

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045591.D
 Acq On : 3 Jun 2020 21:42
 Operator : CG/JU
 Sample : L2837-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPMS

Manual Integrations
 APPROVED

mohammad
 6/4/2020 12:11:29 PM

Quant Time: Jun 04 03:56:48 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	7.95	152	67329	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	264438	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	183997	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	389204	20.00	ng	0.00
76) Chrysene-d12	21.61	240	361375	20.00	ng	0.00
87) Perylene-d12	24.75	264	411727	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	414026	120.18	ng	0.00
7) Phenol-d6	7.15	99	601151	122.60	ng	0.00
23) Nitrobenzene-d5	9.12	82	389923	80.41	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	287807	122.31	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	911249	84.01	ng	0.00
79) Terphenyl-d14	19.96	244	1323361	85.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	65204	38.166	ng	92
3) Pyridine	3.80	79	161553	33.953	ng	96
4) n-Nitrosodimethylamine	3.72	42	72399	46.500	ng	86
6) Aniline	7.28	93	205574	32.115	ng	97
8) 2-Chlorophenol	7.53	128	202371	53.565	ng	99
9) Benzaldehyde	7.08	77	123244	38.577	ng	97
10) Phenol	7.18	94	271158	53.655	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	187989	47.690	ng	99
12) 1,3-Dichlorobenzene	7.84	146	215219	47.403	ng	97
13) 1,4-Dichlorobenzene	7.99	146	216536	48.328	ng	94
14) 1,2-Dichlorobenzene	8.31	146	203594	47.244	ng	98
15) Benzyl Alcohol	8.20	79	203869	50.329	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	176595	47.195	ng	99
17) 2-Methylphenol	8.42	107	178441	47.173	ng	95
18) Hexachloroethane	9.04	117	85863	50.036	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	166069	48.976	ng	97
20) 3+4-Methylphenols	8.75	107	244446	47.456	ng	92
22) Acetophenone	8.77	105	303234	48.382	ng	98
24) Nitrobenzene	9.16	77	254626	49.009	ng	97
25) Isophorone	9.68	82	461984	48.375	ng	98
26) 2-Nitrophenol	9.87	139	117391	52.818	ng	94
27) 2,4-Dimethylphenol	9.95	122	194502	59.005	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	252872	50.490	ng	98
29) 2,4-Dichlorophenol	10.43	162	208286	53.508	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	230654	50.146	ng	97
31) Naphthalene	10.81	128	613068	49.751	ng	99
32) Benzoic acid	10.13	122	125979	54.482	ng	88
33) 4-Chloroaniline	10.92	127	103843	20.160	ng	97
34) Hexachlorobutadiene	11.10	225	162807	50.073	ng	99
35) Caprolactam	11.69	113	71938m	50.349	ng	
36) 4-Chloro-3-methylphenol	12.08	107	236597	53.939	ng	96
37) 2-Methylnaphthalene	12.42	142	470073	51.181	ng	97
38) 1-Methylnaphthalene	12.64	142	443784m	51.151	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	266529	51.861	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045591.D
 Acq On : 3 Jun 2020 21:42
 Operator : CG/JU
 Sample : L2837-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPMS

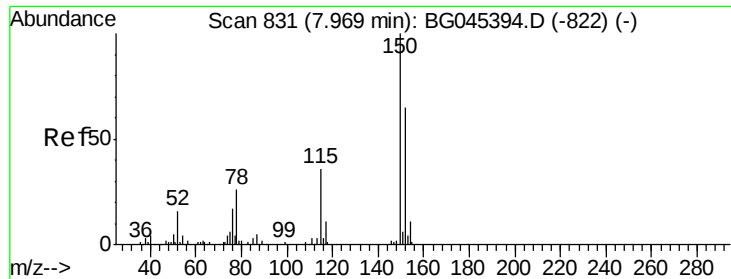
Manual Integrations
 APPROVED

mohammad
 6/4/2020 12:11:29 PM

Quant Time: Jun 04 03:56:48 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	12.78	237	309003	104.170	ng	100
43) 2,4,6-Trichlorophenol	13.04	196	184061	51.556	ng	97
44) 2,4,5-Trichlorophenol	13.12	196	200373	49.115	ng	98
46) 1,1'-Biphenyl	13.43	154	606761	53.668	ng	99
47) 2-Chloronaphthalene	13.47	162	459453	50.045	ng	98
48) 2-Nitroaniline	13.67	65	147385	48.804	ng	91
49) Acenaphthylene	14.32	152	757866	51.393	ng	99
50) Dimethylphthalate	14.06	163	738776	58.531	ng	99
51) 2,6-Dinitrotoluene	14.17	165	137049	48.118	ng	98
52) Acenaphthene	14.66	154	554611m	56.186	ng	
53) 3-Nitroaniline	14.51	138	78087	26.970	ng	96
54) 2,4-Dinitrophenol	14.71	184	163048	86.886	ng	97
55) Dibenzofuran	15.00	168	718563	49.020	ng	98
56) 4-Nitrophenol	14.85	139	220969	100.806	ng	98
57) 2,4-Dinitrotoluene	14.97	165	195638	47.428	ng	96
58) Fluorene	15.65	166	588603	48.876	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	188853	52.617	ng	97
60) Diethylphthalate	15.42	149	617267	46.985	ng	97
61) 4-Chlorophenyl-phenylether	15.64	204	329122	47.759	ng	99
62) 4-Nitroaniline	15.67	138	131165	43.395	ng	98
63) Azobenzene	15.94	77	590128	48.174	ng	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	123664	54.556	ng	96
66) n-Nitrosodiphenylamine	15.86	169	522797	55.945	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	214408	50.875	ng	99
68) Hexachlorobenzene	16.66	284	232645	52.778	ng	99
69) Atrazine	16.81	200	189814	49.315	ng	98
70) Pentachlorophenol	17.01	266	258798	113.072	ng	97
71) Phenanthrene	17.39	178	858135	50.505	ng	99
72) Anthracene	17.48	178	898644	52.667	ng	97
73) Carbazole	17.75	167	797356	47.941	ng	98
74) Di-n-butylphthalate	18.31	149	927888	46.481	ng	99
75) Fluoranthene	19.40	202	991094	45.860	ng	99
77) Benzidine	19.58	184	444832	43.828	ng	97
78) Pyrene	19.77	202	1007529	48.909	ng	99
80) Butylbenzylphthalate	20.65	149	411082	46.233	ng	99
81) Benzo(a)anthracene	21.59	228	1012108	50.276	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	142301	18.020	ng	99
83) Chrysene	21.66	228	964711	49.838	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	584787	47.845	ng	98
85) Di-n-octyl phthalate	22.69	149	1008086	48.021	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1302535	51.459	ng	98
88) Benzo(b)fluoranthene	23.77	252	1073851	48.631	ng	99
89) Benzo(k)fluoranthene	23.83	252	1055232	50.866	ng	99
90) Benzo(a)pyrene	24.61	252	992327	48.253	ng	96
91) Dibenzo(a,h)anthracene	28.40	278	1067049	51.634	ng	99
92) Benzo(g,h,i)perylene	29.46	276	1085534	52.521	ng	98

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



#1

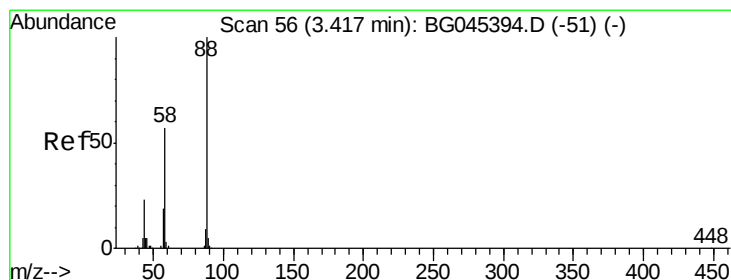
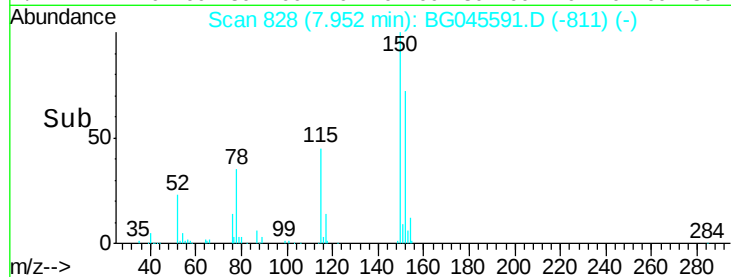
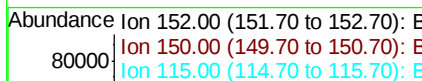
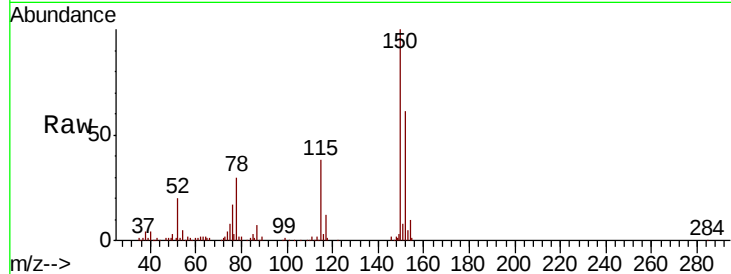
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	122.4	183.6
115	62.3	44.2	66.4

Manual Integrations
APPROVED

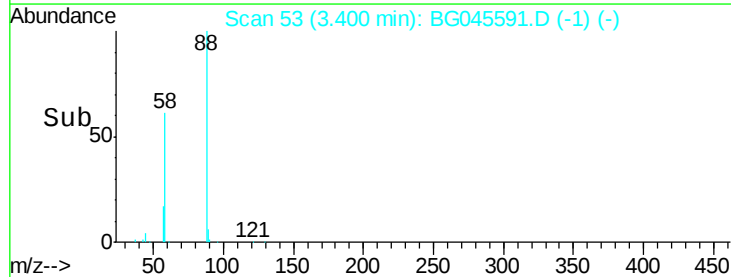
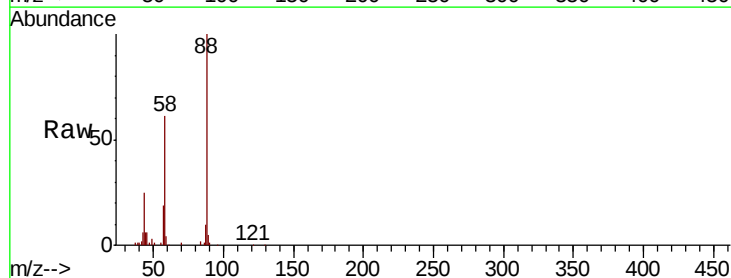
mohammad
6/4/2020 12:11:29 PM

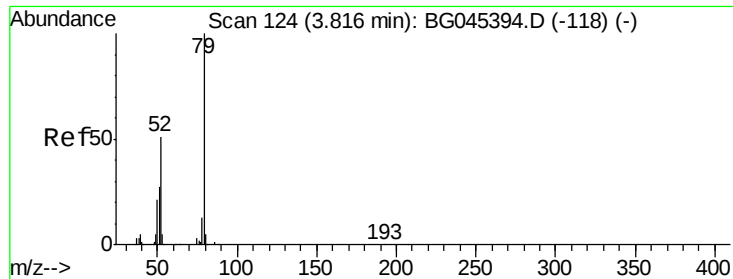


#2

1,4-Dioxane
Concen: 38.166 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.6	45.7	68.5
43	25.0	16.8	25.2





#3

Pvridine

Concen: 33.953 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

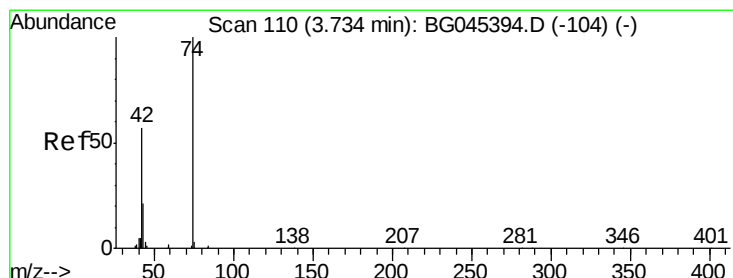
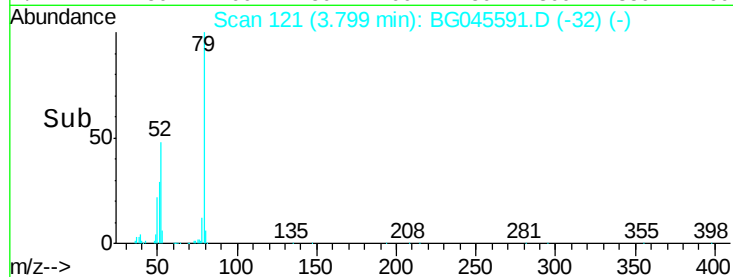
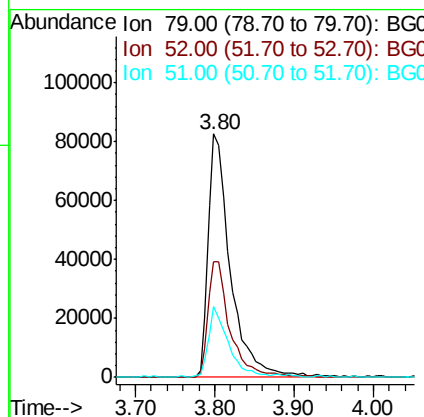
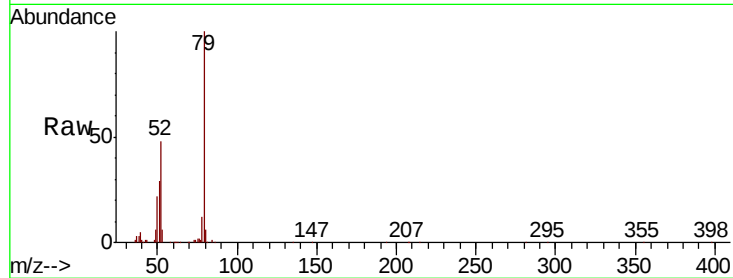
ClientSampleId :

SPMS

Tot Ion:	79	Resp:	161553
Ion Ratio	Lower	Upper	
79	100		
52	47.6	40.8	61.2
51	29.1	21.9	32.9

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#4

n-Nitrosodimethylamine

Concen: 46.500 ng

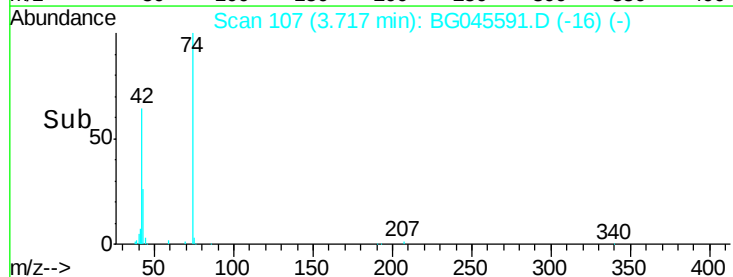
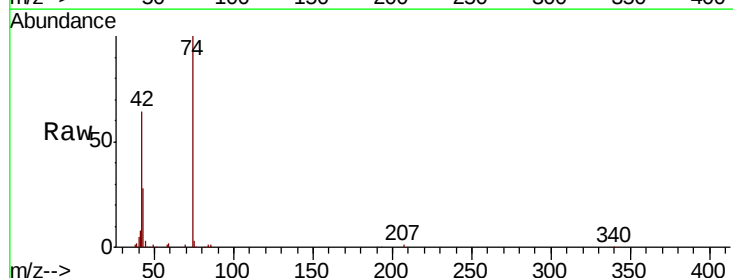
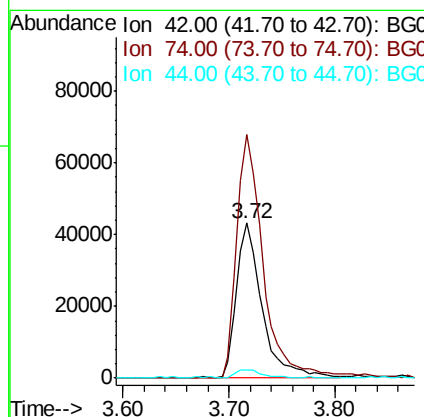
RT: 3.72 min Scan# 107

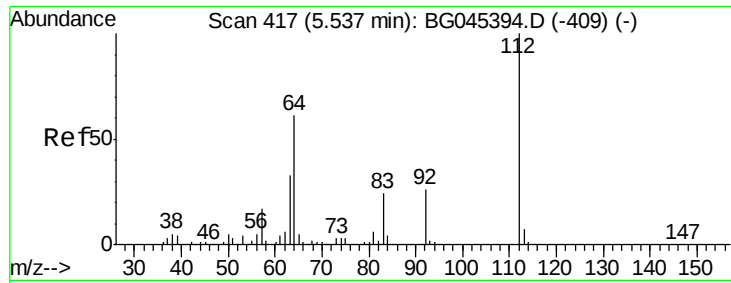
Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Tgt Ion:	42	Resp:	72399
Ion Ratio	Lower	Upper	
42	100		
74	156.9	141.3	211.9
44	5.2	4.2	6.4





#5

2-Fluorophenol

Concen: 120.175 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

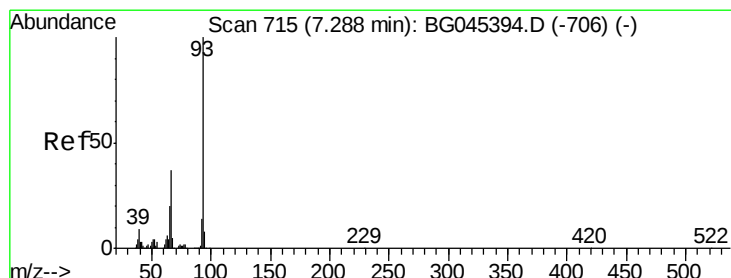
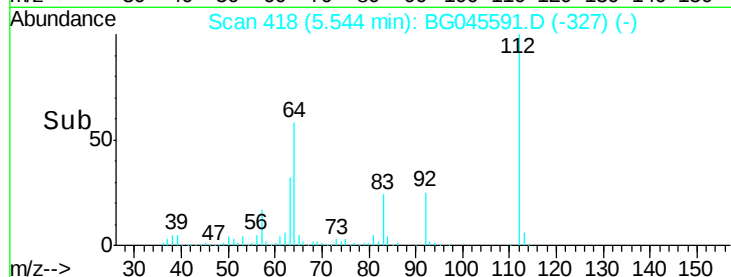
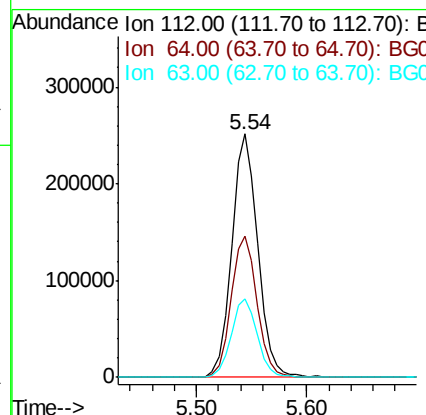
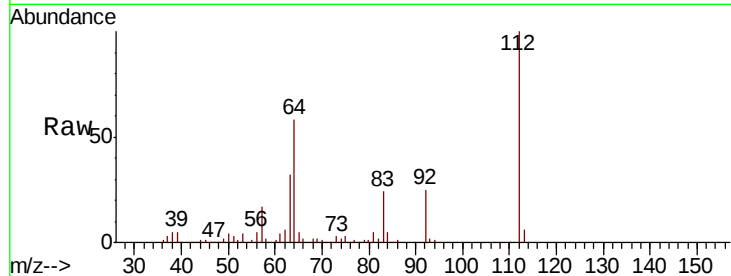
ClientSampled :

SPMS

Tot Ion:	112	Resp:	414026
Ion Ratio	Lower	Upper	
112	100		
64	57.9	48.6	72.8
63	32.2	26.5	39.7

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#6

Aniline

Concen: 32.115 ng

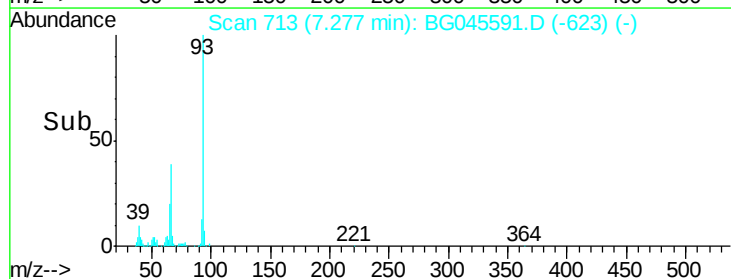
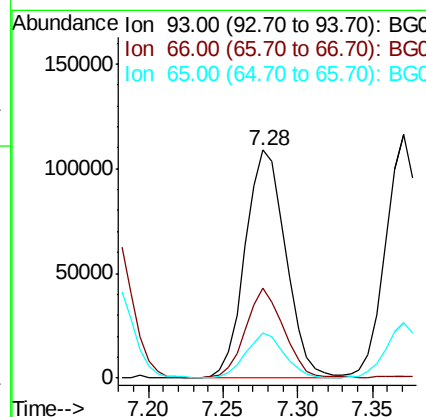
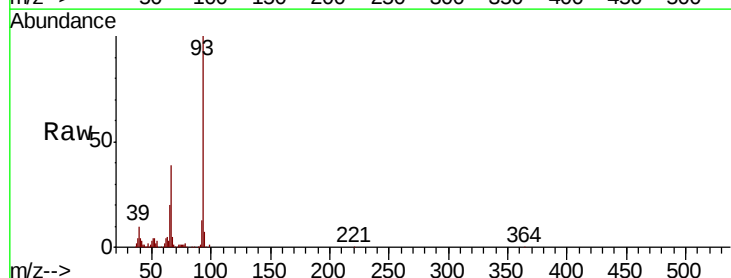
RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Tgt Ion:	93	Resp:	205574
Ion Ratio	Lower	Upper	
93	100		
66	39.3	29.6	44.4
65	19.9	15.9	23.9





#7

Phenol-d6

Concen: 122.596 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

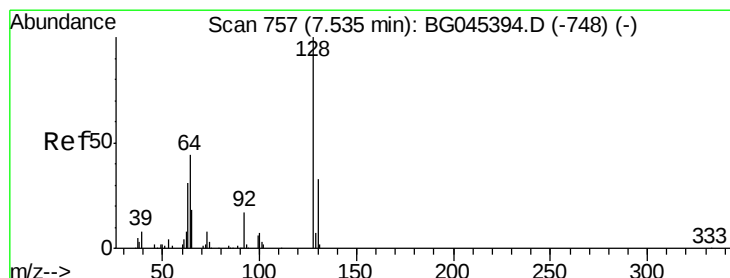
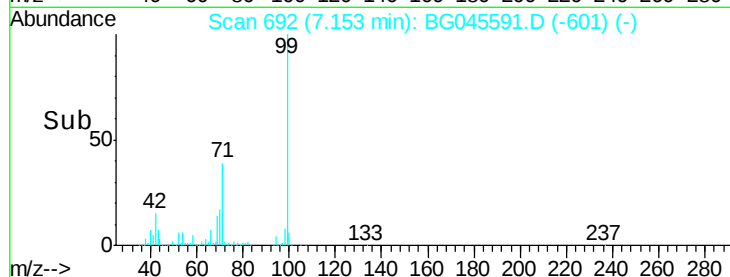
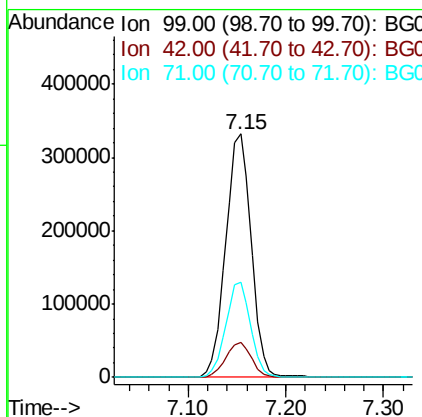
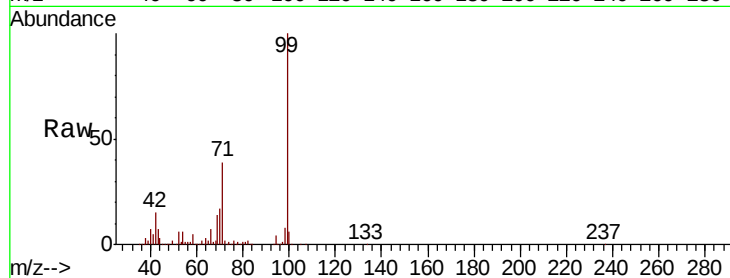
ClientSampleId :

SPMS

Tot Ion:	99	Resp:	601151
Ion Ratio	Lower	Upper	
99	100		
42	14.5	11.3	16.9
71	39.0	30.8	46.2

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#8

2-Chlorophenol

Concen: 53.565 ng

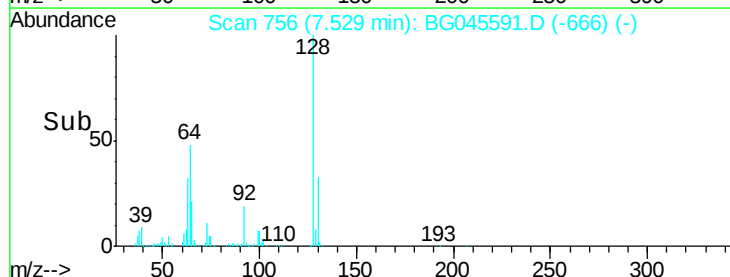
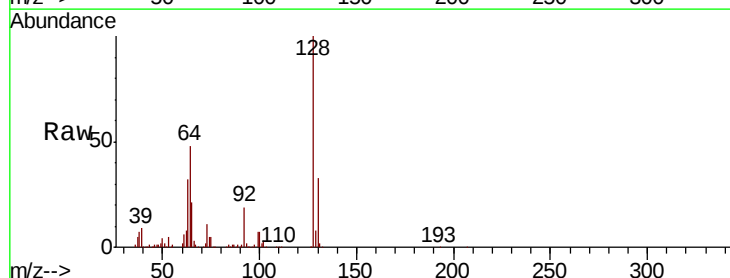
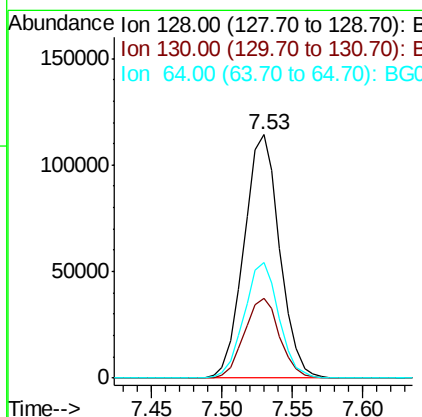
RT: 7.53 min Scan# 756

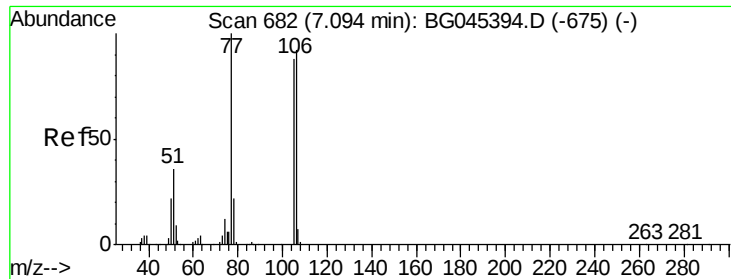
Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Tgt Ion:	128	Resp:	202371
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.6	52.6
64	47.6	27.0	67.0





#9

Benzaldehyde

Concen: 38.577 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

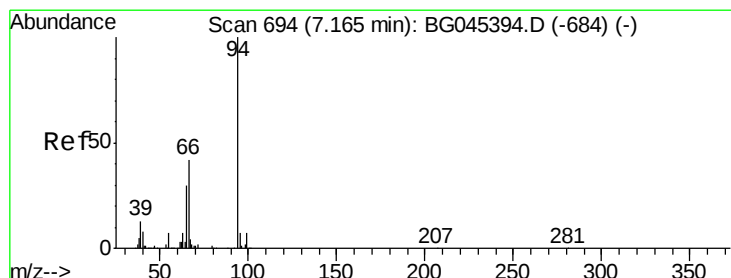
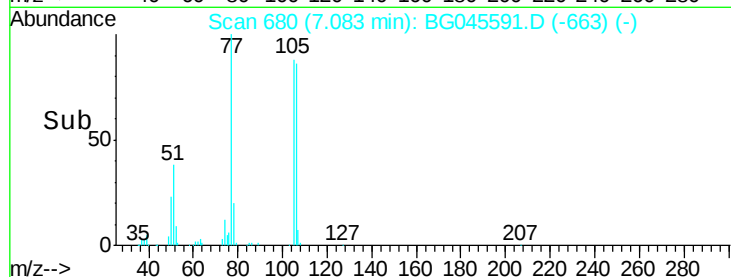
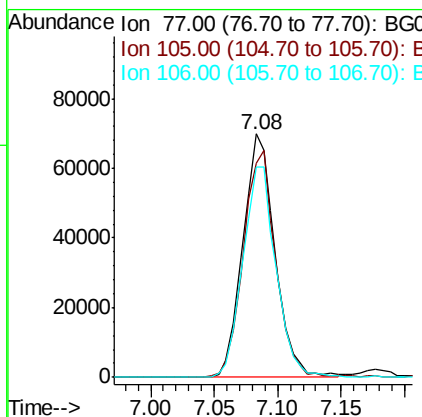
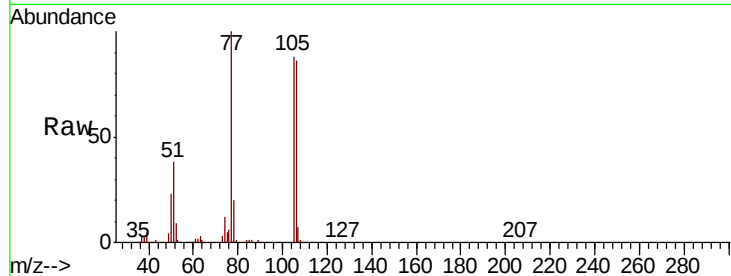
ClientSampled :

SPMS

Tot Ion:	77	Resp:	123244
Ion Ratio	Lower	Upper	
77	100		
105	87.7	68.5	108.5
106	86.4	71.6	111.6

