

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045759.D
 Acq On : 13 Jun 2020 5:18
 Operator : CG/JU
 Sample : L2979-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

Manual Integrations
 APPROVED

mohammad
 6/16/2020 11:05:02 AM

Quant Time: Jun 13 06:57:45 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	63688	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	239532	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	163586	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	373701	20.00	ng	0.00
76) Chrysene-d12	21.61	240	328766	20.00	ng	0.00
87) Perylene-d12	24.75	264	360702	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	375014	115.07	ng	0.05
7) Phenol-d6	7.21	99	537482	115.88	ng	0.06
23) Nitrobenzene-d5	9.12	82	342707	78.02	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	236341	112.97	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	753899	78.17	ng	0.00
79) Terphenyl-d14	19.96	244	1190136	84.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	63305	39.173	ng	96
3) Pyridine	3.80	79	181253	40.272	ng	95
4) n-Nitrosodimethylamine	3.72	42	75412	51.204	ng	90
6) Aniline	7.29	93	177247	29.273	ng	97
8) 2-Chlorophenol	7.55	128	193743	54.213	ng	97
9) Benzaldehyde	7.09	77	145488	48.143	ng	95
10) Phenol	7.24	94	259138	54.208	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	171554	46.008	ng	99
12) 1,3-Dichlorobenzene	7.84	146	206186	48.010	ng	96
13) 1,4-Dichlorobenzene	7.99	146	207936	49.062	ng	94
14) 1,2-Dichlorobenzene	8.31	146	197545	48.461	ng	97
15) Benzyl Alcohol	8.22	79	193161	50.411	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	164167	46.382	ng	65
17) 2-Methylphenol	8.47	107	173514	48.493	ng	# 91
18) Hexachloroethane	9.03	117	78851	48.577	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	154706	48.233	ng	99
20) 3+4-Methylphenols	8.80	107	226243	46.433	ng	92
22) Acetophenone	8.78	105	286873	50.531	ng	# 96
24) Nitrobenzene	9.16	77	238428	50.663	ng	97
25) Isophorone	9.68	82	416917	48.195	ng	99
26) 2-Nitrophenol	9.87	139	106957	53.128	ng	93
27) 2,4-Dimethylphenol	9.98	122	172720	57.845	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	238093	52.482	ng	99
29) 2,4-Dichlorophenol	10.46	162	197182	55.922	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	216687	52.007	ng	96
31) Naphthalene	10.81	128	573087	51.343	ng	98
32) Benzoic acid	10.20	122	119520	56.588	ng	97
33) 4-Chloroaniline	10.94	127	106257	22.774	ng	97
34) Hexachlorobutadiene	11.10	225	147872	50.209	ng	100
35) Caprolactam	11.72	113	61208m	47.293	ng	
36) 4-Chloro-3-methylphenol	12.12	107	226253	56.944	ng	94
37) 2-Methylnaphthalene	12.42	142	432769	52.019	ng	98
38) 1-Methylnaphthalene	12.64	142	412795m	52.526	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	242378	53.046	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045759.D
 Acq On : 13 Jun 2020 5:18
 Operator : CG/JU
 Sample : L2979-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

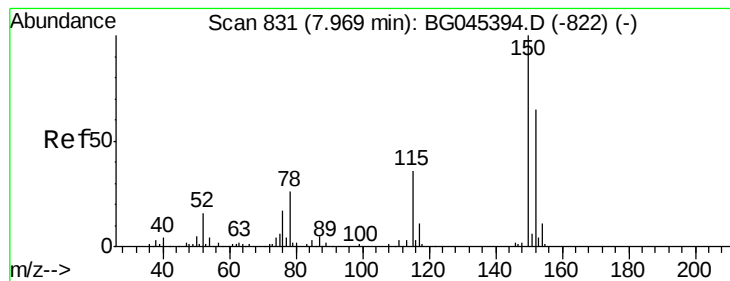
Manual Integrations
 APPROVED

mohammad
 6/16/2020 11:05:02 AM

Quant Time: Jun 13 06:57:45 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	12.77	237	222058	84.200	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	173347	54.614	nq	95
44) 2,4,5-Trichlorophenol	13.16	196	183325	50.543	nq	98
46) 1,1'-Biphenyl	13.43	154	536412	53.366	nq	98
47) 2-Chloronaphthalene	13.47	162	421755	51.671	nq	98
48) 2-Nitroaniline	13.70	65	139586	51.989	nq	94
49) Acenaphthylene	14.32	152	673854	51.397	nq	99
50) Dimethylphthalate	14.05	163	601120	53.567	nq	98
51) 2,6-Dinitrotoluene	14.18	165	127499	50.351	nq	99
52) Acenaphthene	14.66	154	411049	46.838	nq	97
53) 3-Nitroaniline	14.52	138	89204	34.654	nq	98
54) 2,4-Dinitrophenol	14.73	184	111145	67.891	nq	92
55) Dibenzofuran	14.99	168	656710	50.390	nq	95
56) 4-Nitrophenol	14.92	139	165276	84.807	nq	94
57) 2,4-Dinitrotoluene	14.97	165	179508	48.948	nq	95
58) Fluorene	15.65	166	549141	51.288	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	173765	54.454	nq	100
60) Diethylphthalate	15.42	149	568106	48.639	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	303787	49.583	nq	98
62) 4-Nitroaniline	15.70	138	111601	41.529	nq	99
63) Azobenzene	15.93	77	561768	51.581	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	103633	47.616	nq	96
66) n-Nitrosodiphenylamine	15.86	169	480219	53.521	nq	98
67) 4-Bromophenyl-phenylether	16.53	248	208099	51.426	nq	97
68) Hexachlorobenzene	16.66	284	228070	53.887	nq	96
69) Atrazine	16.82	200	181252	49.044	nq	98
70) Pentachlorophenol	17.02	266	222908	101.432	nq	98
71) Phenanthrene	17.39	178	907241	55.611	nq	99
72) Anthracene	17.48	178	871585	53.200	nq	98
73) Carbazole	17.76	167	792404	49.619	nq	99
74) Di-n-butylphthalate	18.31	149	941766	49.133	nq	100
75) Fluoranthene	19.40	202	1110872	53.534	nq	100
77) Benzidine	19.58	184	386358	41.843	nq	99
78) Pyrene	19.76	202	1070899	57.142	nq	99
80) Butylbenzylphthalate	20.65	149	412765	51.026	nq	96
81) Benzo(a)anthracene	21.59	228	991534	54.139	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	255649	35.586	nq	98
83) Chrysene	21.65	228	952906	54.111	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	576161	51.814	nq	99
85) Di-n-octyl phthalate	22.68	149	955366	50.024	nq	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1216971	52.847	nq	98
88) Benzo(b)fluoranthene	23.76	252	1064546	55.030	nq	99
89) Benzo(k)fluoranthene	23.83	252	977949	53.810	nq	99
90) Benzo(a)pyrene	24.61	252	955118	53.014	nq	98
91) Dibenzo(a,h)anthracene	28.40	278	984413	54.373	nq	96
92) Benzo(g,h,i)perylene	29.45	276	995663	54.988	nq	99

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



#1

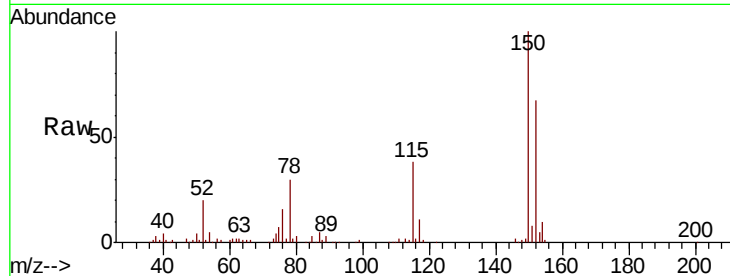
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampled :
15-SPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	122.4	183.6
115	57.5	44.2	66.4

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM

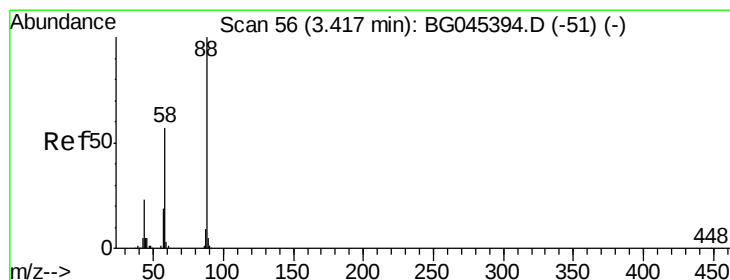
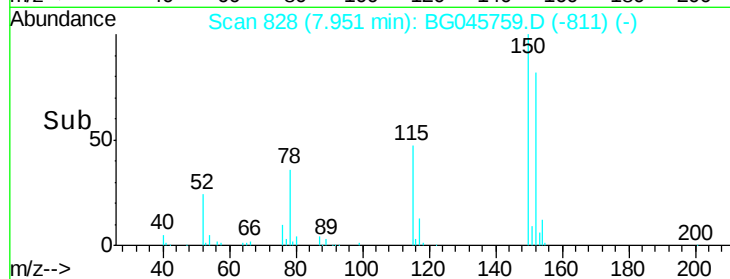
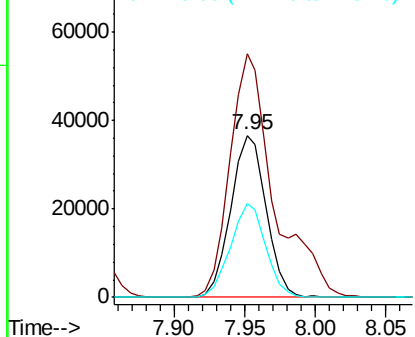


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

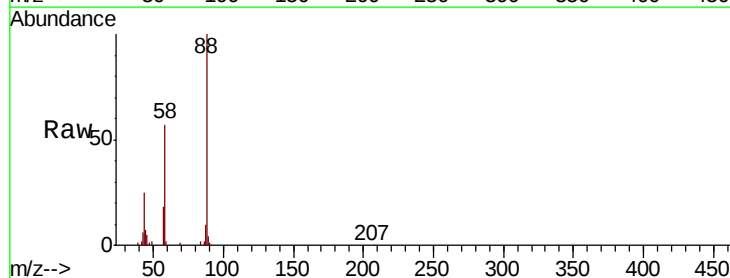
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.173 ng
RT: 3.40 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.4	45.7	68.5
43	24.4	16.8	25.2

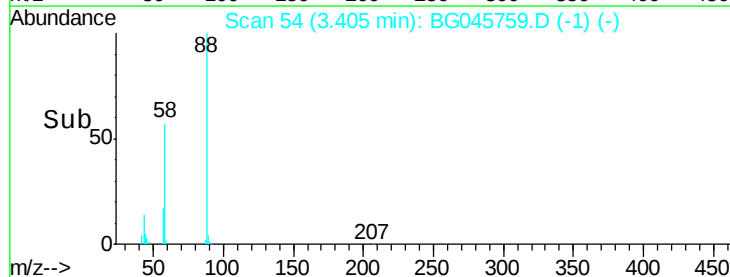
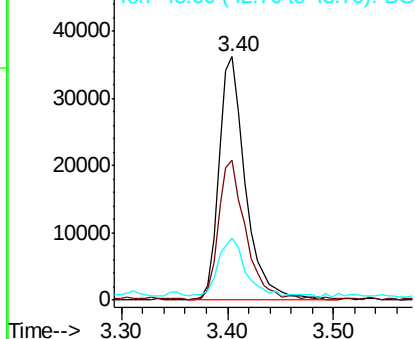


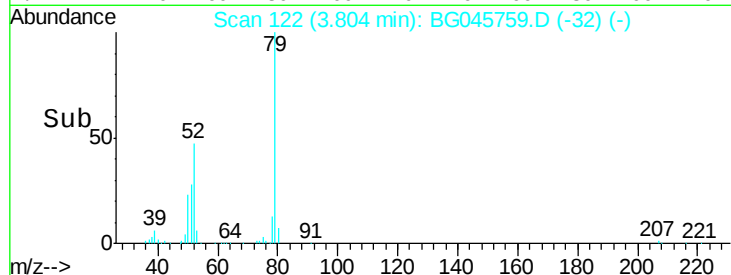
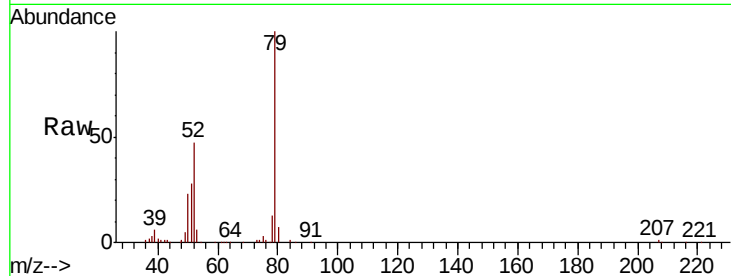
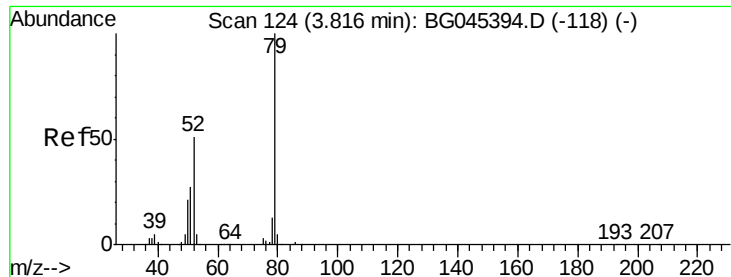
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





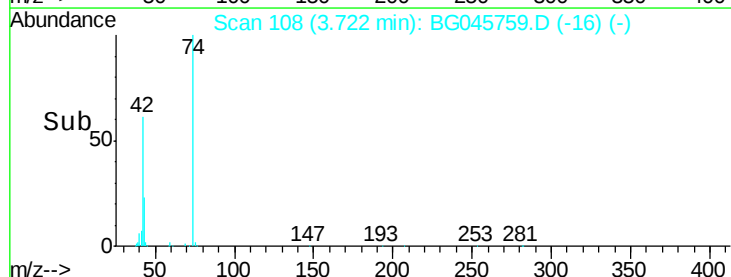
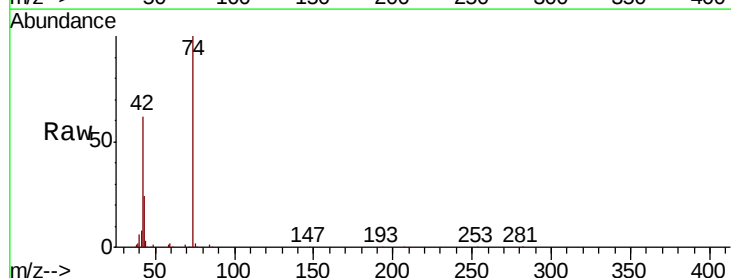
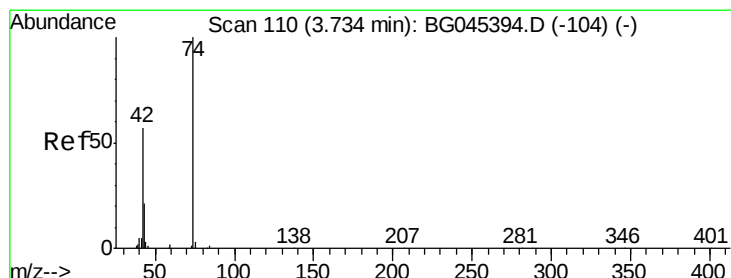
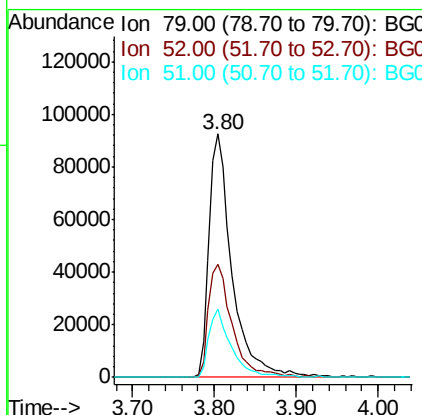
#3
 Pvridine
 Concen: 40.272 ng
 RT: 3.80 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: BG045759.D
 Acq: 13 Jun 2020 5:18

Tot Ion:	79	Resp:	181253
Ion Ratio	Lower	Upper	
79	100		
52	46.6	40.8	61.2
51	28.1	21.9	32.9

Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

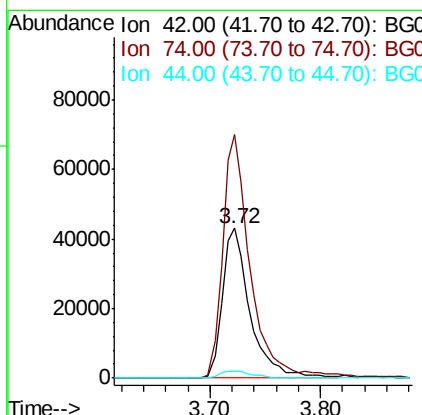
Manual Integrations
 APPROVED

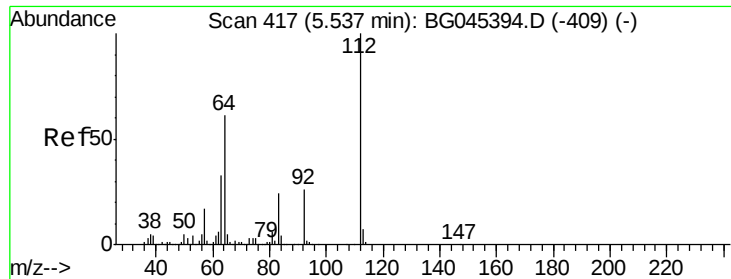
mohammad
 6/16/2020 11:05:02 AM



#4
 n-Nitrosodimethylamine
 Concen: 51.204 ng
 RT: 3.72 min Scan# 108
 Delta R.T. 0.01 min
 Lab File: BG045759.D
 Acq: 13 Jun 2020 5:18

Tgt Ion:	42	Resp:	75412
Ion Ratio	Lower	Upper	
42	100		
74	162.5	141.3	211.9
44	4.4	4.2	6.4





#5

2-Fluorophenol

Concen: 115.075 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.05 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

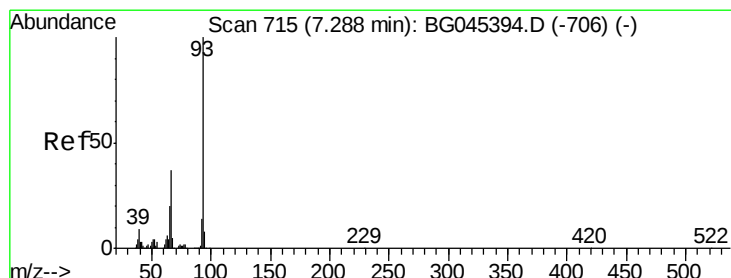
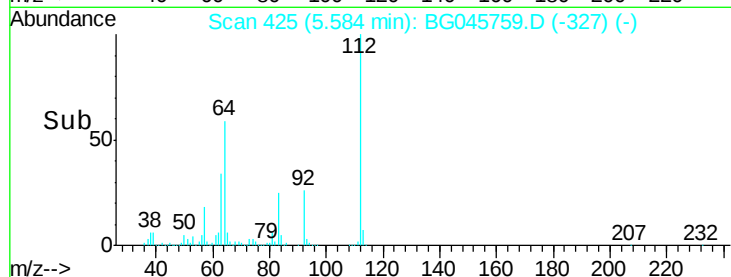
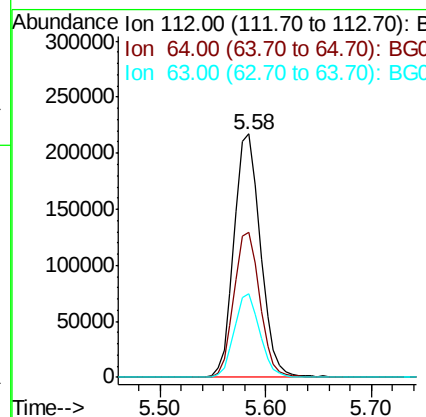
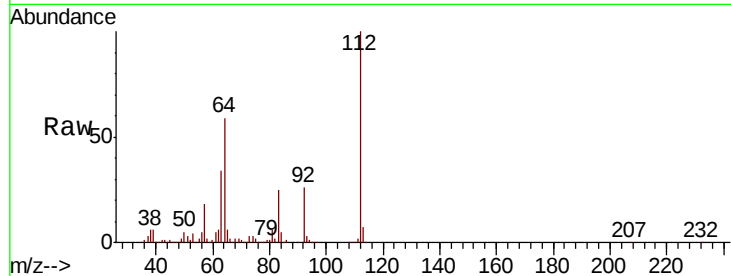
ClientSampled :

15-SPMS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	375014		
64	59.5		48.6	72.8
63	34.2		26.5	39.7

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#6

Aniline

Concen: 29.273 ng

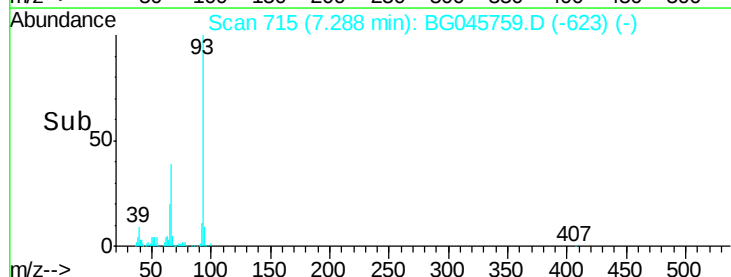
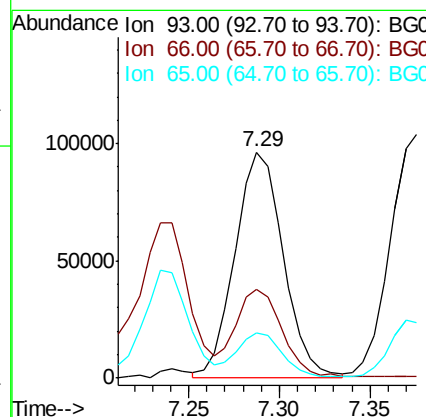
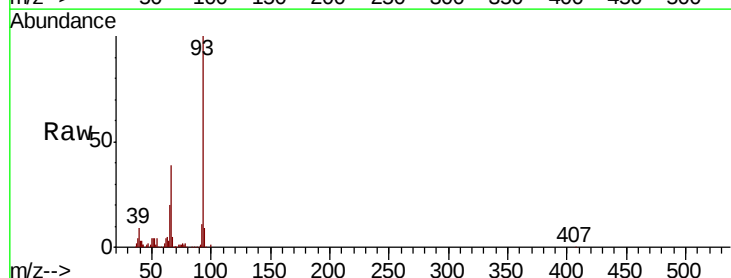
RT: 7.29 min Scan# 715

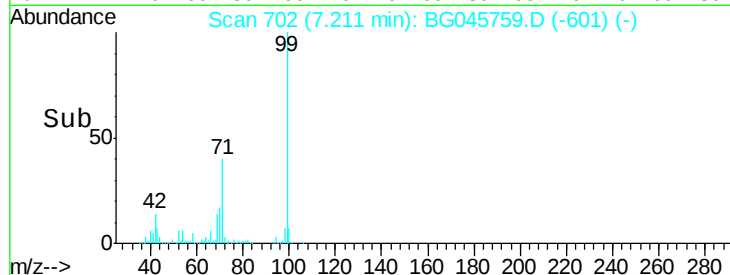
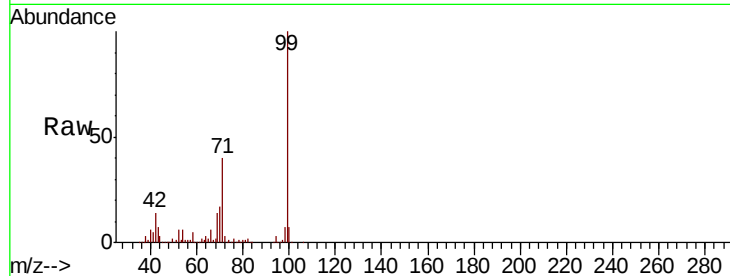
Delta R.T. 0.01 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	177247		
66	39.5		29.6	44.4
65	20.2		15.9	23.9





#7

Phenol-d6

Concen: 115.878 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.06 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		537482		
42	14.2	11.3	16.9		
71	40.5	30.8	46.2		

Instrument :

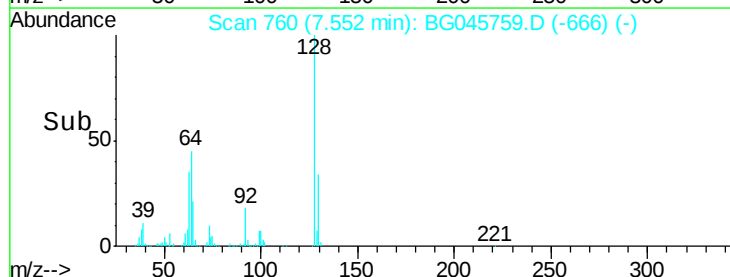
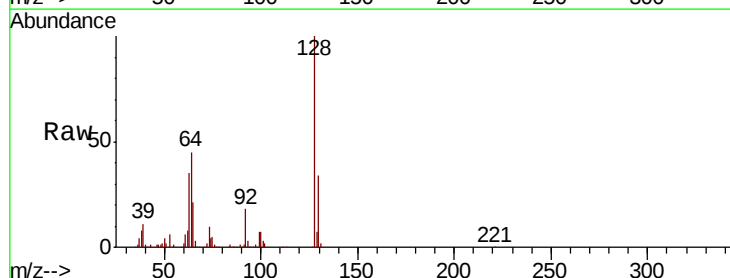
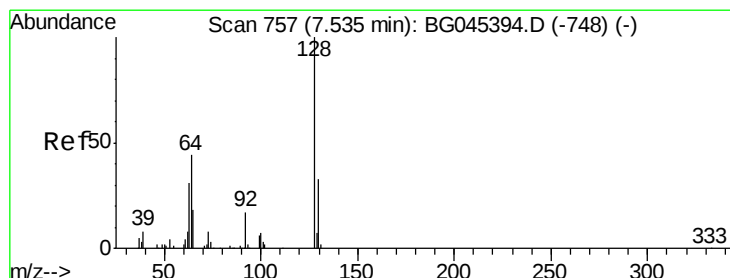
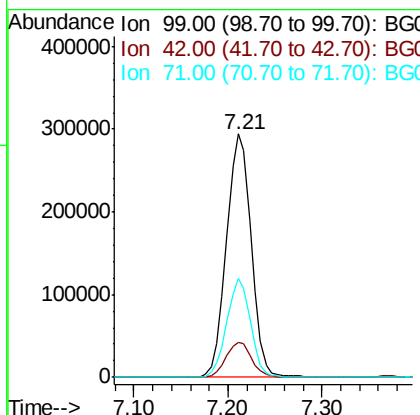
BNA_G

ClientSampleId :

15-SPMS

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#8

2-Chlorophenol

Concen: 54.213 ng

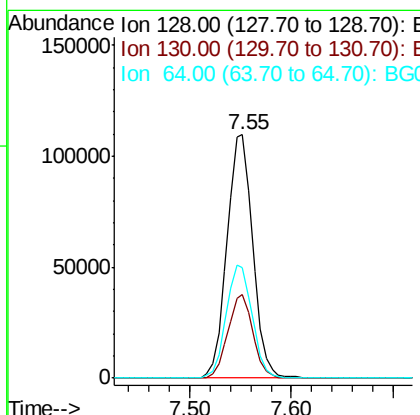
RT: 7.55 min Scan# 760

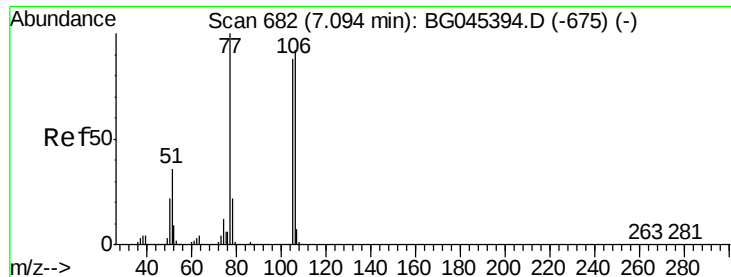
Delta R.T. 0.02 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		193743		
130	34.5	12.6	52.6		
64	45.3	27.0	67.0		





#9

Benzaldehyde

Concen: 48.143 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

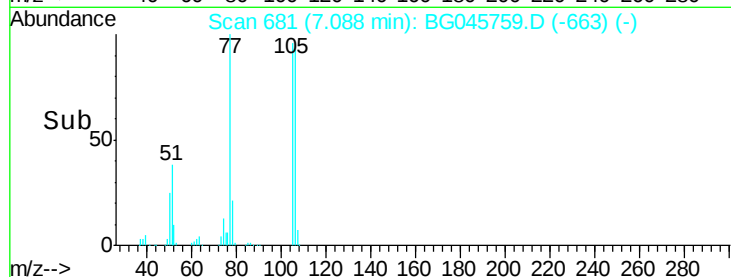
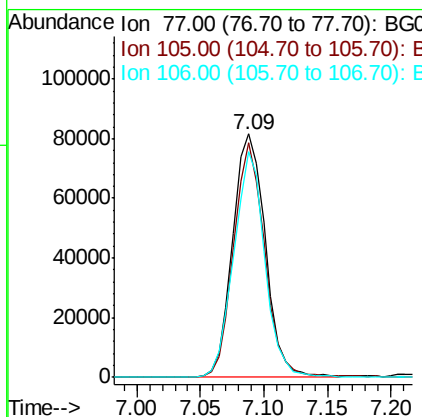
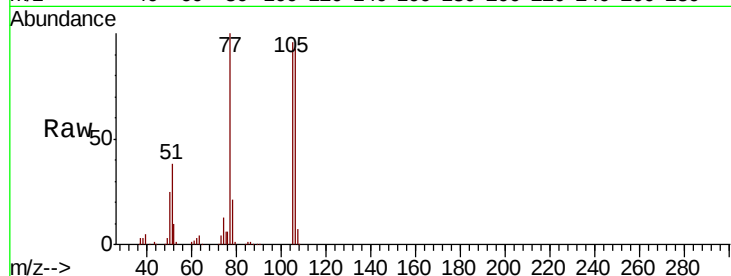
ClientSampled :

15-SPMS

Tot Ion:	77	Resp:	145488
Ion	Ratio	Lower	Upper
77	100		
105	96.3	68.5	108.5
106	92.9	71.6	111.6

