

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
 Data File : BG043769.D
 Acq On : 25 Nov 2019 14:48
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 11/26/2019 12:48:46 PM

Quant Time: Nov 26 00:32:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	52570	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	283905	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	247900	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	707373	20.00	ng	0.00
76) Chrysene-d12	21.66	240	776507	20.00	ng	0.00
87) Perylene-d12	24.84	264	683135	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	239758	81.99	ng	0.00
7) Phenol-d6	7.18	99	417036	98.11	ng	0.00
23) Nitrobenzene-d5	9.18	82	430247	83.32	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	255148	85.33	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1158554	76.82	ng	-0.01
79) Terphenyl-d14	20.01	244	2556065	74.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	45429	35.038	ng	96
3) Pyridine	3.91	79	178712	48.952	ng	96
4) n-Nitrosodimethylamine	3.82	42	72144	39.781	ng	91
6) Aniline	7.35	93	270058	48.752	ng	98
8) 2-Chlorophenol	7.59	128	150876	45.238	ng	95
9) Benzaldehyde	7.16	77	126504	49.822	ng	99
10) Phenol	7.21	94	215461	49.375	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	161554	44.360	ng	96
12) 1,3-Dichlorobenzene	7.92	146	162146	41.300	ng	99
13) 1,4-Dichlorobenzene	8.06	146	164954	41.481	ng	98
14) 1,2-Dichlorobenzene	8.38	146	165874	44.084	ng	99
15) Benzyl Alcohol	8.25	79	173917	48.984	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	268242	42.828	ng	99
17) 2-Methylphenol	8.46	107	152394	48.846	ng	97
18) Hexachloroethane	9.12	117	57253	38.139	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	168235	50.328	ng	90
20) 3+4-Methylphenols	8.78	107	225812	51.880	ng	97
22) Acetophenone	8.84	105	295498	39.270	ng	# 97
24) Nitrobenzene	9.22	77	210869	39.730	ng	96
25) Isophorone	9.74	82	467689	42.241	ng	97
26) 2-Nitrophenol	9.93	139	85470	44.634	ng	98
27) 2,4-Dimethylphenol	9.99	122	156918	41.733	ng	93
28) bis(2-Chloroethoxy)methane	10.23	93	275286	40.341	ng	98
29) 2,4-Dichlorophenol	10.47	162	203682	44.559	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	205269	38.321	ng	97
31) Naphthalene	10.88	128	580342	41.207	ng	99
32) Benzoic acid	10.11	122	157917	58.239	ng	98
33) 4-Chloroaniline	10.97	127	313306	46.175	ng	99
34) Hexachlorobutadiene	11.18	225	121082	34.375	ng	97
35) Caprolactam	11.73	113	103606	55.741	ng	96
36) 4-Chloro-3-methylphenol	12.10	107	252817	49.215	ng	99
37) 2-Methylnaphthalene	12.48	142	481617	45.380	ng	97
38) 1-Methylnaphthalene	12.70	142	465521	46.217	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	276228	35.018	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
 Data File : BG043769.D
 Acq On : 25 Nov 2019 14:48
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

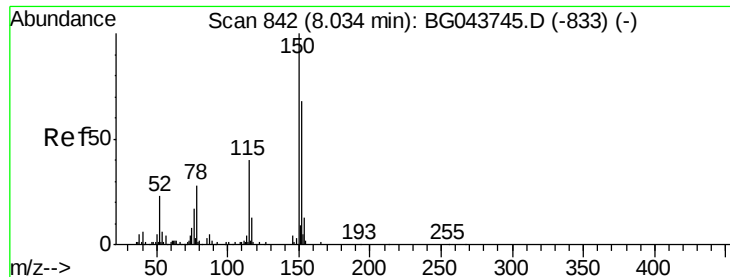
Manual Integrations
 APPROVED

mohammad
 11/26/2019 12:48:46 PM

Quant Time: Nov 26 00:32:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	110516	25.932	nq	97
43) 2,4,6-Trichlorophenol	13.08	196	207273	40.857	nq	99
44) 2,4,5-Trichlorophenol	13.15	196	224563	42.549	nq	96
46) 1,1'-Biphenyl	13.49	154	664238	38.655	nq	99
47) 2-Chloronaphthalene	13.53	162	545770	38.947	nq	98
48) 2-Nitroaniline	13.72	65	198475	48.379	nq	99
49) Acenaphthylene	14.37	152	904578	41.029	nq	97
50) Dimethylphthalate	14.10	163	817407	41.624	nq	99
51) 2,6-Dinitrotoluene	14.22	165	180353	49.455	nq	94
52) Acenaphthene	14.72	154	574863	40.772	nq	99
53) 3-Nitroaniline	14.54	138	223609	52.495	nq	# 95
54) 2,4-Dinitrophenol	14.74	184	66628	44.717	nq	# 68
55) Dibenzofuran	15.05	168	918778	41.829	nq	100
56) 4-Nitrophenol	14.84	139	194421	54.187	nq	93
57) 2,4-Dinitrotoluene	15.00	165	269835	53.353	nq	99
58) Fluorene	15.70	166	758455	42.106	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	234383m	44.215	nq	
60) Diethylphthalate	15.47	149	870458	43.085	nq	100
61) 4-Chlorophenyl-phenylether	15.69	204	406519	40.990	nq	99
62) 4-Nitroaniline	15.70	138	256559	52.526	nq	92
63) Azobenzene	15.98	77	774823	41.920	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	100347	40.546	nq	97
66) n-Nitrosodiphenylamine	15.90	169	732914	39.133	nq	97
67) 4-Bromophenyl-phenylether	16.59	248	278432	37.325	nq	98
68) Hexachlorobenzene	16.71	284	304887	37.386	nq	97
69) Atrazine	16.85	200	293193	39.061	nq	98
70) Pentachlorophenol	17.04	266	216409	43.489	nq	97
71) Phenanthrene	17.44	178	1410932	40.311	nq	96
72) Anthracene	17.53	178	1413551	39.979	nq	97
73) Carbazole	17.79	167	1433119	40.887	nq	98
74) Di-n-butylphthalate	18.37	149	1703573	37.997	nq	98
75) Fluoranthene	19.45	202	1912028	38.082	nq	95
77) Benzidine	19.62	184	897856	39.583	nq	97
78) Pyrene	19.80	202	1961016	39.131	nq	96
80) Butylbenzylphthalate	20.70	149	971635	42.560	nq	98
81) Benzo(a)anthracene	21.64	228	2000211	38.531	nq	96
82) 3,3'-Dichlorobenzidine	21.55	252	701850	36.053	nq	98
83) Chrysene	21.71	228	1908989	38.862	nq	95
84) Bis(2-ethylhexyl)phthalate	21.58	149	1266166	39.418	nq	96
85) Di-n-octyl phthalate	22.79	149	1824251	35.013	nq	98
86) Indeno(1,2,3-cd)pyrene	28.45	276	1883433	32.962	nq	98
88) Benzo(b)fluoranthene	23.83	252	1687696	41.378	nq	97
89) Benzo(k)fluoranthene	23.90	252	1577258	40.293	nq	98
90) Benzo(a)pyrene	24.69	252	1546702	40.328	nq	98
91) Dibenzo(a,h)anthracene	28.52	278	1525563	41.008	nq	98
92) Benzo(g,h,i)perylene	29.58	276	1509789	41.154	nq	97

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



#1

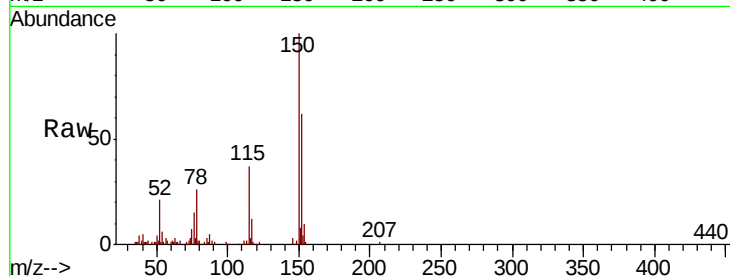
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	117.8	176.8
115	59.3	47.0	70.4

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM

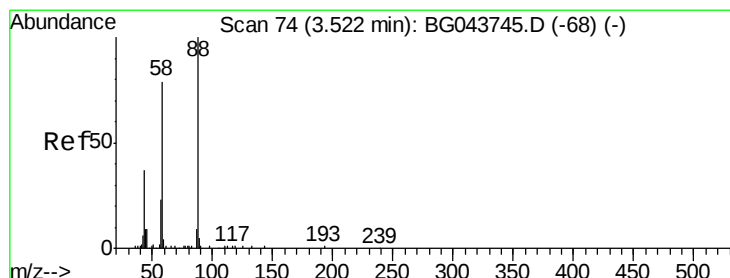
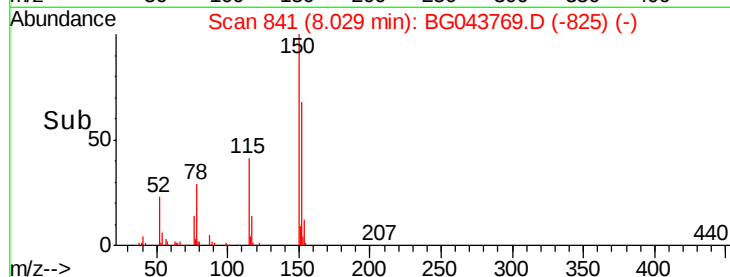
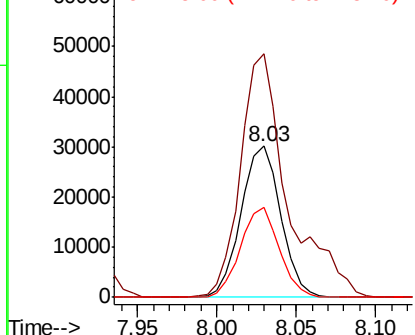


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

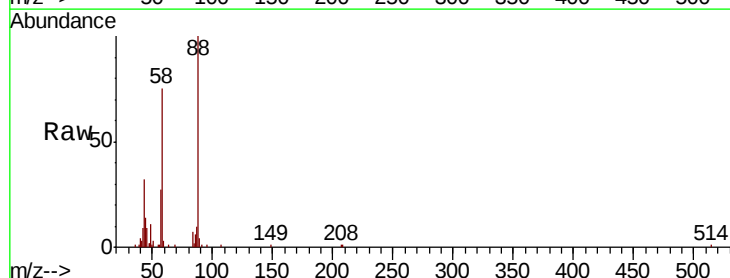
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.038 ng
RT: 3.52 min Scan# 74
Delta R.T. 0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	62.3	93.5
43	30.8	28.9	43.3

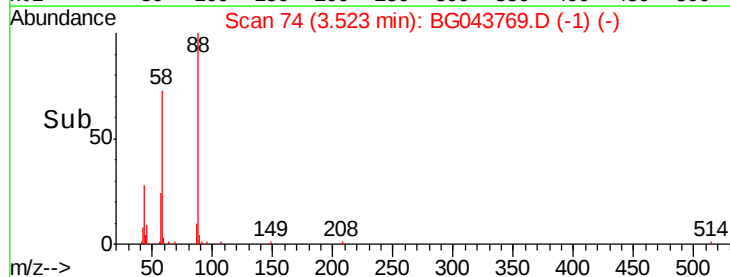
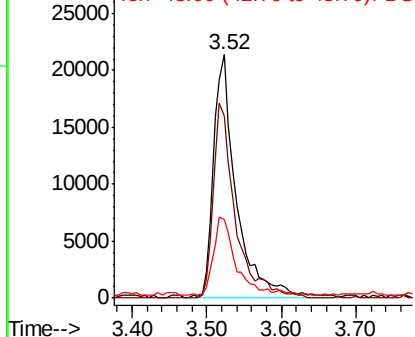


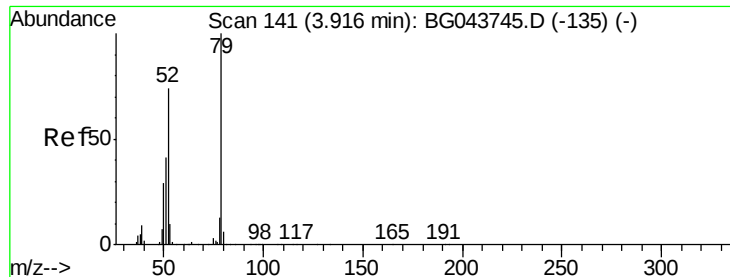
Abundance

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: 48.952 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

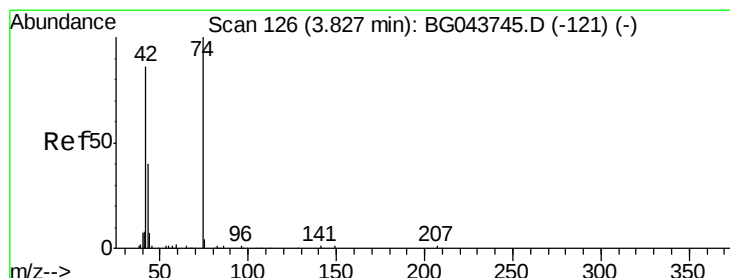
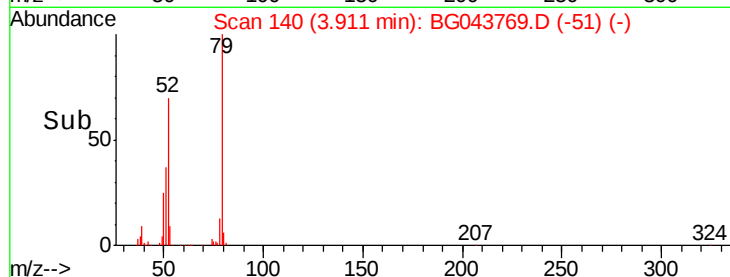
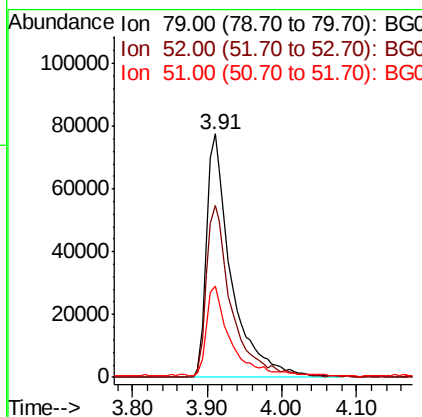
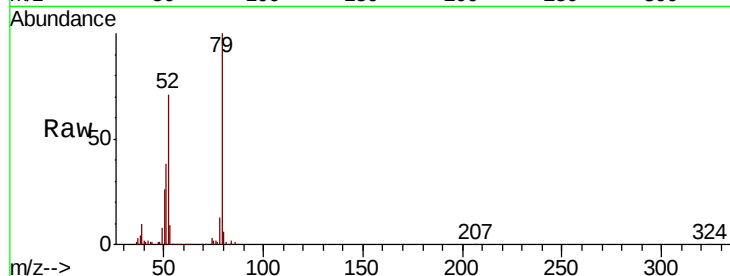
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	178712
Ion	Ratio	Lower	Upper
79	100		
52	70.6	59.0	88.6
51	37.8	32.9	49.3

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM



#4

n-Nitrosodimethylamine

Concen: 39.781 ng

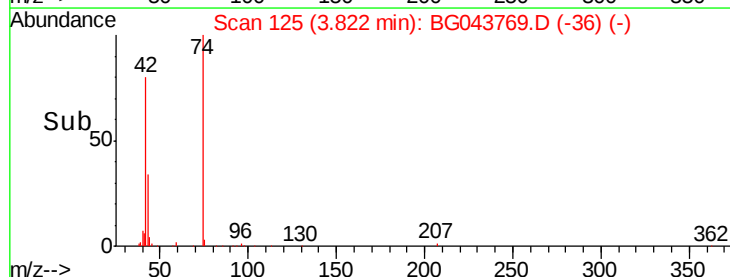
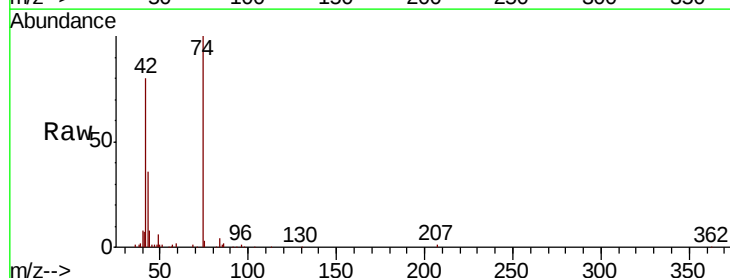
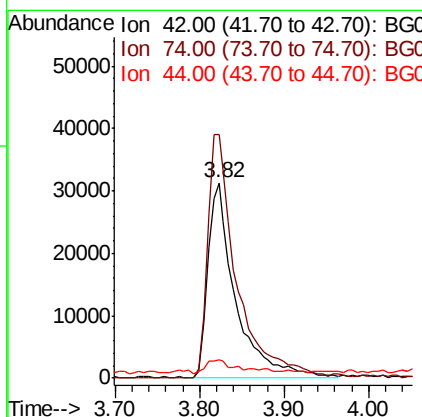
RT: 3.82 min Scan# 125

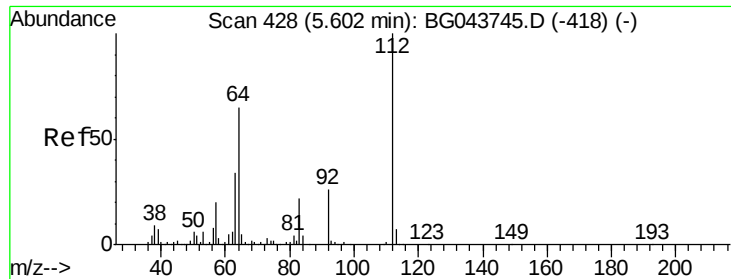
Delta R.T. -0.00 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Tgt Ion:	42	Resp:	72144
Ion	Ratio	Lower	Upper
42	100		
74	124.6	91.9	137.9
44	9.4	9.1	13.7





#5

2-Fluorophenol

Concen: 81.992 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

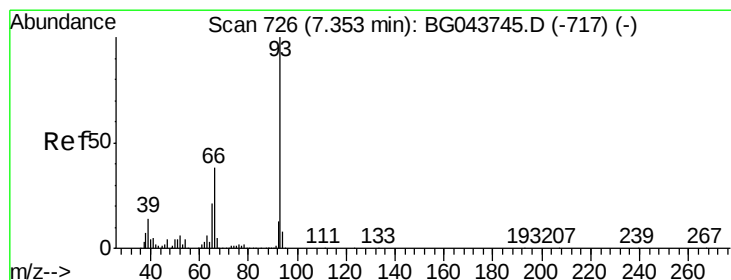
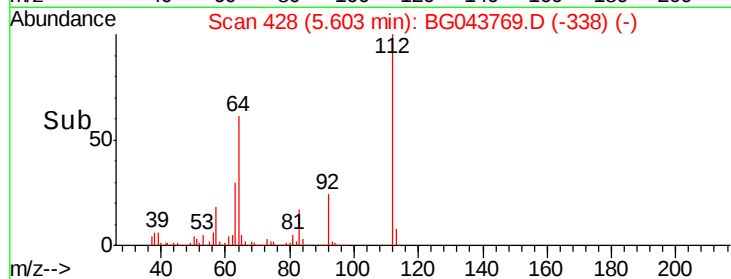
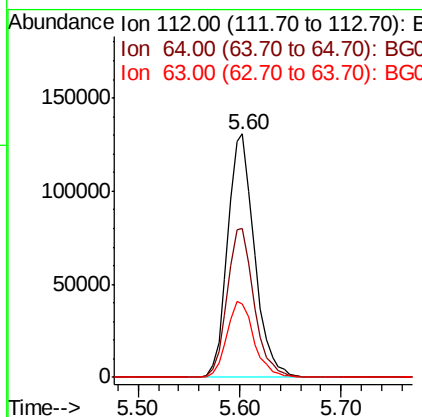
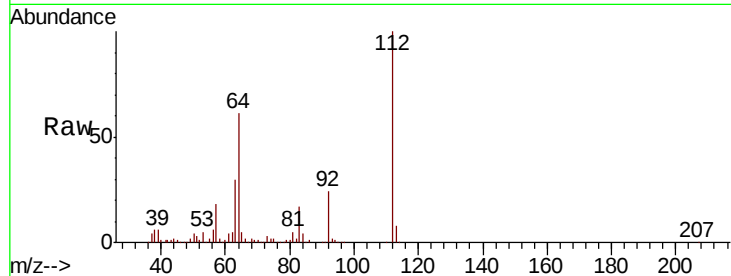
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	239758
Ion Ratio	Lower	Upper	
112	100		
64	61.0	51.7	77.5
63	30.4	26.8	40.2

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM



#6

Aniline

Concen: 48.752 ng

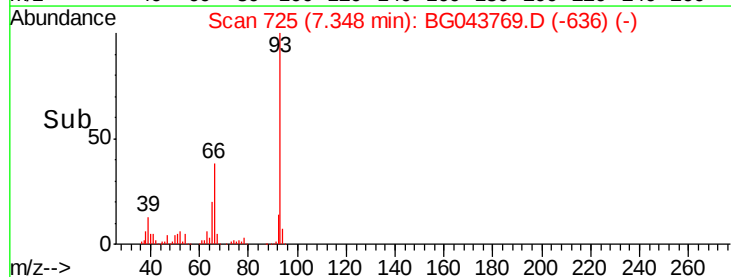
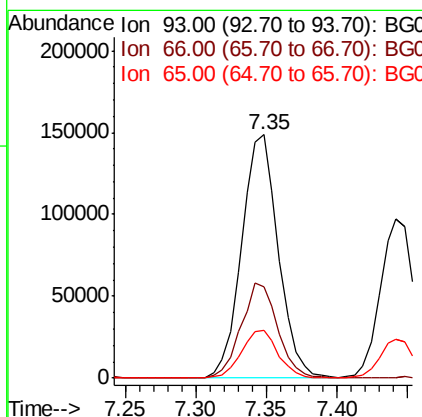
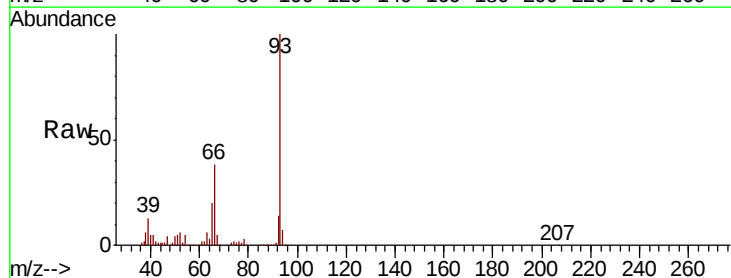
RT: 7.35 min Scan# 725

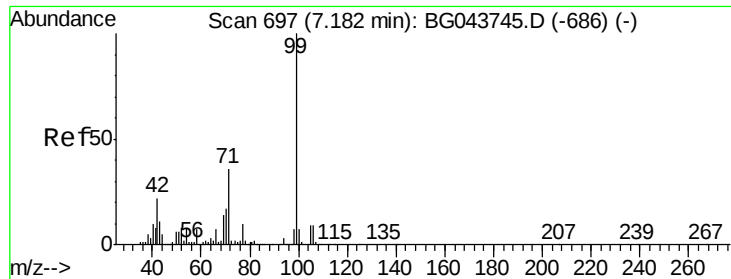
Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Tgt Ion:	93	Resp:	270058
Ion Ratio	Lower	Upper	
93	100		
66	37.7	30.6	46.0
65	19.6	16.8	25.2





#7

Phenol-d6

Concen: 98.108 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

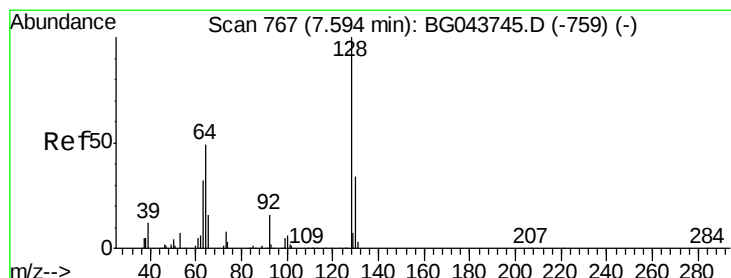
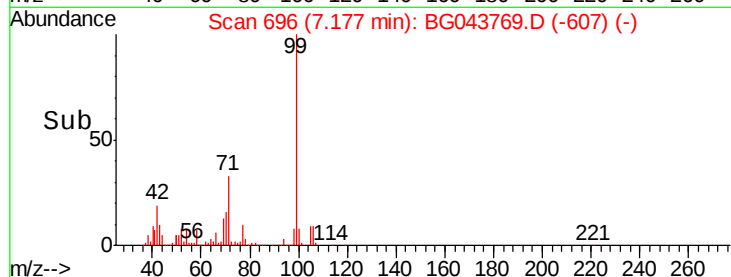
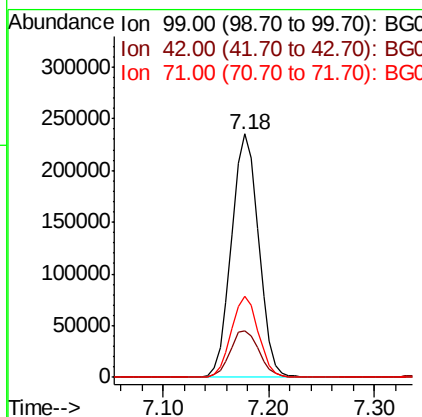
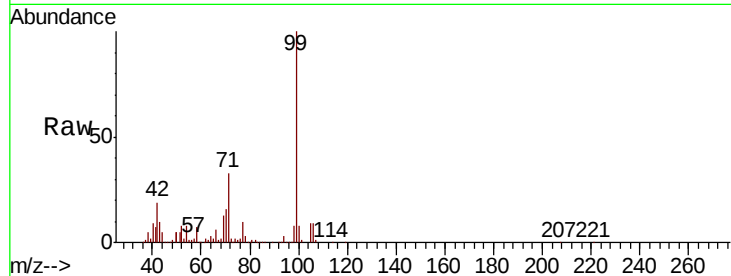
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	417036
Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.4	26.0
71	33.1	29.5	44.3

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM



#8

2-Chlorophenol

Concen: 45.238 ng

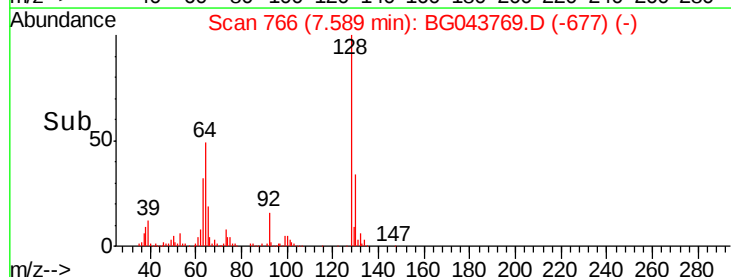
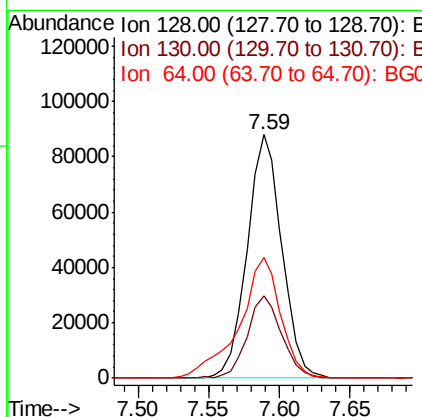
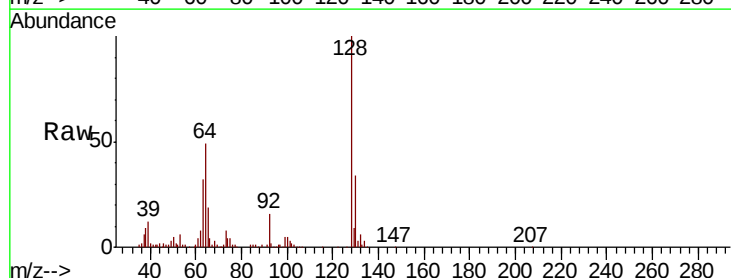
RT: 7.59 min Scan# 766

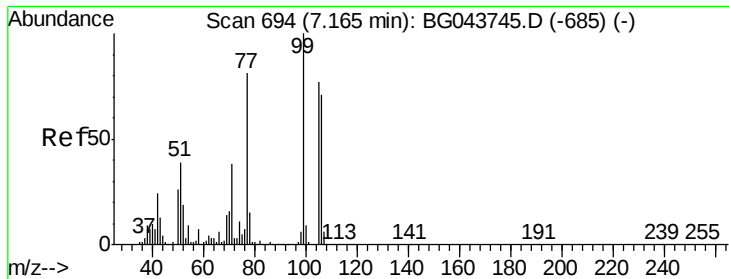
Delta R.T. -0.00 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Tgt Ion:	128	Resp:	150876
Ion	Ratio	Lower	Upper
128	100		
130	33.6	14.3	54.3
64	49.5	34.5	74.5





#9

Benzaldehyde

Concen: 49.822 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

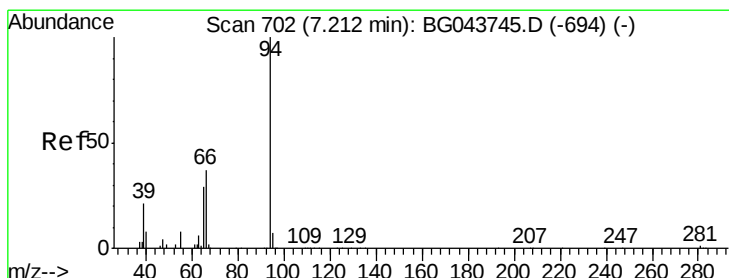
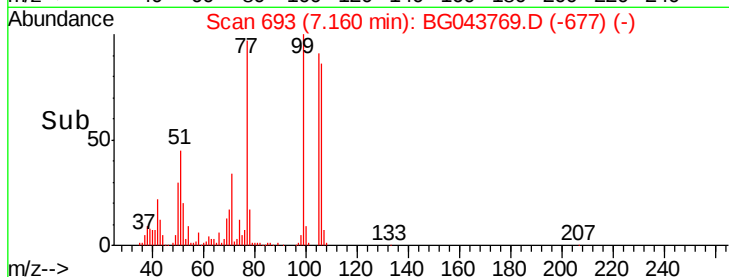
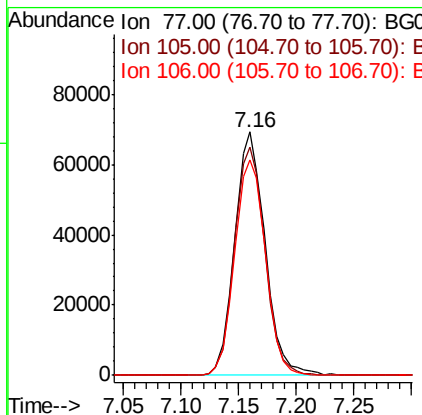
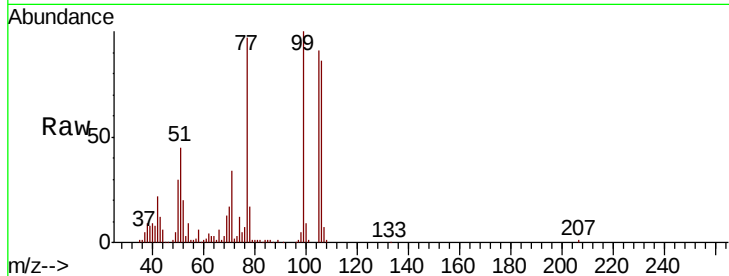
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	126504
Ion Ratio	Lower	Upper	
77	100		
105	93.6	75.0	115.0
106	88.6	67.4	107.4

