

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043799.D
 Acq On : 11 Dec 2019 17:31
 Operator : JU
 Sample : PB125381BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

Manual Integrations
 APPROVED

mohammad
 12/12/2019 11:33:41 AM

Quant Time: Dec 12 02:34:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	168319	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	822579	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	611875	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	1322574	20.00	ng	0.00
76) Chrysene-d12	21.63	240	1181083	20.00	ng	0.00
87) Perylene-d12	24.78	264	1144814	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1384437	155.84	ng	0.00
7) Phenol-d6	7.16	99	1909088	149.01	ng	0.00
23) Nitrobenzene-d5	9.16	82	979310	66.85	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	781818	134.03	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2168899	62.26	ng	0.00
79) Terphenyl-d14	19.99	244	3039764	61.92	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.48	88	139618	33.939 ng	99
3) Pyridine	3.87	79	353133	31.064 ng	99
4) n-Nitrosodimethylamine	3.79	42	244134	44.791 ng	98
6) Aniline	7.32	93	708401	41.788 ng	99
8) 2-Chlorophenol	7.57	128	569131	54.975 ng	95
9) Benzaldehyde	7.13	77	197149	24.619 ng	92
10) Phenol	7.19	94	736009	55.644 ng	100
11) bis(2-Chloroethyl)ether	7.42	93	541246	48.224 ng	98
12) 1,3-Dichlorobenzene	7.89	146	524181	42.251 ng	99
13) 1,4-Dichlorobenzene	8.03	146	532476	42.938 ng	98
14) 1,2-Dichlorobenzene	8.36	146	523152	43.785 ng	99
15) Benzyl Alcohol	8.23	79	540373	53.000 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	812763	45.184 ng	99
17) 2-Methylphenol	8.44	107	530410	56.176 ng	99
18) Hexachloroethane	9.09	117	196669	43.644 ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	467511	47.731 ng	99
20) 3+4-Methylphenols	8.77	107	735448	55.939 ng	98
22) Acetophenone	8.82	105	822412	40.089 ng	98
24) Nitrobenzene	9.20	77	637065	42.691 ng	98
25) Isophorone	9.73	82	1269095	43.374 ng	99
26) 2-Nitrophenol	9.91	139	285569	48.779 ng	98
27) 2,4-Dimethylphenol	9.97	122	589994	57.063 ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	776944	41.484 ng	98
29) 2,4-Dichlorophenol	10.45	162	624196	49.161 ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	599580	39.892 ng	98
31) Naphthalene	10.85	128	1641528	41.589 ng	98
32) Benzoic acid	10.13	122	385559	51.657 ng	98
33) 4-Chloroaniline	10.95	127	578828	30.247 ng	99
34) Hexachlorobutadiene	11.15	225	348295	38.245 ng	98
35) Caprolactam	11.73	113	246913m	49.552 ng	
36) 4-Chloro-3-methylphenol	12.08	107	668608	48.914 ng	99
37) 2-Methylnaphthalene	12.46	142	1310615	42.841 ng	98
38) 1-Methylnaphthalene	12.68	142	1254152	43.112 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	695875	37.847 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043799.D
 Acq On : 11 Dec 2019 17:31
 Operator : JU
 Sample : PB125381BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

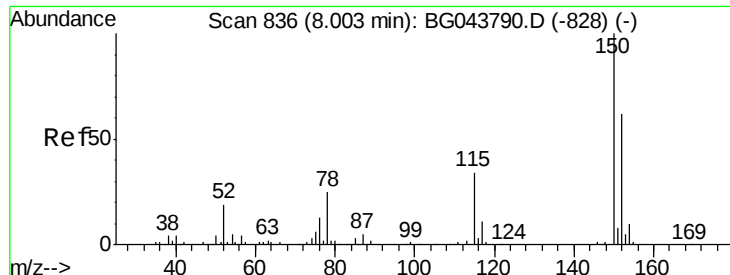
Manual Integrations
 APPROVED

mohammad
 12/12/2019 11:33:41 AM

Quant Time: Dec 12 02:34:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	675405	78.263	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	533246	45.630	ng	100
44) 2,4,5-Trichlorophenol	13.13	196	580848	47.442	ng	99
46) 1,1'-Biphenyl	13.46	154	1647147	39.047	ng	97
47) 2-Chloronaphthalene	13.50	162	1325083	38.424	ng	96
48) 2-Nitroaniline	13.70	65	456406	44.876	ng	96
49) Acenaphthylene	14.35	152	2080688	40.503	ng	94
50) Dimethylphthalate	14.09	163	1764121	40.394	ng	97
51) 2,6-Dinitrotoluene	14.20	165	436004	46.327	ng	98
52) Acenaphthene	14.70	154	1494531	44.224	ng	98
53) 3-Nitroaniline	14.52	138	381910	35.460	ng	97
54) 2,4-Dinitrophenol	14.73	184	373292	91.435	ng	91
55) Dibenzofuran	15.03	168	2007061	40.121	ng	95
56) 4-Nitrophenol	14.83	139	786645	100.116	ng	99
57) 2,4-Dinitrotoluene	14.99	165	602179	47.352	ng	96
58) Fluorene	15.68	166	1638604	40.638	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	529887m	48.236	ng	
60) Diethylphthalate	15.46	149	1786186	40.946	ng	97
61) 4-Chlorophenyl-phenylether	15.67	204	915466	40.540	ng	97
62) 4-Nitroaniline	15.69	138	461650	41.369	ng	99
63) Azobenzene	15.97	77	1654406	41.282	ng	94
65) 4,6-Dinitro-2-methylphenol	15.75	198	276833	53.015	ng	98
66) n-Nitrosodiphenylamine	15.88	169	1568109	42.659	ng	96
67) 4-Bromophenyl-phenylether	16.57	248	594860	42.069	ng	97
68) Hexachlorobenzene	16.68	284	618747	41.258	ng	96
69) Atrazine	16.84	200	618104	52.745	ng	99
70) Pentachlorophenol	17.02	266	822640	103.120	ng	97
71) Phenanthrene	17.42	178	2528862	40.390	ng	92
72) Anthracene	17.51	178	2568617	41.444	ng	# 90
73) Carbazole	17.77	167	2428100	41.910	ng	# 92
74) Di-n-butylphthalate	18.35	149	2678946	40.335	ng	# 91
75) Fluoranthene	19.42	202	2908834	40.593	ng	88
77) Benzidine	19.59	184	928846	36.048	ng	98
78) Pyrene	19.78	202	2920383	37.836	ng	# 87
80) Butylbenzylphthalate	20.68	149	1393228	43.340	ng	97
81) Benzo(a)anthracene	21.61	228	2923525	39.219	ng	90
82) 3,3'-Dichlorobenzidine	21.52	252	1163329	42.246	ng	97
83) Chrysene	21.61	228	2923525	41.165	ng	95
84) Bis(2-ethylhexyl)phthalate	21.54	149	1896548	41.132	ng	# 94
85) Di-n-octyl phthalate	22.74	149	3235023	42.916	ng	96
86) Indeno(1,2,3-cd)pyrene	28.38	276	3867005	42.541	ng	98
88) Benzo(b)fluoranthene	23.79	252	3162848	47.985	ng	96
89) Benzo(k)fluoranthene	23.86	252	3044082	47.808	ng	94
90) Benzo(a)pyrene	24.64	252	2957485	47.082	ng	97
91) Dibenzo(a,h)anthracene	28.45	278	3165859	50.458	ng	97
92) Benzo(g,h,i)perylene	29.50	276	3203110	51.734	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

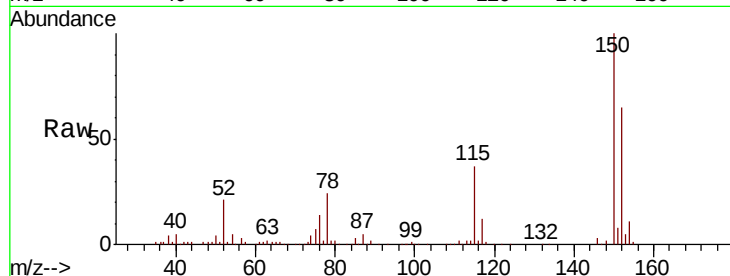
ClientSampleId :

PB125381BS

Tot Ion:	152	Resp:	168319
Ion Ratio	Lower	Upper	
152	100		
150	153.8	128.6	192.8
115	56.3	44.3	66.5

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM

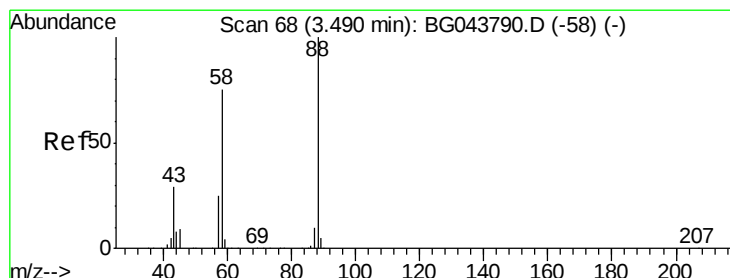
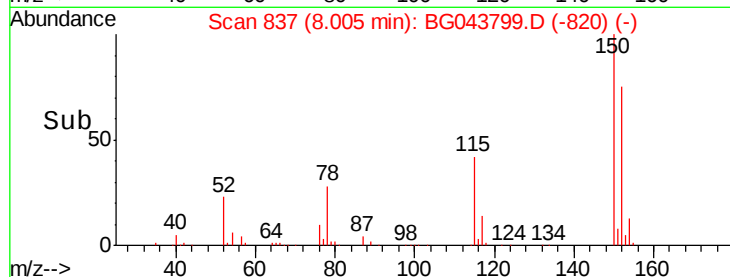
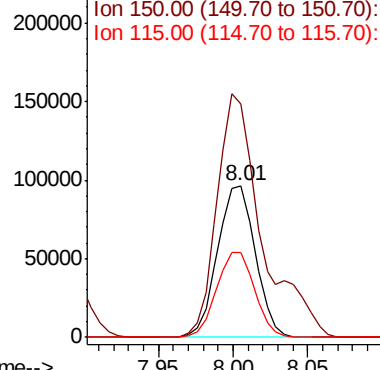


