

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042997.D
 Acq On : 2 Oct 2019 22:57
 Operator : JU
 Sample : K5133-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-1MS

Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:04 AM

Quant Time: Oct 03 05:41:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	64560	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	248189	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	179227	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	431678	20.00	ng	0.00
76) Chrysene-d12	21.70	240	460468	20.00	ng	-0.01
87) Perylene-d12	24.92	264	547555	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	390706	108.00	ng	0.00
7) Phenol-d6	7.24	99	560346	107.56	ng	0.00
23) Nitrobenzene-d5	9.23	82	350753	68.69	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	335580	108.89	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	827415	66.93	ng	-0.01
79) Terphenyl-d14	20.04	244	1498914	69.36	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	50434	33.438	ng	96
3) Pyridine	3.95	79	128065	30.188	ng	94
4) n-Nitrosodimethylamine	3.86	42	80206	39.316	ng	90
6) Aniline	7.40	93	158390	25.187	ng	98
8) 2-Chlorophenol	7.64	128	167945	44.516	ng	97
9) Benzaldehyde	7.20	77	107472	33.760	ng	91
10) Phenol	7.27	94	221975	46.442	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	144381	39.042	ng	98
12) 1,3-Dichlorobenzene	7.96	146	185028	38.446	ng	97
13) 1,4-Dichlorobenzene	8.10	146	191609	39.938	ng	98
14) 1,2-Dichlorobenzene	8.43	146	181822	39.807	ng	96
15) Benzyl Alcohol	8.31	79	163264	41.684	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	244862	34.478	ng	97
17) 2-Methylphenol	8.51	107	143282	42.843	ng	96
18) Hexachloroethane	9.15	117	67837	37.544	ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	129650	37.901	ng	# 94
20) 3+4-Methylphenols	8.84	107	198684	43.352	ng	98
22) Acetophenone	8.89	105	248778	38.887	ng	# 97
24) Nitrobenzene	9.27	77	199886	41.040	ng	97
25) Isophorone	9.79	82	362096	40.371	ng	100
26) 2-Nitrophenol	9.98	139	97133	46.847	ng	98
27) 2,4-Dimethylphenol	10.04	122	159884	50.212	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	202944	39.880	ng	99
29) 2,4-Dichlorophenol	10.52	162	183558	46.352	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	204274	39.944	ng	99
31) Naphthalene	10.92	128	513846	42.058	ng	99
32) Benzoic acid	10.19	122	104822	43.221	ng	93
33) 4-Chloroaniline	11.03	127	92698	17.485	ng	98
34) Hexachlorobutadiene	11.21	225	147689	38.570	ng	96
35) Caprolactam	11.80	113	57901m	41.461	ng	
36) 4-Chloro-3-methylphenol	12.15	107	198137	46.017	ng	94
37) 2-Methylnaphthalene	12.52	142	393505	42.220	ng	97
38) 1-Methylnaphthalene	12.74	142	372211	42.204	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	263212	39.059	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042997.D
 Acq On : 2 Oct 2019 22:57
 Operator : JU
 Sample : K5133-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-1MS

Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:04 AM

Quant Time: Oct 03 05:41:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	318502	74.180	nq	95
43) 2,4,6-Trichlorophenol	13.13	196	172707	43.787	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	190351	46.848	nq	98
46) 1,1'-Biphenyl	13.53	154	538168	39.596	nq	98
47) 2-Chloronaphthalene	13.57	162	426738	41.877	nq	98
48) 2-Nitroaniline	13.77	65	140063	41.332	nq	96
49) Acenaphthylene	14.41	152	675832	43.343	nq	99
50) Dimethylphthalate	14.14	163	656110	48.858	nq	98
51) 2,6-Dinitrotoluene	14.25	165	125141	43.759	nq	94
52) Acenaphthene	14.75	154	413076	39.578	nq	99
53) 3-Nitroaniline	14.59	138	77978	26.385	nq	99
54) 2,4-Dinitrophenol	14.79	184	139247	78.335	nq	93
55) Dibenzofuran	15.09	168	660148	42.758	nq	98
56) 4-Nitrophenol	14.91	139	207944	92.344	nq	97
57) 2,4-Dinitrotoluene	15.04	165	181375	43.310	nq	98
58) Fluorene	15.73	166	559323	42.433	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	188357	43.538	nq	99
60) Diethylphthalate	15.50	149	544699	39.856	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	324191	41.009	nq	98
62) 4-Nitroaniline	15.75	138	127429	39.534	nq	93
63) Azobenzene	16.02	77	508087	40.835	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	104292	42.695	nq	98
66) n-Nitrosodiphenylamine	15.94	169	499073	43.795	nq	98
67) 4-Bromophenyl-phenylether	16.62	248	225450	41.611	nq	98
68) Hexachlorobenzene	16.74	284	249983	41.439	nq	96
69) Atrazine	16.89	200	192329	40.079	nq	99
70) Pentachlorophenol	17.08	266	314461	90.338	nq	99
71) Phenanthrene	17.47	178	885594	42.022	nq	98
72) Anthracene	17.56	178	905437	43.036	nq	99
73) Carbazole	17.83	167	824390	42.255	nq	99
74) Di-n-butylphthalate	18.39	149	949080	40.772	nq	99
75) Fluoranthene	19.48	202	1151666	41.315	nq	99
77) Benzidine	19.66	184	583206	50.583	nq	99
78) Pyrene	19.84	202	1173318	42.692	nq	99
80) Butylbenzylphthalate	20.73	149	439616	42.141	nq	97
81) Benzo(a)anthracene	21.68	228	1211052	42.210	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	277789	24.686	nq	99
83) Chrysene	21.75	228	1162544	41.754	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	633513	42.678	nq	100
85) Di-n-octyl phthalate	22.80	149	1087719	44.811	nq	98
86) Indeno(1,2,3-cd)pyrene	28.60	276	1538864	44.396	nq	99
88) Benzo(b)fluoranthene	23.90	252	1317454	42.523	nq	98
89) Benzo(k)fluoranthene	23.97	252	1274657	41.588	nq	99
90) Benzo(a)pyrene	24.78	252	1274656	43.607	nq	100
91) Dibenzo(a,h)anthracene	28.67	278	1296550	43.257	nq	97
92) Benzo(g,h,i)perylene	29.75	276	1289391	44.398	nq	98

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



#1

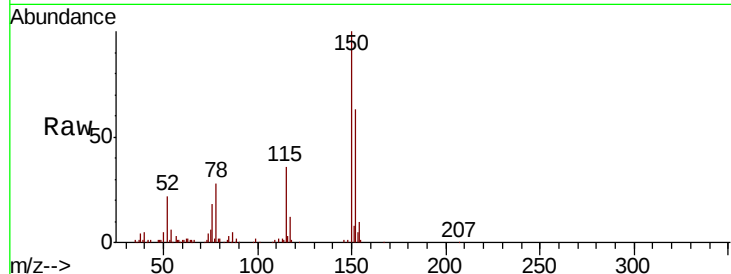
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	115.0	172.4
115	57.3	47.0	70.6

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM

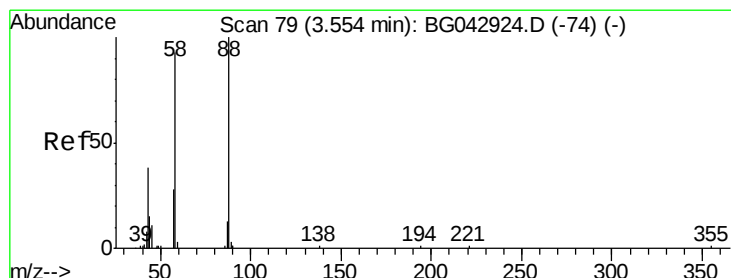
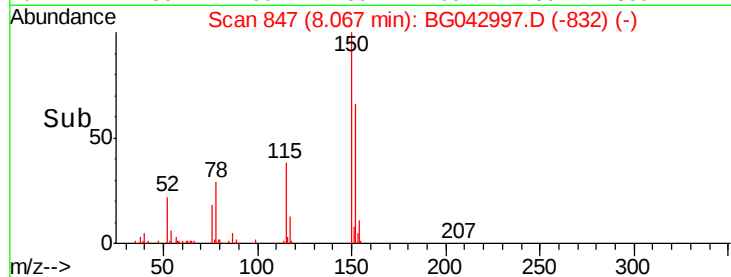
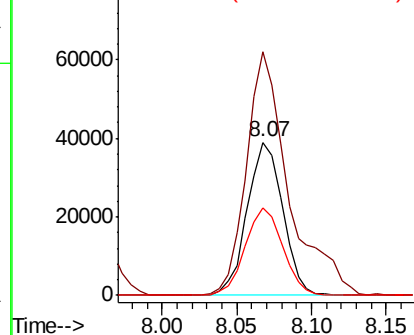


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

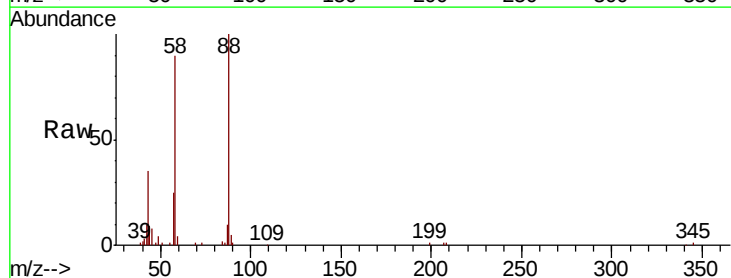
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.438 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	74.3	111.5
43	37.9	29.8	44.8

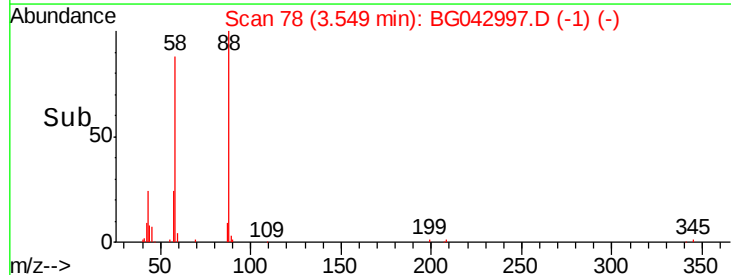
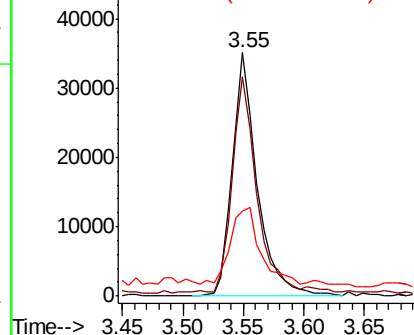


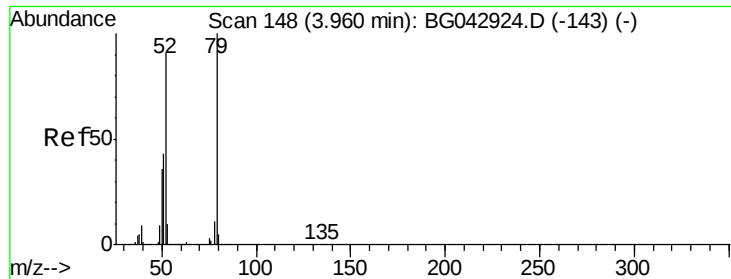
Abundance

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





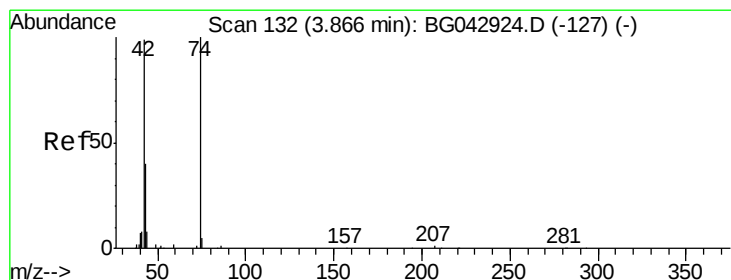
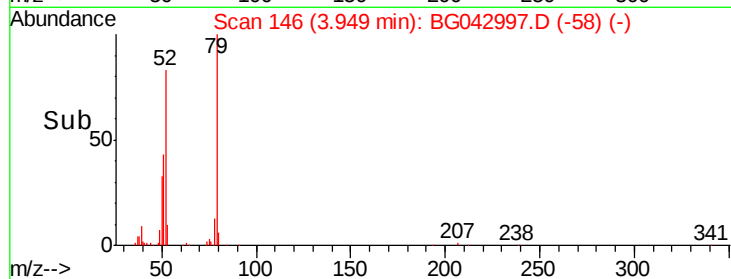
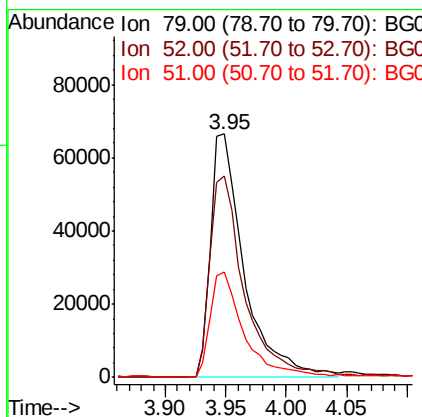
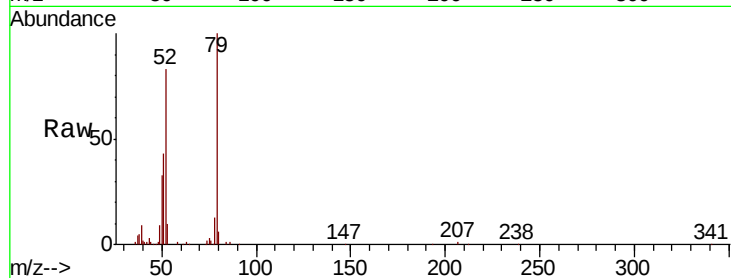
#3
 Pvridine
 Concen: 30.188 ng
 RT: 3.95 min Scan# 146
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Instrument :
 BNA_G
 ClientSampleId :
 S-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.6	73.0	109.4
51	43.5	35.1	52.7

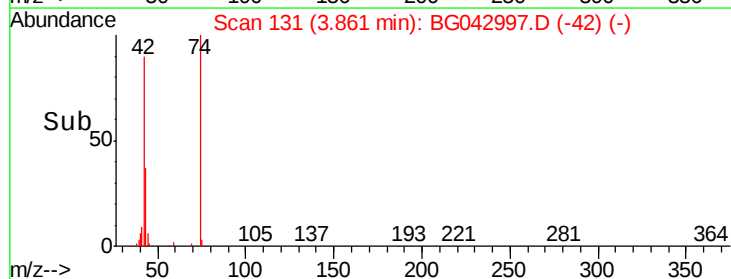
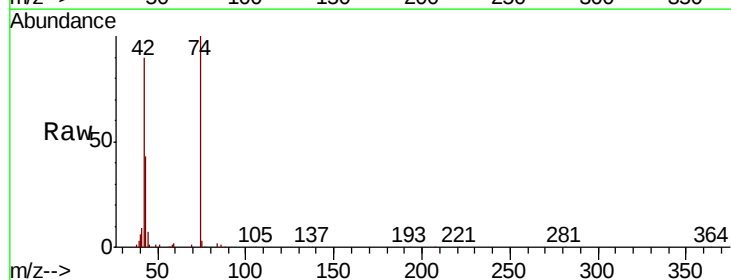
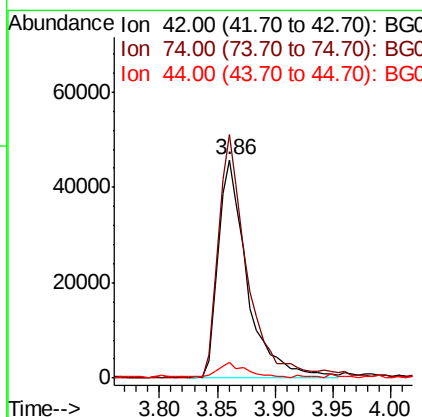
Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:04 AM



#4
 n-Nitrosodimethylamine
 Concen: 39.316 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.5	80.5	120.7
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 108.002 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

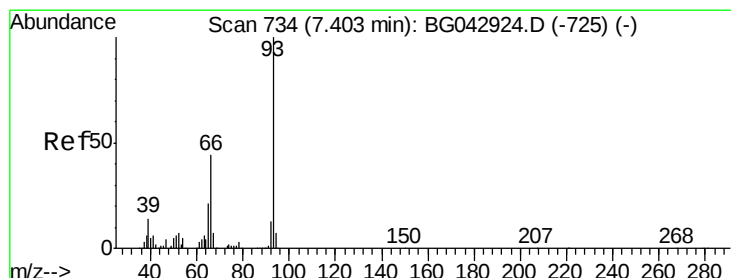
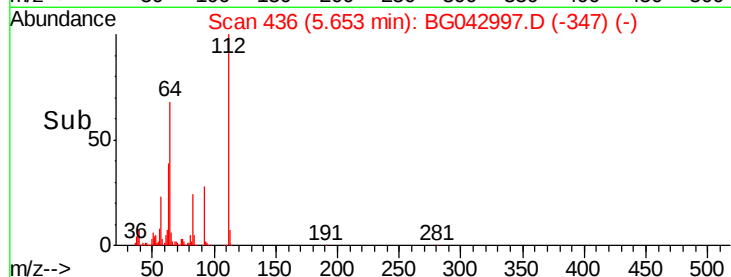
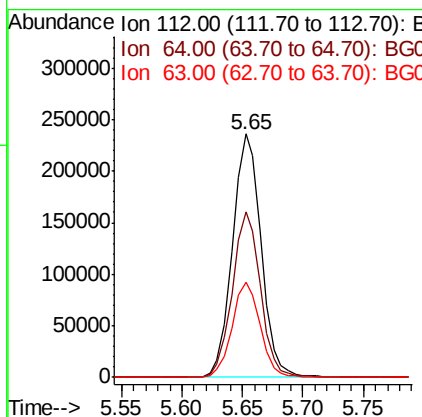
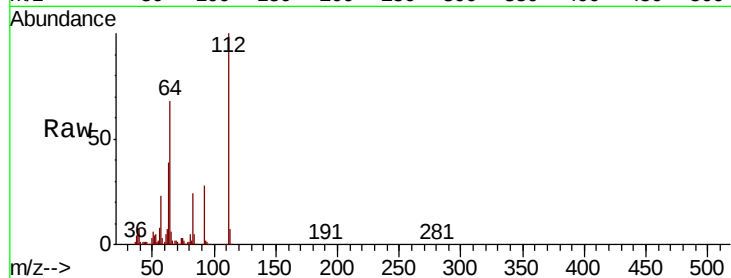
ClientSampleId :

S-1MS

Tot Ion:	112	Resp:	390706
Ion Ratio	Lower	Upper	
112	100		
64	68.1	56.6	84.8
63	39.0	35.1	52.7

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



#6

Aniline

Concen: 25.187 ng

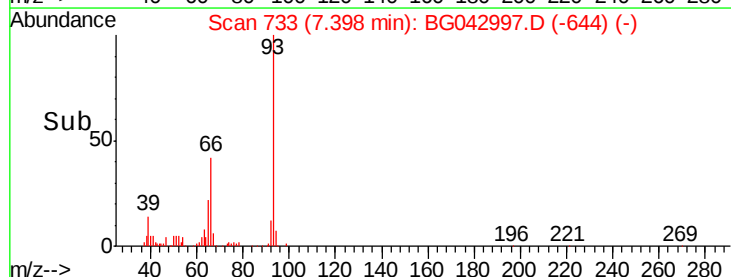
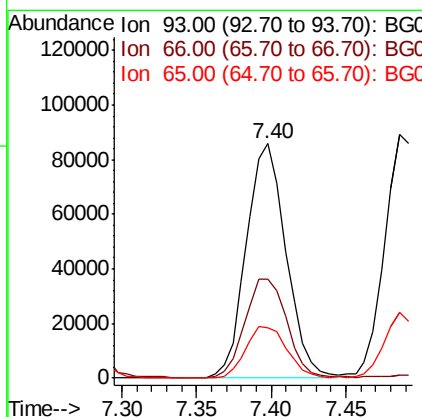
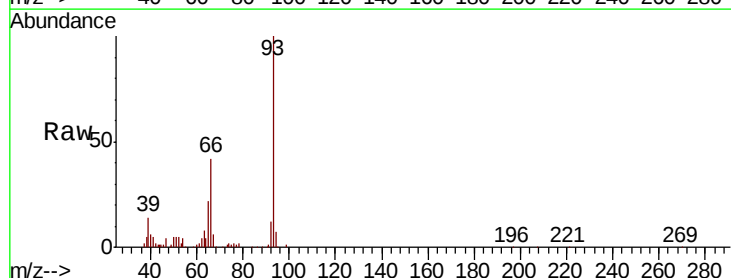
RT: 7.40 min Scan# 733

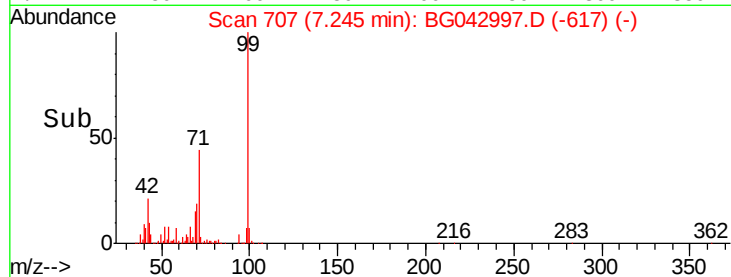
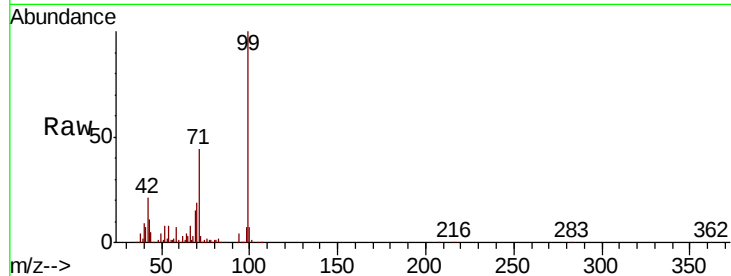
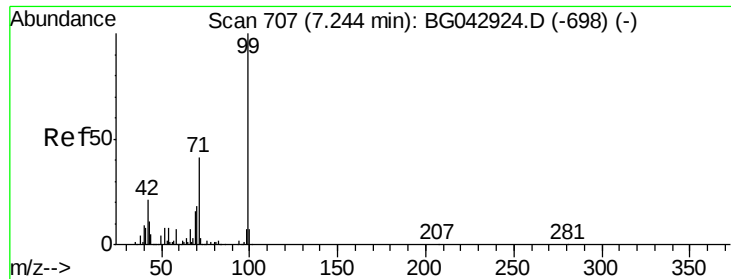
Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion:	93	Resp:	158390
Ion Ratio	Lower	Upper	
93	100		
66	42.2	35.0	52.6
65	21.7	17.4	26.0





#7

Phenol-d6

Concen: 107.562 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tot Ion:	99	Resp:	560346
Ion Ratio	Lower	Upper	
99	100		
42	21.0	17.2	25.8
71	43.9	33.1	49.7

Instrument :

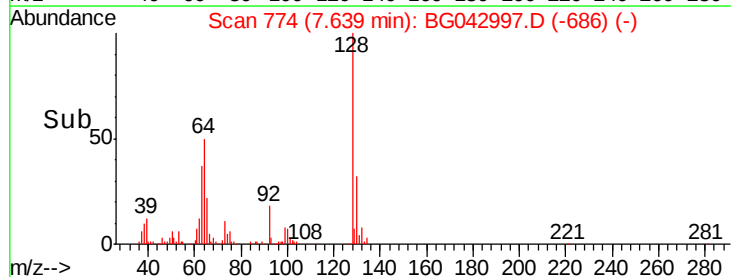
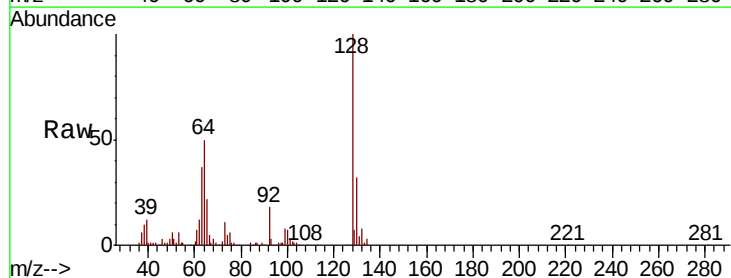
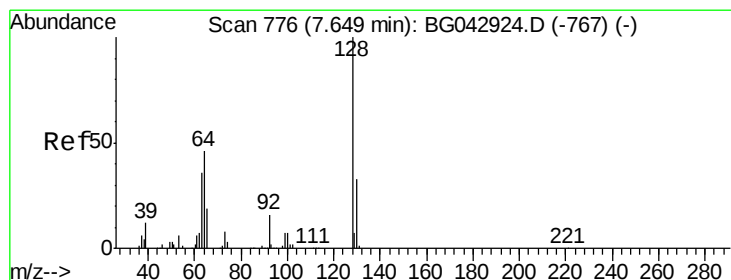
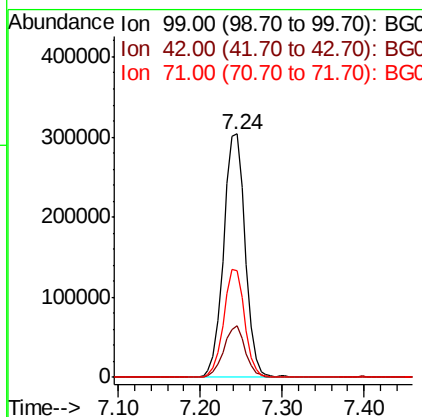
BNA_G

ClientSampleId :

S-1MS

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



#8

2-Chlorophenol

Concen: 44.516 ng

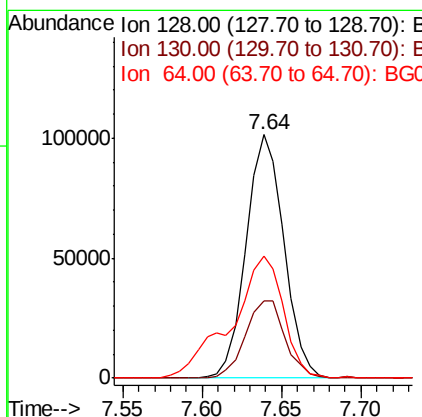
RT: 7.64 min Scan# 774

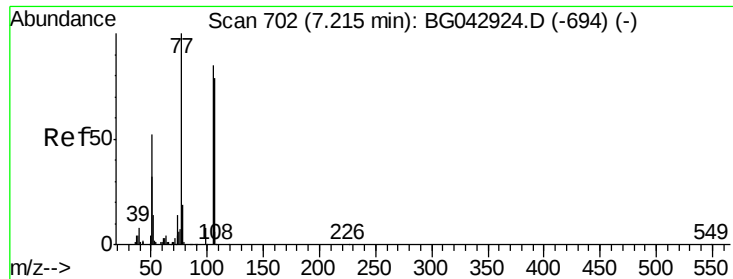
Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion:	128	Resp:	167945
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.5	52.5
64	50.0	32.8	72.8





#9

Benzaldehyde

Concen: 33.760 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

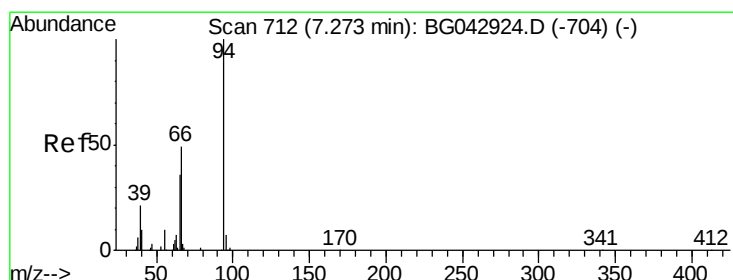
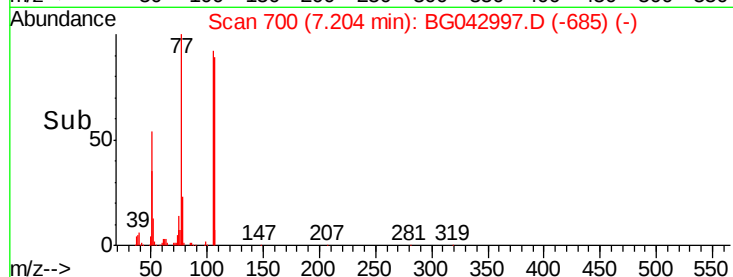
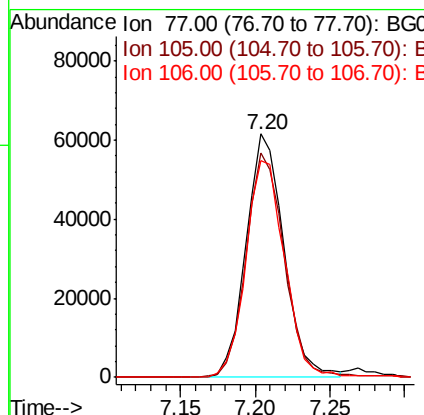
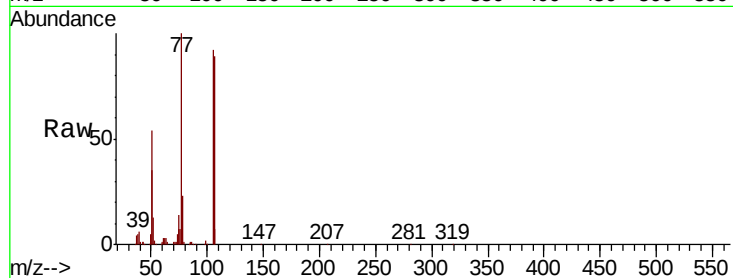
ClientSampleId :

S-1MS

Tot Ion:	77	Resp:	107472
Ion Ratio	Lower	Upper	
77	100		
105	92.1	64.6	104.6
106	88.9	59.4	99.4