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM



#10

Phenol

Concen: 49.375 ng

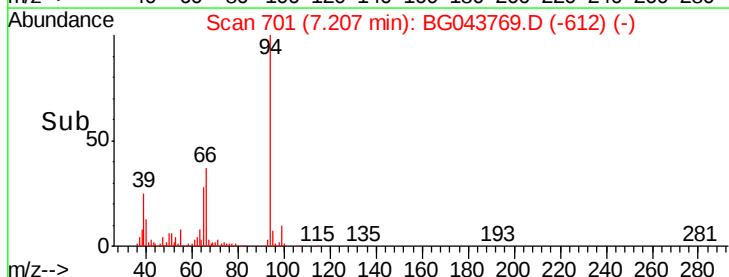
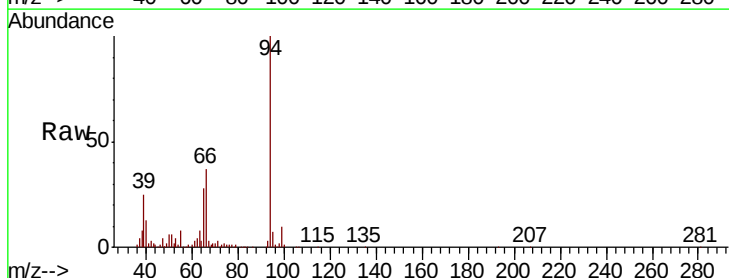
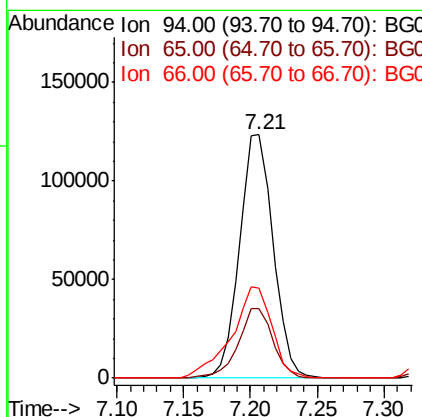
RT: 7.21 min Scan# 701

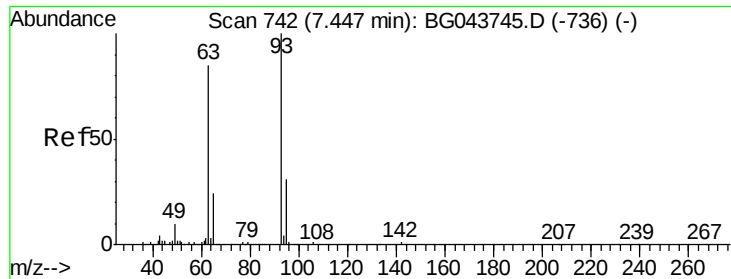
Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Tgt Ion:	94	Resp:	215461
Ion Ratio	Lower	Upper	
94	100		
65	28.3	10.3	50.3
66	36.8	20.5	60.5





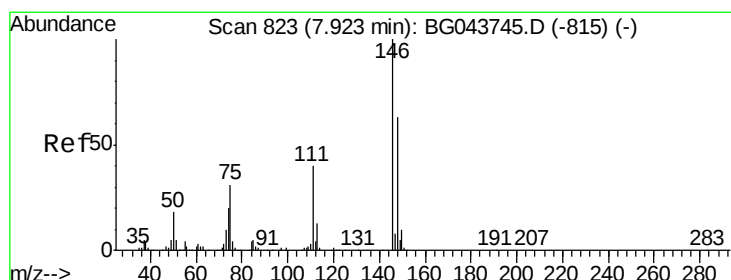
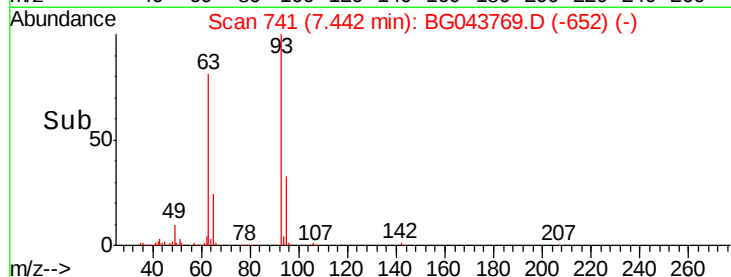
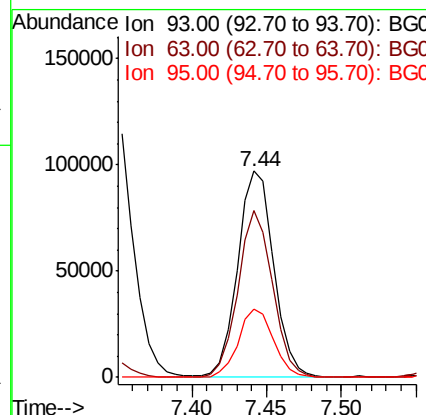
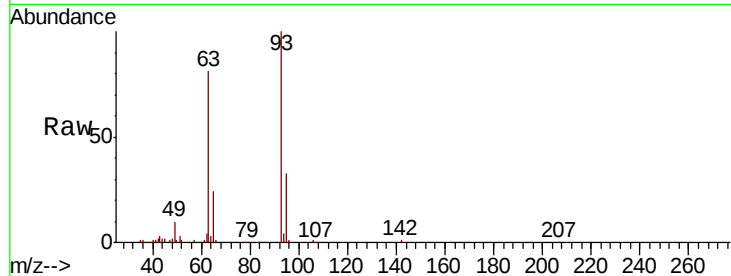
#11
bis(2-Chloroethyl)ether
Concen: 44.360 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.6	64.4	104.4
95	32.9	11.3	51.3

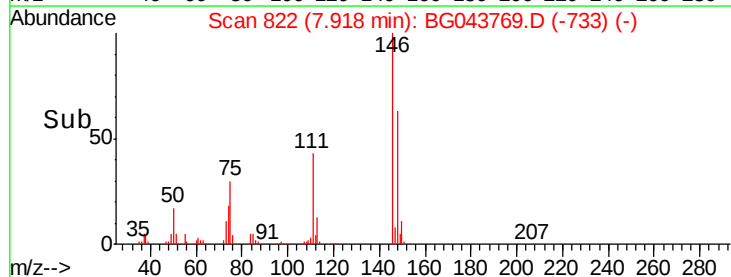
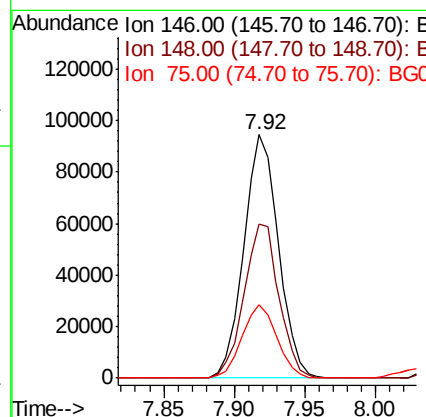
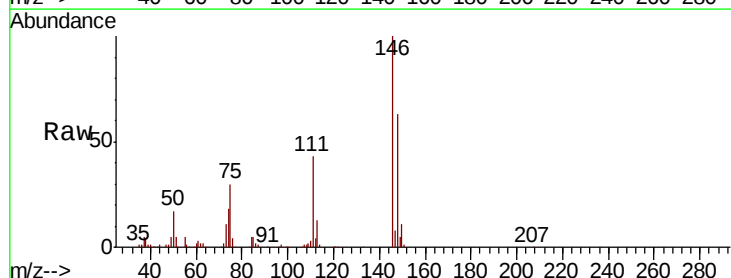
Manual Integrations
APPROVED

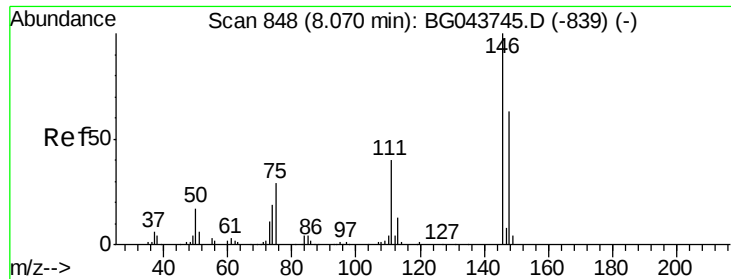
mohammad
11/26/2019 12:48:46 PM



#12
1,3-Dichlorobenzene
Concen: 41.300 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	30.4	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 41.481 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

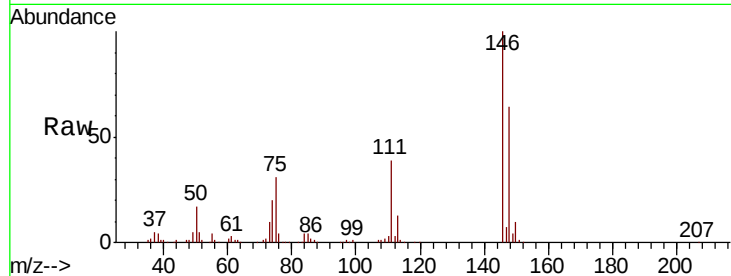
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.1	75.1
111	38.8	32.1	48.1

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM

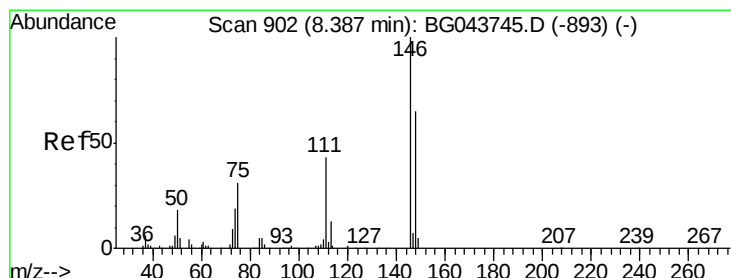
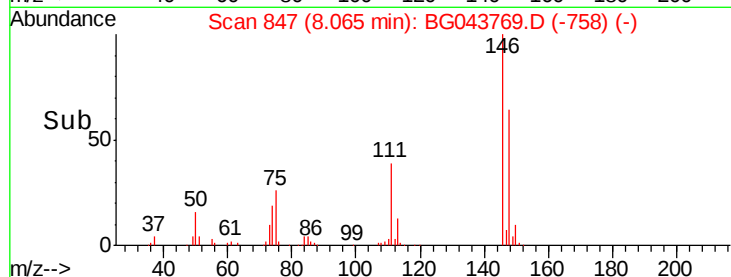
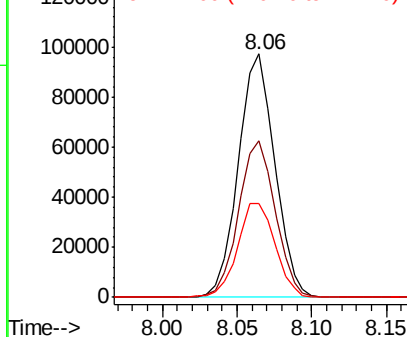


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.084 ng

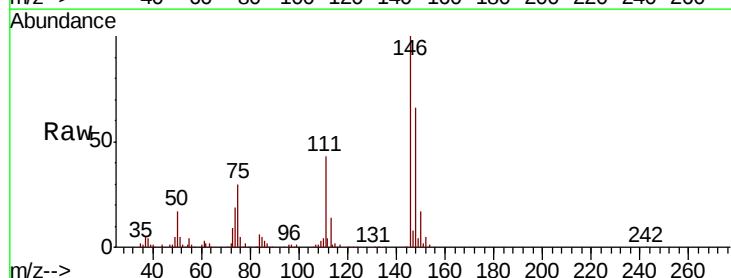
RT: 8.38 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.1	78.1
111	43.2	34.7	52.1

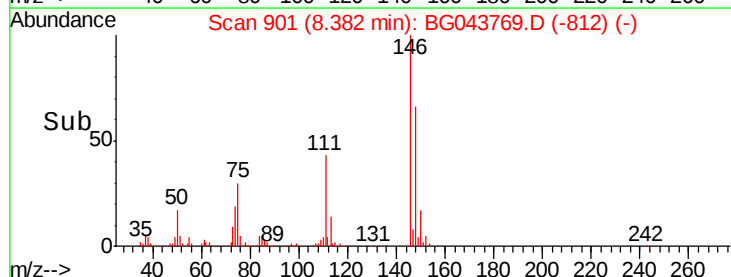
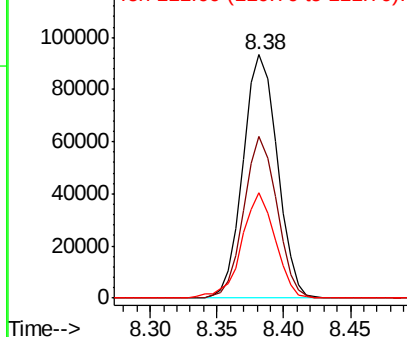


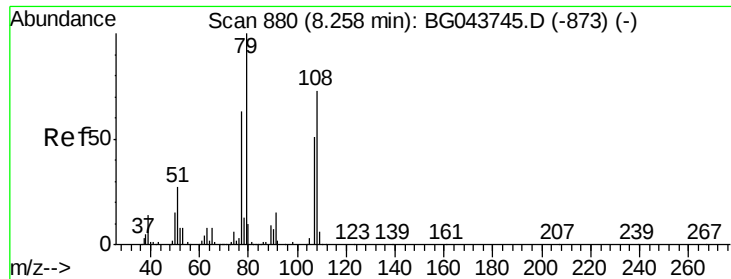
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.984 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

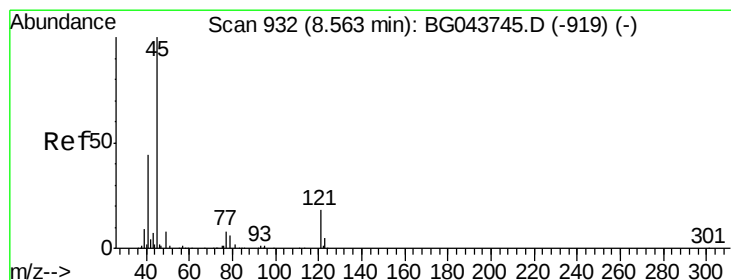
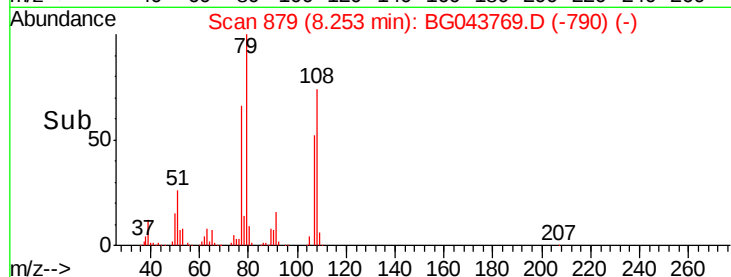
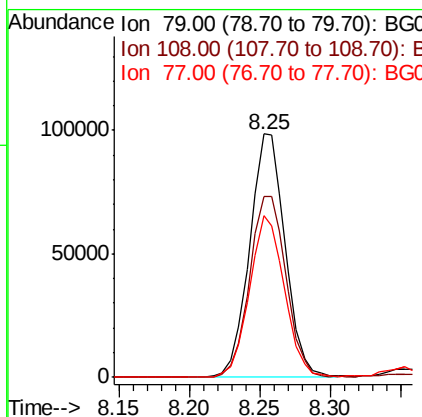
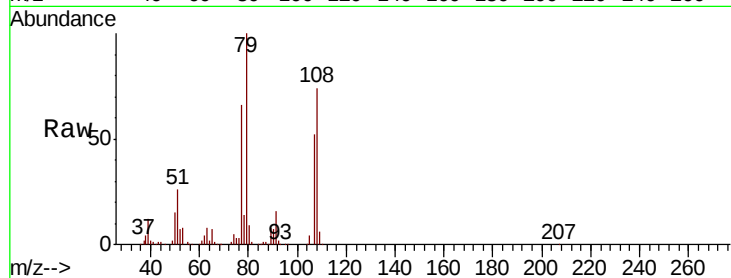
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	173917
Ion Ratio	Lower	Upper	
79	100		
108	74.3	58.2	87.2
77	66.3	50.2	75.4

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.828 ng

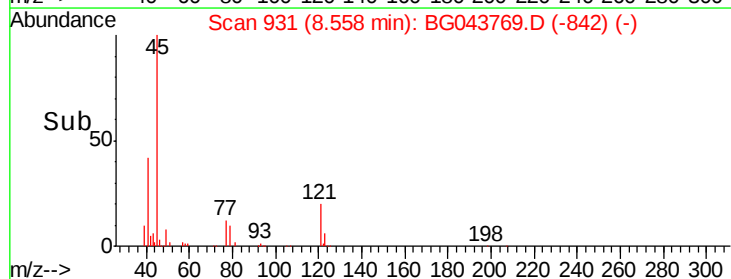
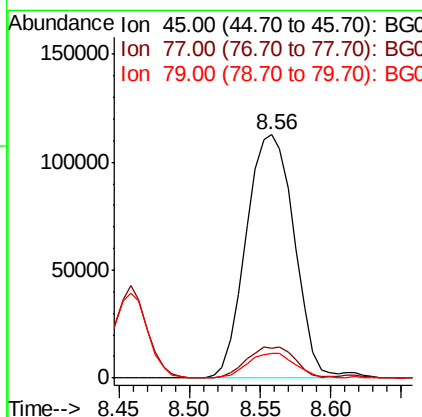
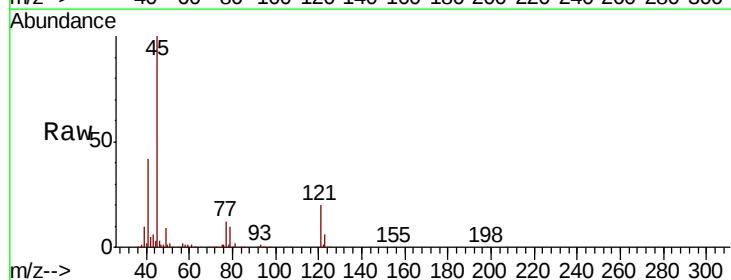
RT: 8.56 min Scan# 931

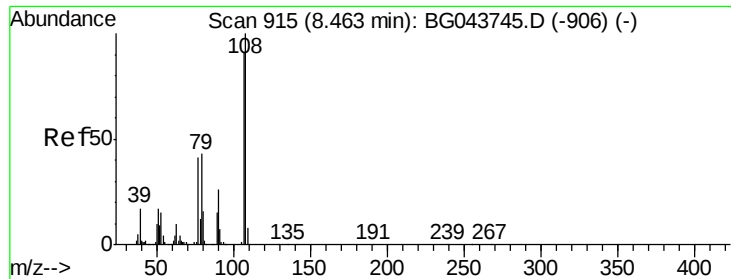
Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Tgt Ion:	45	Resp:	268242
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	32.2
79	10.2	0.0	29.9





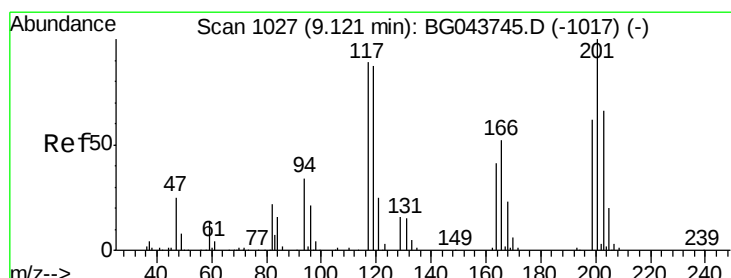
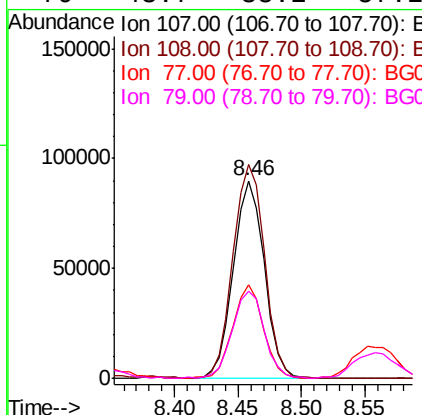
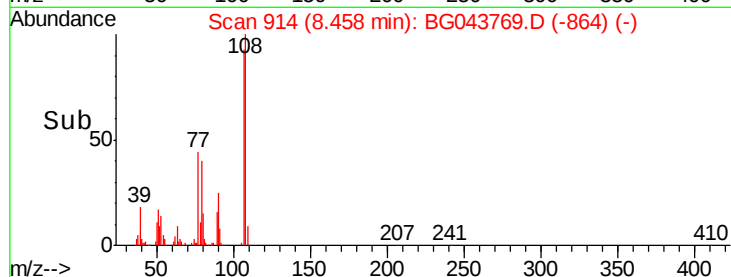
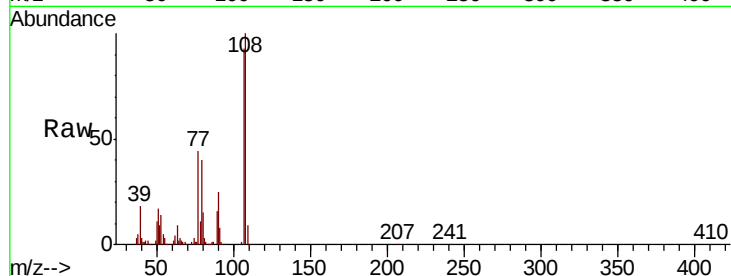
#17
2-Methylphenol
Concen: 48.846 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.0	88.0	132.0	
77	47.4	35.9	53.9	
79	43.7	38.2	57.2	

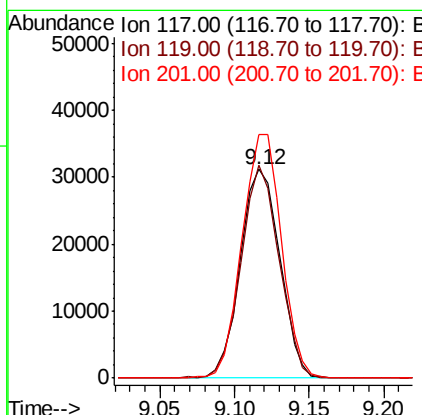
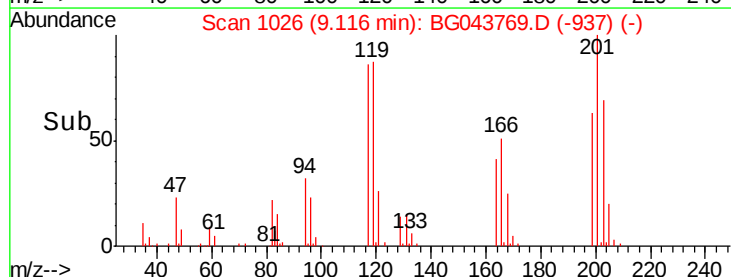
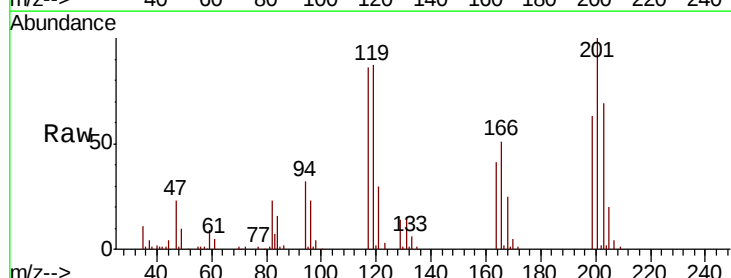
Manual Integrations
APPROVED

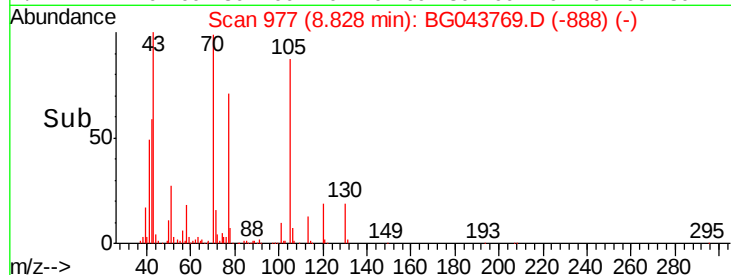
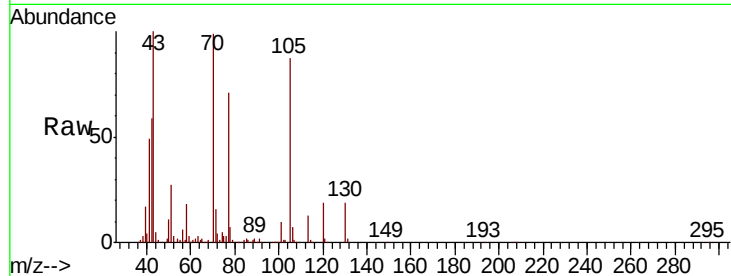
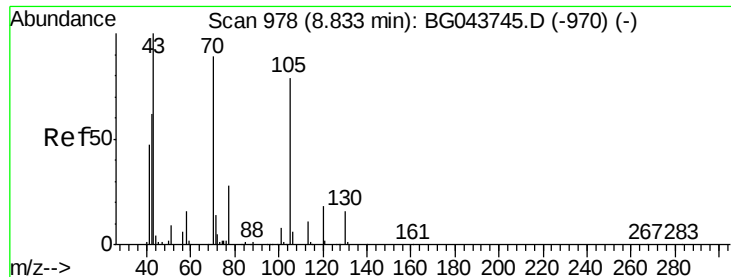
mohammad
11/26/2019 12:48:46 PM



#18
Hexachloroethane
Concen: 38.139 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.9	77.7	116.5	
201	116.8	89.4	134.0	





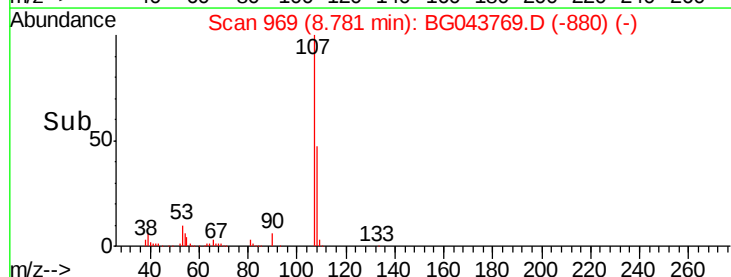
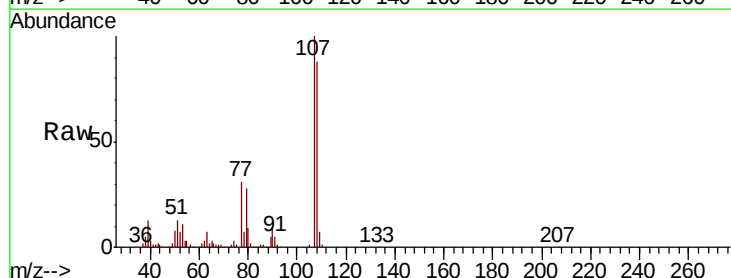
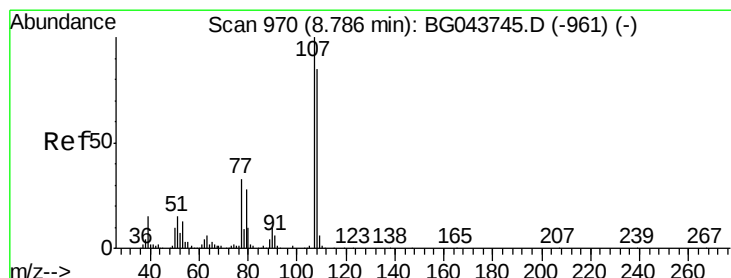
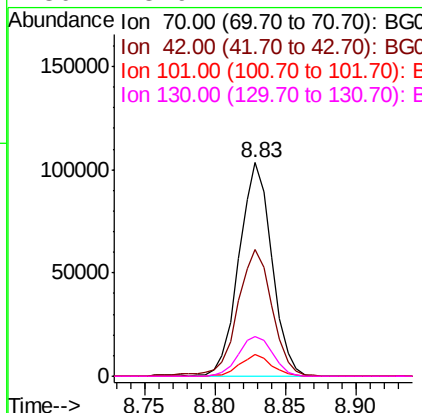
#19
n-Nitroso-di-n-propylamine
Concen: 50.328 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.5	56.4	84.6	
101	9.9	6.7	10.1	
130	18.9	14.7	22.1	

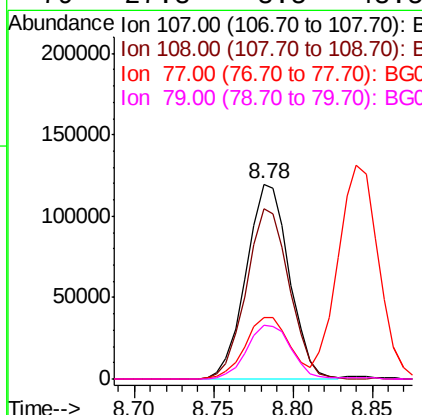
Manual Integrations
APPROVED

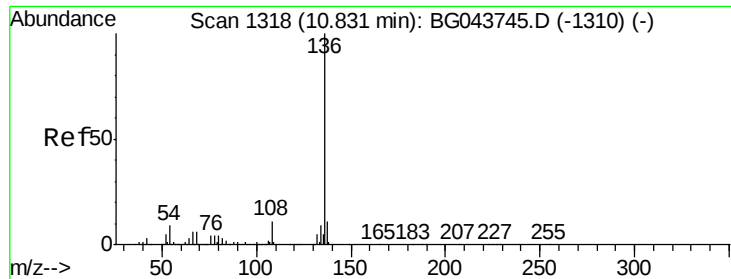
mohammad
11/26/2019 12:48:46 PM



#20
3+4-Methylphenols
Concen: 51.880 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	64.6	104.6	
77	31.3	13.7	53.7	
79	27.8	8.5	48.5	





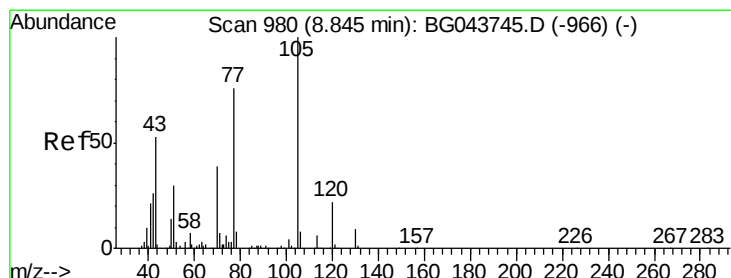
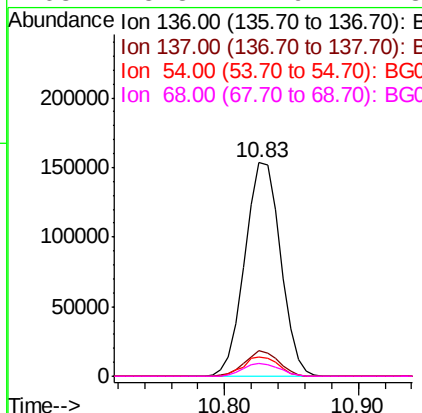
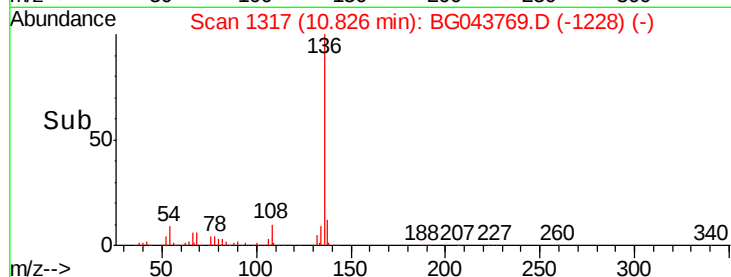
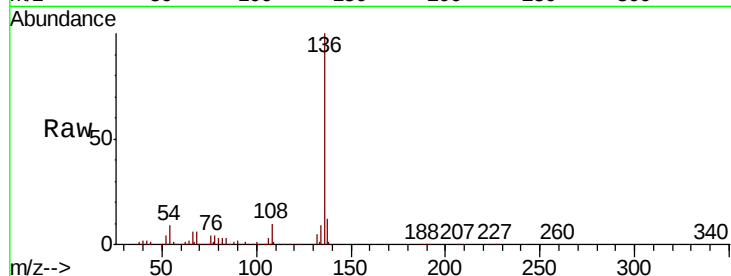
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	283905		
137	12.0	8.8	13.2	
54	8.8	7.5	11.3	
68	5.8	4.9	7.3	