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#10

Phenol

Concen: 53.655 ng

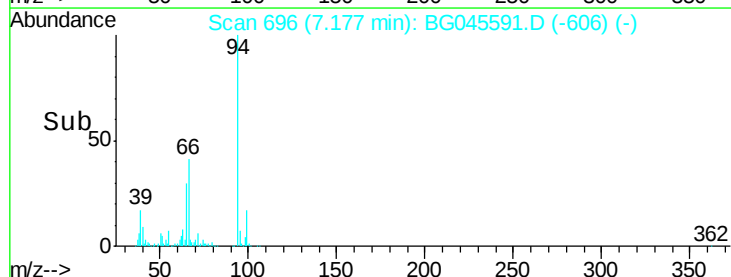
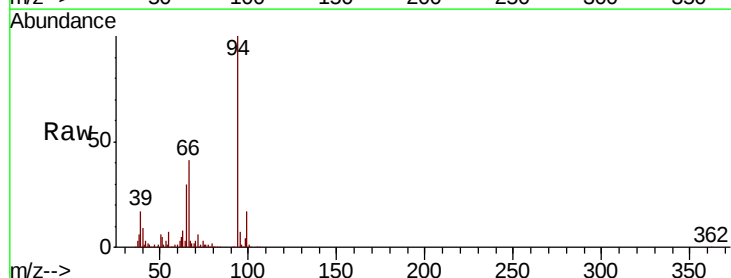
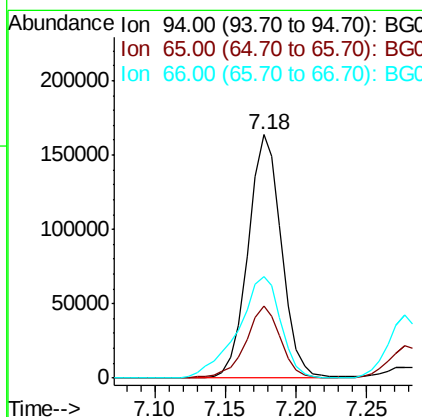
RT: 7.18 min Scan# 696

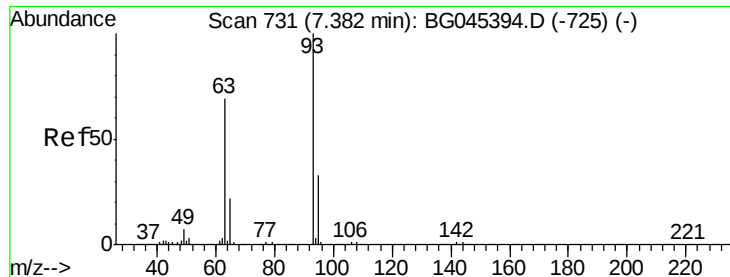
Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Tgt Ion:	94	Resp:	271158
Ion Ratio	Lower	Upper	
94	100		
65	29.5	9.8	49.8
66	41.5	22.0	62.0





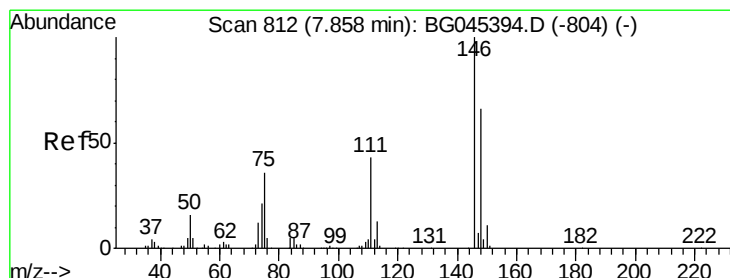
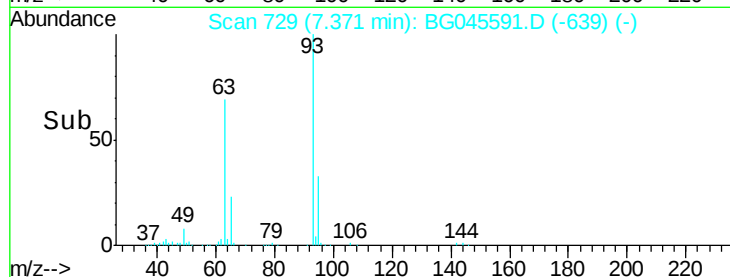
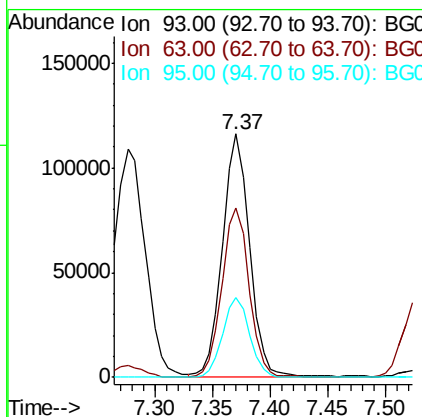
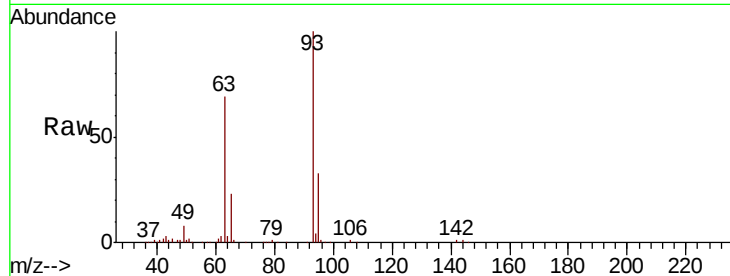
#11
bis(2-Chloroethyl)ether
Concen: 47.690 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	187989		
63	69.3		48.4	88.4
95	32.8		12.4	52.4

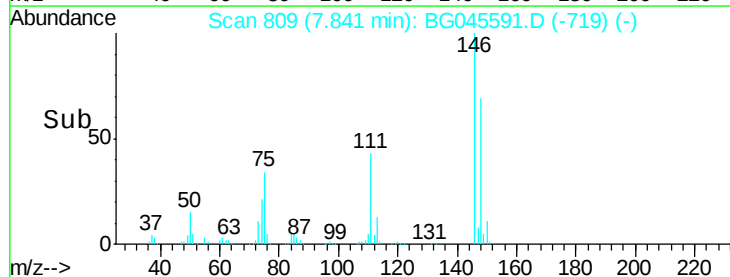
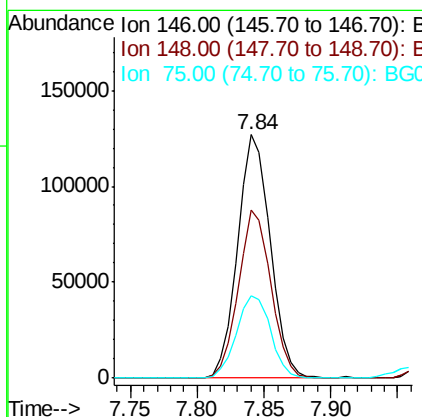
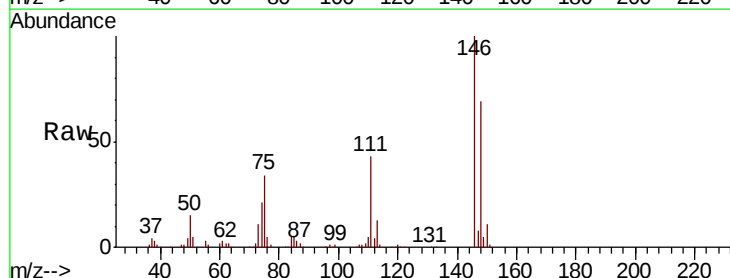
Manual Integrations
APPROVED

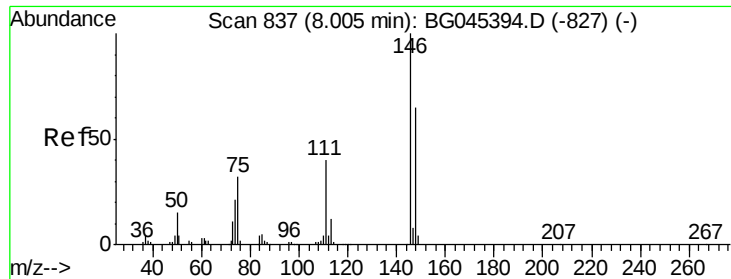
mohammad
6/4/2020 12:11:29 PM



#12
1,3-Dichlorobenzene
Concen: 47.403 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	215219		
148	69.1		53.2	79.8
75	33.6		28.6	43.0





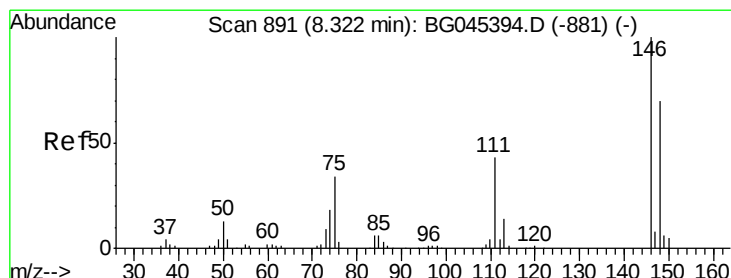
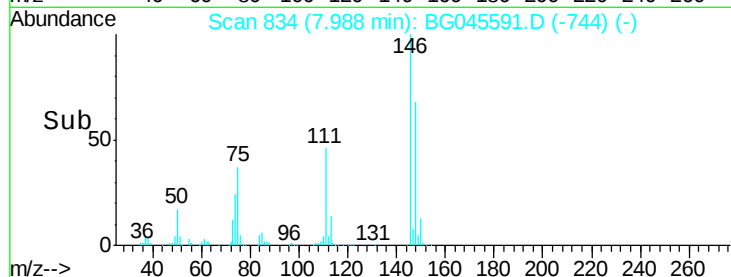
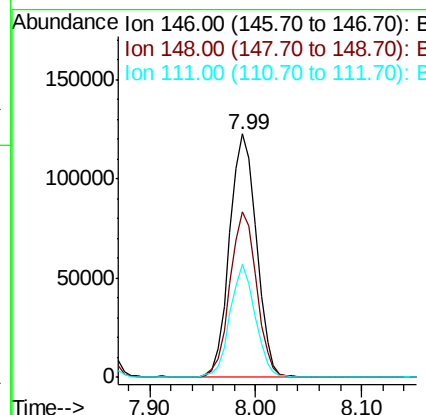
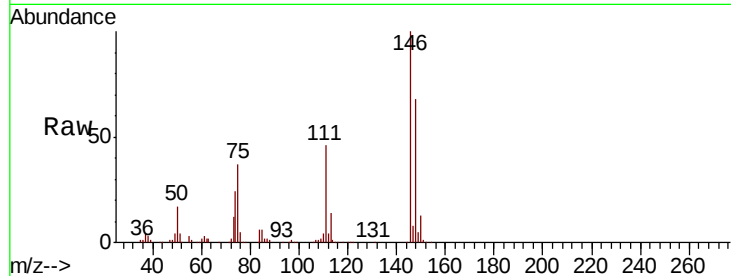
#13
 1,4-Dichlorobenzene
 Concen: 48.328 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Instrument :
 BNA_G
 ClientSampleId :
 SPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.1	51.8	77.8
111	46.3	32.1	48.1

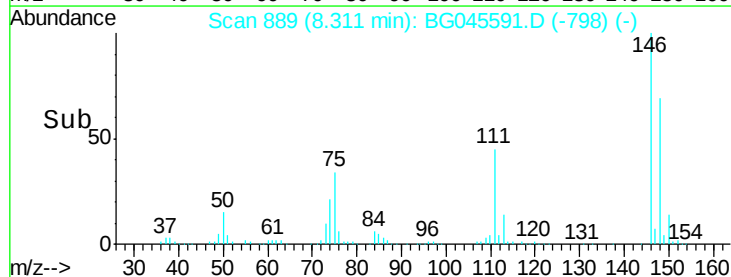
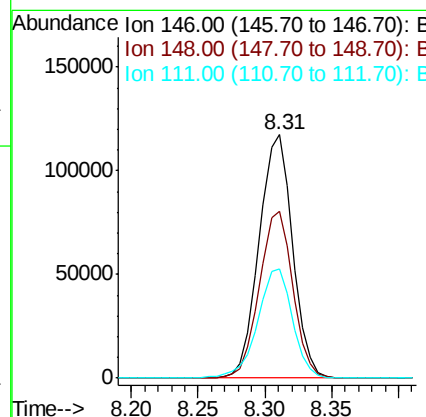
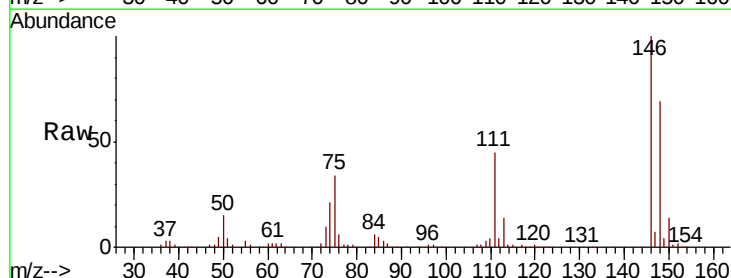
Manual Integrations
 APPROVED

mohammad
 6/4/2020 12:11:29 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.244 ng
 RT: 8.31 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	55.9	83.9
111	44.6	35.0	52.4





#15

Benzyl Alcohol

Concen: 50.329 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

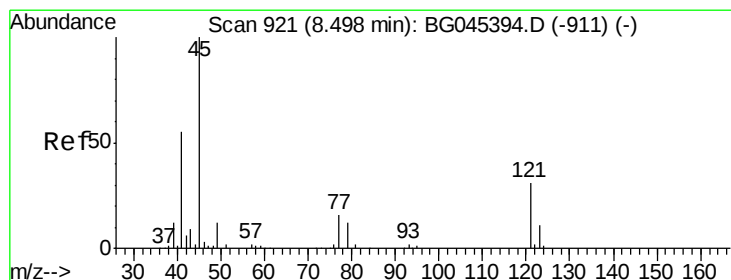
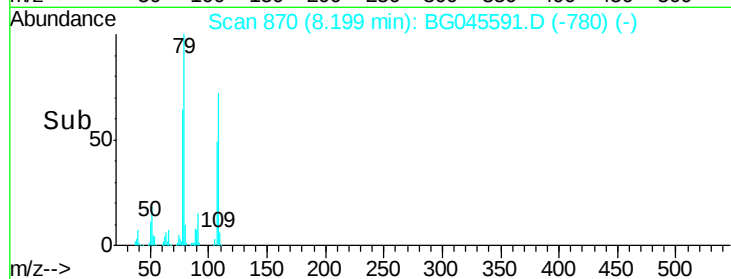
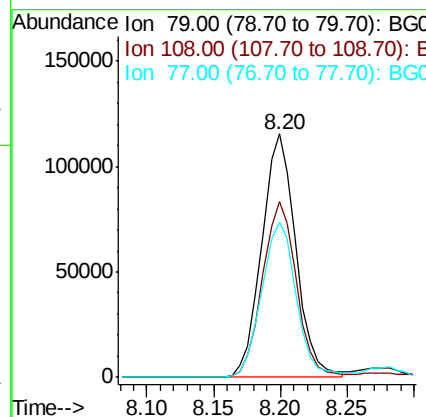
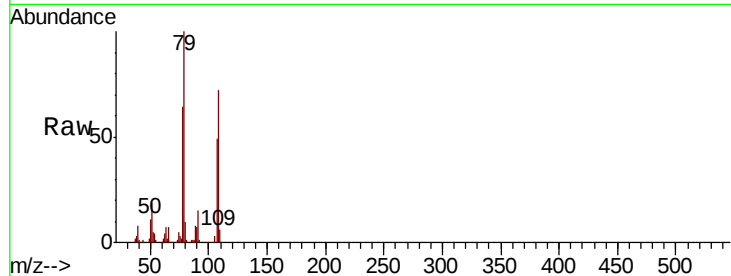
ClientSampleId :

SPMS

Tot Ion	79	Resp	203869
Ion Ratio	Lower	Upper	
79	100		
108	72.5	58.2	87.4
77	64.0	51.0	76.4

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.195 ng

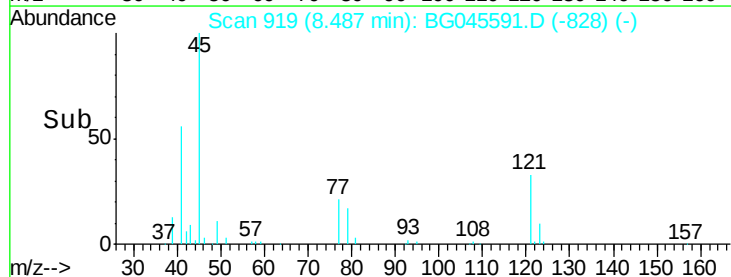
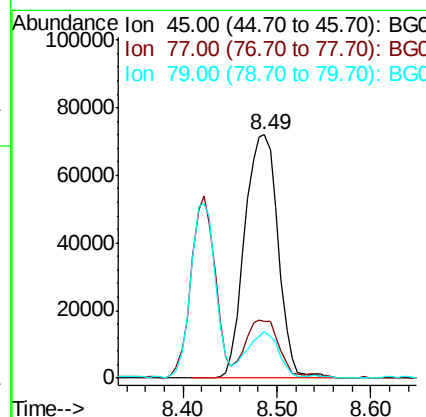
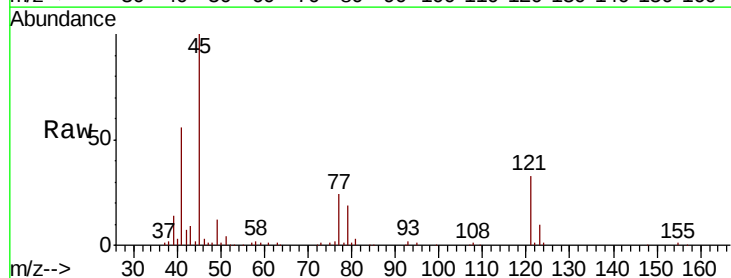
RT: 8.49 min Scan# 919

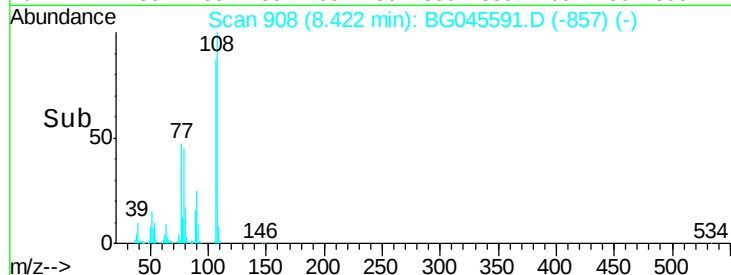
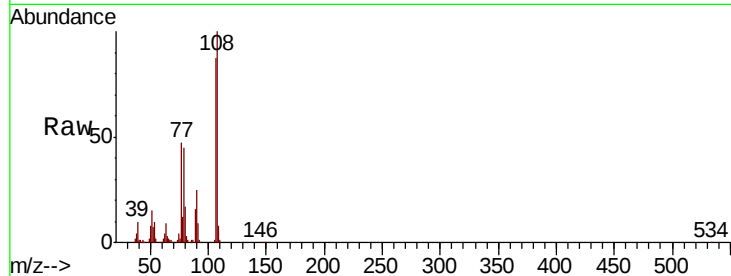
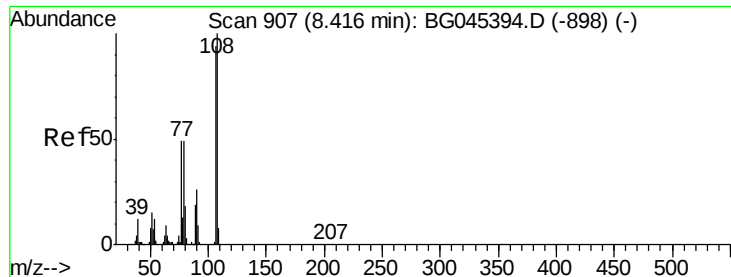
Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Tgt Ion	45	Resp	176595
Ion Ratio	Lower	Upper	
45	100		
77	23.5	4.0	44.0
79	19.3	0.0	38.6





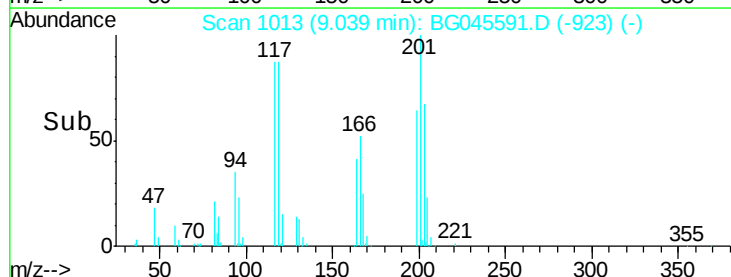
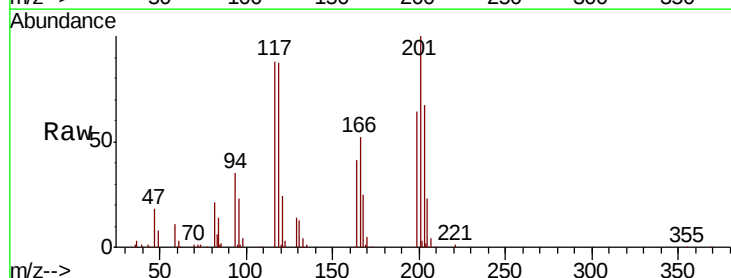
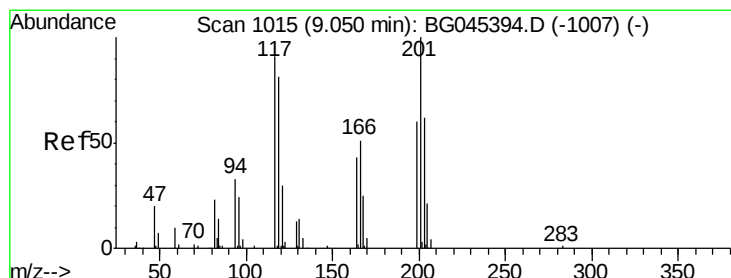
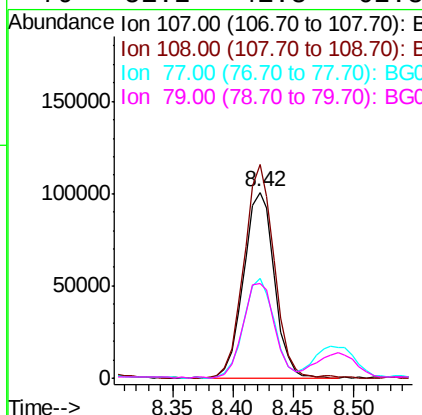
#17
2-Methylphenol
Concen: 47.173 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tot Ion	107	Resp	178441
Ion Ratio	Lower	Upper	
107	100		
108	114.9	85.2	127.8
77	53.6	41.6	62.4
79	51.2	41.8	62.8

Instrument :
BNA_G
ClientSampleId :
SPMS

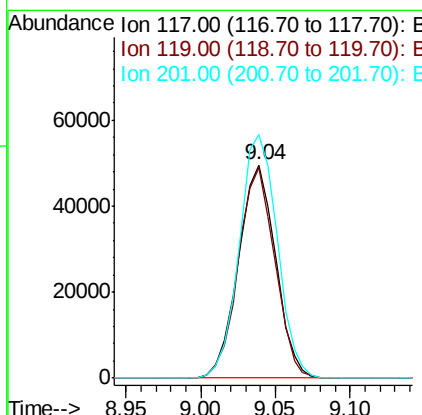
Manual Integrations
APPROVED

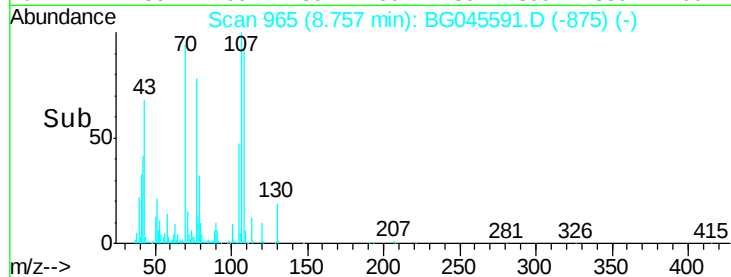
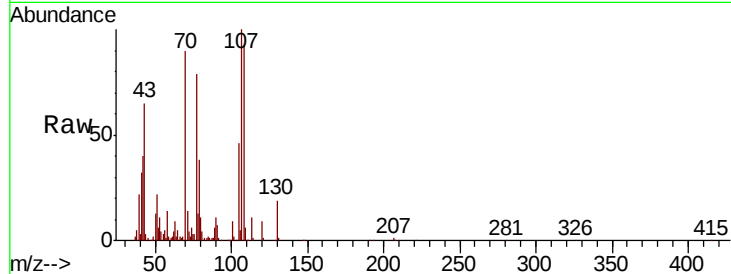
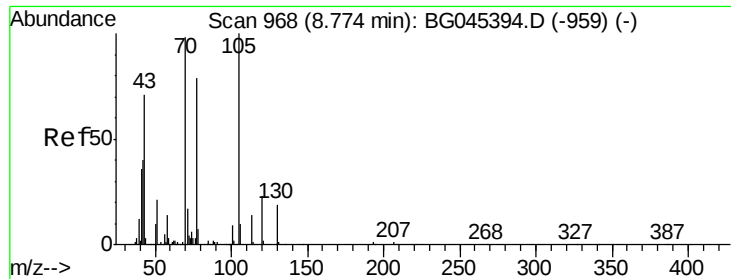
mohammad
6/4/2020 12:11:29 PM



#18
Hexachloroethane
Concen: 50.036 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	117	Resp	85863
Ion Ratio	Lower	Upper	
117	100		
119	98.8	71.3	106.9
201	114.3	87.5	131.3





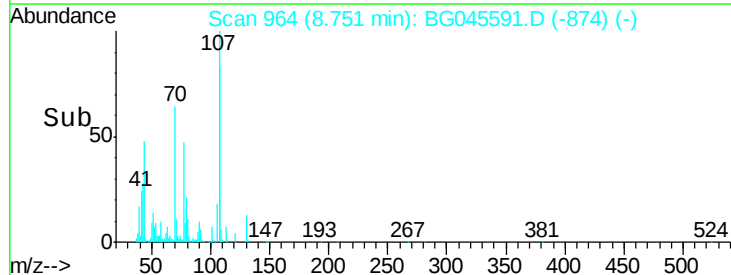
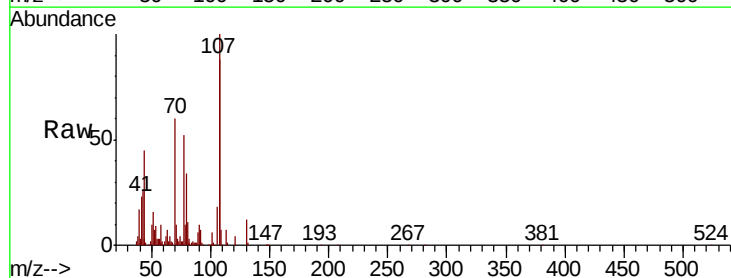
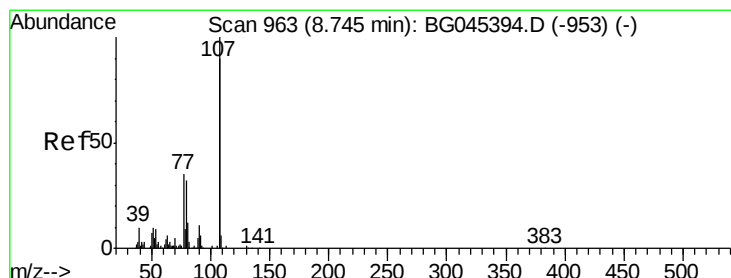
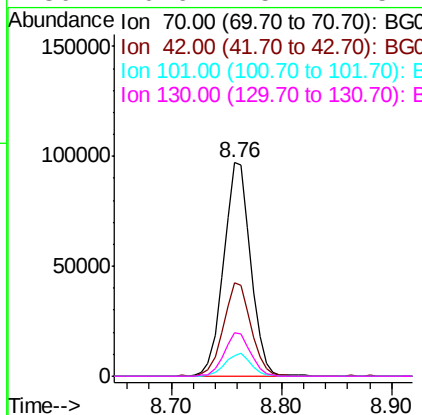
#19
n-Nitroso-di-n-propylamine
Concen: 48.976 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.1	33.2	49.8
101	9.6	7.8	11.6
130	20.6	15.4	23.2

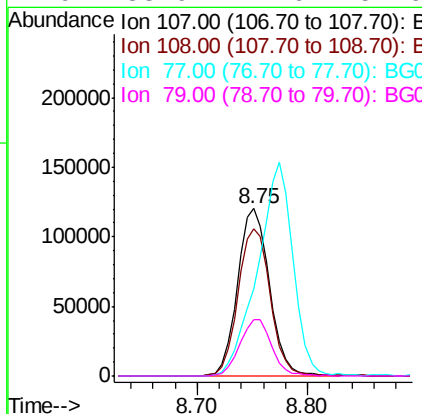
Manual Integrations
APPROVED

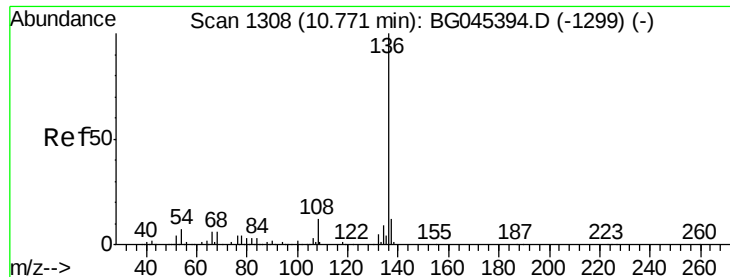
mohammad
6/4/2020 12:11:29 PM



#20
3+4-Methylphenols
Concen: 47.456 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.3	110.3
77	52.1	15.4	55.4
79	33.9	12.6	52.6





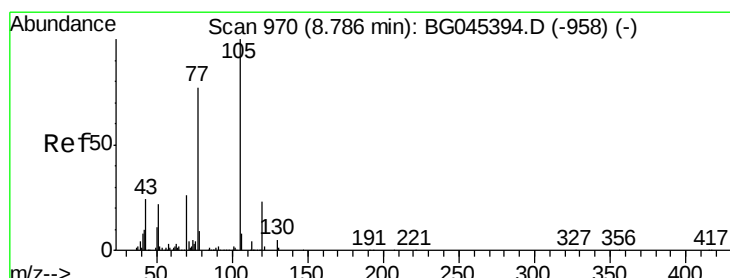
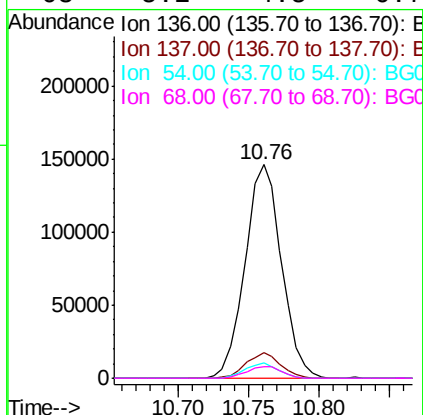
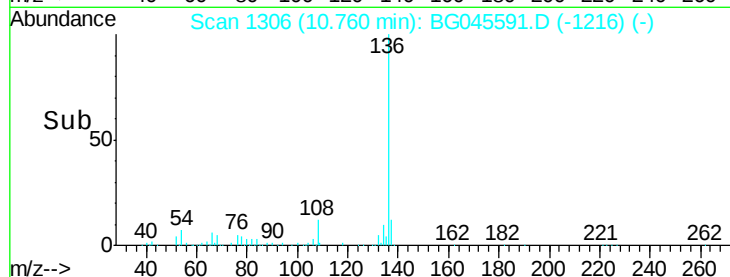
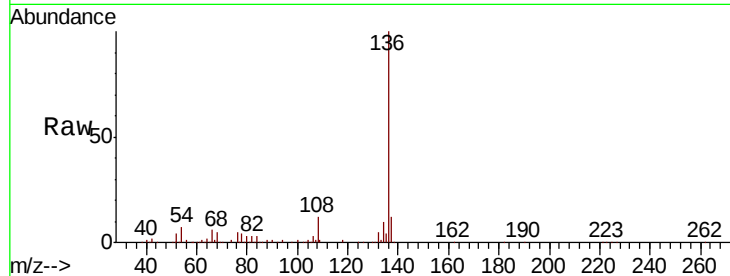
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	264438		
137	12.3		9.4	14.2
54	7.1		5.8	8.6
68	5.2		4.5	6.7

