

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045733.D
 Acq On : 11 Jun 2020 23:00
 Operator : CG/JU
 Sample : L2810-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MSD

Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:44:52 AM

Quant Time: Jun 12 03:28:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	45768	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	182459	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	139195	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	336767	20.00	ng	0.00
76) Chrysene-d12	21.60	240	304156	20.00	ng	0.00
87) Perylene-d12	24.73	264	341711	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	352131	150.36	ng	0.00
7) Phenol-d6	7.13	99	462682	138.81	ng	-0.01
23) Nitrobenzene-d5	9.11	82	378450	113.11	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	298590	167.73	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	870711	106.10	ng	0.00
79) Terphenyl-d14	19.95	244	1565104	120.01	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	45505	39.184	ng	# 61
3) Pyridine	3.81	79	120996	37.409	ng	97
4) n-Nitrosodimethylamine	3.71	42	59173	55.909	ng	82
6) Aniline	7.27	93	155596	35.759	ng	100
8) 2-Chlorophenol	7.52	128	147709	57.515	ng	99
9) Benzaldehyde	7.08	77	87250	40.176	ng	98
10) Phenol	7.16	94	169218	49.258	ng	97
11) bis(2-Chloroethyl)ether	7.36	93	139706	52.137	ng	99
12) 1,3-Dichlorobenzene	7.83	146	155622	50.424	ng	99
13) 1,4-Dichlorobenzene	7.98	146	158666	52.095	ng	95
14) 1,2-Dichlorobenzene	8.30	146	150411	51.346	ng	95
15) Benzyl Alcohol	8.19	79	160802	58.398	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.47	45	130256	51.210	ng	100
17) 2-Methylphenol	8.41	107	134719	52.392	ng	98
18) Hexachloroethane	9.03	117	58311	49.988	ng	88
19) n-Nitroso-di-n-propylamine	8.75	70	135396	58.741	ng	95
20) 3+4-Methylphenols	8.74	107	179392	51.233	ng	94
22) Acetophenone	8.77	105	236859	54.772	ng	# 97
24) Nitrobenzene	9.15	77	212289	59.219	ng	96
25) Isophorone	9.67	82	373569	56.692	ng	99
26) 2-Nitrophenol	9.86	139	87562	57.099	ng	93
27) 2,4-Dimethylphenol	9.94	122	140102	61.598	ng	94
28) bis(2-Chloroethoxy)methane	10.15	93	200829	58.115	ng	98
29) 2,4-Dichlorophenol	10.41	162	157358	58.587	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	170735	53.796	ng	98
31) Naphthalene	10.80	128	474240	55.777	ng	99
32) Benzoic acid	10.11	122	57548	39.457	ng	93
33) 4-Chloroaniline	10.92	127	42422	11.936	ng	94
34) Hexachlorobutadiene	11.09	225	116891	52.104	ng	97
35) Caprolactam	11.69	113	45041m	45.687	ng	
36) 4-Chloro-3-methylphenol	12.06	107	192796	63.702	ng	93
37) 2-Methylnaphthalene	12.41	142	369729	58.343	ng	98
38) 1-Methylnaphthalene	12.63	142	349949m	58.458	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	205753	52.921	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
 Data File : BG045733.D
 Acq On : 11 Jun 2020 23:00
 Operator : CG/JU
 Sample : L2810-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MSD

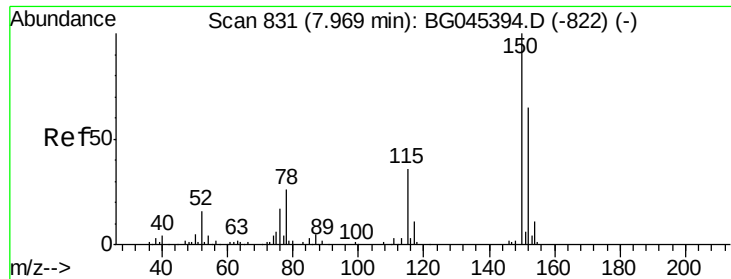
Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:44:52 AM

Quant Time: Jun 12 03:28:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	210630	93.862	nq	98
43) 2,4,6-Trichlorophenol	13.03	196	147998	54.798	nq	98
44) 2,4,5-Trichlorophenol	13.11	196	156610	50.743	nq	98
46) 1,1'-Biphenyl	13.42	154	469015	54.837	nq	99
47) 2-Chloronaphthalene	13.46	162	369650	53.223	nq	99
48) 2-Nitroaniline	13.67	65	123642	54.120	nq	94
49) Acenaphthylene	14.31	152	615017	55.129	nq	97
50) Dimethylphthalate	14.04	163	635657	66.570	nq	99
51) 2,6-Dinitrotoluene	14.16	165	118811	55.141	nq	98
52) Acenaphthene	14.65	154	470640m	63.025	nq	
53) 3-Nitroaniline	14.50	138	57474	26.240	nq	95
54) 2,4-Dinitrophenol	14.71	184	139823	97.763	nq	94
55) Dibenzofuran	14.99	168	600062	54.111	nq	96
56) 4-Nitrophenol	14.84	139	140349	84.635	nq	88
57) 2,4-Dinitrotoluene	14.96	165	168874	54.117	nq	98
58) Fluorene	15.64	166	510299	56.012	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	153539	56.547	nq	99
60) Diethylphthalate	15.41	149	543650	54.701	nq	98
61) 4-Chlorophenyl-phenylether	15.63	204	286933	55.038	nq	99
62) 4-Nitroaniline	15.66	138	106417	46.539	nq	95
63) Azobenzene	15.92	77	521416	56.265	nq	97
65) 4,6-Dinitro-2-methylphenol	15.72	198	110565	56.373	nq	90
66) n-Nitrosodiphenylamine	15.85	169	458436	56.697	nq	94
67) 4-Bromophenyl-phenylether	16.52	248	197802	54.242	nq	99
68) Hexachlorobenzene	16.65	284	217495	57.024	nq	97
69) Atrazine	16.80	200	177646	53.340	nq	95
70) Pentachlorophenol	17.00	266	212477	107.289	nq	98
71) Phenanthrene	17.38	178	838543	57.037	nq	99
72) Anthracene	17.47	178	853540	57.812	nq	100
73) Carbazole	17.74	167	786289	54.636	nq	99
74) Di-n-butylphthalate	18.30	149	943773	54.638	nq	100
75) Fluoranthene	19.39	202	1035537	55.377	nq	99
77) Benzidine	19.57	184	383310	44.872	nq	99
78) Pyrene	19.75	202	1025703	59.159	nq	99
80) Butylbenzylphthalate	20.64	149	410273	54.822	nq	96
81) Benzo(a)anthracene	21.58	228	953789	56.292	nq	99
82) 3,3'-Dichlorobenzidine	21.49	252	184335	27.735	nq	100
83) Chrysene	21.64	228	927450	56.927	nq	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	563876	54.813	nq	98
85) Di-n-octyl phthalate	22.67	149	982804	55.624	nq	99
86) Indeno(1,2,3-cd)pyrene	28.31	276	1228819	57.679	nq	98
88) Benzo(b)fluoranthene	23.74	252	1057034	57.678	nq	99
89) Benzo(k)fluoranthene	23.81	252	1004810	58.360	nq	98
90) Benzo(a)pyrene	24.59	252	959196	56.199	nq	99
91) Dibenzo(a,h)anthracene	28.37	278	998195	58.199	nq	98
92) Benzo(g,h,i)perylene	29.42	276	997606	58.157	nq	99

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



#1

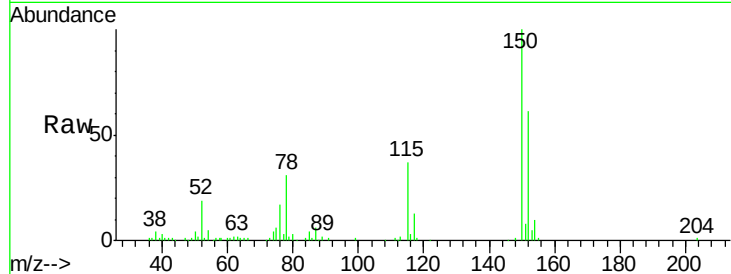
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.1	122.4	183.6
115	61.4	44.2	66.4

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM

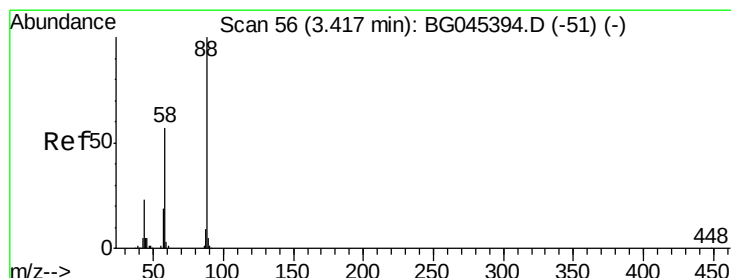
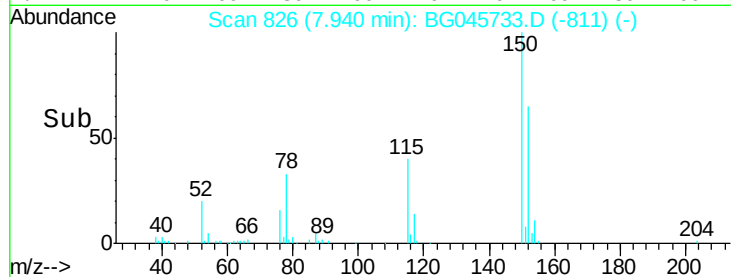
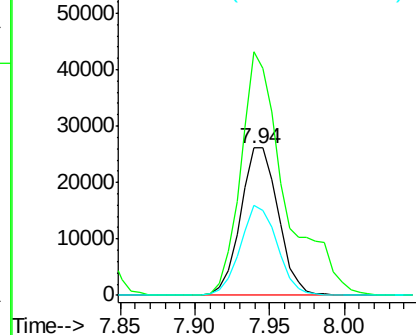


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

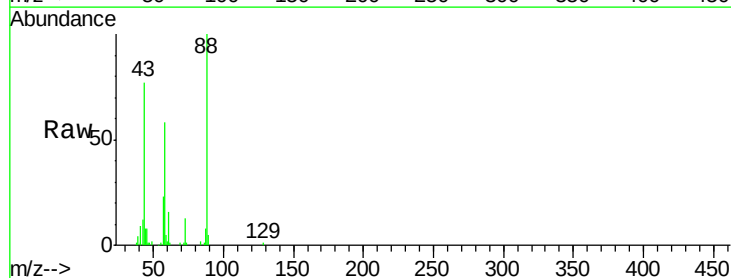
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.184 ng
RT: 3.40 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.9	45.7	68.5
43	77.0	16.8	25.2

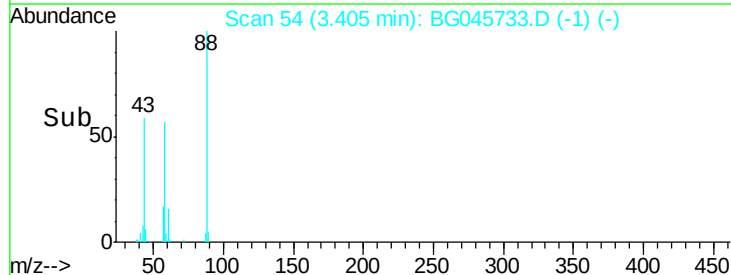
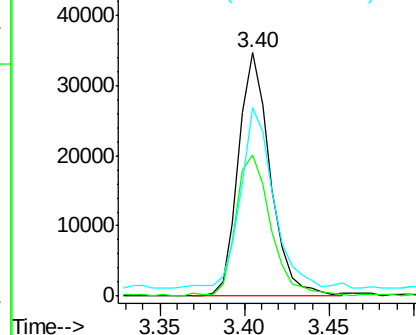


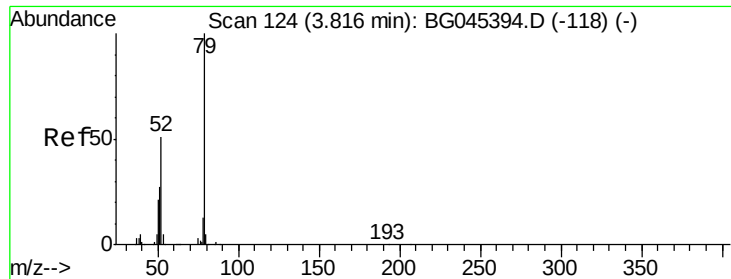
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.409 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

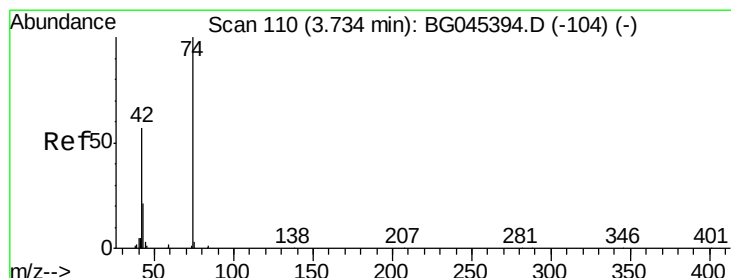
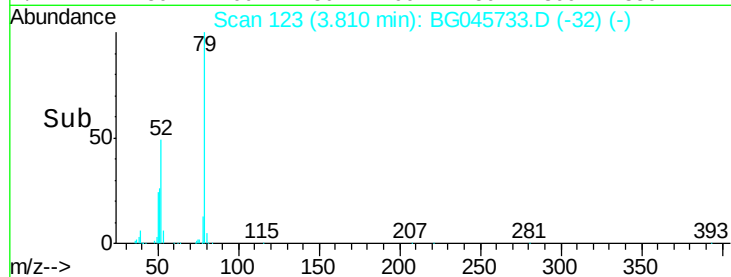
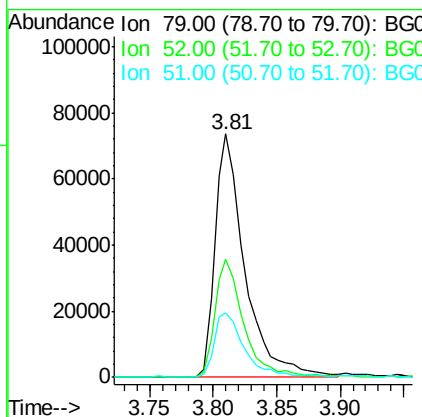
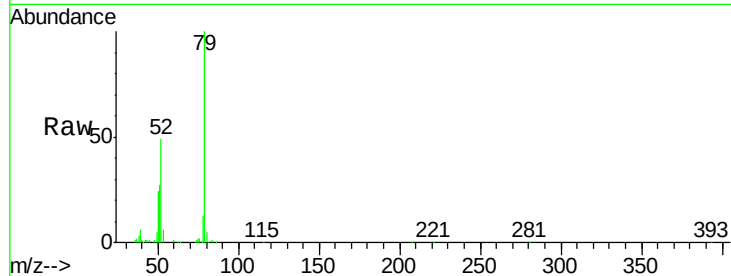
ClientSampleId :

CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	48.6	40.8	61.2
51	26.5	21.9	32.9

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#4

n-Nitrosodimethylamine

Concen: 55.909 ng

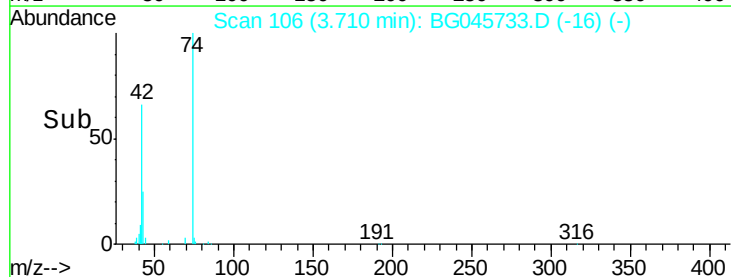
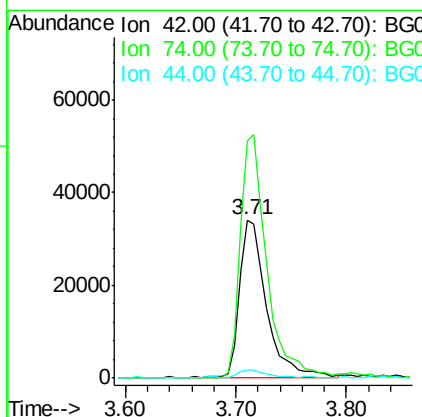
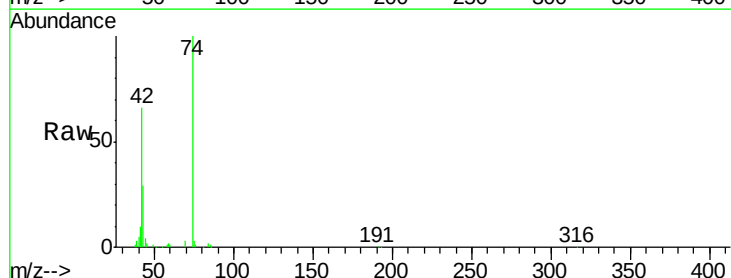
RT: 3.71 min Scan# 106

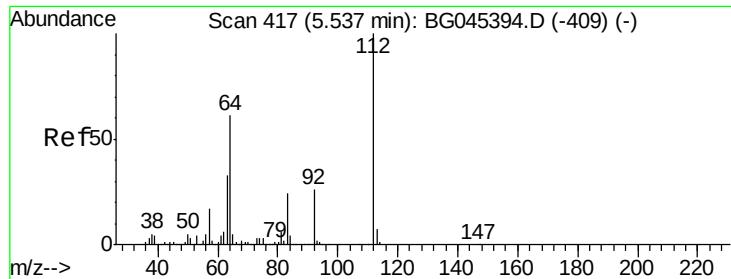
Delta R.T. 0.00 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.6	141.3	211.9
44	5.3	4.2	6.4





#5

2-Fluorophenol

Concen: 150.360 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

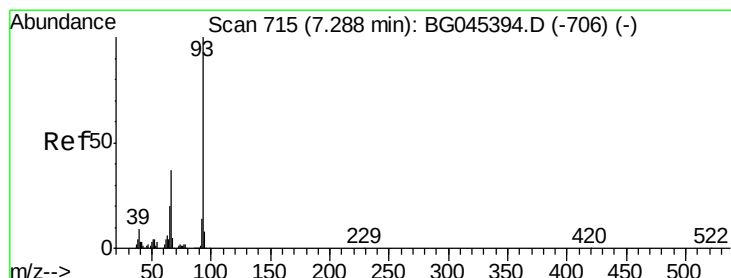
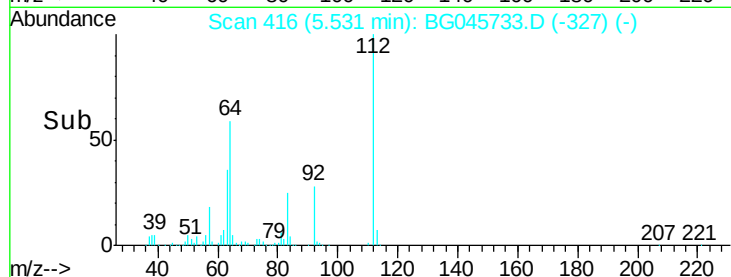
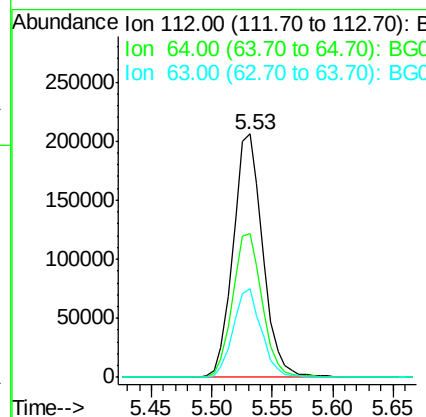
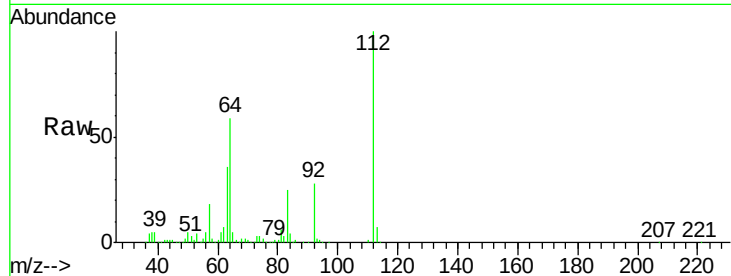
ClientSampleId :

CL-02-060920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		352131		
64	59.1	48.6	72.8		
63	36.2	26.5	39.7		

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#6

Aniline

Concen: 35.759 ng

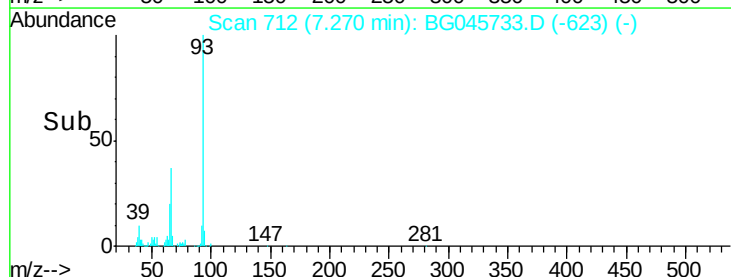
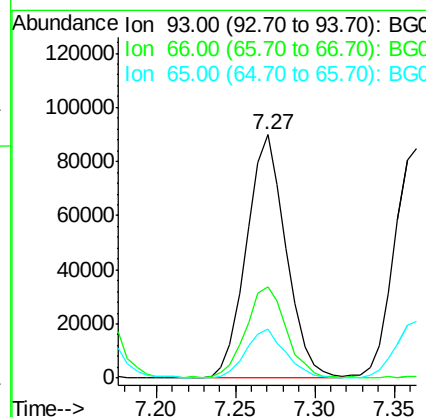
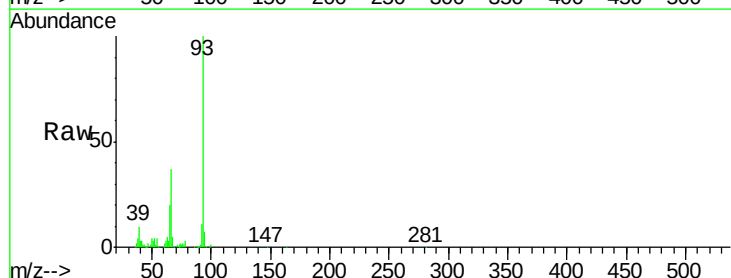
RT: 7.27 min Scan# 712

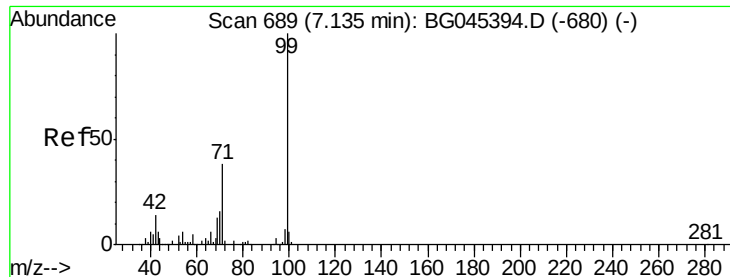
Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		155596		
66	37.3	29.6	44.4		
65	19.9	15.9	23.9		





#7

Phenol-d6

Concen: 138.808 ng

RT: 7.13 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

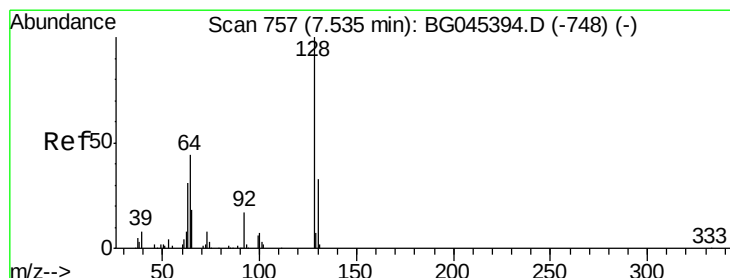
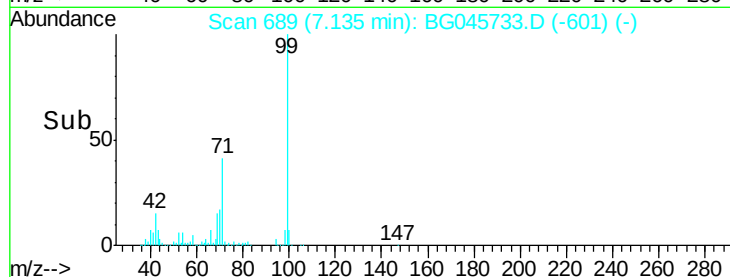
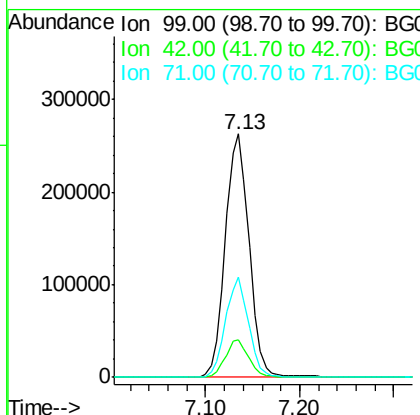
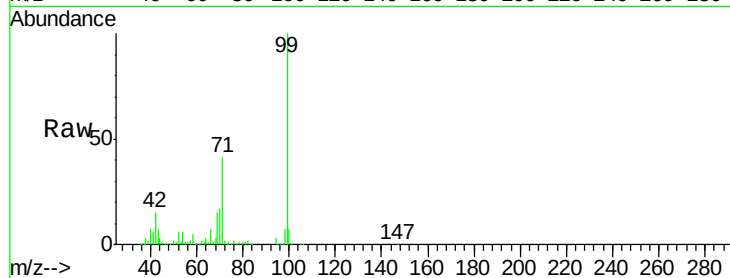
ClientSampleId :

CL-02-060920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		462682		
42	15.3	11.3	16.9		
71	41.1	30.8	46.2		

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#8

2-Chlorophenol

Concen: 57.515 ng

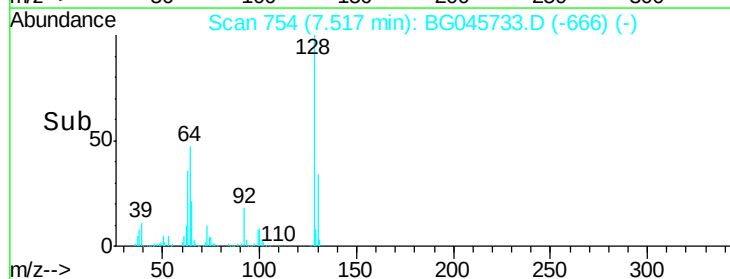
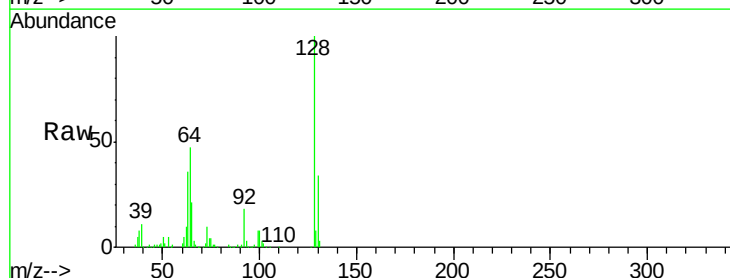
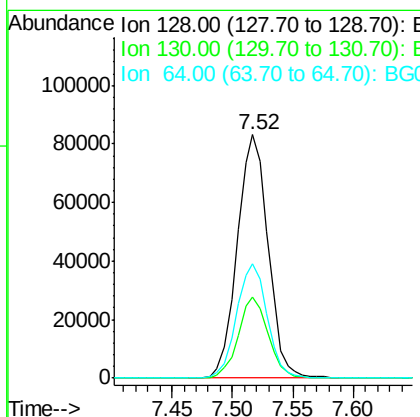
RT: 7.52 min Scan# 754

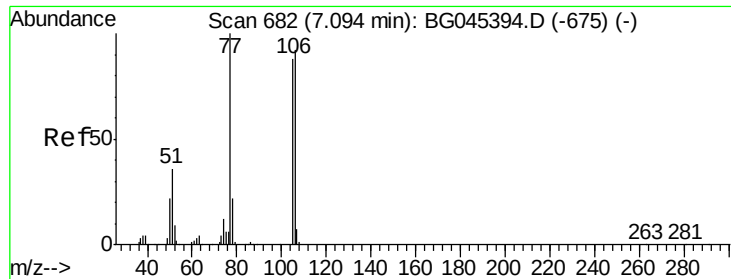
Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		147709		
130	33.5	12.6	52.6		
64	46.7	27.0	67.0		





#9

Benzaldehyde

Concen: 40.176 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

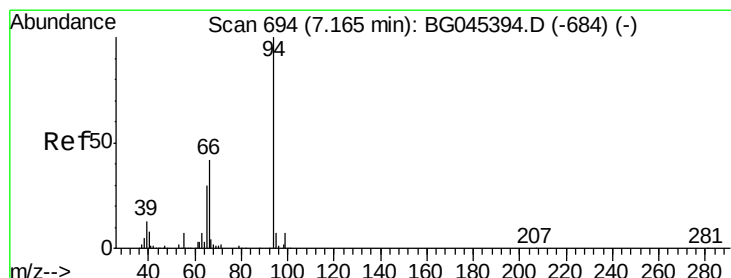
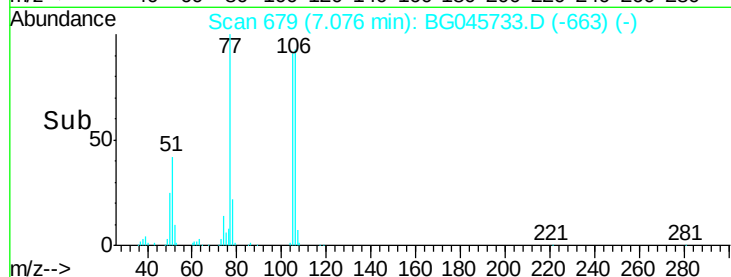
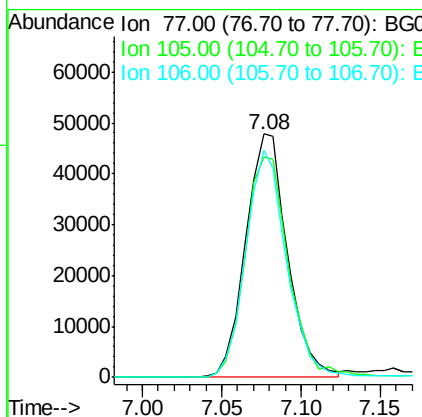
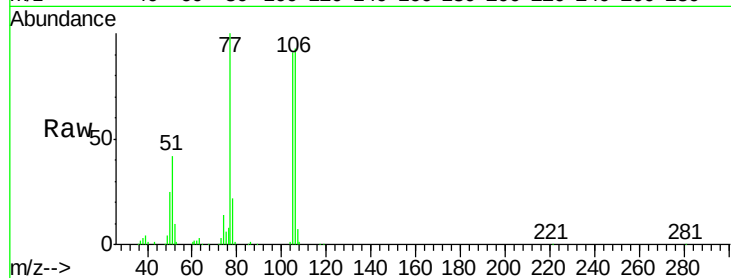
ClientSampleId :

CL-02-060920MSD

Tot Ion:	77	Resp:	87250
Ion	Ratio	Lower	Upper
77	100		
105	90.7	68.5	108.5
106	93.0	71.6	111.6