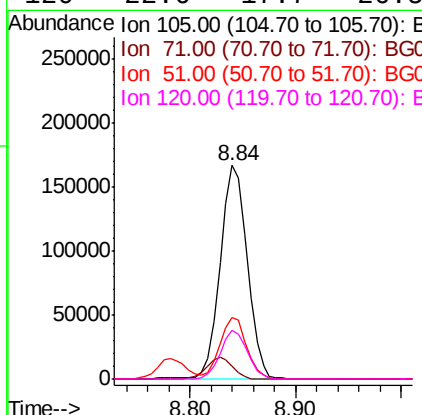
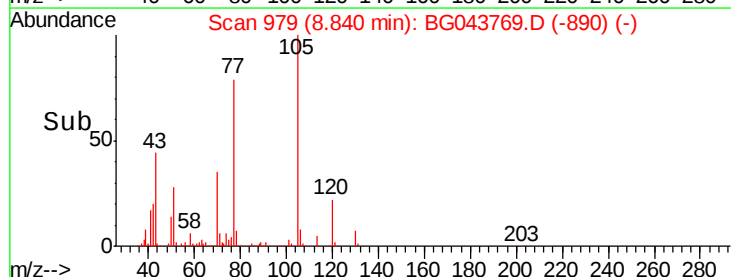
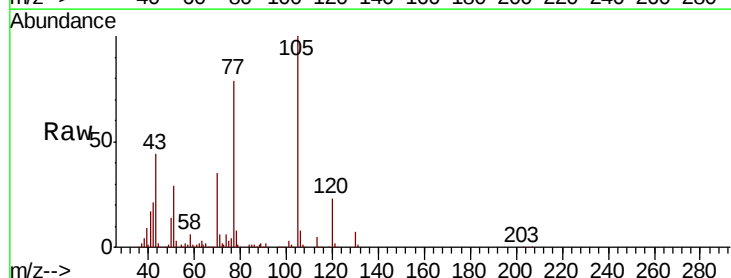
Manual Integrations
APPROVED

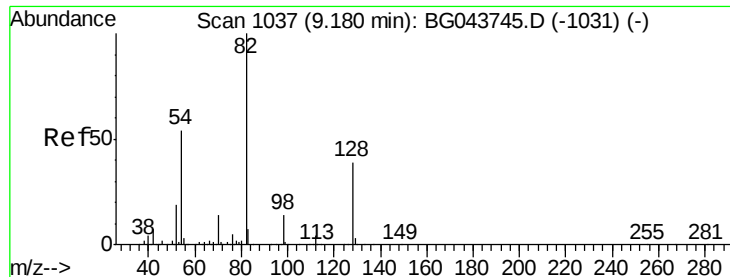
mohammad
11/26/2019 12:48:46 PM



#22
Acetophenone
Concen: 39.270 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	295498		
71	5.9	6.3	9.5#	
51	28.6	24.7	37.1	
120	22.6	17.7	26.5	





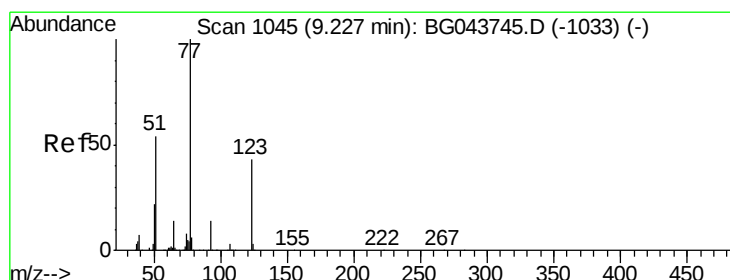
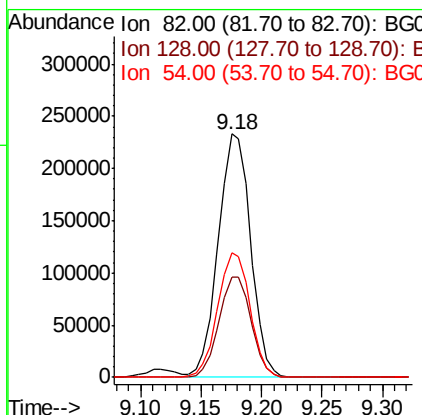
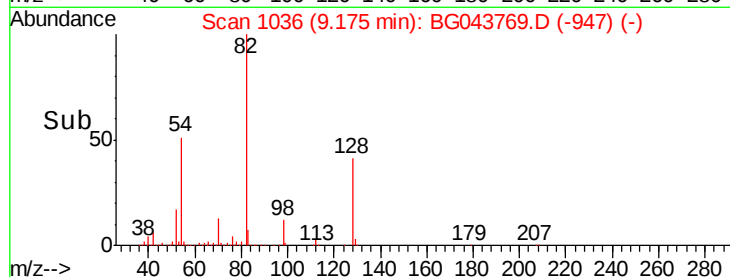
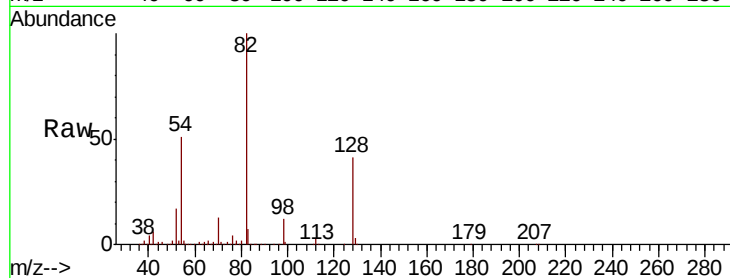
#23
Nitrobenzene-d5
Concen: 83.324 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.3	46.9
54	51.4	42.7	64.1

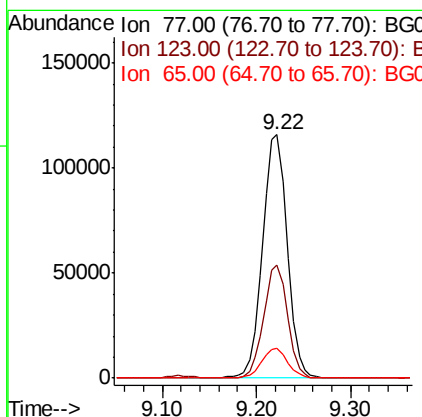
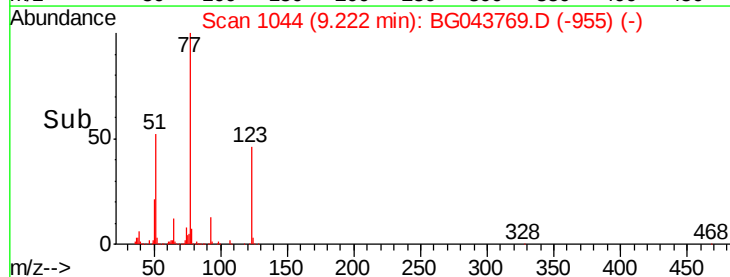
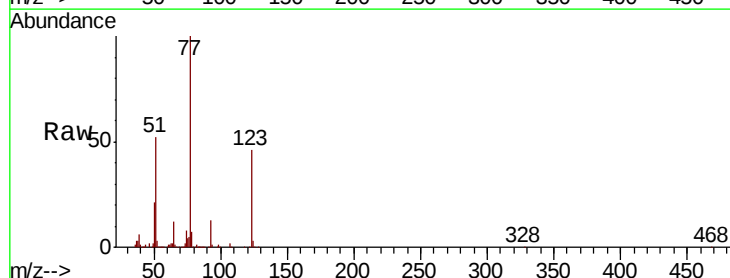
Manual Integrations
APPROVED

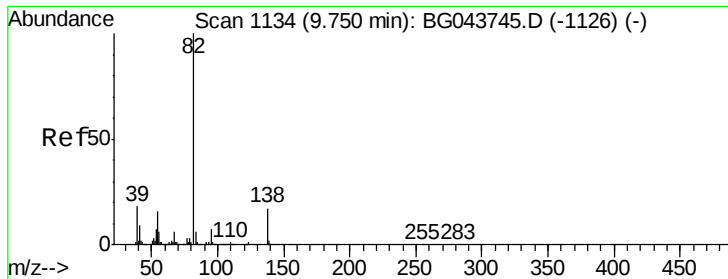
mohammad
11/26/2019 12:48:46 PM



#24
Nitrobenzene
Concen: 39.730 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	34.7	52.1
65	12.1	11.0	16.6





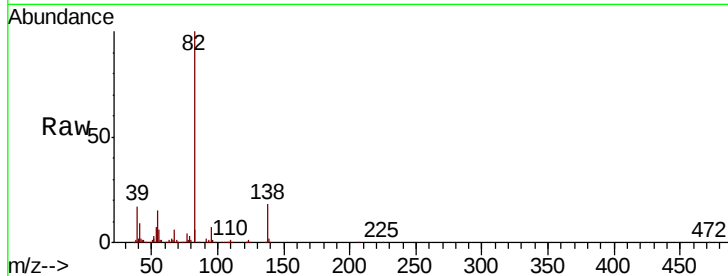
#25
Isophorone
Concen: 42.241 ng
RT: 9.74 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

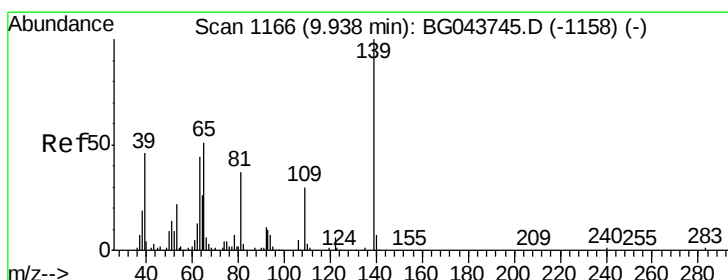
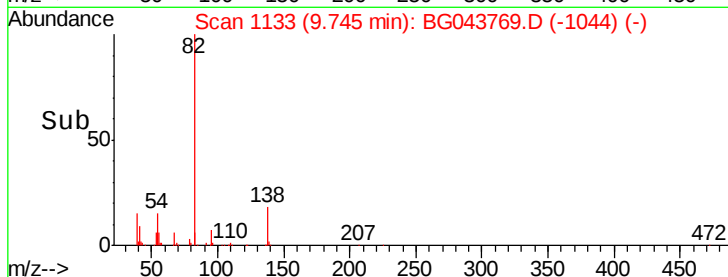
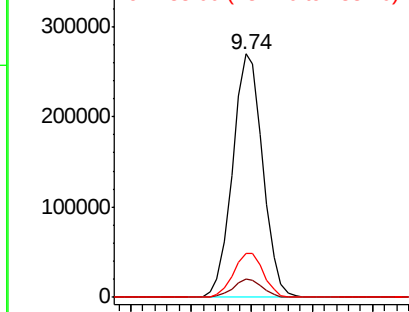
Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100		467689		
95	7.5		5.9	8.9	
138	18.2		13.3	19.9	

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM

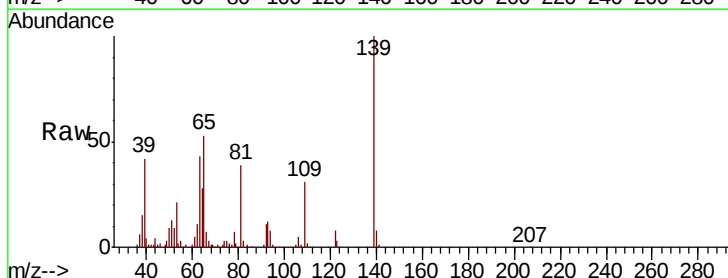


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

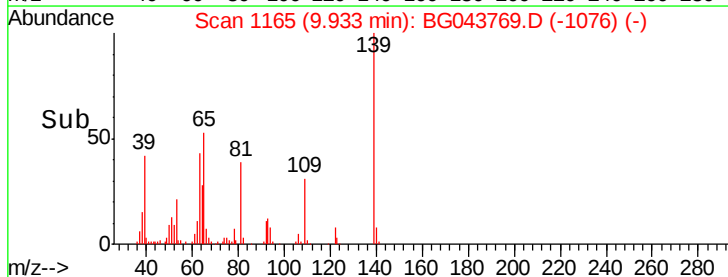
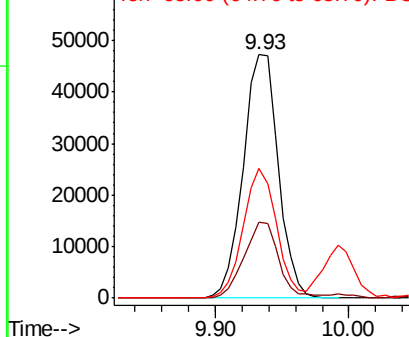


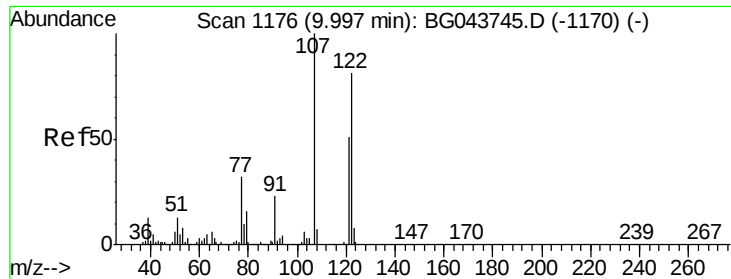
#26
2-Nitrophenol
Concen: 44.634 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100		85470		
109	31.2		24.1	36.1	
65	53.2		41.1	61.7	



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





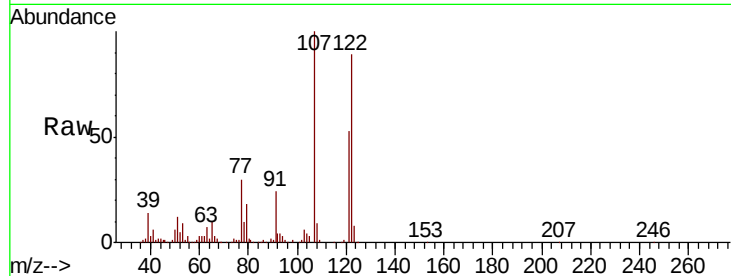
#27
2,4-Dimethylphenol
Concen: 41.733 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

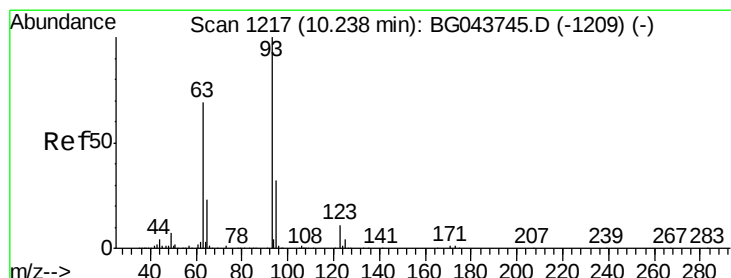
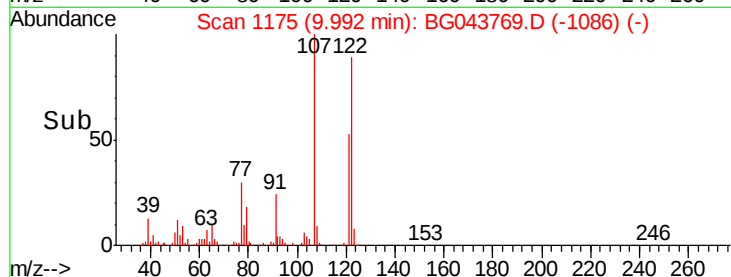
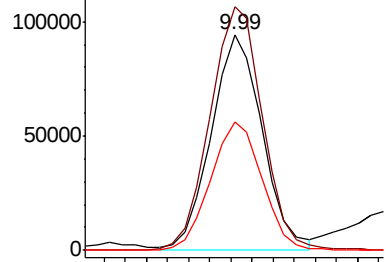
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	98.5	147.7
121	59.8	49.6	74.4

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM

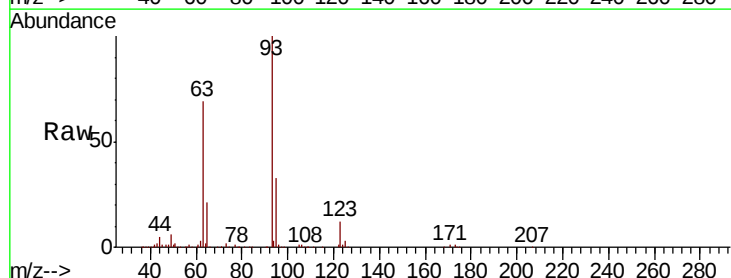


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

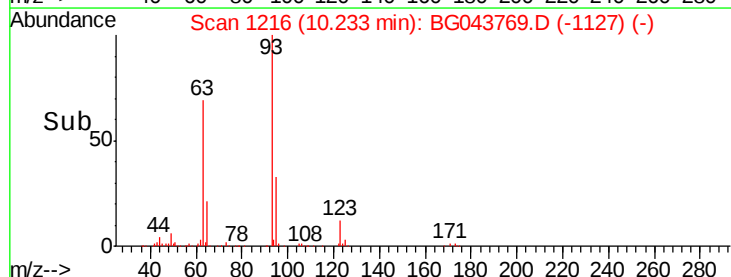
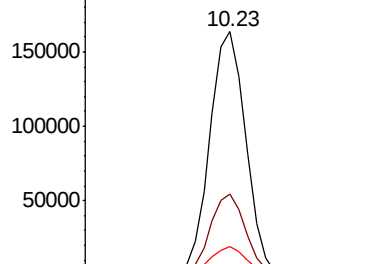


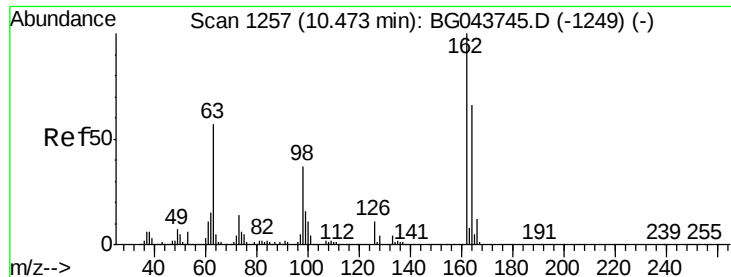
#28
bis(2-Chloroethoxy)methane
Concen: 40.341 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.0	39.0
123	11.5	8.7	13.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.559 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

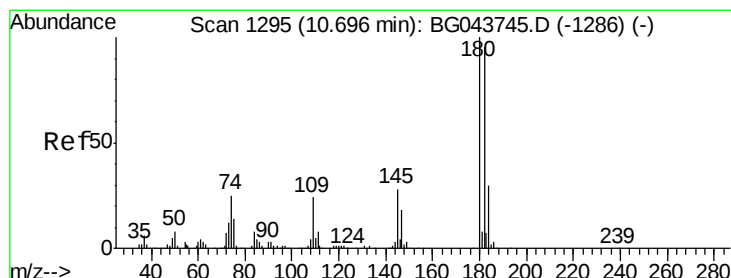
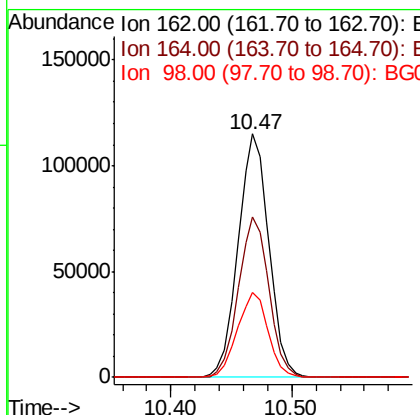
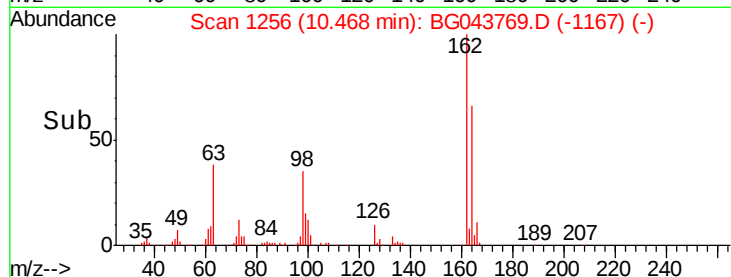
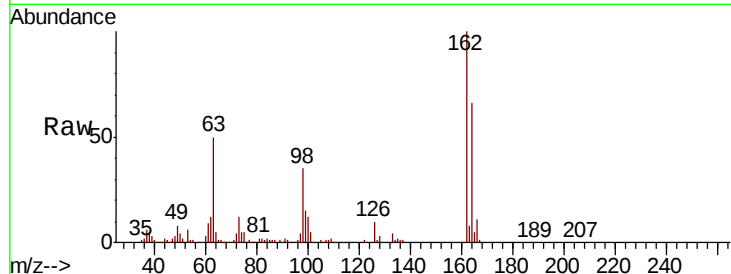
ClientSampled :

SSTDCCC040

Tot Ion:	162	Resp:	203682
Ion Ratio	Lower	Upper	
162	100		
164	65.7	46.4	86.4
98	34.8	17.3	57.3

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM



#30

1,2,4-Trichlorobenzene

Concen: 38.321 ng

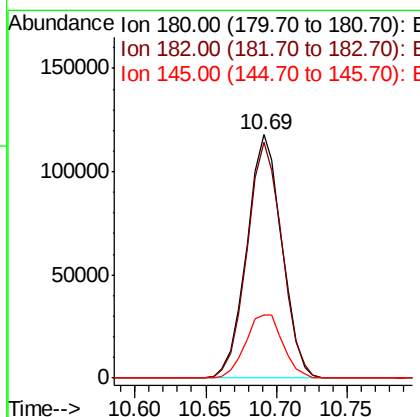
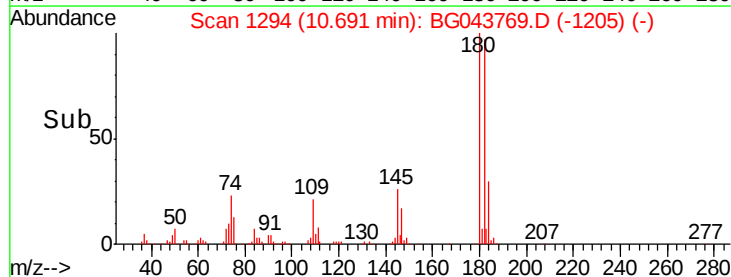
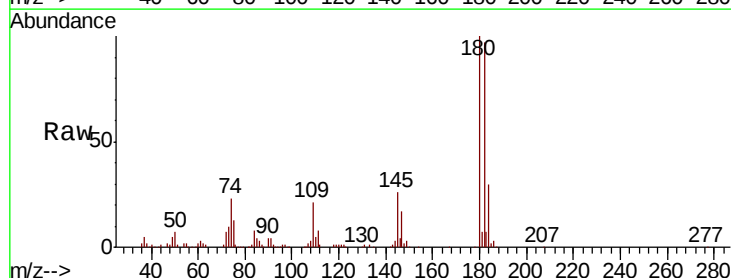
RT: 10.69 min Scan# 1294

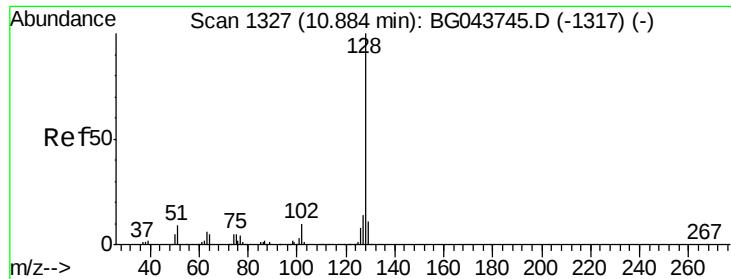
Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Tgt Ion:	180	Resp:	205269
Ion Ratio	Lower	Upper	
180	100		
182	96.7	75.8	113.6
145	26.0	22.5	33.7





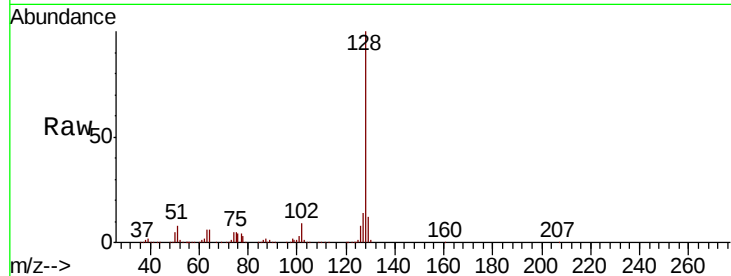
#31
Naphthalene
Concen: 41.207 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	14.4	11.4	17.0

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM

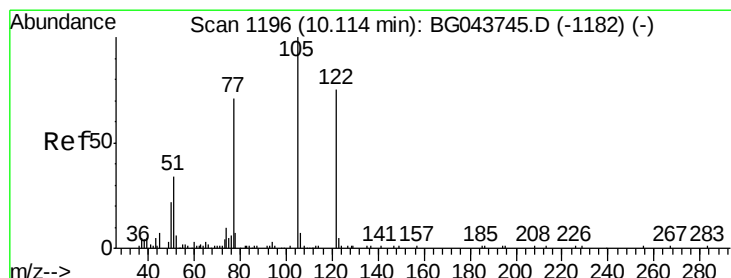
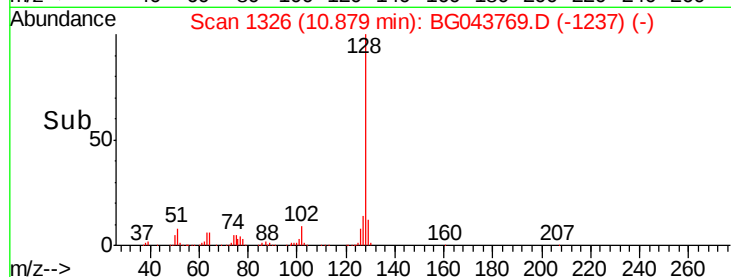
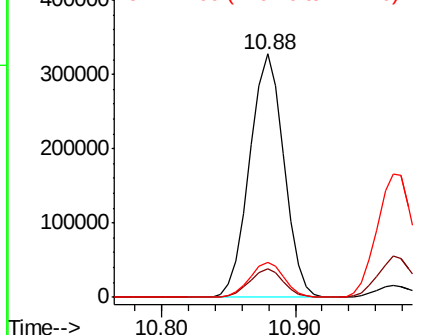


Abundance

Ion 128.00 (127.70 to 128.70): E

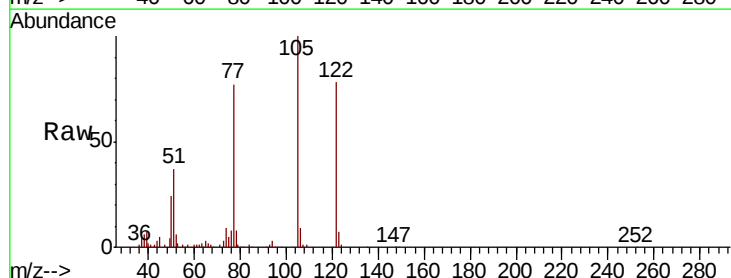
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 58.239 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.8	109.3	149.3
77	98.3	76.1	116.1

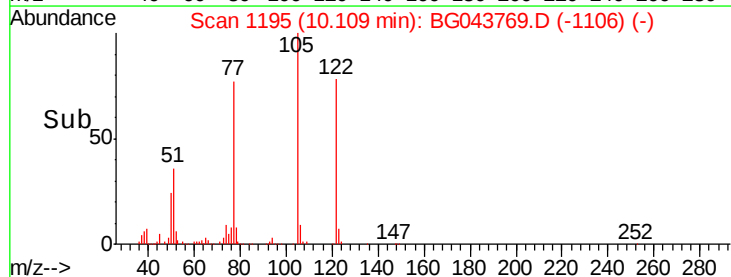
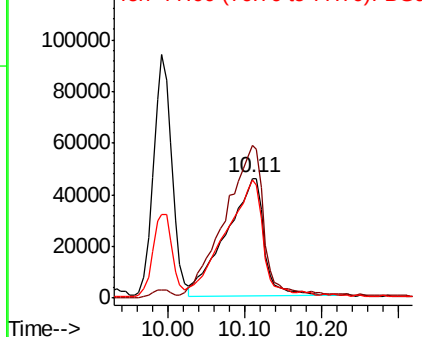


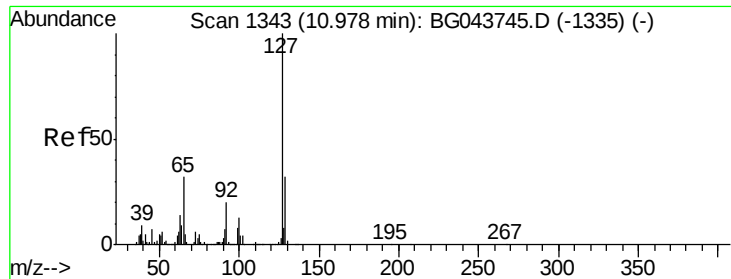
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





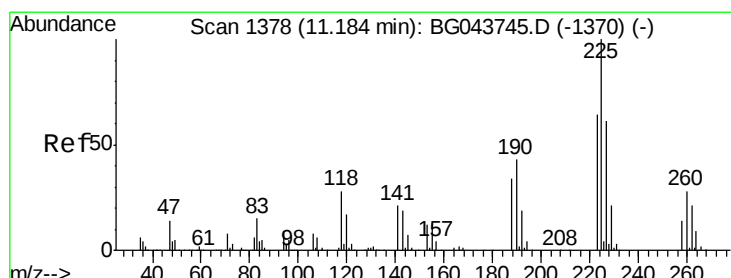
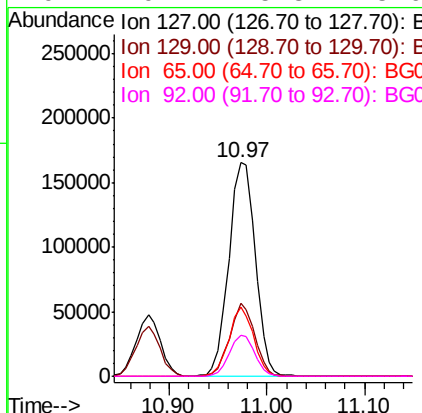
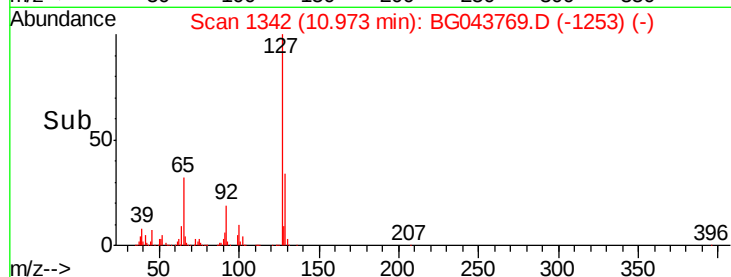
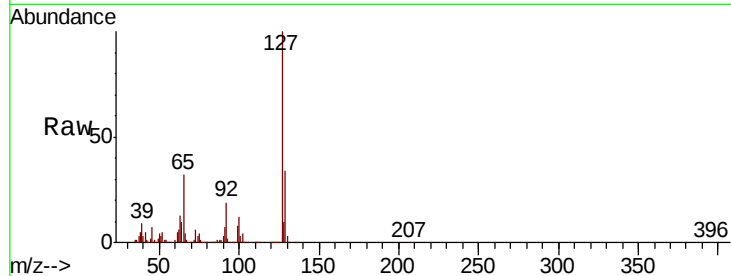
#33
4-Chloroaniline
Concen: 46.175 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		313306		
129	34.0	25.9	38.9		
65	32.5	25.8	38.8		
92	19.4	15.8	23.6		