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.939 ng

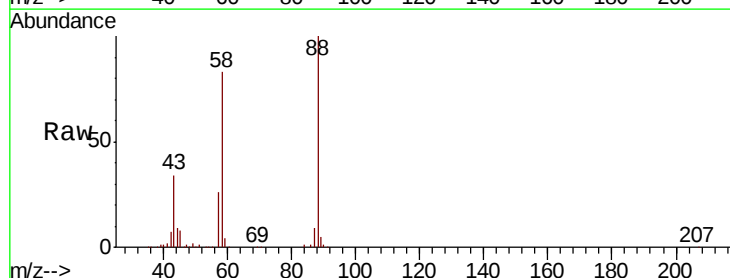
RT: 3.48 min Scan# 67

Delta R.T. -0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Tgt Ion:	88	Resp:	139618
Ion Ratio	Lower	Upper	
88	100		
58	77.7	62.2	93.4
43	28.3	24.3	36.5

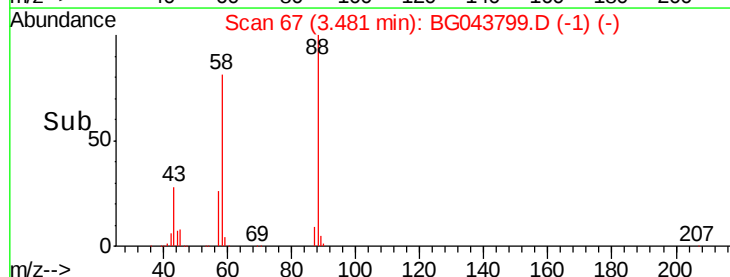
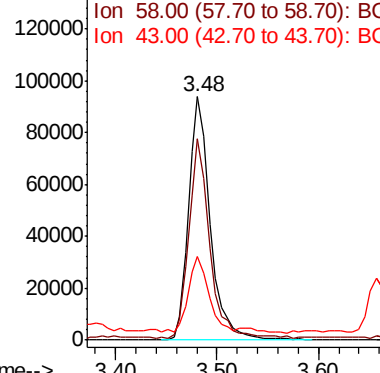


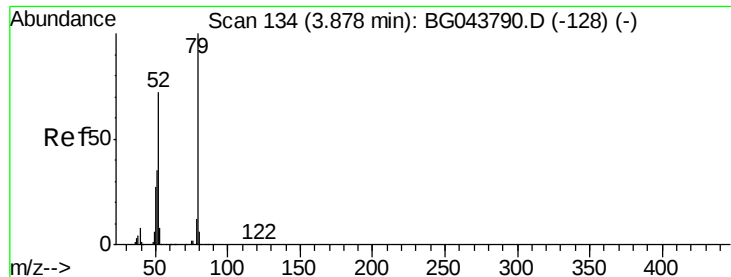
Abundance

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: 31.064 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

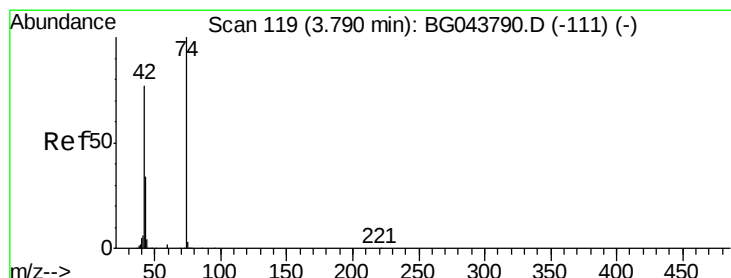
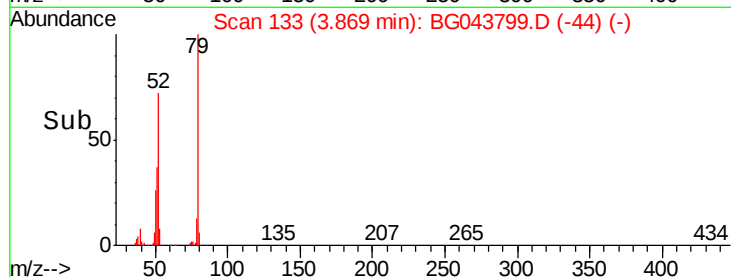
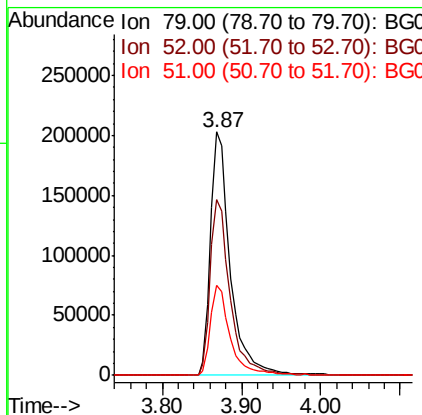
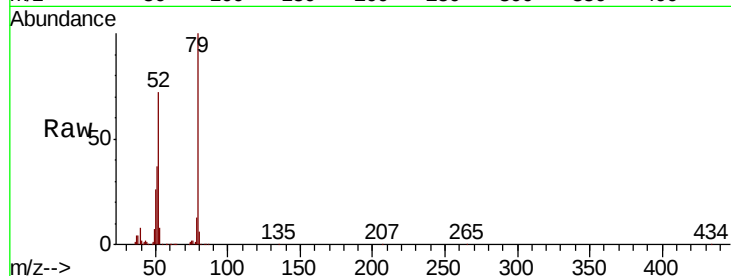
ClientSampleId :

PB125381BS

Tot Ion:	79	Resp:	353133
Ion Ratio	Lower	Upper	
79	100		
52	72.4	57.6	86.4
51	36.9	27.8	41.8

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM



#4

n-Nitrosodimethylamine

Concen: 44.791 ng

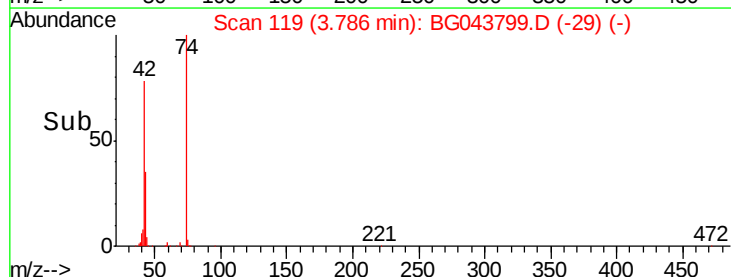
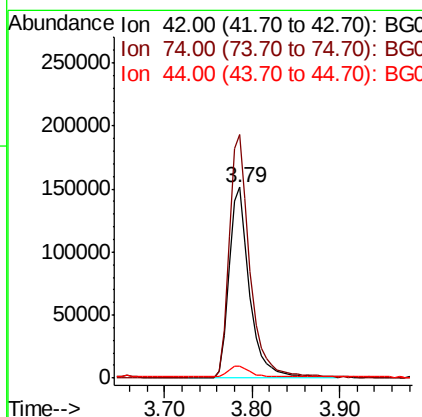
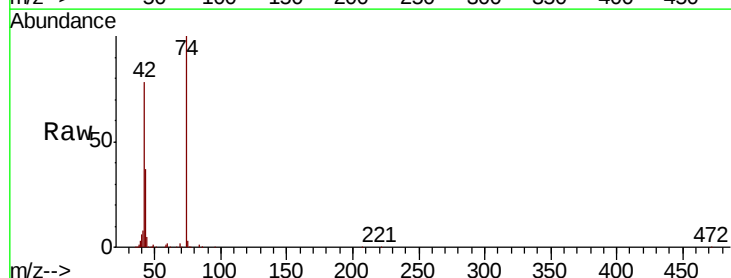
RT: 3.79 min Scan# 119

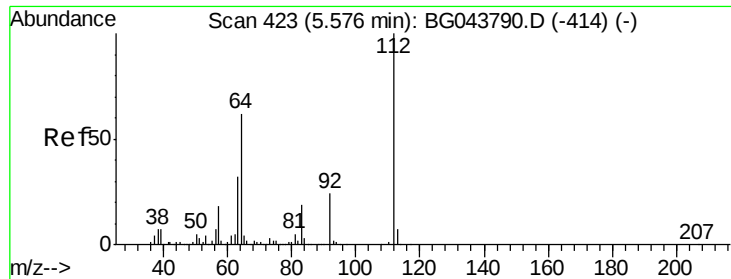
Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Tgt Ion:	42	Resp:	244134
Ion Ratio	Lower	Upper	
42	100		
74	127.7	104.2	156.4
44	6.3	5.6	8.4





#5

2-Fluorophenol

Concen: 155.843 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

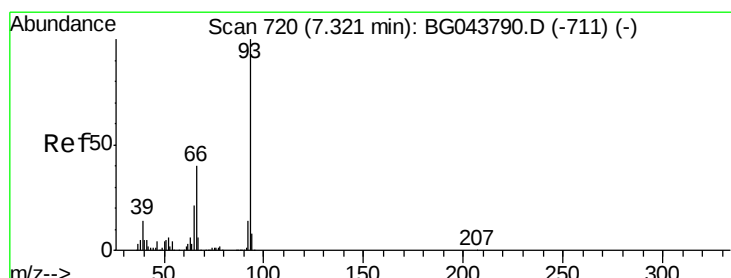
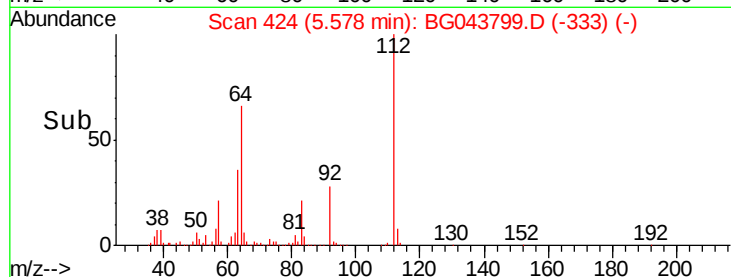
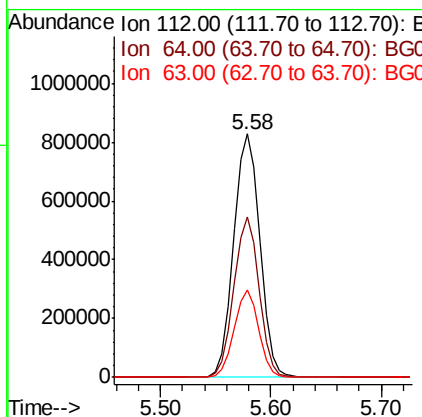
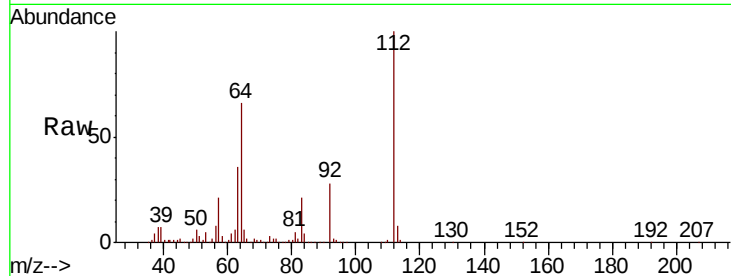
ClientSampleId :