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#10

Phenol

Concen: 54.208 ng

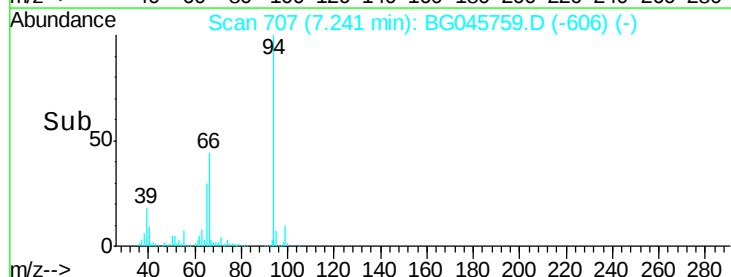
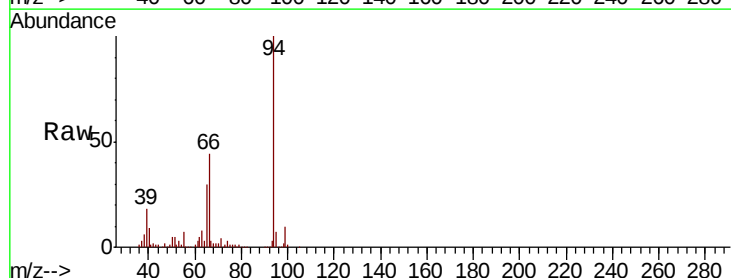
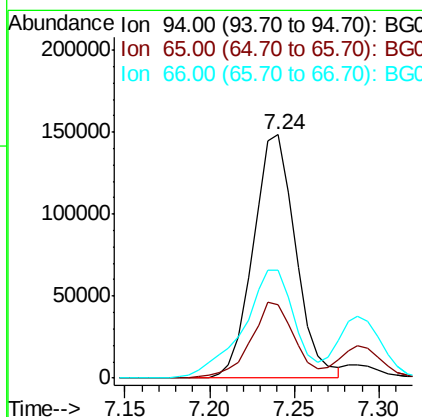
RT: 7.24 min Scan# 707

Delta R.T. 0.06 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion:	94	Resp:	259138
Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.8	49.8
66	44.4	22.0	62.0





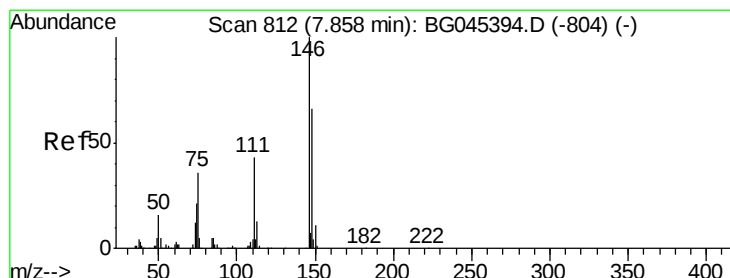
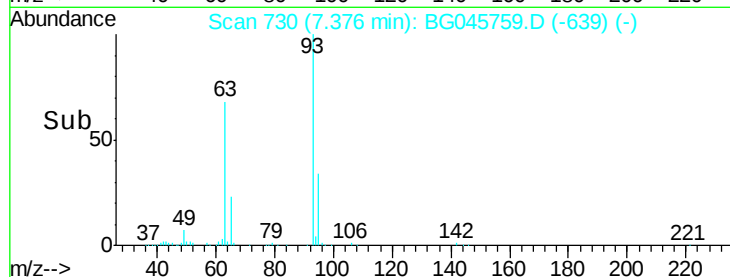
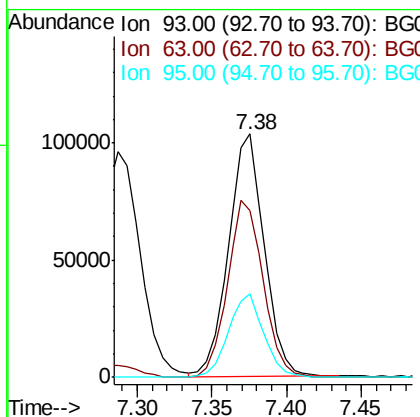
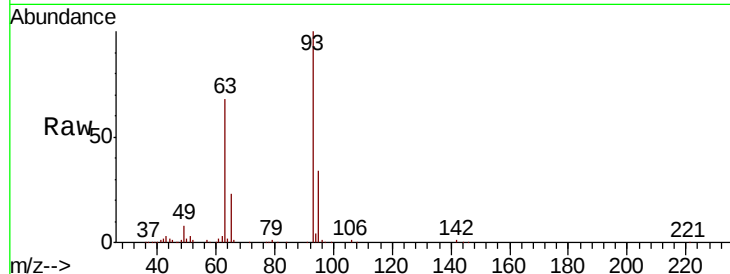
#11
bis(2-Chloroethyl)ether
Concen: 46.008 ng
RT: 7.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion:	93	Resp:	171554
Ion Ratio	Lower	Upper	
93	100		
63	68.4	48.4	88.4
95	34.3	12.4	52.4

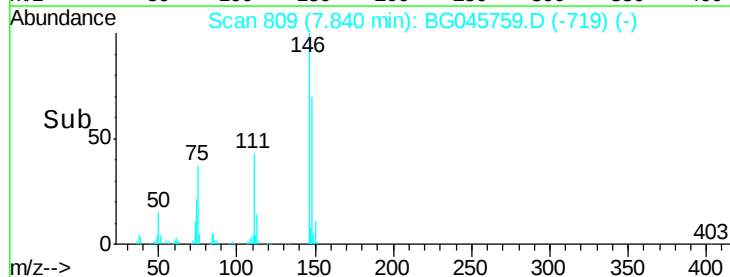
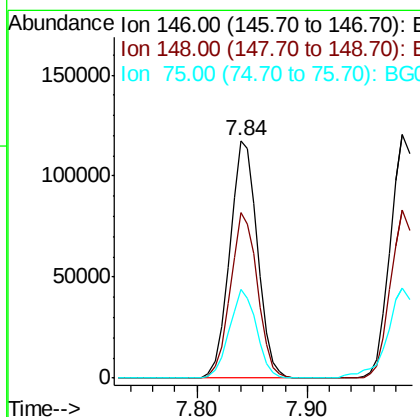
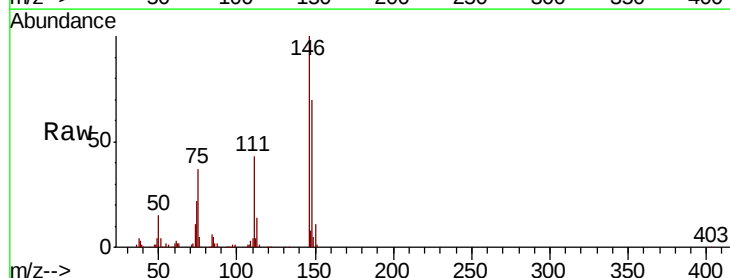
Manual Integrations
APPROVED

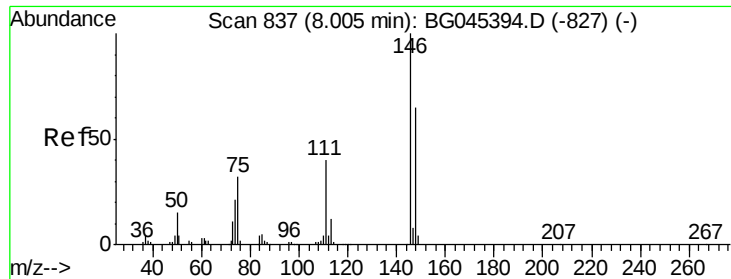
mohammad
6/16/2020 11:05:02 AM



#12
1,3-Dichlorobenzene
Concen: 48.010 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion:	146	Resp:	206186
Ion Ratio	Lower	Upper	
146	100		
148	69.6	53.2	79.8
75	37.4	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 49.062 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

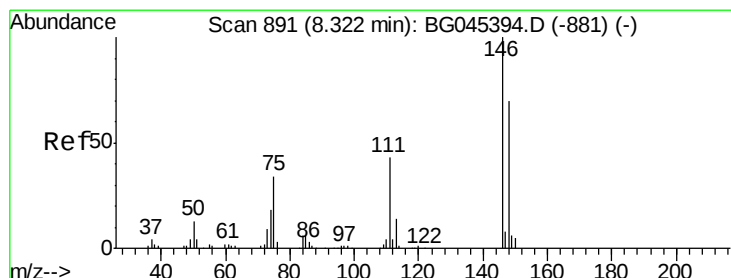
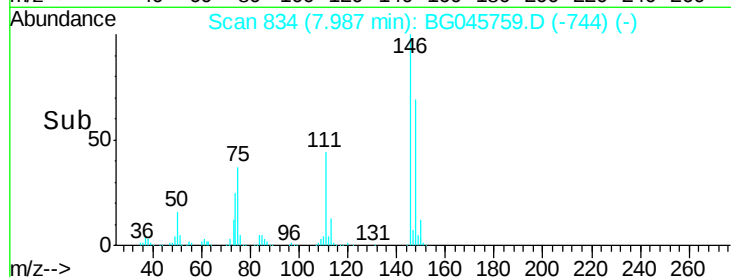
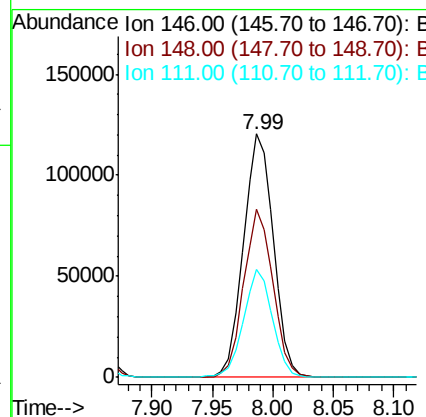
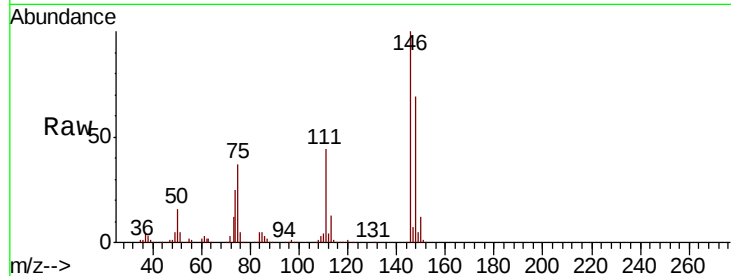
ClientSampleId :

15-SPMS

Tot Ion:	146	Resp:	207936
Ion Ratio	Lower	Upper	
146	100		
148	69.2	51.8	77.8
111	44.4	32.1	48.1

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#14

1,2-Dichlorobenzene

Concen: 48.461 ng

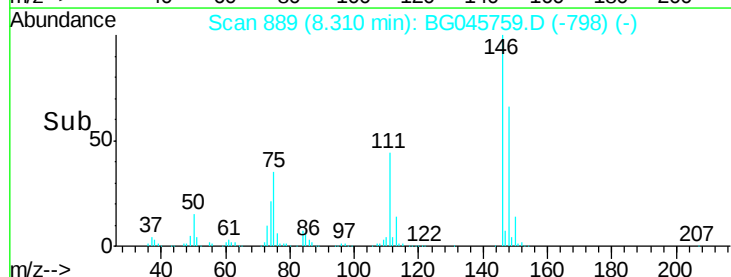
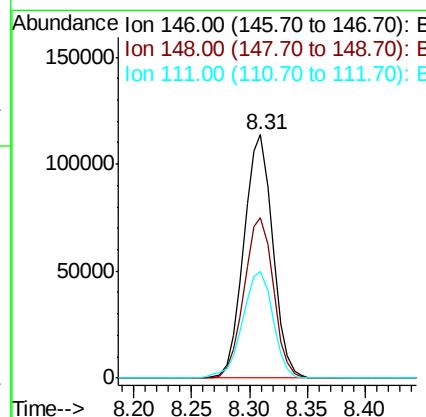
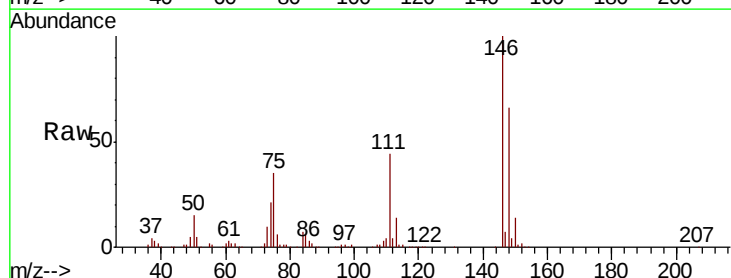
RT: 8.31 min Scan# 889

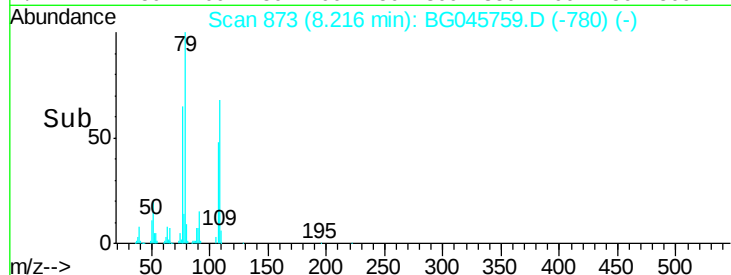
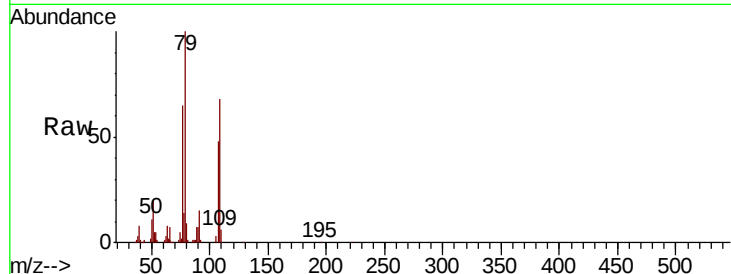
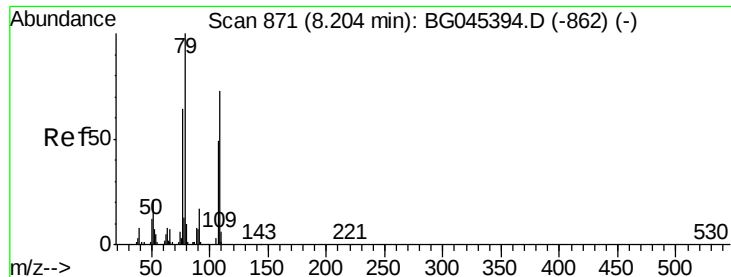
Delta R.T. 0.01 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion:	146	Resp:	197545
Ion Ratio	Lower	Upper	
146	100		
148	66.1	55.9	83.9
111	43.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 50.411 ng

RT: 8.22 min Scan# 873

Delta R.T. 0.02 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tot Ion:	79	Resp:	193161
Ion Ratio	Lower	Upper	
79	100		
108	67.8	58.2	87.4
77	65.1	51.0	76.4

Instrument :

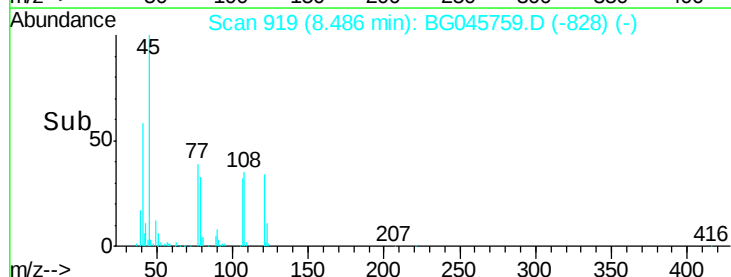
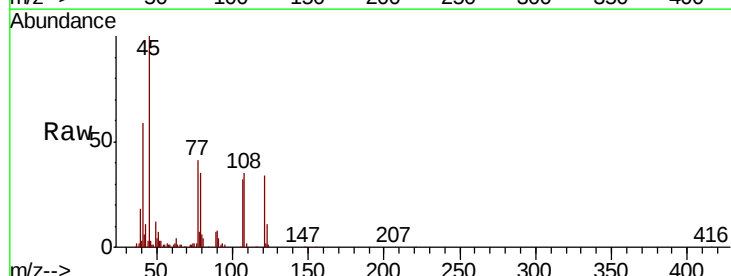
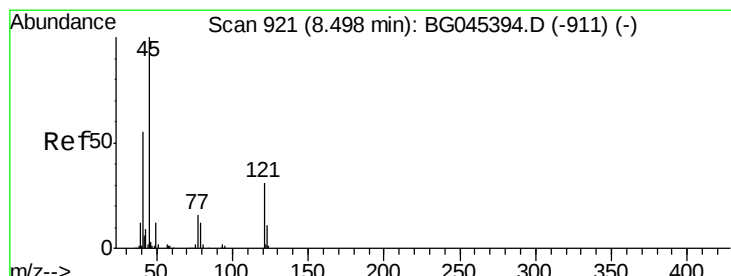
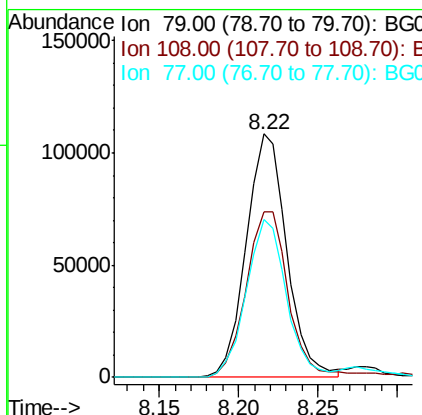
BNA_G

ClientSampled :

15-SPMS

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.382 ng

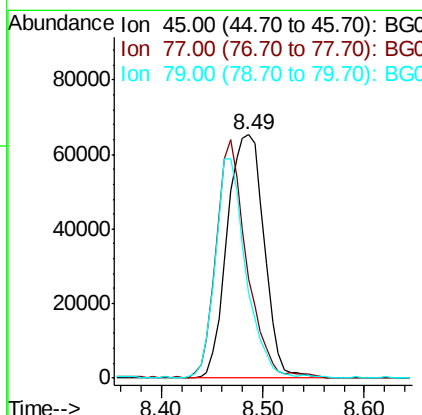
RT: 8.49 min Scan# 919

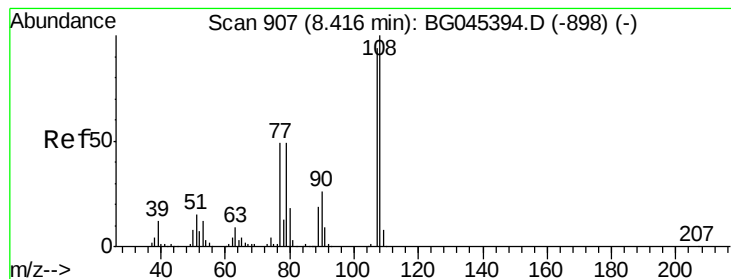
Delta R.T. 0.01 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion:	45	Resp:	164167
Ion Ratio	Lower	Upper	
45	100		
77	40.9	4.0	44.0
79	34.7	0.0	38.6





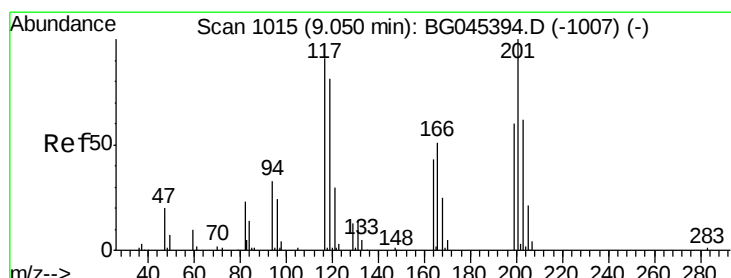
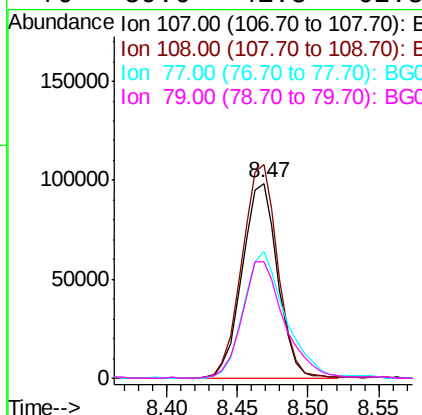
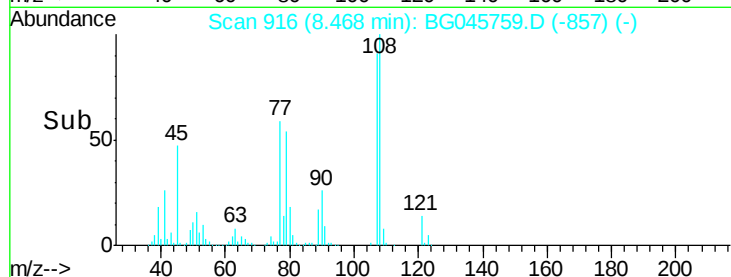
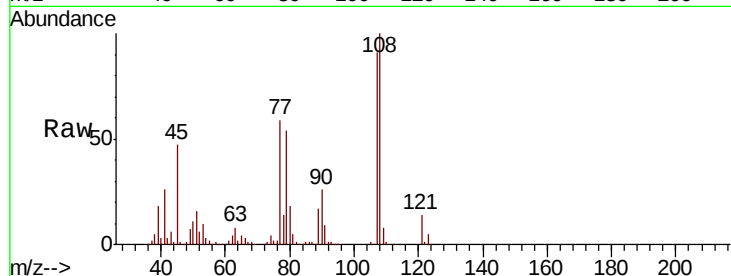
#17
2-Methylphenol
Concen: 48.493 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.05 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	85.2	127.8	
77	64.8	41.6	62.4	
79	59.6	41.8	62.8	

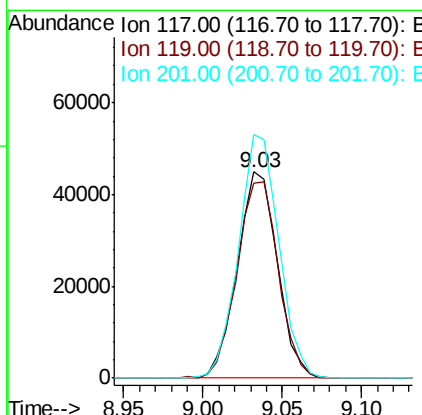
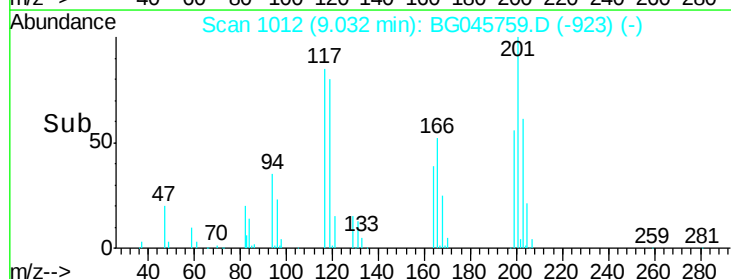
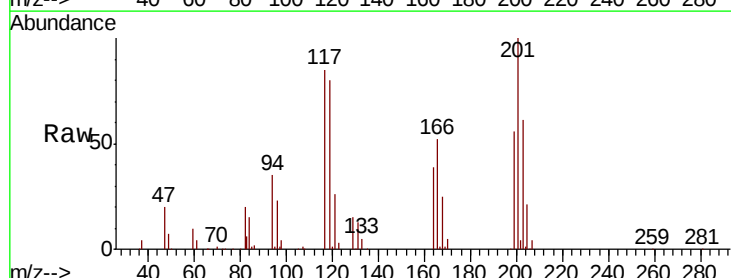
Manual Integrations
APPROVED

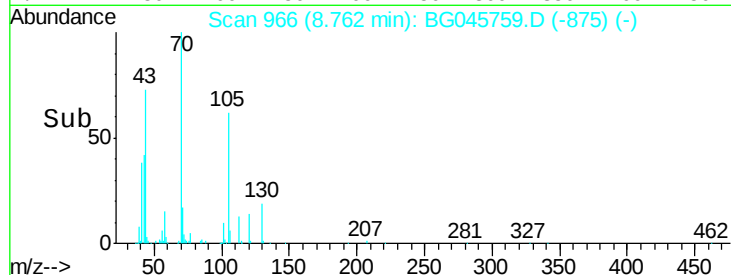
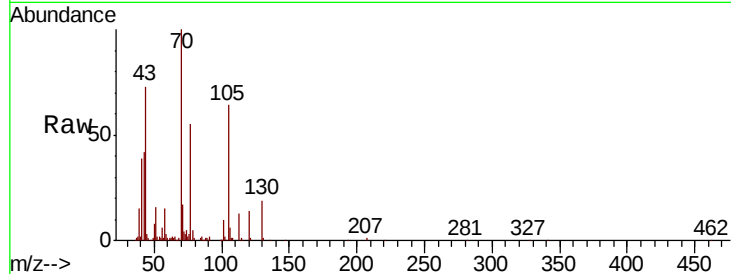
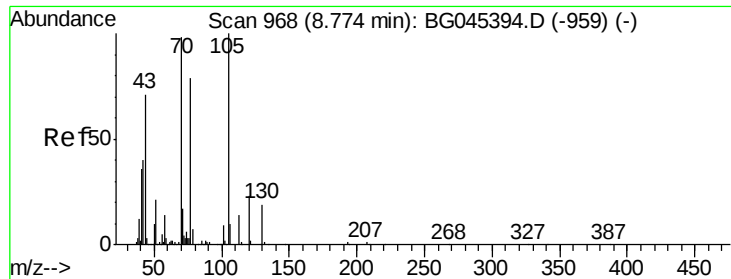
mohammad
6/16/2020 11:05:02 AM



#18
Hexachloroethane
Concen: 48.577 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

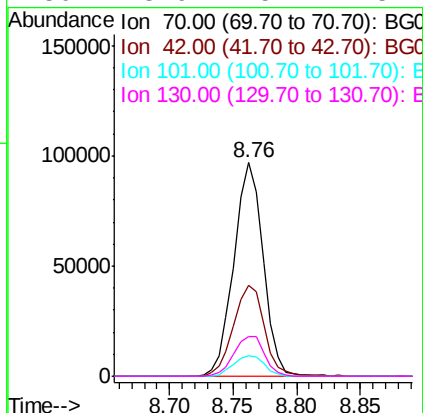
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	71.3	106.9	
201	118.0	87.5	131.3	





#19
n-Nitroso-di-n-propylamine
Concen: 48.233 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

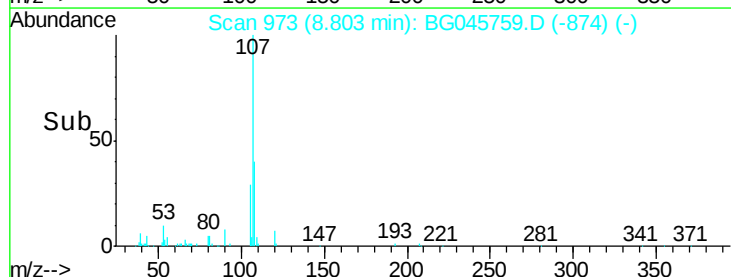
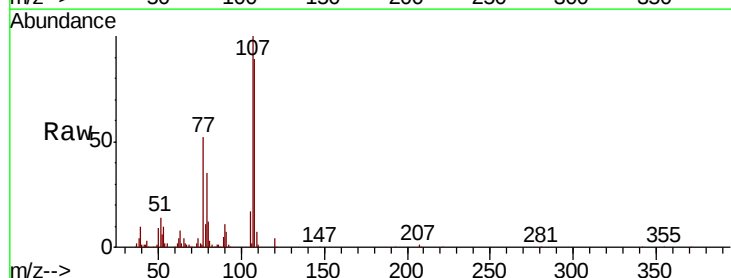
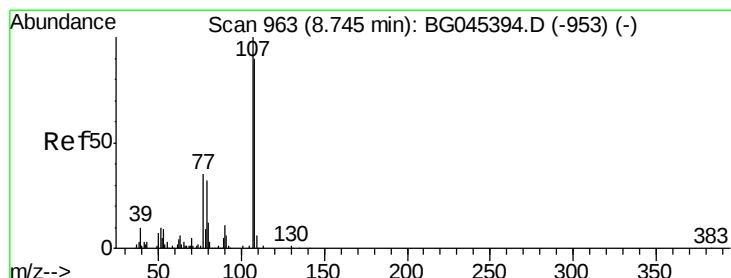
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.4	33.2	49.8
101	9.8	7.8	11.6
130	18.9	15.4	23.2



Instrument :
BNA_G
ClientSampled :
15-SPMS

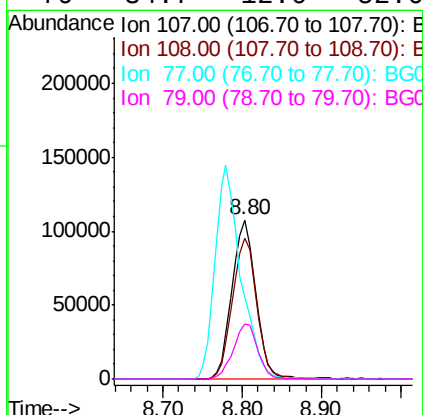
Manual Integrations
APPROVED

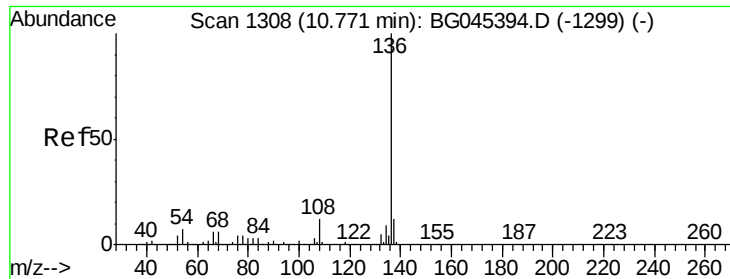
mohammad
6/16/2020 11:05:02 AM



#20
3+4-Methylphenols
Concen: 46.433 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.05 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.3	110.3
77	51.6	15.4	55.4
79	34.7	12.6	52.6





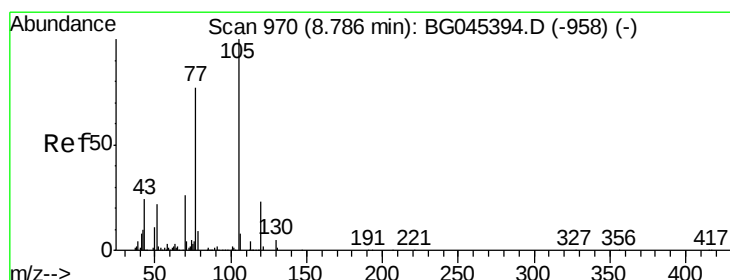
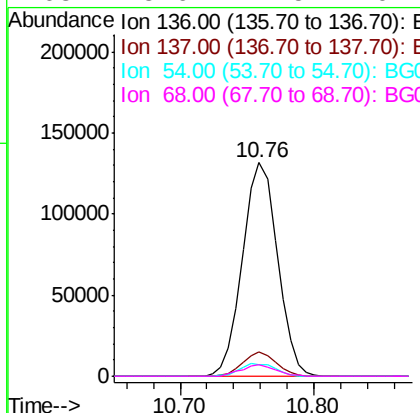
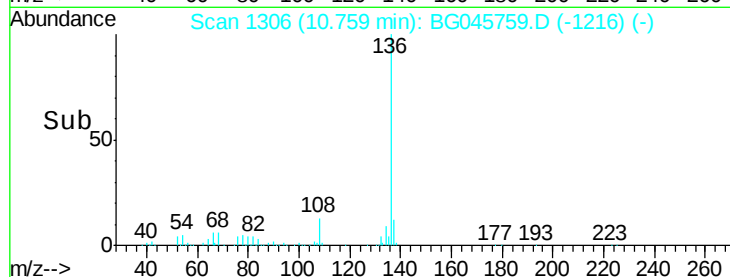
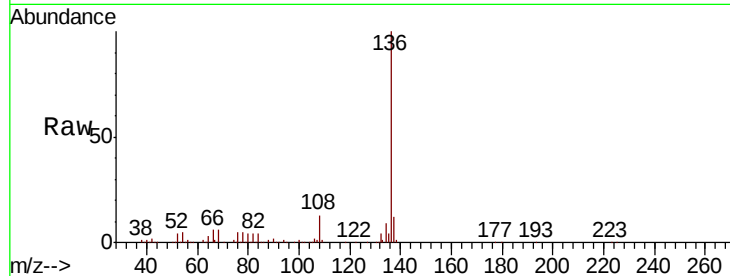
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.6	9.4	14.2
54	5.3	5.8	8.6#
68	5.6	4.5	6.7