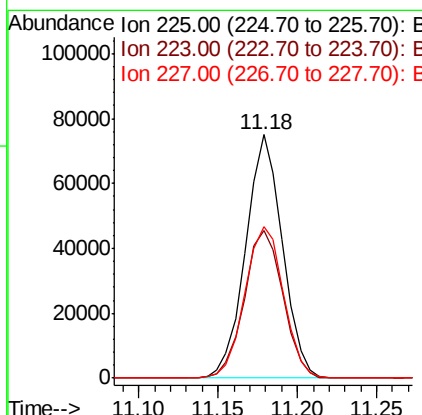
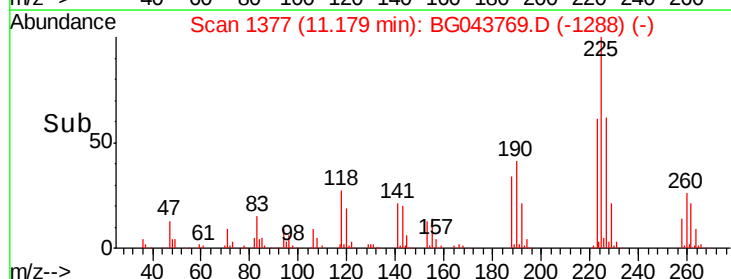
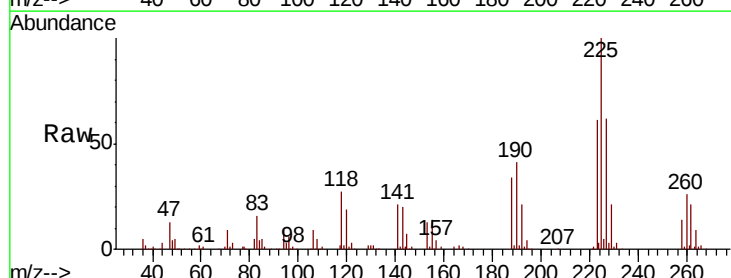
Manual Integrations
APPROVED

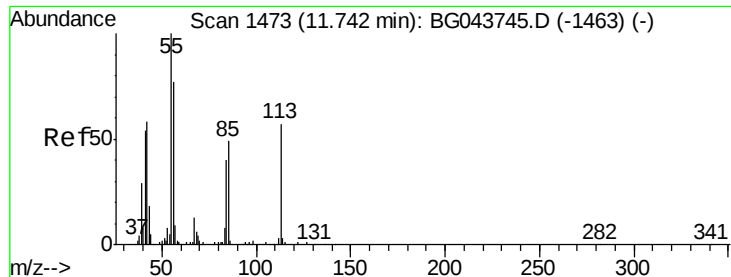
mohammad
11/26/2019 12:48:46 PM



#34
Hexachlorobutadiene
Concen: 34.375 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		121082		
223	60.8	51.2	76.8		
227	62.4	51.0	76.4		





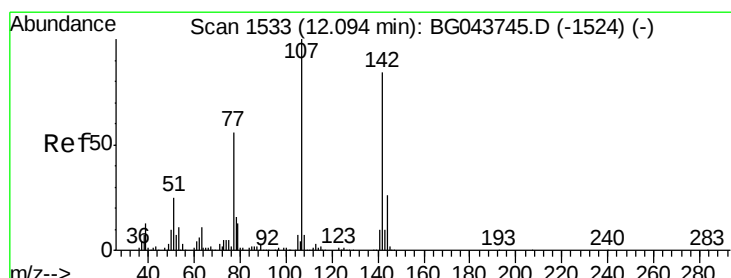
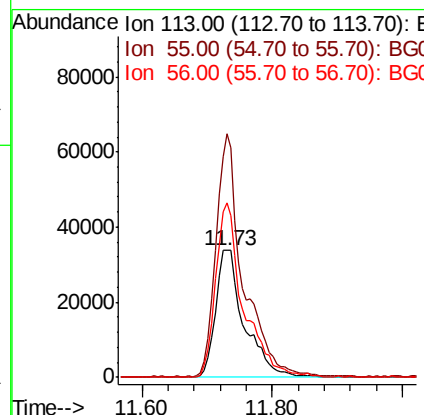
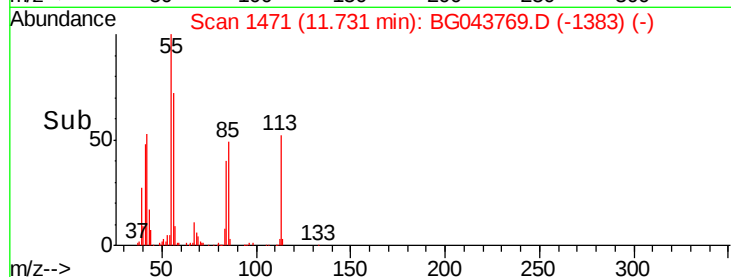
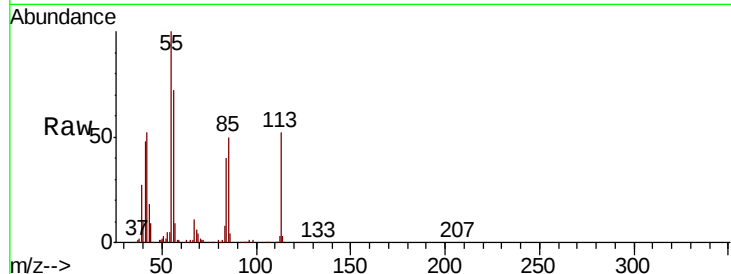
#35
Caprolactam
Concen: 55.741 ng
RT: 11.73 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	191.6	160.9	200.9
56	137.2	116.8	156.8

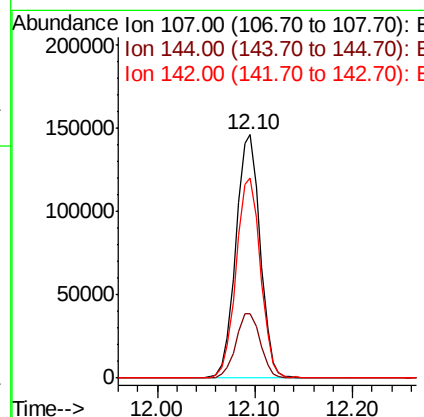
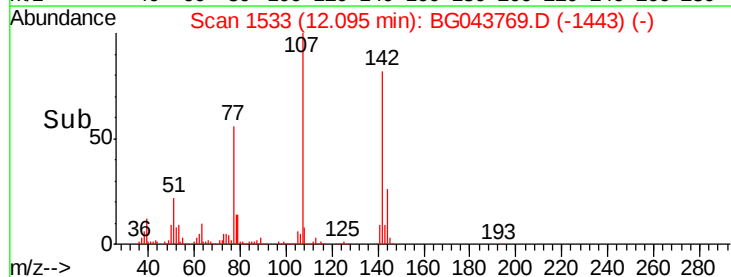
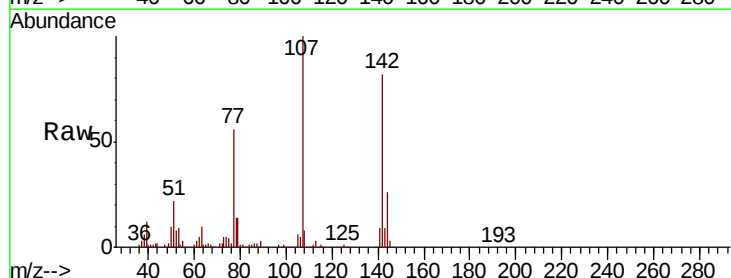
Manual Integrations
APPROVED

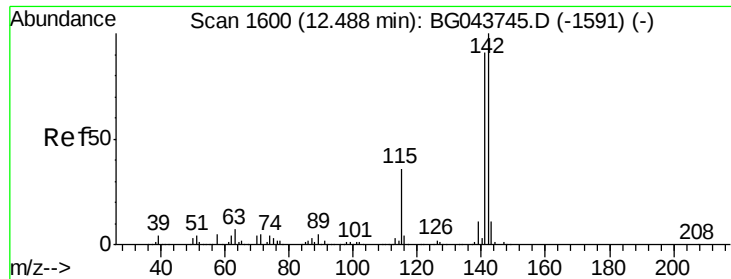
mohammad
11/26/2019 12:48:46 PM



#36
4-Chloro-3-methylphenol
Concen: 49.215 ng
RT: 12.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.0	31.4
142	82.3	67.0	100.4





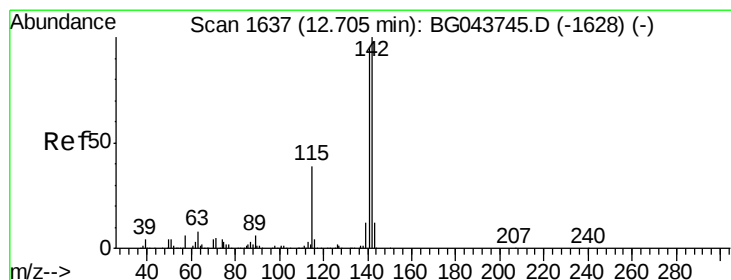
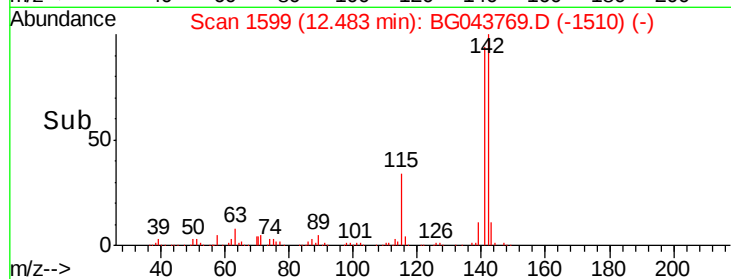
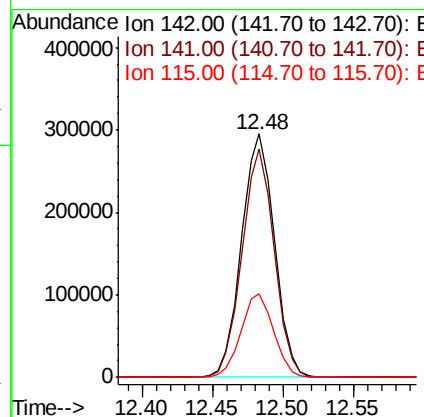
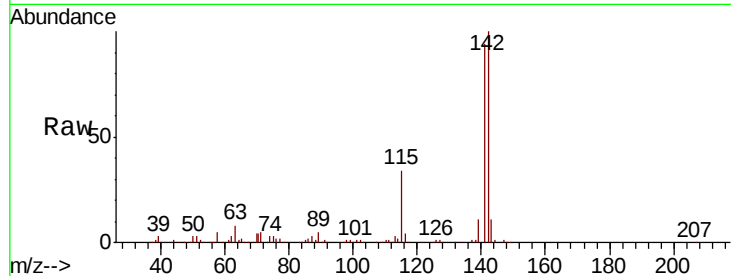
#37
2-Methylnaphthalene
Concen: 45.380 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	481617		
141	93.7	72.8	109.2	
115	34.3	28.9	43.3	

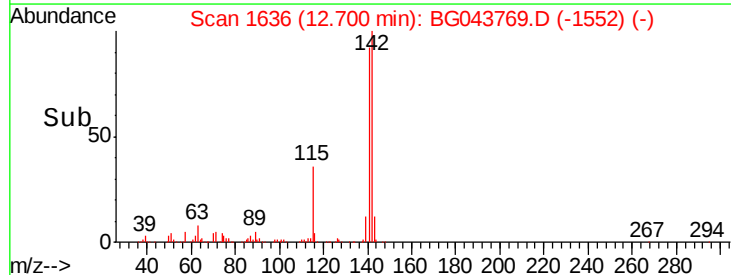
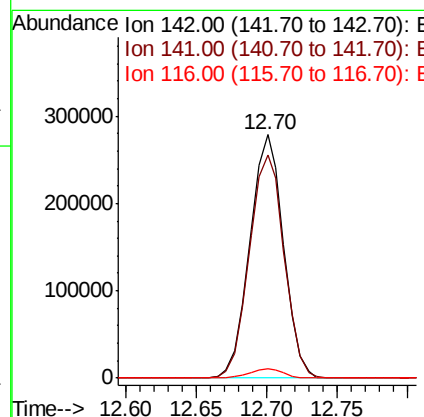
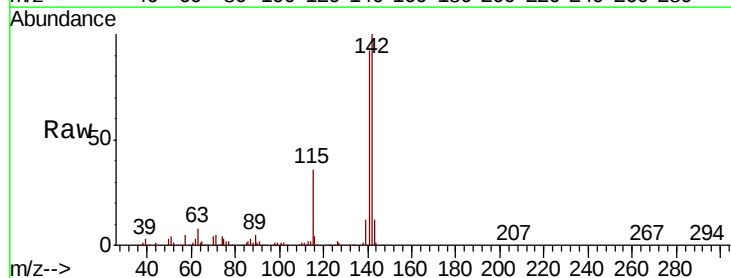
Manual Integrations
APPROVED

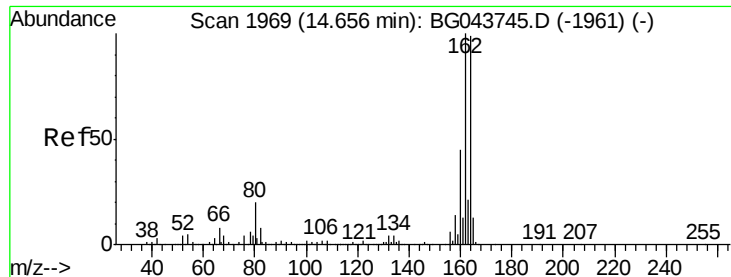
mohammad
11/26/2019 12:48:46 PM



#38
1-Methylnaphthalene
Concen: 46.217 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	465521		
141	91.8	75.8	113.8	
116	3.9	3.4	5.0	





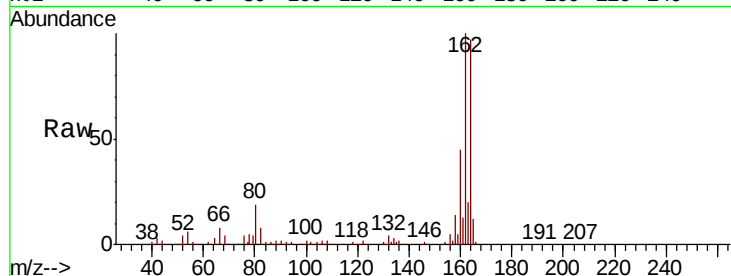
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.6	121.0
160	47.1	36.3	54.5

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM

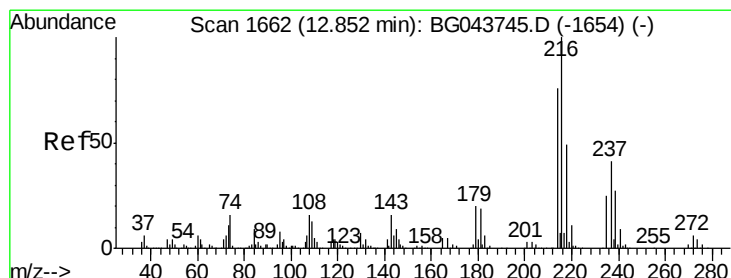
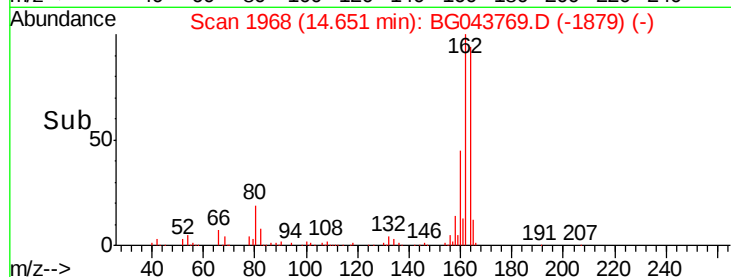
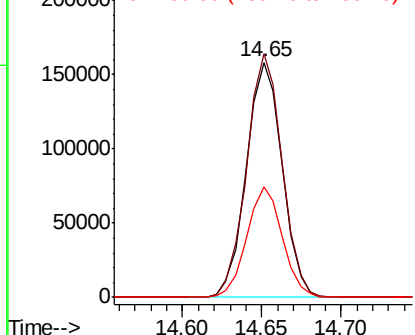


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.018 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.0	93.0
179	20.2	16.3	24.5
108	16.4	13.0	19.6

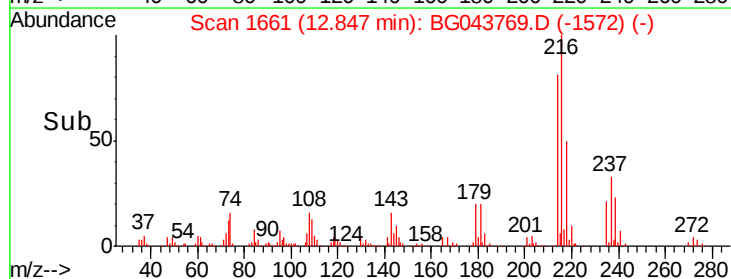
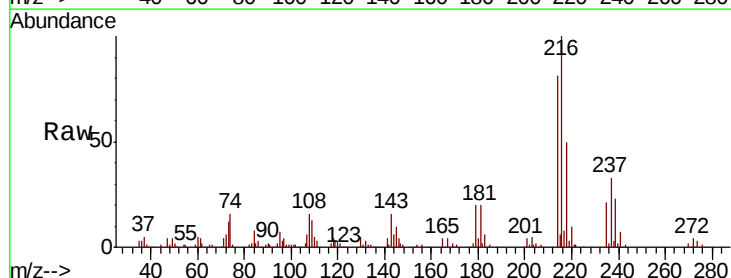
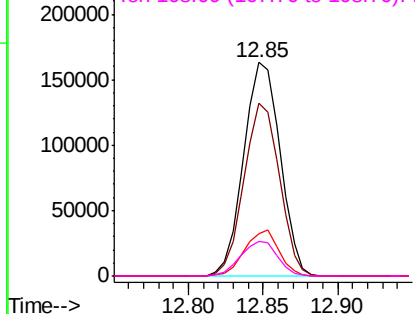
Abundance

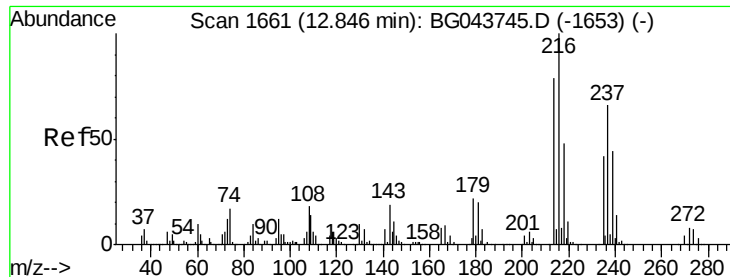
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 25.932 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

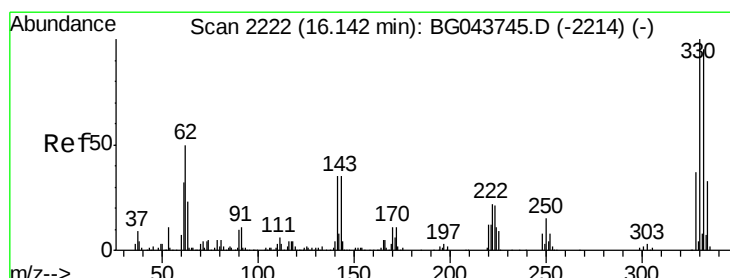
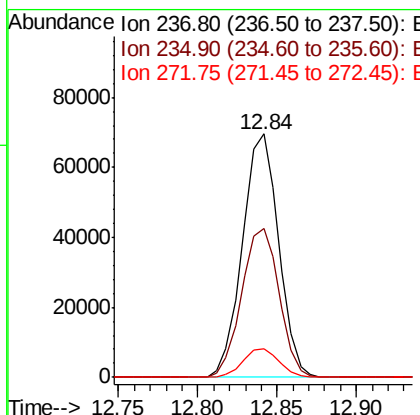
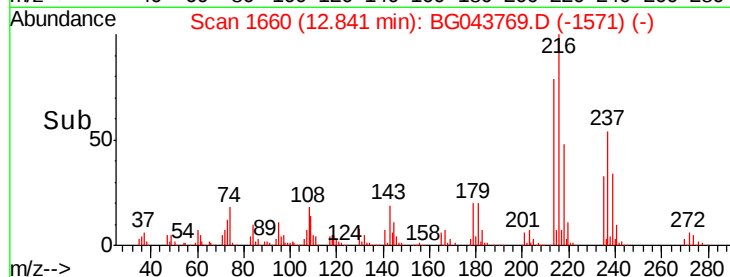
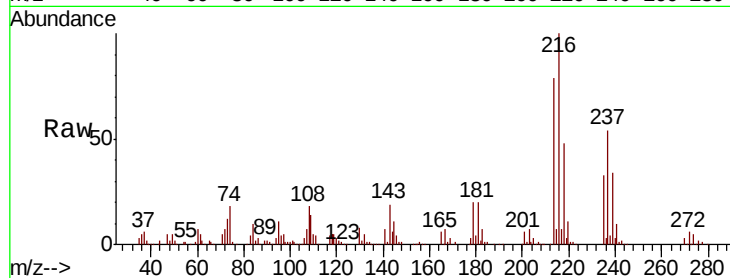
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	110516
Ion Ratio	Lower	Upper	
237	100		
235	61.1	43.8	83.8
272	11.6	0.0	31.8

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM



#42

2,4,6-Tribromophenol

Concen: 85.332 ng

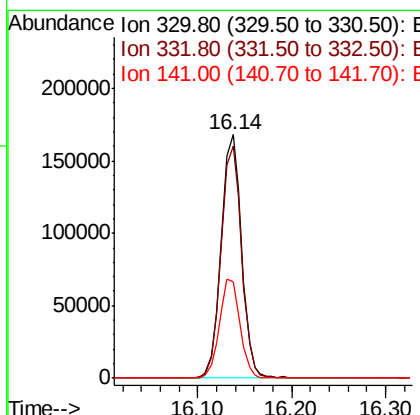
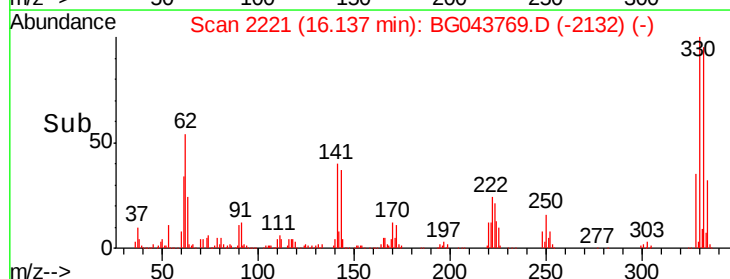
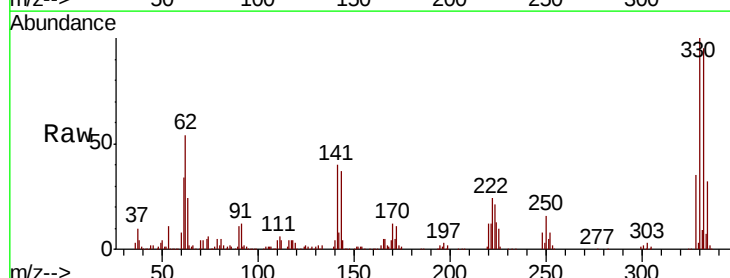
RT: 16.14 min Scan# 2221

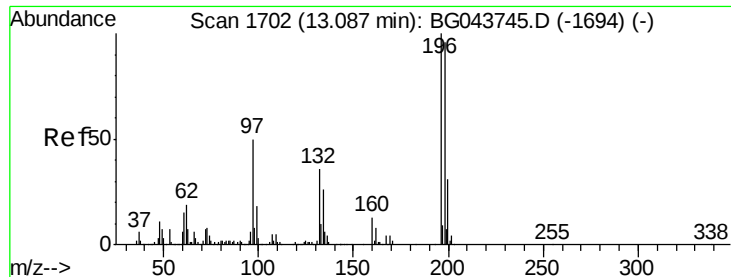
Delta R.T. -0.00 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Tgt Ion:	330	Resp:	255148
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.3	115.9
141	41.1	31.4	47.2





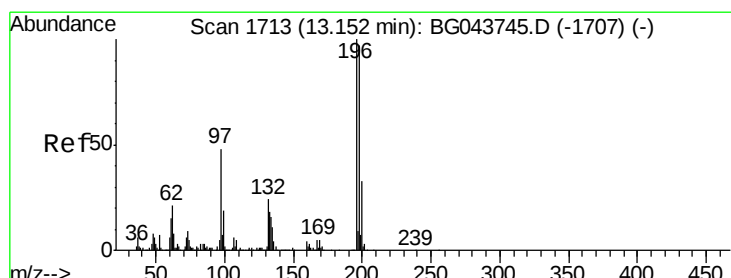
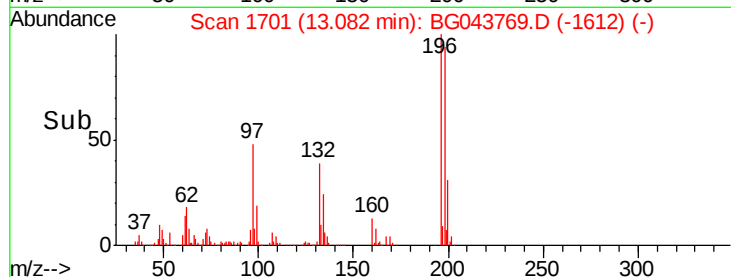
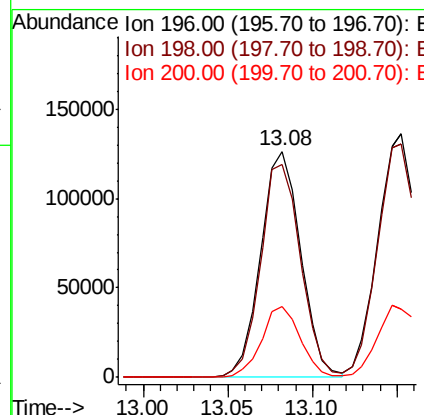
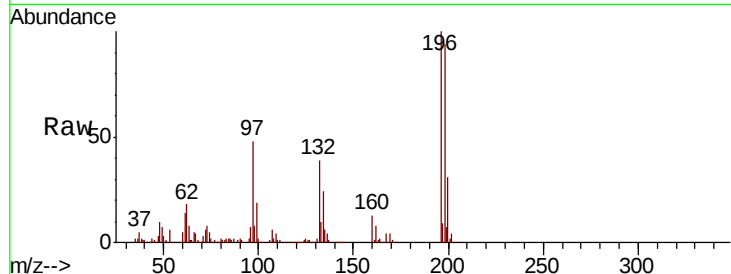
#43
 2,4,6-Trichlorophenol
 Concen: 40.857 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043769.D
 Acq: 25 Nov 2019 14:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	207273		
198	94.4	76.5	114.7	
200	31.1	24.6	36.8	

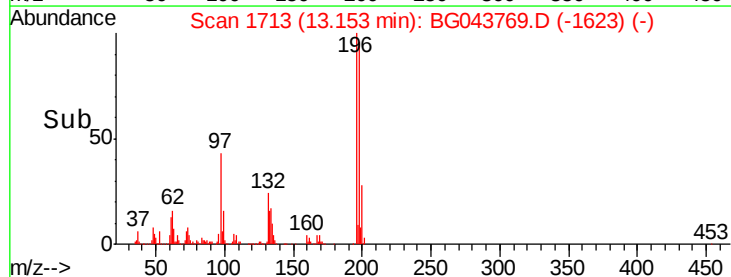
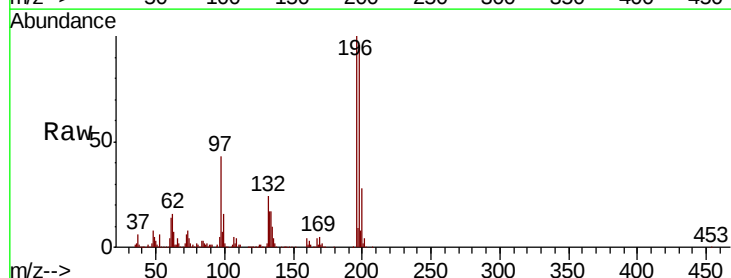
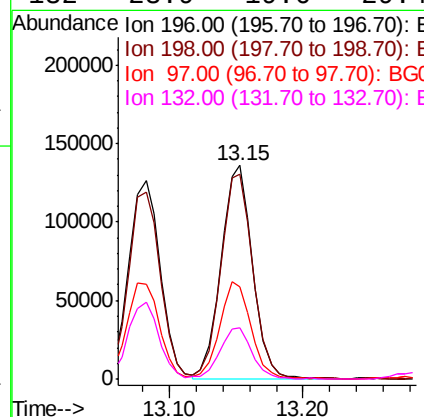
Manual Integrations
 APPROVED

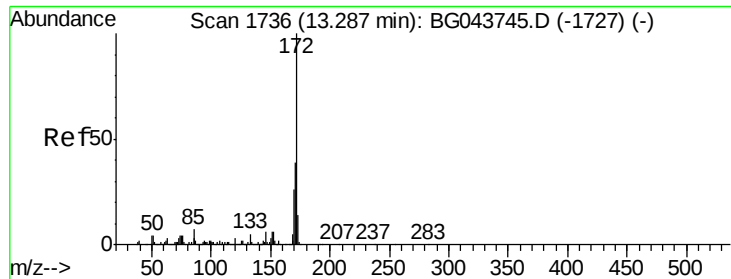
mohammad
 11/26/2019 12:48:46 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.549 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG043769.D
 Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224563		
198	95.9	78.2	117.2	
97	43.3	39.1	58.7	
132	23.9	19.6	29.4	





