

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG043002.D
 Acq On : 3 Oct 2019 2:48
 Operator : JU
 Sample : PB123570BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:13 AM

Quant Time: Oct 03 06:33:43 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	69436	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	277292	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	197988	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	480029	20.00	ng	0.00
76) Chrysene-d12	21.70	240	523354	20.00	ng	-0.01
87) Perylene-d12	24.92	264	541848	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	459225	118.03	ng	0.00
7) Phenol-d6	7.24	99	617218	110.16	ng	0.00
23) Nitrobenzene-d5	9.23	82	377165	66.11	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	386672	113.58	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	918219	67.23	ng	-0.01
79) Terphenyl-d14	20.04	244	1729260	70.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	57039	35.162	ng	93
3) Pyridine	3.95	79	141893	31.099	ng	93
4) n-Nitrosodimethylamine	3.86	42	88825	40.484	ng	92
6) Aniline	7.40	93	213313	31.539	ng	97
8) 2-Chlorophenol	7.64	128	194182	47.856	ng	98
9) Benzaldehyde	7.21	77	101036	29.510	ng	92
10) Phenol	7.27	94	240460	46.777	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	173248	43.558	ng	95
12) 1,3-Dichlorobenzene	7.96	146	209077	40.392	ng	98
13) 1,4-Dichlorobenzene	8.10	146	217601	42.170	ng	98
14) 1,2-Dichlorobenzene	8.42	146	204218	41.570	ng	95
15) Benzyl Alcohol	8.31	79	183065	43.458	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	269422	35.272	ng	99
17) 2-Methylphenol	8.51	107	164878	45.839	ng	96
18) Hexachloroethane	9.16	117	77830	40.050	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	144810	39.360	ng	97
20) 3+4-Methylphenols	8.84	107	223929	45.429	ng	93
22) Acetophenone	8.89	105	281700	39.411	ng	# 97
24) Nitrobenzene	9.28	77	227721	41.848	ng	98
25) Isophorone	9.79	82	409127	40.827	ng	100
26) 2-Nitrophenol	9.98	139	111912	48.310	ng	95
27) 2,4-Dimethylphenol	10.05	122	181539	51.029	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	227036	39.932	ng	99
29) 2,4-Dichlorophenol	10.52	162	207511	46.901	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	233354	40.841	ng	98
31) Naphthalene	10.92	128	584272	42.804	ng	99
32) Benzoic acid	10.20	122	117407	43.311	ng	95
33) 4-Chloroaniline	11.03	127	162186	27.382	ng	96
34) Hexachlorobutadiene	11.21	225	167024	39.041	ng	97
35) Caprolactam	11.81	113	67297m	43.131	ng	
36) 4-Chloro-3-methylphenol	12.15	107	218376	45.394	ng	96
37) 2-Methylnaphthalene	12.52	142	445404	42.773	ng	97
38) 1-Methylnaphthalene	12.74	142	414786	42.096	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	297886	40.016	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG043002.D
 Acq On : 3 Oct 2019 2:48
 Operator : JU
 Sample : PB123570BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:13 AM

Quant Time: Oct 03 06:33:43 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	294290	62.046	nq	94
43) 2,4,6-Trichlorophenol	13.12	196	195484	44.865	nq	97
44) 2,4,5-Trichlorophenol	13.20	196	205695	45.827	nq	98
46) 1,1'-Biphenyl	13.52	154	596704	39.742	nq	98
47) 2-Chloronaphthalene	13.56	162	475038	42.200	nq	99
48) 2-Nitroaniline	13.76	65	156697	41.859	nq	95
49) Acenaphthylene	14.41	152	752624	43.694	nq	99
50) Dimethylphthalate	14.14	163	595878	40.168	nq	99
51) 2,6-Dinitrotoluene	14.26	165	138664	43.893	nq	96
52) Acenaphthene	14.75	154	471156	40.866	nq	98
53) 3-Nitroaniline	14.59	138	112760	34.538	nq	96
54) 2,4-Dinitrophenol	14.79	184	144979	73.831	nq	94
55) Dibenzofuran	15.09	168	742421	43.530	nq	98
56) 4-Nitrophenol	14.91	139	232217	93.351	nq	97
57) 2,4-Dinitrotoluene	15.05	165	205651	44.453	nq	99
58) Fluorene	15.73	166	623805	42.841	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	214632	44.911	nq	99
60) Diethylphthalate	15.50	149	605601	40.114	nq	98
61) 4-Chlorophenyl-phenylether	15.73	204	358930	41.101	nq	98
62) 4-Nitroaniline	15.76	138	148199	41.621	nq	96
63) Azobenzene	16.02	77	563872	41.024	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	111857	41.180	nq	97
66) n-Nitrosodiphenylamine	15.94	169	559328	44.139	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	258914	42.975	nq	97
68) Hexachlorobenzene	16.74	284	284820	42.458	nq	99
69) Atrazine	16.88	200	214177	40.137	nq	97
70) Pentachlorophenol	17.08	266	360263	93.072	nq	99
71) Phenanthrene	17.48	178	1003674	42.828	nq	98
72) Anthracene	17.57	178	1027568	43.921	nq	99
73) Carbazole	17.83	167	943478	43.488	nq	99
74) Di-n-butylphthalate	18.39	149	1072796	41.445	nq	99
75) Fluoranthene	19.48	202	1311387	42.307	nq	99
77) Benzidine	19.66	184	507924	38.760	nq	99
78) Pyrene	19.84	202	1327205	42.488	nq	99
80) Butylbenzylphthalate	20.73	149	508238	42.865	nq	97
81) Benzo(a)anthracene	21.68	228	1377828	42.252	nq	98
82) 3,3'-Dichlorobenzidine	21.60	252	499789	39.077	nq	97
83) Chrysene	21.75	228	1342928	42.437	nq	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	732339	43.407	nq	98
85) Di-n-octyl phthalate	22.81	149	1249750	45.300	nq	98
86) Indeno(1,2,3-cd)pyrene	28.60	276	1751165	44.451	nq	99
88) Benzo(b)fluoranthene	23.91	252	1463818	47.745	nq	99
89) Benzo(k)fluoranthene	23.97	252	1470389	48.479	nq	99
90) Benzo(a)pyrene	24.77	252	1447358	50.037	nq	99
91) Dibenzo(a,h)anthracene	28.67	278	1484585	50.052	nq	100
92) Benzo(g,h,i)perylene	29.76	276	1460196	50.809	nq	99

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

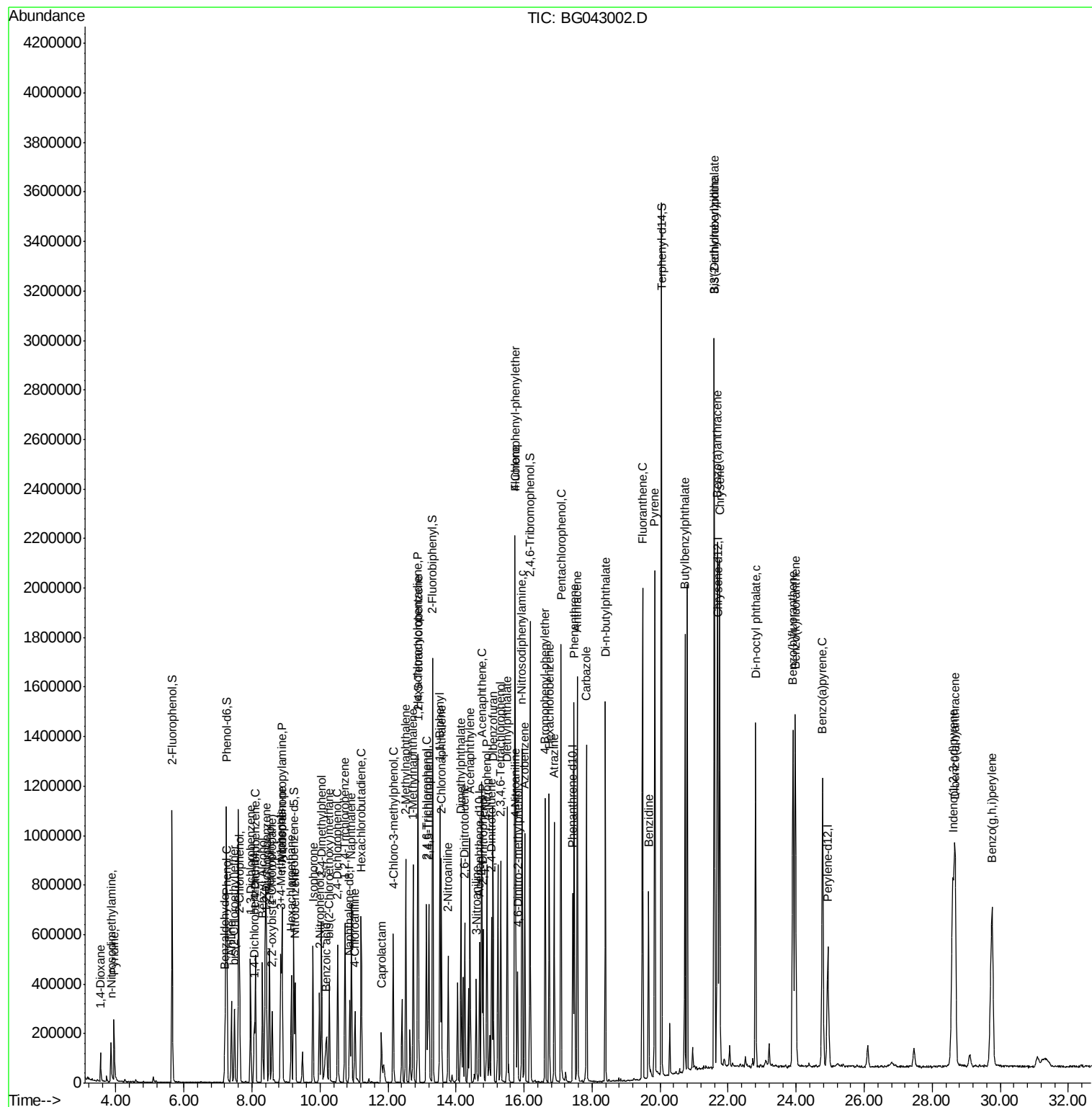
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG043002.D
 Acq On : 3 Oct 2019 2:48
 Operator : JU
 Sample : PB123570BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

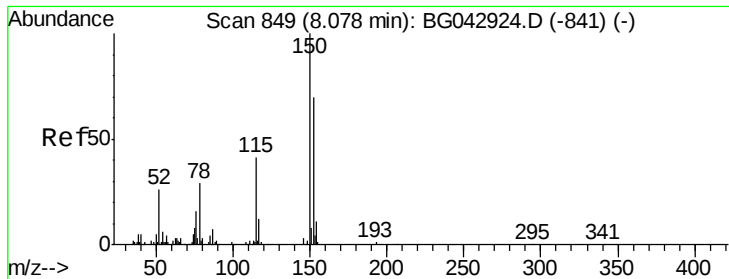
Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:13 AM

Quant Time: Oct 03 06:33:43 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





#1

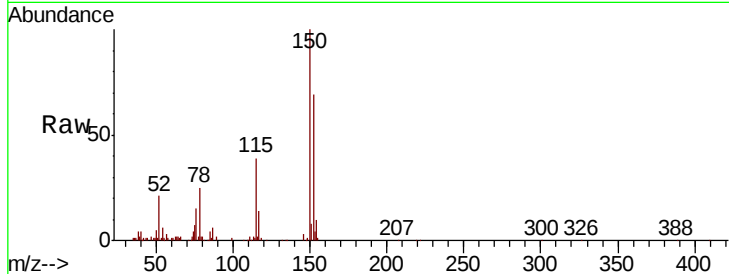
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	115.0	172.4
115	56.2	47.0	70.6

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM

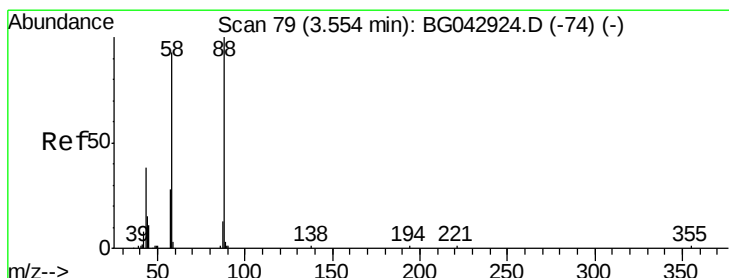
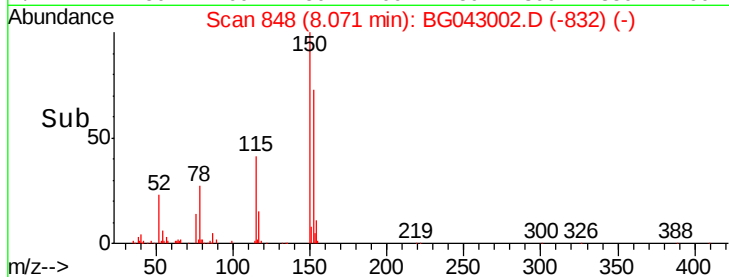
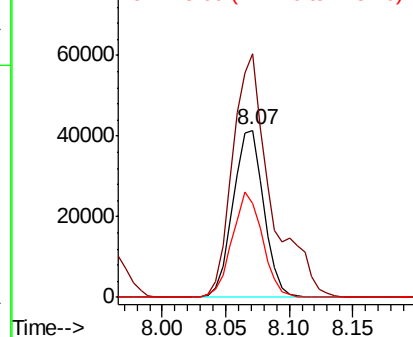


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

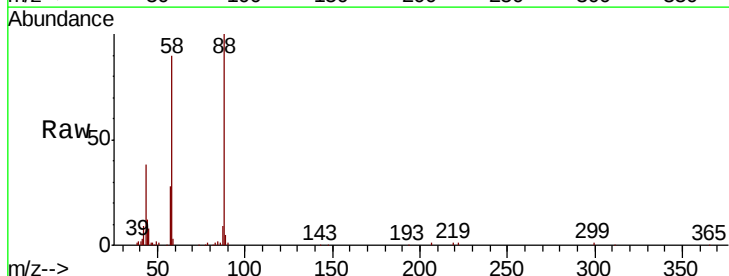
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.162 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	74.3	111.5
43	36.0	29.8	44.8

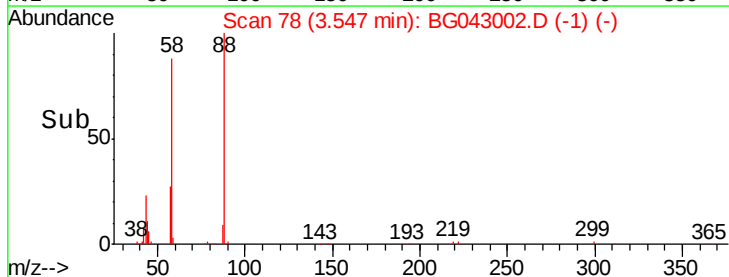
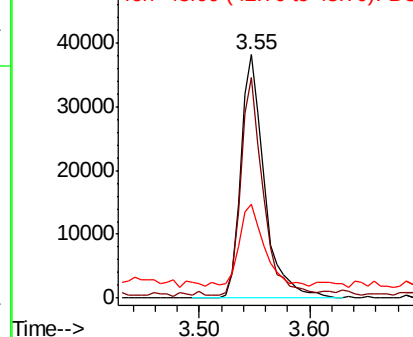


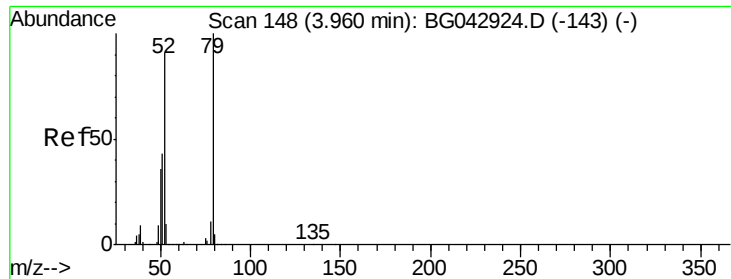
Abundance

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: 31.099 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

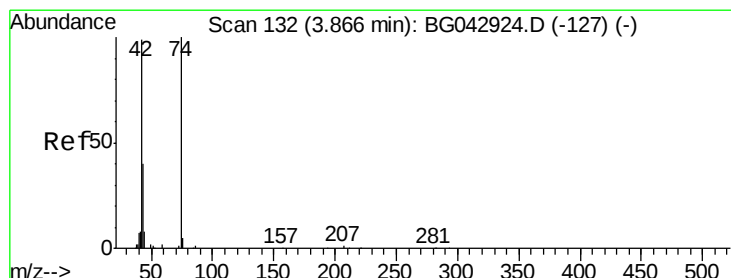
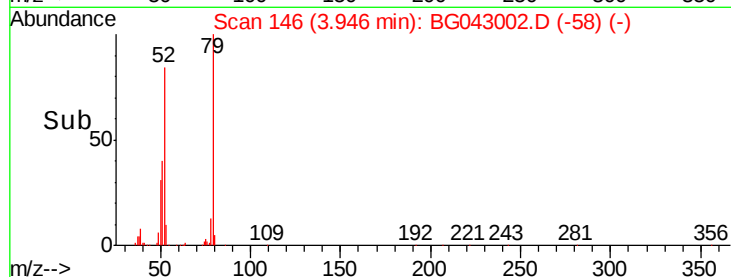
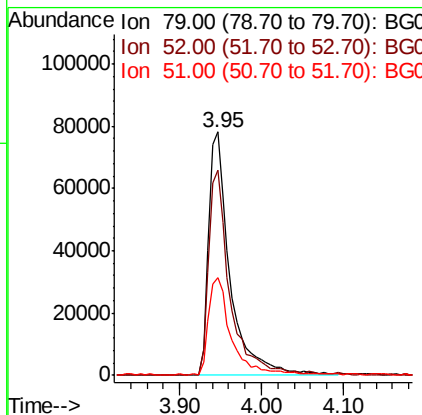
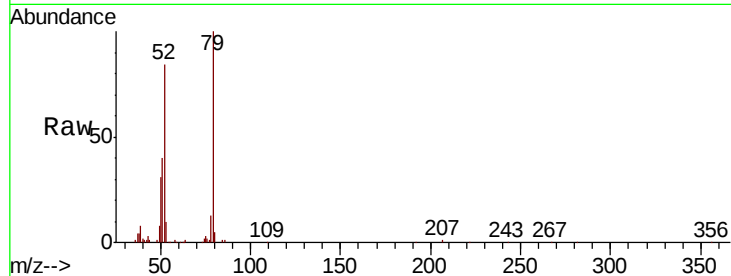
ClientSampleId :

PB123570BS

Tot Ion:	79	Resp:	141893
Ion Ratio	Lower	Upper	
79	100		
52	84.4	73.0	109.4
51	39.9	35.1	52.7

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM



#4

n-Nitrosodimethylamine

Concen: 40.484 ng

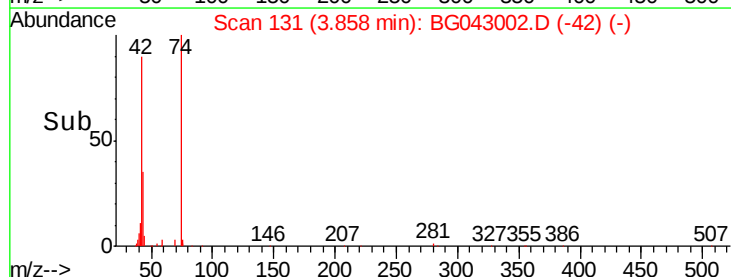
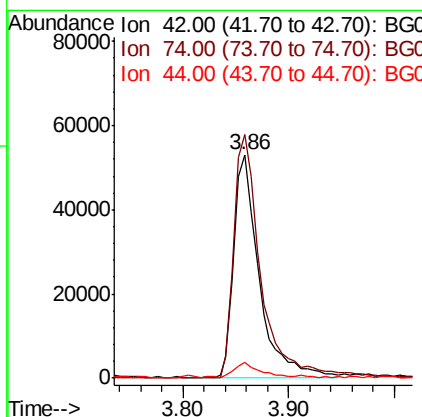
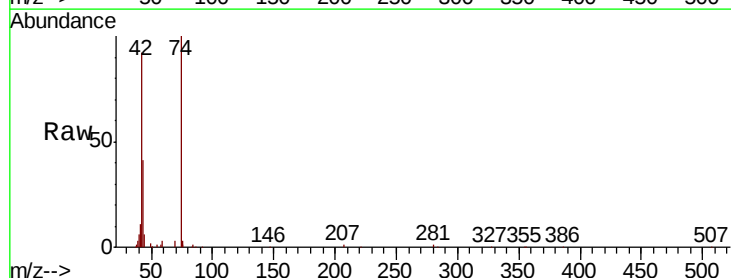
RT: 3.86 min Scan# 131

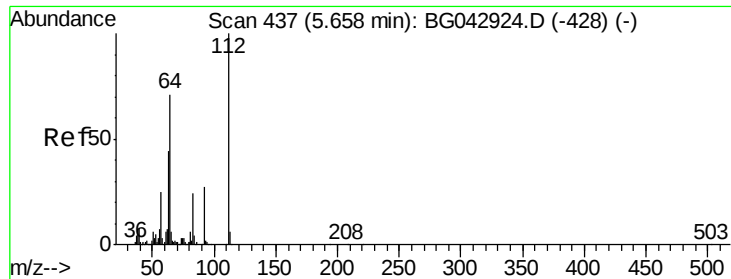
Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Tgt Ion:	42	Resp:	88825
Ion Ratio	Lower	Upper	
42	100		
74	109.0	80.5	120.7
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 118.029 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

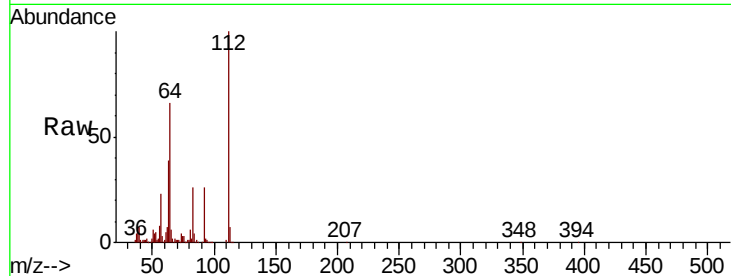
ClientSampleId :

PB123570BS

Tot Ion:	112	Resp:	459225
Ion Ratio	Lower	Upper	
112	100		
64	66.0	56.6	84.8
63	38.5	35.1	52.7

Manual Integrations
APPROVED

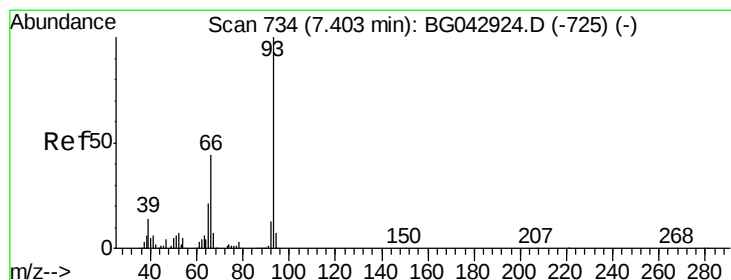
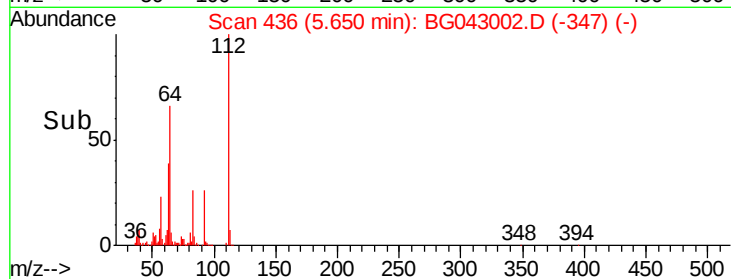
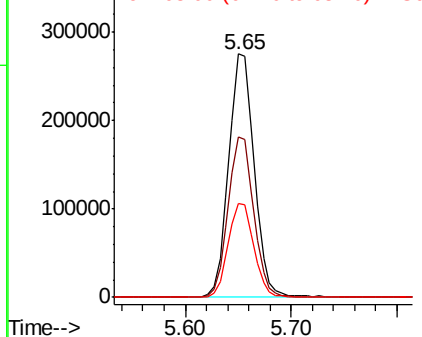
mohammad
10/4/2019 8:18:13 AM



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.539 ng

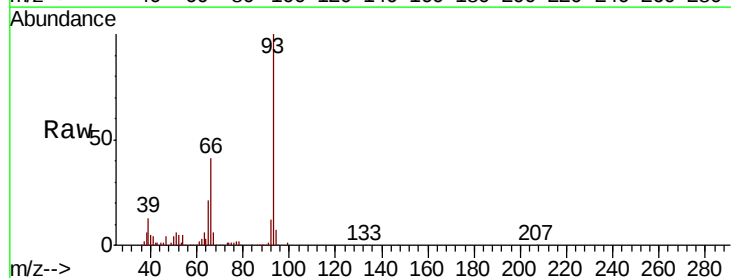
RT: 7.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

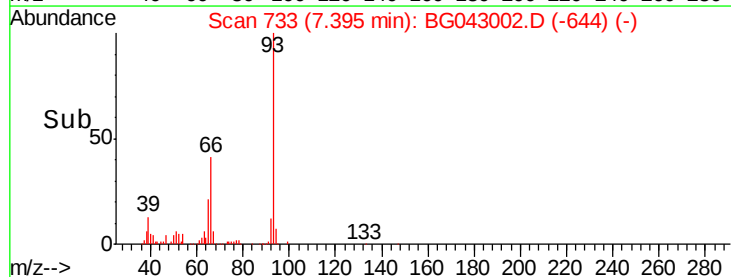
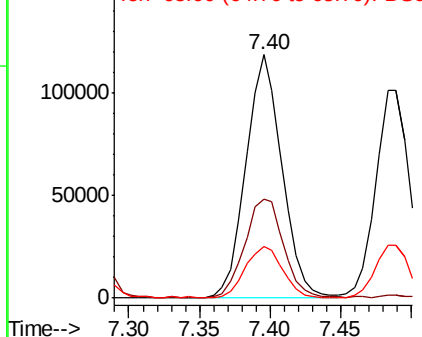
Tgt Ion:	93	Resp:	213313
Ion Ratio	Lower	Upper	
93	100		
66	40.9	35.0	52.6
65	21.3	17.4	26.0

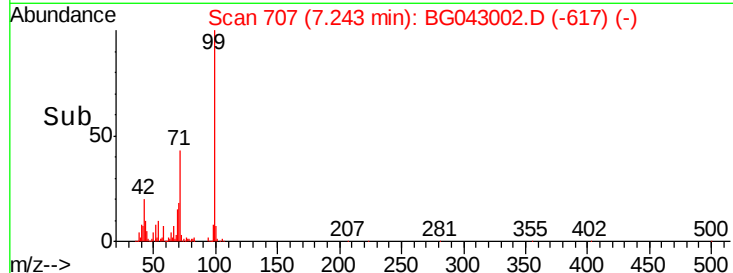
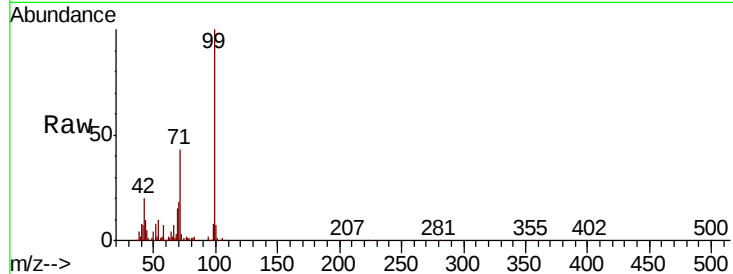
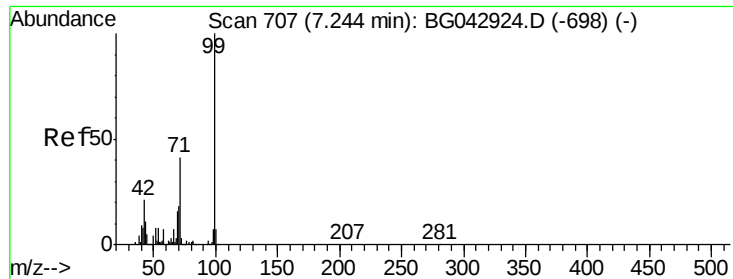


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.159 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Tot Ion:	99	Resp:	617218
Ion Ratio	Lower	Upper	
99	100		
42	20.3	17.2	25.8
71	42.5	33.1	49.7

Instrument :

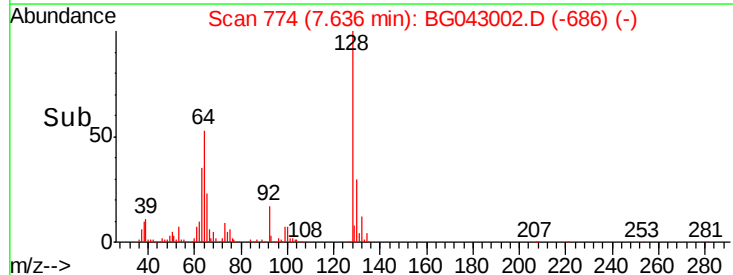
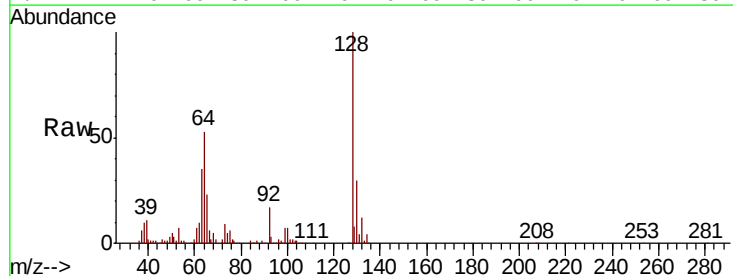
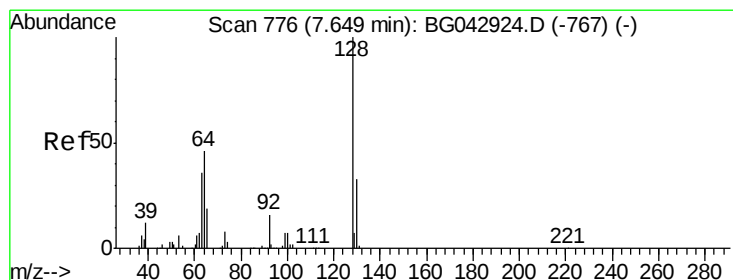
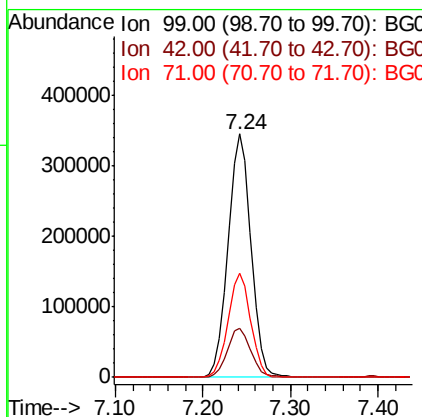
BNA_G

ClientSampleId :