PB125381BS

Tot Ion:	112	Resp:	1384437
Ion	Ratio	Lower	Upper
112	100		
64	65.9	49.9	74.9
63	35.7	26.0	39.0

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM



#6

Aniline

Concen: 41.788 ng

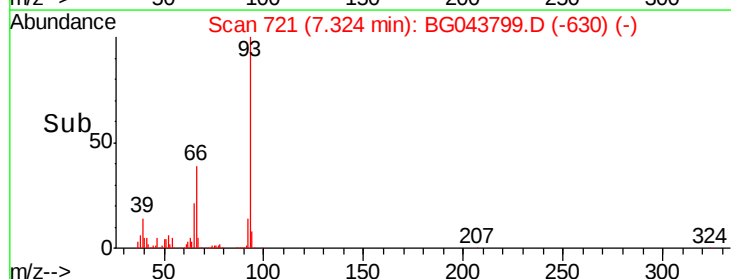
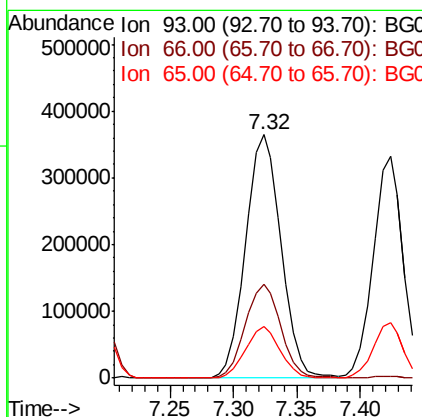
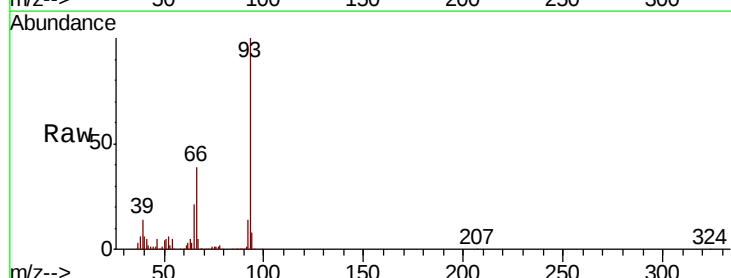
RT: 7.32 min Scan# 721

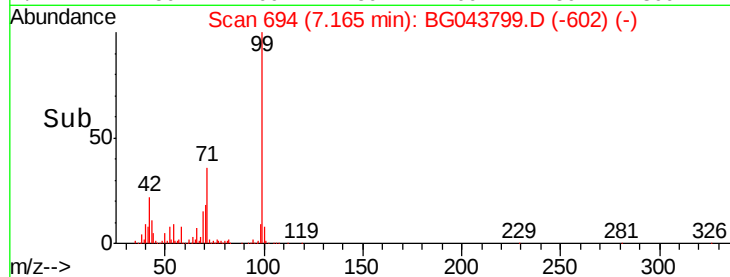
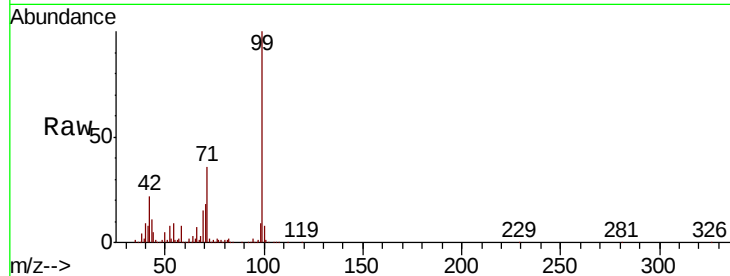
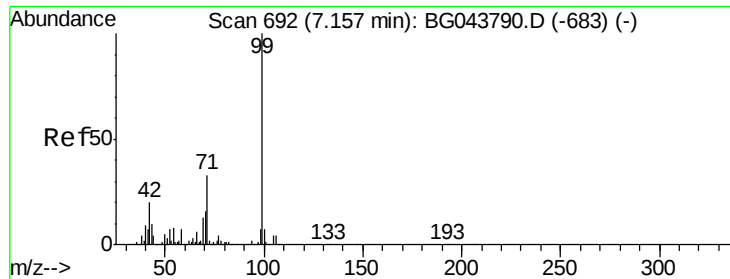
Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Tgt Ion:	93	Resp:	708401
Ion	Ratio	Lower	Upper
93	100		
66	38.7	31.9	47.9
65	21.1	16.8	25.2





#7

Phenol-d6

Concen: 149.011 ng

RT: 7.16 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Tot Ion: 99 Resp: 1909088

Ion Ratio Lower Upper

99 100

42 21.8 16.2 24.2

71 36.2 26.6 40.0

Instrument :

BNA_G

ClientSampleId :

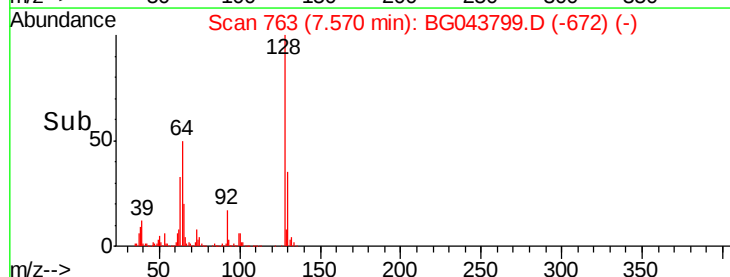
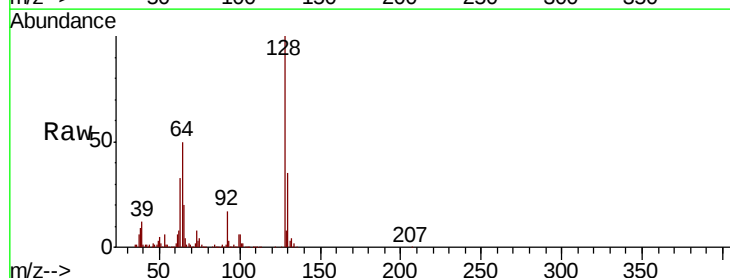
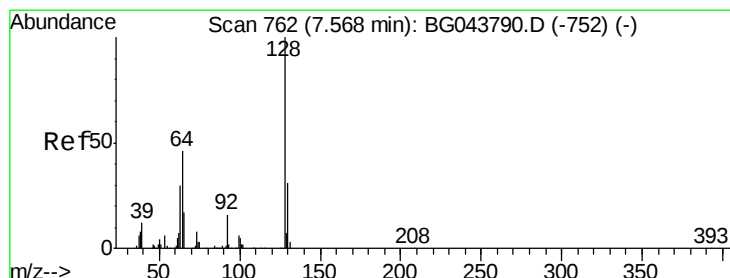
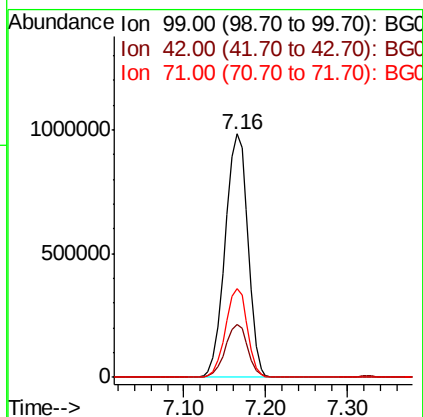
PB125381BS