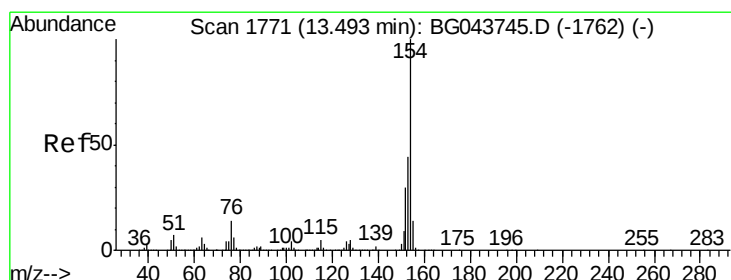
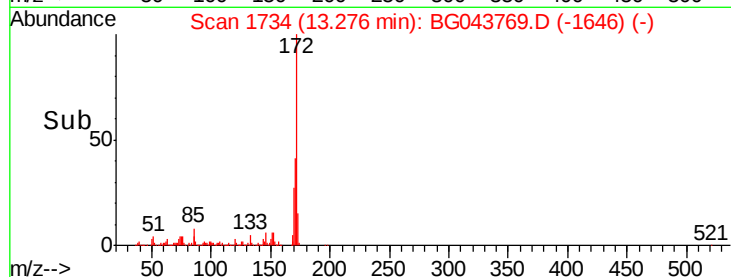
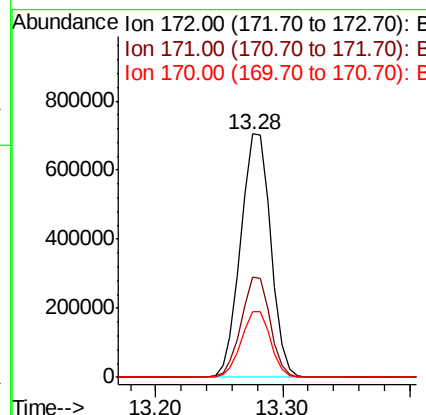
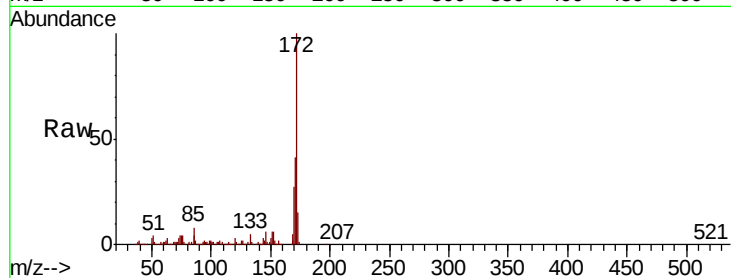
#45
2-Fluorobiphenyl
Concen: 76.822 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.2	31.0	46.6
170	27.2	21.0	31.4

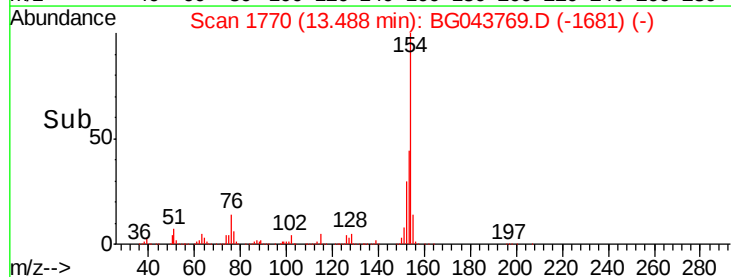
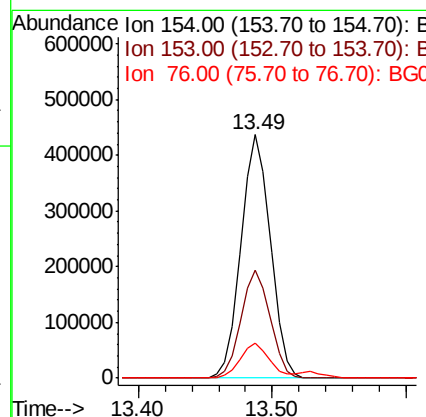
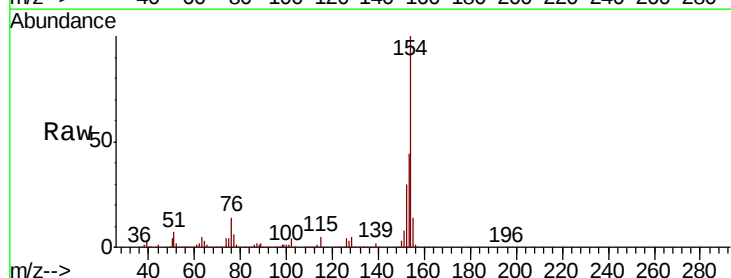
Manual Integrations
APPROVED

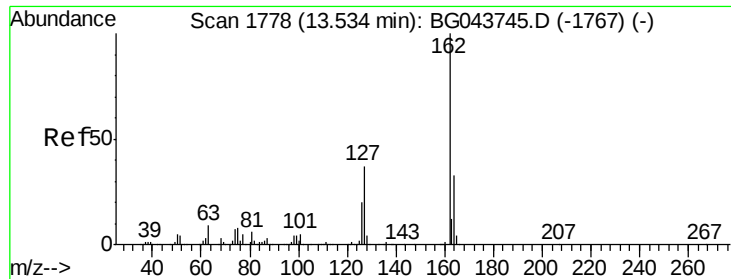
mohammad
11/26/2019 12:48:46 PM



#46
1,1'-Biphenyl
Concen: 38.655 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.1	23.5	63.5
76	14.2	0.0	33.6





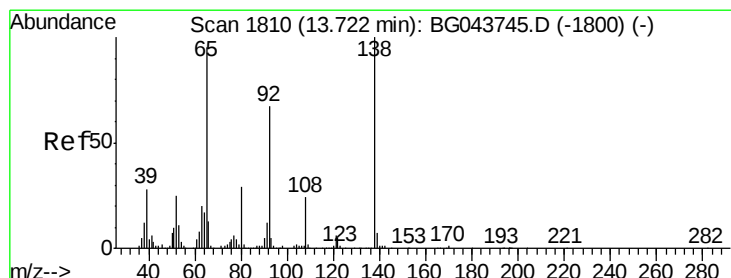
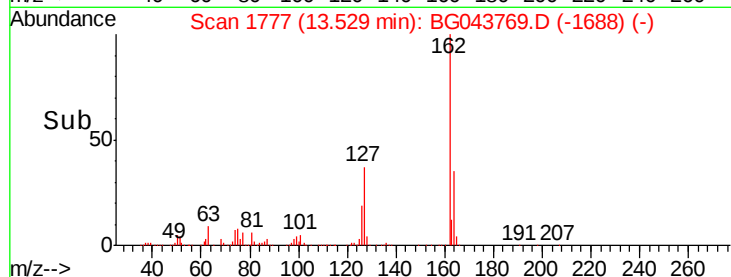
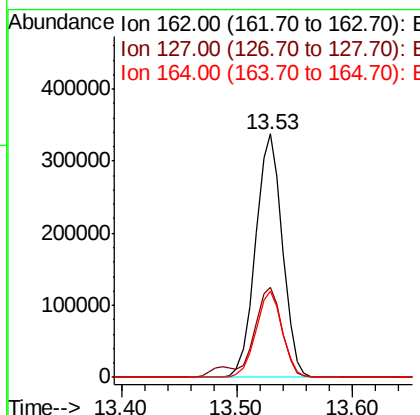
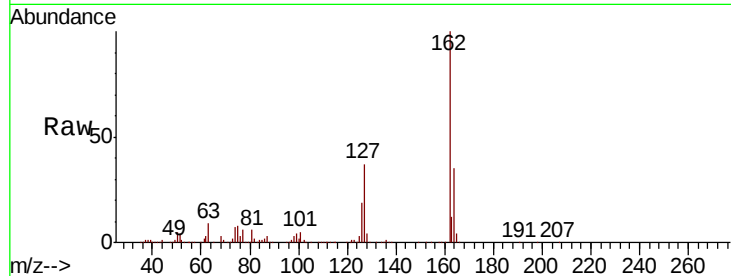
#47
2-Chloronaphthalene
Concen: 38.947 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	545770		
127	37.0		30.0	45.0
164	35.4		26.4	39.6

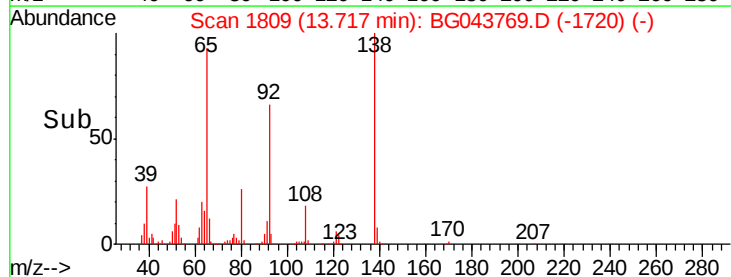
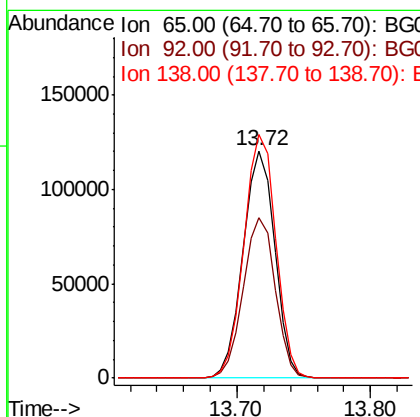
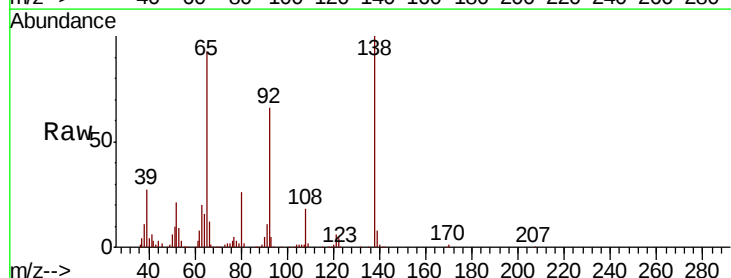
Manual Integrations
APPROVED

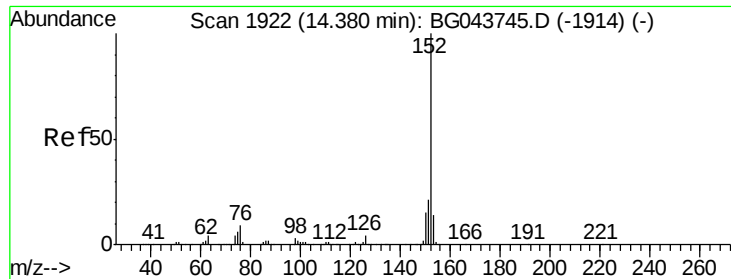
mohammad
11/26/2019 12:48:46 PM



#48
2-Nitroaniline
Concen: 48.379 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	198475		
92	70.7		56.1	84.1
138	107.3		84.2	126.4





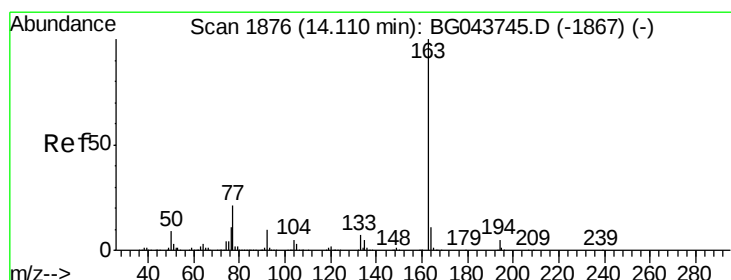
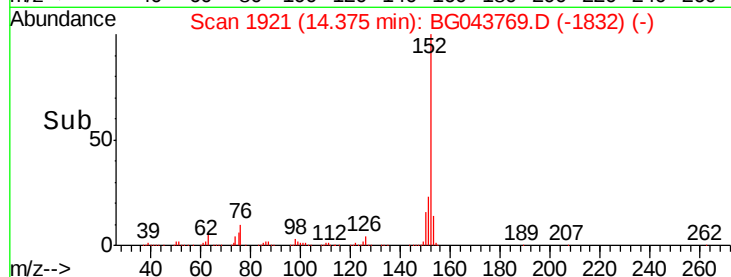
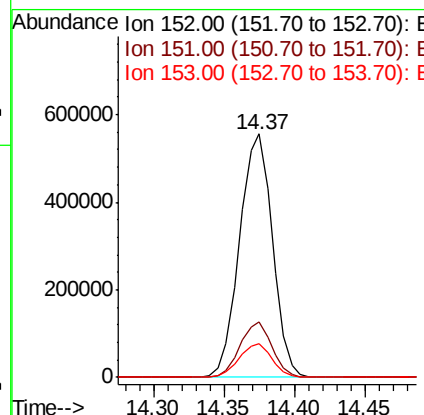
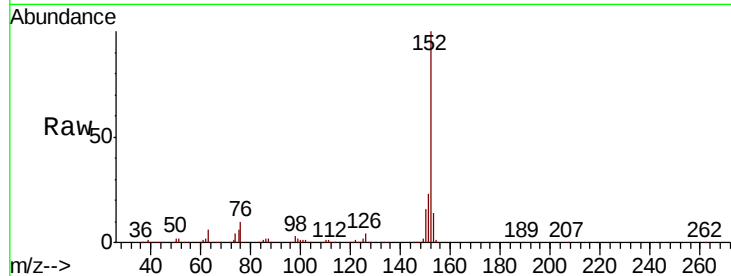
#49
Acenaphthylene
Concen: 41.029 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.0	25.6
153	14.0	10.8	16.2

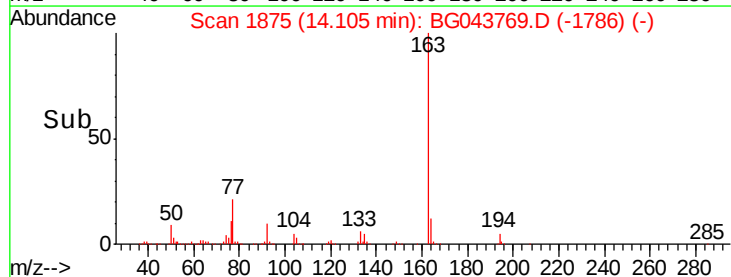
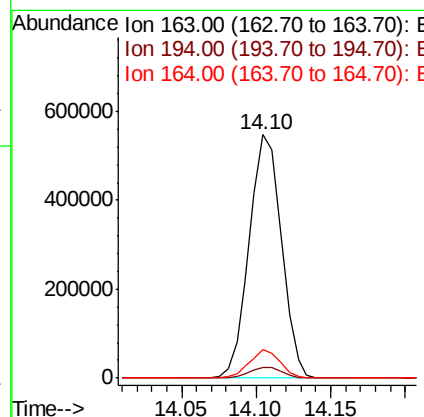
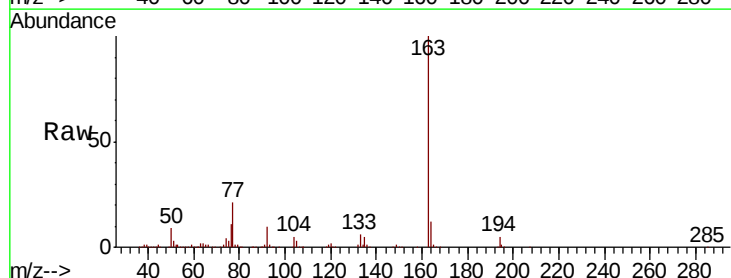
Manual Integrations
APPROVED

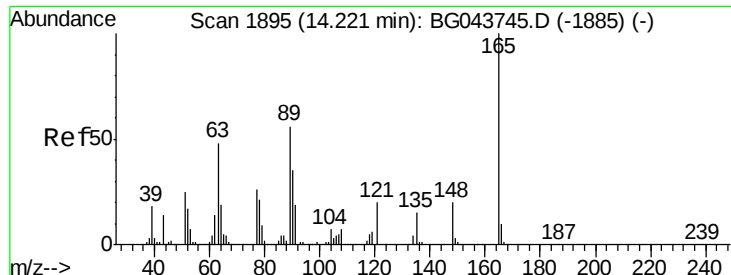
mohammad
11/26/2019 12:48:46 PM



#50
Dimethylphthalate
Concen: 41.624 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	11.7	8.7	13.1





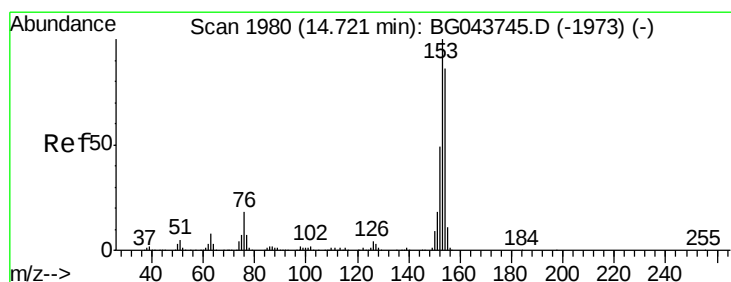
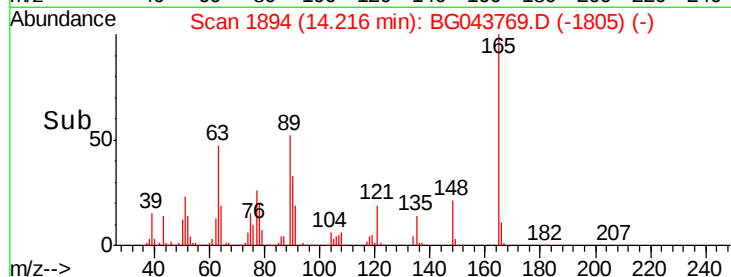
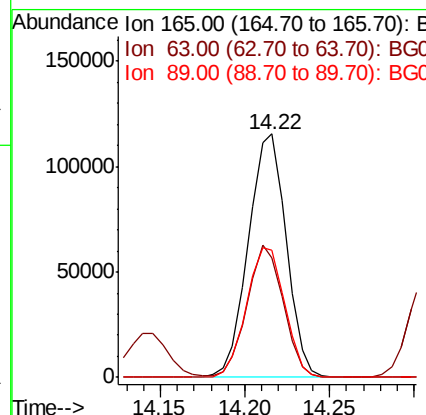
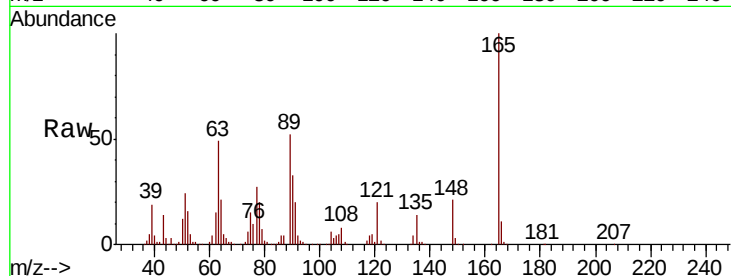
#51
 2,6-Dinitrotoluene
 Concen: 49.455 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BG043769.D
 Acq: 25 Nov 2019 14:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.3	43.4	65.2
89	52.1	44.6	67.0

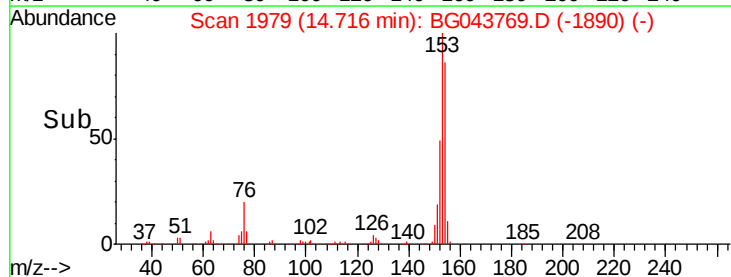
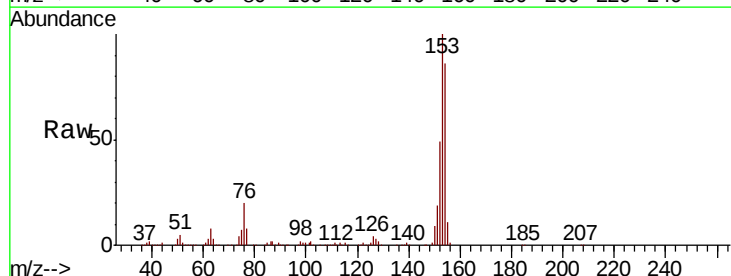
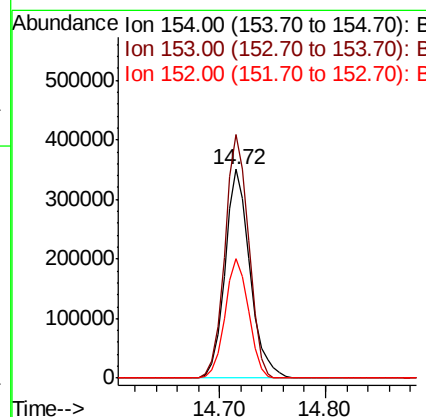
Manual Integrations
 APPROVED

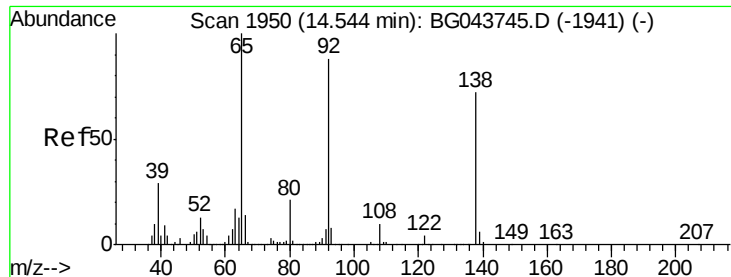
mohammad
 11/26/2019 12:48:46 PM



#52
 Acenaphthene
 Concen: 40.772 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG043769.D
 Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	116.8	92.9	139.3
152	57.2	45.2	67.8





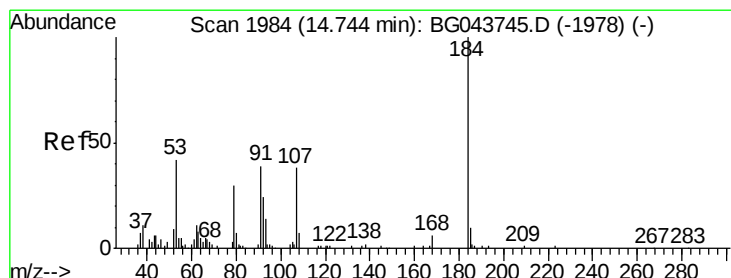
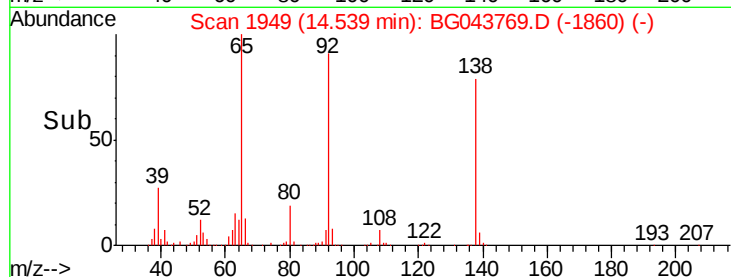
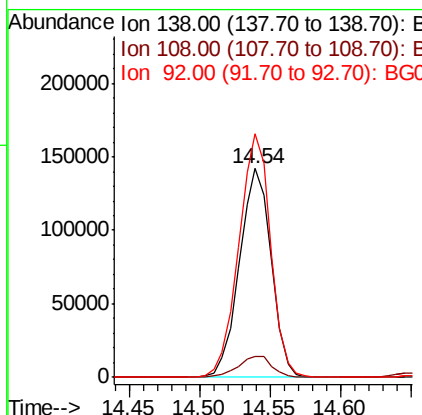
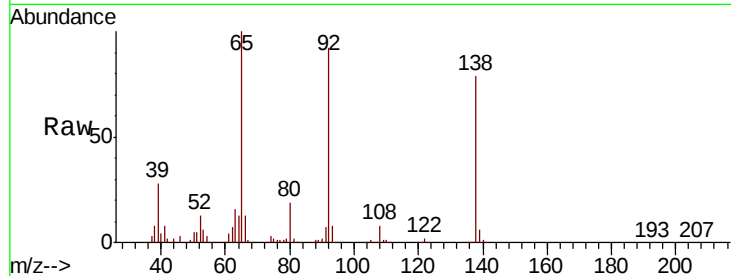
#53
3-Nitroaniline
Concen: 52.495 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	11.7	17.5#
92	116.5	97.2	145.8

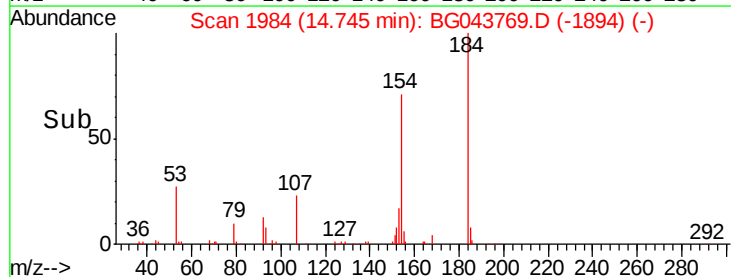
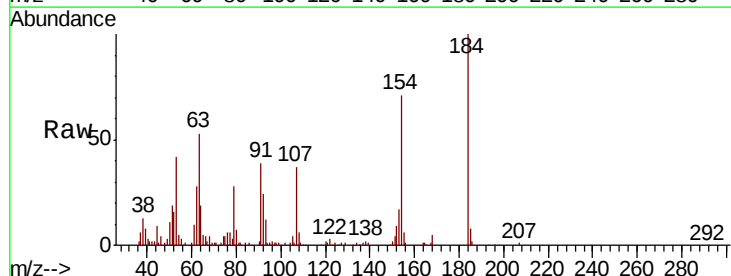
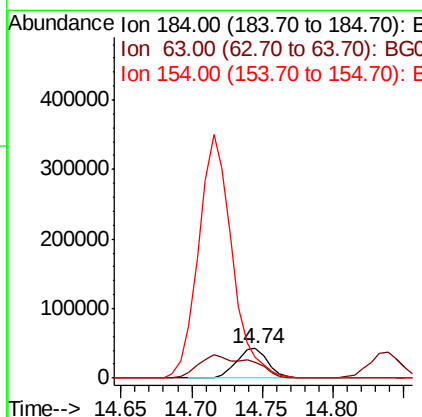
Manual Integrations
APPROVED

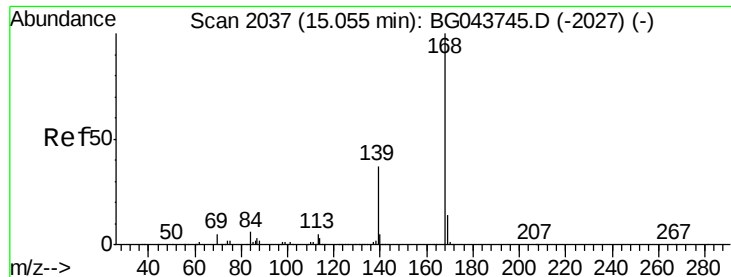
mohammad
11/26/2019 12:48:46 PM



#54
2,4-Dinitrophenol
Concen: 44.717 ng
RT: 14.74 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.1	52.4	78.6
154	70.6	92.8	139.2#





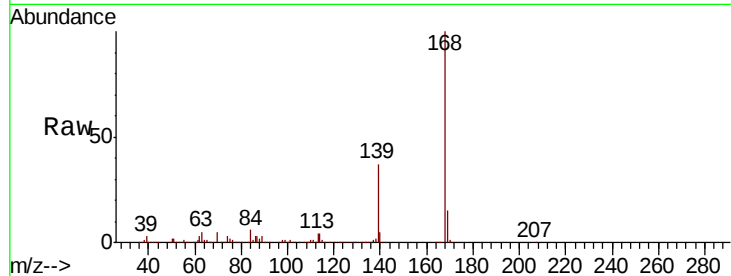
#55
Dibenzofuran
Concen: 41.829 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.4	44.2
169	14.5	11.3	16.9

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM

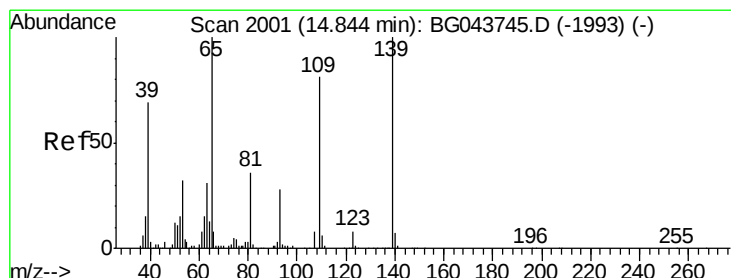
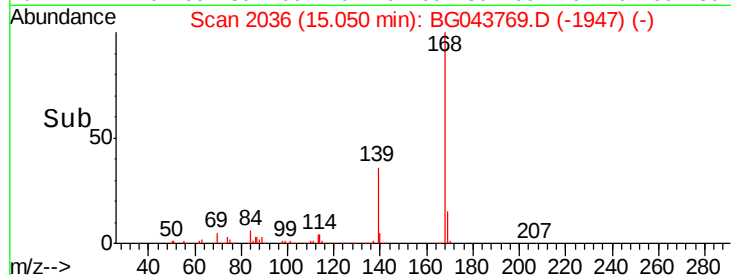
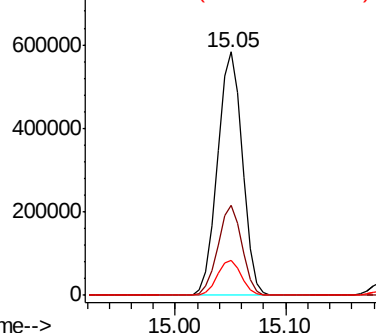


Abundance

Ion 168.00 (167.70 to 168.70): E

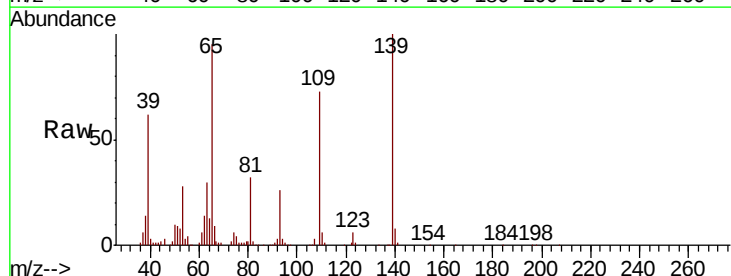
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 54.187 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.7	61.4	101.4
65	94.6	80.3	120.3

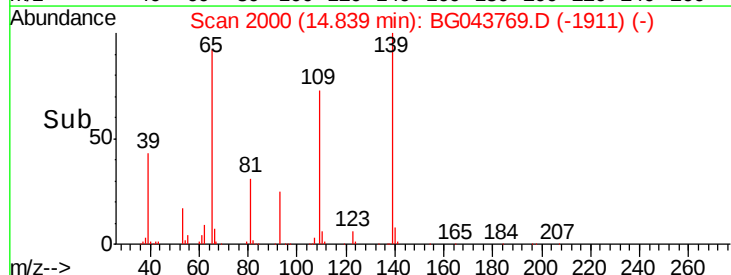
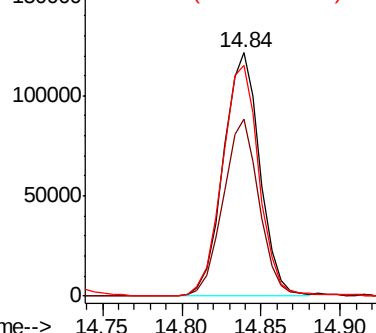


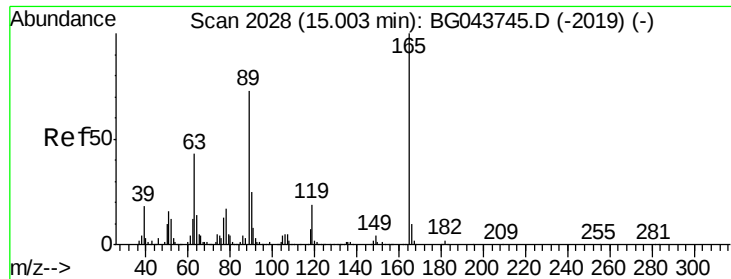
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





