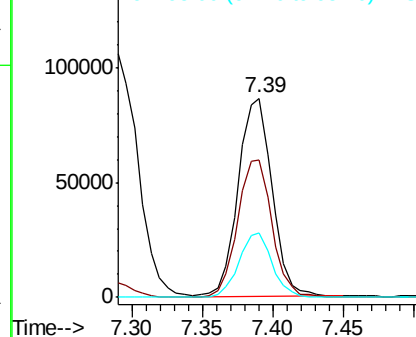
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.0	51.8	91.8
95	32.2	13.8	53.8

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM

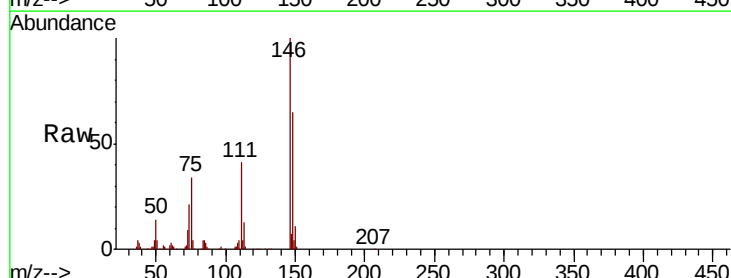


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

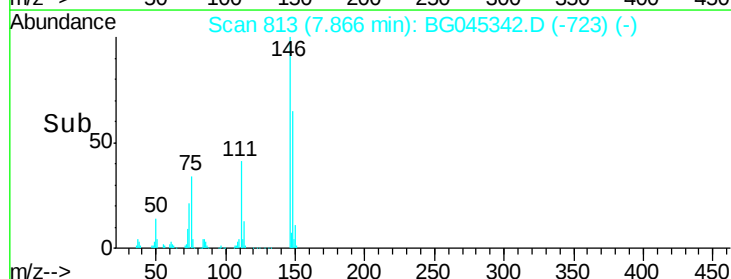
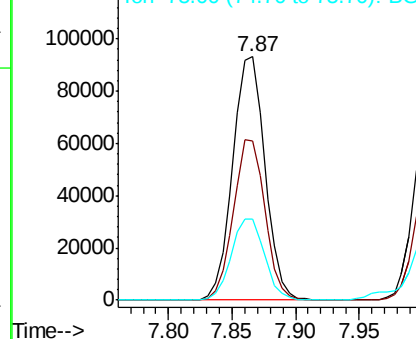


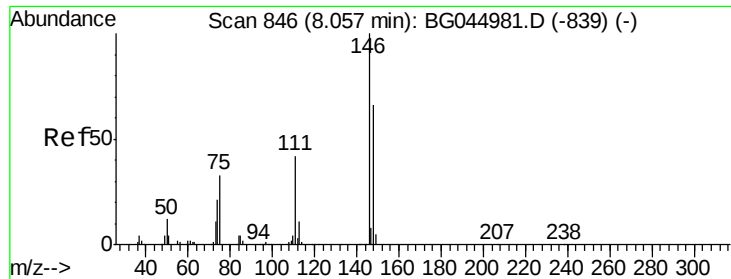
#12
1,3-Dichlorobenzene
Concen: 36.227 ng
RT: 7.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	54.6	81.8
75	33.5	26.0	39.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





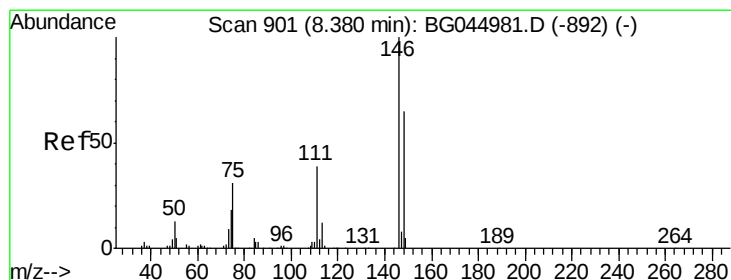
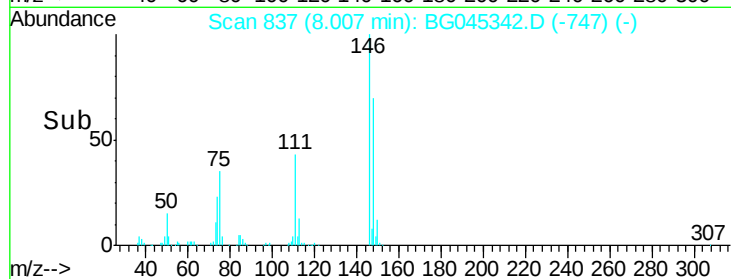
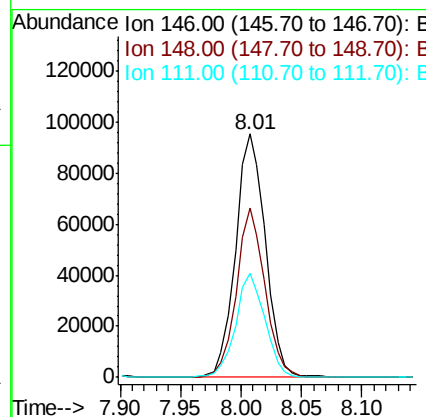
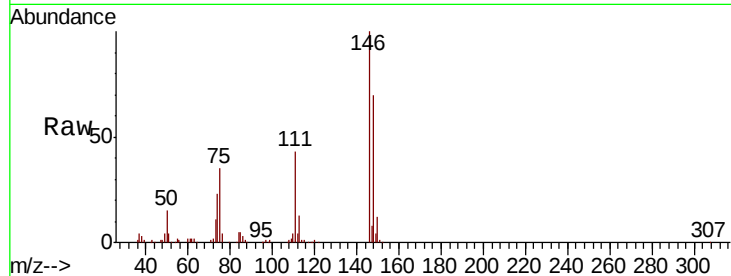
#13
 1,4-Dichlorobenzene
 Concen: 36.262 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.8	53.3	79.9
111	42.9	33.8	50.8

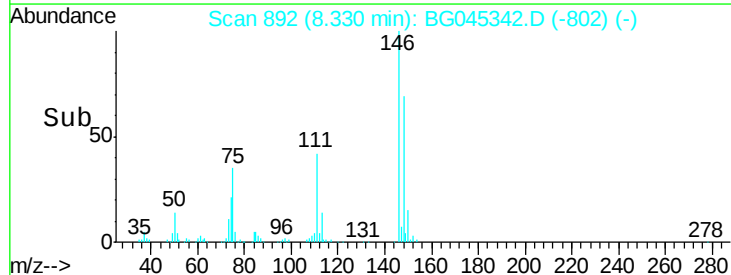
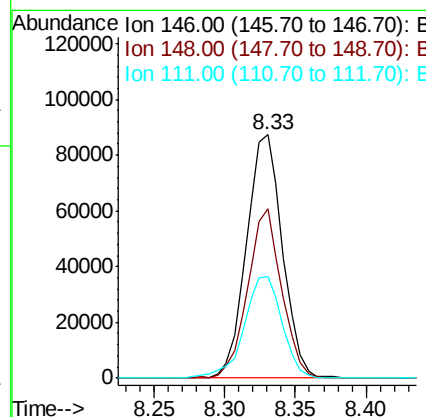
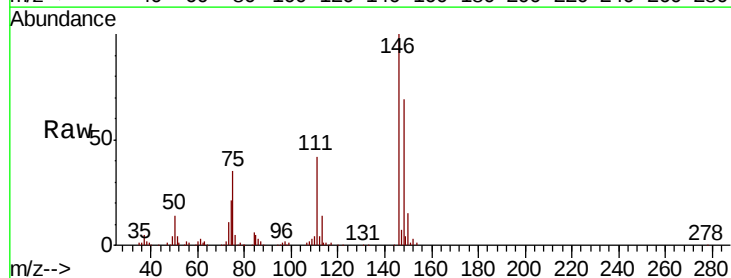
Manual Integrations
 APPROVED

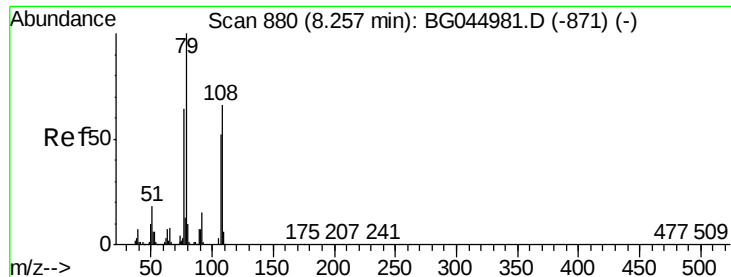
mohammad
 5/14/2020 11:53:52 AM



#14
 1,2-Dichlorobenzene
 Concen: 35.930 ng
 RT: 8.33 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.3	51.9	77.9
111	41.6	31.3	46.9





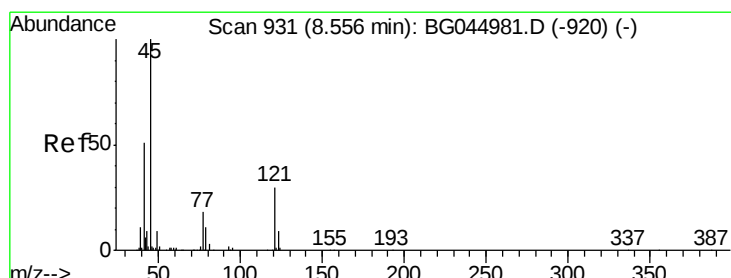
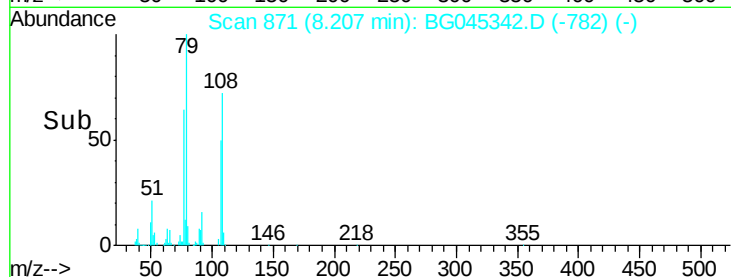
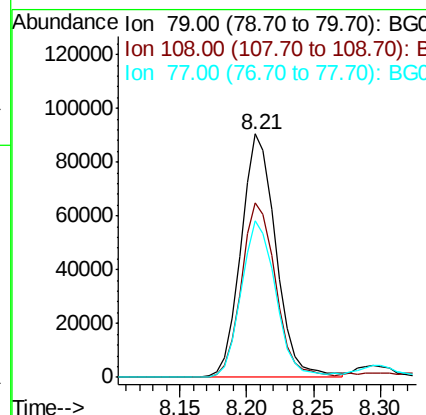
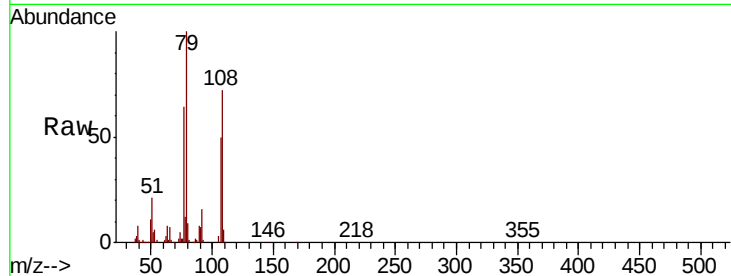
#15
Benzyl Alcohol
Concen: 36.633 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.6	52.7	79.1
77	64.1	51.3	76.9

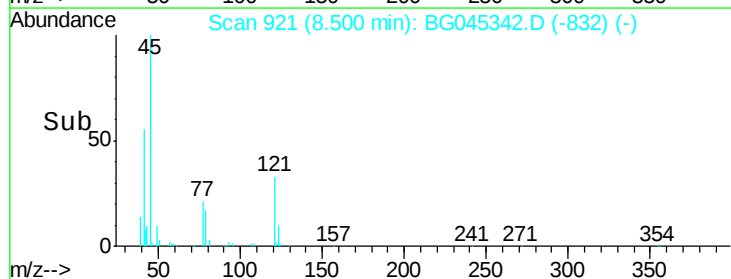
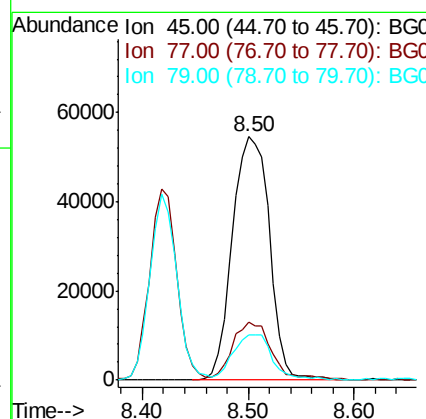
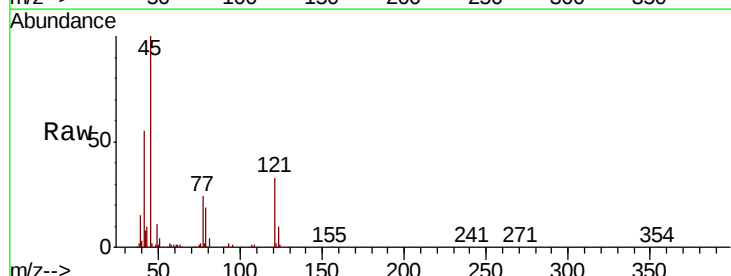
Manual Integrations
APPROVED

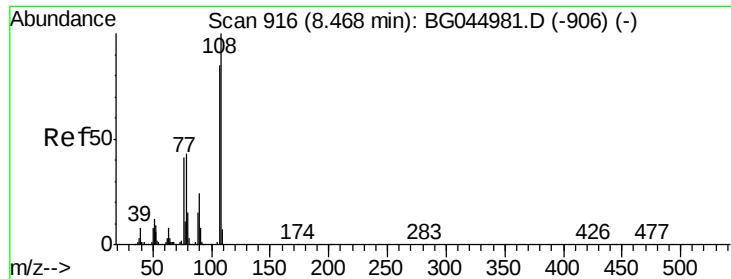
mohammad
5/14/2020 11:53:52 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.817 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.8	1.9	41.9
79	18.5	0.0	35.5





#17

2-Methylphenol

Concen: 34.746 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

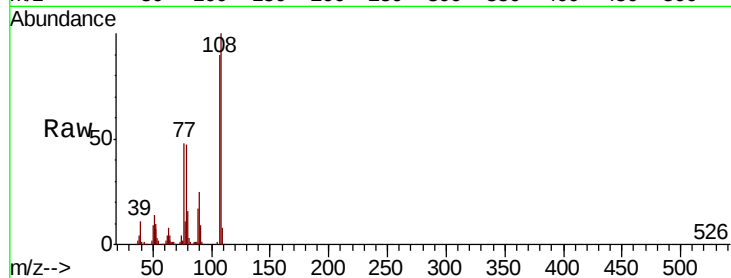
ClientSampleId :

PB128808BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	93.8	140.6	
77	54.0	38.5	57.7	
79	52.5	40.1	60.1	

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



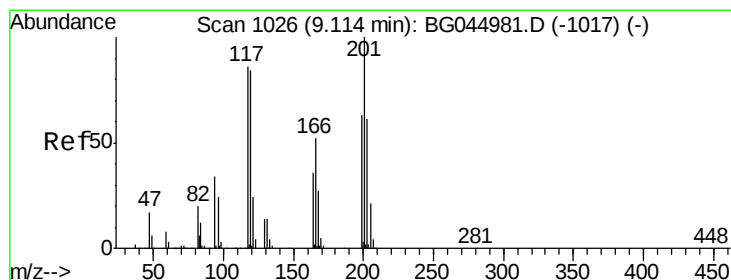
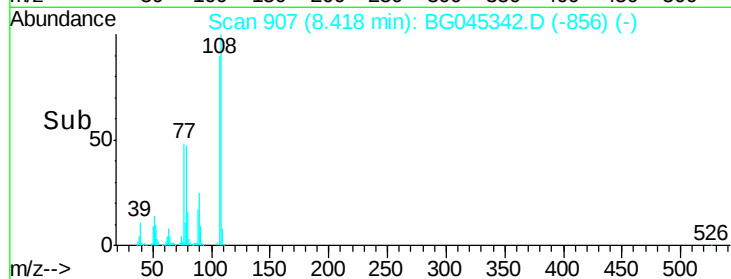
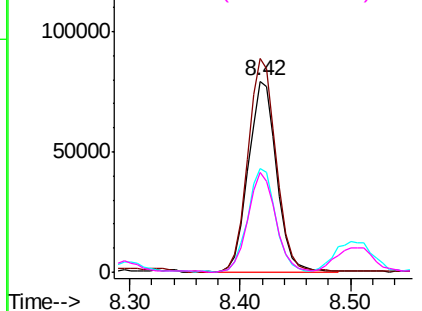
Abundance

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: 36.591 ng

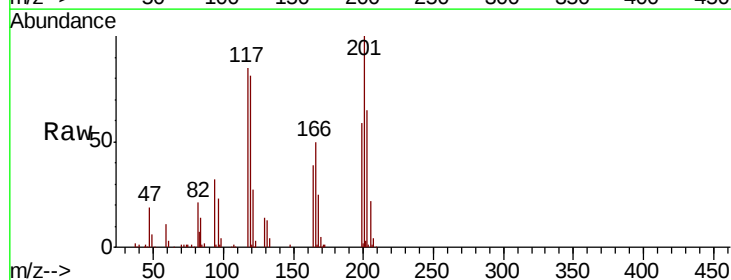
RT: 9.06 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	78.3	117.5	
201	118.1	92.9	139.3	

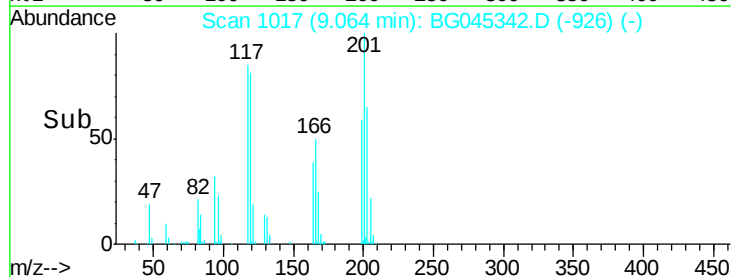
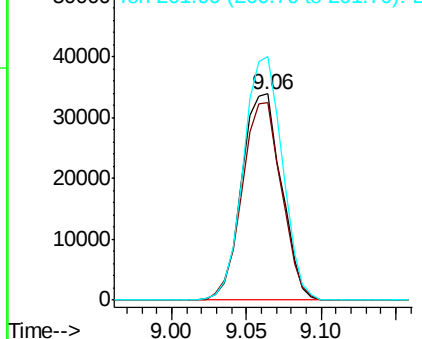


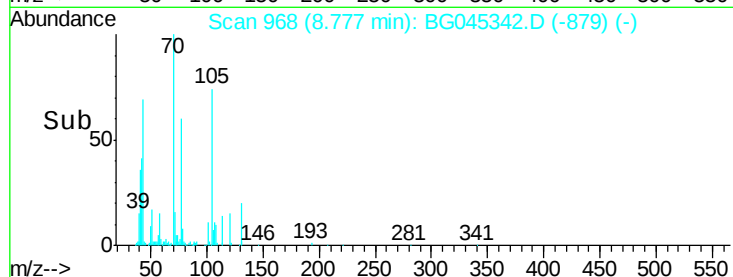
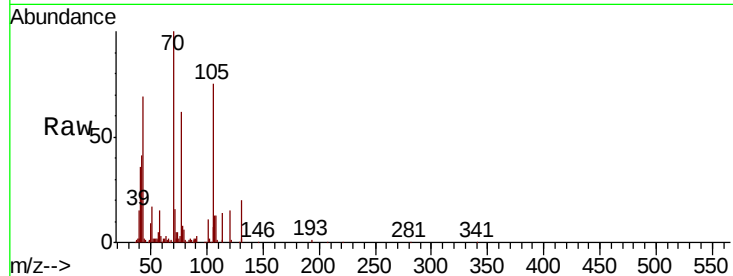
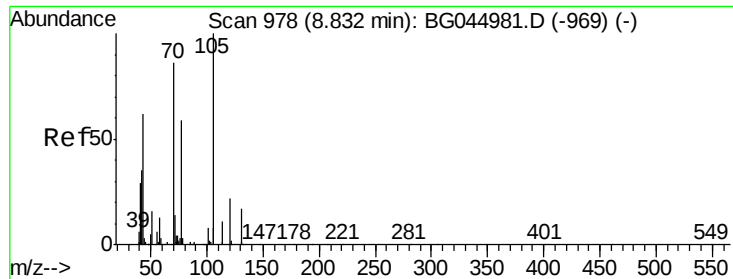
Abundance

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





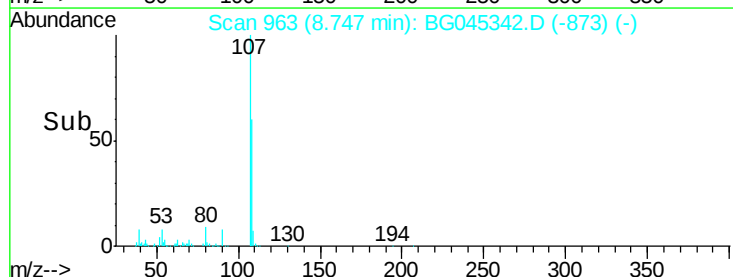
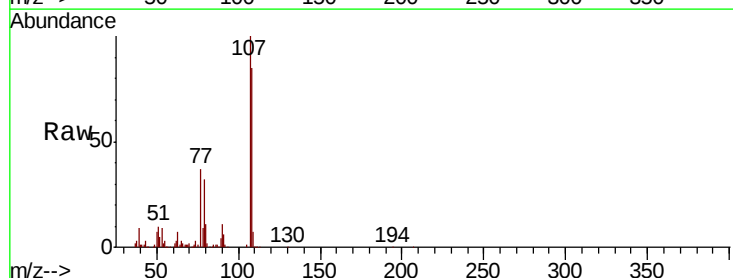
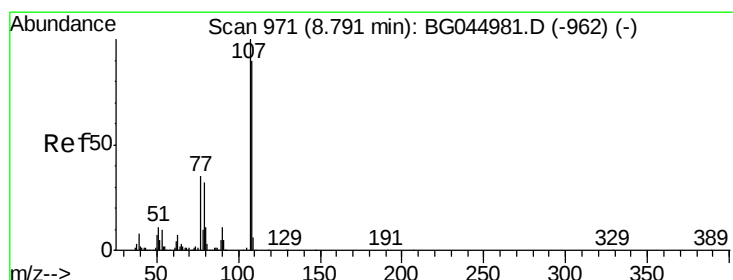
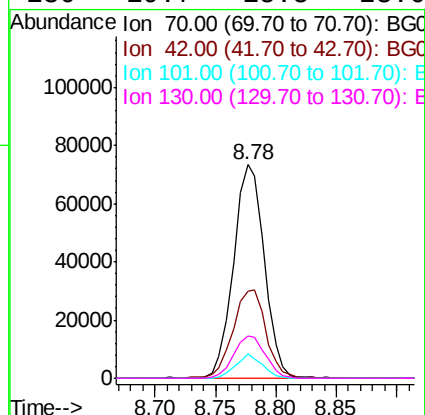
#19
n-Nitroso-di-n-propylamine
Concen: 34.625 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		130411		
42	40.6	33.3	49.9		
101	11.3	7.8	11.8		
130	19.7	15.8	23.6		

Instrument :
BNA_G
ClientSampleId :
PB128808BS

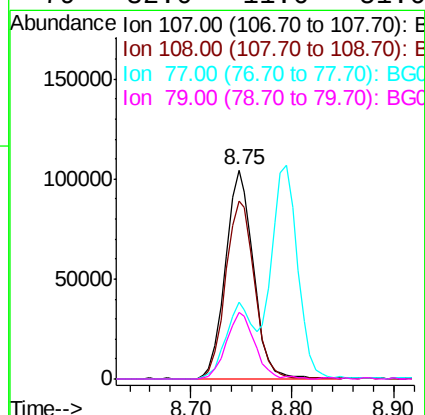
Manual Integrations
APPROVED

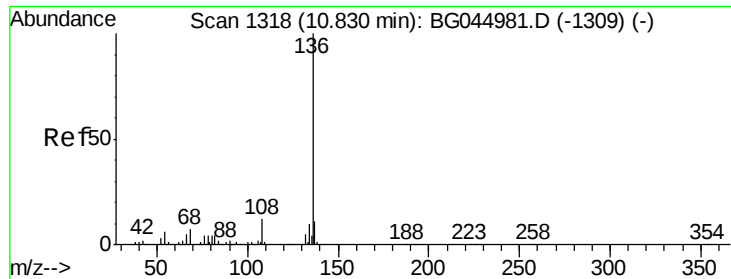
mohammad
5/14/2020 11:53:52 AM



#20
3+4-Methylphenols
Concen: 34.708 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		199757		
108	85.0	69.9	109.9		
77	36.9	15.2	55.2		
79	32.0	11.6	51.6		





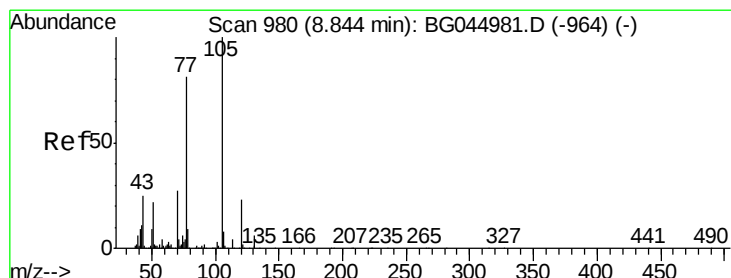
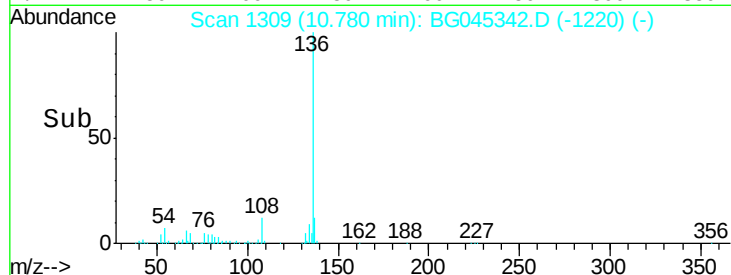
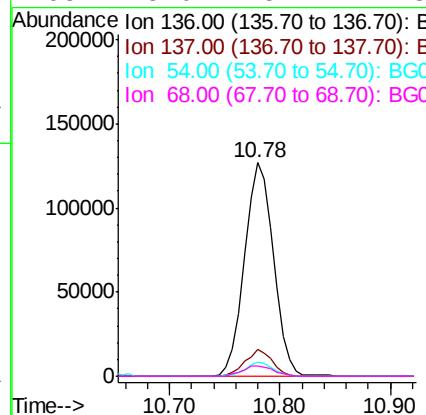
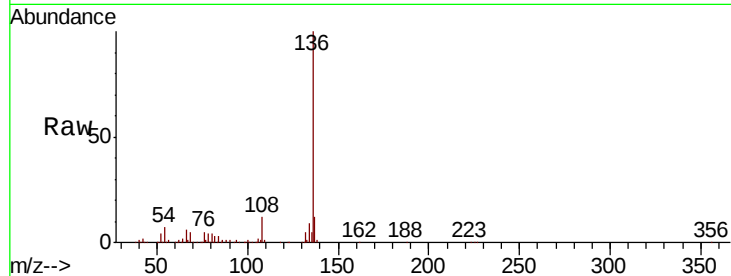
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	234692		
137	12.4	8.6	13.0	
54	6.7	4.8	7.2	
68	5.0	5.2	7.8	