PB123570BS

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM



#8

2-Chlorophenol

Concen: 47.856 ng

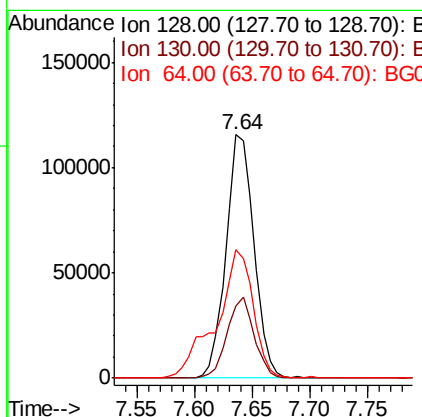
RT: 7.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Tgt Ion:	128	Resp:	194182
Ion Ratio	Lower	Upper	
128	100		
130	29.6	12.5	52.5
64	52.8	32.8	72.8





#9

Benzaldehyde

Concen: 29.510 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

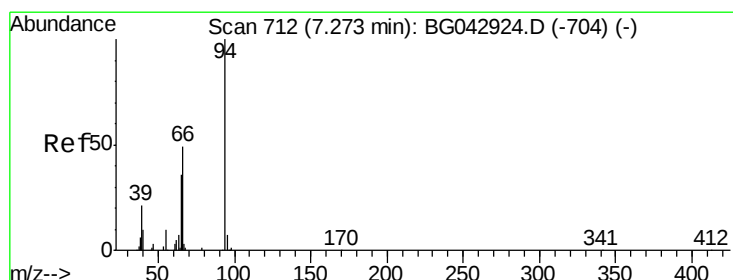
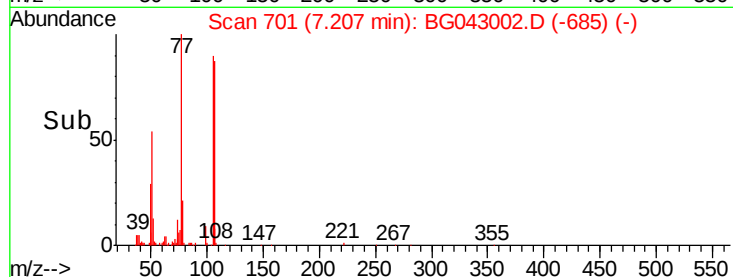
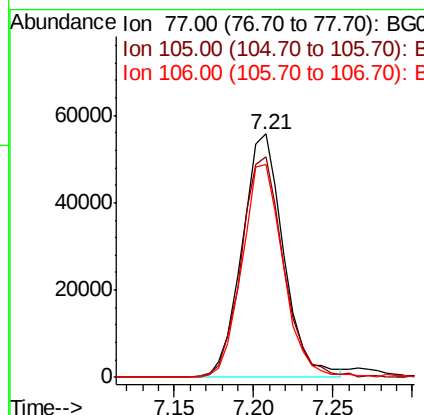
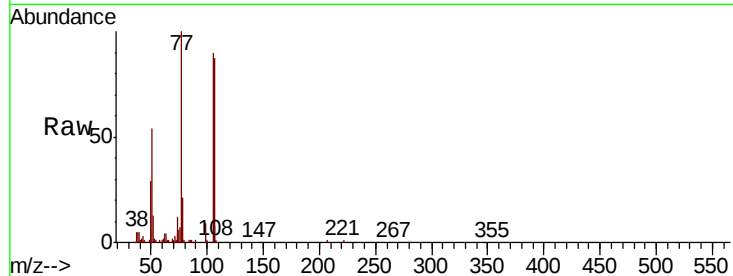
ClientSampleId :

PB123570BS

Tot Ion:	77	Resp:	101036
Ion Ratio	Lower	Upper	
77	100		
105	90.4	64.6	104.6
106	87.3	59.4	99.4

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM



#10

Phenol

Concen: 46.777 ng

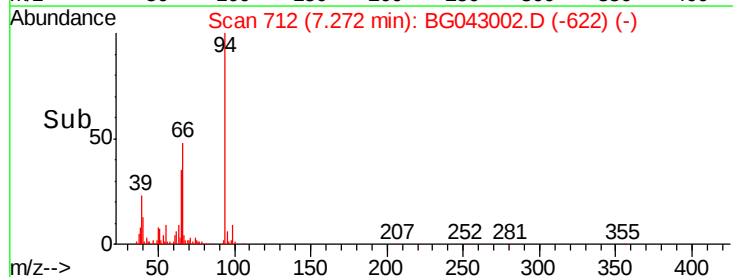
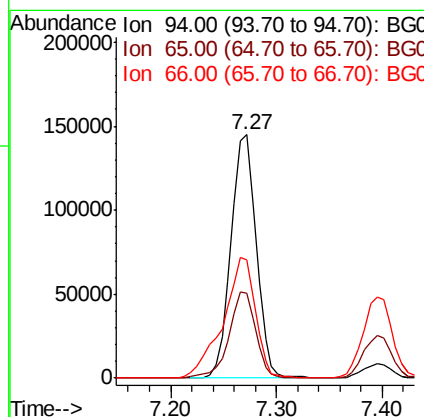
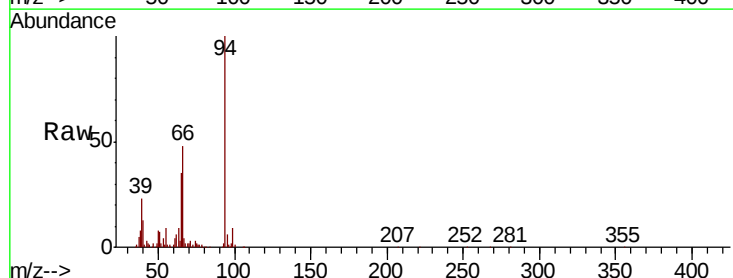
RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Tgt Ion:	94	Resp:	240460
Ion Ratio	Lower	Upper	
94	100		
65	34.8	16.6	56.6
66	48.4	32.4	72.4





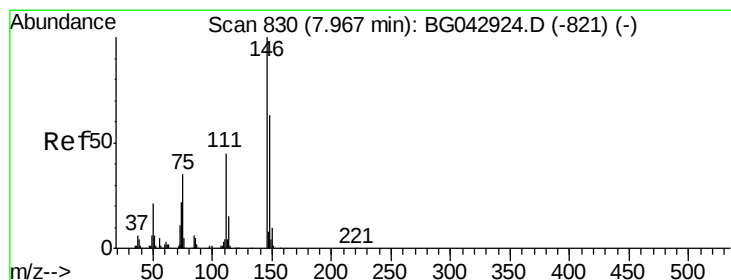
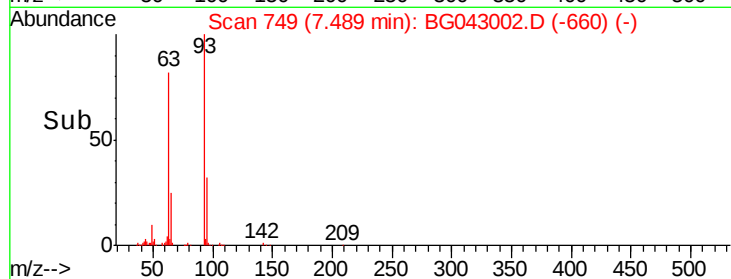
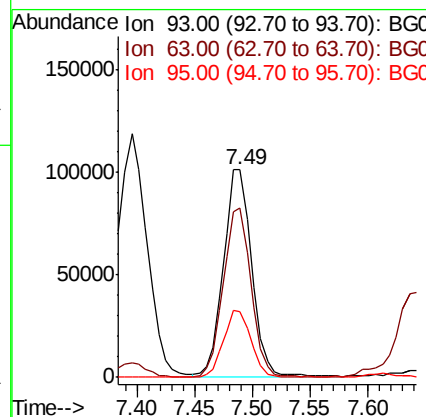
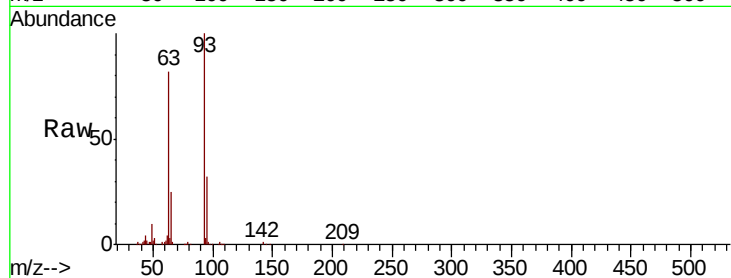
#11
bis(2-Chloroethyl)ether
Concen: 43.558 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.6	67.4	107.4
95	31.9	11.9	51.9

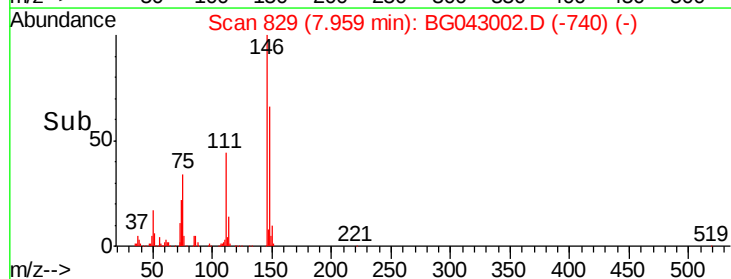
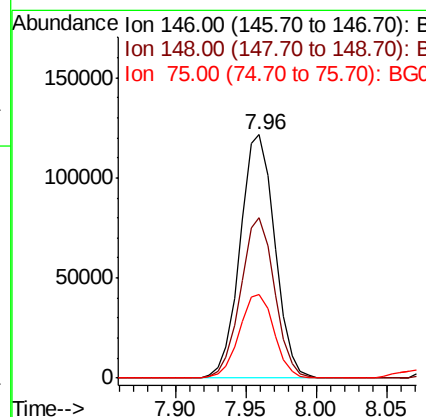
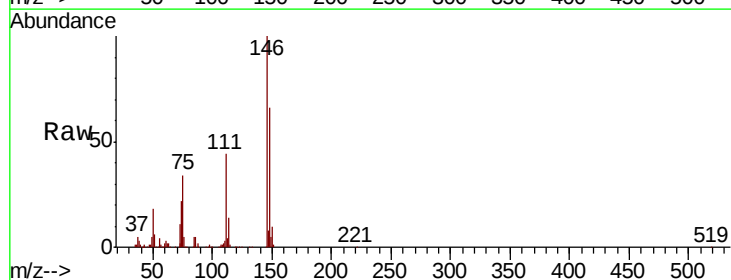
Manual Integrations
APPROVED

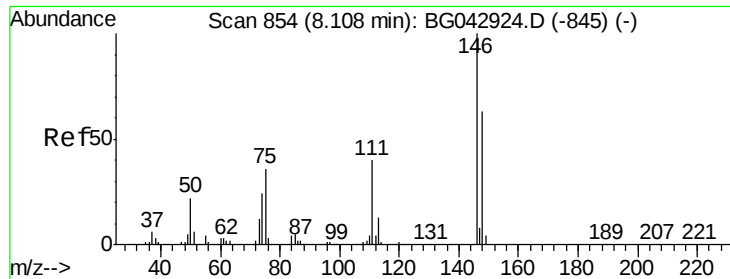
mohammad
10/4/2019 8:18:13 AM



#12
1,3-Dichlorobenzene
Concen: 40.392 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.7	76.1
75	34.3	27.7	41.5





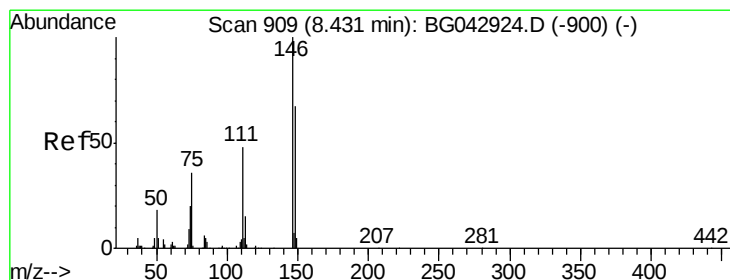
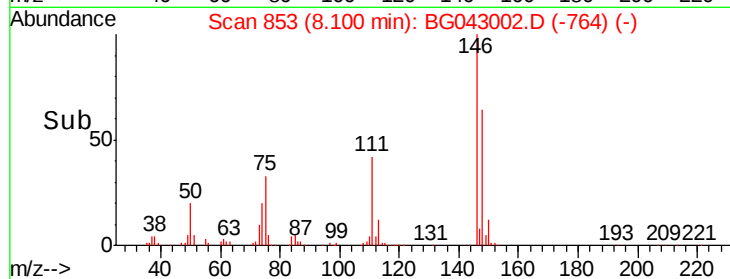
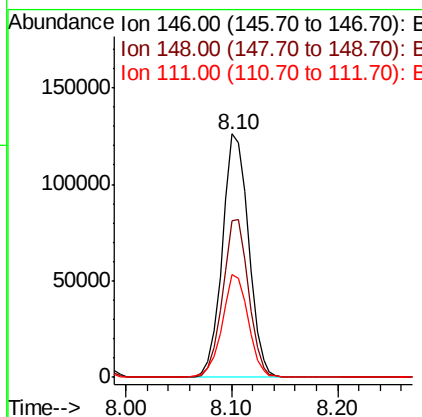
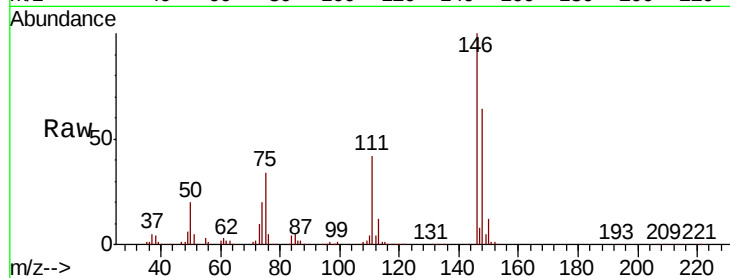
#13
 1,4-Dichlorobenzene
 Concen: 42.170 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.9	76.3
111	42.2	31.8	47.8

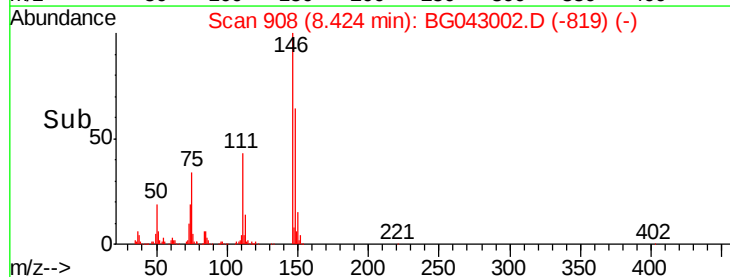
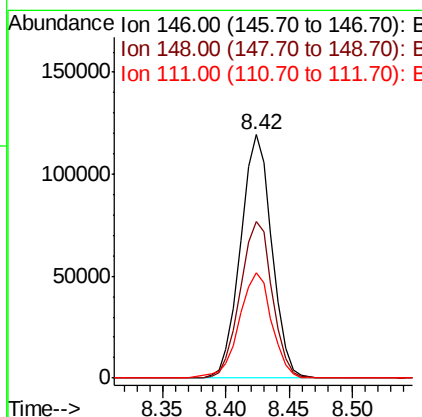
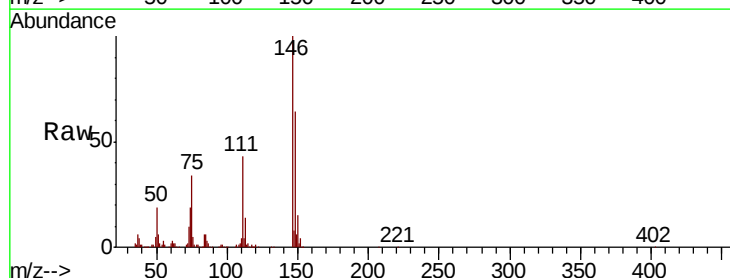
Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:13 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.570 ng
 RT: 8.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.2
111	43.5	38.5	57.7





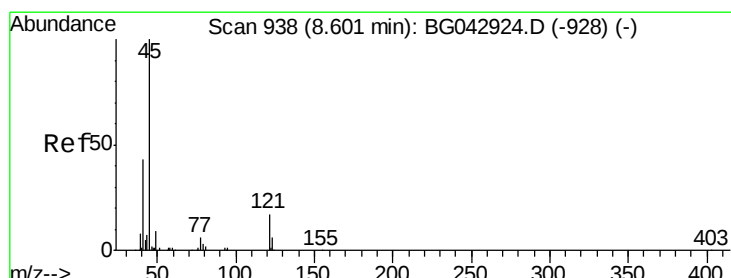
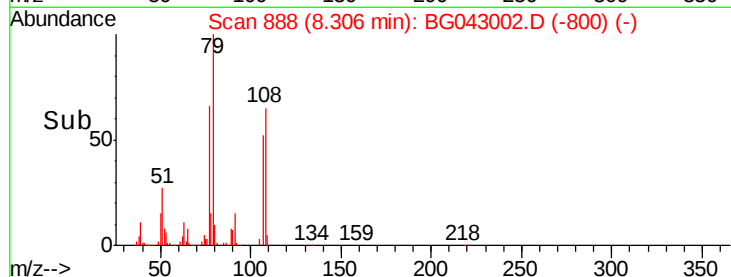
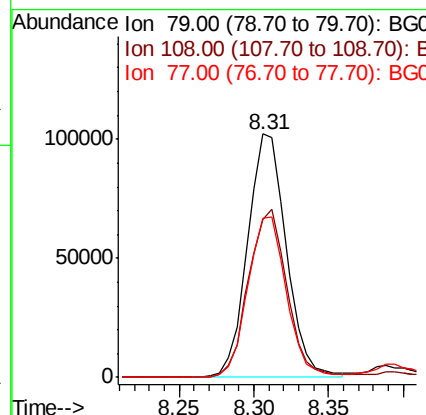
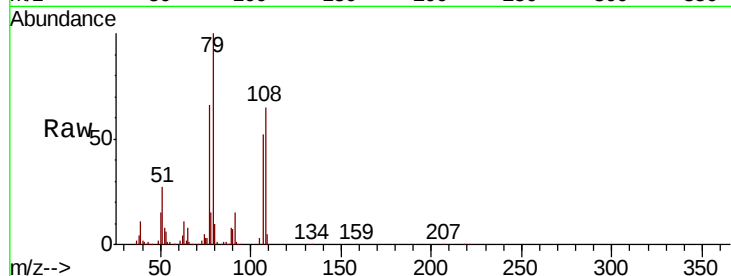
#15
Benzyl Alcohol
Concen: 43.458 ng
RT: 8.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.7	55.7	83.5
77	65.6	53.3	79.9

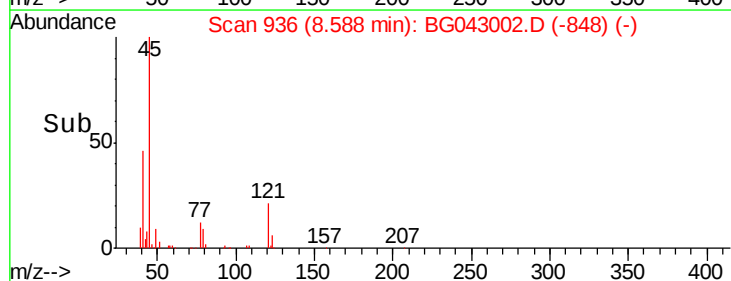
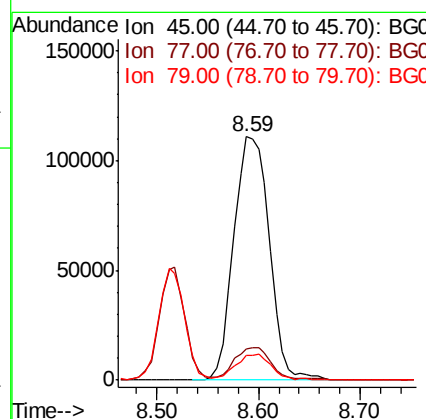
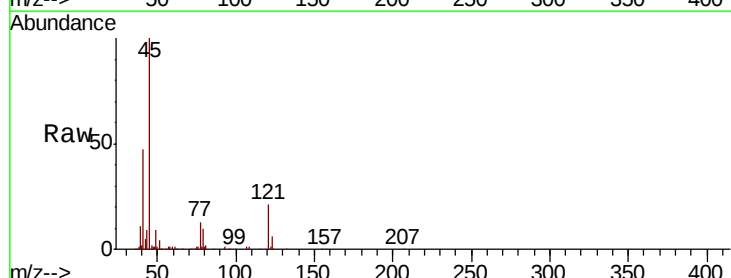
Manual Integrations
APPROVED

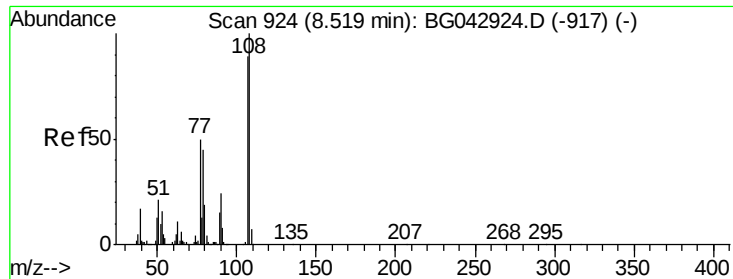
mohammad
10/4/2019 8:18:13 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.272 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	32.8
79	9.9	0.0	29.4





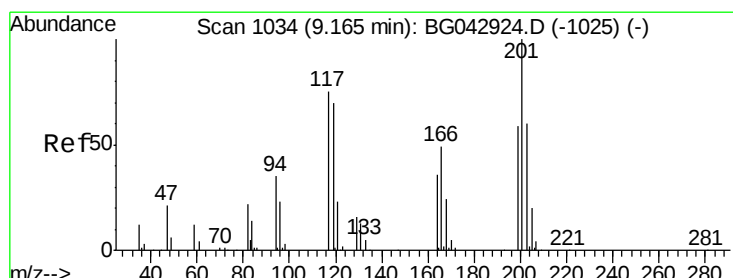
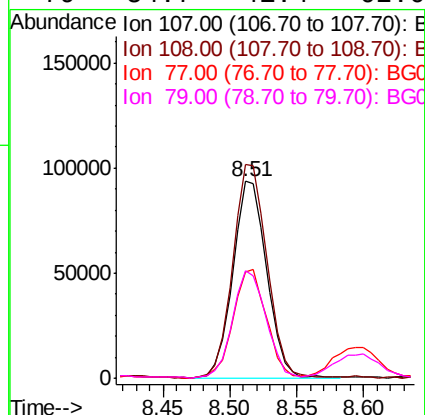
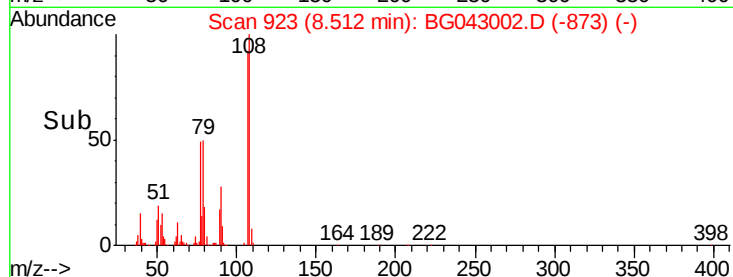
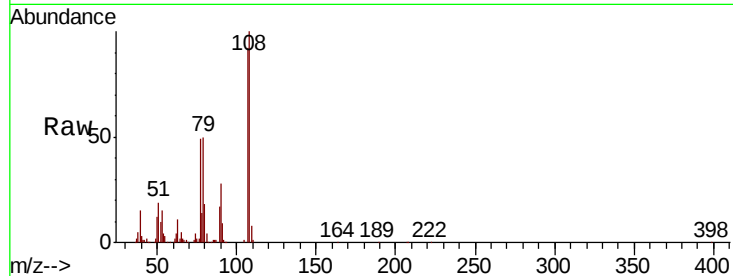
#17
2-Methylphenol
Concen: 45.839 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	89.9	134.9	
77	53.7	45.4	68.2	
79	54.7	41.4	62.0	

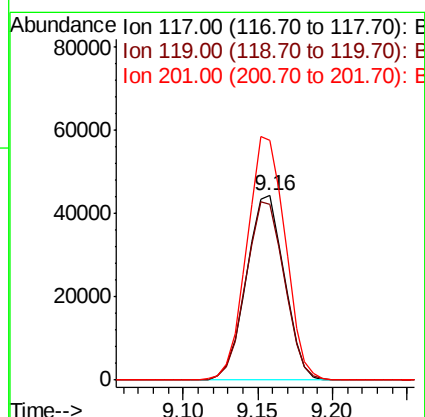
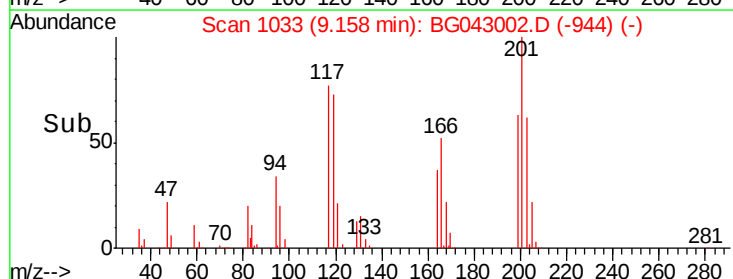
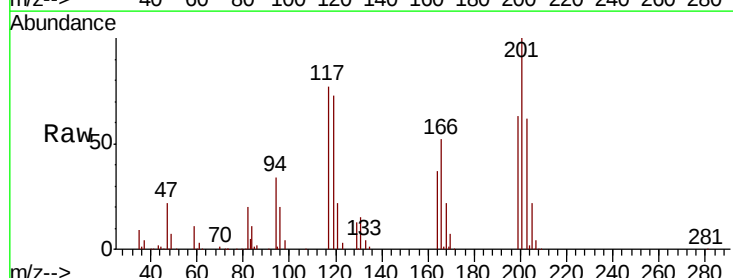
Manual Integrations
APPROVED

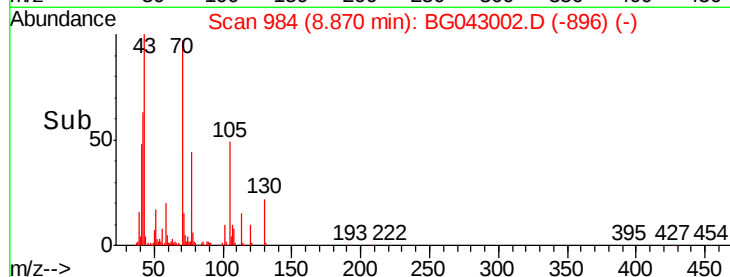
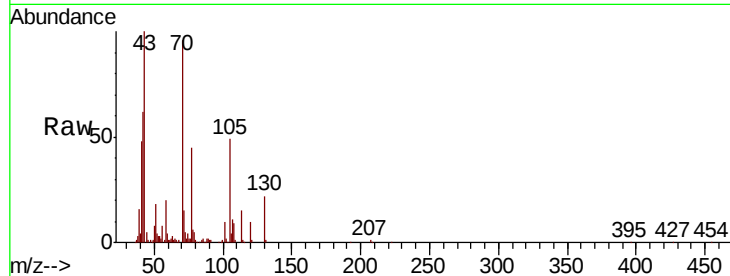
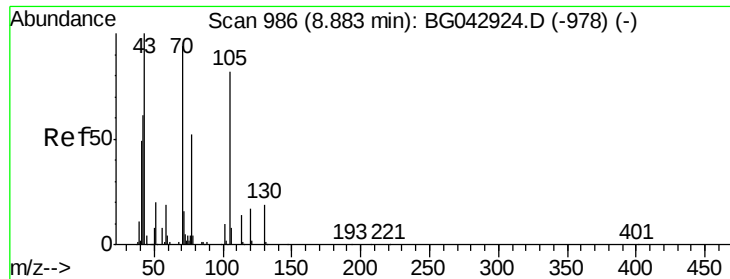
mohammad
10/4/2019 8:18:13 AM



#18
Hexachloroethane
Concen: 40.050 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	74.6	111.8	
201	129.9	106.0	159.0	





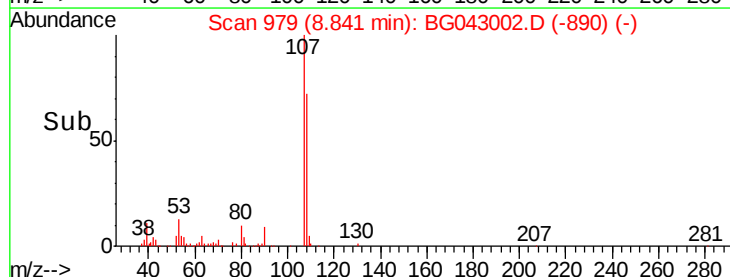
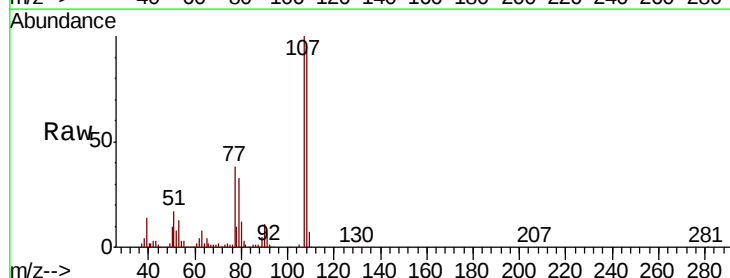
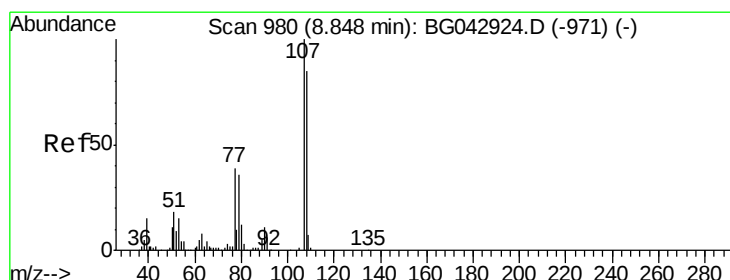
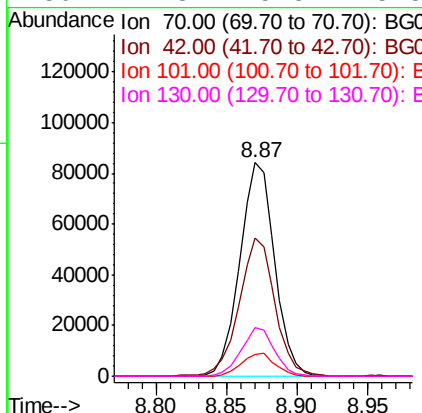
#19
n-Nitroso-di-n-propylamine
Concen: 39.360 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.6	52.6	79.0	
101	10.1	8.7	13.1	
130	22.8	15.8	23.8	