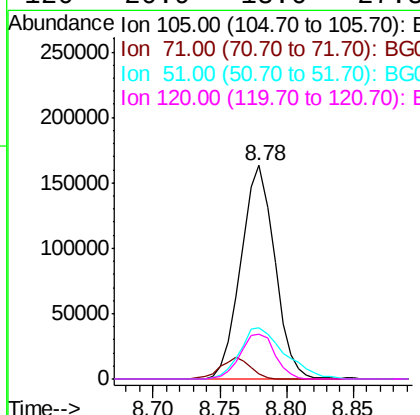
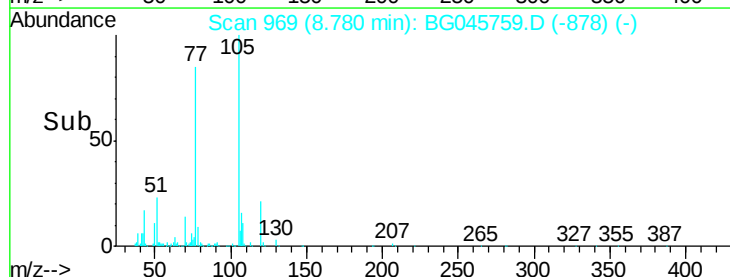
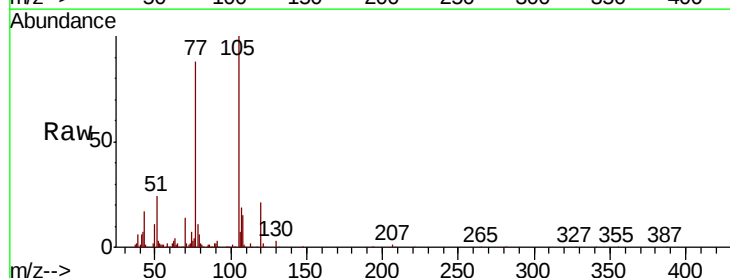
Manual Integrations
APPROVED

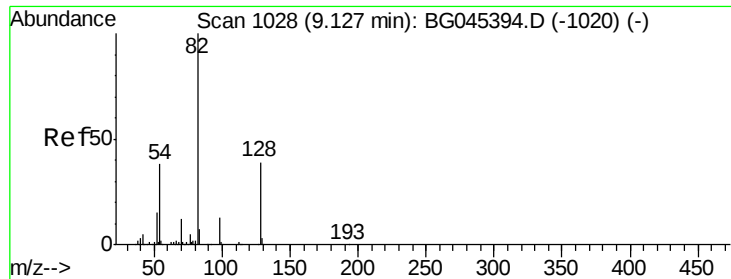
mohammad
6/16/2020 11:05:02 AM



#22
Acetophenone
Concen: 50.531 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.4	3.4	5.0#
51	24.1	18.2	27.2
120	20.9	18.6	27.8





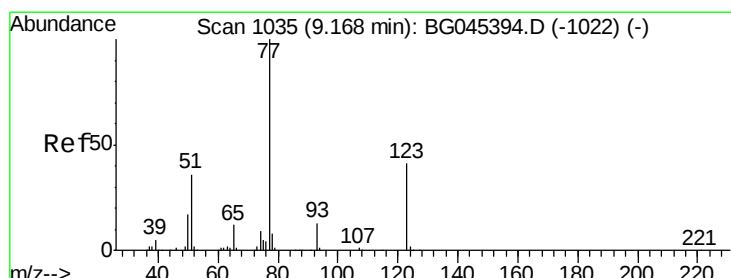
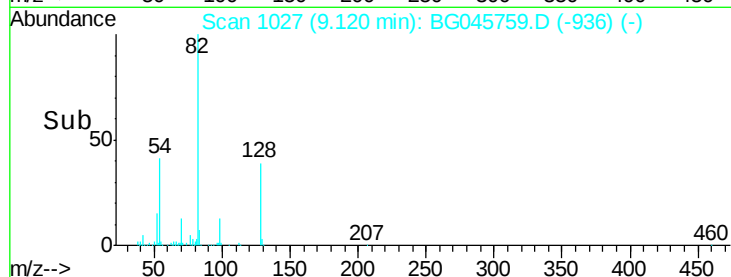
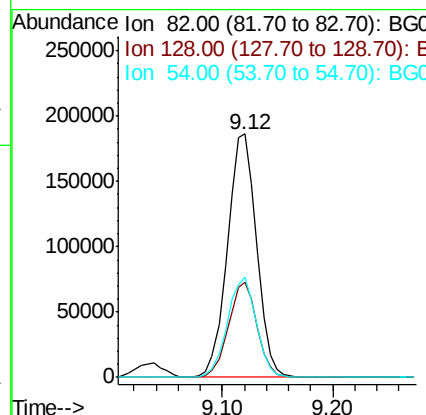
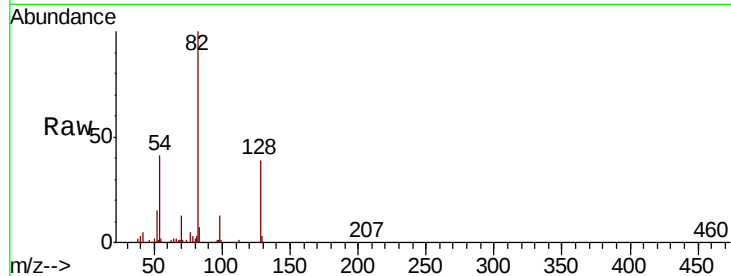
#23
Nitrobenzene-d5
Concen: 78.020 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampled :
15-SPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	342707		
128	39.1	30.9	46.3	
54	41.0	30.3	45.5	

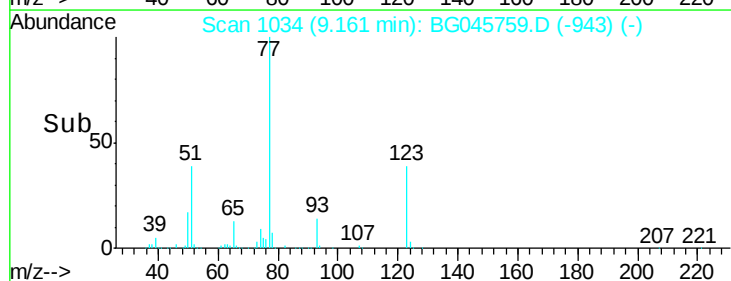
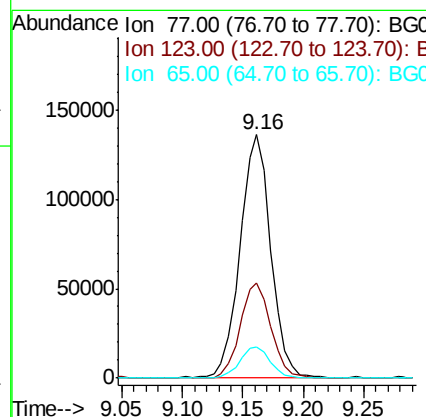
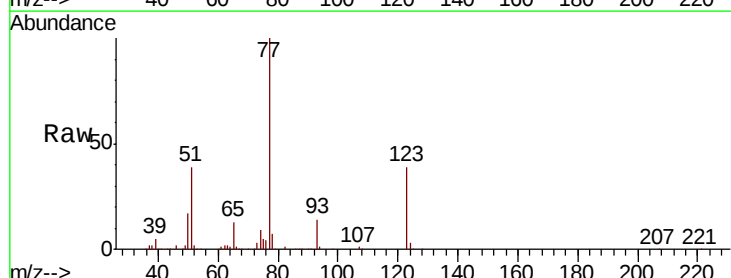
Manual Integrations
APPROVED

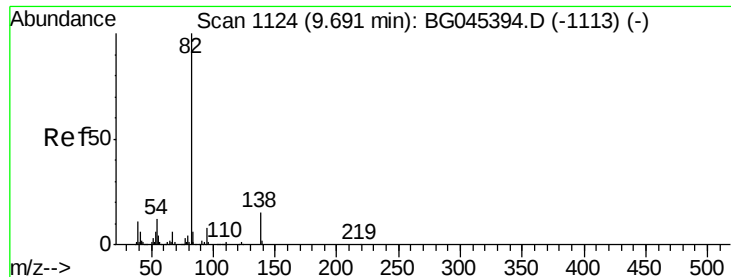
mohammad
6/16/2020 11:05:02 AM



#24
Nitrobenzene
Concen: 50.663 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	238428		
123	39.3	32.9	49.3	
65	13.0	9.4	14.2	





#25

Isophorone

Concen: 48.195 ng

RT: 9.68 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

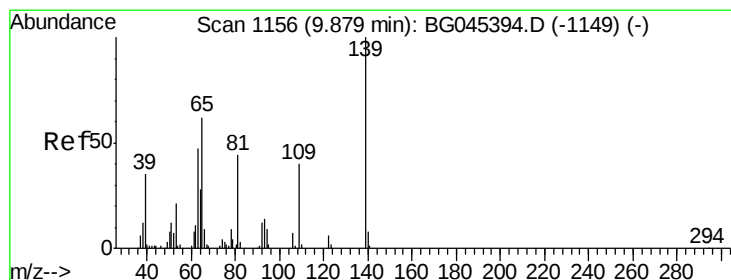
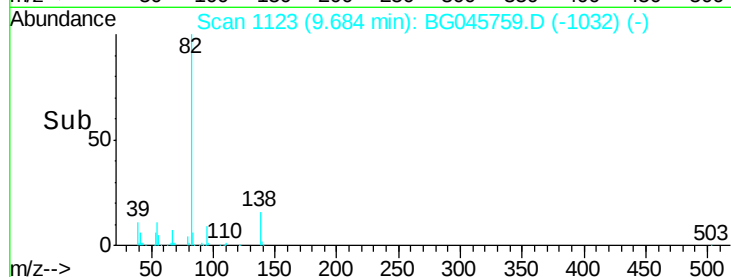
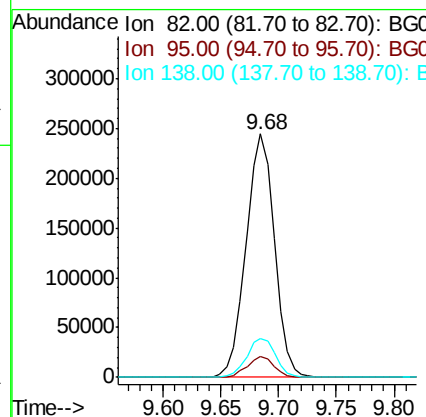
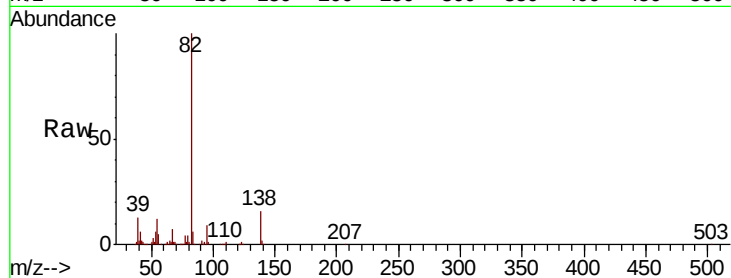
ClientSampled :

15-SPMS

Tot Ion:	82	Resp:	416917
Ion Ratio		Lower	Upper
82	100		
95	8.5	6.7	10.1
138	15.7	12.2	18.4

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#26

2-Nitrophenol

Concen: 53.128 ng

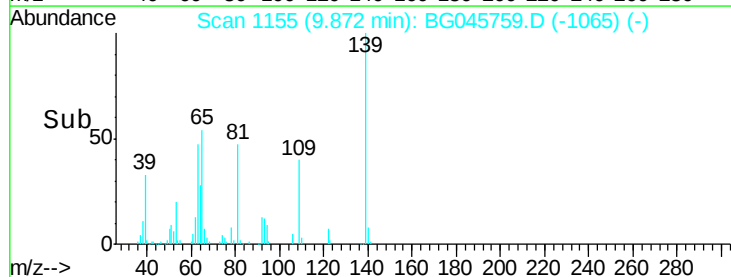
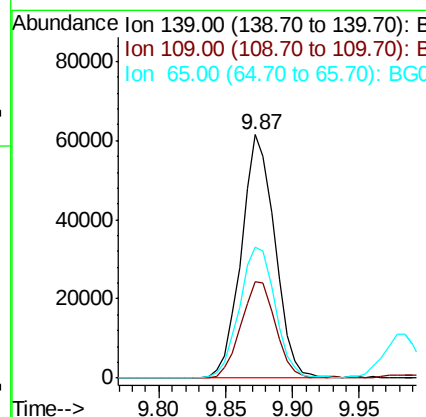
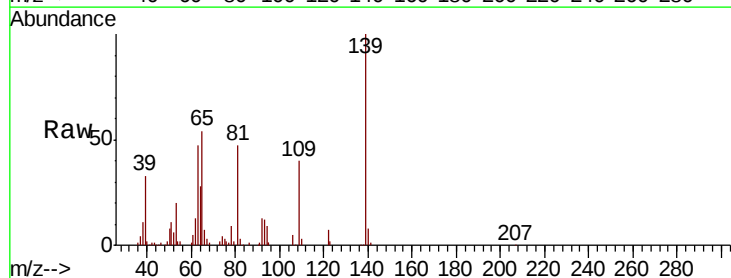
RT: 9.87 min Scan# 1155

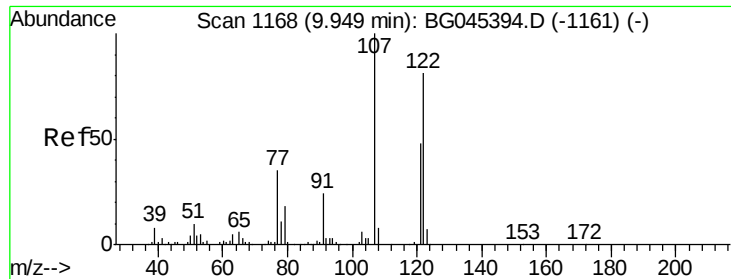
Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion:	139	Resp:	106957
Ion Ratio		Lower	Upper
139	100		
109	39.6	32.2	48.4
65	53.6	49.6	74.4





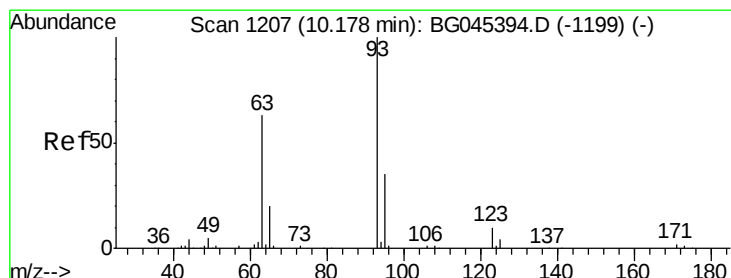
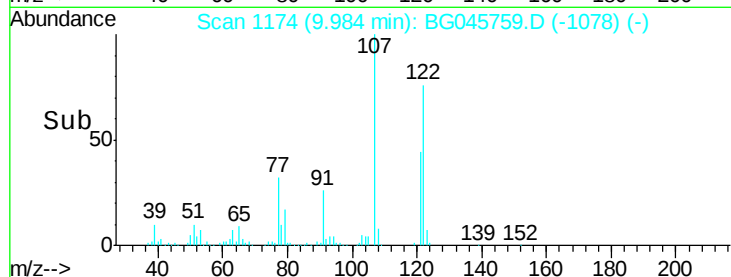
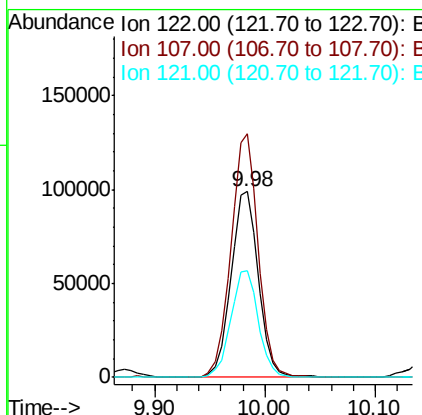
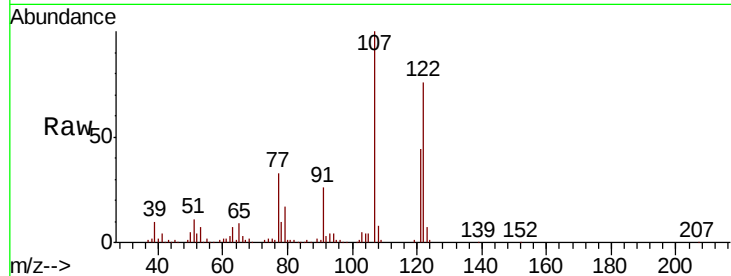
#27
2,4-Dimethylphenol
Concen: 57.845 ng
RT: 9.98 min Scan# 1174
Delta R.T. 0.04 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.0	99.0	148.4
121	57.5	47.7	71.5

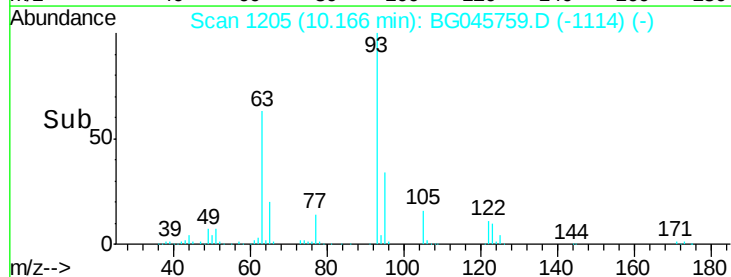
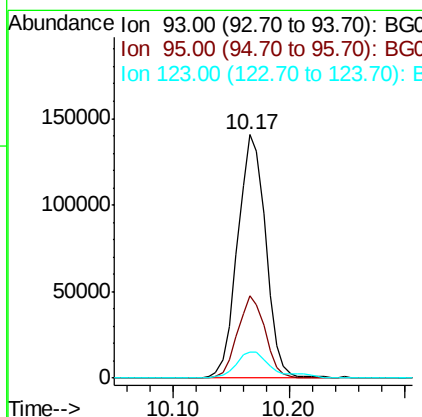
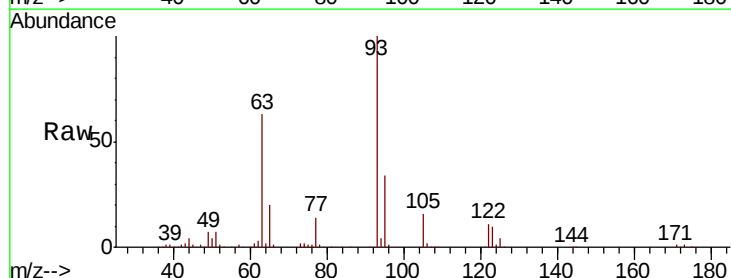
Manual Integrations
APPROVED

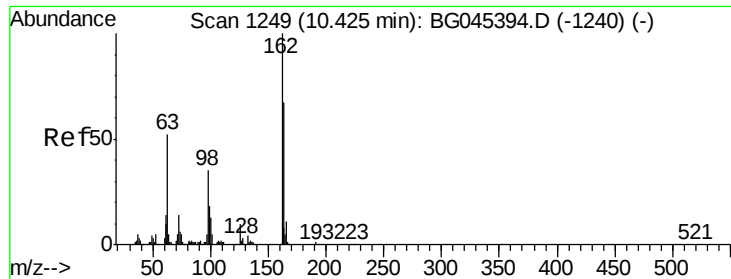
mohammad
6/16/2020 11:05:02 AM



#28
bis(2-Chloroethoxy)methane
Concen: 52.482 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.6	41.4
123	10.5	8.1	12.1





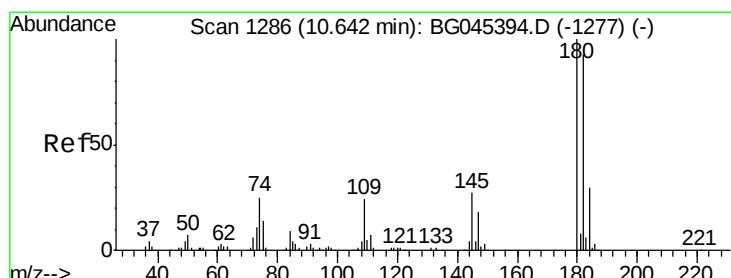
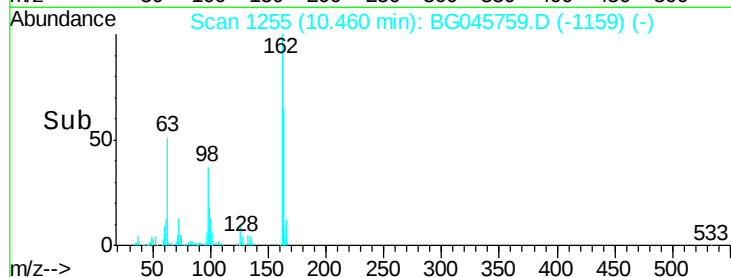
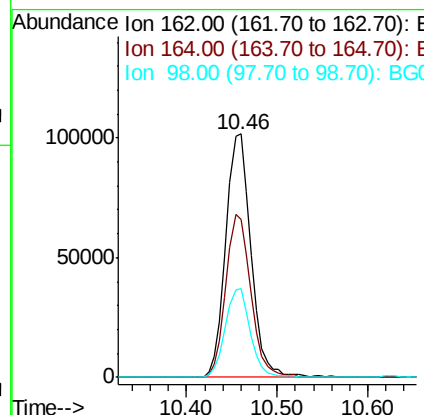
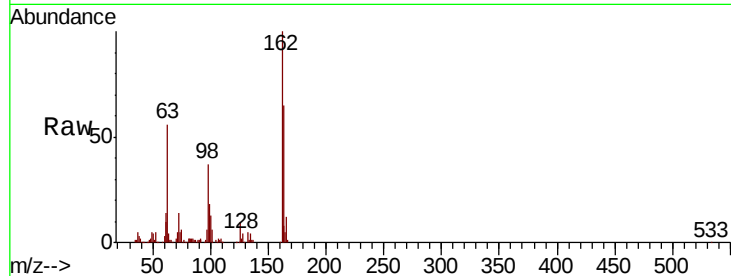
#29
2,4-Dichlorophenol
Concen: 55.922 ng
RT: 10.46 min Scan# 1255
Delta R.T. 0.04 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampled :
15-SPMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.8	86.8
98	36.7	15.2	55.2

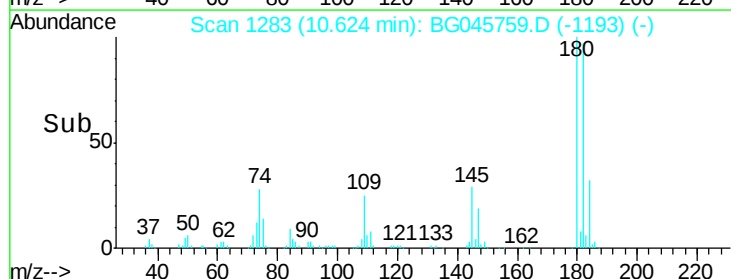
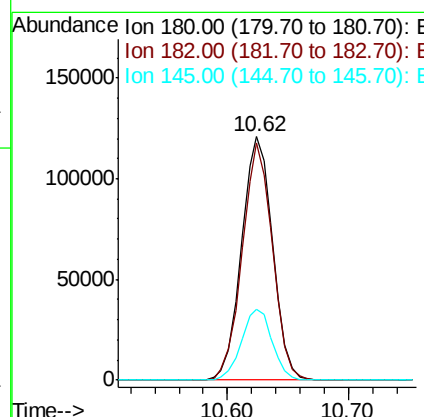
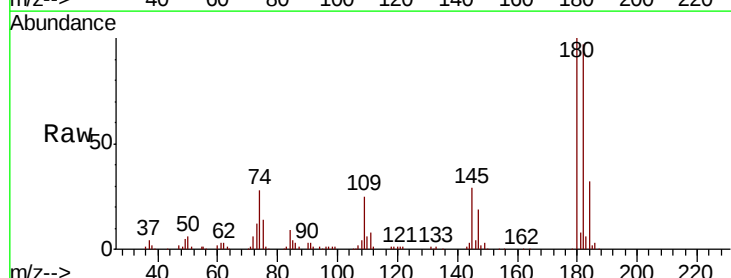
Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#30
1,2,4-Trichlorobenzene
Concen: 52.007 ng
RT: 10.62 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	74.8	112.2
145	29.3	21.9	32.9





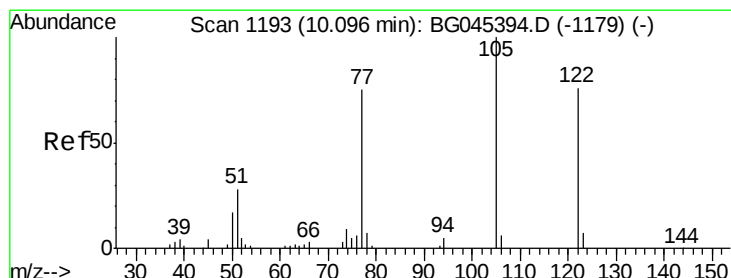
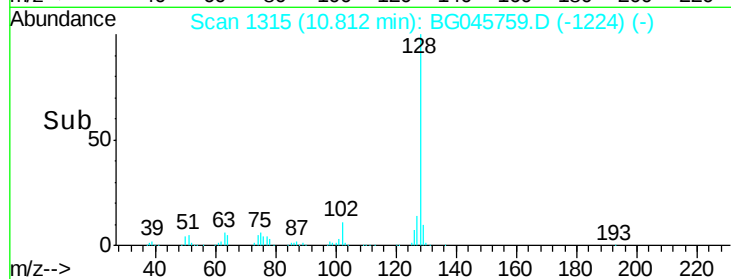
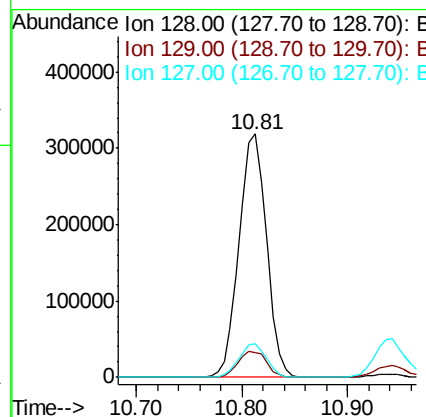
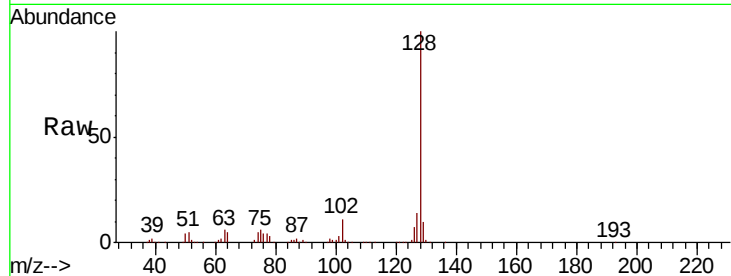
#31
Naphthalene
Concen: 51.343 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	14.0	10.7	16.1

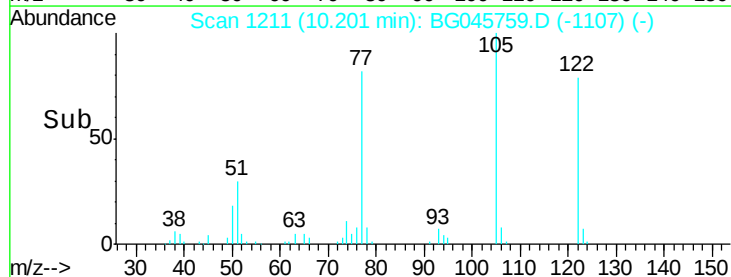
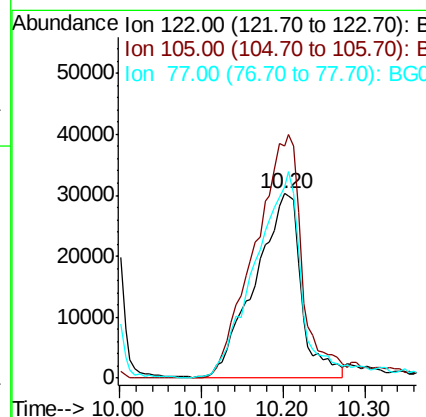
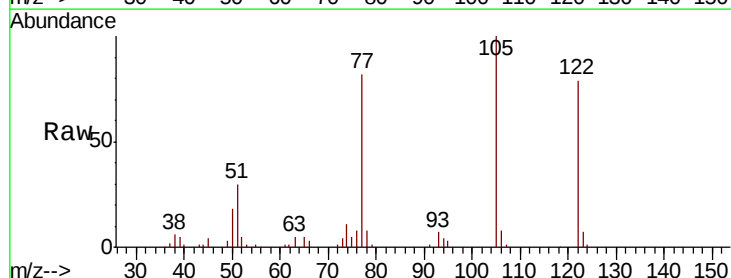
Manual Integrations
APPROVED

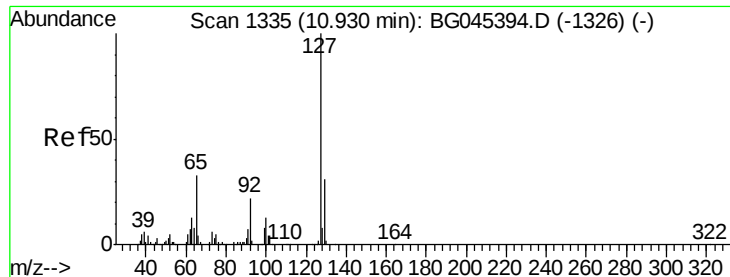
mohammad
6/16/2020 11:05:02 AM



#32
Benzoic acid
Concen: 56.588 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.08 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.0	107.9	147.9
77	103.4	78.9	118.9





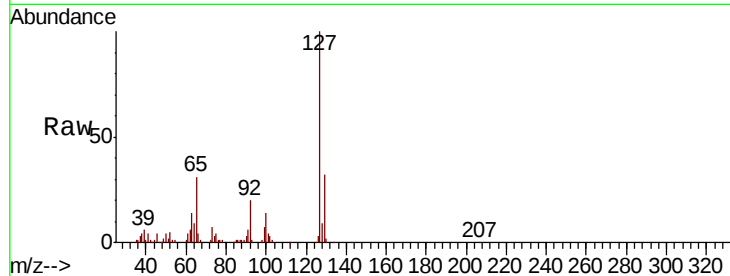
#33
4-Chloroaniline
Concen: 22.774 ng
RT: 10.94 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	24.7	37.1
65	31.5	26.2	39.2
92	19.5	17.9	26.9