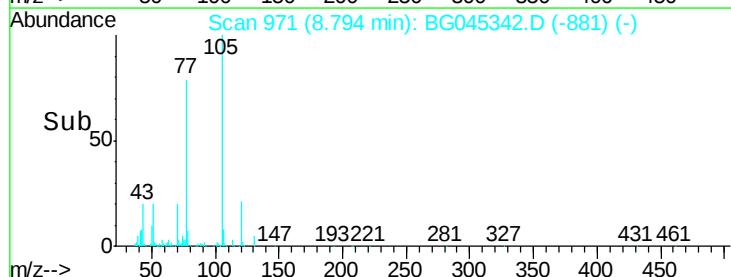
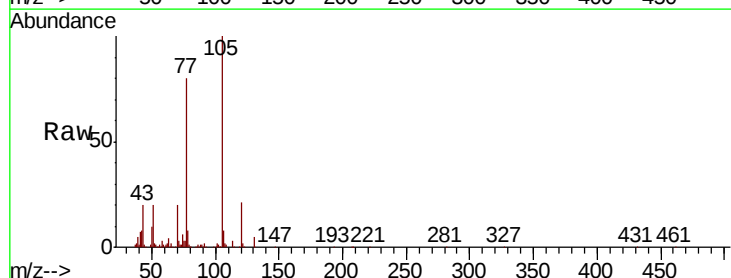
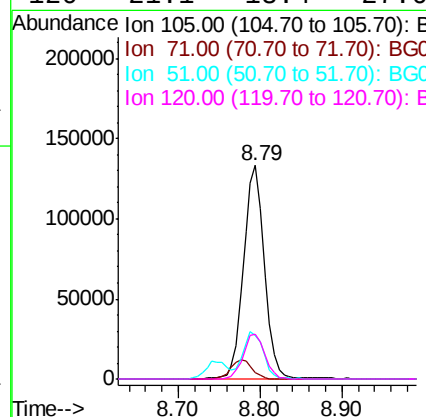
Manual Integrations
APPROVED

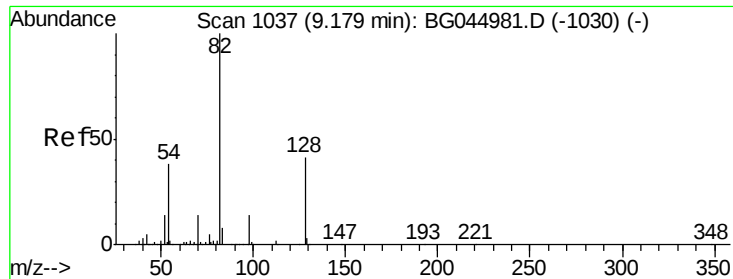
mohammad
5/14/2020 11:53:52 AM



#22
Acetophenone
Concen: 37.344 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237009		
71	3.1	3.3	4.9	
51	20.2	17.3	25.9	
120	21.1	18.4	27.6	





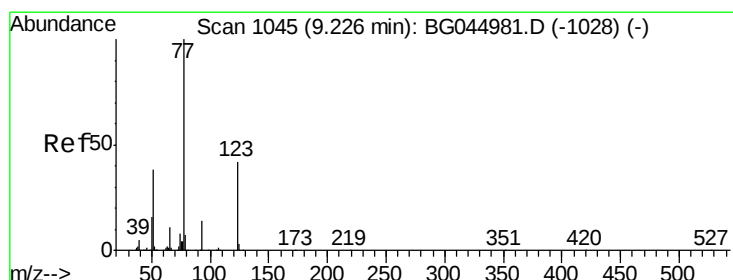
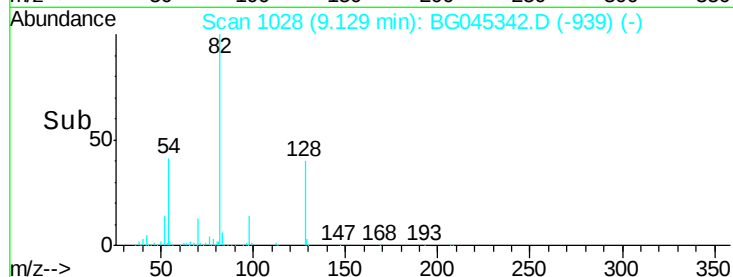
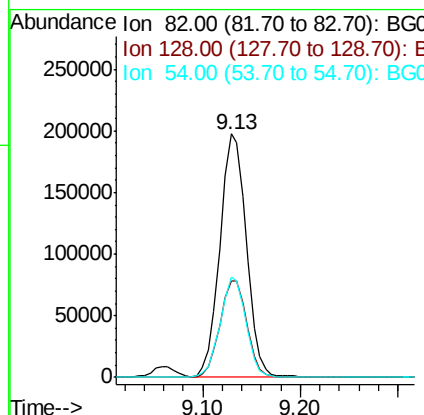
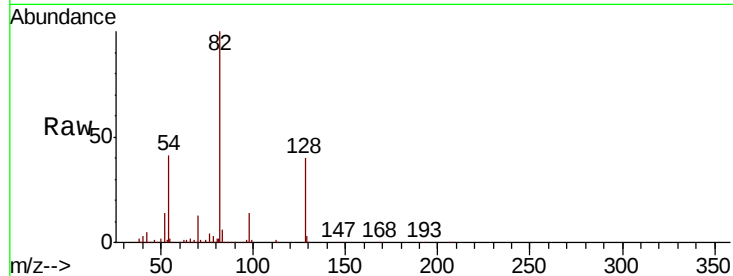
#23
 Nitrobenzene-d5
 Concen: 71.964 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	370147		
128	39.6		33.0	49.4
54	41.0		30.4	45.6

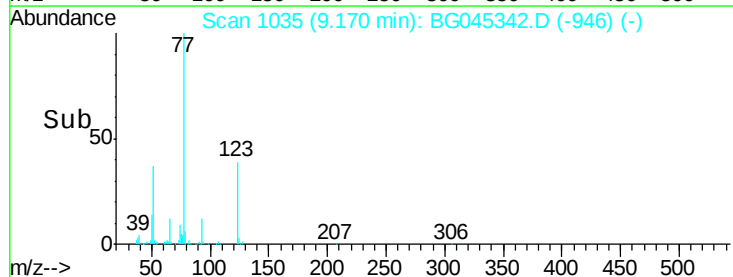
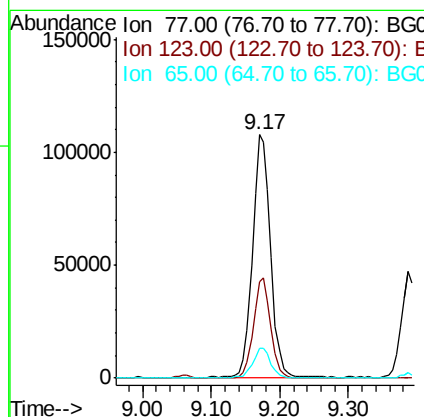
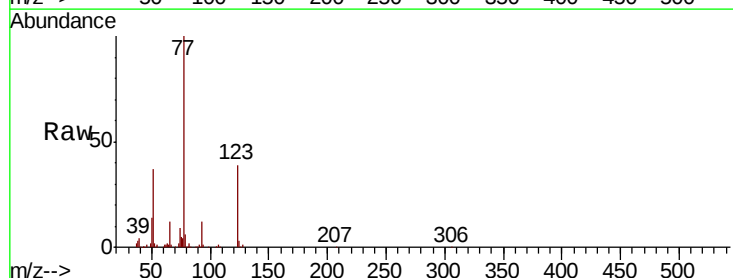
Manual Integrations
 APPROVED

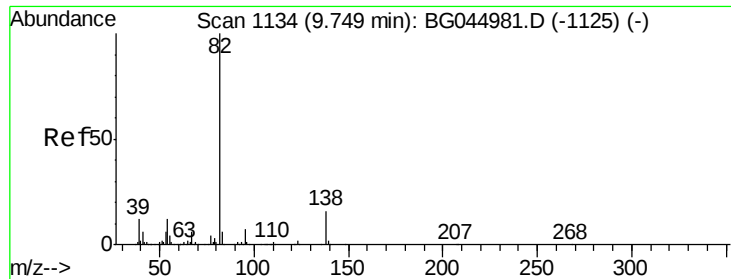
mohammad
 5/14/2020 11:53:52 AM



#24
 Nitrobenzene
 Concen: 37.998 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	200339		
123	39.4		34.3	51.5
65	12.1		8.9	13.3





#25

Isophorone

Concen: 34.845 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

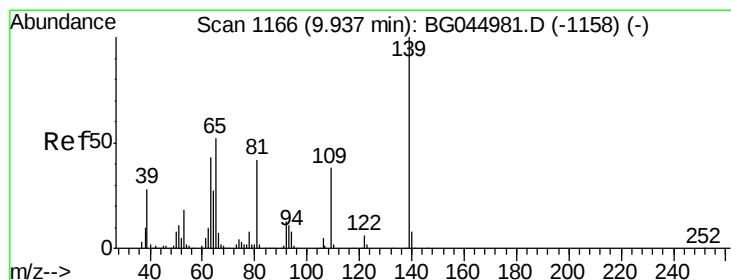
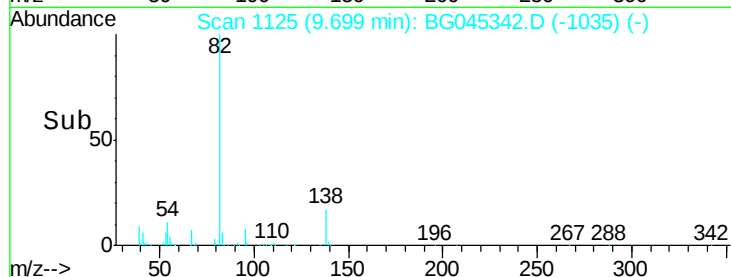
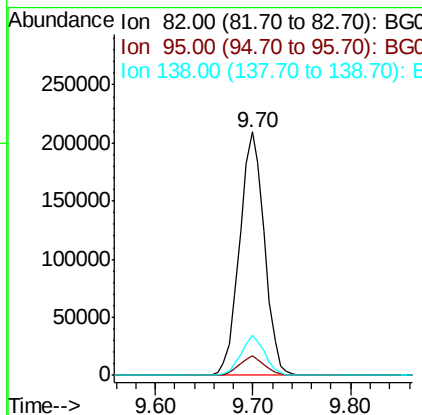
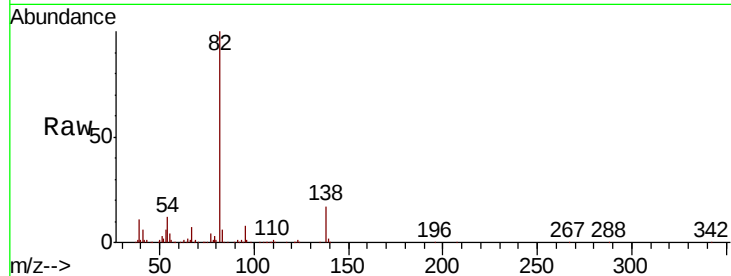
ClientSampled :

PB128808BS

Tot Ion:	82	Resp:	367031
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.0	9.0
138	16.6	12.7	19.1

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#26

2-Nitrophenol

Concen: 38.463 ng

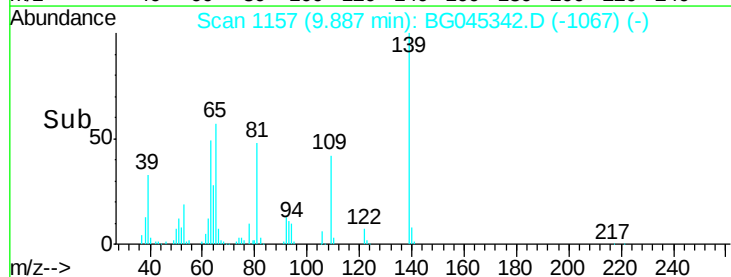
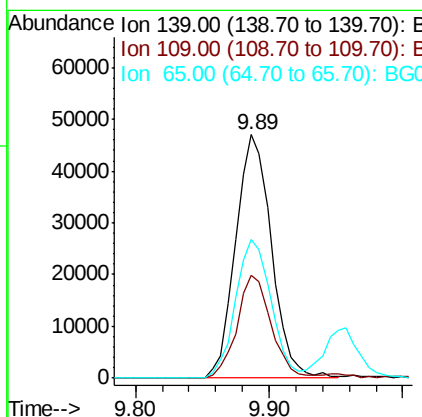
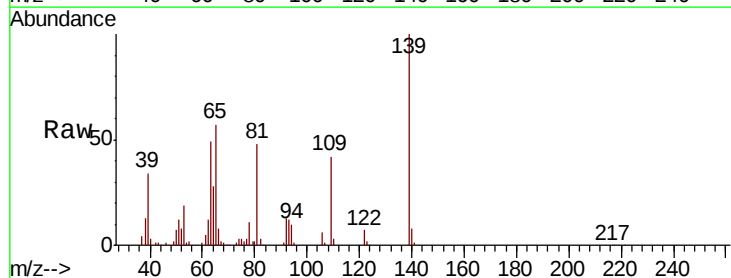
RT: 9.89 min Scan# 1157

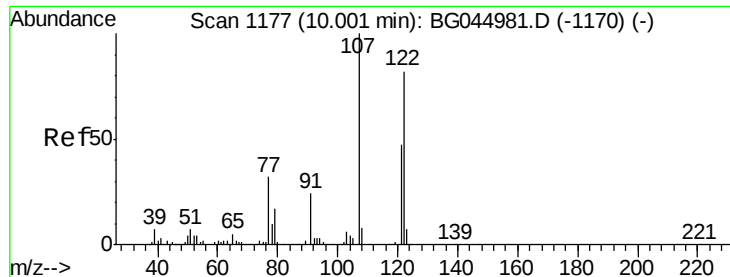
Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	139	Resp:	87351
Ion Ratio	Lower	Upper	
139	100		
109	42.1	30.6	45.8
65	56.7	41.8	62.6





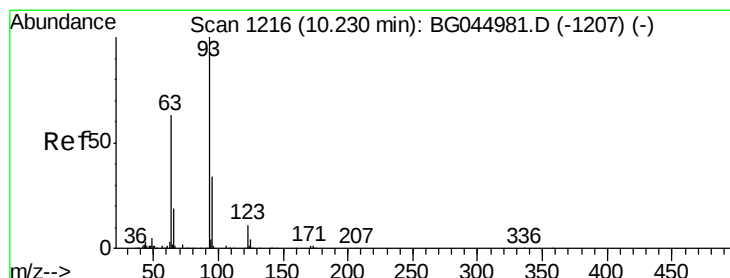
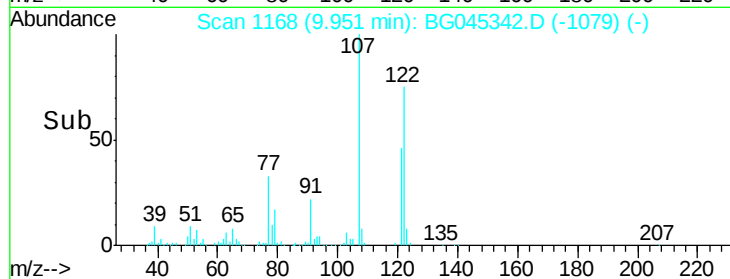
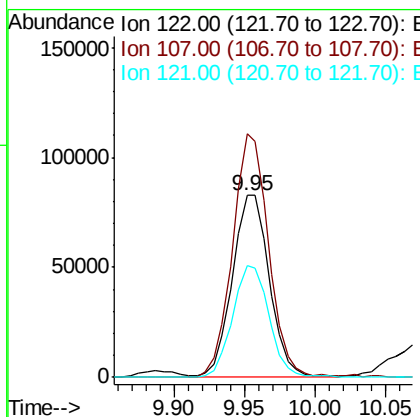
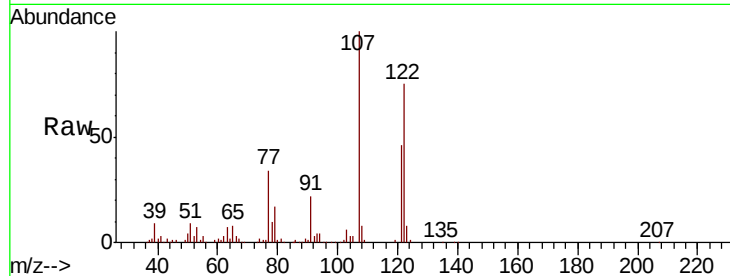
#27
2,4-Dimethylphenol
Concen: 41.727 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	134.0	96.8	145.2	
121	61.6	45.6	68.4	

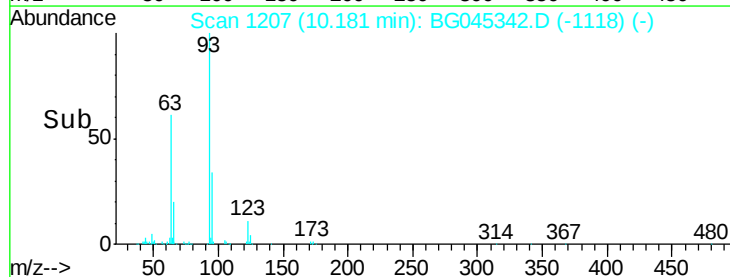
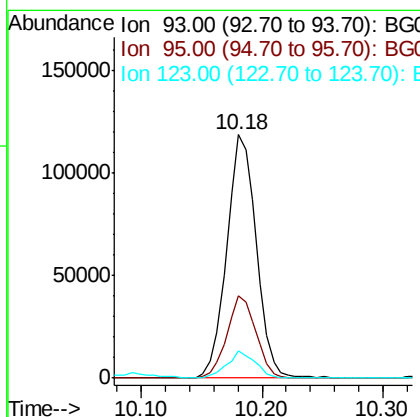
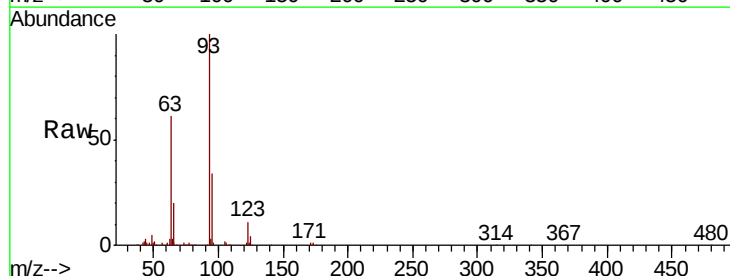
Manual Integrations
APPROVED

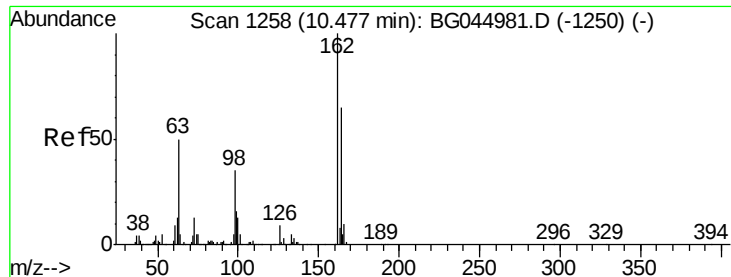
mohammad
5/14/2020 11:53:52 AM



#28
bis(2-Chloroethoxy)methane
Concen: 36.551 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.6	27.0	40.4	
123	11.0	8.7	13.1	





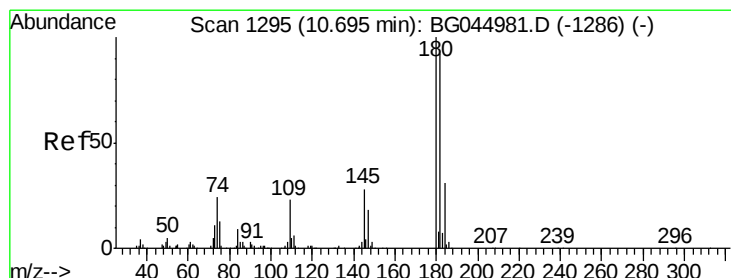
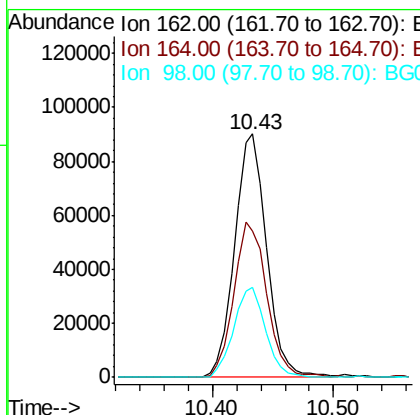
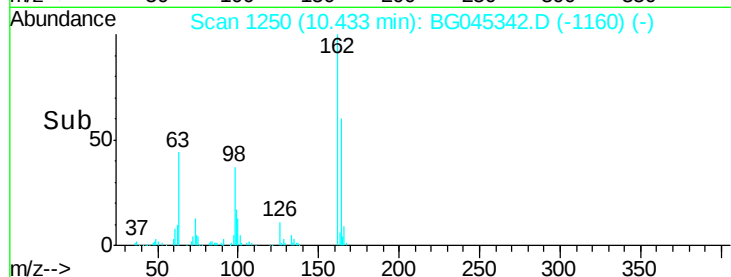
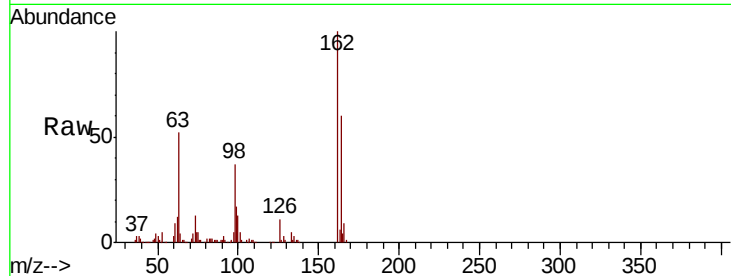
#29
2,4-Dichlorophenol
Concen: 40.044 ng
RT: 10.43 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	166617		
164	60.3	45.0	85.0	
98	37.1	15.2	55.2	

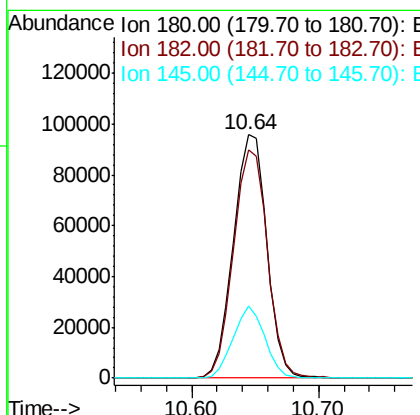
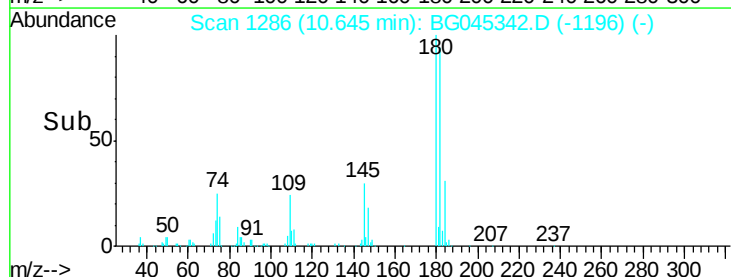
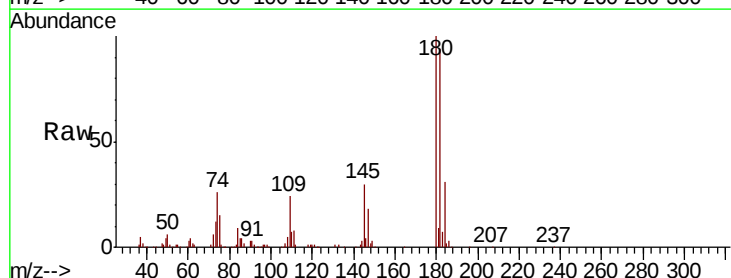
Manual Integrations
APPROVED

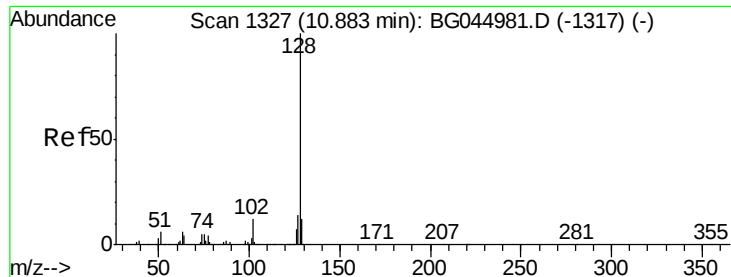
mohammad
5/14/2020 11:53:52 AM



#30
1,2,4-Trichlorobenzene
Concen: 37.205 ng
RT: 10.64 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	175270		
182	93.6	73.3	109.9	
145	29.6	22.6	33.8	





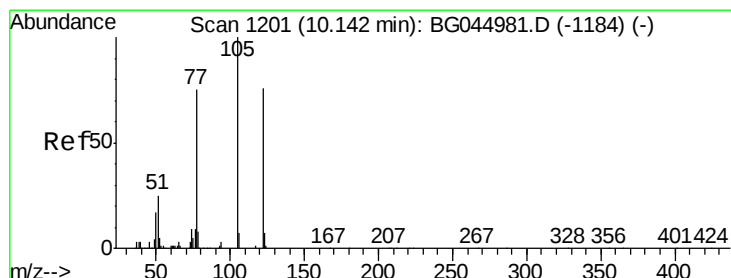
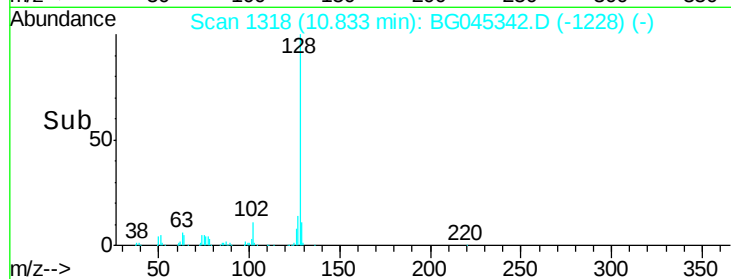
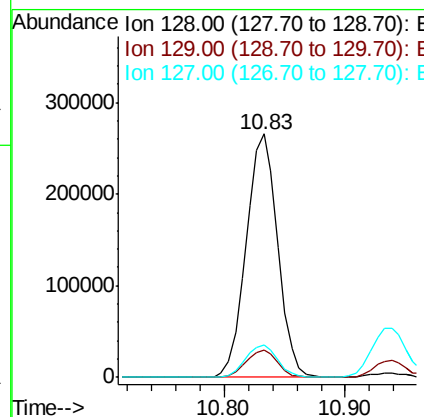
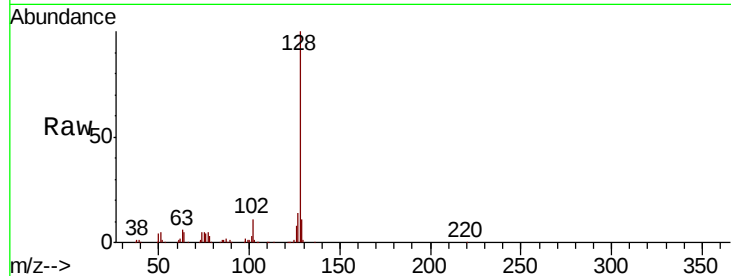
#31
Naphthalene
Concen: 37.536 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.4	14.2	
127	13.5	10.8	16.2	