Manual Integrations

APPROVED

mohammad

12/12/2019 11:33:41 AM



#8

2-Chlorophenol

Concen: 54.975 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

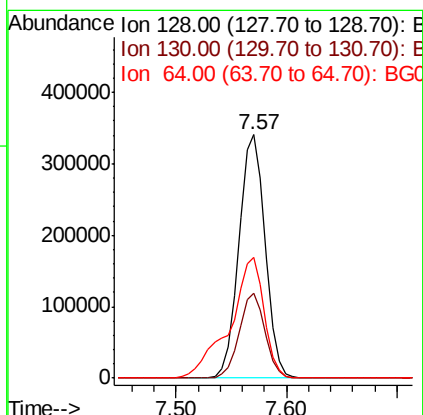
Tgt Ion:128 Resp: 569131

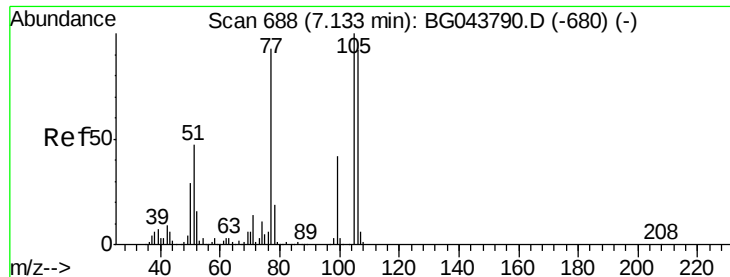
Ion Ratio Lower Upper

128 100

130 34.6 11.1 51.1

64 49.7 26.5 66.5





#9

Benzaldehyde

Concen: 24.619 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

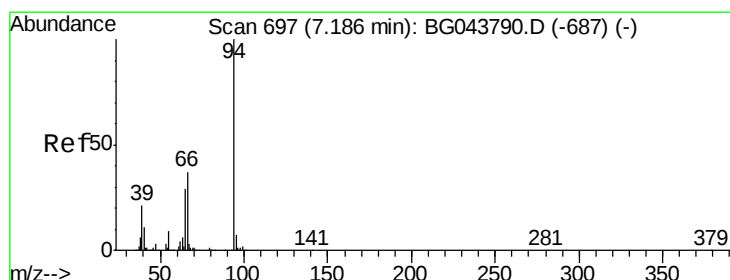
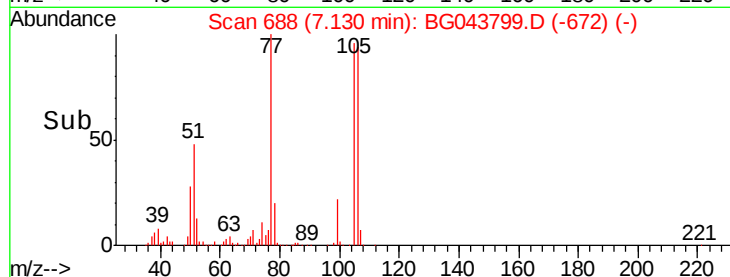
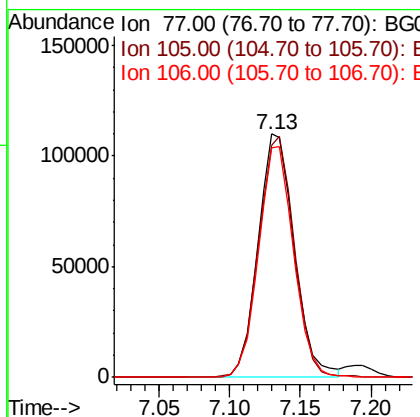
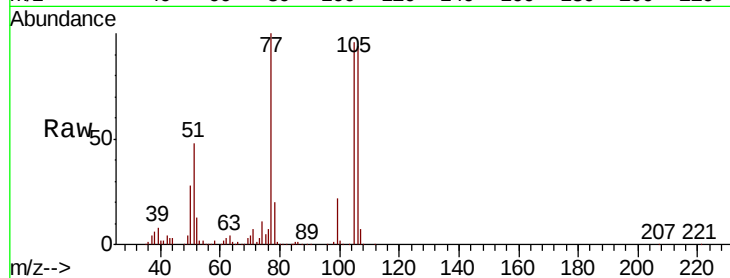
ClientSampleId :

PB125381BS

Tot Ion:	77	Resp:	197149
Ion	Ratio	Lower	Upper
77	100		
105	95.5	87.1	127.1
106	94.0	78.2	118.2

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM



#10

Phenol

Concen: 55.644 ng

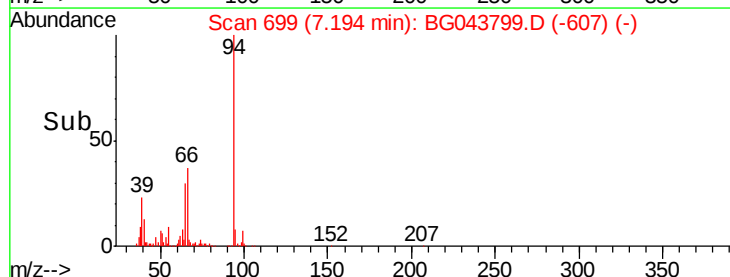
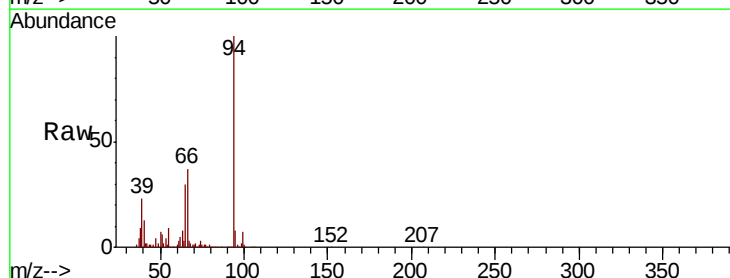
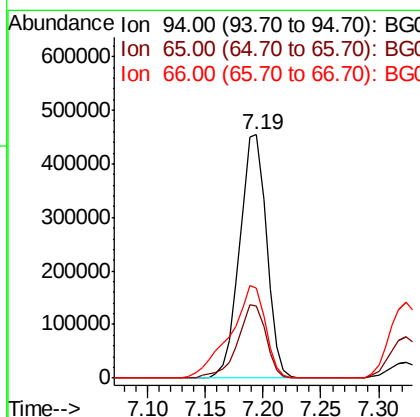
RT: 7.19 min Scan# 699

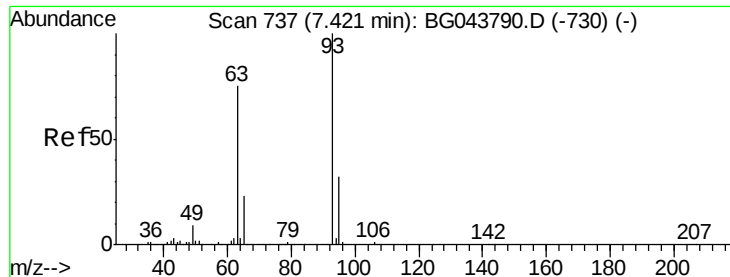
Delta R.T. 0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Tgt Ion:	94	Resp:	736009
Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.5	49.5
66	36.7	16.8	56.8





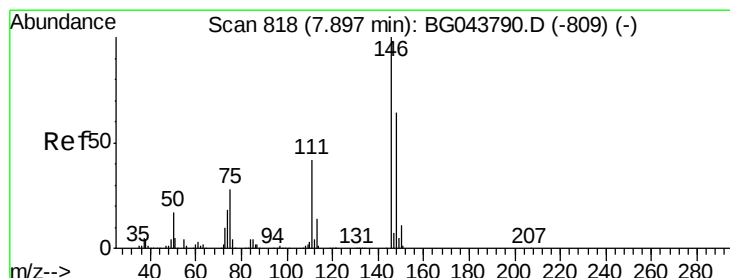
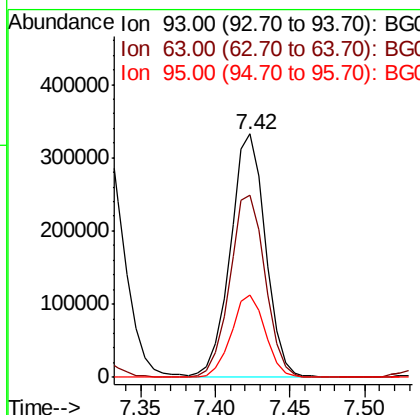
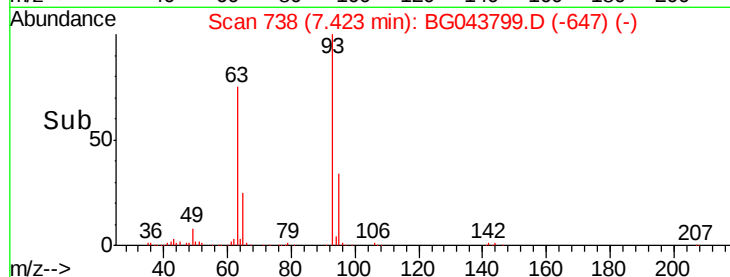
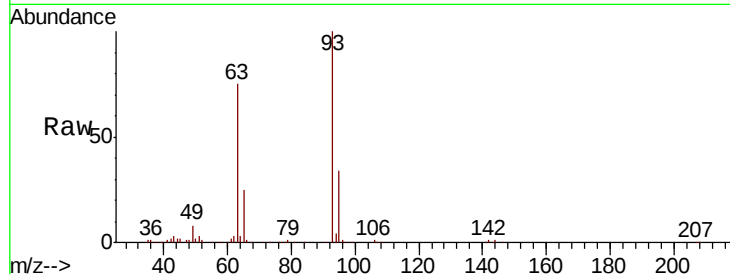
#11
bis(2-Chloroethyl)ether
Concen: 48.224 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.1	54.7	94.7	
95	33.7	11.3	51.3	

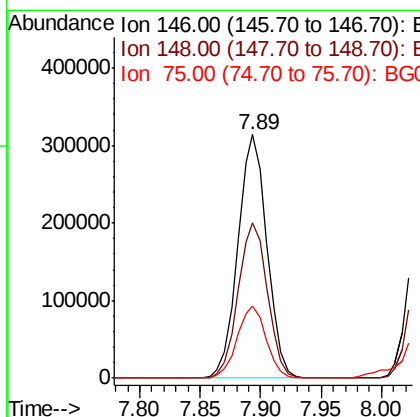
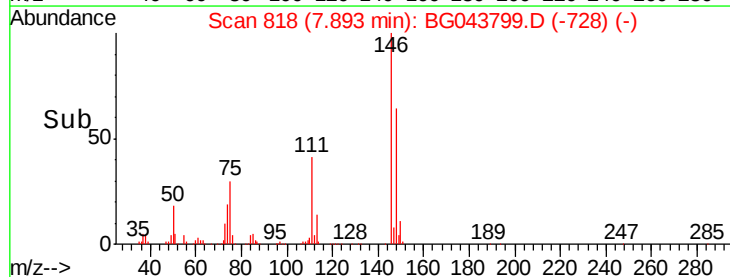
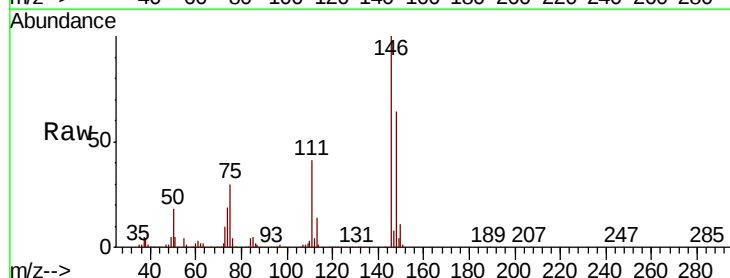
Manual Integrations
APPROVED