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



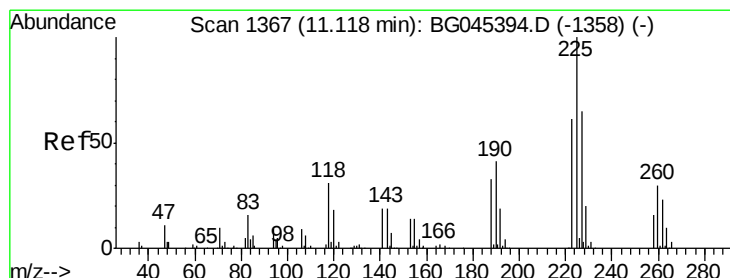
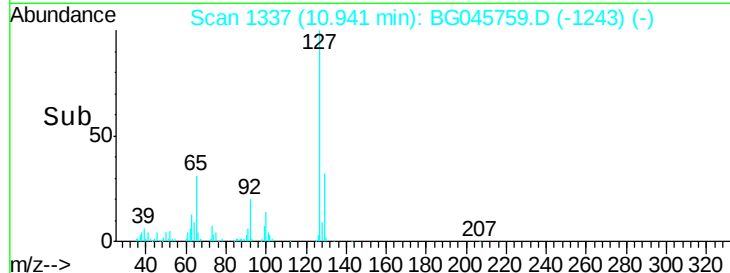
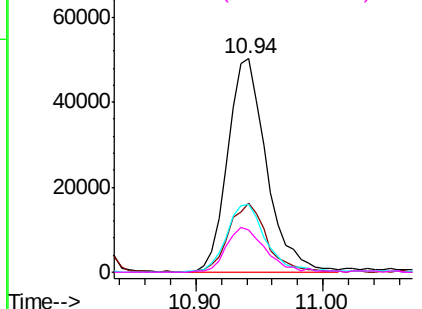
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

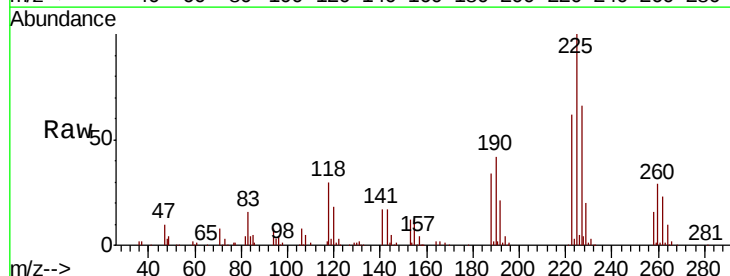
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 50.209 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.6	49.1	73.7
227	65.5	52.0	78.0

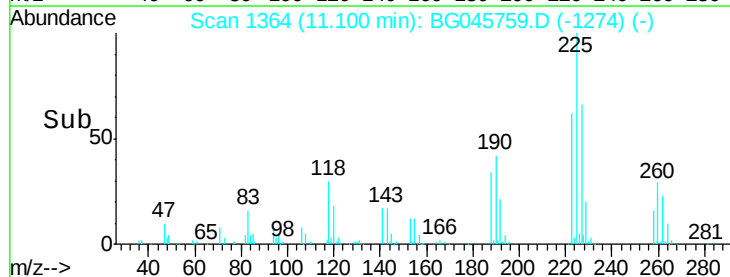
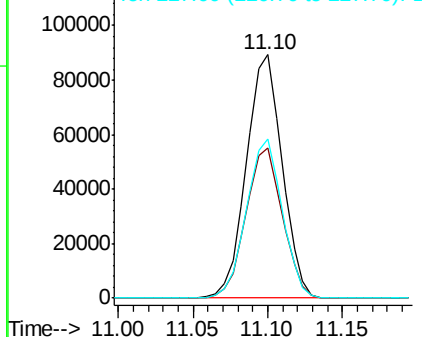


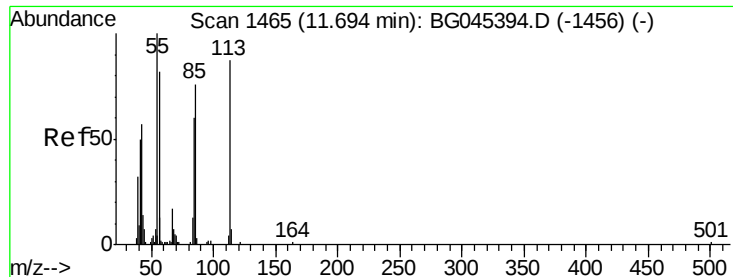
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.293 ng/ml

RT: 11.72 min Scan# 1469

Delta R.T. 0.03 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

ClientSampleId :

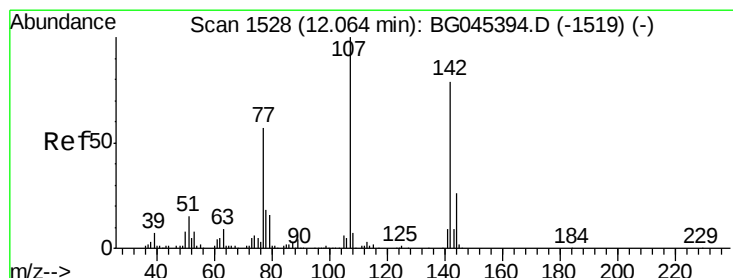
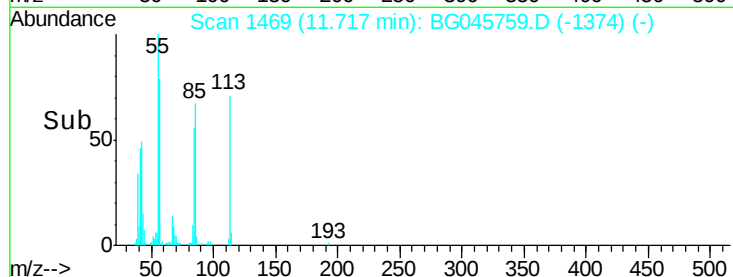
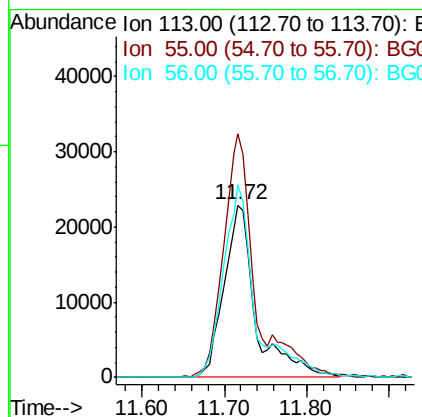
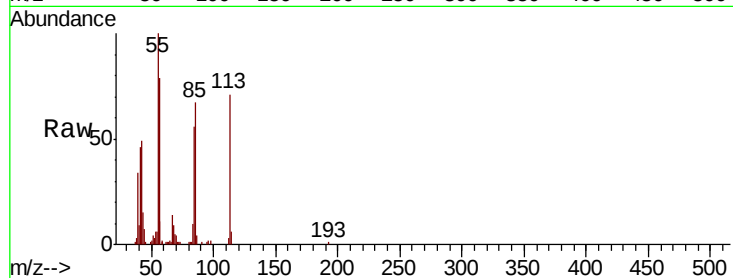
15-SPMS

Tot Ion:113 Resp: 61208

Ion	Ratio	Lower	Upper
113	100		
55	141.3	96.0	136.0#
56	111.5	75.1	115.1

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#36

4-Chloro-3-methylphenol

Concen: 56.944 ng/ml

RT: 12.12 min Scan# 1538

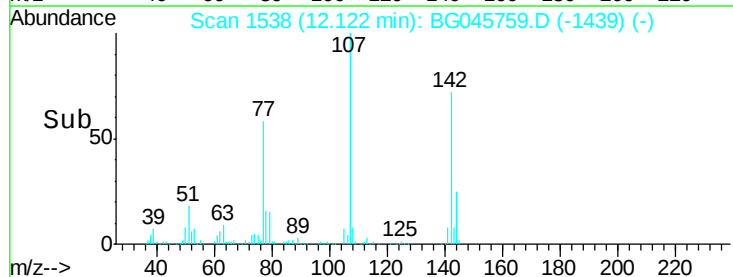
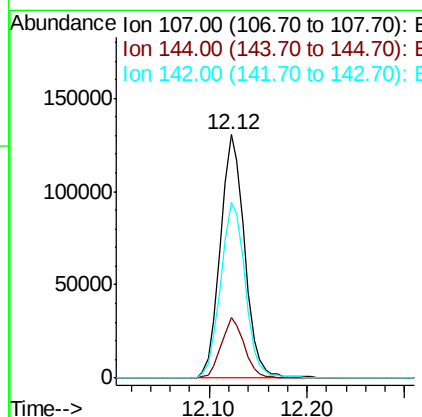
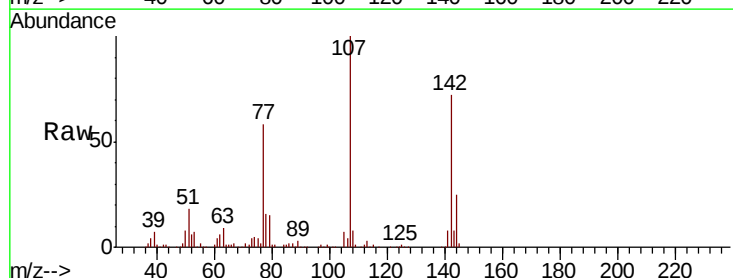
Delta R.T. 0.05 min

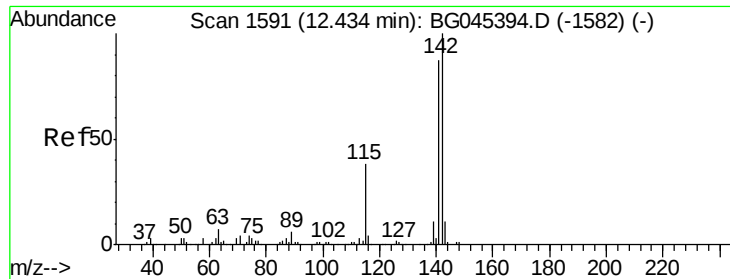
Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion:107 Resp: 226253

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.8	31.2
142	72.0	62.8	94.2





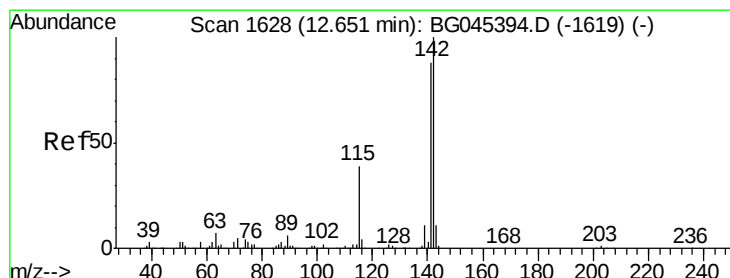
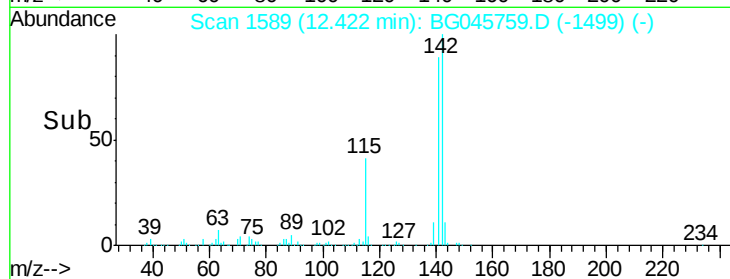
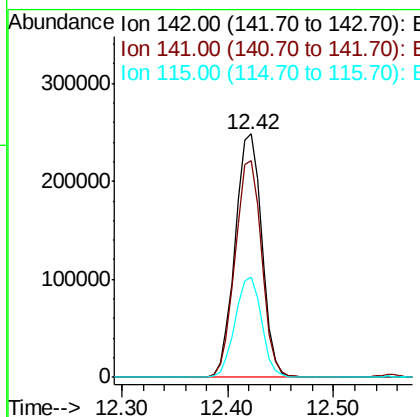
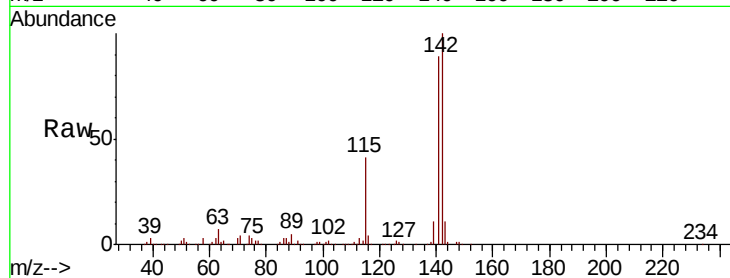
#37
 2-Methylnaphthalene
 Concen: 52.019 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BG045759.D
 Acq: 13 Jun 2020 5:18

Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.0	105.0
115	40.9	30.8	46.2

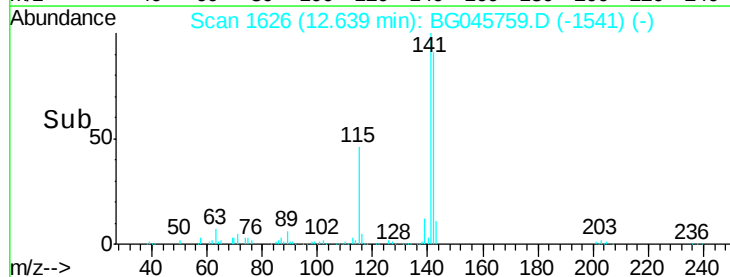
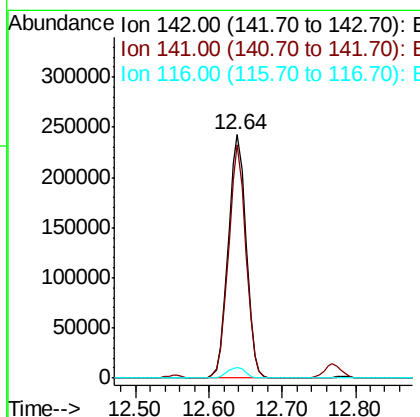
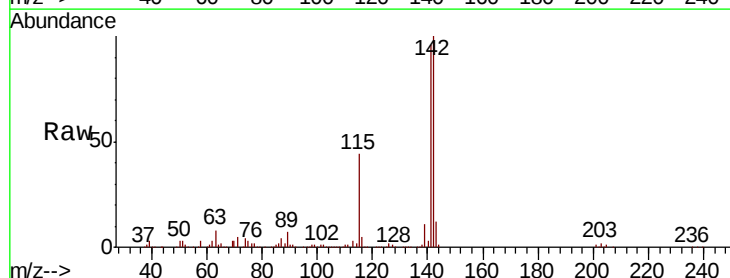
Manual Integrations
 APPROVED

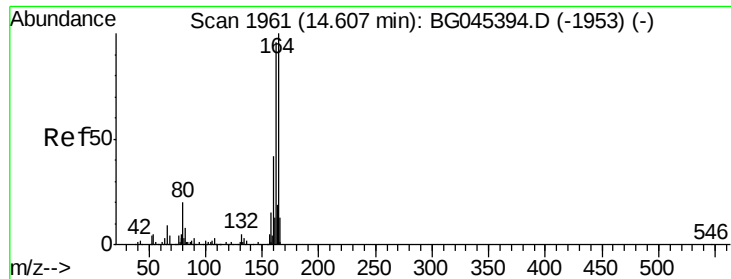
mohammad
 6/16/2020 11:05:02 AM



#38
 1-Methylnaphthalene
 Concen: 52.526 ng m
 RT: 12.64 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BG045759.D
 Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	70.8	106.2
116	4.6	3.0	4.6#





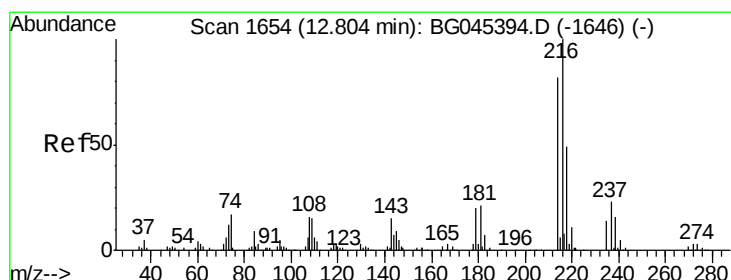
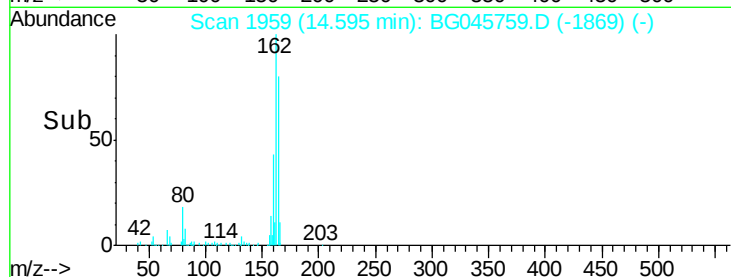
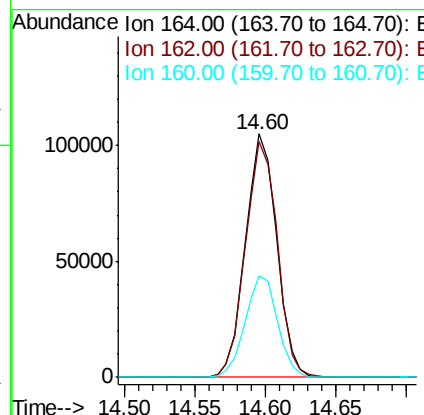
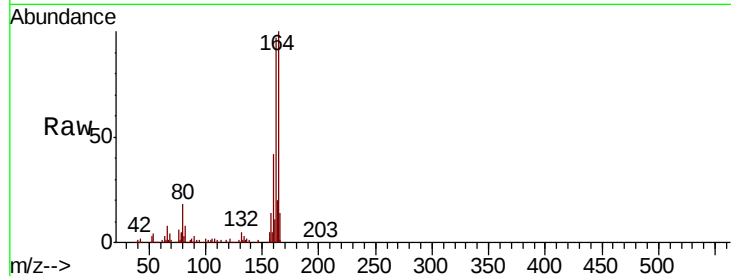
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampled :
15-SPMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.0	76.9	115.3
160	41.9	33.8	50.8

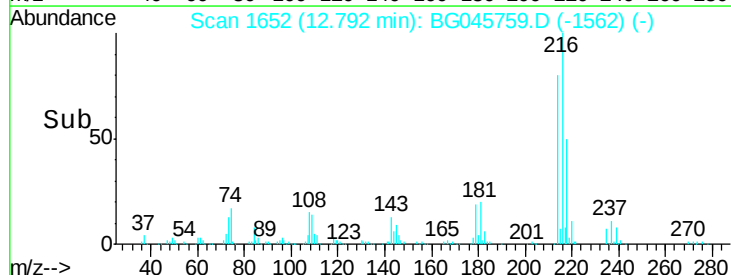
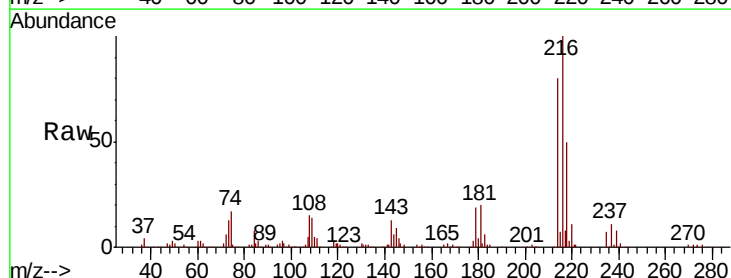
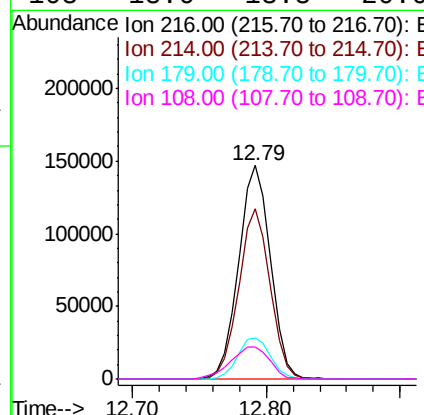
Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.046 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.7	95.5
179	19.7	16.1	24.1
108	18.6	13.8	20.6





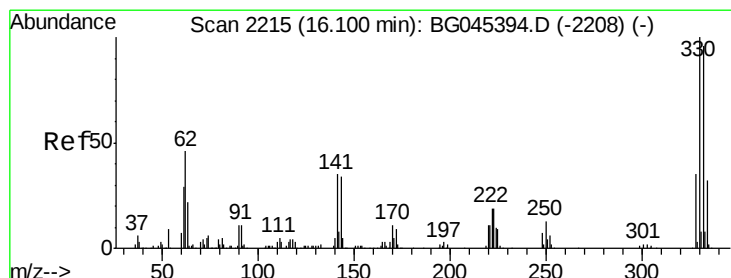
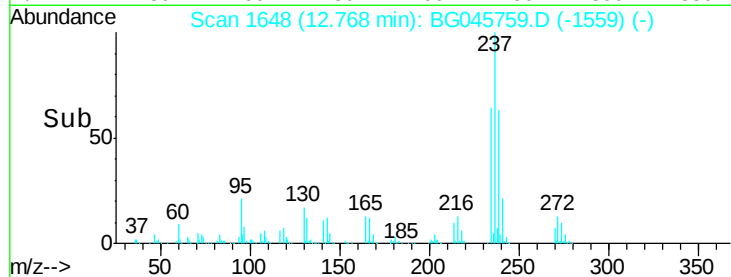
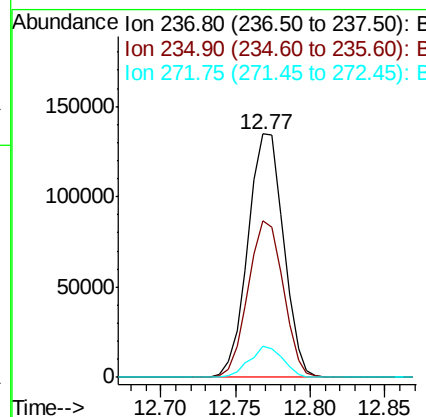
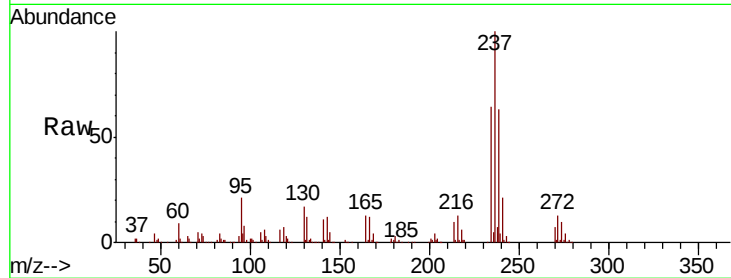
#41
Hexachlorocyclopentadiene
Concen: 84.200 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.5	44.4	84.4
272	12.7	0.0	32.5

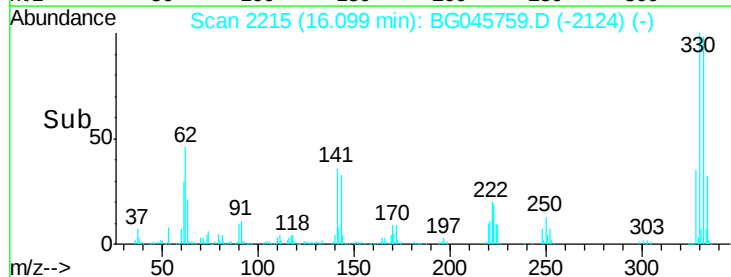
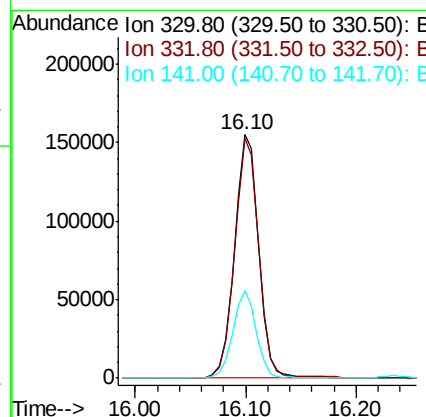
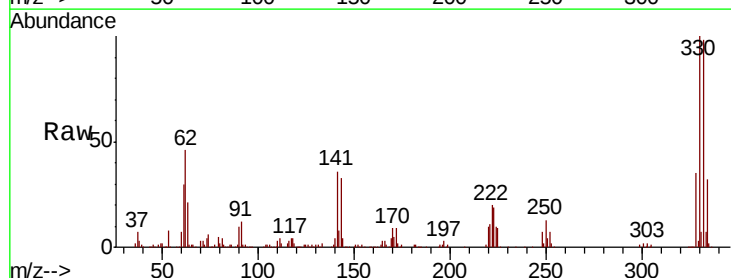
Manual Integrations
APPROVED

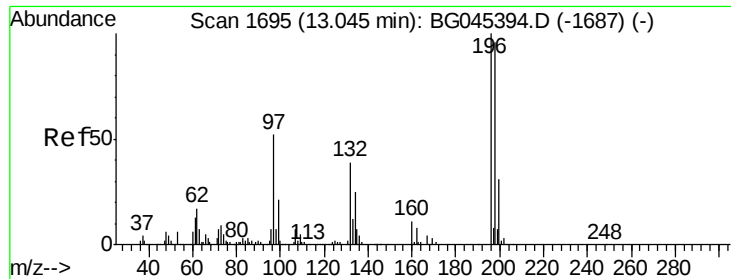
mohammad
6/16/2020 11:05:02 AM



#42
2,4,6-Tribromophenol
Concen: 112.969 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	99.7	78.2	117.4
141	34.7	28.2	42.4





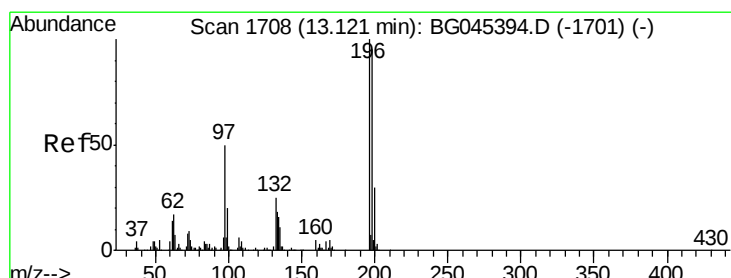
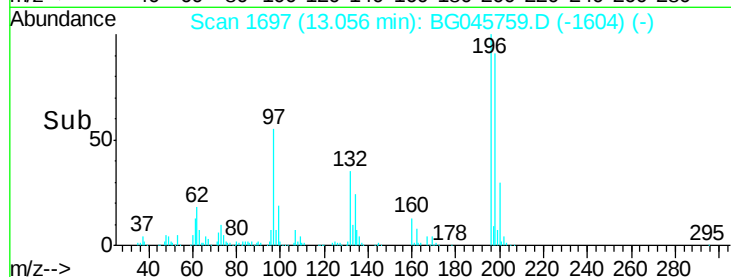
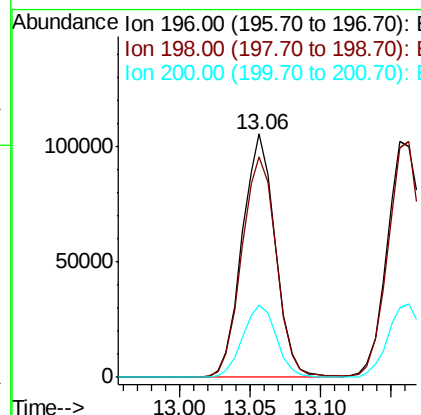
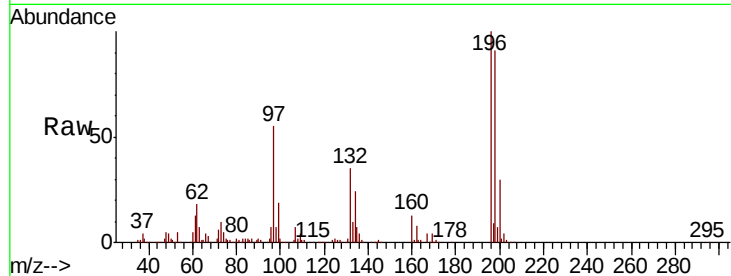
#43
 2,4,6-Trichlorophenol
 Concen: 54.614 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.02 min
 Lab File: BG045759.D
 Acq: 13 Jun 2020 5:18

Instrument :
 BNA_G
 ClientSampled :
 15-SPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	173347		
198	90.7	76.7	115.1	
200	29.5	24.9	37.3	

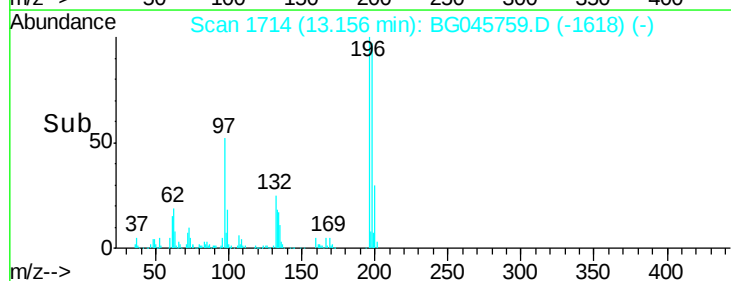
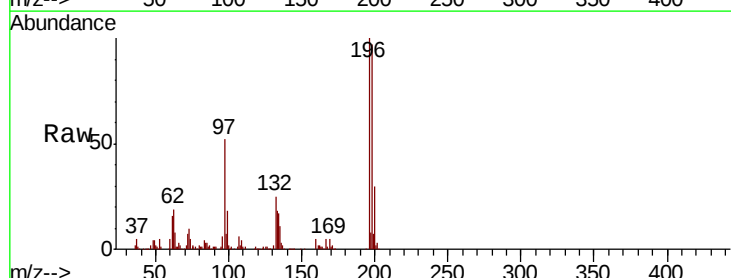
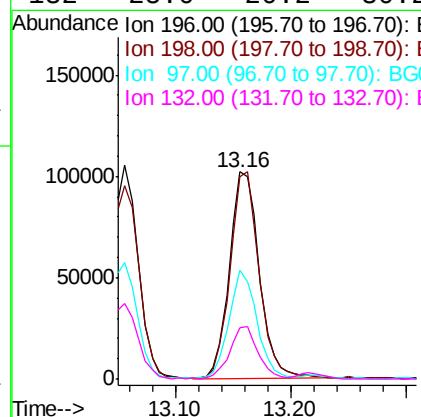
Manual Integrations
 APPROVED

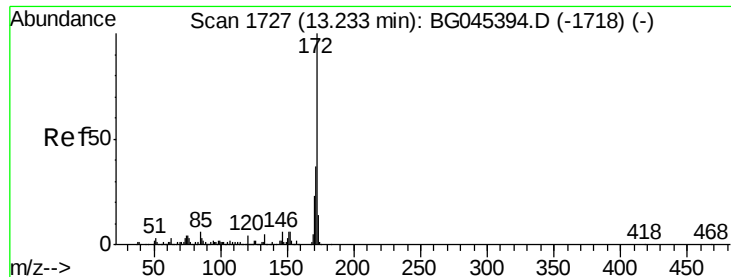
mohammad
 6/16/2020 11:05:02 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.543 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.04 min
 Lab File: BG045759.D
 Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183325		
198	97.4	76.1	114.1	
97	52.4	40.0	60.0	
132	25.0	20.2	30.2	