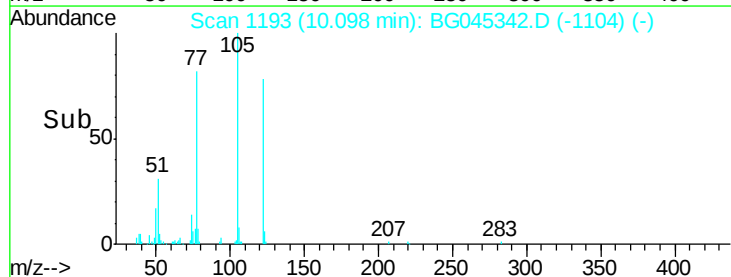
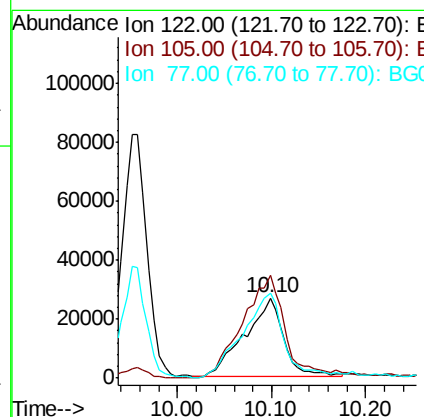
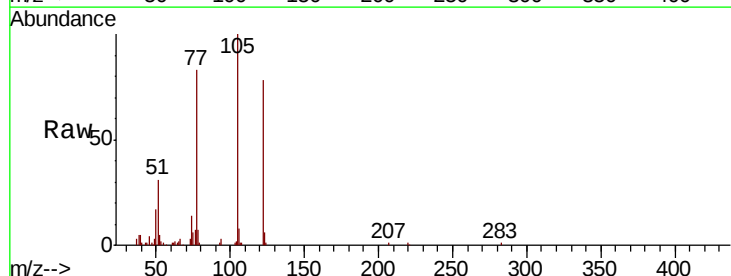
Manual Integrations
APPROVED

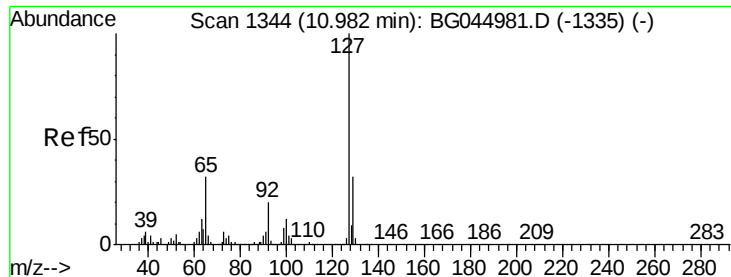
mohammad
5/14/2020 11:53:52 AM



#32
Benzoic acid
Concen: 29.452 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	128.1	108.4	148.4	
77	106.3	78.8	118.8	





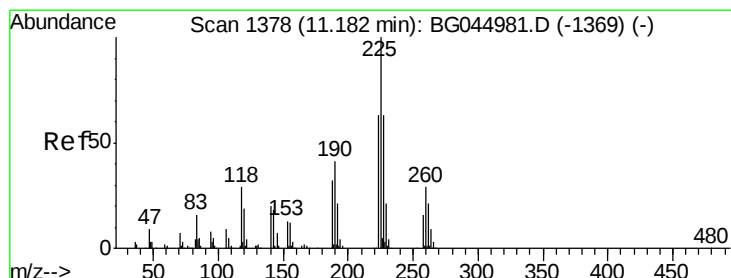
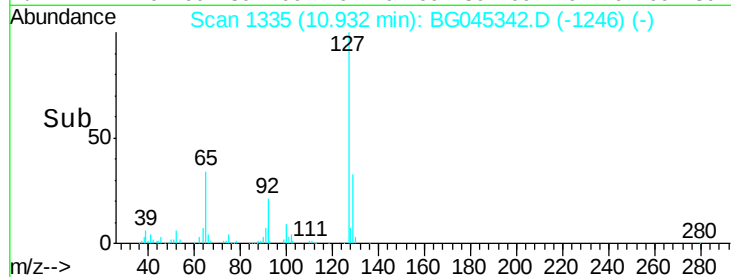
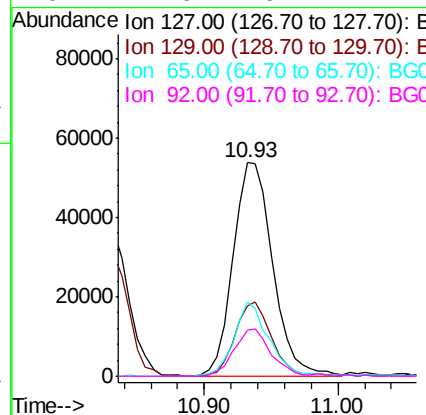
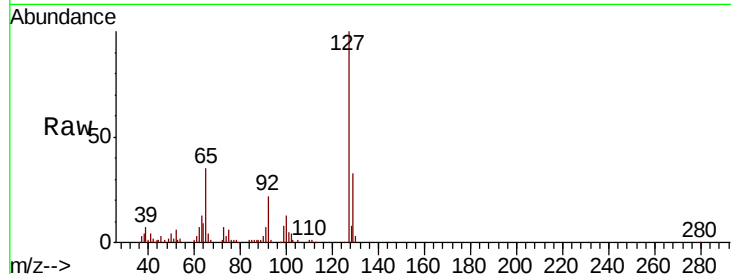
#33
4-Chloroaniline
Concen: 18.555 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	111099		
129	33.0	25.7	38.5	
65	34.8	25.4	38.2	
92	21.6	16.1	24.1	

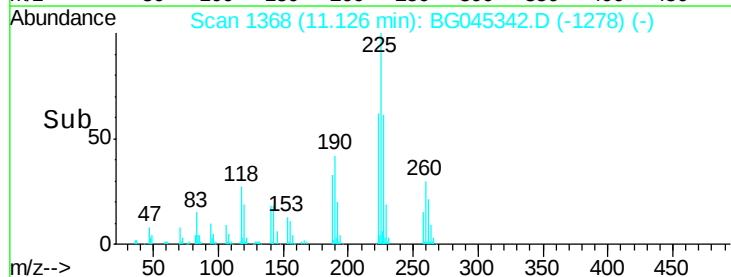
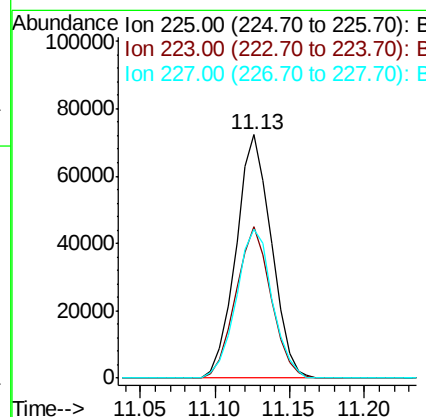
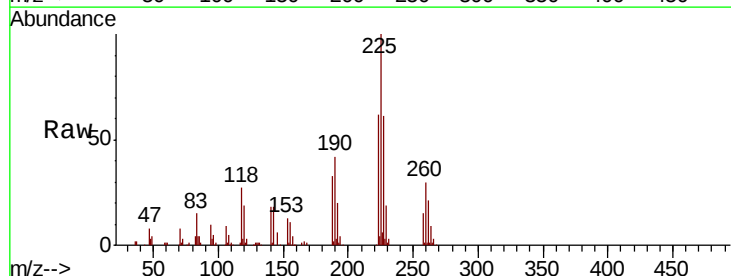
Manual Integrations
APPROVED

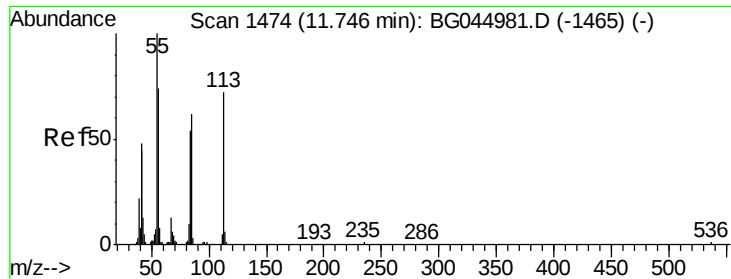
mohammad
5/14/2020 11:53:52 AM



#34
Hexachlorobutadiene
Concen: 36.888 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	119145		
223	62.3	50.7	76.1	
227	61.3	50.2	75.2	





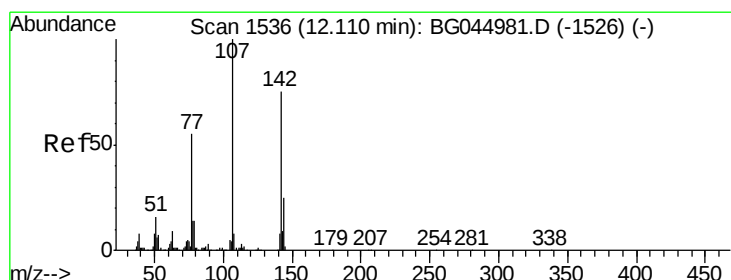
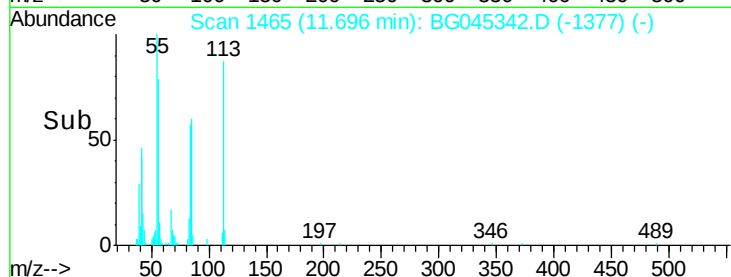
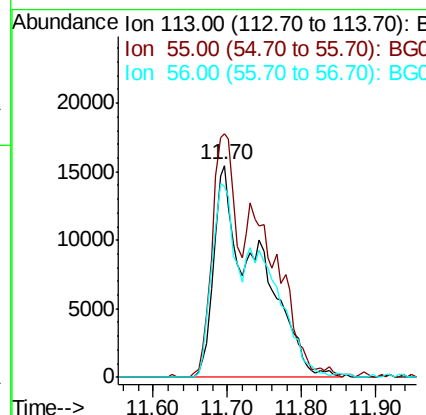
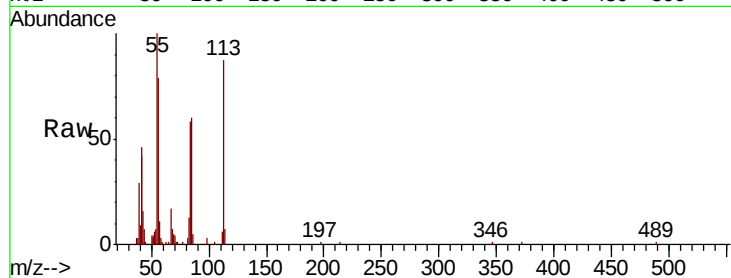
#35
Caprolactam
Concen: 37.973 ng/ml
RT: 11.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	114.8	118.8	158.8#
56	90.3	82.6	122.6

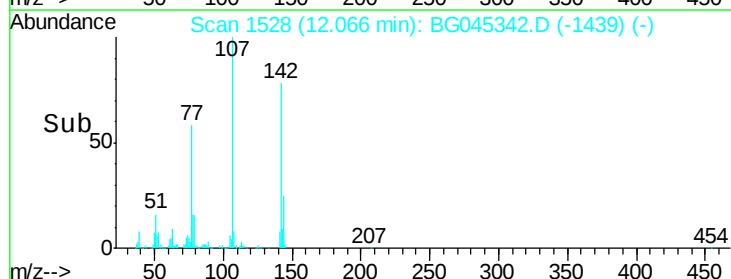
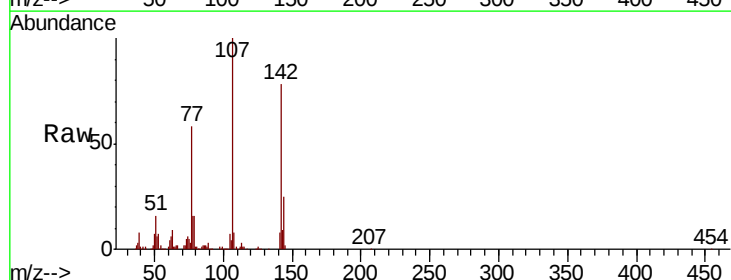
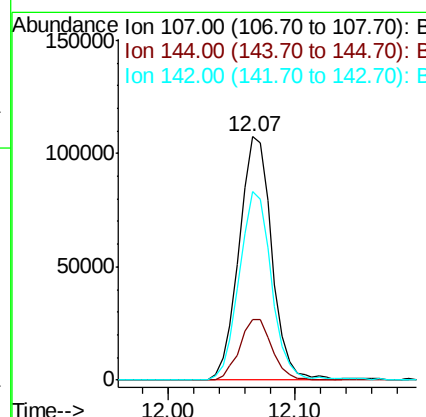
Manual Integrations
APPROVED

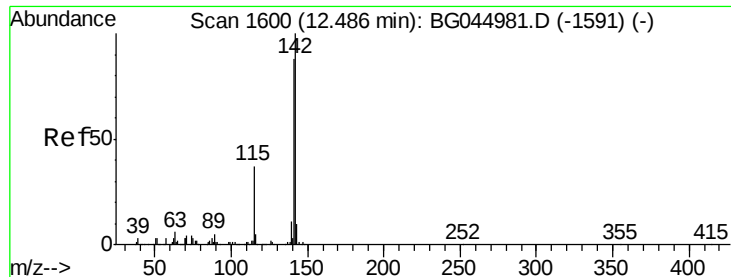
mohammad
5/14/2020 11:53:52 AM



#36
4-Chloro-3-methylphenol
Concen: 39.178 ng/ml
RT: 12.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.8	29.6
142	77.6	59.7	89.5





#37

2-Methylnaphthalene

Concen: 36.791 ng

RT: 12.44 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

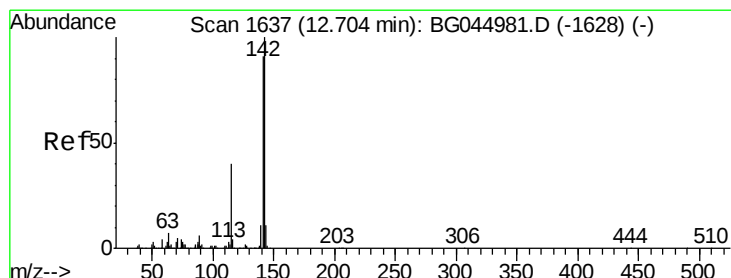
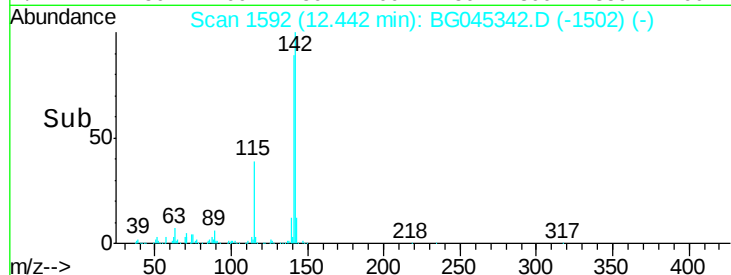
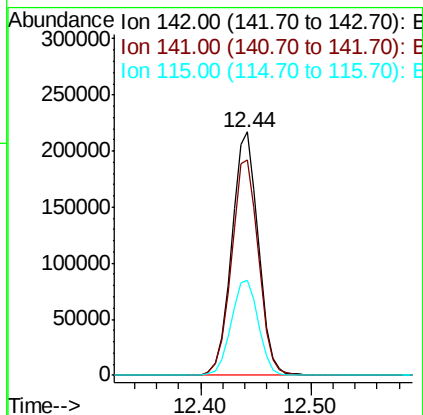
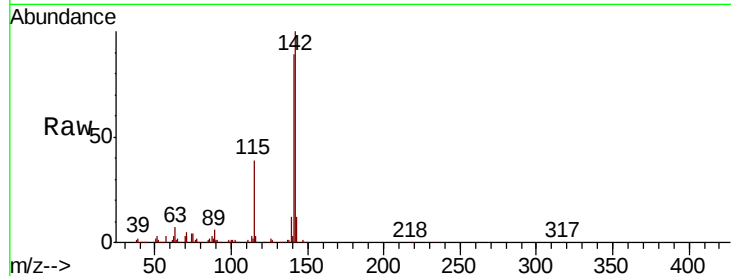
ClientSampleId :

PB128808BS

Tot Ion:	142	Resp:	366631
Ion Ratio		Lower	Upper
142	100		
141	88.7	70.3	105.5
115	38.9	29.8	44.6

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#38

1-Methylnaphthalene

Concen: 37.152 ng

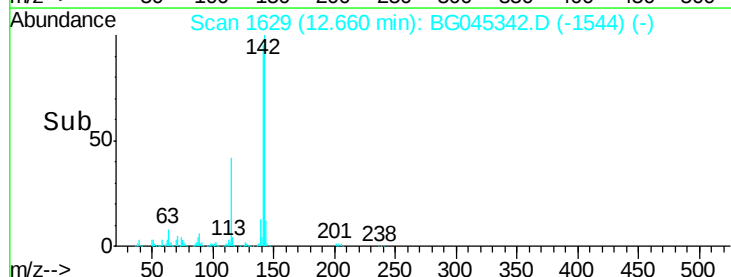
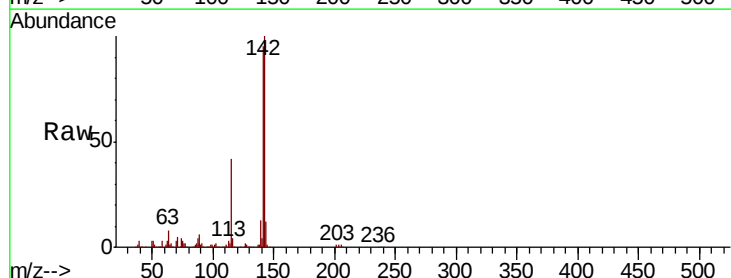
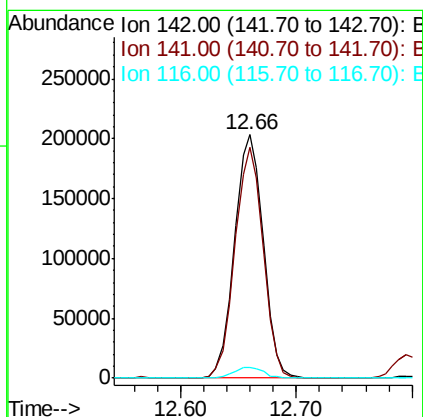
RT: 12.66 min Scan# 1629

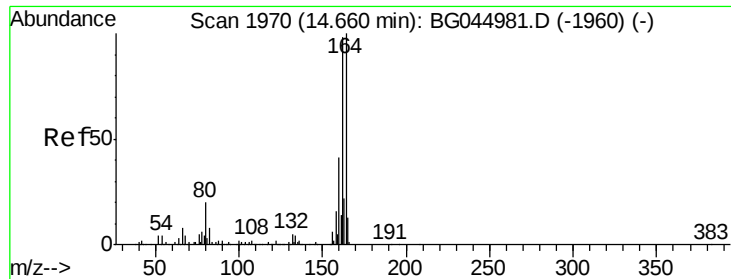
Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	142	Resp:	349508
Ion Ratio		Lower	Upper
142	100		
141	95.0	72.7	109.1
116	4.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

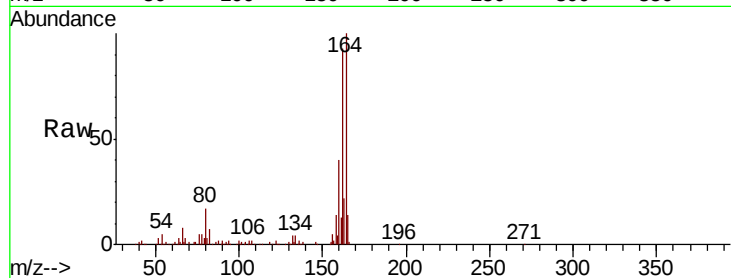
ClientSampleId :

PB128808BS

Tot Ion:	164	Resp:	173619
Ion Ratio	Lower	Upper	
164	100		
162	92.9	78.7	118.1
160	40.1	32.8	49.2

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM

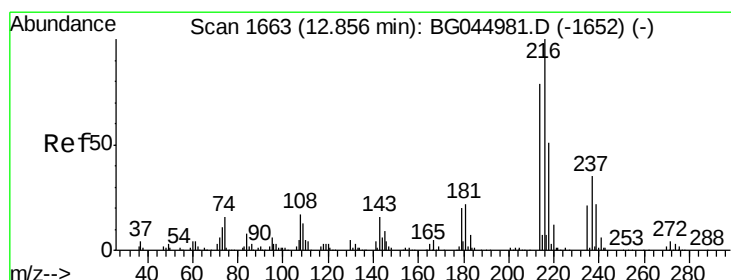
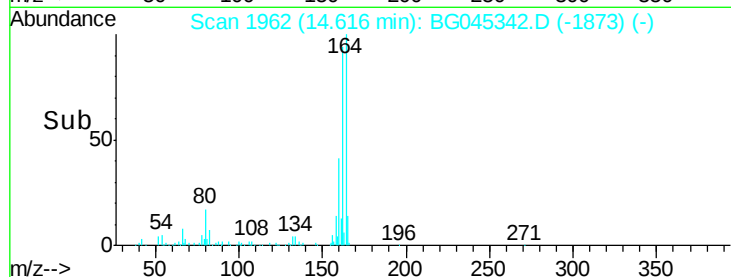
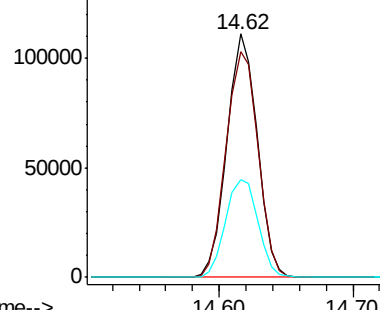


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.293 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	216	Resp:	202881
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.0	94.6
179	20.1	15.8	23.8
108	19.7	14.2	21.2

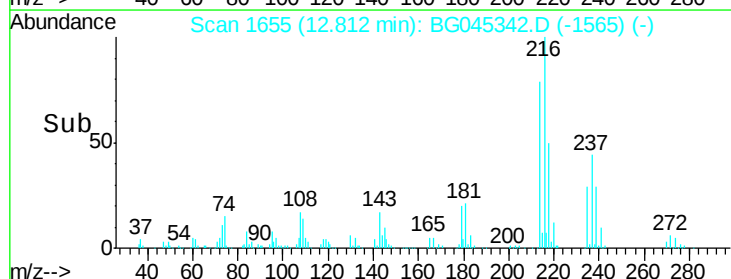
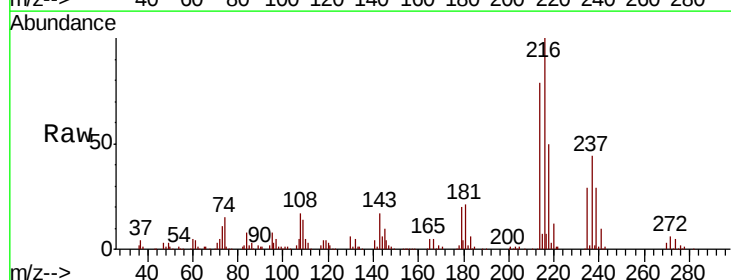
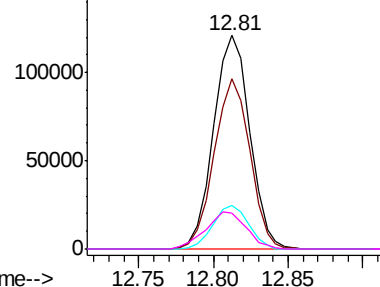
Abundance

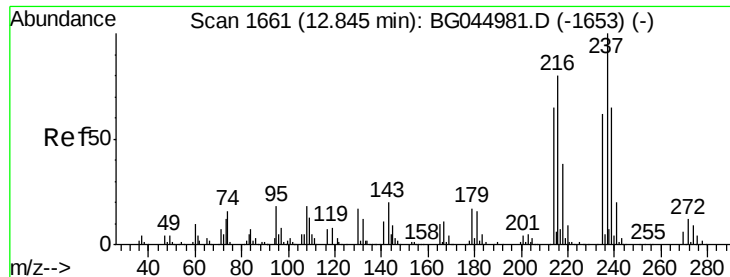
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.372 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

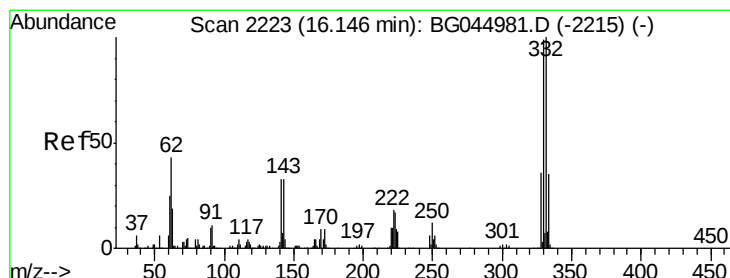
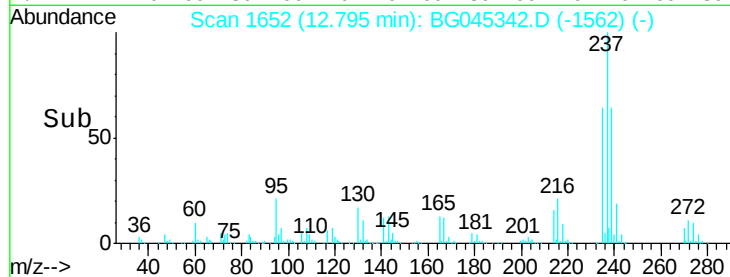
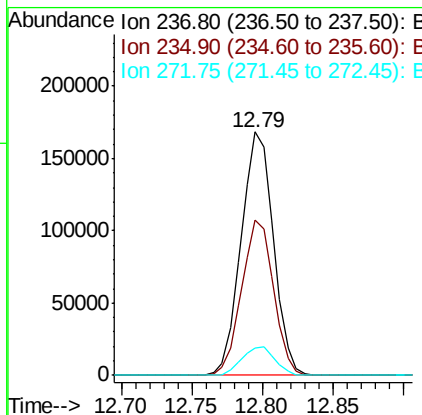
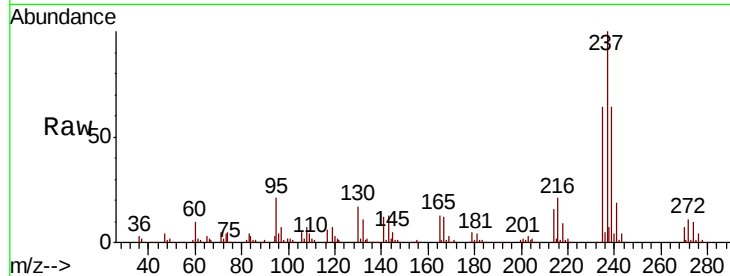
ClientSampleId :

PB128808BS

Tot Ion:	237	Resp:	270330
Ion Ratio		Lower	Upper
237	100		
235	63.7	41.6	81.6
272	11.5	0.0	32.1