Instrument :
BNA_G
ClientSampleId :
PB123570BS

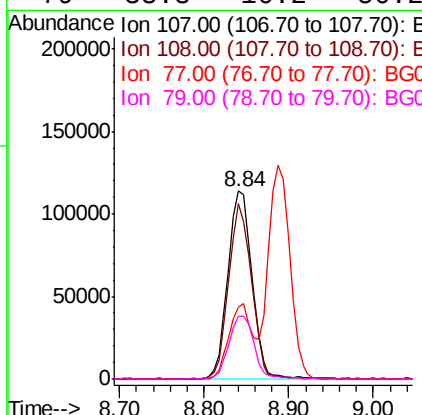
Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM



#20
3+4-Methylphenols
Concen: 45.429 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.3	64.9	104.9	
77	37.9	19.4	59.4	
79	33.3	16.2	56.2	





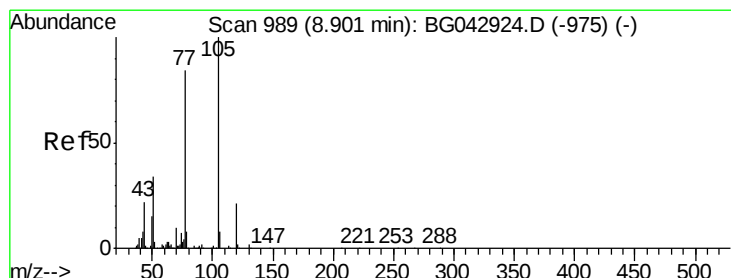
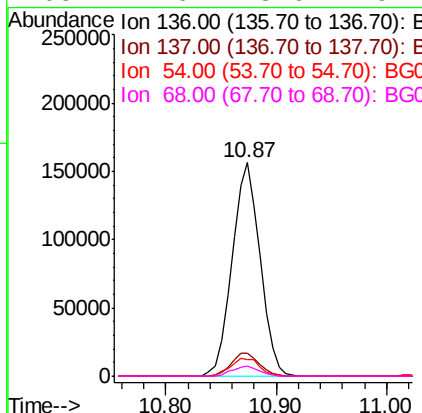
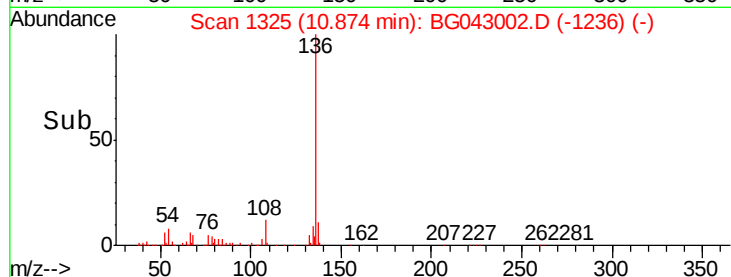
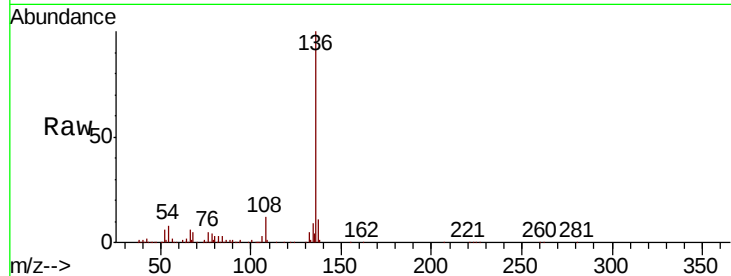
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	277292		
137	10.5		8.5	12.7
54	8.1		7.4	11.2
68	4.6		3.6	5.4

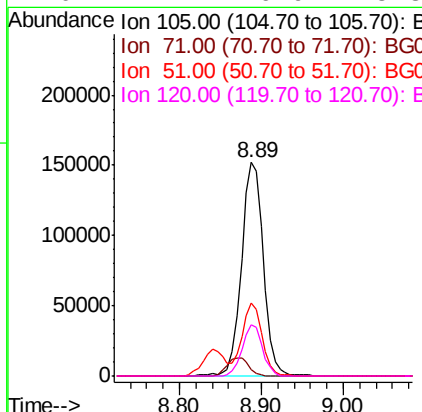
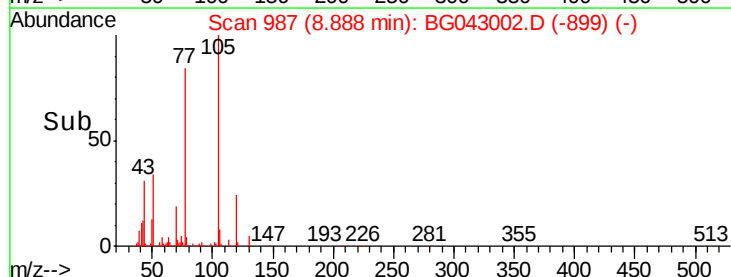
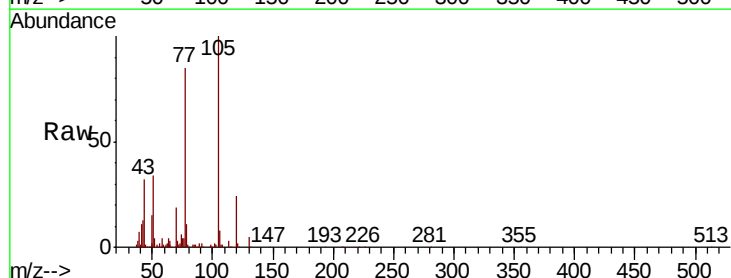
Manual Integrations
APPROVED

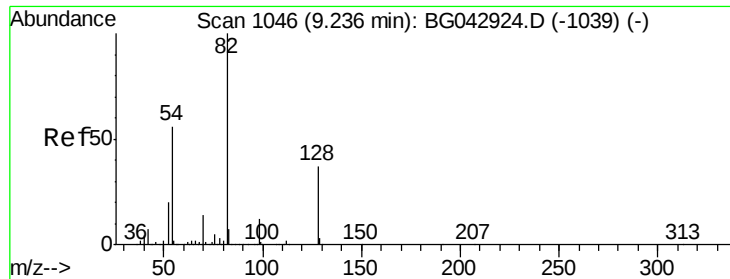
mohammad
10/4/2019 8:18:13 AM



#22
Acetophenone
Concen: 39.411 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	281700		
71	3.2		1.2	1.8#
51	34.4		27.2	40.8
120	24.2		16.9	25.3





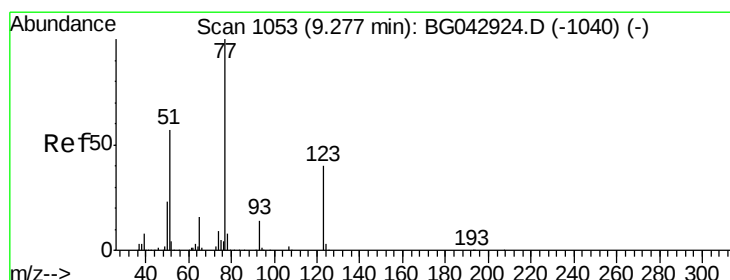
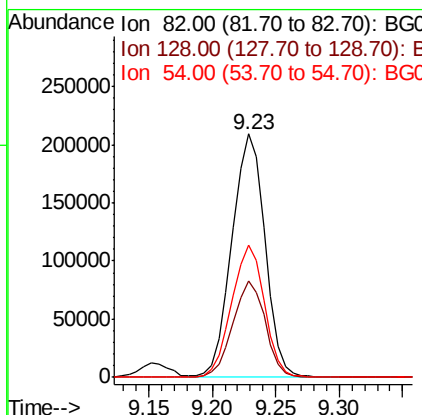
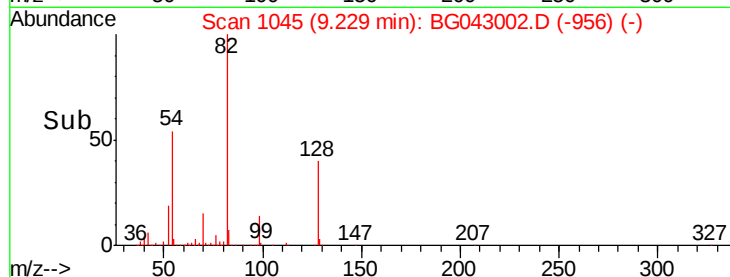
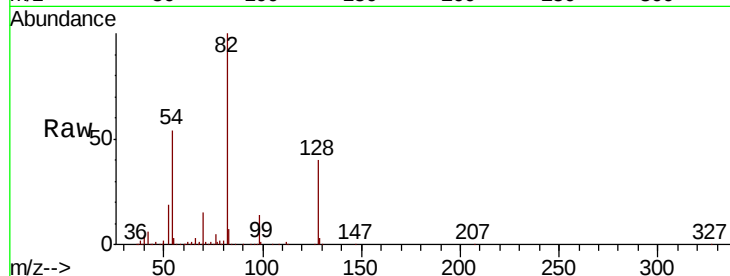
#23
 Nitrobenzene-d5
 Concen: 66.111 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleID :
 PB123570BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.6	29.5	44.3	
54	54.3	44.6	67.0	

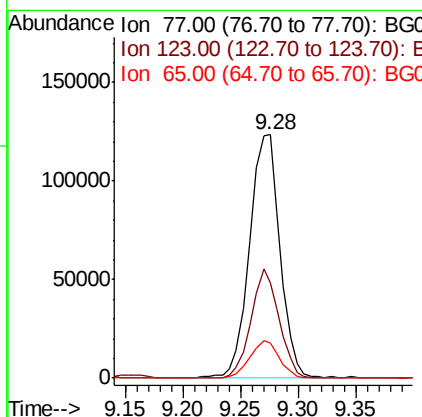
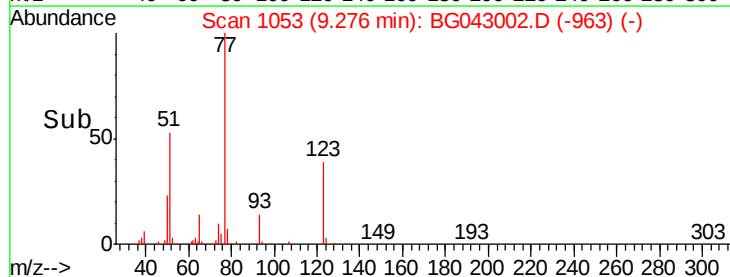
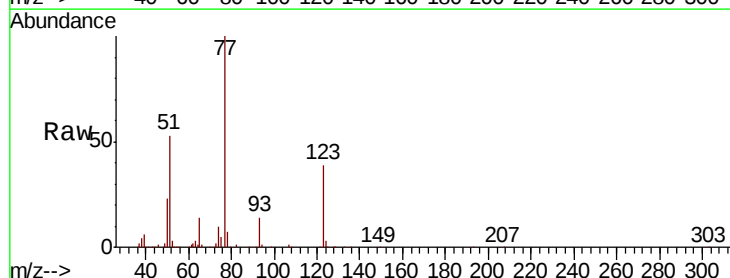
Manual Integrations
 APPROVED

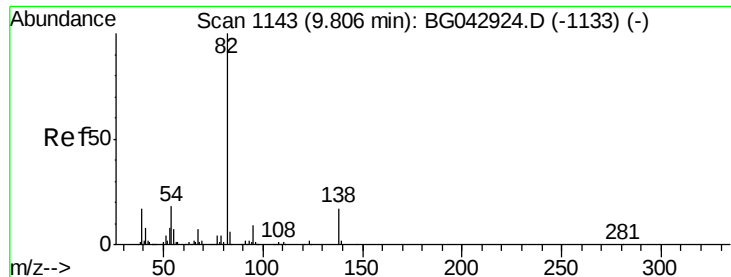
mohammad
 10/4/2019 8:18:13 AM



#24
 Nitrobenzene
 Concen: 41.848 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.3	31.9	47.9	
65	14.2	12.4	18.6	





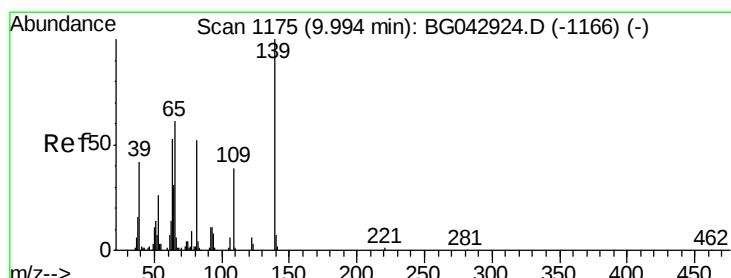
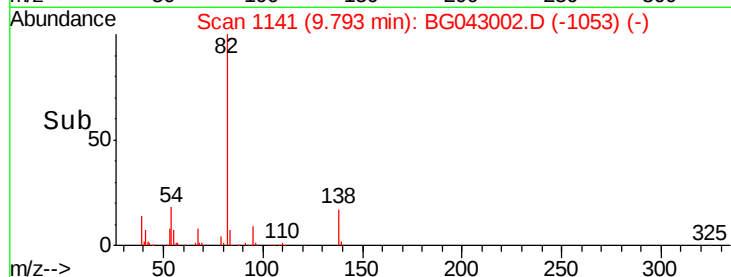
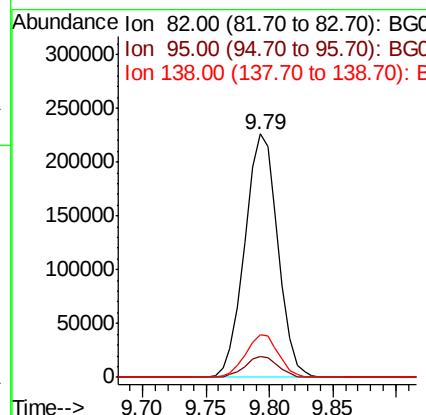
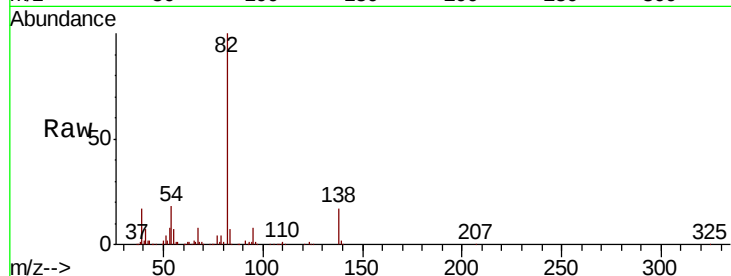
#25
Isophorone
Concen: 40.827 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.5	7.0	10.4	
138	17.3	13.8	20.6	

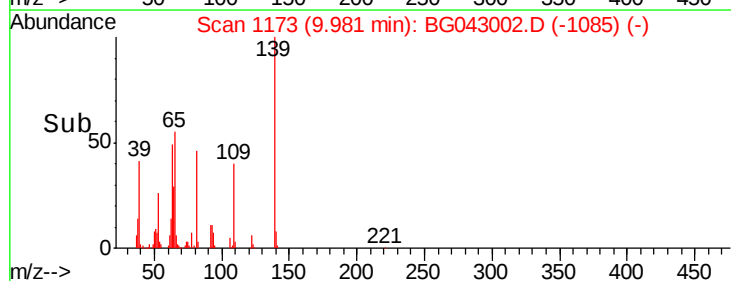
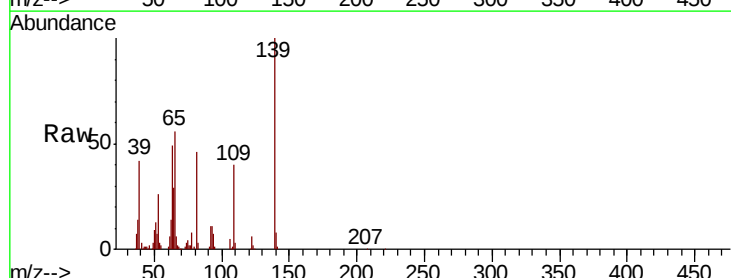
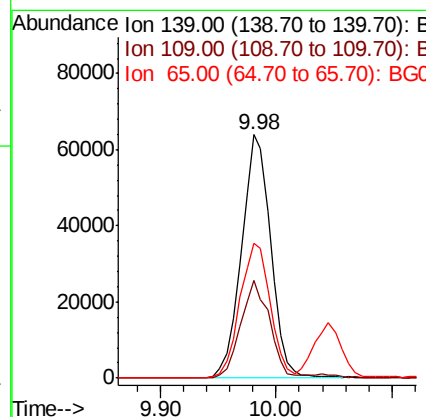
Manual Integrations
APPROVED

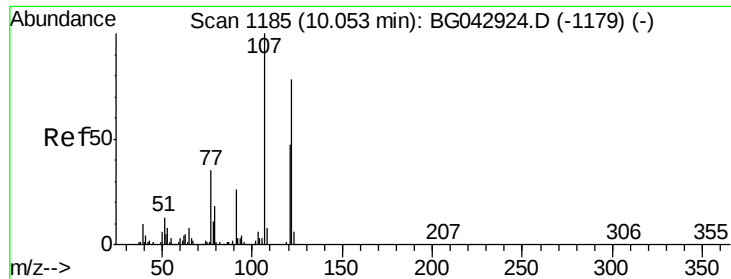
mohammad
10/4/2019 8:18:13 AM



#26
2-Nitrophenol
Concen: 48.310 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	40.0	31.0	46.6	
65	55.6	48.4	72.6	





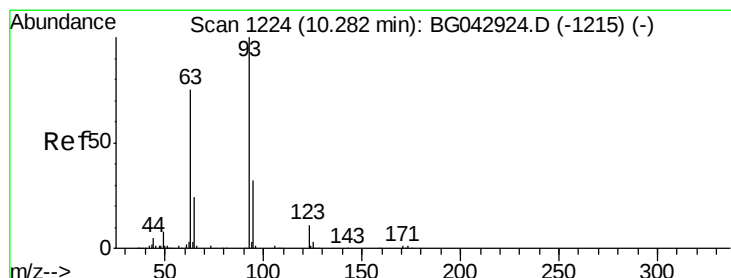
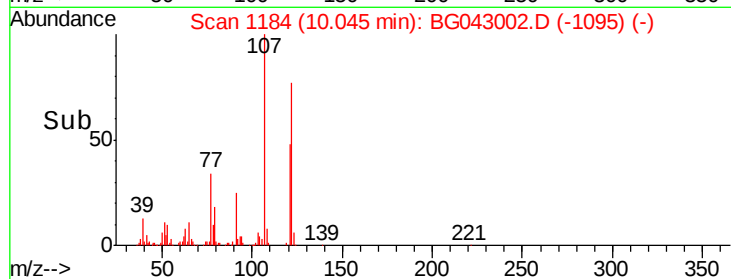
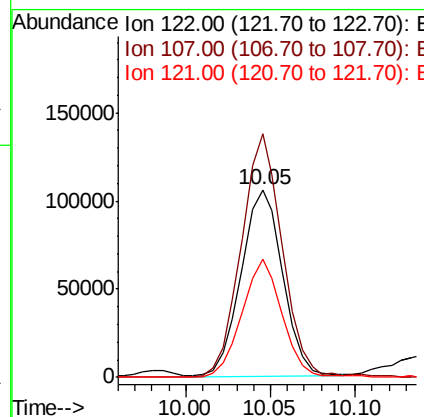
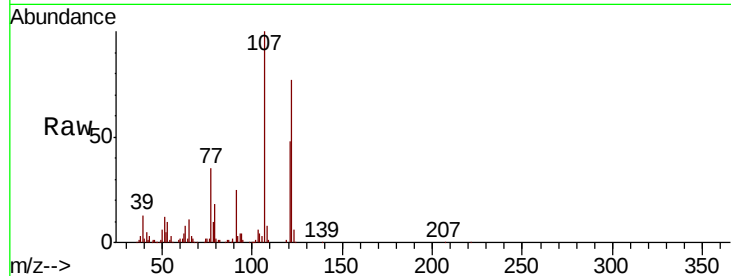
#27
2,4-Dimethylphenol
Concen: 51.029 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	181539		
107	129.7	102.2	153.2	
121	62.7	48.5	72.7	

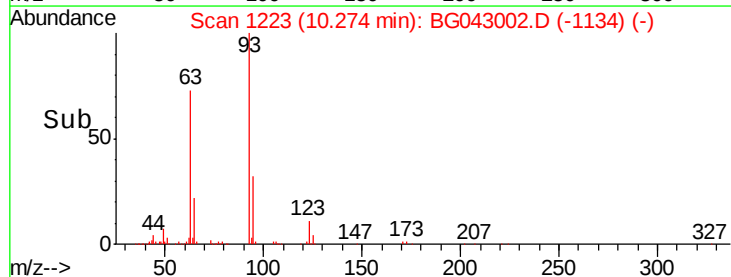
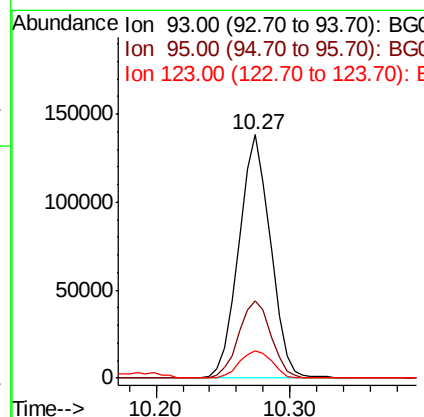
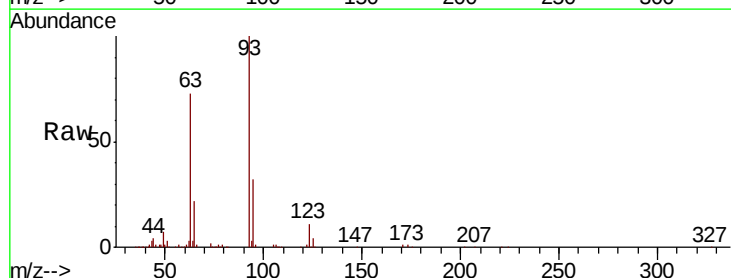
Manual Integrations
APPROVED

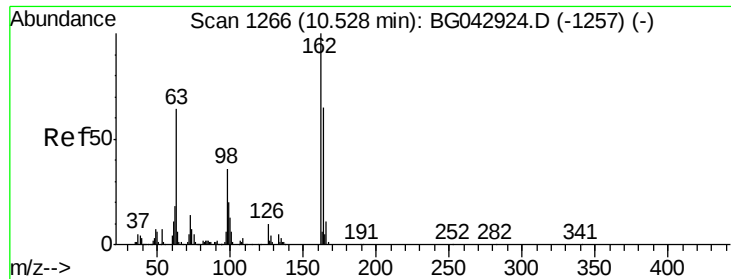
mohammad
10/4/2019 8:18:13 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.932 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	227036		
95	31.9	25.4	38.0	
123	11.0	9.3	13.9	





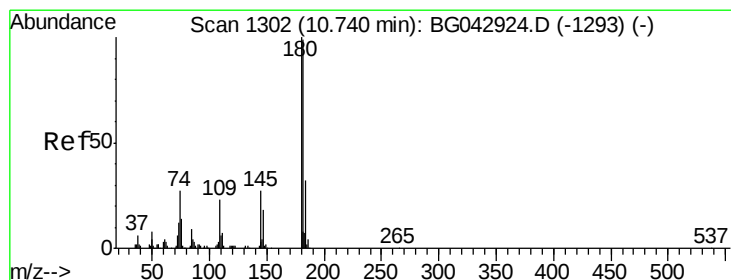
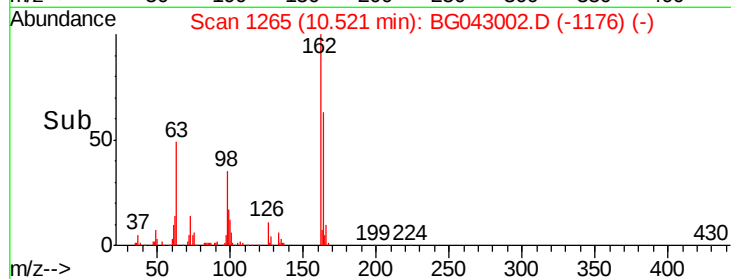
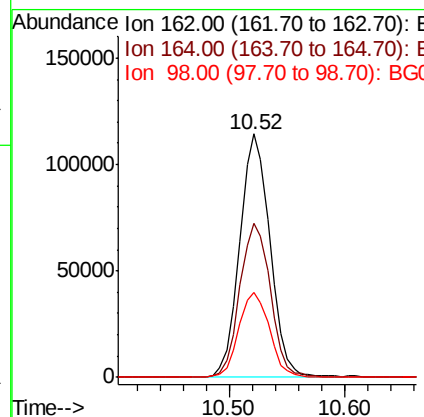
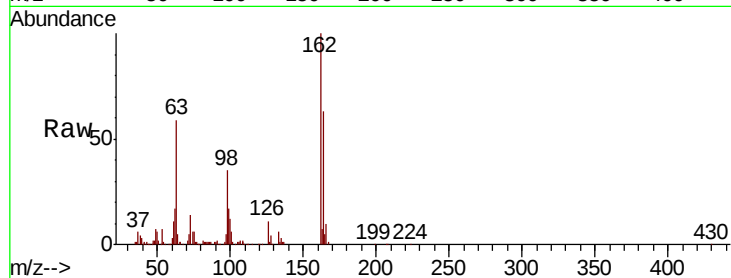
#29
 2,4-Dichlorophenol
 Concen: 46.901 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.4	44.7	84.7
98	35.1	16.0	56.0

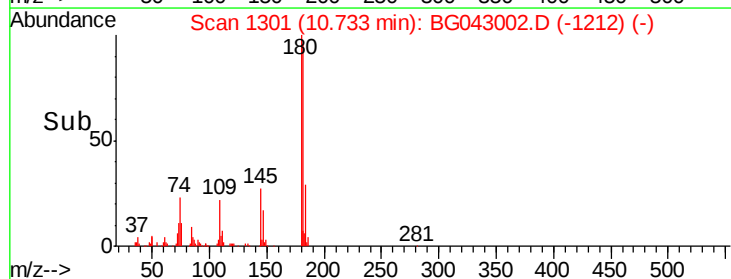
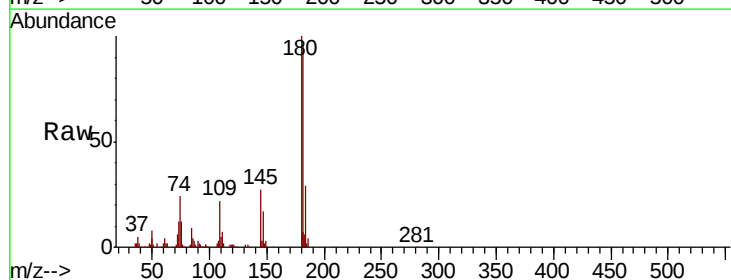
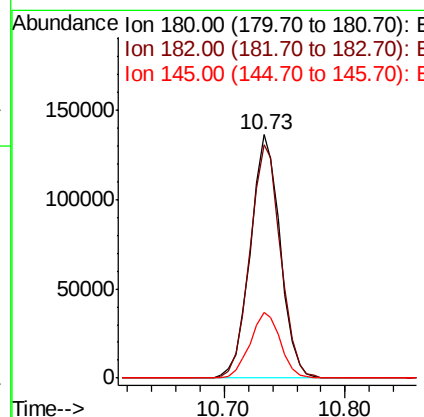
Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:13 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.841 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	79.3	118.9
145	27.2	22.0	33.0





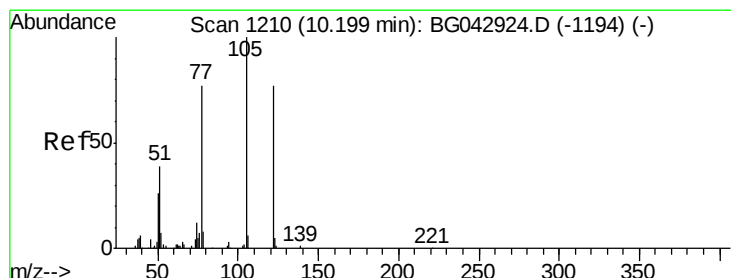
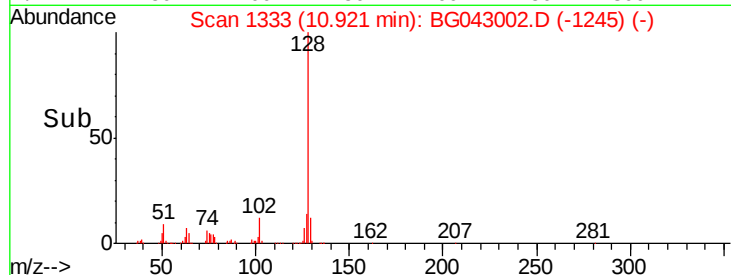
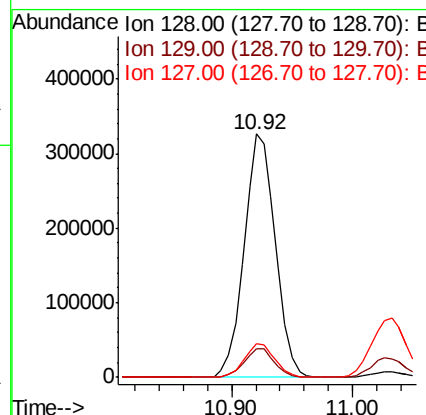
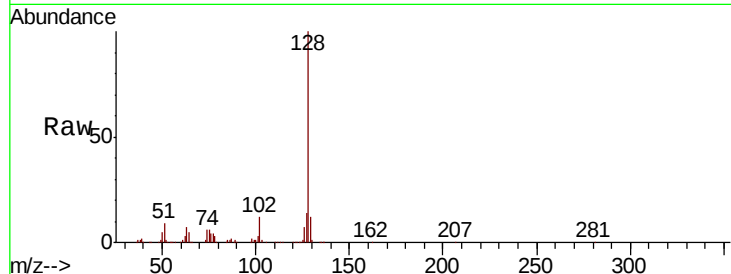
#31
Naphthalene
Concen: 42.804 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.0	11.3	16.9

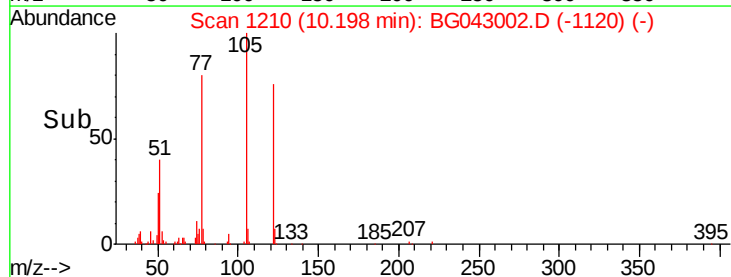
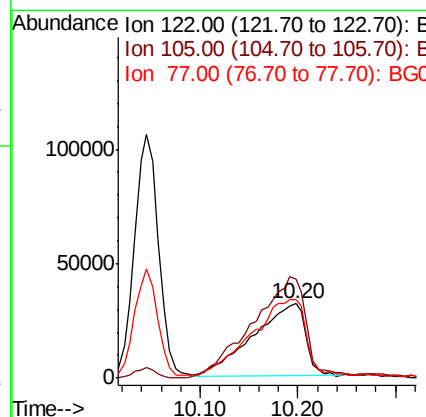
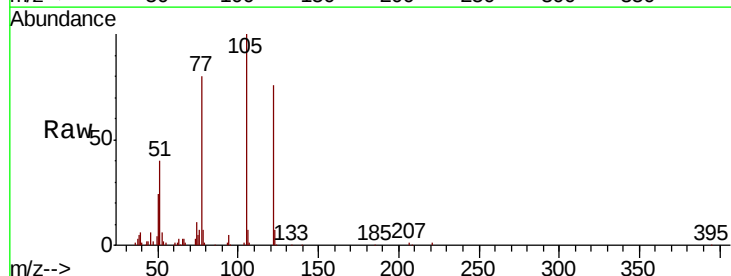
Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM