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



#10

Phenol

Concen: 46.442 ng

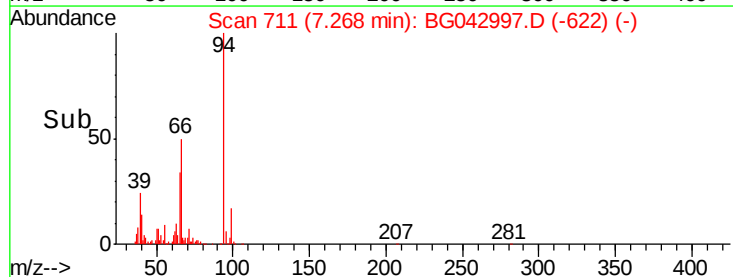
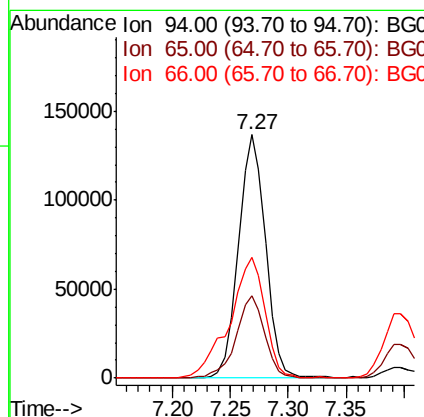
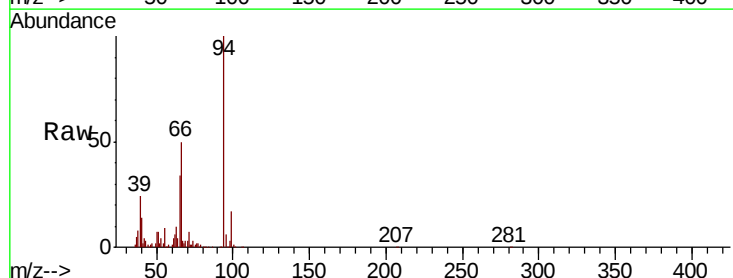
RT: 7.27 min Scan# 711

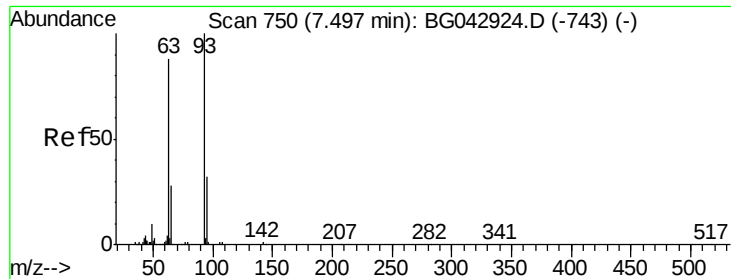
Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion:	94	Resp:	221975
Ion Ratio	Lower	Upper	
94	100		
65	33.7	16.6	56.6
66	49.7	32.4	72.4





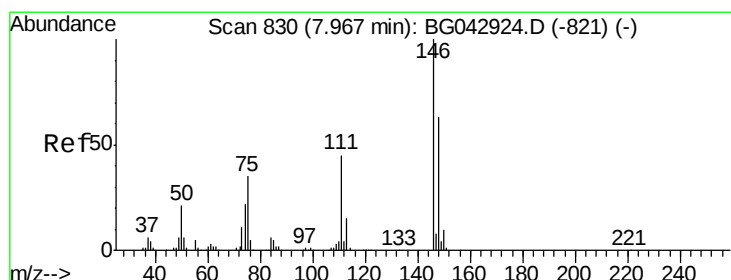
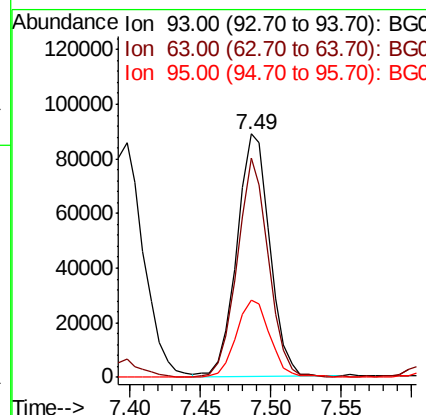
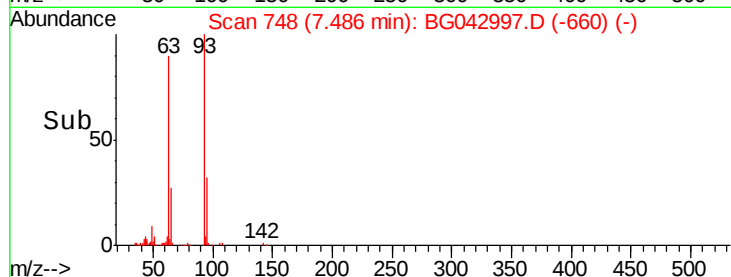
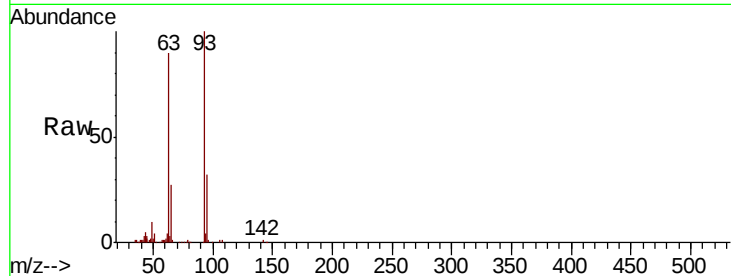
#11
bis(2-Chloroethyl)ether
Concen: 39.042 ng
RT: 7.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.2	67.4	107.4
95	31.8	11.9	51.9

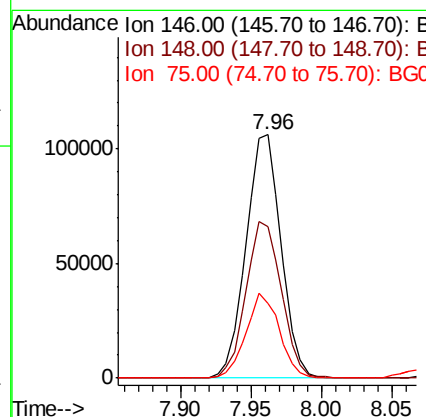
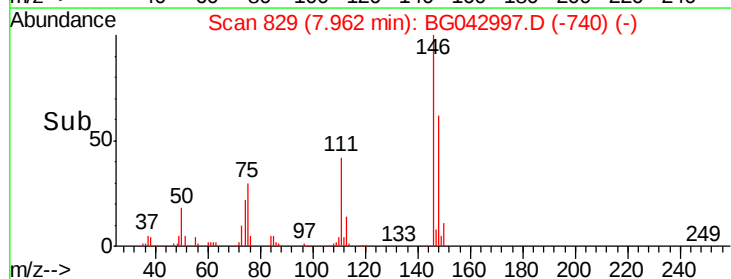
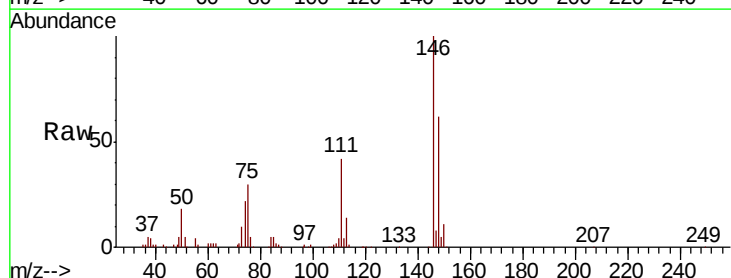
Manual Integrations
APPROVED

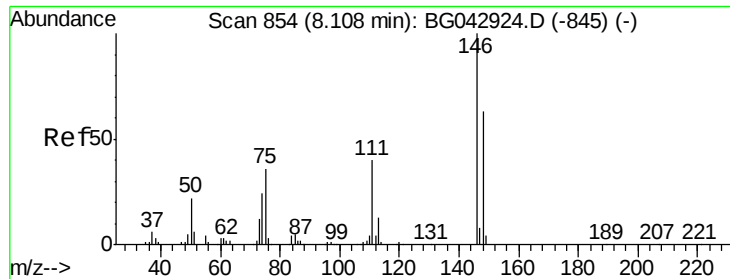
mohammad
10/4/2019 8:18:04 AM



#12
1,3-Dichlorobenzene
Concen: 38.446 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.7	76.1
75	30.4	27.7	41.5





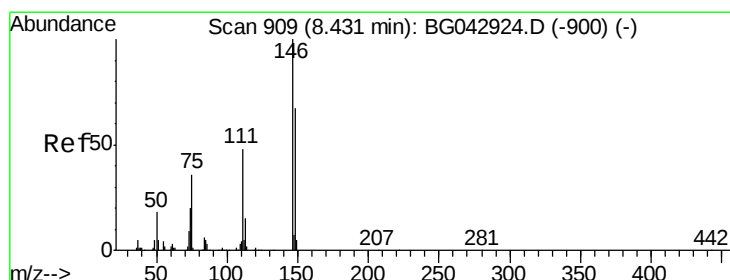
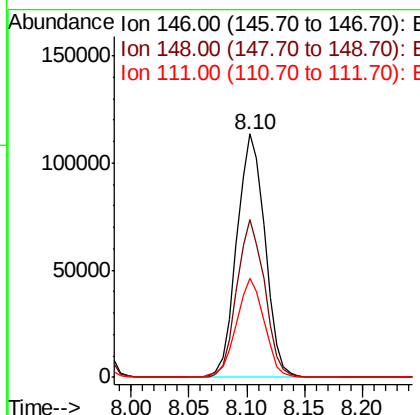
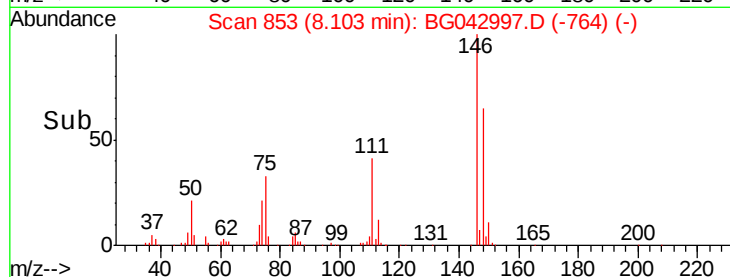
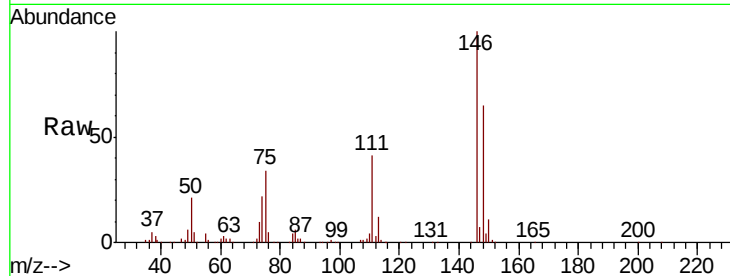
#13
 1,4-Dichlorobenzene
 Concen: 39.938 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Instrument :
 BNA_G
 ClientSampleID :
 S-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.9	76.3
111	40.6	31.8	47.8

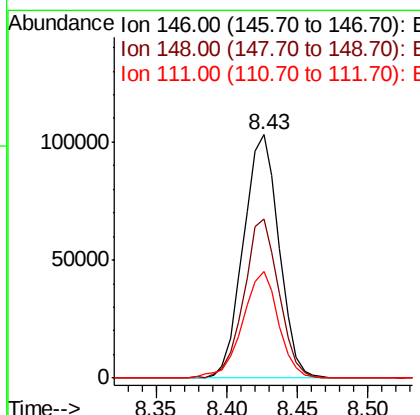
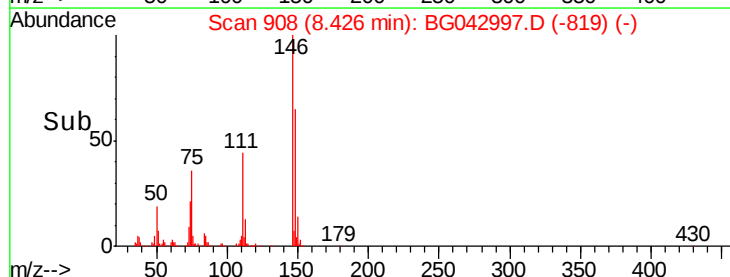
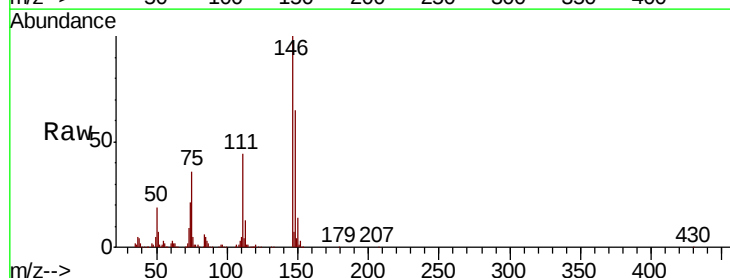
Manual Integrations
 APPROVED

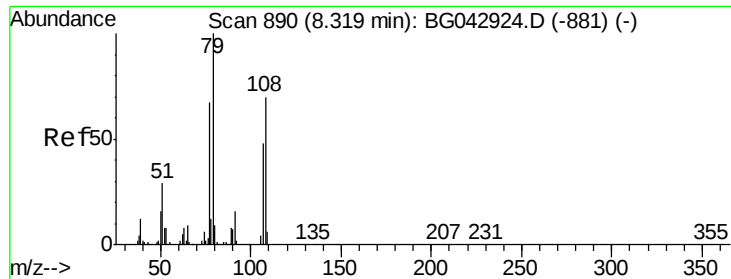
mohammad
 10/4/2019 8:18:04 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.807 ng
 RT: 8.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	53.4	80.2
111	43.8	38.5	57.7





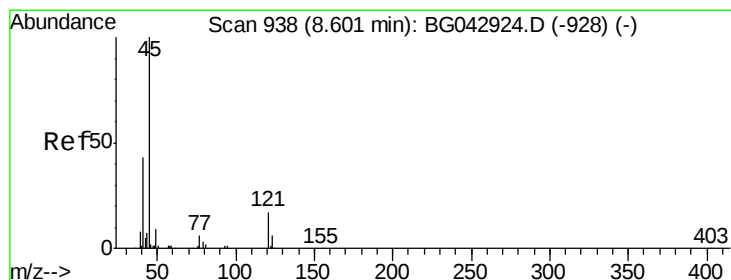
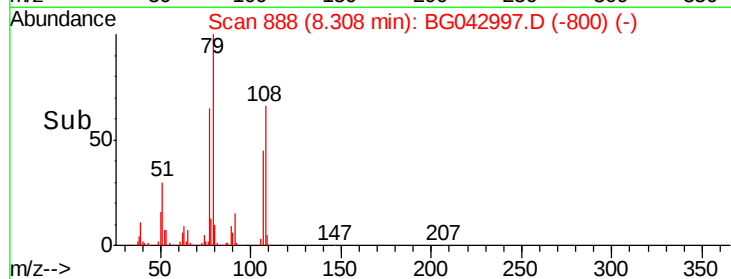
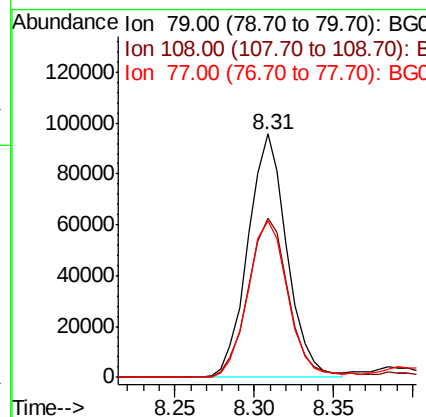
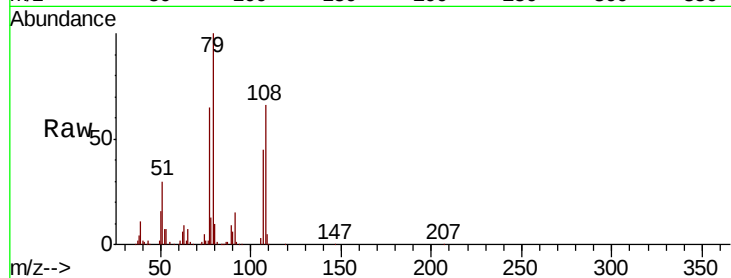
#15
Benzyl Alcohol
Concen: 41.684 ng
RT: 8.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.5	55.7	83.5
77	64.5	53.3	79.9

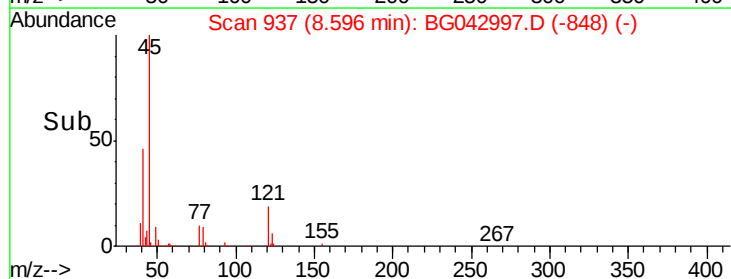
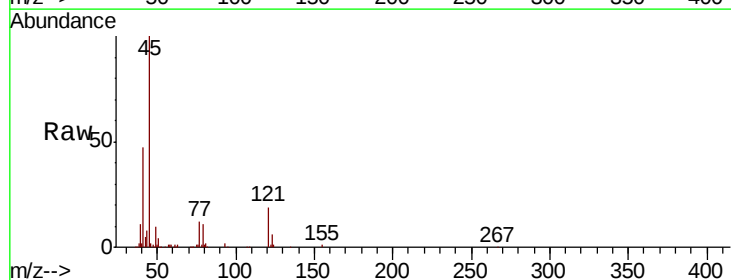
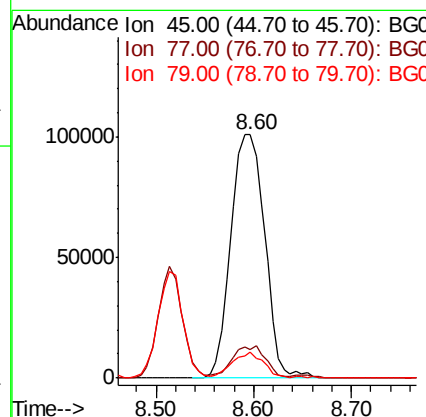
Manual Integrations
APPROVED

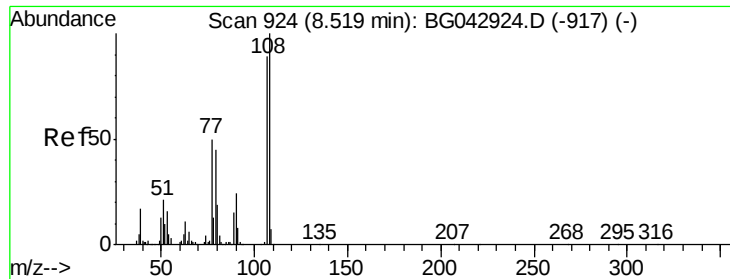
mohammad
10/4/2019 8:18:04 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.478 ng
RT: 8.60 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	32.8
79	10.6	0.0	29.4





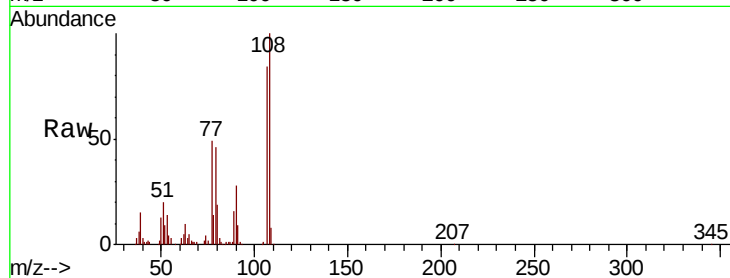
#17
2-Methylphenol
Concen: 42.843 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

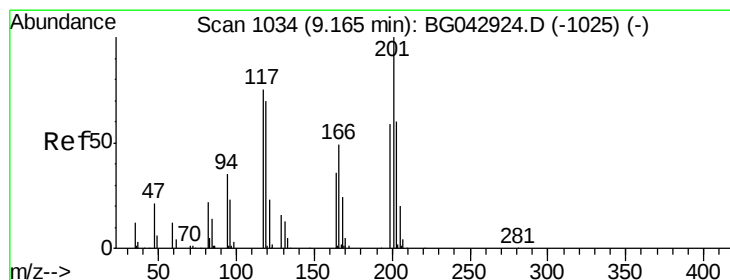
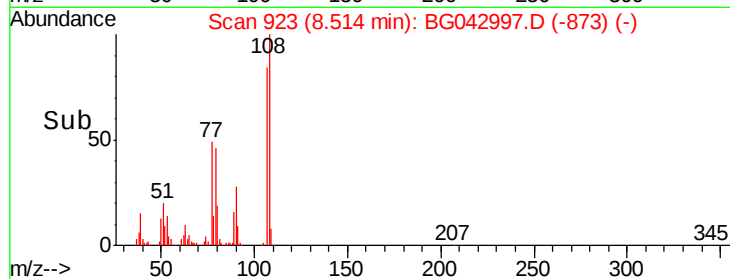
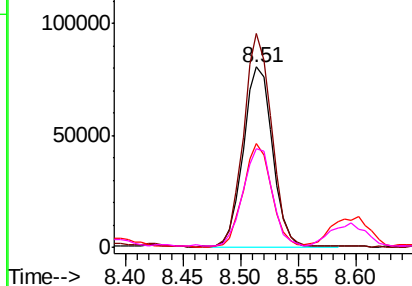
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	118.7	89.9	134.9	
77	57.7	45.4	68.2	
79	55.0	41.4	62.0	

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM

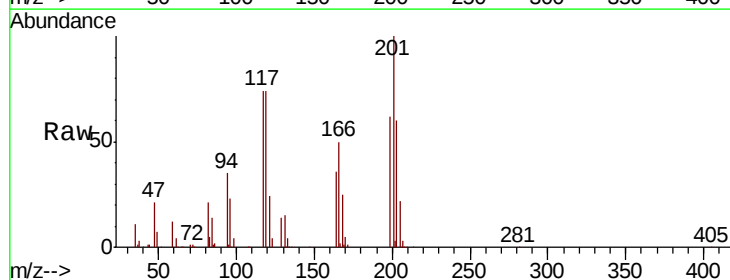


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGO
Ion 79.00 (78.70 to 79.70): BGO

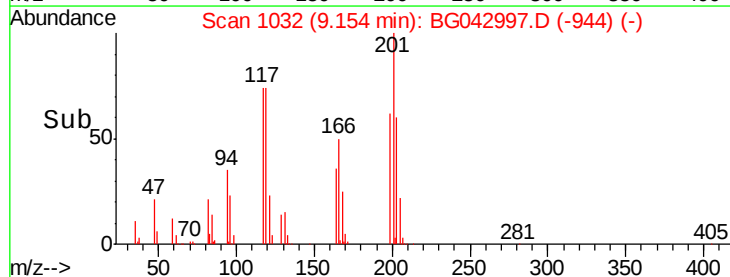
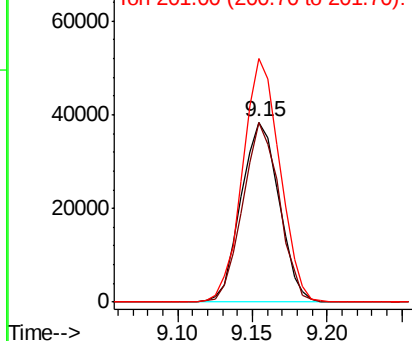


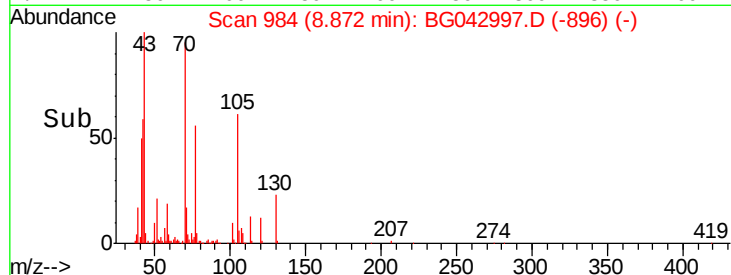
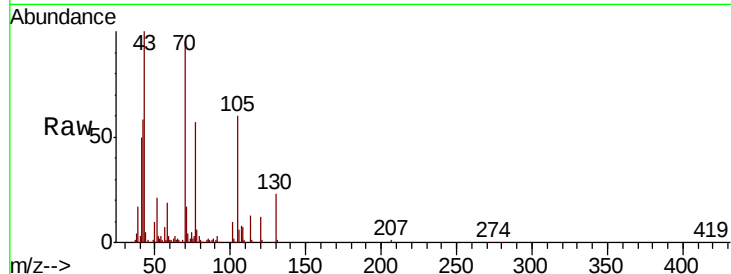
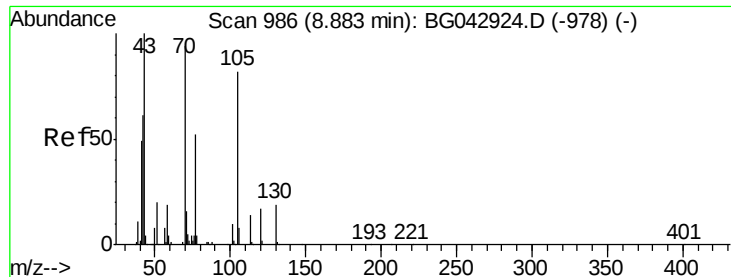
#18
Hexachloroethane
Concen: 37.544 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.0	74.6	111.8	
201	135.2	106.0	159.0	



Abundance Ion 117.00 (116.70 to 117.70): E
60000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





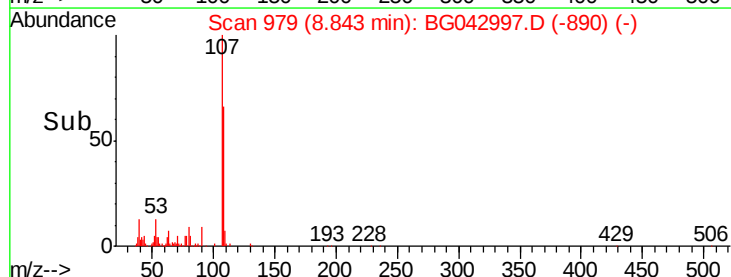
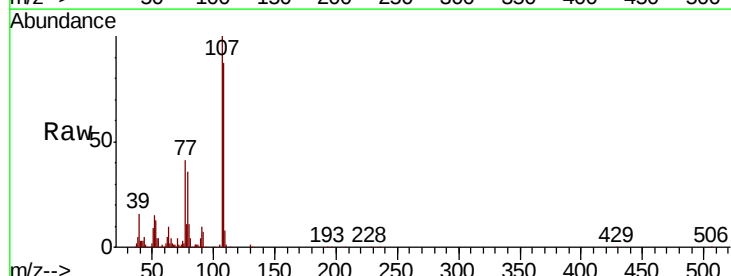
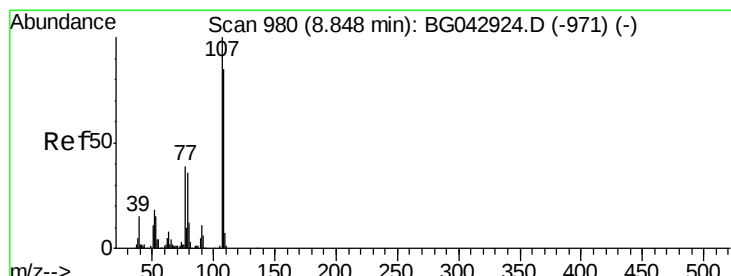
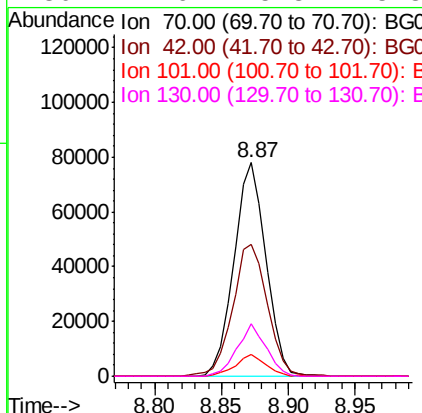
#19
n-Nitroso-di-n-propylamine
Concen: 37.901 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.5	52.6	79.0	
101	10.3	8.7	13.1	
130	24.6	15.8	23.8	

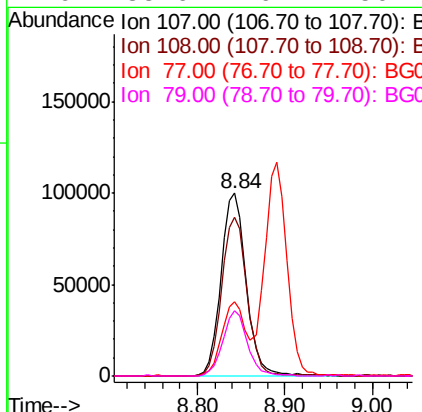
Manual Integrations
APPROVED

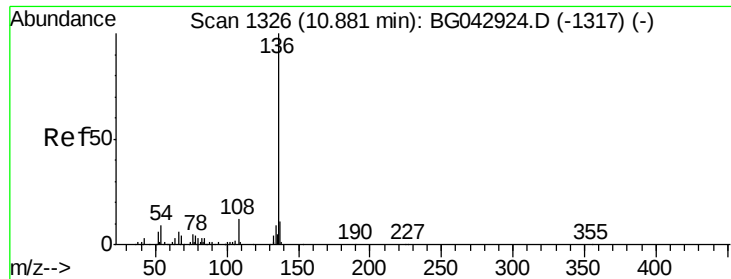
mohammad
10/4/2019 8:18:04 AM



#20
3+4-Methylphenols
Concen: 43.352 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	64.9	104.9	
77	40.6	19.4	59.4	
79	35.6	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

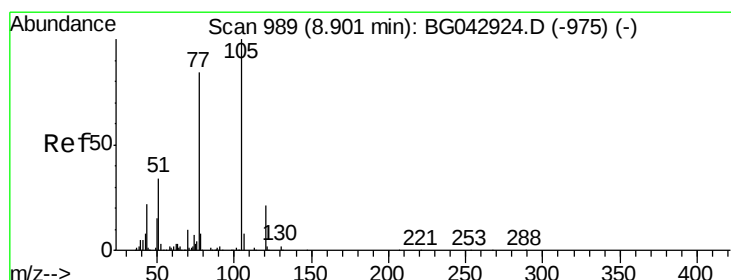
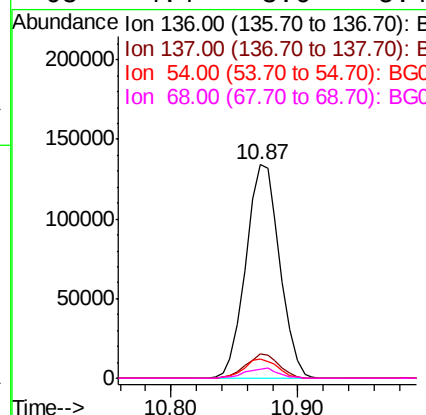
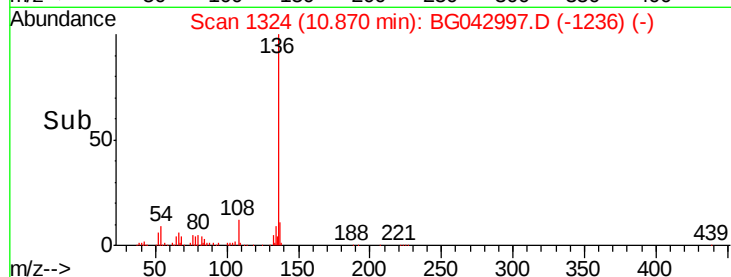
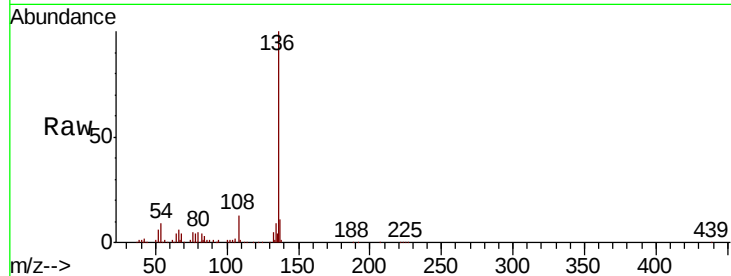
ClientSampleId :