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#42

2,4,6-Tribromophenol

Concen: 73.984 ng

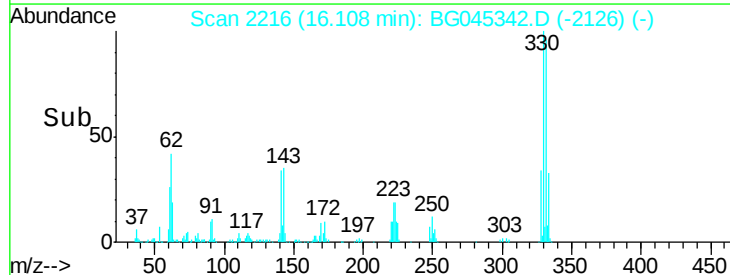
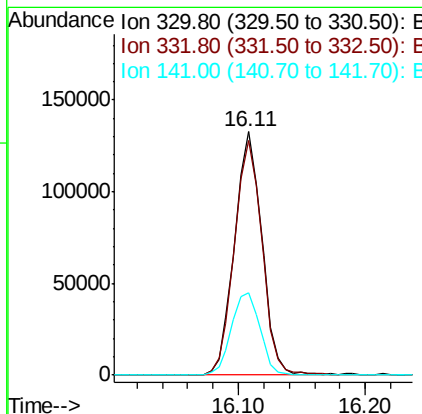
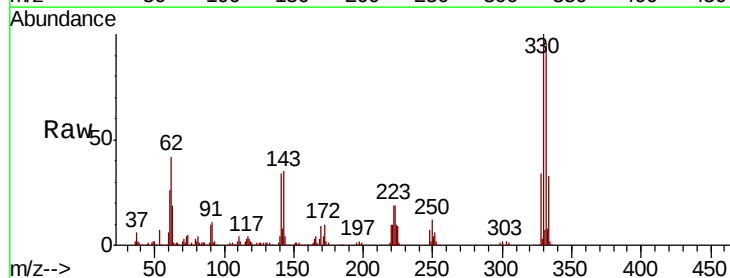
RT: 16.11 min Scan# 2216

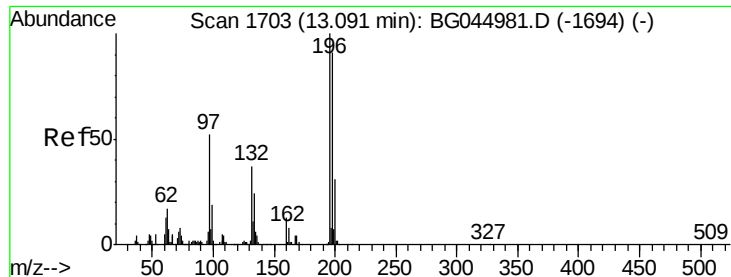
Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	330	Resp:	198440
Ion Ratio		Lower	Upper
330	100		
332	97.6	79.1	118.7
141	35.2	27.1	40.7





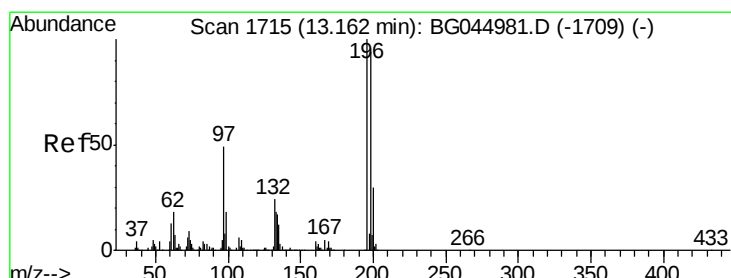
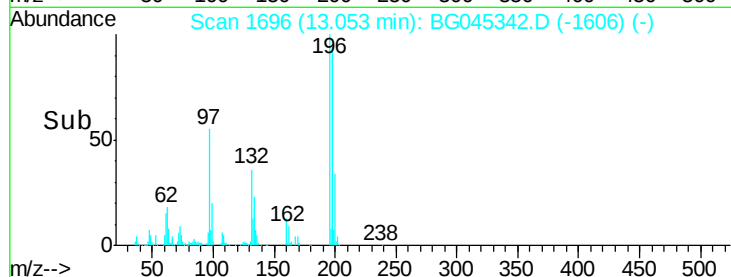
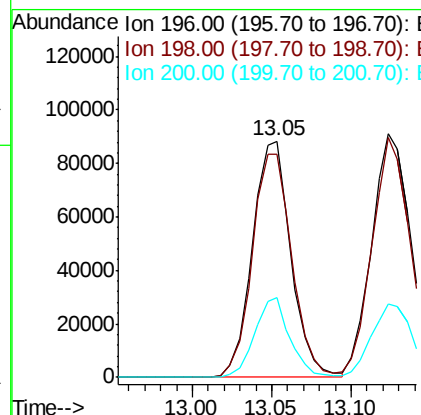
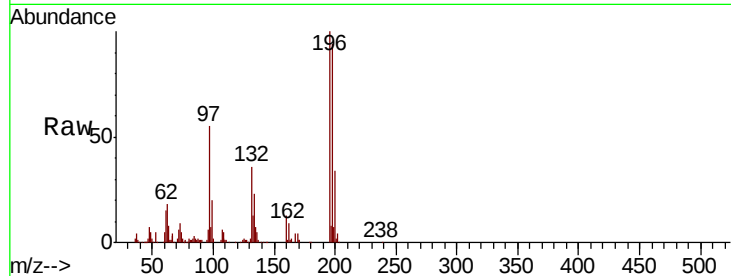
#43
 2,4,6-Trichlorophenol
 Concen: 37.763 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	148984		
198	94.4	72.5	108.7	
200	33.7	24.5	36.7	

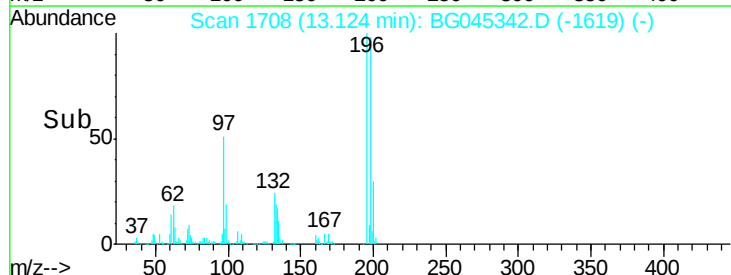
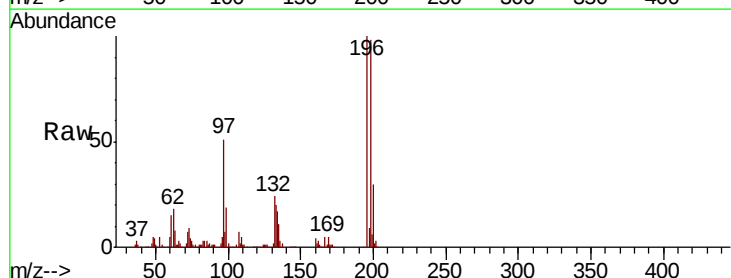
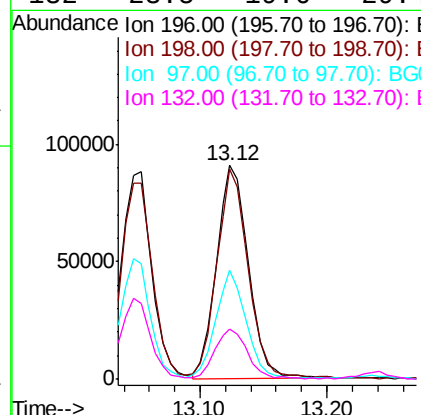
Manual Integrations
 APPROVED

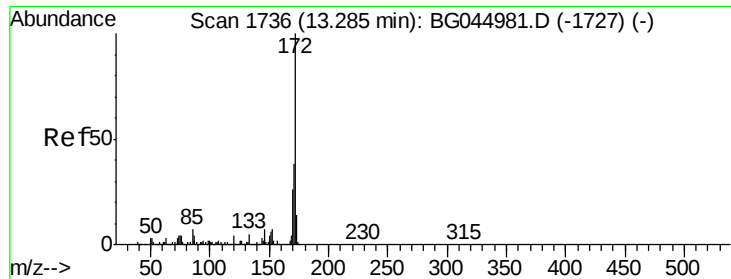
mohammad
 5/14/2020 11:53:52 AM



#44
 2,4,5-Trichlorophenol
 Concen: 35.235 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158231		
198	98.5	75.7	113.5	
97	50.7	39.6	59.4	
132	23.5	19.6	29.4	





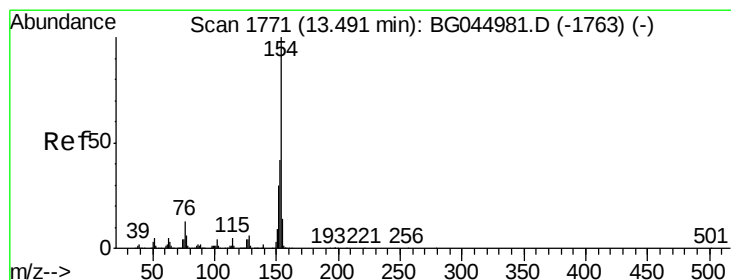
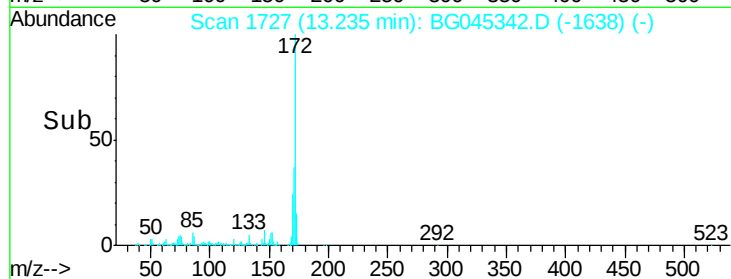
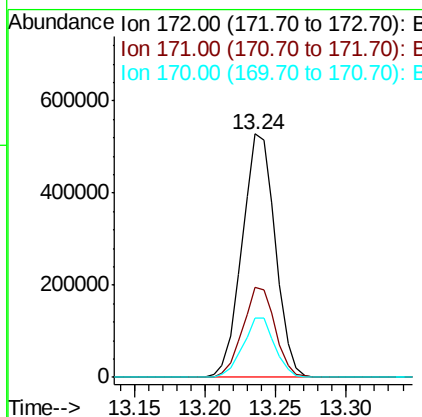
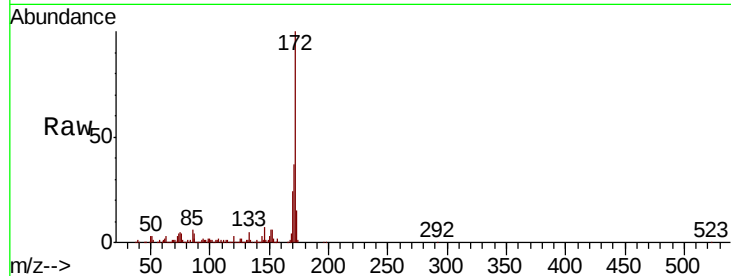
#45
2-Fluorobiphenyl
Concen: 73.261 ng
RT: 13.24 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	24.2	20.5	30.7

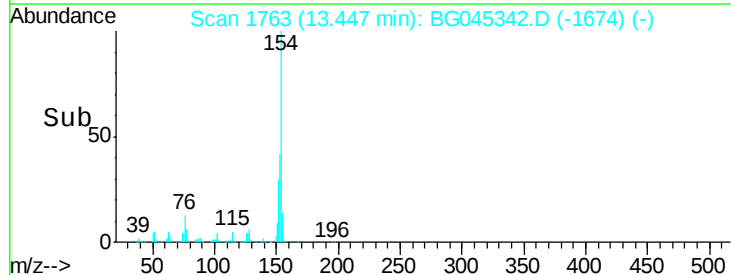
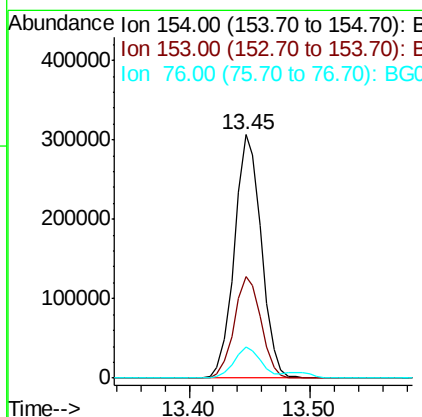
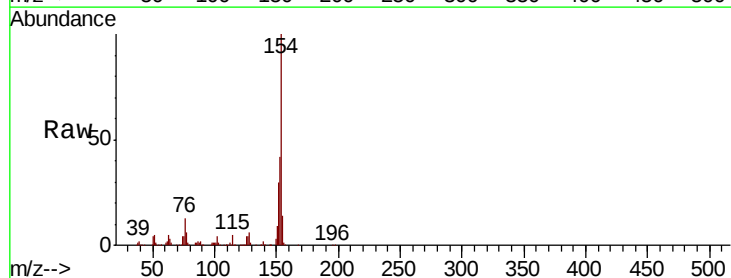
Manual Integrations
APPROVED

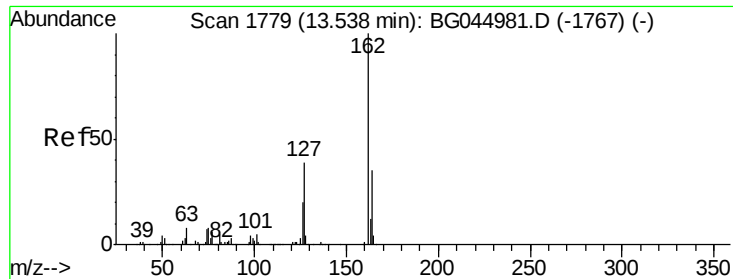
mohammad
5/14/2020 11:53:52 AM



#46
1,1'-Biphenyl
Concen: 36.131 ng
RT: 13.45 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.9	61.9
76	12.6	0.0	33.1





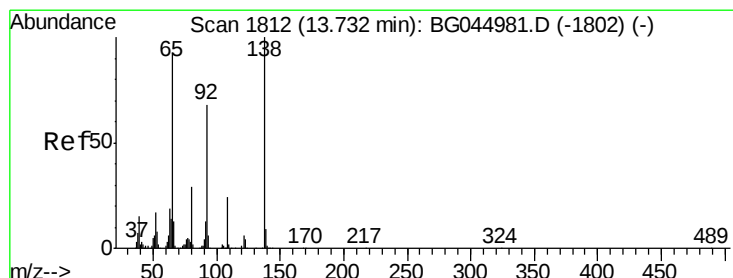
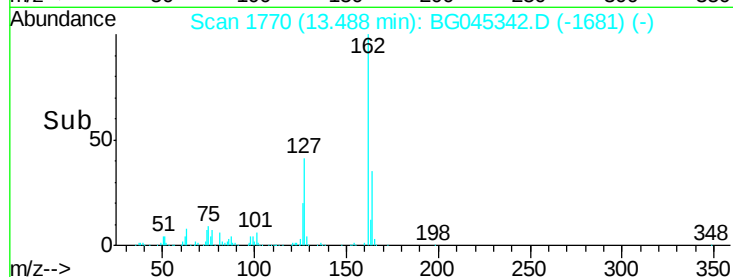
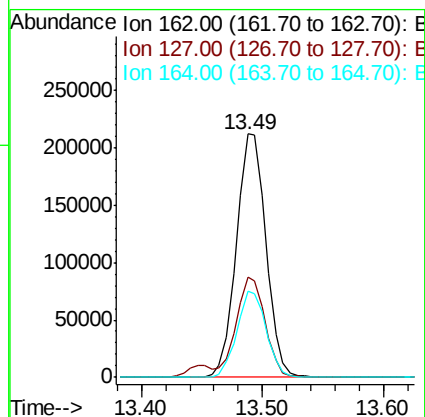
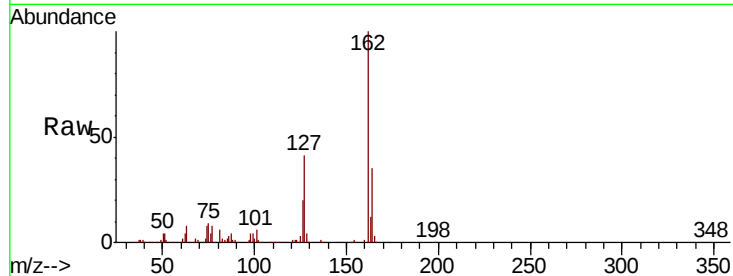
#47
2-Chloronaphthalene
Concen: 36.015 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	363152		
127	41.3		31.3	46.9
164	35.4		27.8	41.8

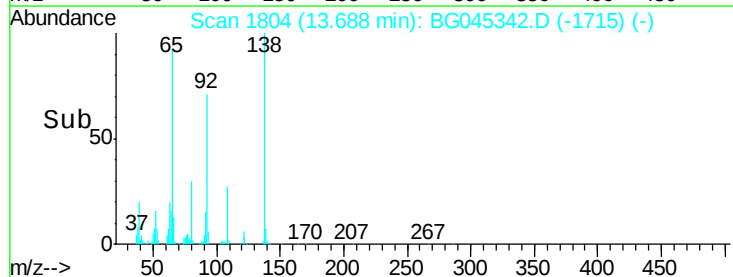
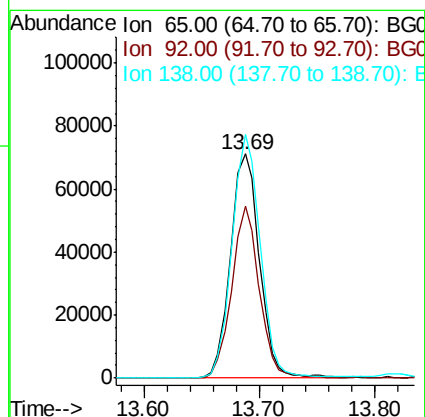
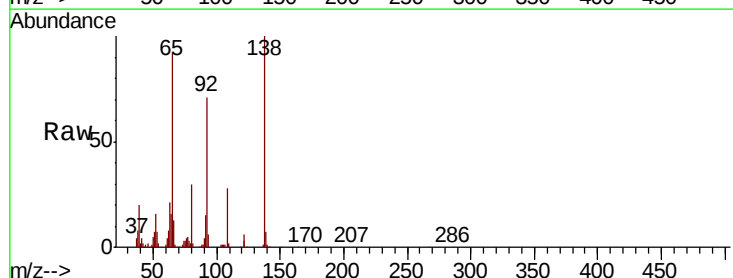
Manual Integrations
APPROVED

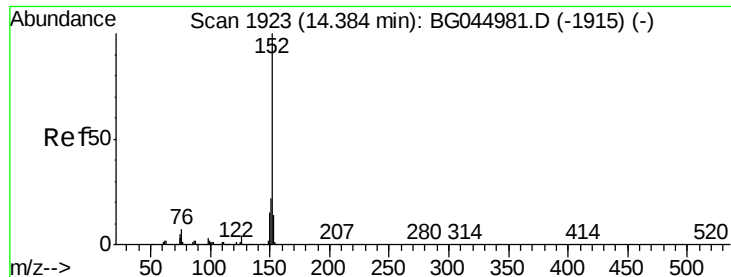
mohammad
5/14/2020 11:53:52 AM



#48
2-Nitroaniline
Concen: 37.448 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	124236		
92	76.6		58.3	87.5
138	108.6		85.6	128.4





#49

Acenaphthylene

Concen: 38.137 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

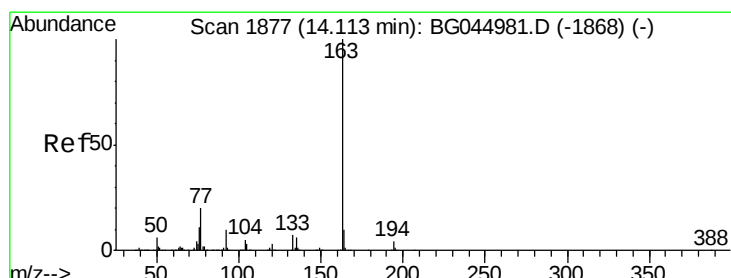
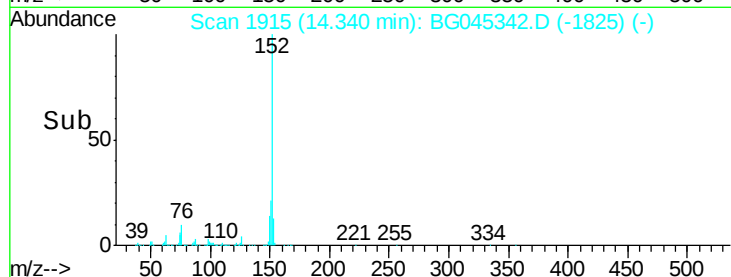
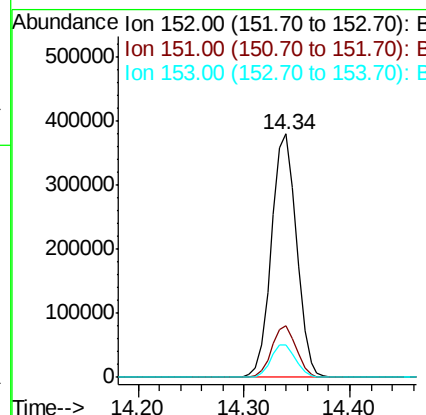
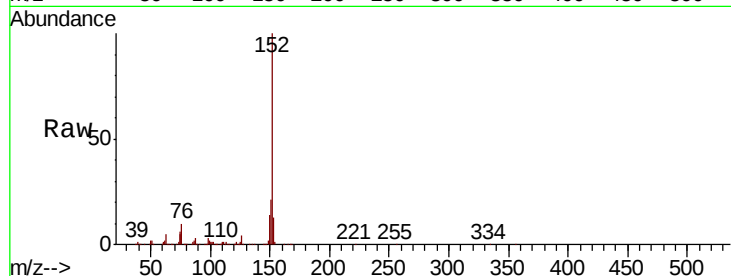
ClientSampleId :

PB128808BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	13.4	11.0	16.4

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#50

Dimethylphthalate

Concen: 36.534 ng

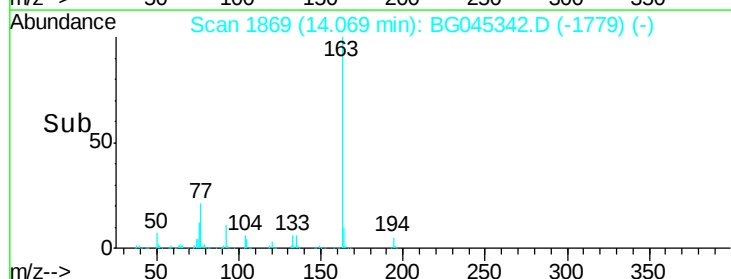
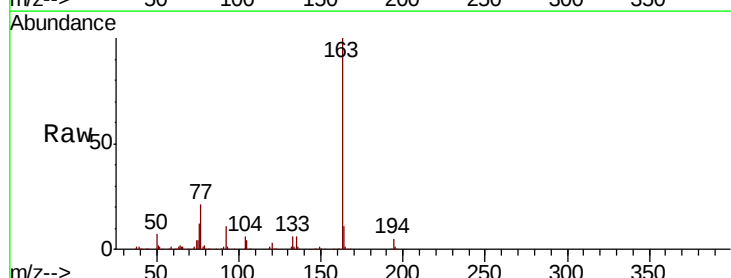
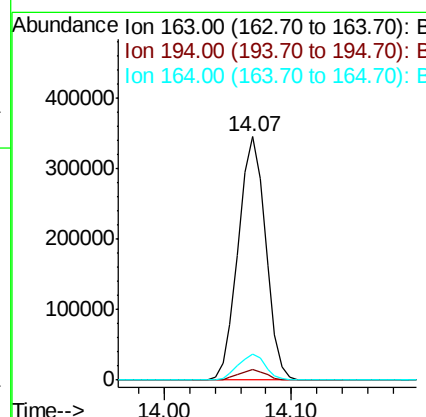
RT: 14.07 min Scan# 1869

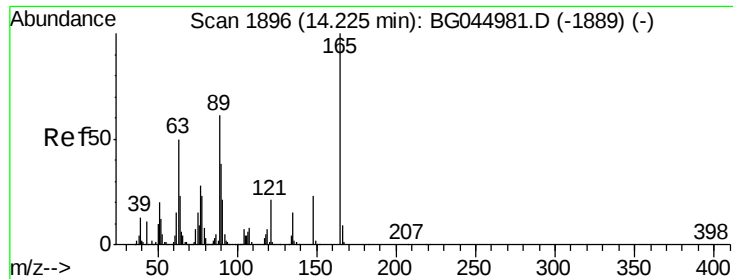
Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.5	8.2	12.4





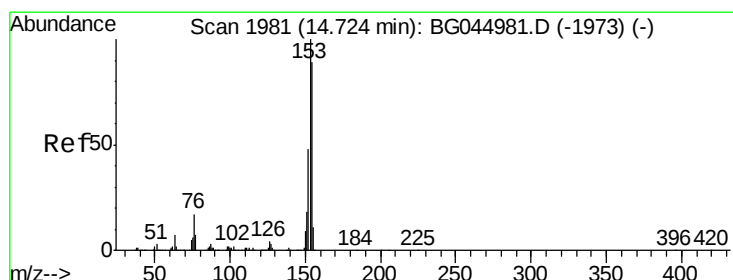
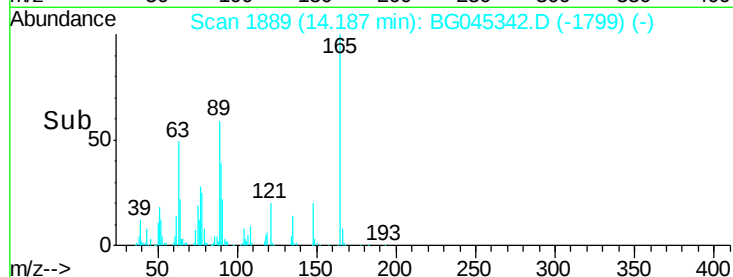
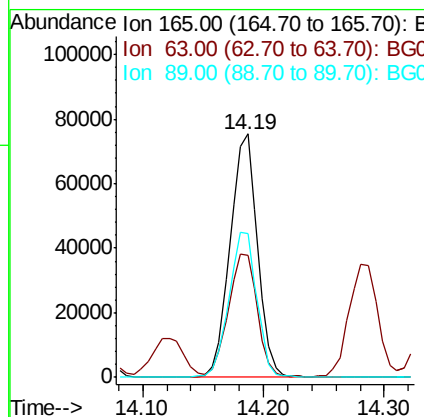
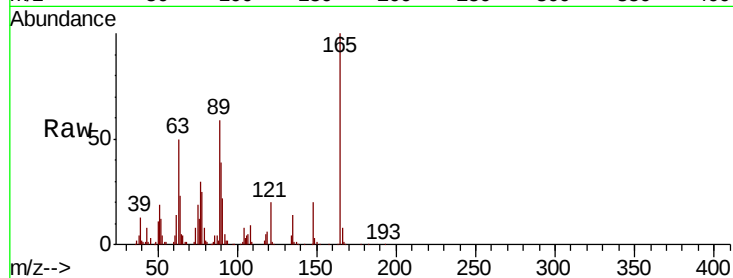
#51
 2,6-Dinitrotoluene
 Concen: 37.577 ng
 RT: 14.19 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	50.1	40.4	60.6
89	58.9	49.1	73.7