#32
Benzoic acid
Concen: 43.311 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.3	107.5	147.5
77	105.9	79.8	119.8





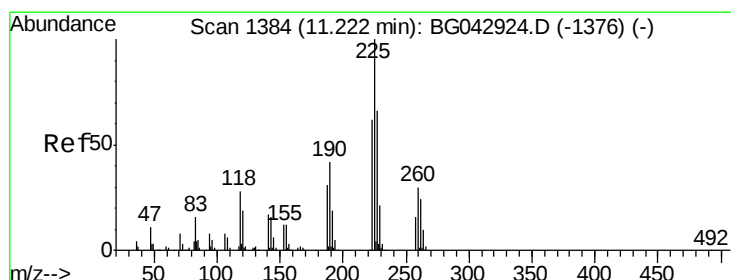
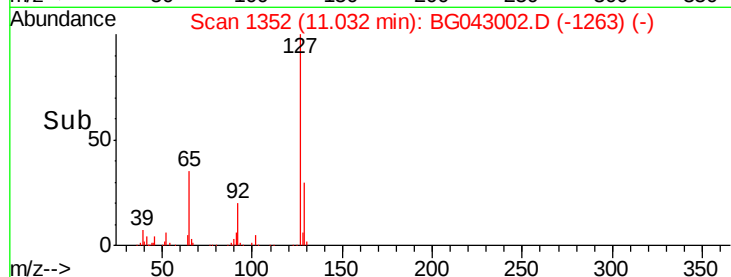
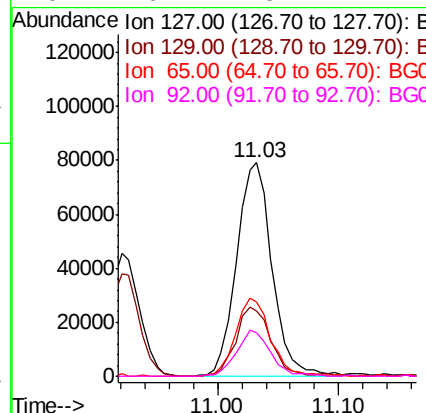
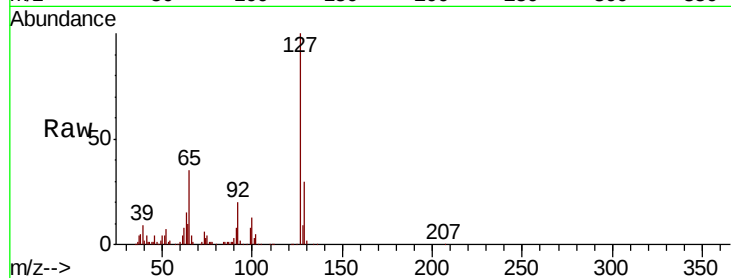
#33
4-Chloroaniline
Concen: 27.382 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.2	39.2
65	34.9	30.6	45.8
92	20.4	16.2	24.4

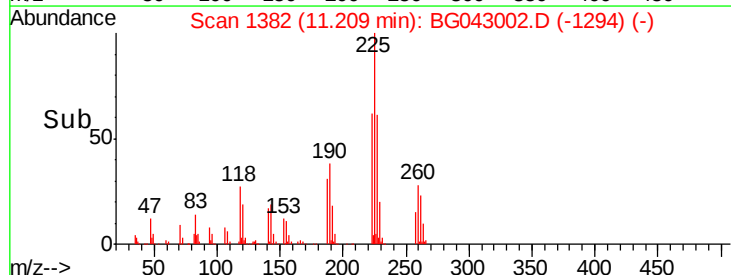
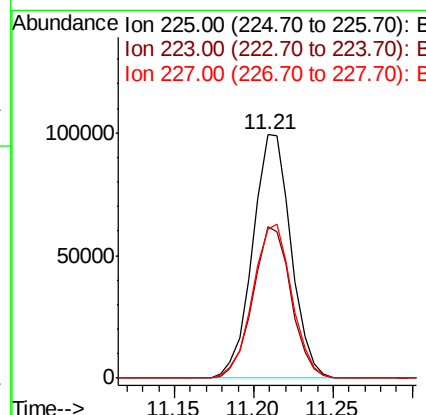
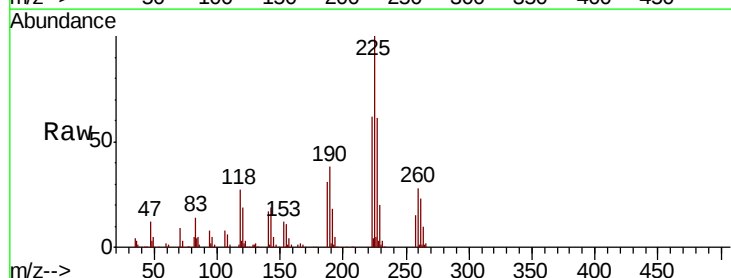
Manual Integrations
APPROVED

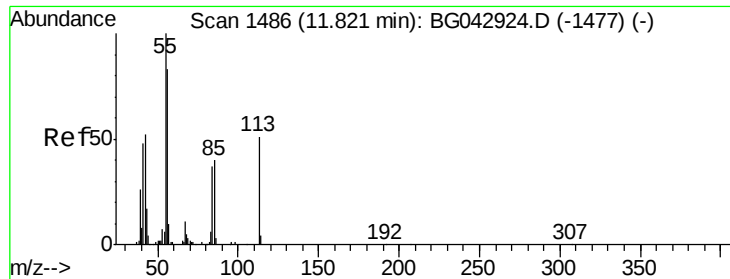
mohammad
10/4/2019 8:18:13 AM



#34
Hexachlorobutadiene
Concen: 39.041 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.3	73.9
227	61.3	52.8	79.2





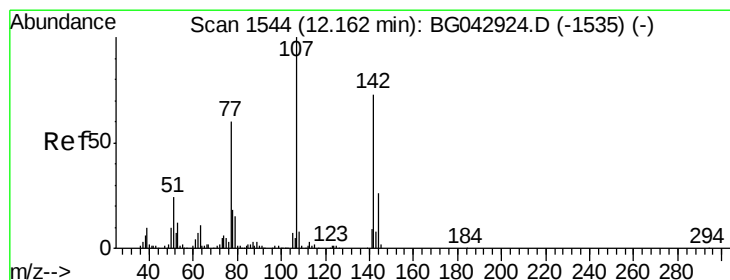
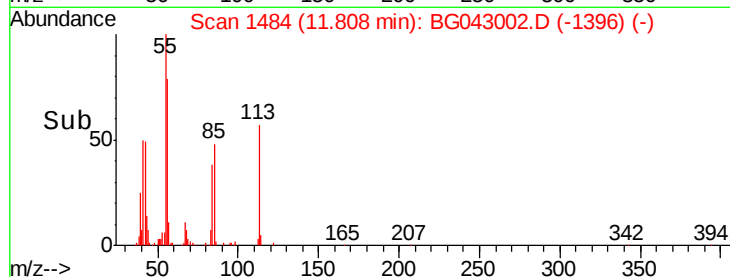
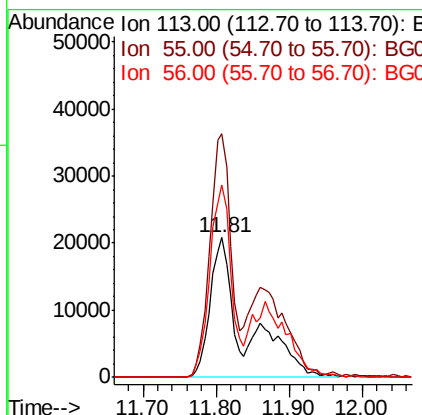
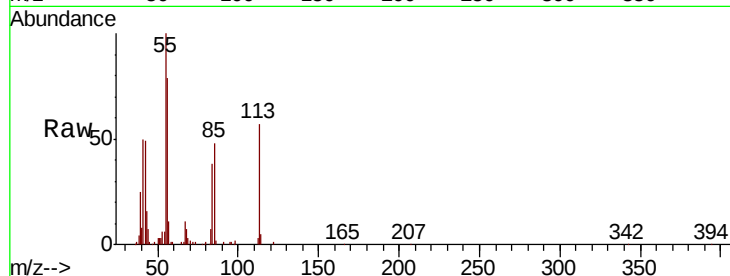
#35
 Caprolactam
 Concen: 43.131 ng/ml
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.5	175.5	215.5#
56	138.1	142.3	182.3#

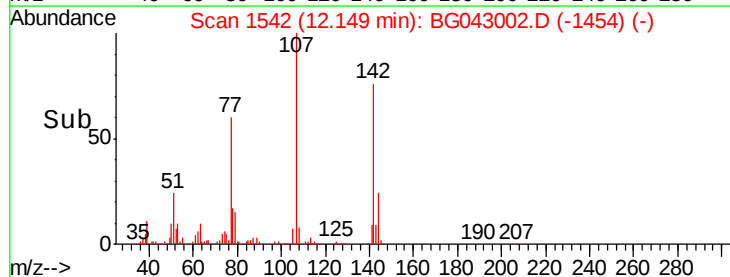
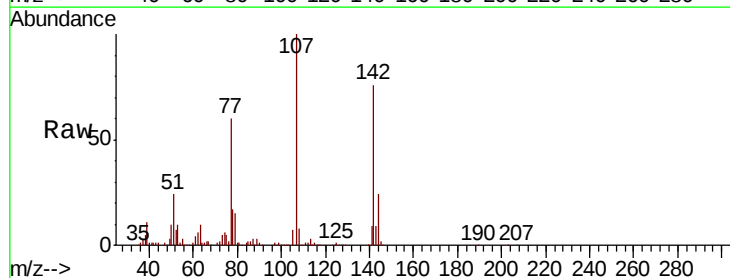
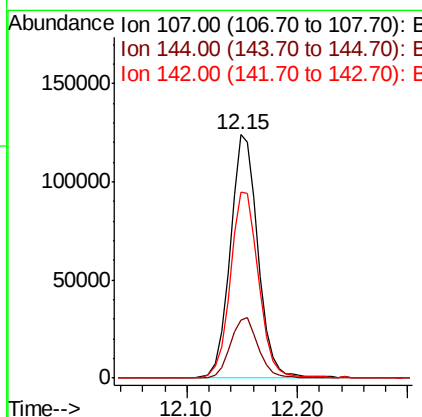
Manual Integrations
 APPROVED

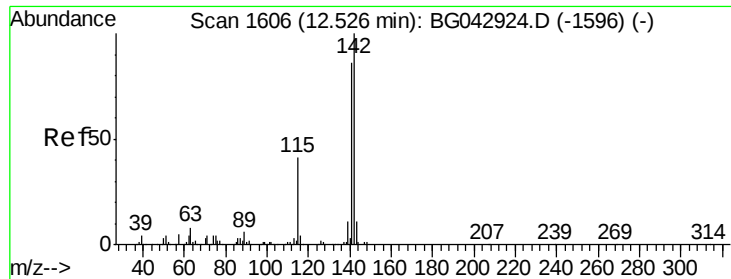
mohammad
 10/4/2019 8:18:13 AM



#36
 4-Chloro-3-methylphenol
 Concen: 45.394 ng/ml
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	20.7	31.1
142	76.2	58.6	87.8





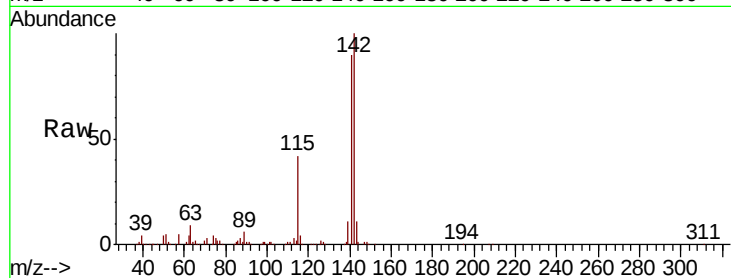
#37
2-Methylnaphthalene
Concen: 42.773 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.0	103.4
115	41.7	32.8	49.2

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM

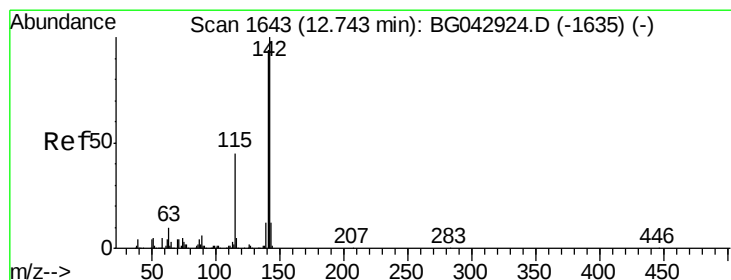
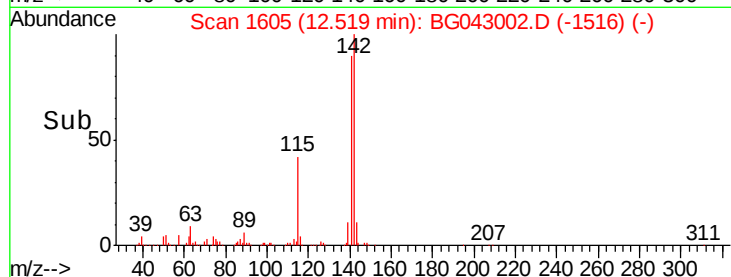
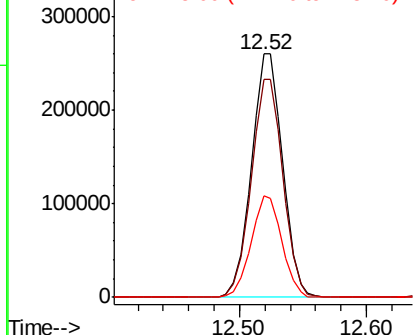


Abundance

Ion 142.00 (141.70 to 142.70): E

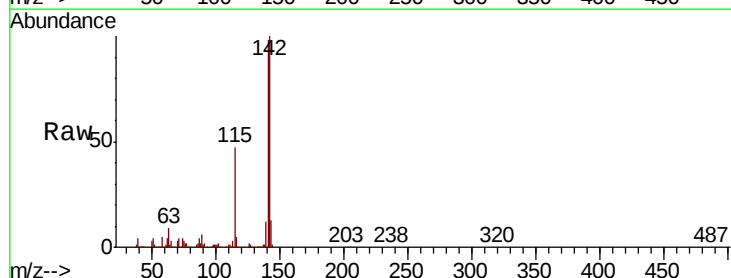
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.096 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.2	74.9	112.3
116	4.9	3.7	5.5

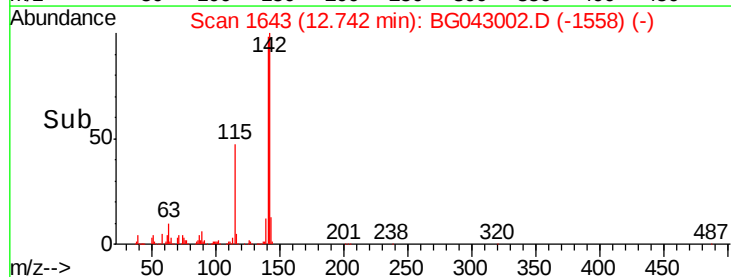
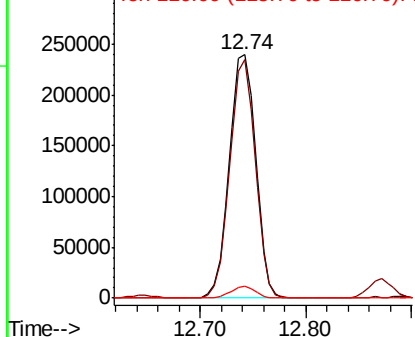


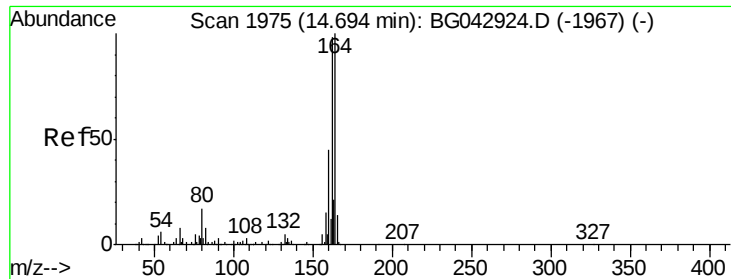
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





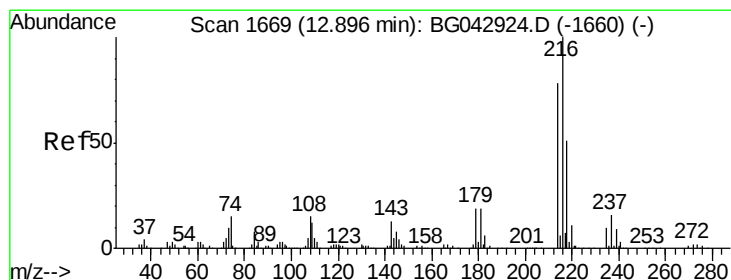
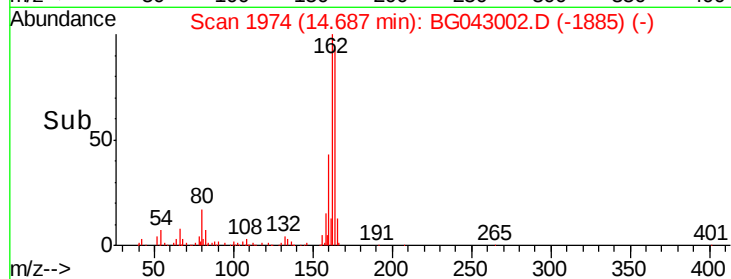
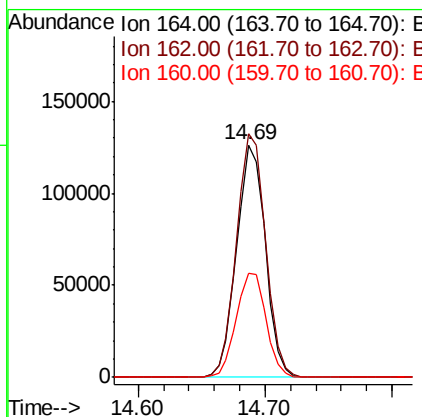
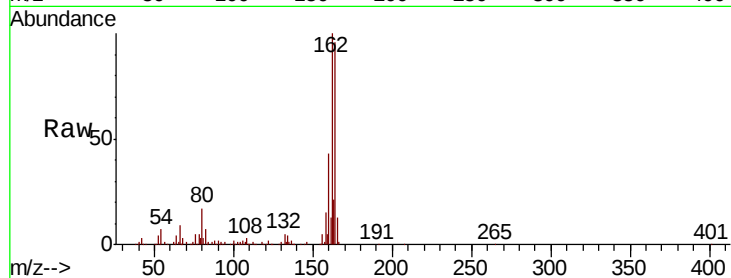
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.5	117.7
160	44.8	35.9	53.9

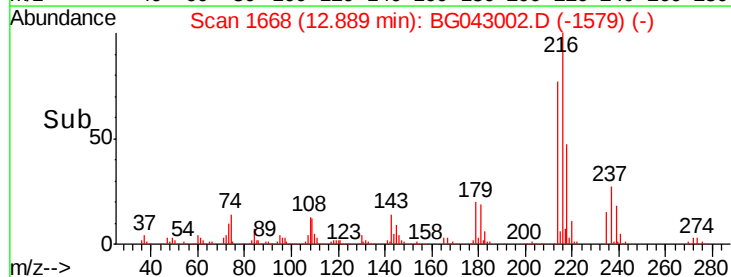
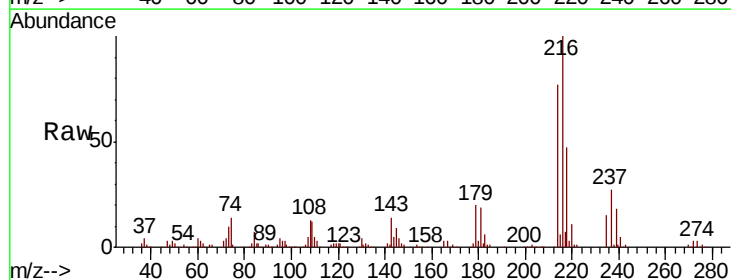
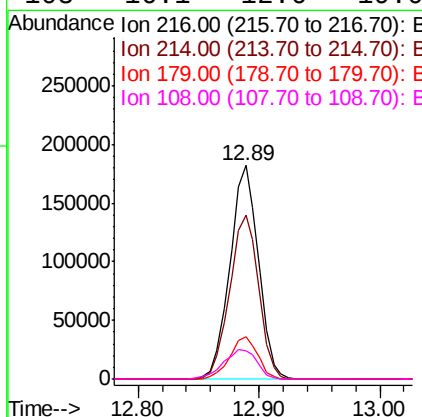
Manual Integrations
APPROVED

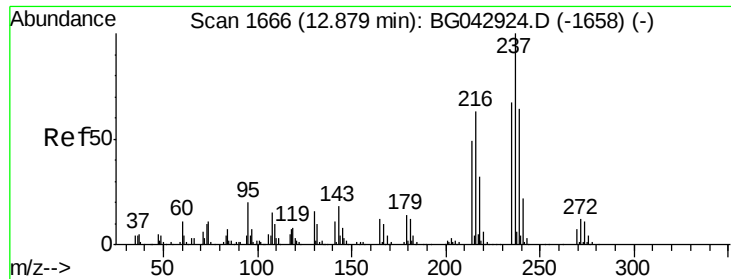
mohammad
10/4/2019 8:18:13 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.016 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.4	93.6
179	19.4	15.4	23.2
108	16.1	12.6	19.0





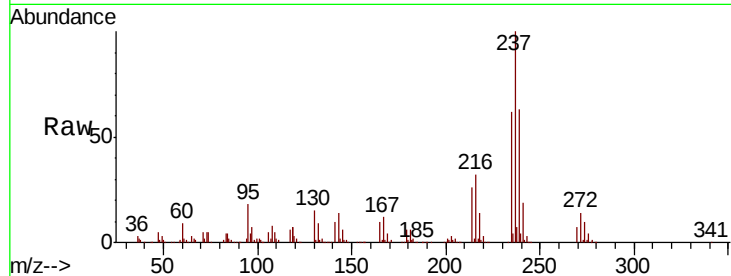
#41
Hexachlorocyclopentadiene
Concen: 62.046 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	294290		
235	62.1	46.7	86.7	
272	13.9	0.0	32.3	

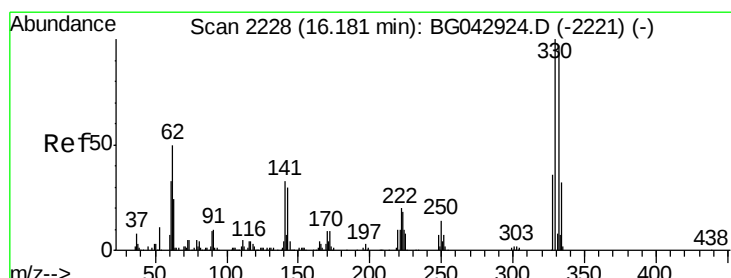
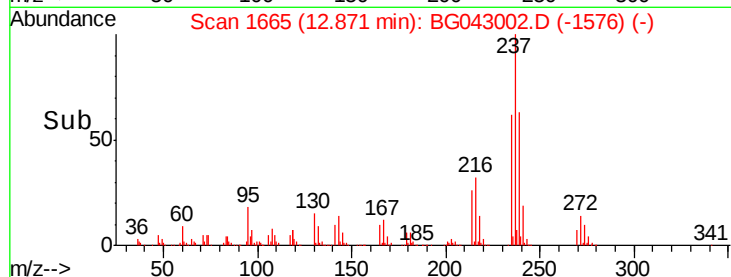
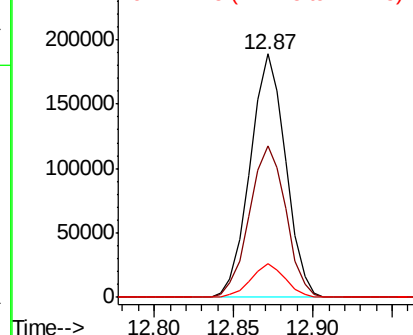
Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM



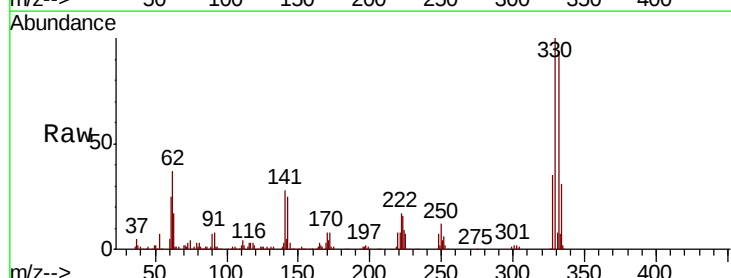
Abundance

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



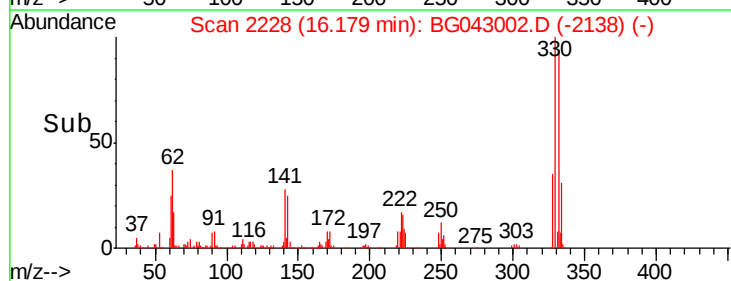
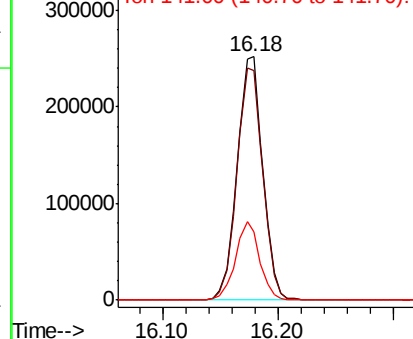
#42
2,4,6-Tribromophenol
Concen: 113.576 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

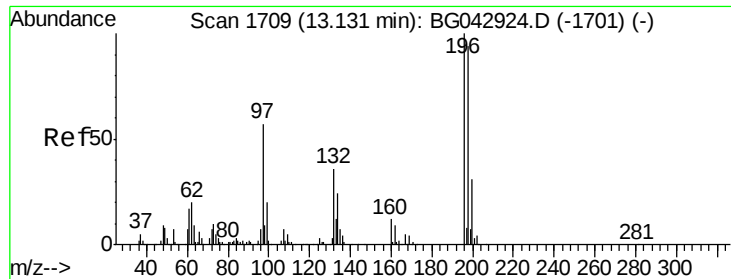
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	386672		
332	96.4	78.2	117.2	
141	30.5	26.0	39.0	



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





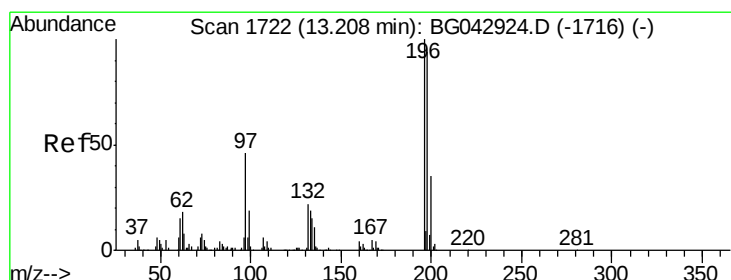
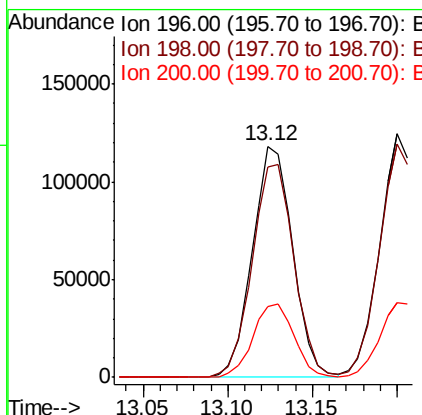
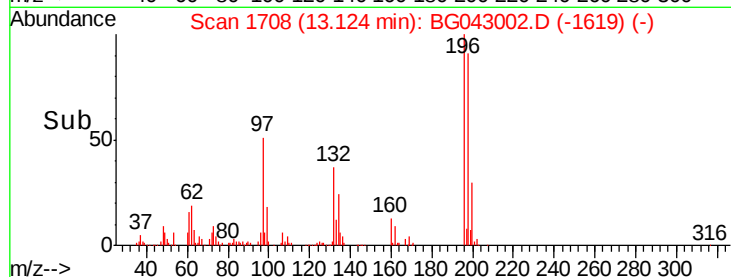
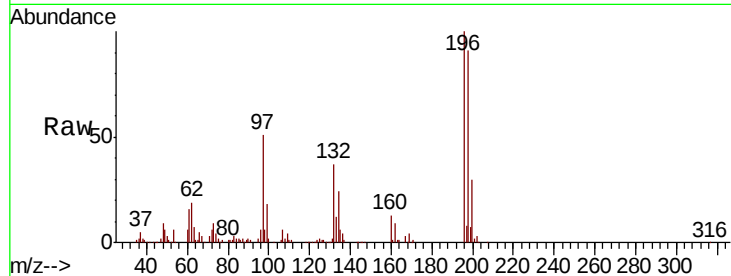
#43
 2,4,6-Trichlorophenol
 Concen: 44.865 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	195484		
198	91.1	75.5	113.3	
200	30.4	24.9	37.3	