S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	248189		
137	11.4		8.5	12.7
54	8.8		7.4	11.2
68	4.4		3.6	5.4

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



#22

Acetophenone

Concen: 38.887 ng

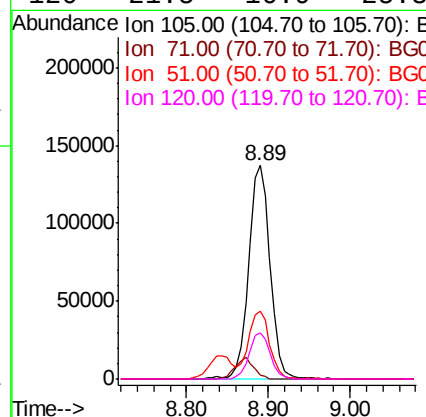
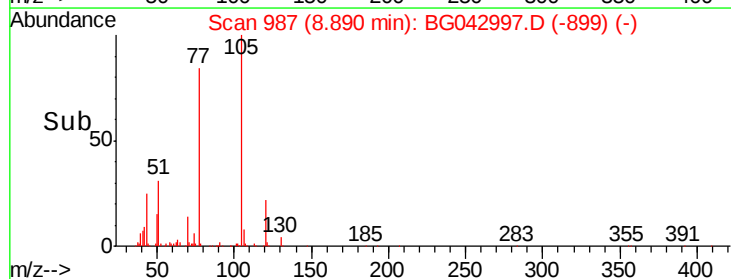
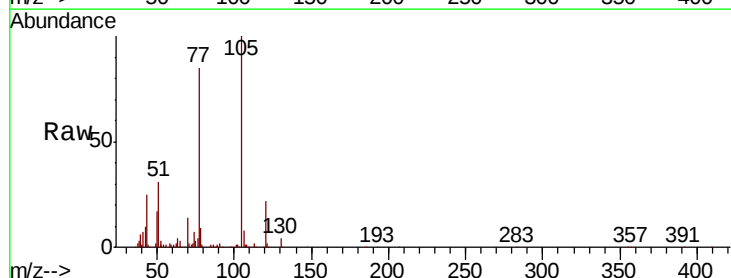
RT: 8.89 min Scan# 987

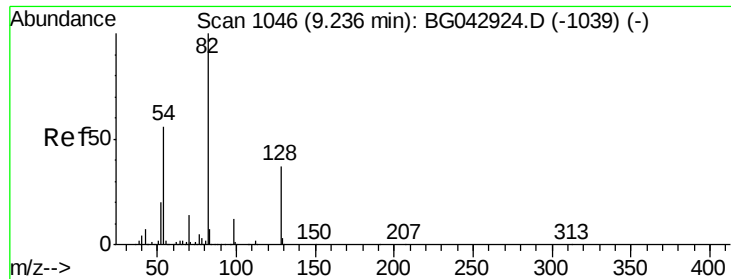
Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248778		
71	2.0		1.2	1.8#
51	31.5		27.2	40.8
120	21.5		16.9	25.3





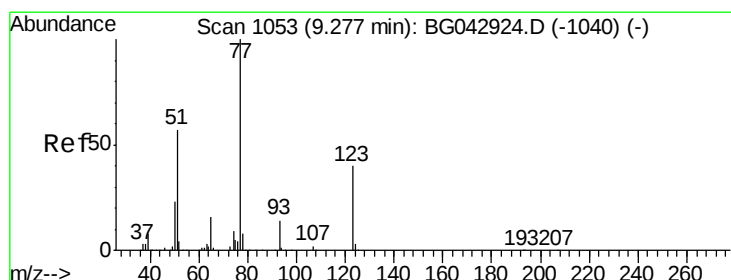
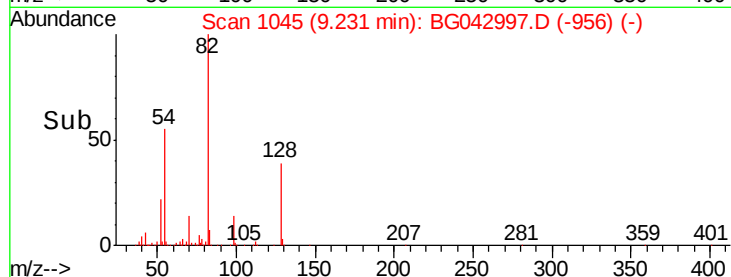
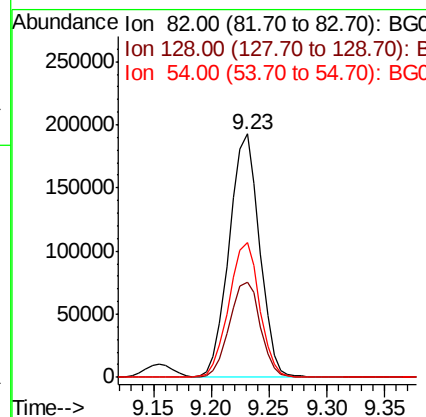
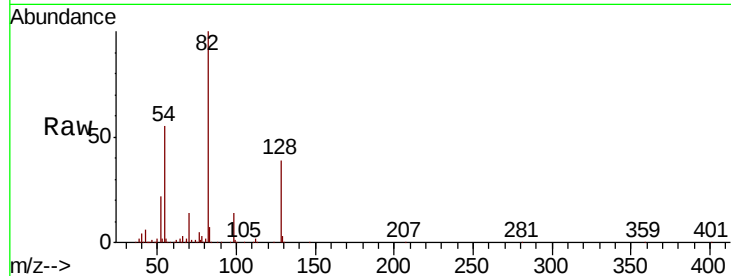
#23
 Nitrobenzene-d5
 Concen: 68.691 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Instrument :
 BNA_G
 ClientSampled :
 S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.2	29.5	44.3	
54	55.3	44.6	67.0	

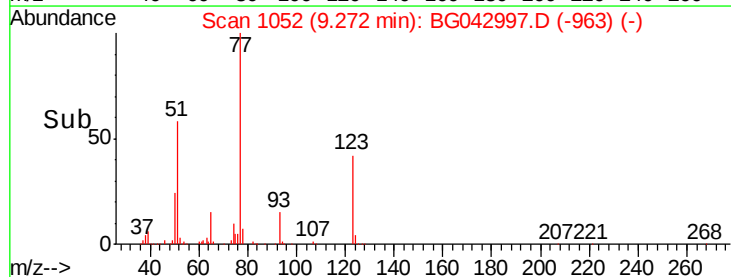
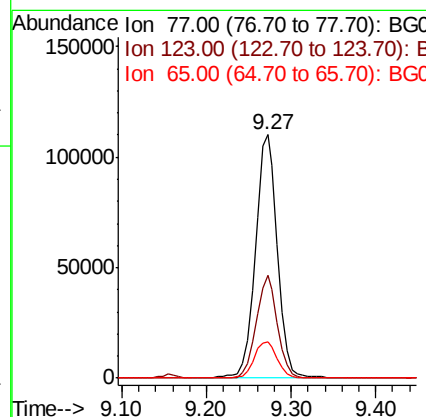
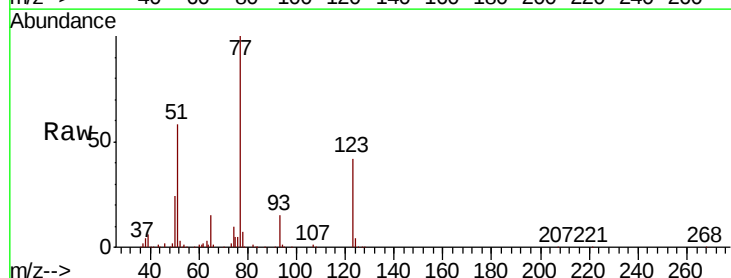
Manual Integrations
 APPROVED

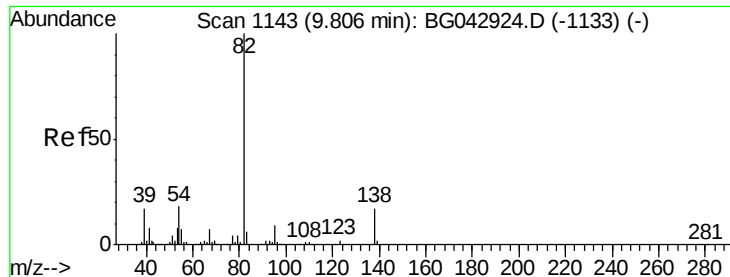
mohammad
 10/4/2019 8:18:04 AM



#24
 Nitrobenzene
 Concen: 41.040 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.0	31.9	47.9	
65	14.9	12.4	18.6	





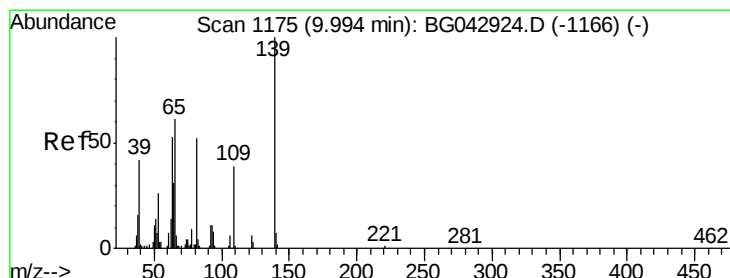
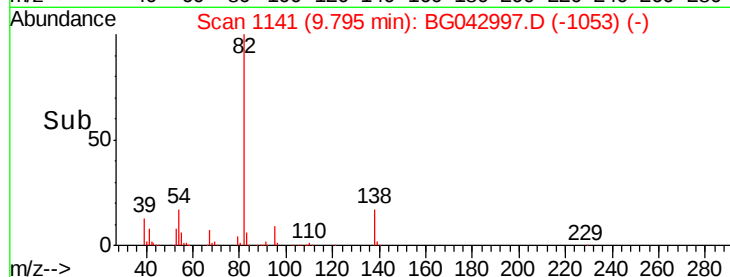
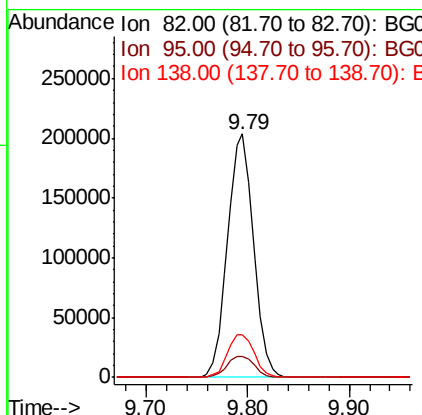
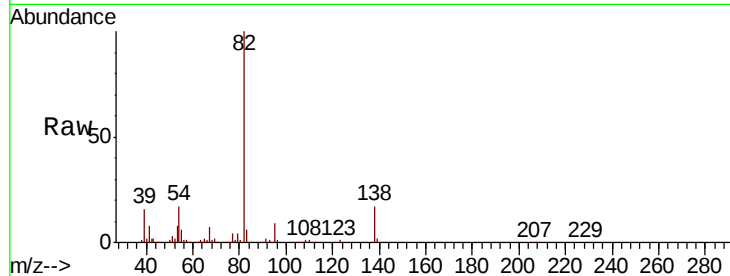
#25
Isophorone
Concen: 40.371 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.8	7.0	10.4
138	17.3	13.8	20.6

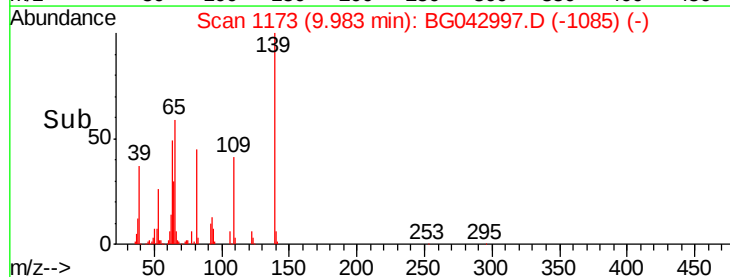
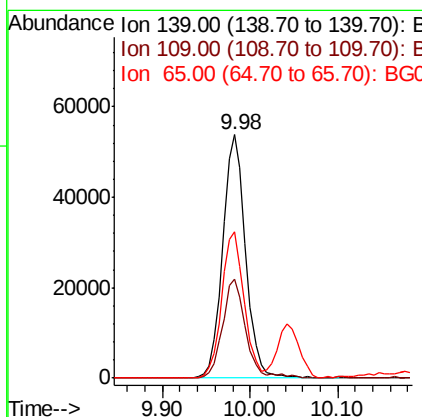
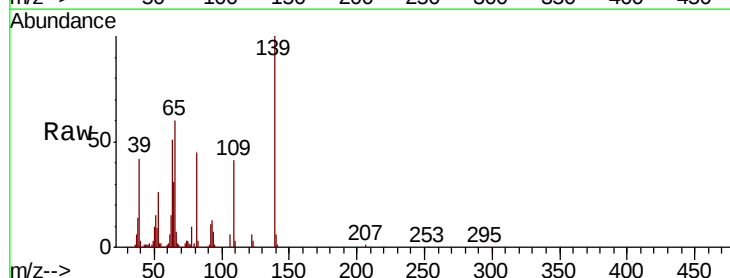
Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



#26
2-Nitrophenol
Concen: 46.847 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	40.9	31.0	46.6
65	60.2	48.4	72.6





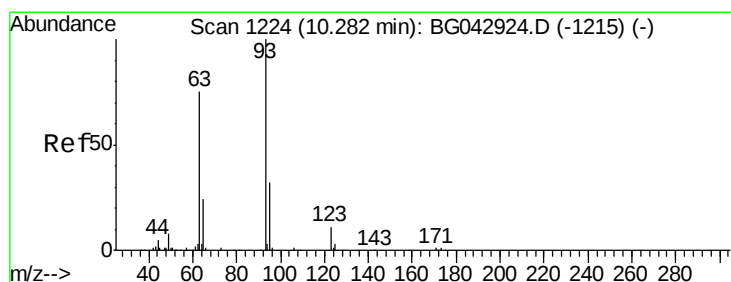
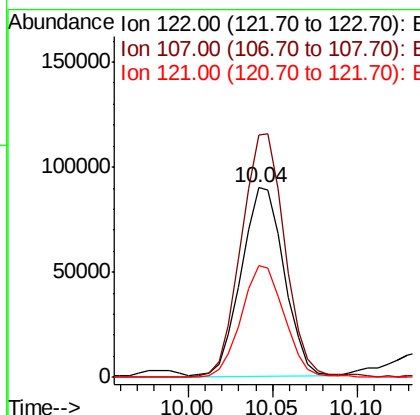
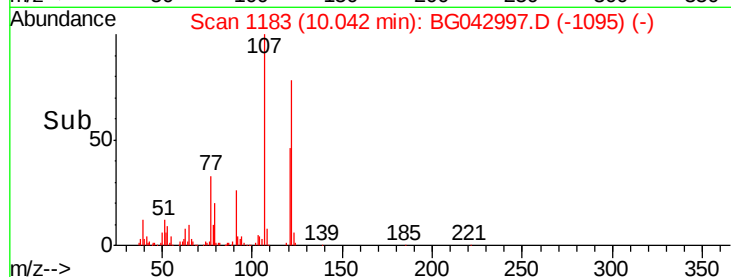
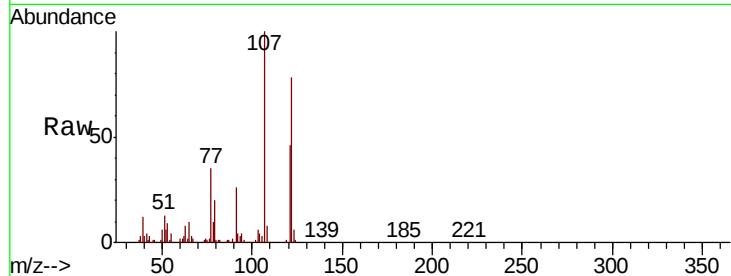
#27
2,4-Dimethylphenol
Concen: 50.212 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.0	102.2	153.2
121	59.0	48.5	72.7

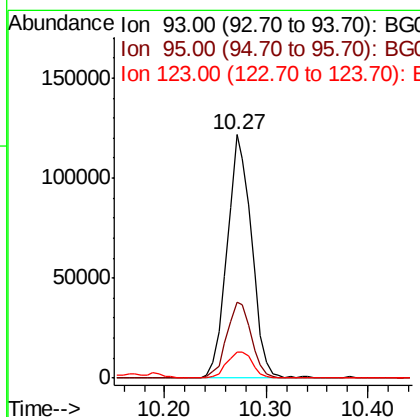
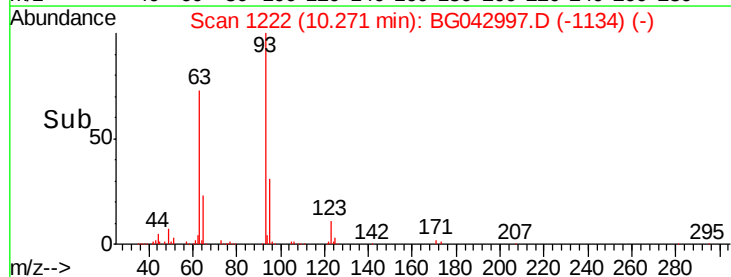
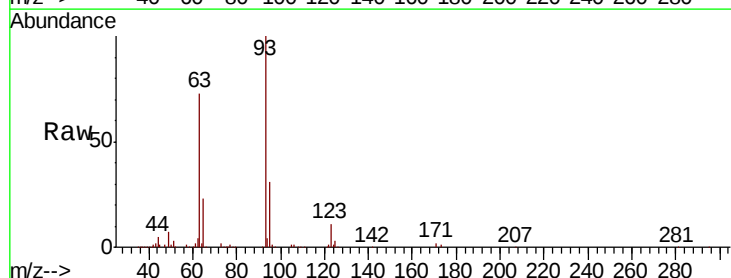
Manual Integrations
APPROVED

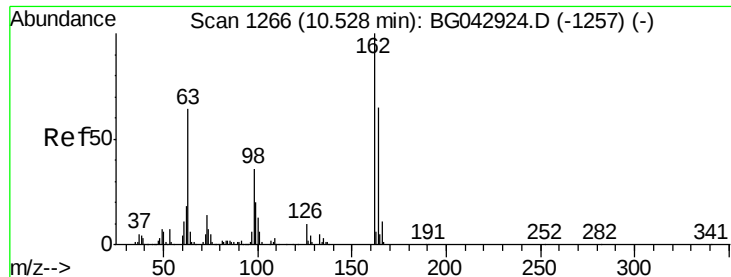
mohammad
10/4/2019 8:18:04 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.880 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.4	38.0
123	10.9	9.3	13.9





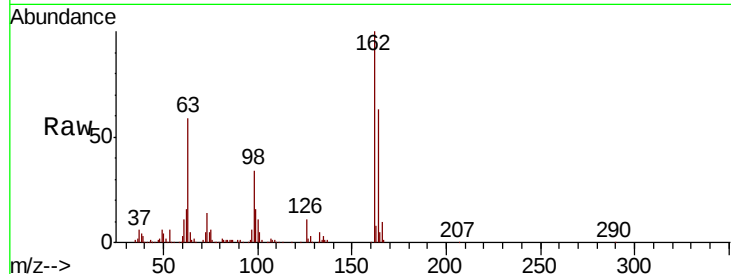
#29
2,4-Dichlorophenol
Concen: 46.352 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampled :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	183558		
164	62.9	44.7	84.7	
98	34.4	16.0	56.0	

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM

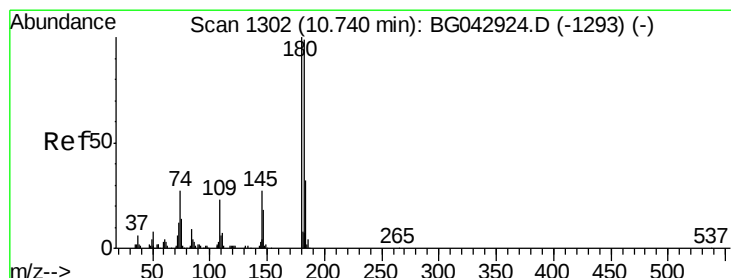
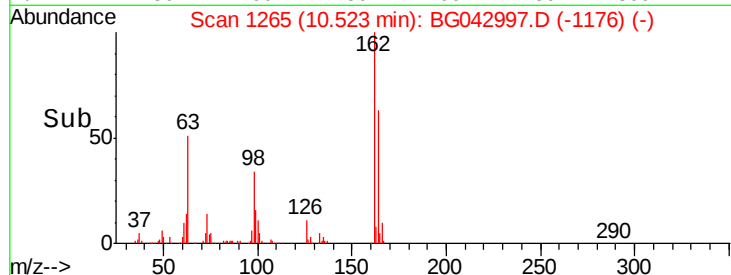
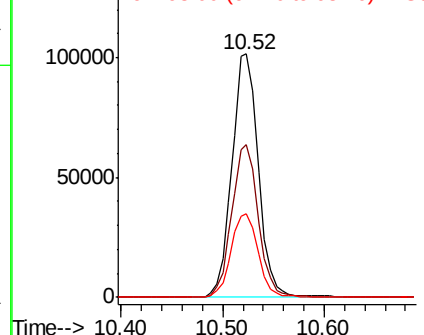


Abundance

Ion 162.00 (161.70 to 162.70): E

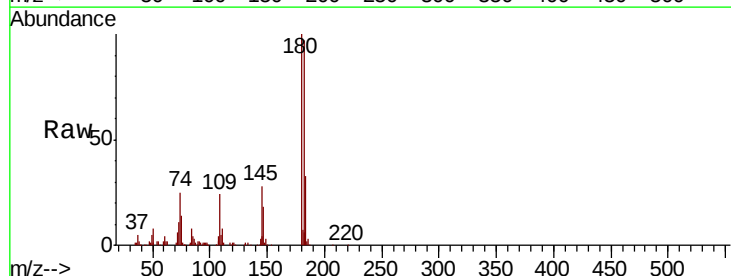
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 39.944 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204274		
182	97.3	79.3	118.9	
145	27.5	22.0	33.0	

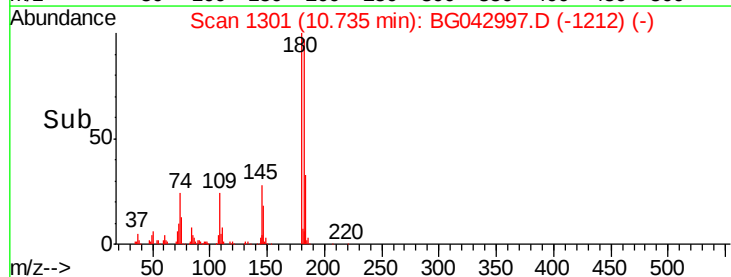
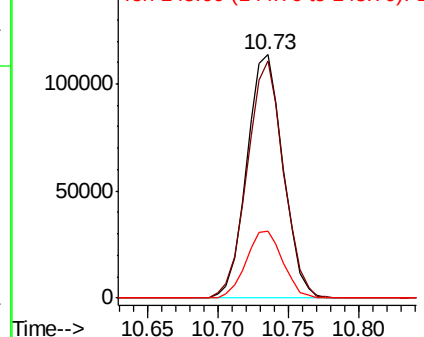


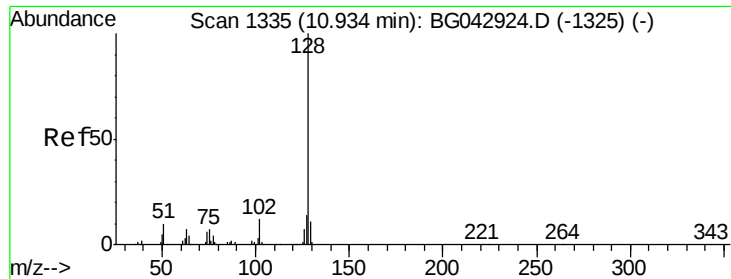
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





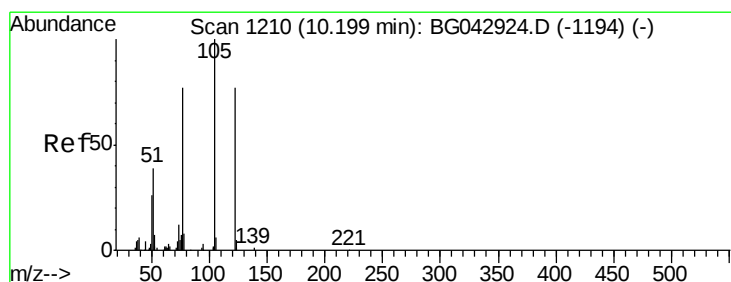
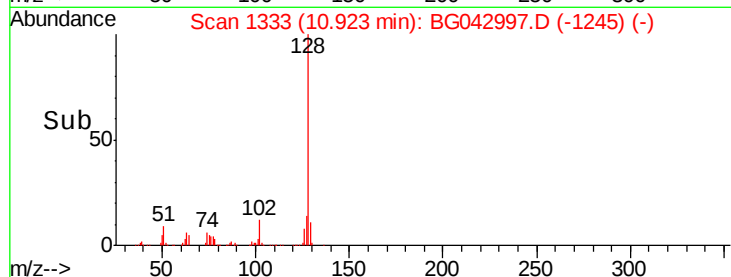
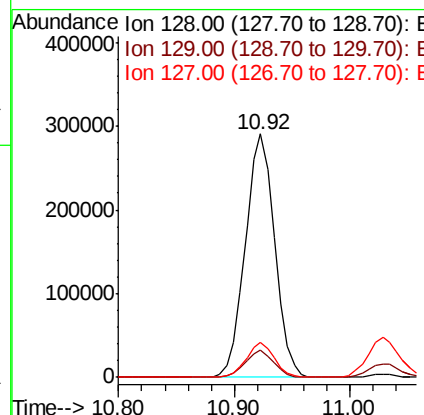
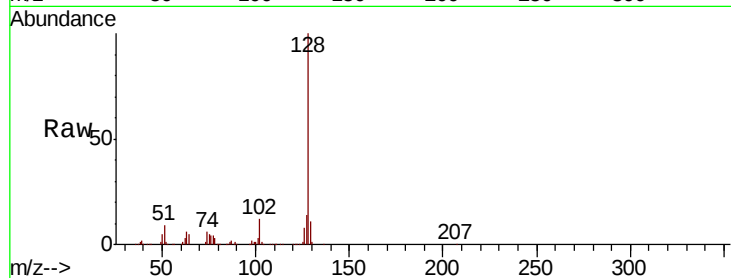
#31
Naphthalene
Concen: 42.058 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	513846		
129	11.5		8.8	13.2
127	14.1		11.3	16.9

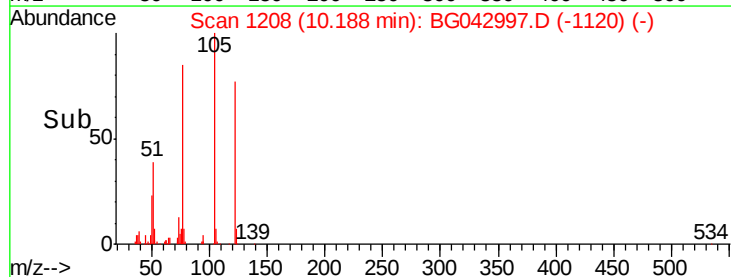
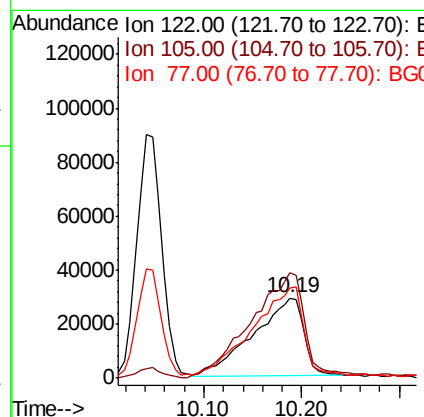
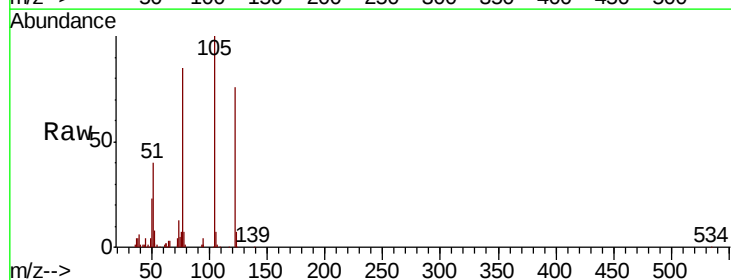
Manual Integrations
APPROVED

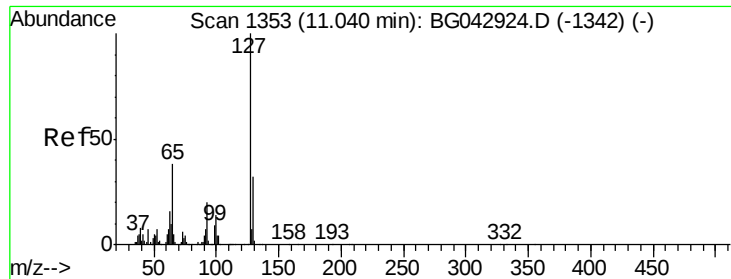
mohammad
10/4/2019 8:18:04 AM



#32
Benzoic acid
Concen: 43.221 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	104822		
105	131.1		107.5	147.5
77	111.3		79.8	119.8