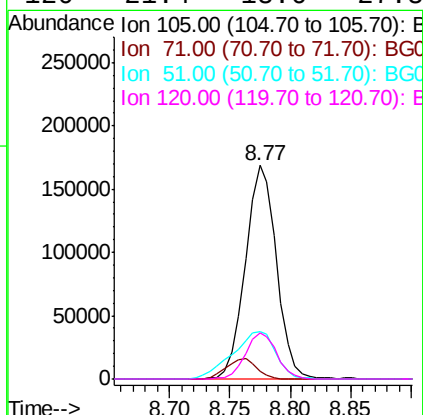
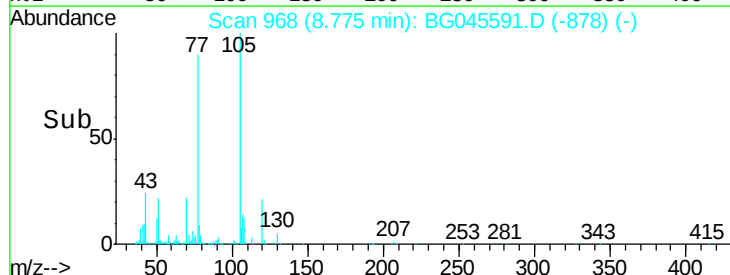
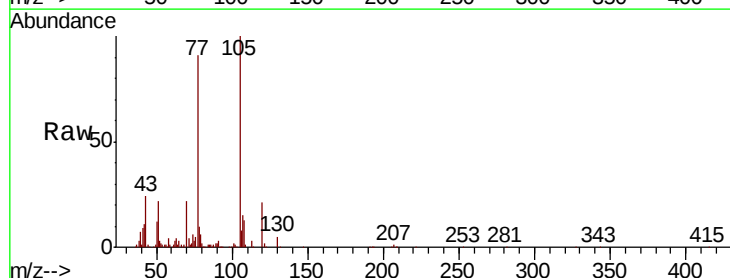
Manual Integrations
APPROVED

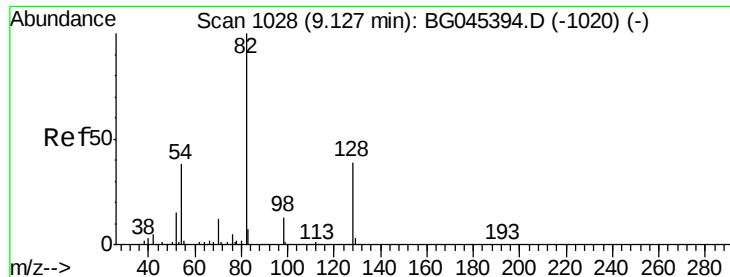
mohammad
6/4/2020 12:11:29 PM



#22
Acetophenone
Concen: 48.382 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	303234		
71	3.6		3.4	5.0
51	22.3		18.2	27.2
120	21.4		18.6	27.8





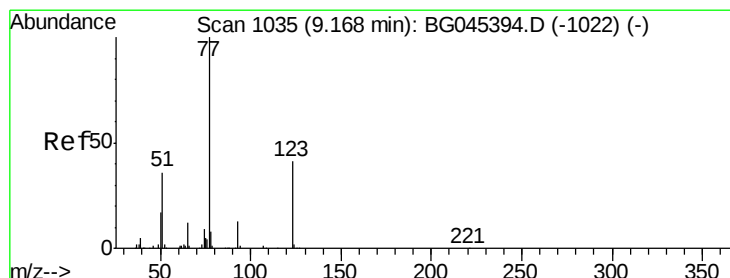
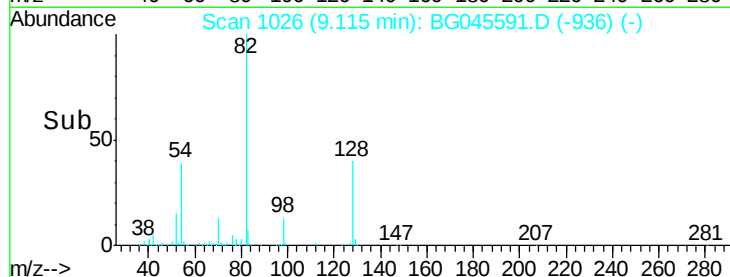
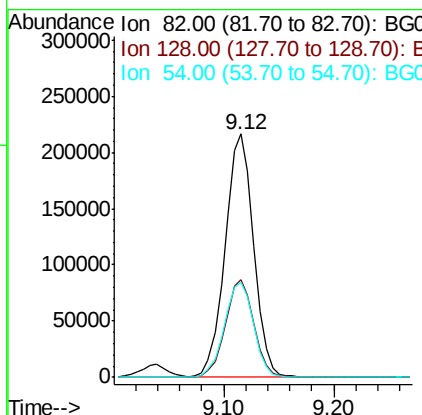
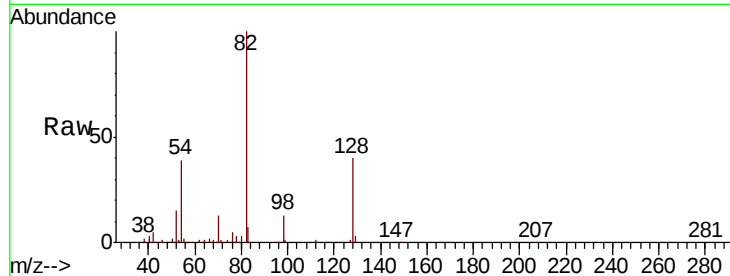
#23
Nitrobenzene-d5
Concen: 80.409 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.9	30.9	46.3	
54	39.2	30.3	45.5	

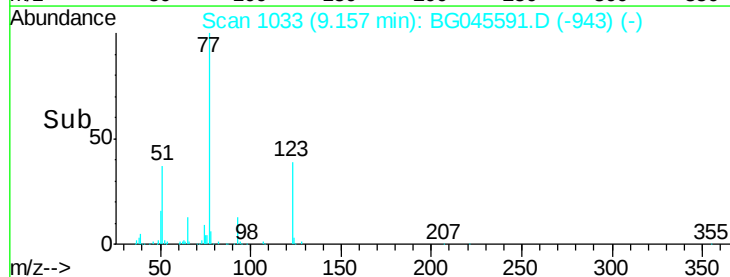
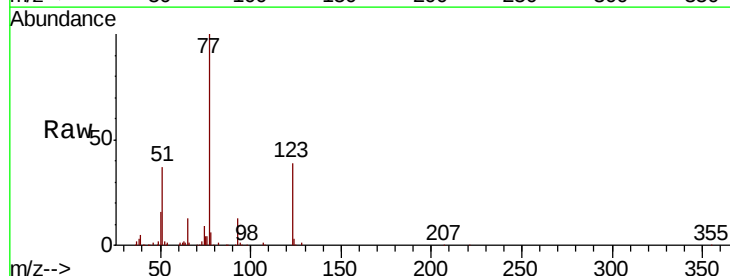
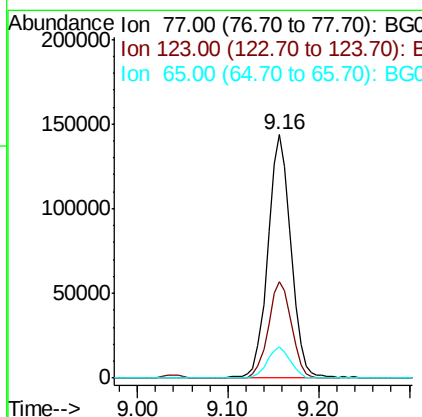
Manual Integrations
APPROVED

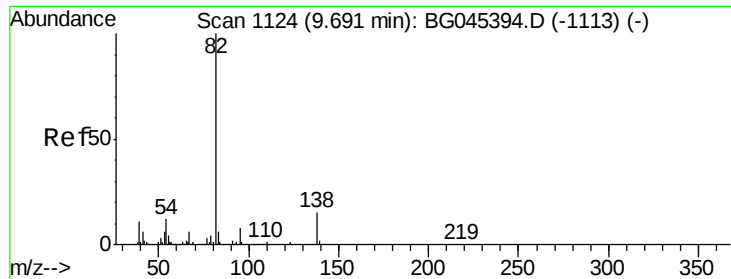
mohammad
6/4/2020 12:11:29 PM



#24
Nitrobenzene
Concen: 49.009 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.4	32.9	49.3	
65	12.7	9.4	14.2	





#25

Isophorone

Concen: 48.375 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

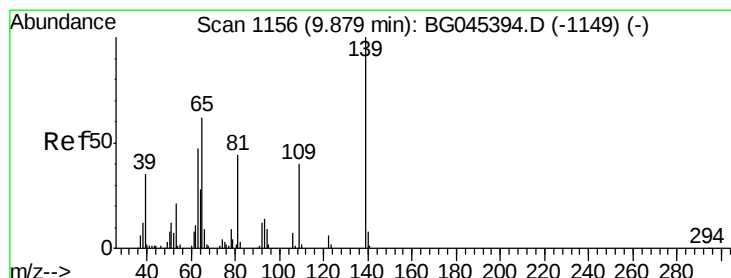
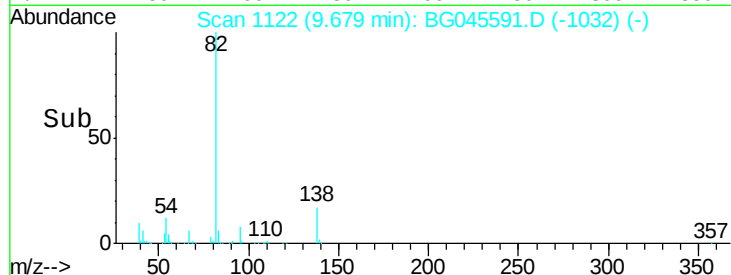
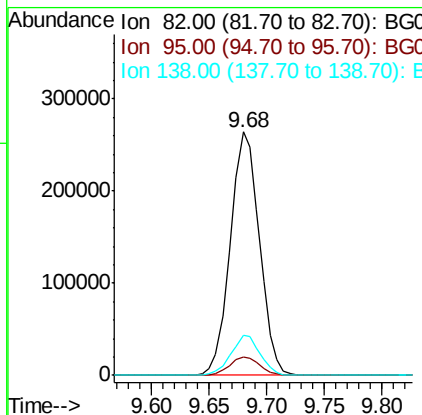
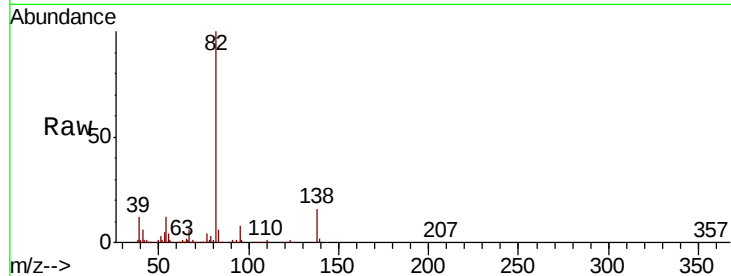
ClientSampleId :

SPMS

Tot Ion:	82	Resp:	461984
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.7	10.1
138	16.4	12.2	18.4

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#26

2-Nitrophenol

Concen: 52.818 ng

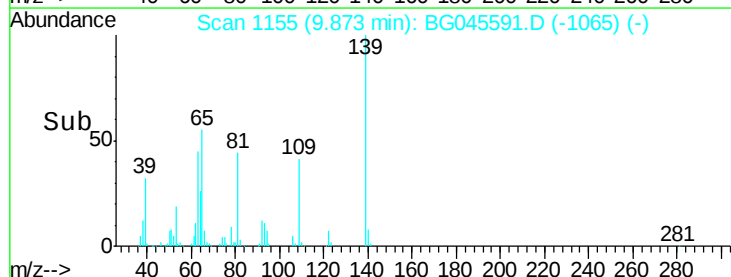
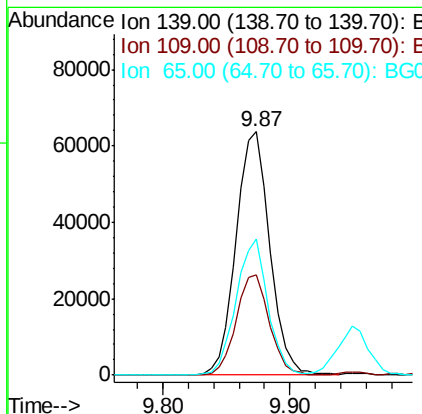
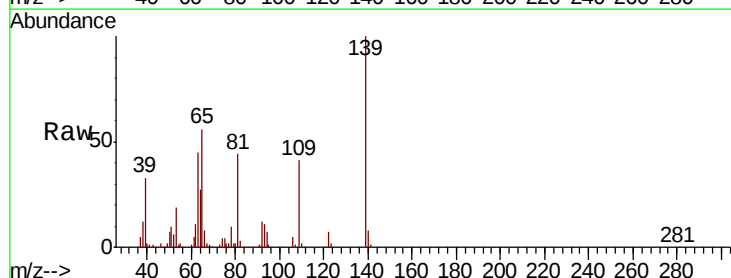
RT: 9.87 min Scan# 1155

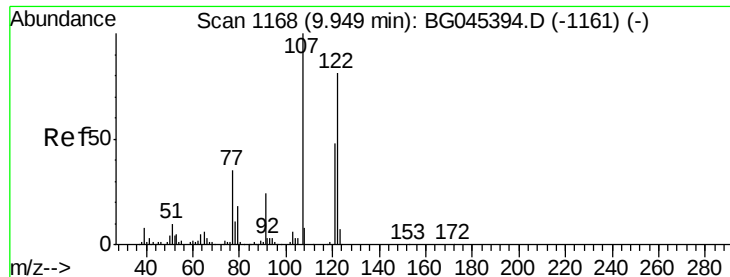
Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Tgt Ion:	139	Resp:	117391
Ion Ratio	Lower	Upper	
139	100		
109	41.2	32.2	48.4
65	55.7	49.6	74.4





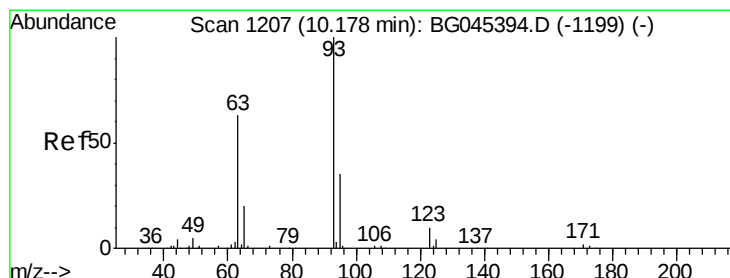
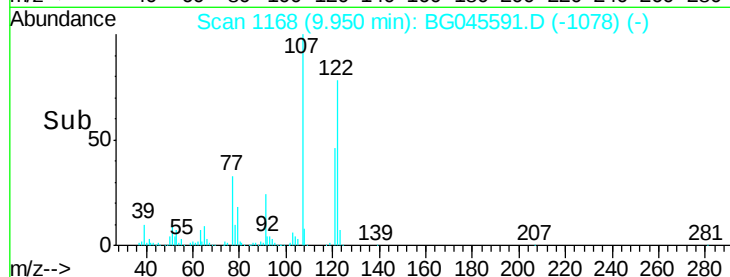
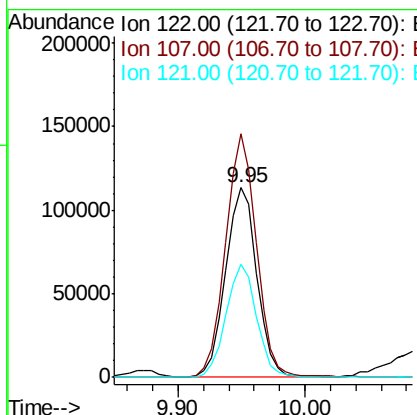
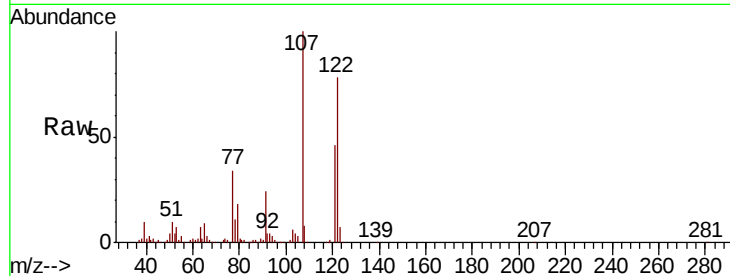
#27
 2,4-Dimethylphenol
 Concen: 59.005 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Instrument :
 BNA_G
 ClientSampleId :
 SPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	194502		
107	128.5	99.0	148.4	
121	59.3	47.7	71.5	

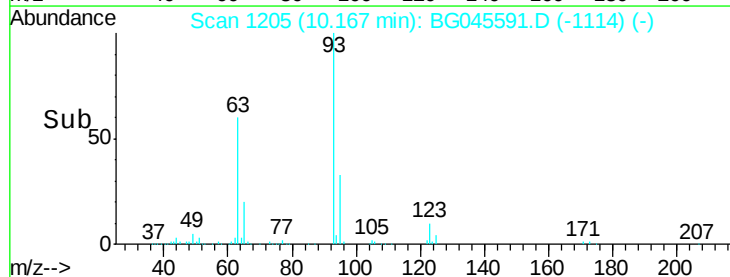
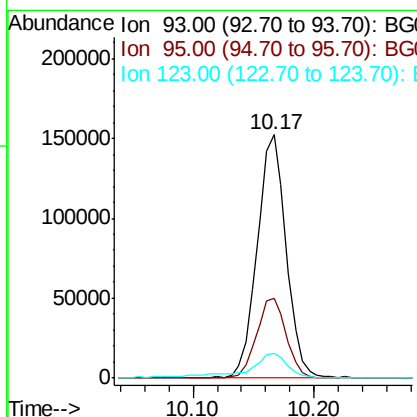
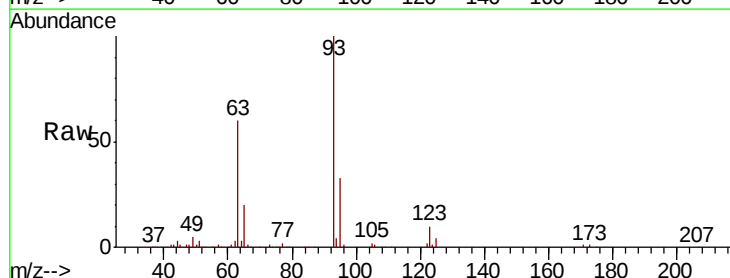
Manual Integrations
 APPROVED

mohammad
 6/4/2020 12:11:29 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.490 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	252872		
95	32.8	27.6	41.4	
123	10.3	8.1	12.1	





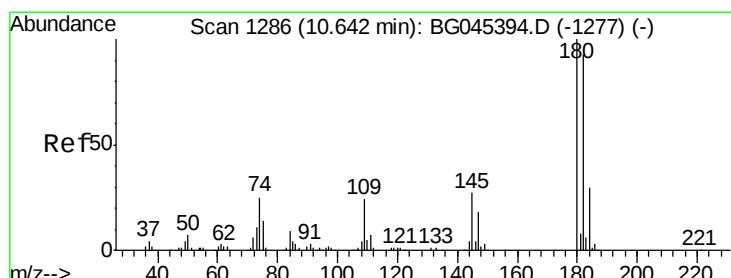
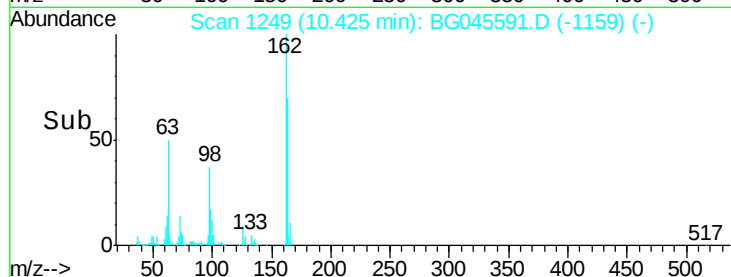
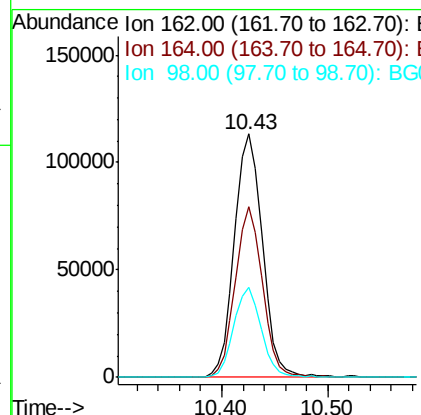
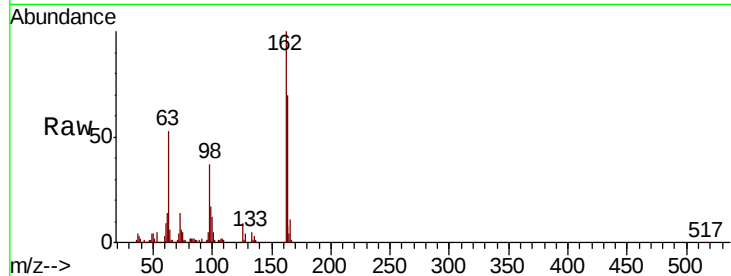
#29
 2,4-Dichlorophenol
 Concen: 53.508 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Instrument :
 BNA_G
 ClientSampled :
 SPMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	70.2	46.8	86.8
98	37.0	15.2	55.2

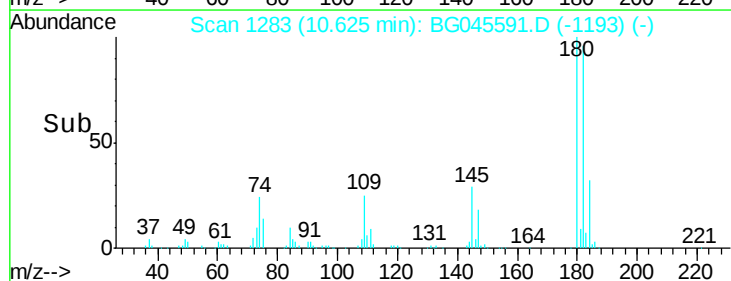
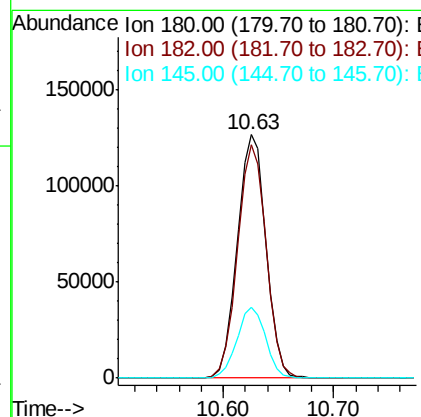
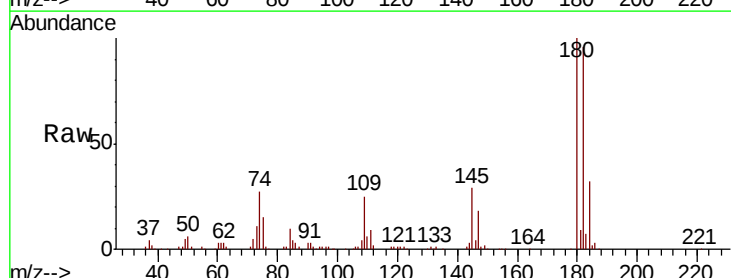
Manual Integrations
 APPROVED

mohammad
 6/4/2020 12:11:29 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 50.146 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.8	112.2
145	29.2	21.9	32.9





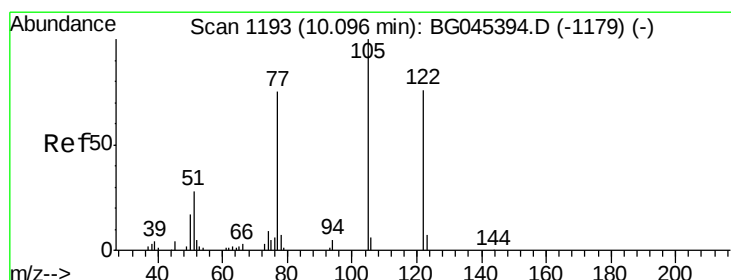
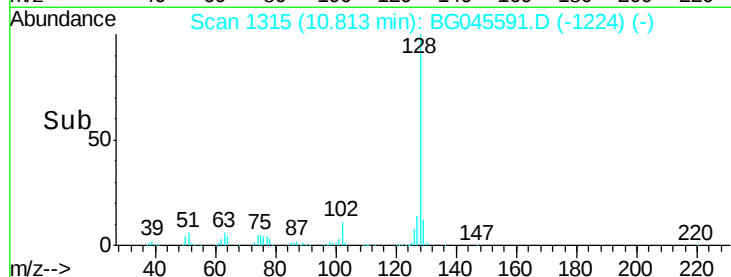
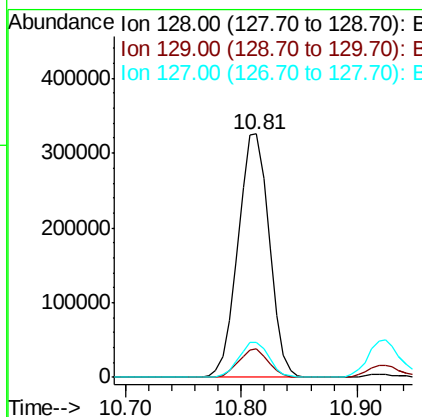
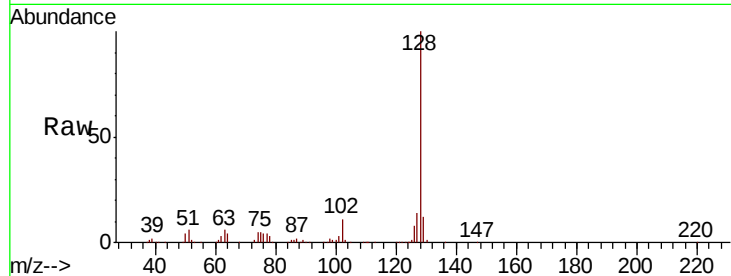
#31
Naphthalene
Concen: 49.751 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.2	10.7	16.1

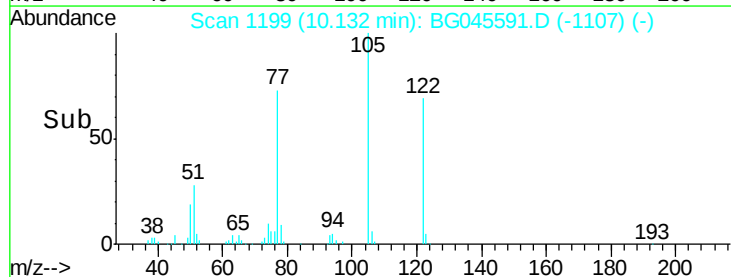
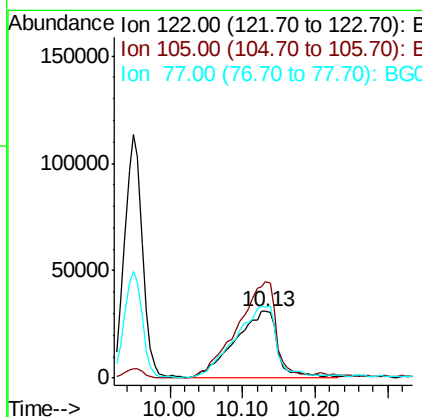
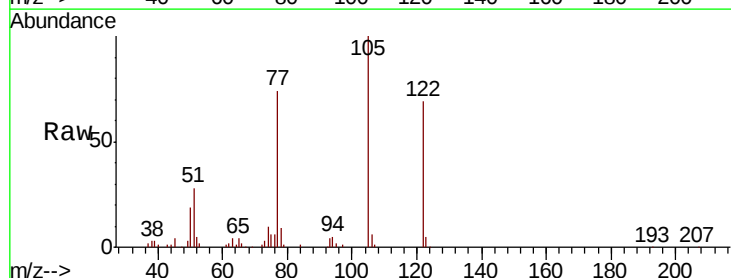
Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#32
Benzoic acid
Concen: 54.482 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	145.0	107.9	147.9
77	107.3	78.9	118.9