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#10

Phenol

Concen: 49.258 ng

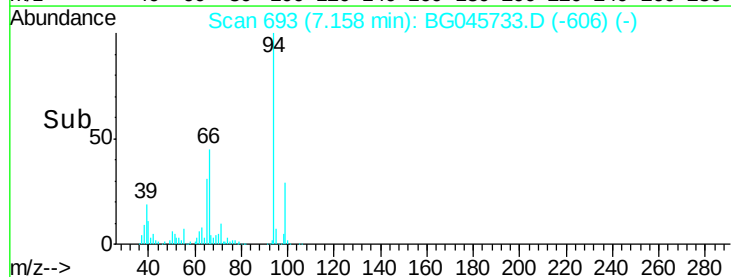
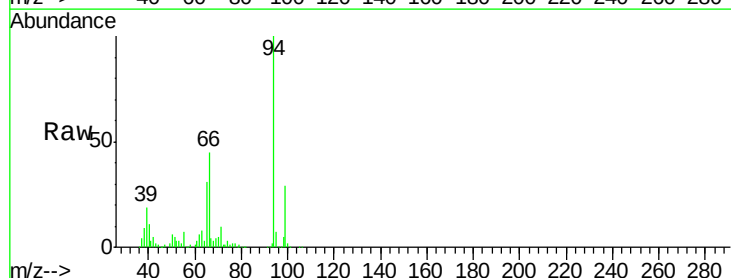
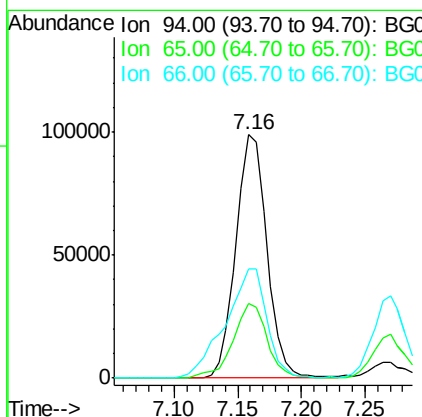
RT: 7.16 min Scan# 693

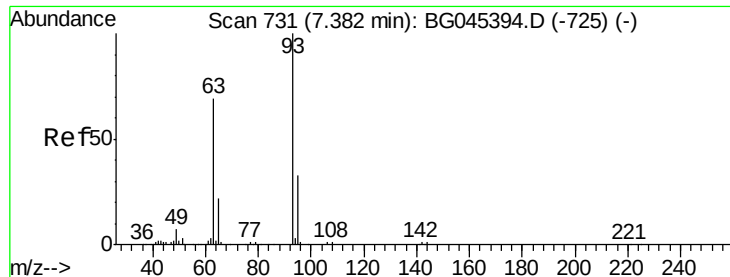
Delta R.T. -0.02 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion:	94	Resp:	169218
Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.8	49.8
66	45.0	22.0	62.0





#11

bis(2-Chloroethyl)ether

Concen: 52.137 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

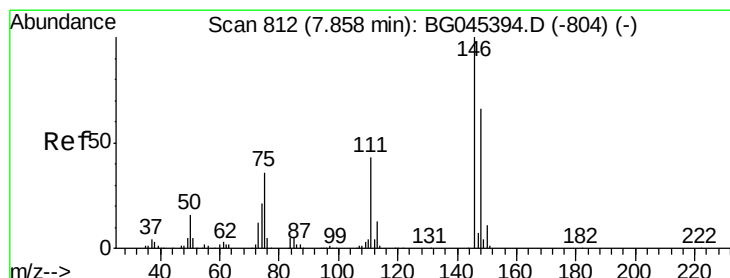
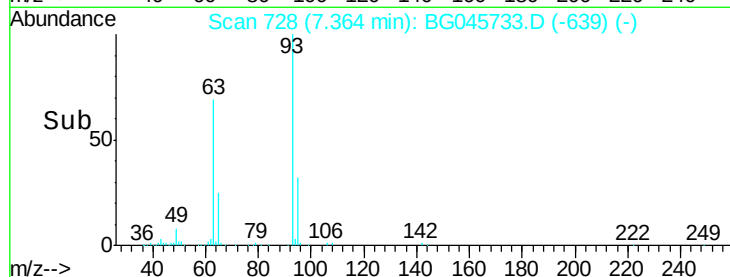
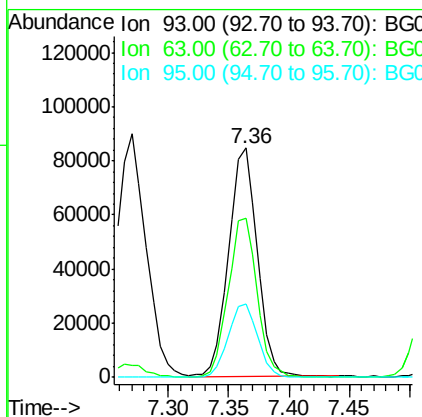
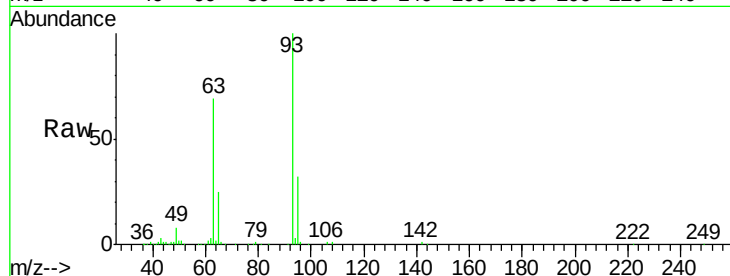
ClientSampleId :

CL-02-060920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		139706		
63	69.2	48.4	88.4		
95	31.8	12.4	52.4		

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#12

1,3-Dichlorobenzene

Concen: 50.424 ng

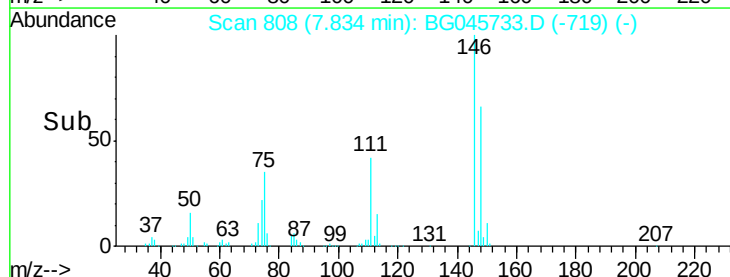
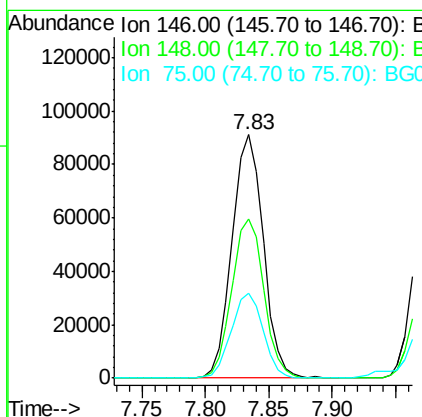
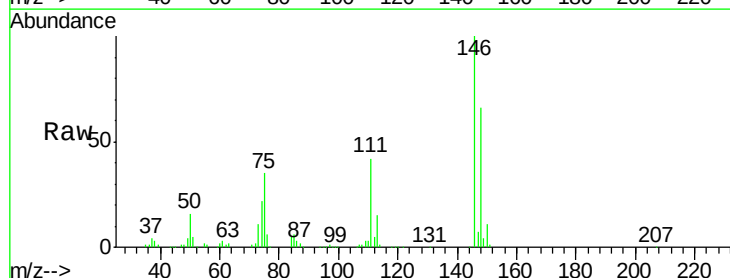
RT: 7.83 min Scan# 808

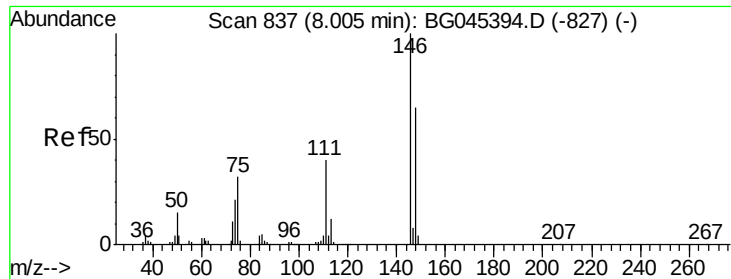
Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		155622		
148	65.5	53.2	79.8		
75	34.9	28.6	43.0		





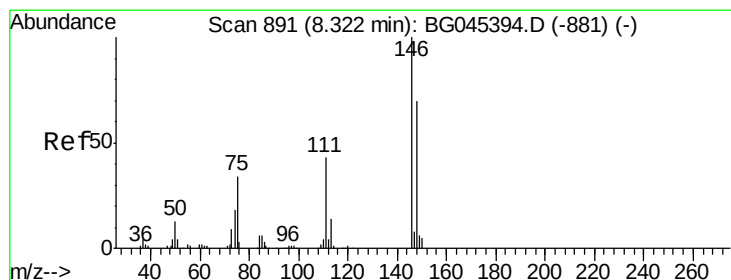
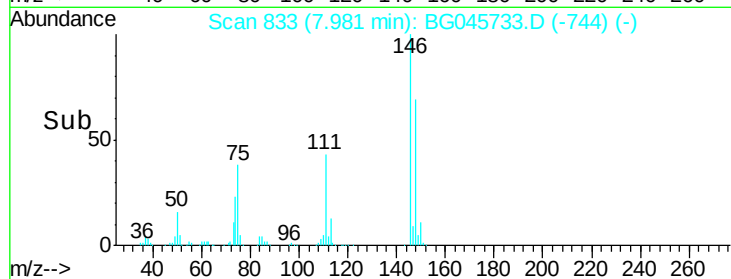
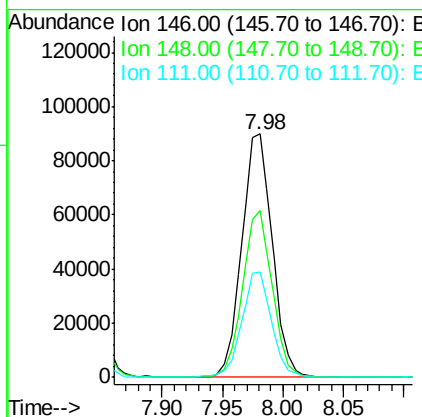
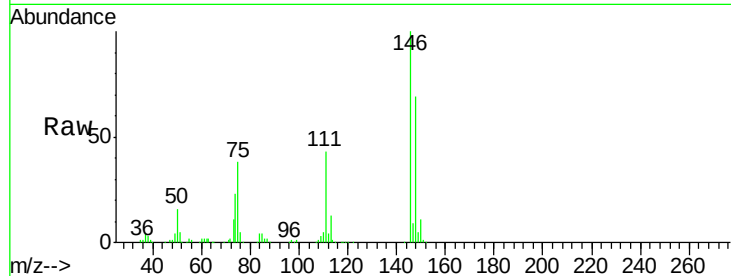
#13
 1,4-Dichlorobenzene
 Concen: 52.095 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.6	51.8	77.8
111	43.2	32.1	48.1

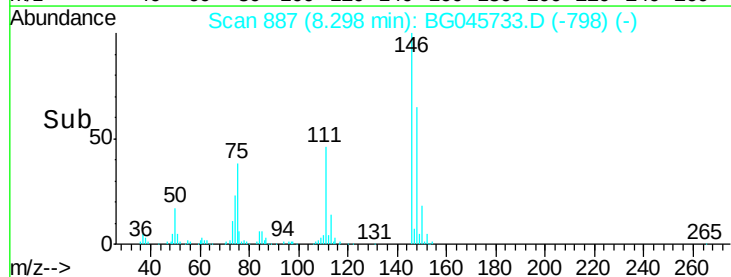
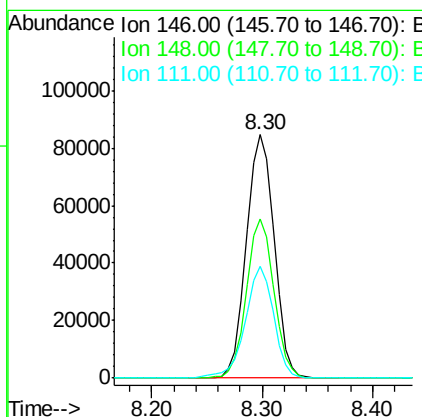
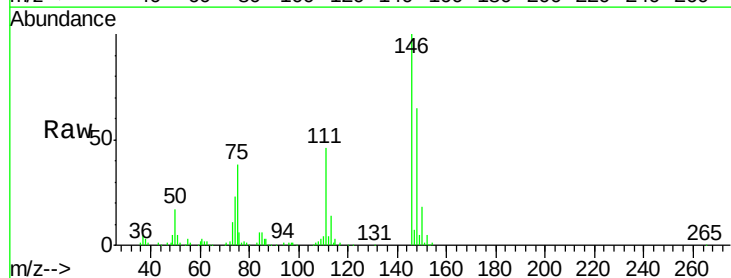
Manual Integrations
 APPROVED

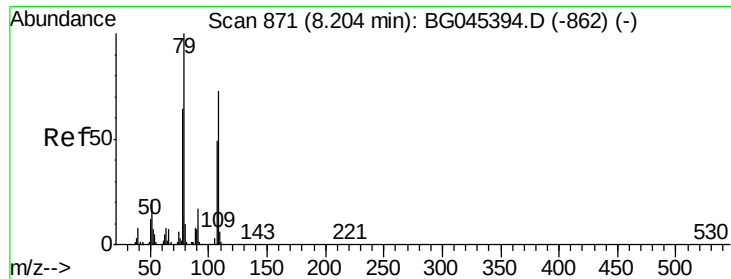
mohammad
 6/15/2020 8:44:52 AM



#14
 1,2-Dichlorobenzene
 Concen: 51.346 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	55.9	83.9
111	46.2	35.0	52.4





#15

Benzyl Alcohol

Concen: 58.398 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

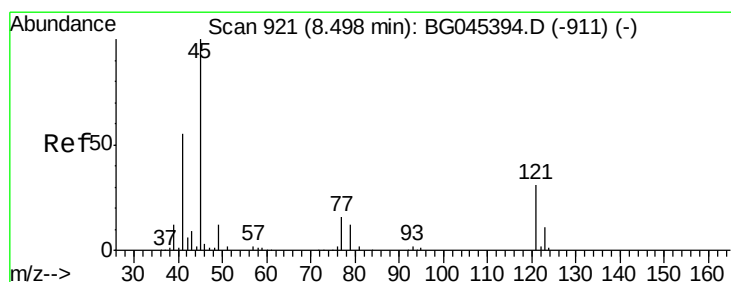
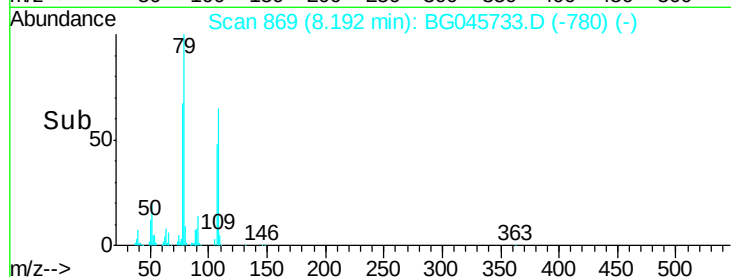
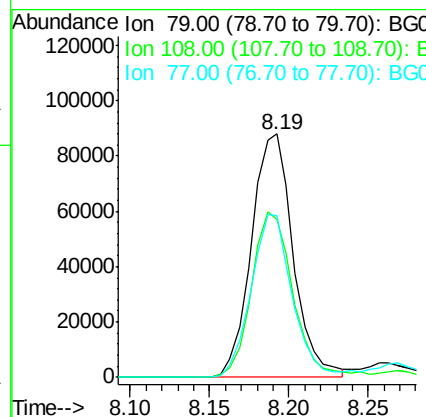
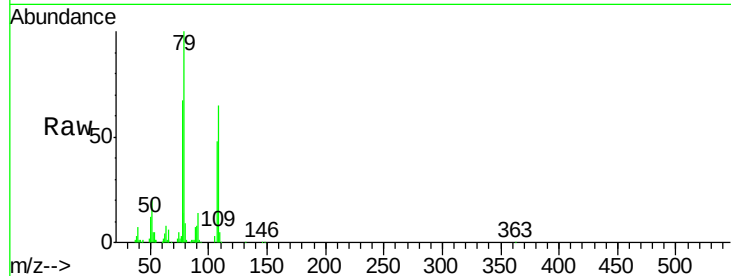
ClientSampleId :

CL-02-060920MSD

Tot Ion:	79	Resp:	160802
Ion Ratio	Lower	Upper	
79	100		
108	64.9	58.2	87.4
77	66.5	51.0	76.4

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.210 ng

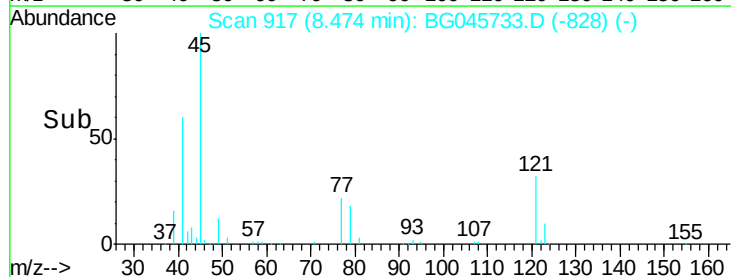
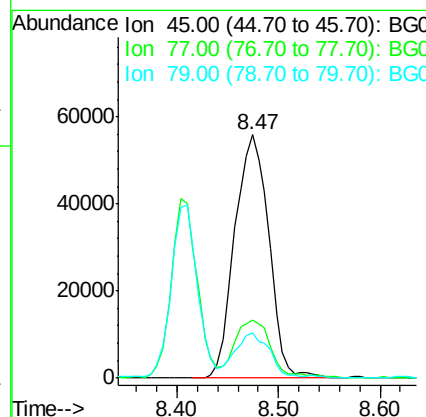
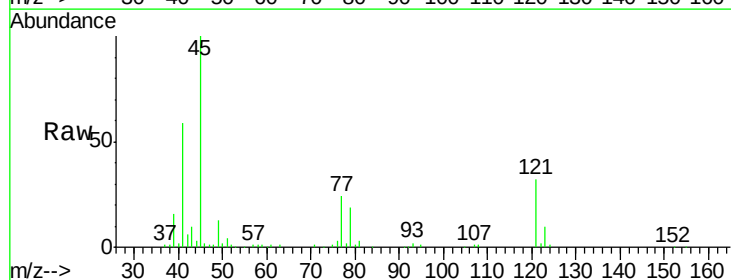
RT: 8.47 min Scan# 917

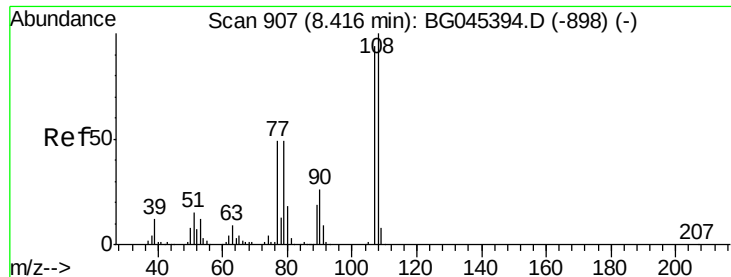
Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion:	45	Resp:	130256
Ion Ratio	Lower	Upper	
45	100		
77	23.7	4.0	44.0
79	18.6	0.0	38.6





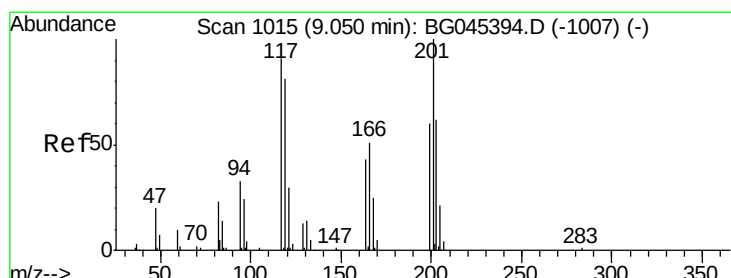
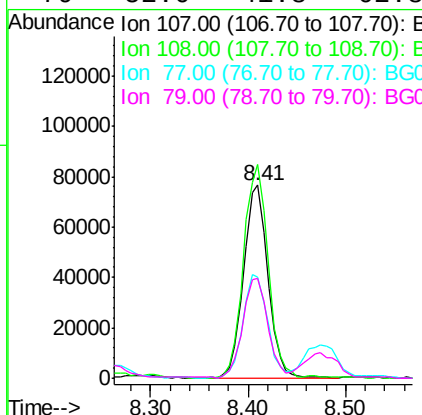
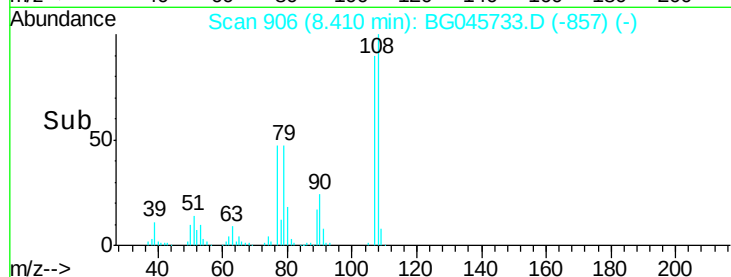
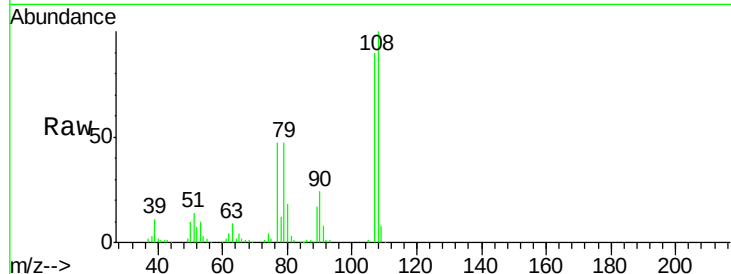
#17
2-Methylphenol
Concen: 52.392 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	110.8	85.2	127.8	
77	77	52.2	41.6	62.4	
79	79	52.0	41.8	62.8	

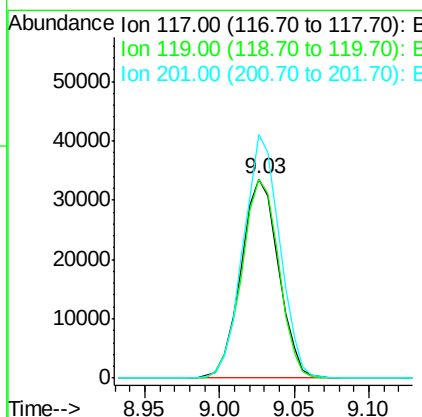
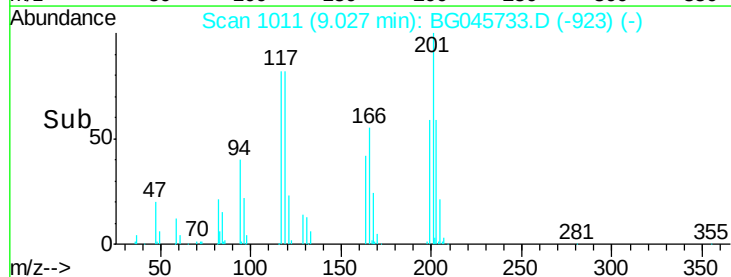
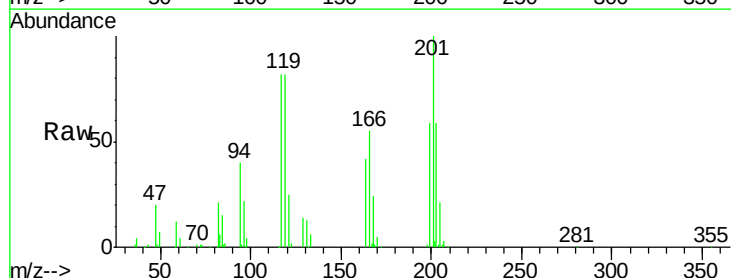
Manual Integrations
APPROVED

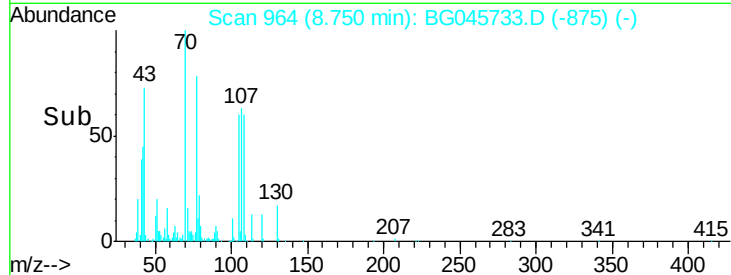
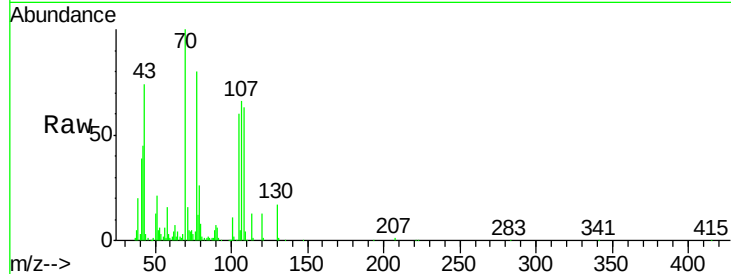
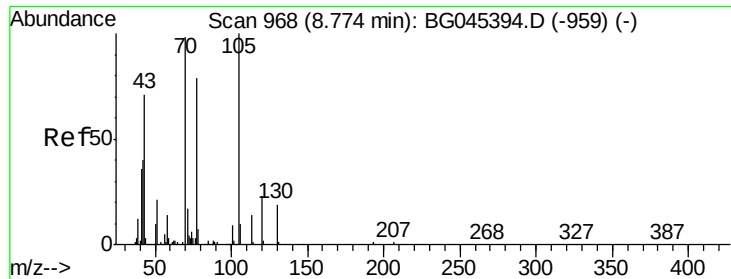
mohammad
6/15/2020 8:44:52 AM



#18
Hexachloroethane
Concen: 49.988 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

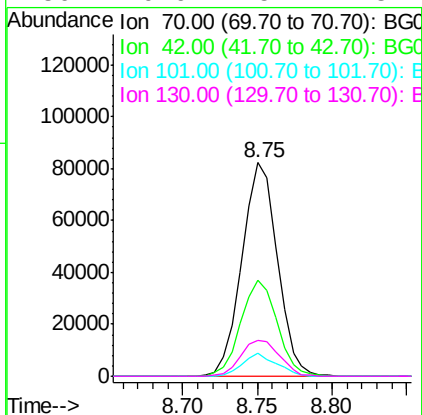
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	100.0	71.3	106.9	
201	201	122.5	87.5	131.3	





#19
n-Nitroso-di-n-propylamine
Concen: 58.741 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

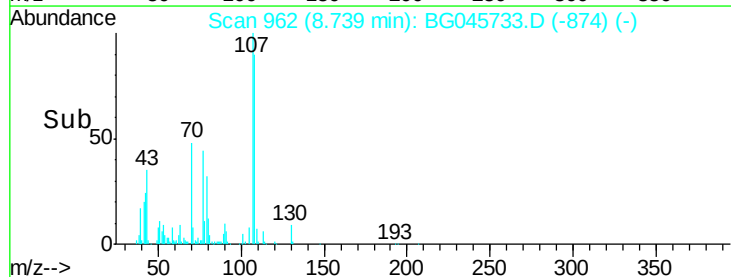
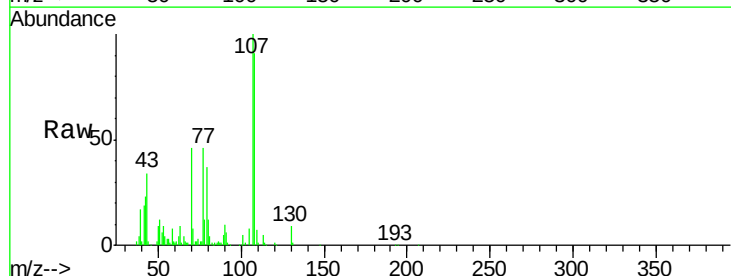
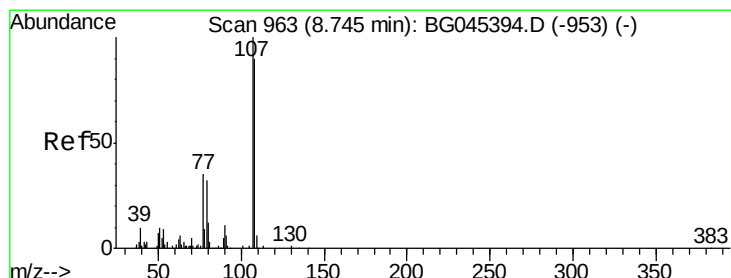
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		135396		
42	45.1	33.2	49.8		
101	10.6	7.8	11.6		
130	16.9	15.4	23.2		



Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

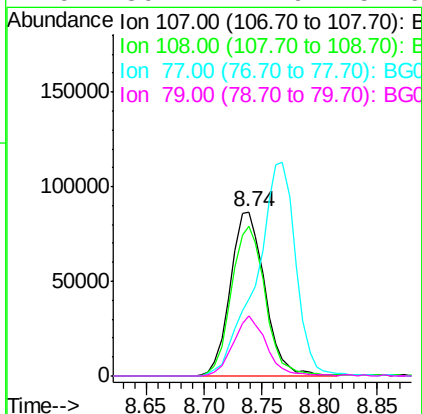
Manual Integrations
APPROVED

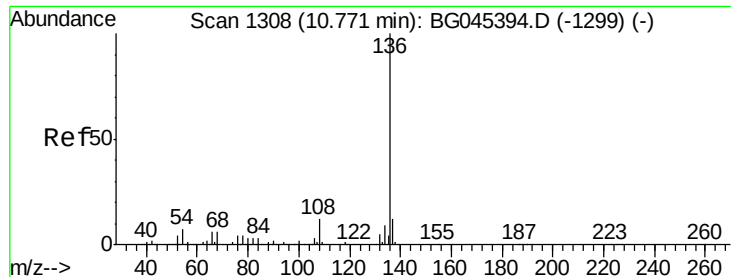
mohammad
6/15/2020 8:44:52 AM



#20
3+4-Methylphenols
Concen: 51.233 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		179392		
108	91.2	70.3	110.3		
77	46.5	15.4	55.4		
79	36.7	12.6	52.6		





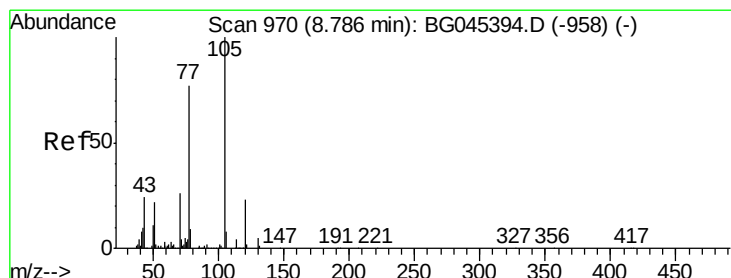
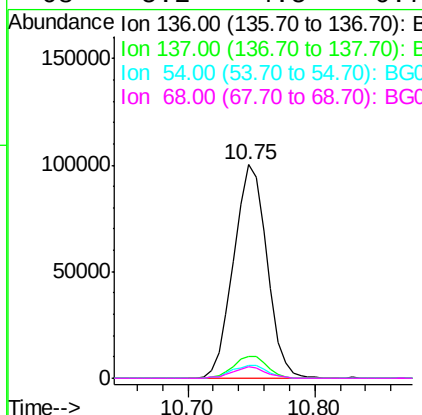
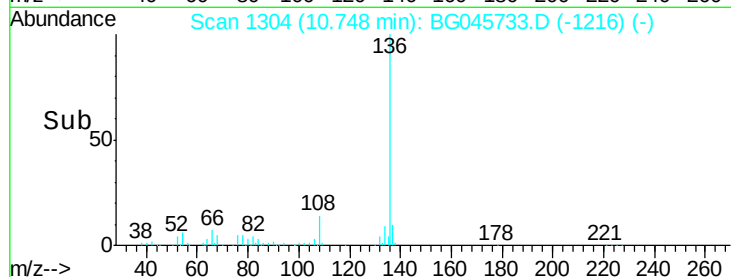
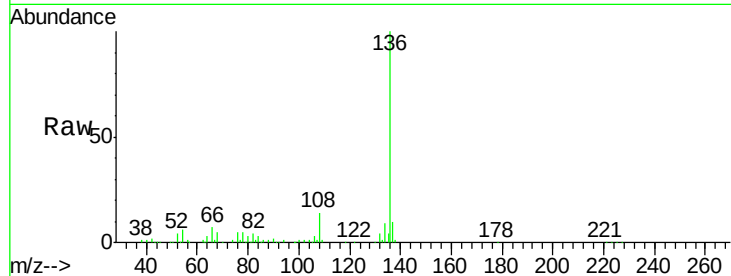
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	182459		
137	10.5		9.4	14.2
54	5.9		5.8	8.6
68	5.2		4.5	6.7