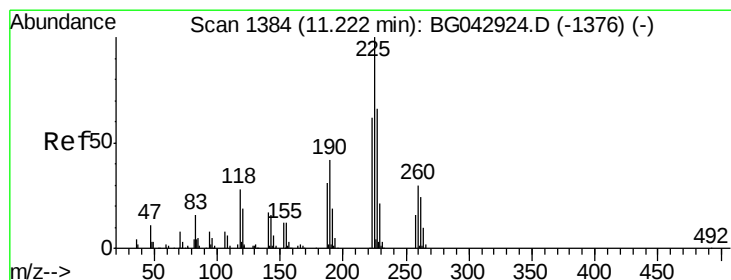
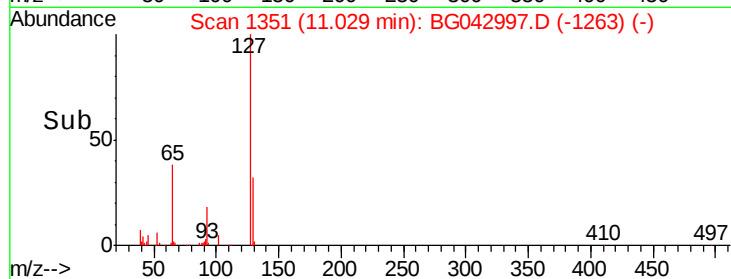
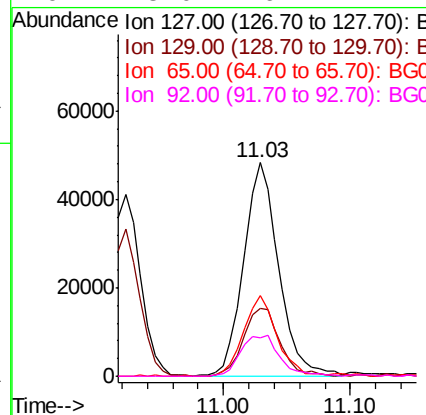
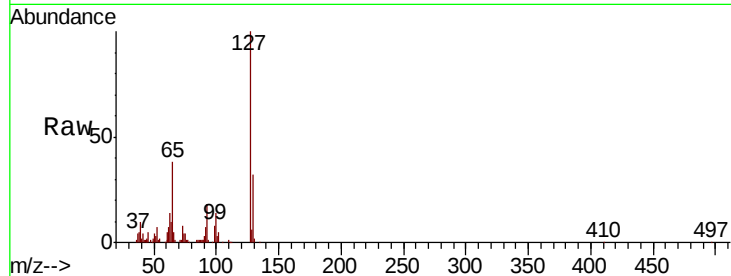
#33
4-Chloroaniline
Concen: 17.485 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.2	39.2		
65	37.7	30.6	45.8		
92	18.0	16.2	24.4		

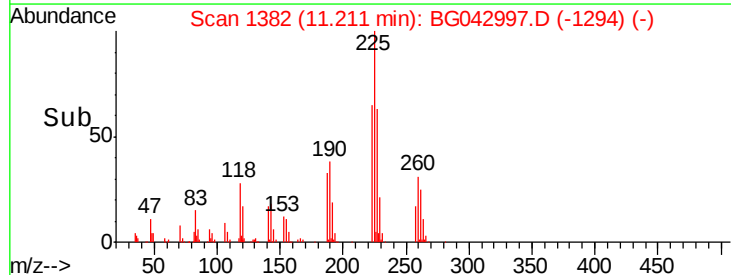
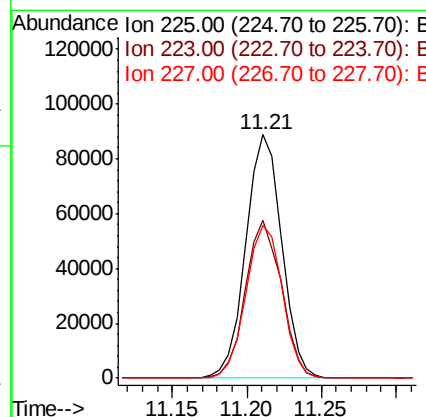
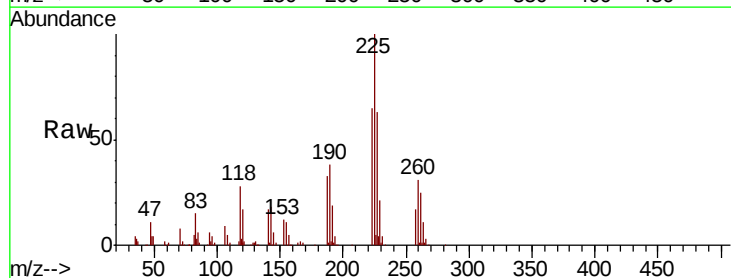
Manual Integrations
APPROVED

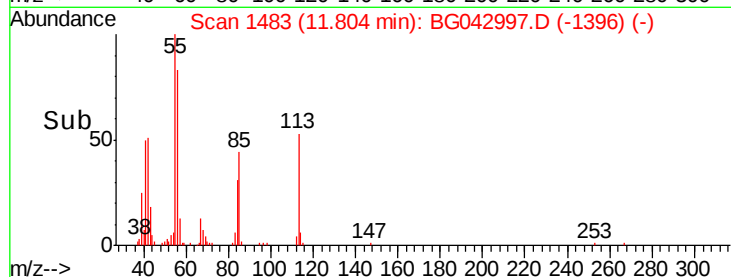
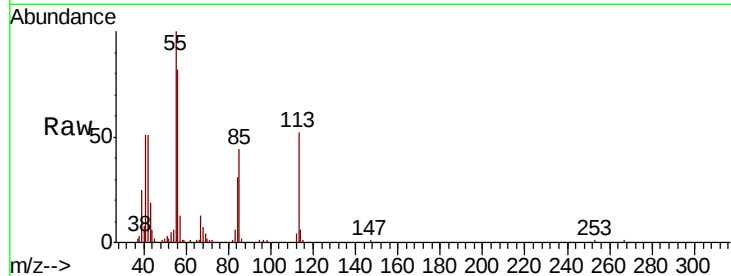
mohammad
10/4/2019 8:18:04 AM



#34
Hexachlorobutadiene
Concen: 38.570 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	49.3	73.9		
227	62.7	52.8	79.2		





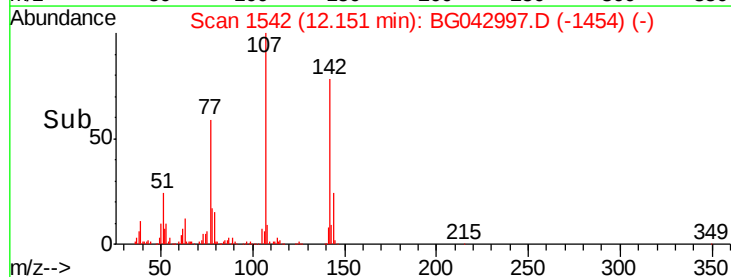
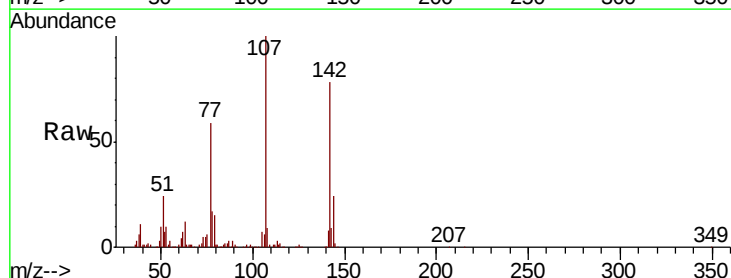
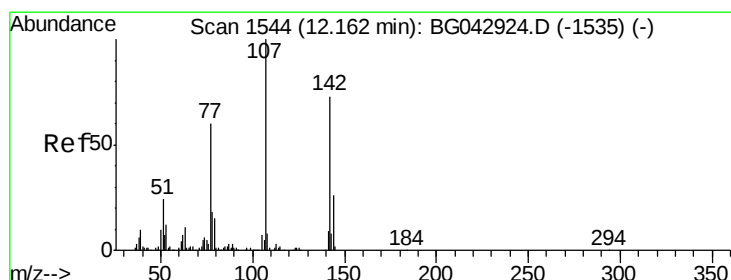
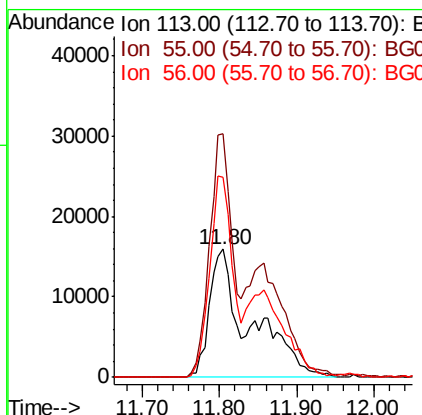
#35
Caprolactam
Concen: 41.461 ng m
RT: 11.80 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.5	175.5	215.5
56	156.5	142.3	182.3

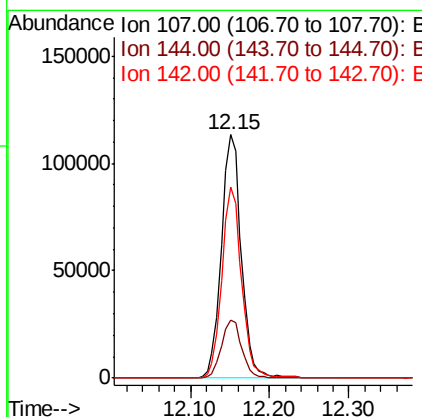
Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



#36
4-Chloro-3-methylphenol
Concen: 46.017 ng
RT: 12.15 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.7	31.1
142	78.4	58.6	87.8





#37

2-Methylnaphthalene

Concen: 42.220 ng

RT: 12.52 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

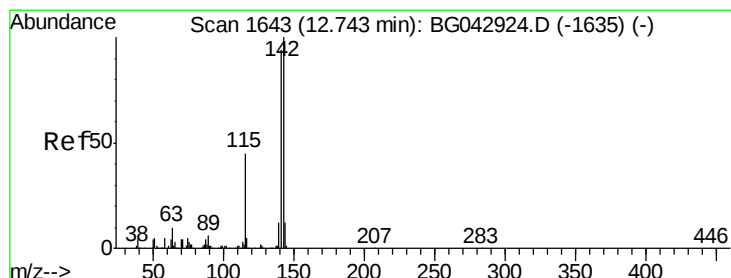
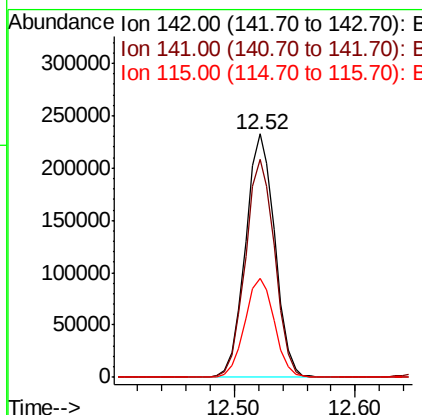
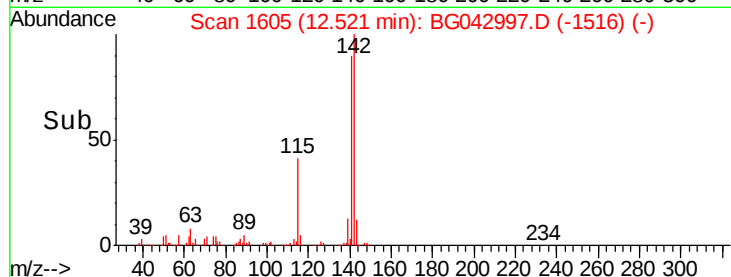
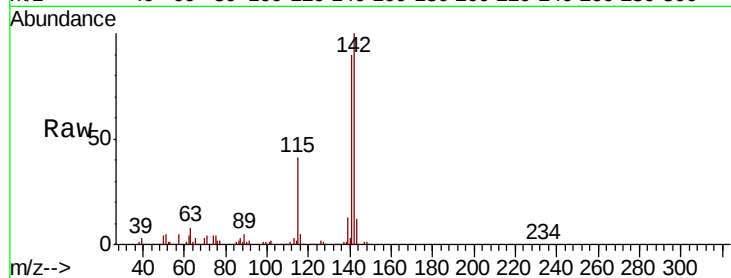
ClientSampleId :

S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	393505		
141	89.7	69.0	103.4	
115	40.5	32.8	49.2	

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



#38

1-Methylnaphthalene

Concen: 42.204 ng

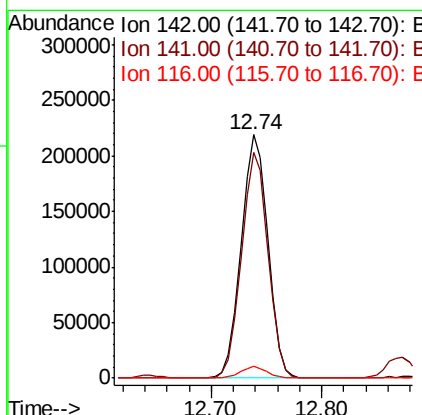
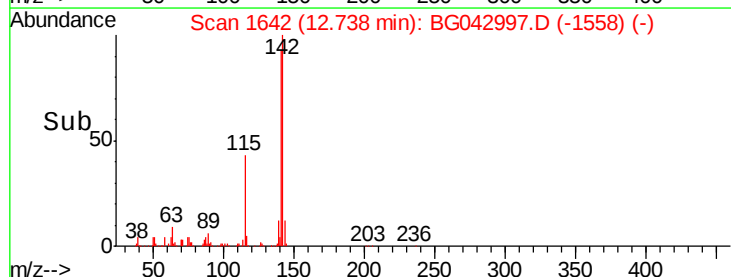
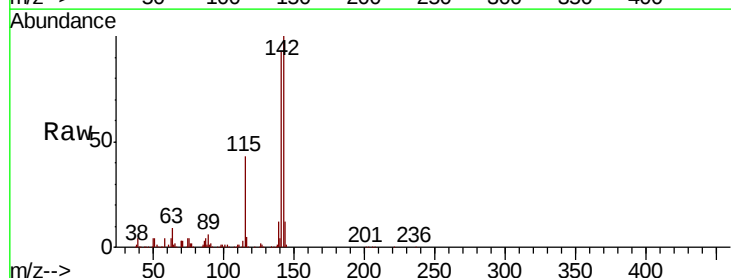
RT: 12.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	372211		
141	92.9	74.9	112.3	
116	4.8	3.7	5.5	





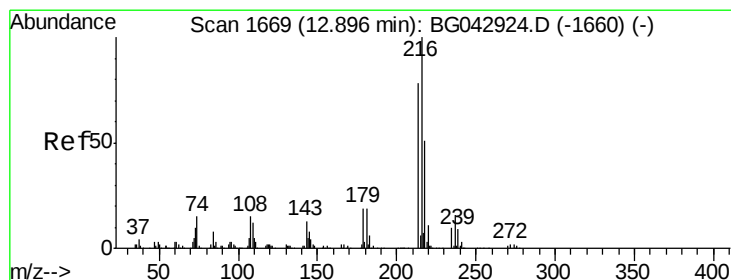
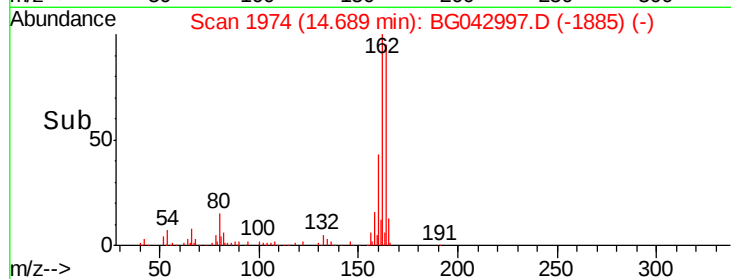
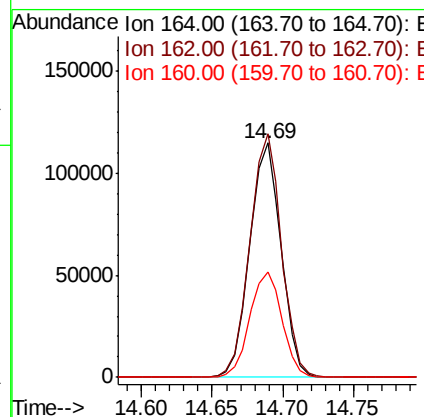
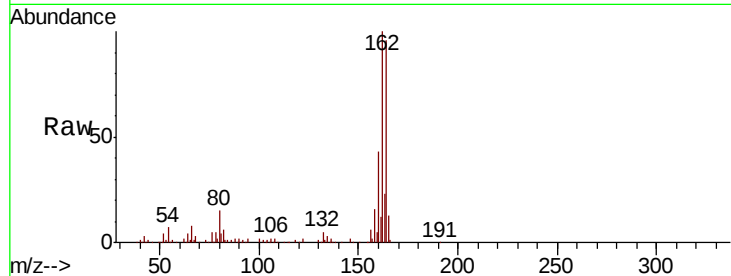
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.5	117.7
160	44.9	35.9	53.9

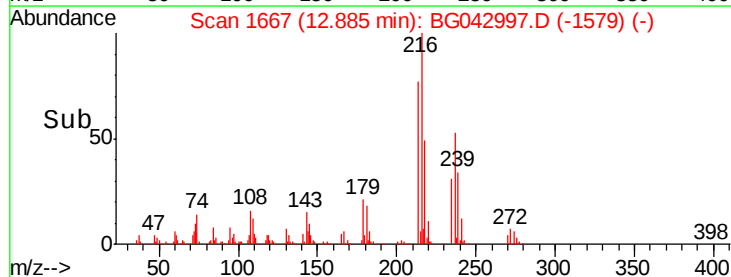
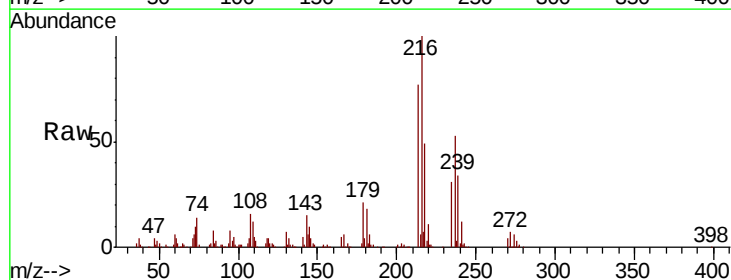
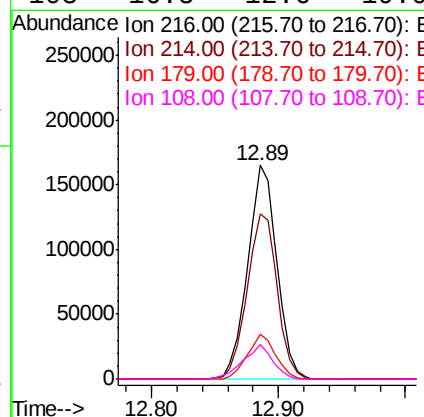
Manual Integrations
APPROVED

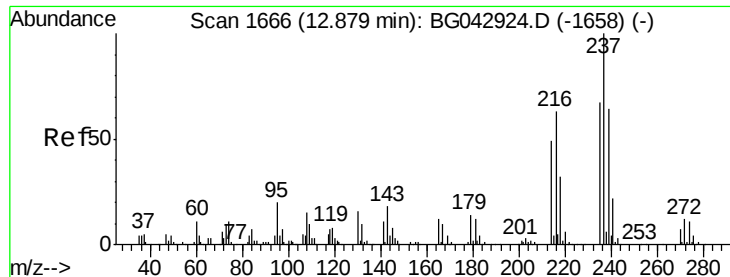
mohammad
10/4/2019 8:18:04 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.059 ng
RT: 12.89 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.4	93.6
179	19.9	15.4	23.2
108	16.5	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 74.180 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

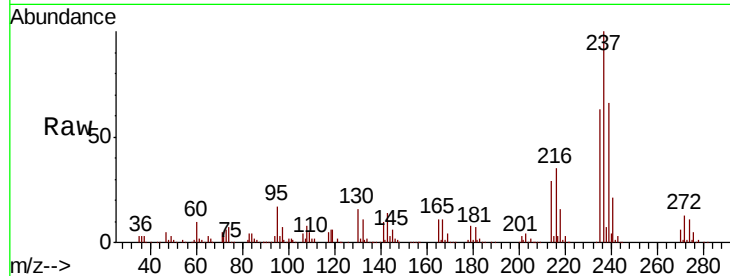
ClientSampled :

S-1MS

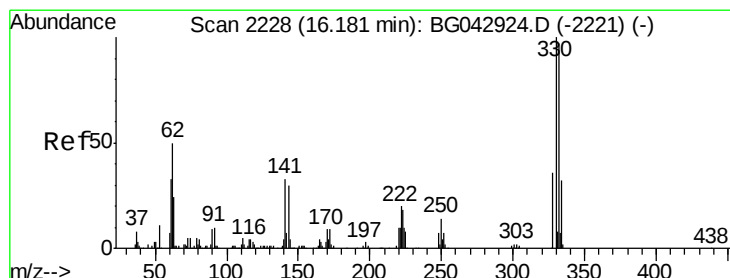
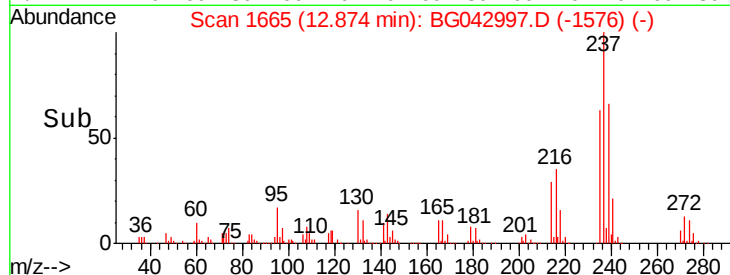
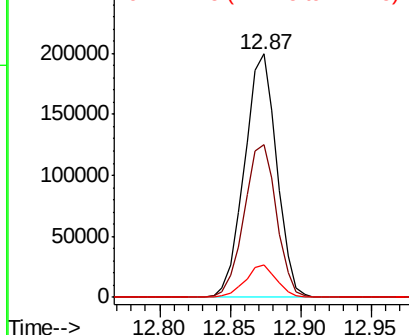
Tot Ion:	237	Resp:	318502
Ion Ratio	Lower	Upper	
237	100		
235	62.6	46.7	86.7
272	13.1	0.0	32.3

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 108.887 ng

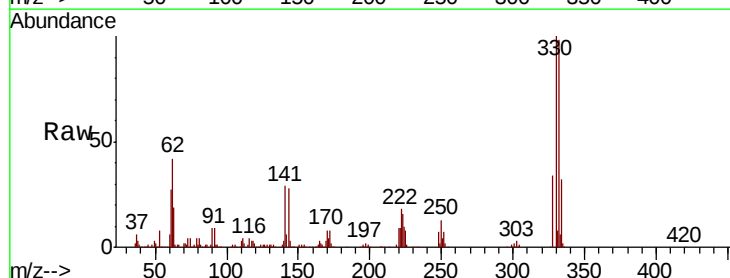
RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

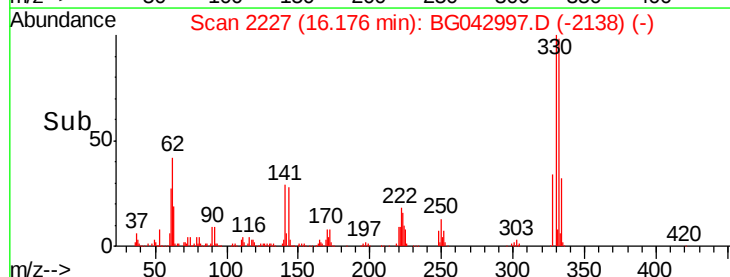
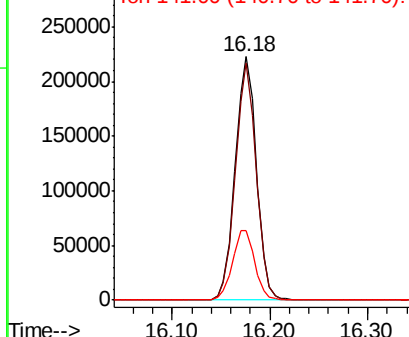
Lab File: BG042997.D

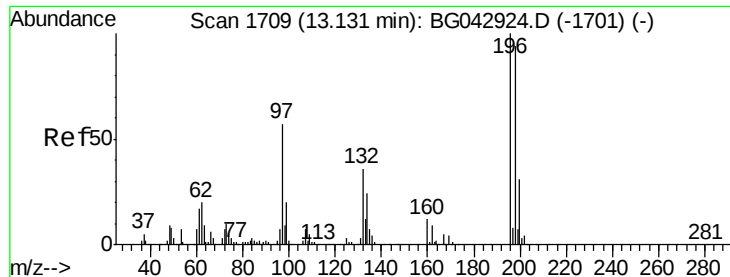
Acq: 2 Oct 2019 22:57

Tgt Ion:	330	Resp:	335580
Ion Ratio	Lower	Upper	
330	100		
332	95.5	78.2	117.2
141	29.9	26.0	39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





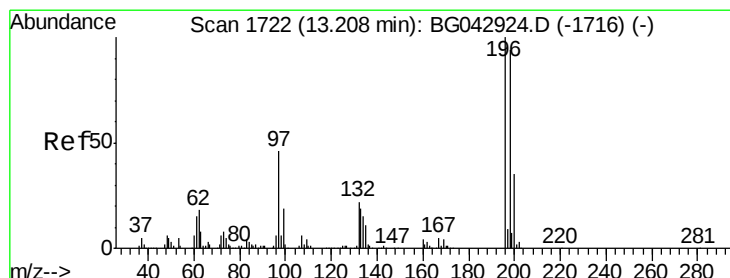
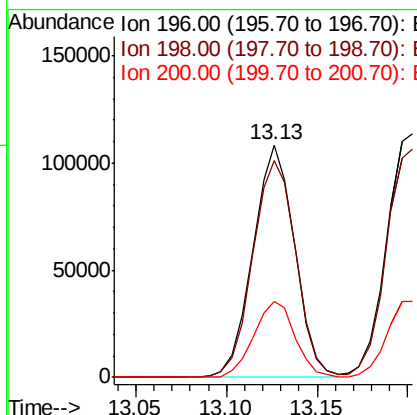
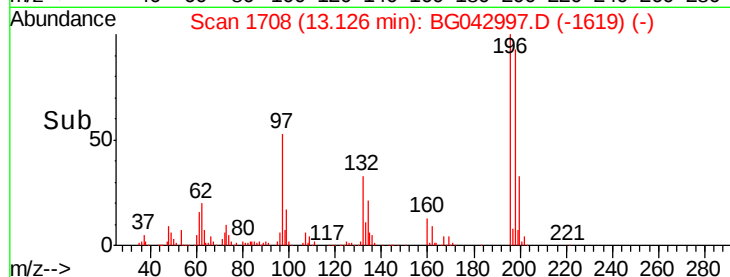
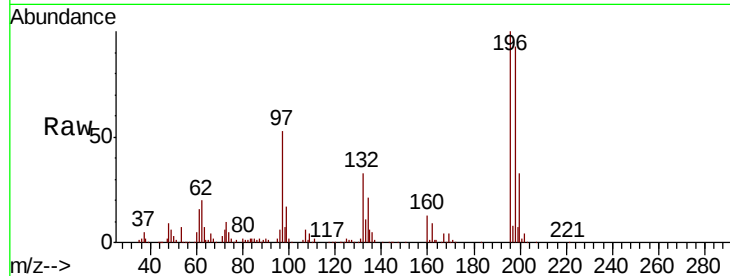
#43
 2,4,6-Trichlorophenol
 Concen: 43.787 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Instrument :
 BNA_G
 ClientSampled :
 S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	172707		
198	93.2	75.5	113.3	
200	32.8	24.9	37.3	

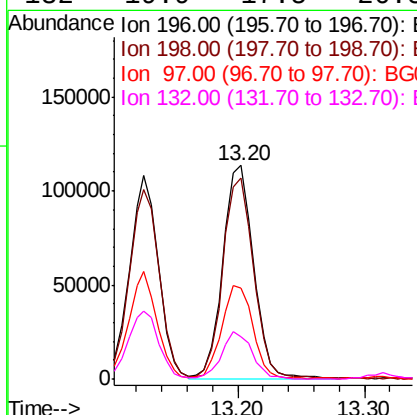
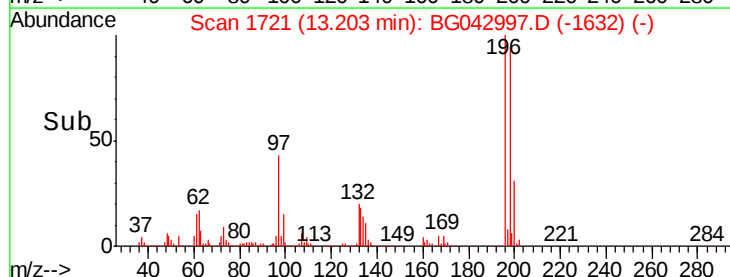
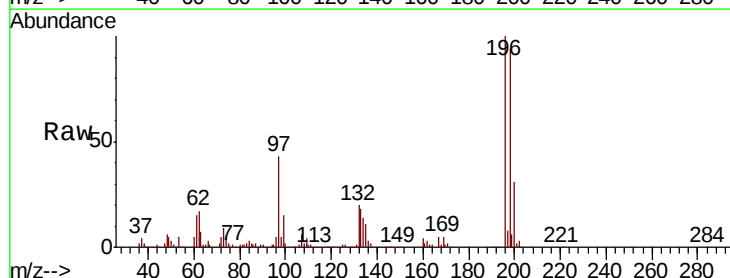
Manual Integrations
 APPROVED

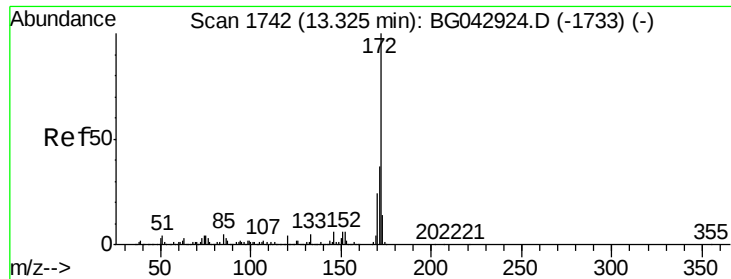
mohammad
 10/4/2019 8:18:04 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.848 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190351		
198	93.9	75.1	112.7	
97	42.6	37.0	55.4	
132	19.9	17.5	26.3	