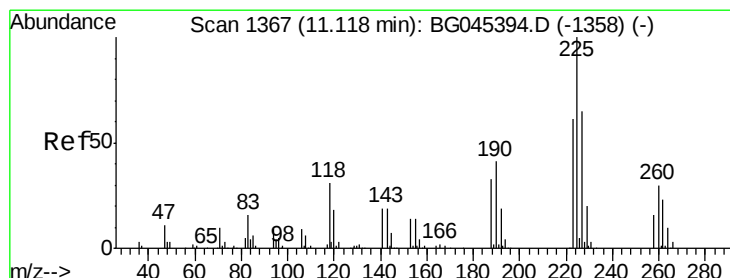
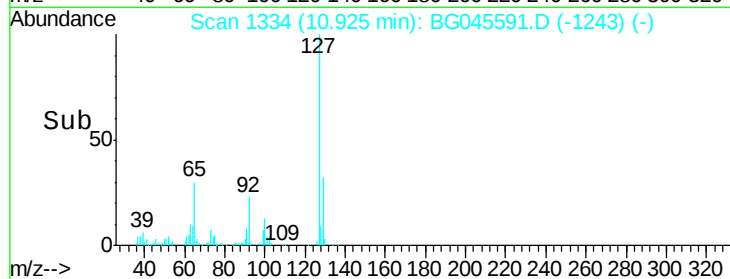
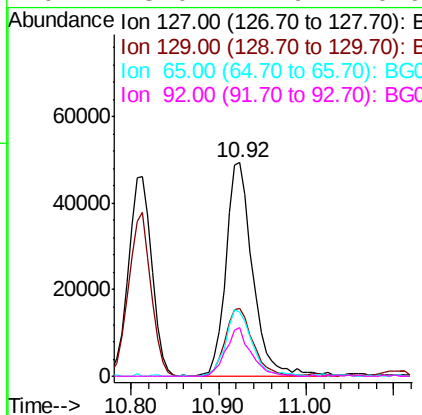
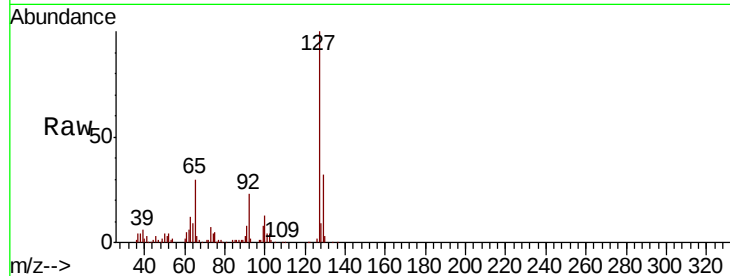
#33
4-Chloroaniline
Concen: 20.160 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	24.7	37.1		
65	30.1	26.2	39.2		
92	23.0	17.9	26.9		

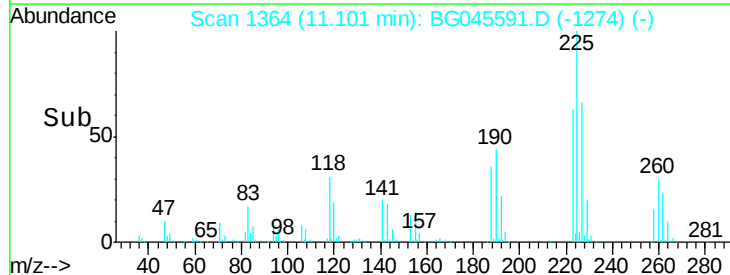
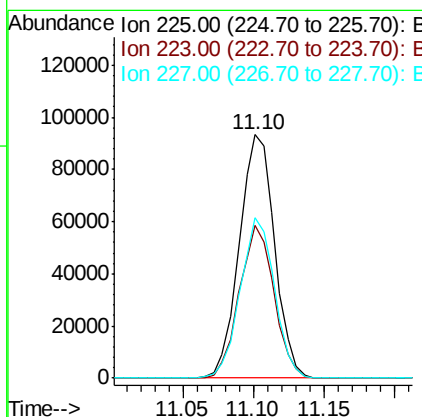
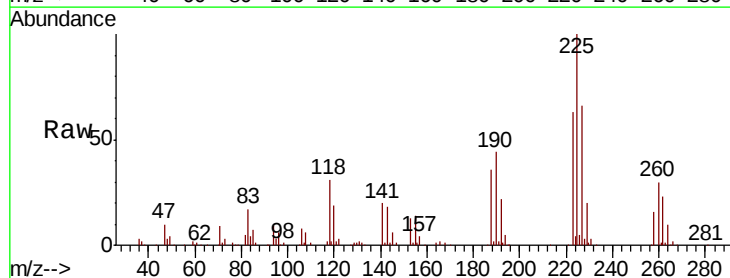
Manual Integrations
APPROVED

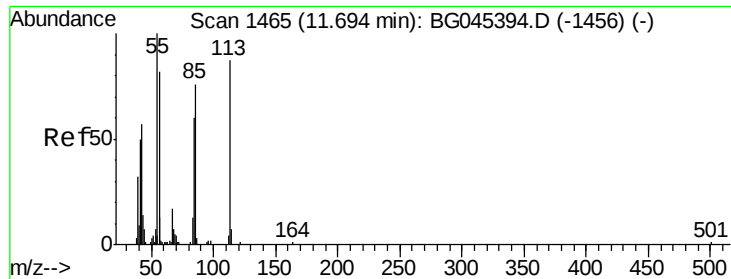
mohammad
6/4/2020 12:11:29 PM



#34
Hexachlorobutadiene
Concen: 50.073 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	49.1	73.7		
227	65.9	52.0	78.0		





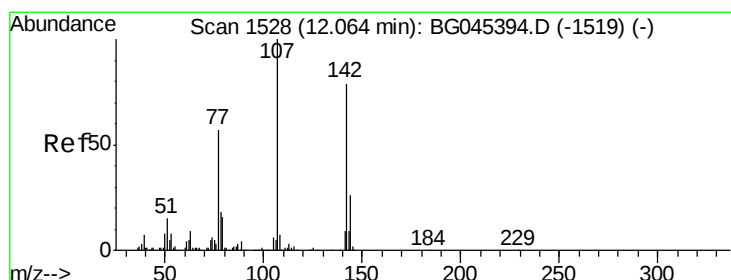
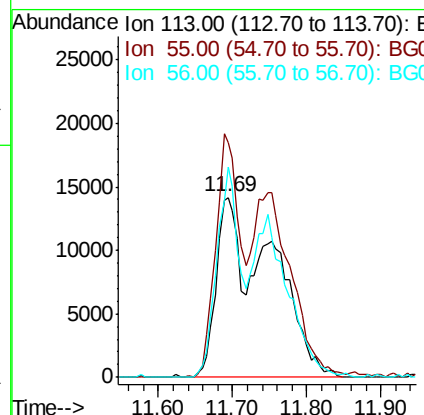
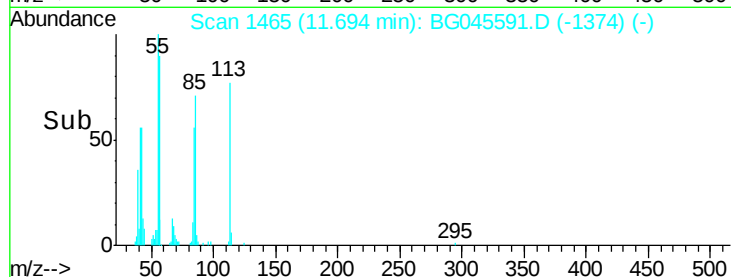
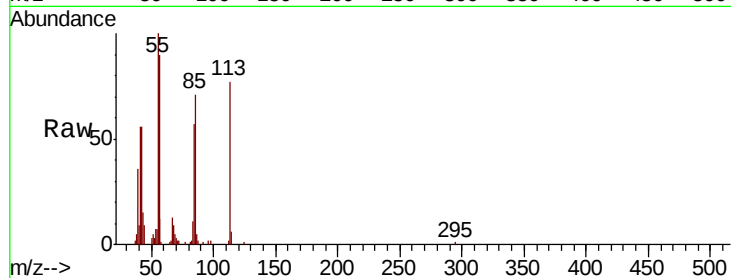
#35
Caprolactam
Concen: 50.349 ng/ml
RT: 11.69 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion:113 Resp: 71938
Ion Ratio Lower Upper
113 100
55 130.1 96.0 136.0
56 117.2 75.1 115.1#

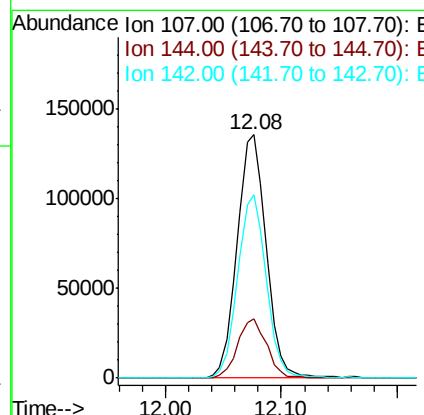
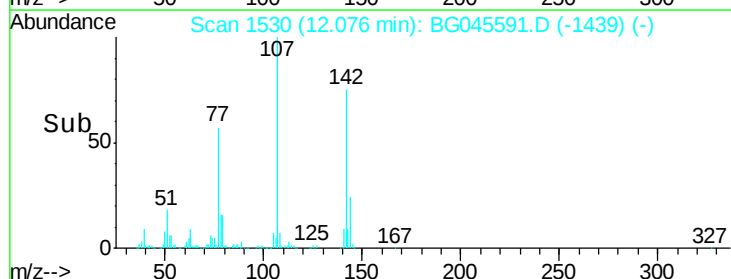
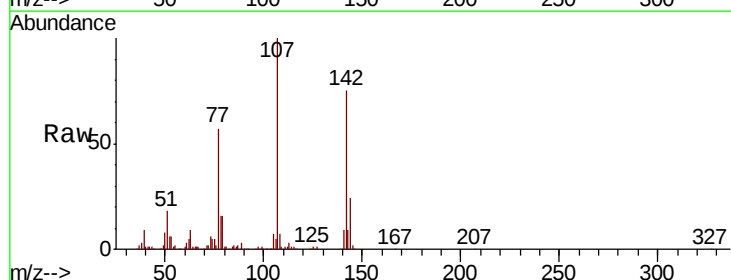
Manual Integrations
APPROVED

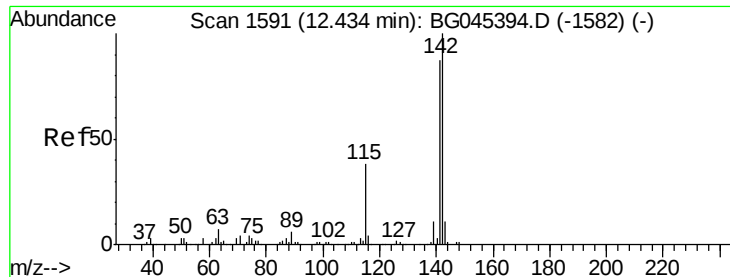
mohammad
6/4/2020 12:11:29 PM



#36
4-Chloro-3-methylphenol
Concen: 53.939 ng
RT: 12.08 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:107 Resp: 236597
Ion Ratio Lower Upper
107 100
144 24.3 20.8 31.2
142 75.1 62.8 94.2





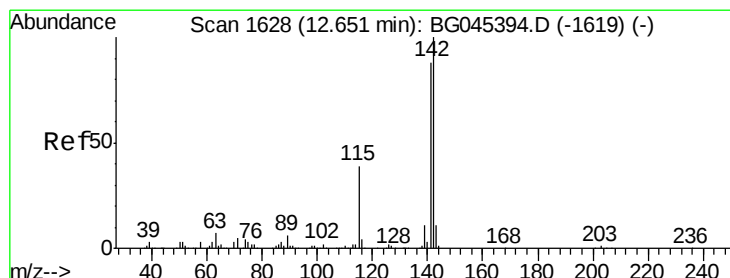
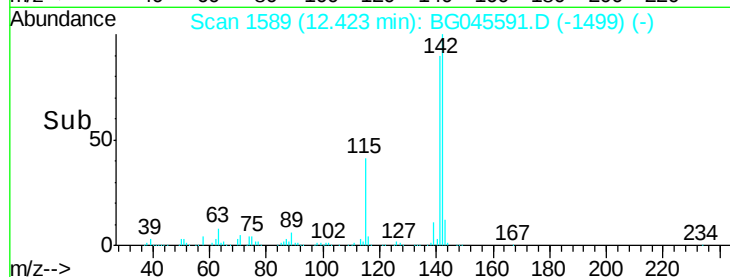
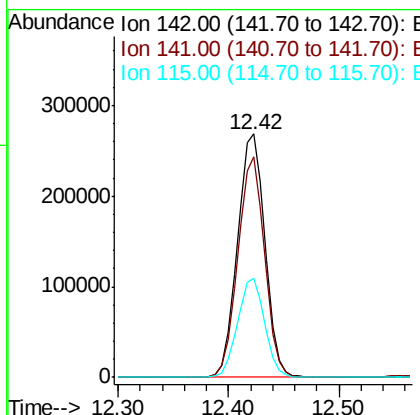
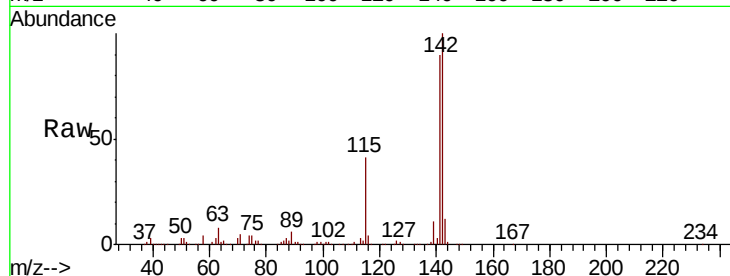
#37
2-Methylnaphthalene
Concen: 51.181 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.0	105.0
115	40.5	30.8	46.2

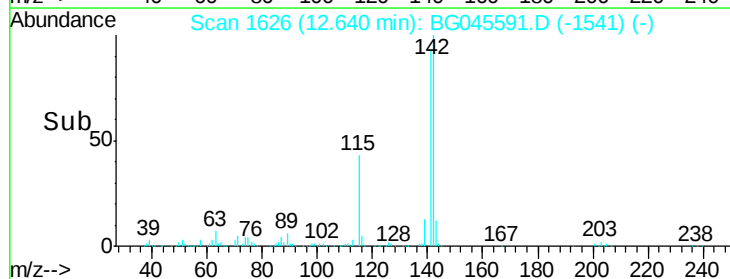
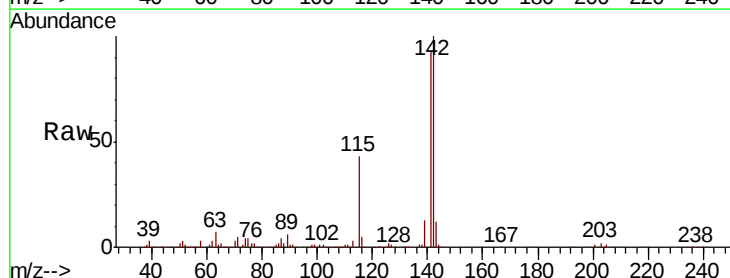
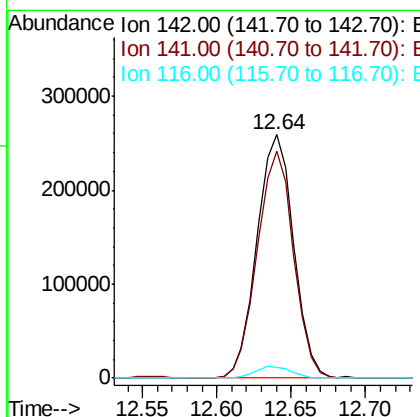
Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#38
1-Methylnaphthalene
Concen: 51.151 ng m
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.8	106.2
116	4.6	3.0	4.6#





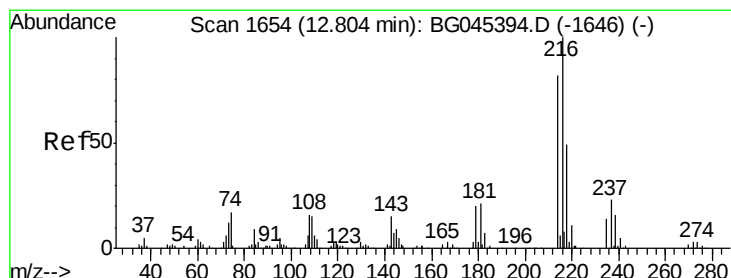
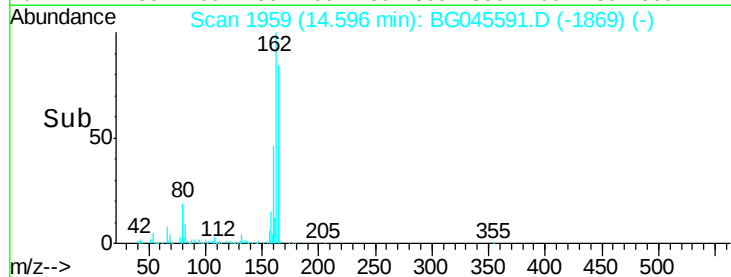
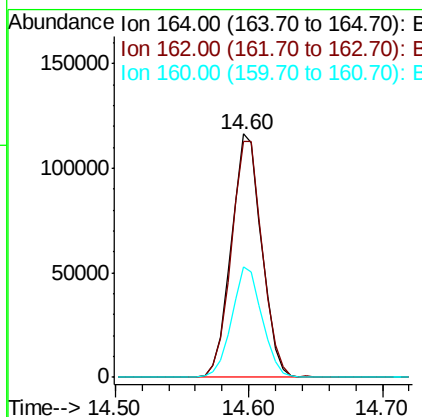
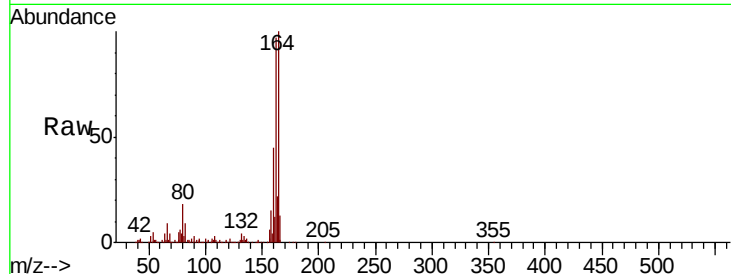
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.1	76.9	115.3
160	45.4	33.8	50.8

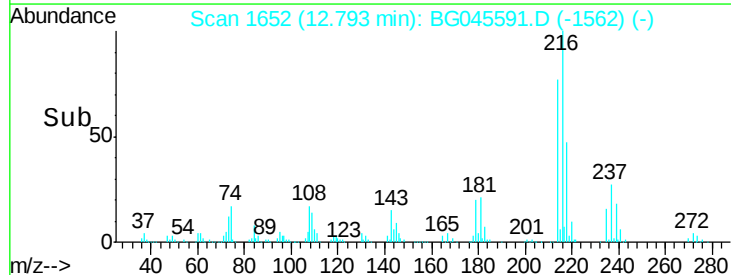
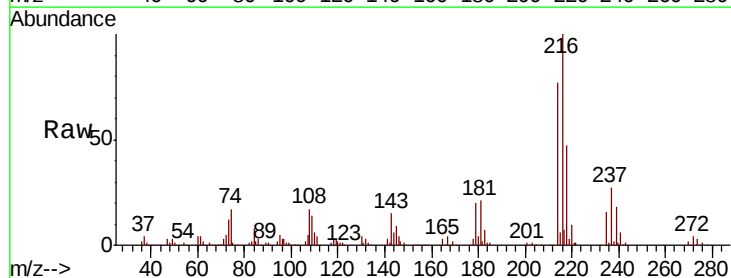
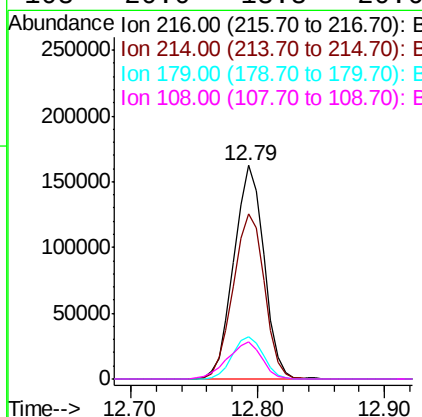
Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.861 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.7	95.5
179	20.1	16.1	24.1
108	20.0	13.8	20.6





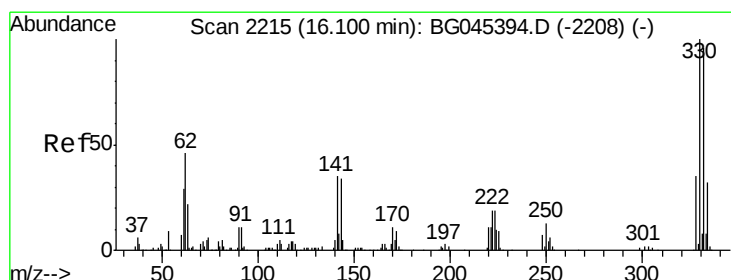
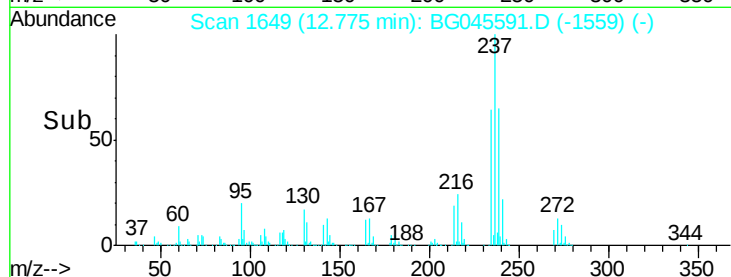
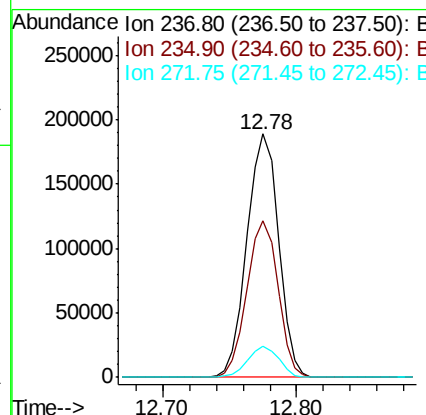
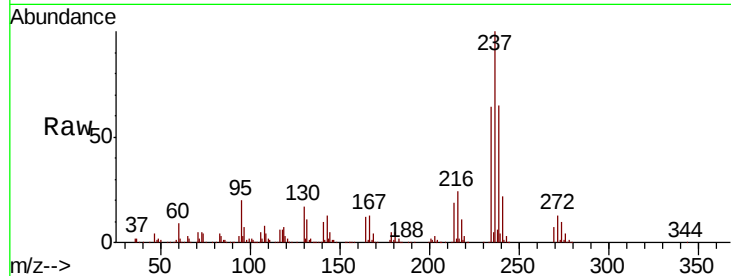
#41
Hexachlorocyclopentadiene
Concen: 104.170 ng
RT: 12.78 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.3	44.4	84.4
272	12.6	0.0	32.5

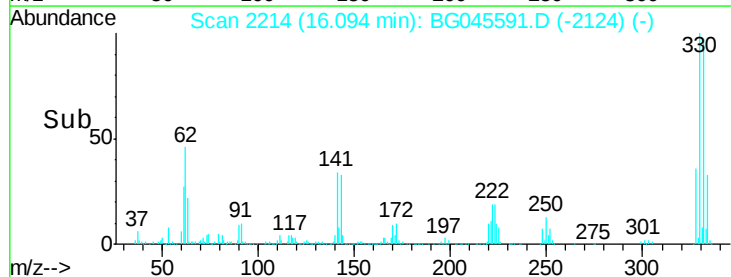
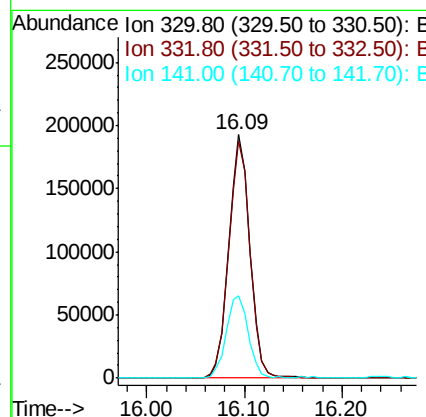
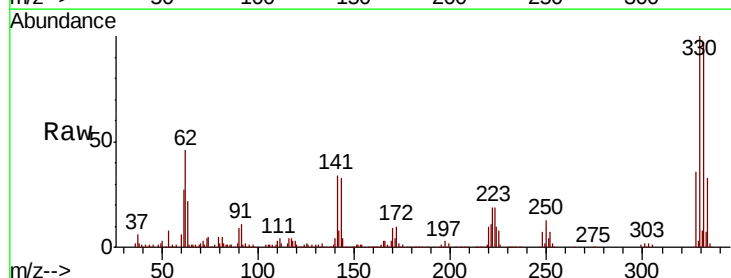
Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#42
2,4,6-Tribromophenol
Concen: 122.309 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.2	117.4
141	35.1	28.2	42.4





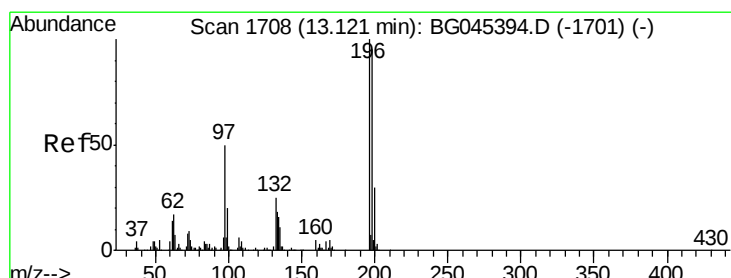
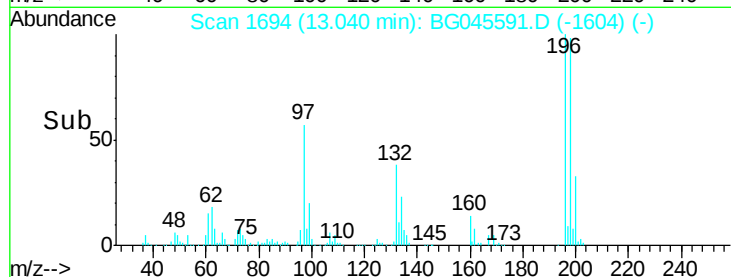
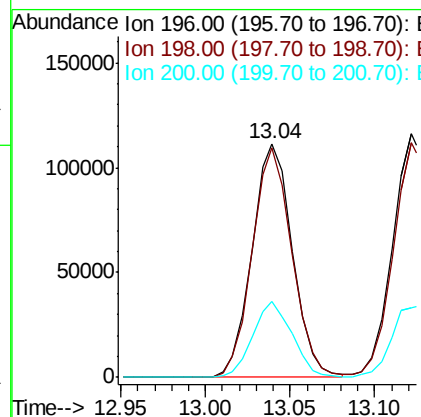
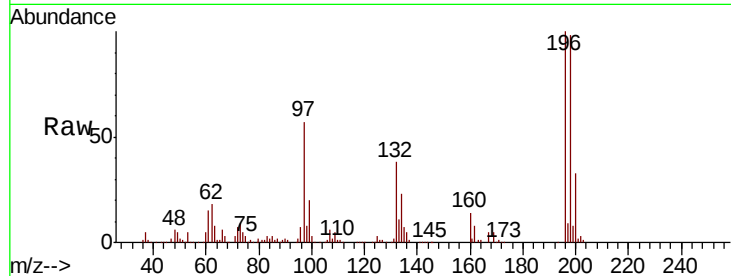
#43
 2,4,6-Trichlorophenol
 Concen: 51.556 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Instrument :
 BNA_G
 ClientSampled :
 SPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	184061		
198	98.4	76.7	115.1	
200	32.5	24.9	37.3	

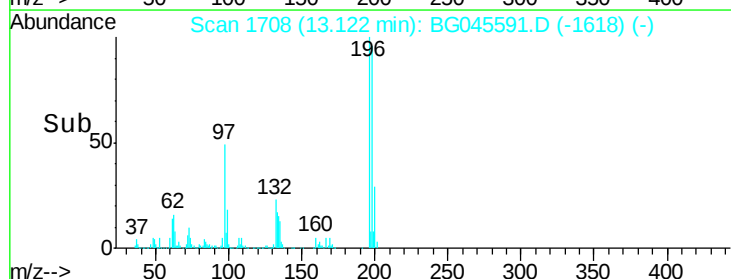
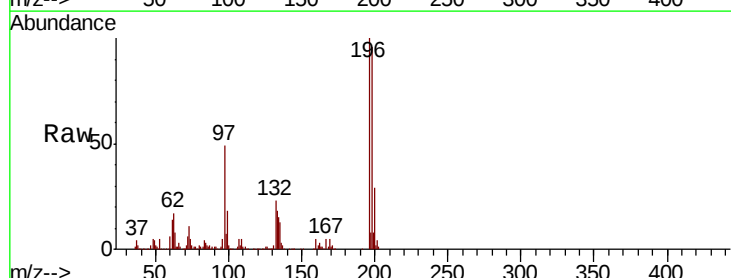
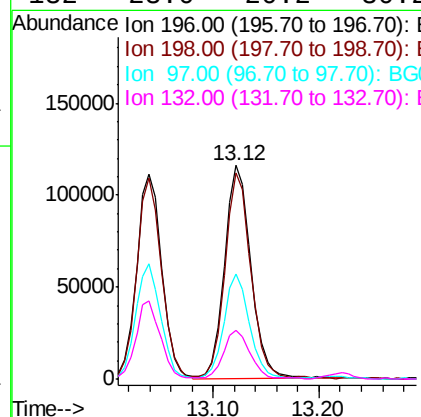
Manual Integrations
 APPROVED

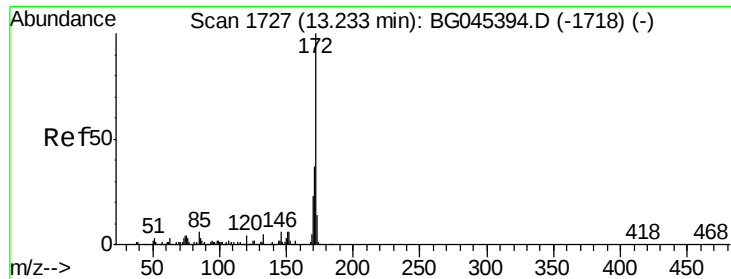
mohammad
 6/4/2020 12:11:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.115 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200373		
198	96.5	76.1	114.1	
97	48.9	40.0	60.0	
132	23.0	20.2	30.2	





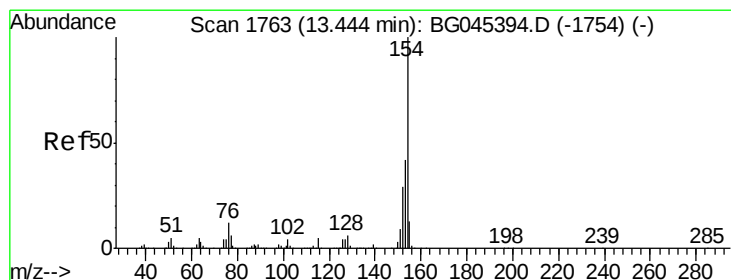
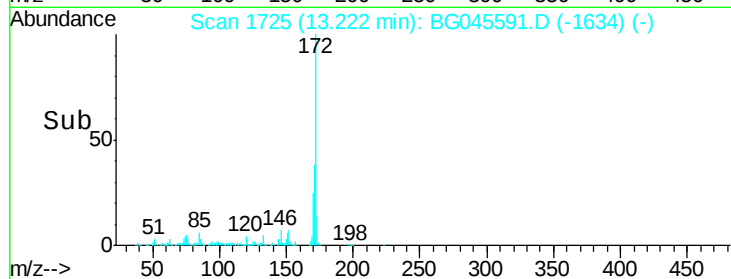
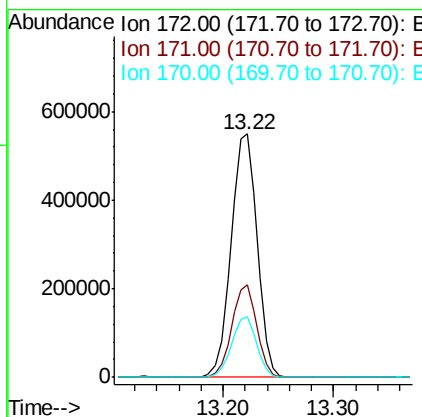
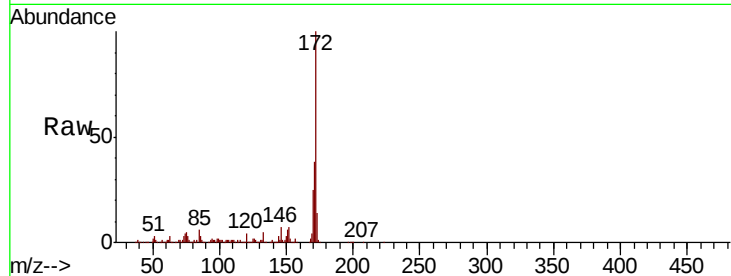
#45
2-Fluorobiphenyl
Concen: 84.005 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.5	44.3
170	24.7	18.5	27.7