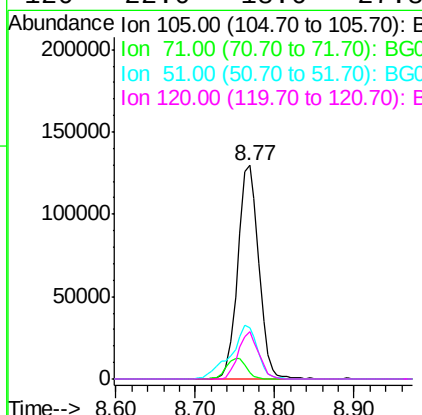
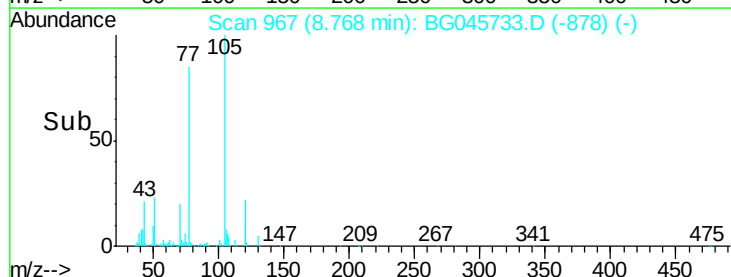
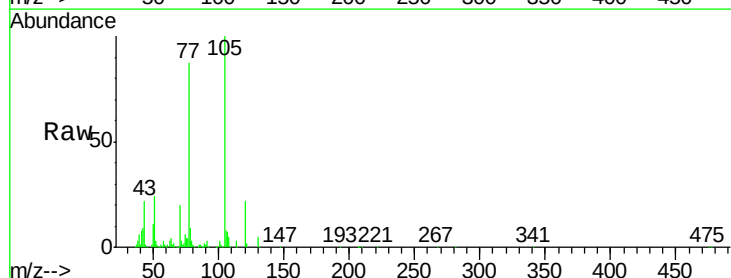
Manual Integrations
APPROVED

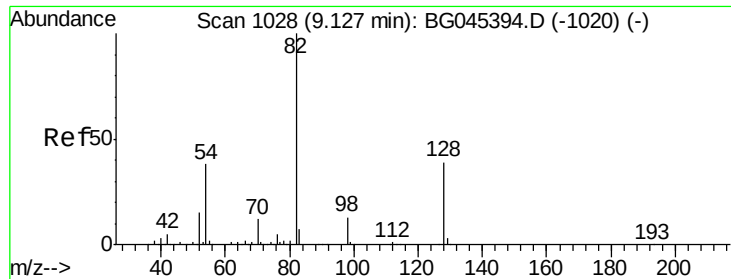
mohammad
6/15/2020 8:44:52 AM



#22
Acetophenone
Concen: 54.772 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	236859		
71	2.8		3.4	5.0#
51	23.8		18.2	27.2
120	22.0		18.6	27.8





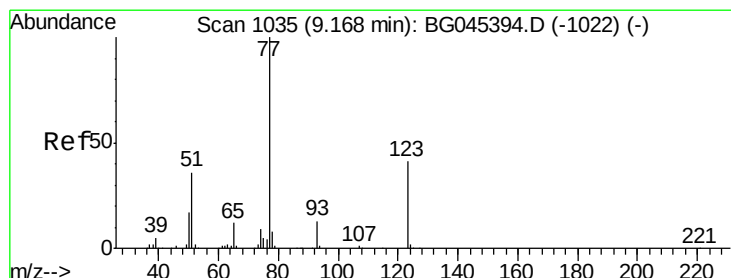
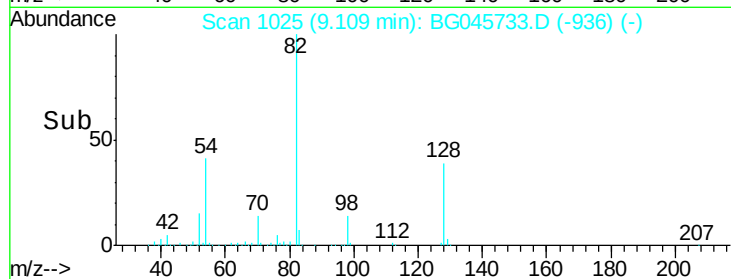
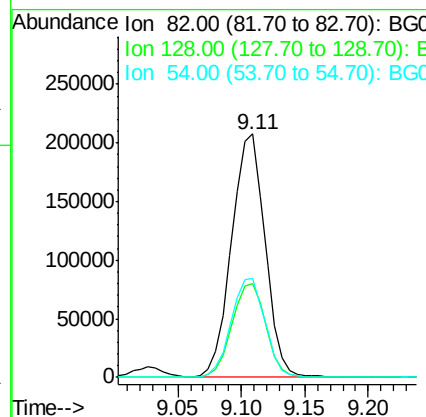
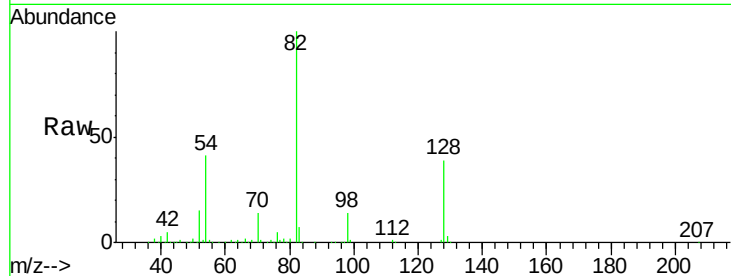
#23
 Nitrobenzene-d5
 Concen: 113.107 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	378450		
128	38.8	30.9	46.3	
54	40.6	30.3	45.5	

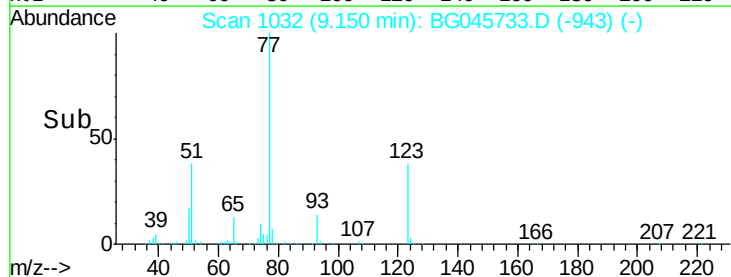
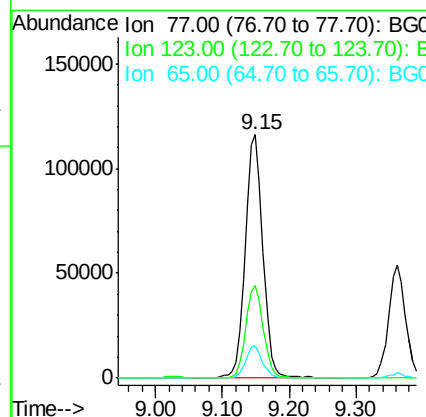
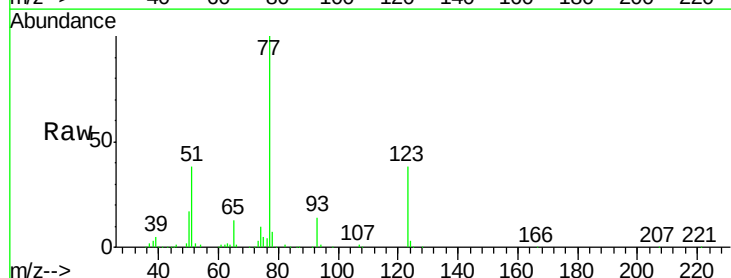
Manual Integrations
 APPROVED

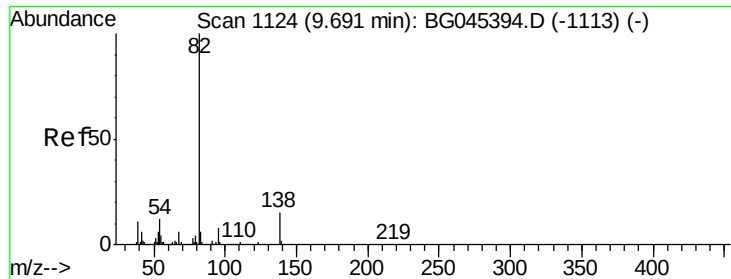
mohammad
 6/15/2020 8:44:52 AM



#24
 Nitrobenzene
 Concen: 59.219 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	212289		
123	38.2	32.9	49.3	
65	13.2	9.4	14.2	





#25

Isophorone

Concen: 56.692 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

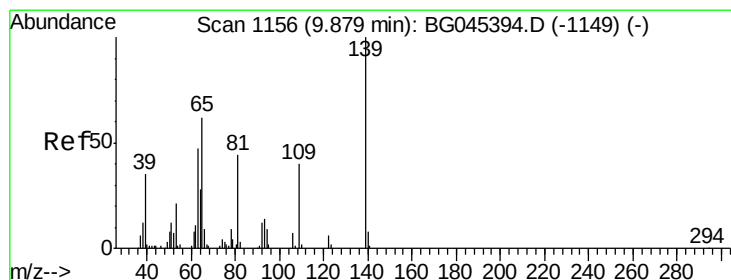
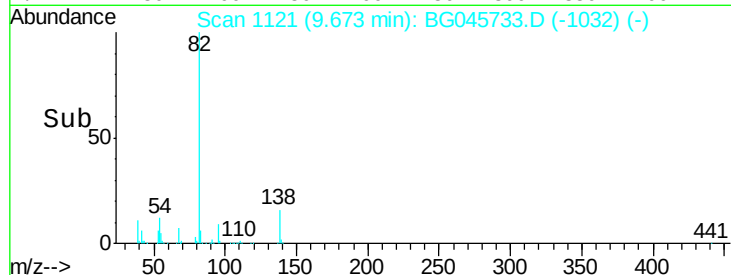
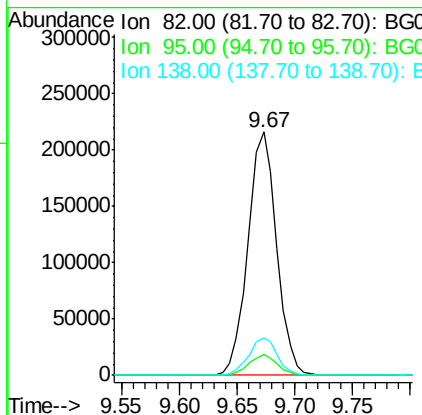
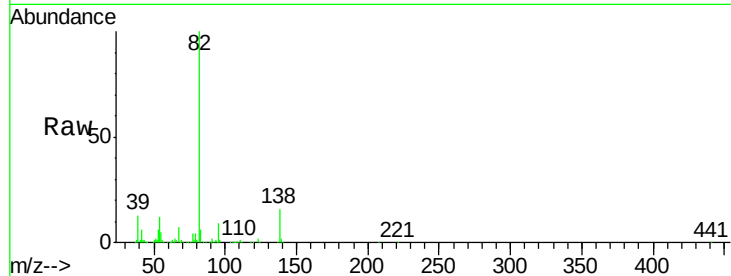
ClientSampleId :

CL-02-060920MSD

Tot Ion:	82	Resp:	373569
Ion Ratio		Lower	Upper
82	100		
95	8.8	6.7	10.1
138	15.5	12.2	18.4

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#26

2-Nitrophenol

Concen: 57.099 ng

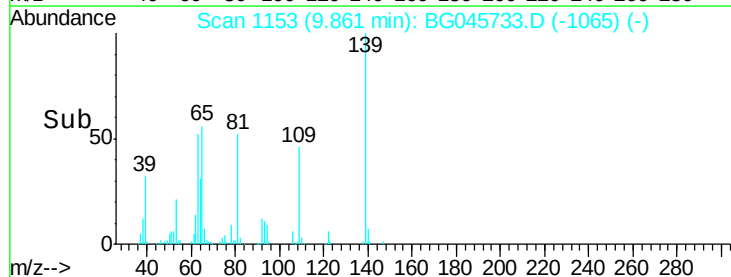
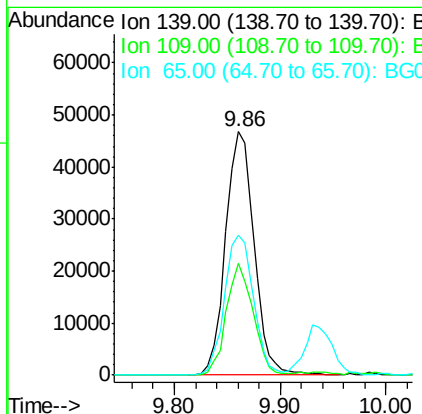
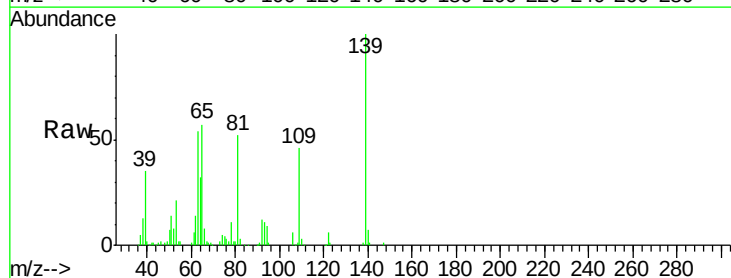
RT: 9.86 min Scan# 1153

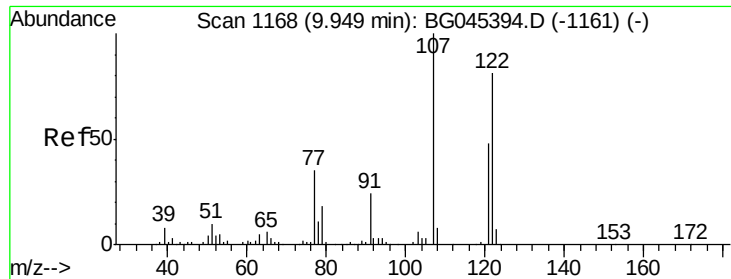
Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion:	139	Resp:	87562
Ion Ratio		Lower	Upper
139	100		
109	46.0	32.2	48.4
65	57.5	49.6	74.4





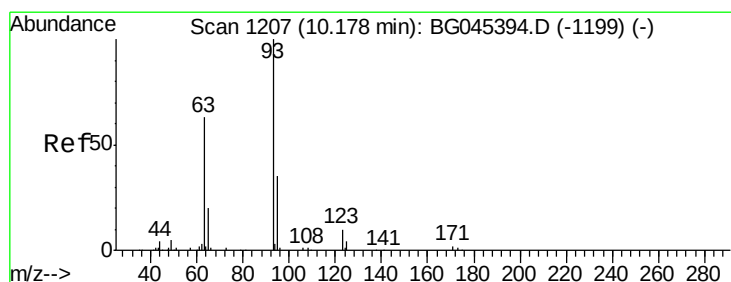
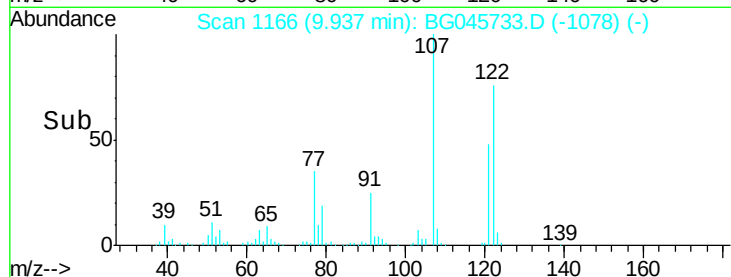
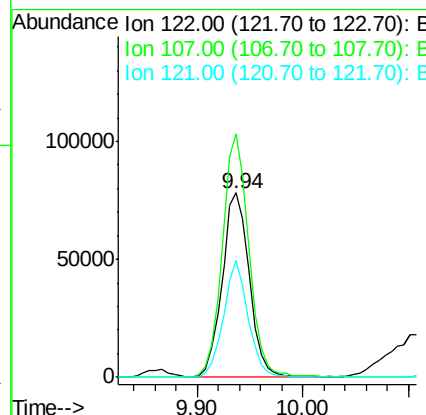
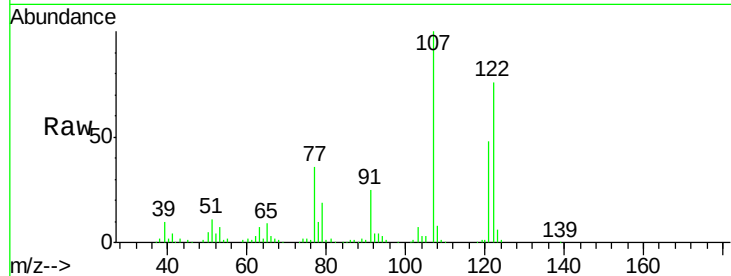
#27
2,4-Dimethylphenol
Concen: 61.598 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	140102		
107	131.9	99.0	148.4	
121	63.2	47.7	71.5	

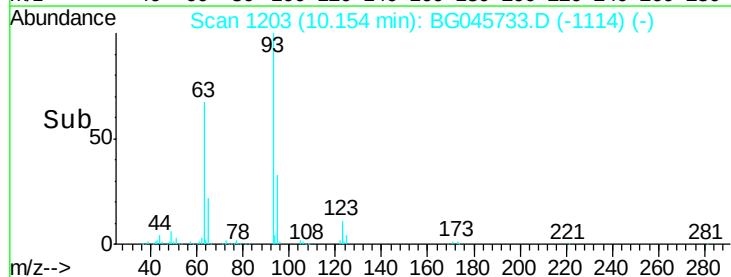
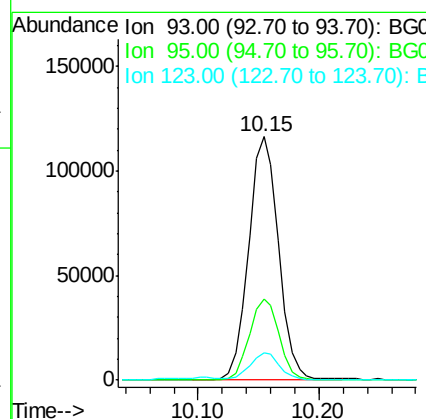
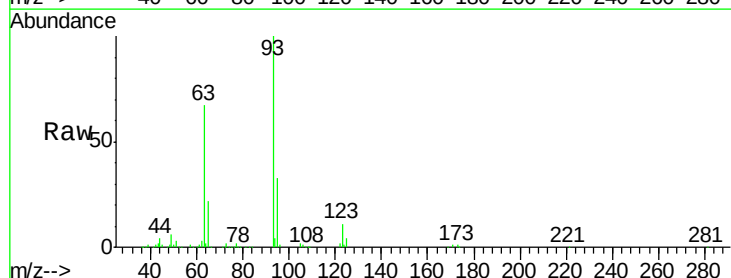
Manual Integrations
APPROVED

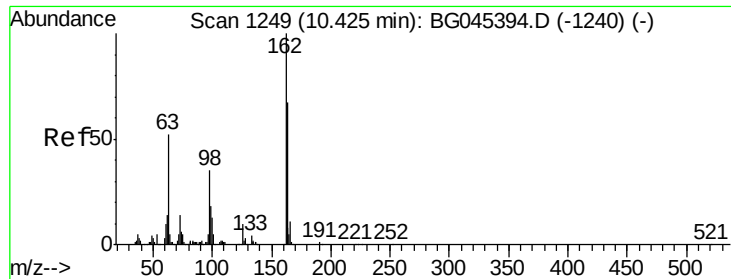
mohammad
6/15/2020 8:44:52 AM



#28
bis(2-Chloroethoxy)methane
Concen: 58.115 ng
RT: 10.15 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	200829		
95	33.4	27.6	41.4	
123	11.3	8.1	12.1	





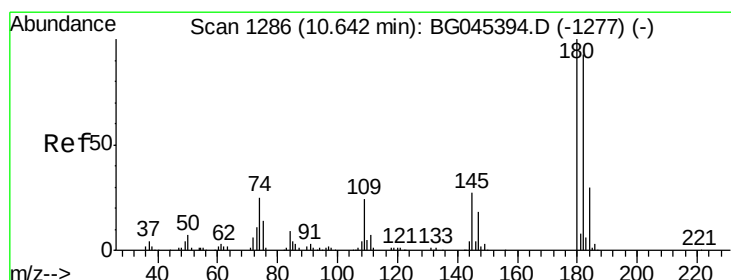
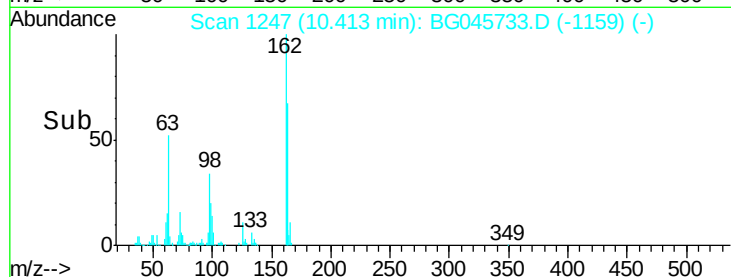
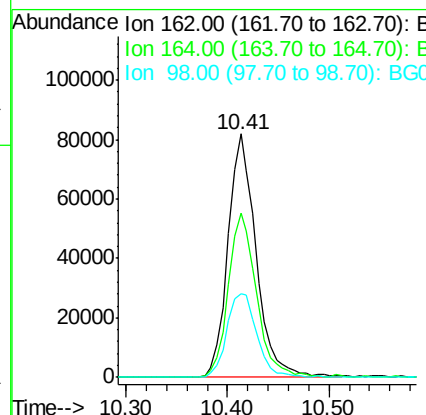
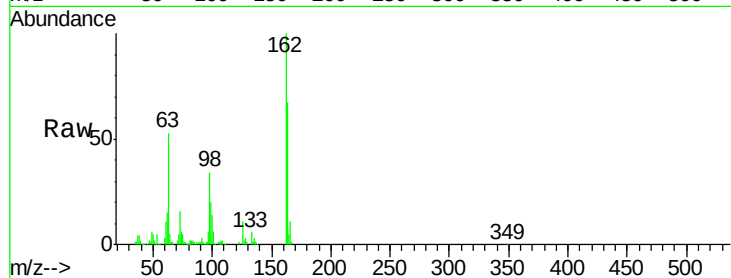
#29
 2,4-Dichlorophenol
 Concen: 58.587 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.3	46.8	86.8
98	34.5	15.2	55.2

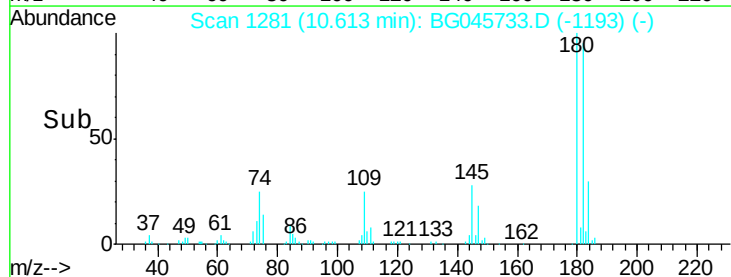
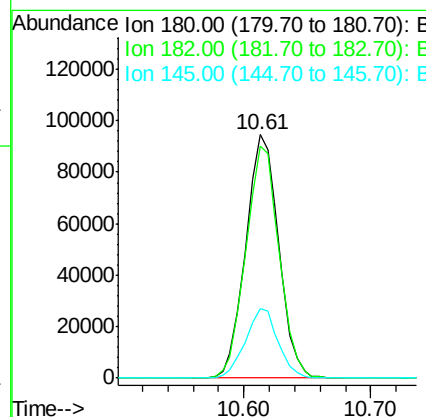
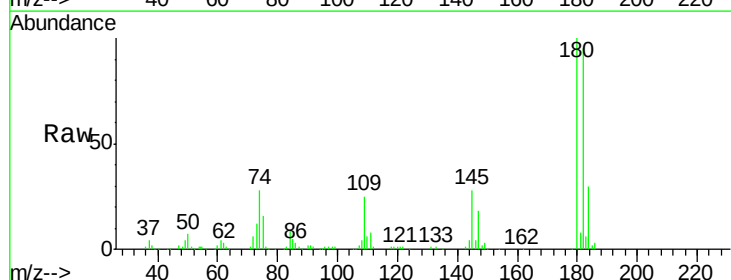
Manual Integrations
 APPROVED

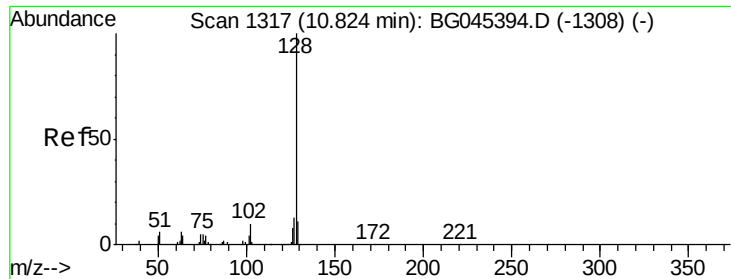
mohammad
 6/15/2020 8:44:52 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 53.796 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	74.8	112.2
145	28.3	21.9	32.9





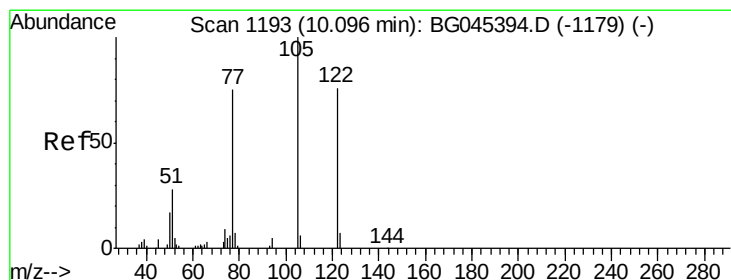
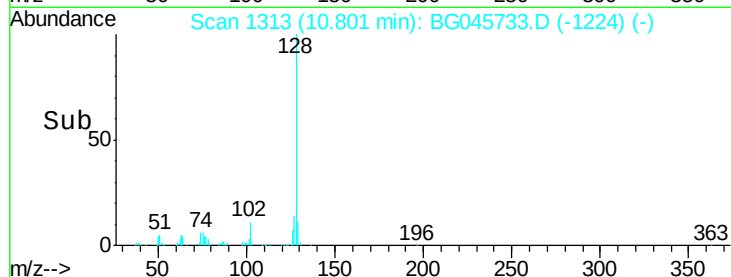
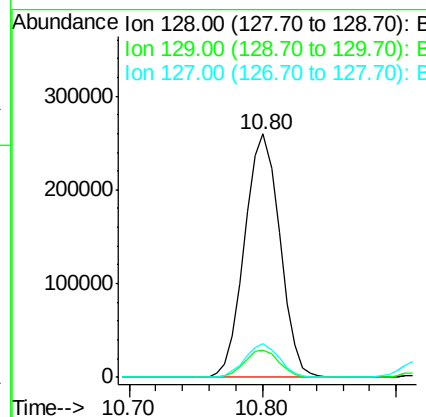
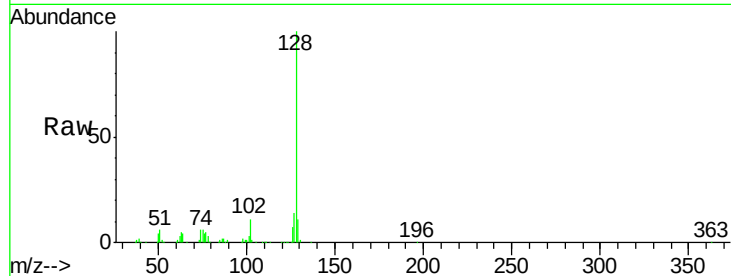
#31
Naphthalene
Concen: 55.777 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	474240		
129	11.3		9.0	13.6
127	14.0		10.7	16.1

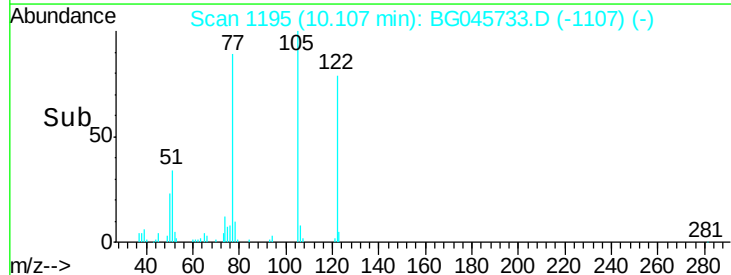
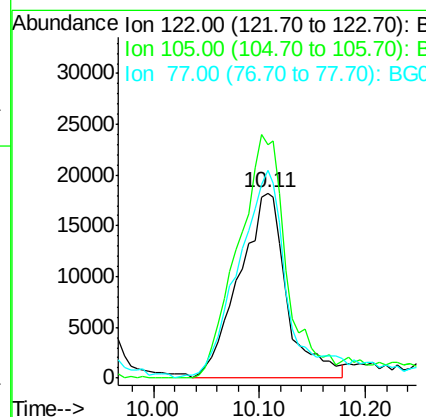
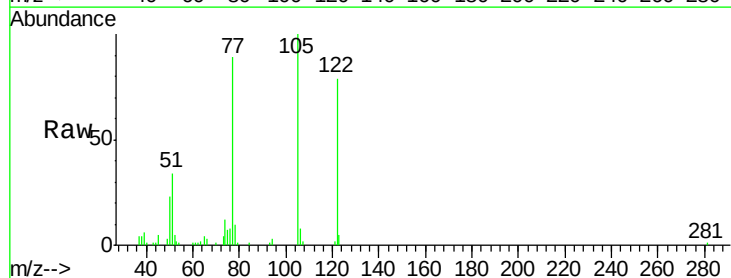
Manual Integrations
APPROVED

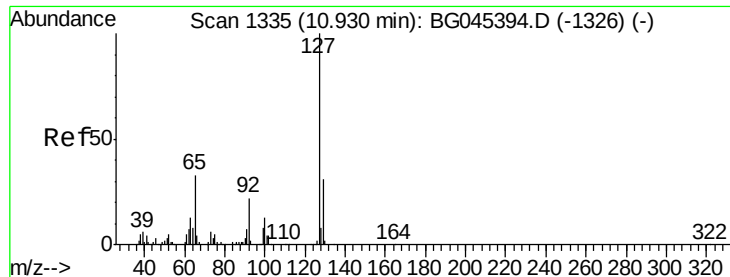
mohammad
6/15/2020 8:44:52 AM



#32
Benzoic acid
Concen: 39.457 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	57548		
105	125.9		107.9	147.9
77	112.5		78.9	118.9