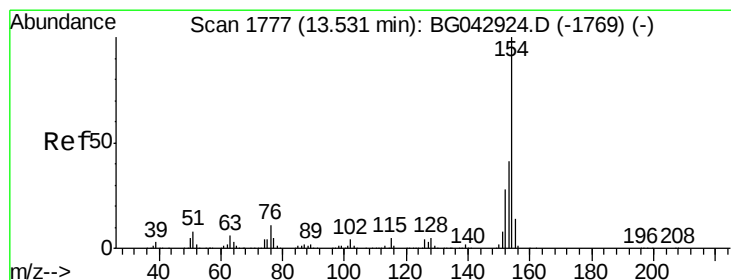
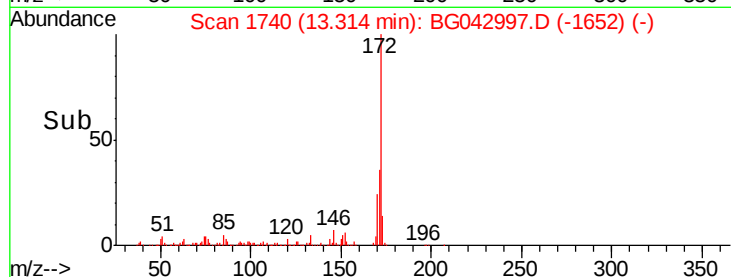
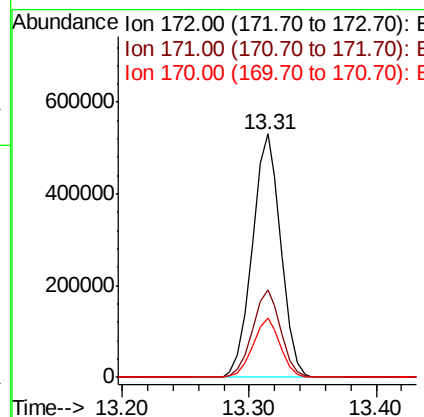
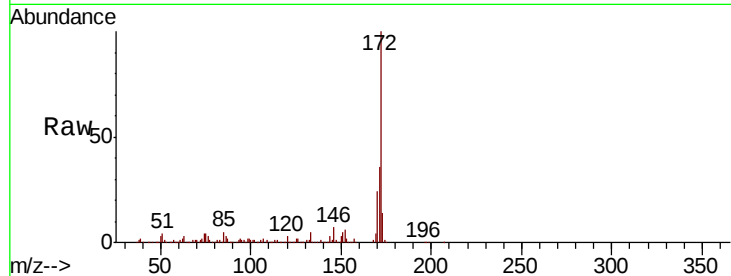
#45
2-Fluorobiphenyl
Concen: 66.926 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.5	19.6	29.4

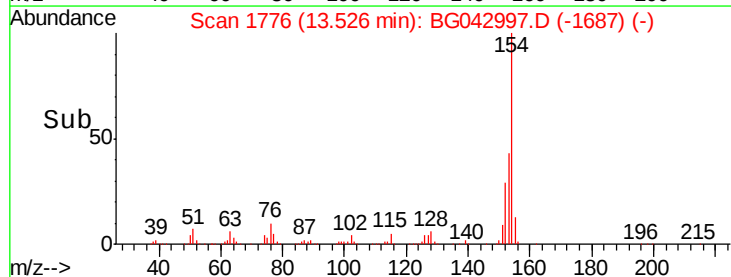
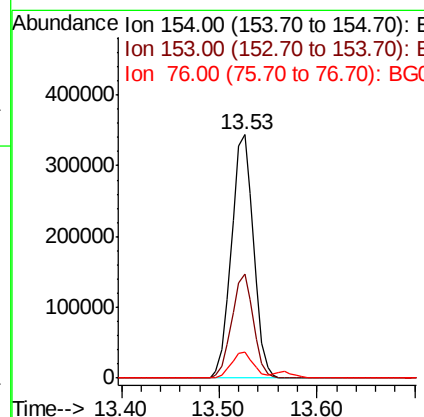
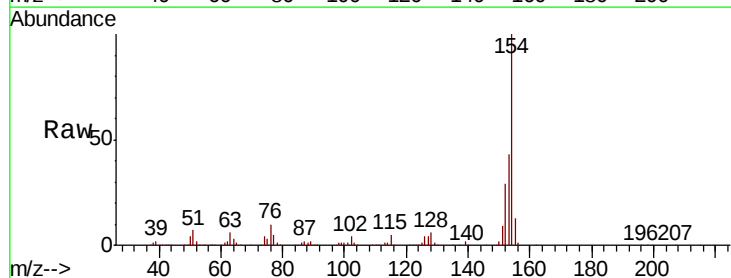
Manual Integrations
APPROVED

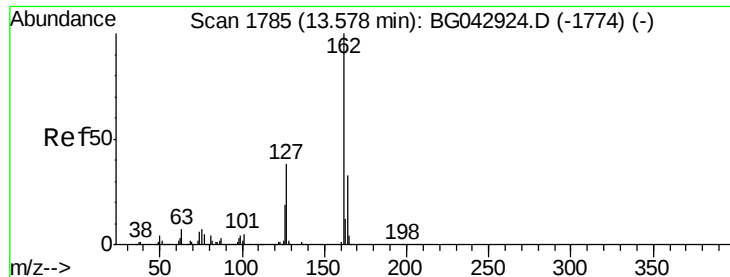
mohammad
10/4/2019 8:18:04 AM



#46
1,1'-Biphenyl
Concen: 39.596 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	21.4	61.4
76	10.5	0.0	31.3





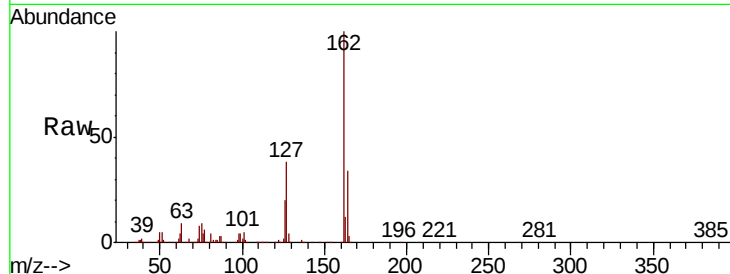
#47
2-Chloronaphthalene
Concen: 41.877 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.0	46.6
164	34.3	26.2	39.2

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM

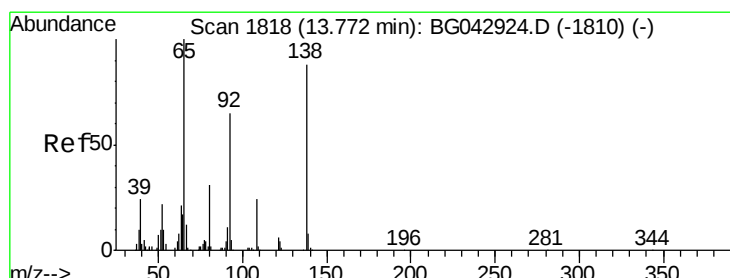
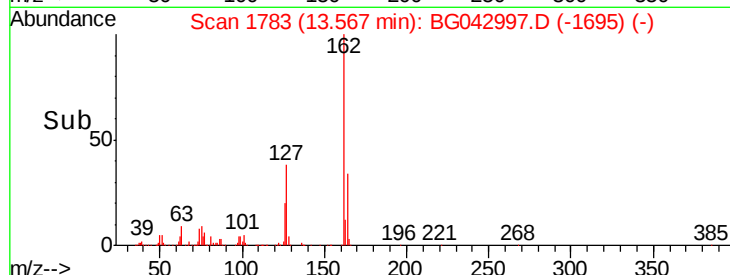
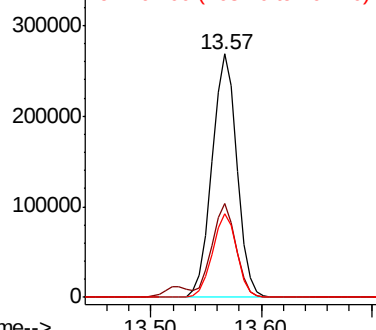


Abundance

Ion 162.00 (161.70 to 162.70): E

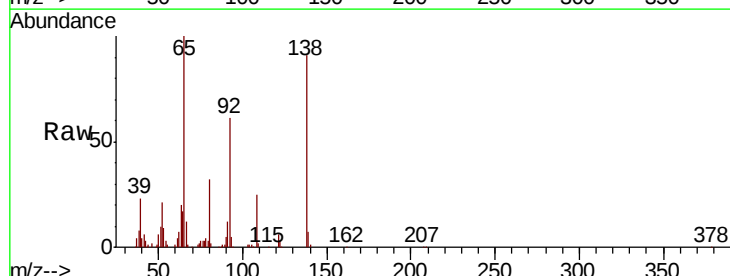
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.332 ng
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.0	52.0	78.0
138	90.8	70.4	105.6

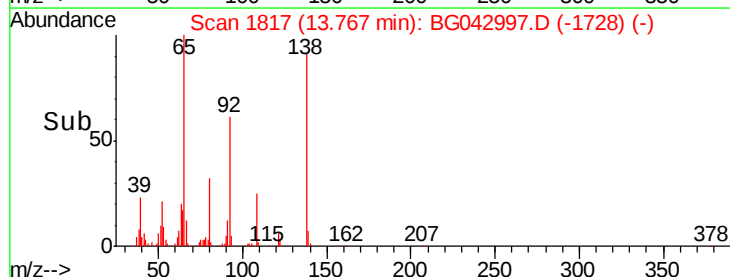
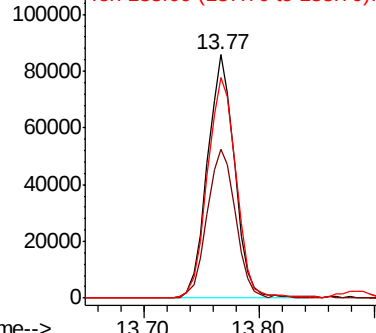


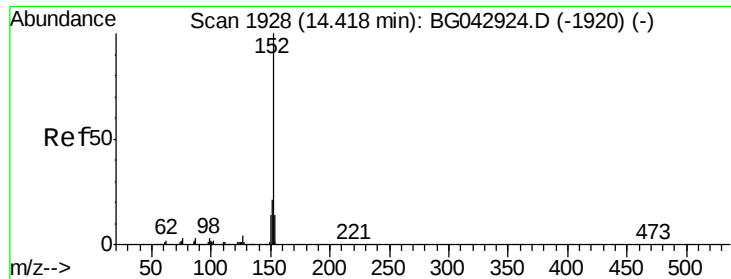
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





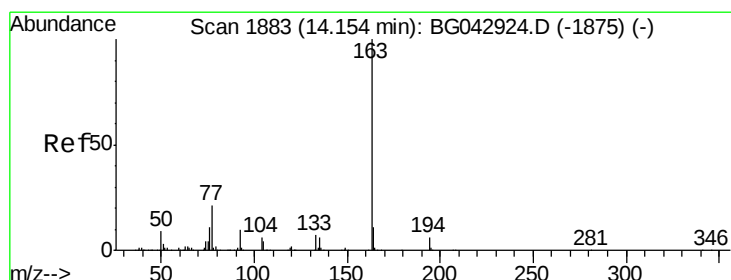
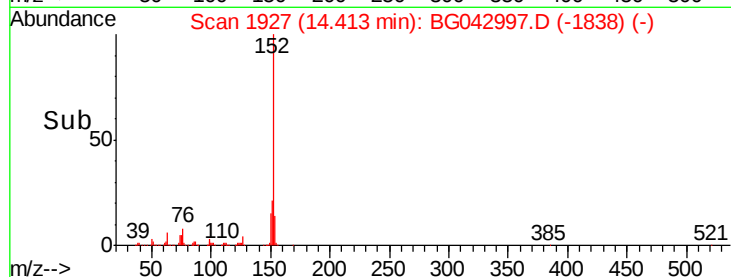
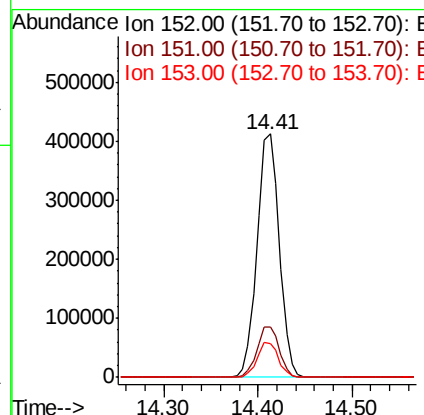
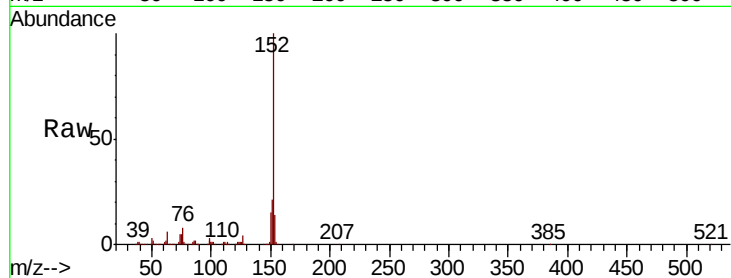
#49
Acenaphthylene
Concen: 43.343 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.7	11.3	16.9

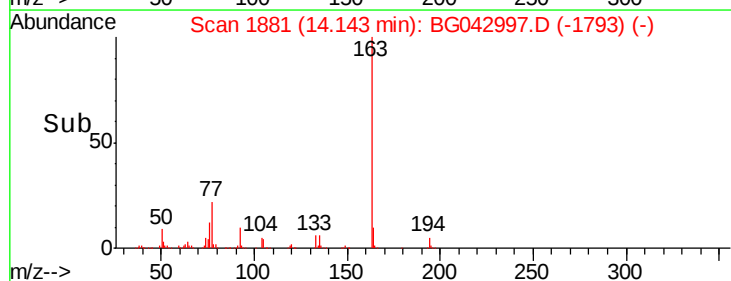
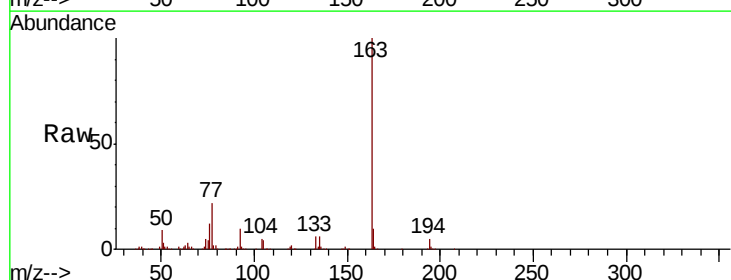
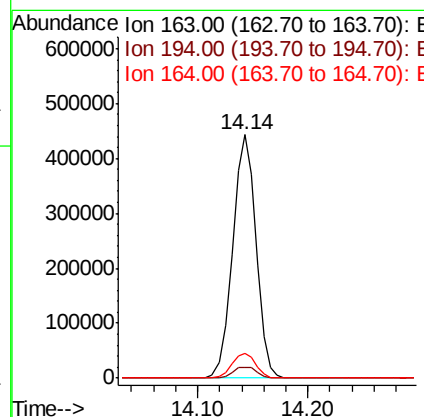
Manual Integrations
APPROVED

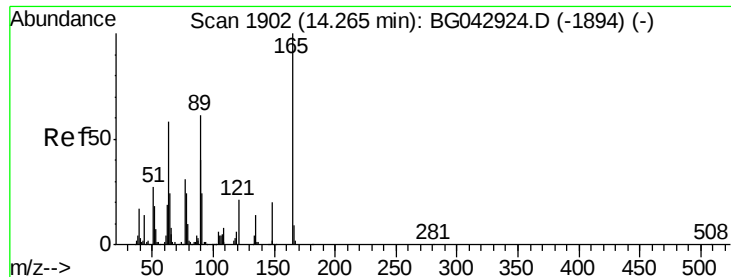
mohammad
10/4/2019 8:18:04 AM



#50
Dimethylphthalate
Concen: 48.858 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.4	6.6
164	10.0	8.6	12.8





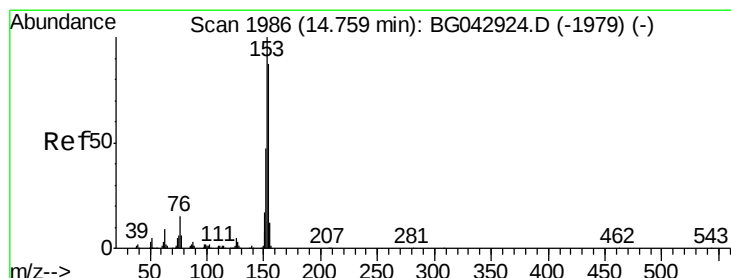
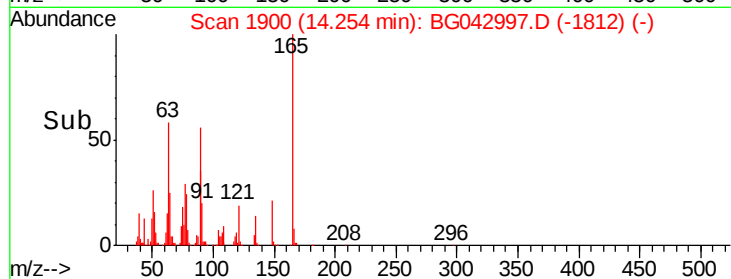
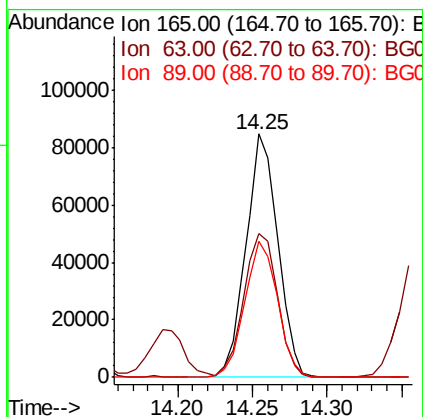
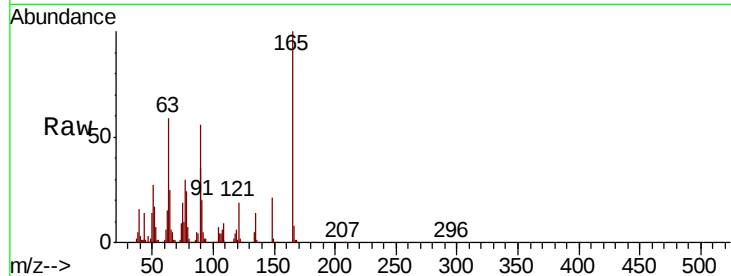
#51
2,6-Dinitrotoluene
Concen: 43.759 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.9	50.3	75.5
89	55.7	48.9	73.3

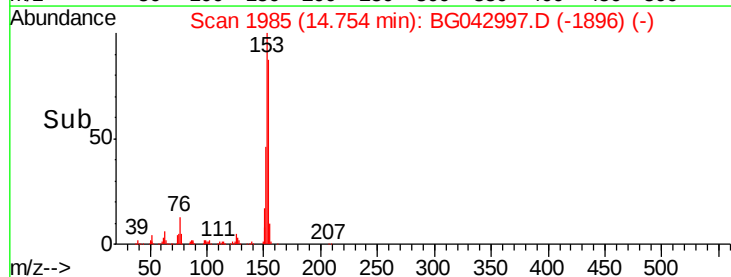
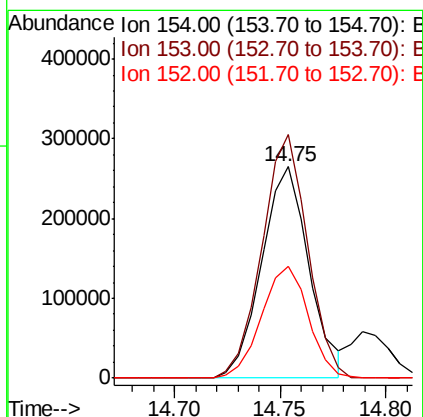
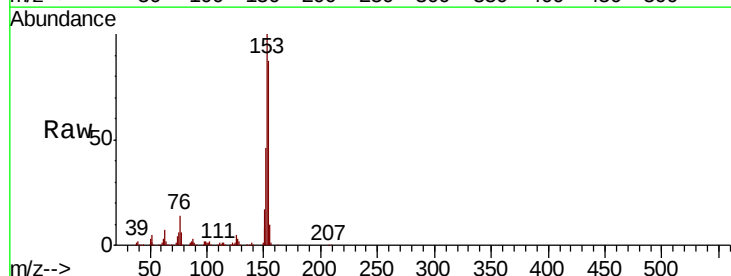
Manual Integrations
APPROVED

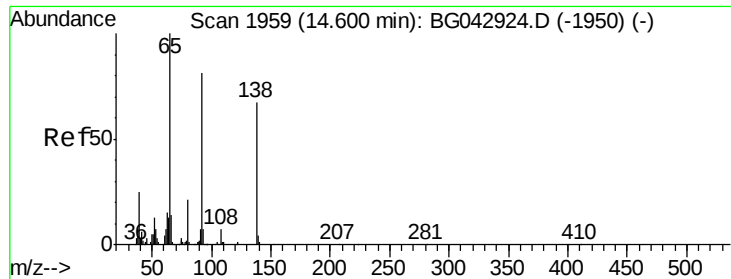
mohammad
10/4/2019 8:18:04 AM



#52
Acenaphthene
Concen: 39.578 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.4	91.4	137.0
152	52.9	42.8	64.2





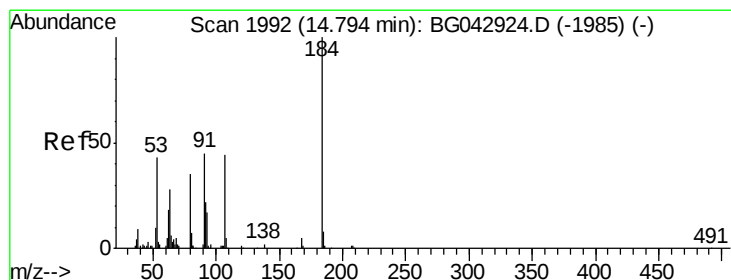
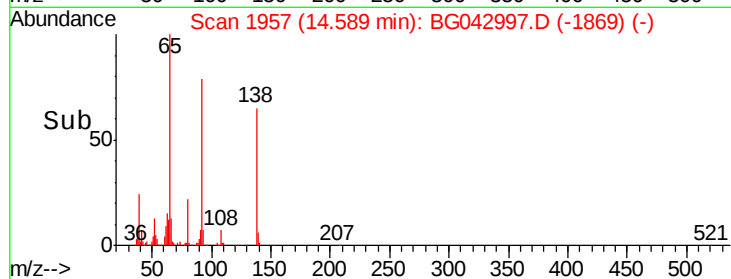
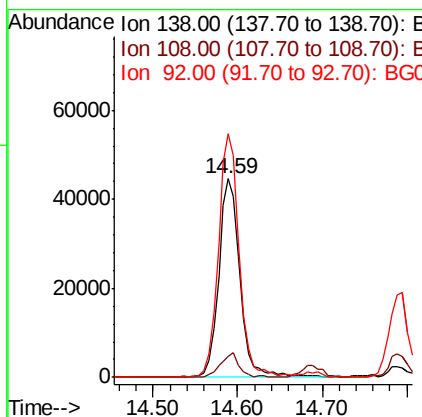
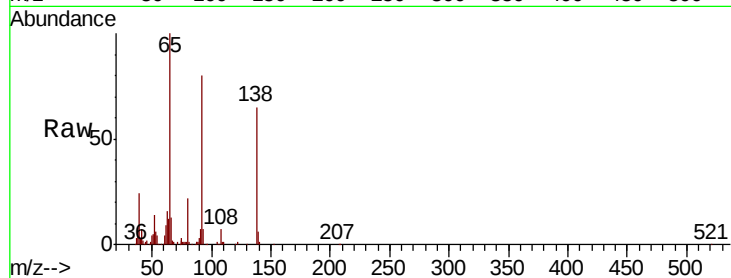
#53
3-Nitroaniline
Concen: 26.385 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.9	11.9
92	122.8	97.0	145.6

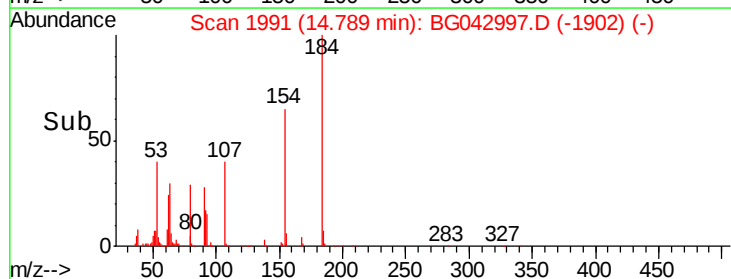
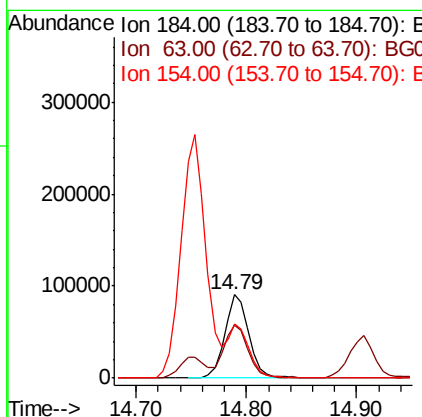
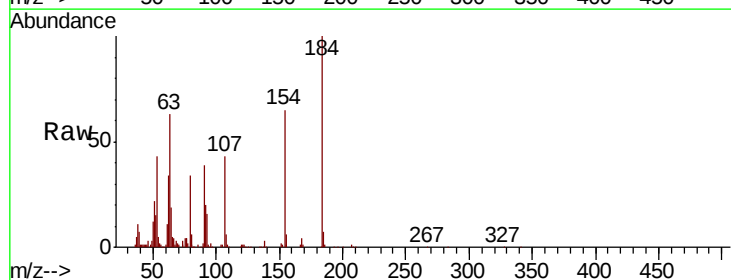
Manual Integrations
APPROVED

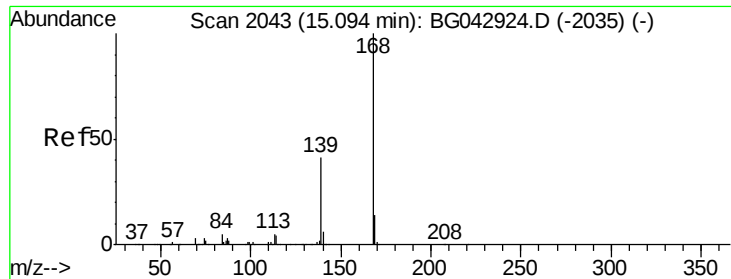
mohammad
10/4/2019 8:18:04 AM



#54
2,4-Dinitrophenol
Concen: 78.335 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.4	55.0	82.6
154	64.5	56.5	84.7





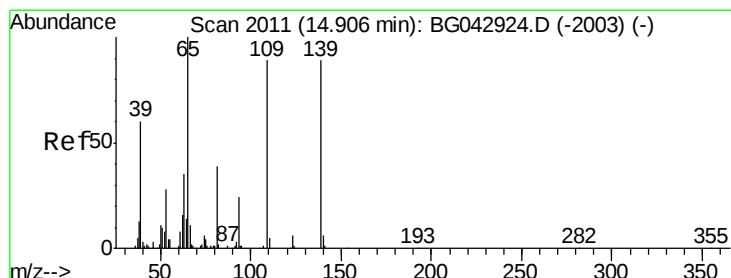
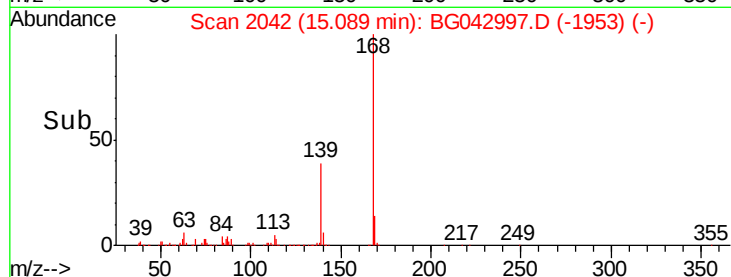
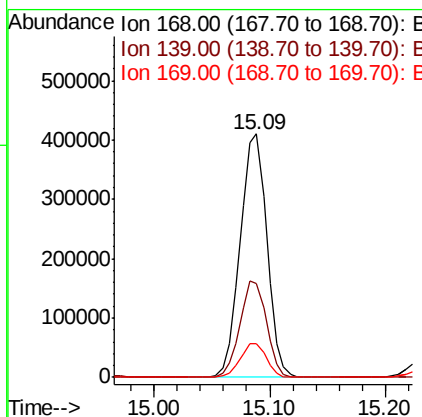
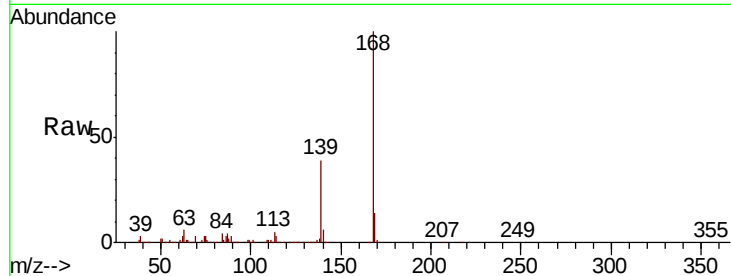
#55
Dibenzofuran
Concen: 42.758 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampled :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	660148		
139	38.7		32.6	48.8
169	13.9		11.2	16.8

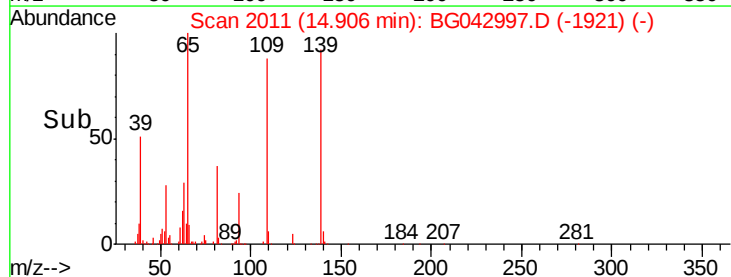
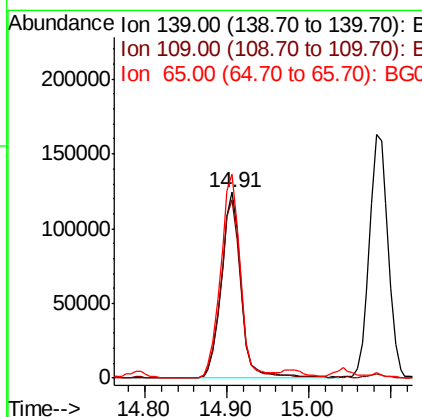
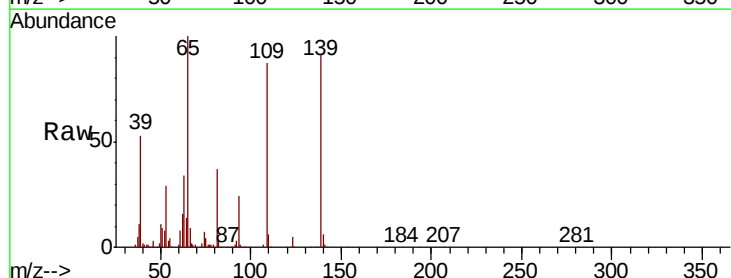
Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