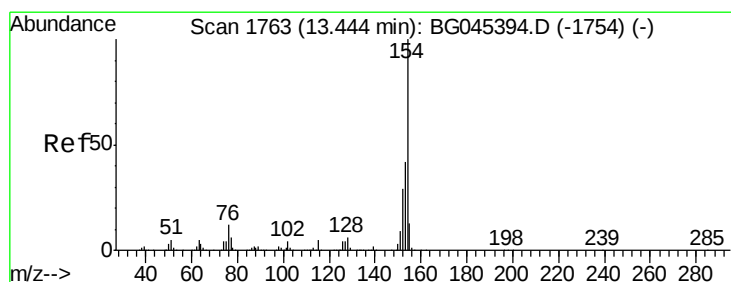
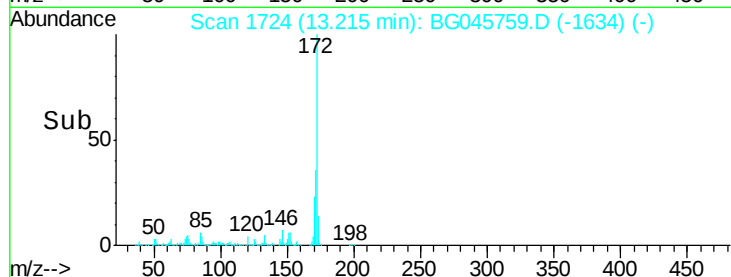
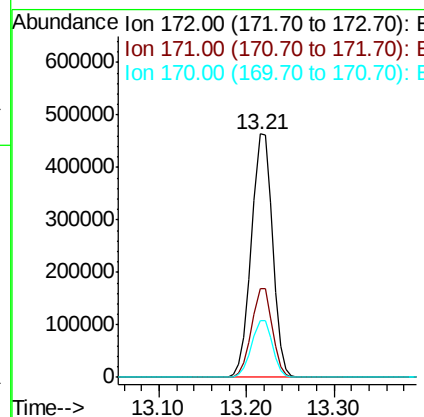
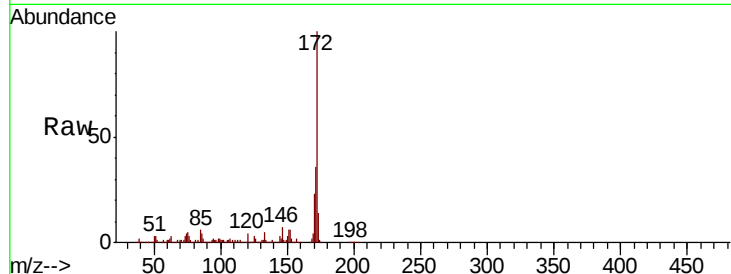
#45
2-Fluorobiphenyl
Concen: 78.171 ng
RT: 13.21 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.5	44.3
170	23.2	18.5	27.7

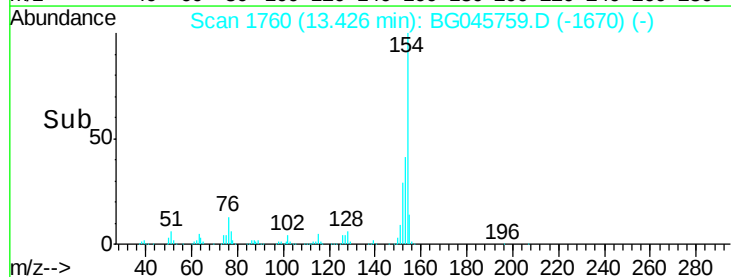
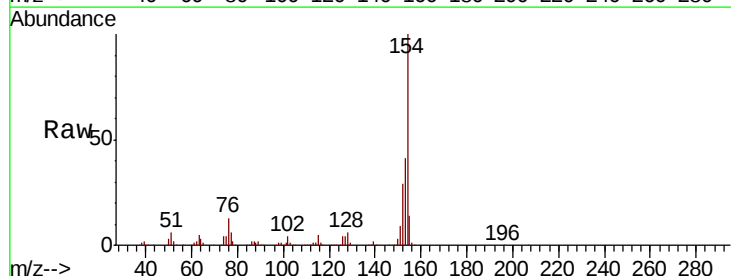
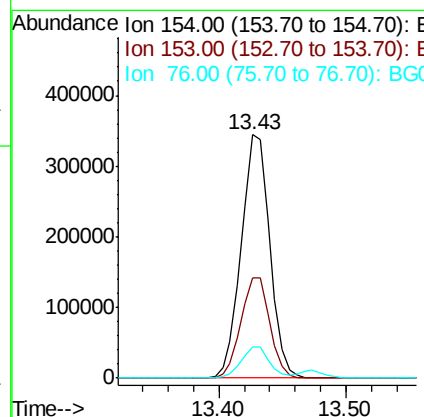
Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#46
1,1'-Biphenyl
Concen: 53.366 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.2	62.2
76	12.8	0.0	32.4





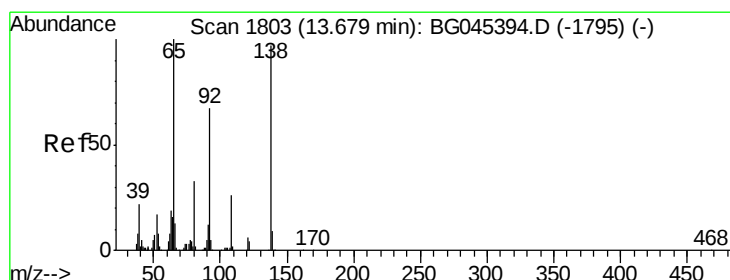
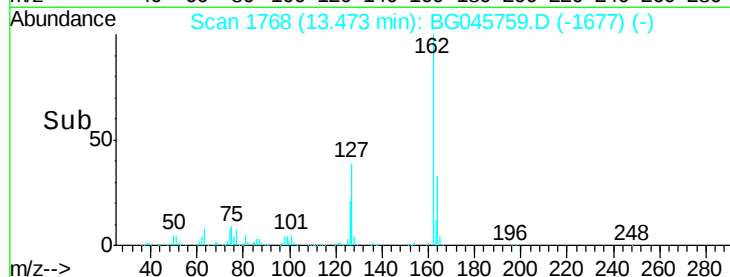
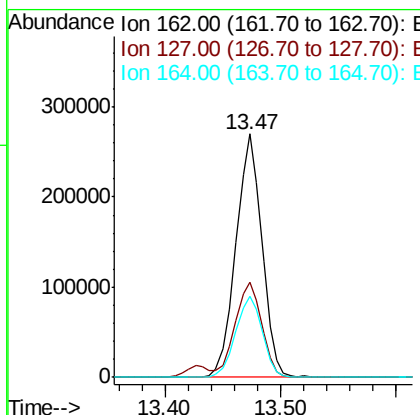
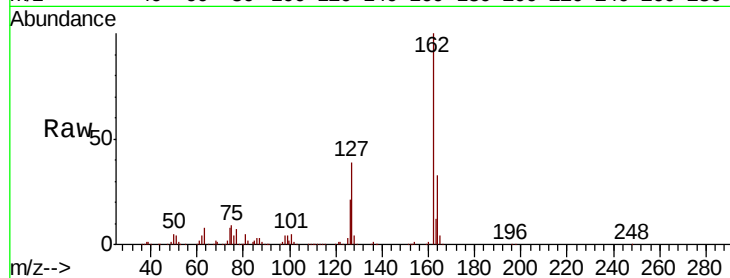
#47
2-Chloronaphthalene
Concen: 51.671 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.6	47.4
164	33.4	28.1	42.1

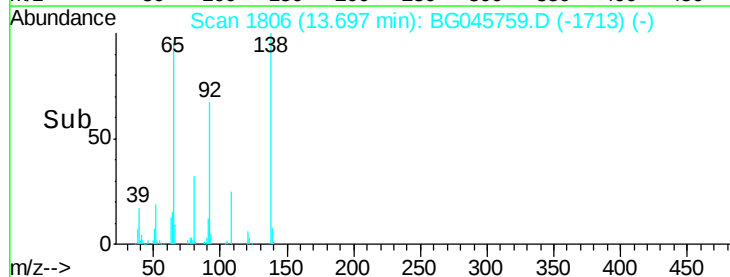
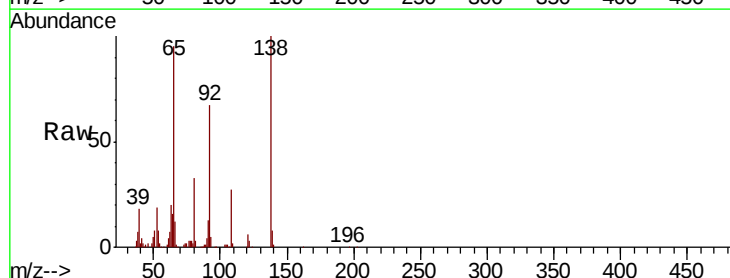
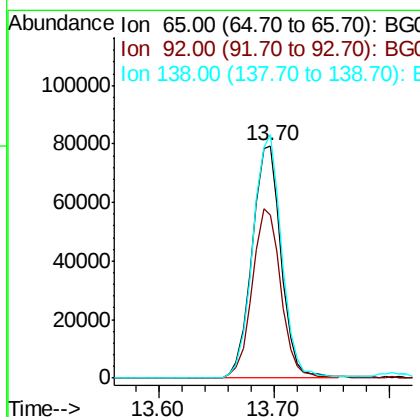
Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#48
2-Nitroaniline
Concen: 51.989 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.02 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	53.8	80.8
138	104.9	77.9	116.9





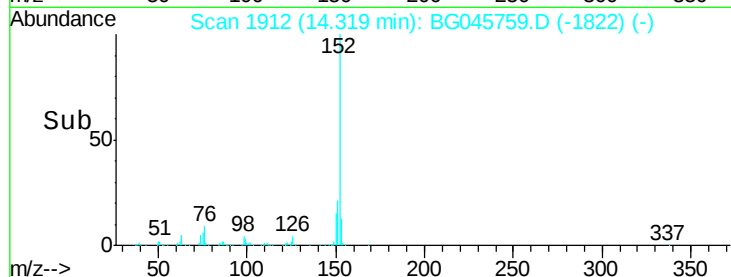
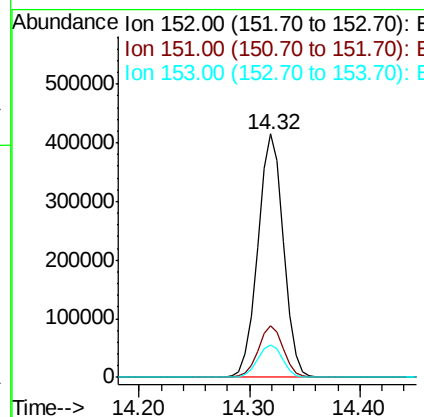
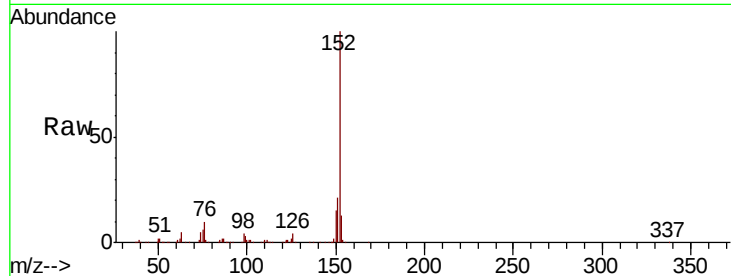
#49
Acenaphthylene
Concen: 51.397 ng
RT: 14.32 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampled :
15-SPMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.4	26.2
153	13.3	10.7	16.1

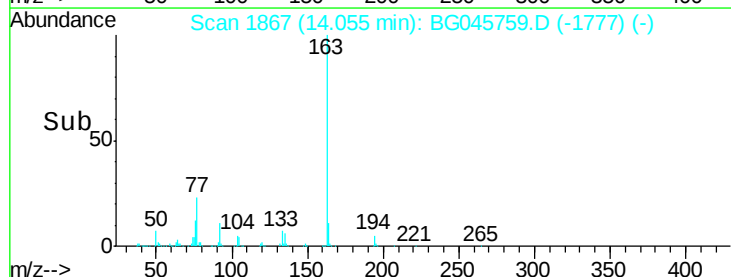
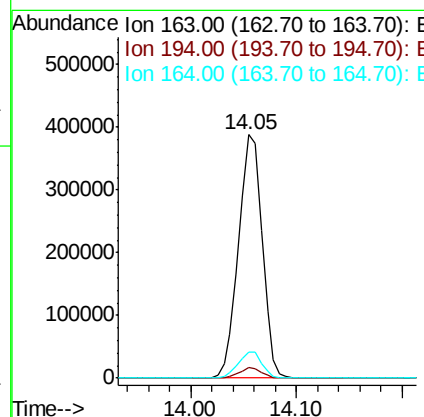
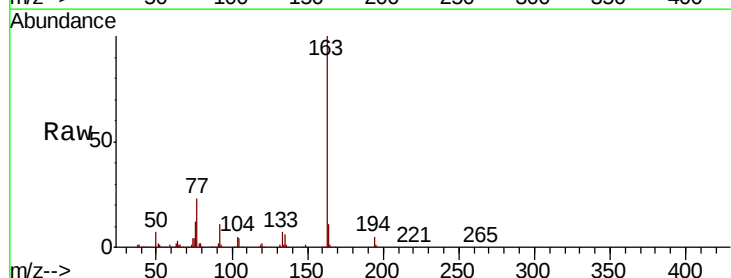
Manual Integrations
APPROVED

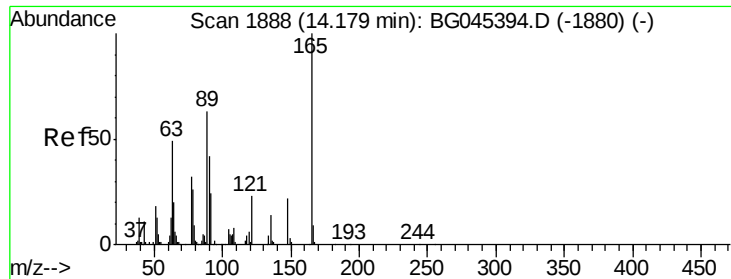
mohammad
6/16/2020 11:05:02 AM



#50
Dimethylphthalate
Concen: 53.567 ng
RT: 14.05 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	10.9	8.3	12.5





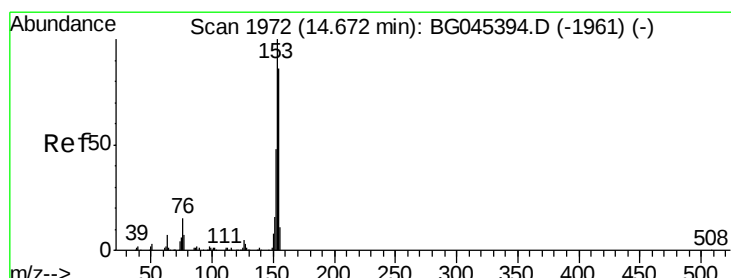
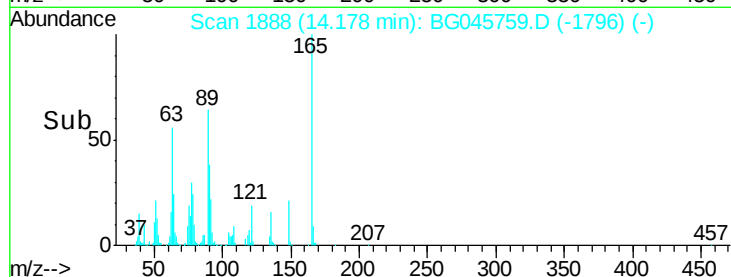
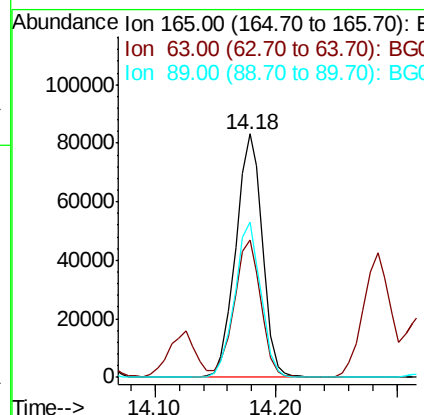
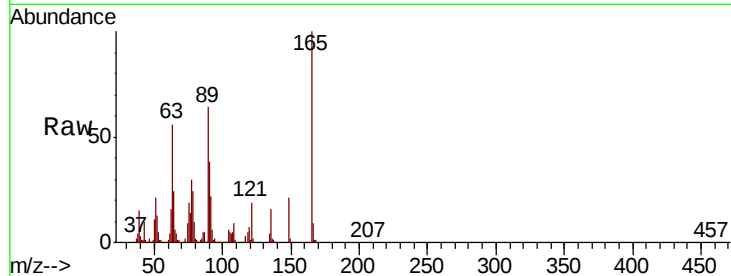
#51
 2,6-Dinitrotoluene
 Concen: 50.351 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.01 min
 Lab File: BG045759.D
 Acq: 13 Jun 2020 5:18

Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

Tot Ion:	165	Resp:	127499
Ion Ratio	Lower	Upper	
165	100		
63	56.5	45.0	67.4
89	63.8	50.2	75.4

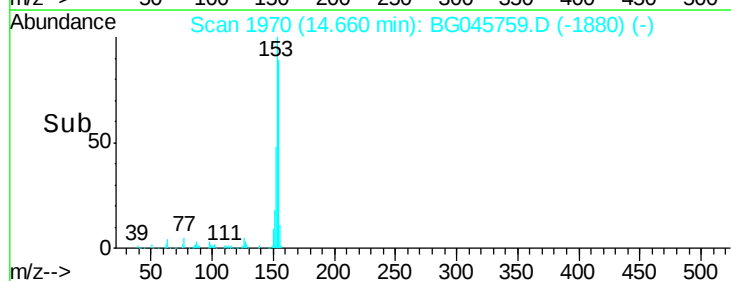
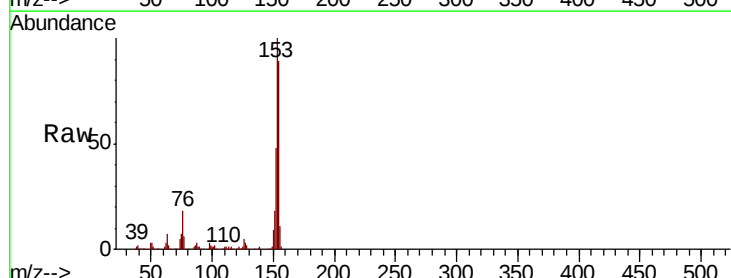
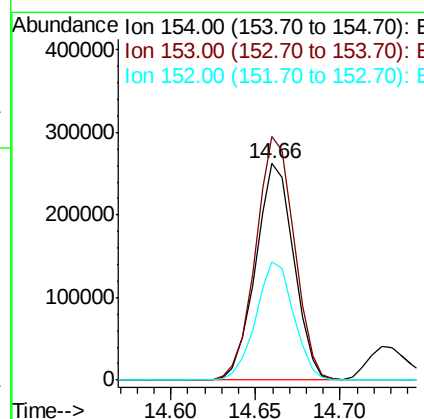
Manual Integrations
 APPROVED

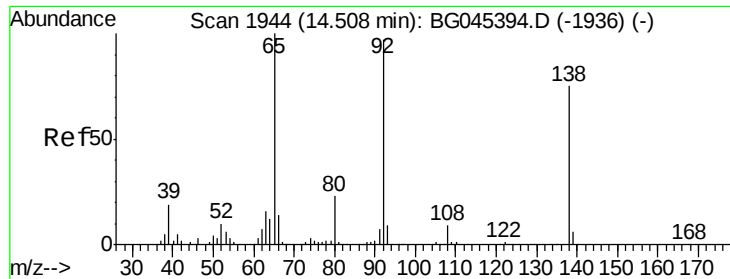
mohammad
 6/16/2020 11:05:02 AM



#52
 Acenaphthene
 Concen: 46.838 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG045759.D
 Acq: 13 Jun 2020 5:18

Tgt Ion:	154	Resp:	411049
Ion Ratio	Lower	Upper	
154	100		
153	112.5	92.8	139.2
152	54.5	44.6	66.8





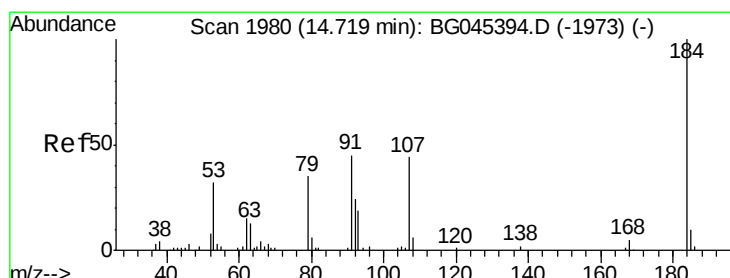
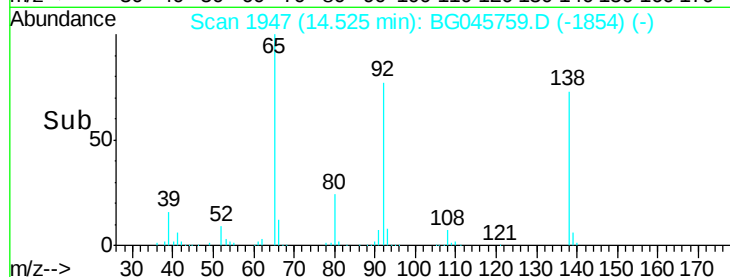
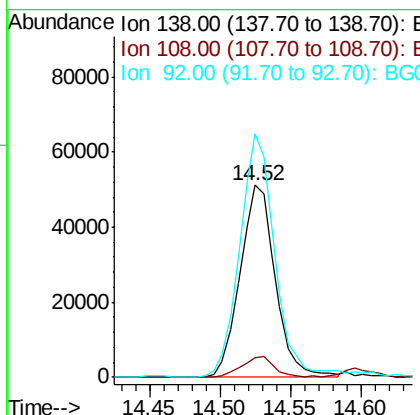
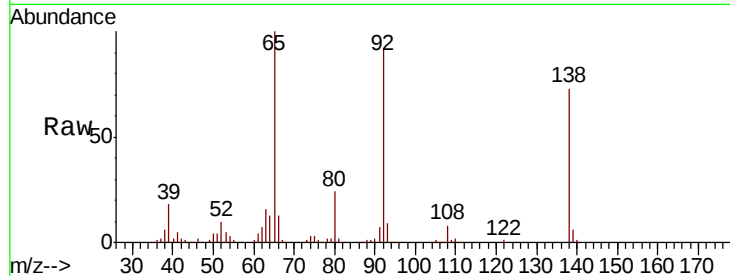
#53
3-Nitroaniline
Concen: 34.654 ng
RT: 14.52 min Scan# 1947
Delta R.T. 0.02 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.8	14.6
92	126.9	103.0	154.4

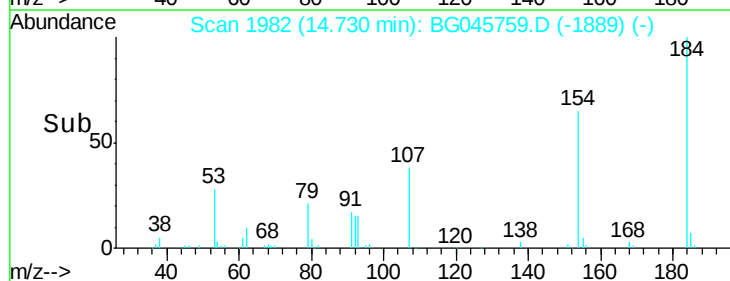
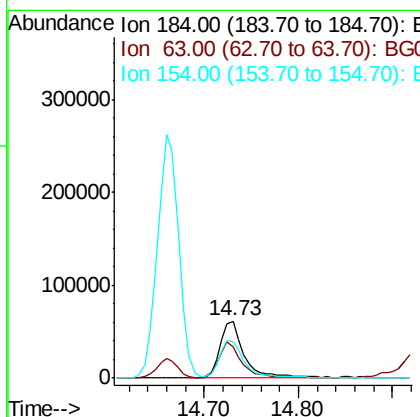
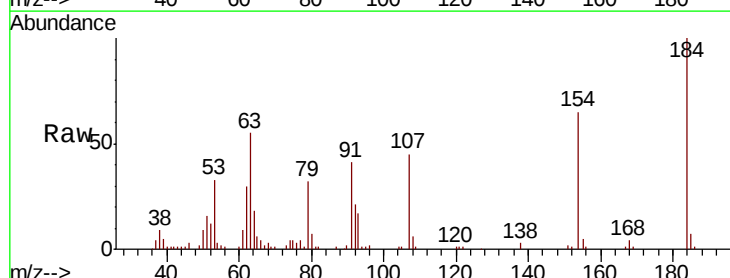
Manual Integrations
APPROVED

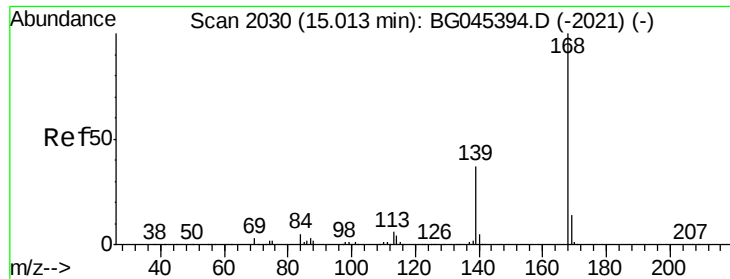
mohammad
6/16/2020 11:05:02 AM



#54
2,4-Dinitrophenol
Concen: 67.891 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.02 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.4	47.8	71.6
154	64.6	58.3	87.5





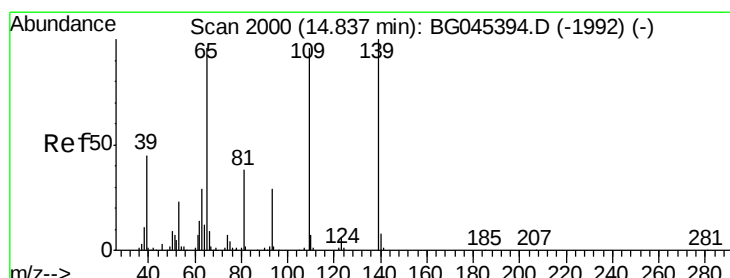
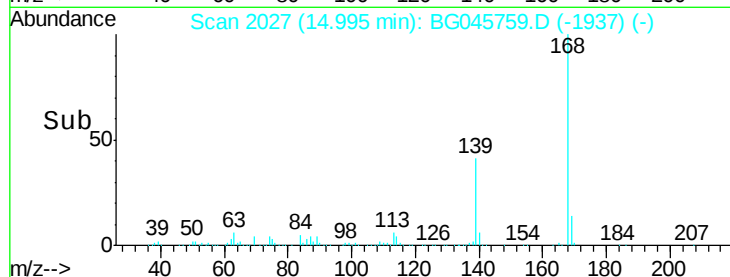
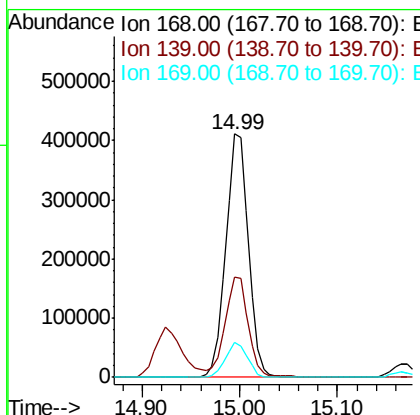
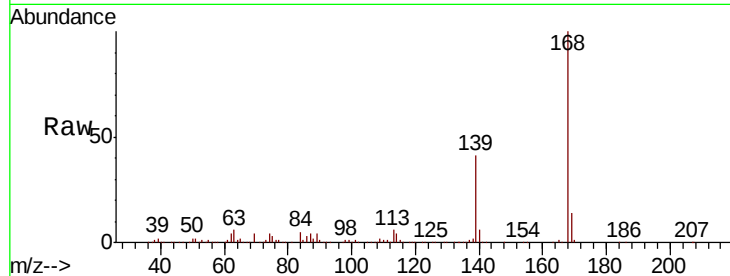
#55
Dibenzofuran
Concen: 50.390 ng
RT: 14.99 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampled :
15-SPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	29.9	44.9
169	14.1	10.9	16.3

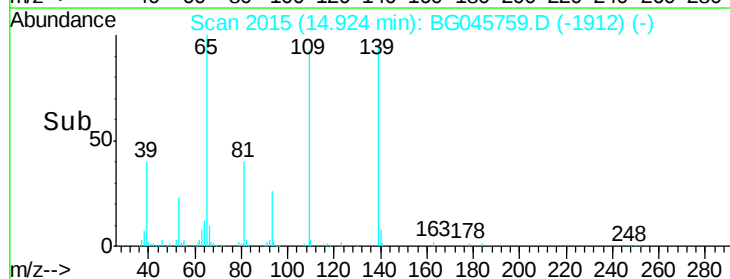
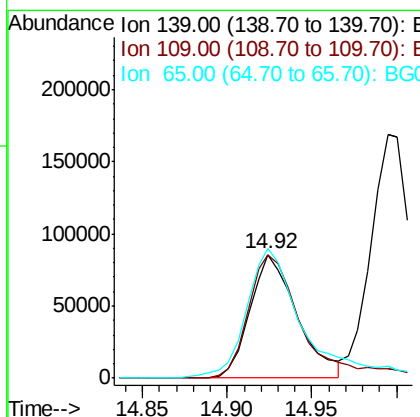
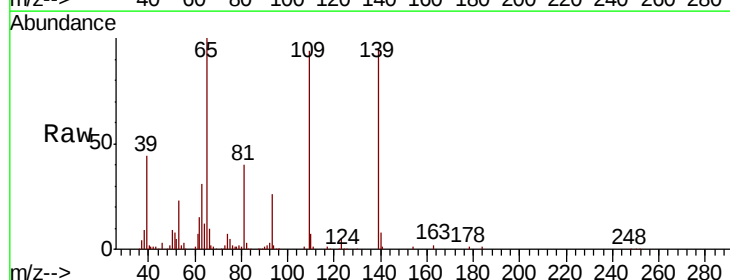
Manual Integrations
APPROVED

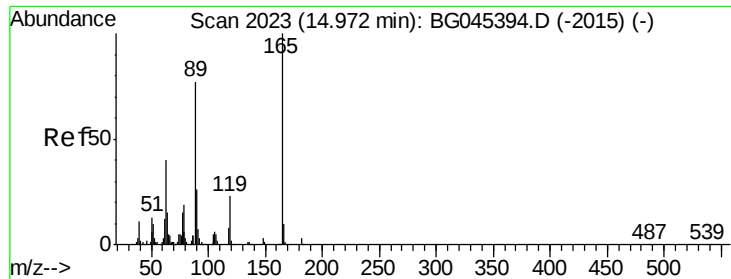
mohammad
6/16/2020 11:05:02 AM



#56
4-Nitrophenol
Concen: 84.807 ng
RT: 14.92 min Scan# 2015
Delta R.T. 0.08 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.5	75.6	115.6
65	105.5	76.8	116.8