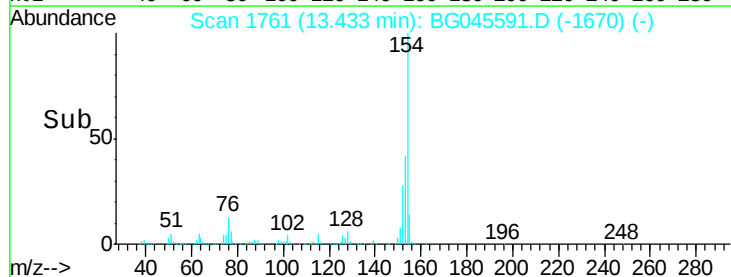
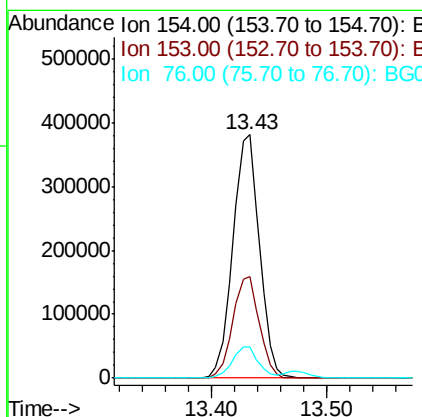
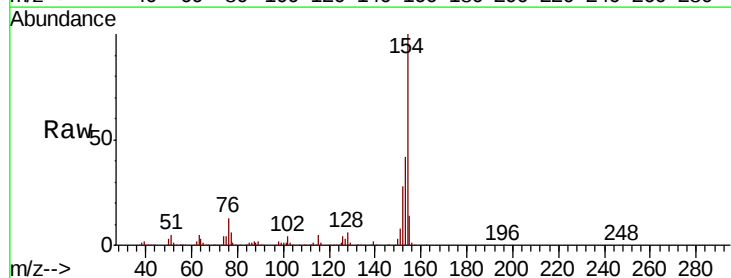
Manual Integrations
APPROVED

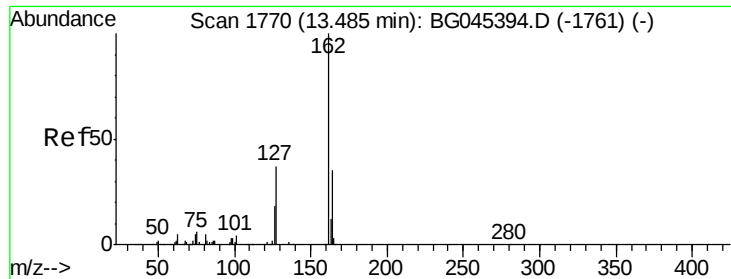
mohammad
6/4/2020 12:11:29 PM



#46
1,1'-Biphenyl
Concen: 53.668 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.2	62.2
76	13.0	0.0	32.4





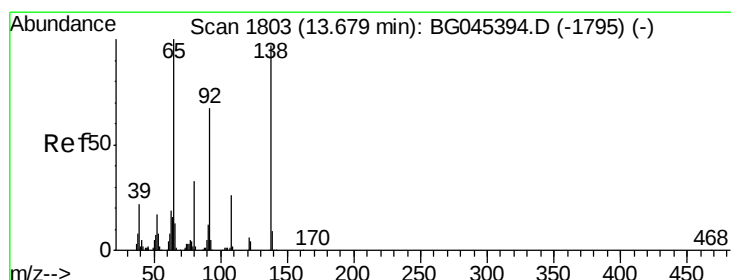
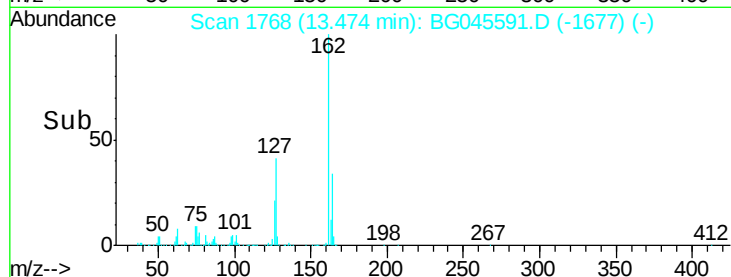
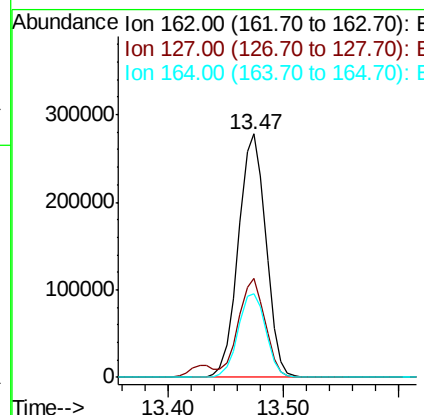
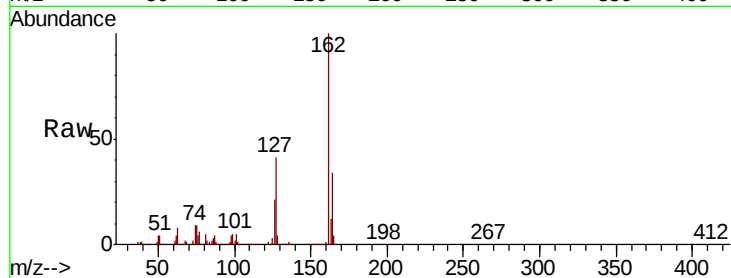
#47
2-Chloronaphthalene
Concen: 50.045 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	459453		
127	40.5		31.6	47.4
164	34.3		28.1	42.1

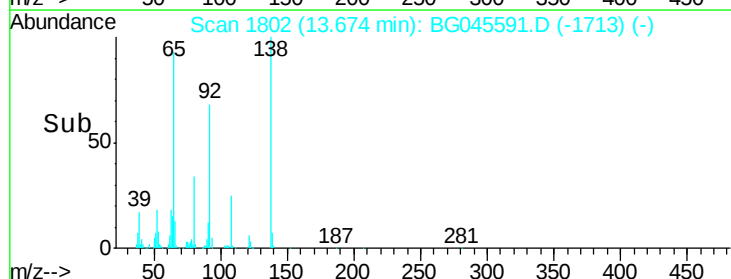
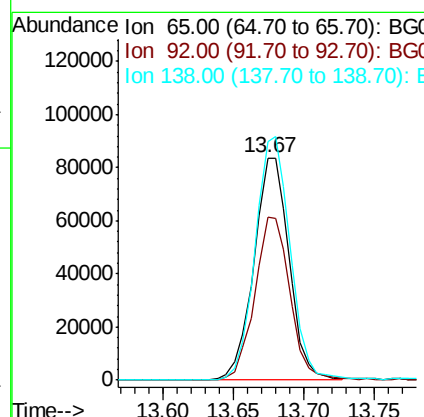
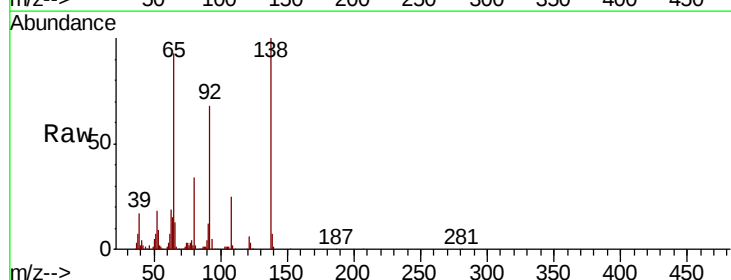
Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#48
2-Nitroaniline
Concen: 48.804 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	147385		
92	73.4		53.8	80.8
138	107.2		77.9	116.9





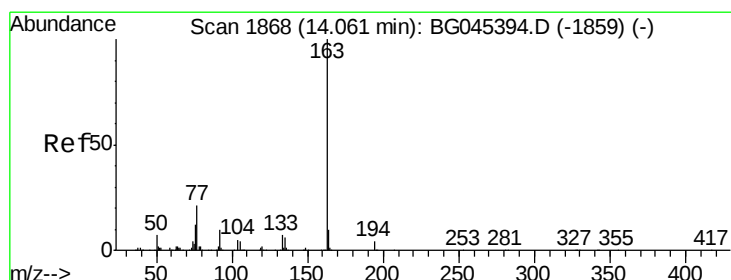
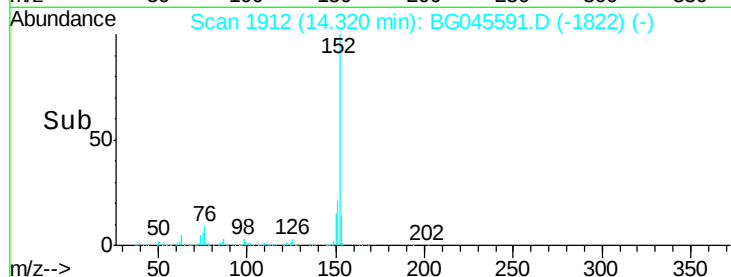
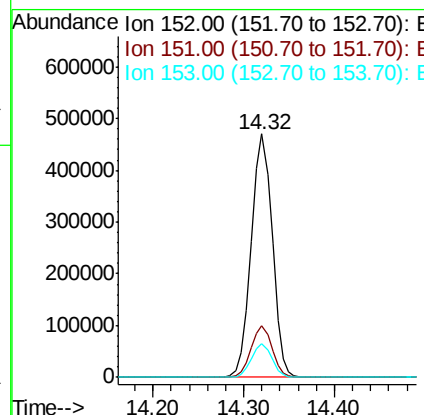
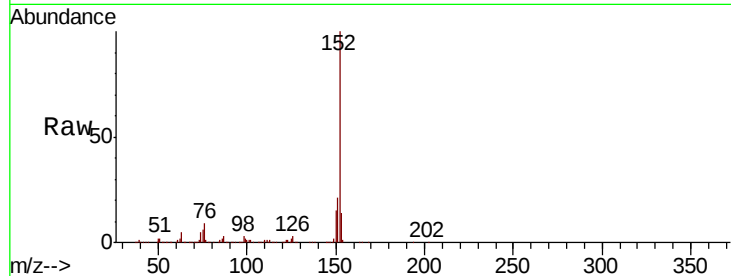
#49
Acenaphthylene
Concen: 51.393 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		757866		
151	21.5		17.4	26.2	
153	13.7		10.7	16.1	

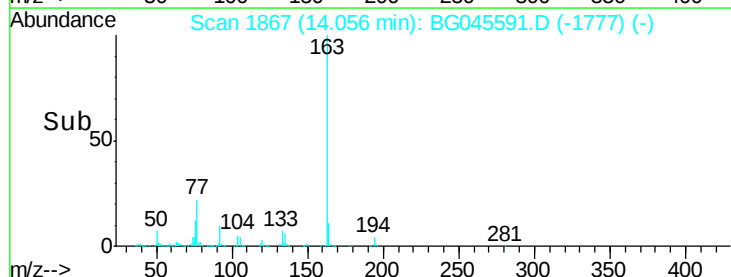
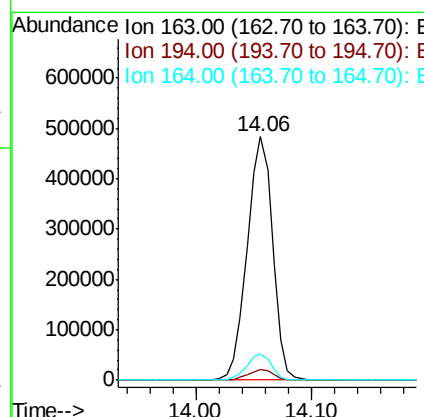
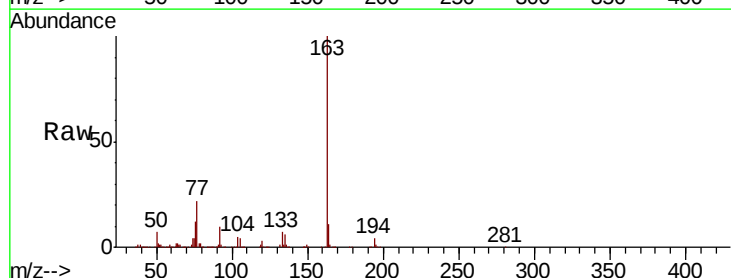
Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#50
Dimethylphthalate
Concen: 58.531 ng
RT: 14.06 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		738776		
194	4.5		3.2	4.8	
164	10.5		8.3	12.5	





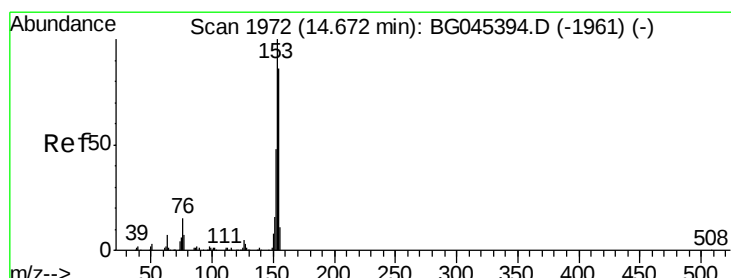
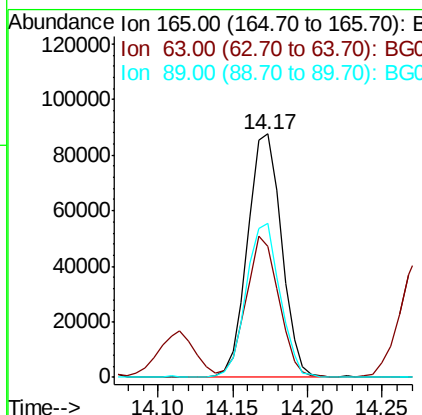
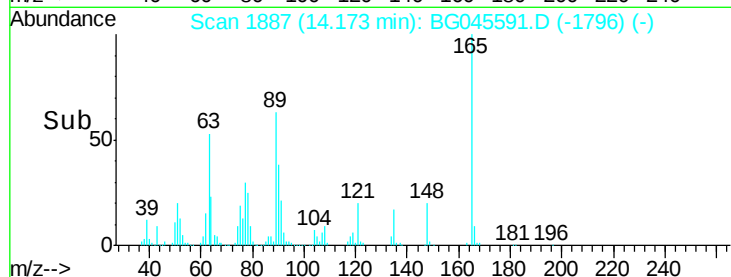
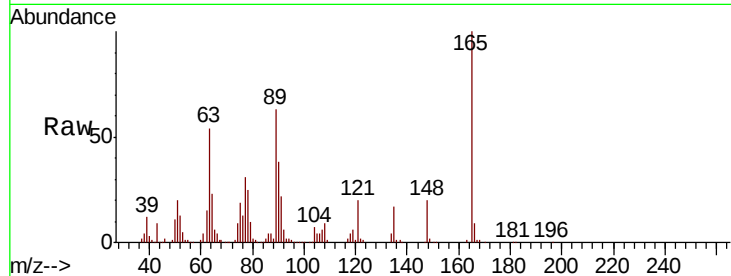
#51
2,6-Dinitrotoluene
Concen: 48.118 ng
RT: 14.17 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.6	45.0	67.4
89	63.1	50.2	75.4

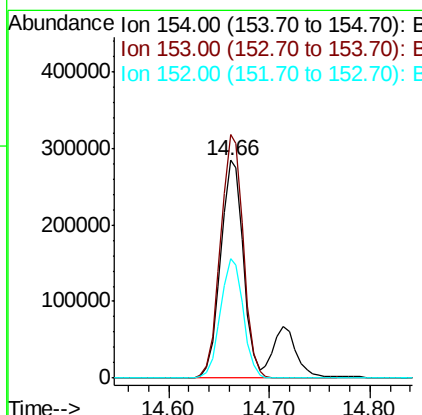
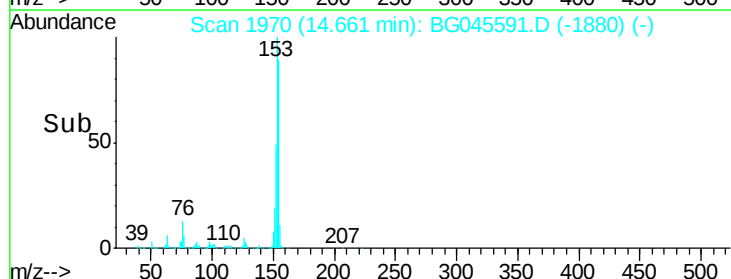
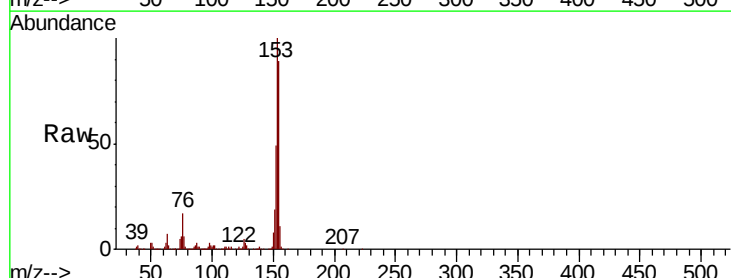
Manual Integrations
APPROVED

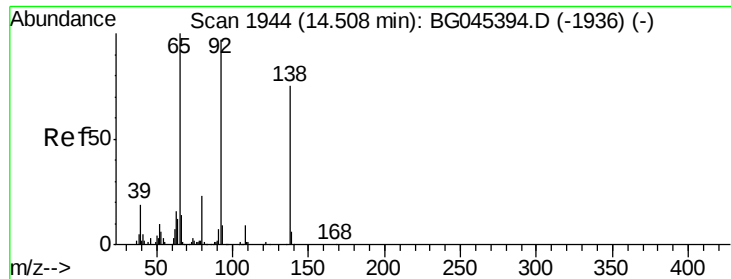
mohammad
6/4/2020 12:11:29 PM



#52
Acenaphthene
Concen: 56.186 ng m
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	92.8	139.2
152	54.9	44.6	66.8





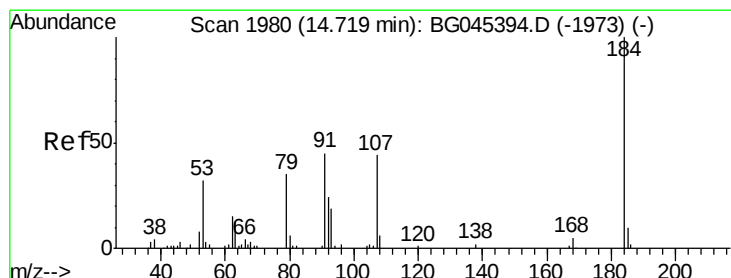
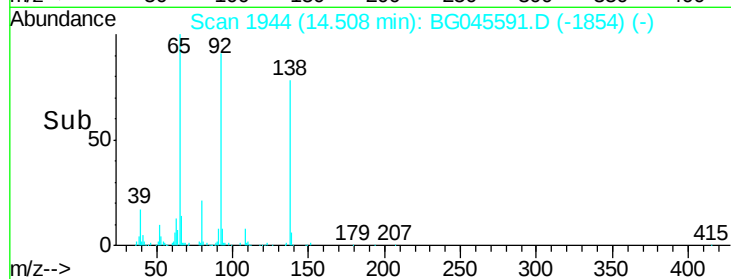
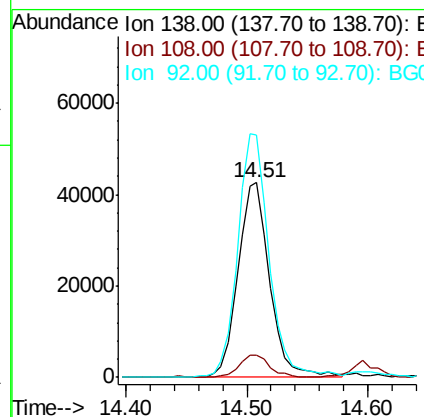
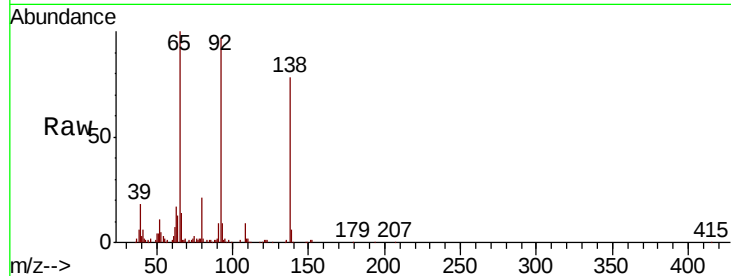
#53
3-Nitroaniline
Concen: 26.970 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.8	14.6
92	124.3	103.0	154.4

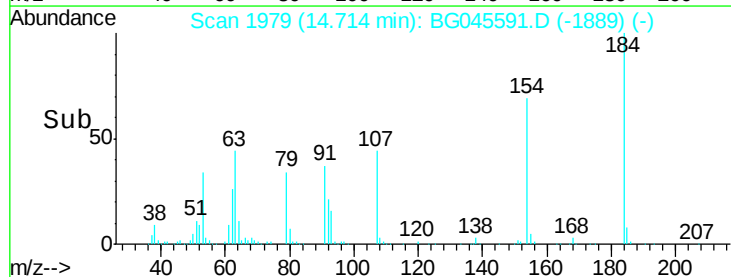
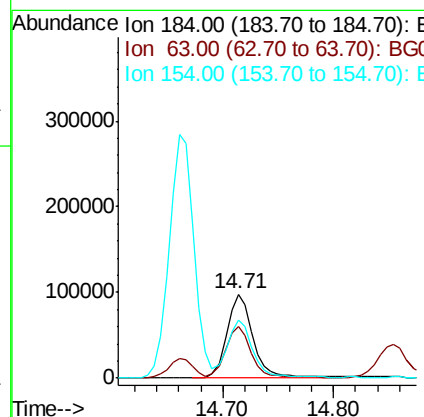
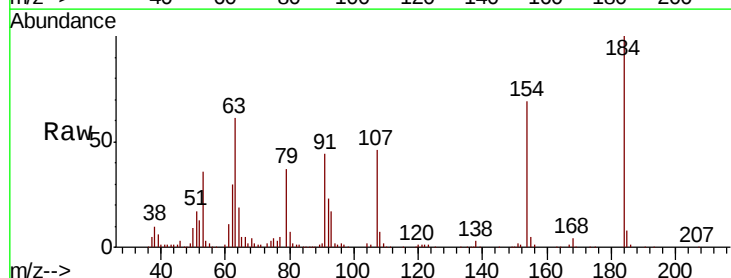
Manual Integrations
APPROVED

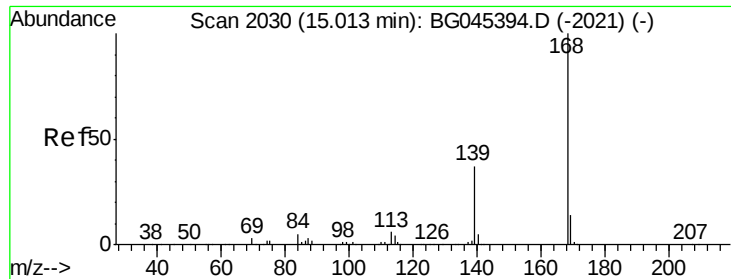
mohammad
6/4/2020 12:11:29 PM



#54
2,4-Dinitrophenol
Concen: 86.886 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	47.8	71.6
154	68.8	58.3	87.5





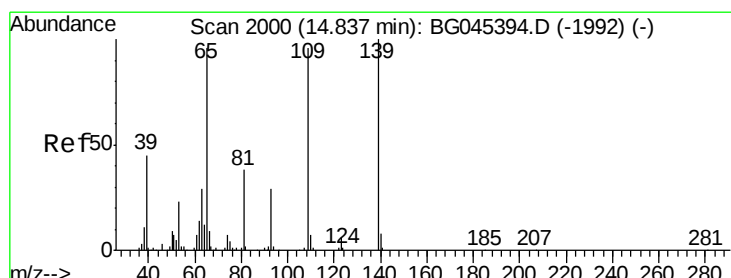
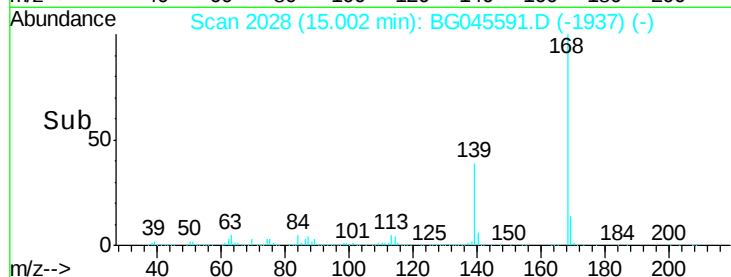
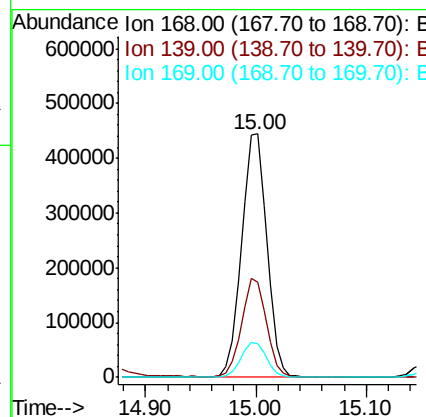
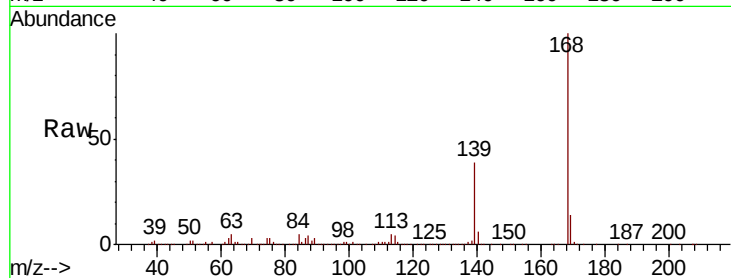
#55
Dibenzofuran
Concen: 49.020 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	29.9	44.9
169	13.6	10.9	16.3

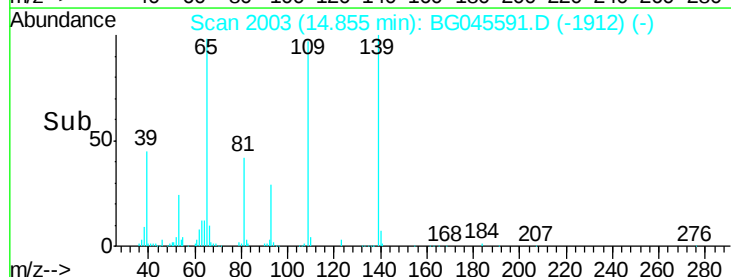
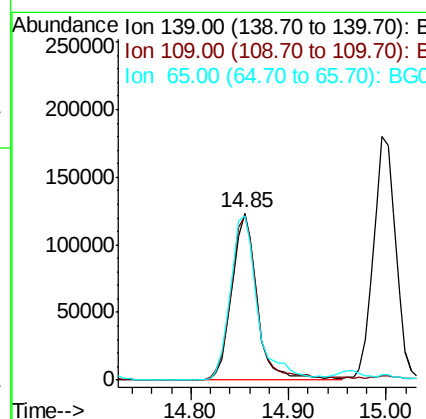
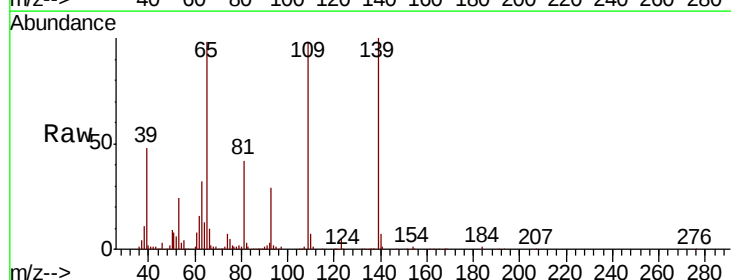
Manual Integrations
APPROVED

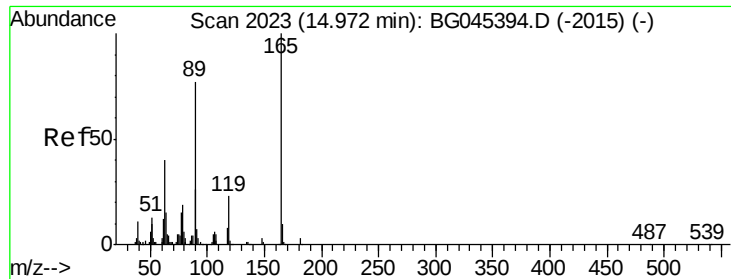
mohammad
6/4/2020 12:11:29 PM



#56
4-Nitrophenol
Concen: 100.806 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.4	75.6	115.6
65	98.4	76.8	116.8