#56
4-Nitrophenol
Concen: 92.344 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	207944		
109	95.7		79.4	119.4
65	109.4		92.5	132.5





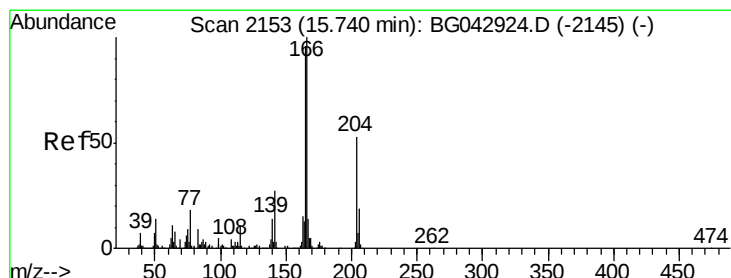
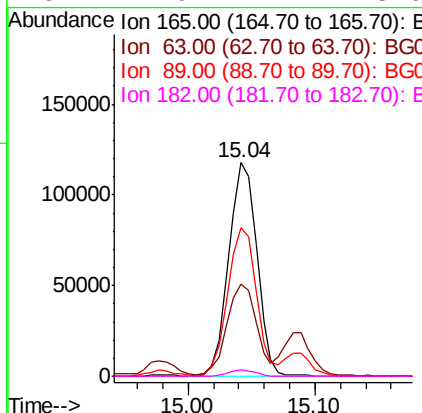
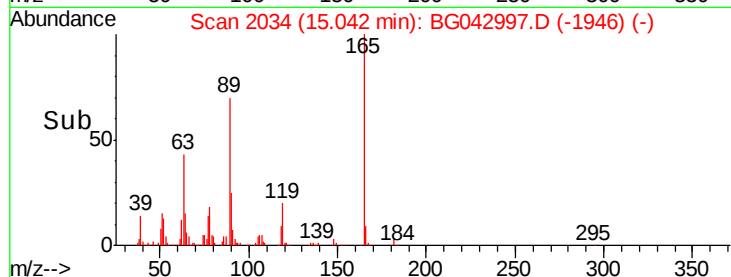
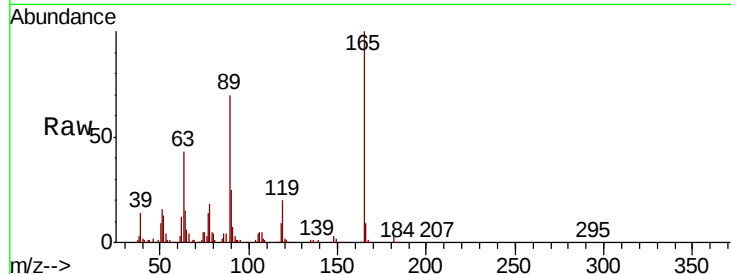
#57
2,4-Dinitrotoluene
Concen: 43.310 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.4	36.5	54.7
89	69.7	55.5	83.3
182	2.9	2.4	3.6

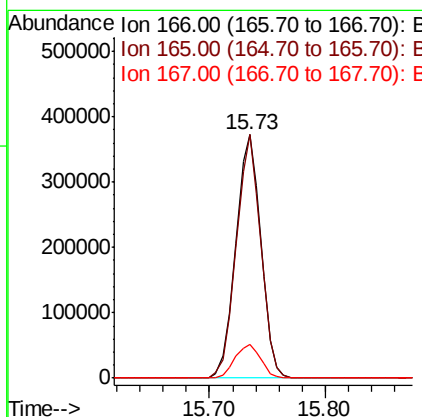
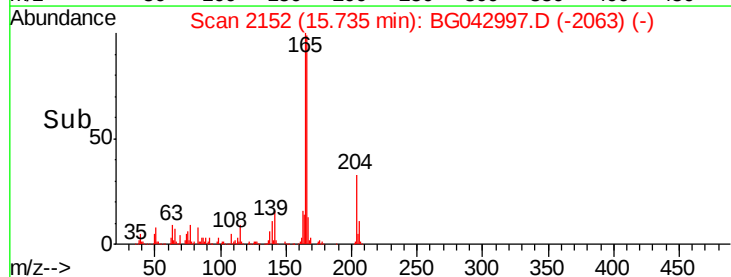
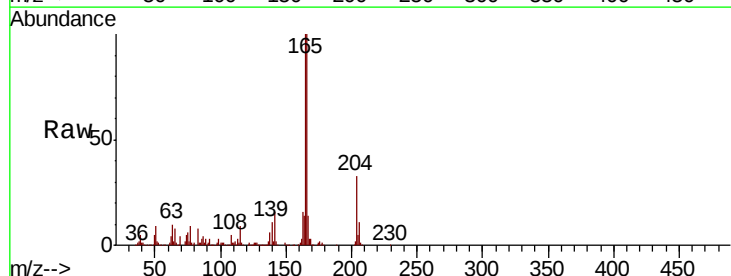
Manual Integrations
APPROVED

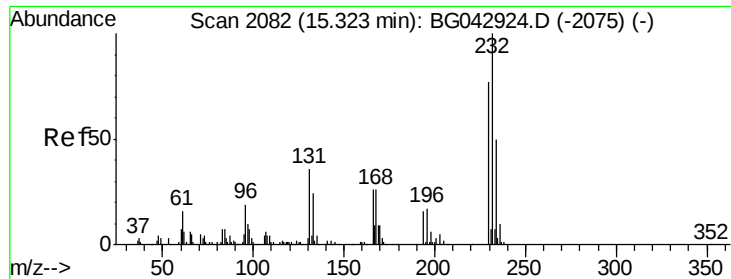
mohammad
10/4/2019 8:18:04 AM



#58
Fluorene
Concen: 42.433 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	100.0	77.1	115.7
167	13.6	11.0	16.6





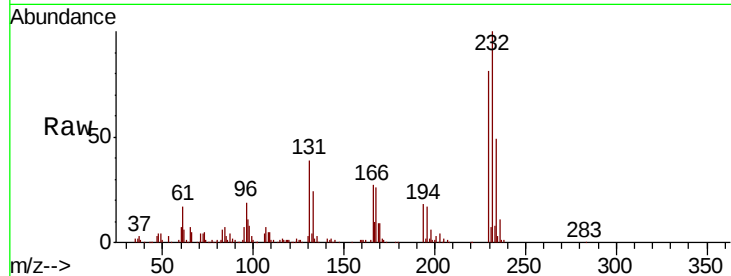
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.538 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Instrument :
 BNA_G
 ClientSampleId :
 S-1MS

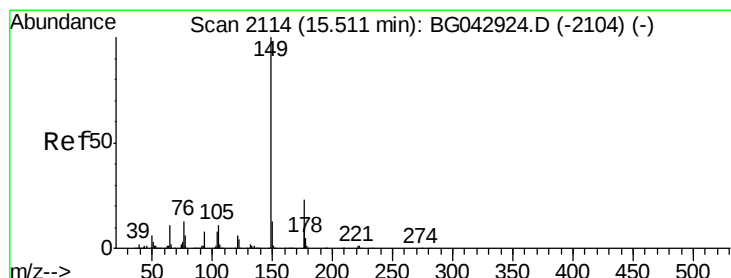
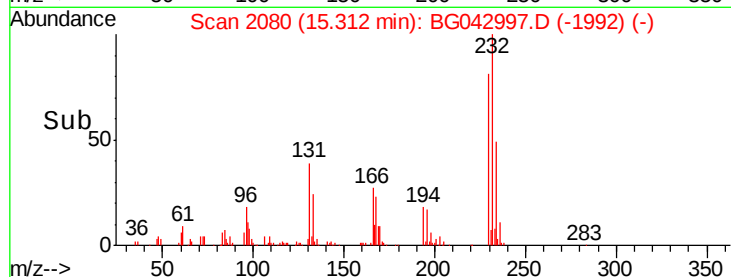
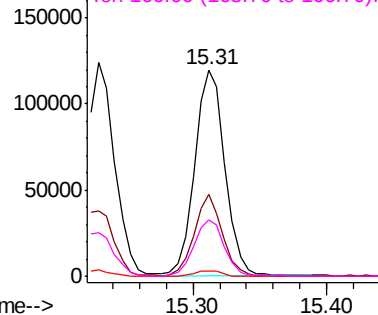
Tot Ion:	232	Resp:	188357
Ion Ratio		Lower	Upper
232	100		
131	37.3	29.6	44.4
130	2.4	1.9	2.9
166	27.8	21.8	32.8

Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:04 AM

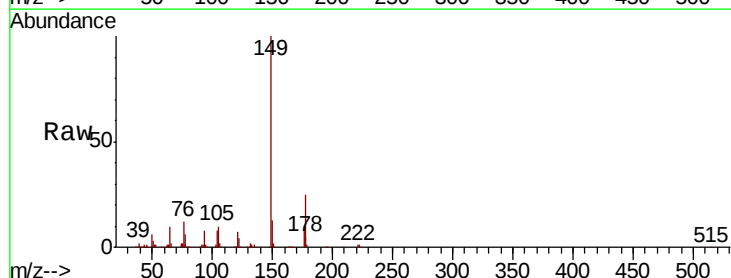


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

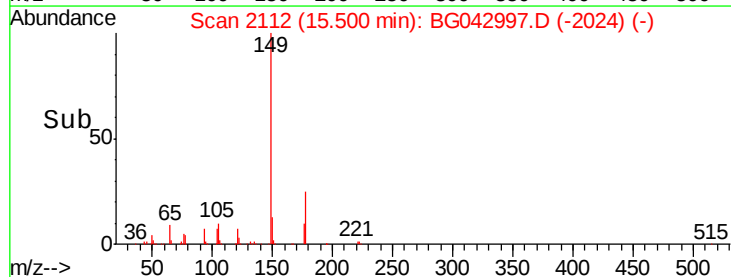
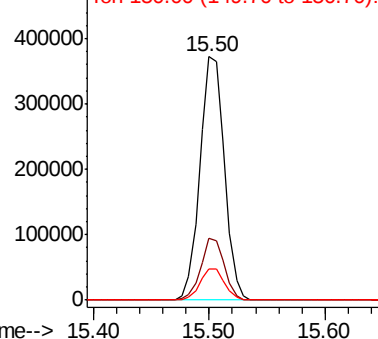


#60
 Diethylphthalate
 Concen: 39.856 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Tgt Ion:	149	Resp:	544699
Ion Ratio		Lower	Upper
149	100		
177	25.2	18.8	28.2
150	12.9	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





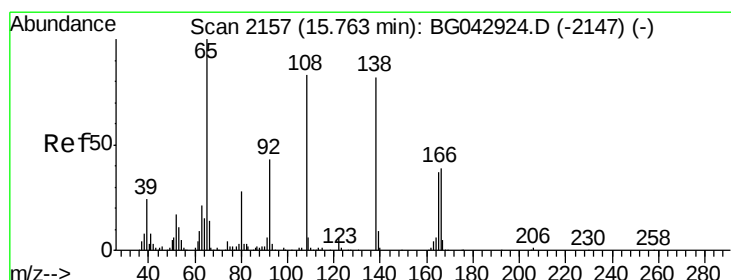
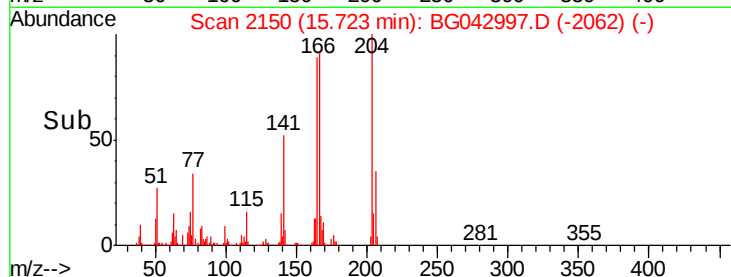
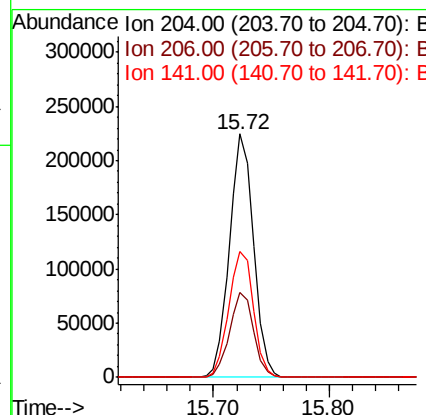
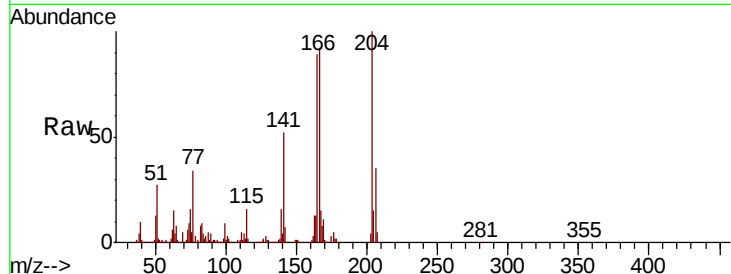
#61
4-Chlorophenyl-phenylether
Concen: 41.009 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.5	42.7
141	51.9	42.4	63.6

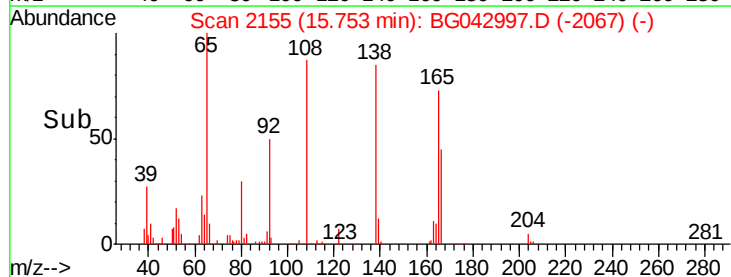
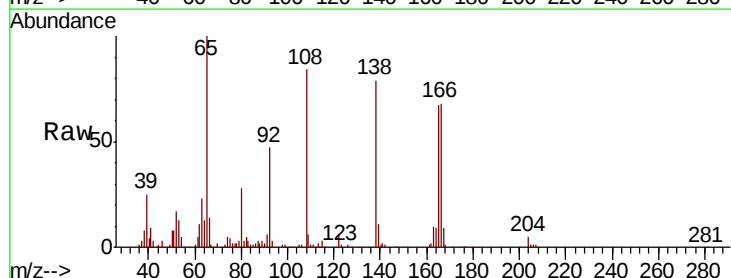
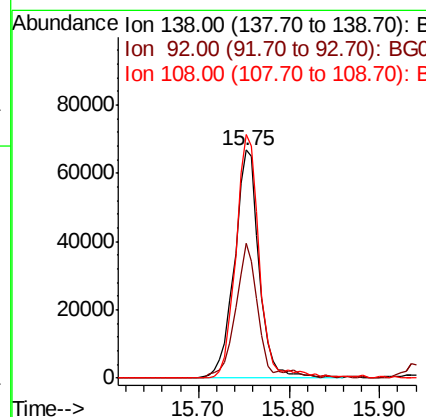
Manual Integrations
APPROVED

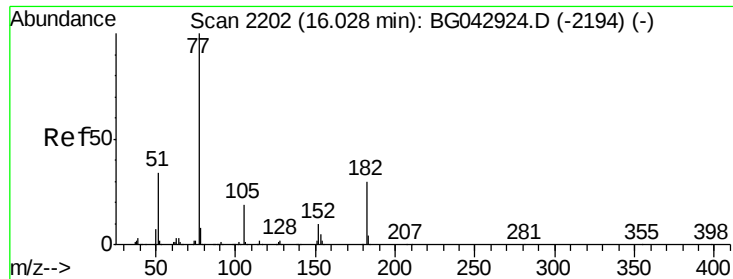
mohammad
10/4/2019 8:18:04 AM



#62
4-Nitroaniline
Concen: 39.534 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.1	32.9	72.9
108	106.7	81.3	121.3





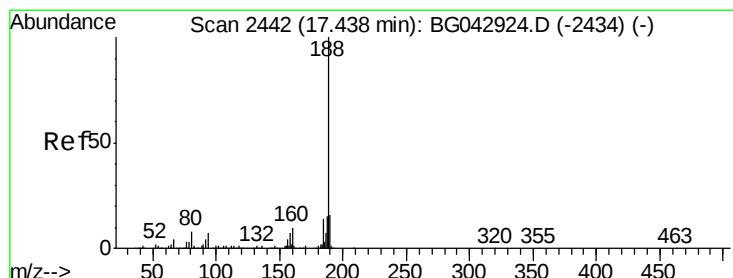
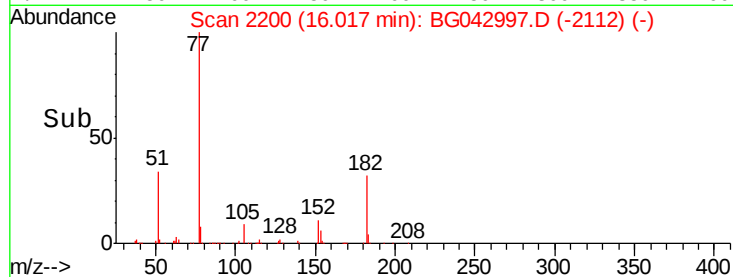
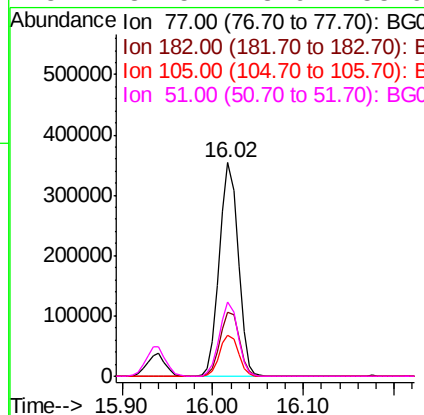
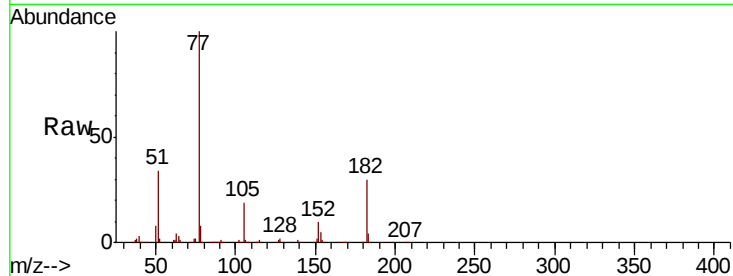
#63
Azobenzene
Concen: 40.835 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampled :
S-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		508087		
182	30.0	10.2	50.2		
105	18.9	0.0	39.1		
51	34.5	13.9	53.9		

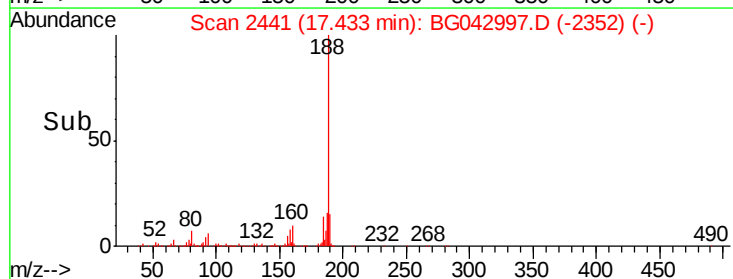
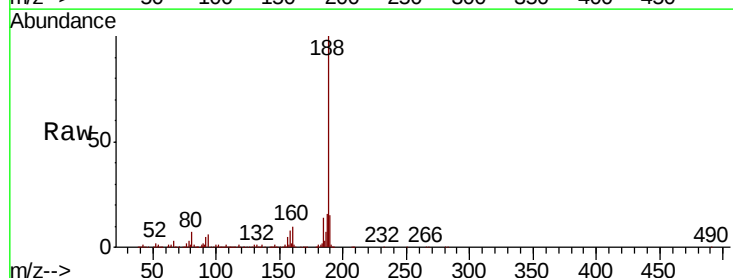
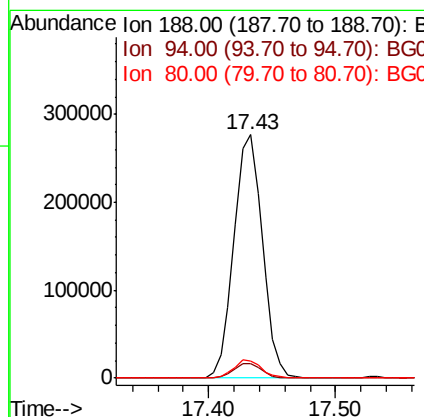
Manual Integrations
APPROVED

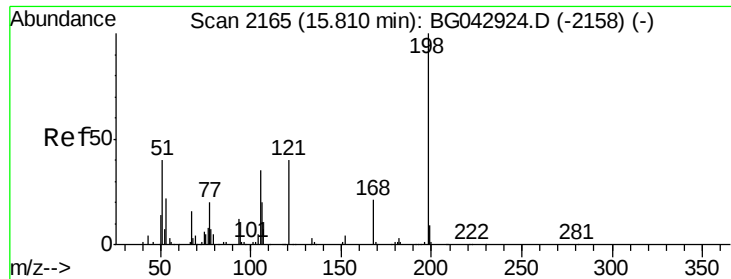
mohammad
10/4/2019 8:18:04 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		431678		
94	6.0	5.7	8.5		
80	6.7	6.5	9.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 42.695 ng

RT: 15.81 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

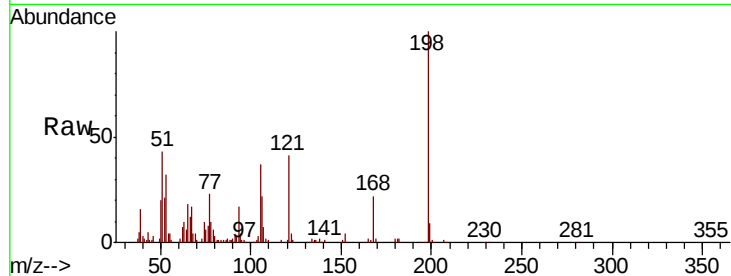
ClientSampled :

S-1MS

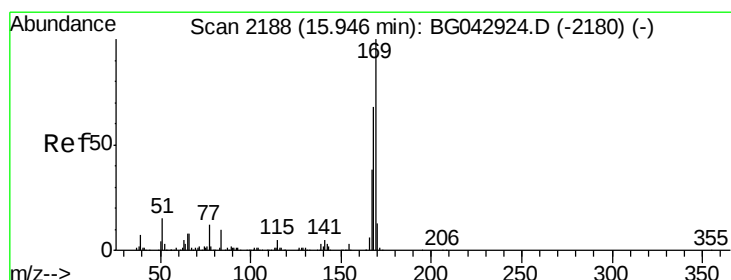
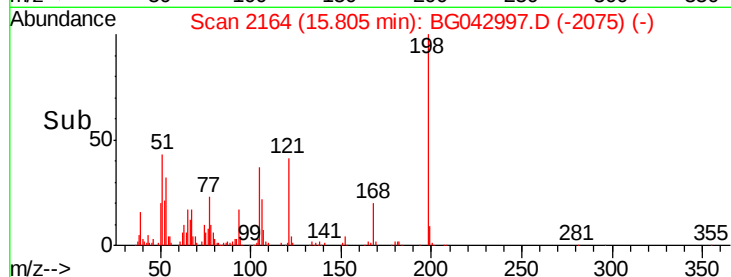
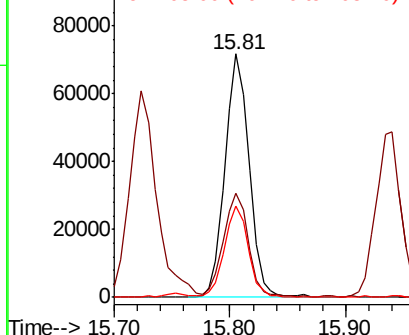
Tot Ion:	198	Resp:	104292
Ion Ratio	Lower	Upper	
198	100		
51	43.0	25.3	65.3
105	37.3	16.6	56.6

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



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



#66

n-Nitrosodiphenylamine

Concen: 43.795 ng

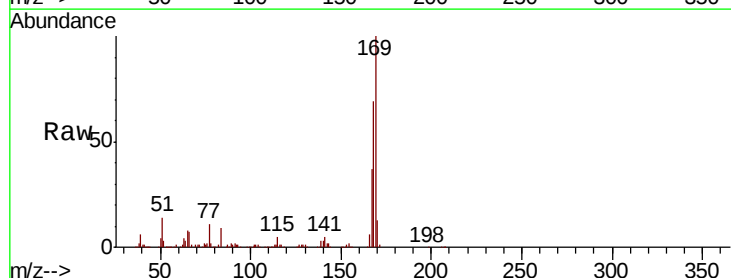
RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

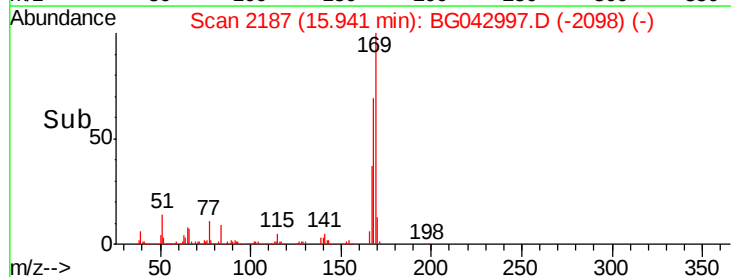
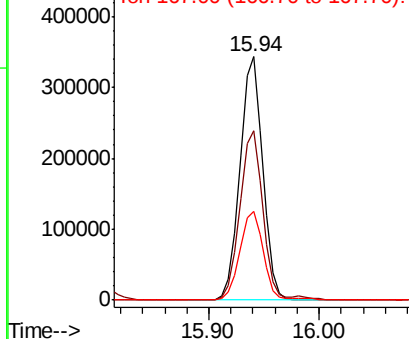
Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion:	169	Resp:	499073
Ion Ratio	Lower	Upper	
169	100		
168	69.4	54.8	82.2
167	36.5	30.6	46.0



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





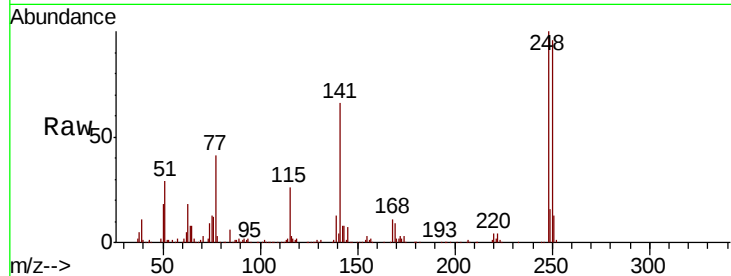
#67
4-Bromophenyl-phenylether
Concen: 41.611 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	75.8	113.8
141	65.8	51.1	76.7

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM

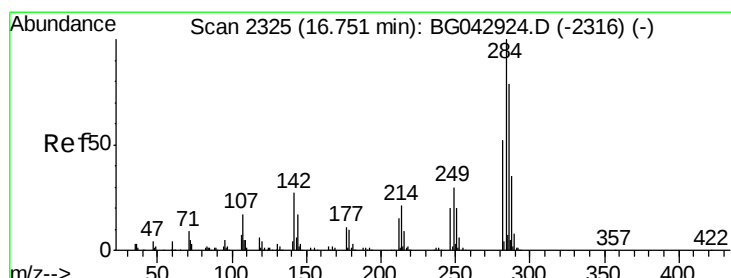
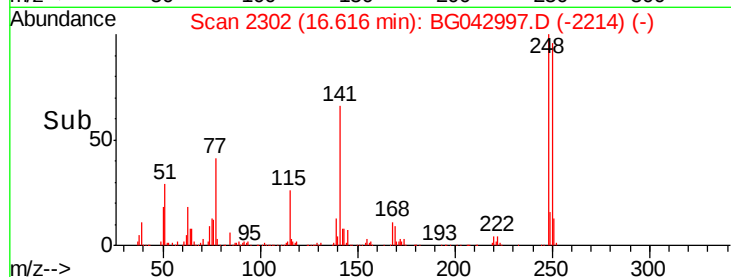
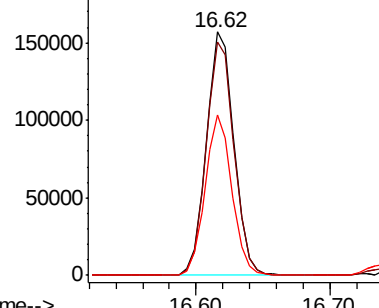


Abundance

Ion 248.00 (247.70 to 248.70): E

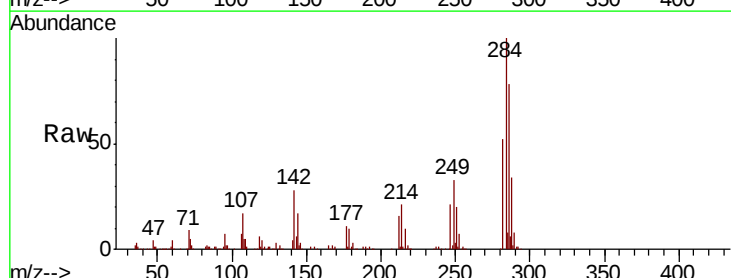
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.439 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.1	21.6	32.4
249	33.2	24.1	36.1

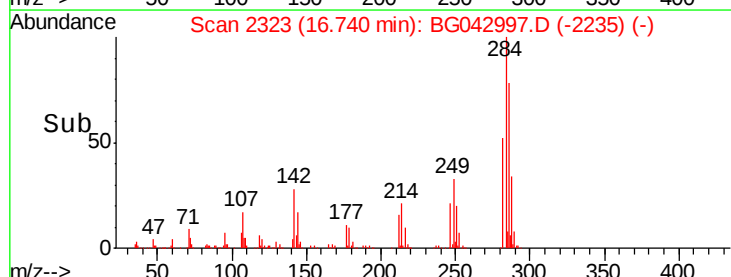
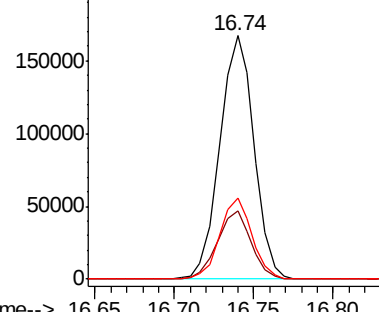