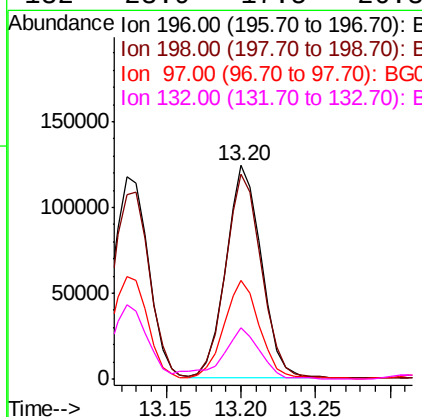
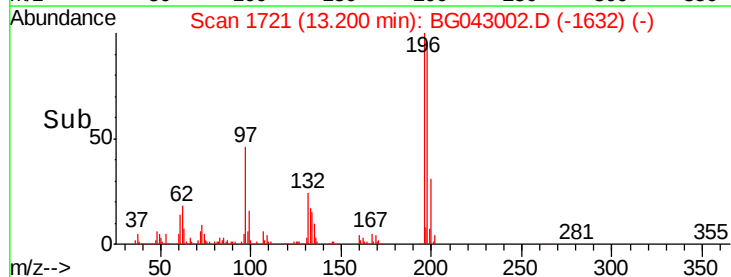
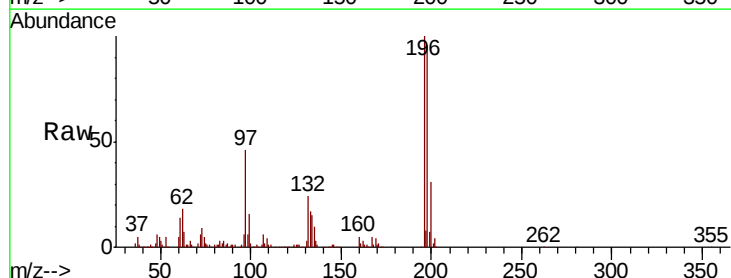
Manual Integrations
 APPROVED

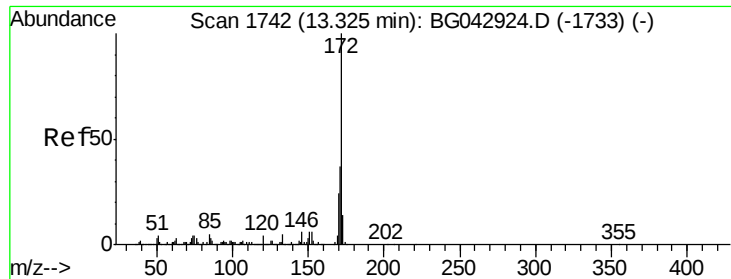
mohammad
 10/4/2019 8:18:13 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.827 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205695		
198	95.7	75.1	112.7	
97	46.0	37.0	55.4	
132	23.9	17.5	26.3	





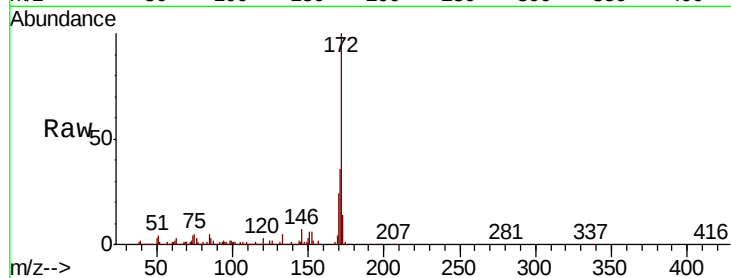
#45
2-Fluorobiphenyl
Concen: 67.233 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

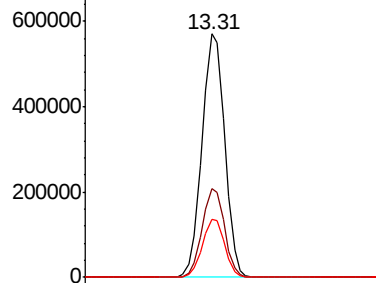
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.6	29.4

Manual Integrations
APPROVED

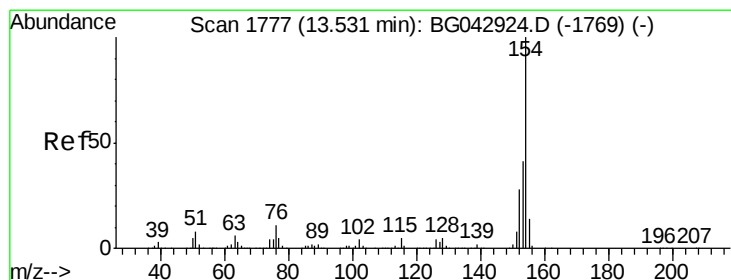
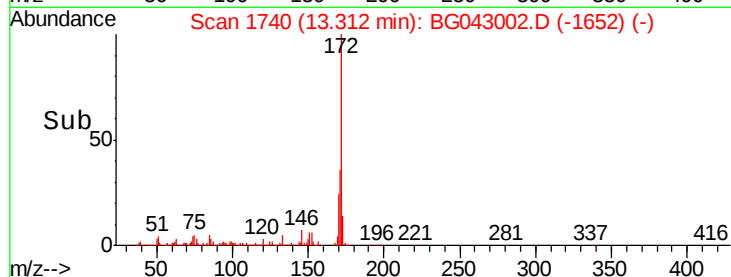
mohammad
10/4/2019 8:18:13 AM



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

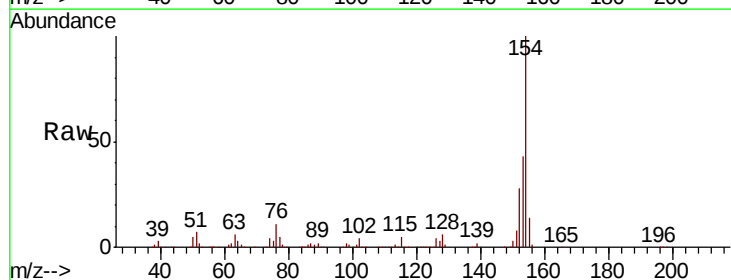


Time--> 13.20 13.30 13.40

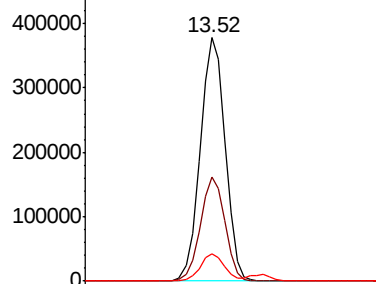


#46
1,1'-Biphenyl
Concen: 39.742 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

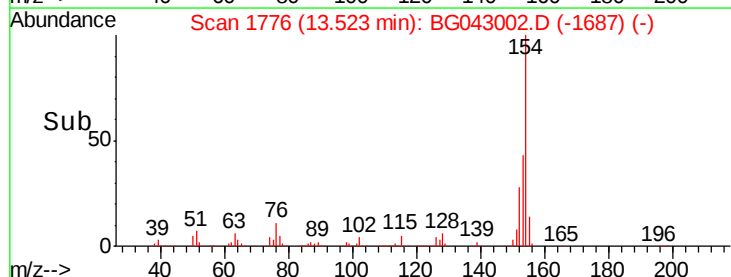
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	21.4	61.4
76	11.5	0.0	31.3

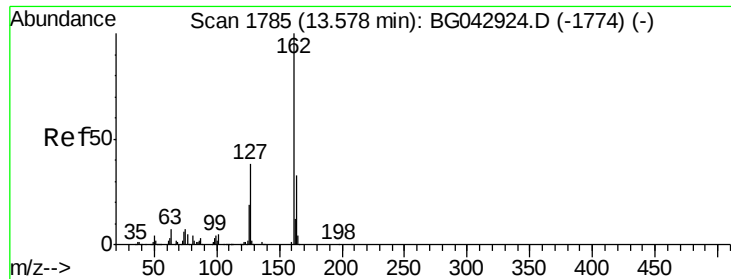


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG



Time--> 13.50 13.60





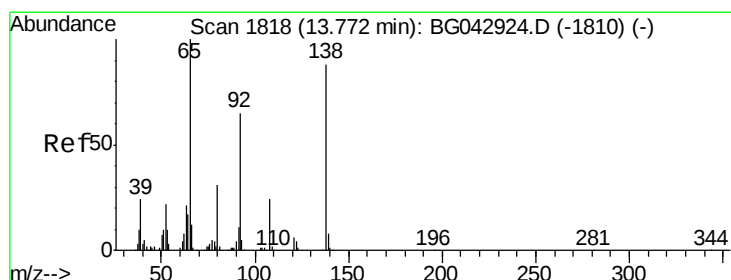
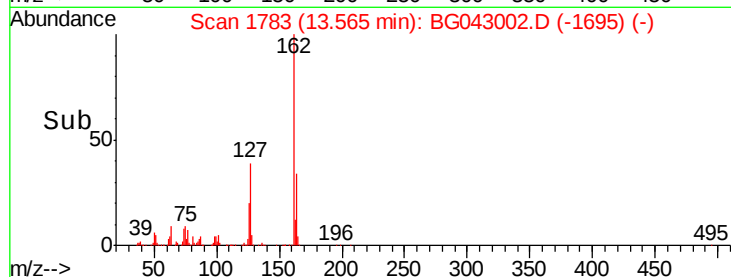
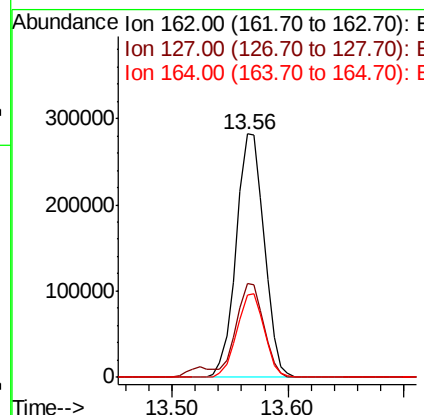
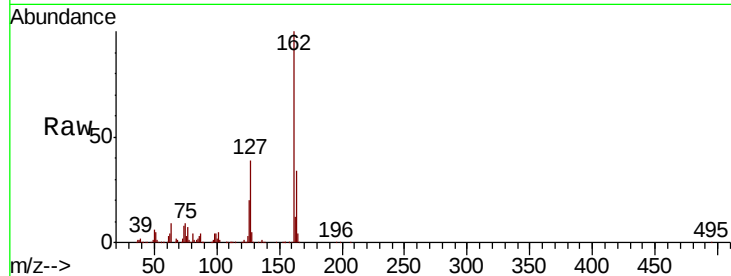
#47
2-Chloronaphthalene
Concen: 42.200 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	475038		
127	38.5		31.0	46.6
164	33.9		26.2	39.2

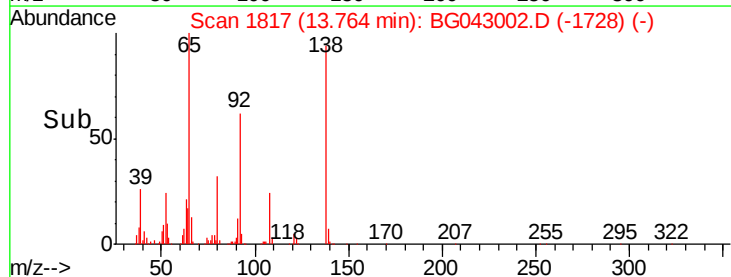
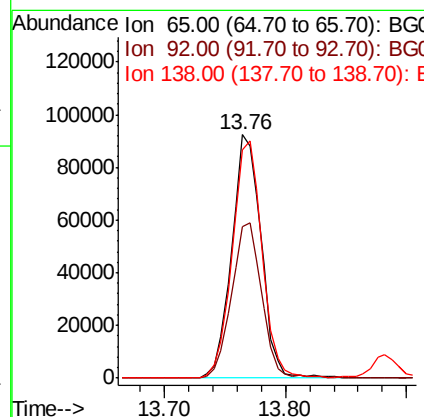
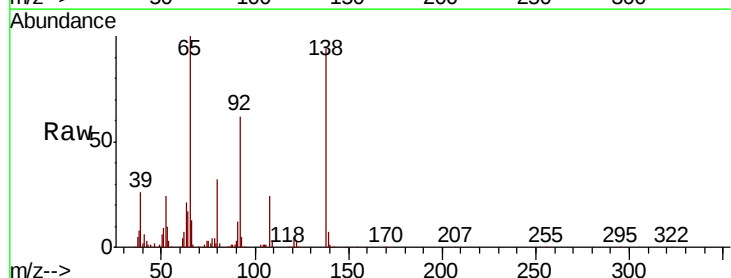
Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM



#48
2-Nitroaniline
Concen: 41.859 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	156697		
92	62.1		52.0	78.0
138	93.7		70.4	105.6





#49

Acenaphthylene

Concen: 43.694 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

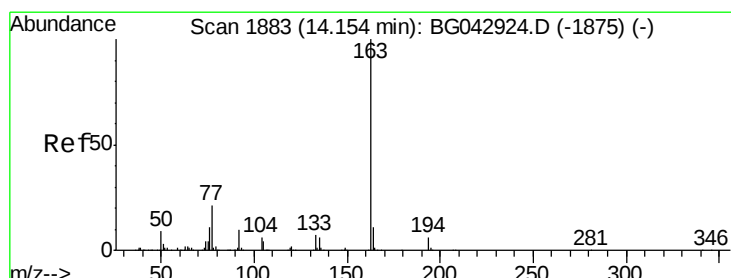
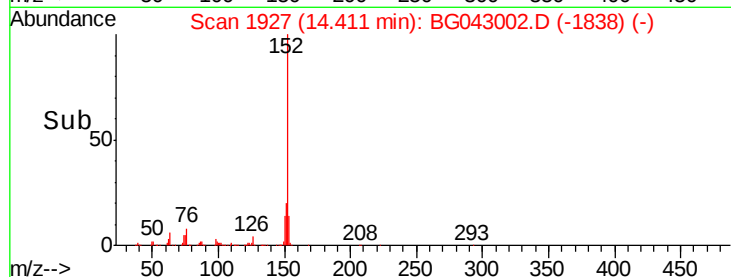
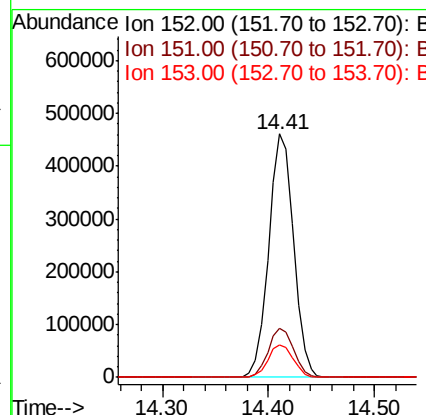
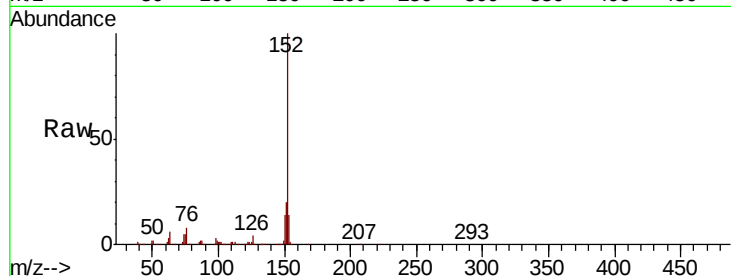
ClientSampleId :

PB123570BS

Tot Ion:	152	Resp:	752624
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.8	25.2
153	13.5	11.3	16.9

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM



#50

Dimethylphthalate

Concen: 40.168 ng

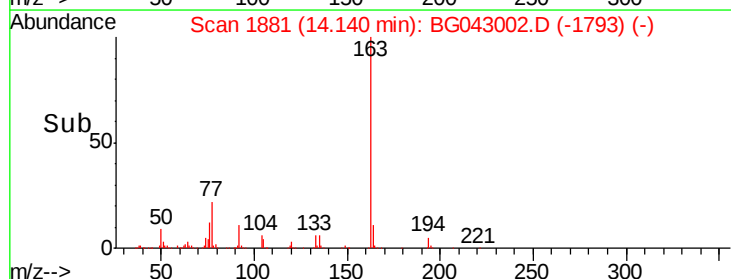
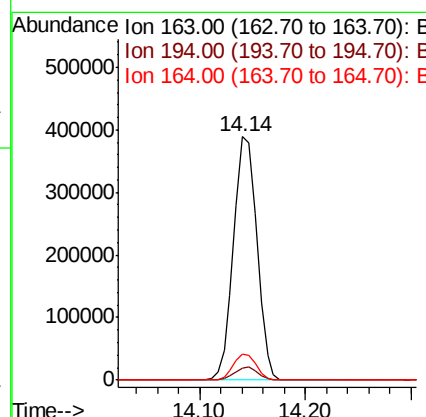
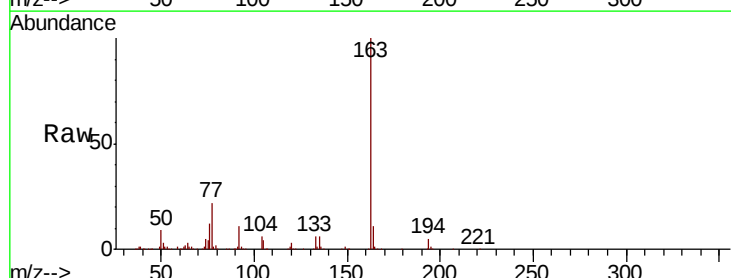
RT: 14.14 min Scan# 1881

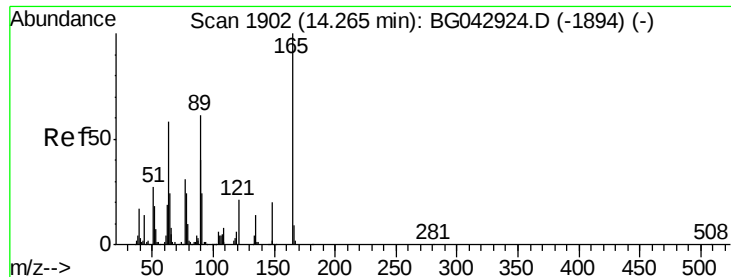
Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Tgt Ion:	163	Resp:	595878
Ion Ratio	Lower	Upper	
163	100		
194	5.0	4.4	6.6
164	10.8	8.6	12.8





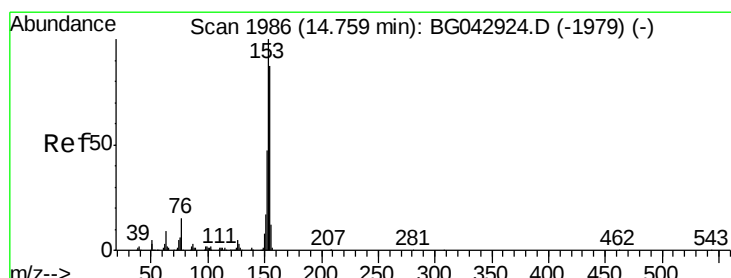
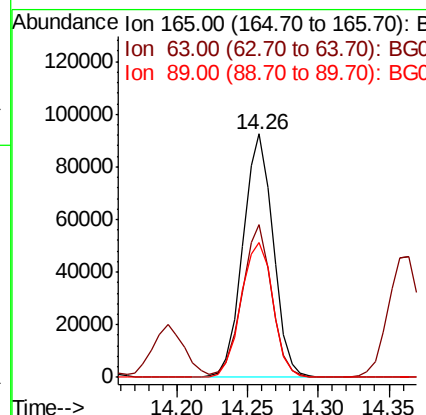
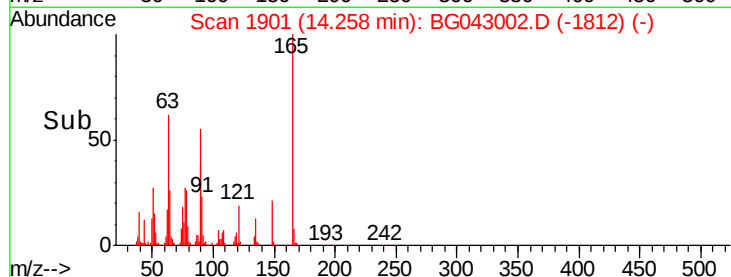
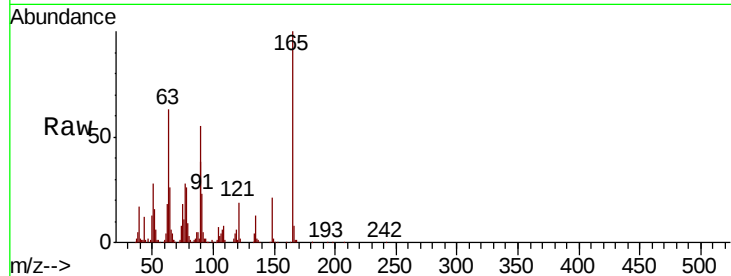
#51
 2,6-Dinitrotoluene
 Concen: 43.893 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.8	50.3	75.5
89	55.4	48.9	73.3

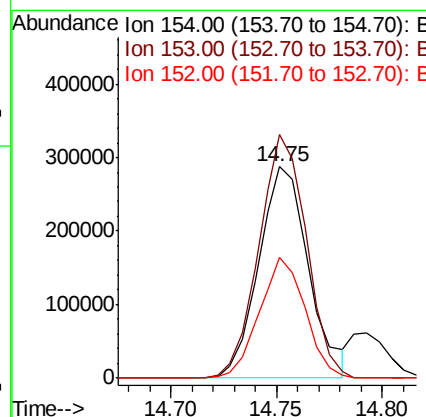
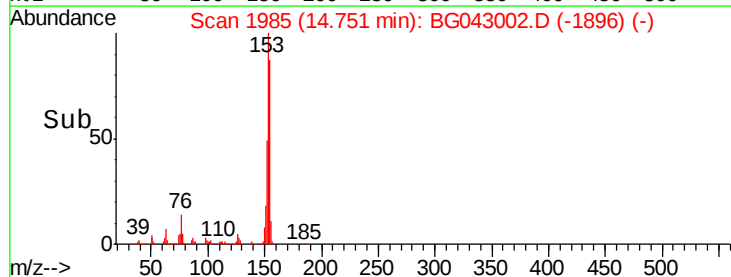
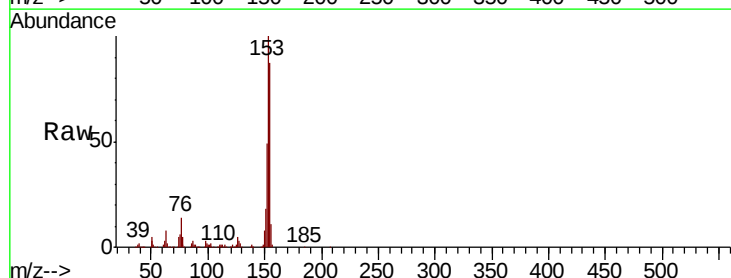
Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:13 AM



#52
 Acenaphthene
 Concen: 40.866 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.4	137.0
152	56.9	42.8	64.2





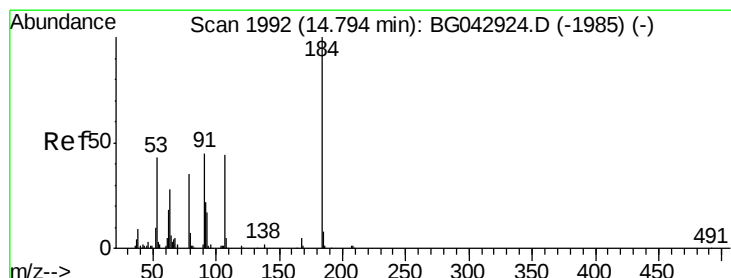
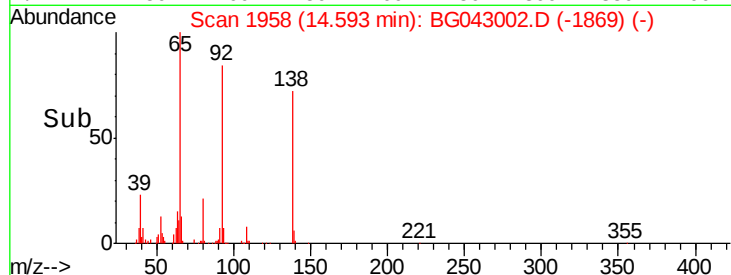
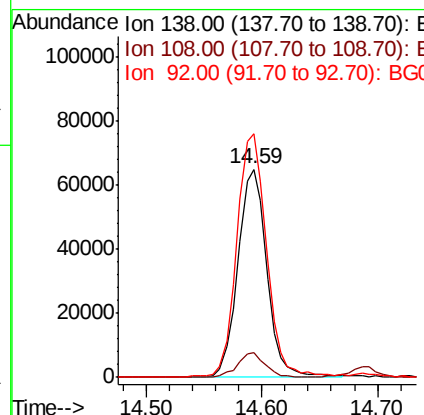
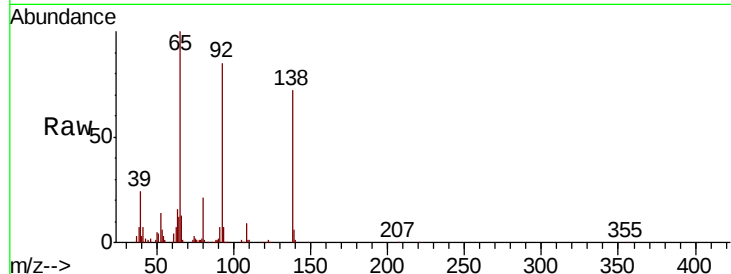
#53
 3-Nitroaniline
 Concen: 34.538 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	7.9	11.9
92	117.1	97.0	145.6

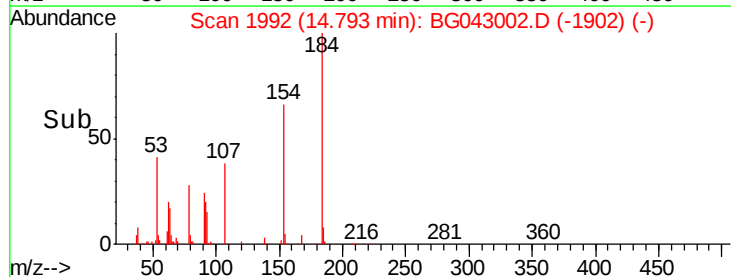
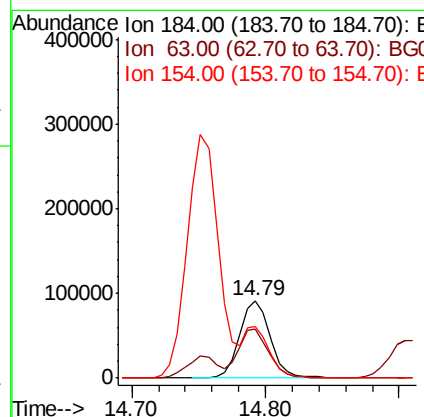
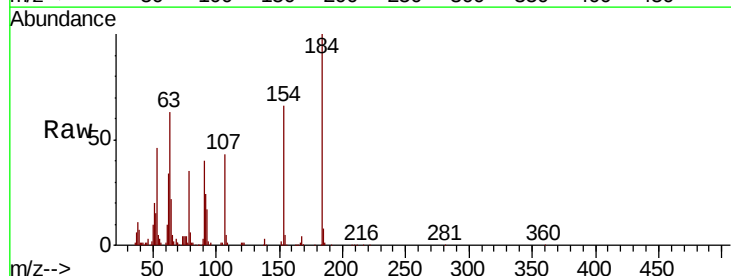
Manual Integrations
 APPROVED

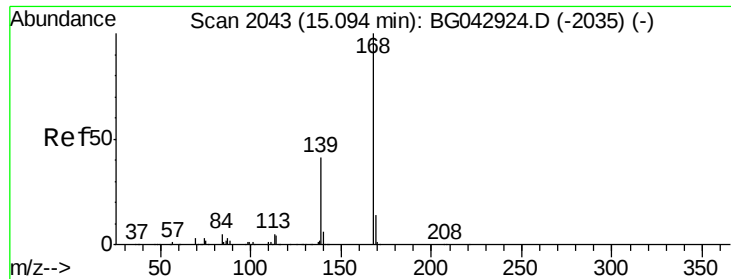
mohammad
 10/4/2019 8:18:13 AM



#54
 2,4-Dinitrophenol
 Concen: 73.831 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	55.0	82.6
154	66.5	56.5	84.7





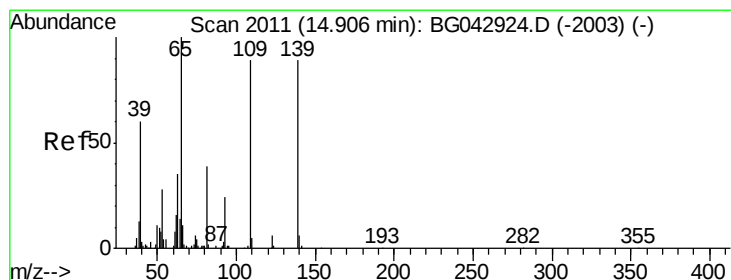
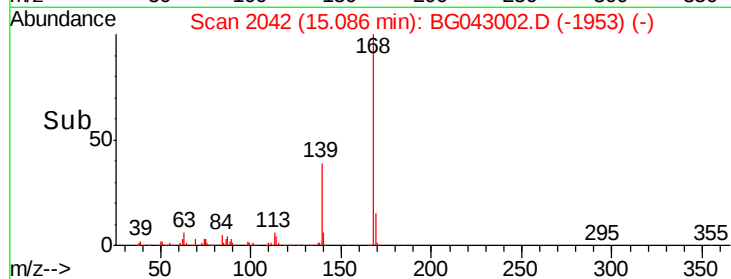
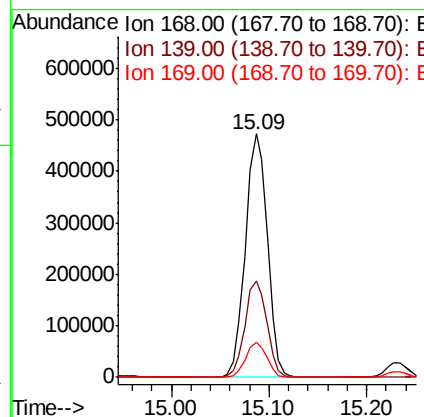
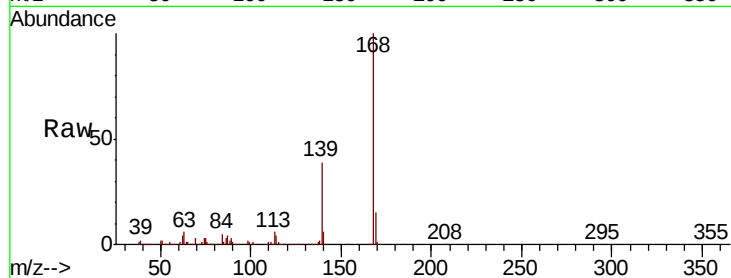
#55
Dibenzofuran
Concen: 43.530 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	32.6	48.8
169	14.6	11.2	16.8

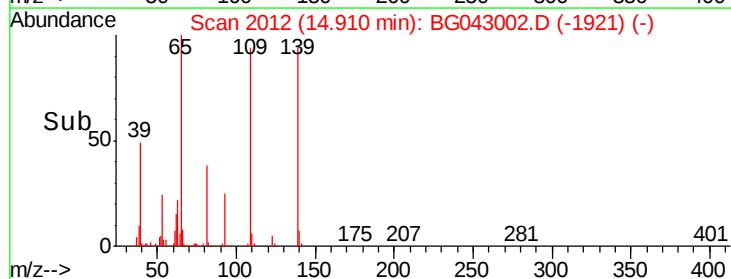
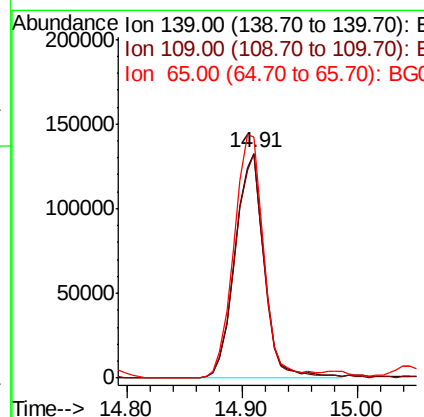
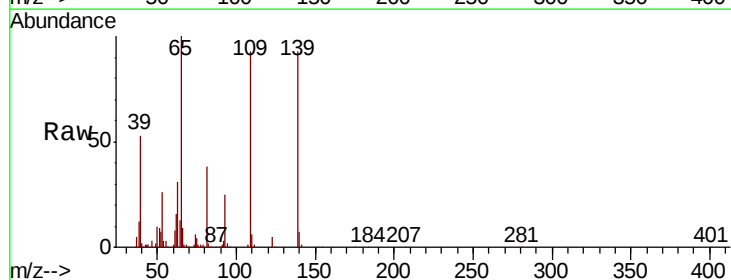
Manual Integrations
APPROVED