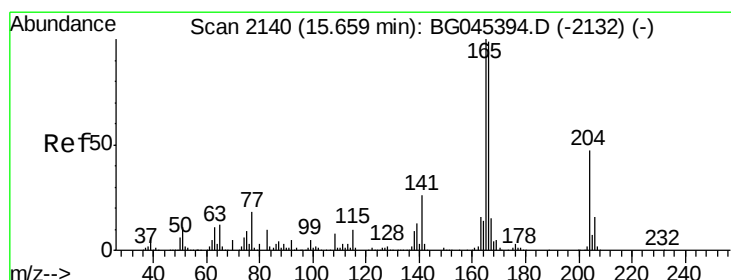
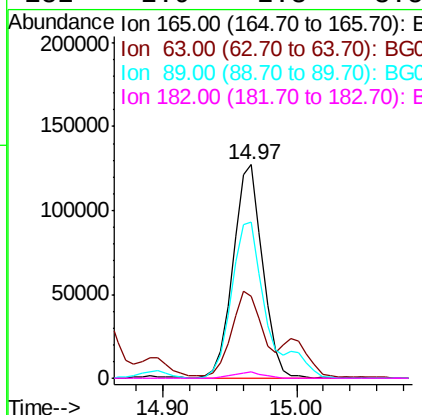
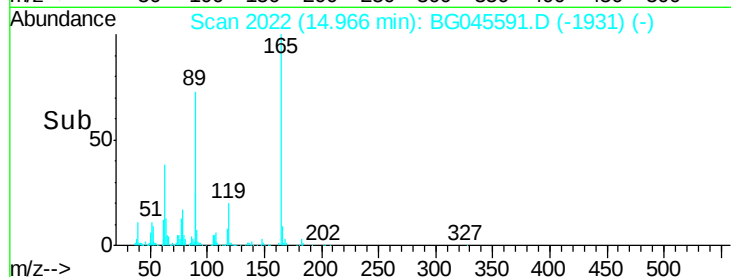
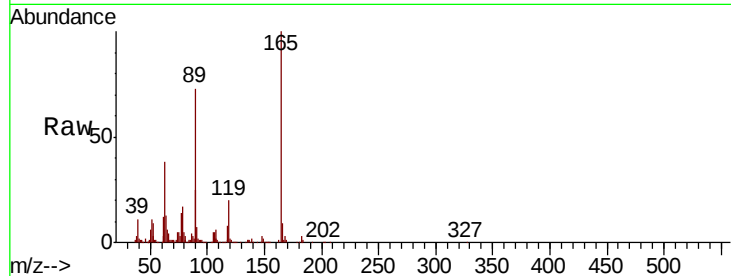
#57
2,4-Dinitrotoluene
Concen: 47.428 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.4	32.5	48.7
89	73.1	61.8	92.6
182	2.9	2.3	3.5

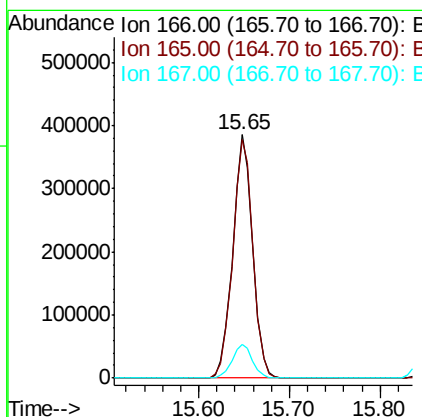
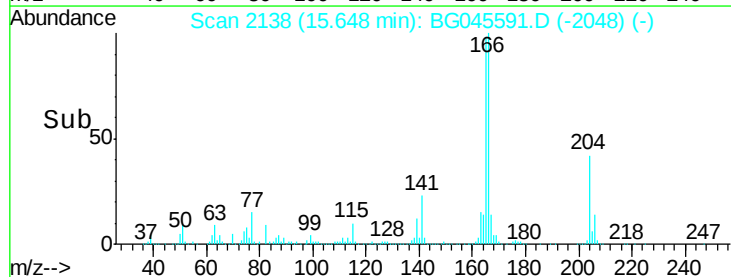
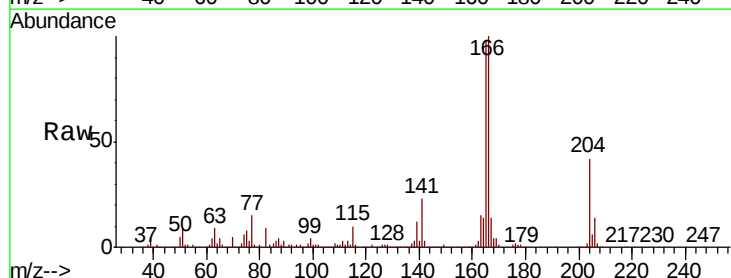
Manual Integrations
APPROVED

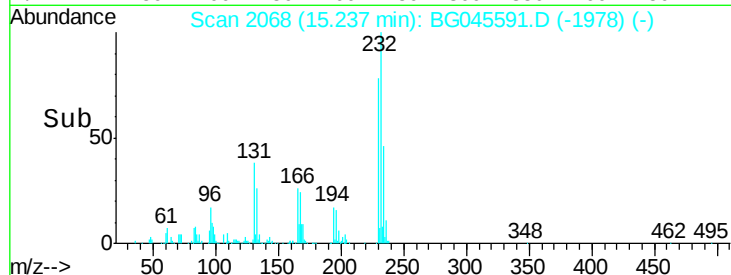
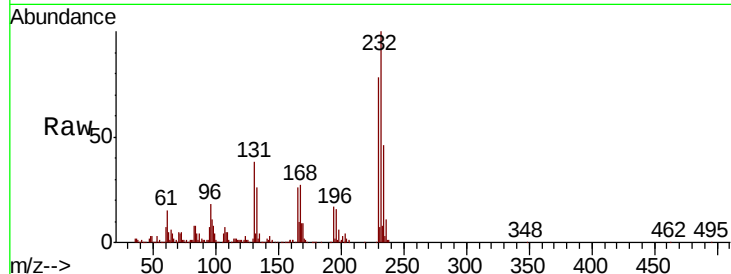
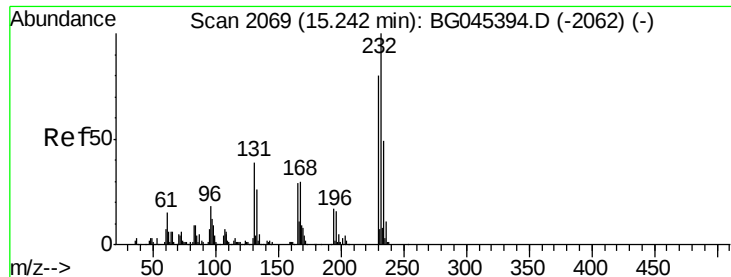
mohammad
6/4/2020 12:11:29 PM



#58
Fluorene
Concen: 48.876 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.8	121.2
167	14.0	12.0	18.0





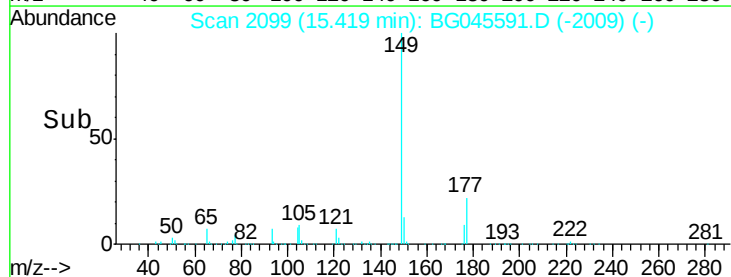
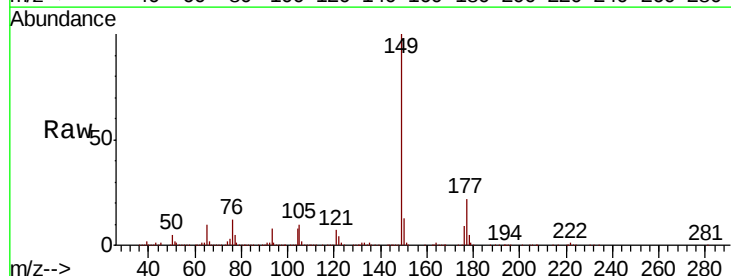
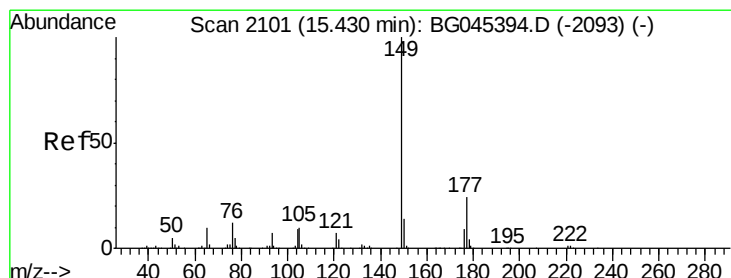
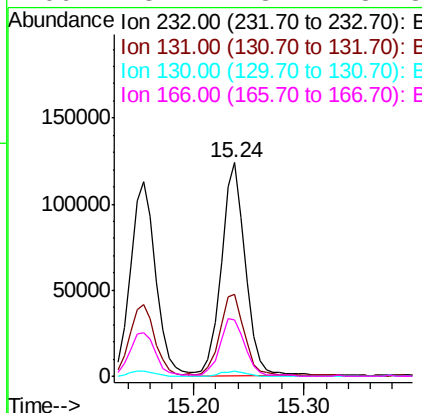
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.617 ng
RT: 15.24 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.7	50.5
130	2.7	2.1	3.1
166	28.2	23.2	34.8

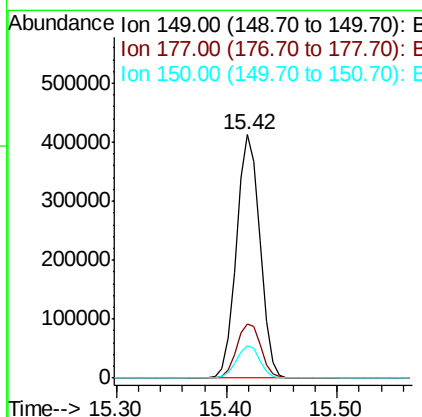
Manual Integrations
APPROVED

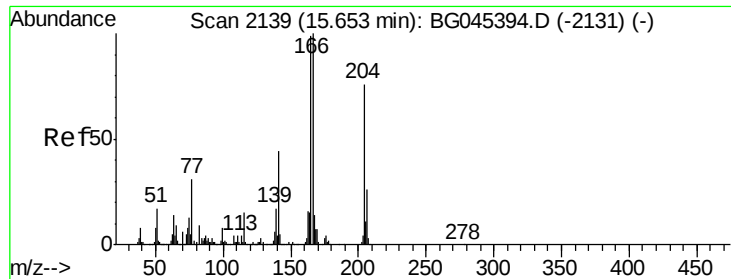
mohammad
6/4/2020 12:11:29 PM



#60
Diethylphthalate
Concen: 46.985 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	19.0	28.4
150	13.3	11.4	17.0





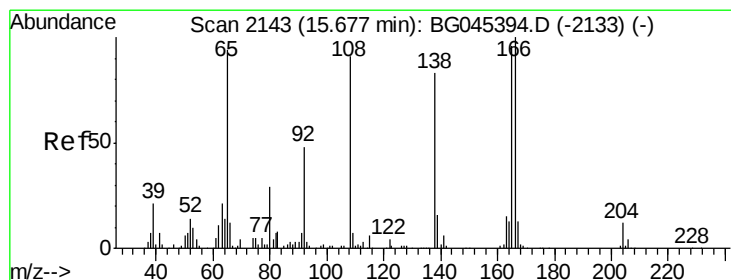
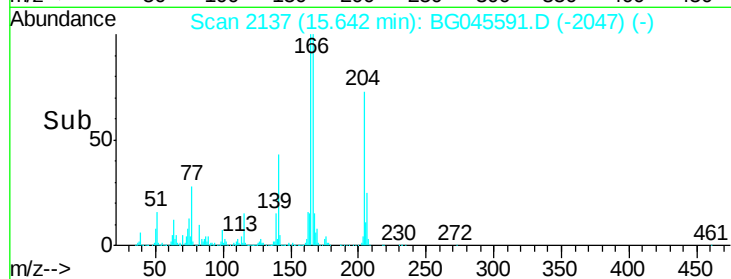
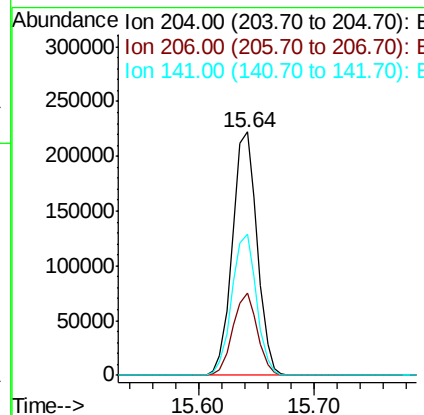
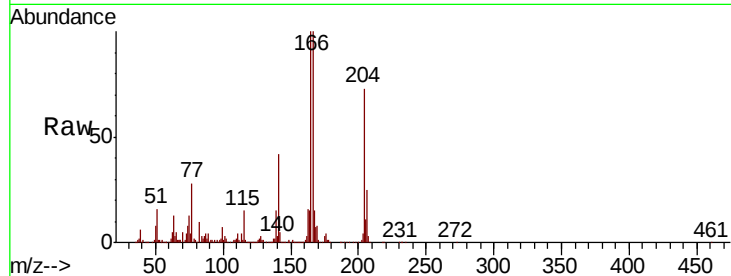
#61
4-Chlorophenyl-phenylether
Concen: 47.759 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.3	40.9
141	57.9	45.9	68.9

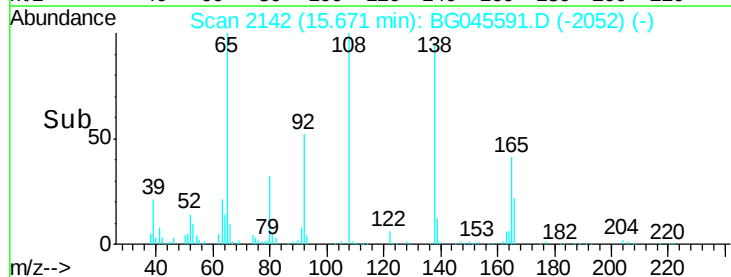
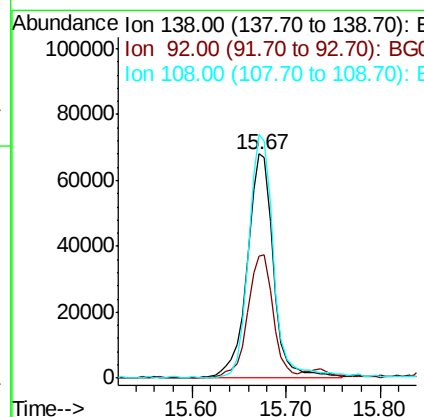
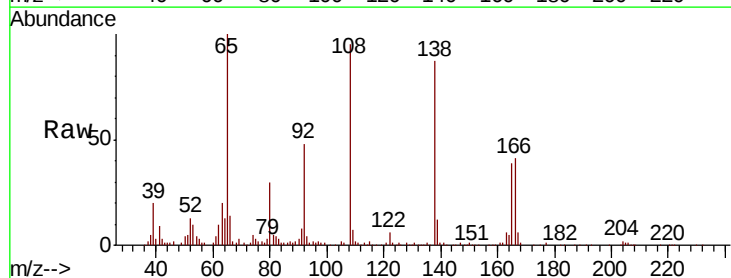
Manual Integrations
APPROVED

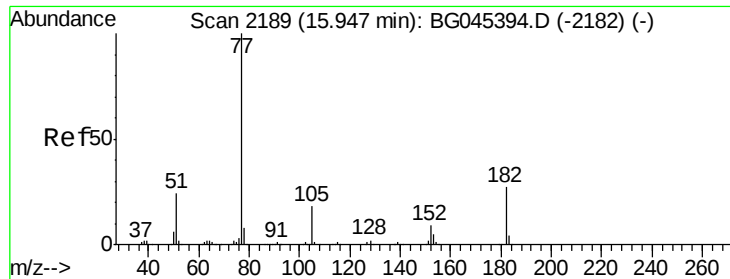
mohammad
6/4/2020 12:11:29 PM



#62
4-Nitroaniline
Concen: 43.395 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	38.0	78.0
108	108.6	89.3	129.3





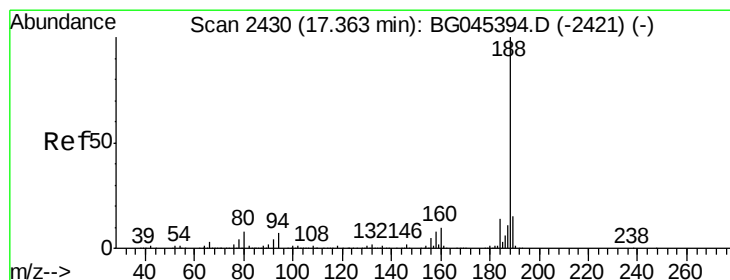
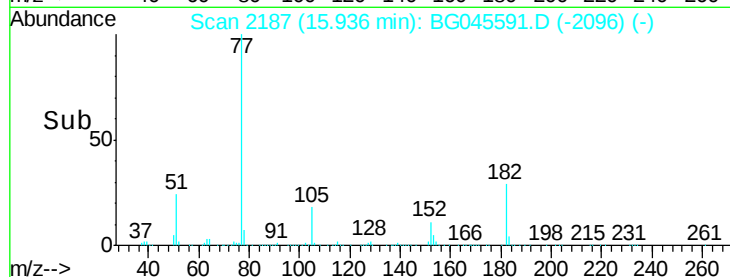
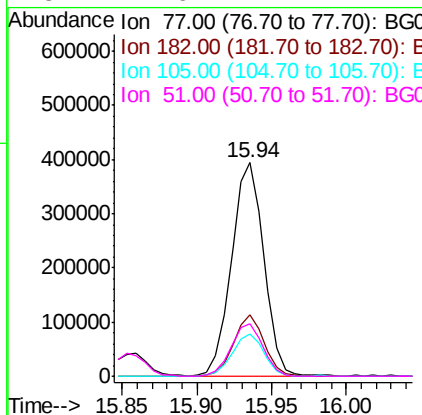
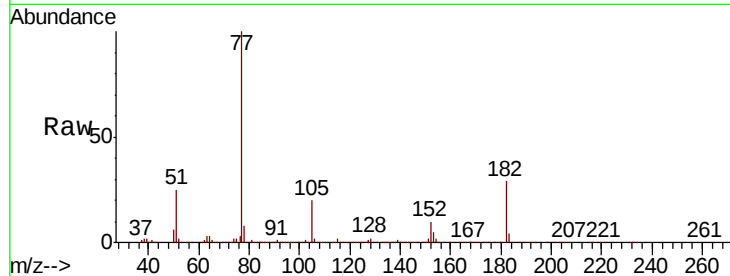
#63
Azobenzene
Concen: 48.174 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		590128		
182	28.8	6.5	46.5		
105	20.0	0.0	37.9		
51	24.6	4.1	44.1		

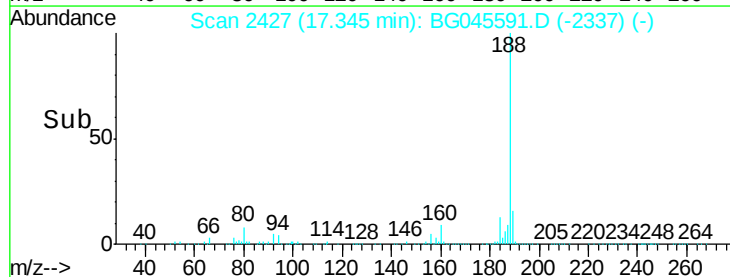
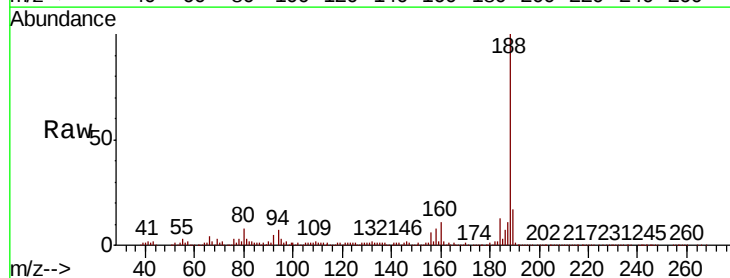
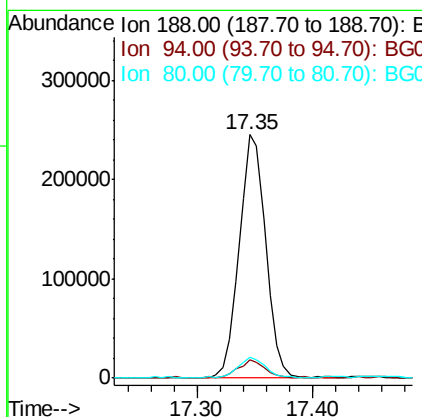
Manual Integrations
APPROVED

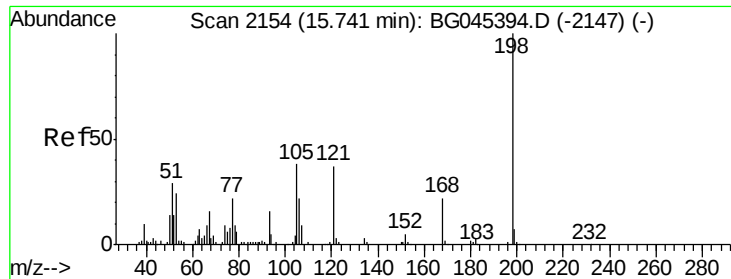
mohammad
6/4/2020 12:11:29 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		389204		
94	7.4	5.5	8.3		
80	8.5	6.6	10.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 54.556 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

SPMS

Tot Ion:198 Resp: 123664

Ion Ratio Lower Upper

198 100

51 33.0 10.0 50.0

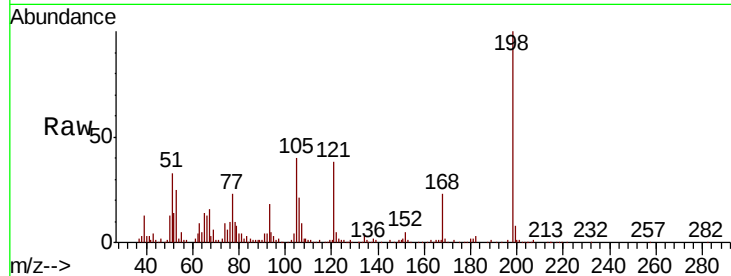
105 40.1 18.9 58.9

Manual Integrations

APPROVED

mohammad

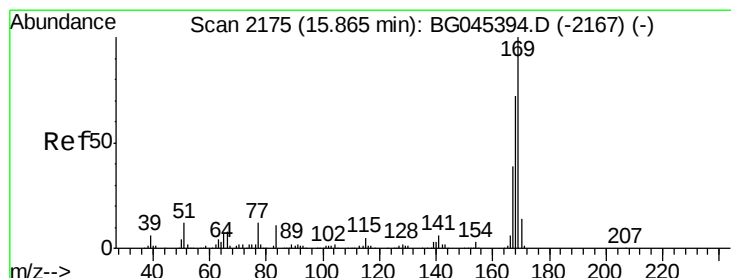
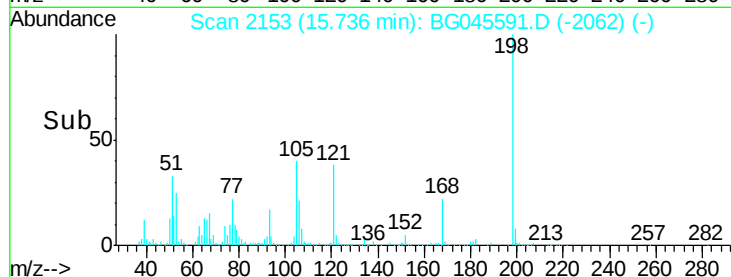
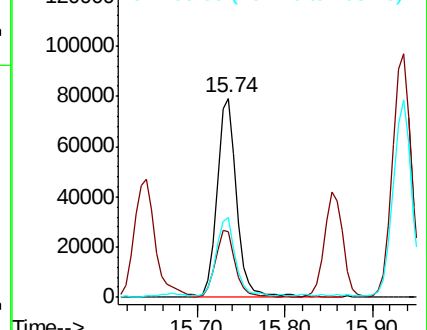
6/4/2020 12:11:29 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 55.945 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

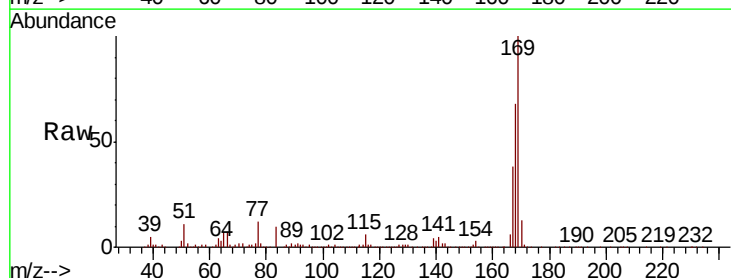
Tgt Ion:169 Resp: 522797

Ion Ratio Lower Upper

169 100

168 68.4 57.8 86.6

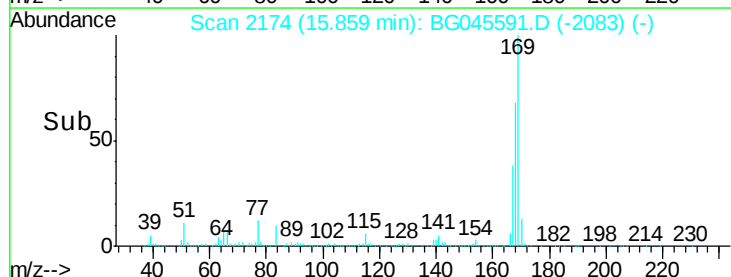
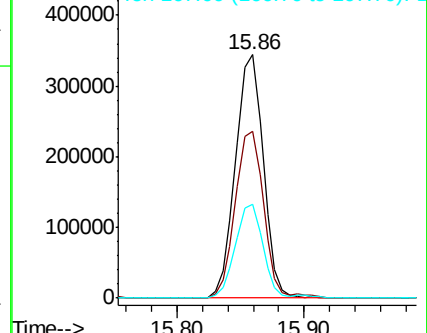
167 38.3 31.5 47.3

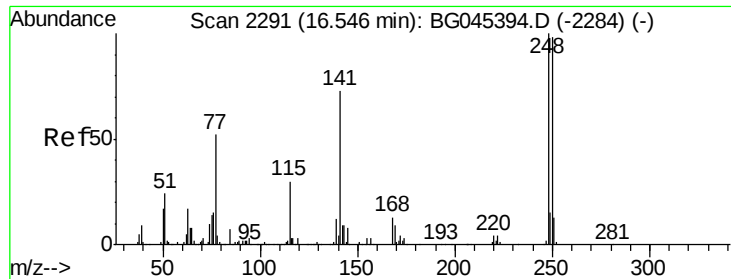


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





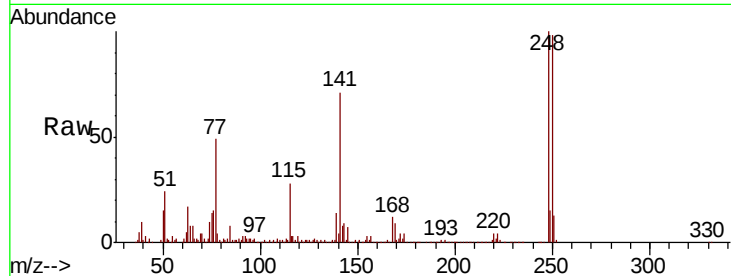
#67
4-Bromophenyl-phenylether
Concen: 50.875 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.6	117.8
141	71.2	58.2	87.2

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM

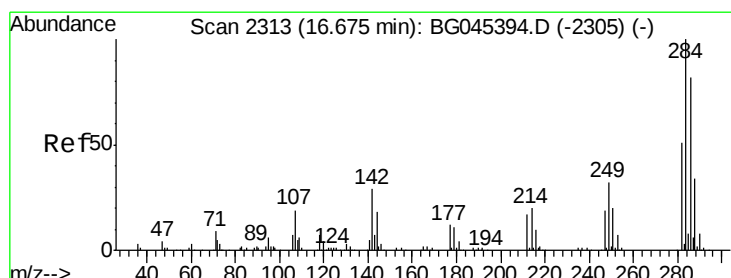
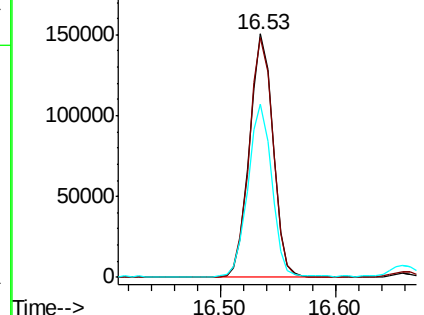
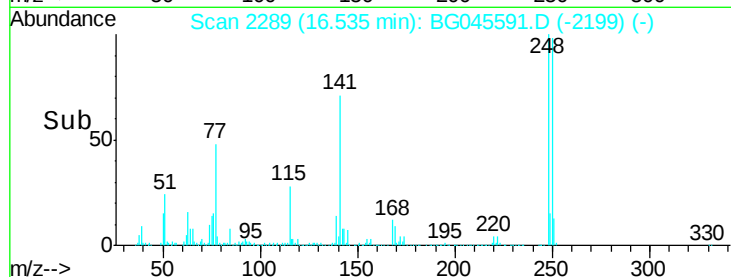


Abundance

Ion 248.00 (247.70 to 248.70): E

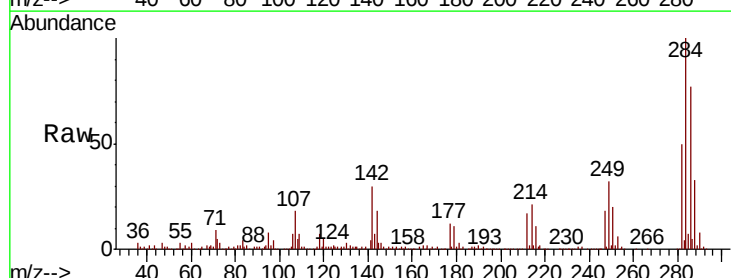
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 52.778 ng
RT: 16.66 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	23.0	34.6
249	31.9	25.8	38.6

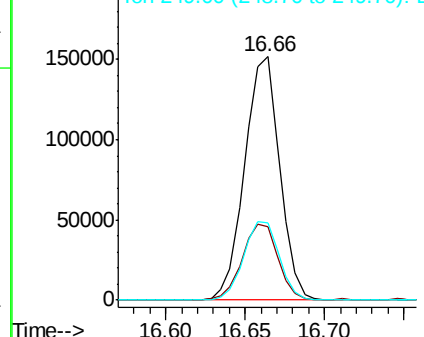
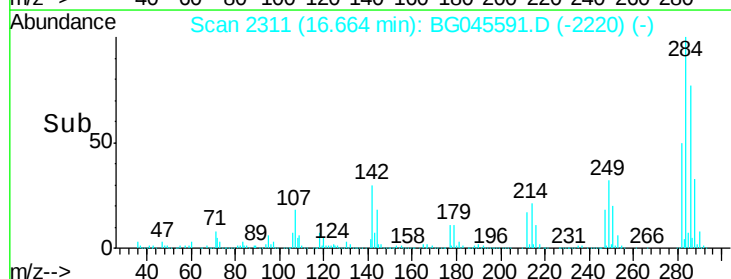