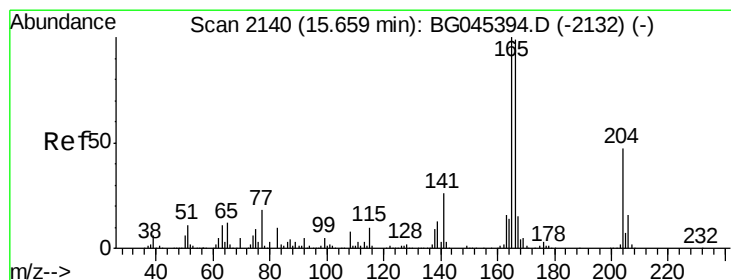
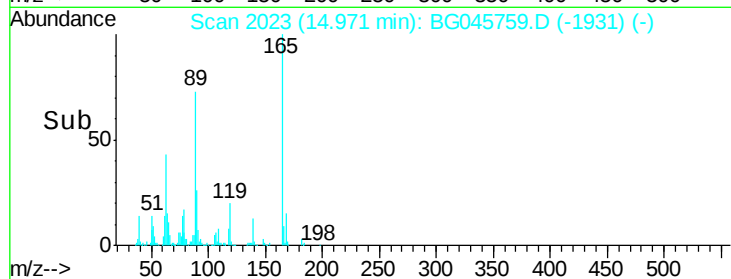
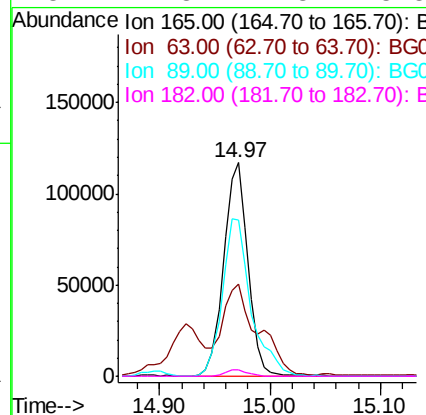
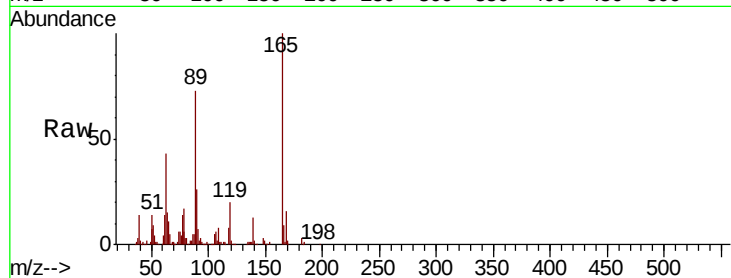
#57
2,4-Dinitrotoluene
Concen: 48.948 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		179508		
63	43.1	32.5	48.7		
89	72.8	61.8	92.6		
182	2.8	2.3	3.5		

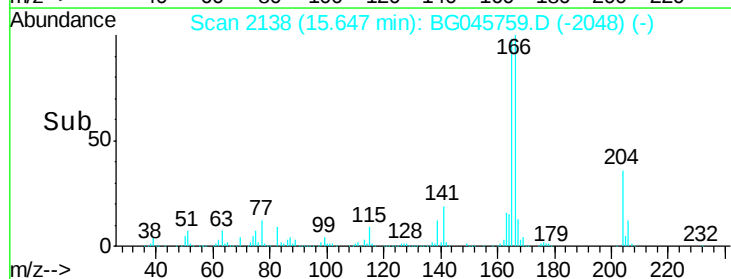
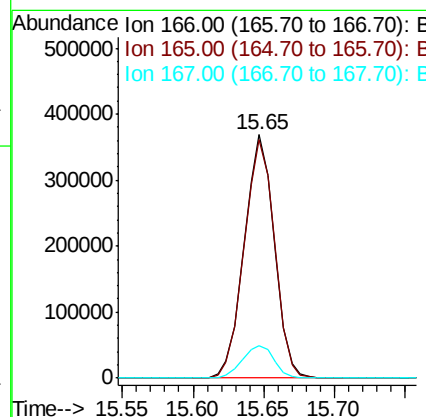
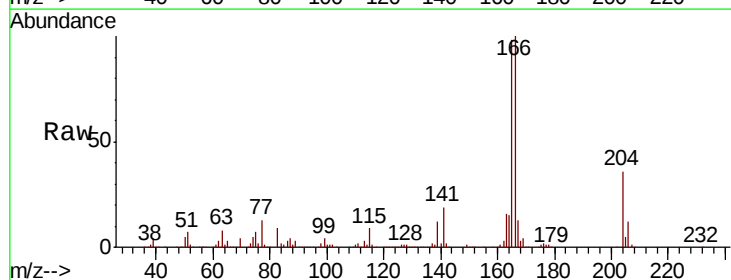
Manual Integrations
APPROVED

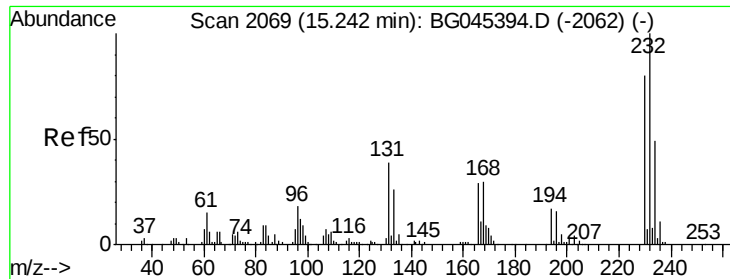
mohammad
6/16/2020 11:05:02 AM



#58
Fluorene
Concen: 51.288 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		549141		
165	98.0	80.8	121.2		
167	13.4	12.0	18.0		





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.454 ng

RT: 15.25 min Scan# 2070

Delta R.T. 0.01 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

ClientSampled :

15-SPMS

Tot Ion:232 Resp: 173765

Ion Ratio Lower Upper

232 100

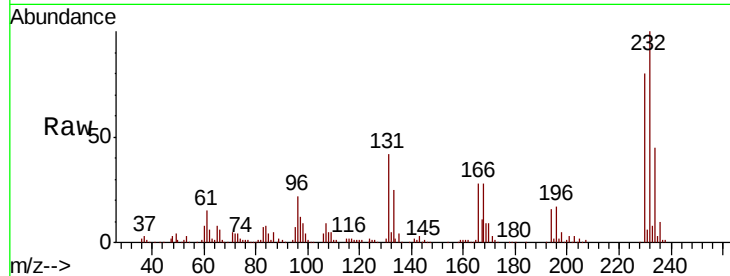
131 42.0 33.7 50.5

130 2.4 2.1 3.1

166 28.9 23.2 34.8

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM

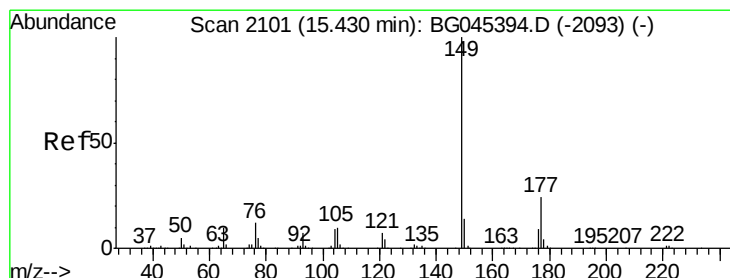
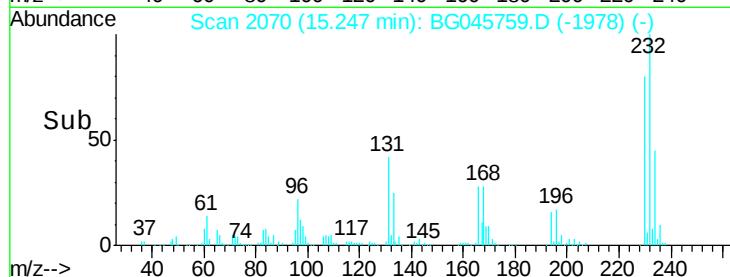
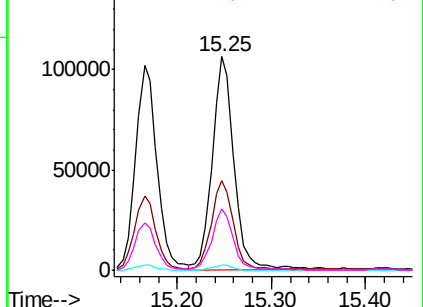


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 48.639 ng

RT: 15.42 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

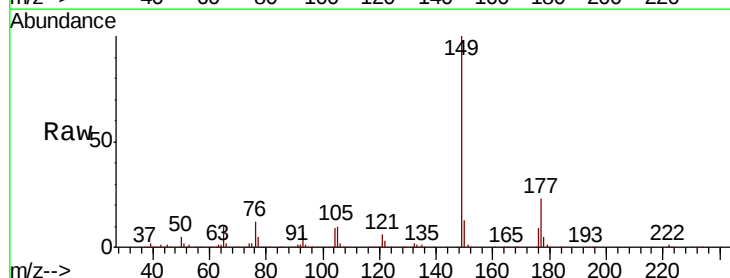
Tgt Ion:149 Resp: 568106

Ion Ratio Lower Upper

149 100

177 23.2 19.0 28.4

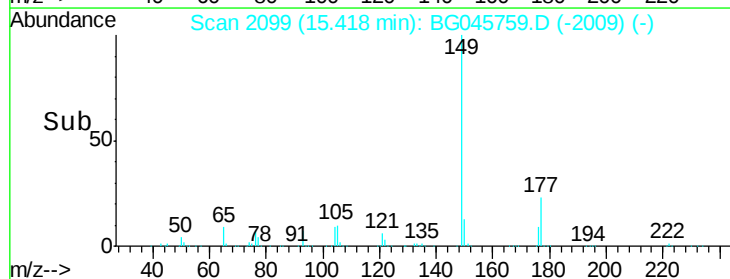
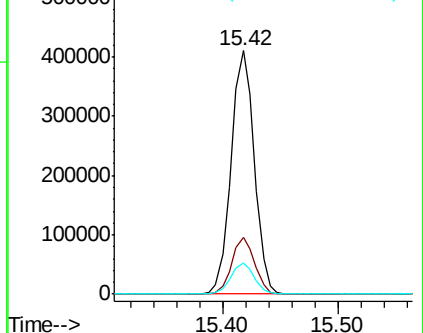
150 13.0 11.4 17.0

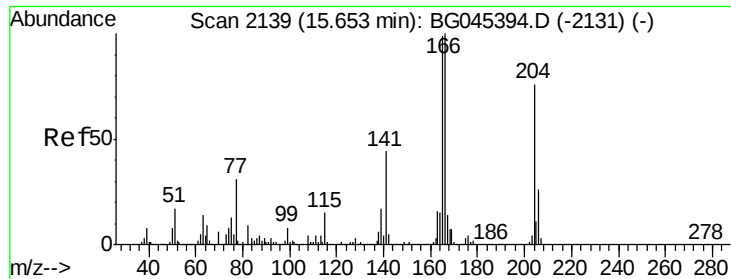


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





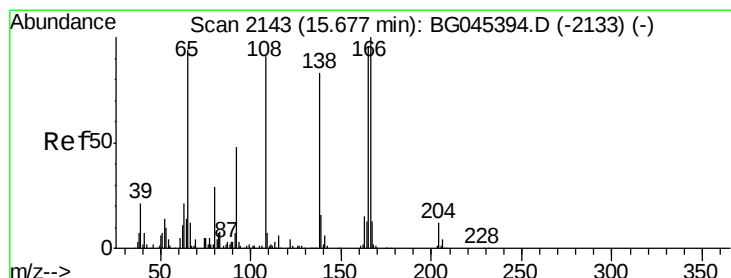
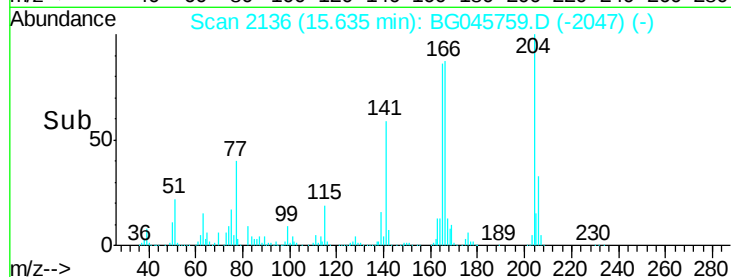
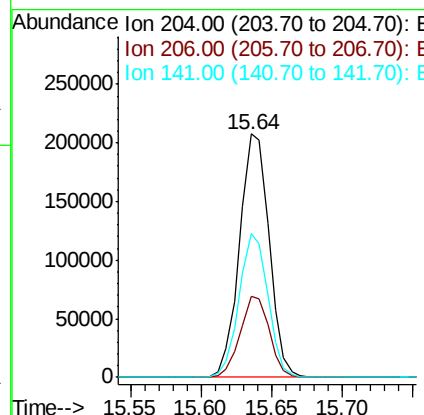
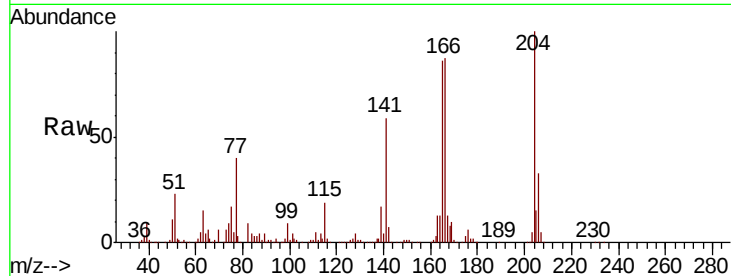
#61
4-Chlorophenyl-phenylether
Concen: 49.583 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	303787		
206	33.3	27.3	40.9	
141	59.0	45.9	68.9	

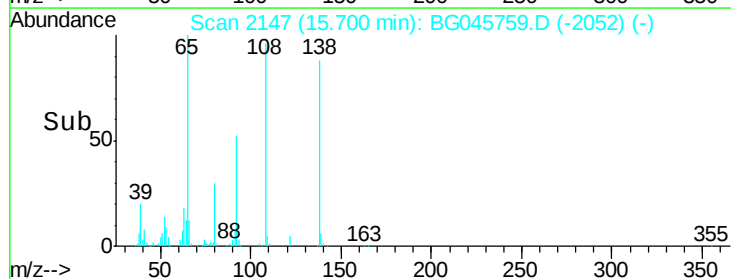
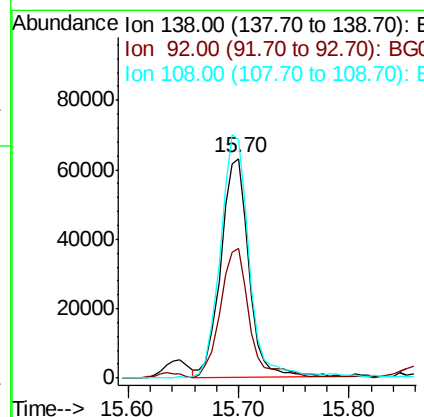
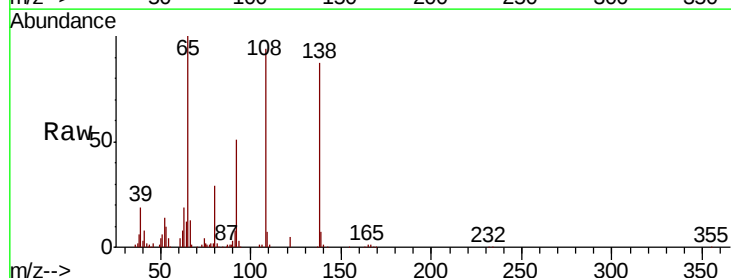
Manual Integrations
APPROVED

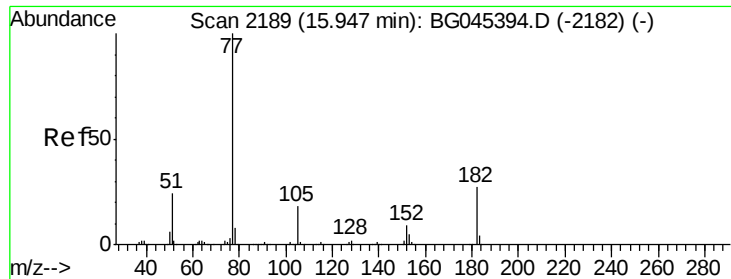
mohammad
6/16/2020 11:05:02 AM



#62
4-Nitroaniline
Concen: 41.529 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.03 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	111601		
92	58.8	38.0	78.0	
108	108.5	89.3	129.3	





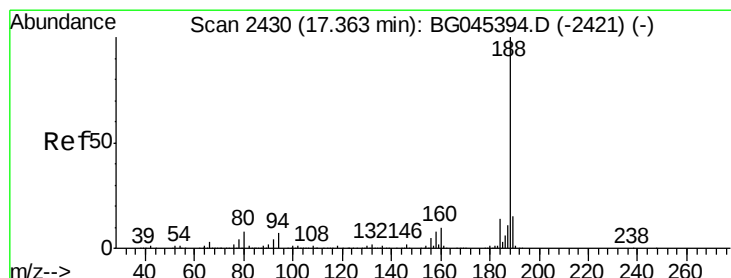
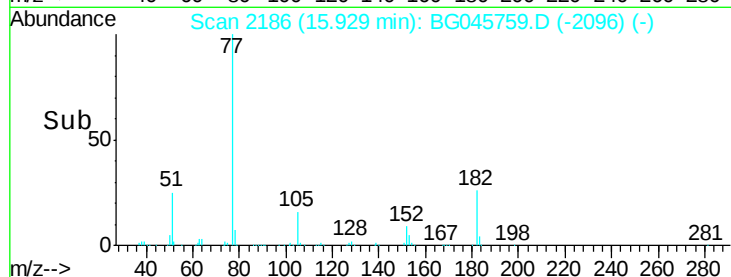
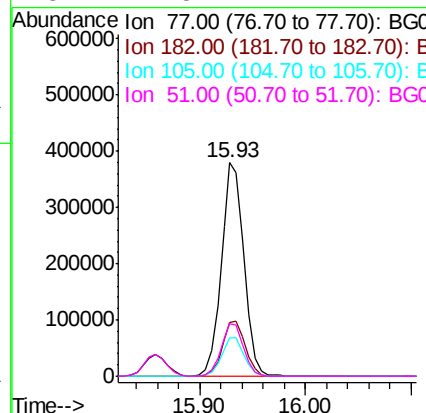
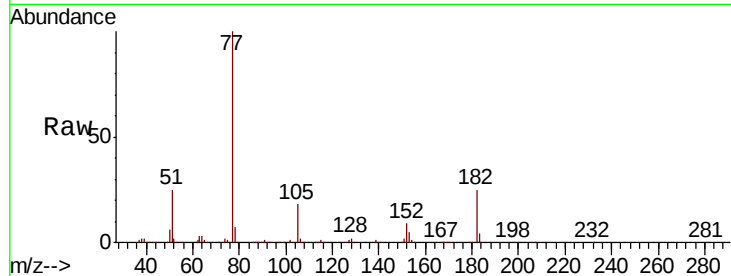
#63
Azobenzene
Concen: 51.581 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.5	6.5	46.5
105	17.9	0.0	37.9
51	24.8	4.1	44.1

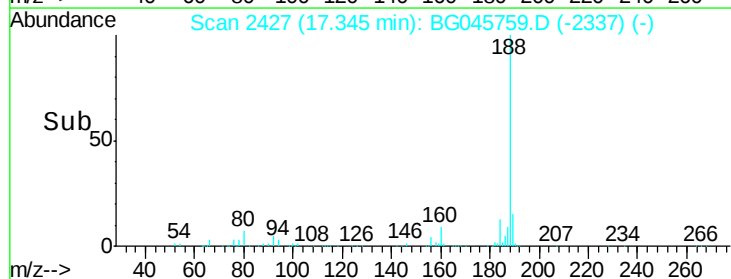
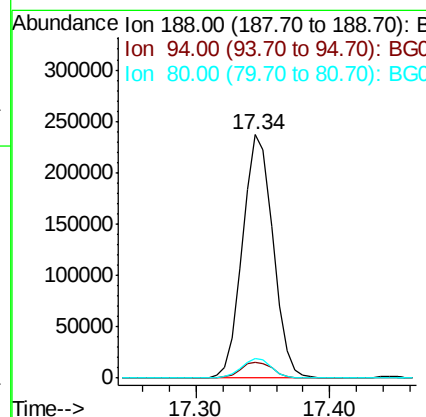
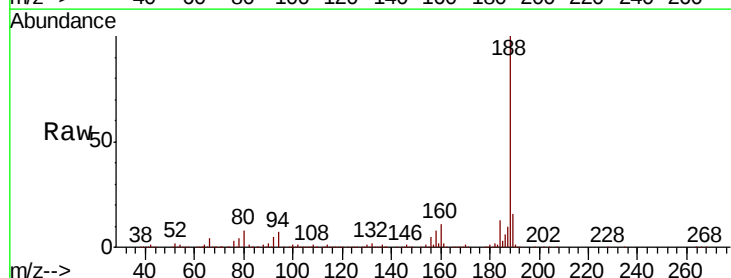
Manual Integrations
APPROVED

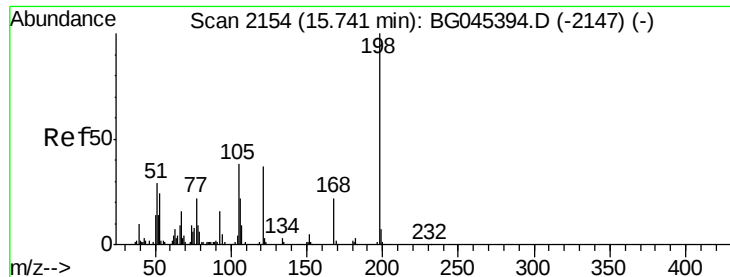
mohammad
6/16/2020 11:05:02 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.5	8.3
80	8.1	6.6	10.0





#65

4,6-Dinitro-2-methylphenol

Concen: 47.616 ng

RT: 15.74 min Scan# 2154

Delta R.T. 0.01 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

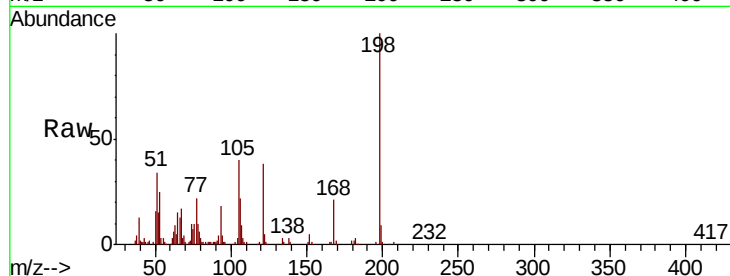
ClientSampleId :

15-SPMS

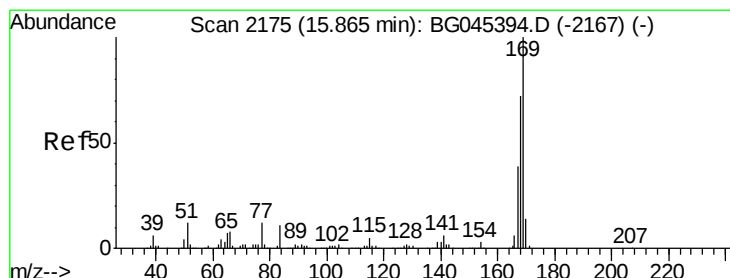
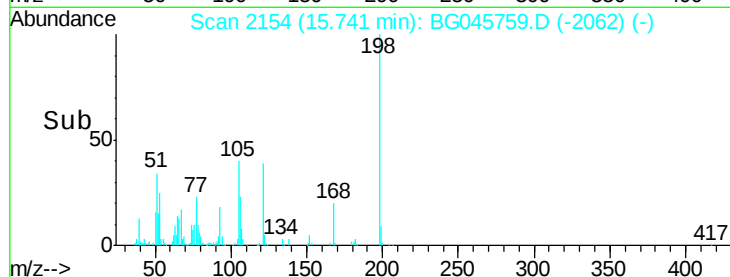
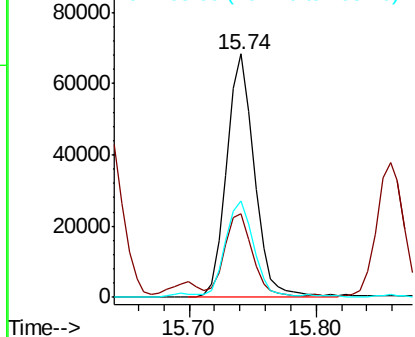
Tot Ion:	198	Resp:	103633
Ion Ratio	Lower	Upper	
198	100		
51	34.2	10.0	50.0
105	39.9	18.9	58.9

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



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



#66

n-Nitrosodiphenylamine

Concen: 53.521 ng

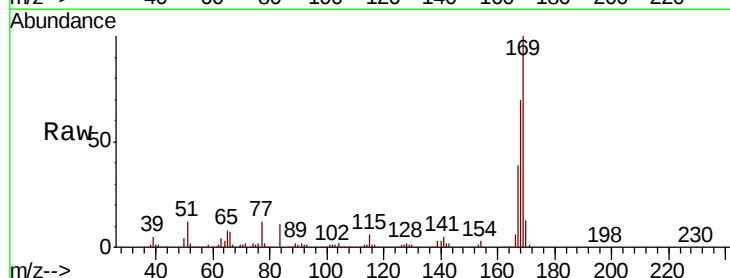
RT: 15.86 min Scan# 2174

Delta R.T. 0.01 min

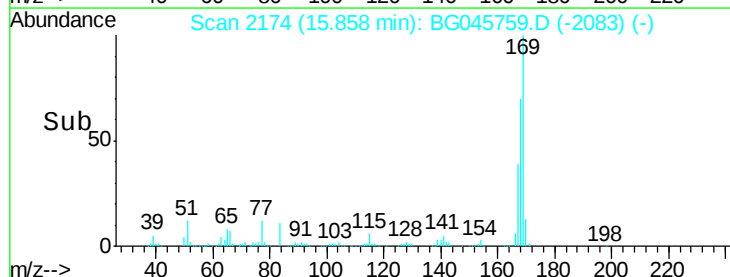
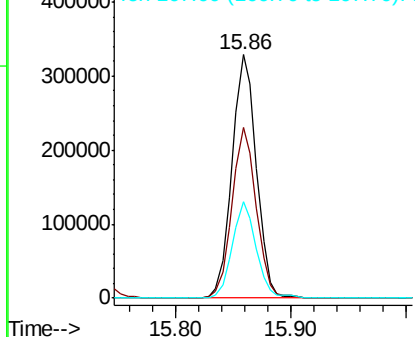
Lab File: BG045759.D

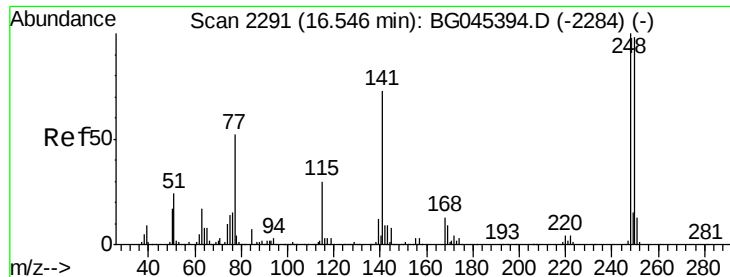
Acq: 13 Jun 2020 5:18

Tgt Ion:	169	Resp:	480219
Ion Ratio	Lower	Upper	
169	100		
168	69.9	57.8	86.6
167	39.4	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: 51.426 ng

RT: 16.53 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

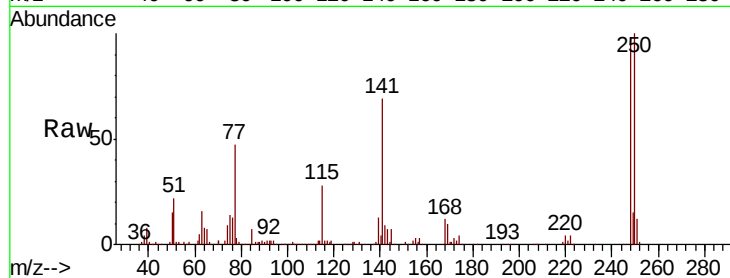
ClientSampled :

15-SPMS

Tot Ion:	248	Resp:	208099
Ion Ratio	Lower	Upper	
248	100		
250	101.9	78.6	117.8
141	70.7	58.2	87.2

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



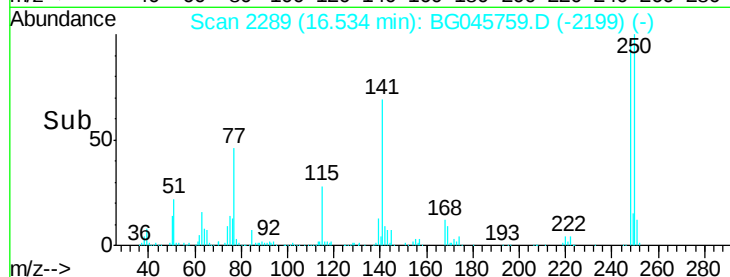
Abundance

Ion 248.00 (247.70 to 248.70): E

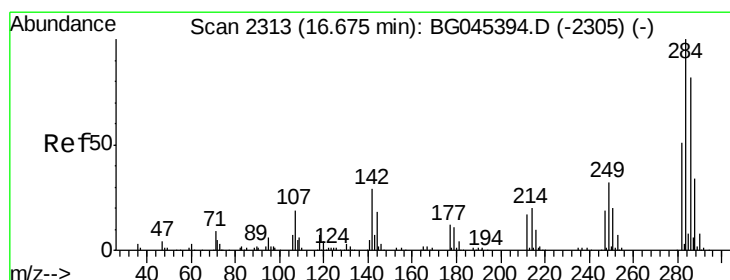
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.53



Time-->



#68

Hexachlorobenzene

Concen: 53.887 ng

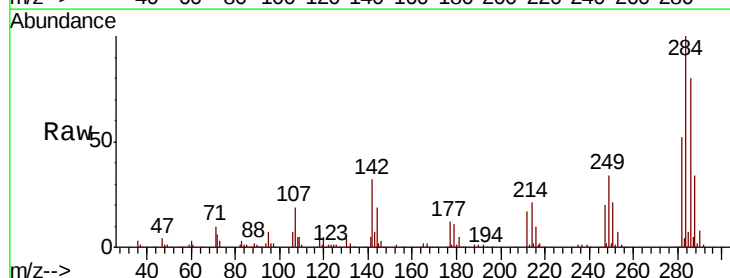
RT: 16.66 min Scan# 2310

Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion:	284	Resp:	228070
Ion Ratio	Lower	Upper	
284	100		
142	31.5	23.0	34.6
249	34.1	25.8	38.6