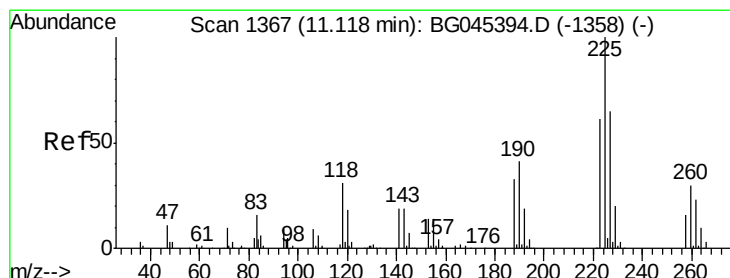
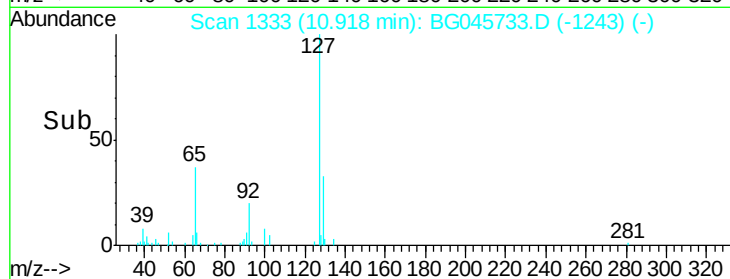
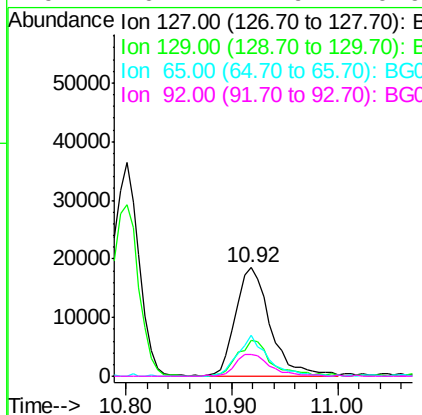
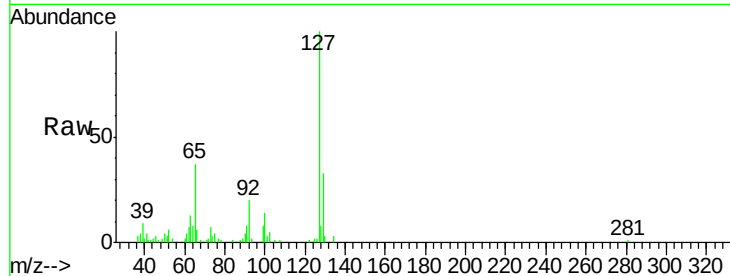
#33
4-Chloroaniline
Concen: 11.936 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		42422		
129	33.4	24.7	37.1		
65	37.3	26.2	39.2		
92	20.4	17.9	26.9		

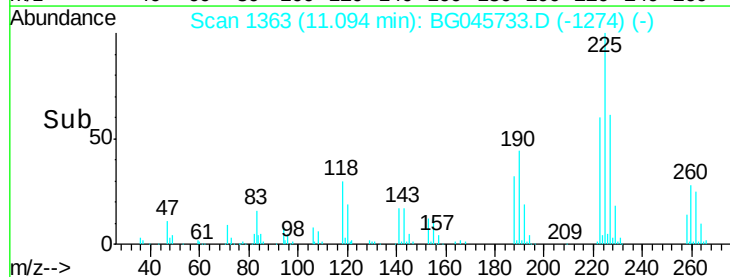
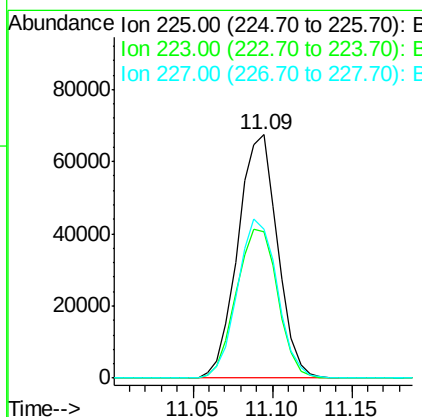
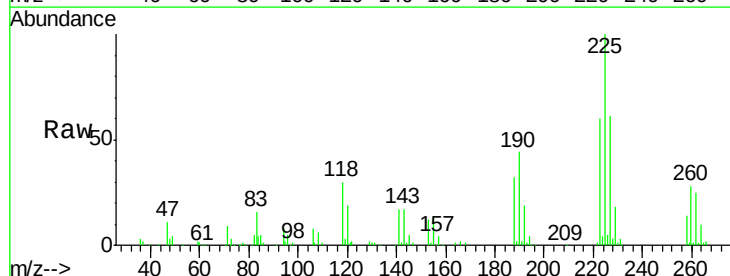
Manual Integrations
APPROVED

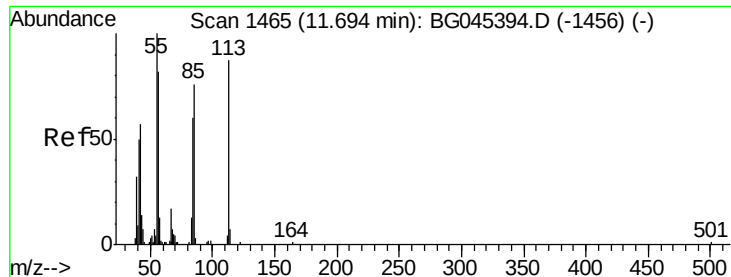
mohammad
6/15/2020 8:44:52 AM



#34
Hexachlorobutadiene
Concen: 52.104 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		116891		
223	59.9	49.1	73.7		
227	61.2	52.0	78.0		





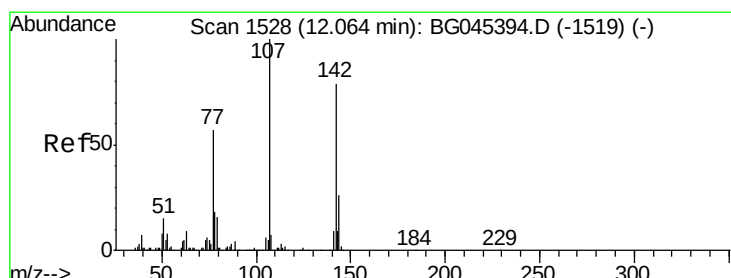
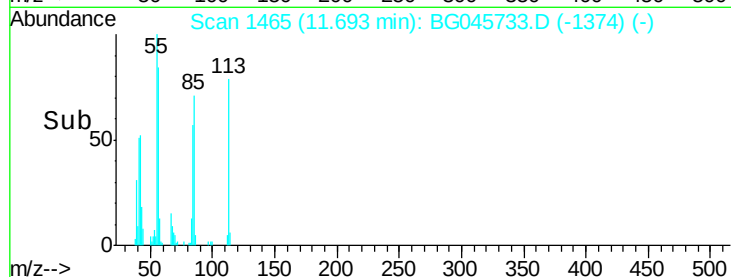
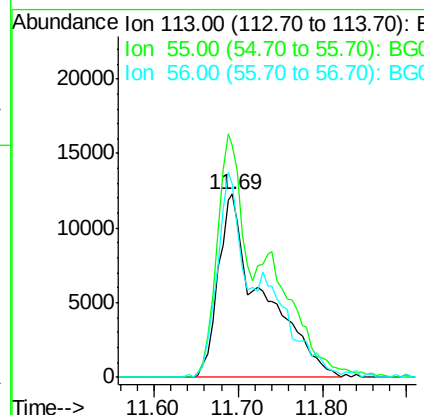
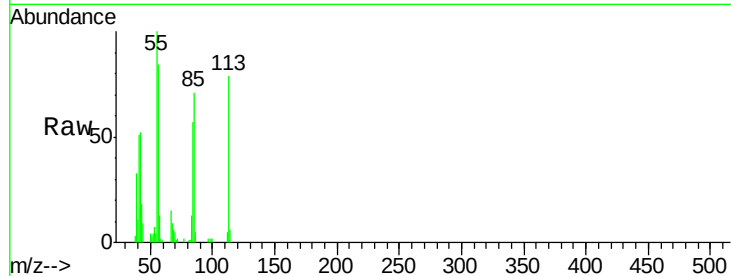
#35
 Caprolactam
 Concen: 45.687 ng/ml
 RT: 11.69 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	127.0	96.0	136.0
56	106.1	75.1	115.1

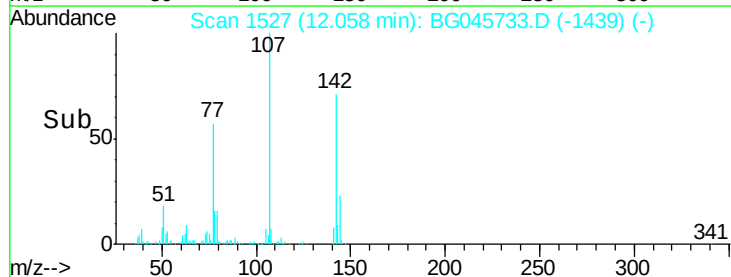
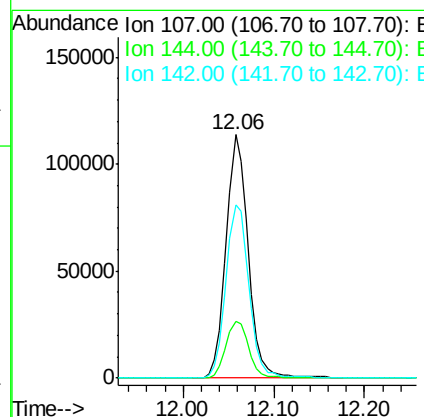
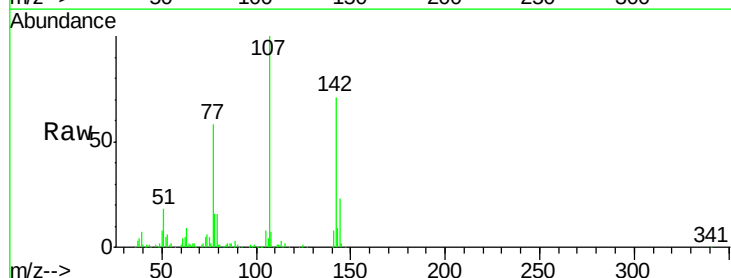
Manual Integrations
 APPROVED

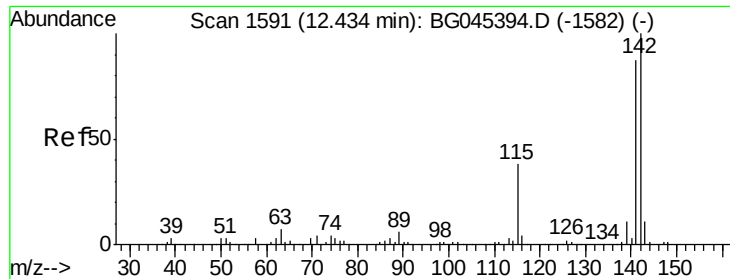
mohammad
 6/15/2020 8:44:52 AM



#36
 4-Chloro-3-methylphenol
 Concen: 63.702 ng/ml
 RT: 12.06 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.2	20.8	31.2
142	71.4	62.8	94.2





#37

2-Methylnaphthalene

Concen: 58.343 ng

RT: 12.41 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

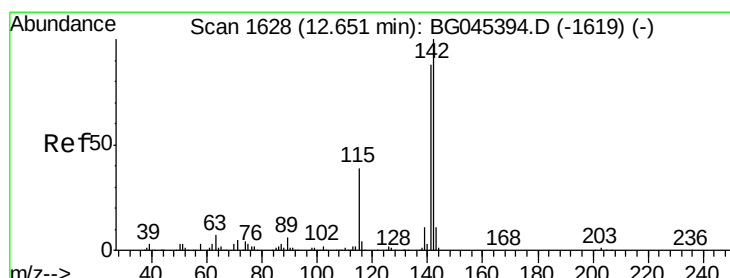
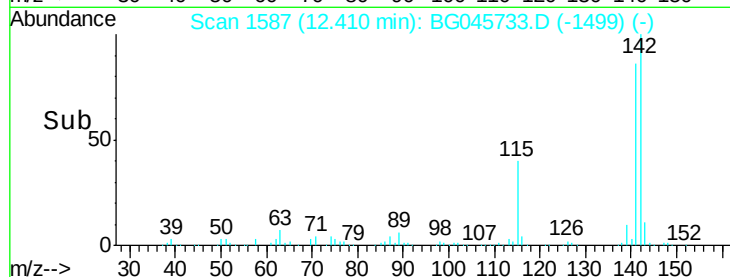
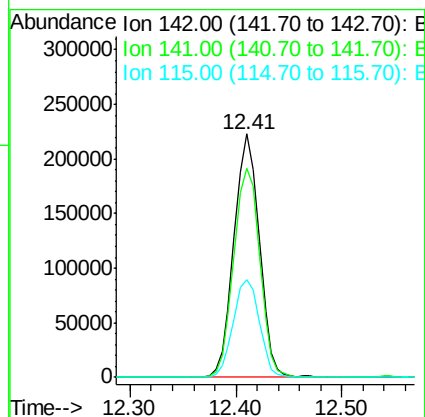
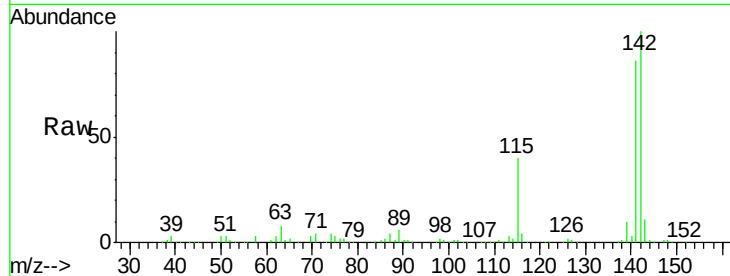
ClientSampleId :

CL-02-060920MSD

Tot Ion:	142	Resp:	369729
Ion Ratio	Lower	Upper	
142	100		
141	85.9	70.0	105.0
115	40.3	30.8	46.2

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#38

1-Methylnaphthalene

Concen: 58.458 ng m

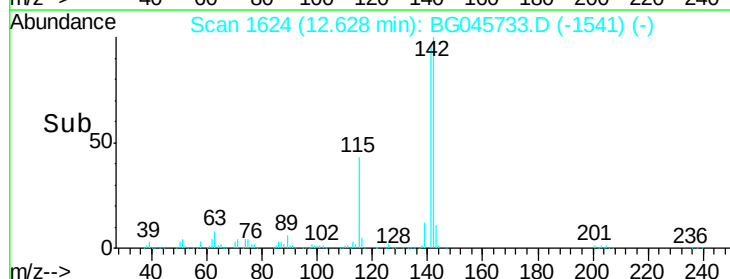
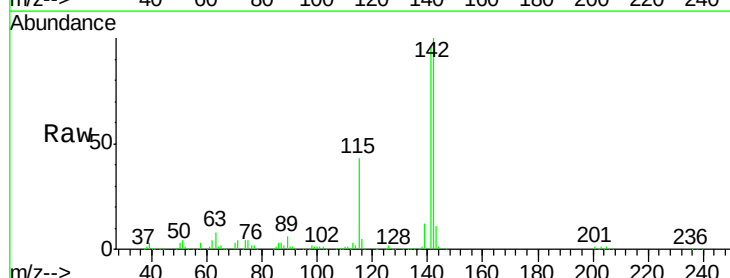
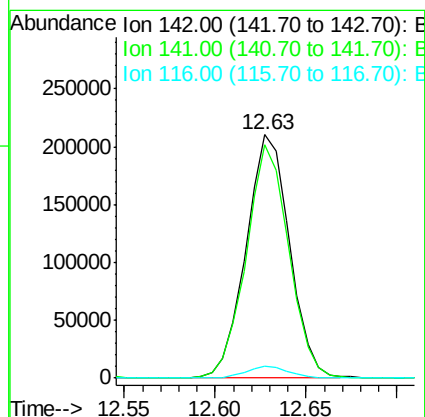
RT: 12.63 min Scan# 1624

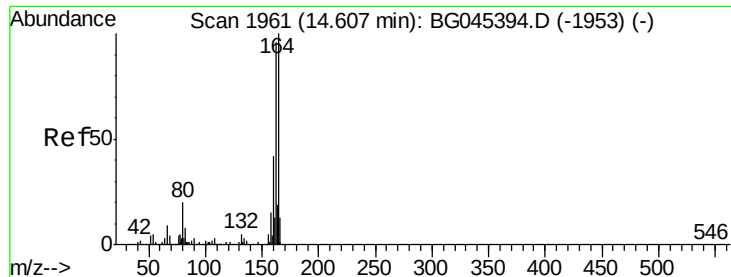
Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion:	142	Resp:	349949
Ion Ratio	Lower	Upper	
142	100		
141	95.6	70.8	106.2
116	4.7	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

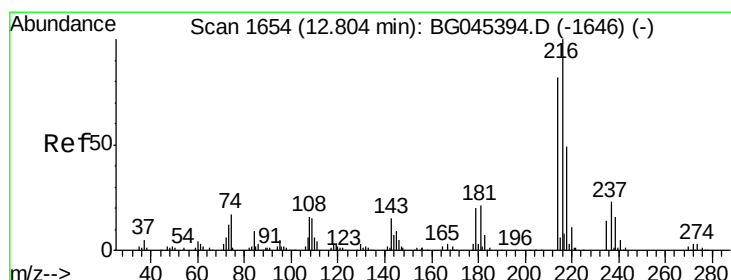
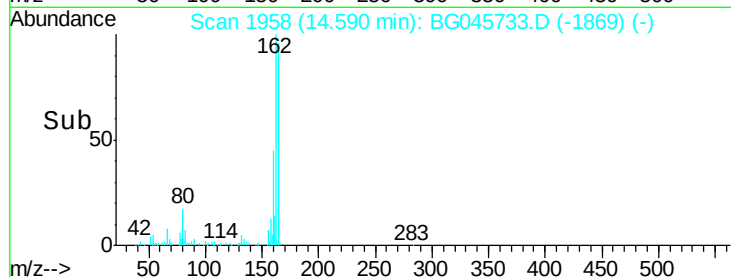
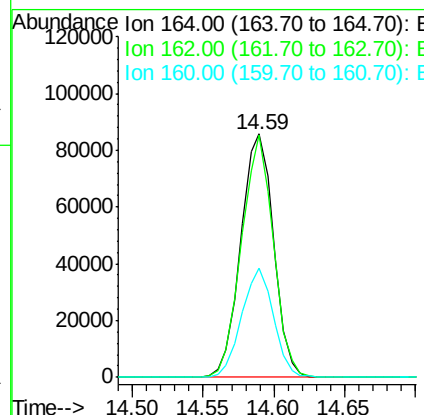
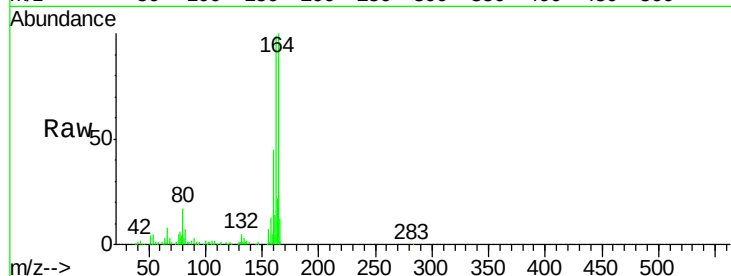
ClientSampleId :

CL-02-060920MSD

Tot Ion:	164	Resp:	139195
Ion Ratio	Lower	Upper	
164	100		
162	99.3	76.9	115.3
160	44.8	33.8	50.8

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.921 ng

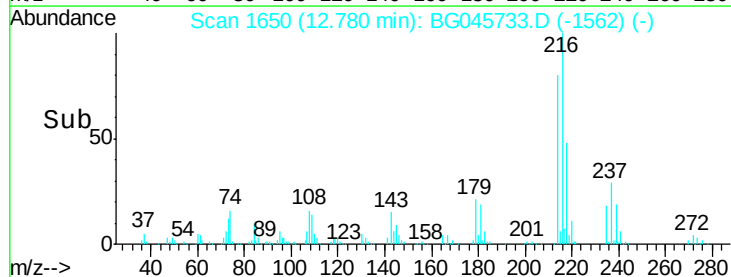
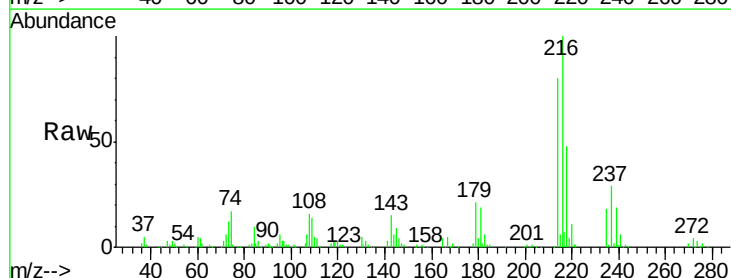
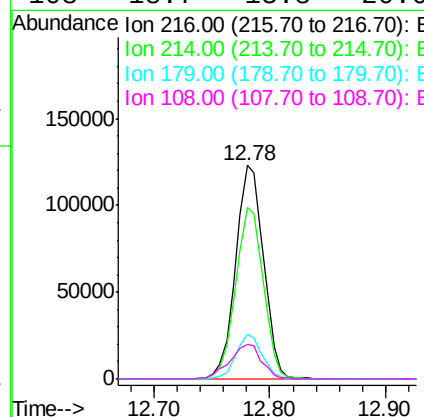
RT: 12.78 min Scan# 1650

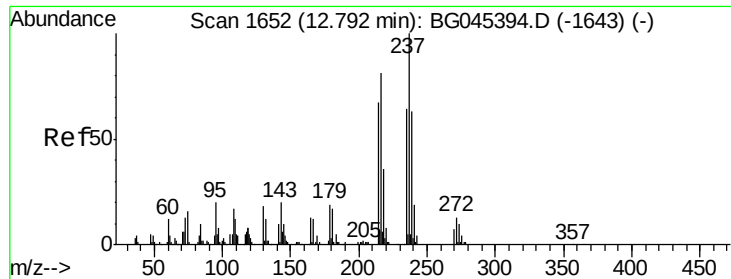
Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion:	216	Resp:	205753
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.7	95.5
179	19.7	16.1	24.1
108	18.7	13.8	20.6





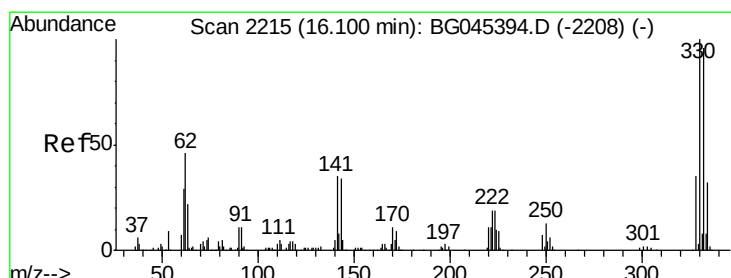
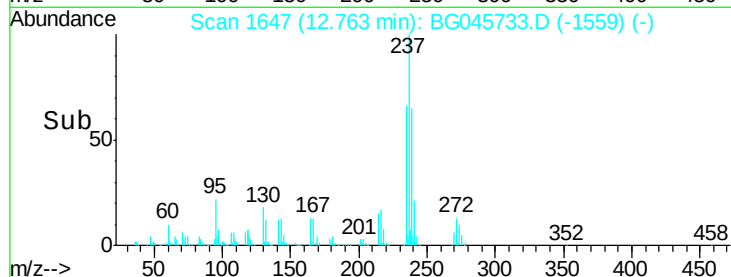
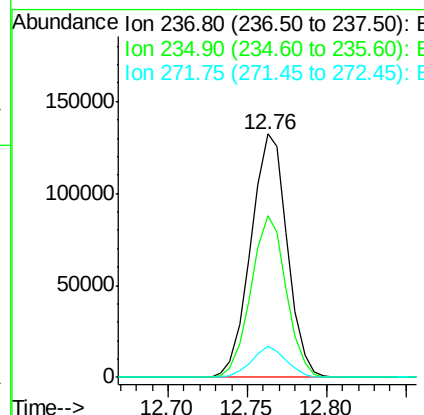
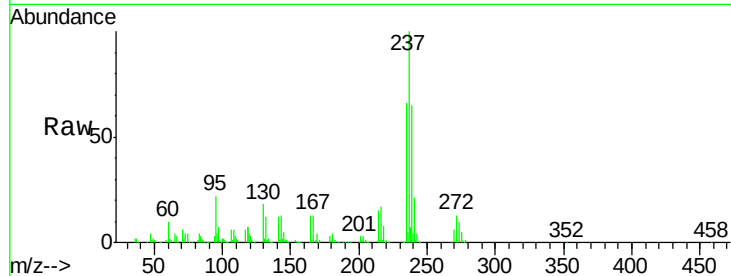
#41
Hexachlorocyclopentadiene
Concen: 93.862 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	66.4	44.4	84.4
272	12.8	0.0	32.5

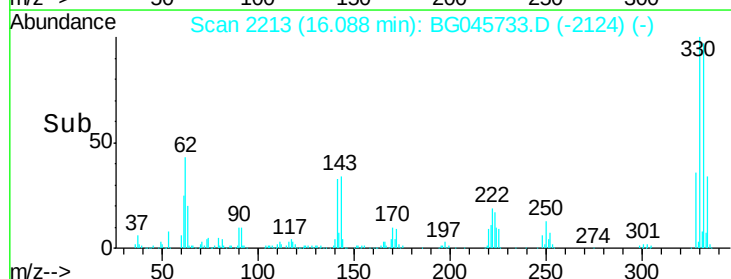
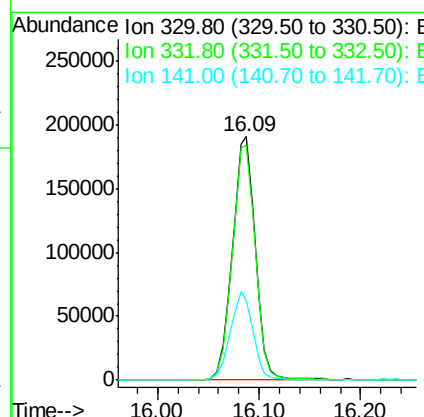
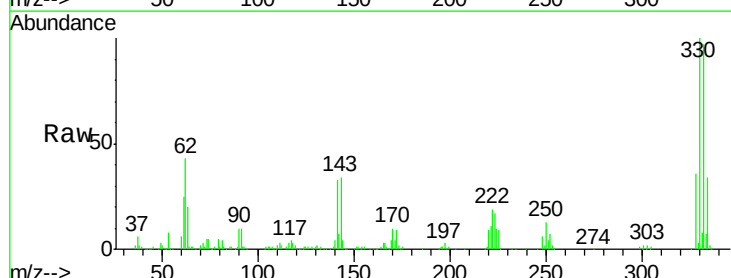
Manual Integrations
APPROVED

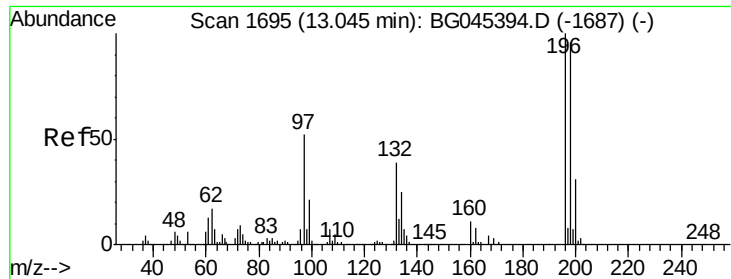
mohammad
6/15/2020 8:44:52 AM



#42
2,4,6-Tribromophenol
Concen: 167.733 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	78.2	117.4
141	36.0	28.2	42.4





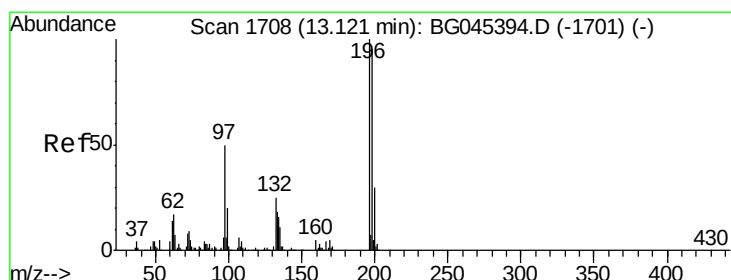
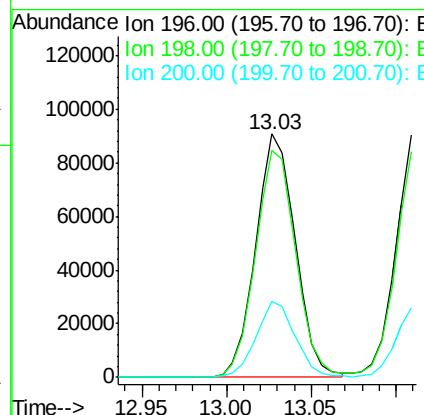
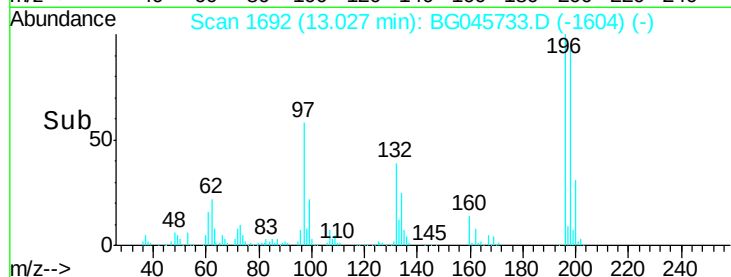
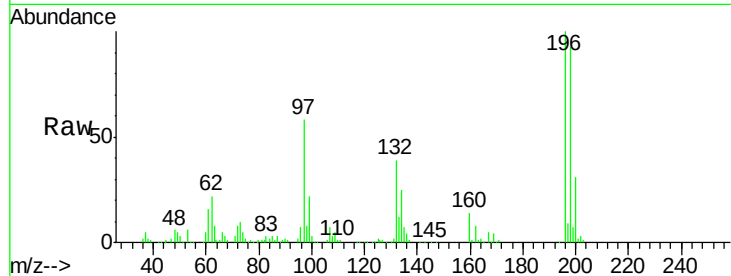
#43
2,4,6-Trichlorophenol
Concen: 54.798 ng
RT: 13.03 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	147998		
198	93.0	76.7	115.1	
200	31.2	24.9	37.3	

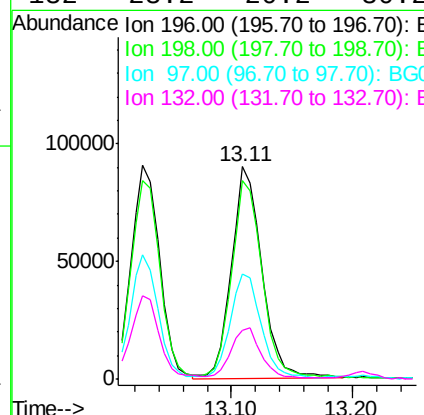
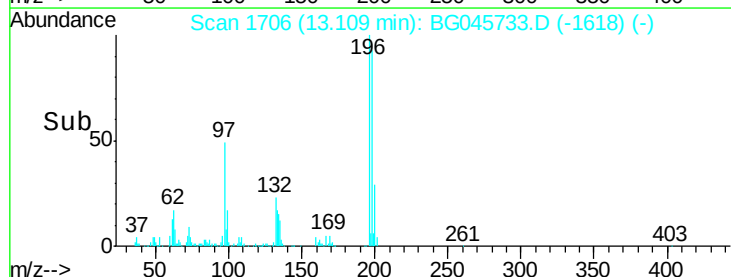
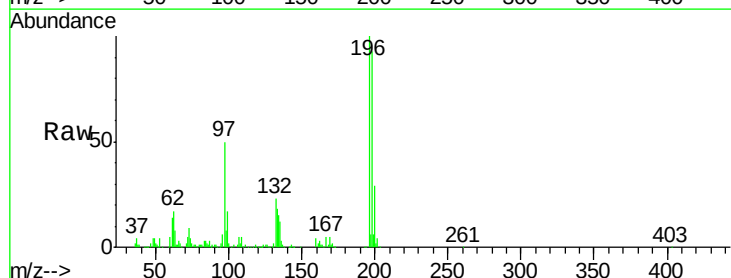
Manual Integrations
APPROVED

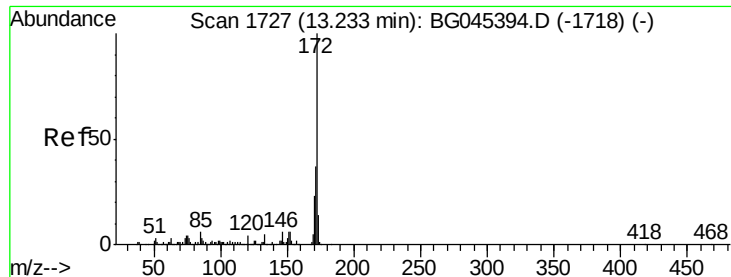
mohammad
6/15/2020 8:44:52 AM



#44
2,4,5-Trichlorophenol
Concen: 50.743 ng
RT: 13.11 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156610		
198	93.4	76.1	114.1	
97	49.6	40.0	60.0	
132	23.2	20.2	30.2	