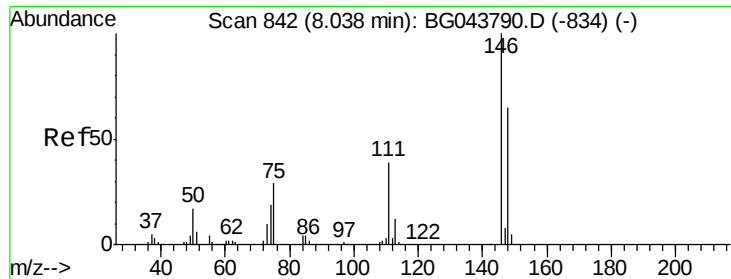
mohammad
12/12/2019 11:33:41 AM



#12
1,3-Dichlorobenzene
Concen: 42.251 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.0	51.4	77.2	
75	29.7	22.4	33.6	





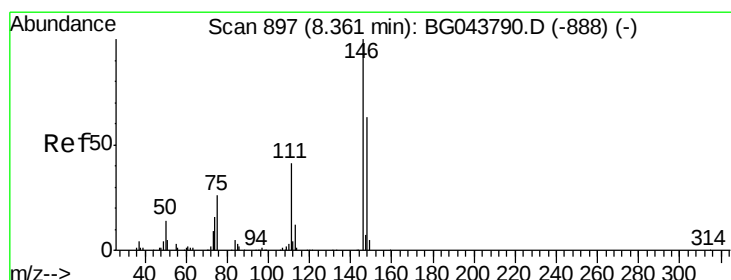
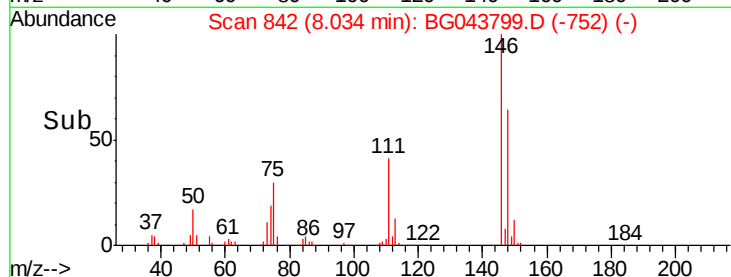
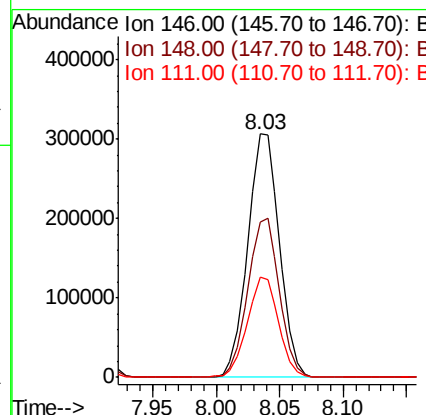
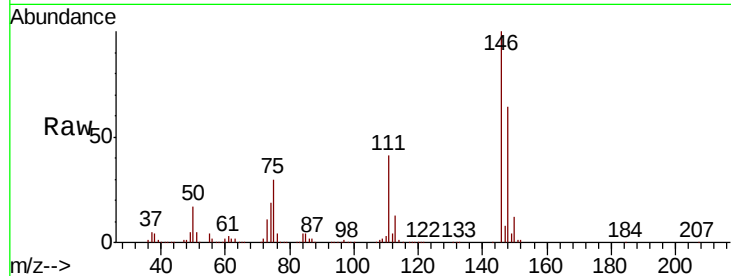
#13
1,4-Dichlorobenzene
Concen: 42.938 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
111	41.0	31.4	47.2

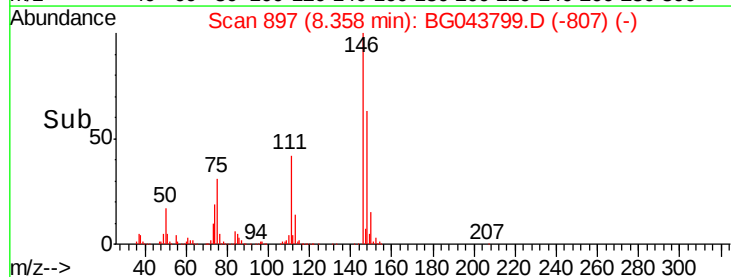
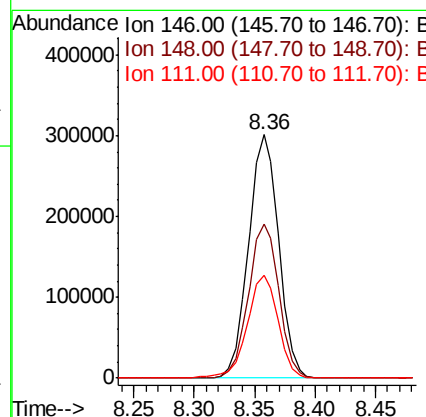
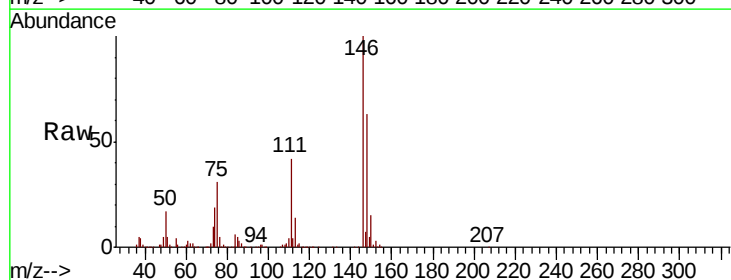
Manual Integrations
APPROVED

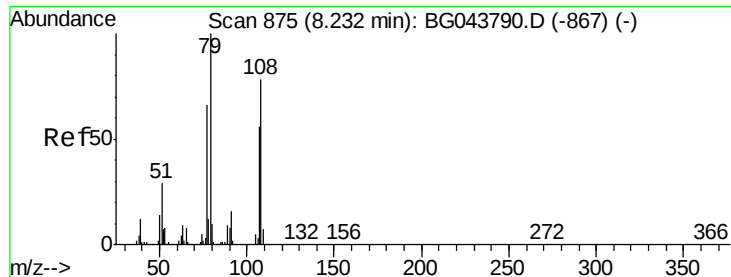
mohammad
12/12/2019 11:33:41 AM



#14
1,2-Dichlorobenzene
Concen: 43.785 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.2	75.2
111	42.3	33.4	50.2





#15

Benzyl Alcohol

Concen: 53.000 ng

RT: 8.23 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

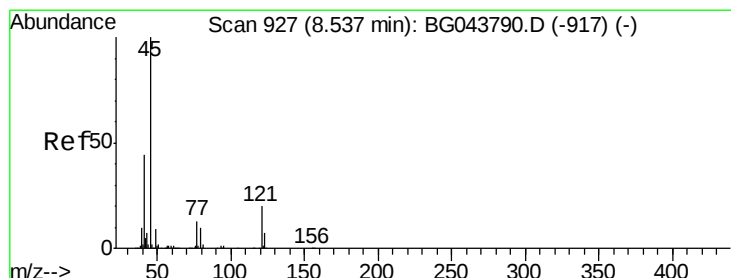
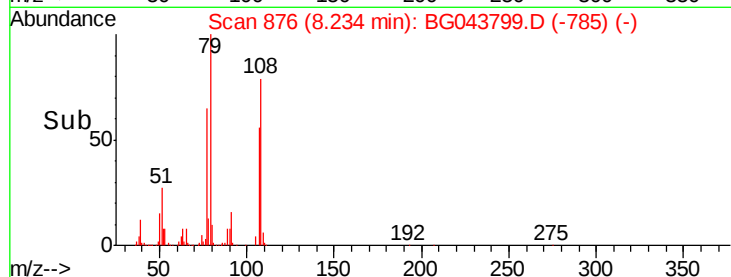
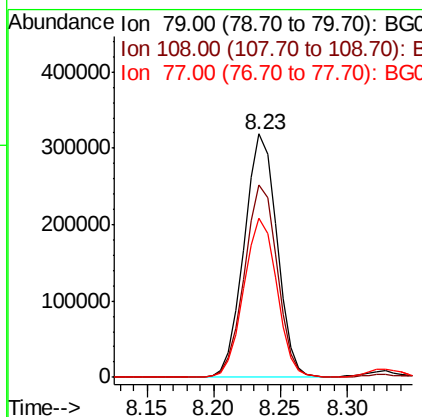
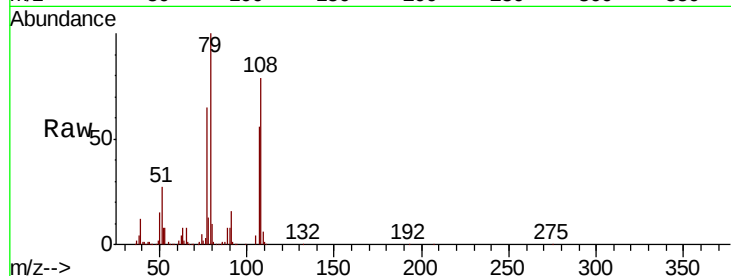
ClientSampleId :

PB125381BS

Tot Ion:	79	Resp:	540373
Ion Ratio	Lower	Upper	
79	100		
108	79.1	62.2	93.2
77	65.2	52.8	79.2

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.184 ng

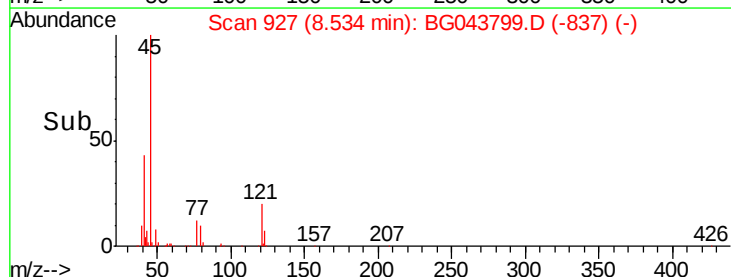
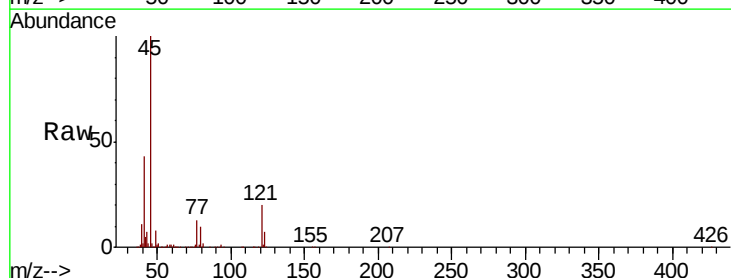
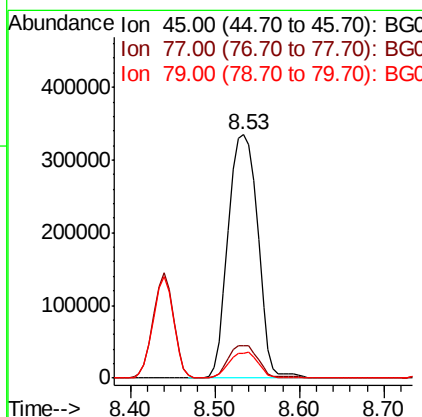
RT: 8.53 min Scan# 927