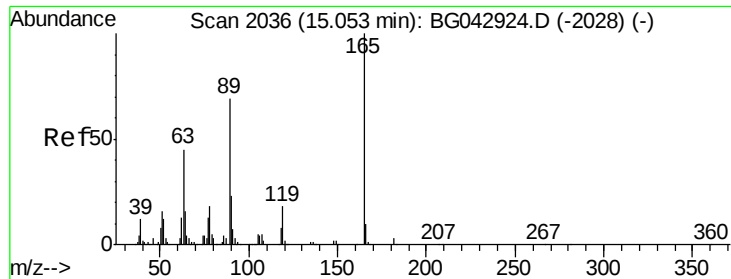
mohammad
10/4/2019 8:18:13 AM



#56
4-Nitrophenol
Concen: 93.351 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.8	79.4	119.4
65	107.3	92.5	132.5





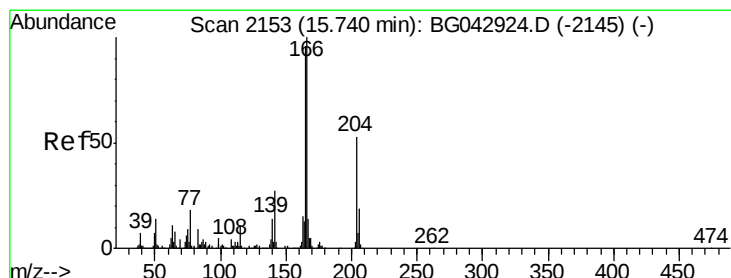
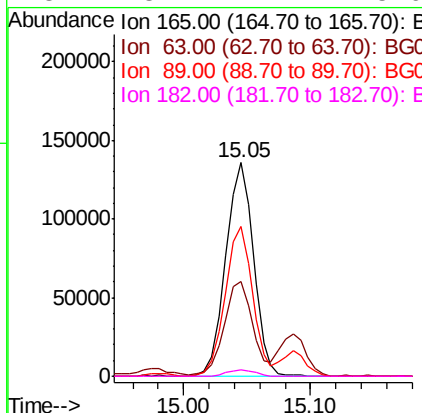
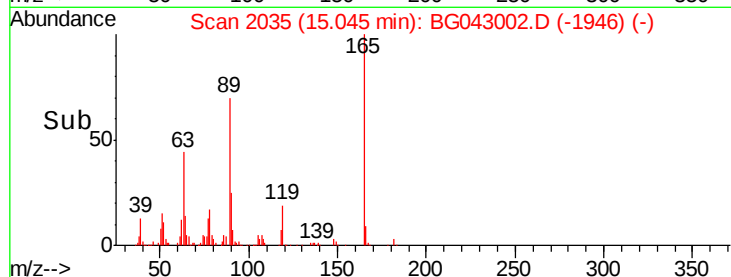
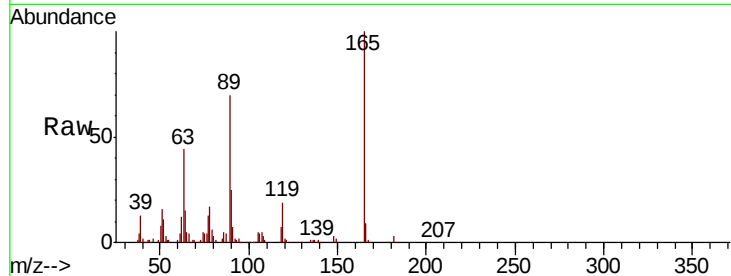
#57
 2,4-Dinitrotoluene
 Concen: 44.453 ng
 RT: 15.05 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	205651		
63	44.3		36.5	54.7
89	70.3		55.5	83.3
182	3.1		2.4	3.6

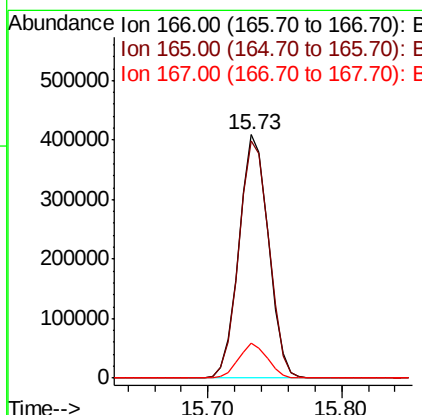
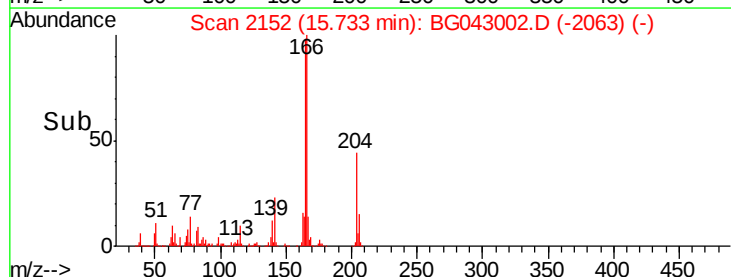
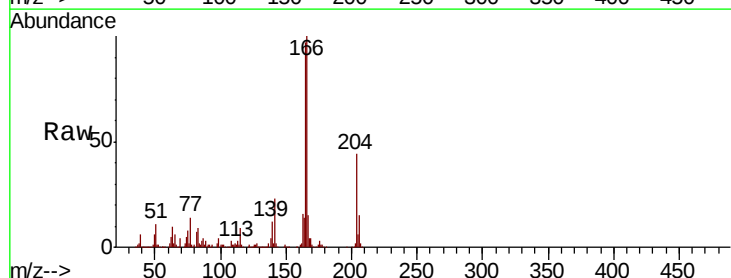
Manual Integrations
 APPROVED

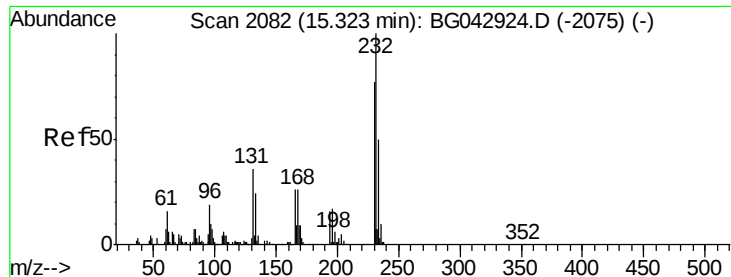
mohammad
 10/4/2019 8:18:13 AM



#58
 Fluorene
 Concen: 42.841 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	623805		
165	97.4		77.1	115.7
167	14.6		11.0	16.6





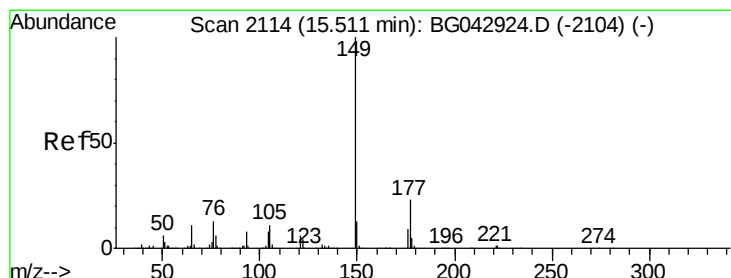
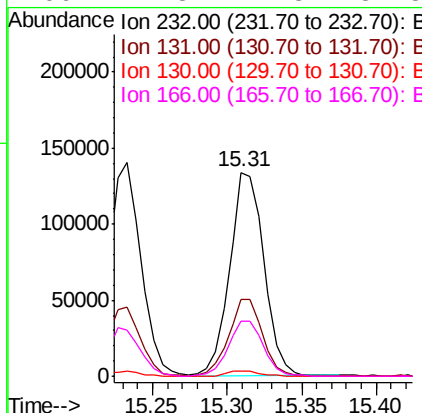
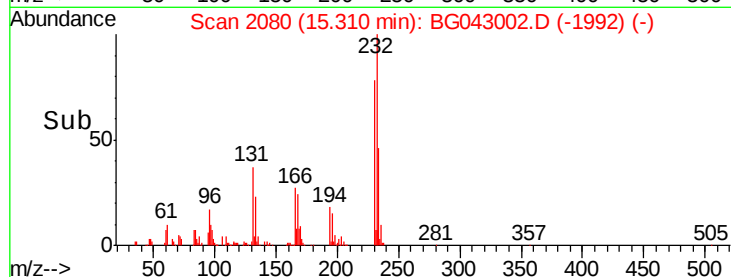
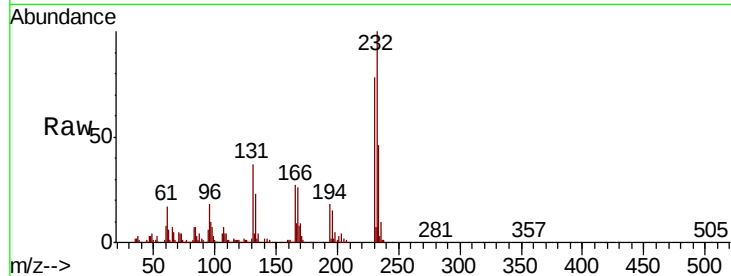
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.911 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	214632		
131	37.8	29.6	44.4	
130	2.5	1.9	2.9	
166	27.8	21.8	32.8	

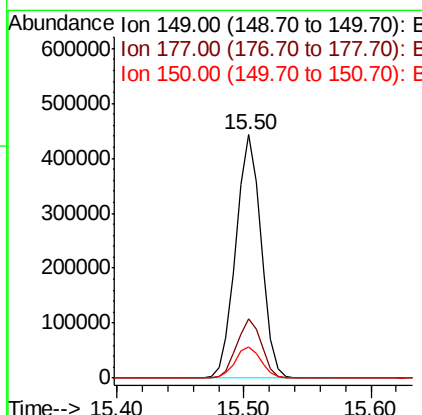
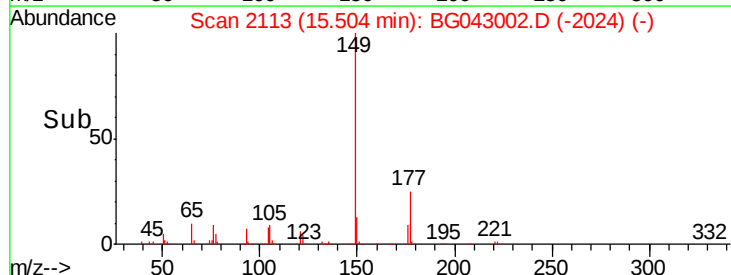
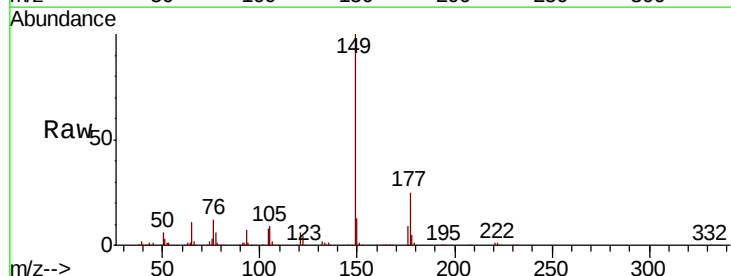
Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:13 AM



#60
 Diethylphthalate
 Concen: 40.114 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	605601		
177	24.6	18.8	28.2	
150	12.9	10.6	15.8	





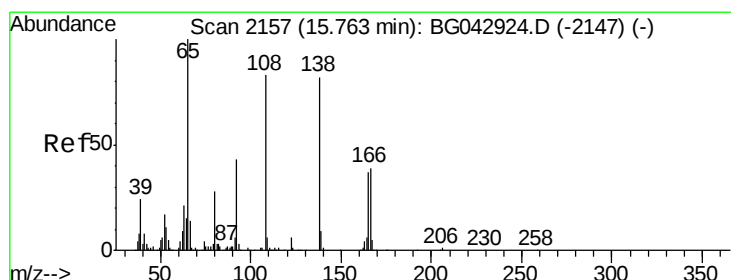
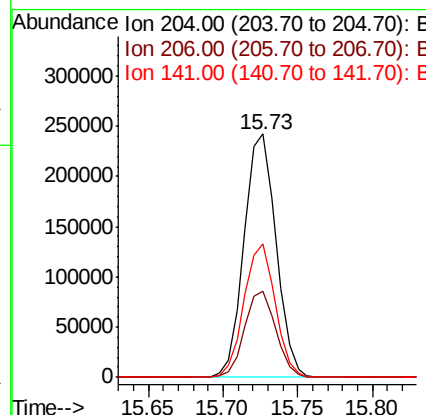
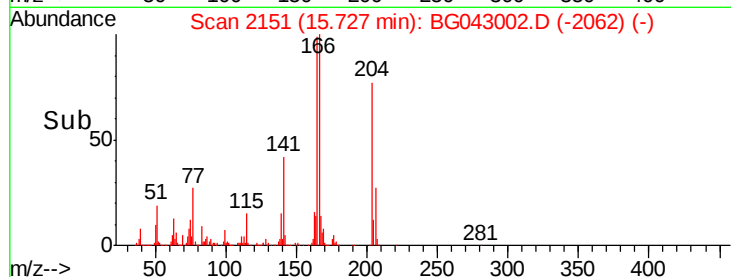
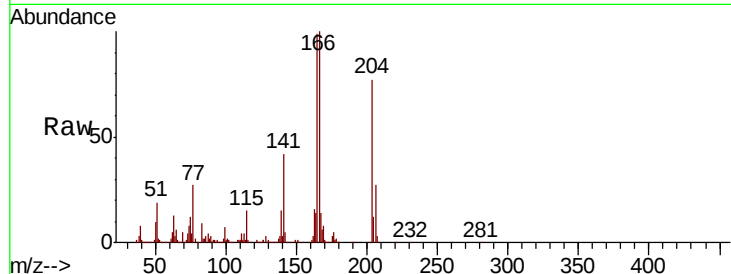
#61
4-Chlorophenyl-phenylether
Concen: 41.101 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	358930		
206	35.4	28.5	42.7	
141	54.7	42.4	63.6	

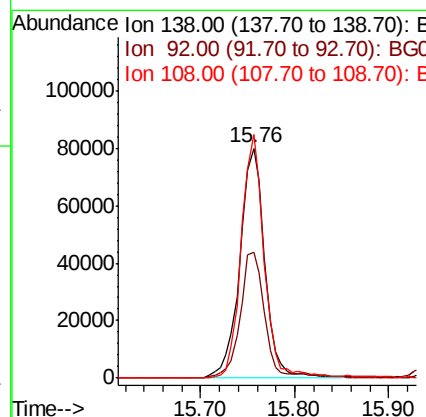
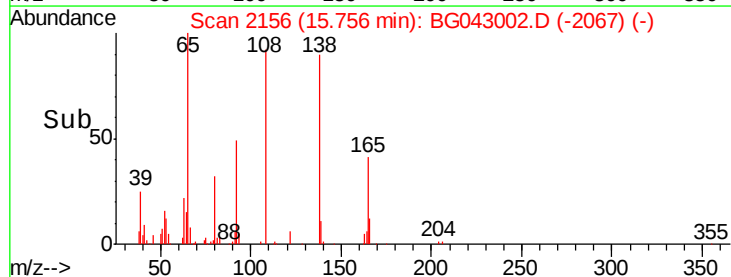
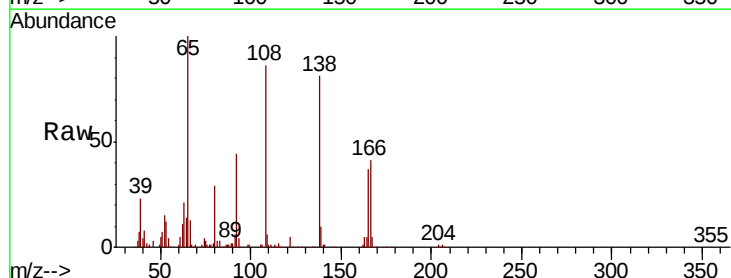
Manual Integrations
APPROVED

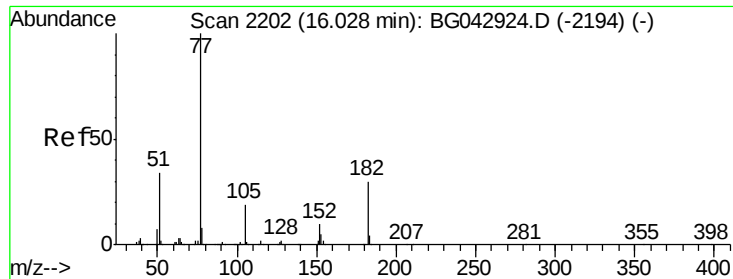
mohammad
10/4/2019 8:18:13 AM



#62
4-Nitroaniline
Concen: 41.621 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	148199		
92	54.6	32.9	72.9	
108	106.1	81.3	121.3	





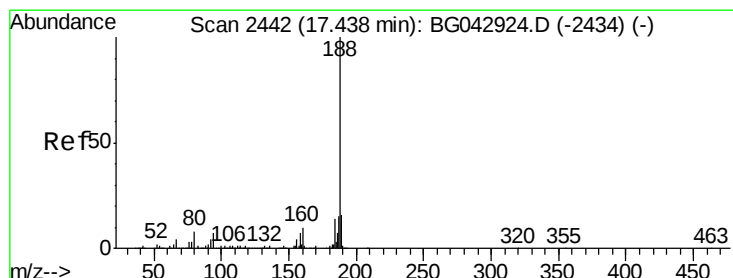
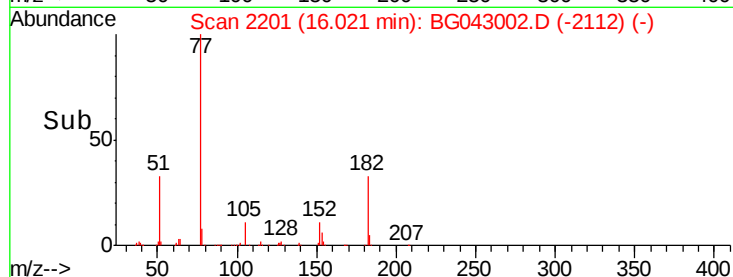
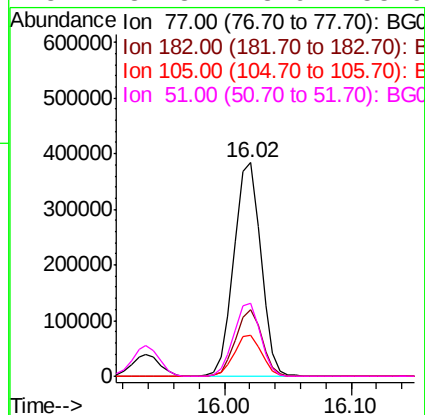
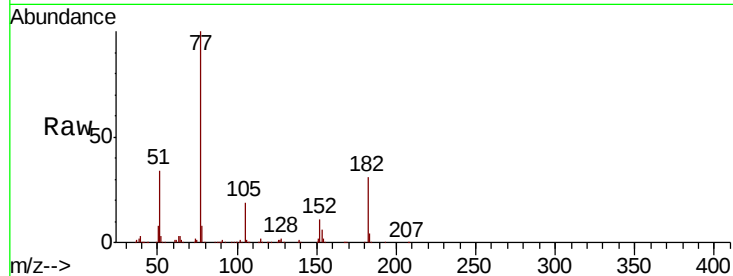
#63
Azobenzene
Concen: 41.024 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.1	10.2	50.2		
105	19.5	0.0	39.1		
51	34.3	13.9	53.9		

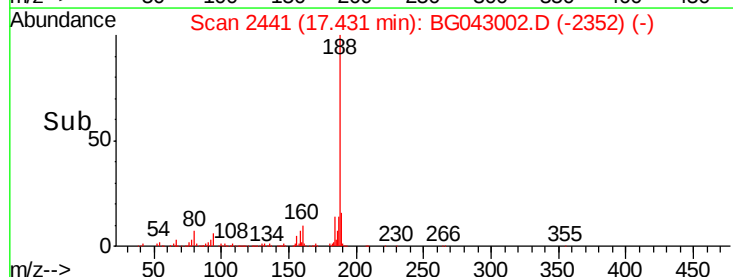
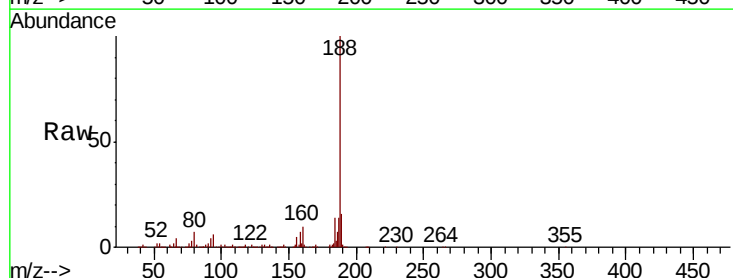
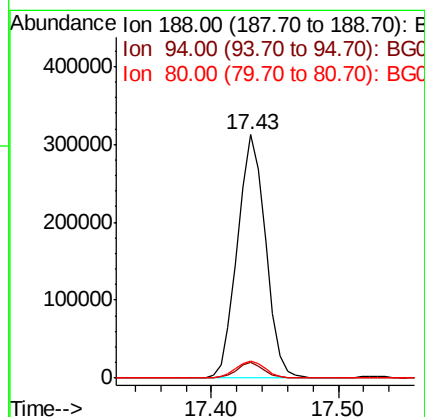
Manual Integrations
APPROVED

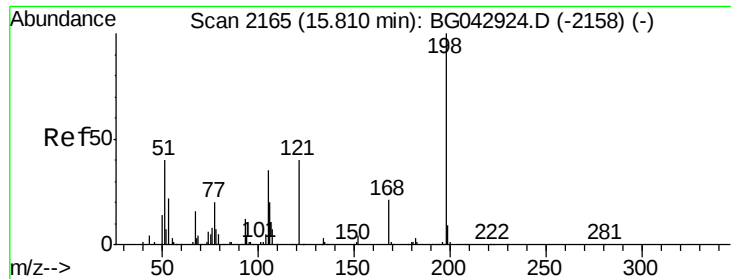
mohammad
10/4/2019 8:18:13 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.3	5.7	8.5		
80	7.1	6.5	9.7		





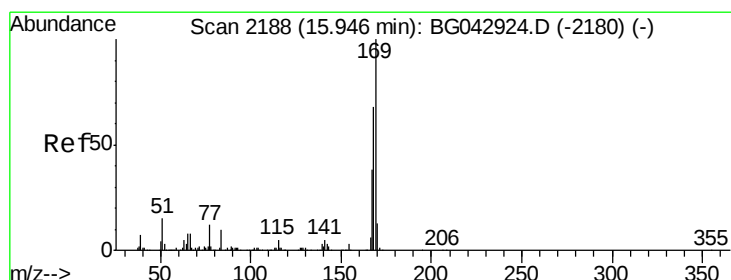
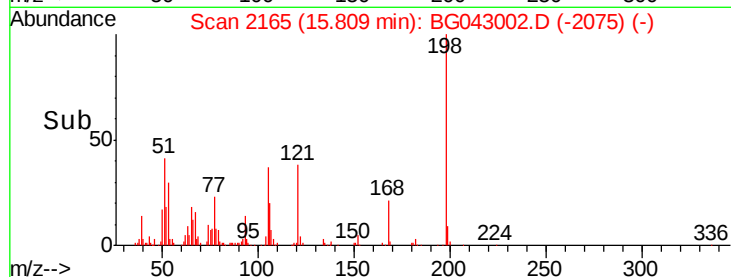
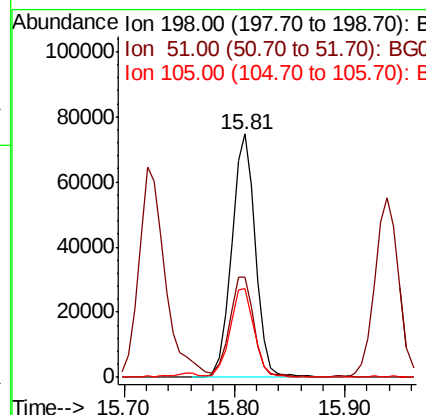
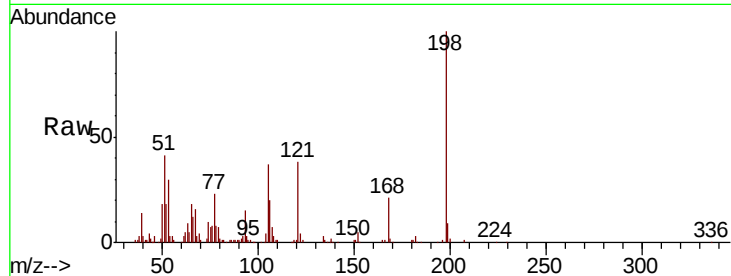
#65
4,6-Dinitro-2-methylphenol
Concen: 41.180 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	111857		
51	41.2	25.3	65.3	
105	36.6	16.6	56.6	

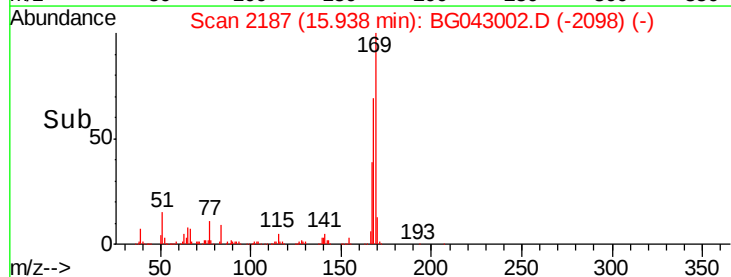
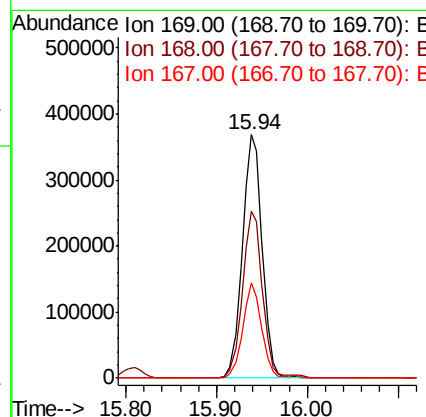
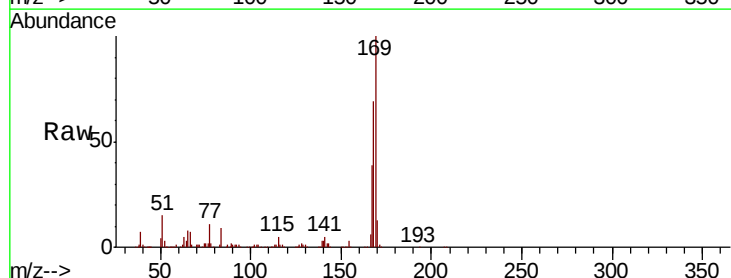
Manual Integrations
APPROVED

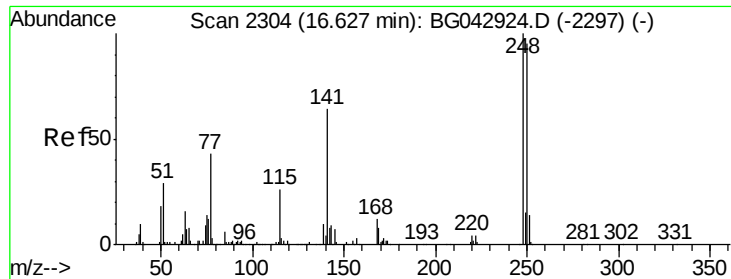
mohammad
10/4/2019 8:18:13 AM



#66
n-Nitrosodiphenylamine
Concen: 44.139 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	559328		
168	68.7	54.8	82.2	
167	39.2	30.6	46.0	





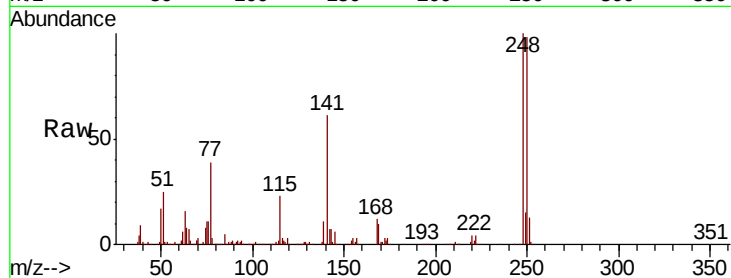
#67
4-Bromophenyl-phenylether
Concen: 42.975 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleID :
PB123570BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	75.8	113.8
141	61.0	51.1	76.7

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM

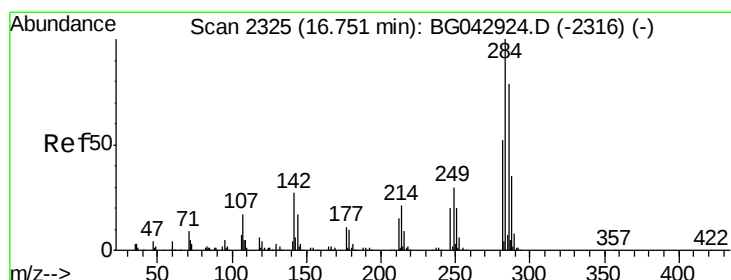
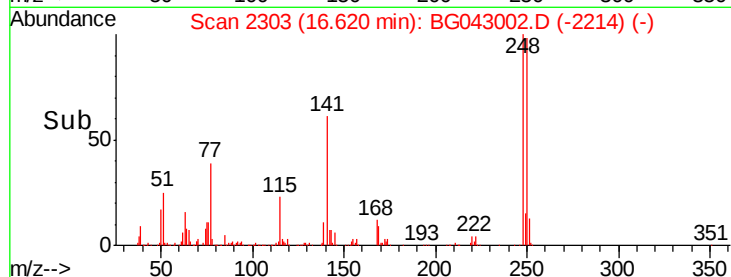
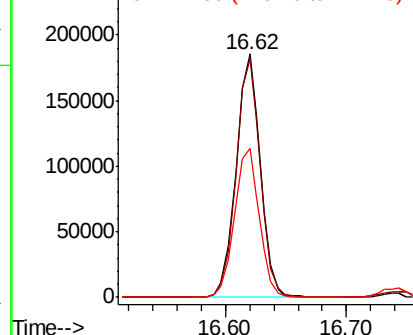