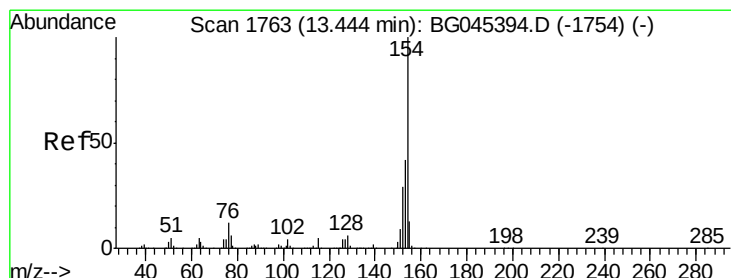
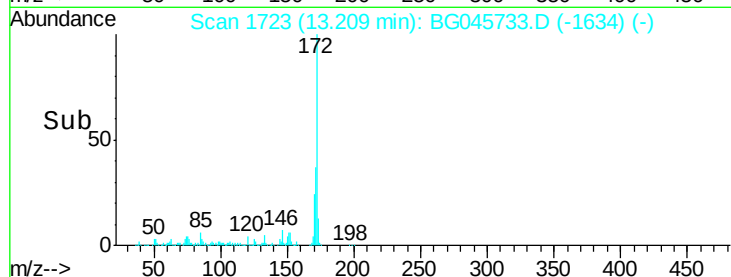
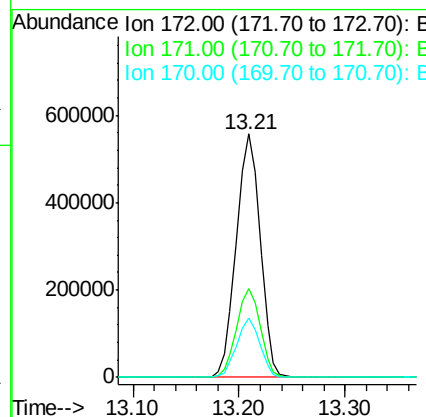
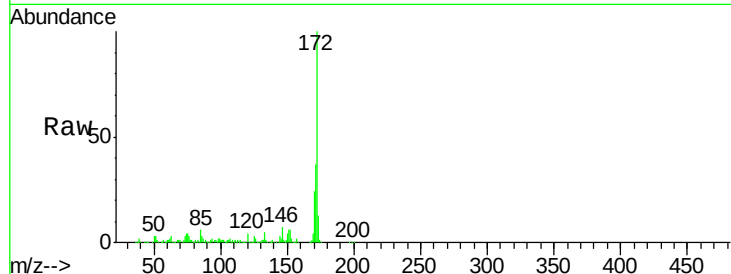
#45
2-Fluorobiphenyl
Concen: 106.103 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	24.1	18.5	27.7

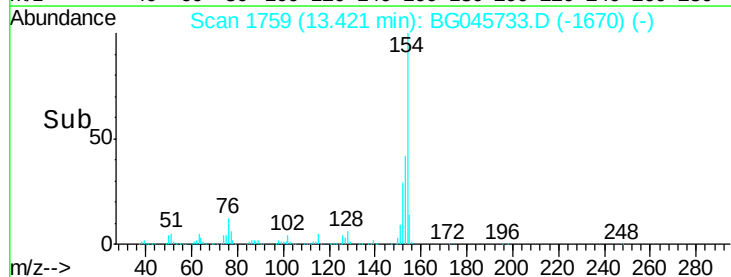
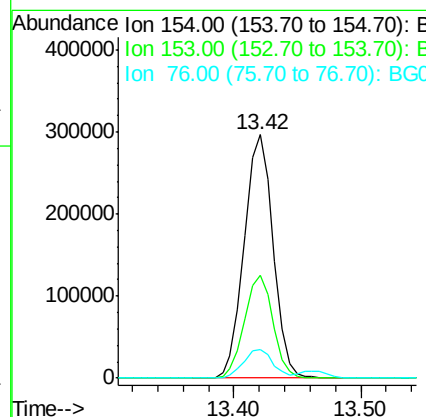
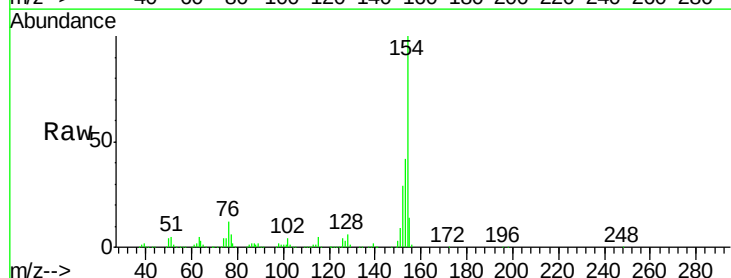
Manual Integrations
APPROVED

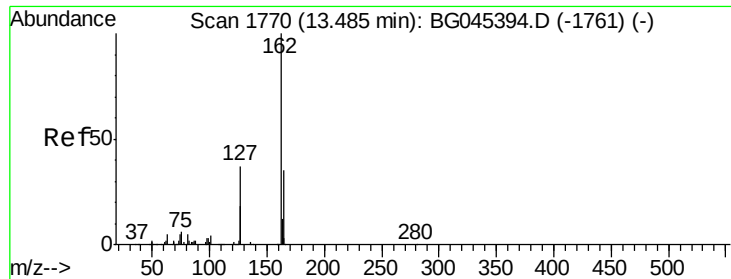
mohammad
6/15/2020 8:44:52 AM



#46
1,1'-Biphenyl
Concen: 54.837 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.2	62.2
76	11.8	0.0	32.4





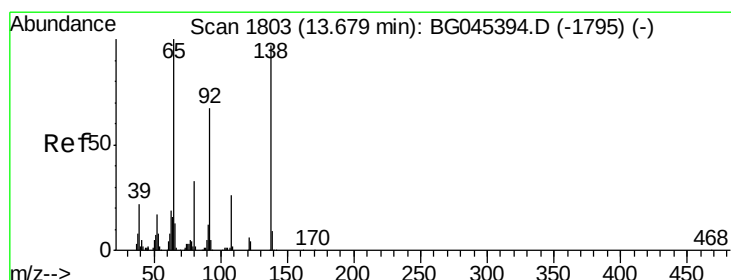
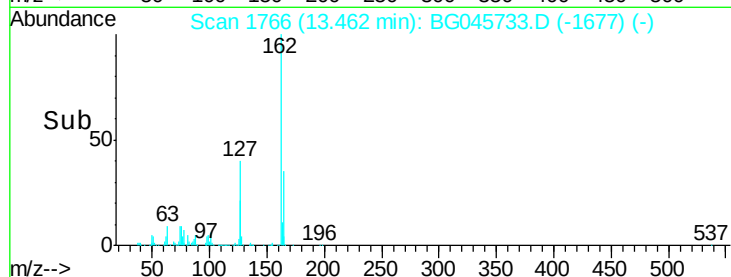
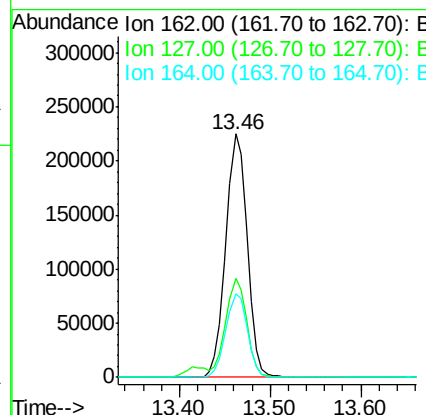
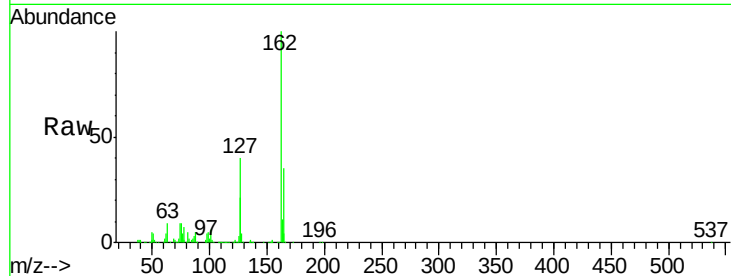
#47
 2-Chloronaphthalene
 Concen: 53.223 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.6	47.4
164	34.6	28.1	42.1

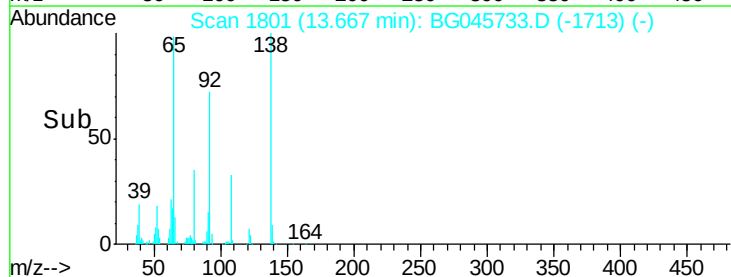
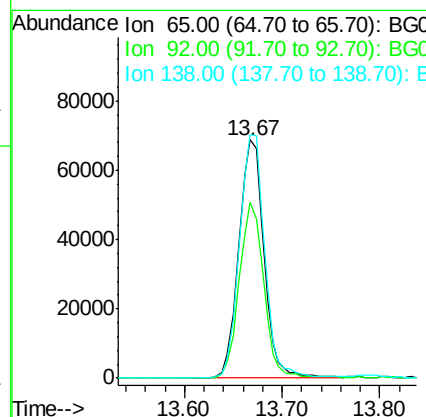
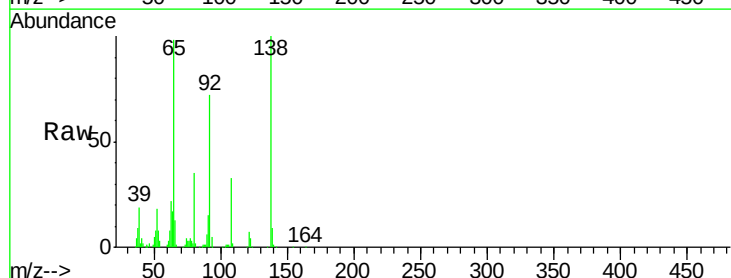
Manual Integrations
 APPROVED

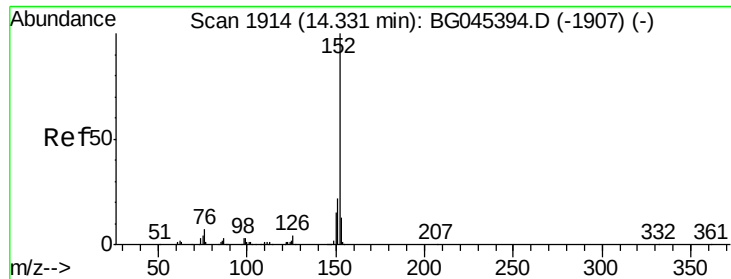
mohammad
 6/15/2020 8:44:52 AM



#48
 2-Nitroaniline
 Concen: 54.120 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	53.8	80.8
138	102.1	77.9	116.9





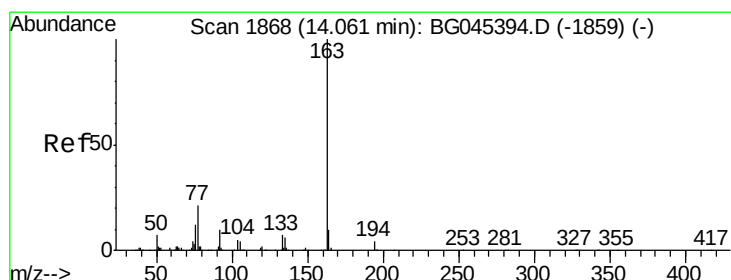
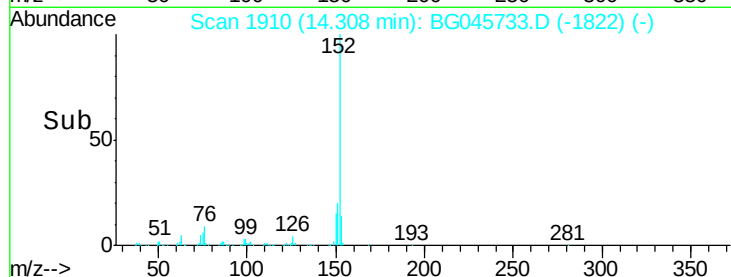
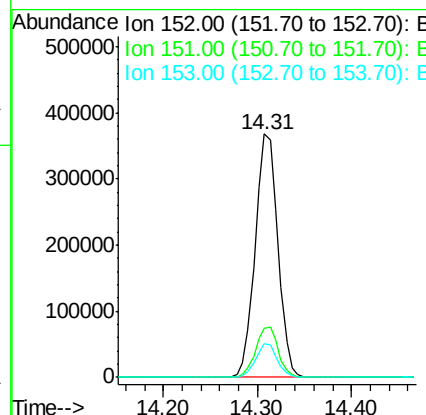
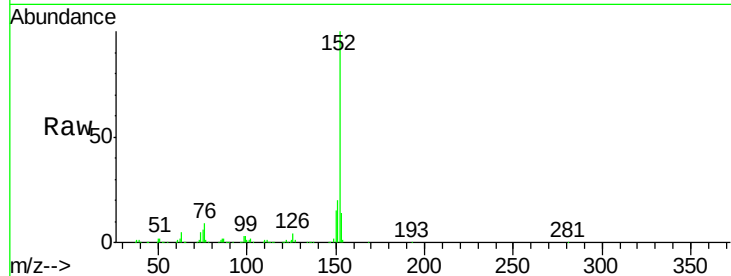
#49
Acenaphthylene
Concen: 55.129 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	19.9	17.4	26.2
153	14.0	10.7	16.1

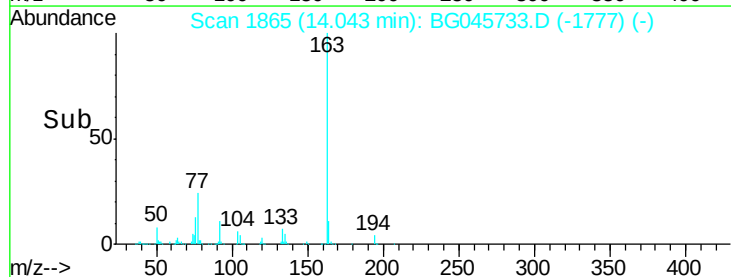
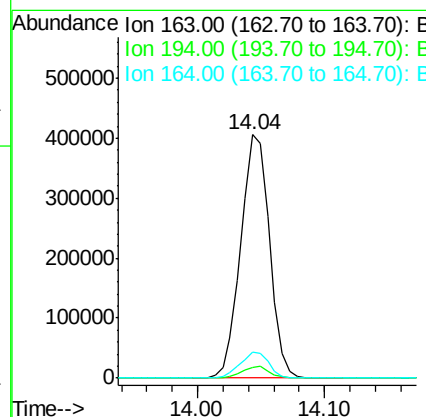
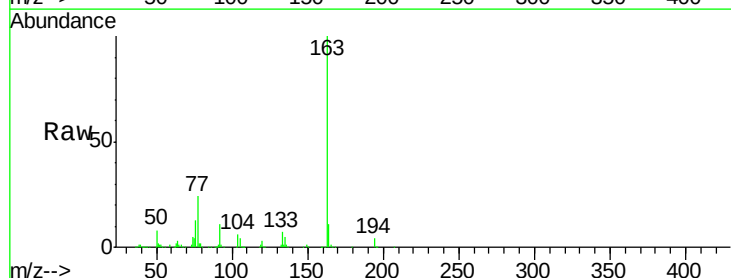
Manual Integrations
APPROVED

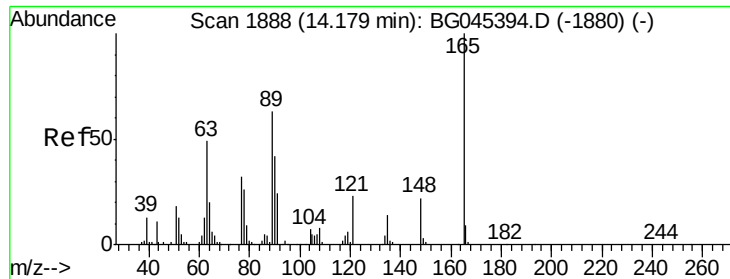
mohammad
6/15/2020 8:44:52 AM



#50
Dimethylphthalate
Concen: 66.570 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.8	8.3	12.5





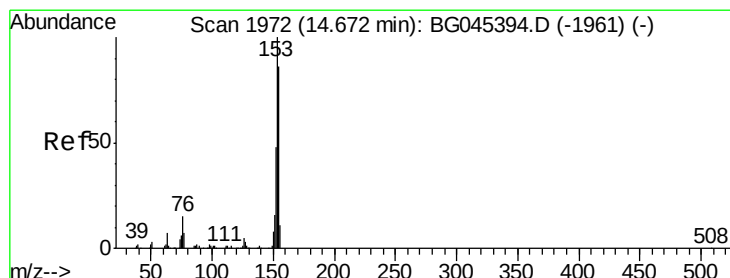
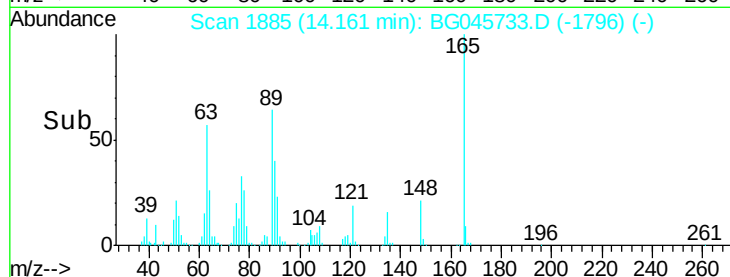
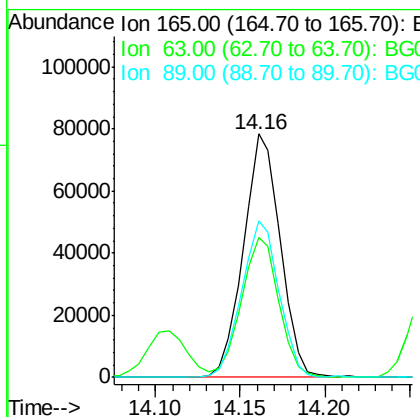
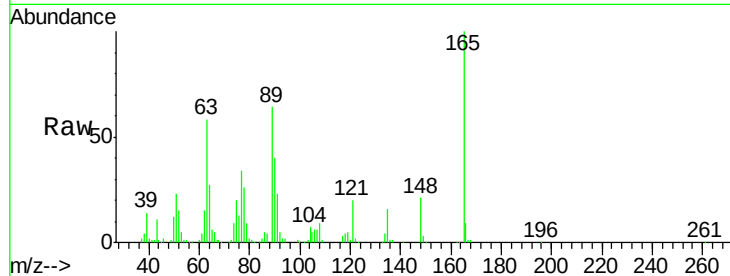
#51
 2,6-Dinitrotoluene
 Concen: 55.141 ng
 RT: 14.16 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	118811		
63	57.7	45.0	67.4	
89	64.4	50.2	75.4	

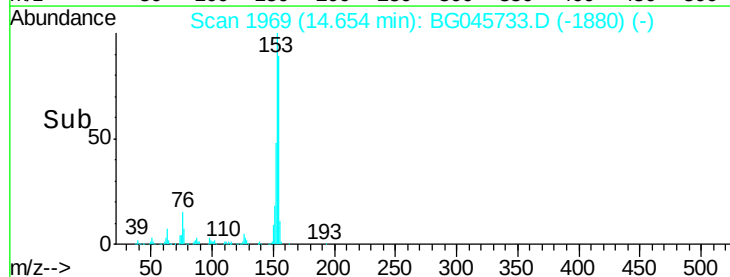
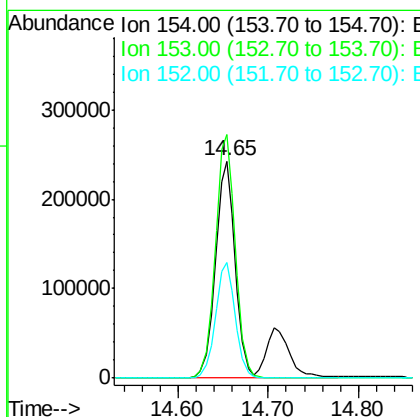
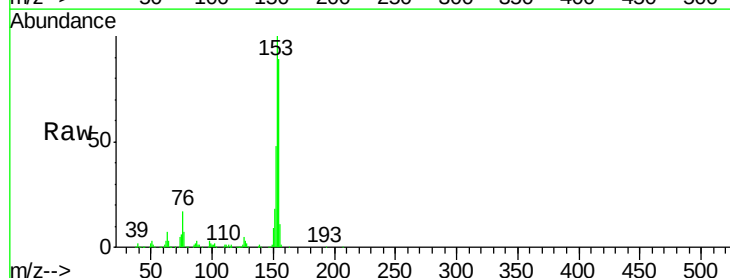
Manual Integrations
 APPROVED

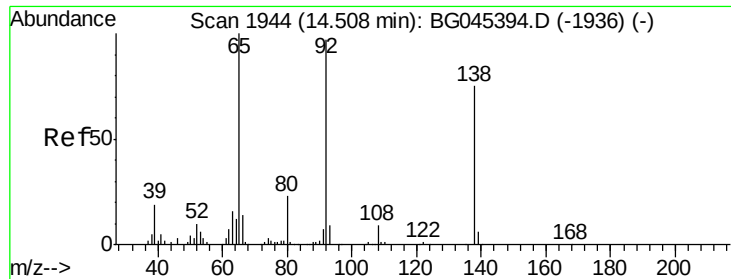
mohammad
 6/15/2020 8:44:52 AM



#52
 Acenaphthene
 Concen: 63.025 ng m
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	470640		
153	112.3	92.8	139.2	
152	53.6	44.6	66.8	





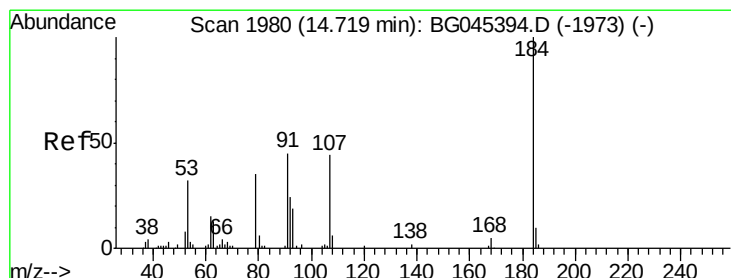
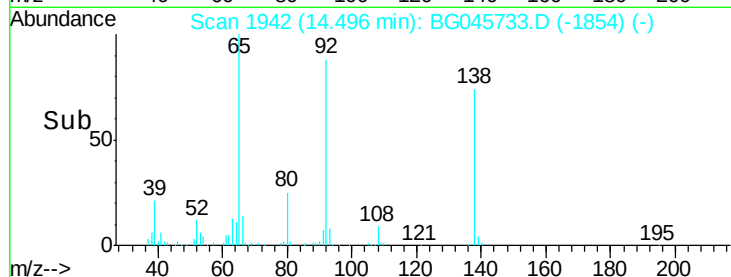
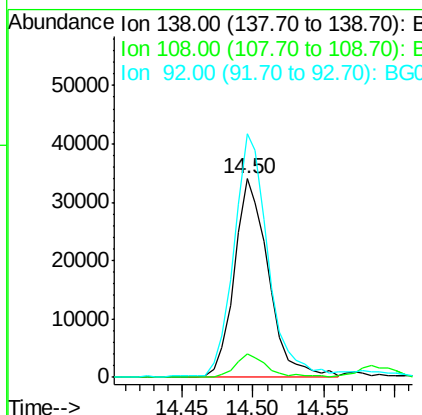
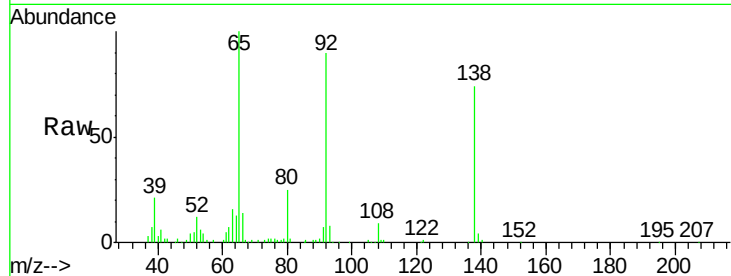
#53
3-Nitroaniline
Concen: 26.240 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.8	14.6
92	122.7	103.0	154.4

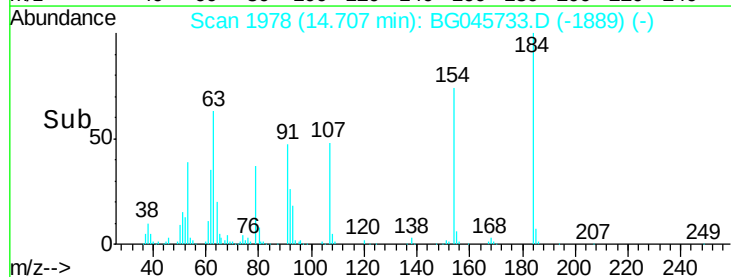
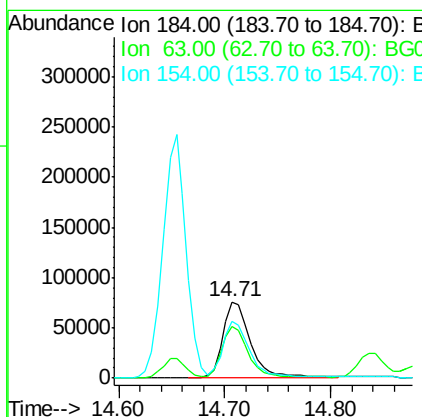
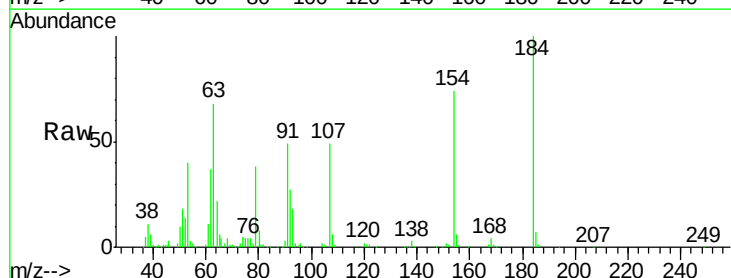
Manual Integrations
APPROVED

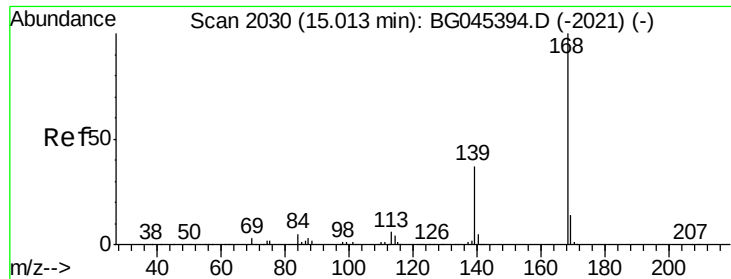
mohammad
6/15/2020 8:44:52 AM



#54
2,4-Dinitrophenol
Concen: 97.763 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.0	47.8	71.6
154	74.2	58.3	87.5





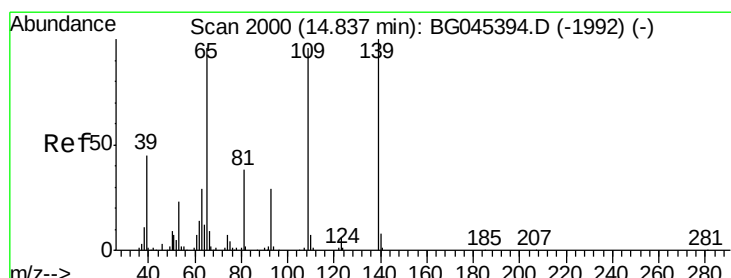
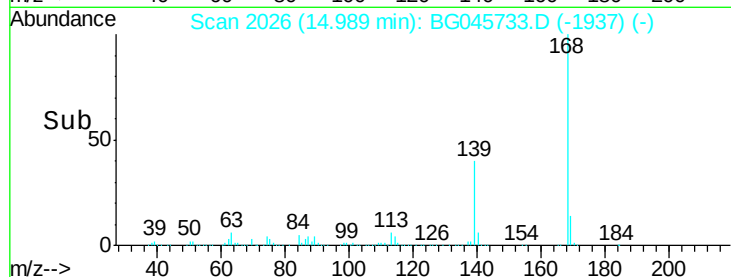
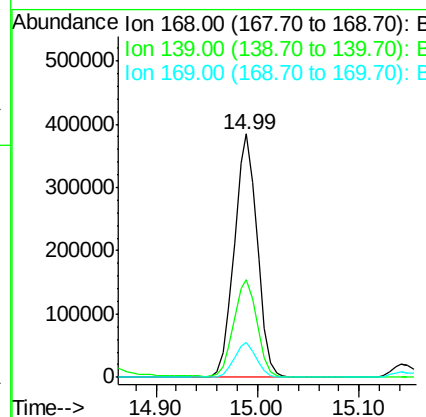
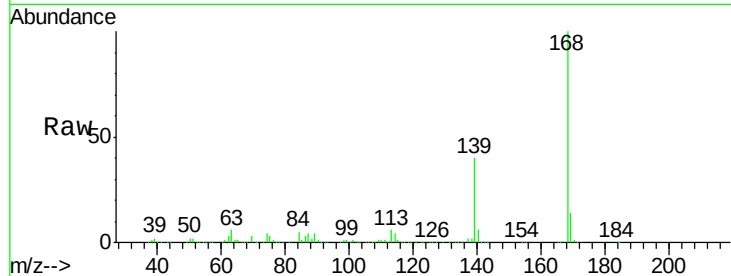
#55
Dibenzofuran
Concen: 54.111 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	29.9	44.9
169	14.1	10.9	16.3

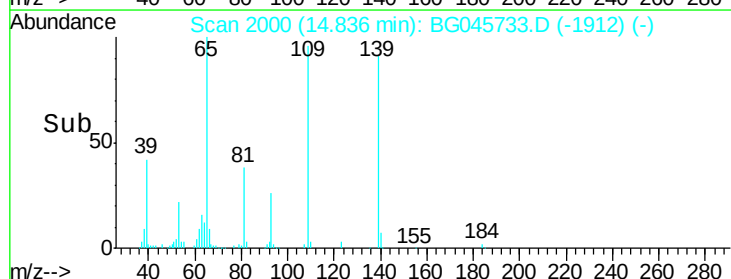
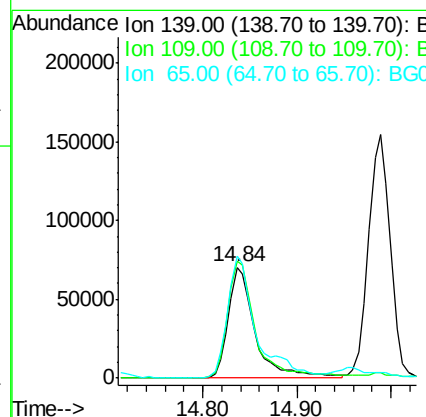
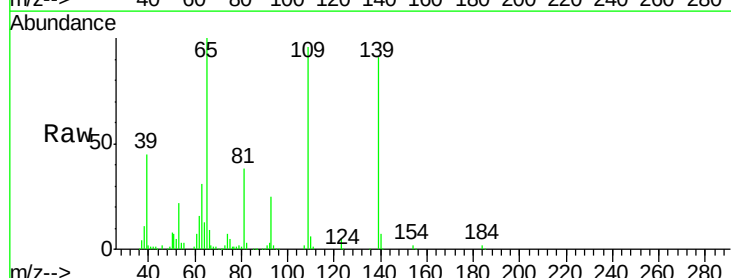
Manual Integrations
APPROVED