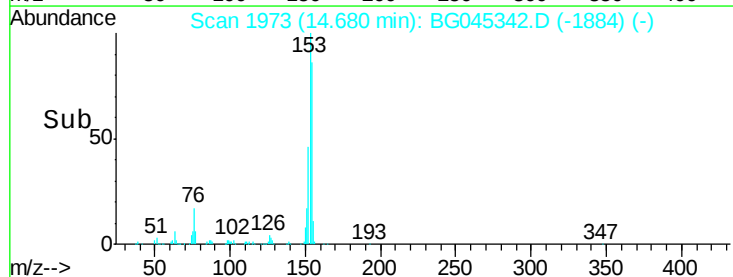
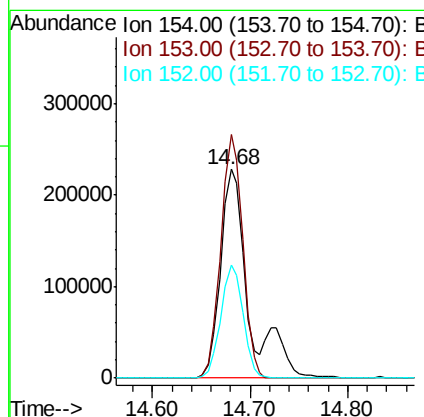
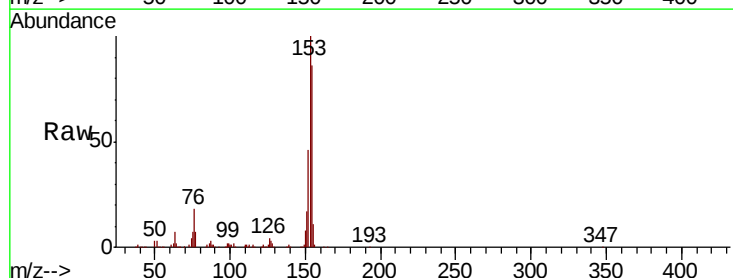
Manual Integrations
 APPROVED

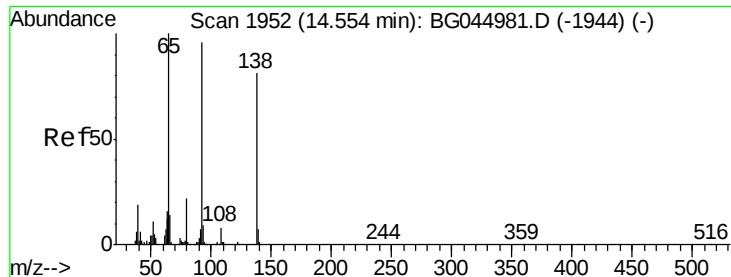
mohammad
 5/14/2020 11:53:52 AM



#52
 Acenaphthene
 Concen: 41.163 ng m
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	116.8	89.7	134.5
152	54.0	43.1	64.7





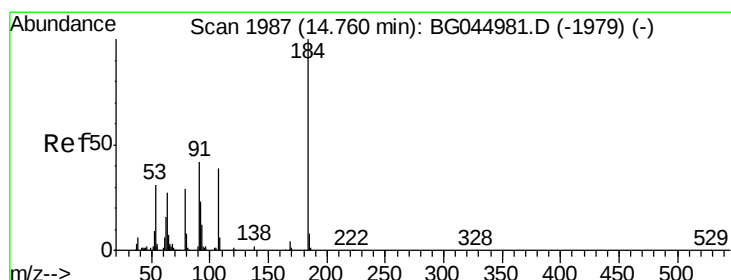
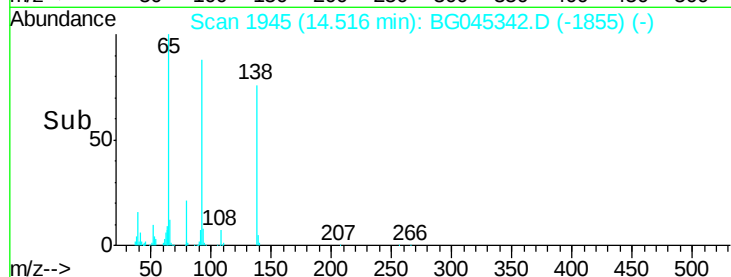
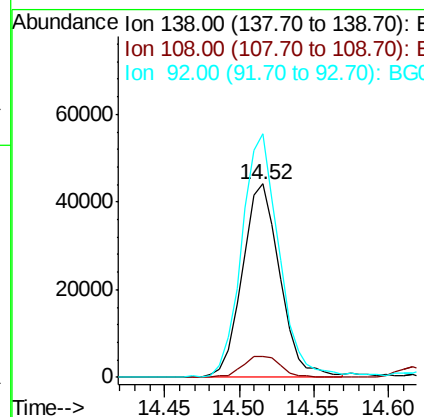
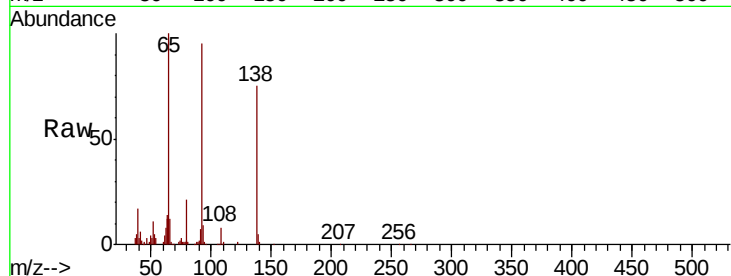
#53
3-Nitroaniline
Concen: 22.200 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	7.8	11.8
92	125.8	94.5	141.7

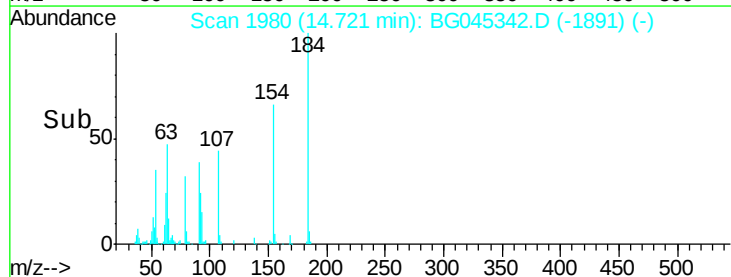
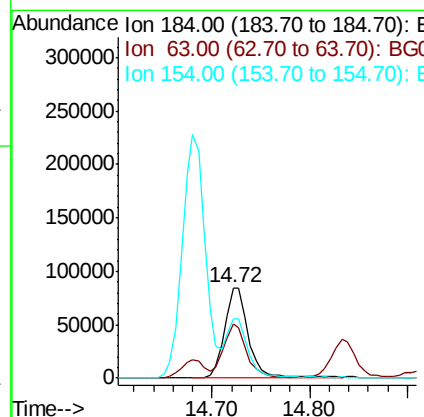
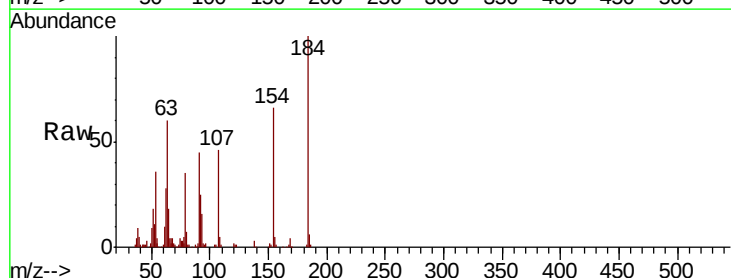
Manual Integrations
APPROVED

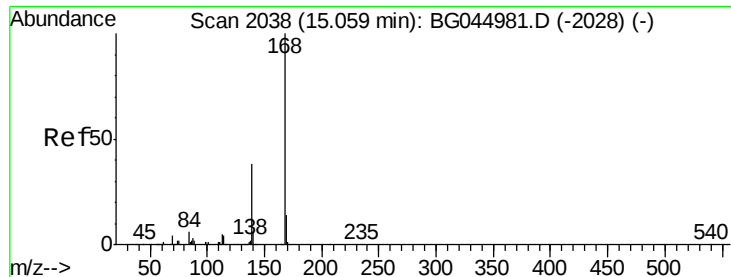
mohammad
5/14/2020 11:53:52 AM



#54
2,4-Dinitrophenol
Concen: 76.549 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	41.5	62.3
154	65.7	52.3	78.5





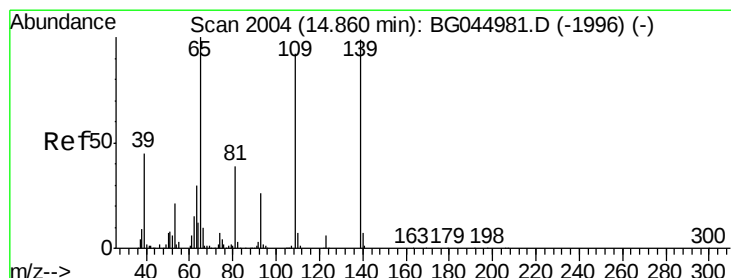
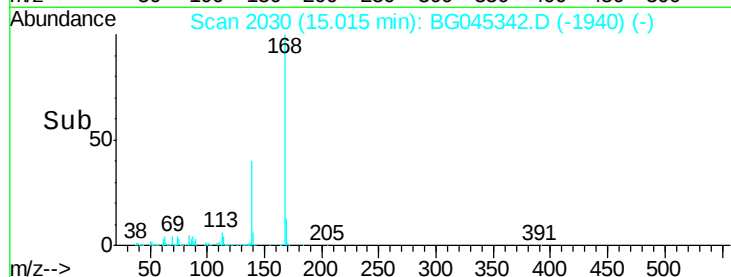
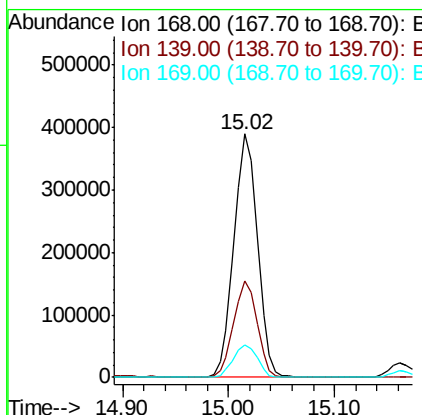
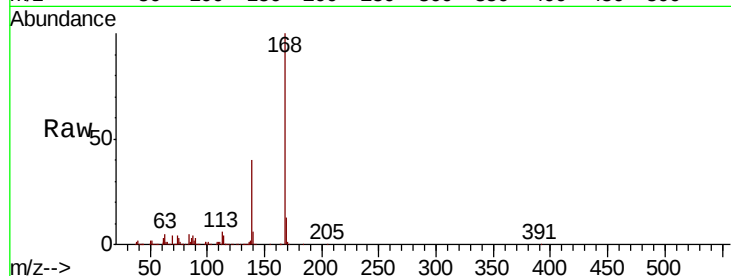
#55
Dibenzenofuran
Concen: 37.069 ng
RT: 15.02 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.4	45.6
169	13.2	11.0	16.4

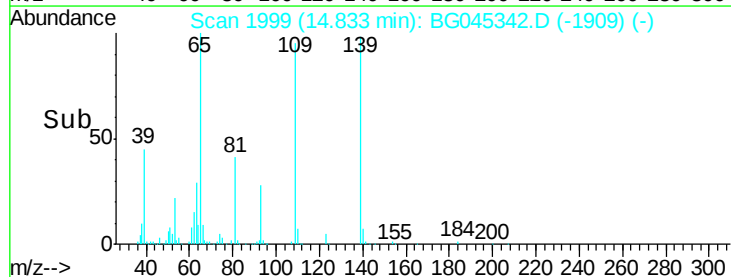
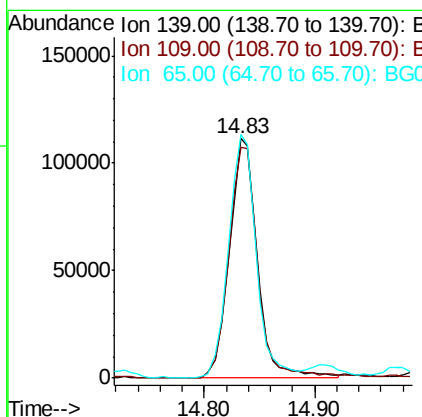
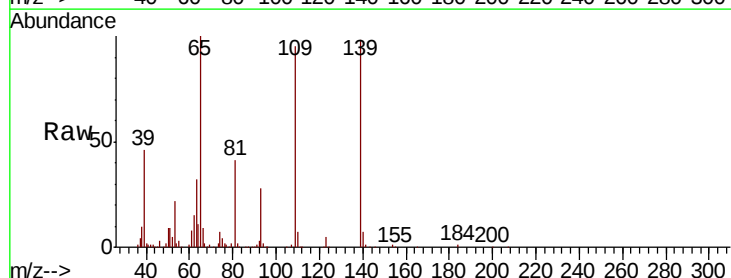
Manual Integrations
APPROVED

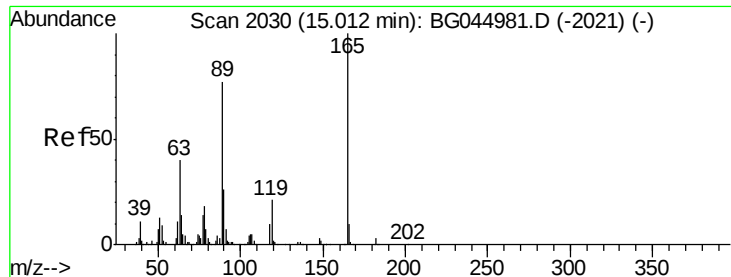
mohammad
5/14/2020 11:53:52 AM



#56
4-Nitrophenol
Concen: 73.646 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.7	73.6	113.6
65	101.7	81.2	121.2





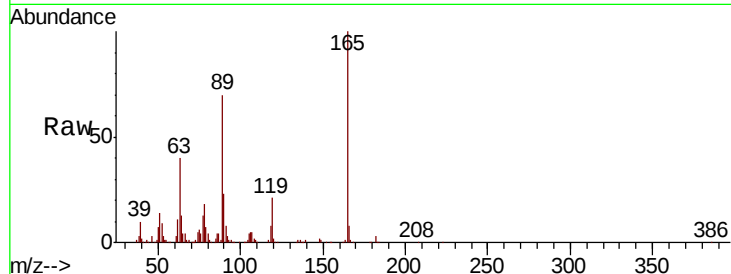
#57
2,4-Dinitrotoluene
Concen: 36.303 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

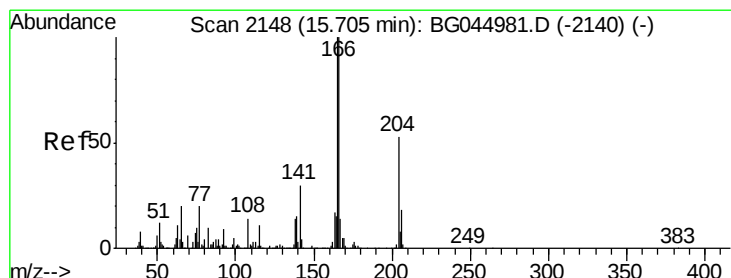
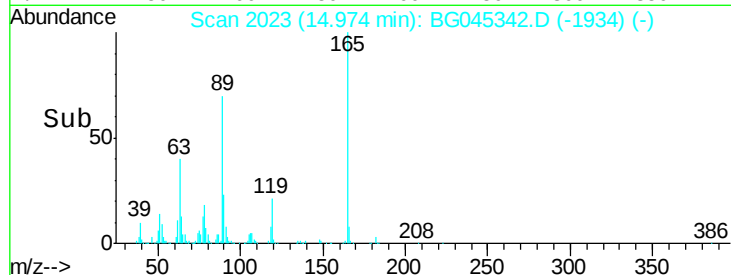
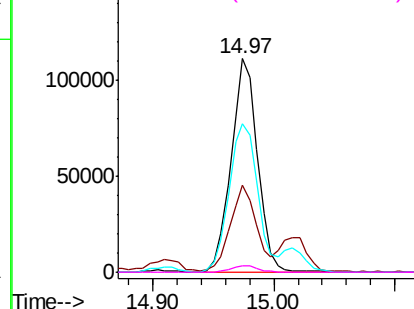
Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	40.5	32.2	48.2
89	69.8	61.7	92.5
182	3.2	2.0	3.0

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM

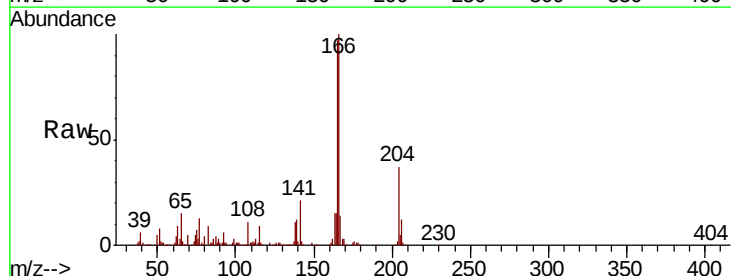


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

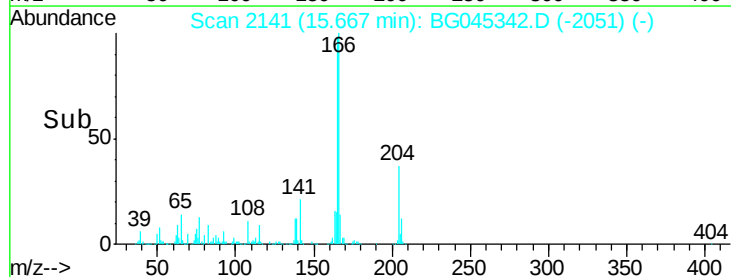
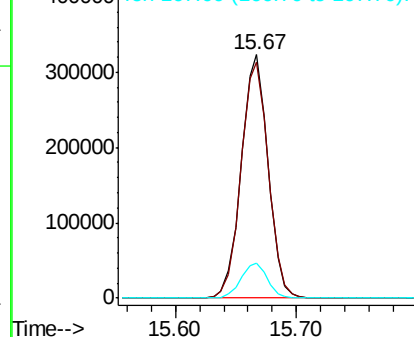


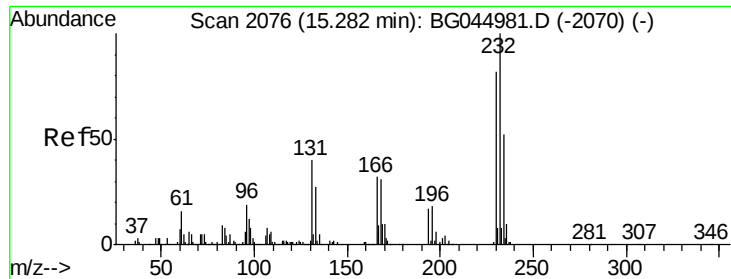
#58
Fluorene
Concen: 37.795 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	97.1	79.9	119.9
167	14.3	11.4	17.0



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





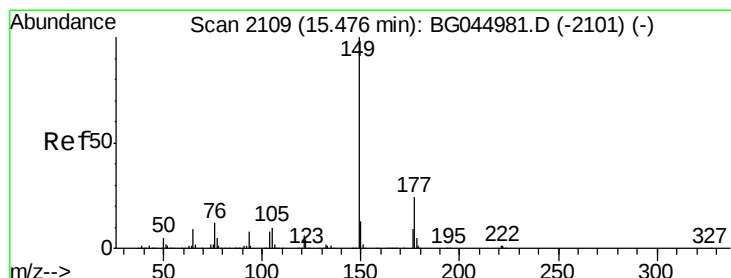
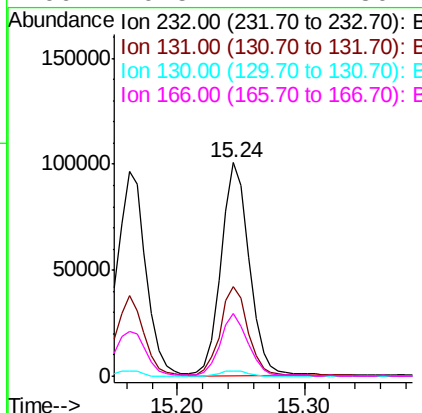
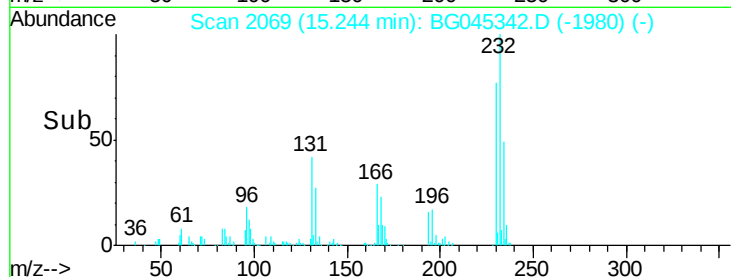
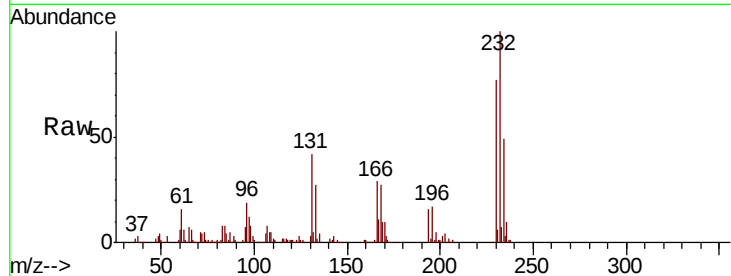
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.897 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Instrument :
 BNA_G
 ClientSampleId :
 PB128808BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	32.2	48.2
130	2.5	2.2	3.2
166	29.5	24.2	36.4

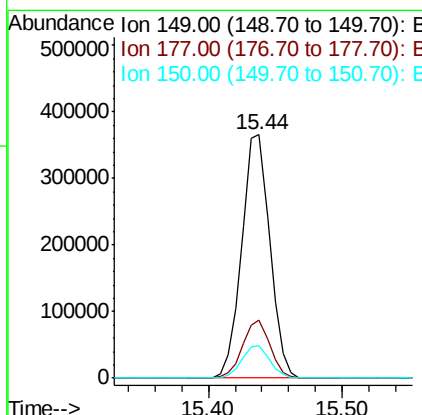
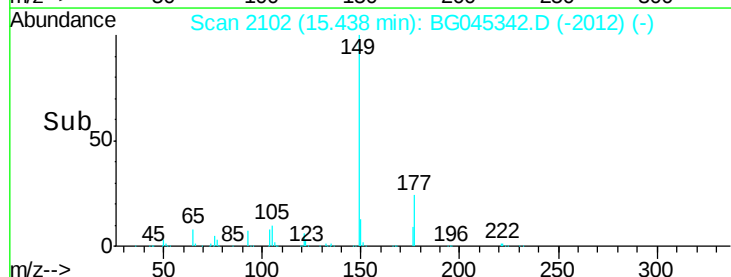
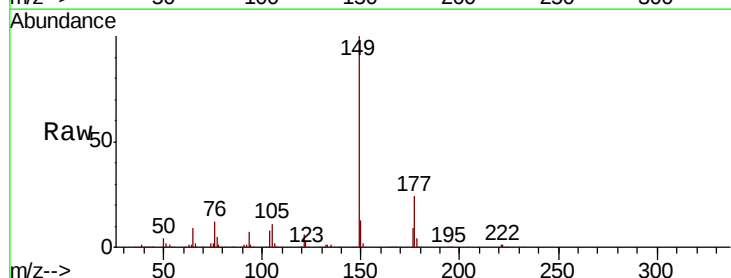
Manual Integrations
 APPROVED

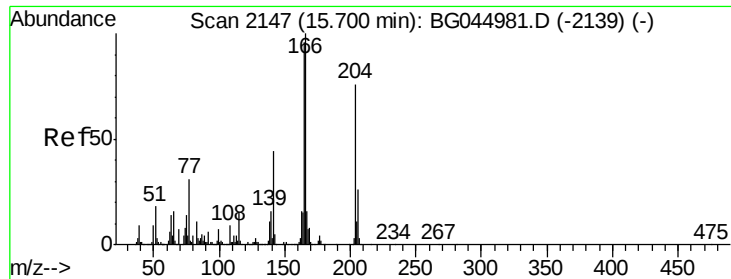
mohammad
 5/14/2020 11:53:52 AM



#60
 Diethylphthalate
 Concen: 36.034 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.9	28.3
150	13.2	10.6	15.8





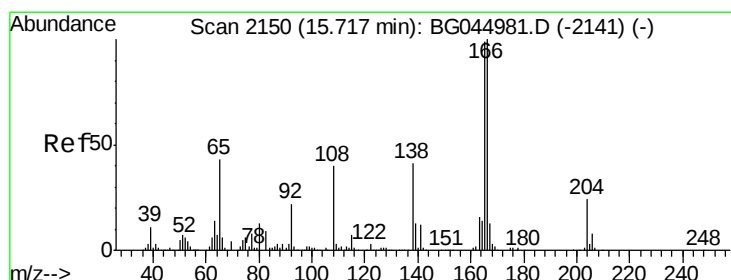
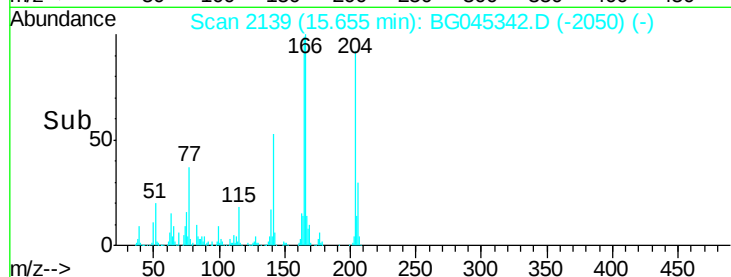
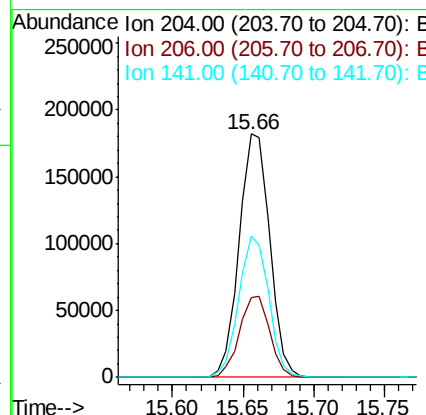
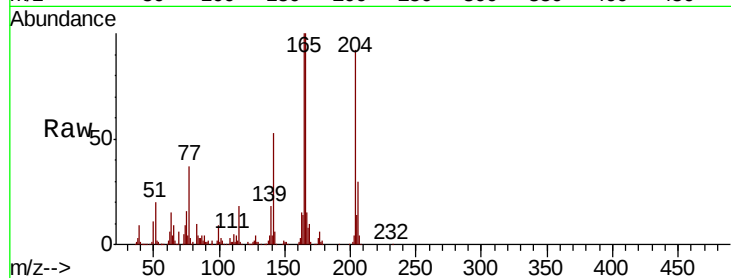
#61
4-Chlorophenyl-phenylether
Concen: 36.213 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.0	26.9	40.3	
141	57.8	46.3	69.5	