Abundance

Ion 248.00 (247.70 to 248.70): E

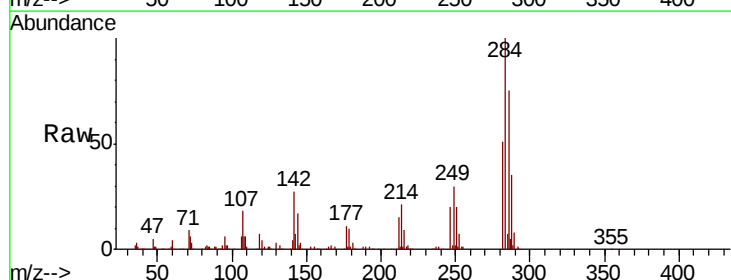
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.458 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	21.6	32.4
249	29.7	24.1	36.1

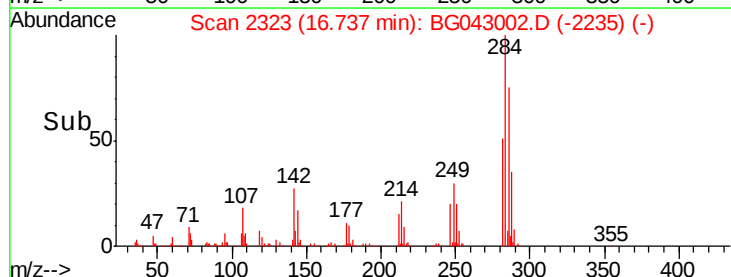
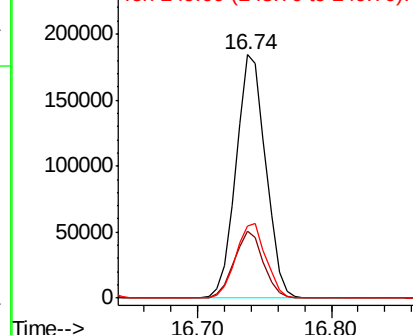


Abundance

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





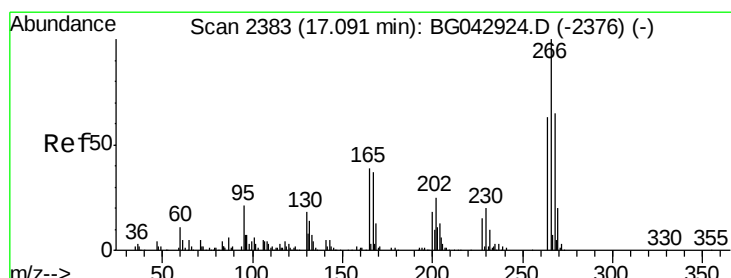
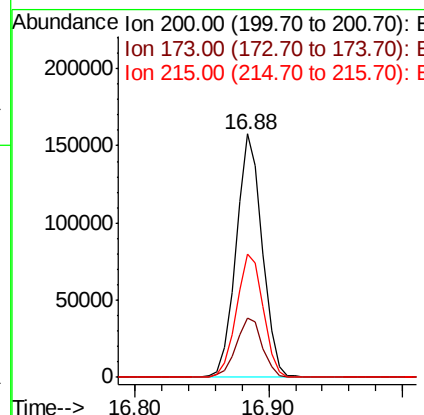
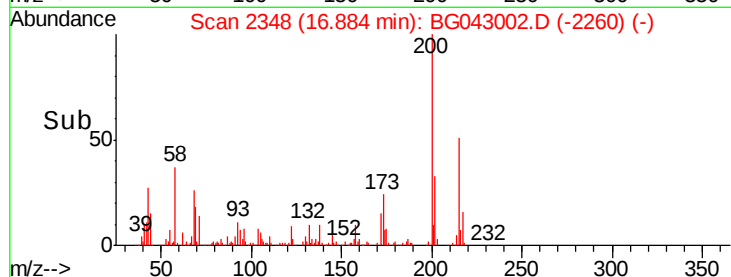
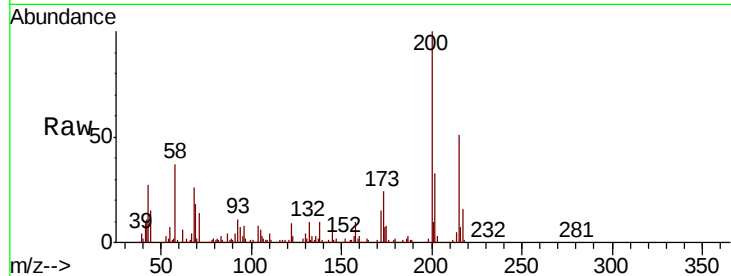
#69
Atrazine
Concen: 40.137 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.1	4.0	44.0
215	50.6	27.4	67.4

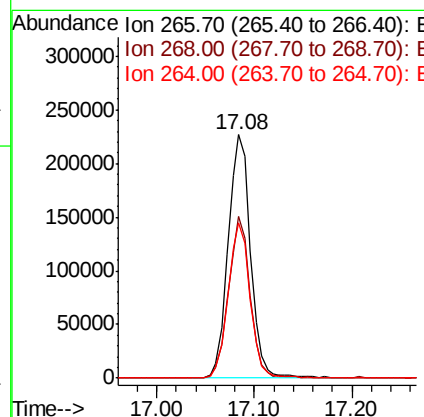
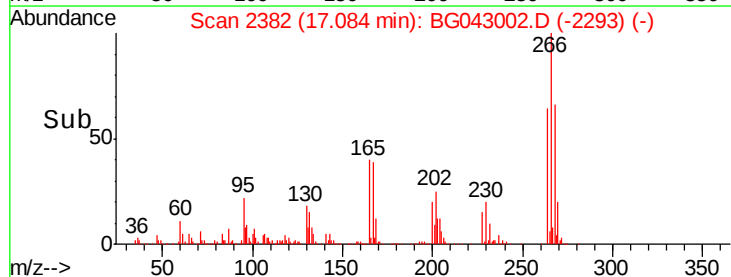
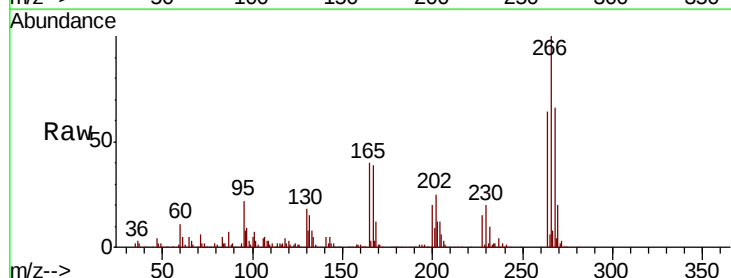
Manual Integrations
APPROVED

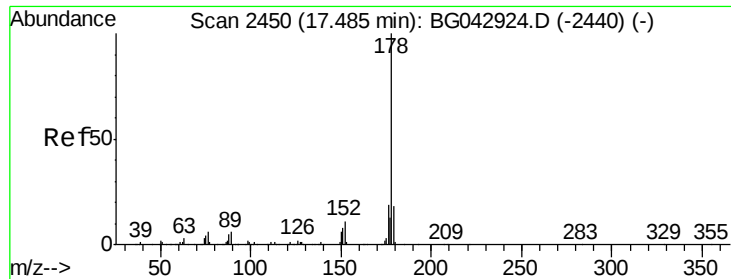
mohammad
10/4/2019 8:18:13 AM



#70
Pentachlorophenol
Concen: 93.072 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.2	52.2	78.2
264	63.6	50.7	76.1





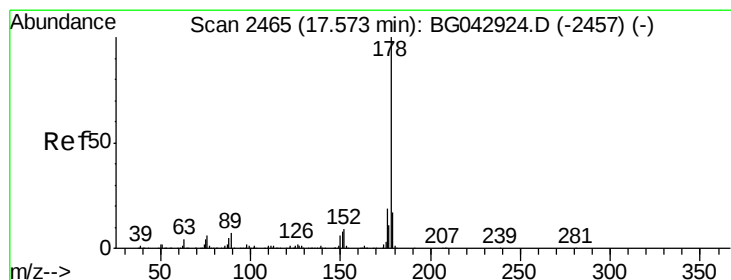
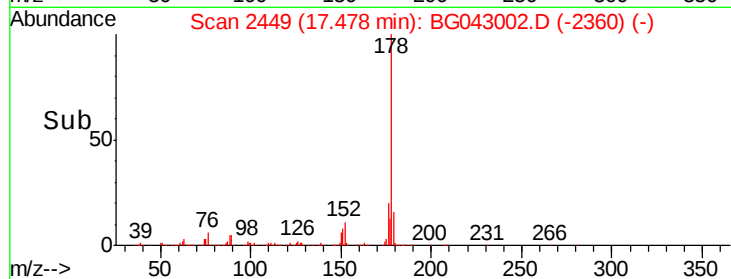
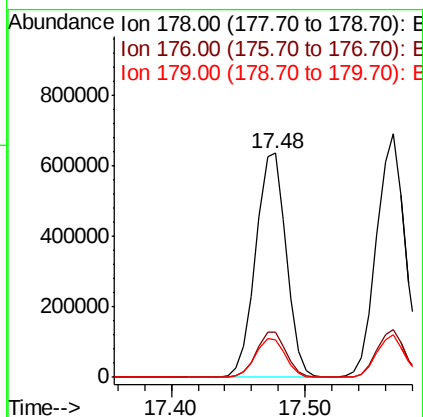
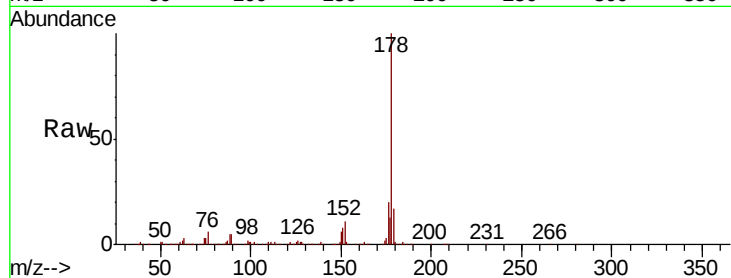
#71
 Phenanthrene
 Concen: 42.828 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	16.7	14.1	21.1

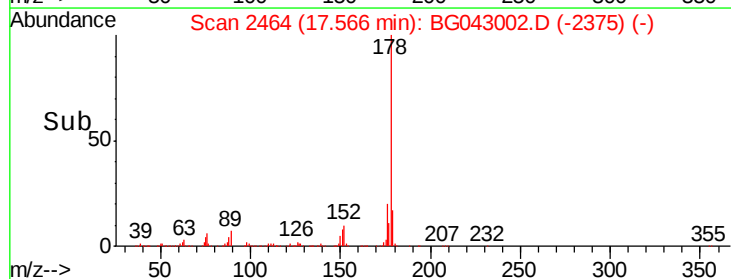
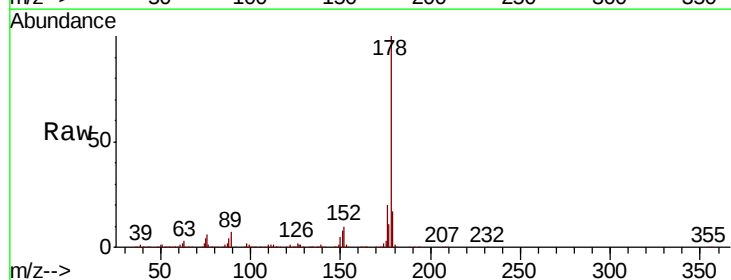
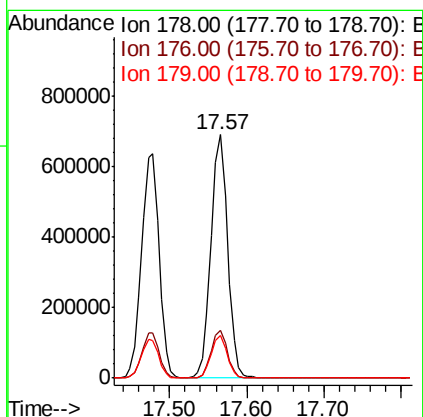
Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:13 AM



#72
 Anthracene
 Concen: 43.921 ng
 RT: 17.57 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	17.4	13.5	20.3





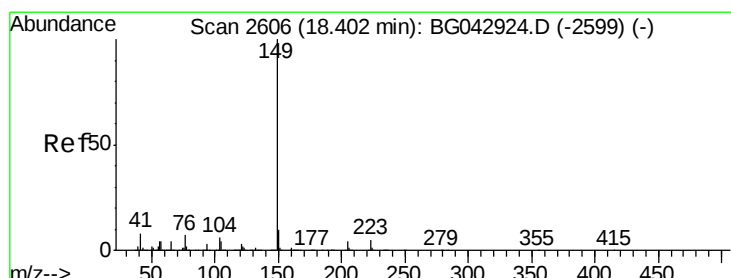
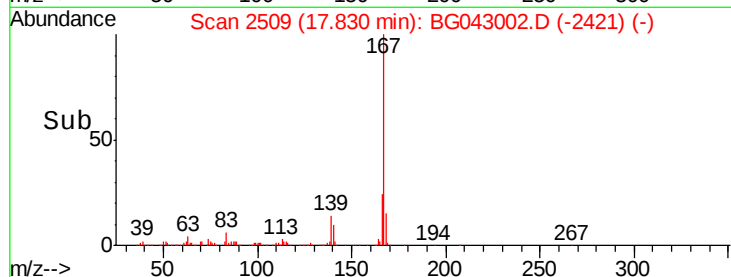
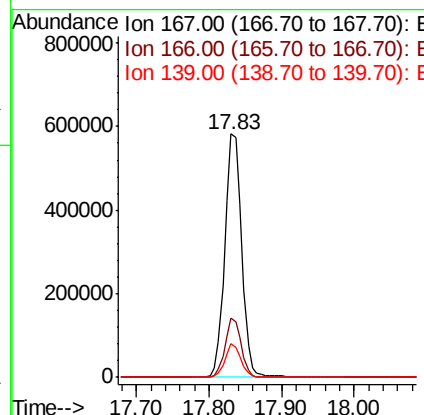
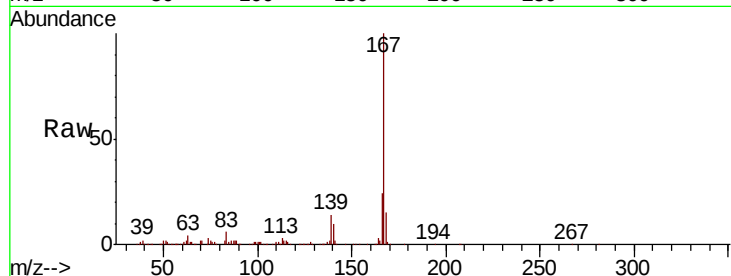
#73
 Carbazole
 Concen: 43.488 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.6	28.0
139	13.6	10.8	16.2

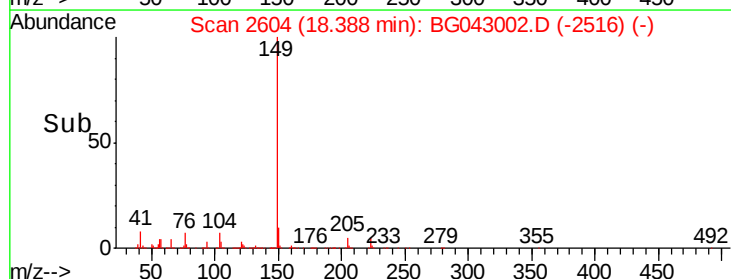
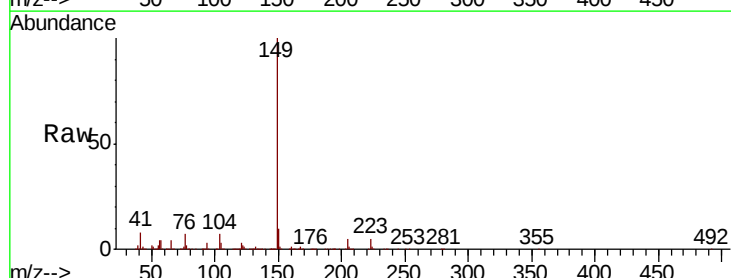
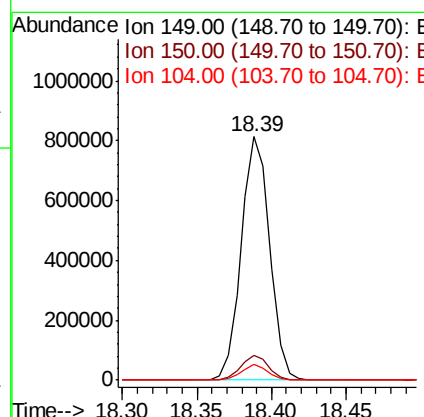
Manual Integrations
 APPROVED

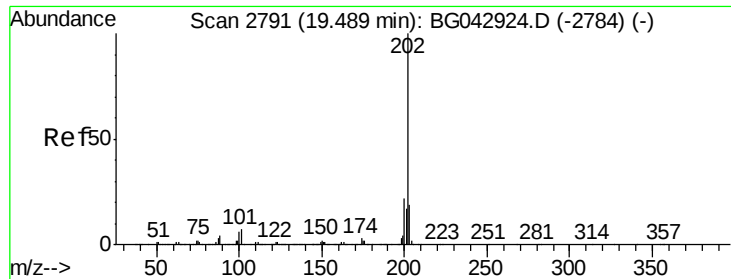
mohammad
 10/4/2019 8:18:13 AM



#74
 Di-n-butylphthalate
 Concen: 41.445 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.6	5.0	7.6





#75

Fluoranthene

Concen: 42.307 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

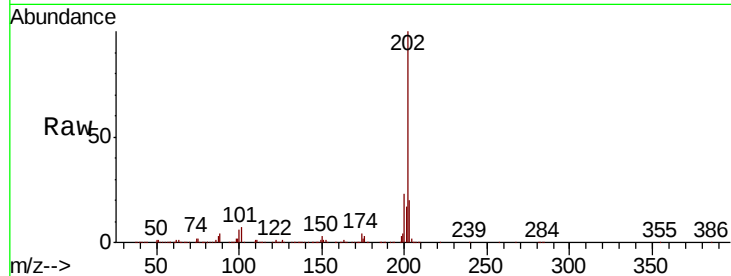
ClientSampleId :

PB123570BS

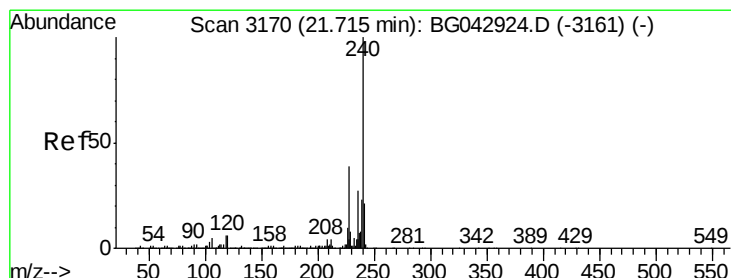
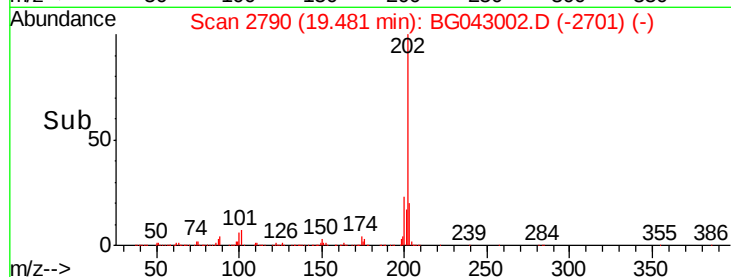
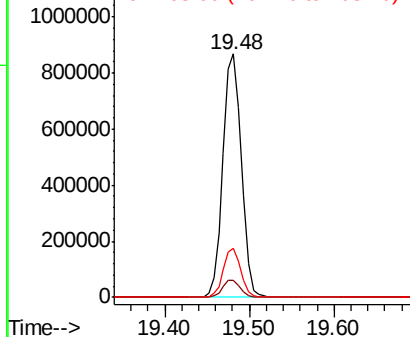
Tot Ion:	202	Resp:	1311387
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	27.3
203	19.9	0.0	39.5

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 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

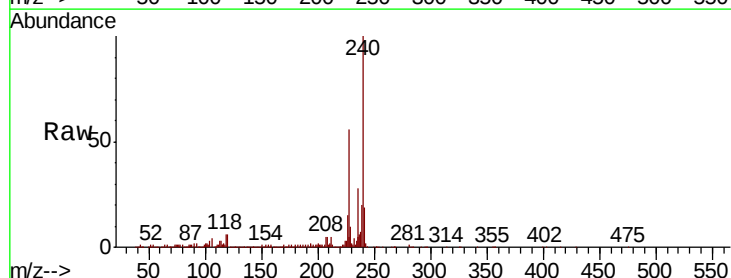
RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

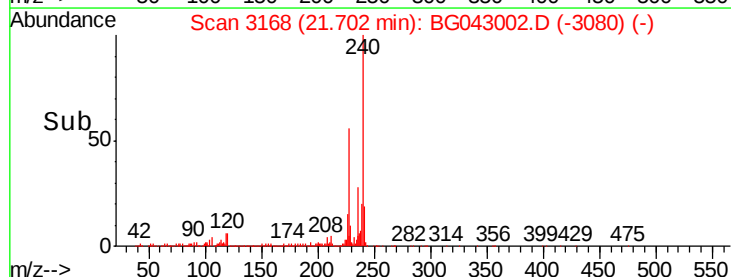
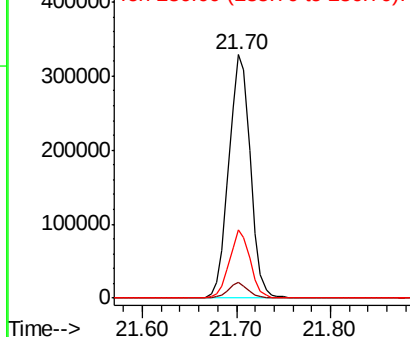
Lab File: BG043002.D

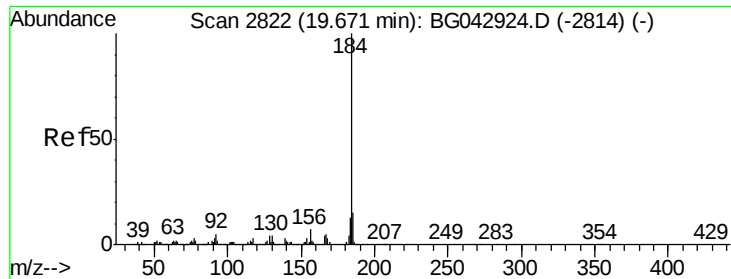
Acq: 3 Oct 2019 2:48

Tgt Ion:	240	Resp:	523354
Ion Ratio	Lower	Upper	
240	100		
120	6.3	4.8	7.2
236	28.2	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: 38.760 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

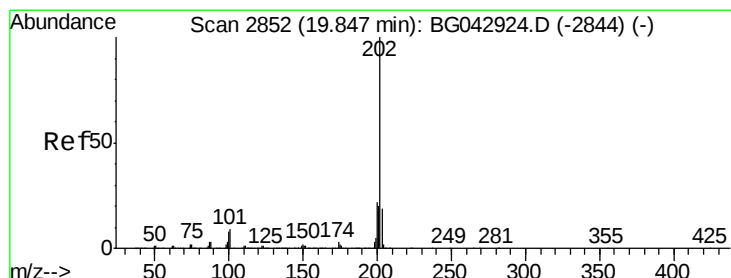
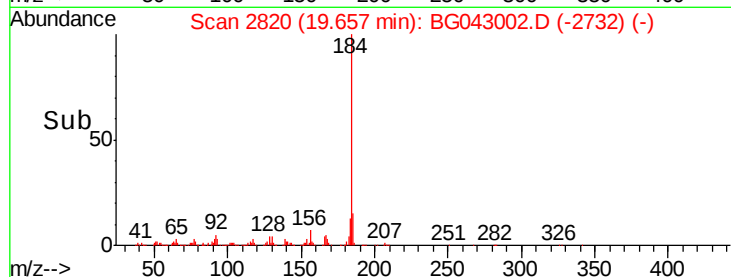
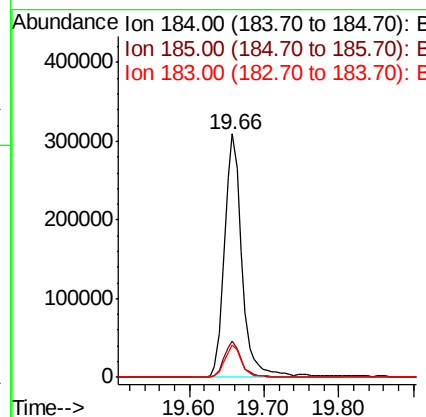
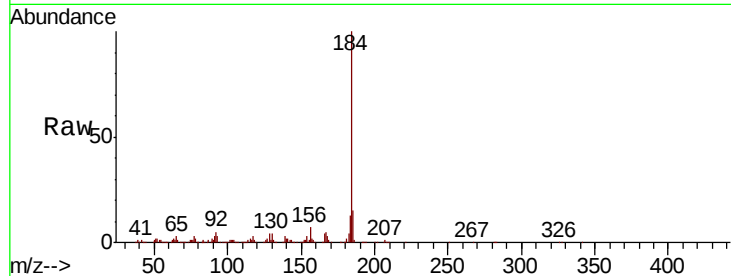
ClientSampleId :

PB123570BS

Tot Ion:	184	Resp:	507924
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.8	17.8
183	13.2	10.1	15.1

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM



#78

Pyrene

Concen: 42.488 ng

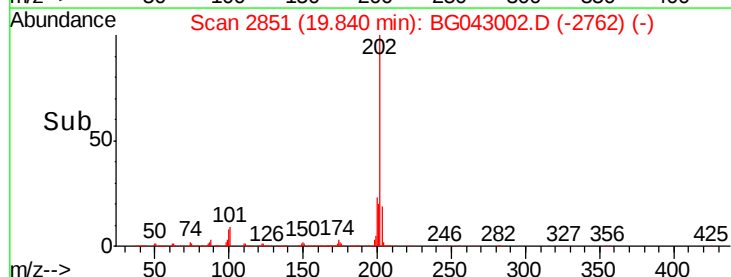
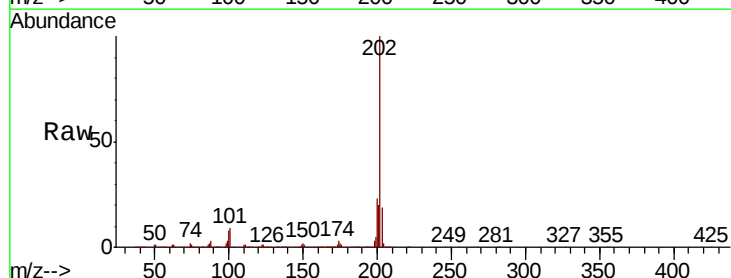
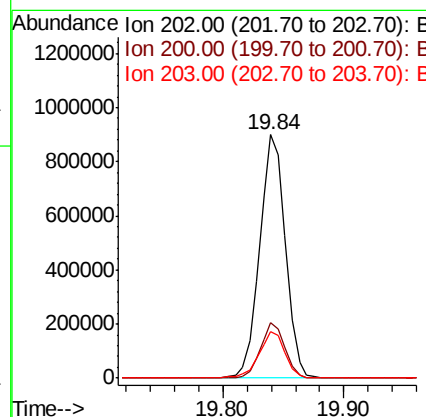
RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Tgt Ion:	202	Resp:	1327205
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.6	26.4
203	19.3	15.2	22.8





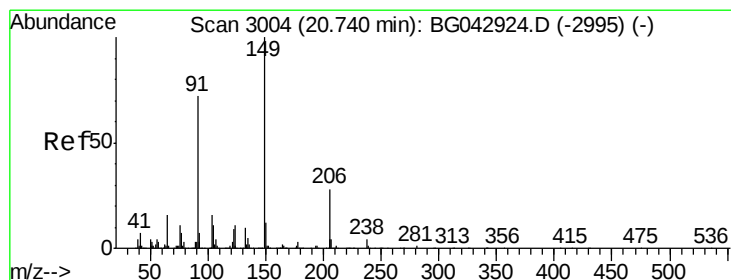
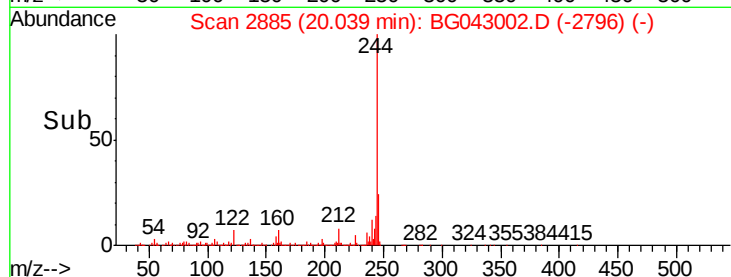
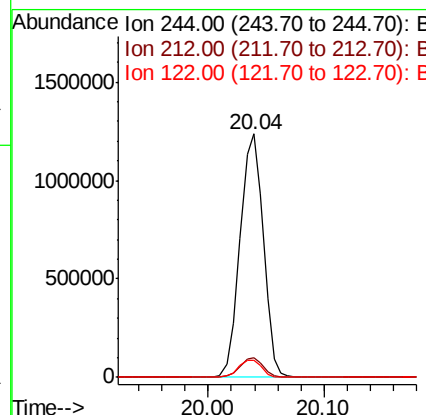
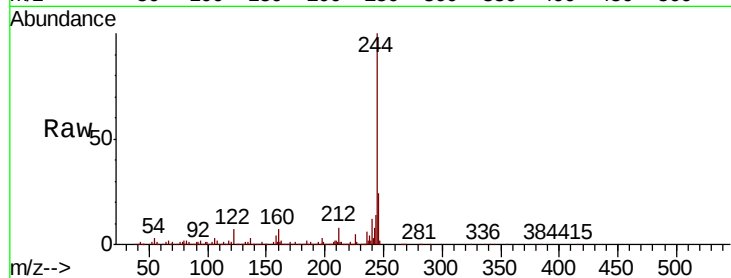
#79
 Terphenyl-d14
 Concen: 70.408 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.0
122	7.2	7.0	10.4

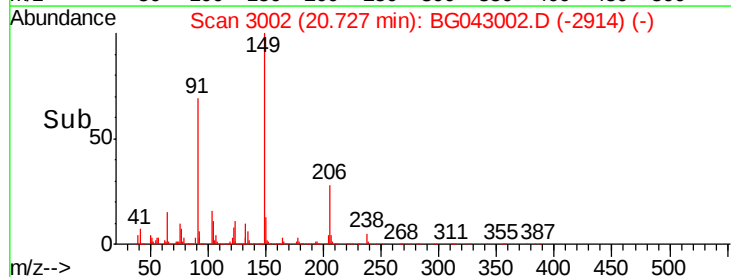
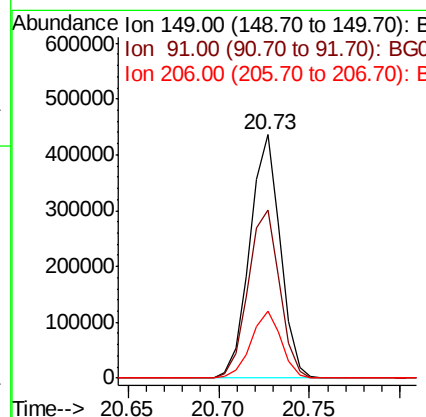
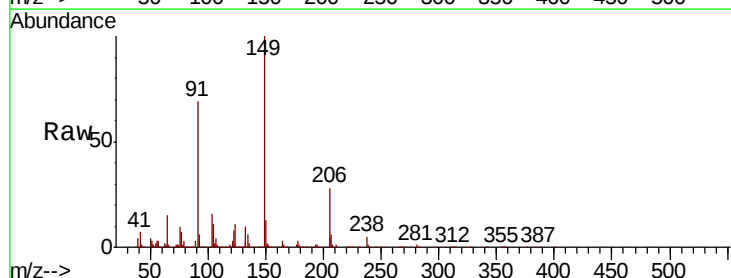
Manual Integrations
 APPROVED