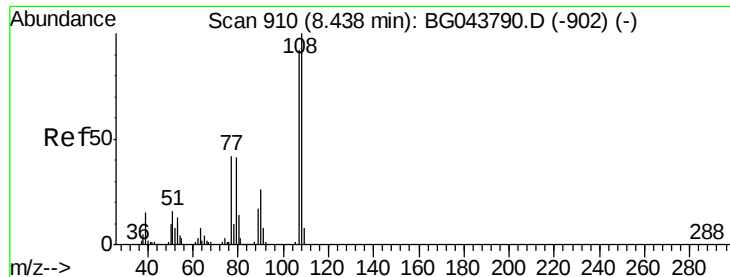
Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Tgt Ion:	45	Resp:	812763
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	33.6
79	10.3	0.0	29.9





#17

2-Methylphenol

Concen: 56.176 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

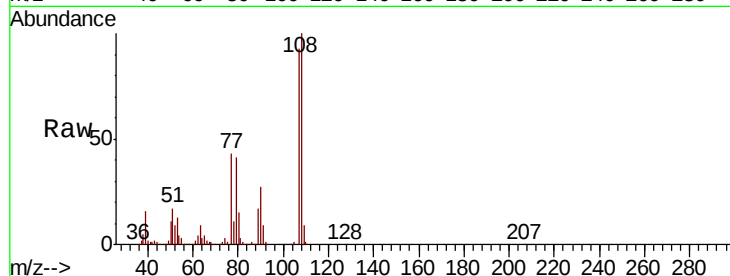
ClientSampleId :

PB125381BS

Tot Ion:	107	Resp:	530410
Ion Ratio	Lower	Upper	
107	100		
108	108.0	87.2	130.8
77	45.9	36.6	54.8
79	44.6	35.5	53.3

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM



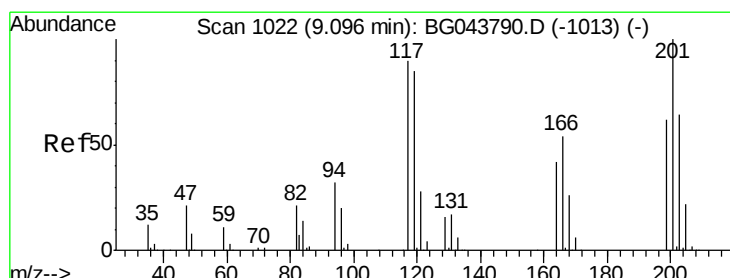
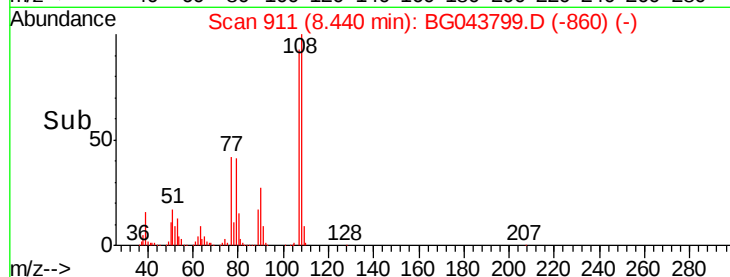
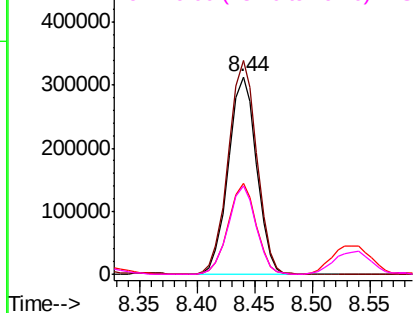
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.644 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

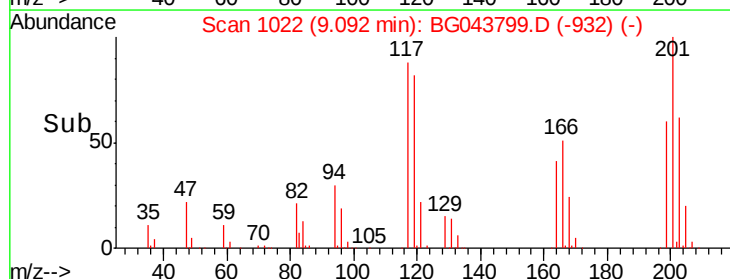
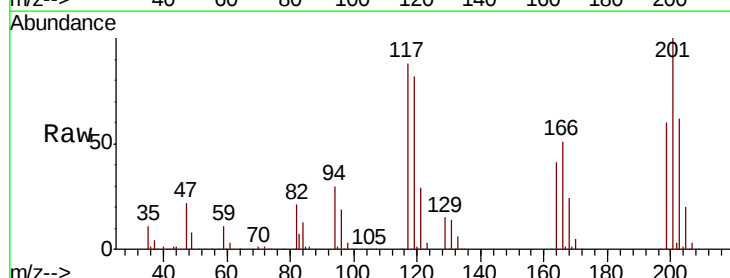
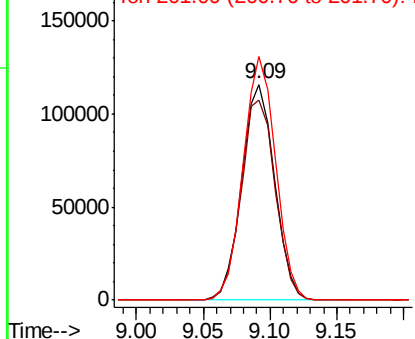
Tgt Ion:	117	Resp:	196669
Ion Ratio	Lower	Upper	
117	100		
119	94.0	75.6	113.4
201	113.0	88.6	133.0

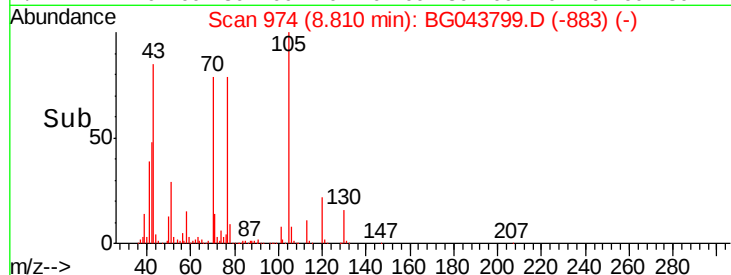
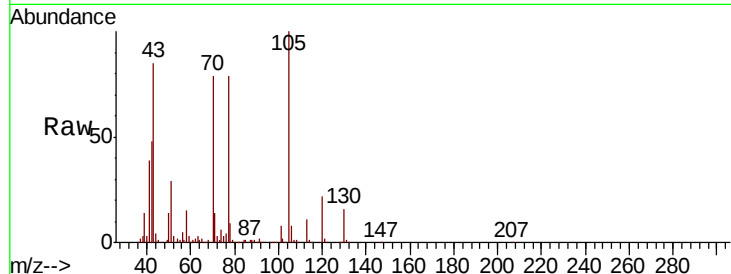
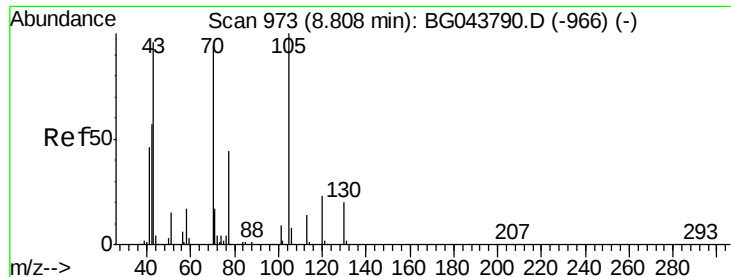
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





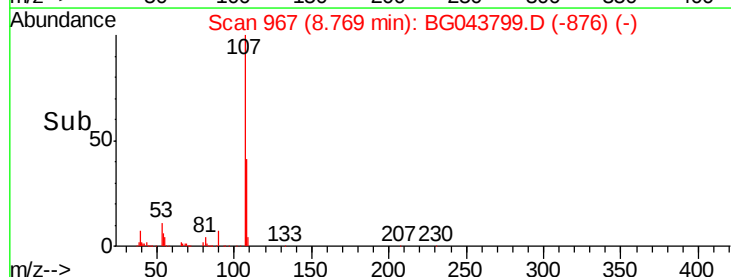
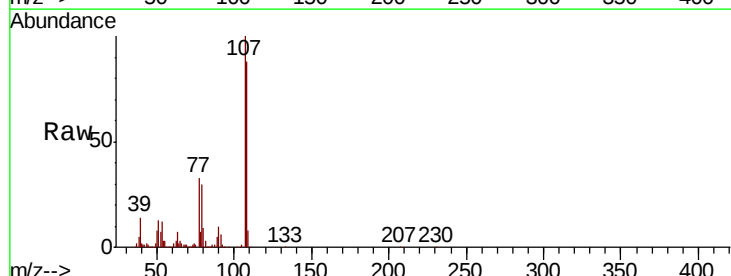
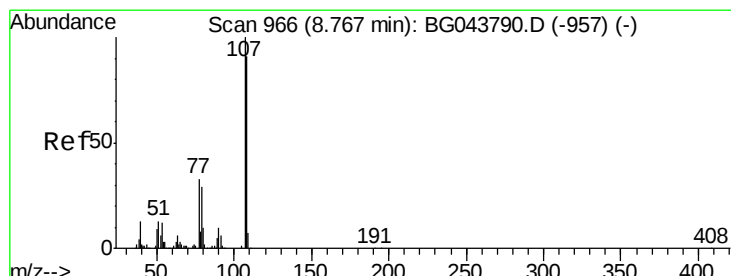
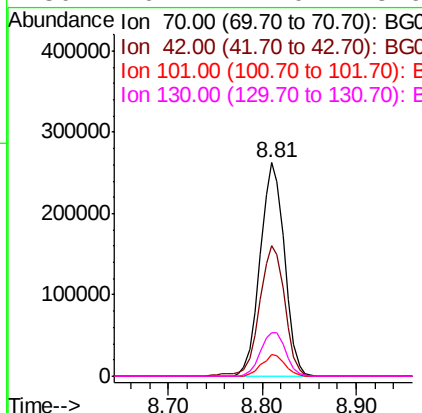
#19
n-Nitroso-di-n-propylamine
Concen: 47.731 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.2	49.2	73.8		
101	10.1	7.8	11.6		
130	20.4	17.0	25.6		