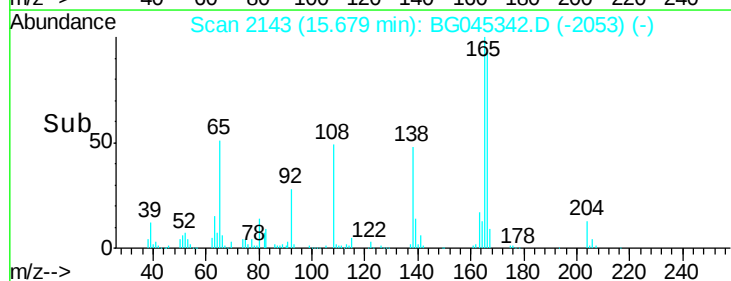
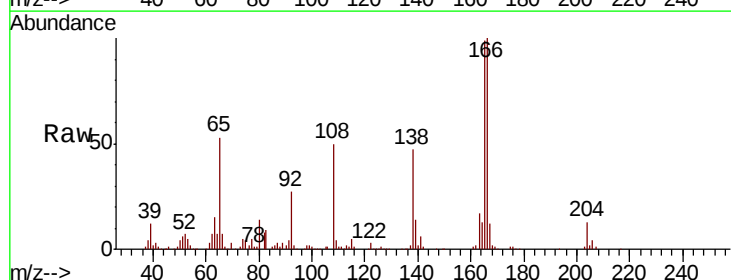
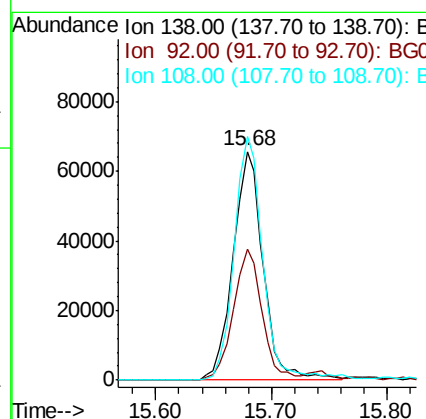
Manual Integrations
APPROVED

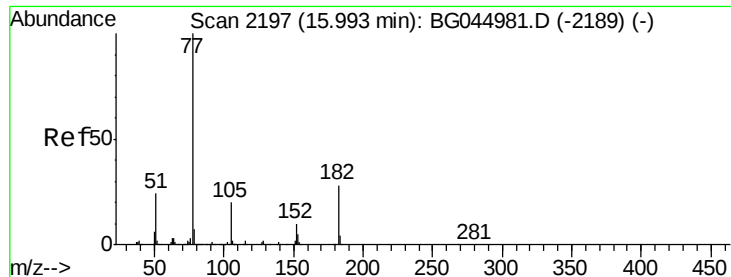
mohammad
5/14/2020 11:53:52 AM



#62
4-Nitroaniline
Concen: 32.944 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	57.6	33.6	73.6	
108	106.7	78.2	118.2	





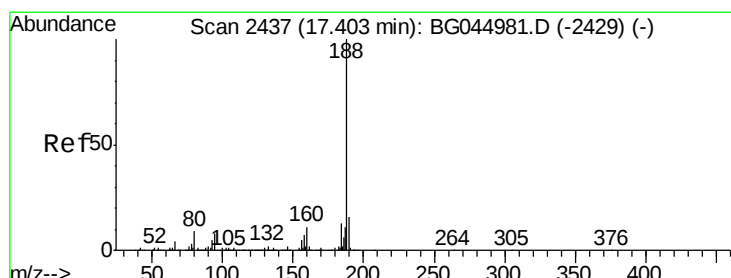
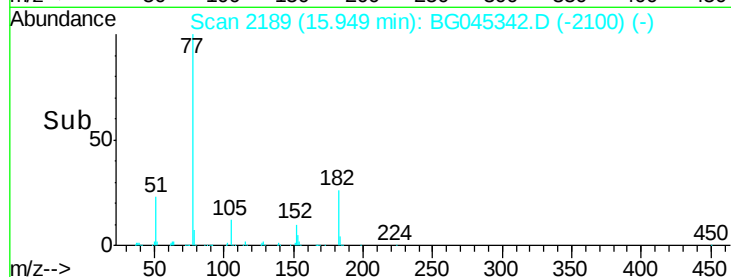
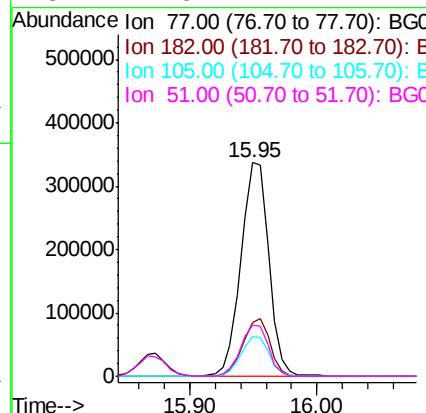
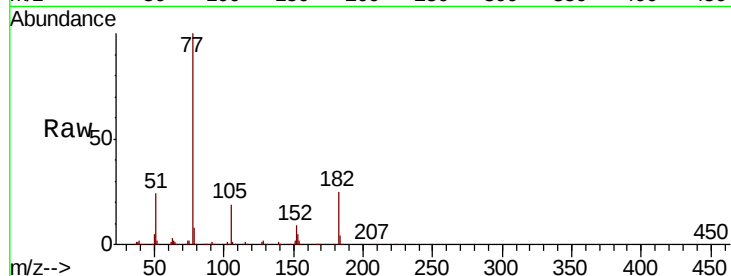
#63
Azobenzene
Concen: 37.490 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		509444		
182	25.5	8.4	48.4		
105	18.8	0.5	40.5		
51	24.3	4.4	44.4		

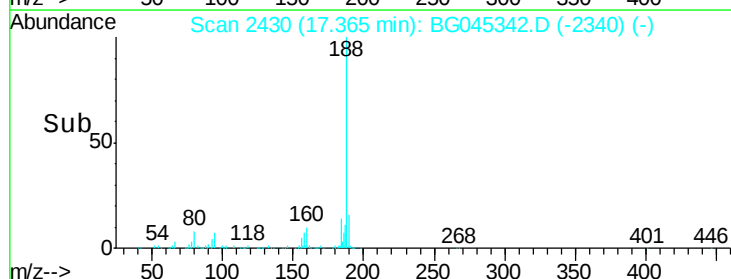
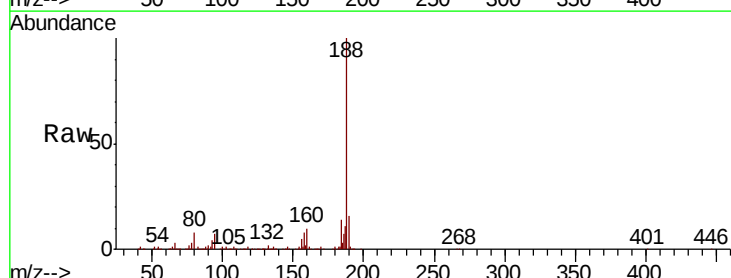
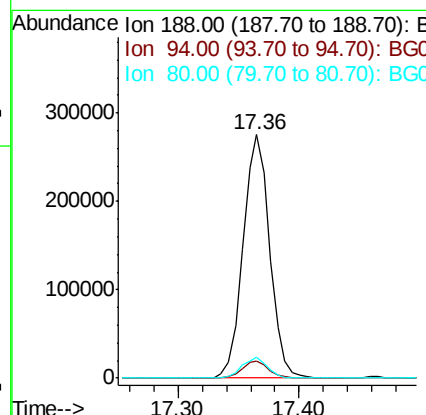
Manual Integrations
APPROVED

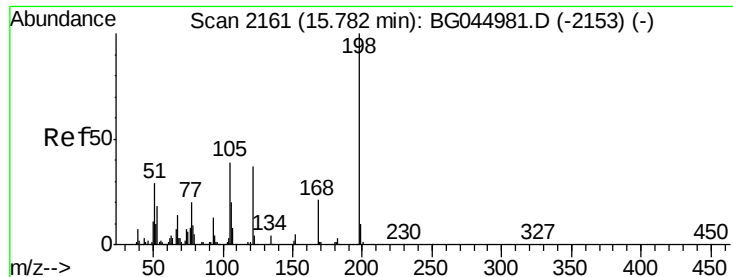
mohammad
5/14/2020 11:53:52 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		422575		
94	7.2	6.2	9.4		
80	8.5	7.0	10.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 38.428 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

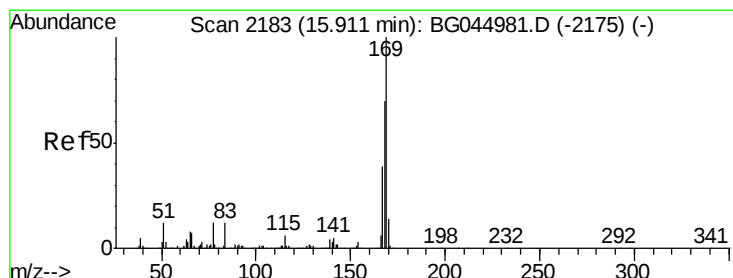
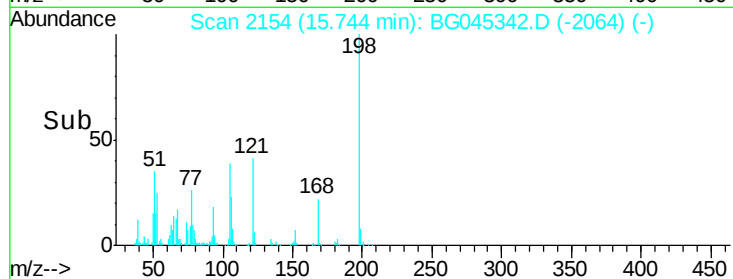
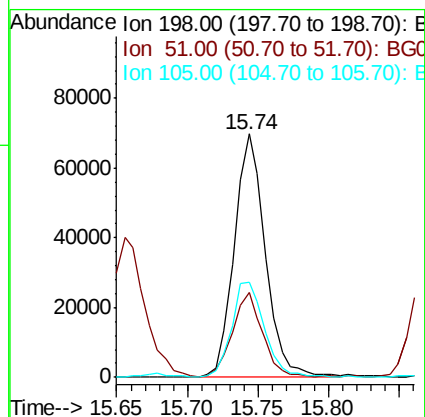
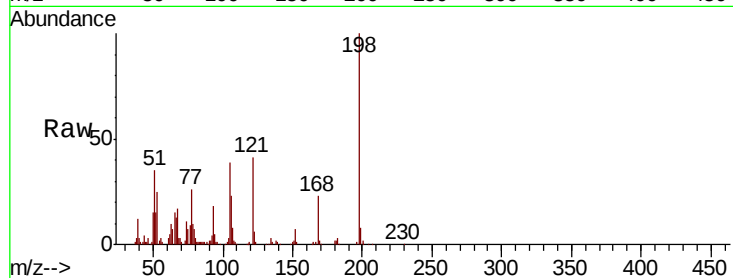
ClientSampleId :

PB128808BS

Tot Ion:	198	Resp:	106739
Ion Ratio	Lower	Upper	
198	100		
51	34.9	10.0	50.0
105	39.3	18.9	58.9

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#66

n-Nitrosodiphenylamine

Concen: 36.827 ng

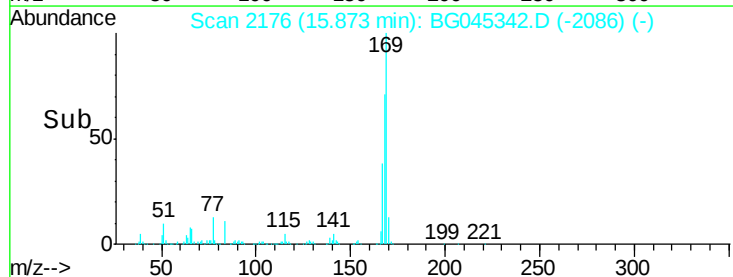
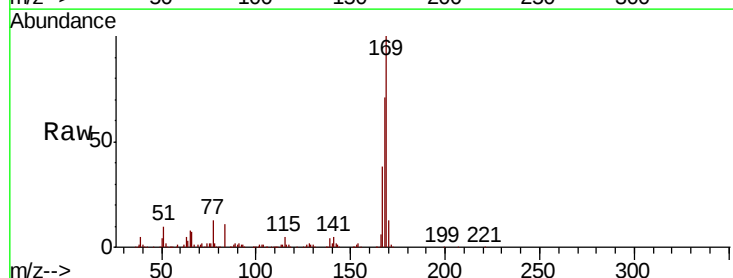
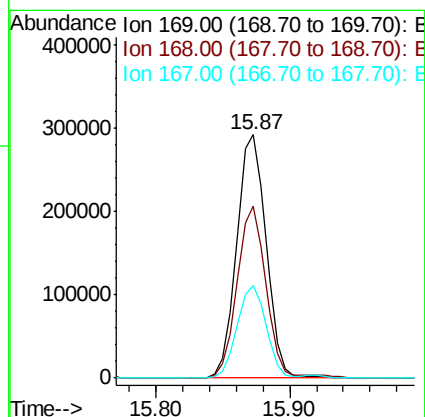
RT: 15.87 min Scan# 2176

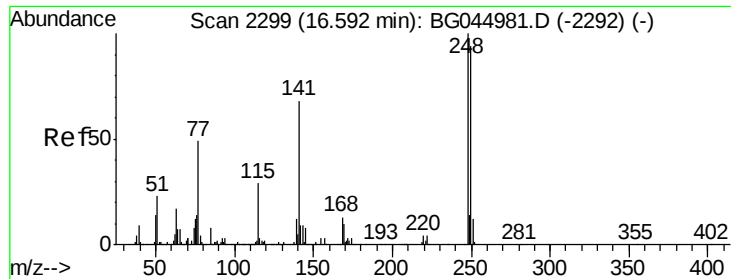
Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	169	Resp:	447132
Ion Ratio	Lower	Upper	
169	100		
168	70.8	55.8	83.8
167	37.8	30.8	46.2





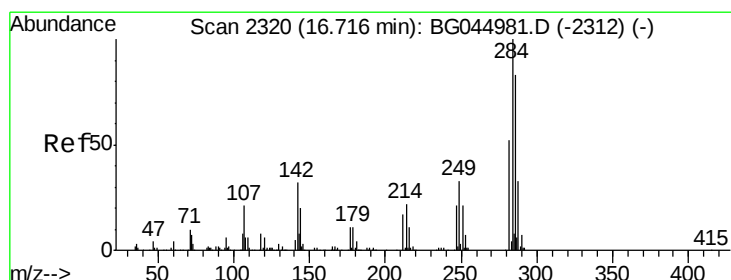
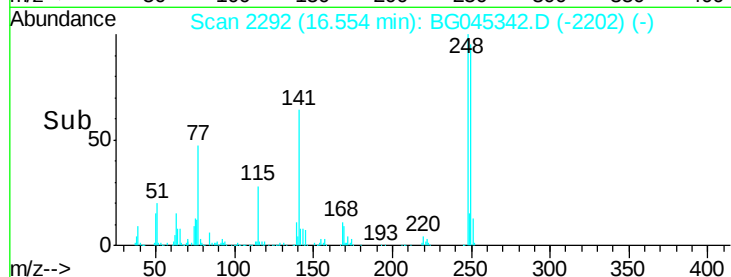
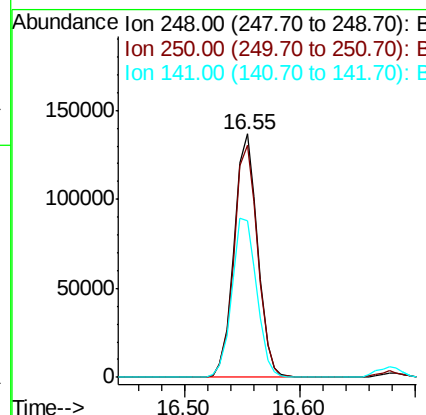
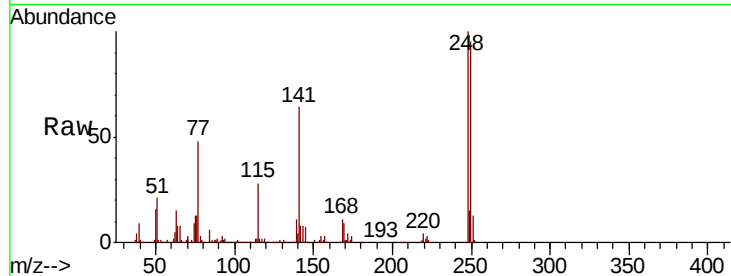
#67
4-Bromophenyl-phenylether
Concen: 35.416 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	75.4	113.2
141	64.3	54.4	81.6

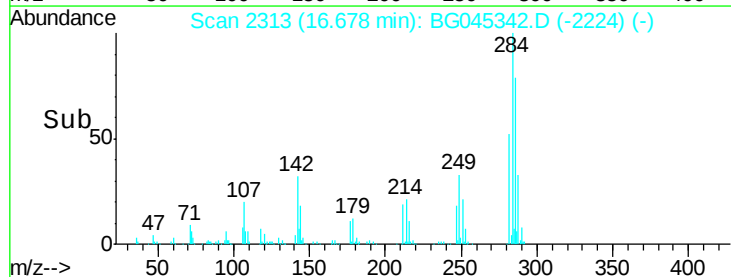
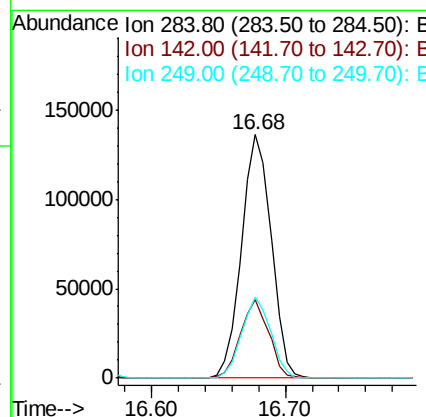
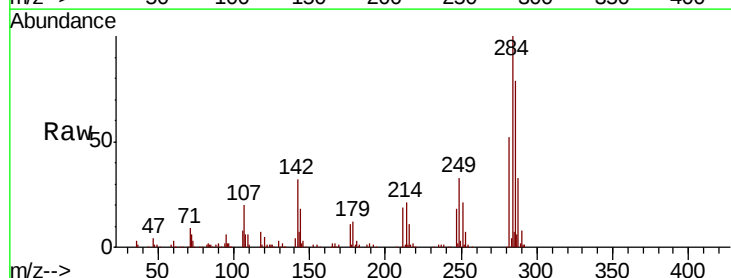
Manual Integrations
APPROVED

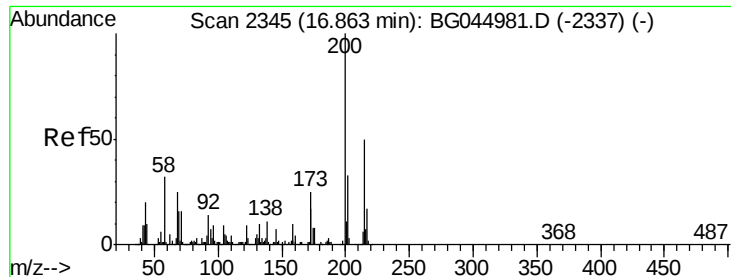
mohammad
5/14/2020 11:53:52 AM



#68
Hexachlorobenzene
Concen: 37.035 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.8	38.6
249	33.1	26.6	39.8





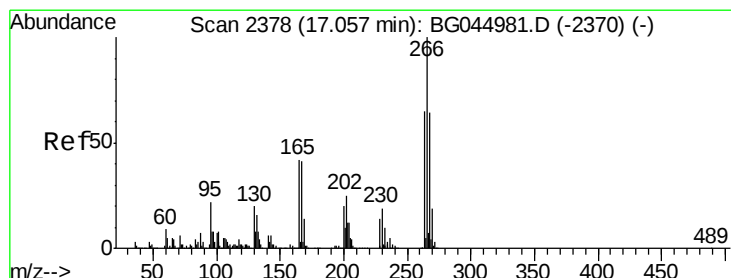
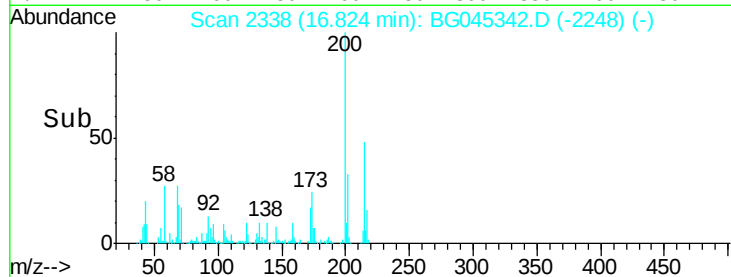
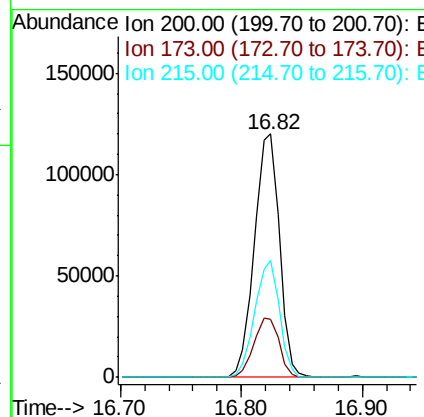
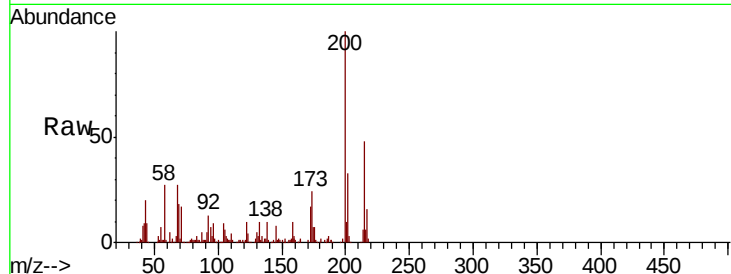
#69
Atrazine
Concen: 38.807 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.5	44.5
215	48.0	30.0	70.0

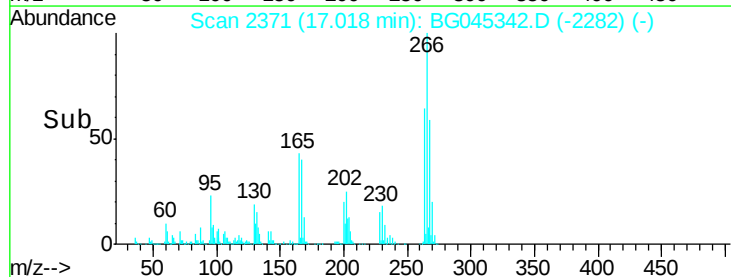
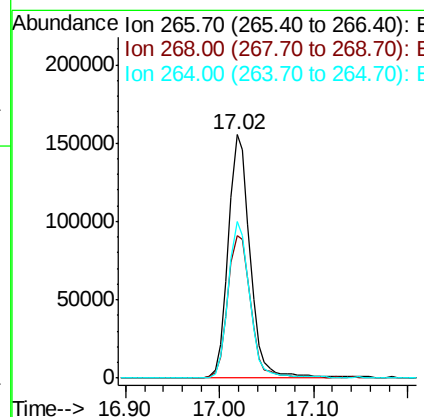
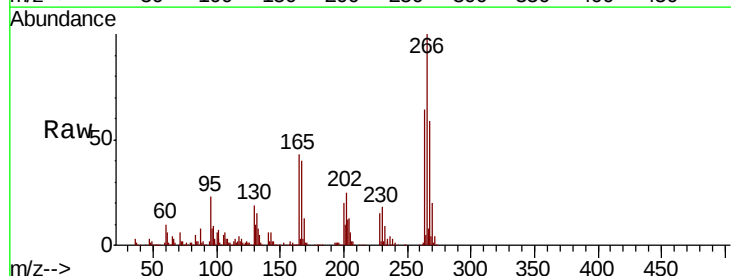
Manual Integrations
APPROVED

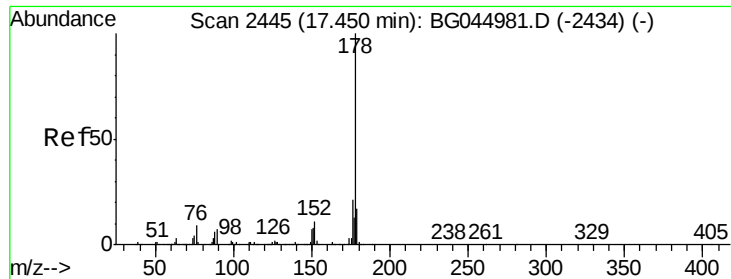
mohammad
5/14/2020 11:53:52 AM



#70
Pentachlorophenol
Concen: 72.604 ng
RT: 17.02 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.7	51.5	77.3
264	64.3	52.2	78.4





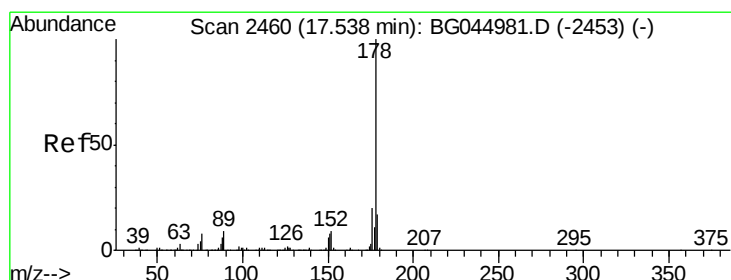
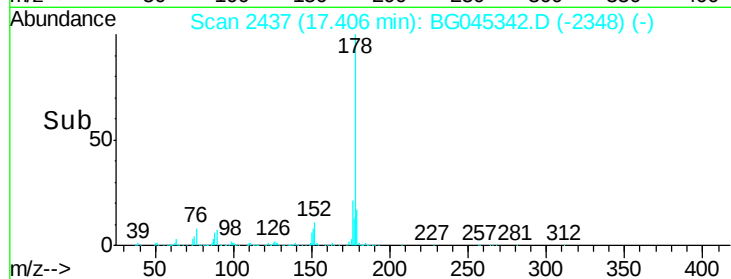
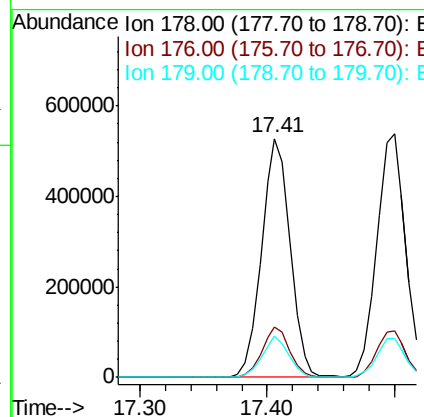
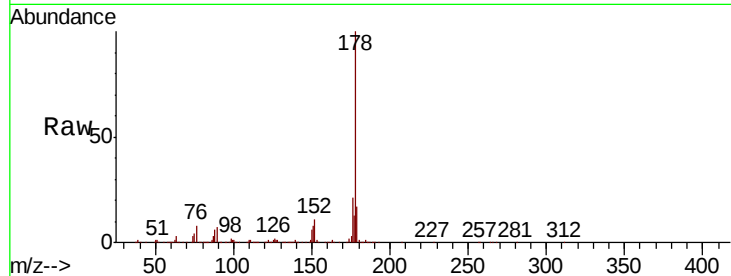
#71
Phenanthrene
Concen: 38.148 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.8	25.2
179	17.4	13.2	19.8