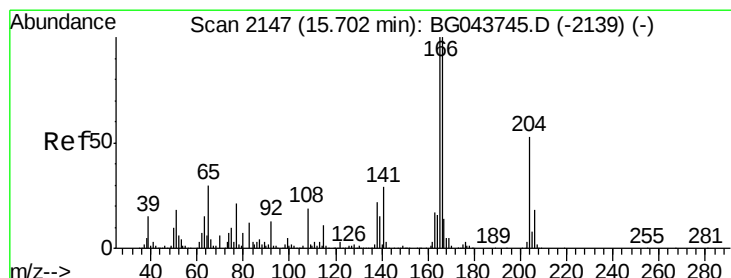
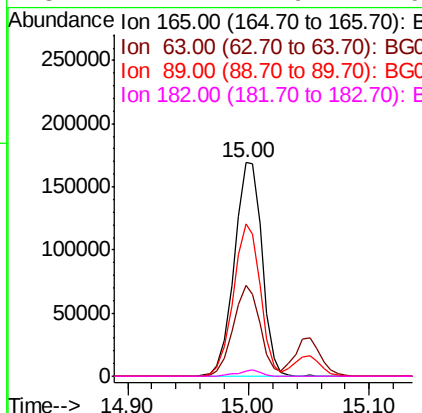
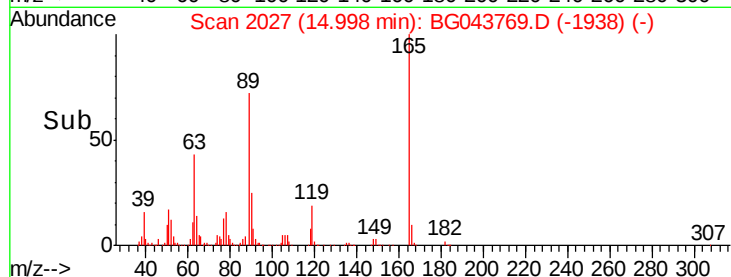
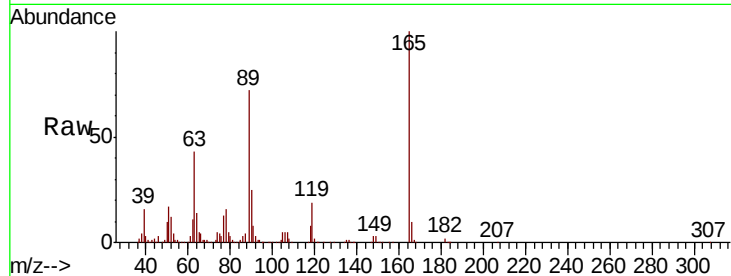
#57
2,4-Dinitrotoluene
Concen: 53.353 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		269835		
63	42.6	34.6	51.8		
89	71.6	58.3	87.5		
182	2.2	1.9	2.9		

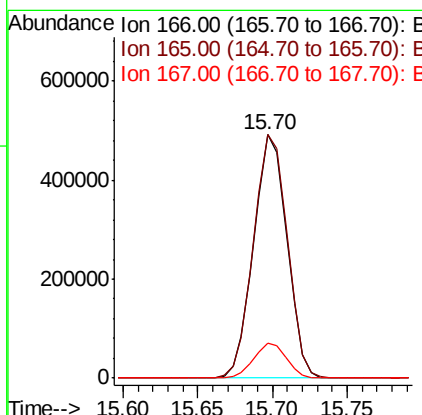
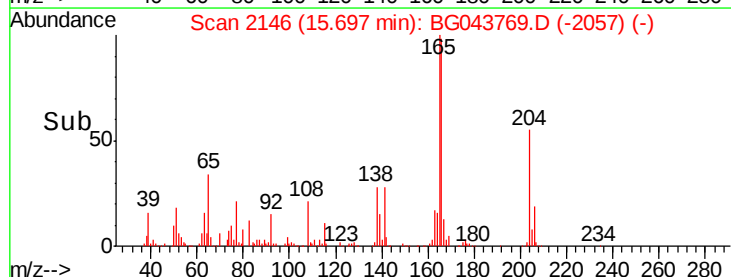
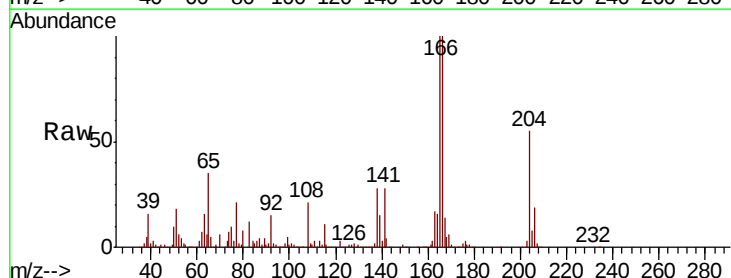
Manual Integrations
APPROVED

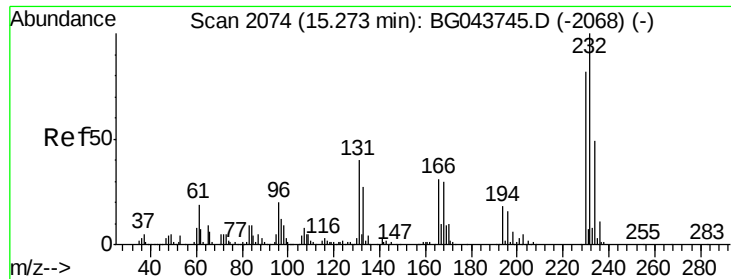
mohammad
11/26/2019 12:48:46 PM



#58
Fluorene
Concen: 42.106 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		758455		
165	100.0	79.9	119.9		
167	14.1	11.4	17.0		





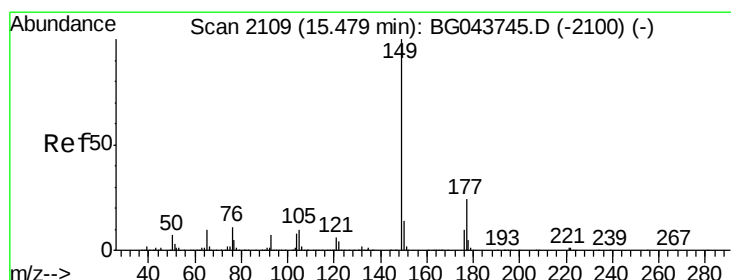
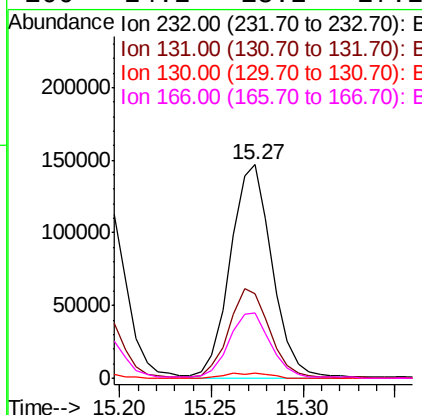
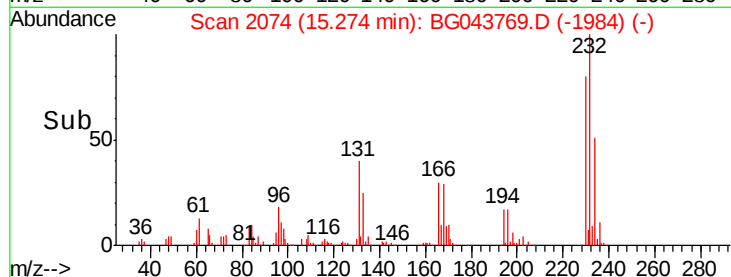
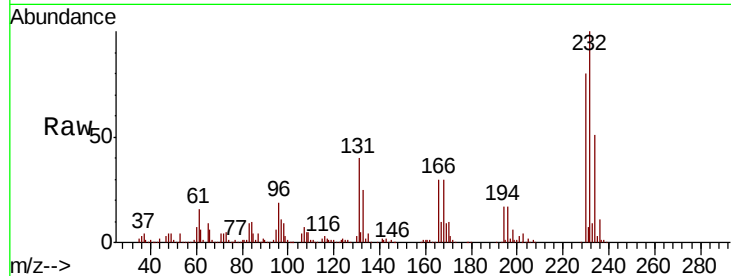
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.215 ng/ml
RT: 15.27 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	234383		
131	34.5	27.0	40.6	
130	2.3	1.6	2.4	
166	24.2	18.2	27.2	

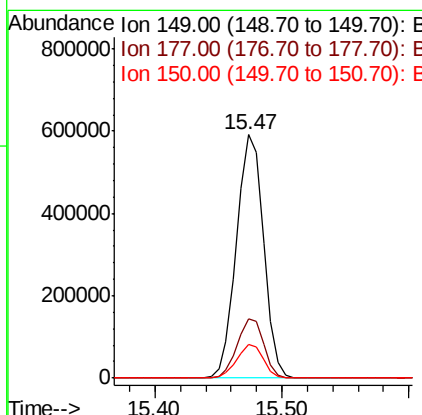
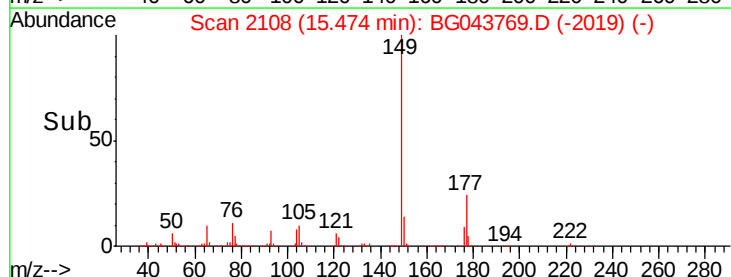
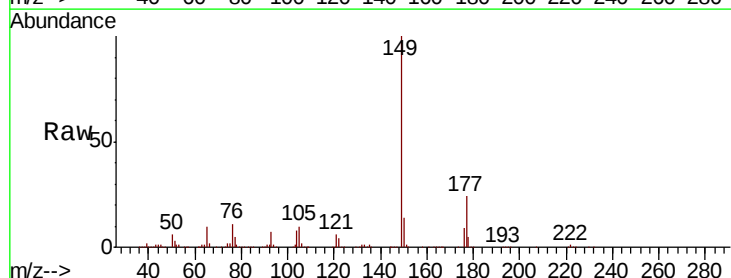
Manual Integrations
APPROVED

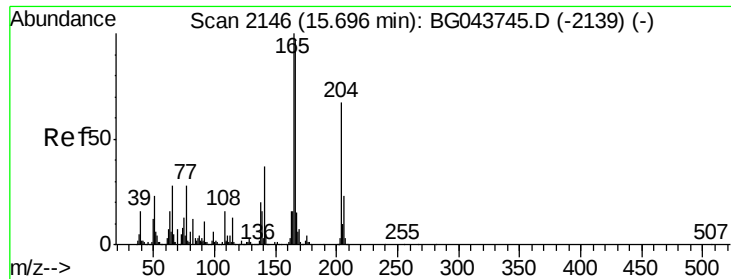
mohammad
11/26/2019 12:48:46 PM



#60
Diethylphthalate
Concen: 43.085 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	870458		
177	24.4	19.3	28.9	
150	13.9	11.1	16.7	





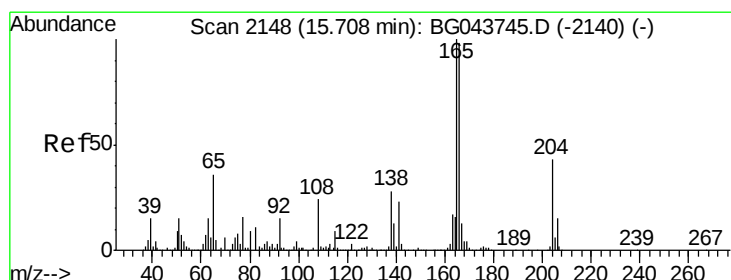
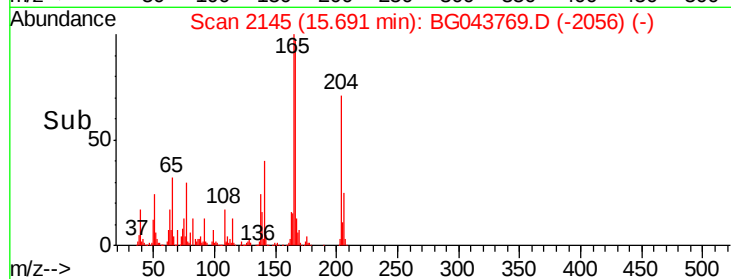
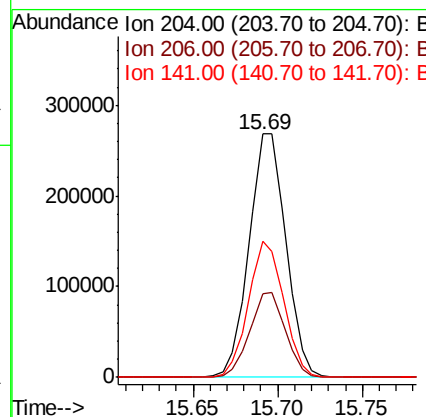
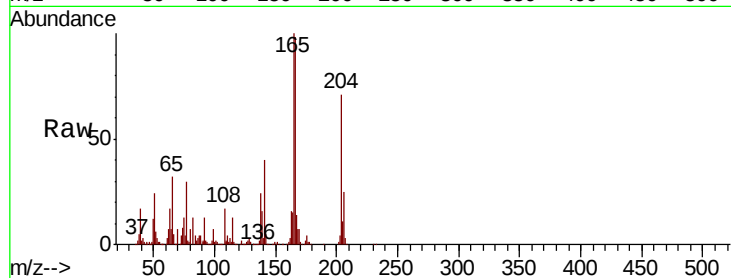
#61
4-Chlorophenyl-phenylether
Concen: 40.990 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.5	27.4	41.0
141	56.1	44.3	66.5

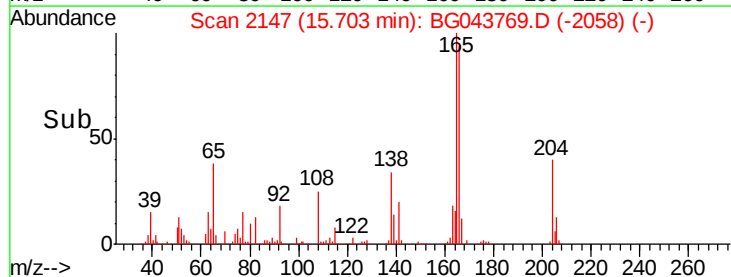
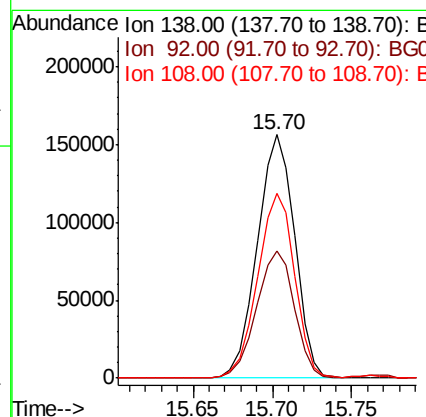
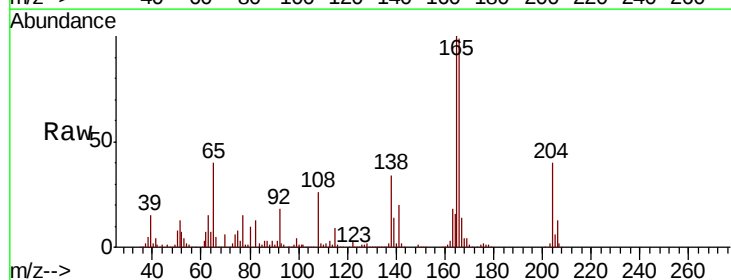
Manual Integrations
APPROVED

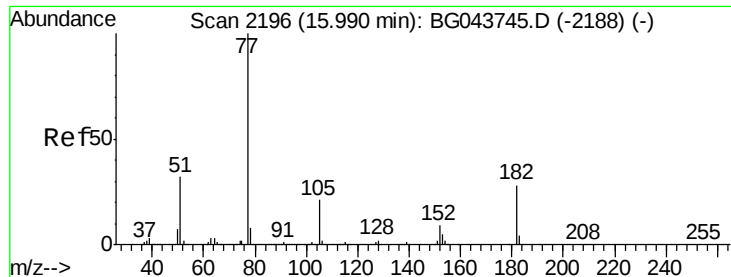
mohammad
11/26/2019 12:48:46 PM



#62
4-Nitroaniline
Concen: 52.526 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	52.4	34.6	74.6
108	75.9	65.7	105.7





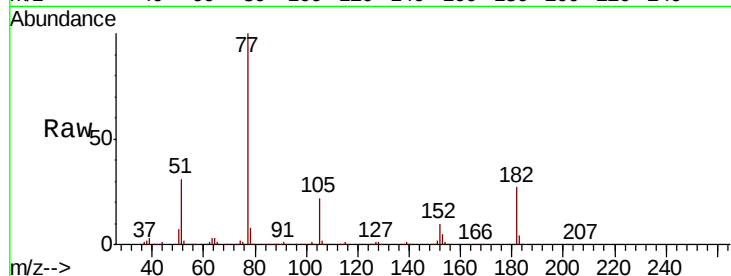
#63
Azobenzene
Concen: 41.920 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

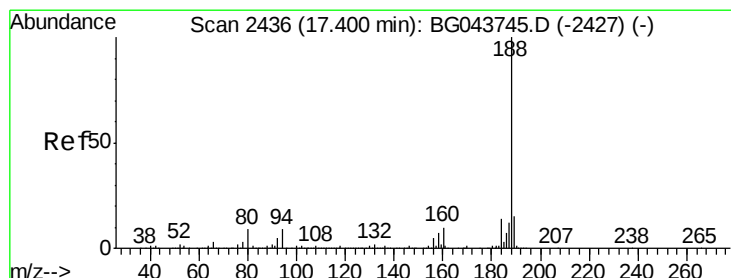
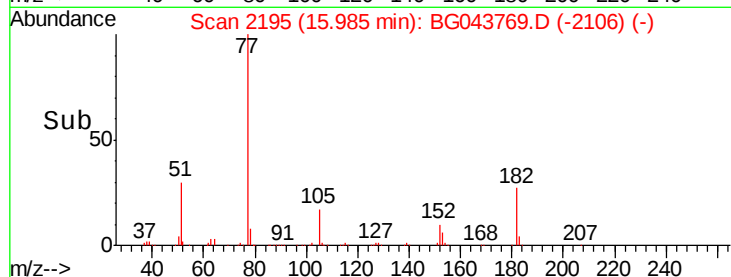
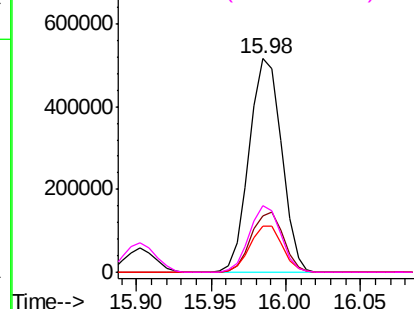
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		774823		
182	26.7	7.6	47.6		
105	21.6	0.7	40.7		
51	31.0	12.1	52.1		

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM

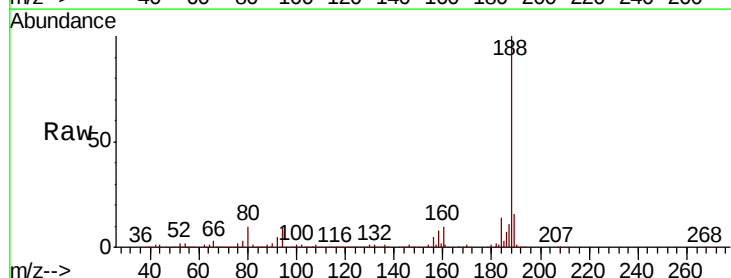


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

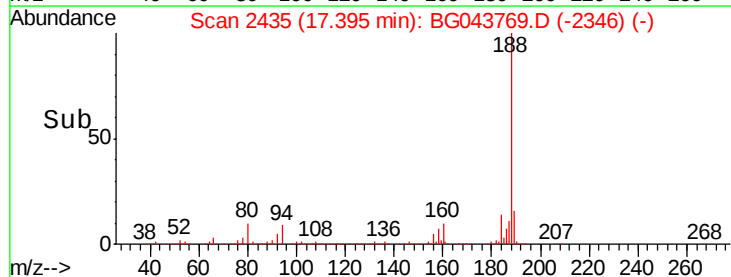
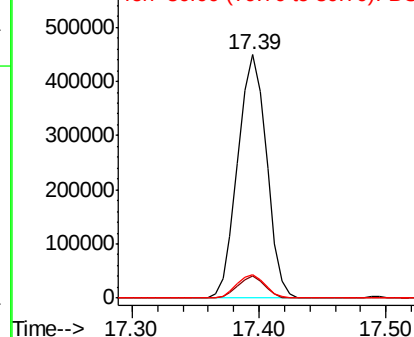


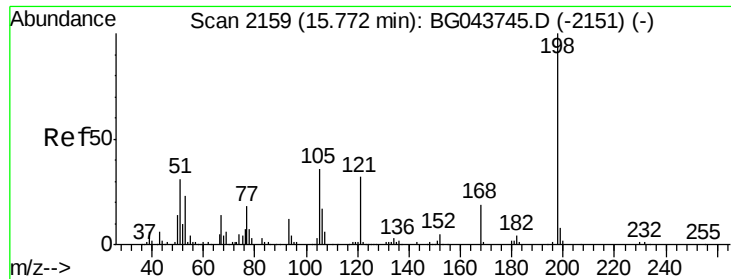
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		707373		
94	9.1	6.9	10.3		
80	9.8	7.5	11.3		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.546 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

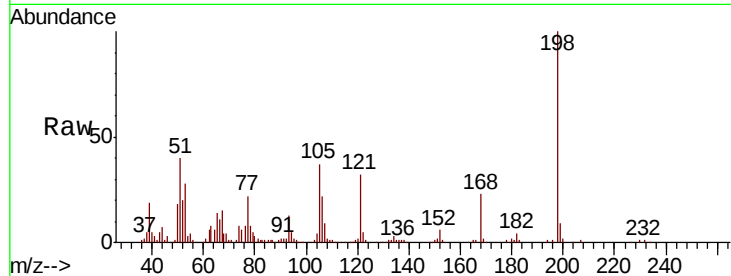
ClientSampleId :

SSTDCCC040

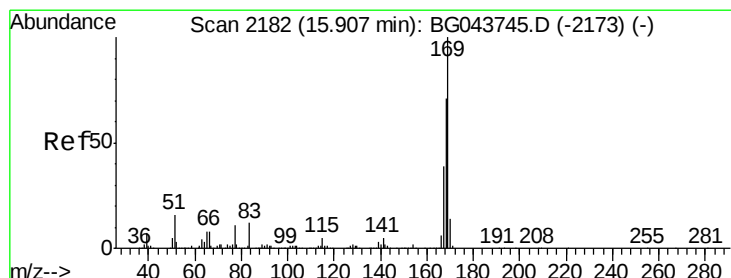
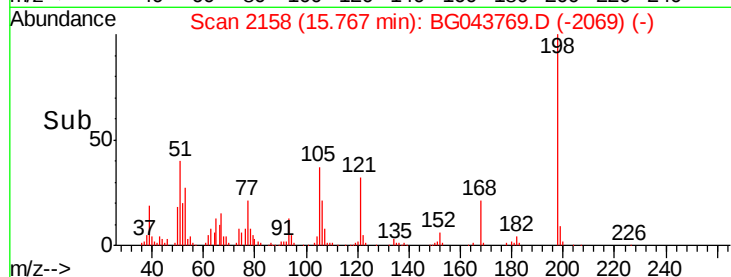
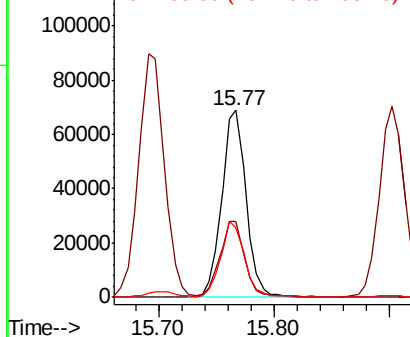
Tot Ion:	198	Resp:	100347
Ion Ratio	Lower	Upper	
198	100		
51	40.4	16.8	56.8
105	37.3	17.3	57.3

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM



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



#66

n-Nitrosodiphenylamine

Concen: 39.133 ng

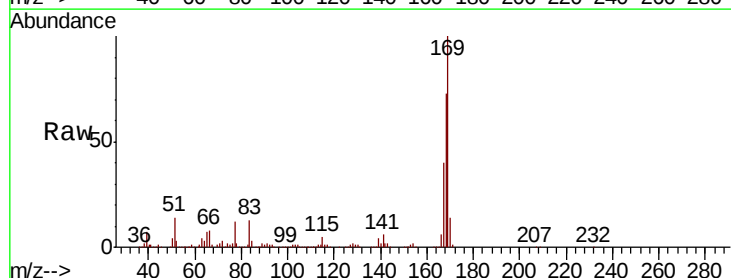
RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

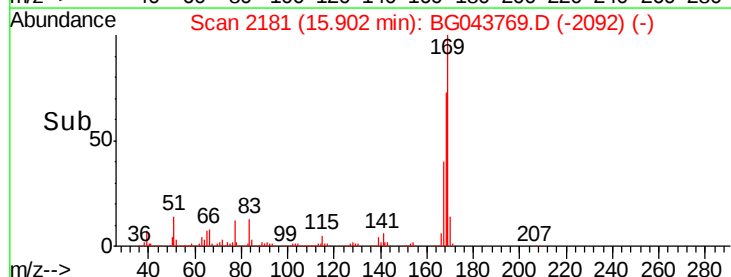
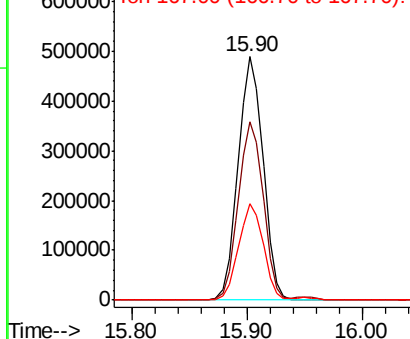
Lab File: BG043769.D

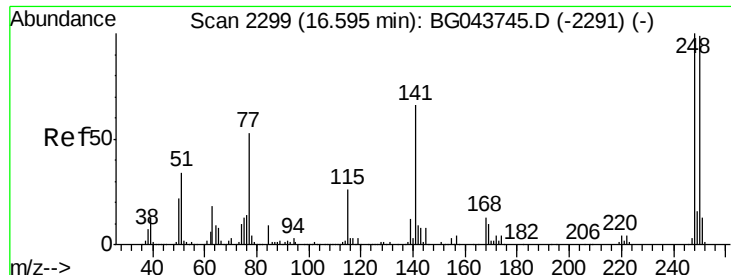
Acq: 25 Nov 2019 14:48

Tgt Ion:	169	Resp:	732914
Ion Ratio	Lower	Upper	
169	100		
168	73.2	56.6	85.0
167	39.7	30.8	46.2



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





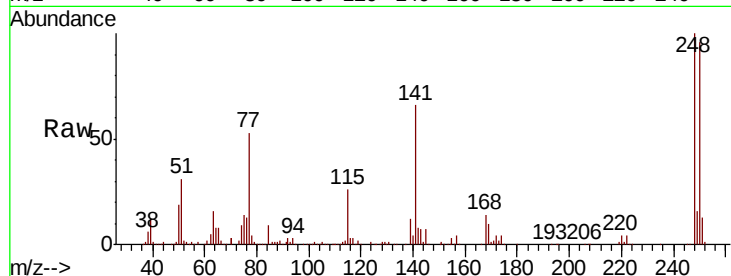
#67
 4-Bromophenyl-phenylether
 Concen: 37.325 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG043769.D
 Acq: 25 Nov 2019 14:48

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	79.3	118.9
141	66.1	53.0	79.6

Manual Integrations
 APPROVED

mohammad
 11/26/2019 12:48:46 PM

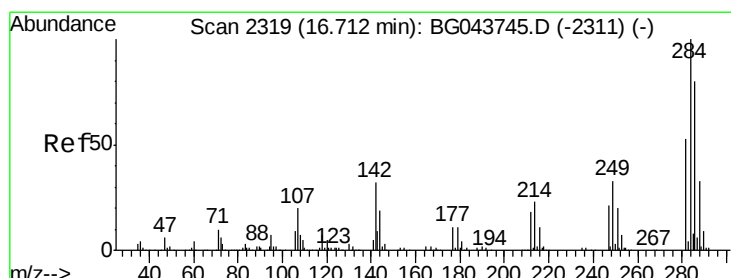
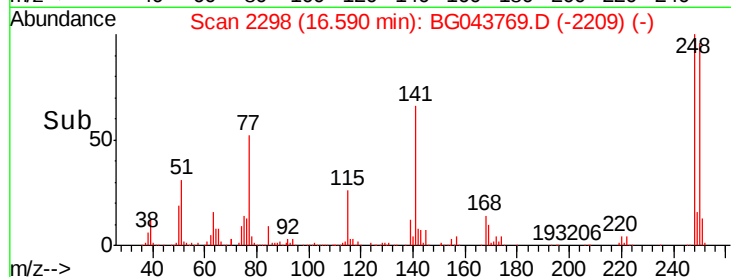
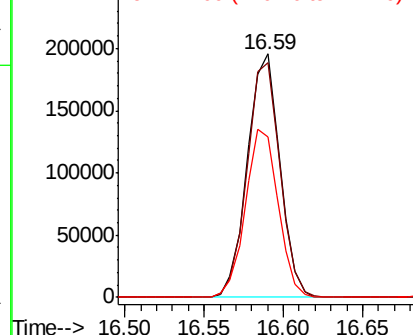


Abundance

Ion 248.00 (247.70 to 248.70): E

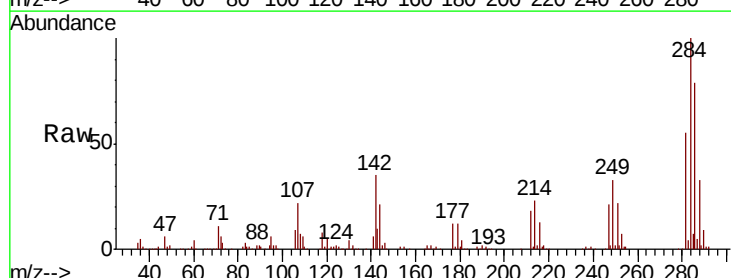
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 37.386 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG043769.D
 Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	25.4	38.0
249	33.3	26.2	39.4

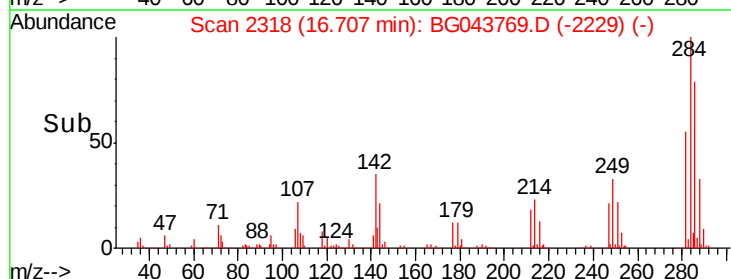
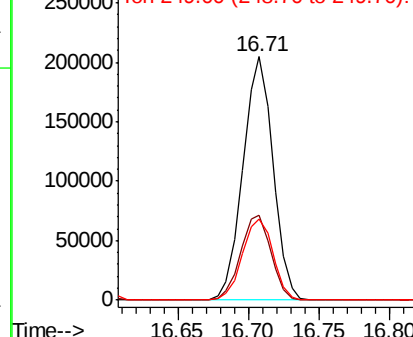