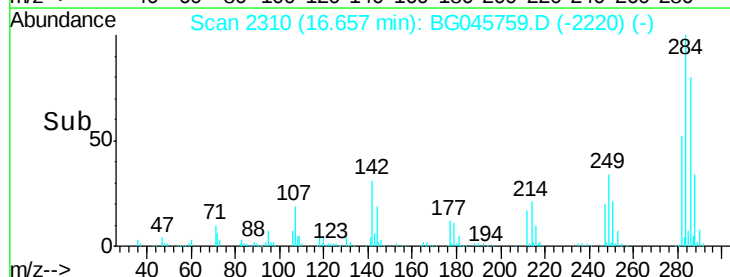
Abundance

Ion 283.80 (283.50 to 284.50): E

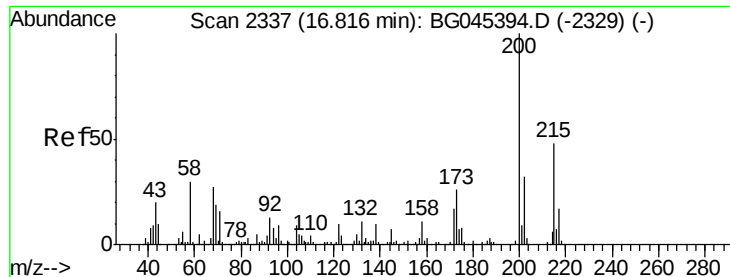
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.66



Time-->



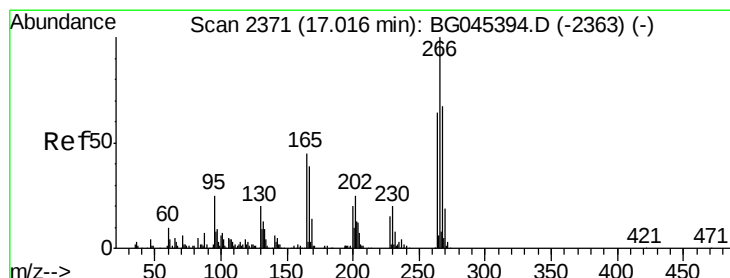
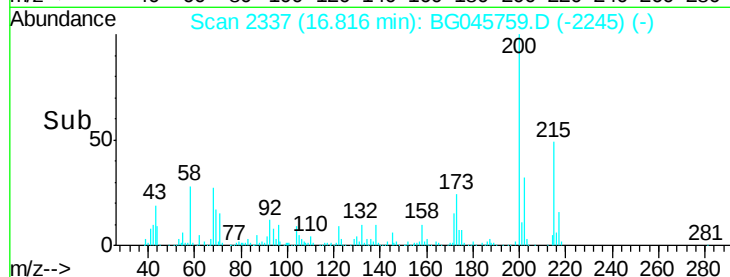
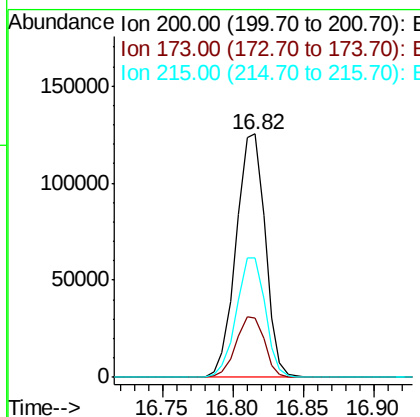
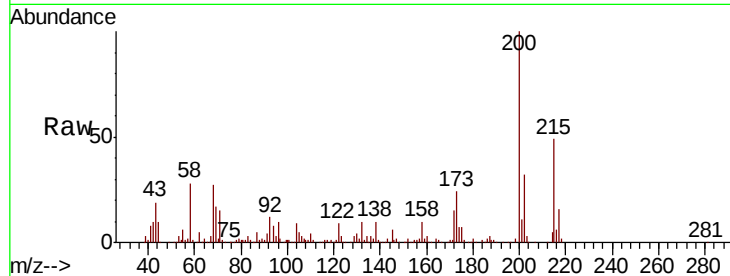
#69
Atrazine
Concen: 49.044 ng
RT: 16.82 min Scan# 2337
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.5	5.5	45.5
215	49.2	28.2	68.2

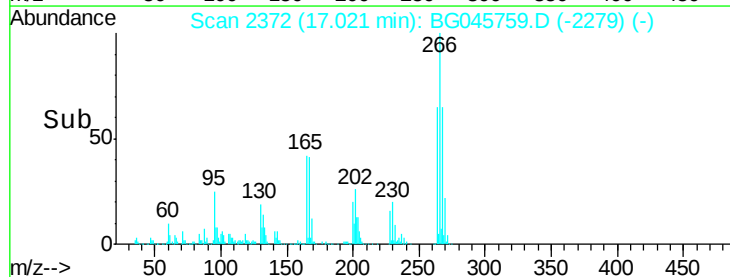
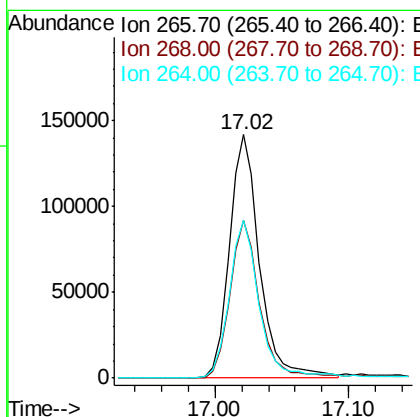
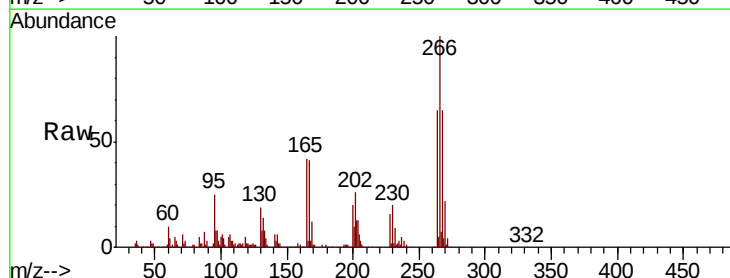
Manual Integrations
APPROVED

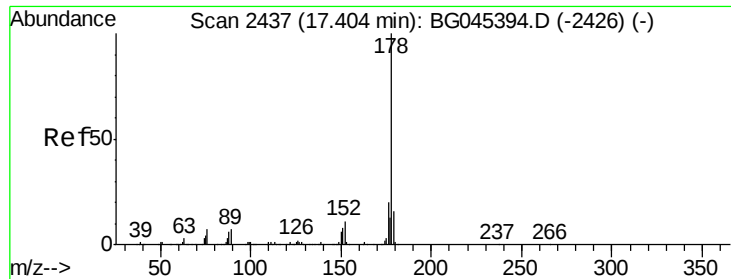
mohammad
6/16/2020 11:05:02 AM



#70
Pentachlorophenol
Concen: 101.432 ng
RT: 17.02 min Scan# 2372
Delta R.T. 0.02 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.8	53.2	79.8
264	65.1	51.0	76.4





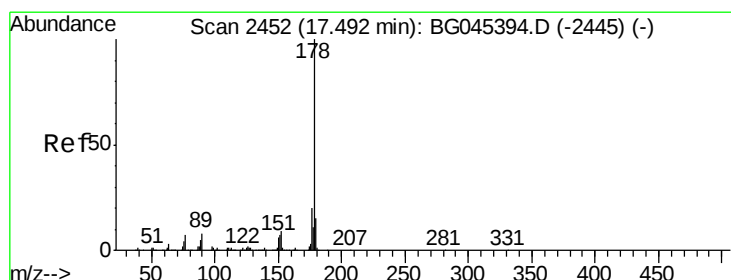
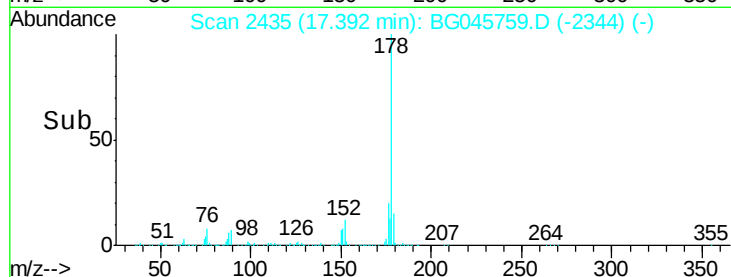
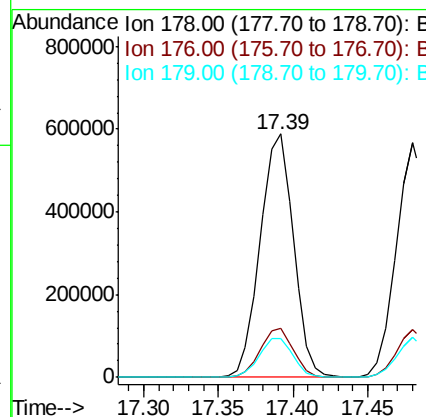
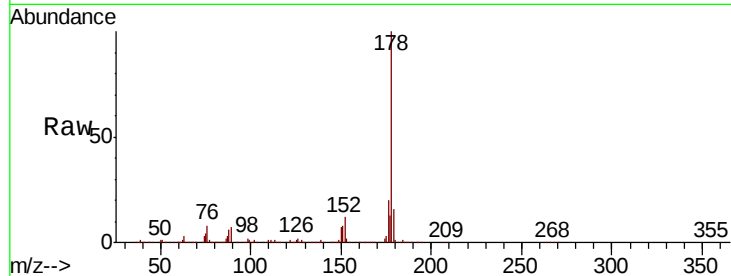
#71
Phenanthrene
Concen: 55.611 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.2	13.1	19.7

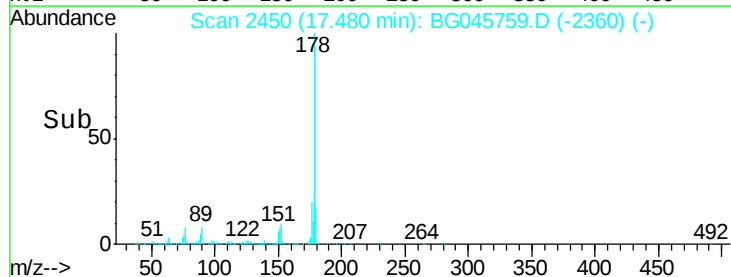
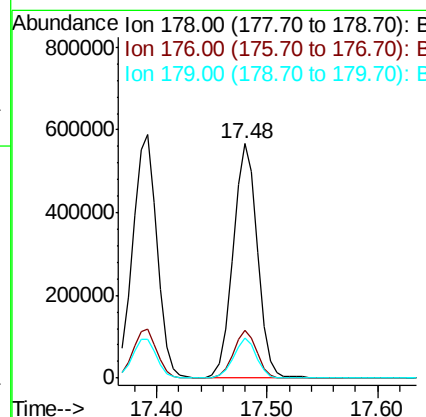
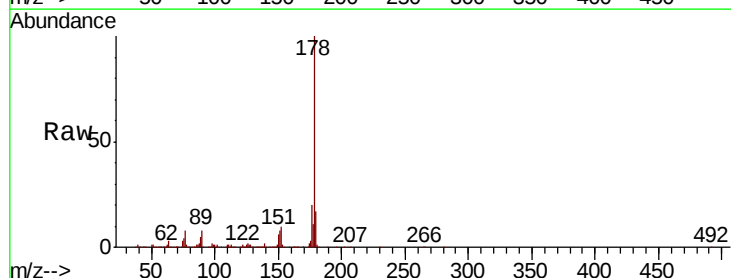
Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#72
Anthracene
Concen: 53.200 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	17.0	12.2	18.4





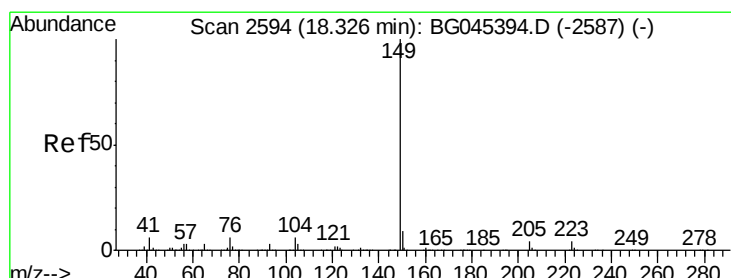
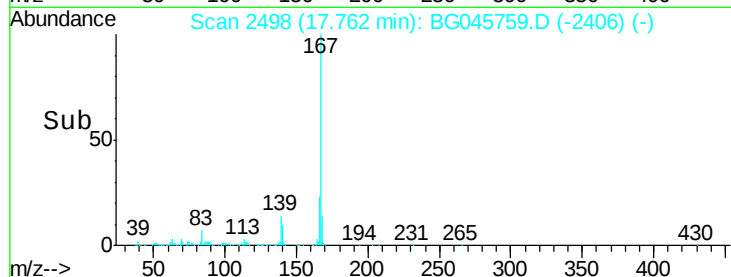
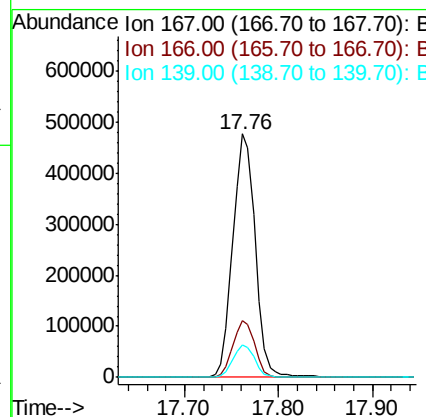
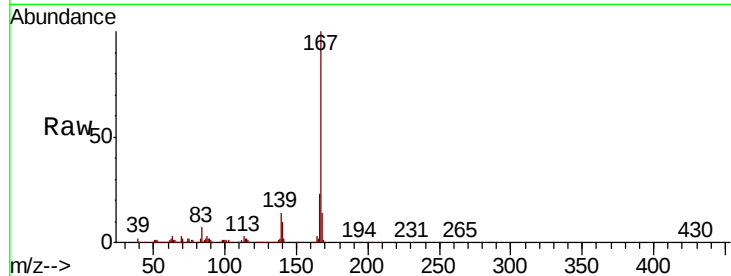
#73
 Carbazole
 Concen: 49.619 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. 0.01 min
 Lab File: BG045759.D
 Acq: 13 Jun 2020 5:18

Instrument :
 BNA_G
 ClientSampleId :
 15-SPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.2	28.8
139	13.5	10.6	16.0

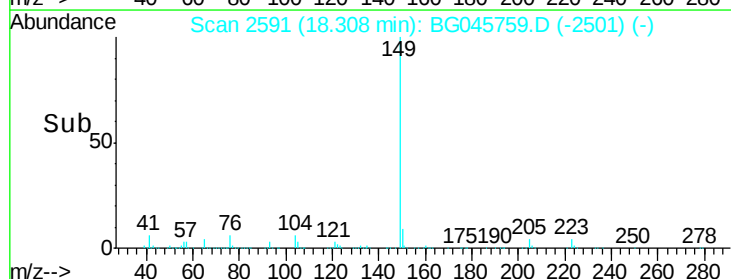
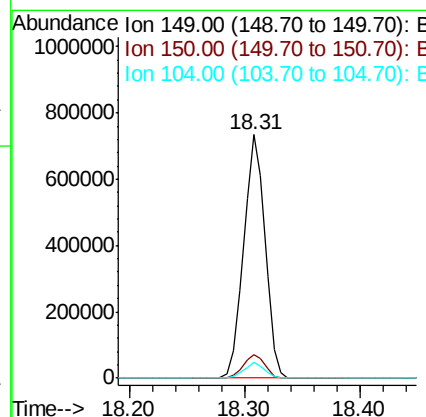
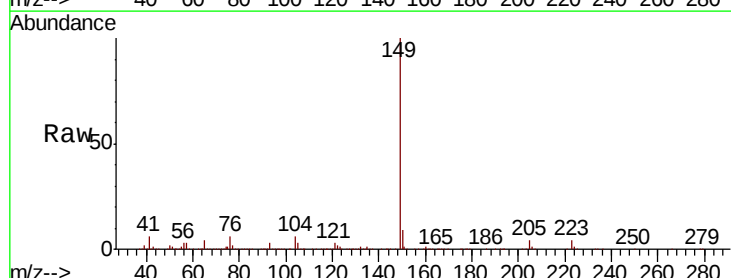
Manual Integrations
 APPROVED

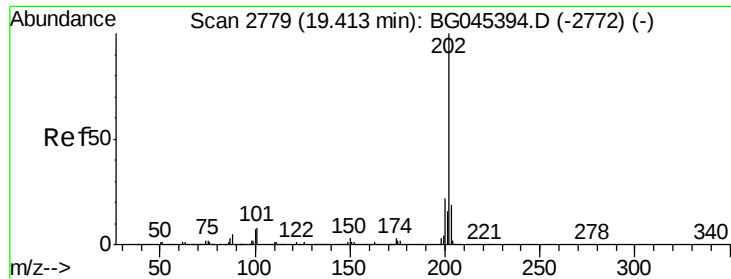
mohammad
 6/16/2020 11:05:02 AM



#74
 Di-n-butylphthalate
 Concen: 49.133 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG045759.D
 Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 53.534 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

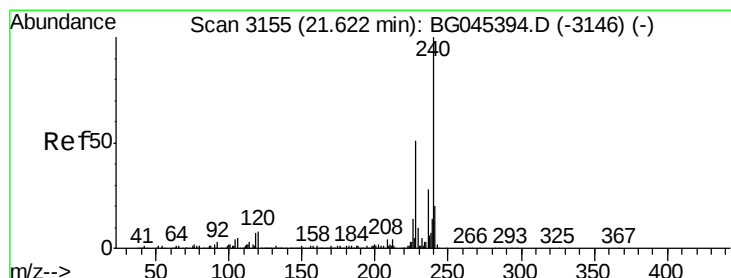
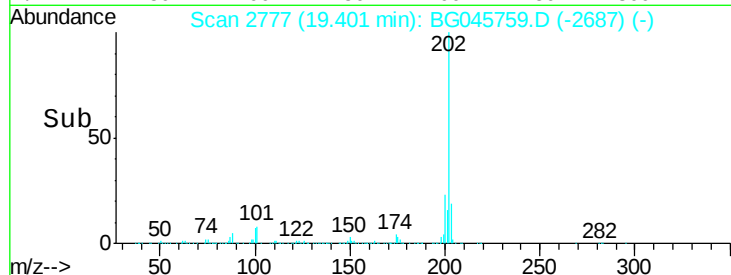
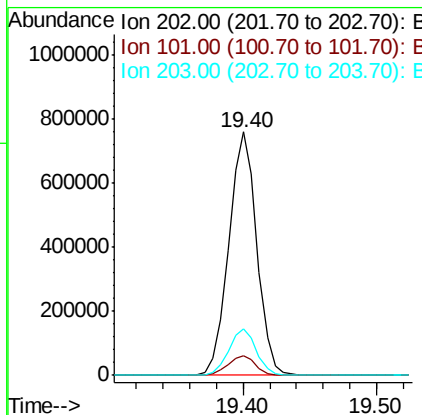
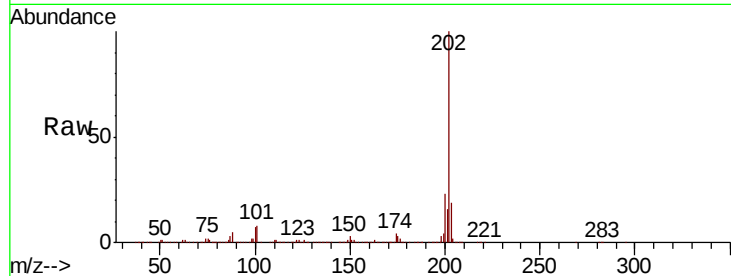
ClientSampled :

15-SPMS

Tot Ion:	202	Resp:	1110872
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.3
203	19.1	0.0	39.0

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#76

Chrysene-d12

Concen: 20.000 ng

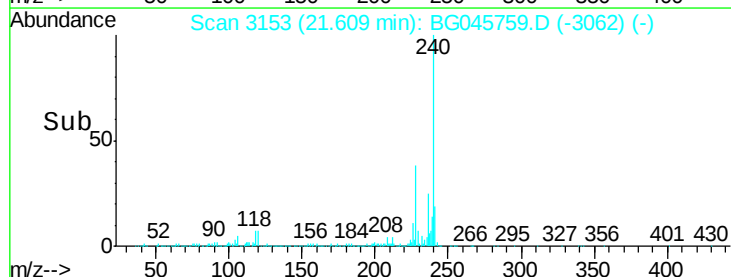
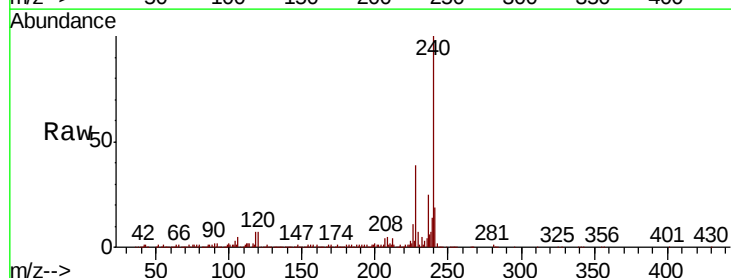
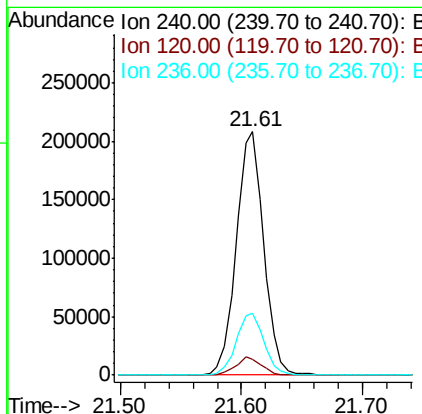
RT: 21.61 min Scan# 3153

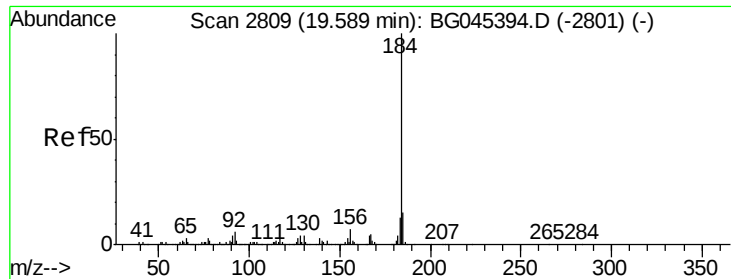
Delta R.T. 0.01 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion:	240	Resp:	328766
Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.1	9.1
236	25.4	22.3	33.5





#77

Benzidine

Concen: 41.843 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

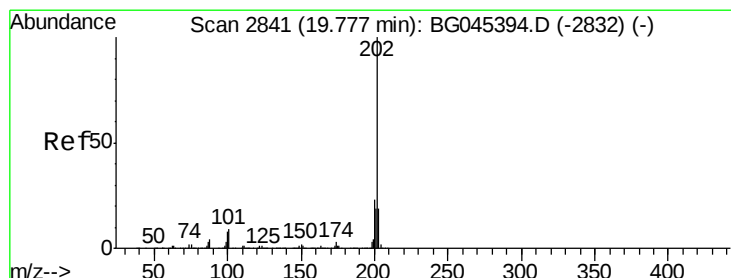
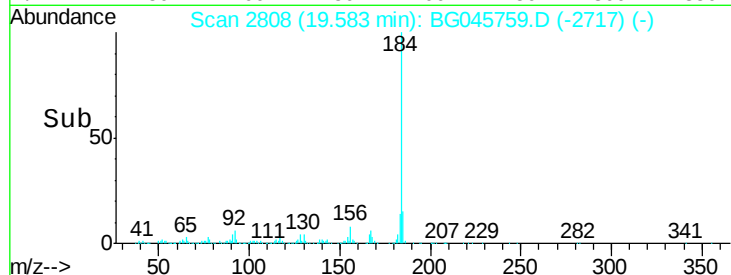
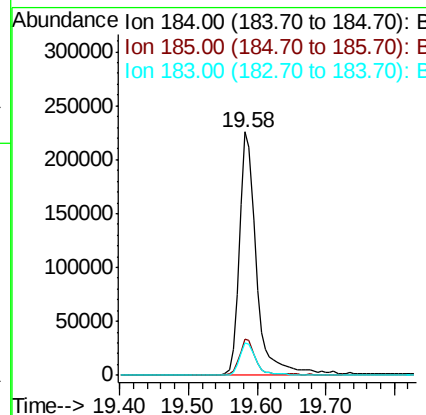
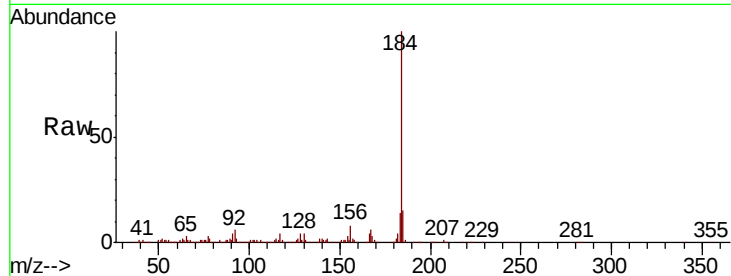
ClientSampleId :

15-SPMS

Tot Ion:	184	Resp:	386358
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.7	17.5
183	13.5	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#78

Pyrene

Concen: 57.142 ng

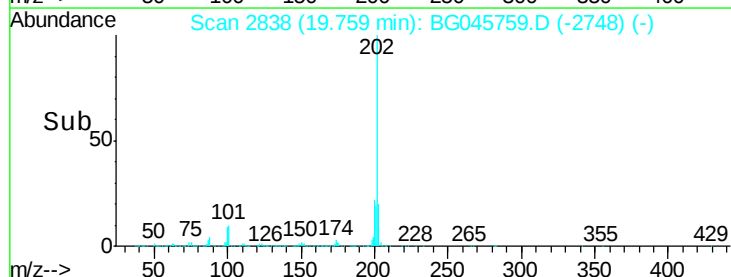
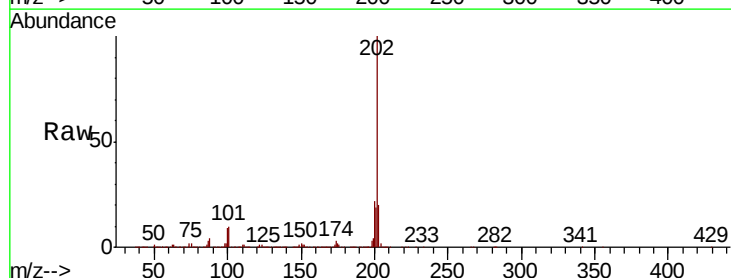
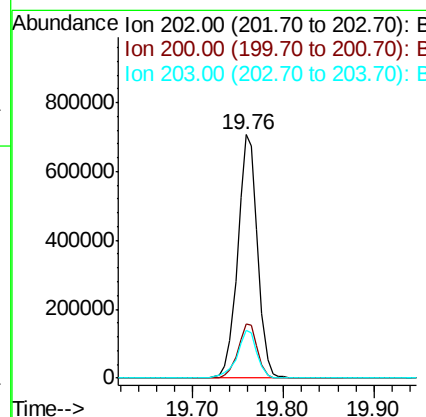
RT: 19.76 min Scan# 2838

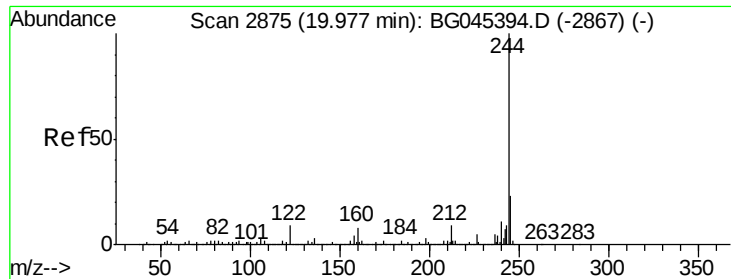
Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion:	202	Resp:	1070899
Ion Ratio	Lower	Upper	
202	100		
200	22.4	18.2	27.2
203	19.7	15.1	22.7





#79

Terphenyl-d14

Concen: 84.429 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

ClientSampled :

15-SPMS

Tot Ion:244 Resp: 1190136

Ion Ratio Lower Upper

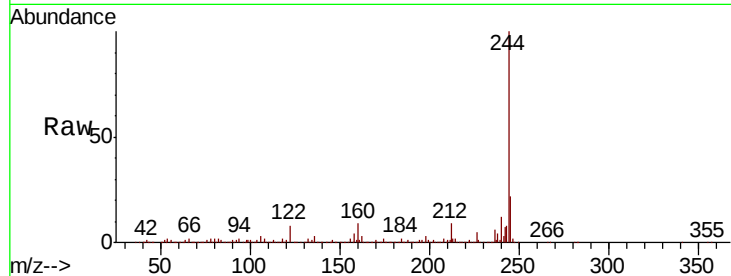
244 100

212 8.6 7.4 11.0

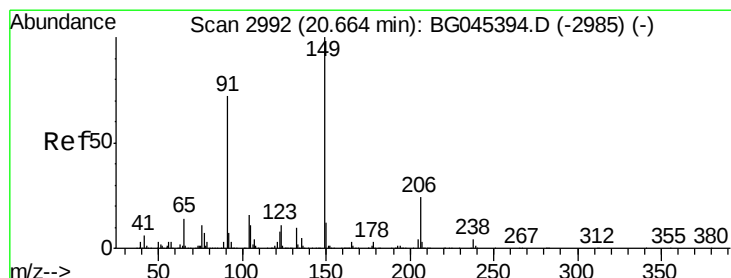
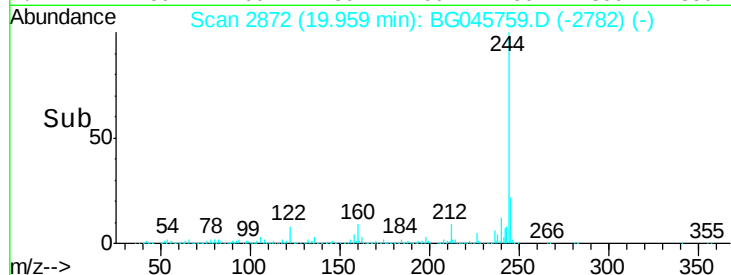
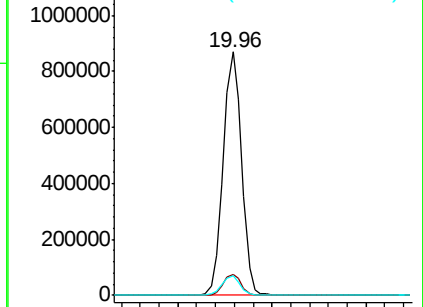
122 8.1 6.8 10.2

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.026 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