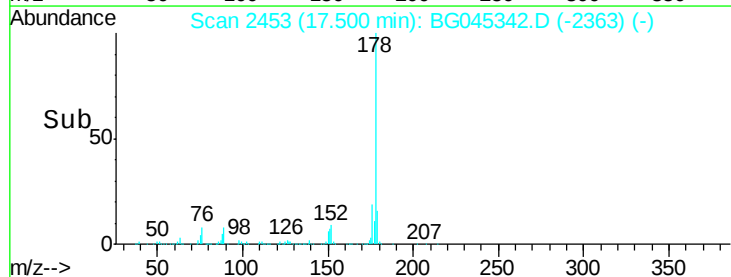
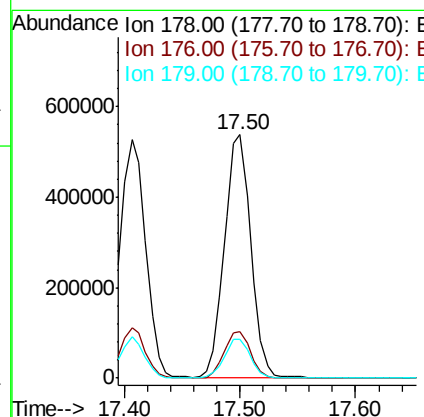
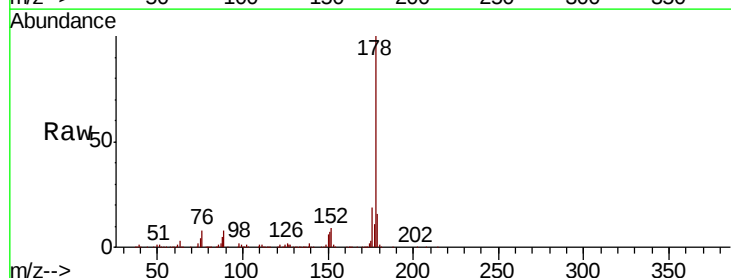
Manual Integrations
APPROVED

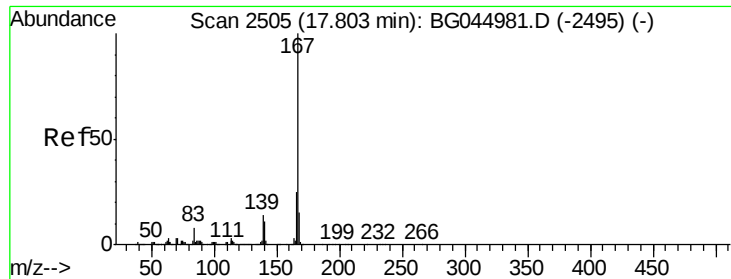
mohammad
5/14/2020 11:53:52 AM



#72
Anthracene
Concen: 39.150 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	16.2	13.6	20.4





#73

Carbazole

Concen: 35.679 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

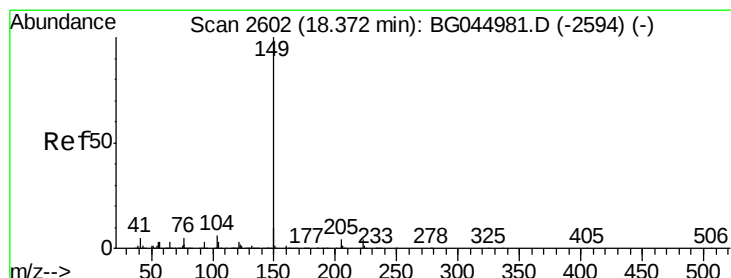
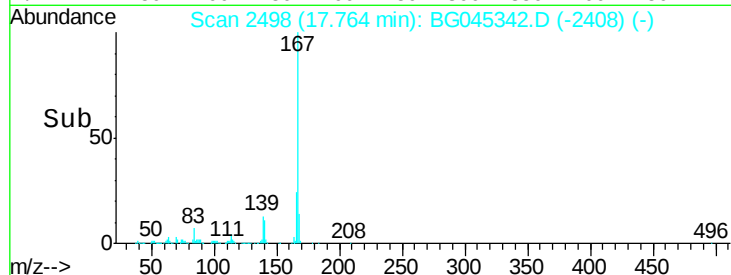
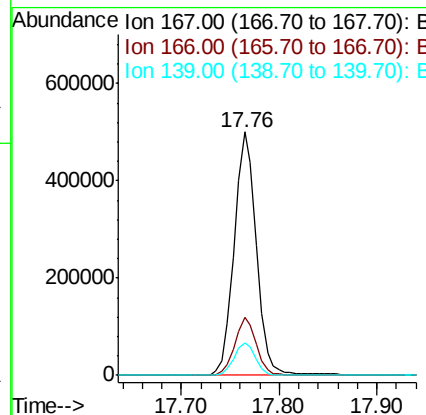
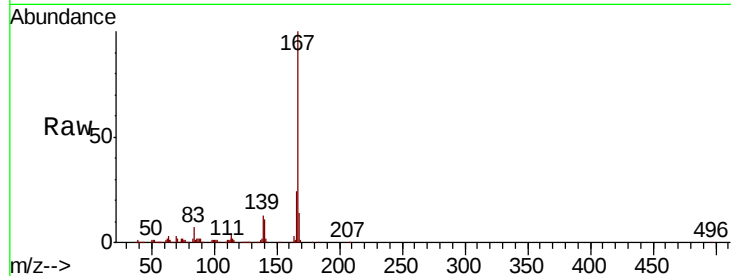
ClientSampleId :

PB128808BS

Tot Ion:	167	Resp:	788688
Ion Ratio	Lower	Upper	
167	100		
166	23.8	19.8	29.6
139	13.3	10.9	16.3

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#74

Di-n-butylphthalate

Concen: 38.795 ng

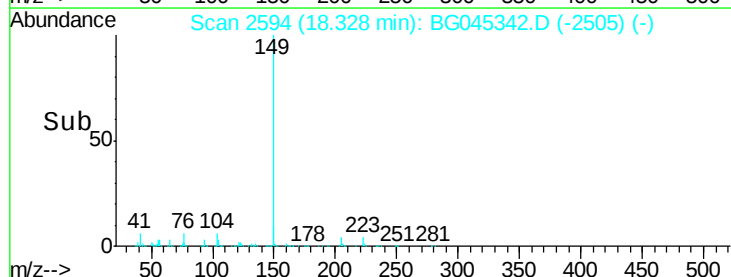
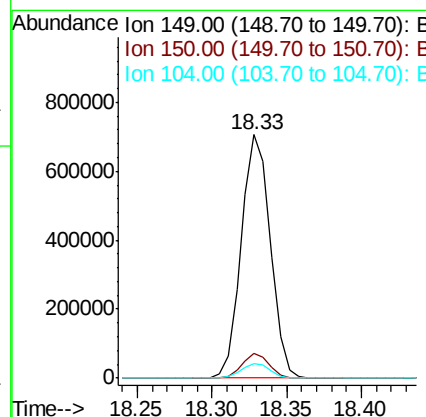
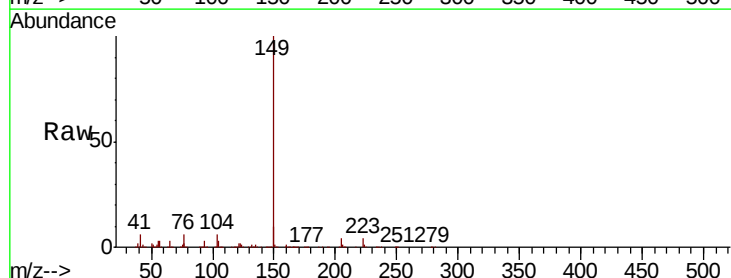
RT: 18.33 min Scan# 2594

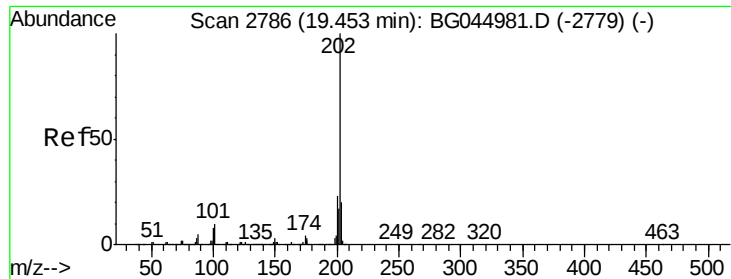
Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	149	Resp:	953639
Ion Ratio	Lower	Upper	
149	100		
150	10.0	8.2	12.2
104	6.2	4.8	7.2





#75

Fluoranthene

Concen: 41.293 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

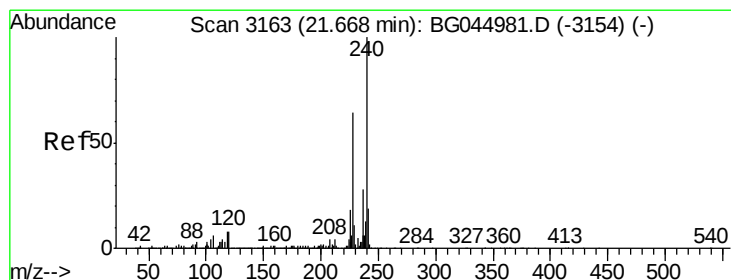
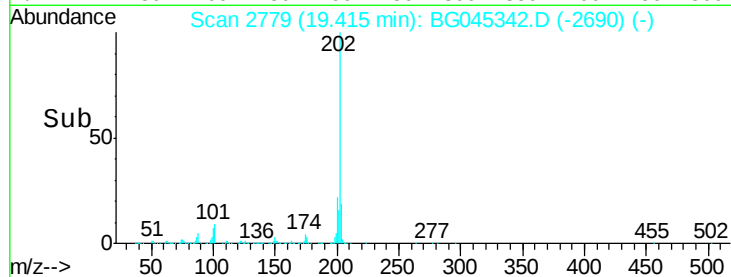
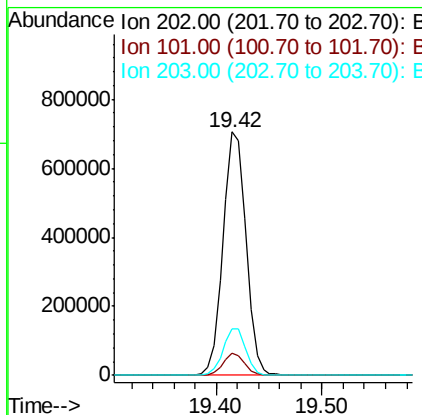
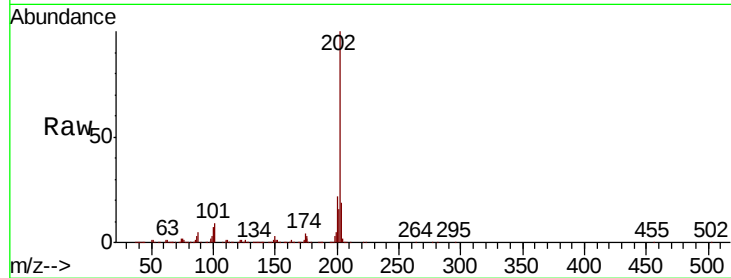
ClientSampleId :

PB128808BS

Tot Ion:	202	Resp:	1066910
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.6
203	19.2	0.0	39.7

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#76

Chrysene-d12

Concen: 20.000 ng

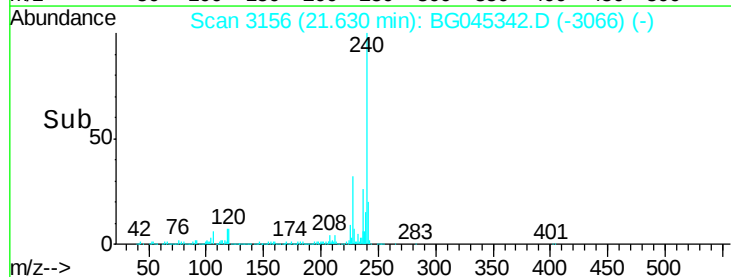
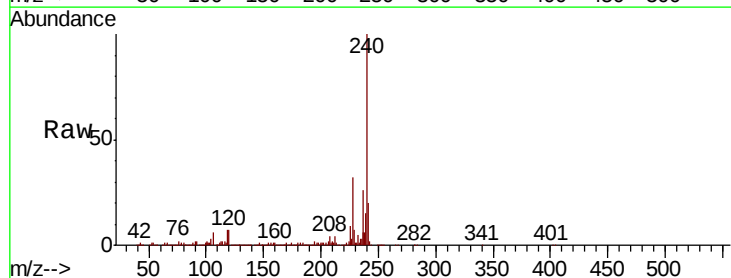
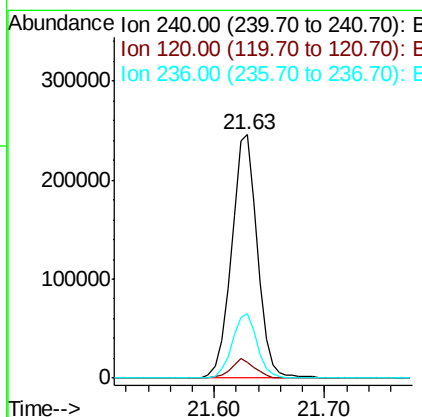
RT: 21.63 min Scan# 3156

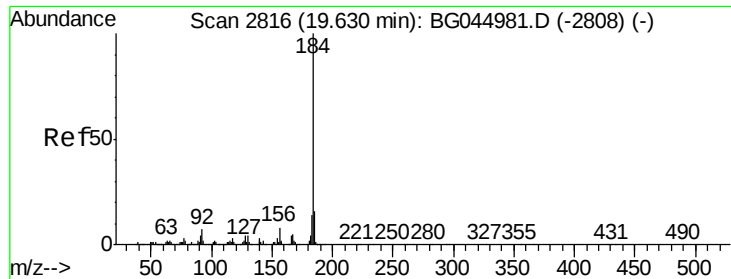
Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	240	Resp:	402290
Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.6	10.0#
236	26.3	22.2	33.2





#77

Benzidine

Concen: 48.781 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

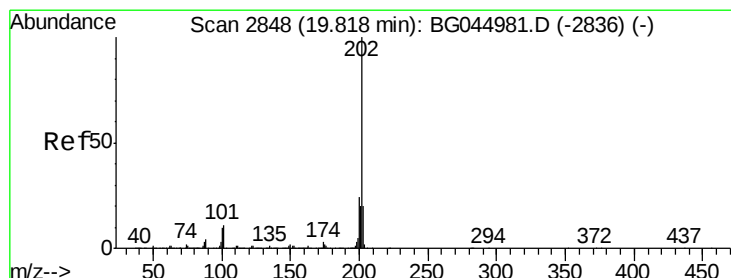
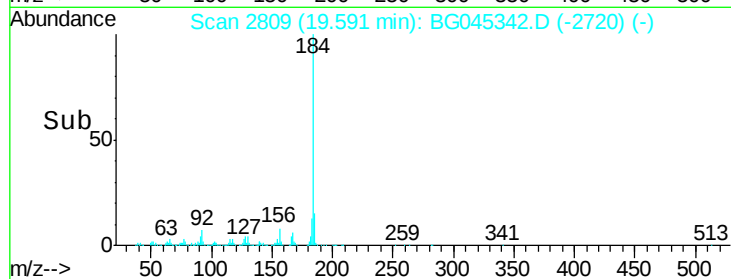
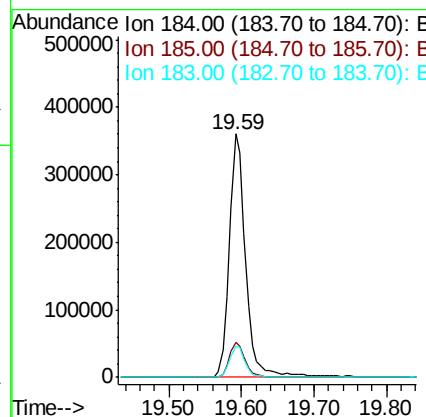
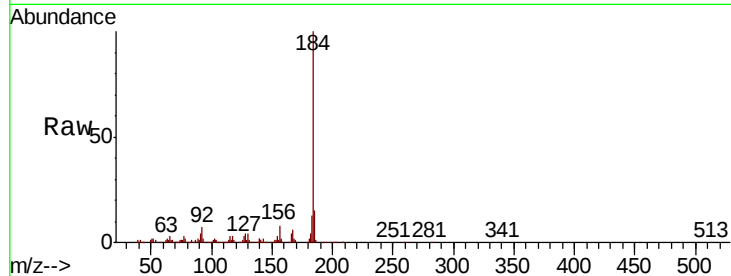
ClientSampleId :

PB128808BS

Tot Ion:	184	Resp:	562566
Ion Ratio		Lower	Upper
184	100		
185	14.5	12.6	19.0
183	13.0	11.3	16.9

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#78

Pyrene

Concen: 38.372 ng

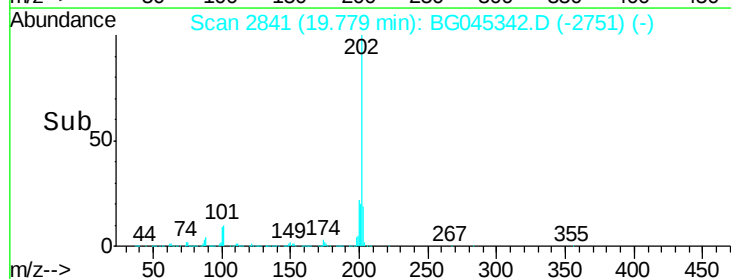
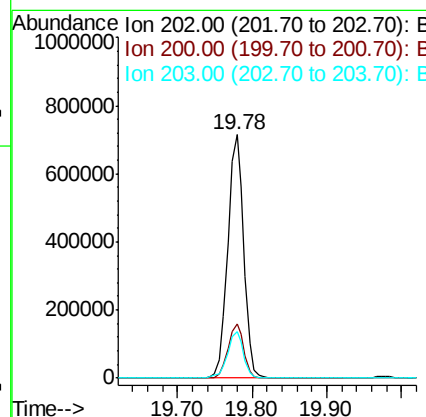
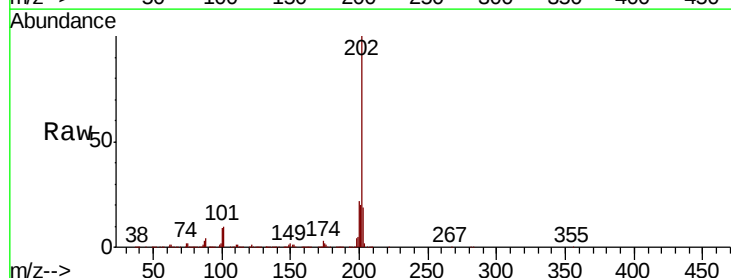
RT: 19.78 min Scan# 2841

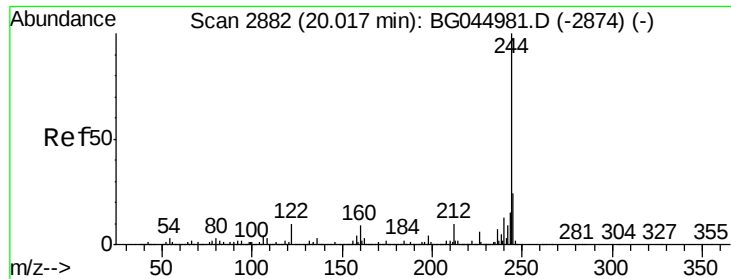
Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	202	Resp:	1064201
Ion Ratio		Lower	Upper
202	100		
200	22.4	19.0	28.6
203	19.1	16.1	24.1





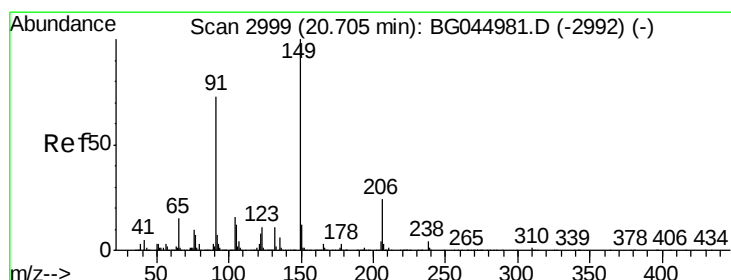
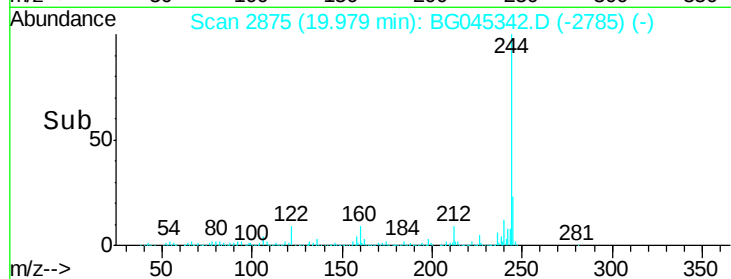
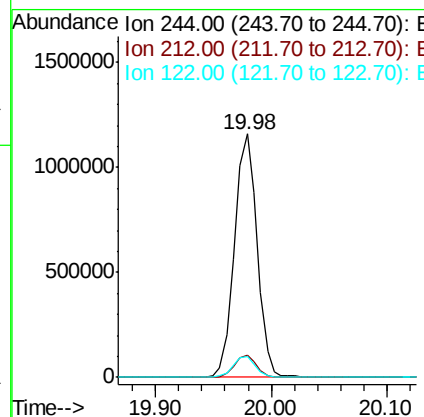
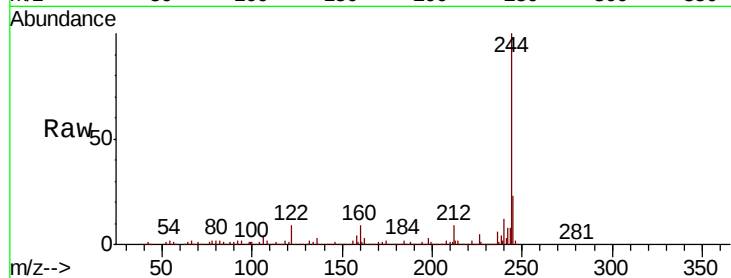
#79
Terphenyl-d14
Concen: 85.419 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.9	11.9
122	8.7	7.7	11.5

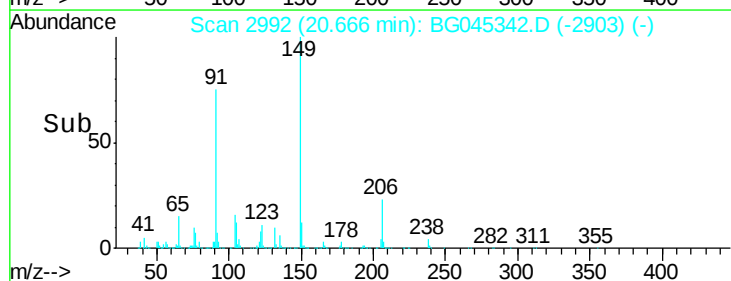
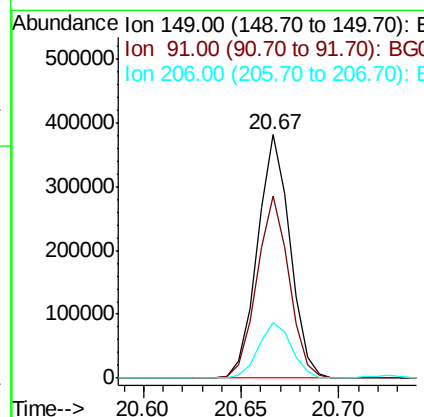
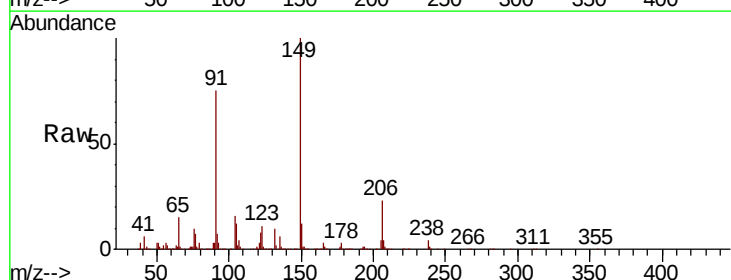
Manual Integrations
APPROVED

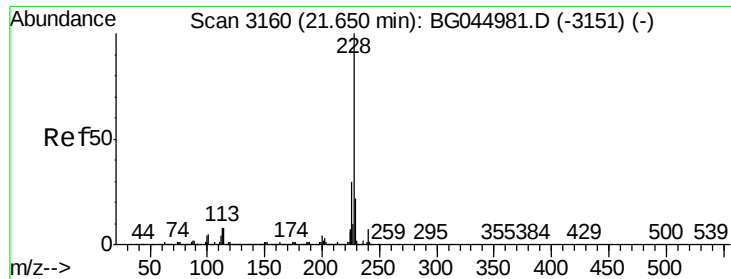
mohammad
5/14/2020 11:53:52 AM



#80
Butylbenzylphthalate
Concen: 38.173 ng
RT: 20.67 min Scan# 2992
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.6	58.5	87.7
206	22.7	19.2	28.8





#81

Benzo(a)anthracene

Concen: 39.322 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

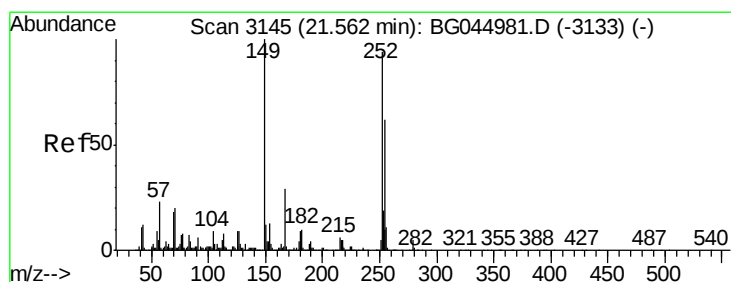
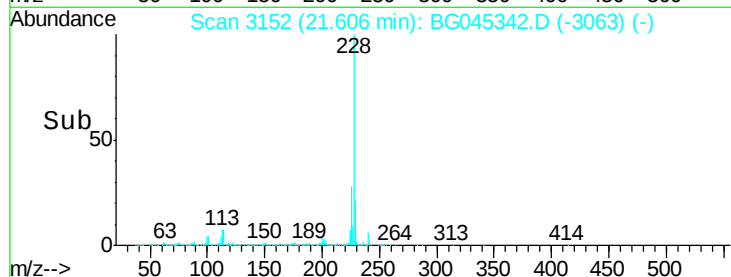
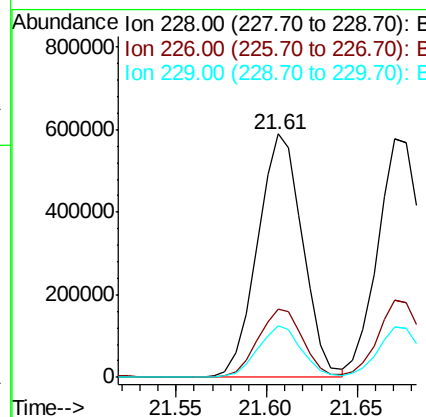
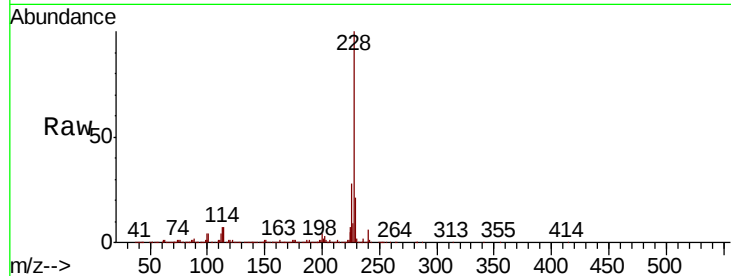
ClientSampleId :

PB128808BS

Tot Ion:	228	Resp:	1025276
Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	21.4	17.5	26.3