Instrument :
BNA_G
ClientSampleId :
PB125381BS

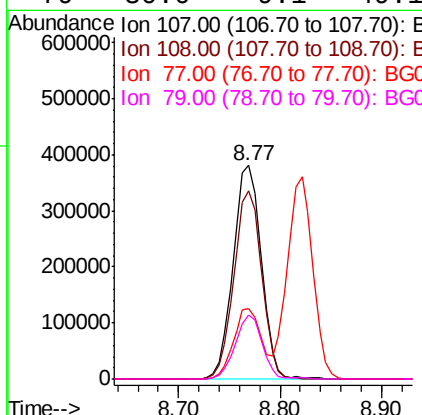
Manual Integrations
APPROVED

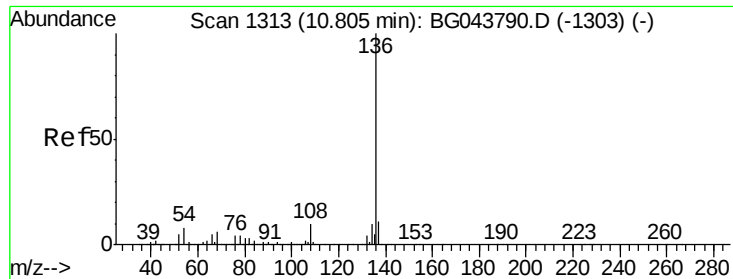
mohammad
12/12/2019 11:33:41 AM



#20
3+4-Methylphenols
Concen: 55.939 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.3	70.9	110.9		
77	33.1	12.7	52.7		
79	30.0	9.1	49.1		





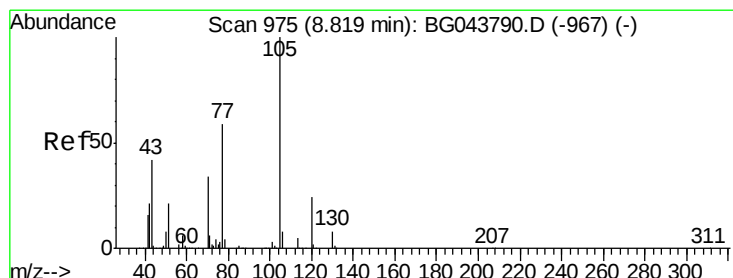
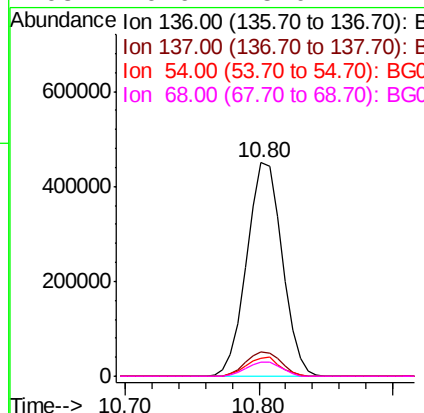
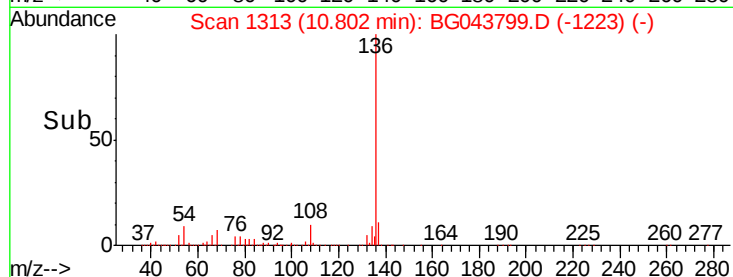
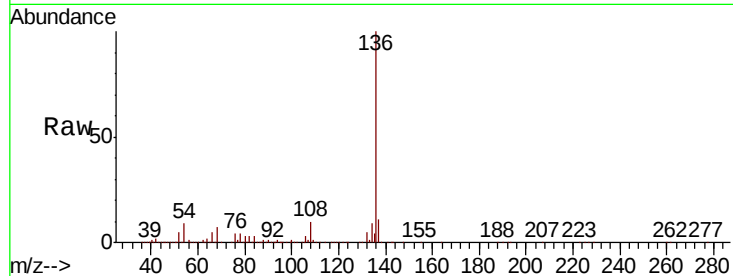
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		822579		
137	11.4	8.7	13.1		
54	8.5	6.8	10.2		
68	6.6	5.0	7.4		

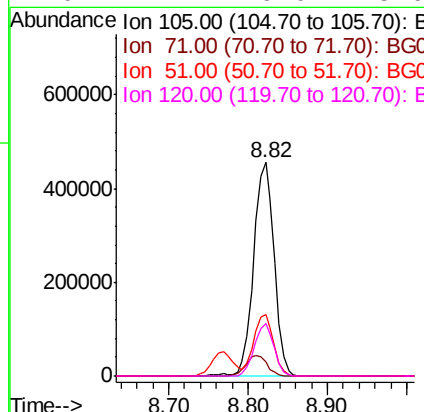
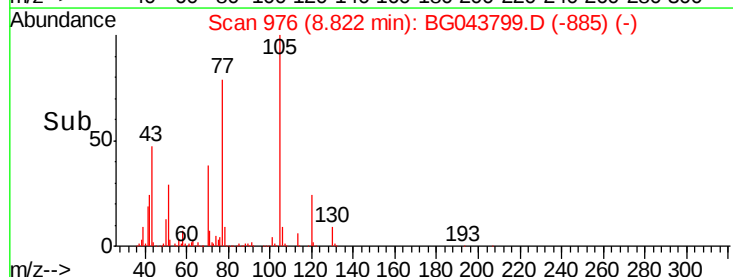
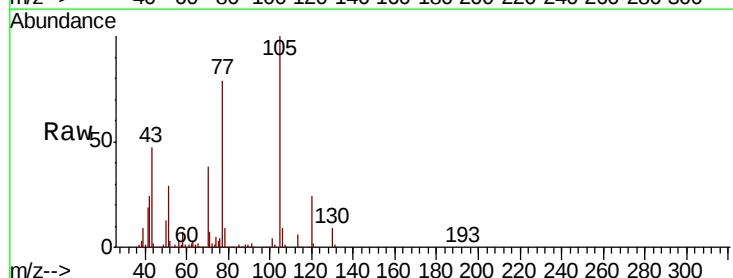
Manual Integrations
APPROVED

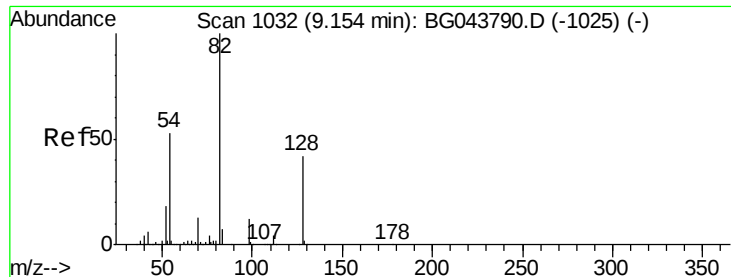
mohammad
12/12/2019 11:33:41 AM



#22
Acetophenone
Concen: 40.089 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		822412		
71	6.6	4.9	7.3		
51	28.7	22.2	33.4		
120	24.4	19.0	28.6		





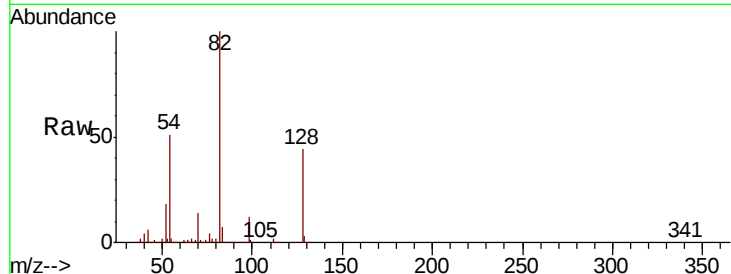
#23
Nitrobenzene-d5
Concen: 66.845 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

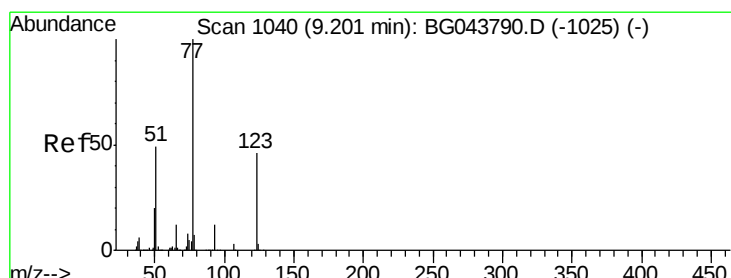
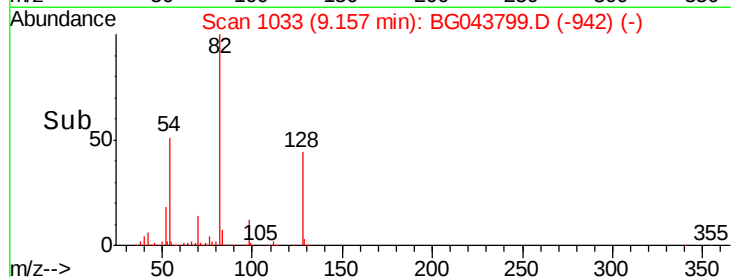
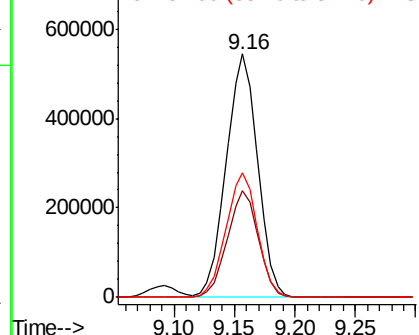
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.6	50.4
54	51.2	42.1	63.1