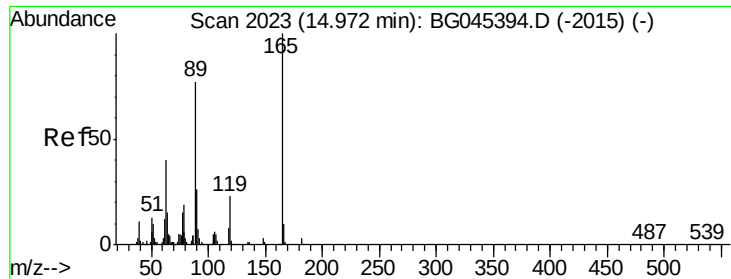
mohammad
6/15/2020 8:44:52 AM



#56
4-Nitrophenol
Concen: 84.635 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.9	75.6	115.6
65	110.1	76.8	116.8





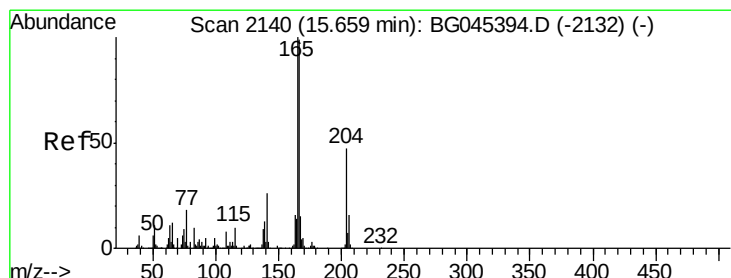
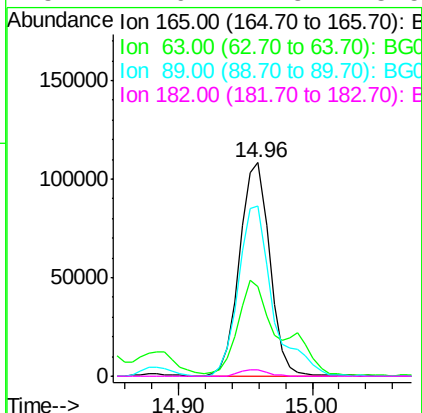
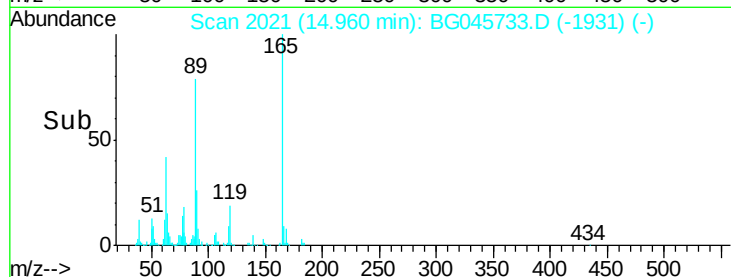
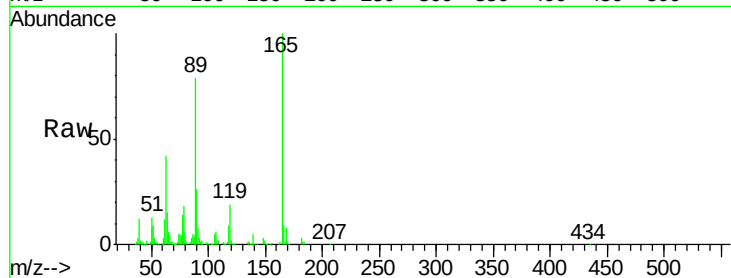
#57
2,4-Dinitrotoluene
Concen: 54.117 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		168874		
63	42.0	32.5	48.7		
89	79.5	61.8	92.6		
182	2.9	2.3	3.5		

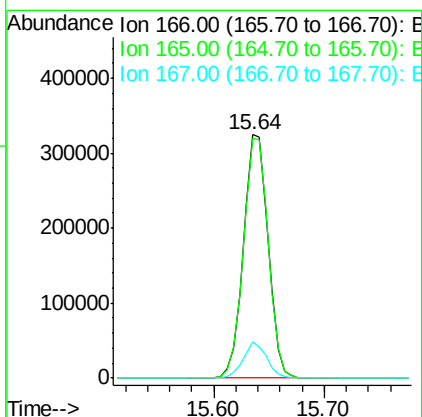
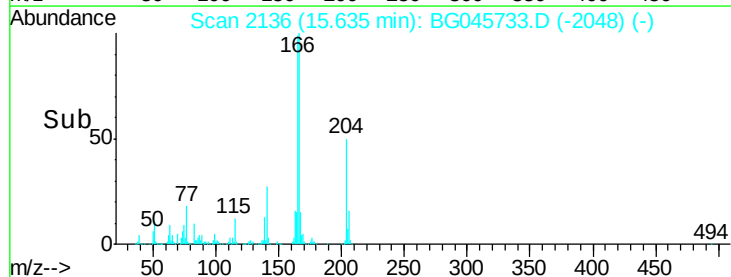
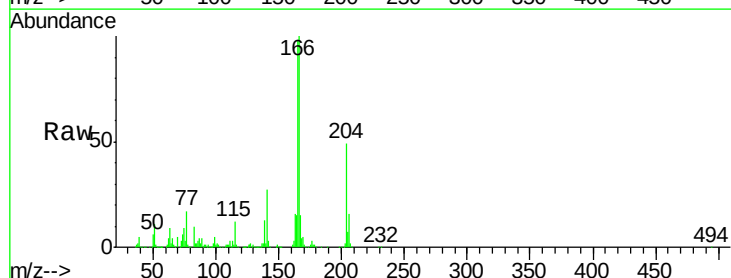
Manual Integrations
APPROVED

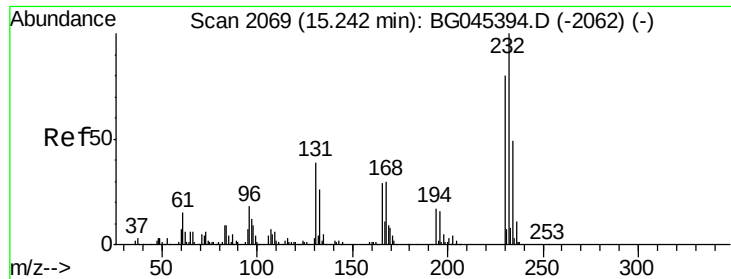
mohammad
6/15/2020 8:44:52 AM



#58
Fluorene
Concen: 56.012 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		510299		
165	98.4	80.8	121.2		
167	14.7	12.0	18.0		





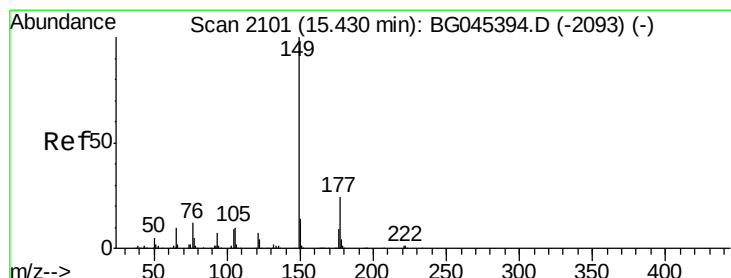
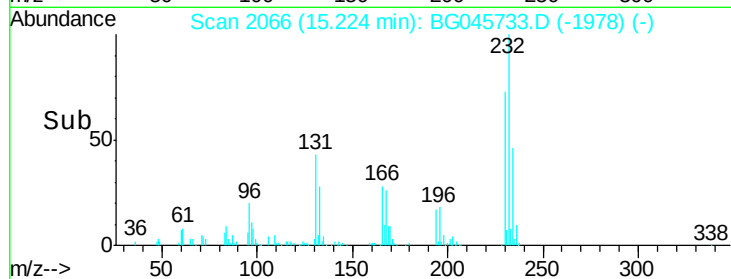
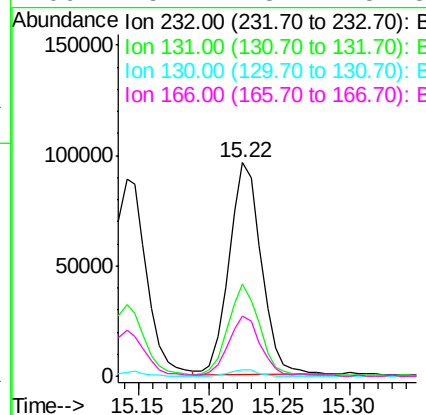
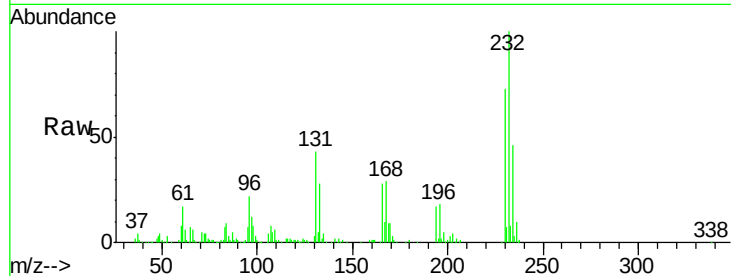
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.547 ng
 RT: 15.22 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	153539		
131	42.7		33.7	50.5
130	2.8		2.1	3.1
166	28.7		23.2	34.8

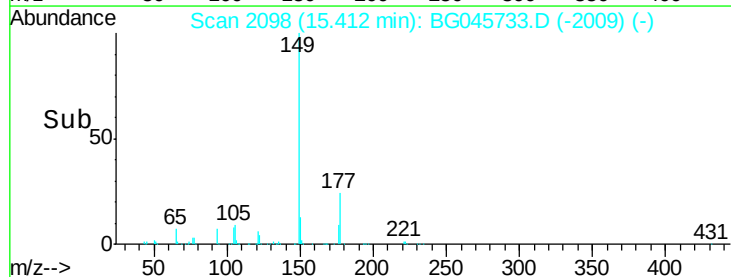
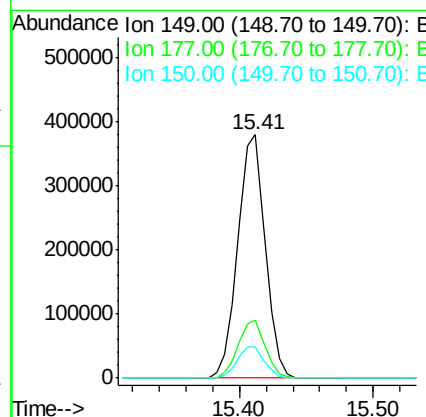
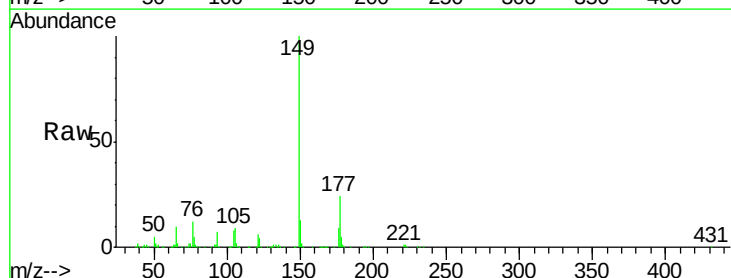
Manual Integrations
 APPROVED

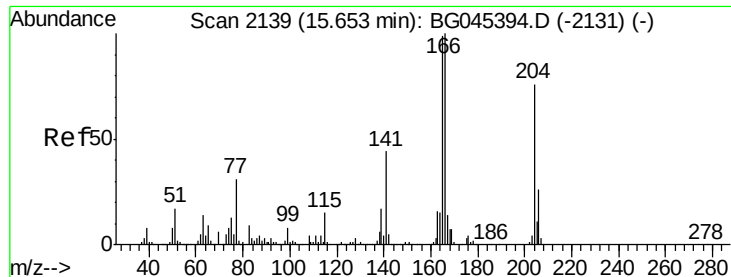
mohammad
 6/15/2020 8:44:52 AM



#60
 Diethylphthalate
 Concen: 54.701 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	543650		
177	23.6		19.0	28.4
150	12.6		11.4	17.0





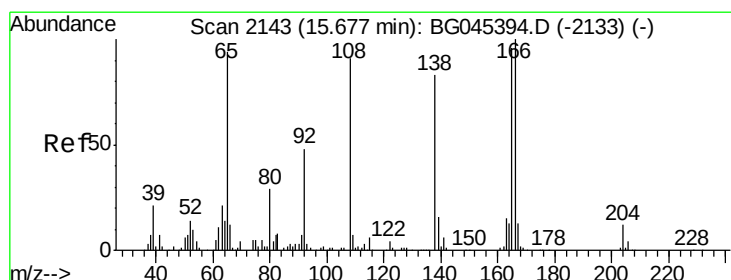
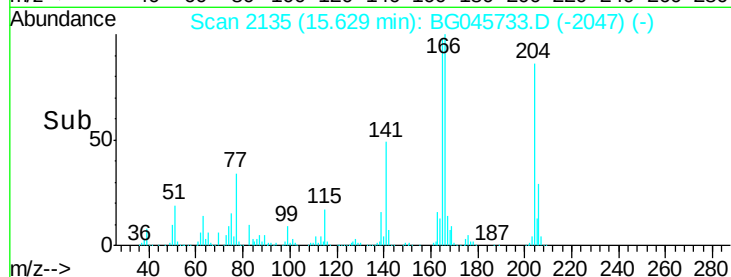
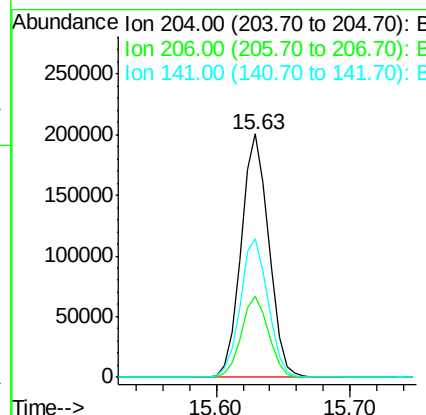
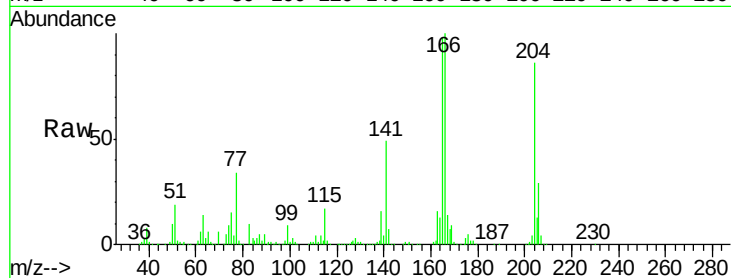
#61
4-Chlorophenyl-phenylether
Concen: 55.038 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.3	40.9
141	57.1	45.9	68.9

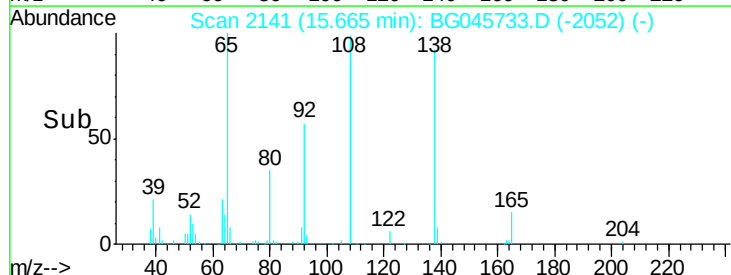
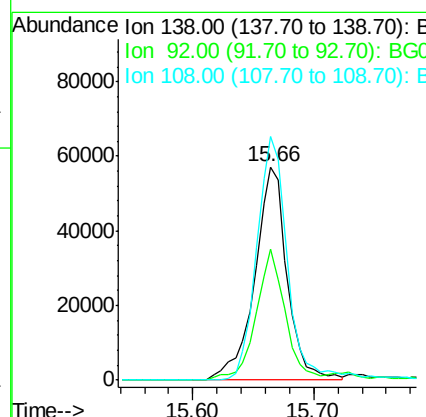
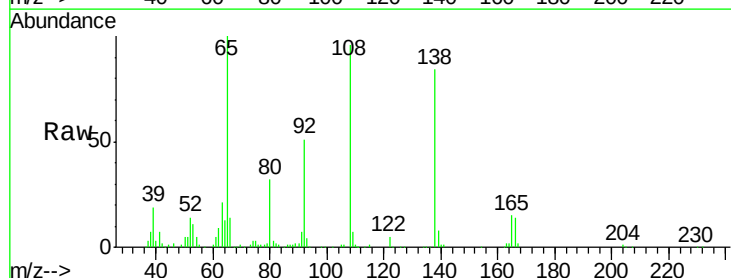
Manual Integrations
APPROVED

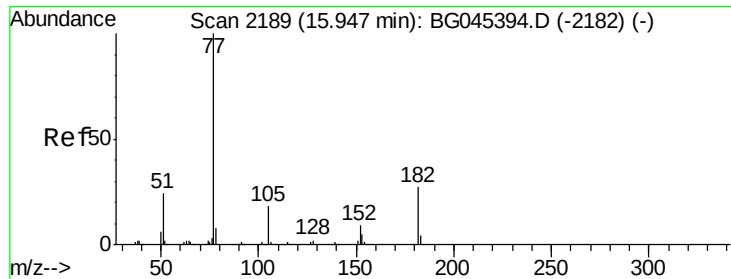
mohammad
6/15/2020 8:44:52 AM



#62
4-Nitroaniline
Concen: 46.539 ng
RT: 15.66 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.4	38.0	78.0
108	114.4	89.3	129.3





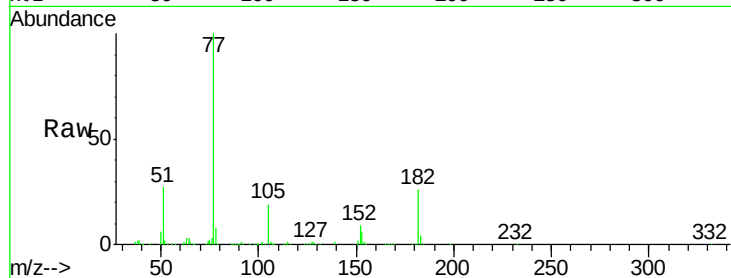
#63
Azobenzene
Concen: 56.265 ng
RT: 15.92 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

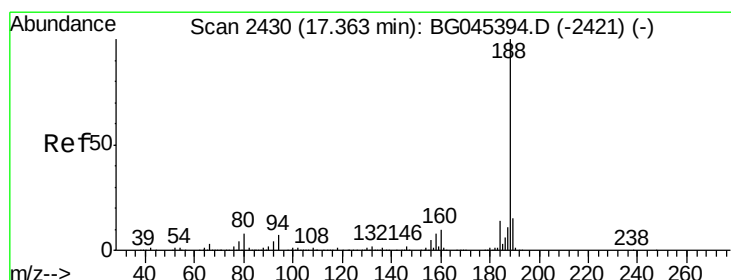
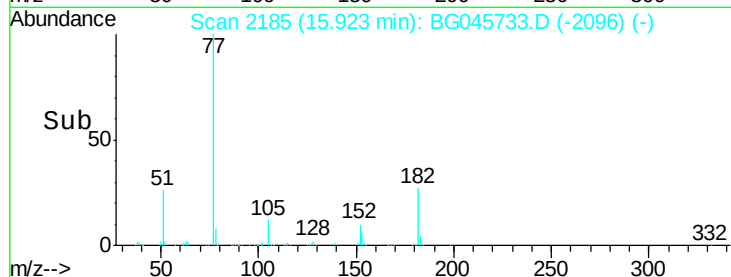
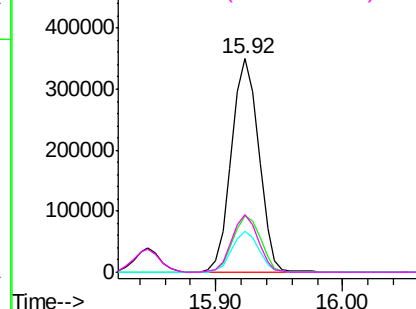
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.3	6.5	46.5	
105	18.9	0.0	37.9	
51	27.2	4.1	44.1	

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



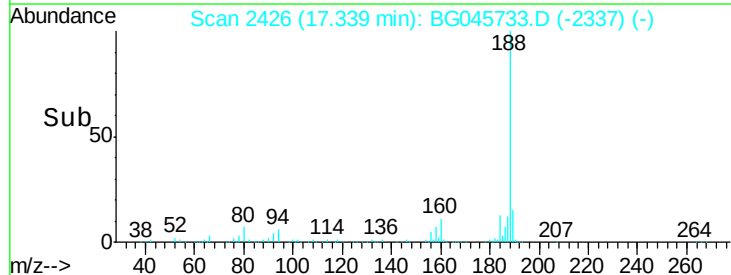
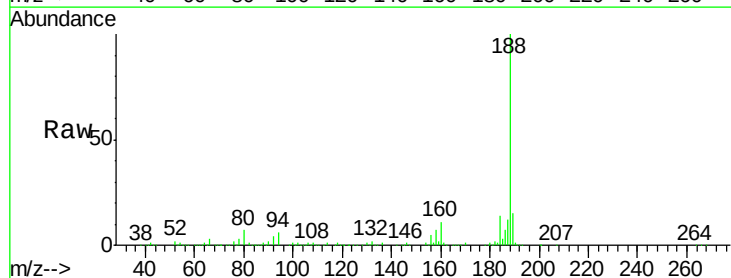
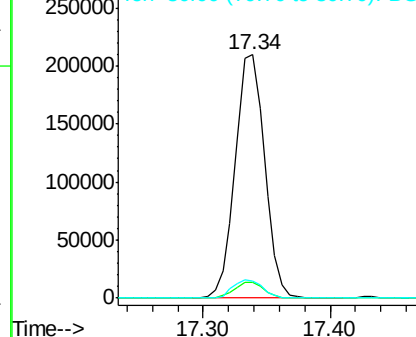
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

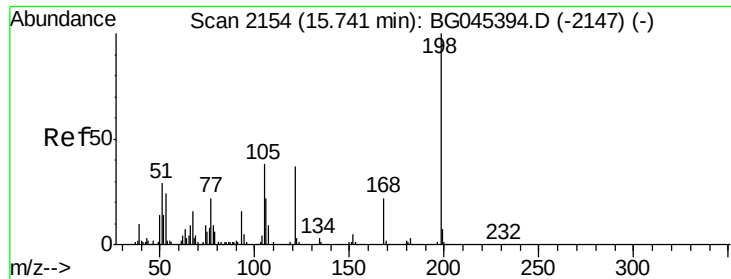


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.5	5.5	8.3	
80	7.1	6.6	10.0	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





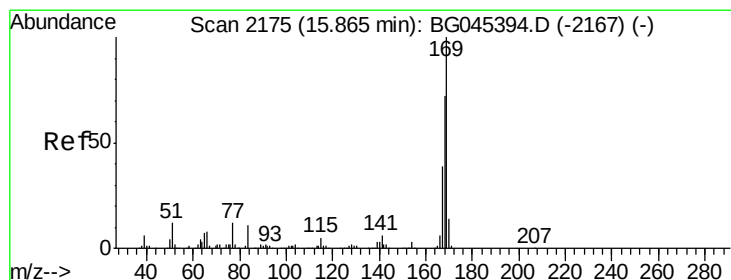
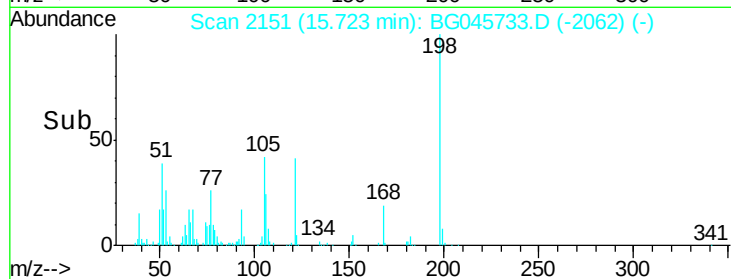
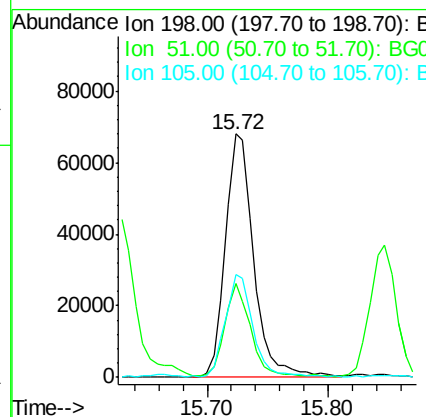
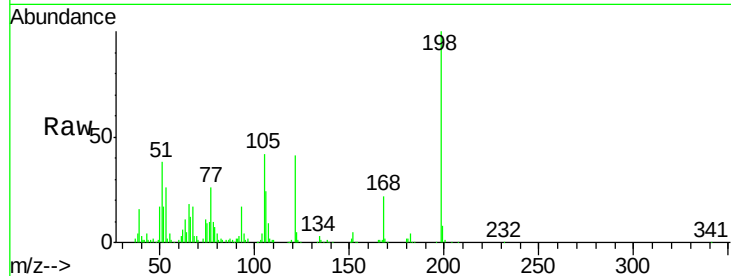
#65
4,6-Dinitro-2-methylphenol
Concen: 56.373 ng
RT: 15.72 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	110565		
51	38.3	10.0	50.0	
105	42.1	18.9	58.9	

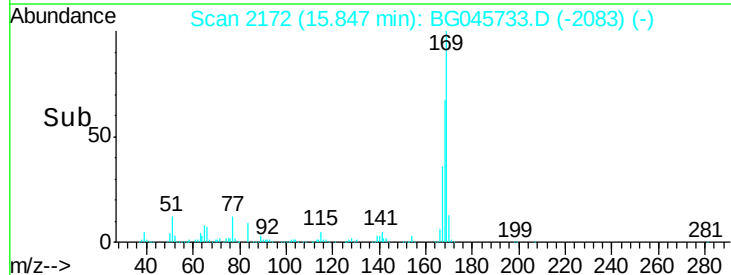
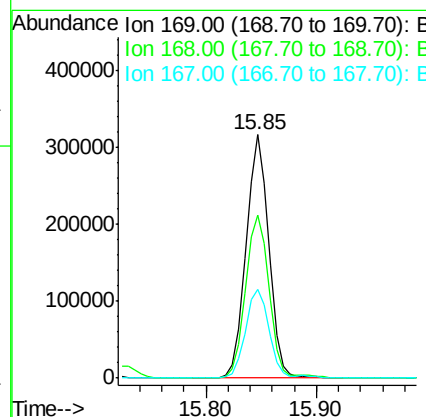
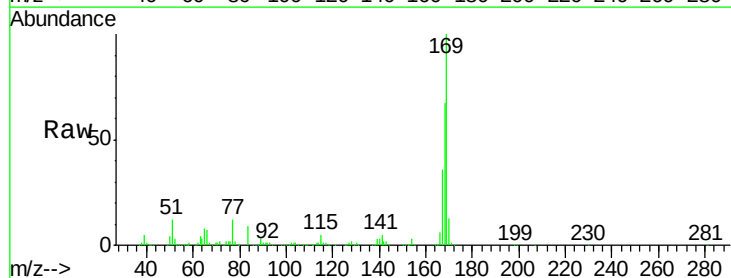
Manual Integrations
APPROVED

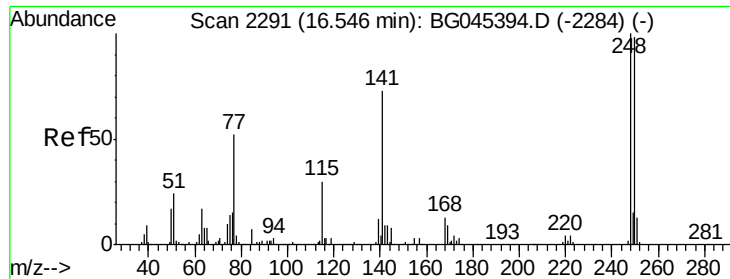
mohammad
6/15/2020 8:44:52 AM



#66
n-Nitrosodiphenylamine
Concen: 56.697 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	458436		
168	66.7	57.8	86.6	
167	36.4	31.5	47.3	





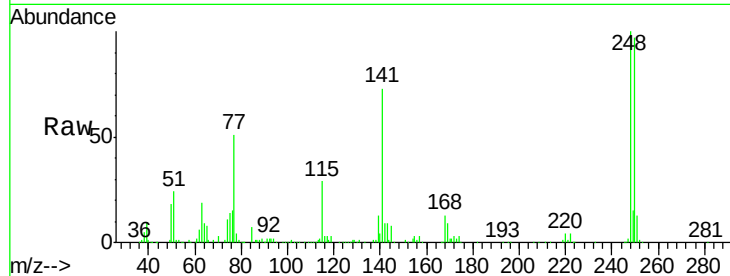
#67
4-Bromophenyl-phenylether
Concen: 54.242 ng
RT: 16.52 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

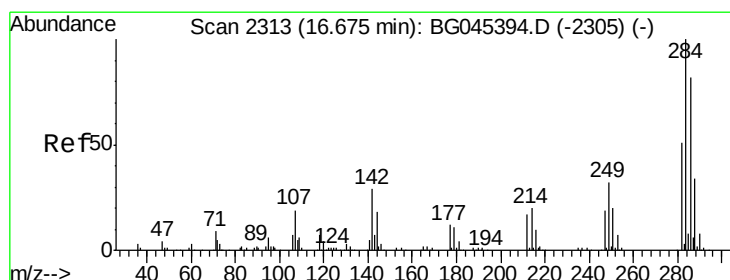
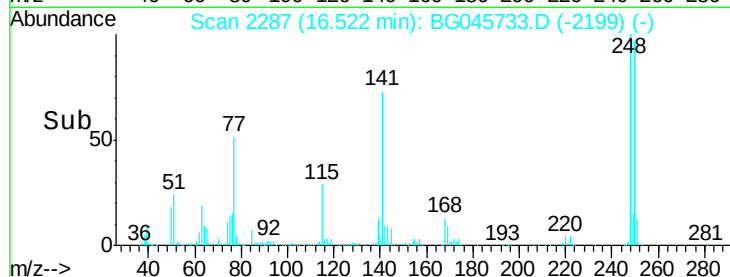
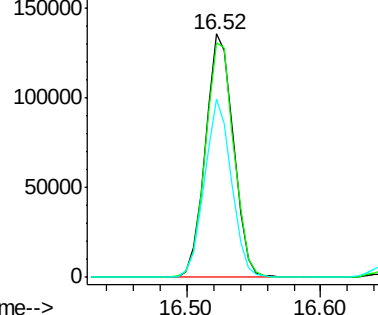
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.6	117.8
141	73.4	58.2	87.2

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



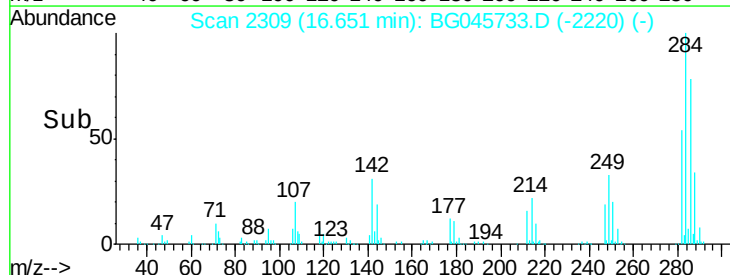
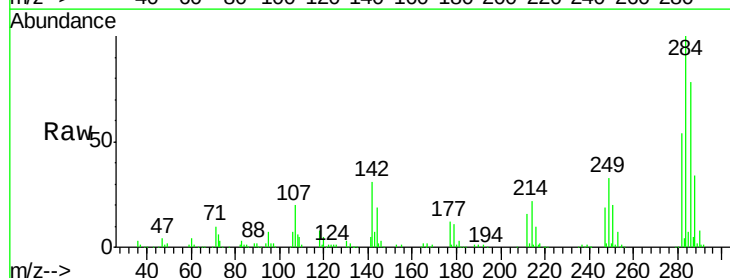
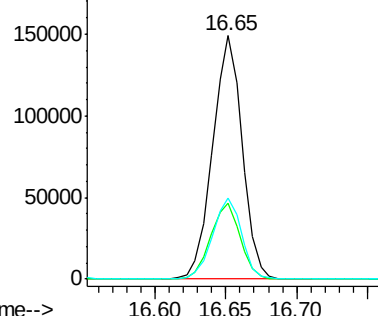
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