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#82

3,3'-Dichlorobenzidine

Concen: 24.649 ng

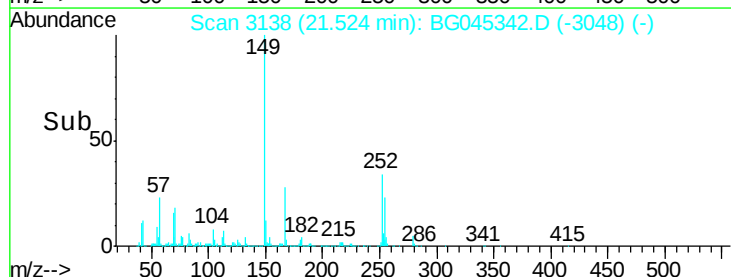
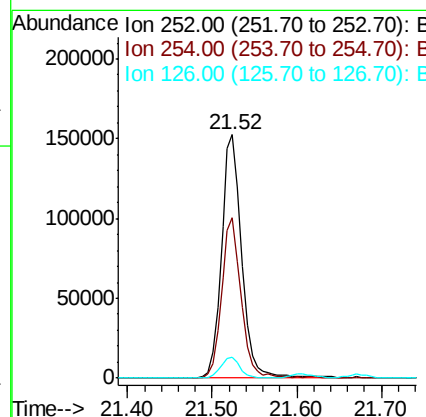
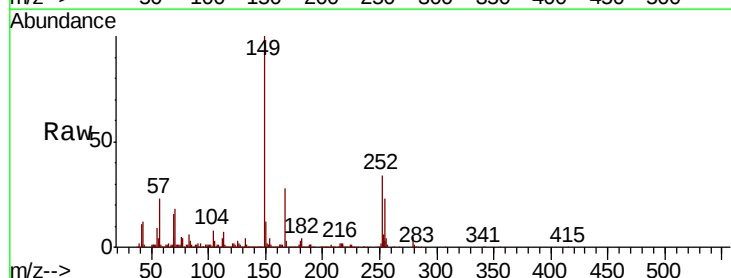
RT: 21.52 min Scan# 3138

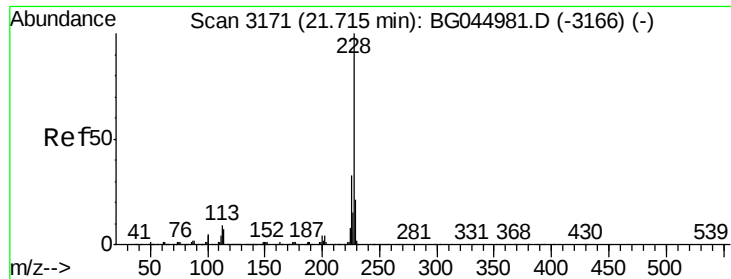
Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	252	Resp:	255808
Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.6	79.0
126	8.3	7.5	11.3





#83

Chrysene

Concen: 38.895 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

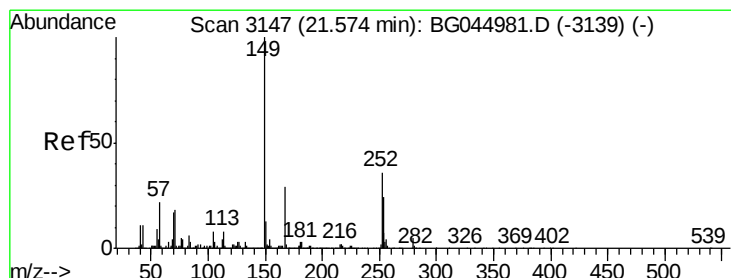
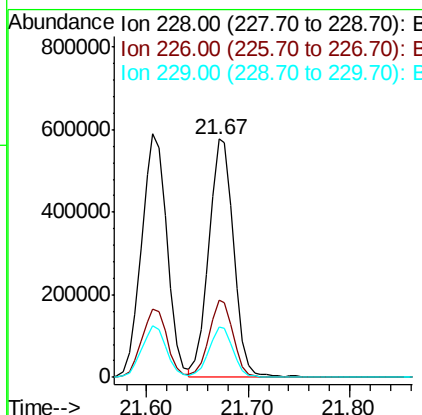
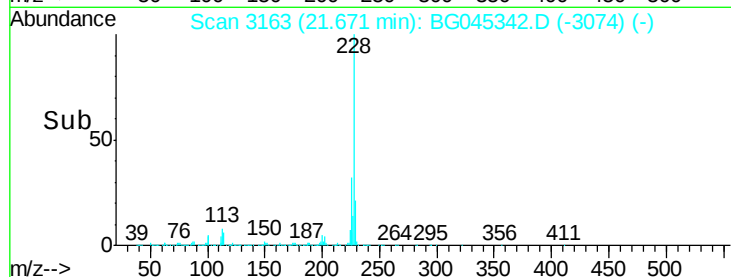
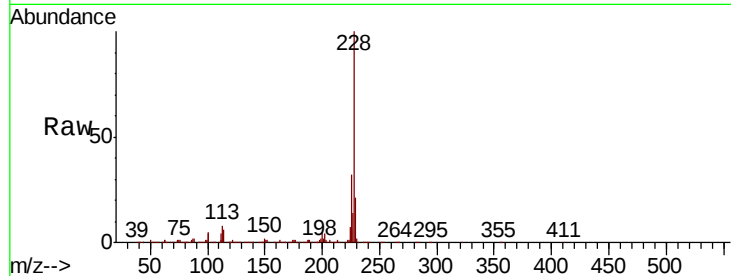
ClientSampleId :

PB128808BS

Tot Ion:	228	Resp:	974424
Ion Ratio	Lower	Upper	
228	100		
226	32.4	26.2	39.4
229	21.0	17.0	25.6

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.212 ng

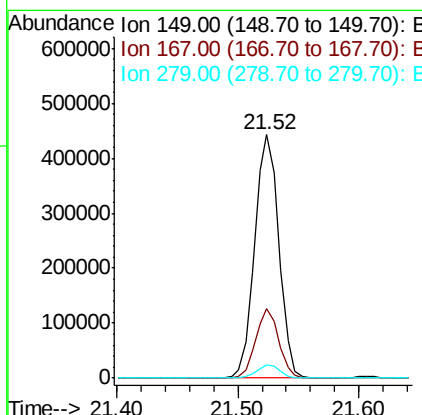
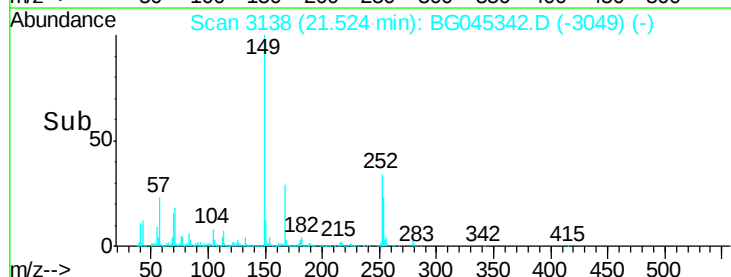
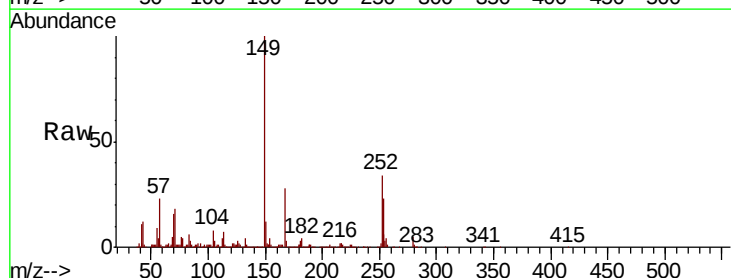
RT: 21.52 min Scan# 3138

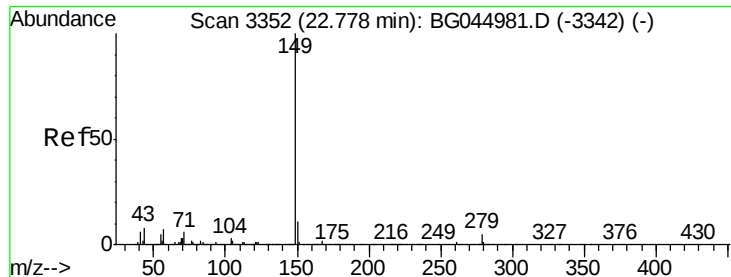
Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	149	Resp:	619981
Ion Ratio	Lower	Upper	
149	100		
167	28.5	23.4	35.0
279	5.4	4.3	6.5





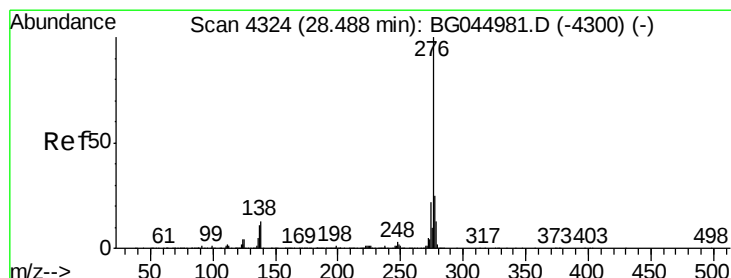
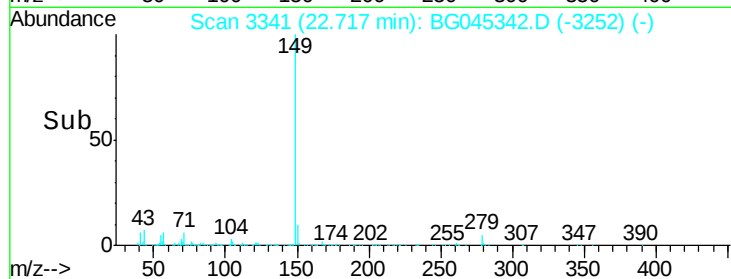
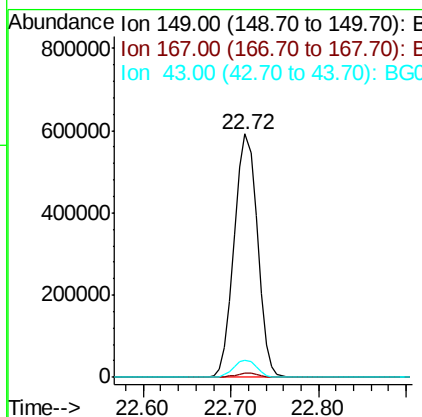
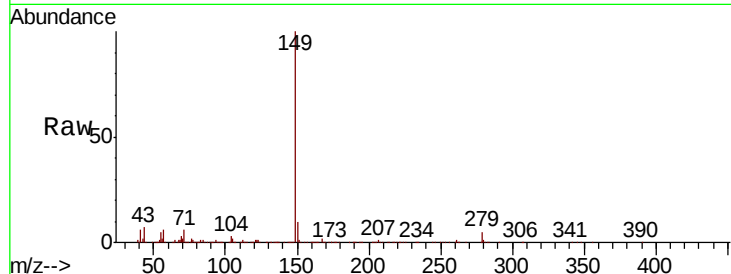
#85
Di-n-octyl phthalate
Concen: 38.579 ng
RT: 22.72 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.0	5.7	8.5

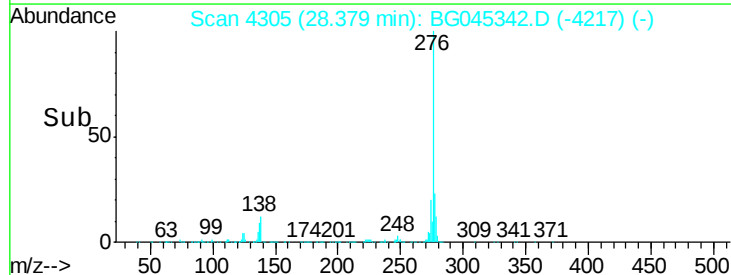
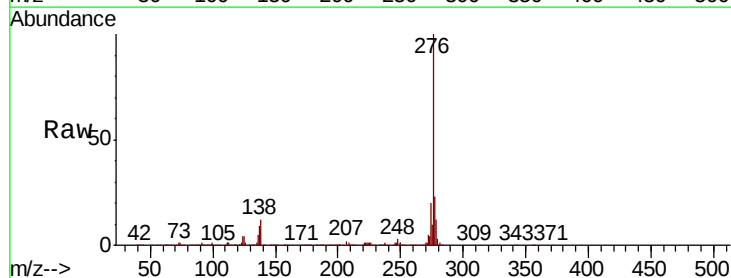
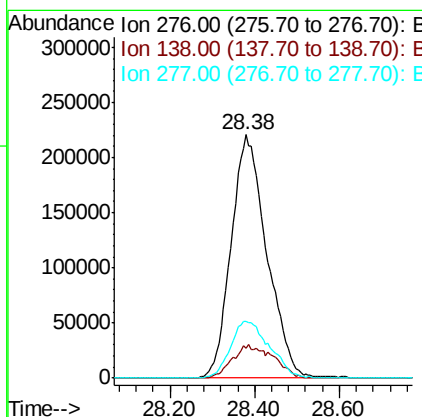
Manual Integrations
APPROVED

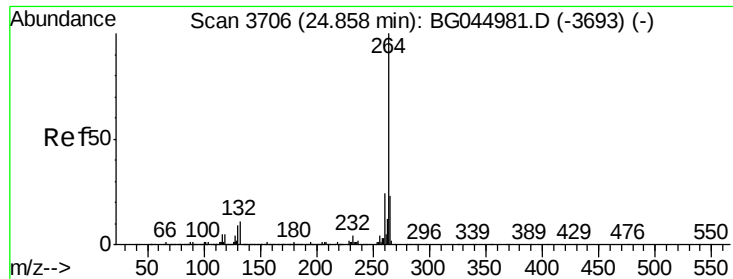
mohammad
5/14/2020 11:53:52 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.620 ng
RT: 28.38 min Scan# 4305
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	9.6	14.4#
277	25.6	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

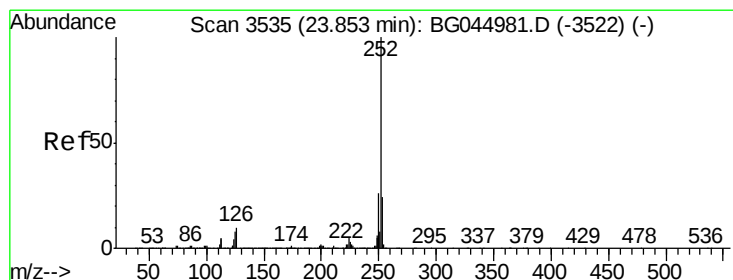
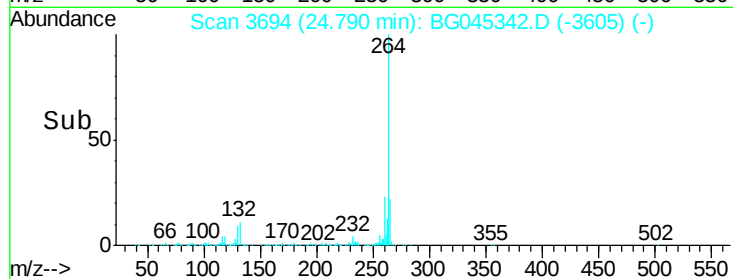
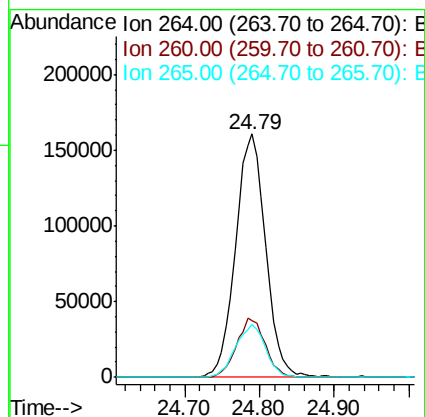
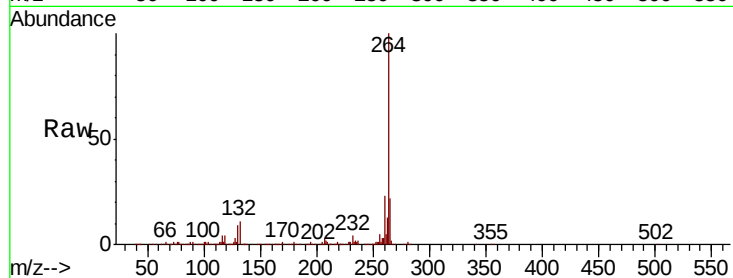
ClientSampleId :

PB128808BS

Tot Ion:	264	Resp:	449945
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.9	19.0	28.4

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#88

Benzo(b)fluoranthene

Concen: 37.799 ng

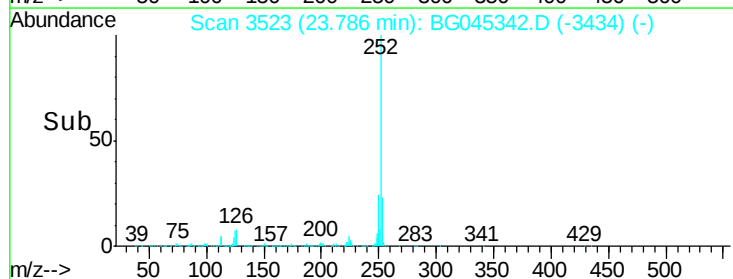
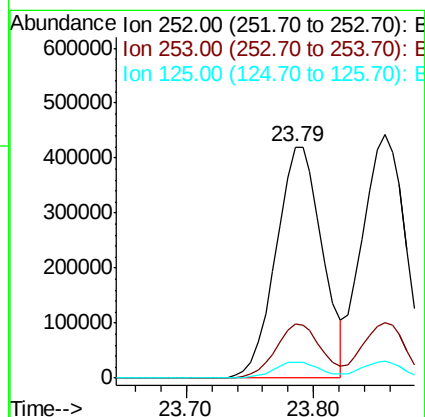
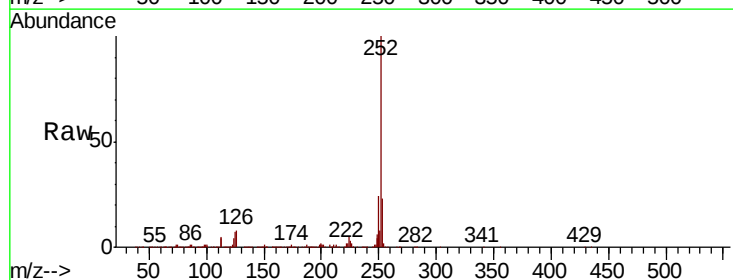
RT: 23.79 min Scan# 3523

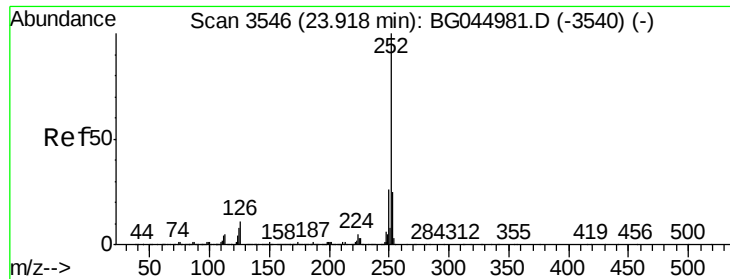
Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:	252	Resp:	1065328
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.8	28.2
125	7.0	6.2	9.4





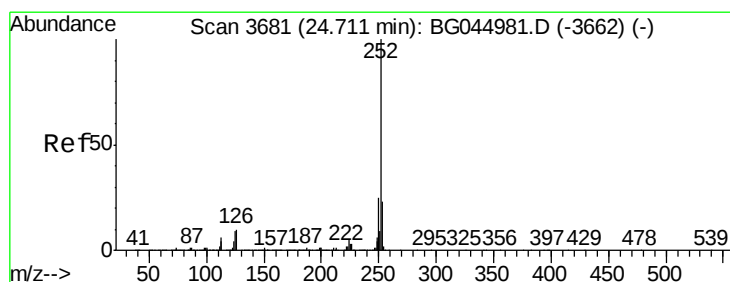
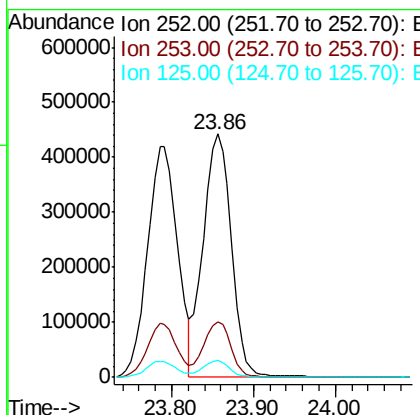
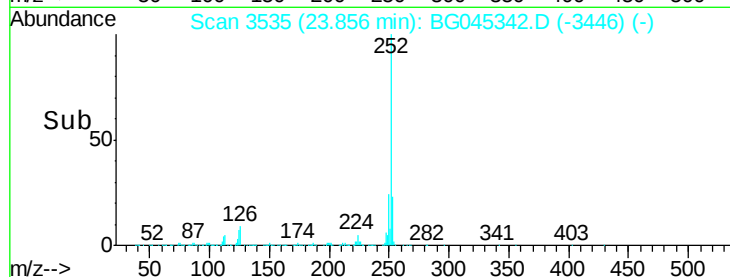
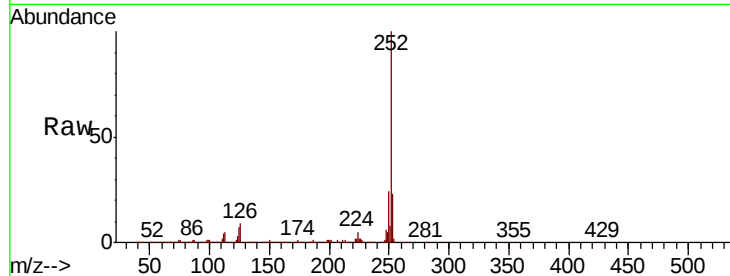
#89
Benzo(k)fluoranthene
Concen: 39.453 ng
RT: 23.86 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	7.2	5.9	8.9

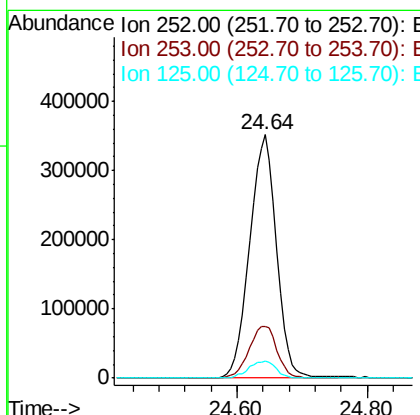
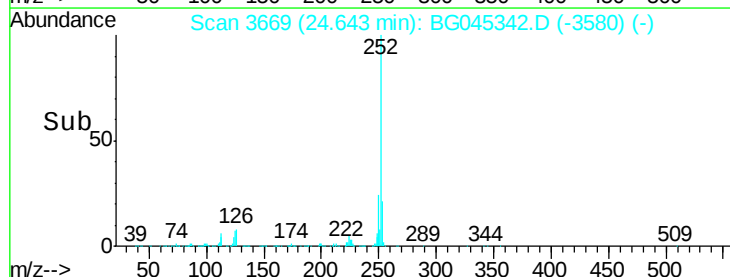
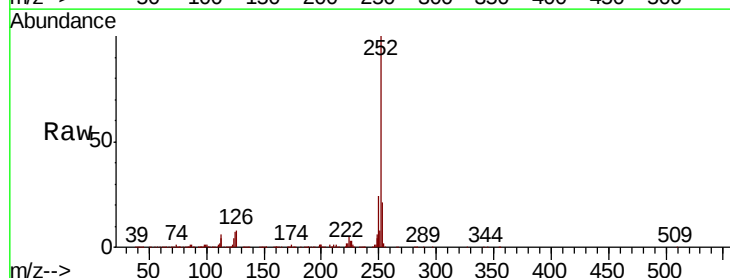
Manual Integrations
APPROVED

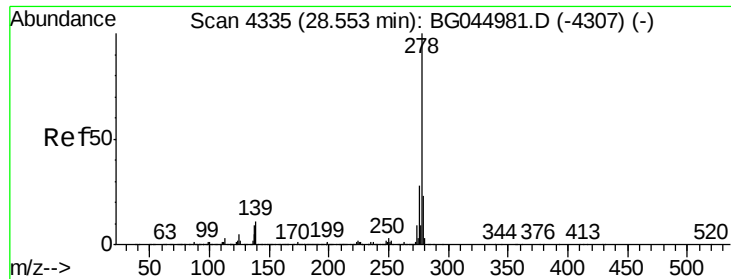
mohammad
5/14/2020 11:53:52 AM



#90
Benzo(a)pyrene
Concen: 37.700 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.3	27.5
125	7.0	7.0	10.6





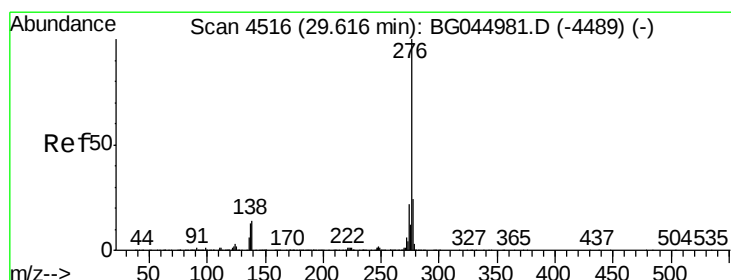
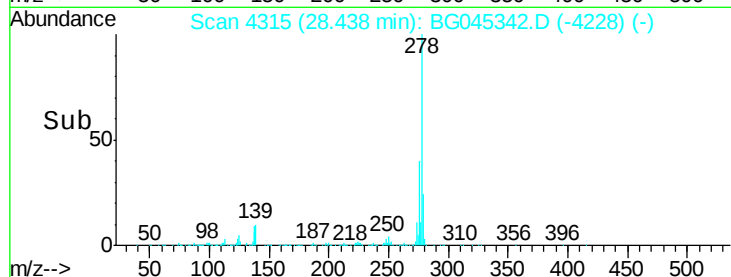
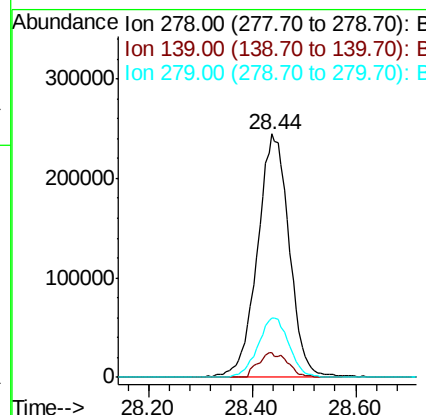
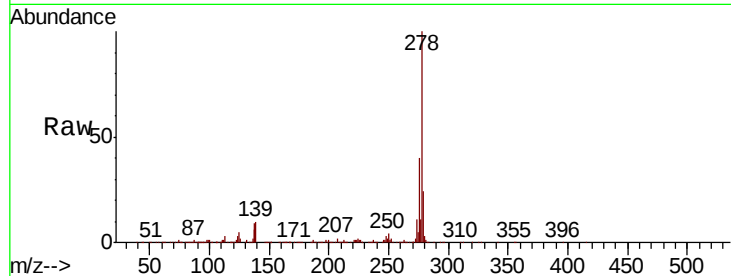
#91
Dibenzo(a,h)anthracene
Concen: 38.888 ng
RT: 28.44 min Scan# 4315
Delta R.T. -0.02 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.0	13.6
279	24.5	18.4	27.6

Manual Integrations
APPROVED

mohammad
5/14/2020 11:53:52 AM



#92
Benzo(g,h,i)perylene
Concen: 39.633 ng
RT: 29.50 min Scan# 4496
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	13.2	11.4	17.2