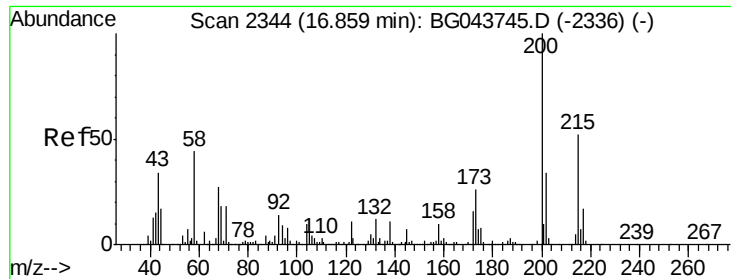
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





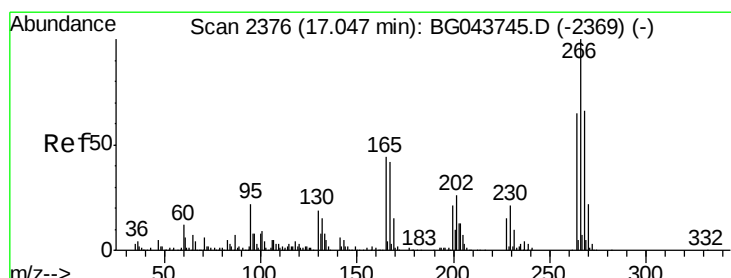
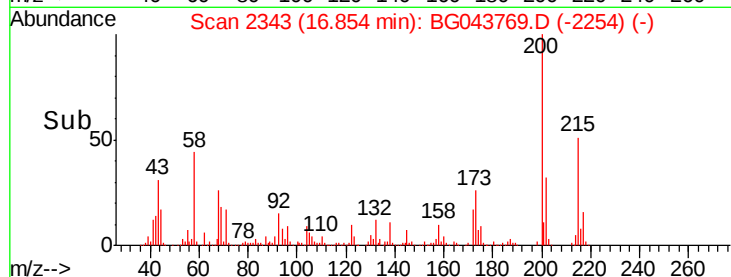
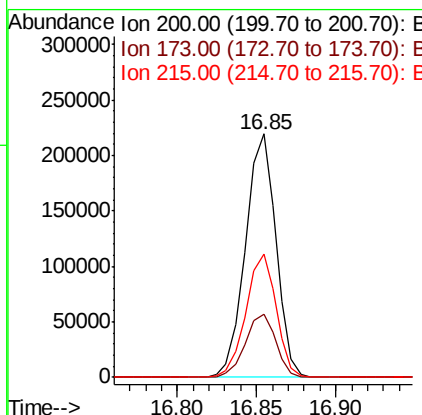
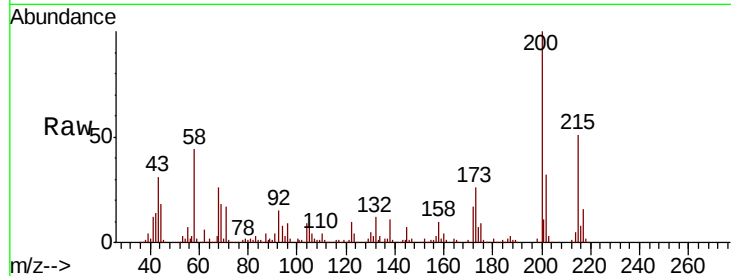
#69
Atrazine
Concen: 39.061 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.8	6.0	46.0
215	50.6	32.4	72.4

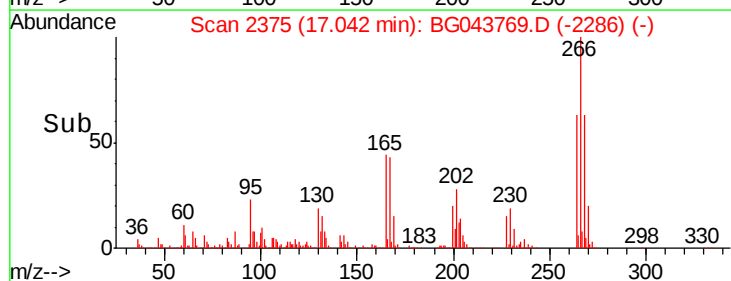
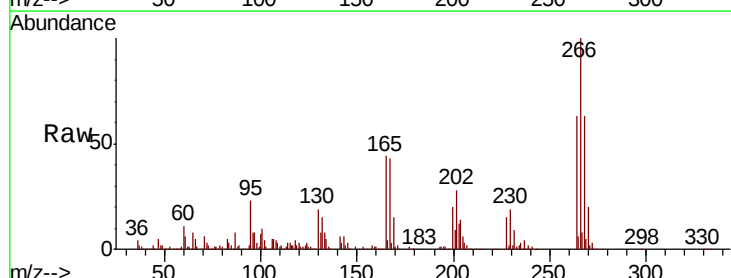
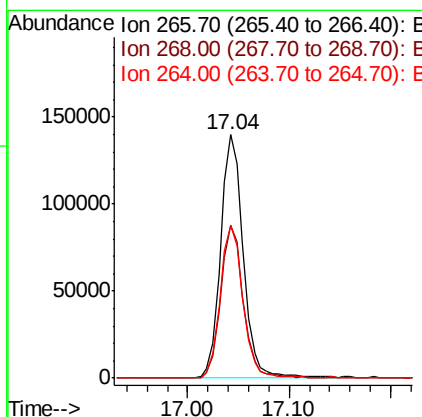
Manual Integrations
APPROVED

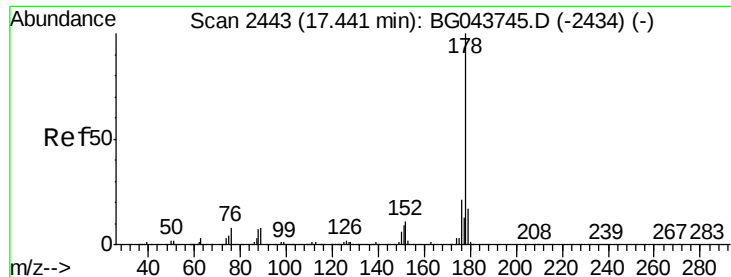
mohammad
11/26/2019 12:48:46 PM



#70
Pentachlorophenol
Concen: 43.489 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	52.9	79.3
264	62.8	51.6	77.4





#71

Phenanthrene

Concen: 40.311 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1410932

Ion Ratio Lower Upper

178 100

176 23.1 16.9 25.3

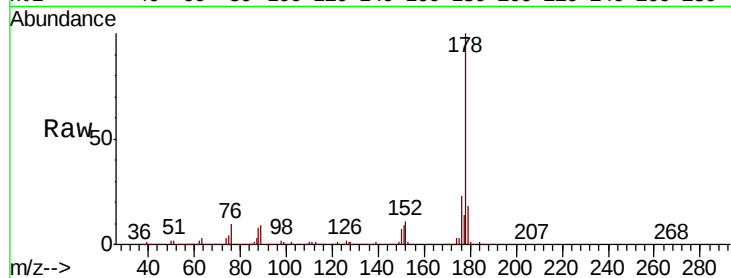
179 18.2 13.5 20.3

Manual Integrations

APPROVED

mohammad

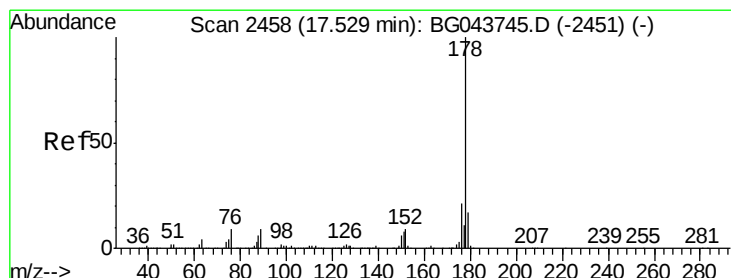
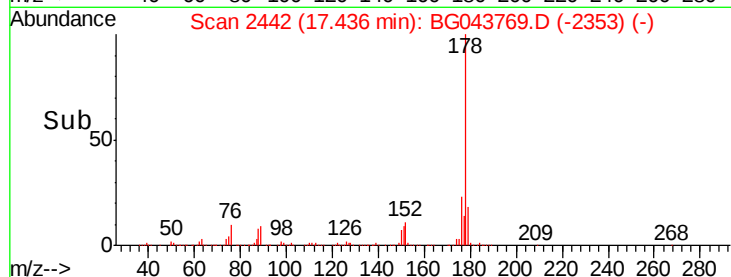
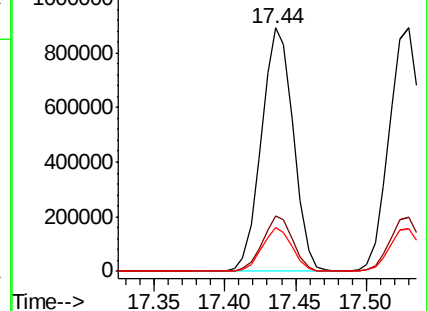
11/26/2019 12:48:46 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.979 ng

RT: 17.53 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Tgt Ion:178 Resp: 1413551

Ion Ratio Lower Upper

178 100

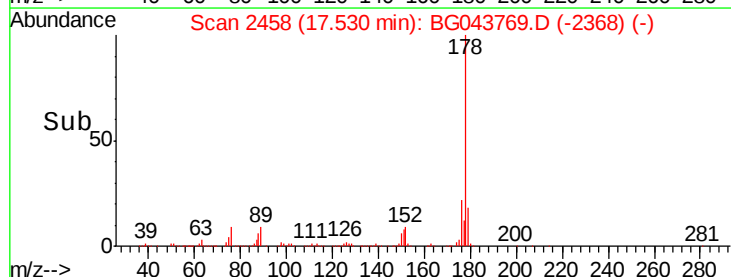
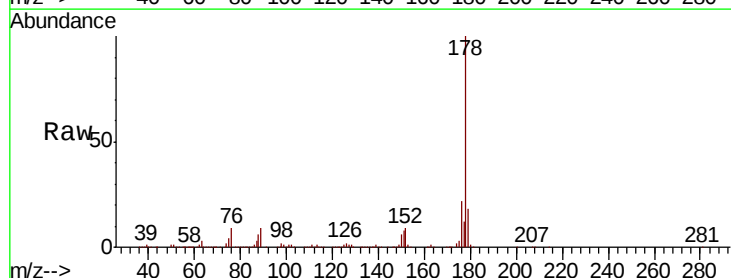
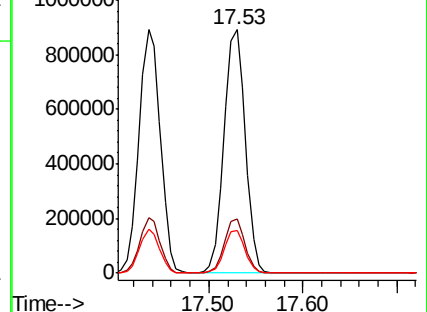
176 22.2 16.5 24.7

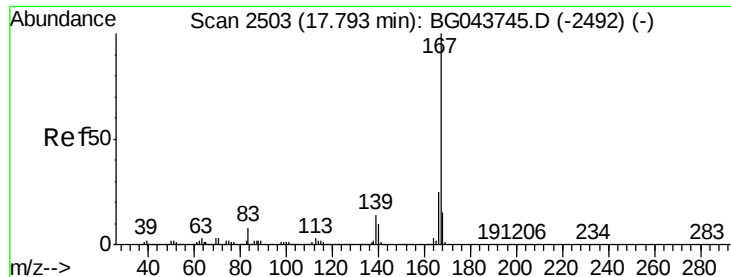
179 17.7 13.4 20.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





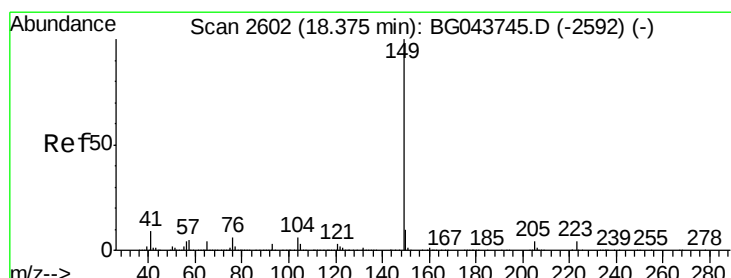
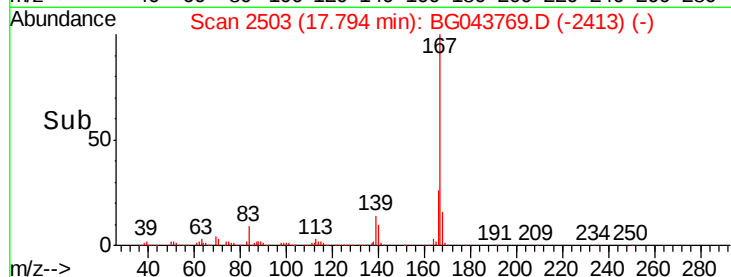
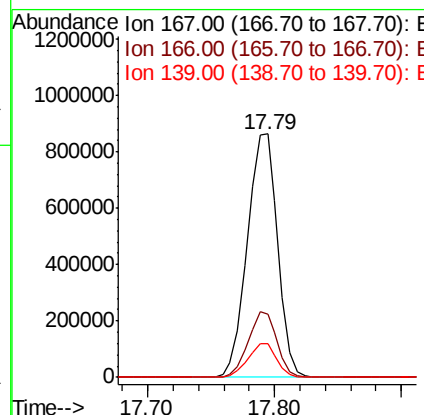
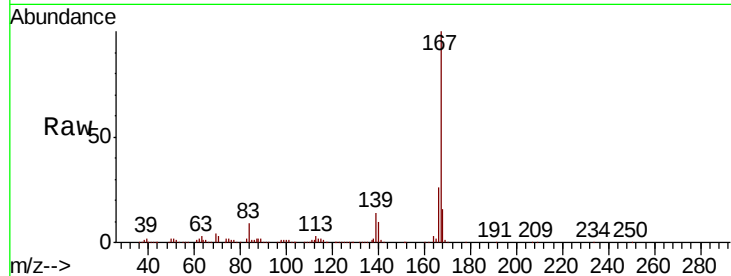
#73
 Carbazole
 Concen: 40.887 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG043769.D
 Acq: 25 Nov 2019 14:48

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.0	19.8	29.6
139	14.0	10.9	16.3

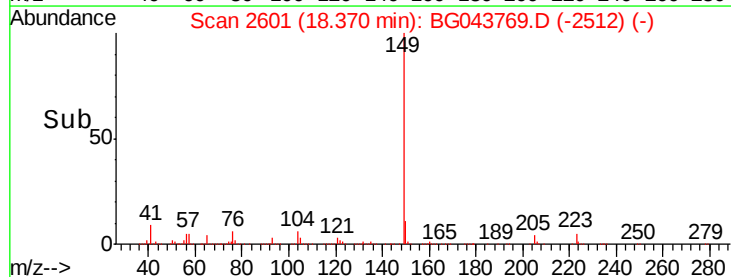
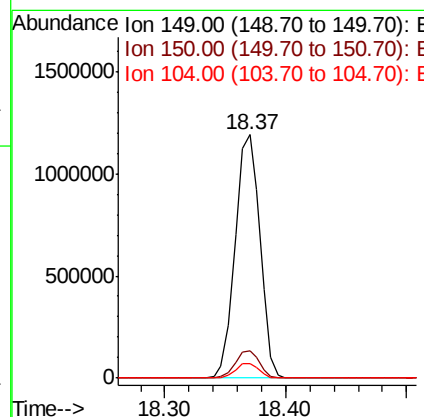
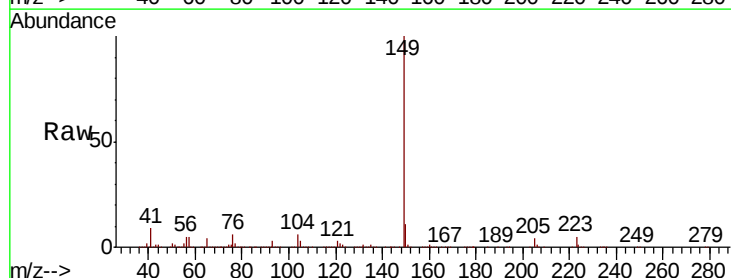
Manual Integrations
 APPROVED

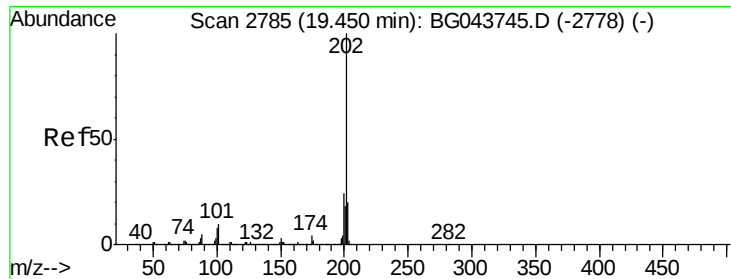
mohammad
 11/26/2019 12:48:46 PM



#74
 Di-n-butylphthalate
 Concen: 37.997 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG043769.D
 Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	8.4	12.6
104	6.1	4.6	7.0





#75

Fluoranthene

Concen: 38.082 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

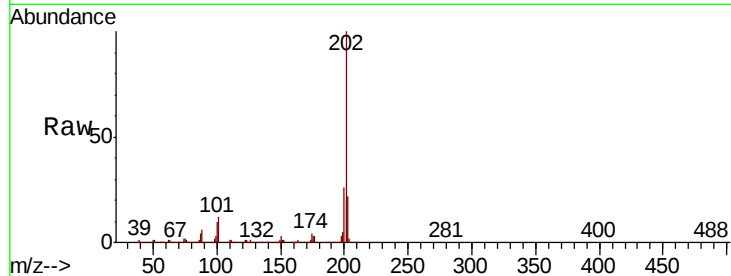
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1912028
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.1
203	21.9	0.0	39.7

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM

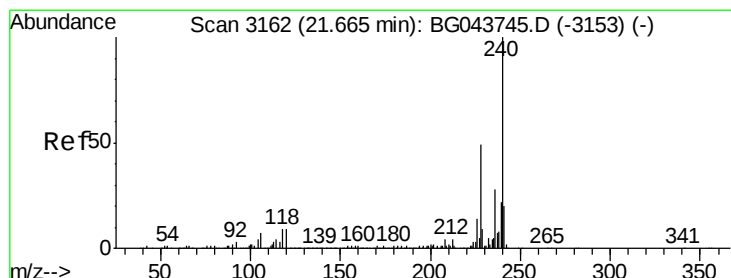
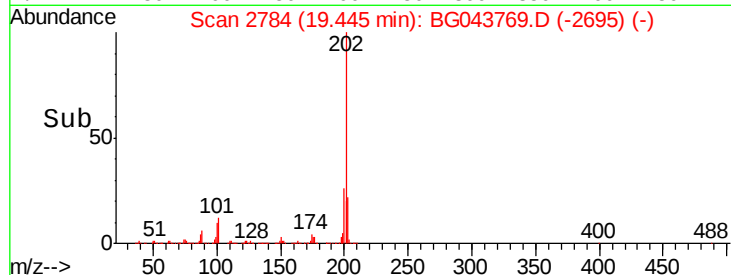
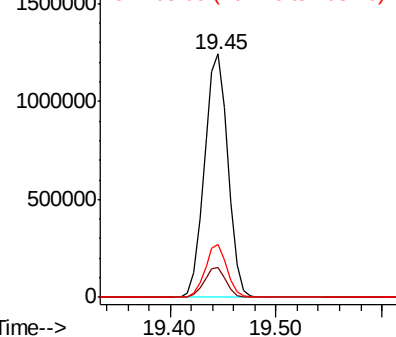


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

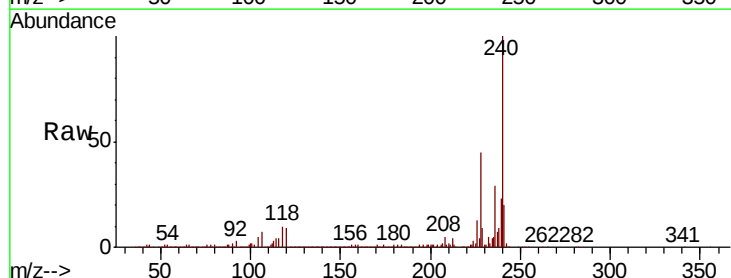
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Tgt Ion:	240	Resp:	776507
Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.5	11.3
236	29.5	22.6	34.0

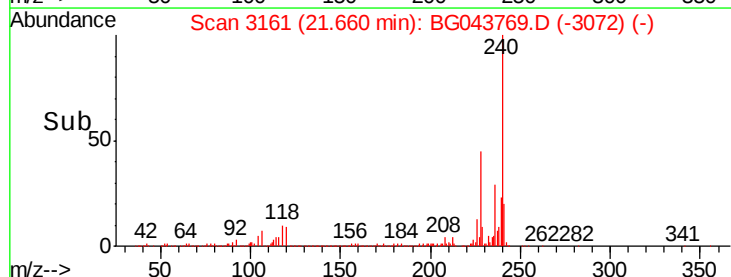
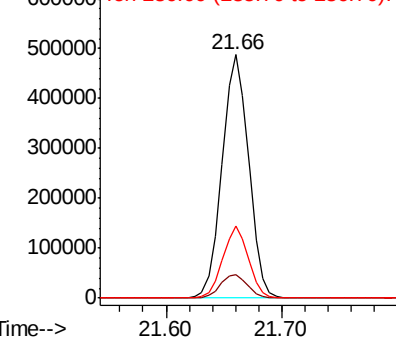


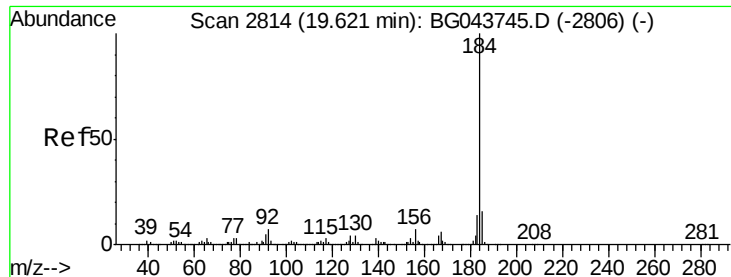
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.583 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

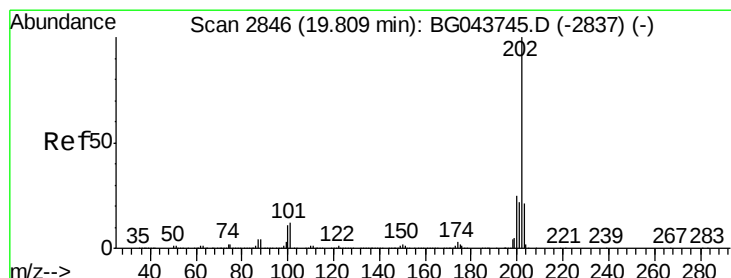
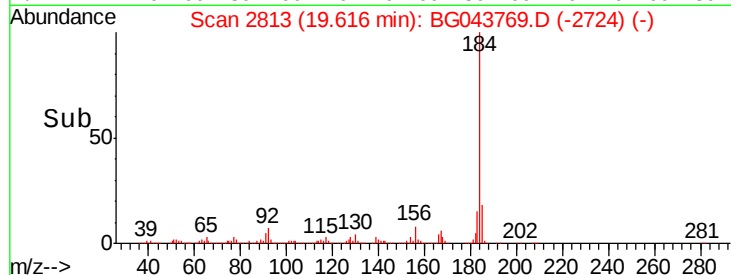
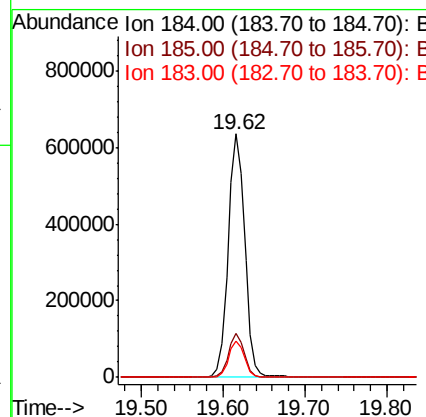
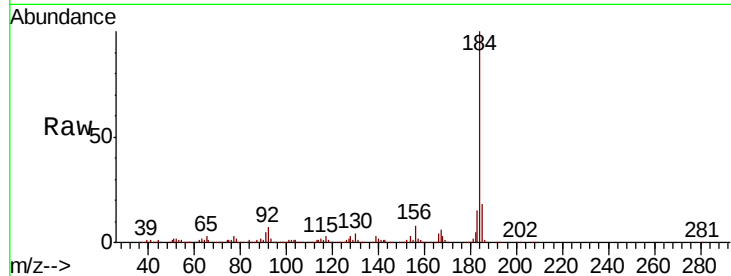
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	17.8	12.8	19.2
183	14.7	11.3	16.9

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM



#78

Pyrene

Concen: 39.131 ng

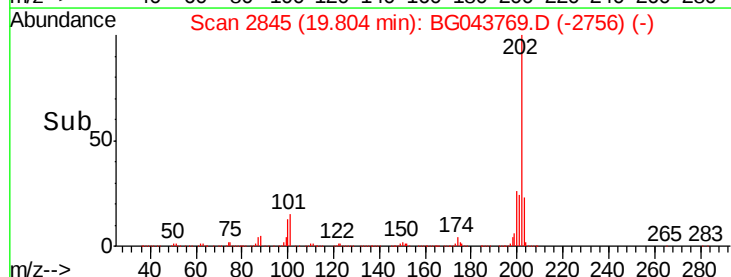
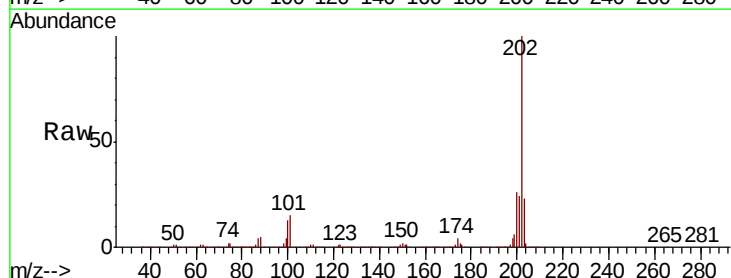
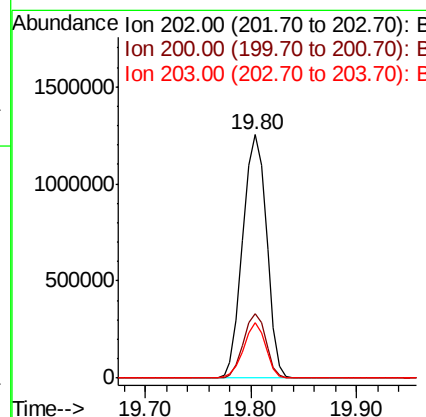
RT: 19.80 min Scan# 2845

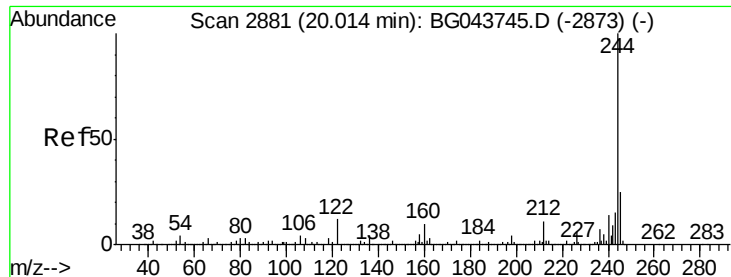
Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.5	19.8	29.6
203	22.7	16.6	24.8





#79

Terphenyl-d14

Concen: 74.381 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2556065

Ion Ratio Lower Upper

244 100

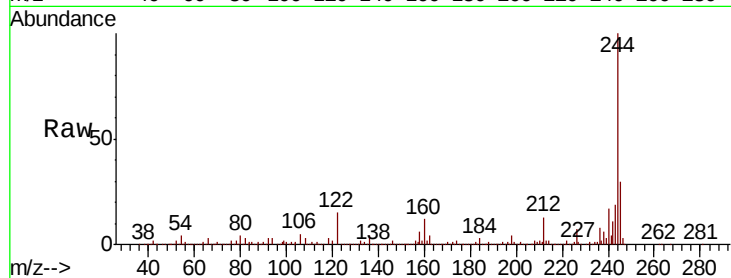
212 12.5 8.5 12.7

122 14.9 9.5 14.3#

Manual Integrations
APPROVED

mohammad

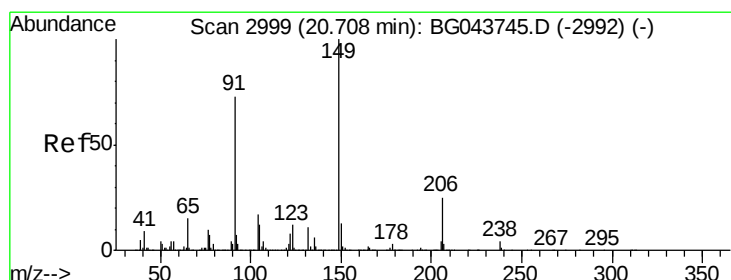
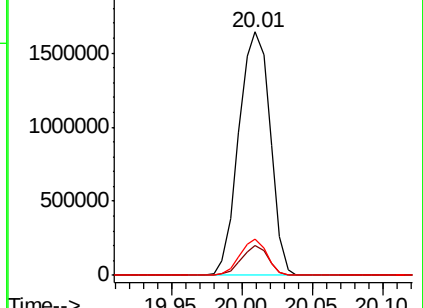
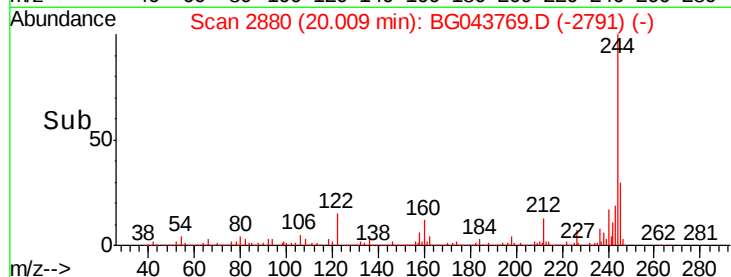
11/26/2019 12:48:46 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.560 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

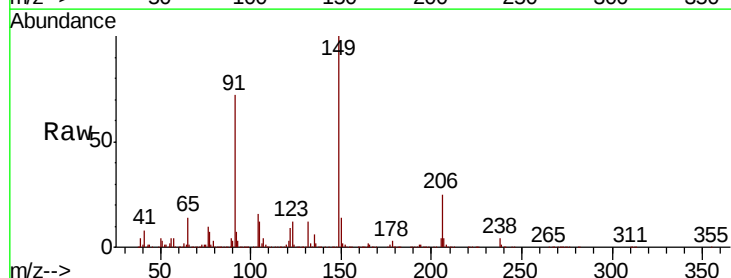
Tgt Ion:149 Resp: 971635

Ion Ratio Lower Upper

149 100

91 71.8 58.8 88.2

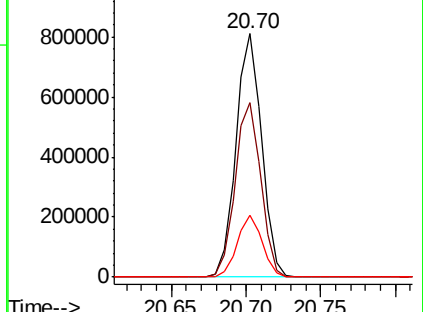
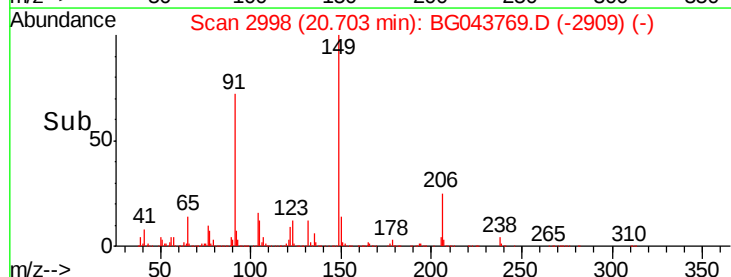
206 25.2 19.8 29.6