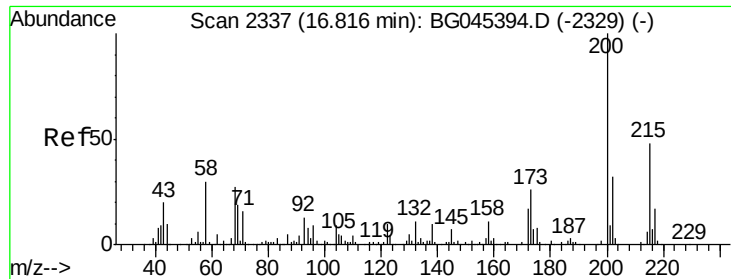


#68
Hexachlorobenzene
Concen: 57.024 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	23.0	34.6
249	33.2	25.8	38.6

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





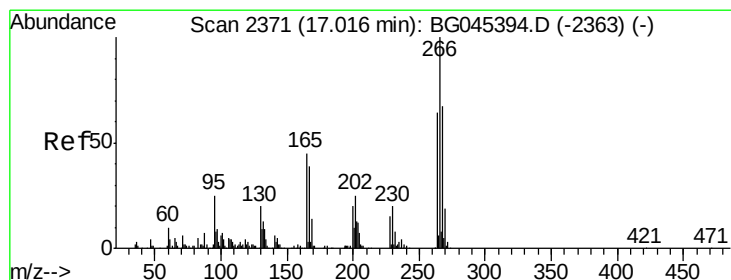
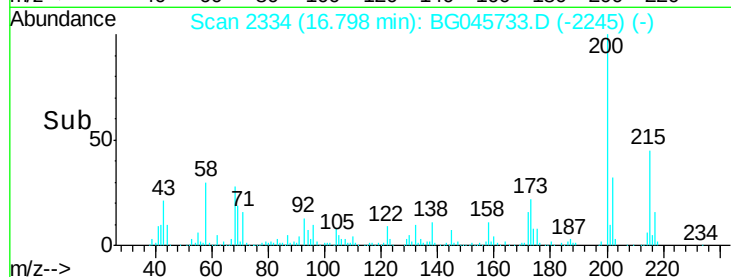
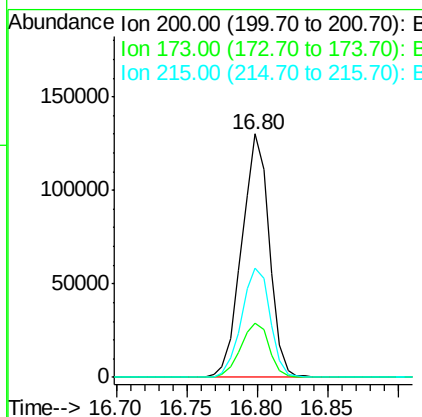
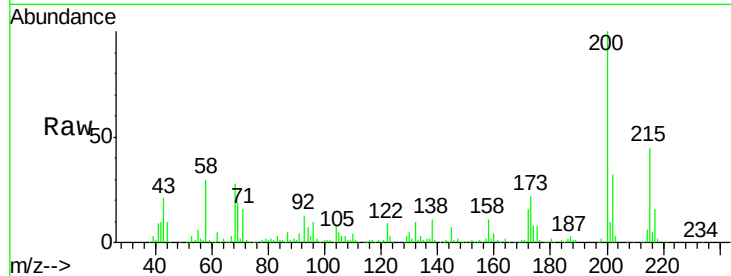
#69
Atrazine
Concen: 53.340 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.3	5.5	45.5
215	45.0	28.2	68.2

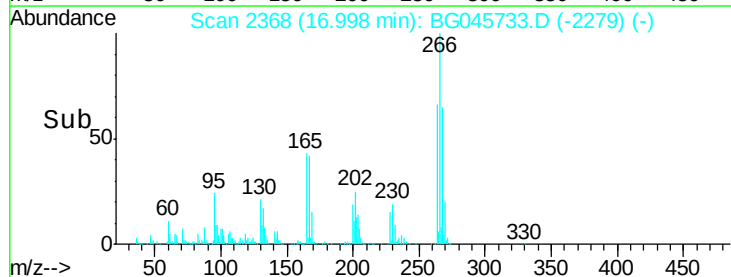
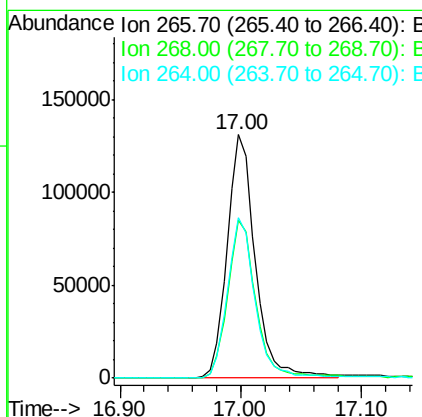
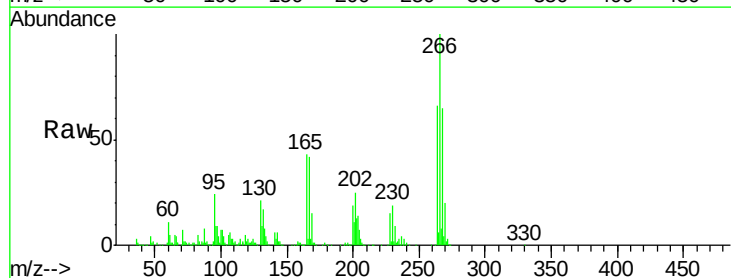
Manual Integrations
APPROVED

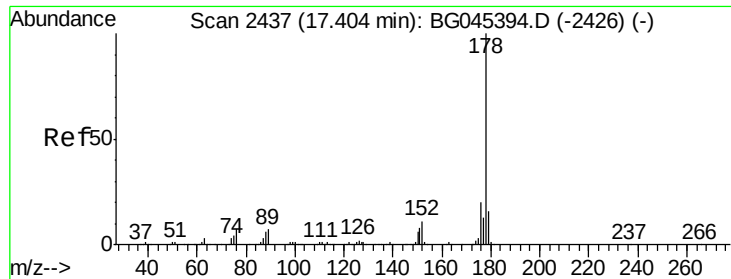
mohammad
6/15/2020 8:44:52 AM



#70
Pentachlorophenol
Concen: 107.289 ng
RT: 17.00 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	53.2	79.8
264	65.9	51.0	76.4





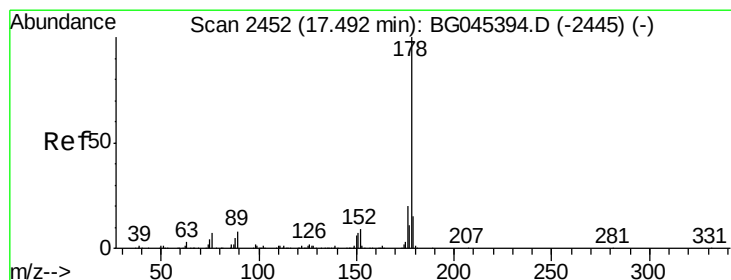
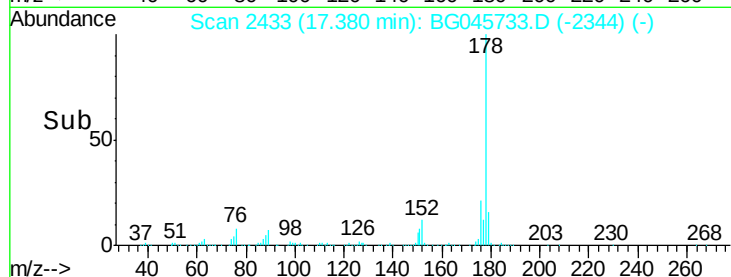
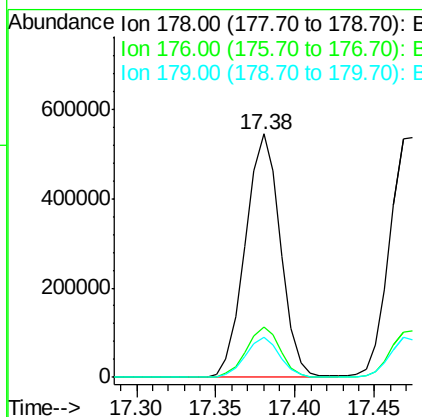
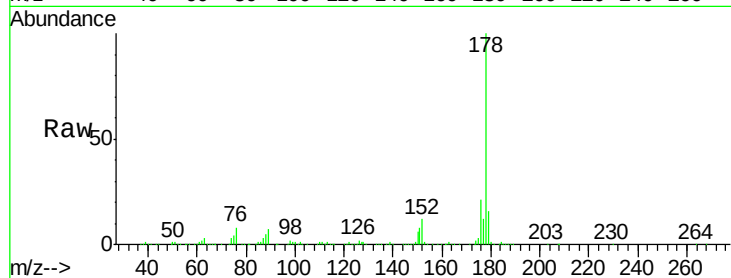
#71
 Phenanthrene
 Concen: 57.037 ng
 RT: 17.38 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.3	13.1	19.7

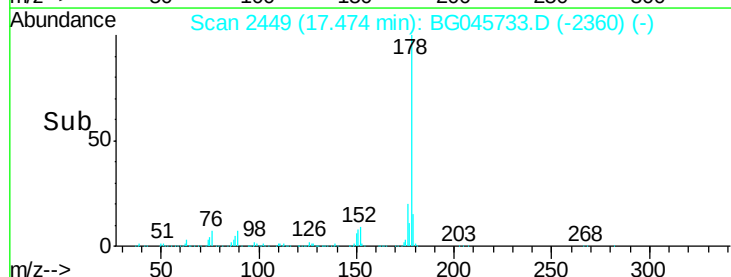
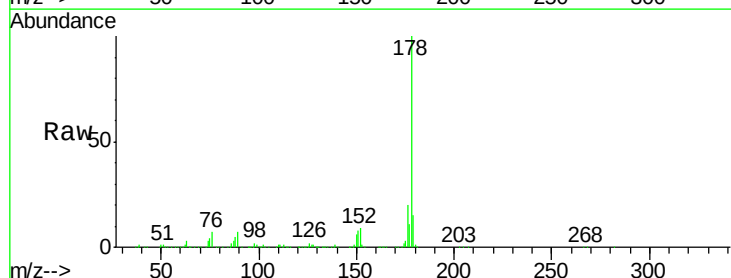
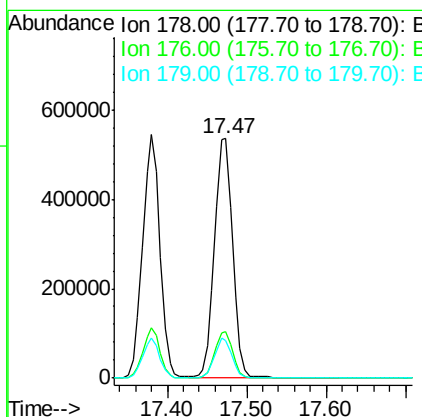
Manual Integrations
 APPROVED

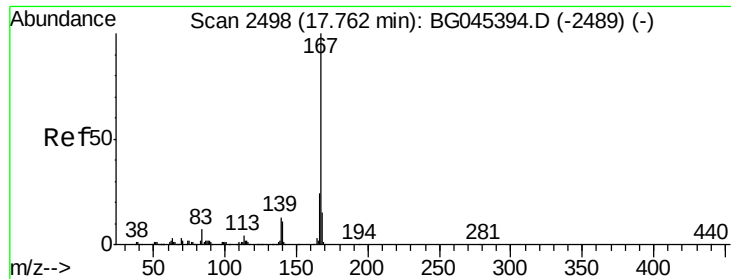
mohammad
 6/15/2020 8:44:52 AM



#72
 Anthracene
 Concen: 57.812 ng
 RT: 17.47 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.5	12.2	18.4





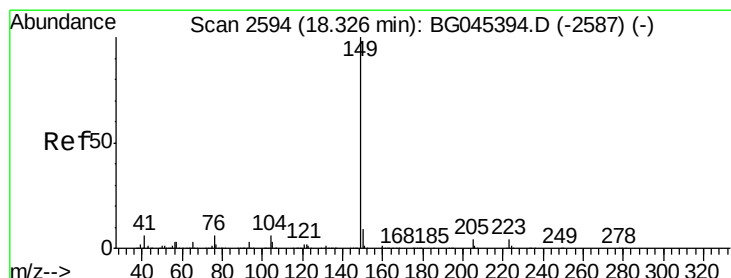
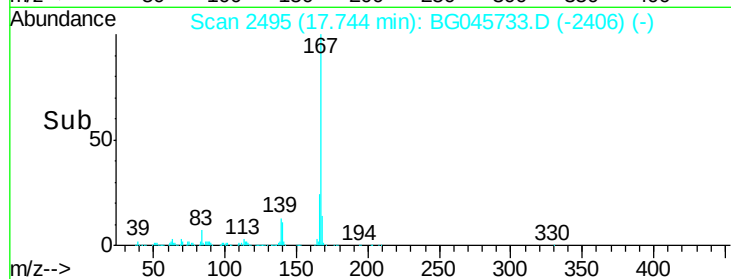
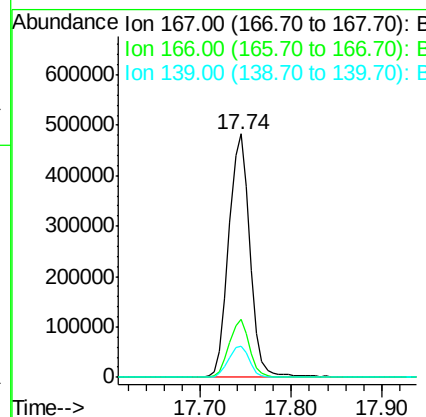
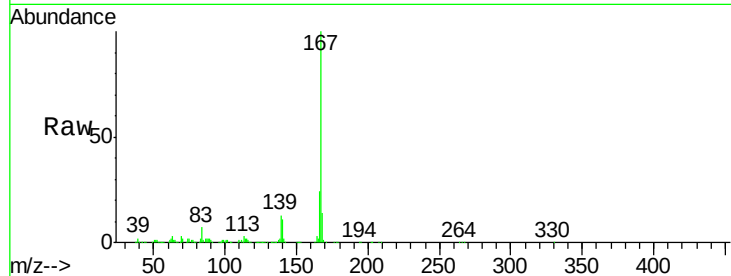
#73
 Carbazole
 Concen: 54.636 ng
 RT: 17.74 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.2	28.8
139	12.9	10.6	16.0

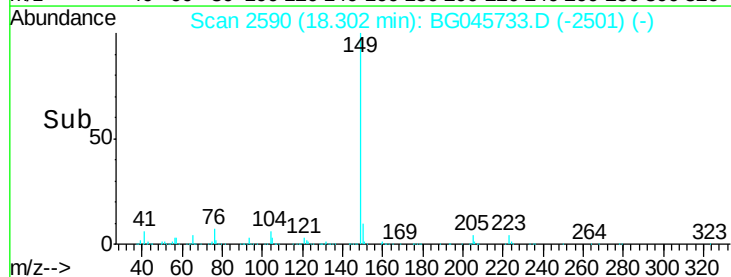
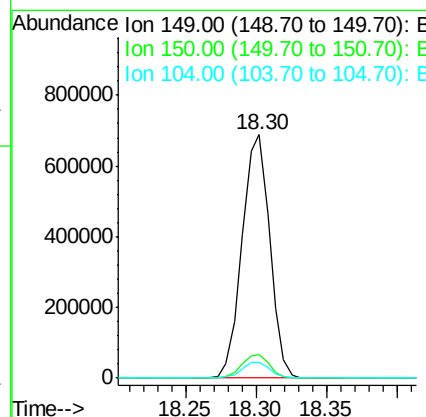
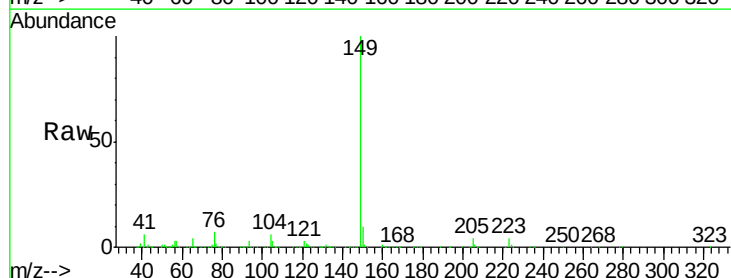
Manual Integrations
 APPROVED

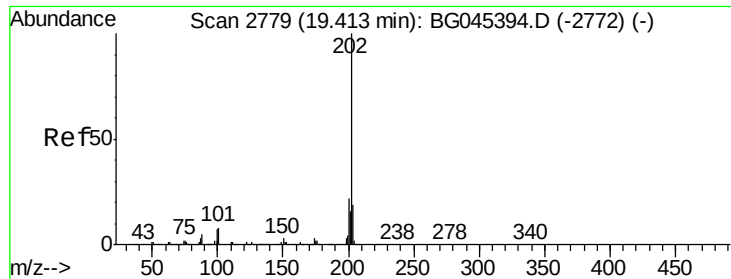
mohammad
 6/15/2020 8:44:52 AM



#74
 Di-n-butylphthalate
 Concen: 54.638 ng
 RT: 18.30 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 55.377 ng

RT: 19.39 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

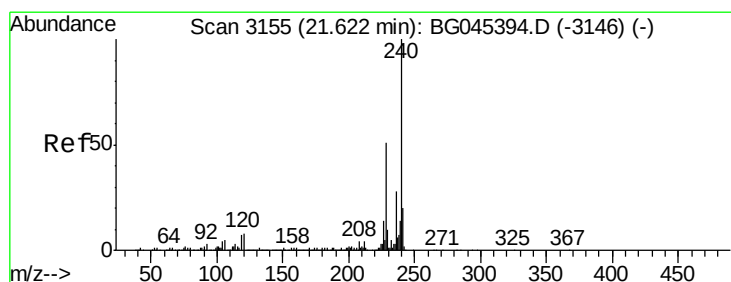
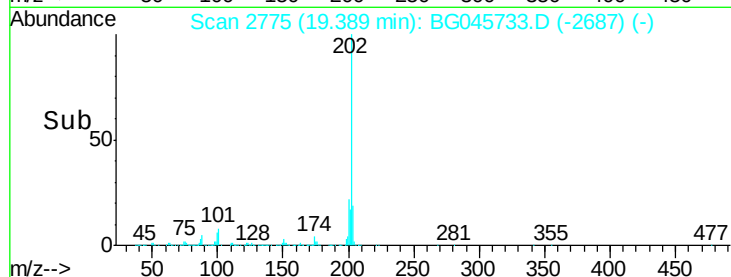
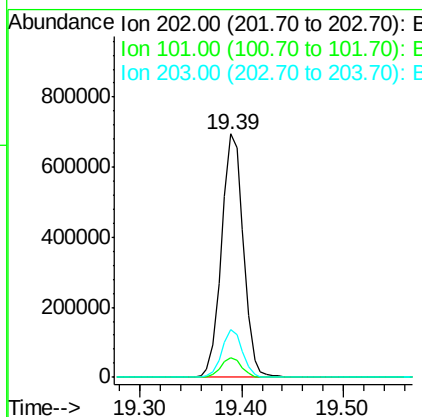
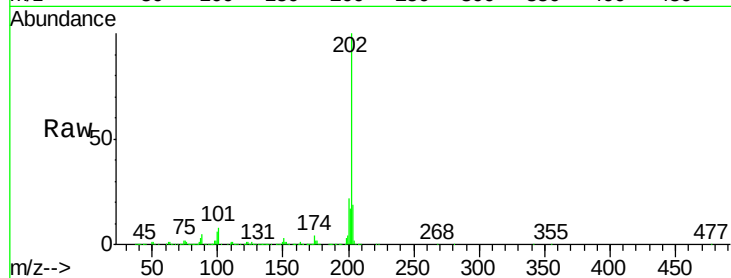
ClientSampleId :

CL-02-060920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.1	0.0	28.3		
203	19.5	0.0	39.0		

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#76

Chrysene-d12

Concen: 20.000 ng

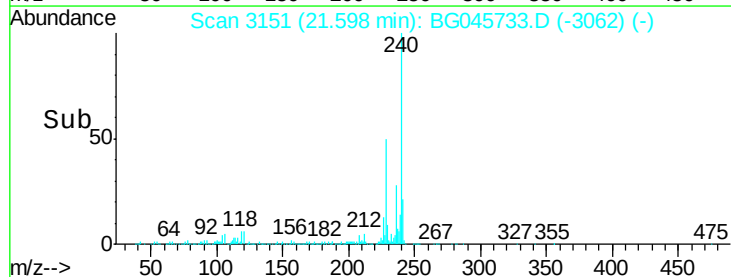
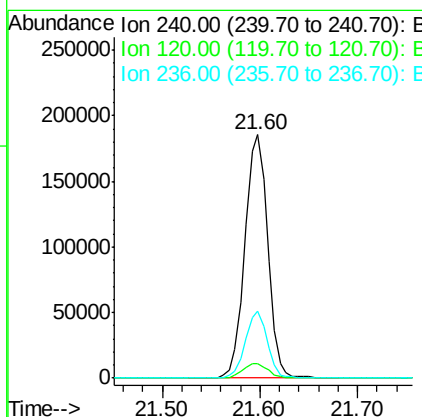
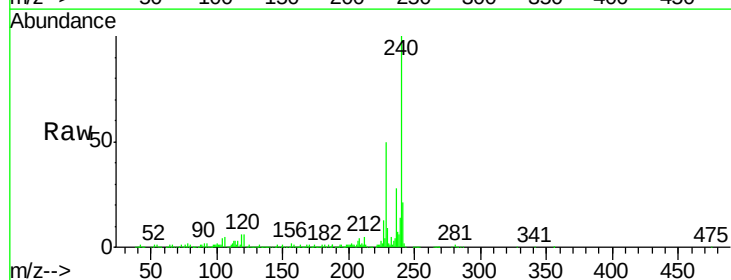
RT: 21.60 min Scan# 3151

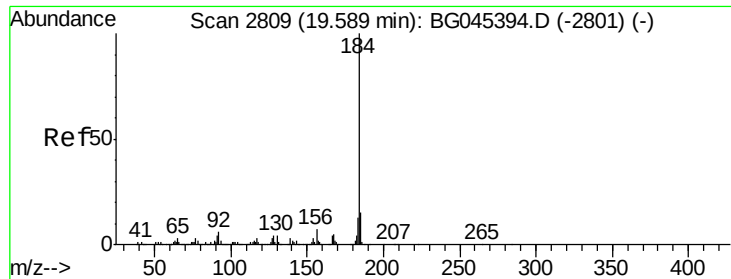
Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	5.7	6.1	9.1#		
236	27.6	22.3	33.5		





#77

Benzidine

Concen: 44.872 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

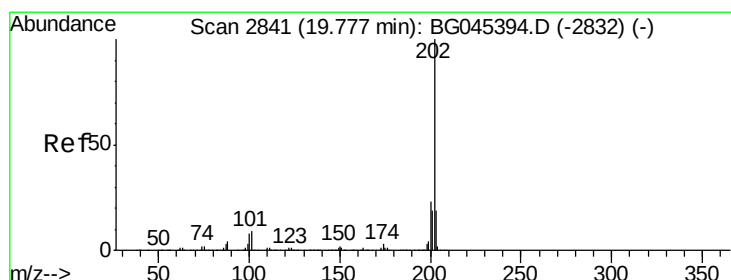
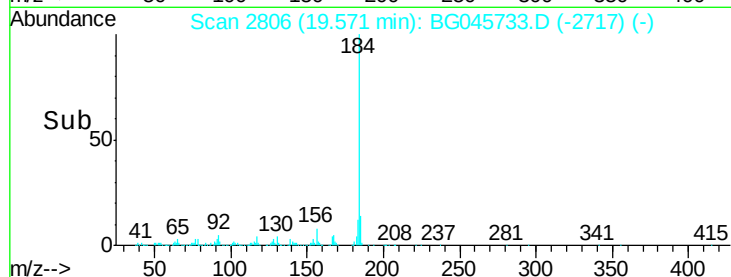
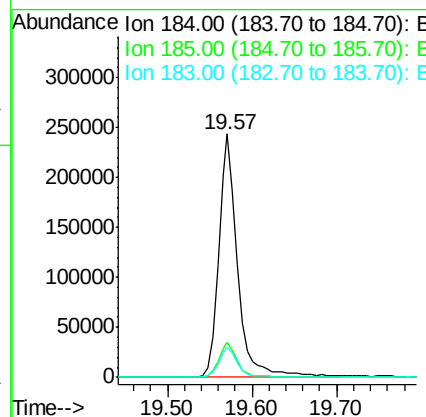
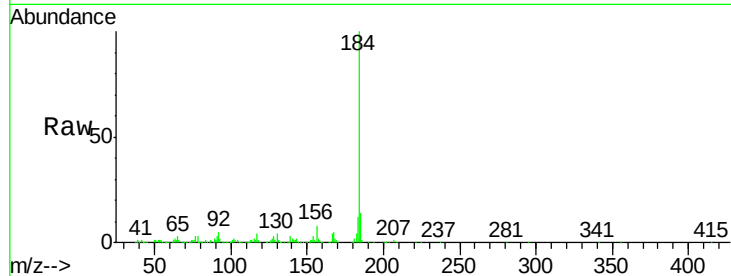
ClientSampleId :

CL-02-060920MSD

Tot Ion:	184	Resp:	383310
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.7	17.5
183	12.3	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#78

Pyrene

Concen: 59.159 ng

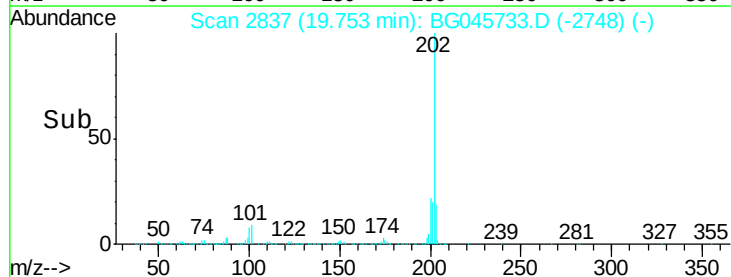
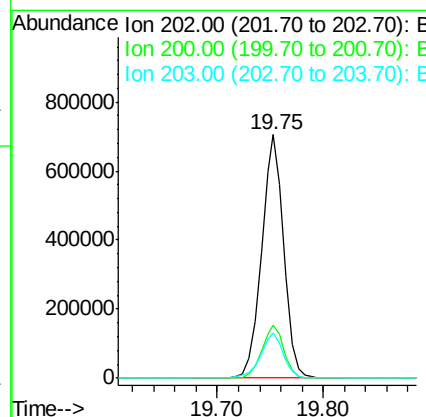
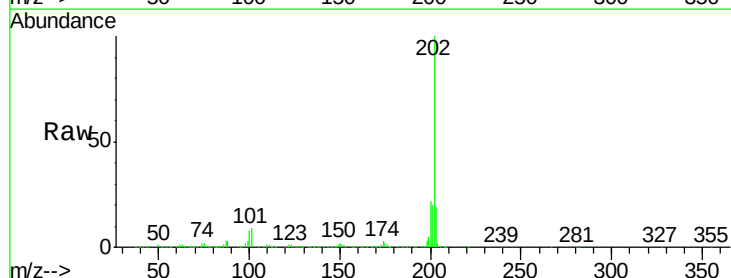
RT: 19.75 min Scan# 2837

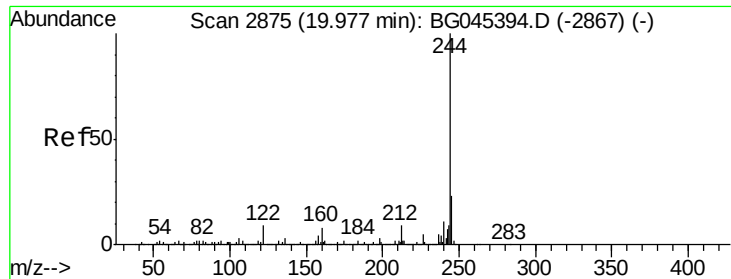
Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion:	202	Resp:	1025703
Ion Ratio	Lower	Upper	
202	100		
200	22.0	18.2	27.2
203	18.5	15.1	22.7





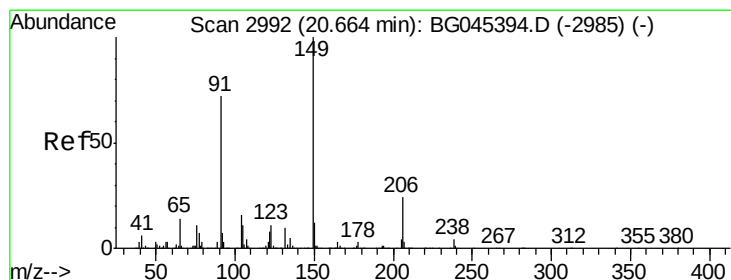
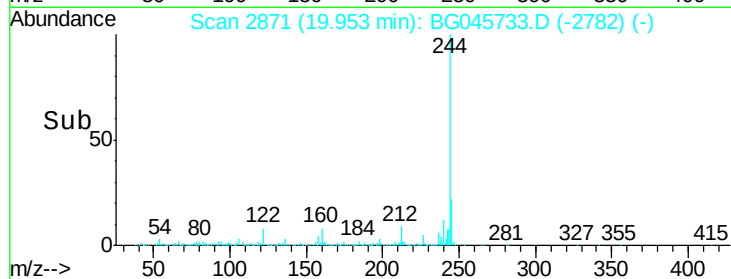
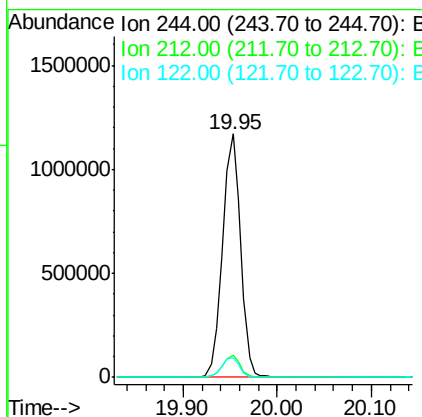
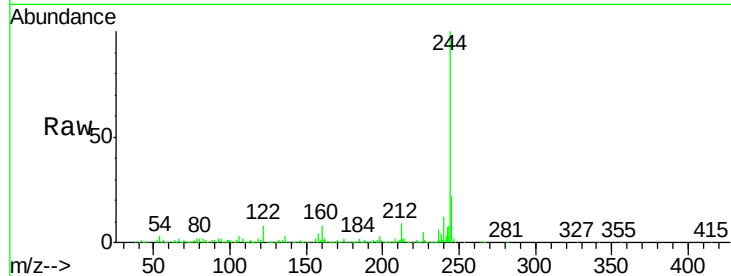
#79
 Terphenyl-d14
 Concen: 120.014 ng
 RT: 19.95 min Scan# 2871
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.0
122	8.1	6.8	10.2

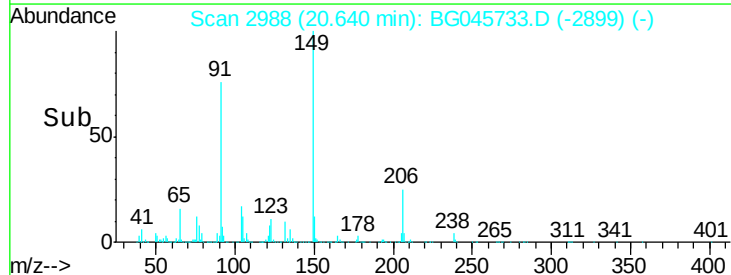
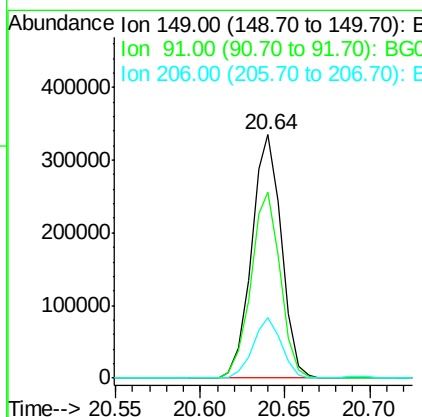
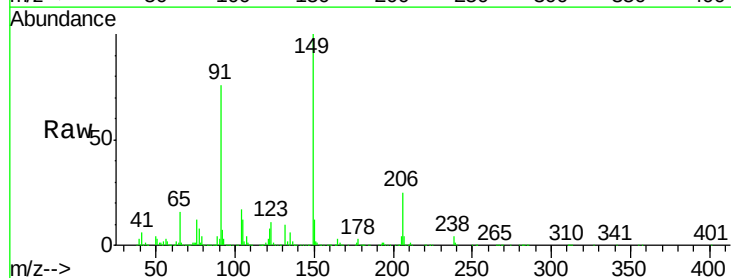
Manual Integrations
 APPROVED