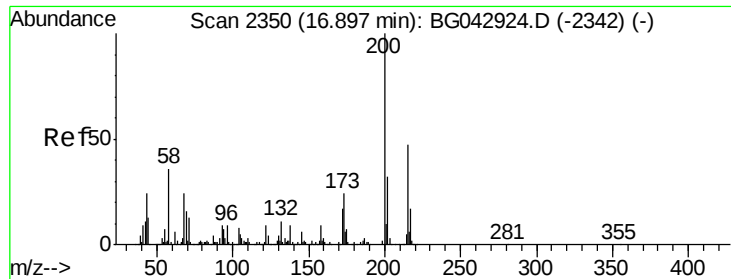
Abundance

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





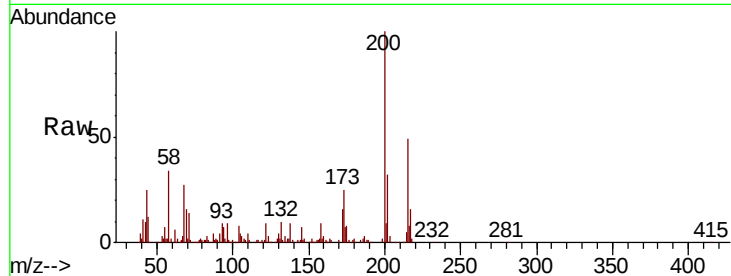
#69
Atrazine
Concen: 40.079 ng
RT: 16.89 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.6	4.0	44.0
215	48.5	27.4	67.4

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM

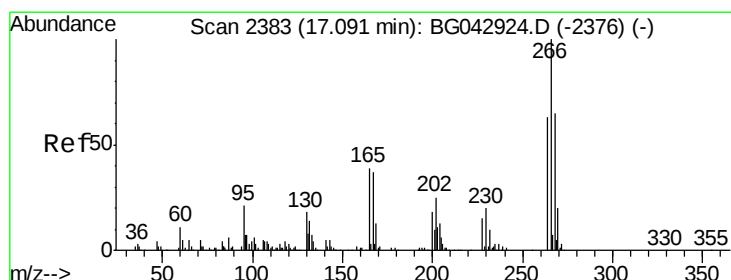
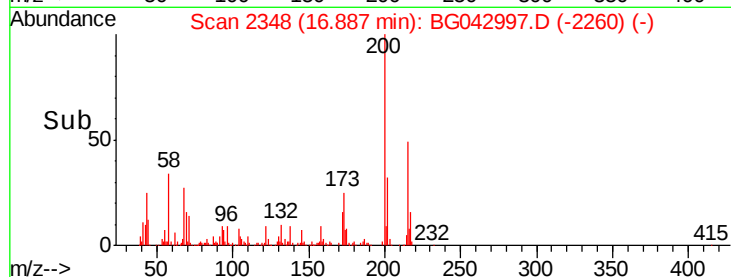
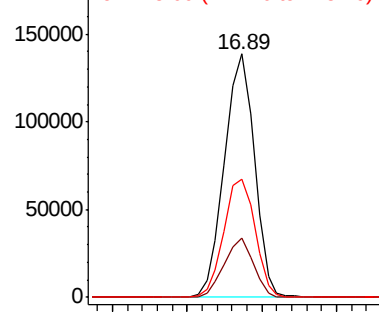


Abundance

Ion 200.00 (199.70 to 200.70): E

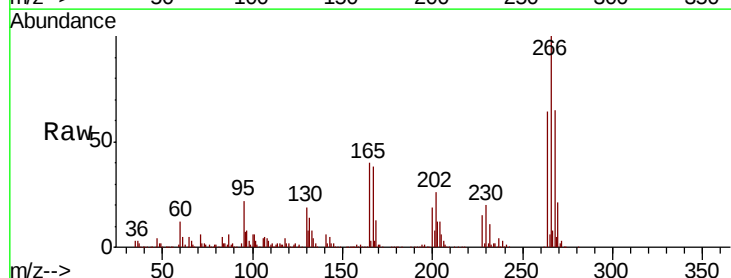
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 90.338 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.5	52.2	78.2
264	64.1	50.7	76.1

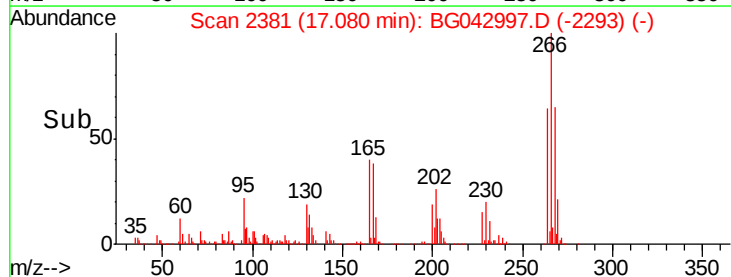
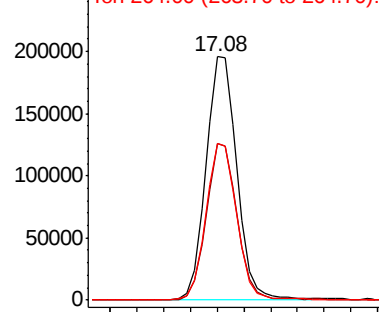


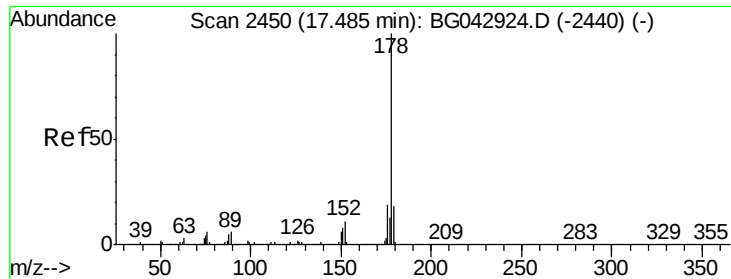
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





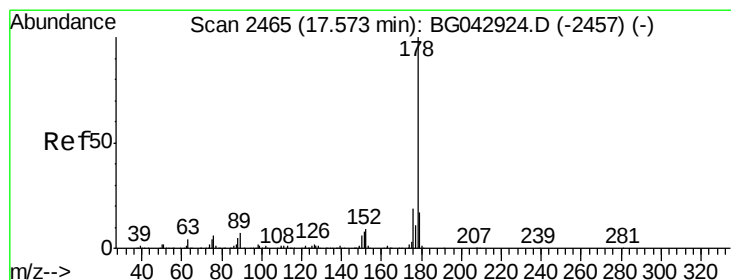
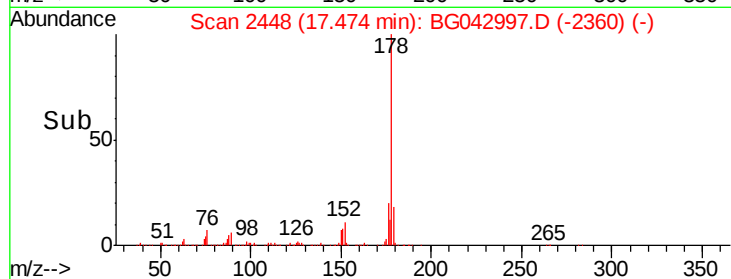
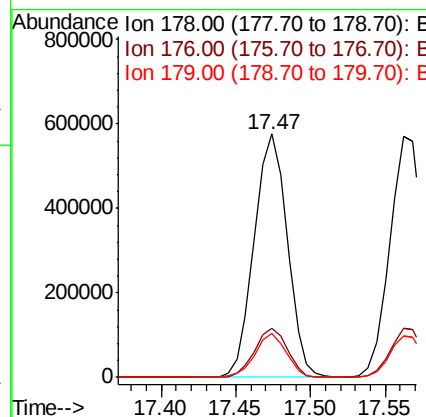
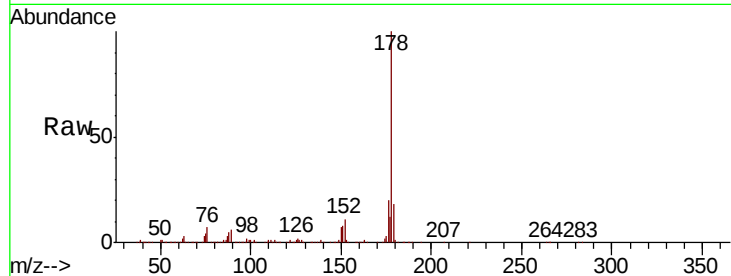
#71
Phenanthrene
Concen: 42.022 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	17.9	14.1	21.1

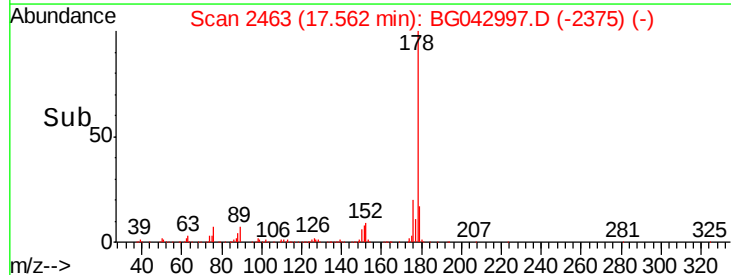
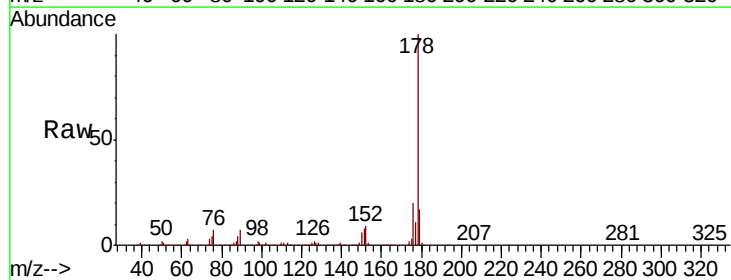
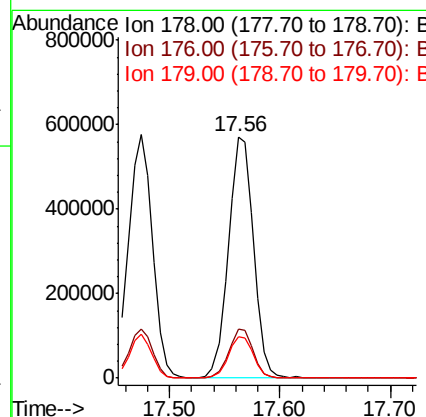
Manual Integrations
APPROVED

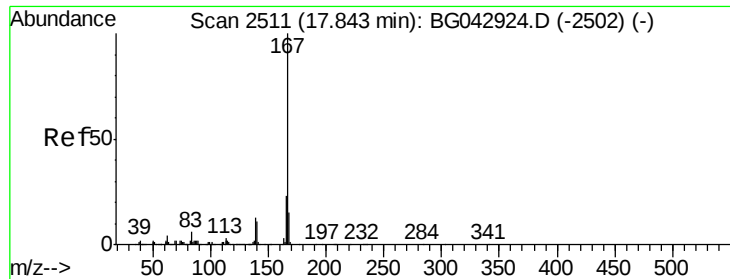
mohammad
10/4/2019 8:18:04 AM



#72
Anthracene
Concen: 43.036 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	17.1	13.5	20.3





#73

Carbazole

Concen: 42.255 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

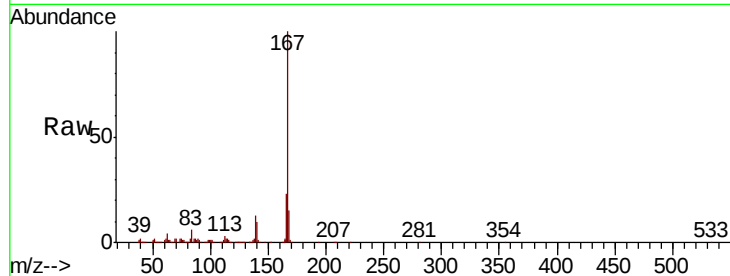
ClientSampleId :

S-1MS

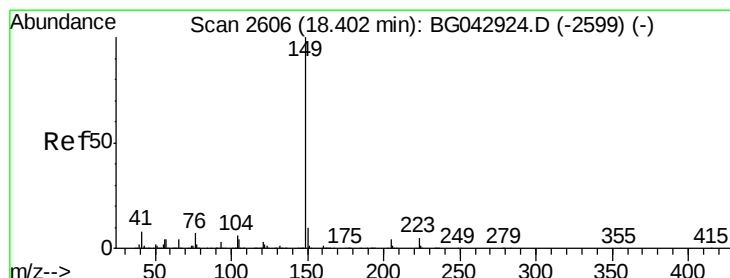
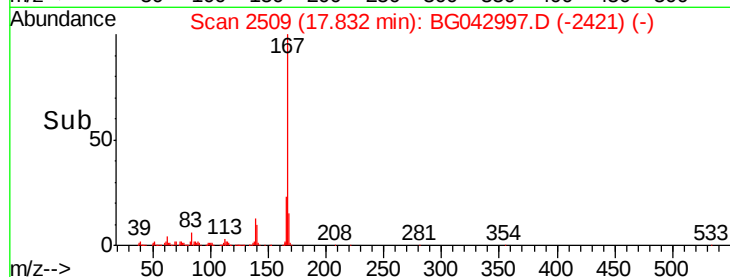
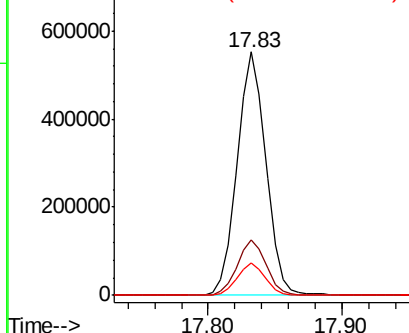
Tot Ion:	167	Resp:	824390
Ion Ratio	Lower	Upper	
167	100		
166	22.8	18.6	28.0
139	13.1	10.8	16.2

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.772 ng

RT: 18.39 min Scan# 2604

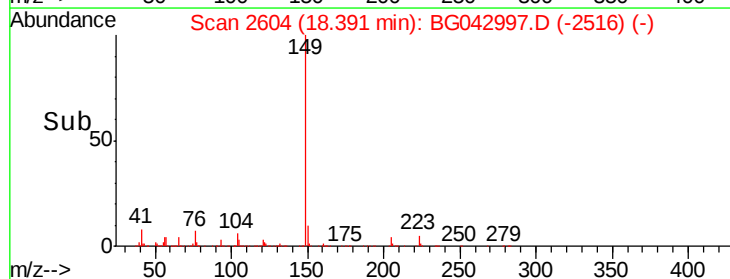
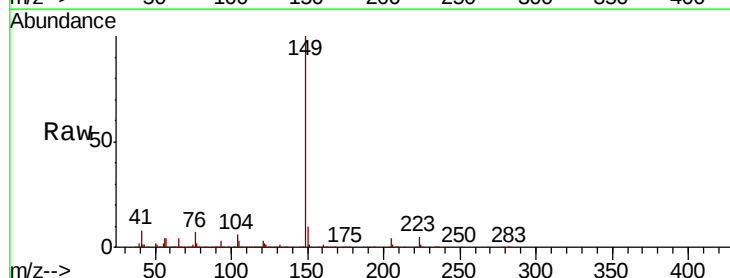
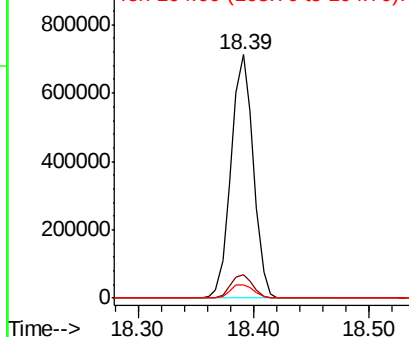
Delta R.T. -0.01 min

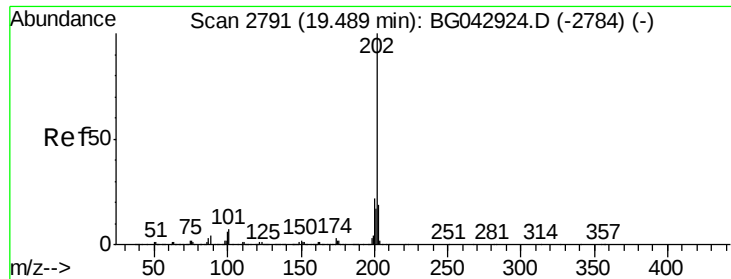
Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion:	149	Resp:	949080
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	5.6	5.0	7.6

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.315 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

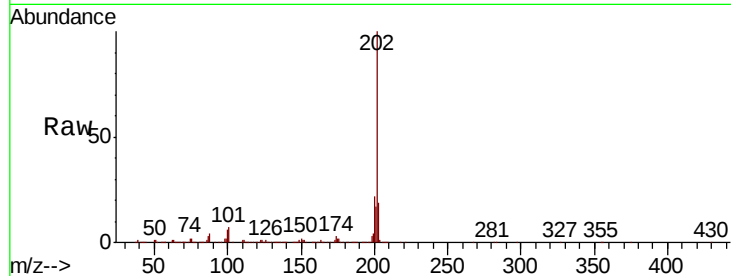
ClientSampled :

S-1MS

Tot Ion:	202	Resp:	1151666
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	27.3
203	19.4	0.0	39.5

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM

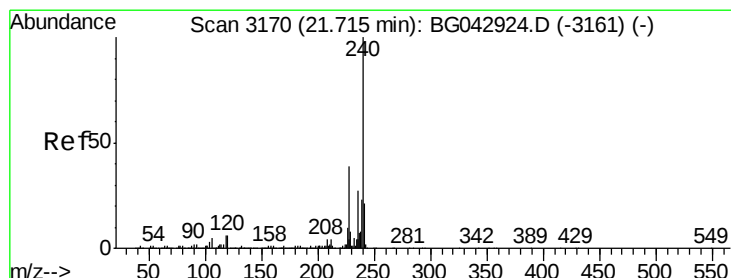
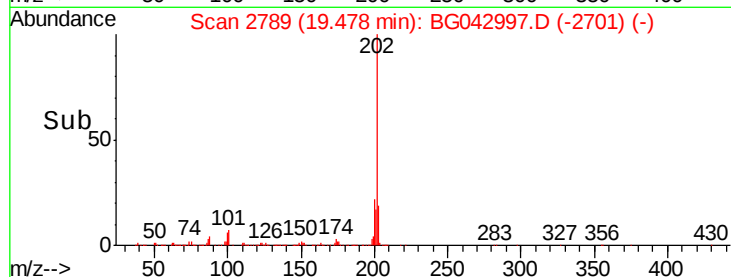
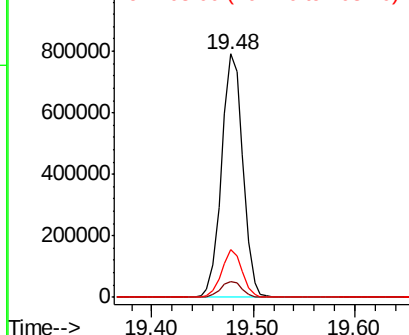


Abundance

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

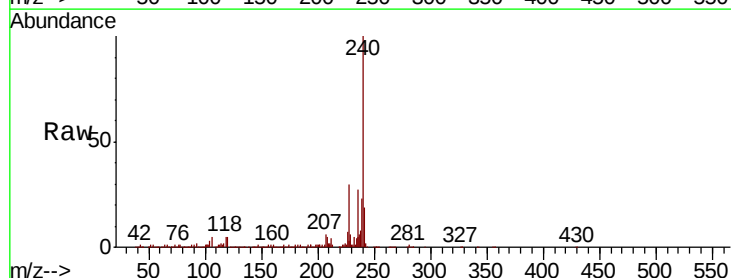
RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion:	240	Resp:	460468
Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.8	7.2
236	27.4	21.4	32.0

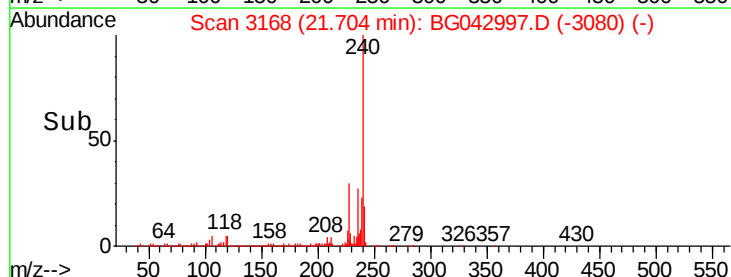
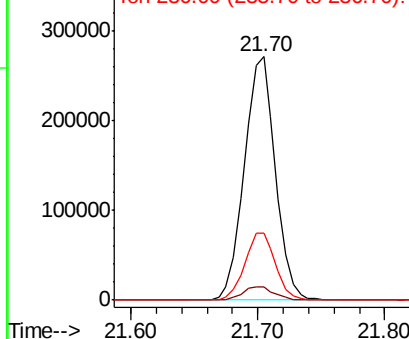


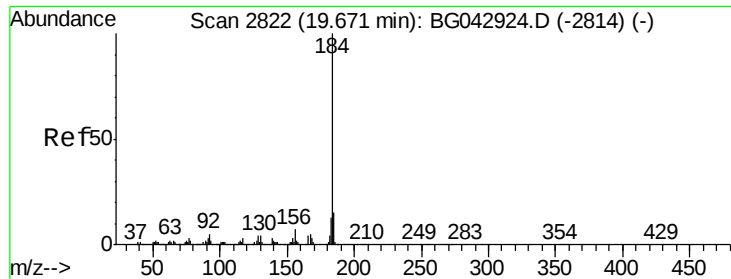
Abundance

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: 50.583 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

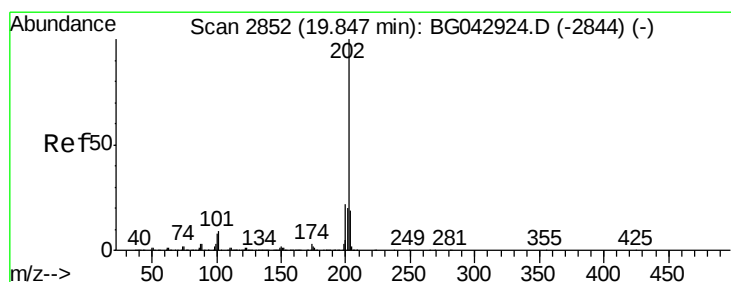
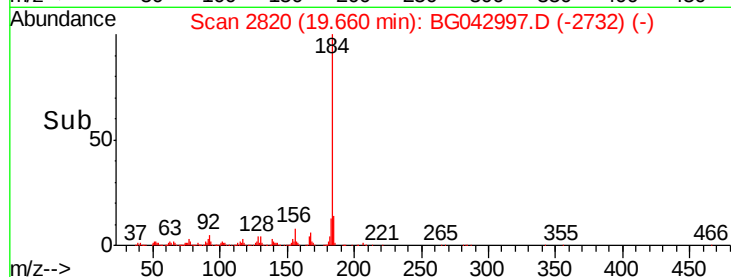
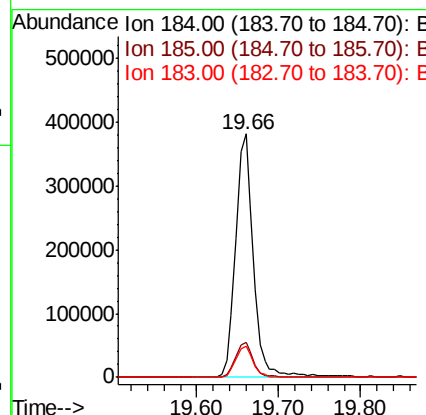
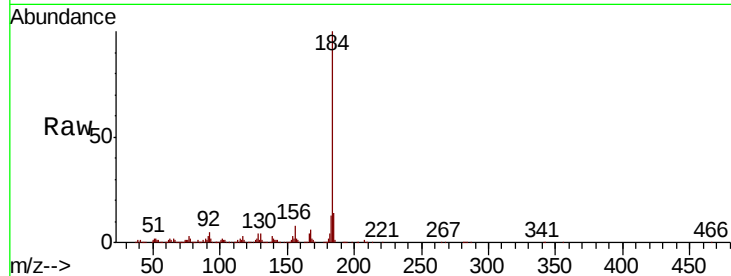
ClientSampled :

S-1MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.8
183	12.9	10.1	15.1

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



#78

Pyrene

Concen: 42.692 ng

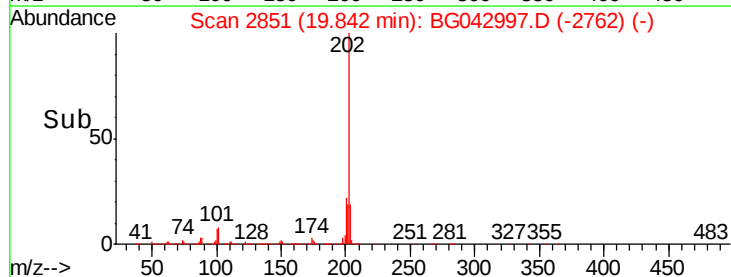
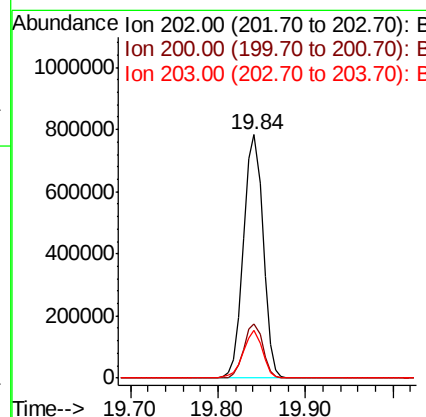
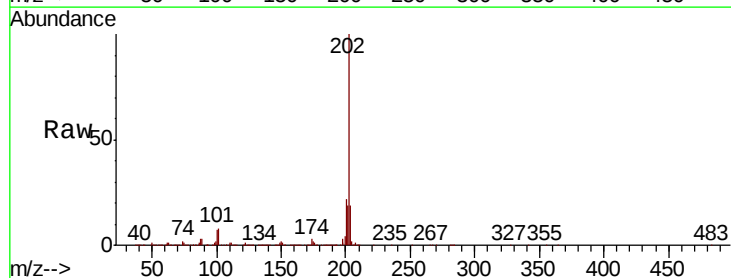
RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	19.4	15.2	22.8





#79

Terphenyl-d14

Concen: 69.364 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

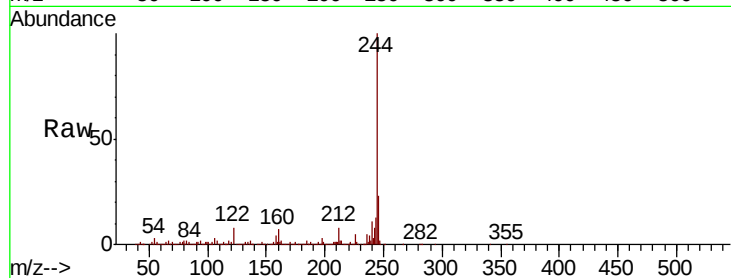
ClientSampled :

S-1MS

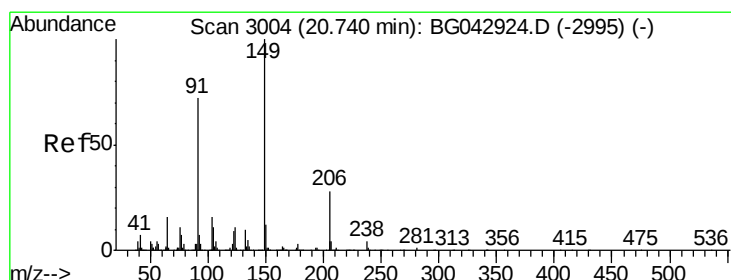
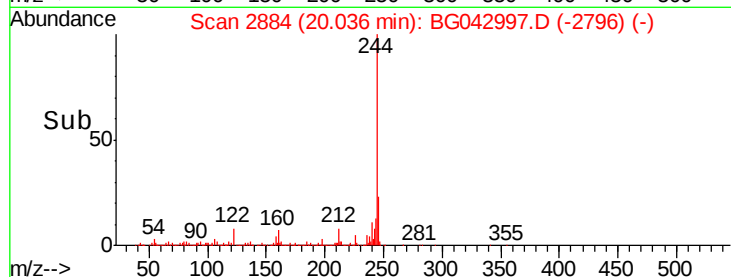
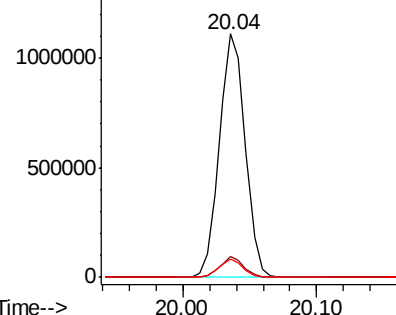
Tot Ion:	244	Resp:	1498914
Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.0
122	7.6	7.0	10.4

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.141 ng

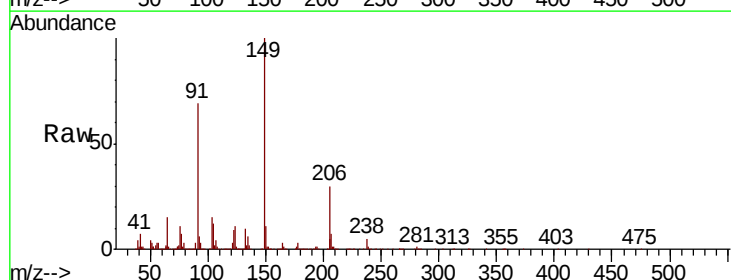
RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