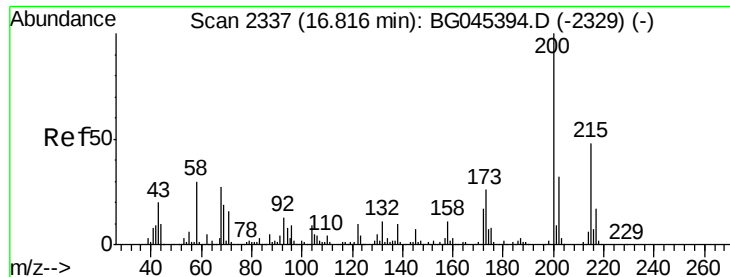
Abundance

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





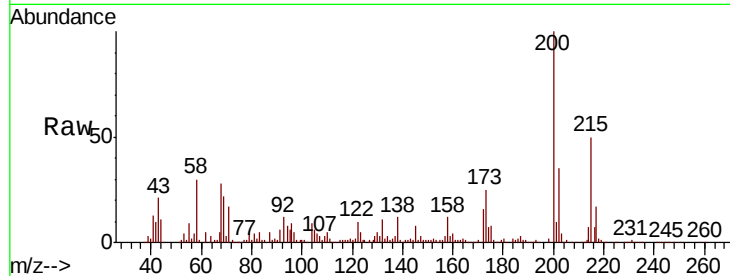
#69
Atrazine
Concen: 49.315 ng
RT: 16.81 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.5	5.5	45.5
215	50.4	28.2	68.2

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM

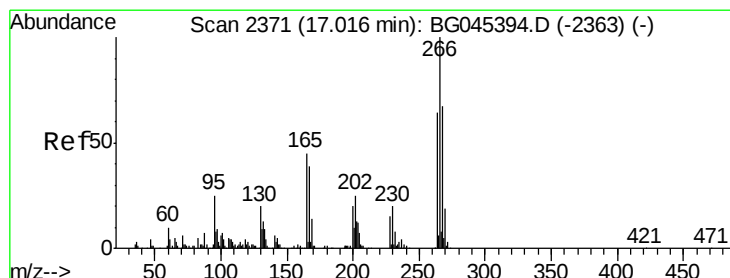
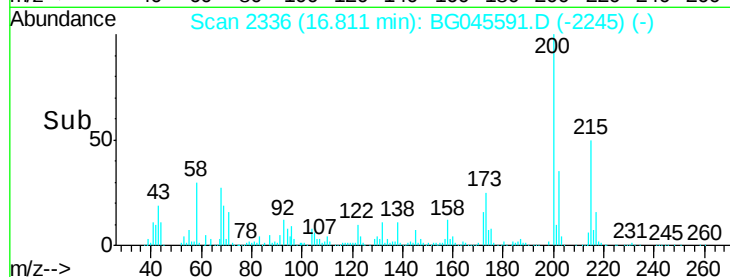
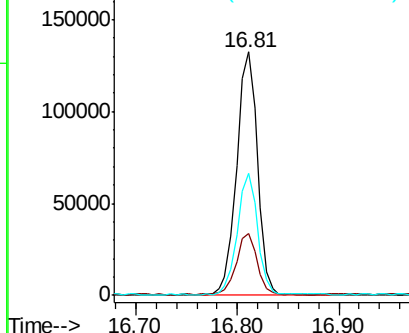


Abundance

Ion 200.00 (199.70 to 200.70): E

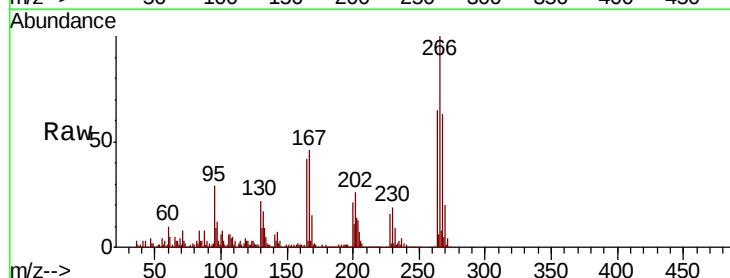
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 113.072 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	53.2	79.8
264	65.2	51.0	76.4

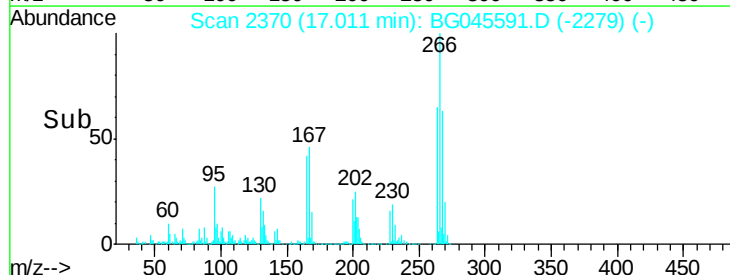
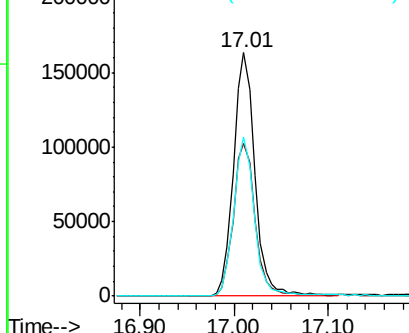


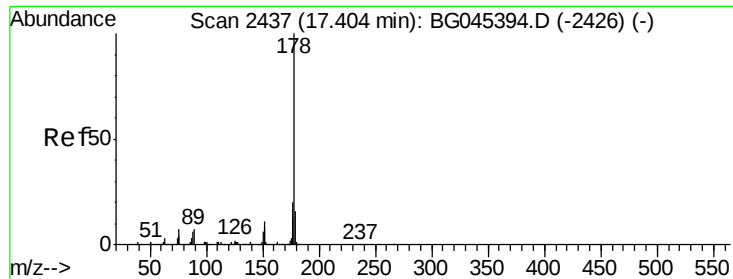
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.505 ng

RT: 17.39 min Scan# 2435

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

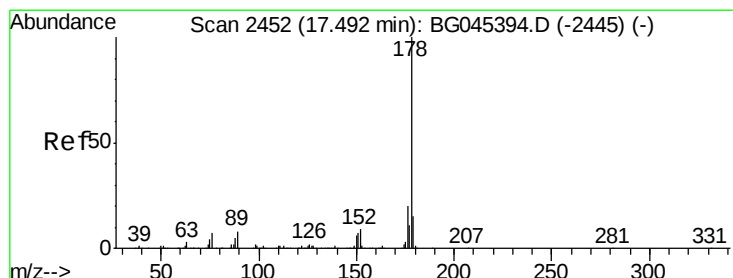
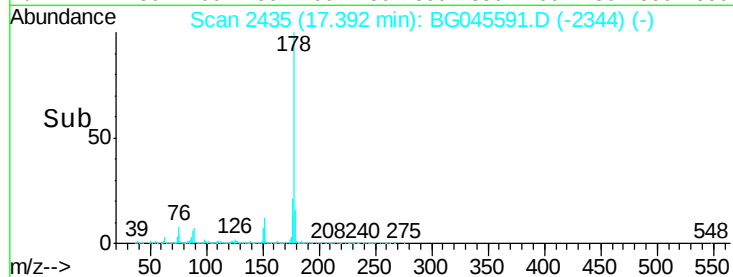
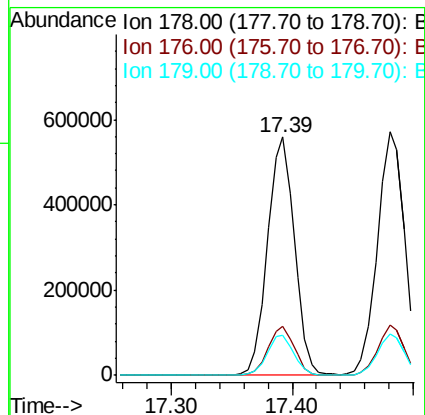
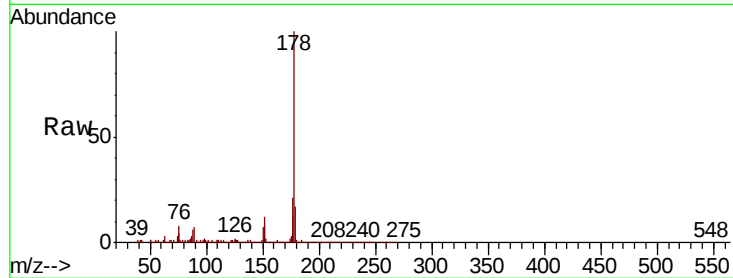
ClientSampleId :

SPMS

Tot Ion:178	Resp:	858135
Ion Ratio	Lower	Upper
178 100		
176 20.8	16.2	24.4
179 16.9	13.1	19.7

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#72

Anthracene

Concen: 52.667 ng

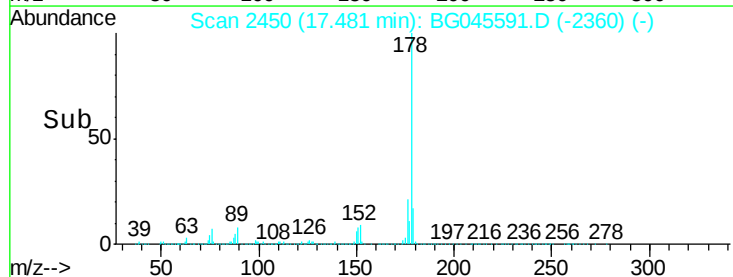
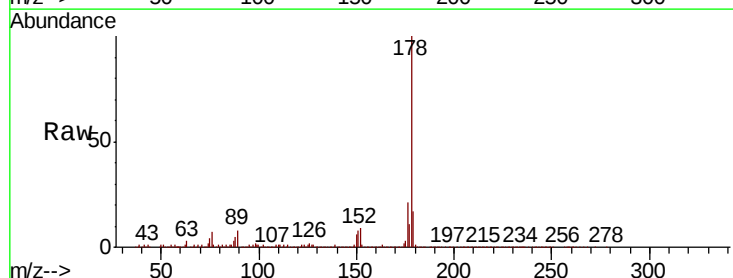
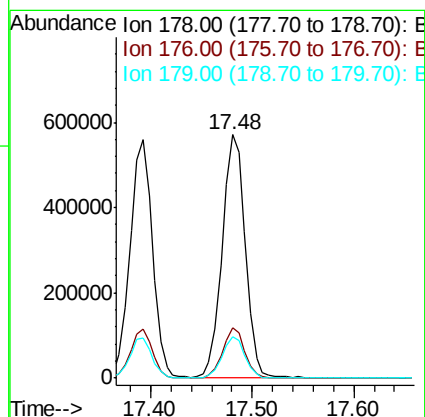
RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Tgt Ion:178	Resp:	898644
Ion Ratio	Lower	Upper
178 100		
176 20.7	15.8	23.6
179 17.2	12.2	18.4





#73

Carbazole

Concen: 47.941 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

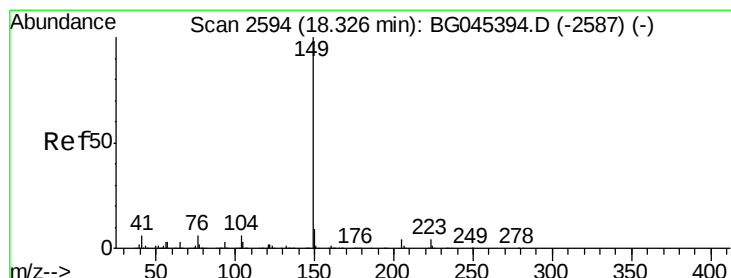
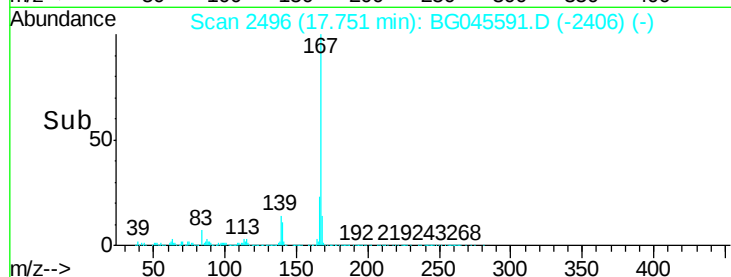
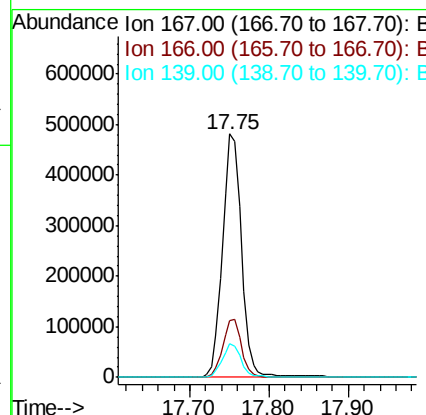
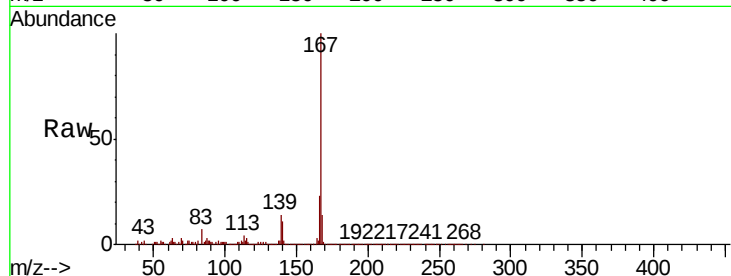
ClientSampleId :

SPMS

Tot Ion:	167	Resp:	797356
Ion Ratio	Lower	Upper	
167	100		
166	23.1	19.2	28.8
139	14.0	10.6	16.0

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#74

Di-n-butylphthalate

Concen: 46.481 ng

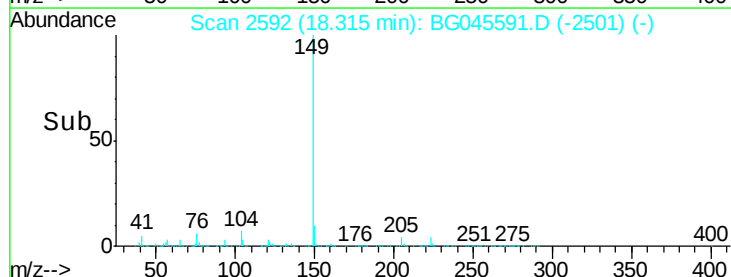
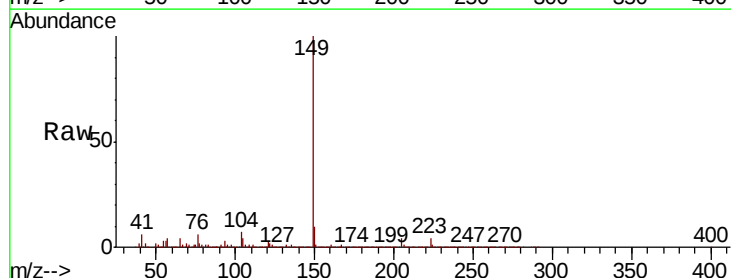
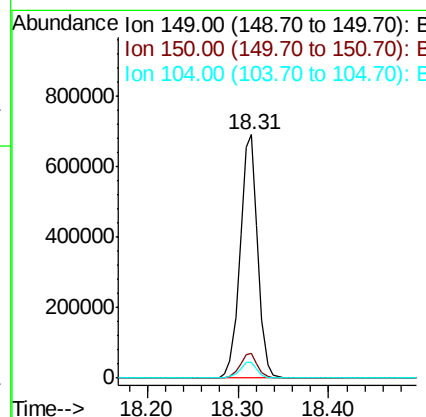
RT: 18.31 min Scan# 2592

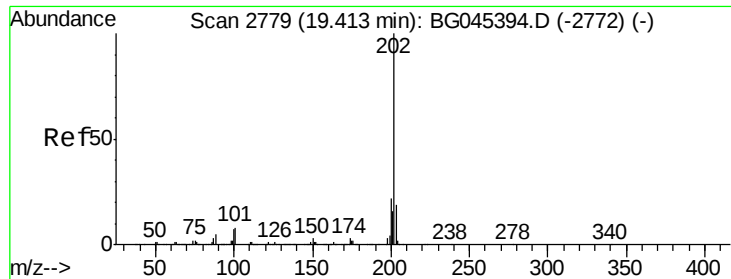
Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Tgt Ion:	149	Resp:	927888
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.6	11.4
104	6.5	5.0	7.4





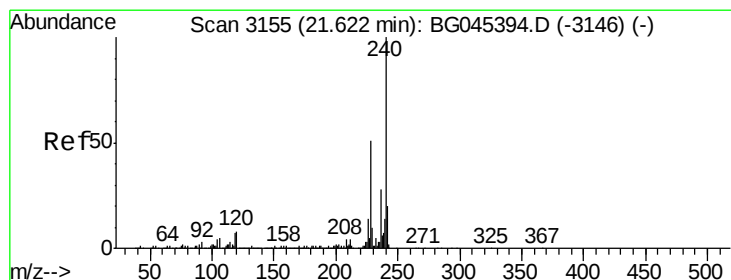
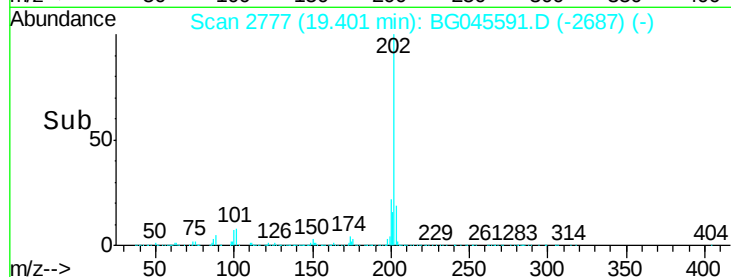
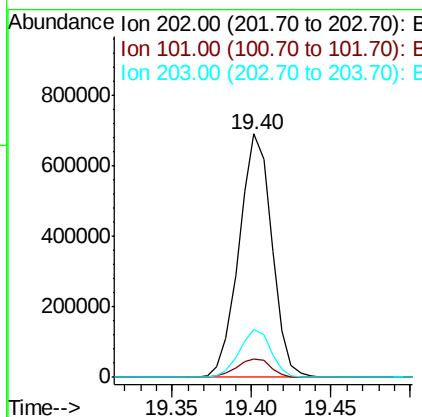
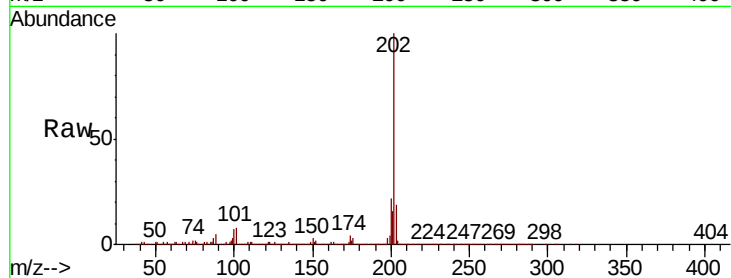
#75
 Fluoranthene
 Concen: 45.860 ng
 RT: 19.40 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Instrument :
 BNA_G
 ClientSampleId :
 SPMS

Tot Ion:	202	Resp:	991094
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	28.3
203	19.4	0.0	39.0

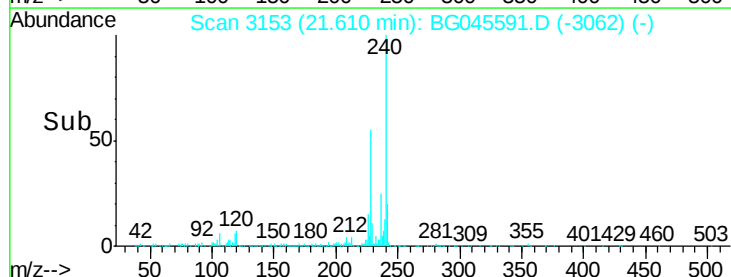
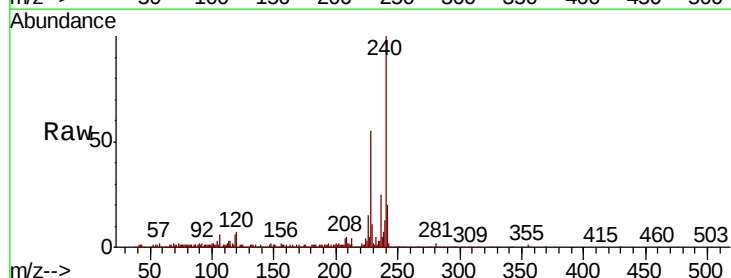
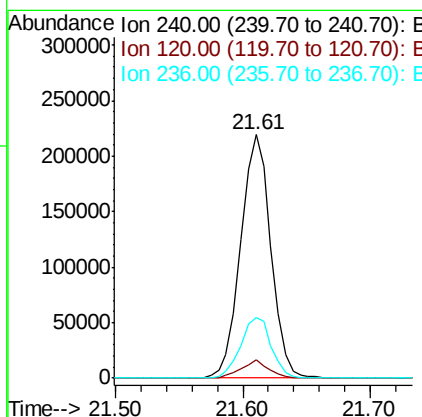
Manual Integrations
 APPROVED

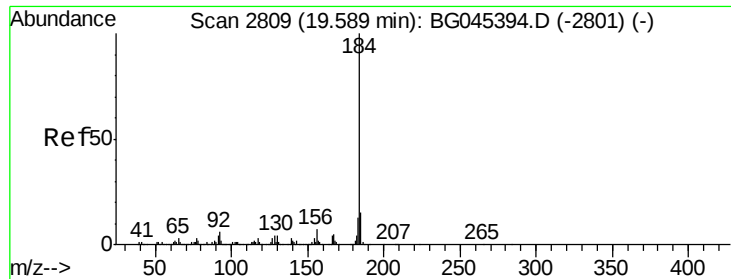
mohammad
 6/4/2020 12:11:29 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. 0.01 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion:	240	Resp:	361375
Ion Ratio	Lower	Upper	
240	100		
120	7.3	6.1	9.1
236	25.1	22.3	33.5





#77

Benzidine

Concen: 43.828 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

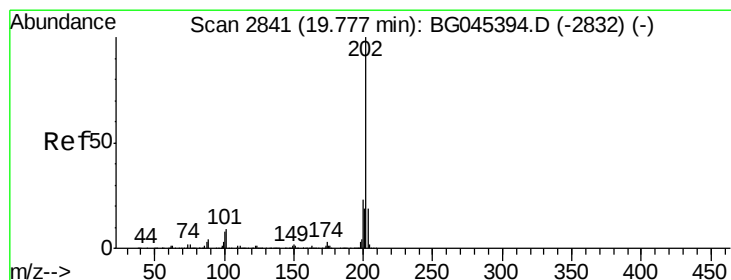
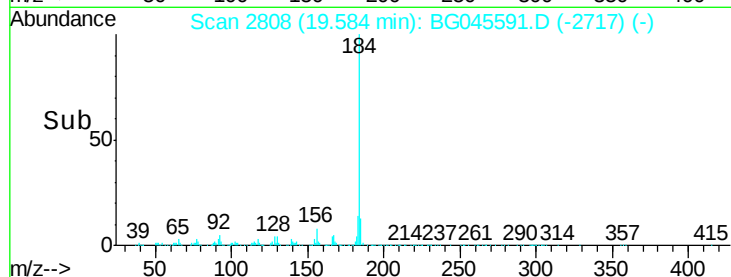
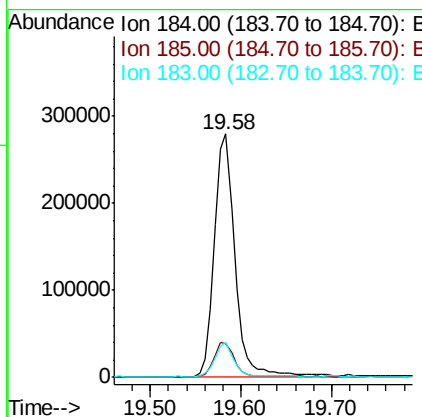
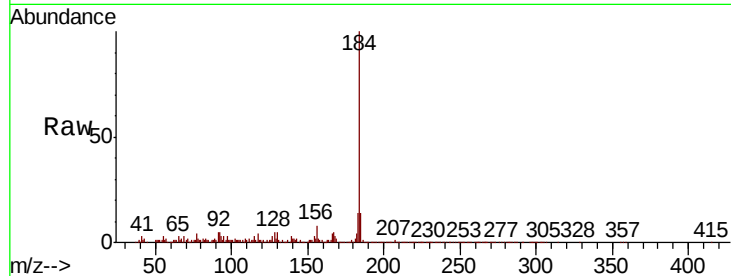
ClientSampleId :

SPMS

Tot Ion:	184	Resp:	444832
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.7	17.5
183	14.3	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#78

Pyrene

Concen: 48.909 ng

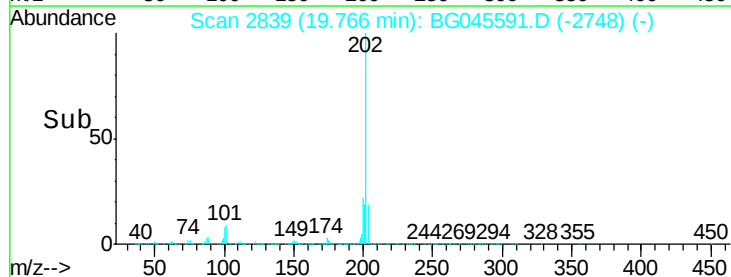
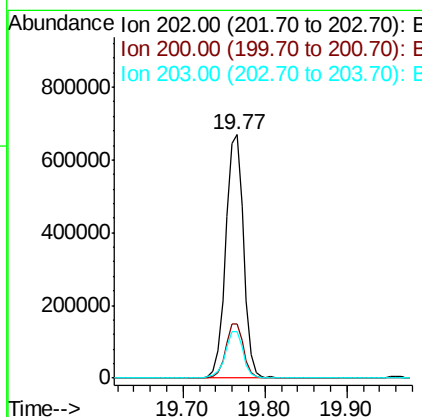
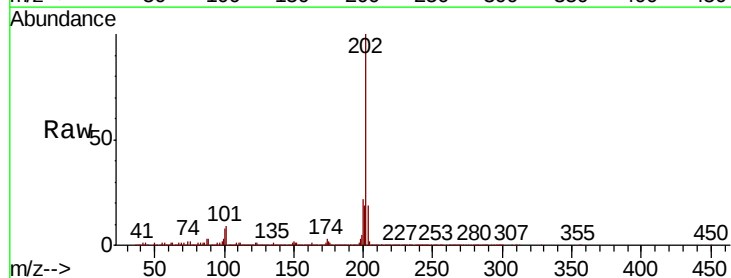
RT: 19.77 min Scan# 2839

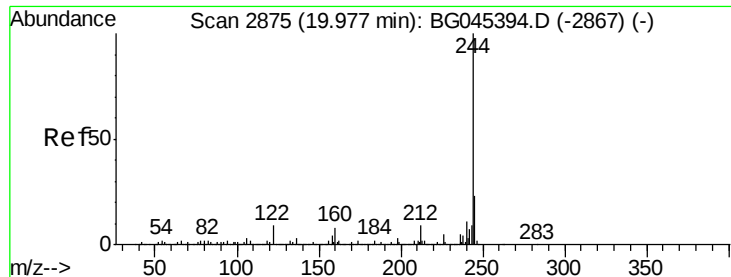
Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Tgt Ion:	202	Resp:	1007529
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.2	27.2
203	19.3	15.1	22.7





#79

Terphenyl-d14

Concen: 85.409 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

SPMS

Tot Ion:244 Resp: 1323361

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

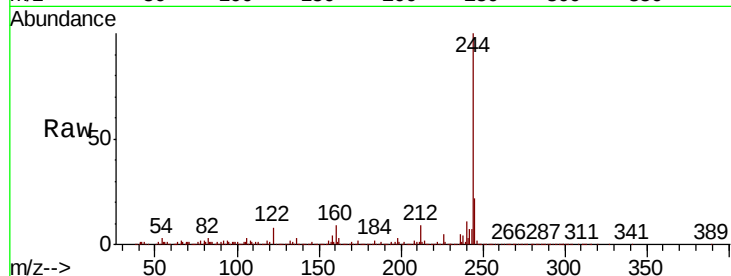
122 8.5 6.8 10.2

Manual Integrations

APPROVED

mohammad

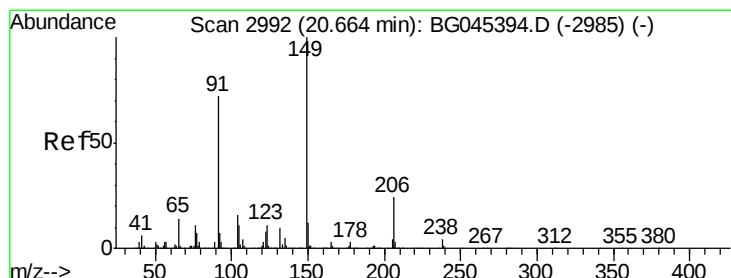
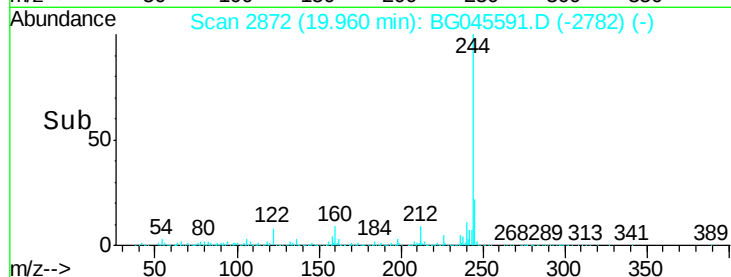
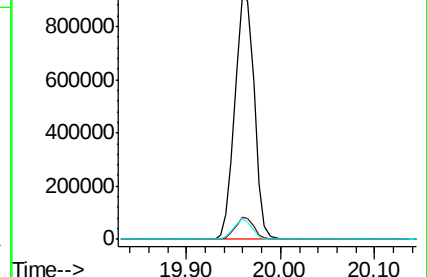
6/4/2020 12:11:29 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.233 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

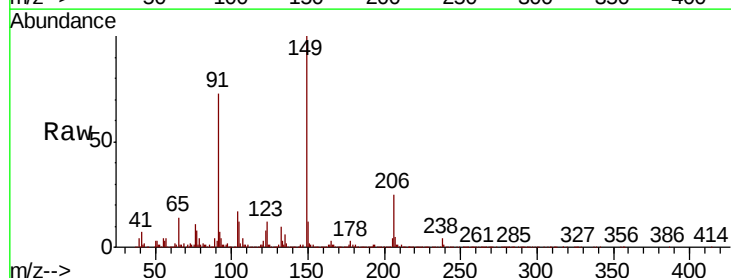
Tgt Ion:149 Resp: 411082

Ion Ratio Lower Upper

149 100

91 73.0 57.8 86.6

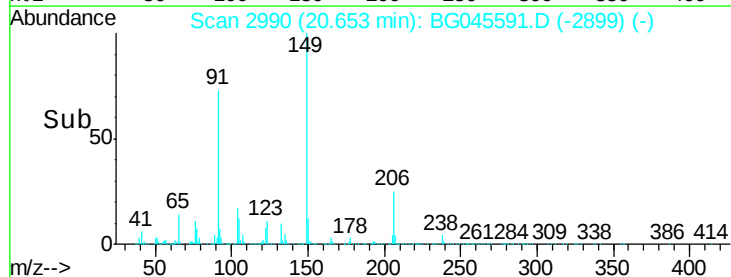
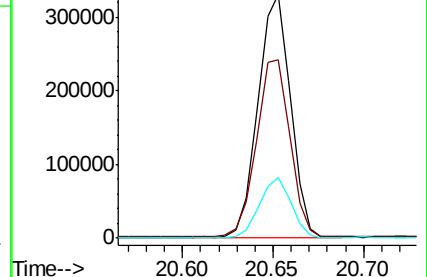
206 25.0 19.1 28.7