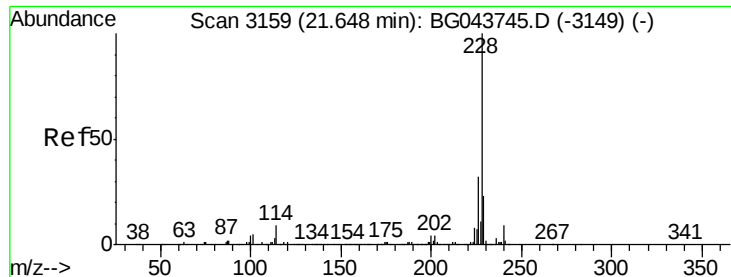


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





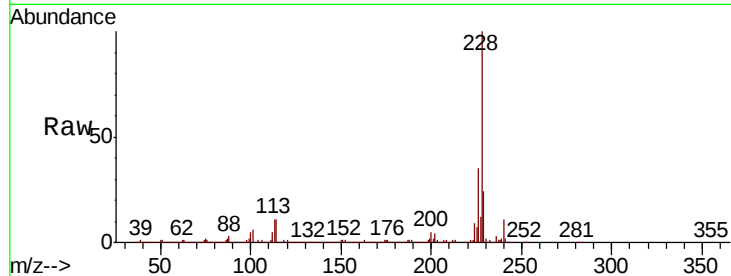
#81
Benzo(a)anthracene
Concen: 38.531 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.4	38.2
229	24.4	18.1	27.1

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM

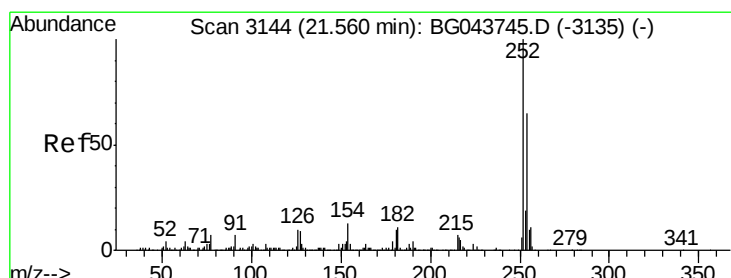
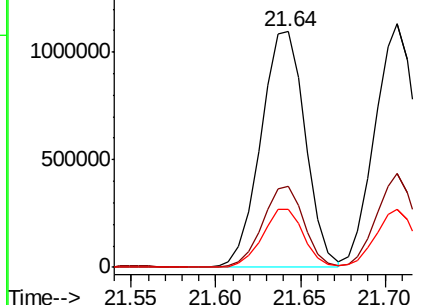
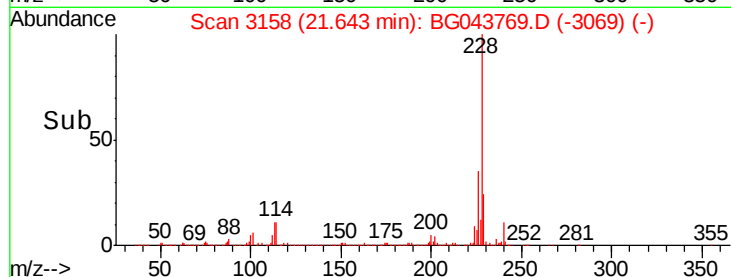


Abundance

Ion 228.00 (227.70 to 228.70): E

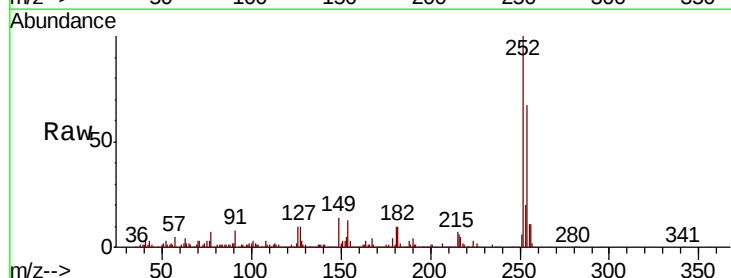
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 36.053 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.6	52.1	78.1
126	10.2	7.8	11.6

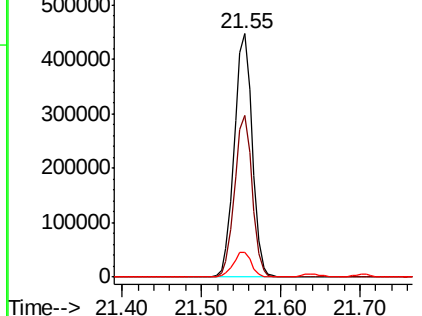
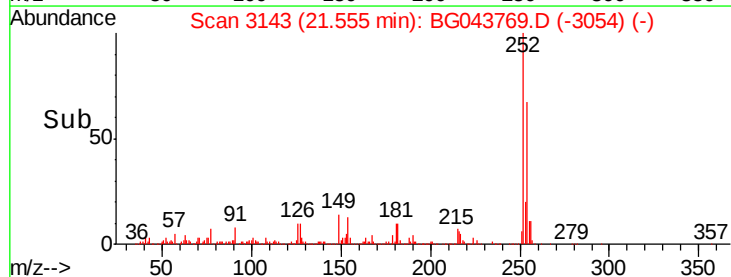


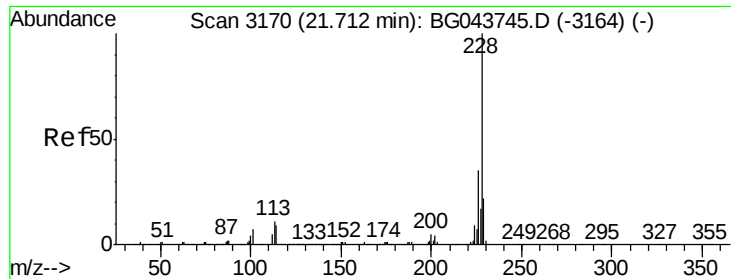
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





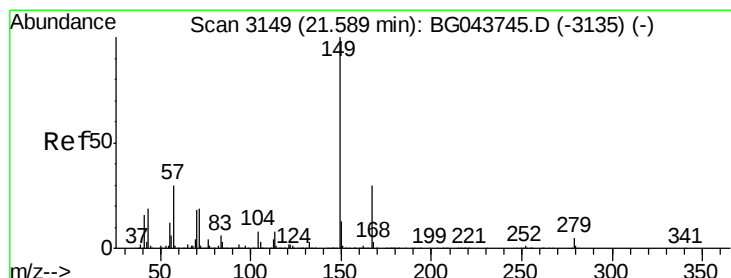
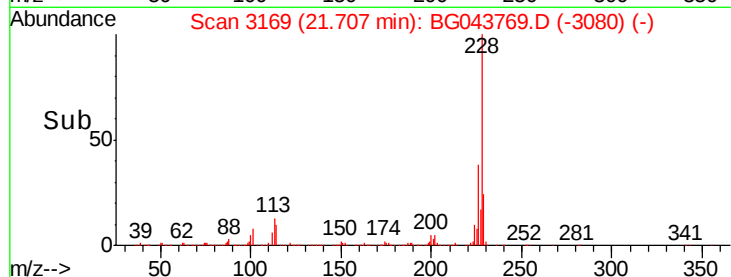
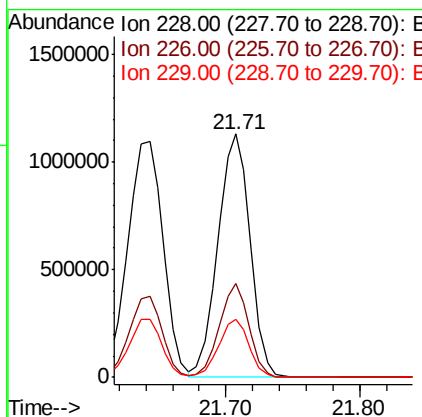
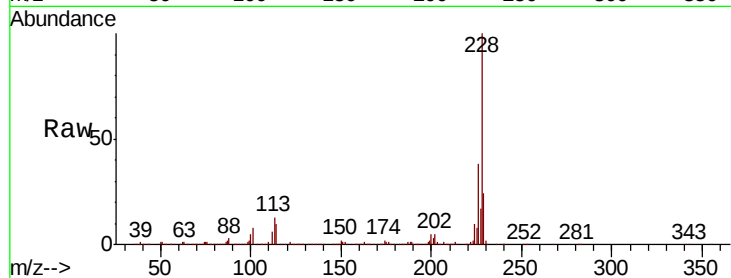
#83
Chrysene
Concen: 38.862 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 228 Resp: 1908989
Ion Ratio Lower Upper
228 100
226 38.3 27.8 41.8
229 24.0 17.9 26.9

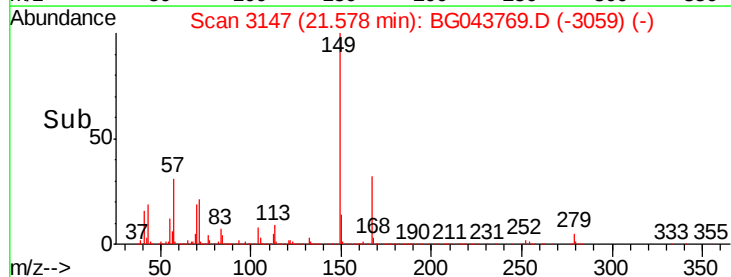
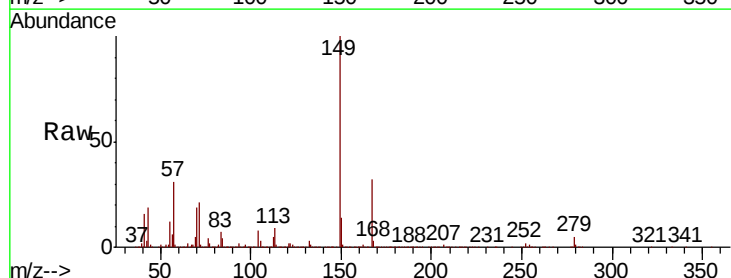
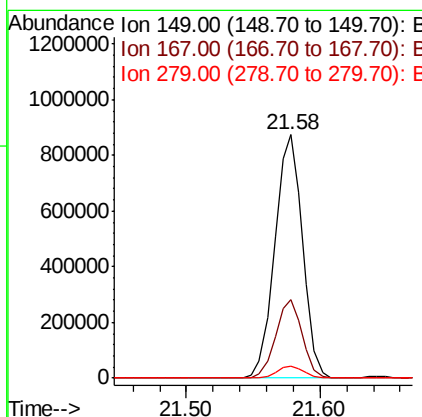
Manual Integrations
APPROVED

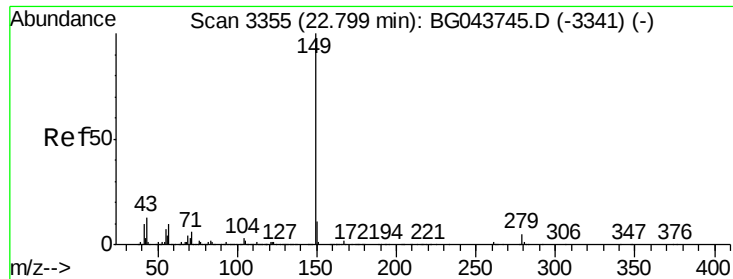
mohammad
11/26/2019 12:48:46 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.418 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion: 149 Resp: 1266166
Ion Ratio Lower Upper
149 100
167 32.0 23.8 35.6
279 5.1 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 35.013 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

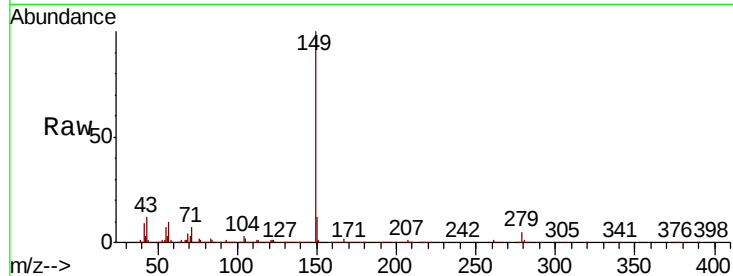
ClientSampleId :

SSTDCCC040

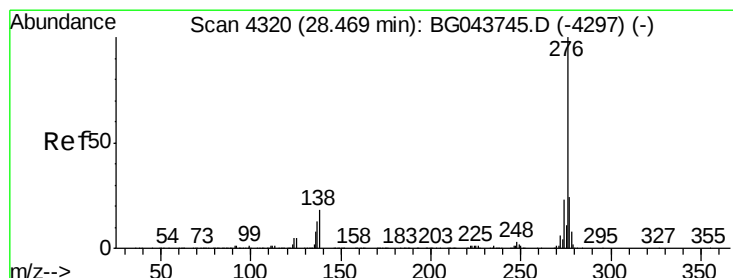
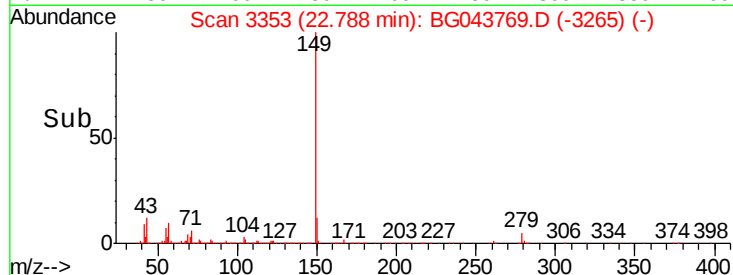
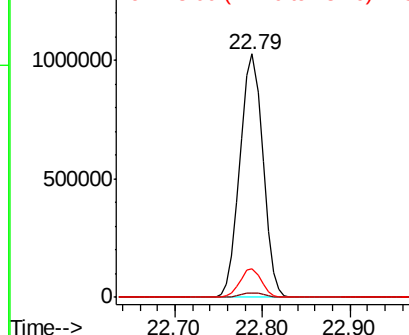
Tot Ion:	149	Resp:	1824251
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.1	9.8	14.6

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.962 ng

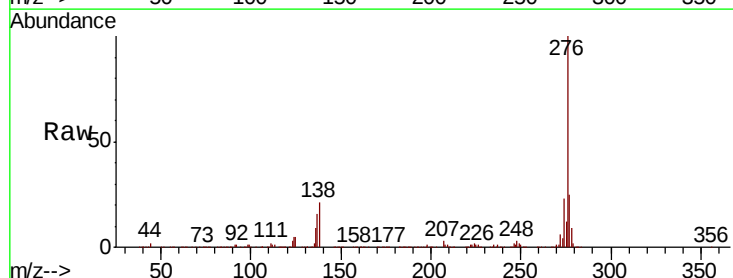
RT: 28.45 min Scan# 4317

Delta R.T. -0.02 min

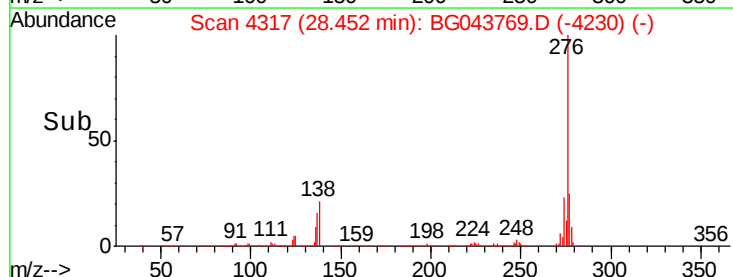
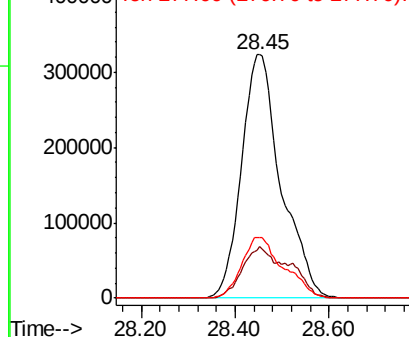
Lab File: BG043769.D

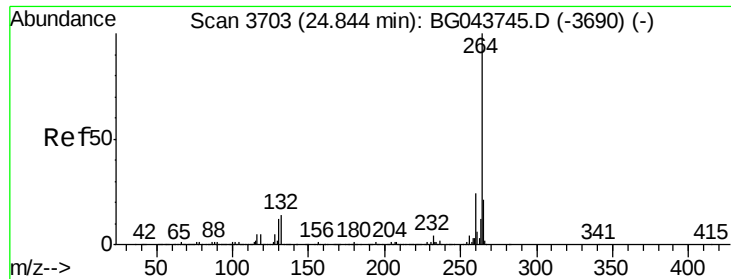
Acq: 25 Nov 2019 14:48

Tgt Ion:	276	Resp:	1883433
Ion	Ratio	Lower	Upper
276	100		
138	16.1	14.5	21.7
277	26.5	21.1	31.7



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Instrument :

BNA_G

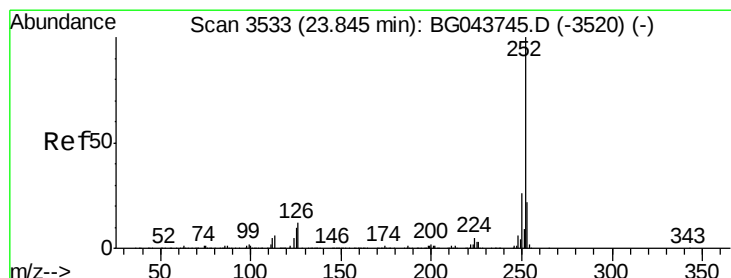
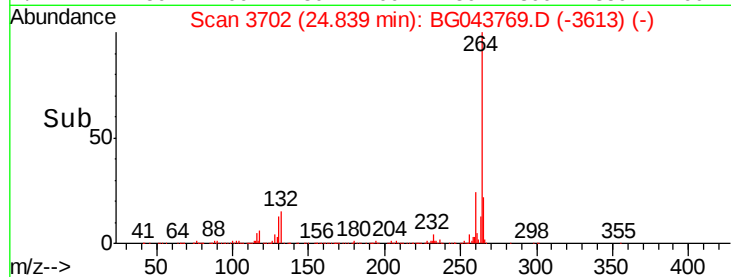
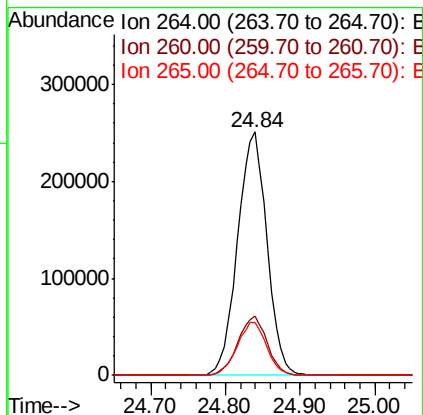
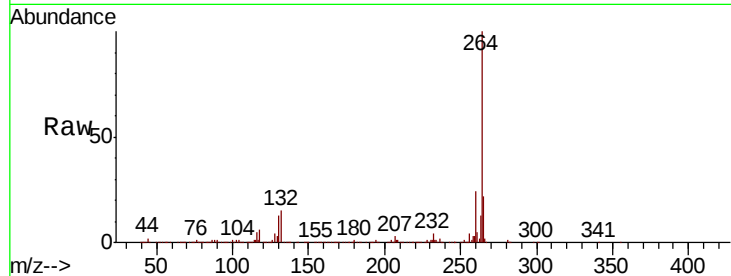
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	683135
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	21.7	17.0	25.6

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM



#88

Benzo(b)fluoranthene

Concen: 41.378 ng

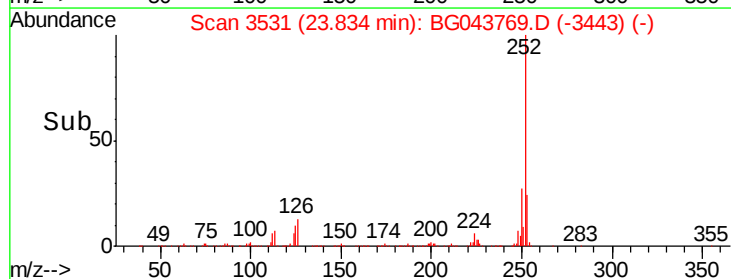
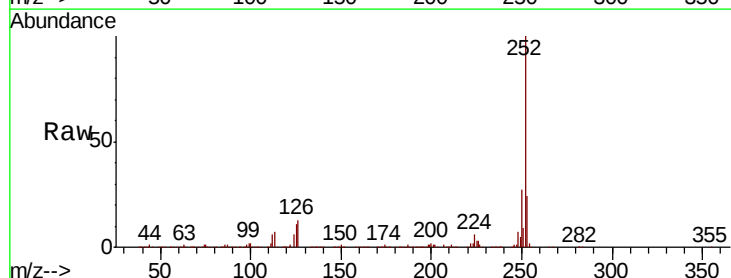
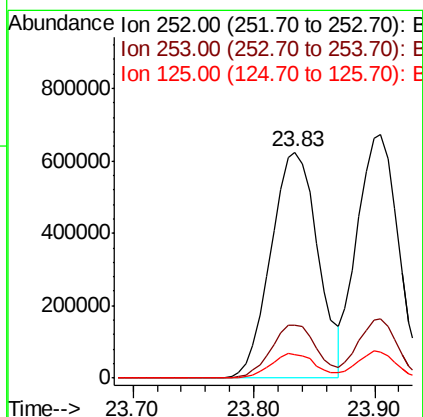
RT: 23.83 min Scan# 3531

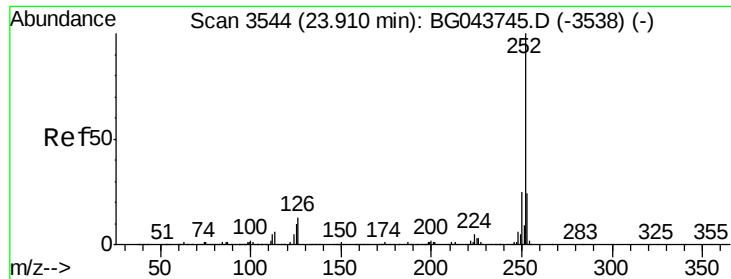
Delta R.T. -0.01 min

Lab File: BG043769.D

Acq: 25 Nov 2019 14:48

Tgt Ion:	252	Resp:	1687696
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.7	26.5
125	10.5	8.0	12.0





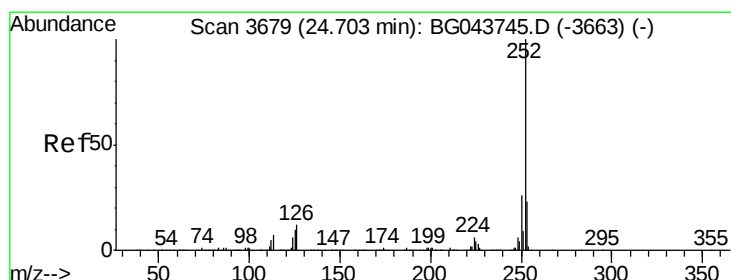
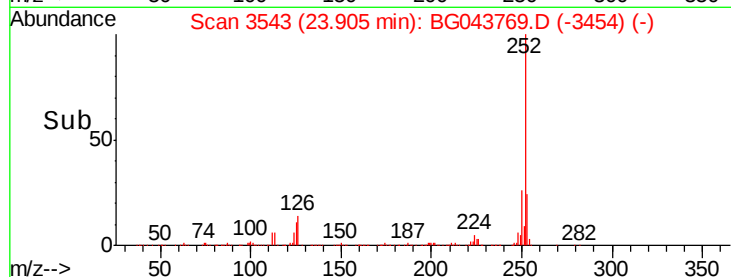
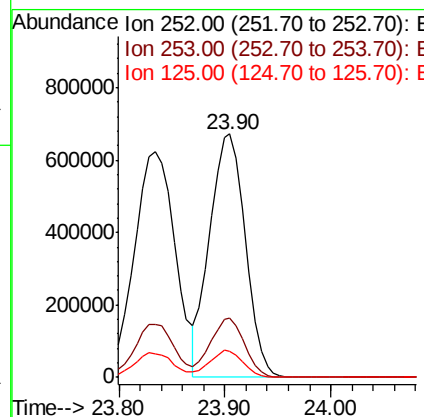
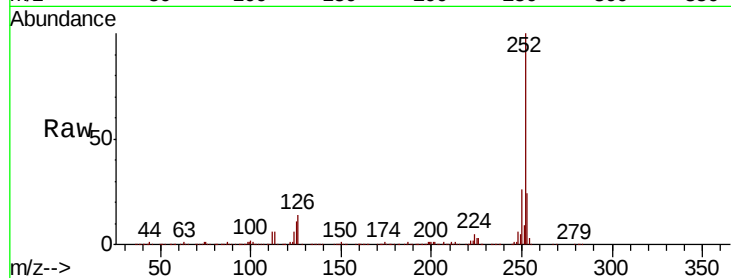
#89
Benzo(k)fluoranthene
Concen: 40.293 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1577258
Ion Ratio Lower Upper
252 100
253 24.4 18.8 28.2
125 10.6 7.7 11.5

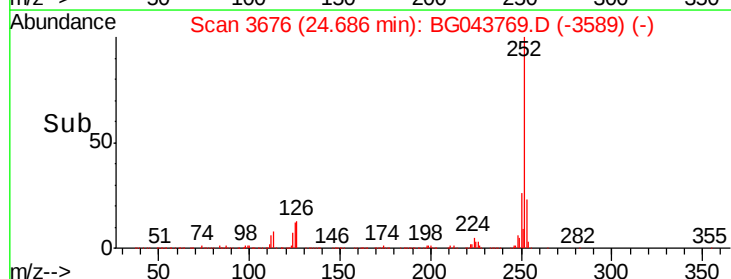
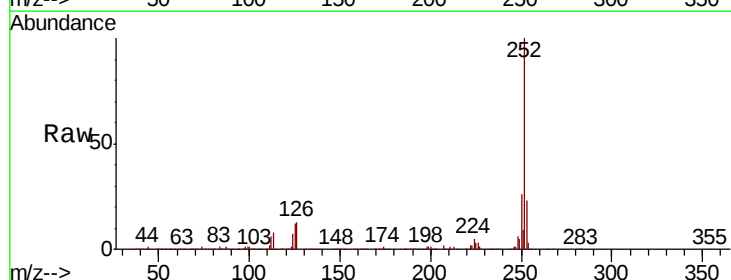
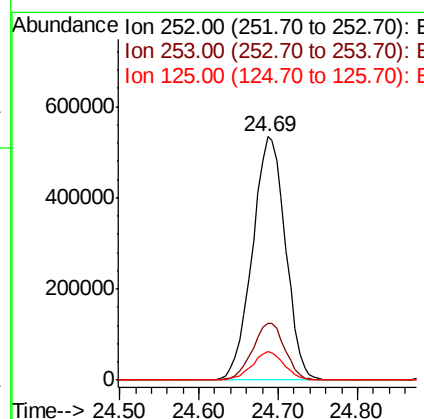
Manual Integrations
APPROVED

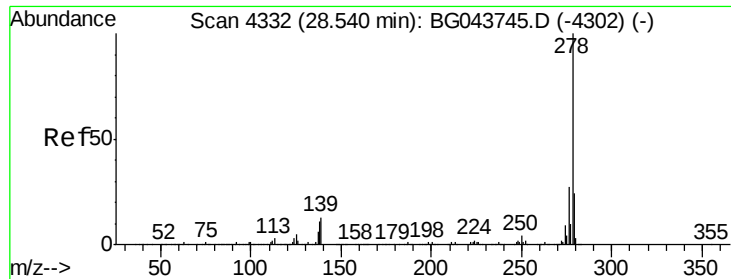
mohammad
11/26/2019 12:48:46 PM



#90
Benzo(a)pyrene
Concen: 40.328 ng
RT: 24.69 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion:252 Resp: 1546702
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 11.7 8.3 12.5





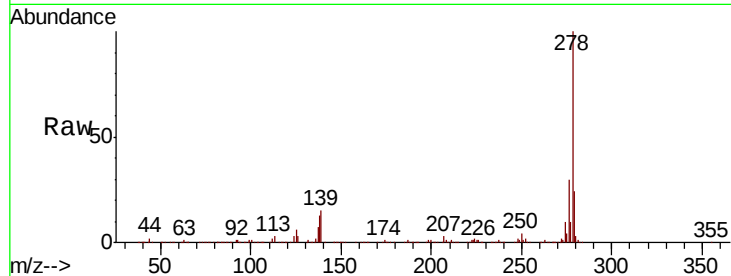
#91
Dibenzo(a,h)anthracene
Concen: 41.008 ng
RT: 28.52 min Scan# 4329
Delta R.T. -0.02 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

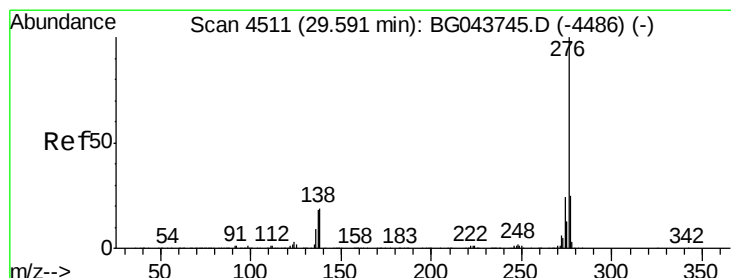
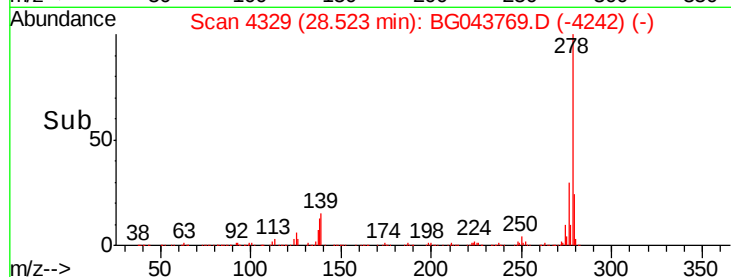
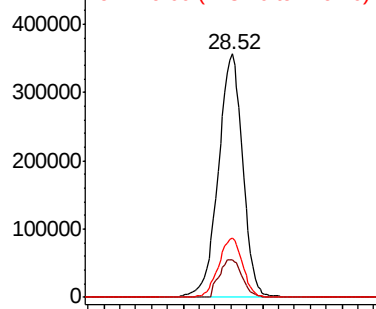
Tot Ion:278 Resp: 1525563
Ion Ratio Lower Upper
278 100
139 15.4 10.4 15.6
279 24.2 19.3 28.9

Manual Integrations
APPROVED

mohammad
11/26/2019 12:48:46 PM

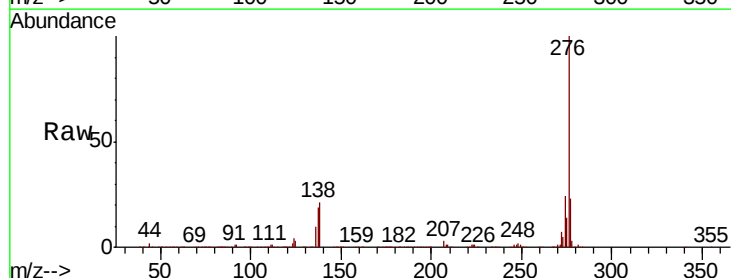


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.154 ng
RT: 29.58 min Scan# 4509
Delta R.T. -0.01 min
Lab File: BG043769.D
Acq: 25 Nov 2019 14:48

Tgt Ion:276 Resp: 1509789
Ion Ratio Lower Upper
276 100
277 23.4 19.7 29.5
138 20.6 14.9 22.3



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