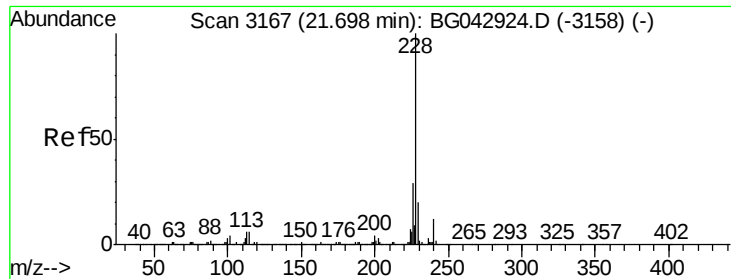
mohammad
 10/4/2019 8:18:13 AM



#80
 Butylbenzylphthalate
 Concen: 42.865 ng
 RT: 20.73 min Scan# 3002
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	57.7	86.5
206	27.7	22.6	33.8





#81

Benzo(a)anthracene

Concen: 42.252 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampled :

PB123570BS

Tot Ion:228 Resp: 1377828

Ion Ratio Lower Upper

228 100

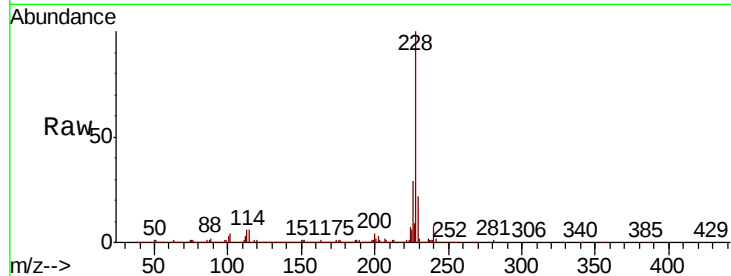
226 28.8 23.0 34.4

229 22.1 16.3 24.5

Manual Integrations
APPROVED

mohammad

10/4/2019 8:18:13 AM

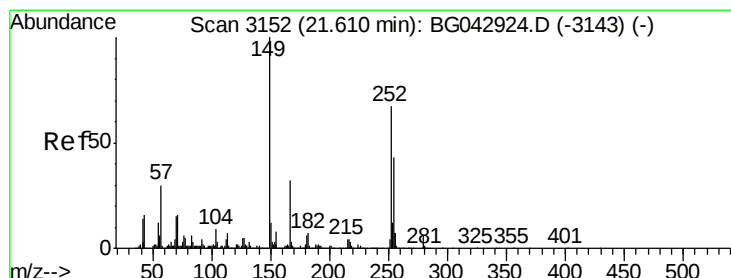
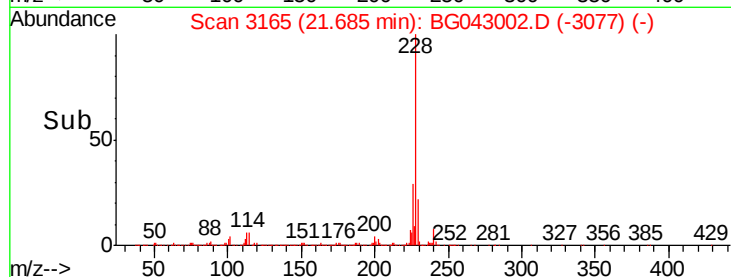
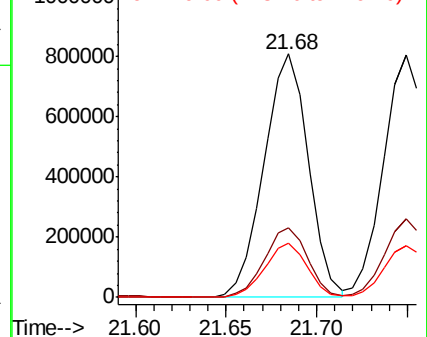


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.077 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

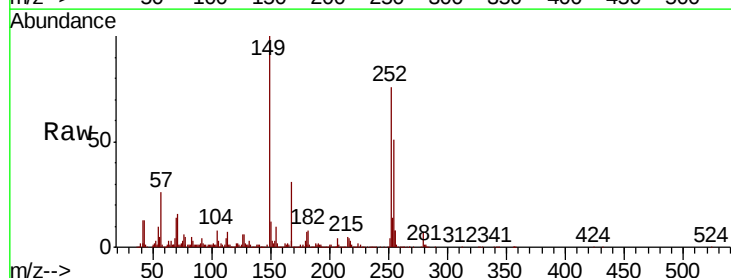
Tgt Ion:252 Resp: 499789

Ion Ratio Lower Upper

252 100

254 67.3 51.9 77.9

126 7.6 6.1 9.1

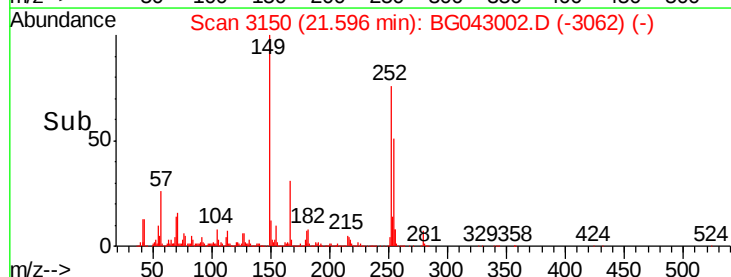
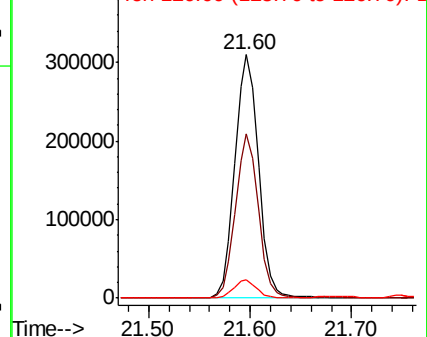


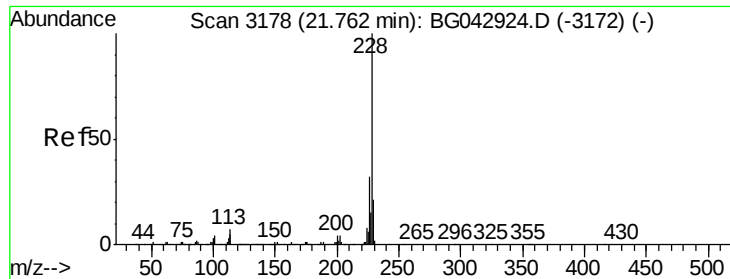
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





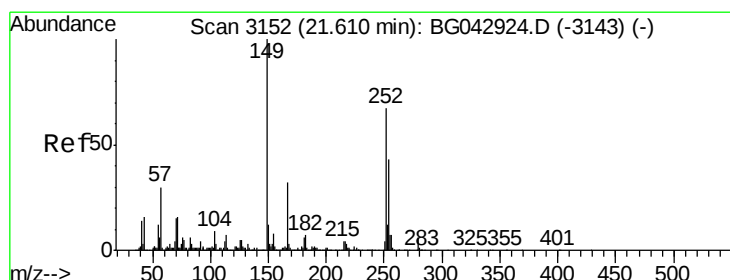
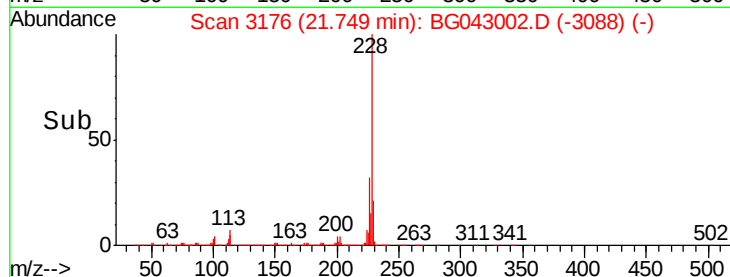
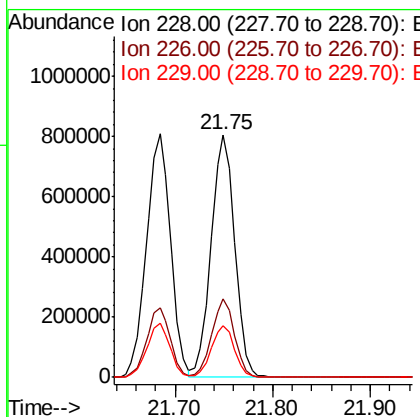
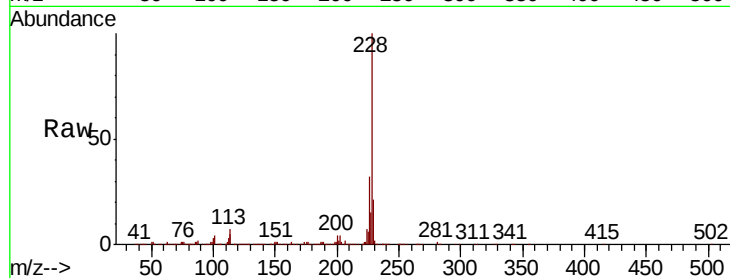
#83
 Chrvsene
 Concen: 42.437 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.6	38.4
229	21.4	16.9	25.3

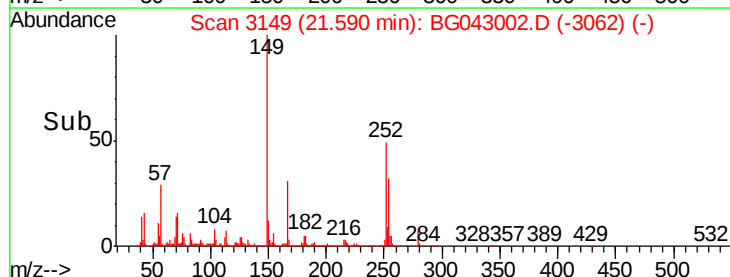
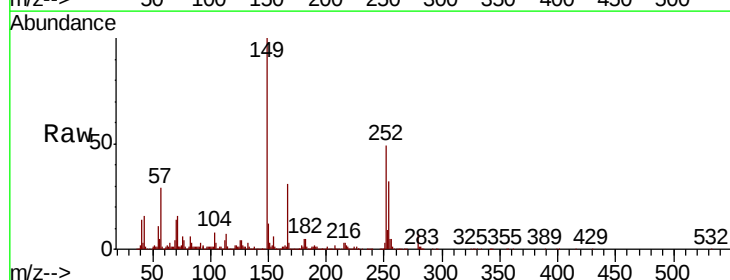
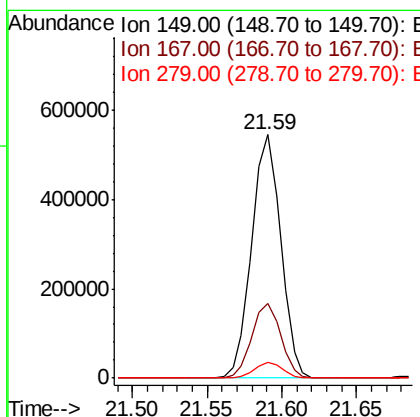
Manual Integrations
 APPROVED

mohammad
 10/4/2019 8:18:13 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.407 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.02 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	25.4	38.2
279	6.5	5.1	7.7





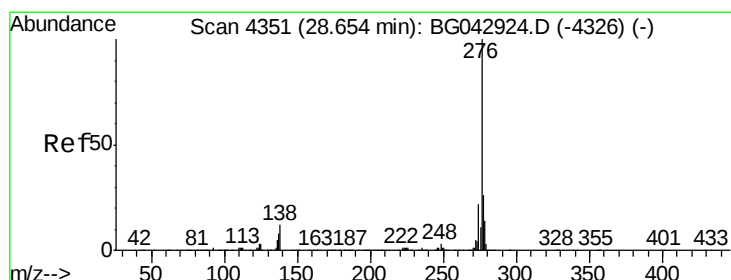
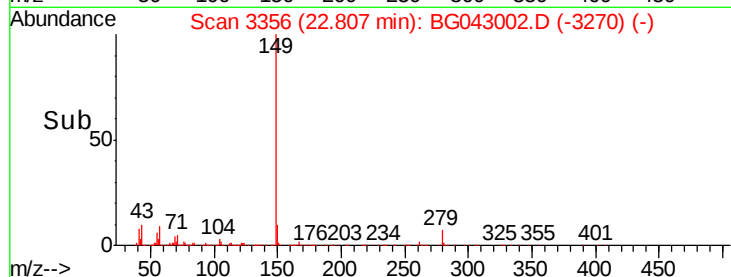
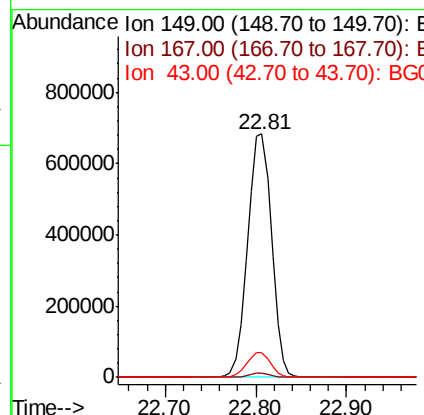
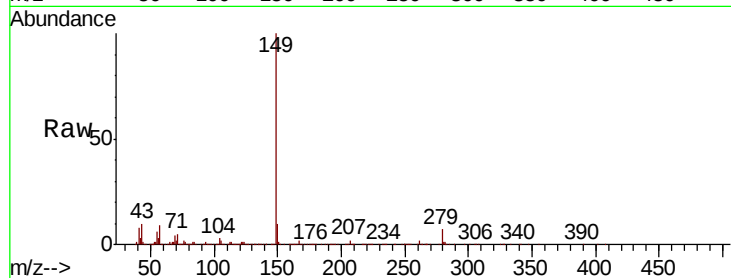
#85
Di-n-octyl phthalate
Concen: 45.300 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.0	8.7	13.1

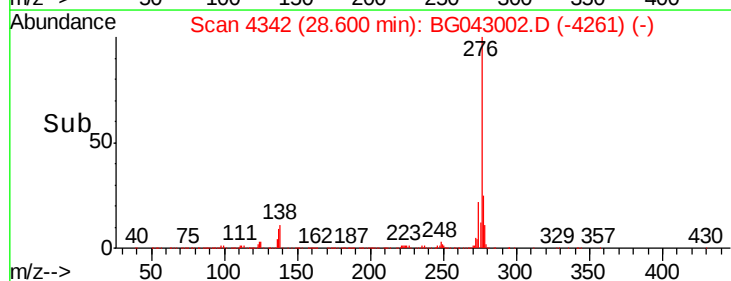
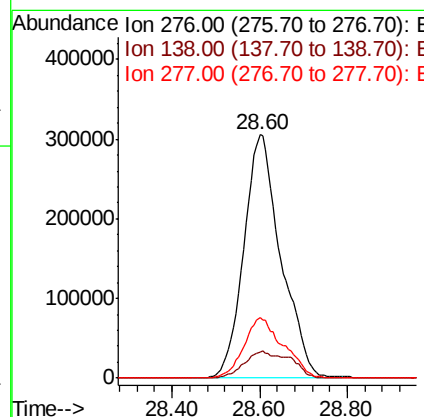
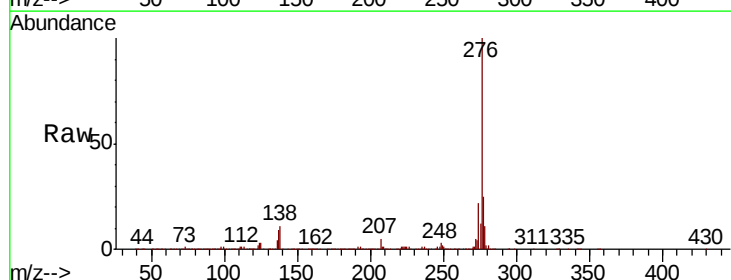
Manual Integrations
APPROVED

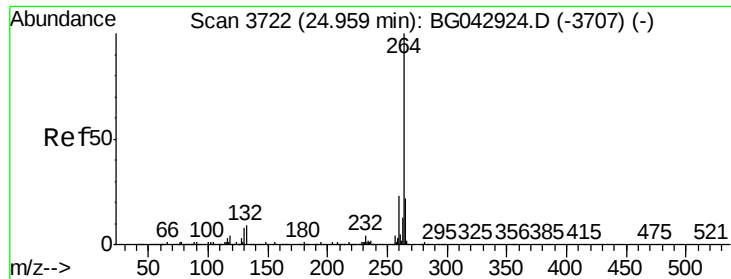
mohammad
10/4/2019 8:18:13 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.451 ng
RT: 28.60 min Scan# 4342
Delta R.T. -0.05 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.7	7.0	10.6
277	26.4	20.9	31.3





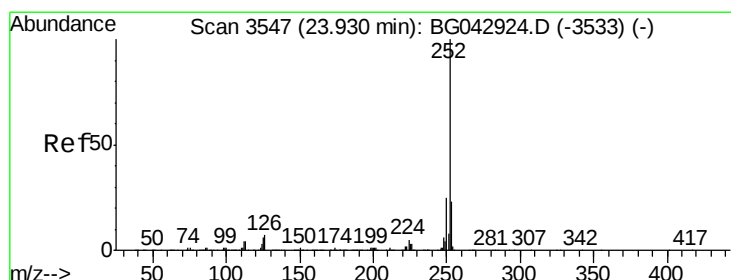
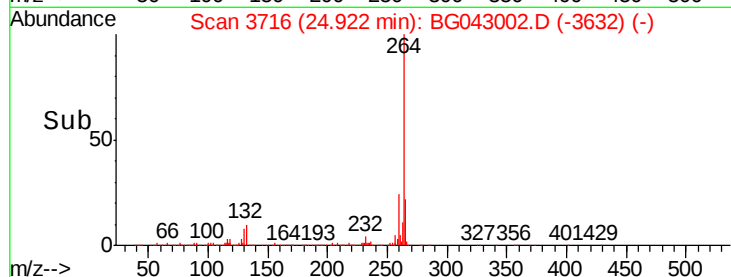
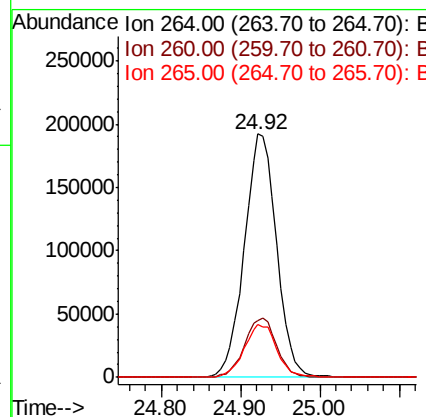
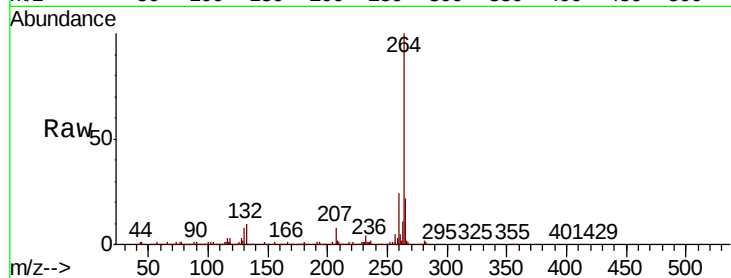
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.04 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	17.7	26.5

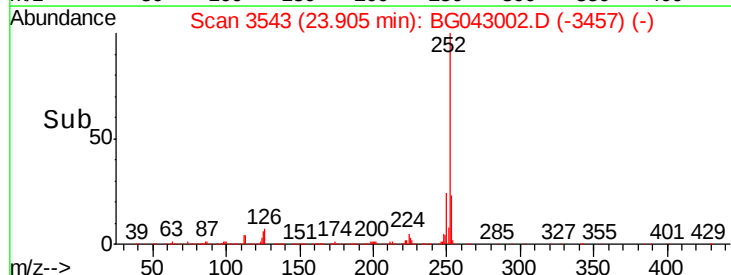
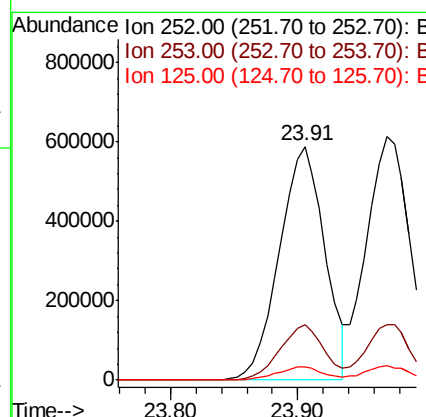
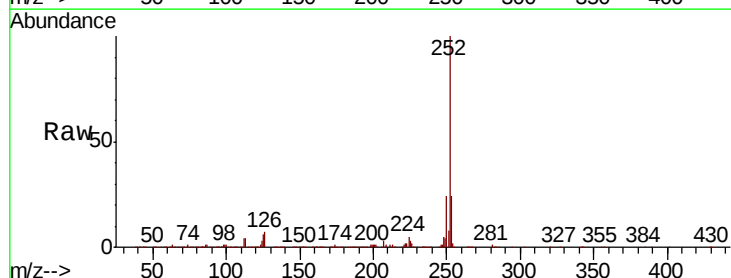
Manual Integrations
APPROVED

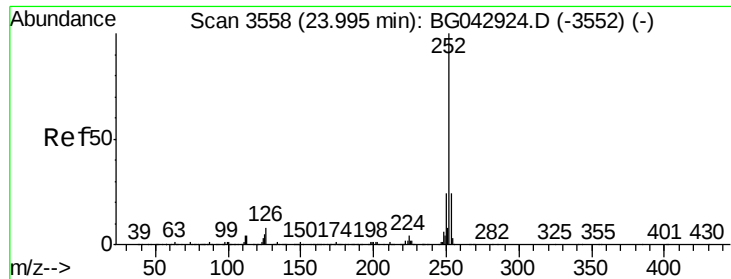
mohammad
10/4/2019 8:18:13 AM



#88
Benzo(b)fluoranthene
Concen: 47.745 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.02 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	5.7	4.6	7.0





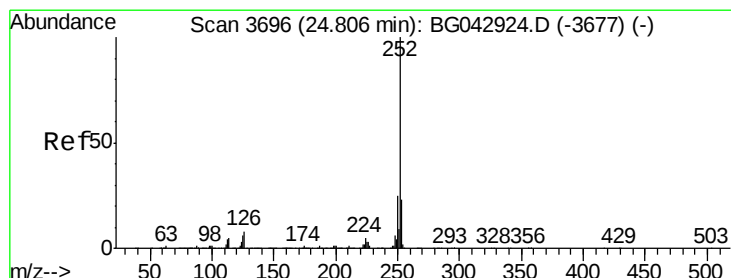
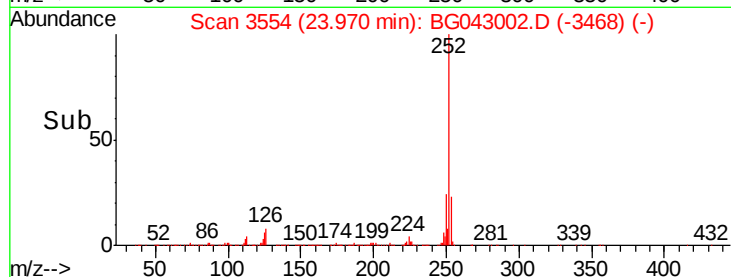
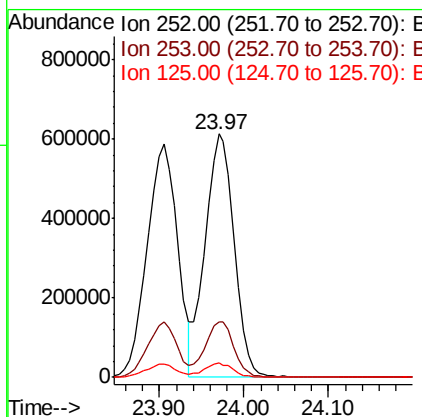
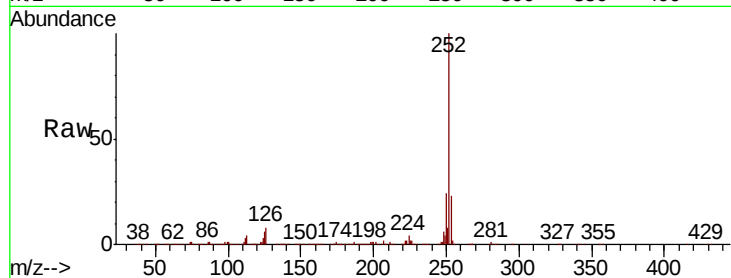
#89
Benzo(k)fluoranthene
Concen: 48.479 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.02 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	6.0	4.5	6.7

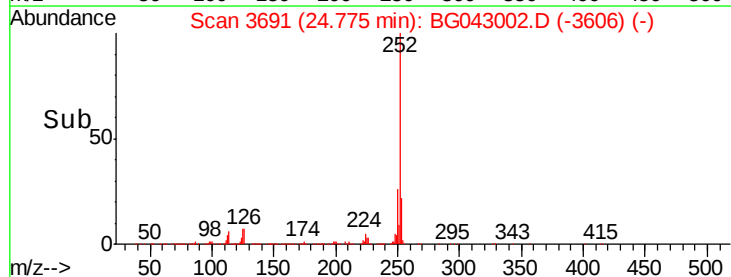
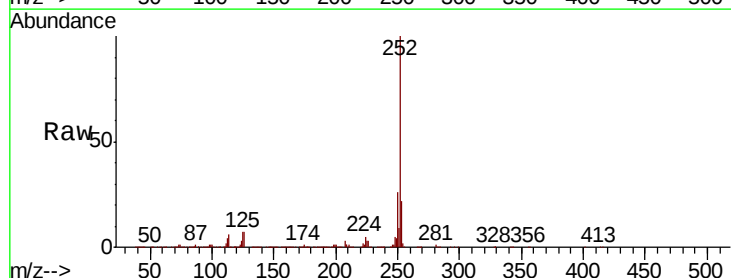
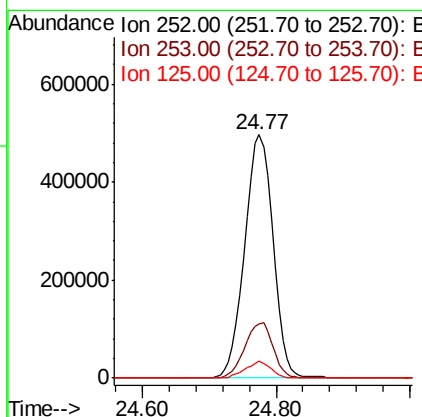
Manual Integrations
APPROVED

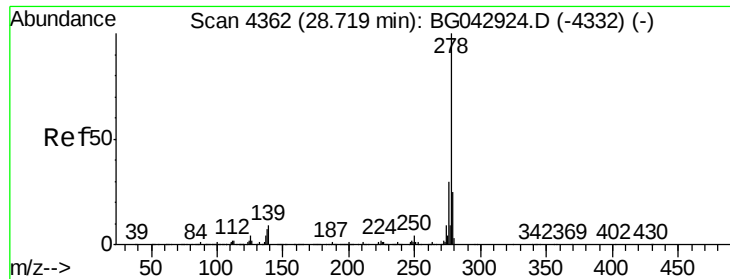
mohammad
10/4/2019 8:18:13 AM



#90
Benzo(a)pyrene
Concen: 50.037 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	6.9	5.0	7.6





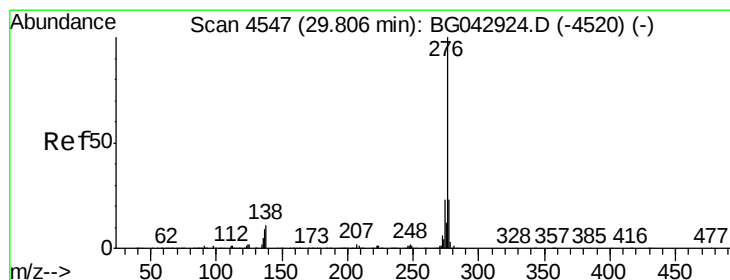
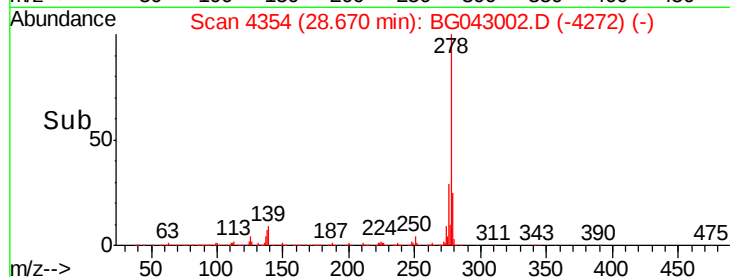
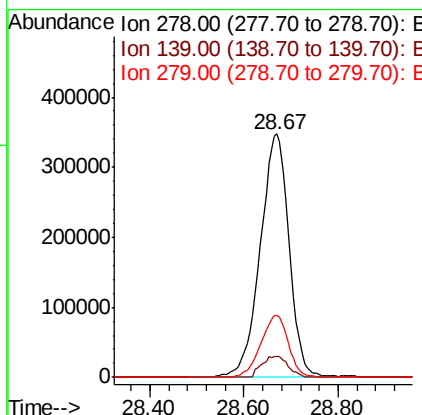
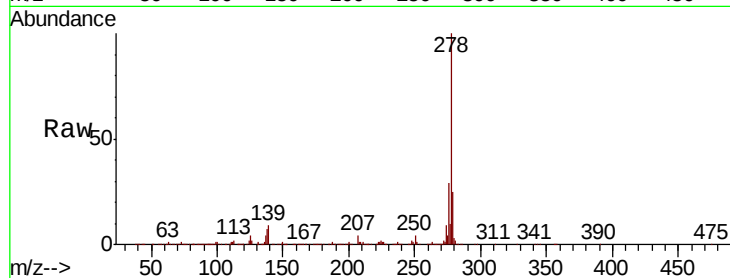
#91
Dibenzo(a,h)anthracene
Concen: 50.052 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.05 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	6.8	10.2
279	25.3	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/4/2019 8:18:13 AM



#92
Benzo(g,h,i)perylene
Concen: 50.809 ng
RT: 29.76 min Scan# 4539
Delta R.T. -0.05 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	11.2	8.6	12.8