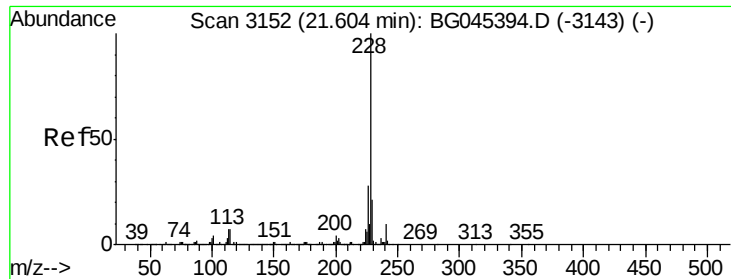


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





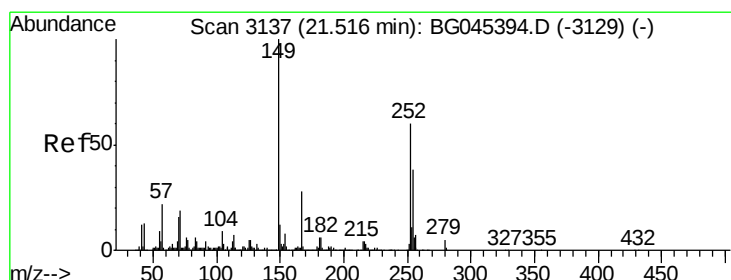
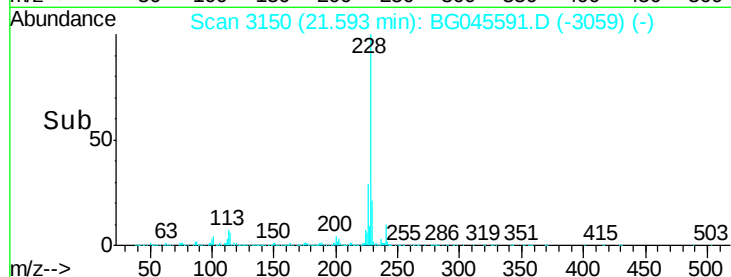
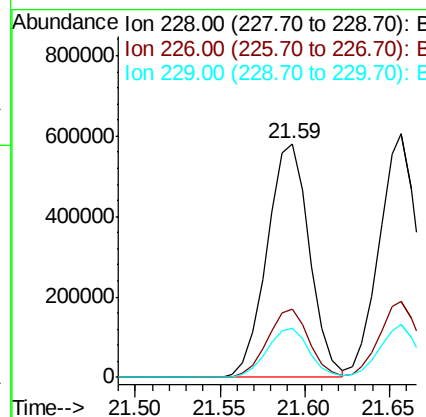
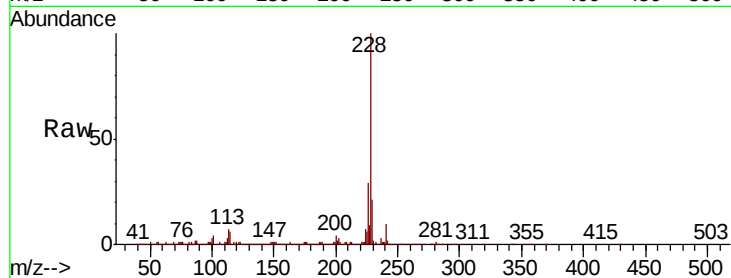
#81
Benzo(a)anthracene
Concen: 50.276 ng
RT: 21.59 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	20.8	16.7	25.1

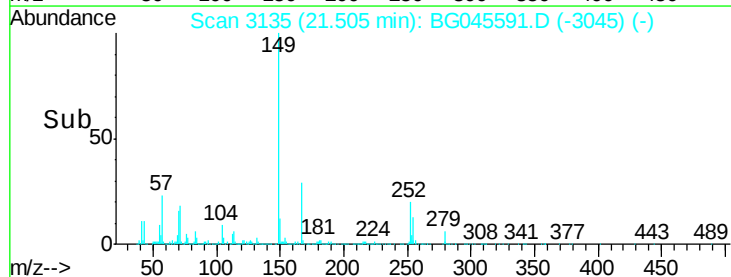
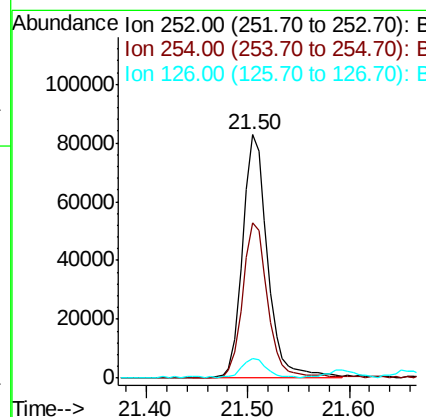
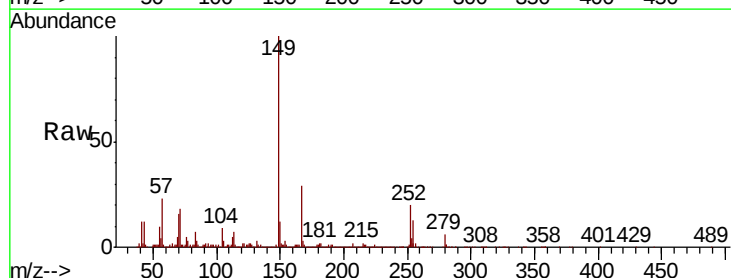
Manual Integrations
APPROVED

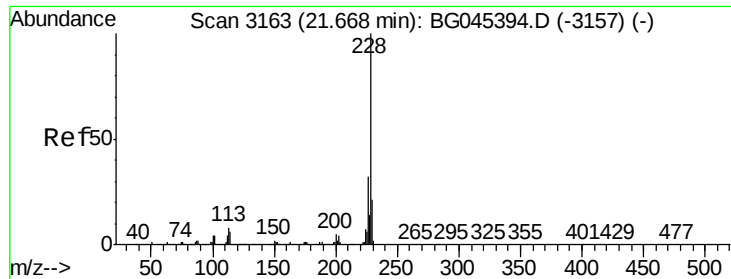
mohammad
6/4/2020 12:11:29 PM



#82
3,3'-Dichlorobenzidine
Concen: 18.020 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.3	76.9
126	7.8	6.6	10.0





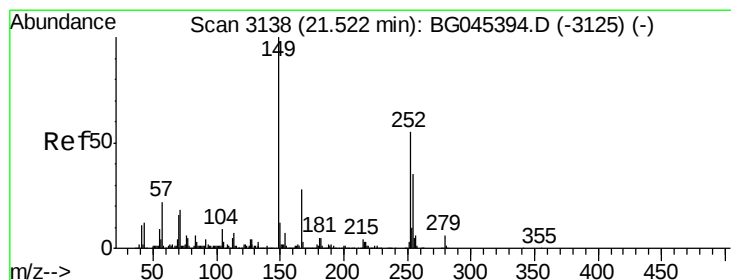
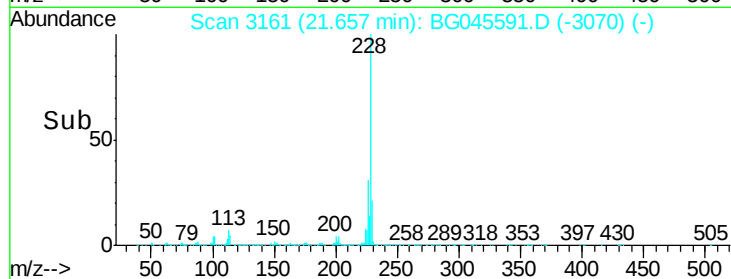
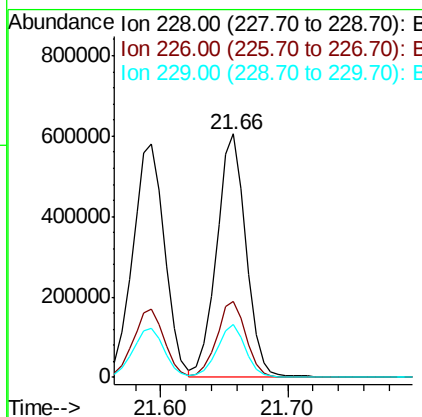
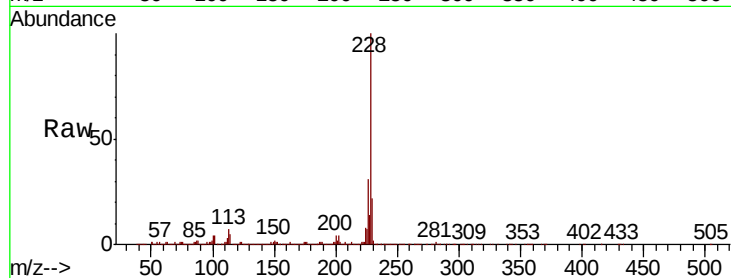
#83
 Chrysene
 Concen: 49.838 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.01 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Instrument :
 BNA_G
 ClientSampleId :
 SPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.2	37.8
229	21.5	16.7	25.1

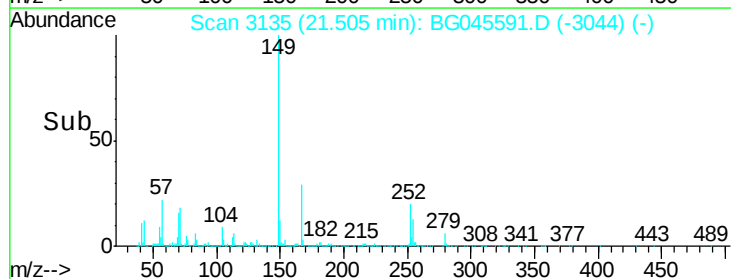
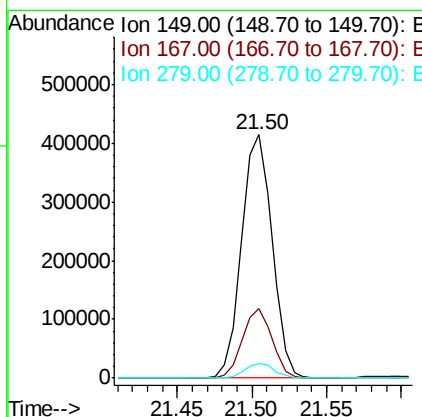
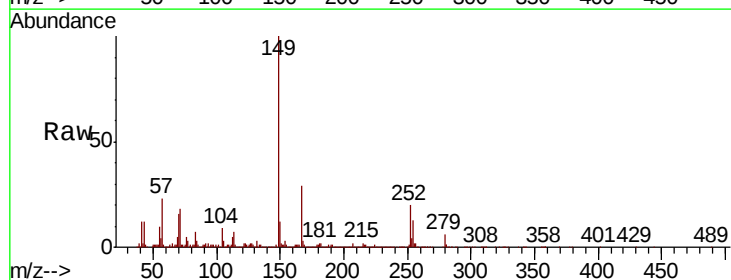
Manual Integrations
 APPROVED

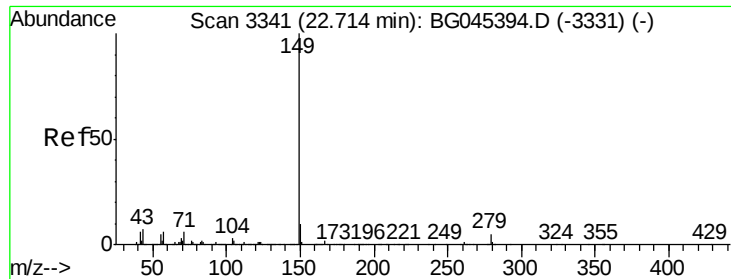
mohammad
 6/4/2020 12:11:29 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.845 ng
 RT: 21.50 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.2	33.2
279	5.9	4.7	7.1





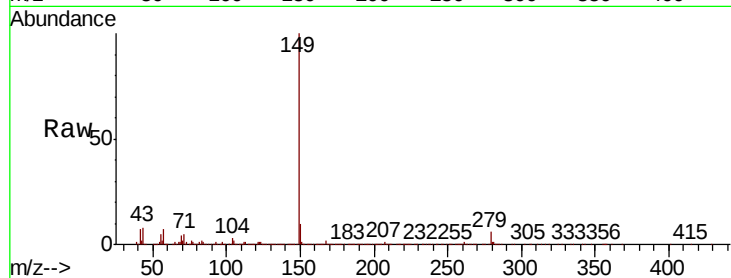
#85
Di-n-octyl phthalate
Concen: 48.021 ng
RT: 22.69 min Scan# 3337
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

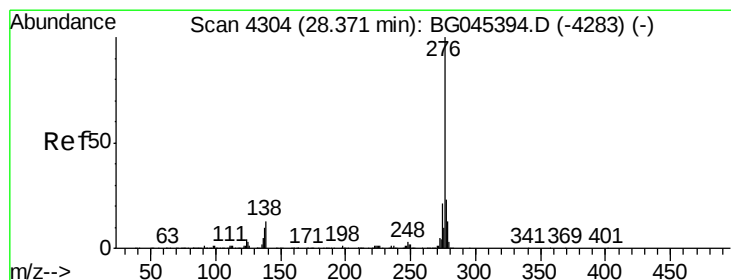
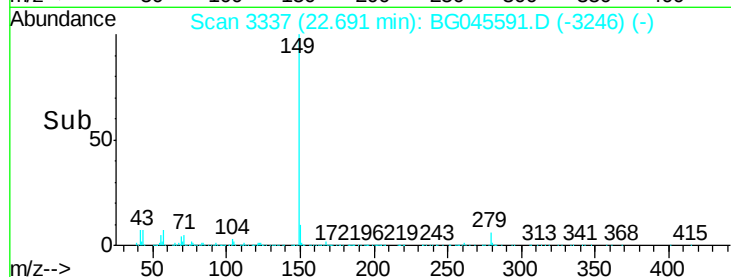
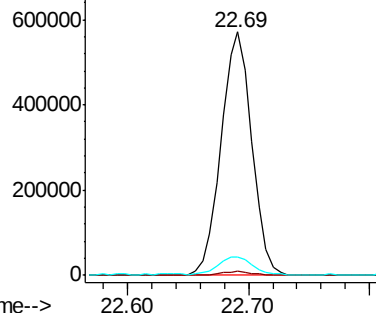
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.7	5.8	8.8

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM

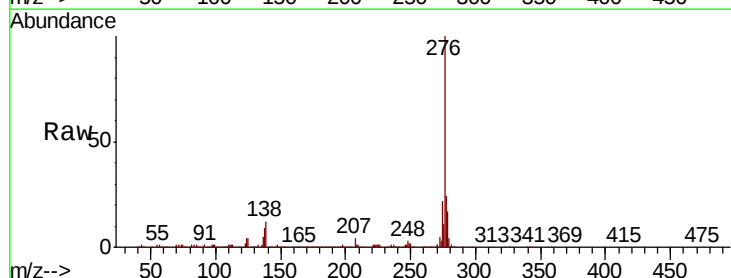


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

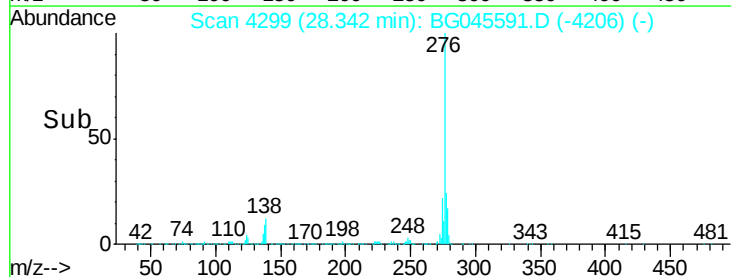
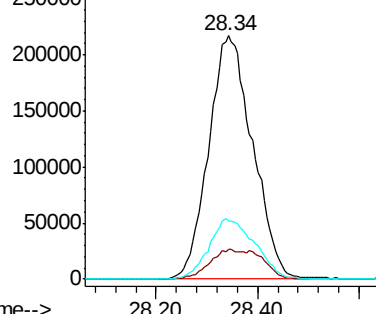


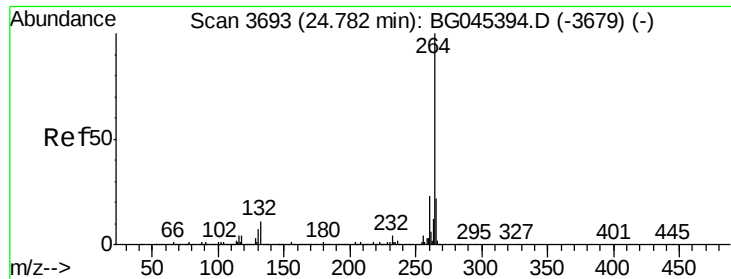
#86
Indeno(1,2,3-cd)pyrene
Concen: 51.459 ng
RT: 28.34 min Scan# 4299
Delta R.T. 0.02 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.6	8.6	12.8
277	25.9	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





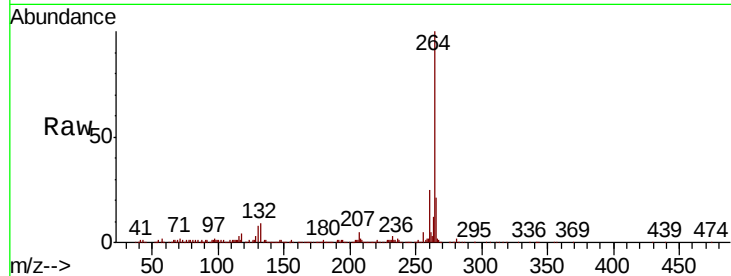
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.4
265	21.3	17.6	26.4

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM

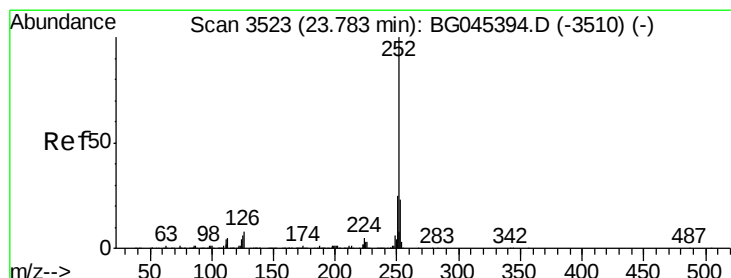
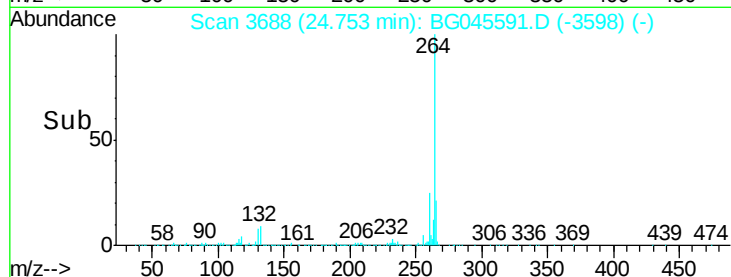
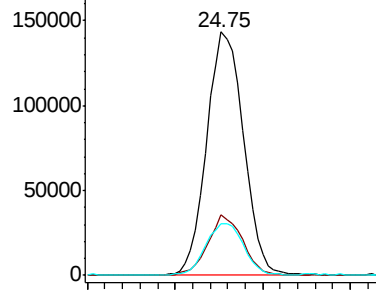


Abundance

Ion 264.00 (263.70 to 264.70): E

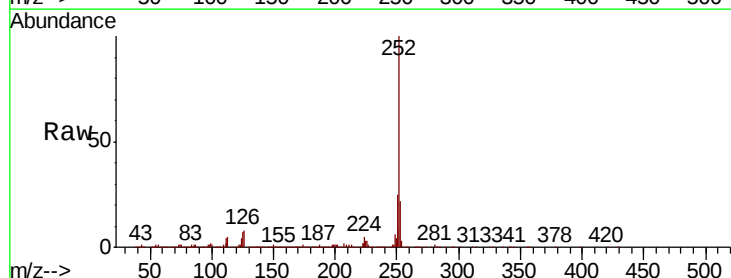
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 48.631 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	6.7	5.0	7.6

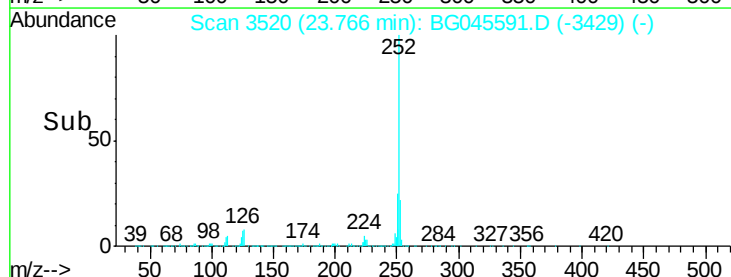
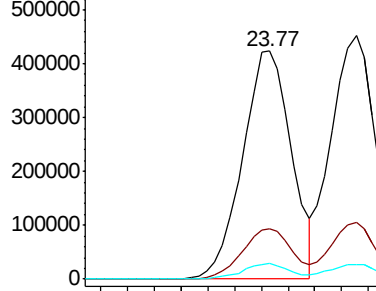


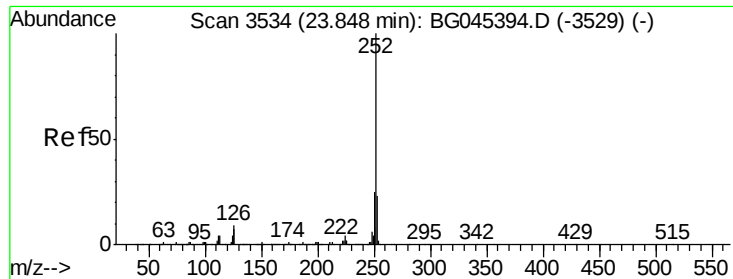
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.866 ng

RT: 23.83 min Scan# 3531

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

SPMS

Tot Ion:252 Resp: 1055232

Ion Ratio Lower Upper

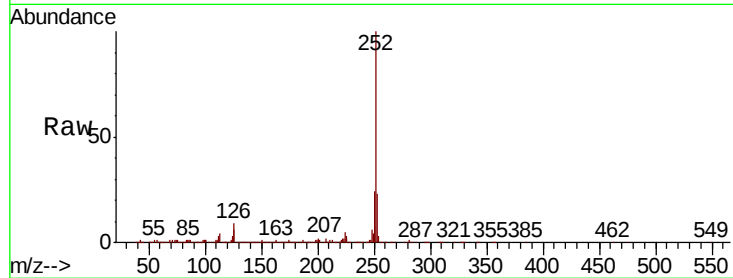
252 100

253 23.3 18.4 27.6

125 5.9 5.7 8.5

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM

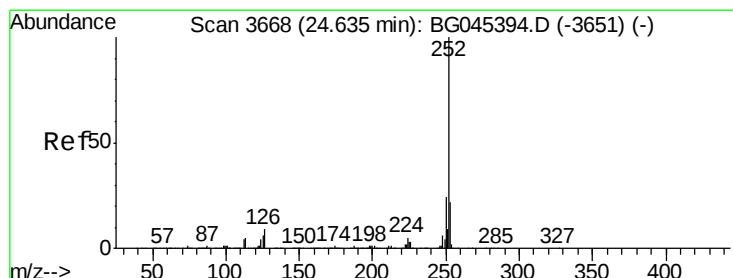
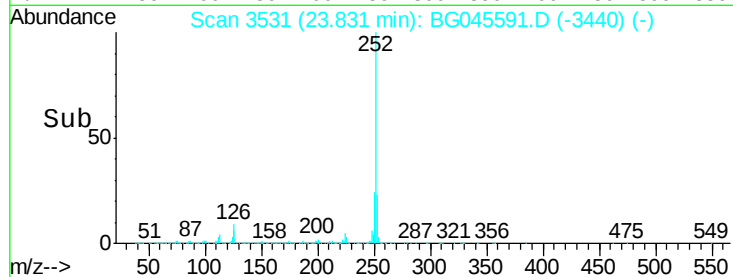
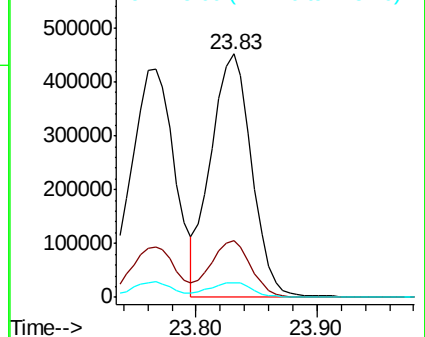


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.253 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

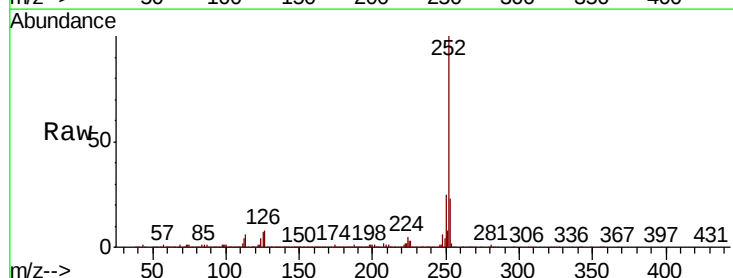
Tgt Ion:252 Resp: 992327

Ion Ratio Lower Upper

252 100

253 23.4 17.2 25.8

125 7.5 5.0 7.6

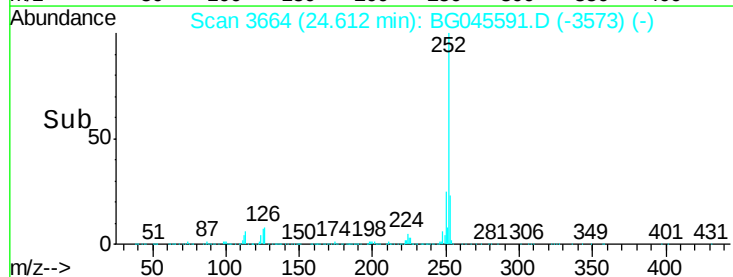
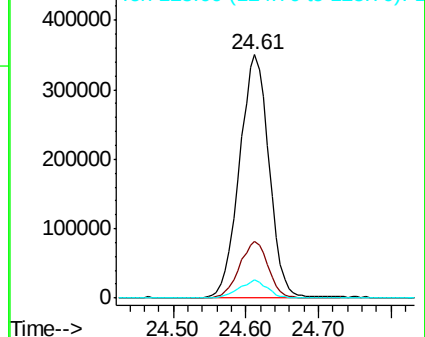


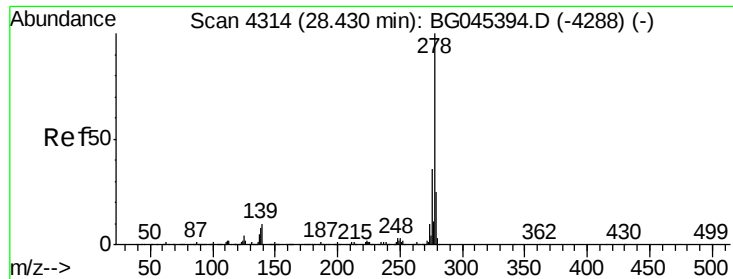
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





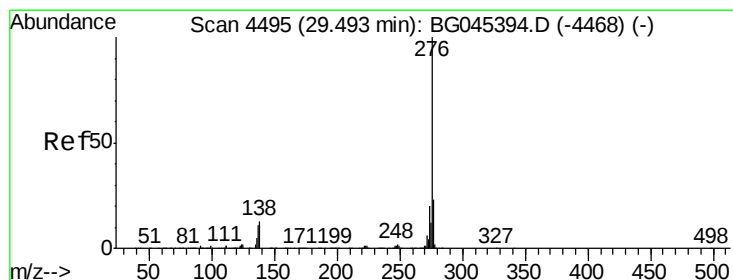
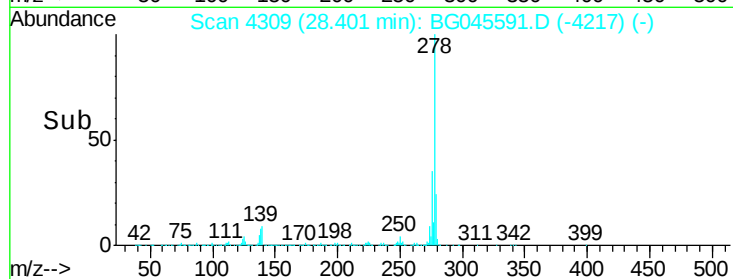
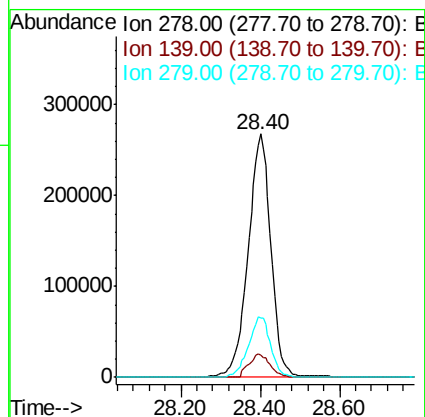
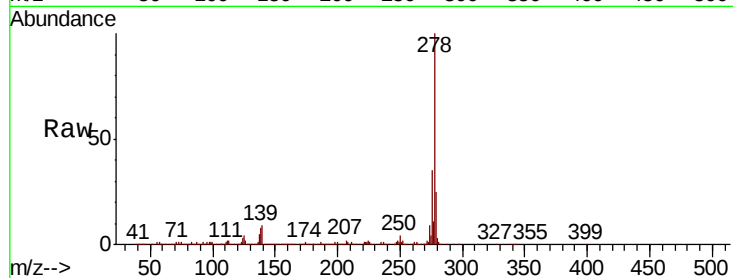
#91
Dibenzo(a,h)anthracene
Concen: 51.634 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	9.3	7.8	11.8	
279	24.6	19.8	29.8	

Manual Integrations
APPROVED

mohammad
6/4/2020 12:11:29 PM



#92
Benzo(g,h,i)perylene
Concen: 52.521 ng
RT: 29.46 min Scan# 4489
Delta R.T. 0.02 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.2	18.1	27.1	
138	11.6	10.2	15.4	