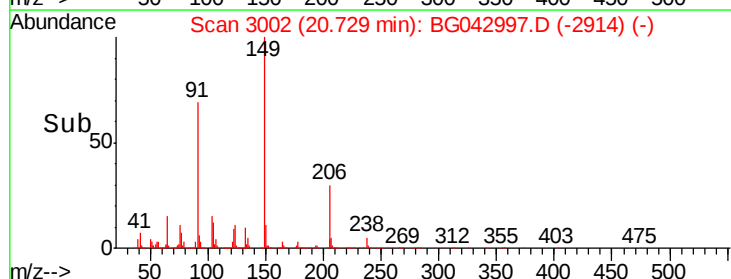
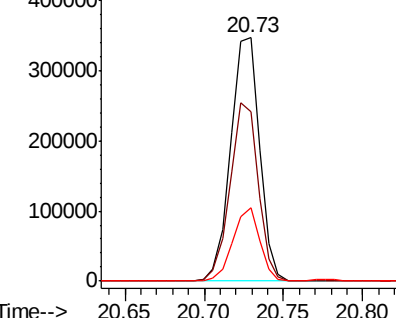
Lab File: BG042997.D

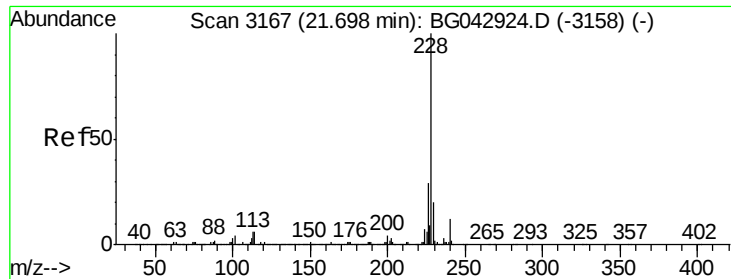
Acq: 2 Oct 2019 22:57

Tgt Ion:	149	Resp:	439616
Ion	Ratio	Lower	Upper
149	100		
91	69.4	57.7	86.5
206	30.2	22.6	33.8



Abundance Ion 149.00 (148.70 to 149.70): E
400000
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.210 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

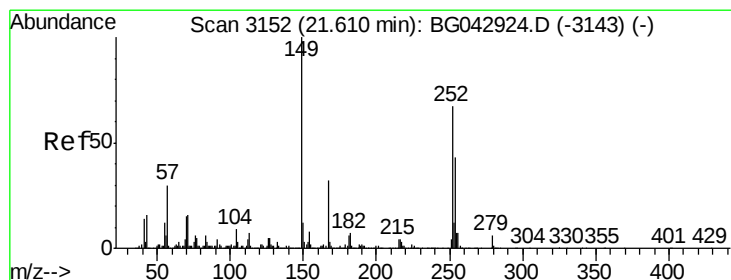
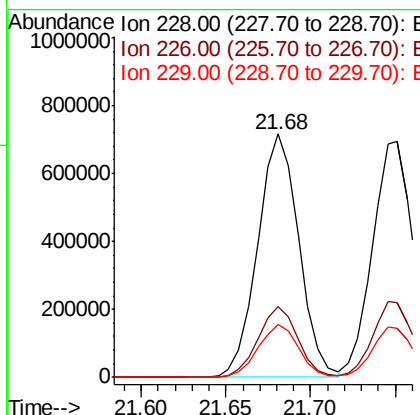
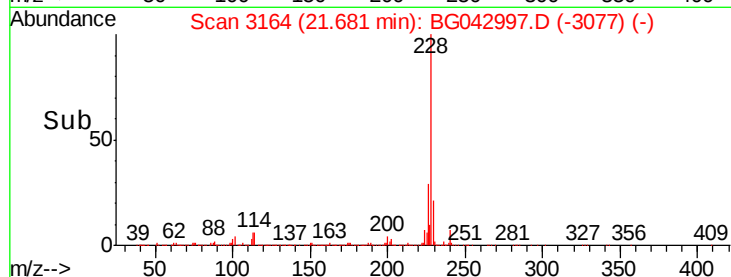
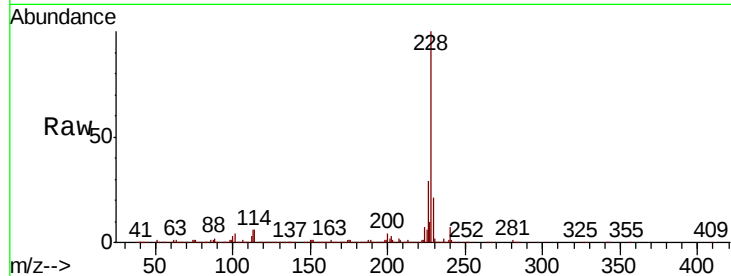
ClientSampleId :

S-1MS

Tot Ion:	228	Resp:	1211052
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.4
229	21.5	16.3	24.5

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



#82

3,3'-Dichlorobenzidine

Concen: 24.686 ng

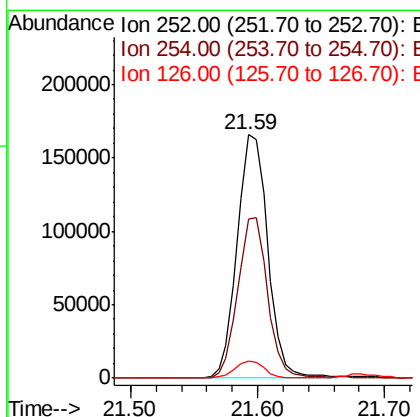
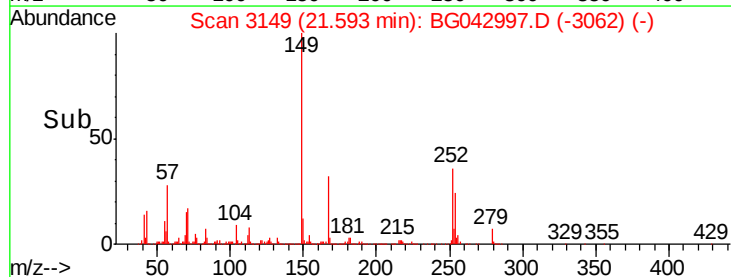
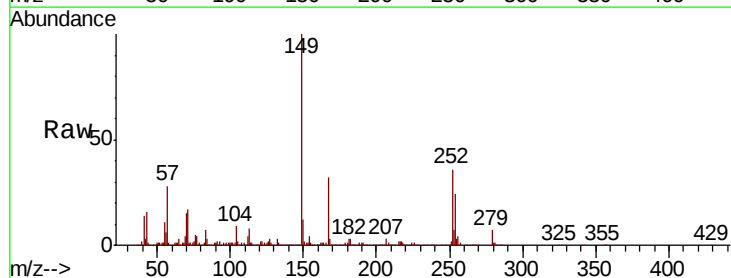
RT: 21.59 min Scan# 3149

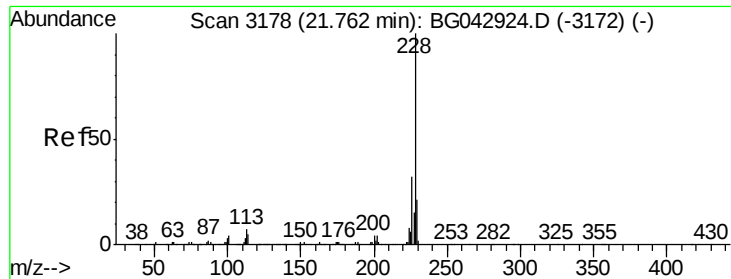
Delta R.T. -0.02 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion:	252	Resp:	277789
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.9	77.9
126	6.7	6.1	9.1





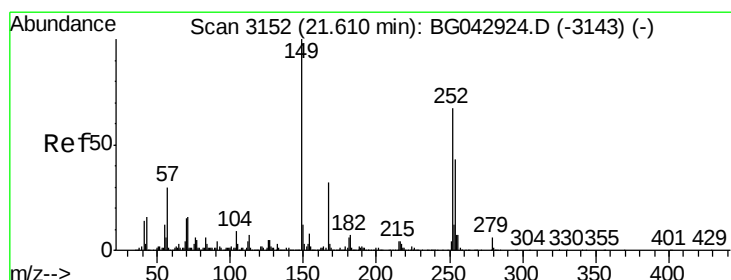
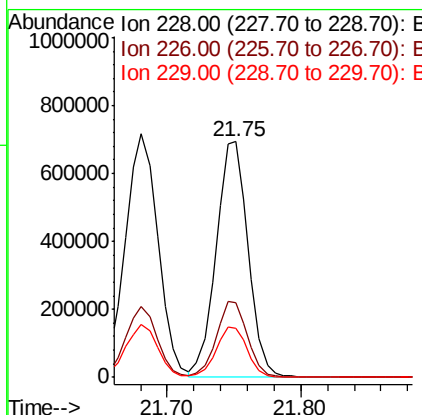
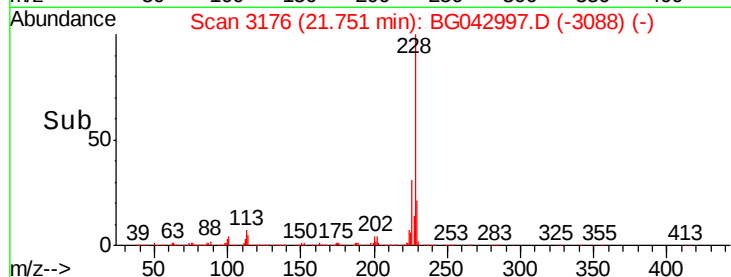
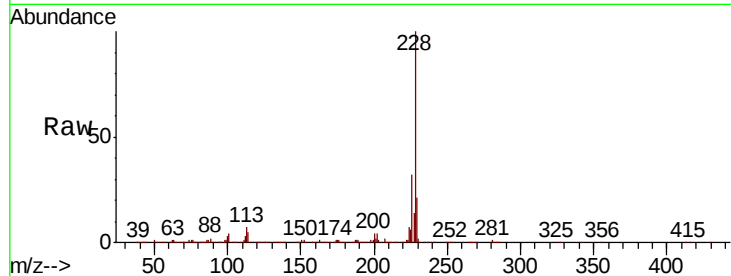
#83
Chrysene
Concen: 41.754 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	20.9	16.9	25.3

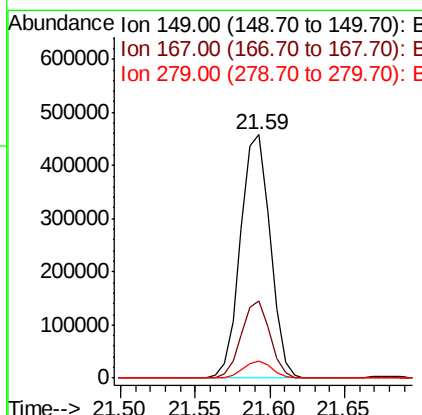
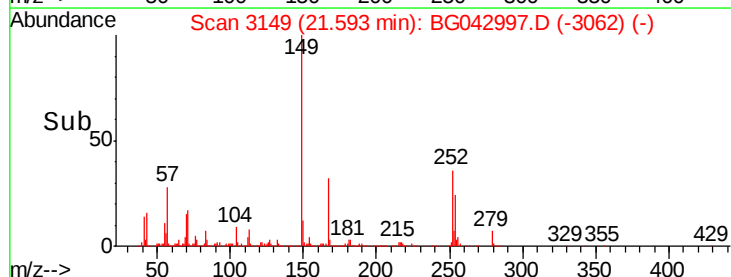
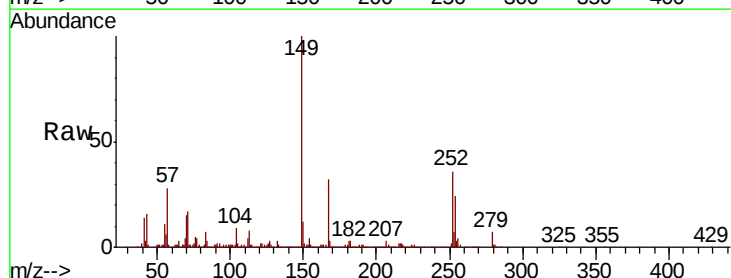
Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.678 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.8	25.4	38.2
279	7.1	5.1	7.7





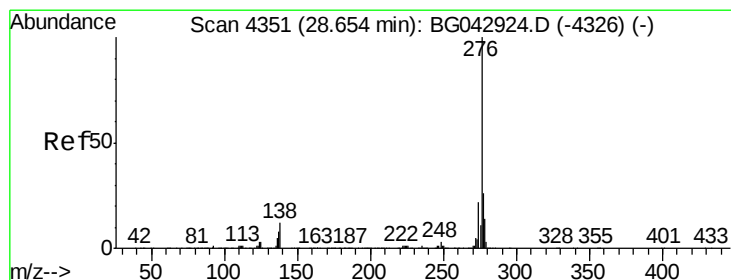
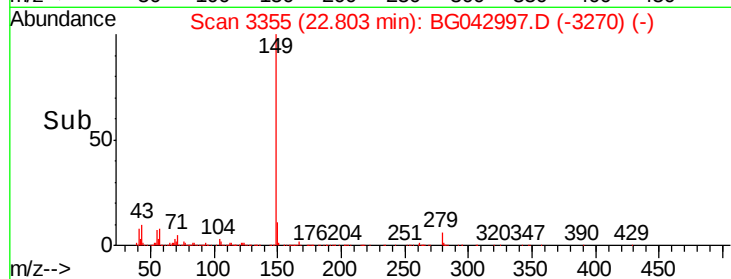
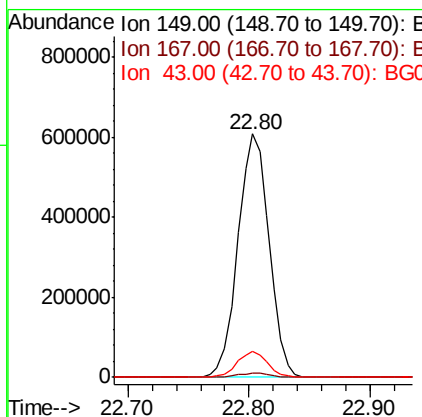
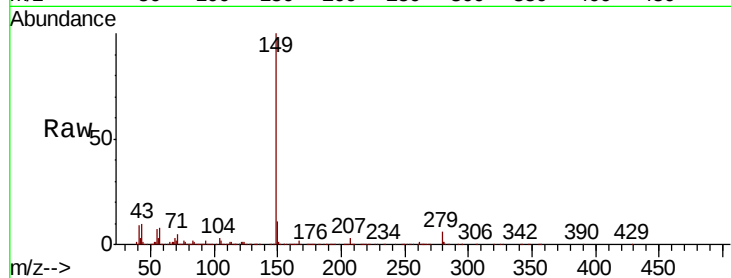
#85
Di-n-octyl phthalate
Concen: 44.811 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.03 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.2	8.7	13.1

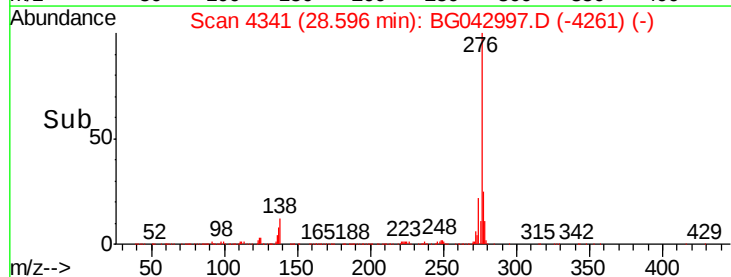
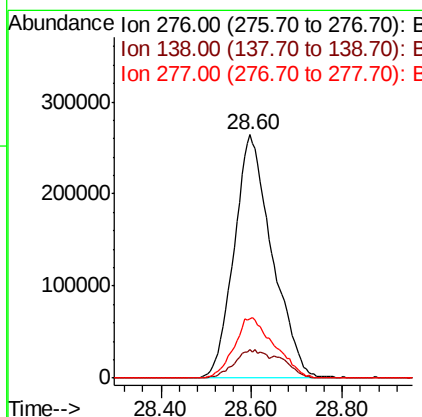
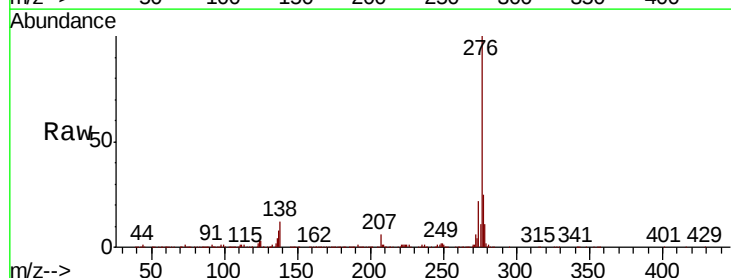
Manual Integrations
APPROVED

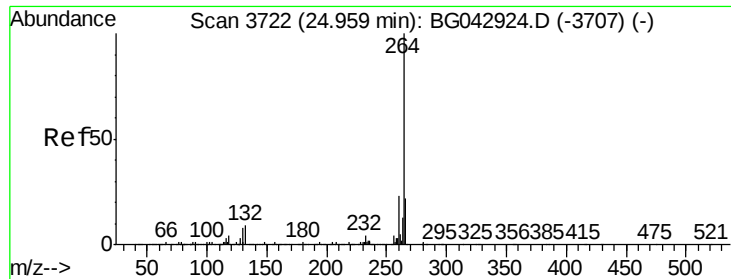
mohammad
10/4/2019 8:18:04 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.396 ng
RT: 28.60 min Scan# 4341
Delta R.T. -0.06 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.0	7.0	10.6
277	26.3	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

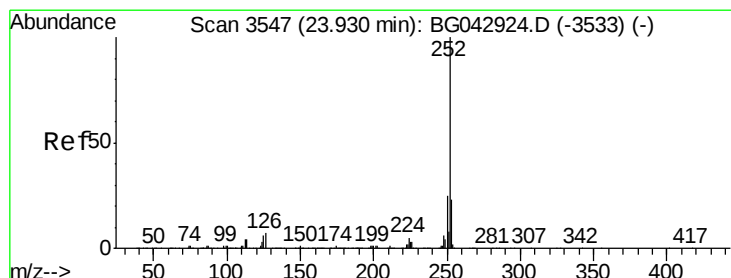
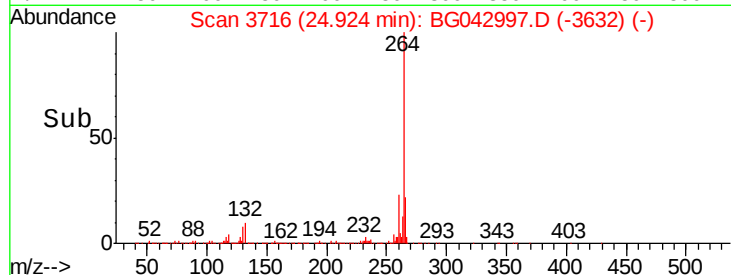
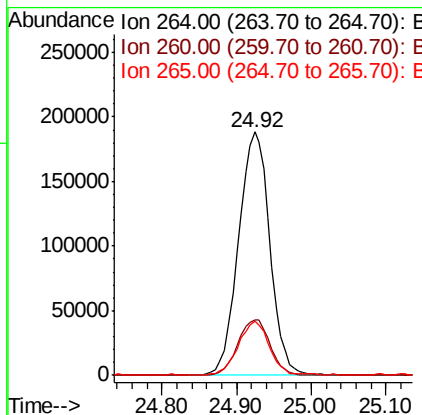
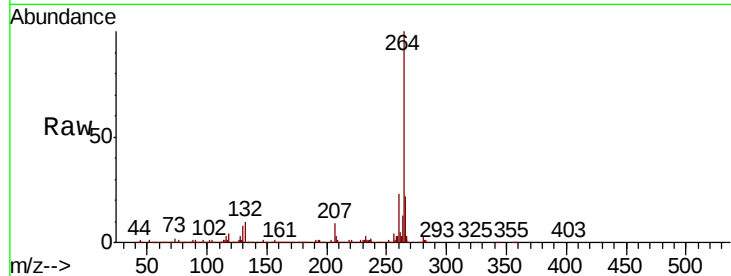
ClientSampleId :

S-1MS

Tot Ion:	264	Resp:	547555
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.7	28.1
265	22.1	17.7	26.5

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM



#88

Benzo(b)fluoranthene

Concen: 42.523 ng

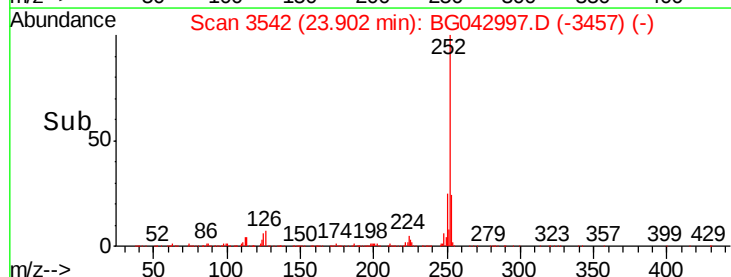
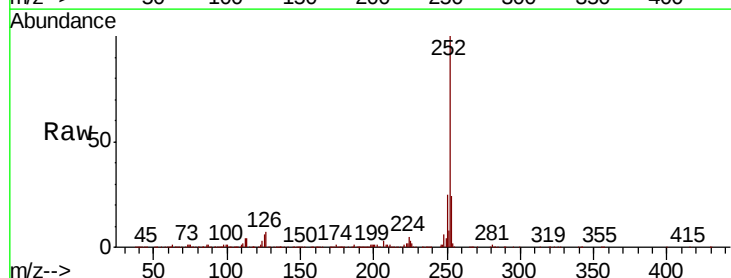
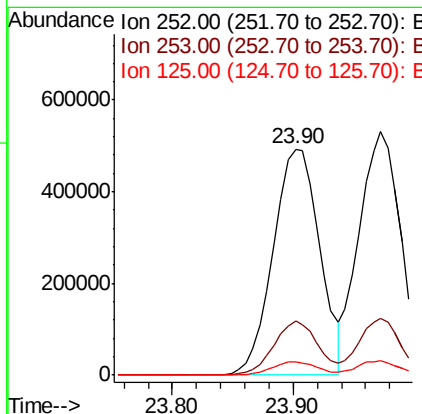
RT: 23.90 min Scan# 3542

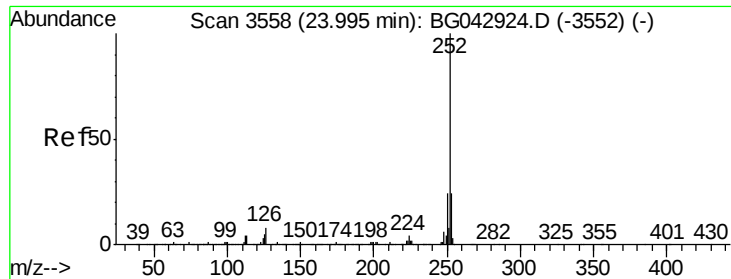
Delta R.T. -0.03 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion:	252	Resp:	1317454
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.2	27.2
125	5.6	4.6	7.0





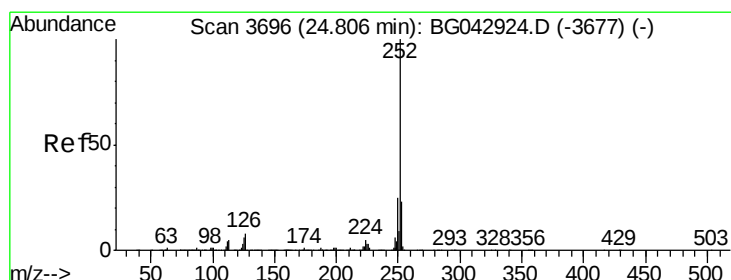
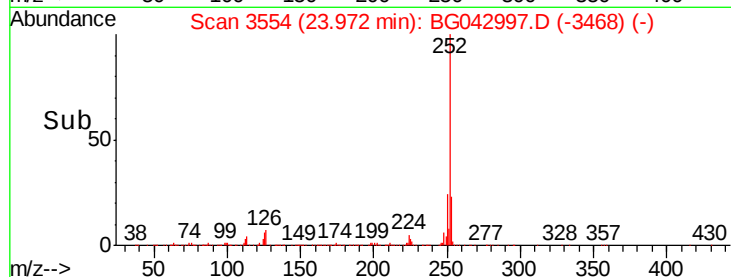
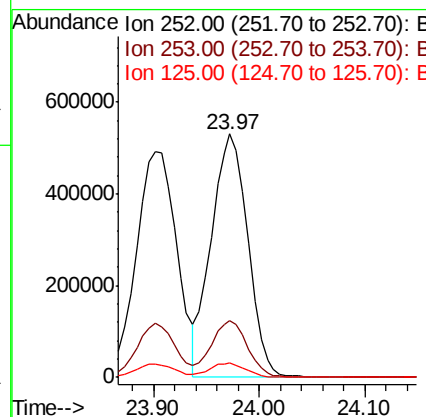
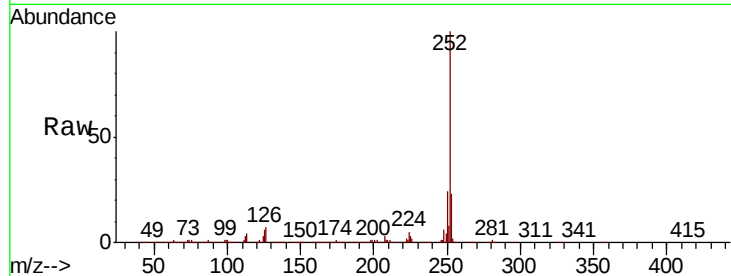
#89
Benzo(k)fluoranthene
Concen: 41.588 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.02 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	5.7	4.5	6.7

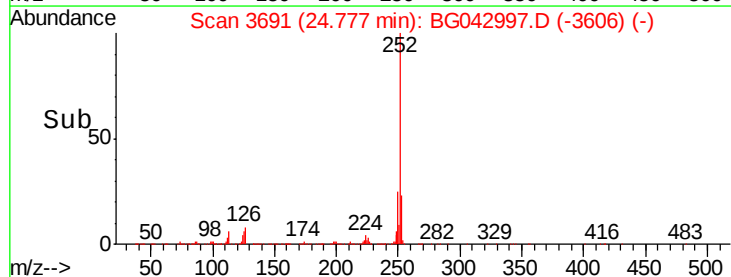
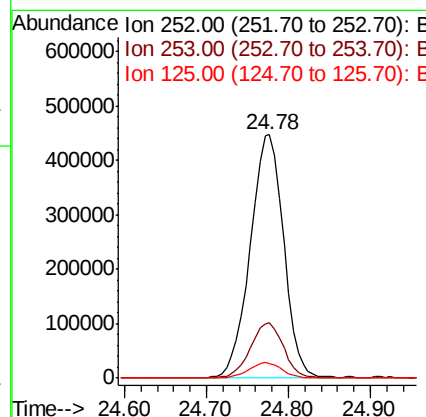
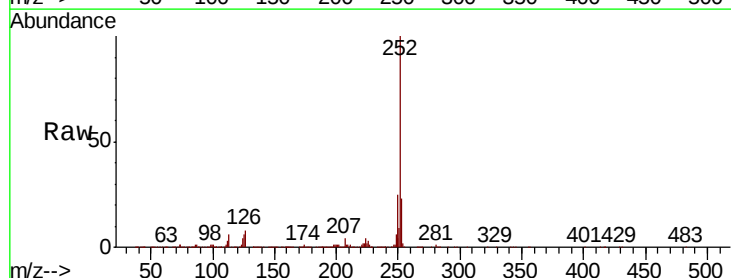
Manual Integrations
APPROVED

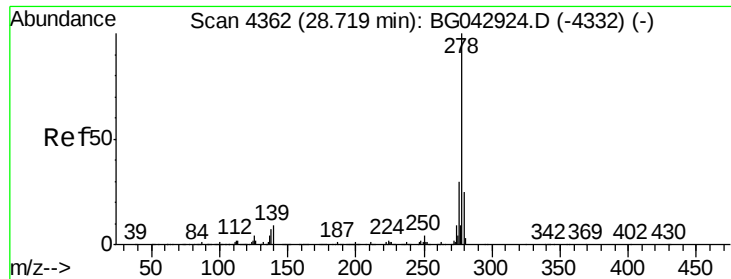
mohammad
10/4/2019 8:18:04 AM



#90
Benzo(a)pyrene
Concen: 43.607 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	6.0	5.0	7.6





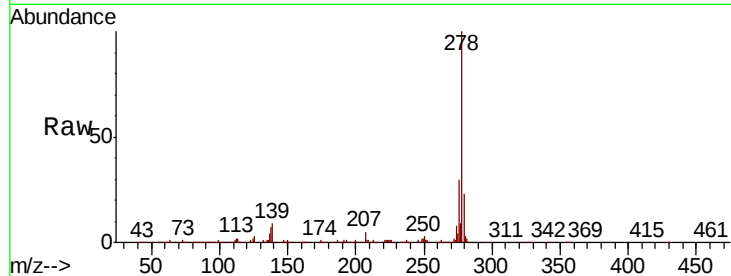
#91
Dibenzo(a,h)anthracene
Concen: 43.257 ng
RT: 28.67 min Scan# 4353
Delta R.T. -0.05 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	6.8	10.2
279	23.3	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:04 AM

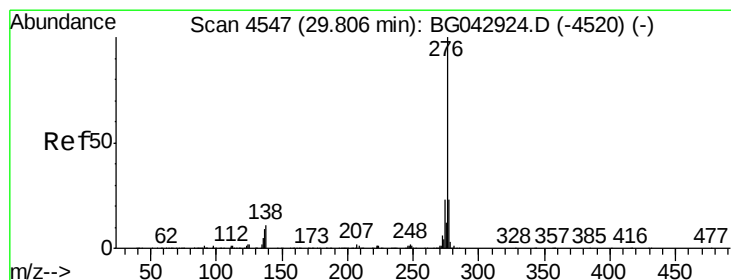
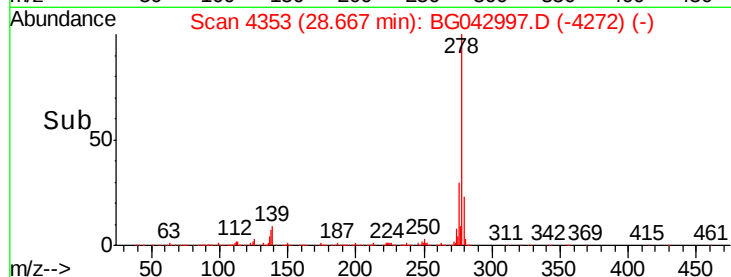
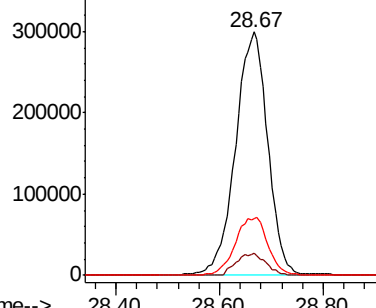


Abundance

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: 44.398 ng
RT: 29.75 min Scan# 4537
Delta R.T. -0.06 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	11.3	8.6	12.8

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