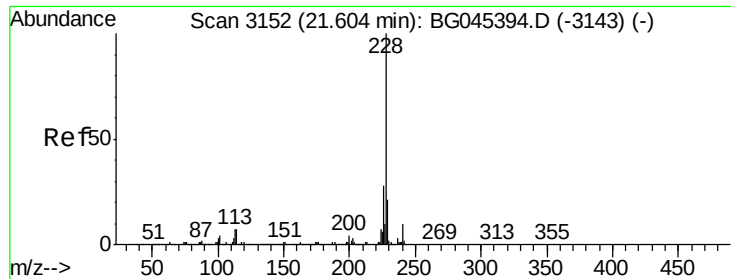
mohammad
 6/15/2020 8:44:52 AM



#80
 Butylbenzylphthalate
 Concen: 54.822 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. -0.01 min
 Lab File: BG045733.D
 Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.5	57.8	86.6
206	25.0	19.1	28.7





#81

Benzo(a)anthracene

Concen: 56.292 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

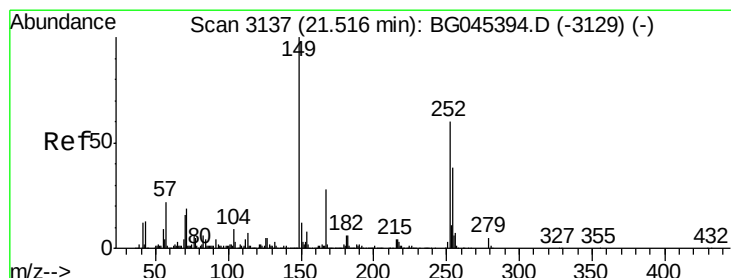
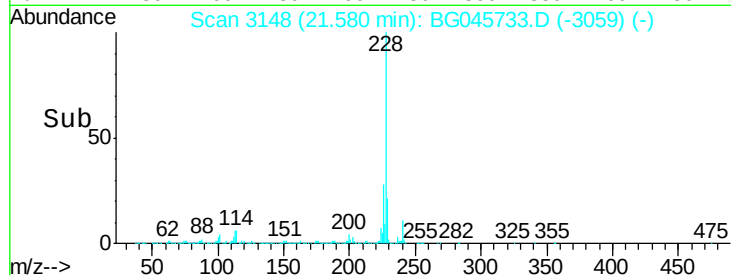
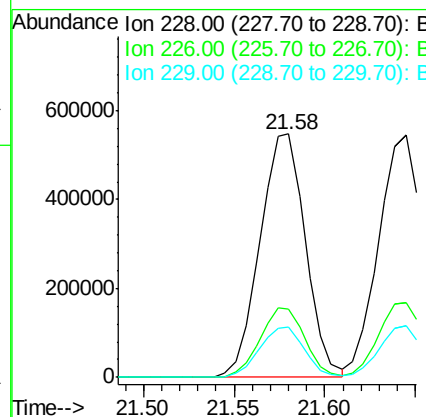
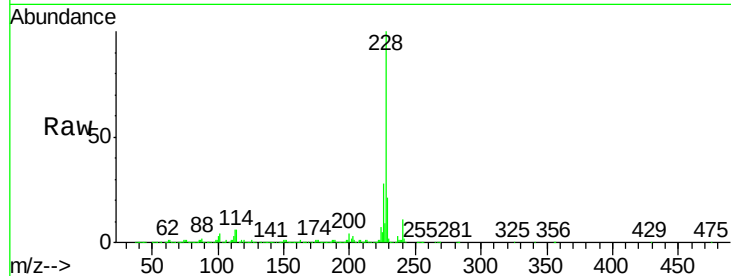
ClientSampleId :

CL-02-060920MSD

Tot Ion:	228	Resp:	953789
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.7	34.1
229	20.7	16.7	25.1

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#82

3,3'-Dichlorobenzidine

Concen: 27.735 ng

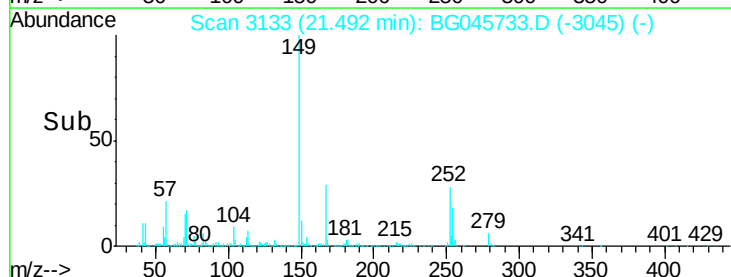
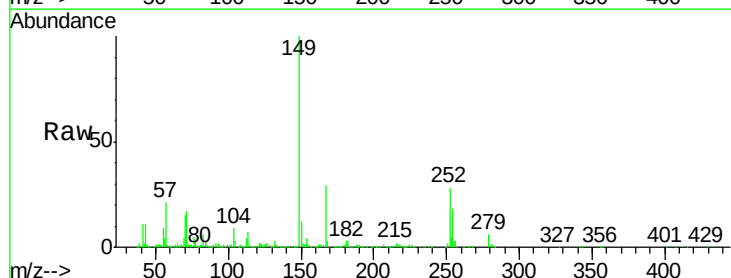
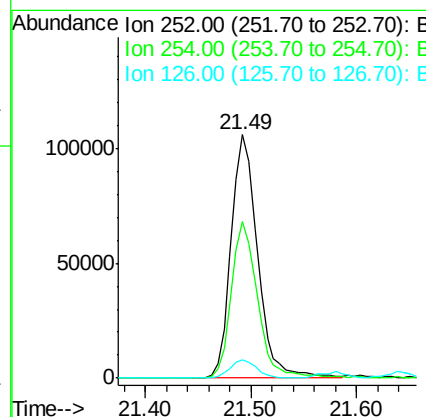
RT: 21.49 min Scan# 3133

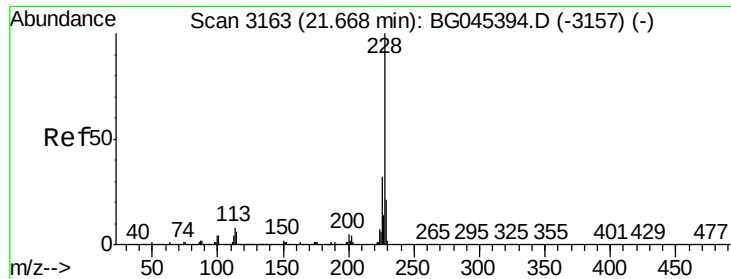
Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion:	252	Resp:	184335
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.3	76.9
126	7.4	6.6	10.0





#83

Chrvsene

Concen: 56.927 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

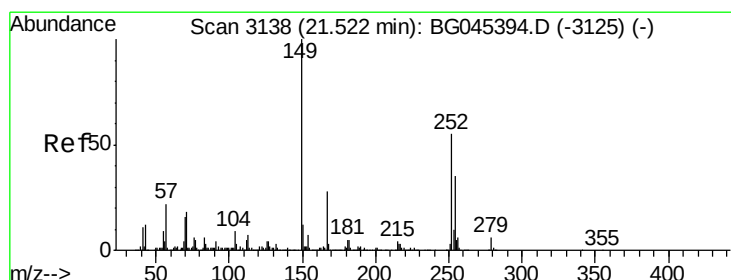
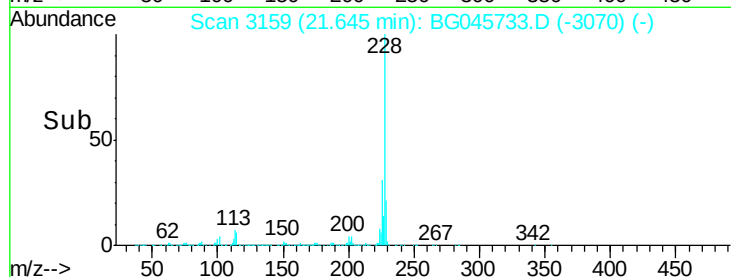
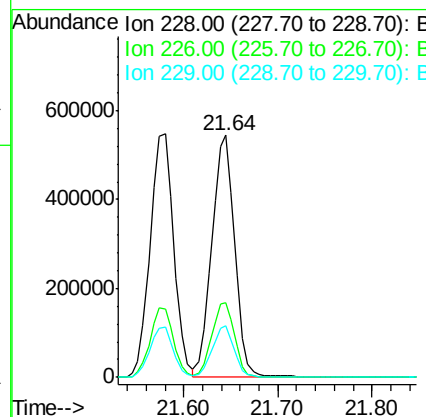
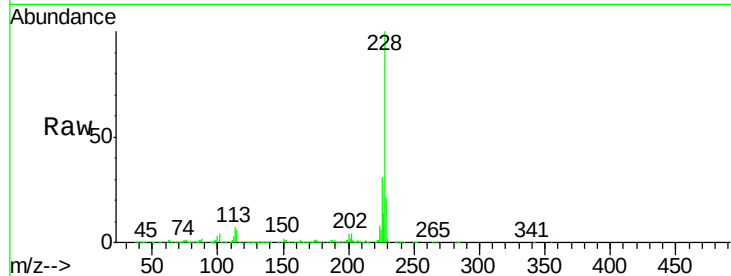
ClientSampleId :

CL-02-060920MSD

Tot Ion:	228	Resp:	927450
Ion Ratio		Lower	Upper
228	100		
226	31.1	25.2	37.8
229	21.1	16.7	25.1

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.813 ng

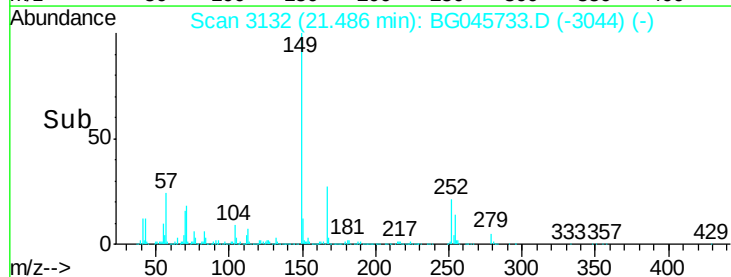
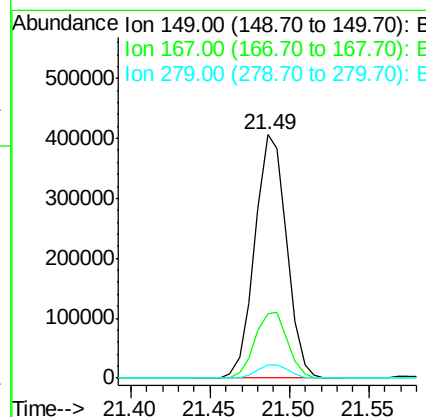
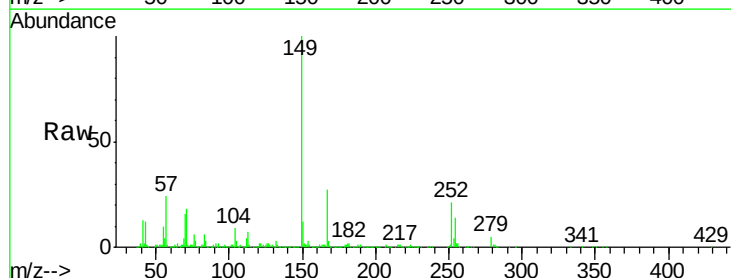
RT: 21.49 min Scan# 3132

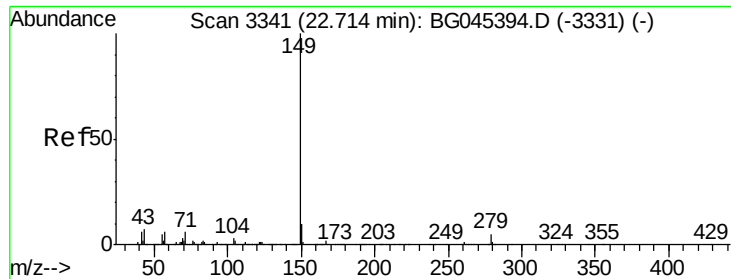
Delta R.T. -0.01 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Tgt Ion:	149	Resp:	563876
Ion Ratio		Lower	Upper
149	100		
167	26.7	22.2	33.2
279	5.4	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 55.624 ng

RT: 22.67 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BG045733.D

Acq: 11 Jun 2020 23:00

Instrument :

BNA_G

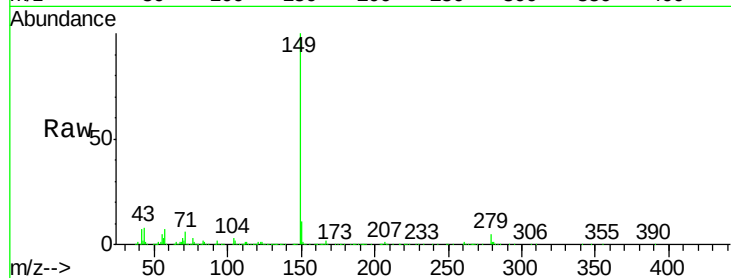
ClientSampleId :

CL-02-060920MSD

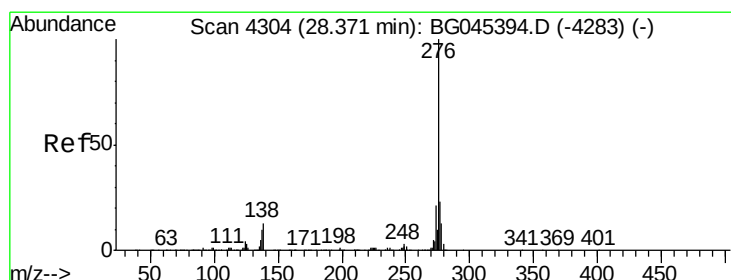
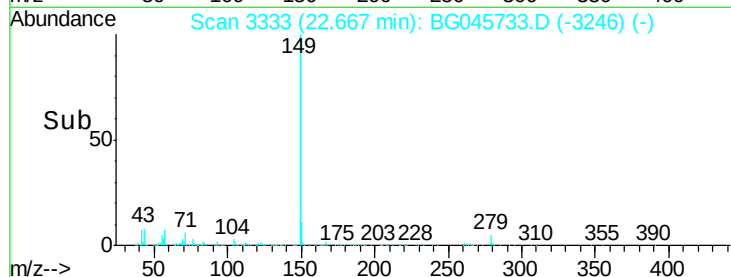
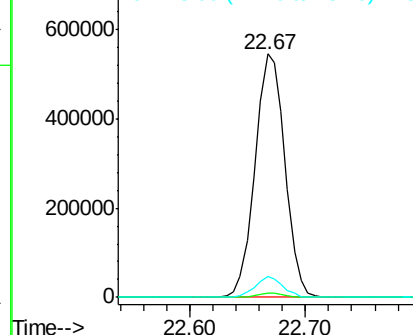
Tot Ion:	149	Resp:	982804
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	7.7	5.8	8.8

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.679 ng

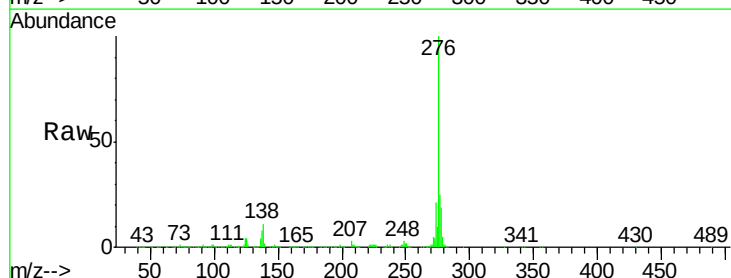
RT: 28.31 min Scan# 4293

Delta R.T. -0.02 min

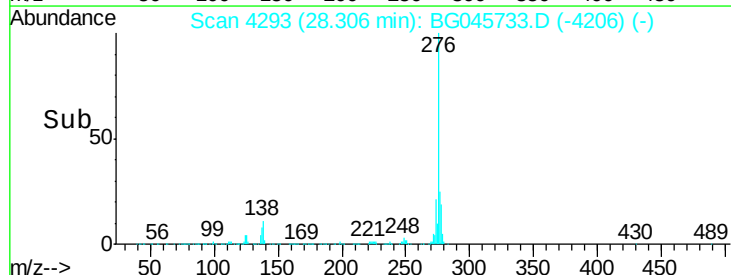
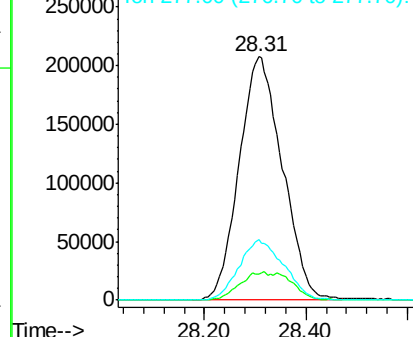
Lab File: BG045733.D

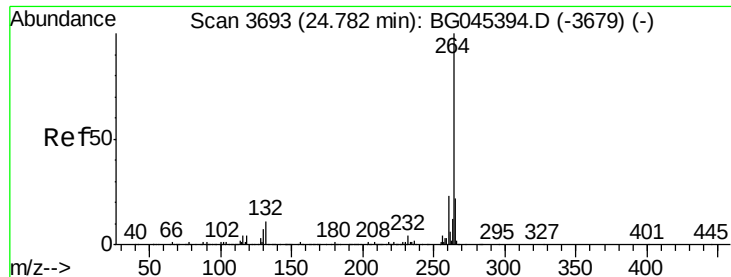
Acq: 11 Jun 2020 23:00

Tgt Ion:	276	Resp:	1228819
Ion Ratio	Lower	Upper	
276	100		
138	8.6	8.6	12.8
277	25.8	20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





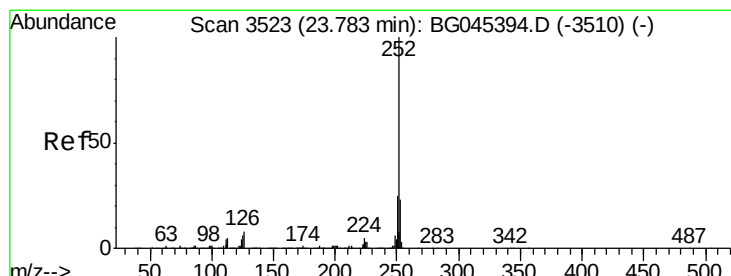
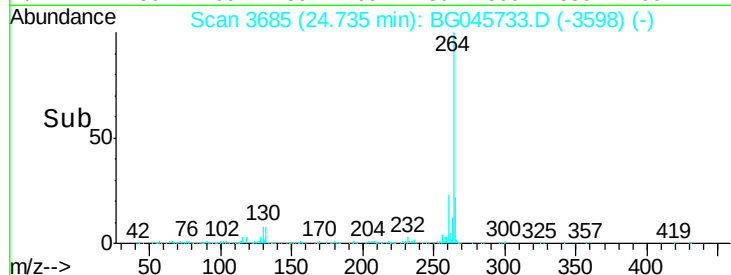
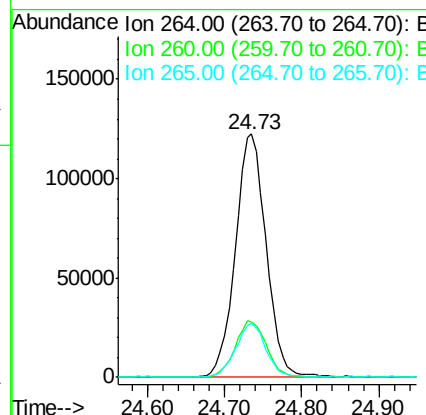
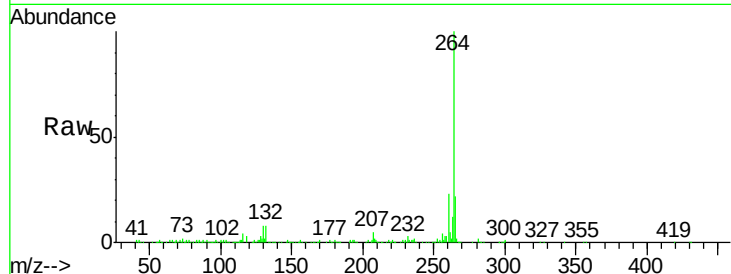
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.73 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	22.2	17.6	26.4

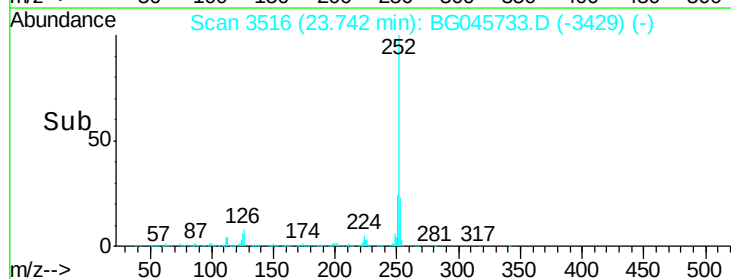
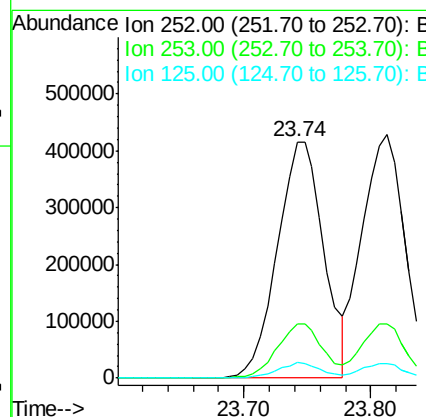
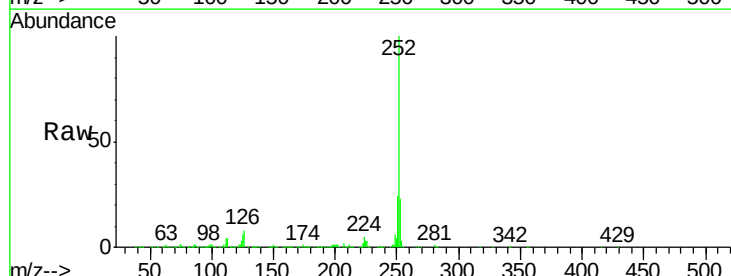
Manual Integrations
APPROVED

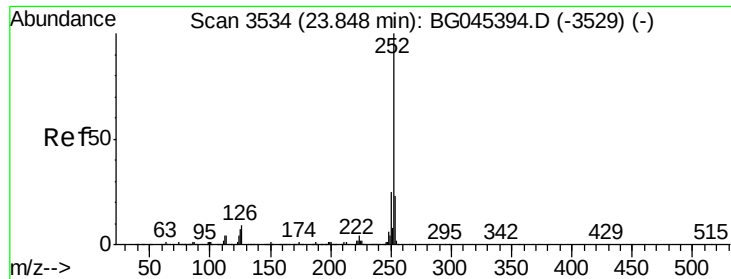
mohammad
6/15/2020 8:44:52 AM



#88
Benzo(b)fluoranthene
Concen: 57.678 ng
RT: 23.74 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	6.5	5.0	7.6





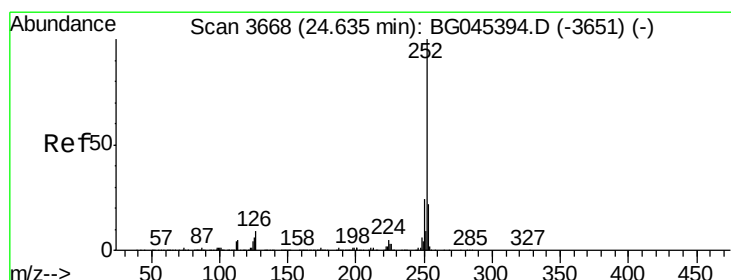
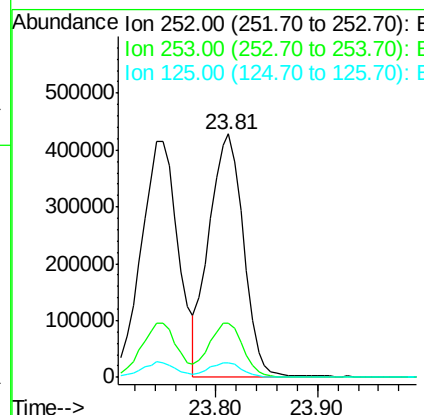
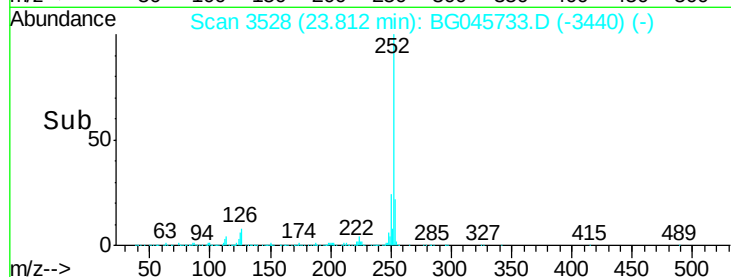
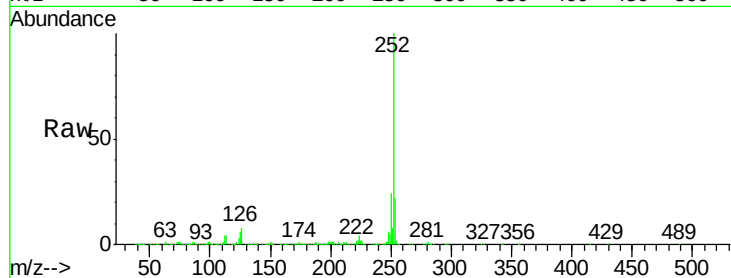
#89
Benzo(k)fluoranthene
Concen: 58.360 ng
RT: 23.81 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	5.8	5.7	8.5

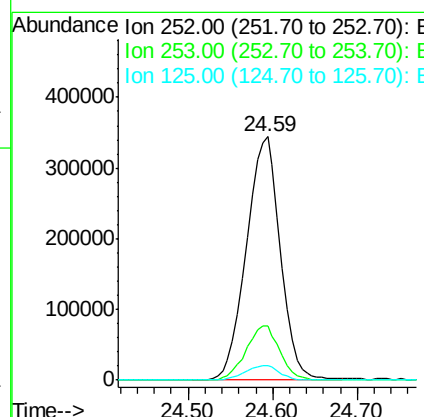
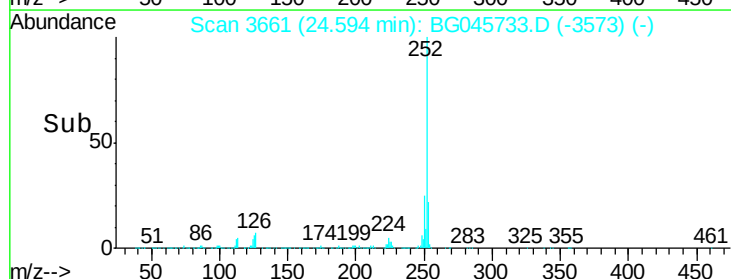
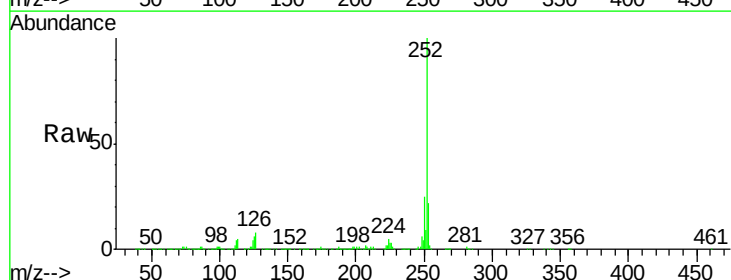
Manual Integrations
APPROVED

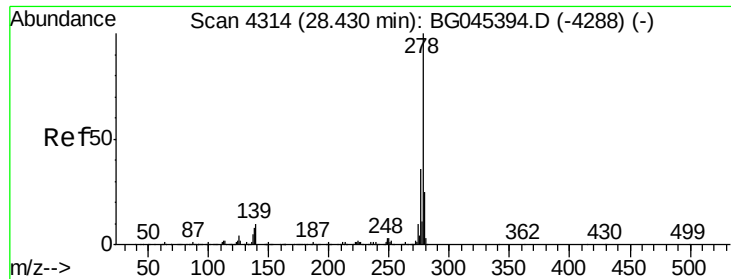
mohammad
6/15/2020 8:44:52 AM



#90
Benzo(a)pyrene
Concen: 56.199 ng
RT: 24.59 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	5.7	5.0	7.6





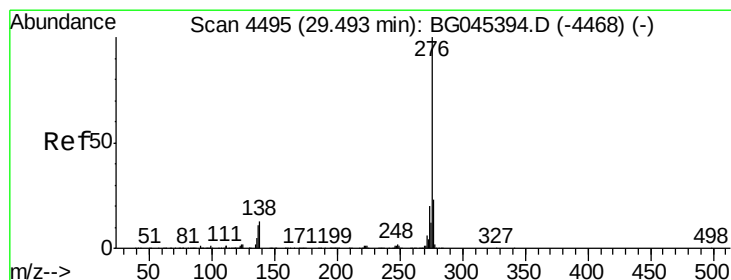
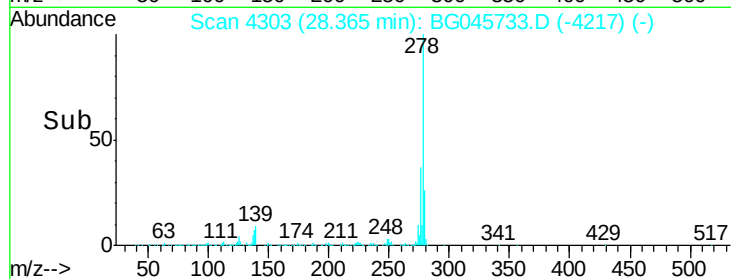
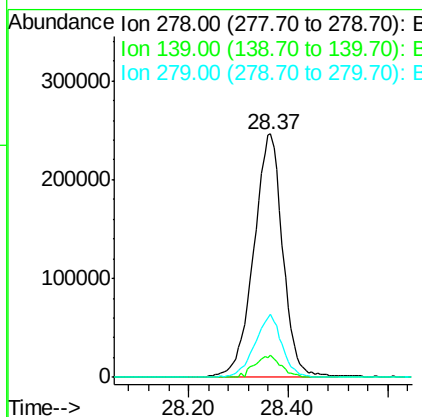
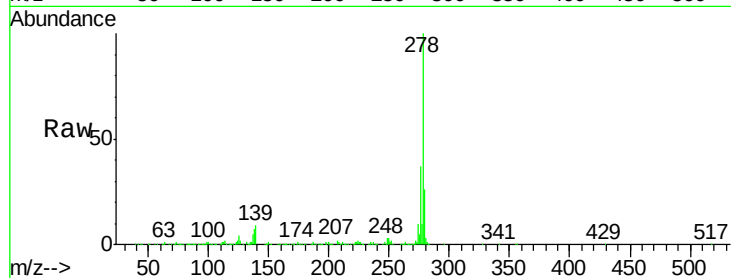
#91
Dibenzo(a,h)anthracene
Concen: 58.199 ng
RT: 28.37 min Scan# 4303
Delta R.T. -0.02 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Instrument :
BNA_G
ClientSampleId :
CL-02-060920MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.8	11.8
279	25.8	19.8	29.8

Manual Integrations
APPROVED

mohammad
6/15/2020 8:44:52 AM



#92
Benzo(g,h,i)perylene
Concen: 58.157 ng
RT: 29.42 min Scan# 4482
Delta R.T. -0.02 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.1	27.1
138	11.8	10.2	15.4