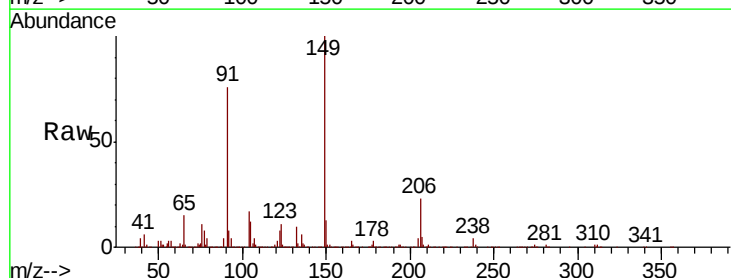
Tgt Ion:149 Resp: 412765

Ion Ratio Lower Upper

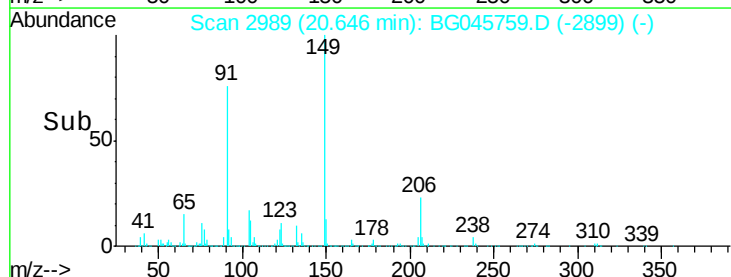
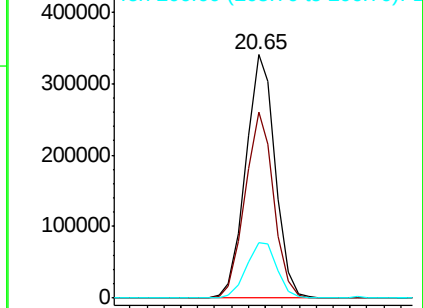
149 100

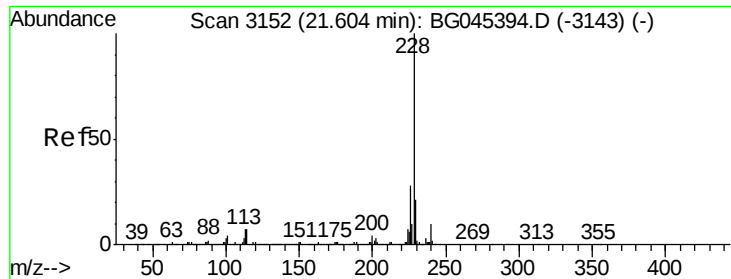
91 76.4 57.8 86.6

206 22.9 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: 54.139 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

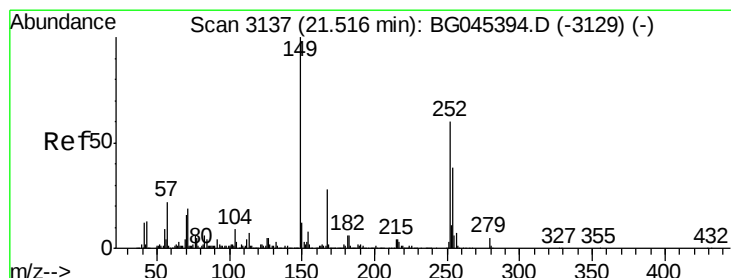
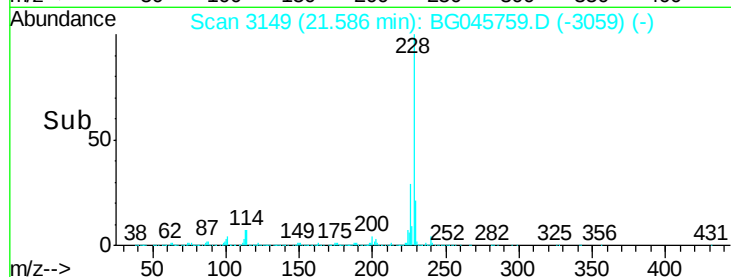
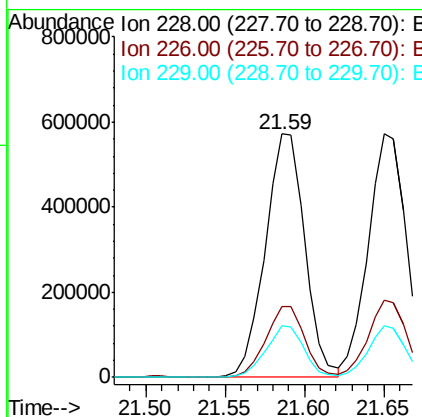
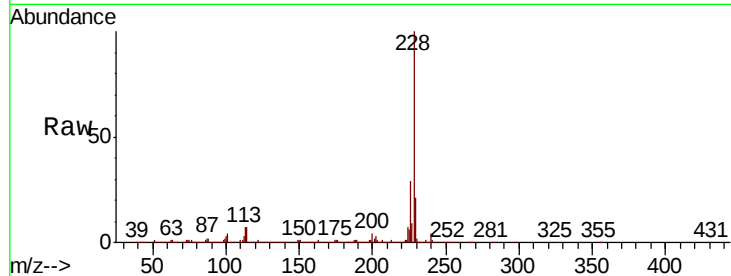
ClientSampleId :

15-SPMS

Tot Ion:	228	Resp:	991534
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.7	34.1
229	21.4	16.7	25.1

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#82

3,3'-Dichlorobenzidine

Concen: 35.586 ng

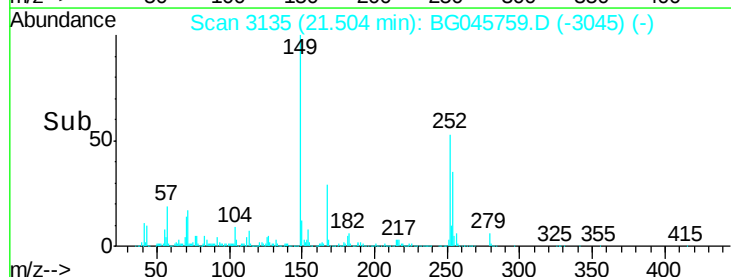
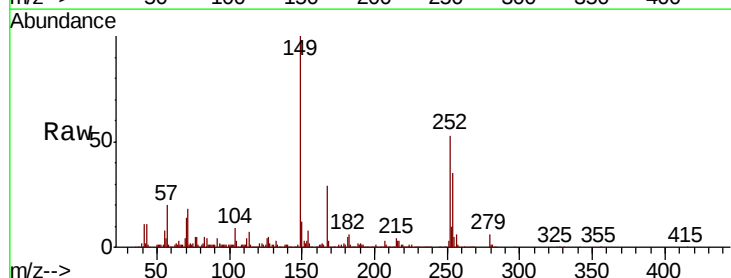
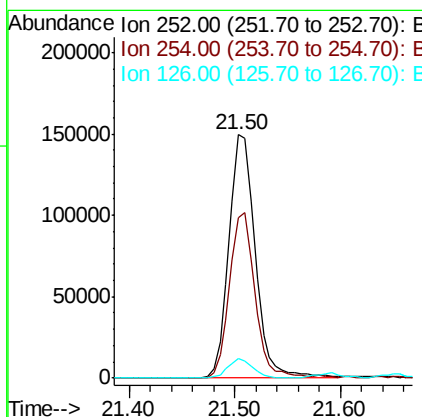
RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion:	252	Resp:	255649
Ion Ratio	Lower	Upper	
252	100		
254	65.8	51.3	76.9
126	7.9	6.6	10.0





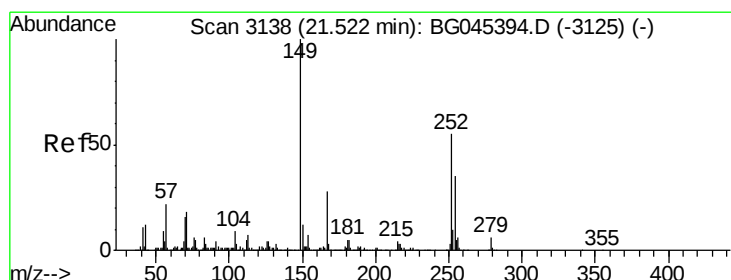
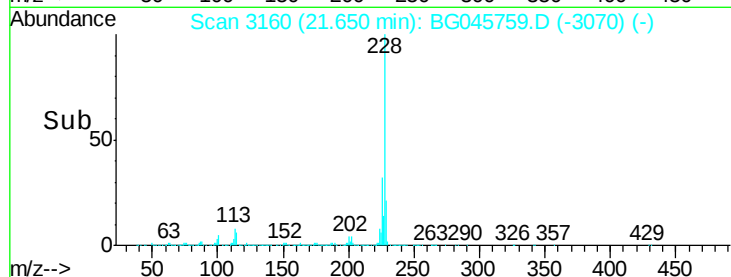
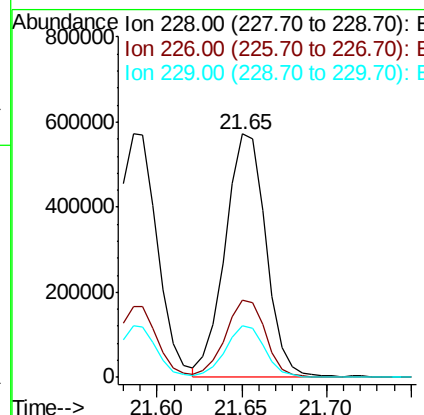
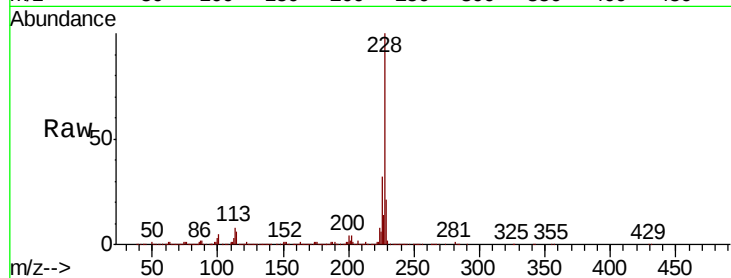
#83
Chrysene
Concen: 54.111 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion:	228	Resp:	952906
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.2	37.8
229	21.2	16.7	25.1

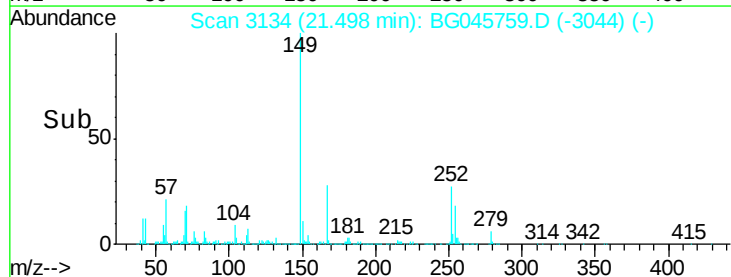
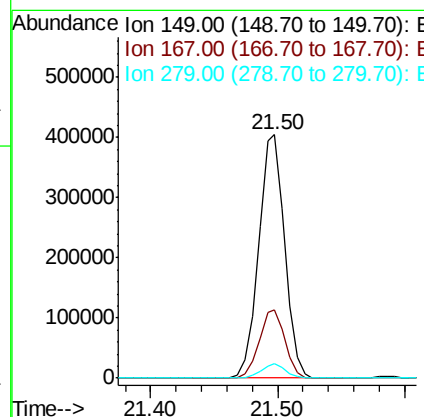
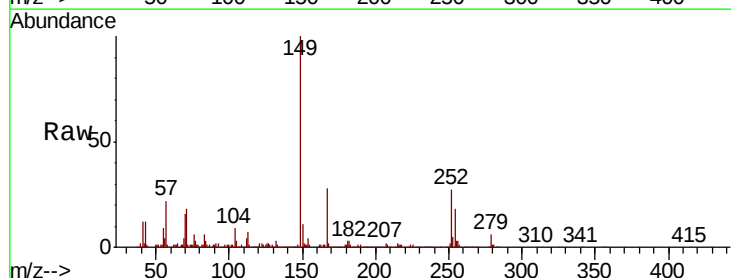
Manual Integrations
APPROVED

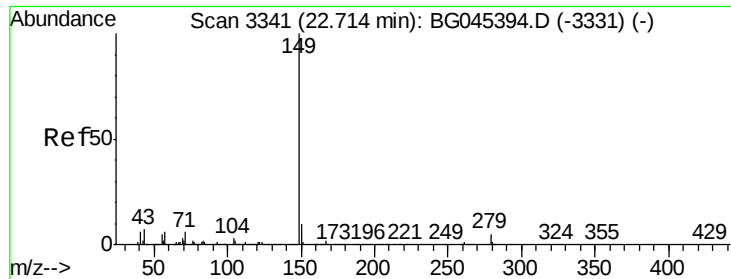
mohammad
6/16/2020 11:05:02 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.814 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion:	149	Resp:	576161
Ion Ratio	Lower	Upper	
149	100		
167	28.2	22.2	33.2
279	5.7	4.7	7.1





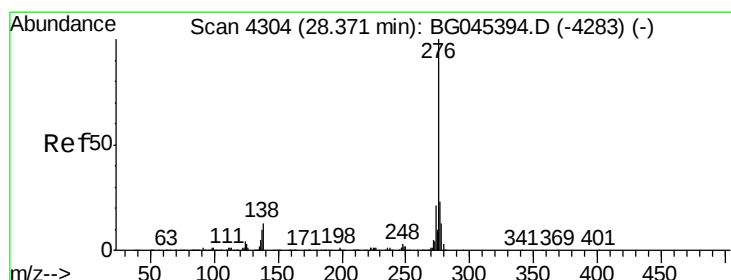
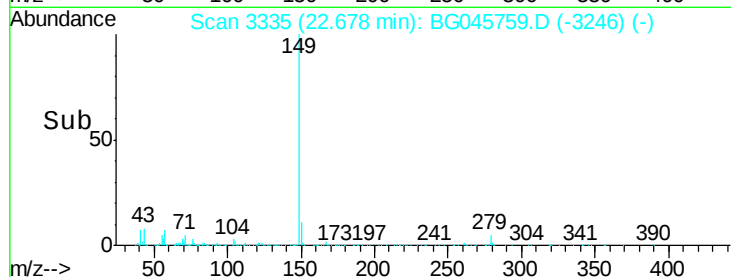
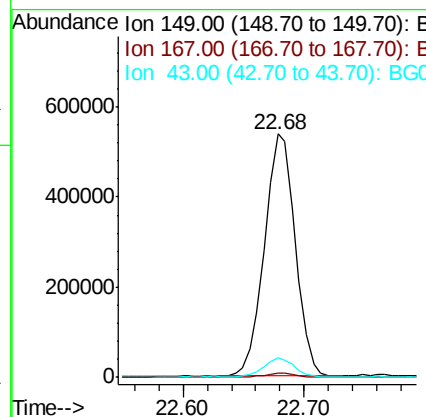
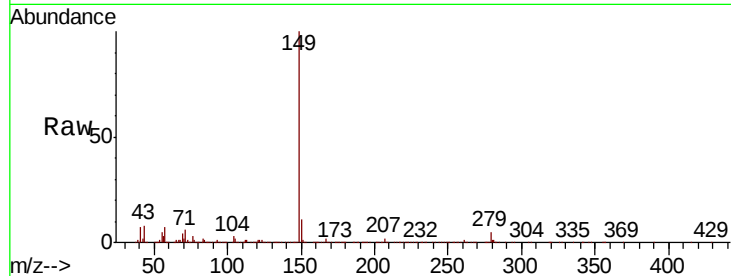
#85
Di-n-octyl phthalate
Concen: 50.024 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.6	5.8	8.8

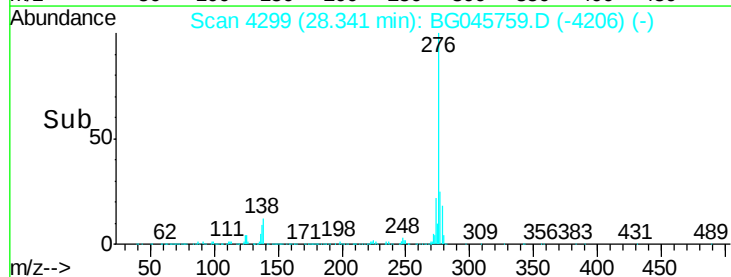
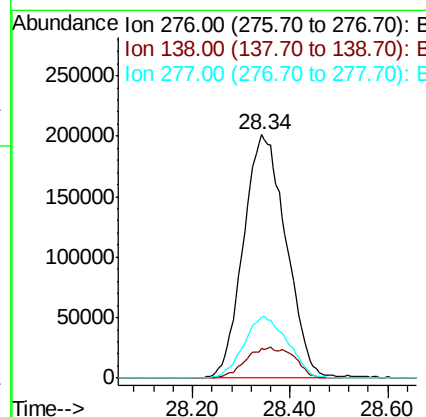
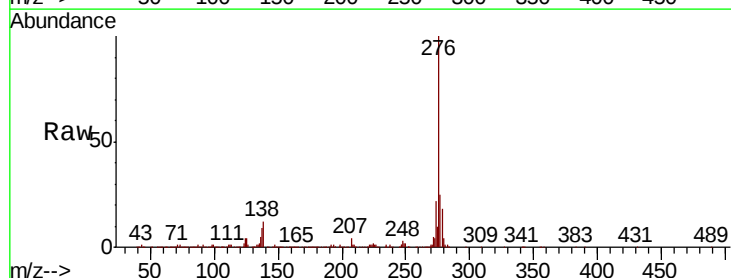
Manual Integrations
APPROVED

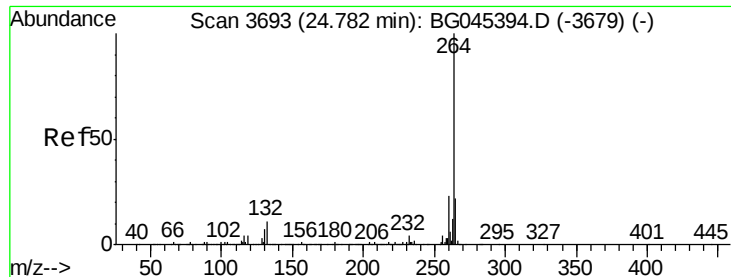
mohammad
6/16/2020 11:05:02 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.847 ng
RT: 28.34 min Scan# 4299
Delta R.T. 0.02 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	9.0	8.6	12.8
277	25.6	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

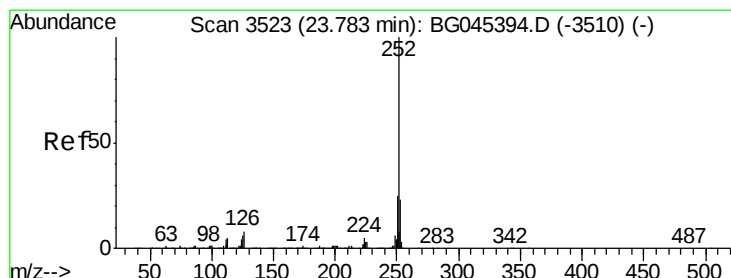
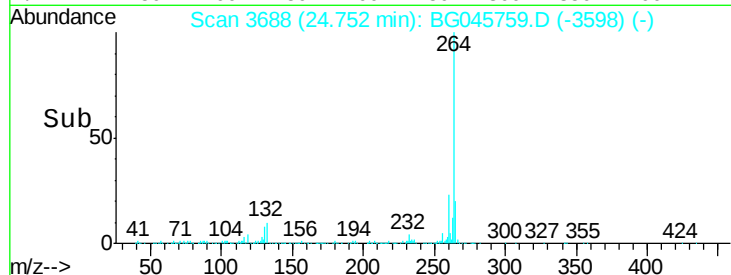
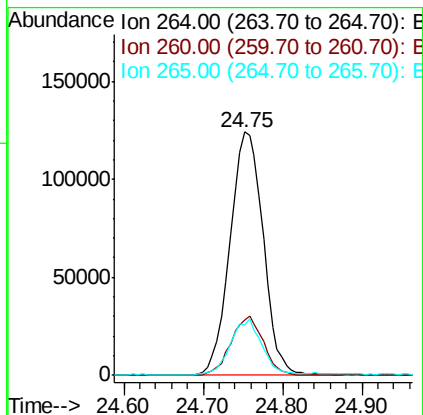
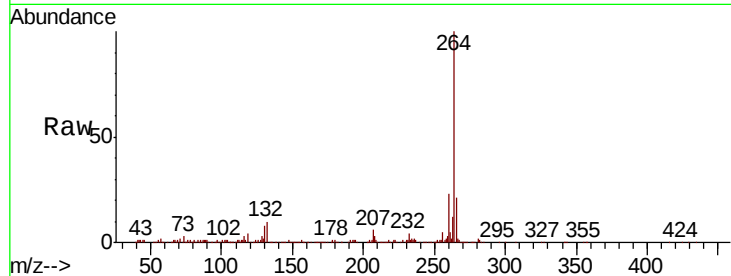
ClientSampleId :

15-SPMS

Tot Ion:	264	Resp:	360702
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.2	27.4
265	20.9	17.6	26.4

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#88

Benzo(b)fluoranthene

Concen: 55.030 ng

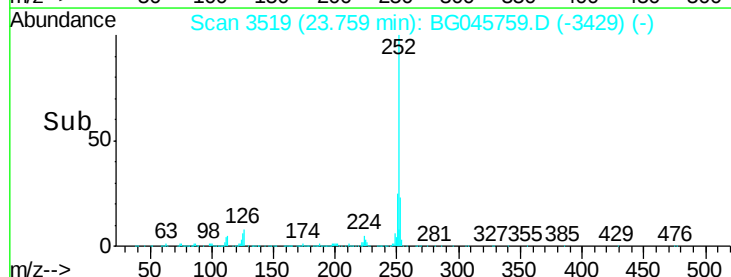
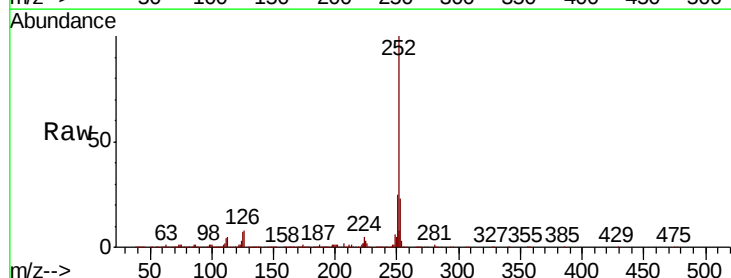
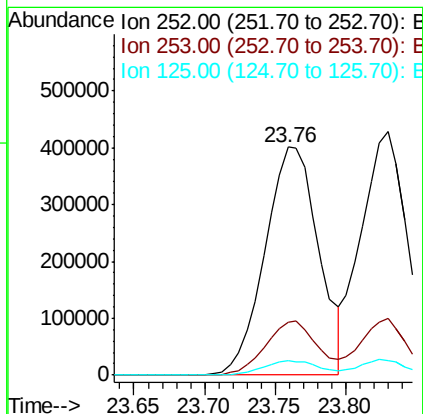
RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion:	252	Resp:	1064546
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.1	27.1
125	6.5	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 53.810 ng

RT: 23.83 min Scan# 3531

Delta R.T. 0.01 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Instrument :

BNA_G

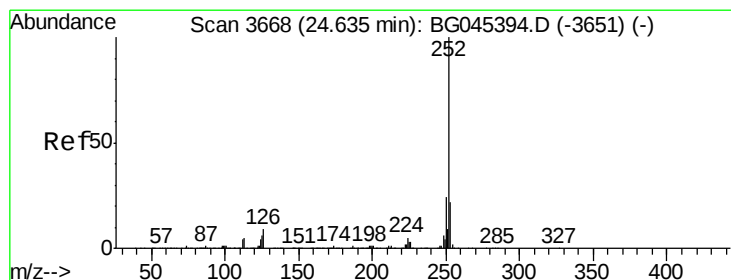
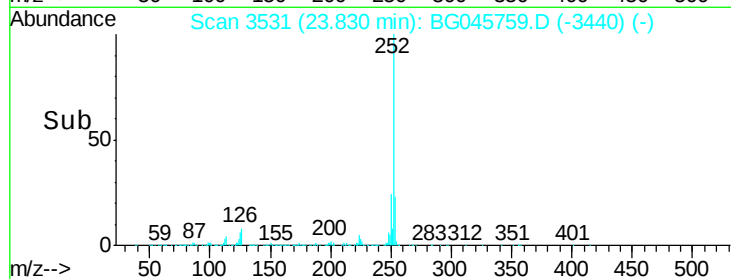
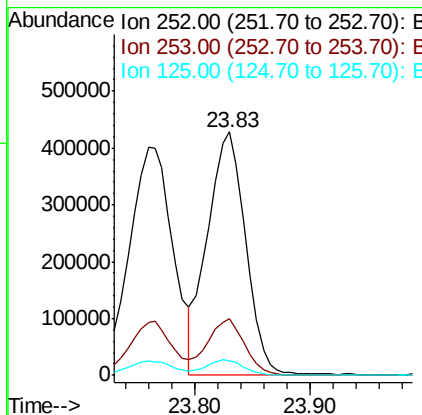
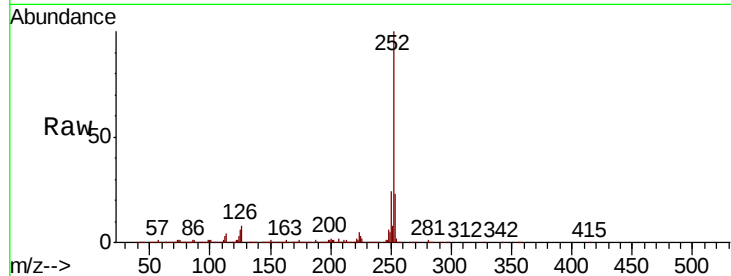
ClientSampleId :

15-SPMS

Tot Ion:	252	Resp:	977949
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.4	27.6
125	6.0	5.7	8.5

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#90

Benzo(a)pyrene

Concen: 53.014 ng

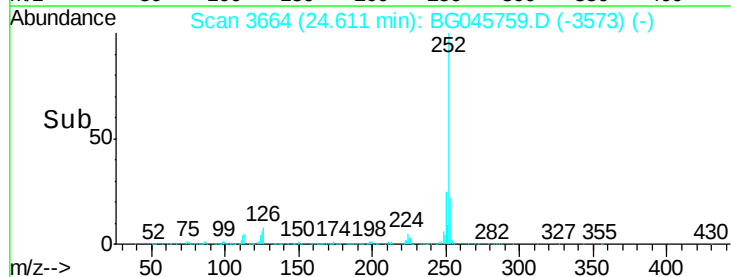
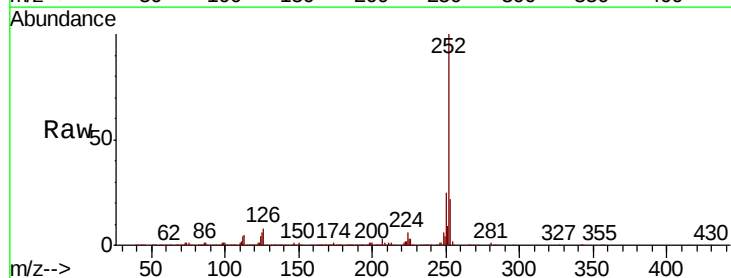
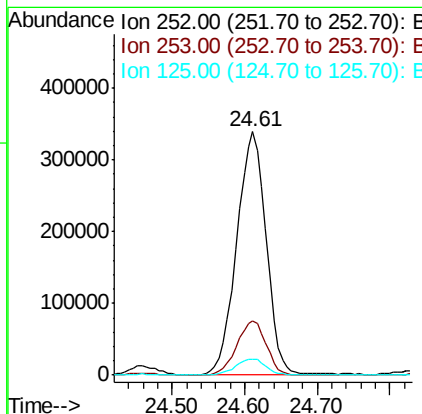
RT: 24.61 min Scan# 3664

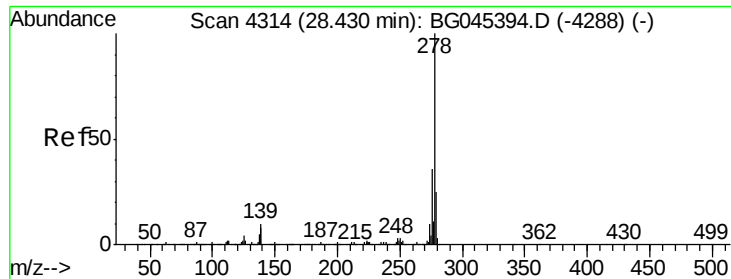
Delta R.T. 0.01 min

Lab File: BG045759.D

Acq: 13 Jun 2020 5:18

Tgt Ion:	252	Resp:	955118
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	6.4	5.0	7.6





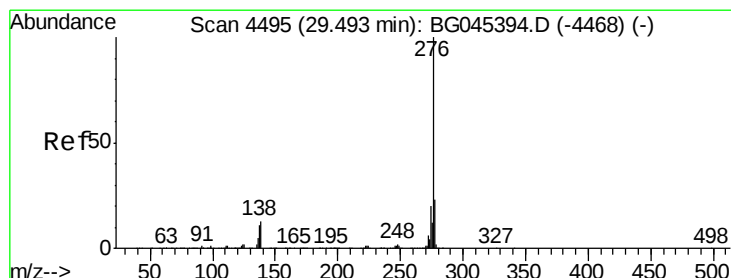
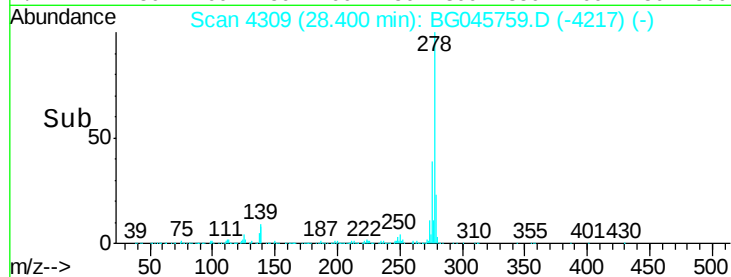
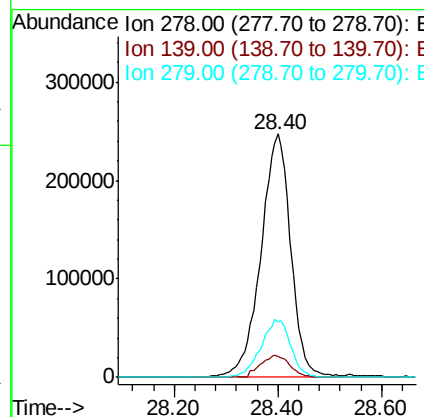
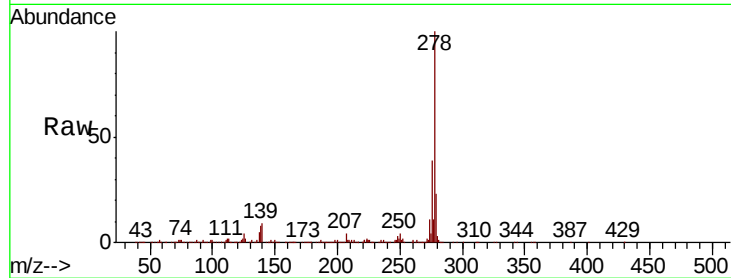
#91
Dibenzo(a,h)anthracene
Concen: 54.373 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Instrument :
BNA_G
ClientSampleId :
15-SPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	7.8	11.8
279	22.7	19.8	29.8

Manual Integrations
APPROVED

mohammad
6/16/2020 11:05:02 AM



#92
Benzo(g,h,i)perylene
Concen: 54.988 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045759.D
Acq: 13 Jun 2020 5:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.1	27.1
138	11.7	10.2	15.4