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM

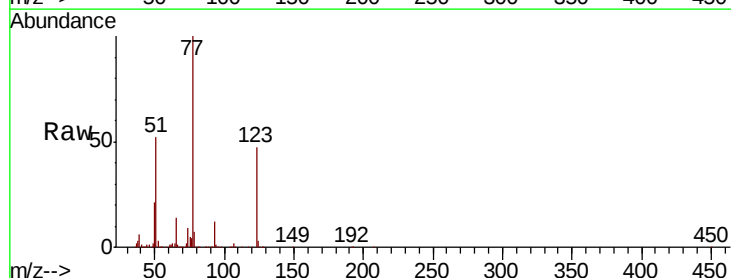


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

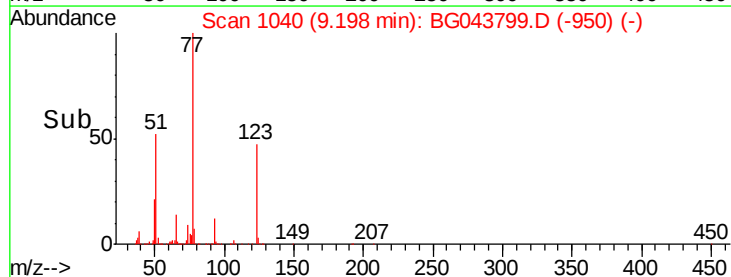
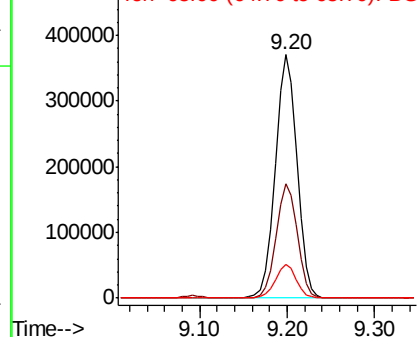


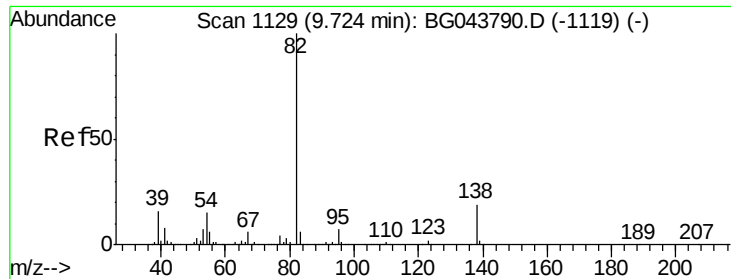
#24
Nitrobenzene
Concen: 42.691 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	36.6	55.0
65	13.6	9.8	14.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





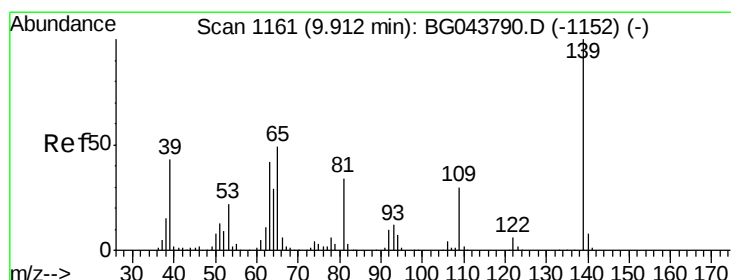
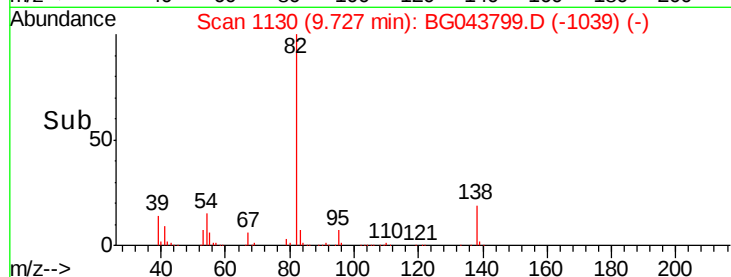
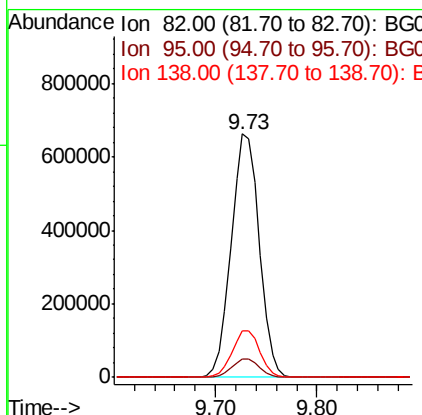
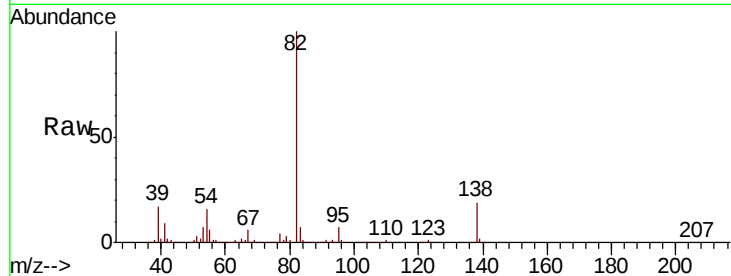
#25
Isophorone
Concen: 43.374 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	82	Resp	1269095
Ion Ratio	100	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	18.9	14.8	22.2

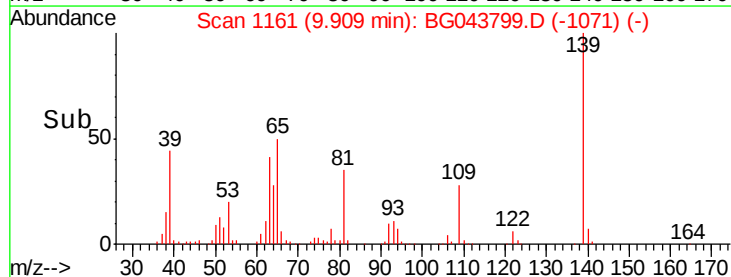
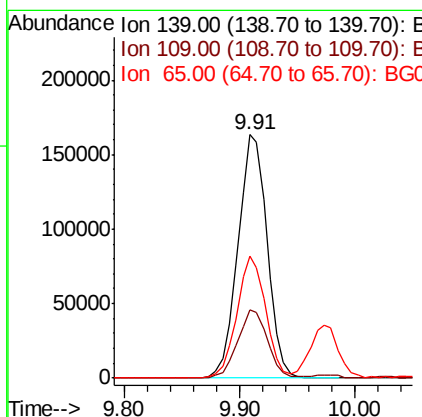
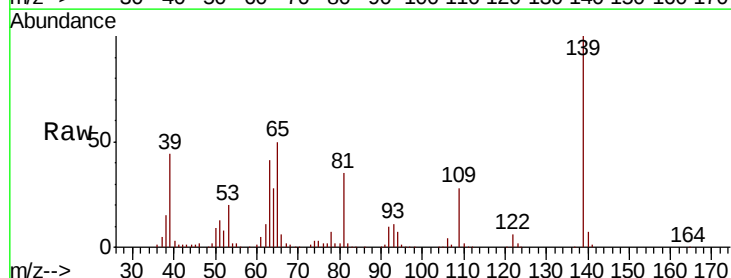
Manual Integrations
APPROVED

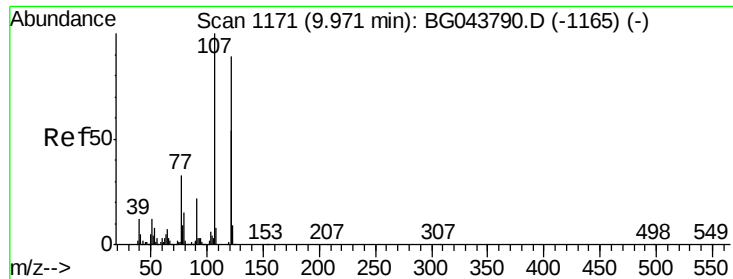
mohammad
12/12/2019 11:33:41 AM



#26
2-Nitrophenol
Concen: 48.779 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	139	Resp	285569
Ion Ratio	100	Lower	Upper
139	100		
109	28.2	23.9	35.9
65	49.9	39.3	58.9





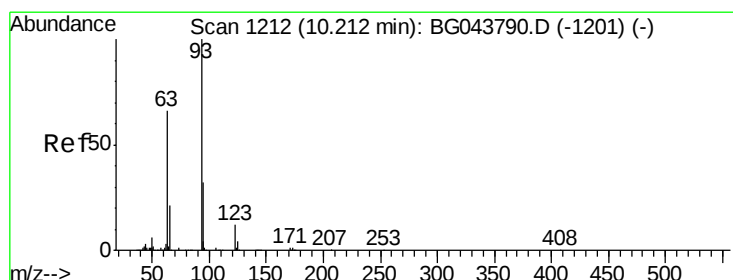
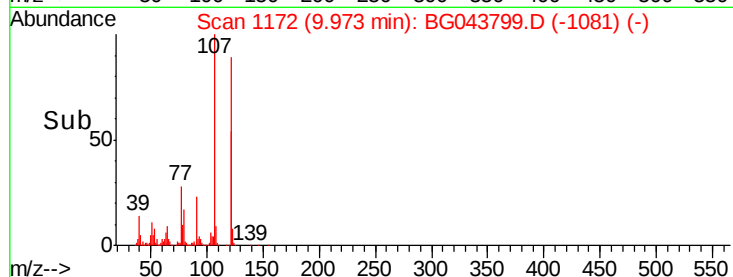
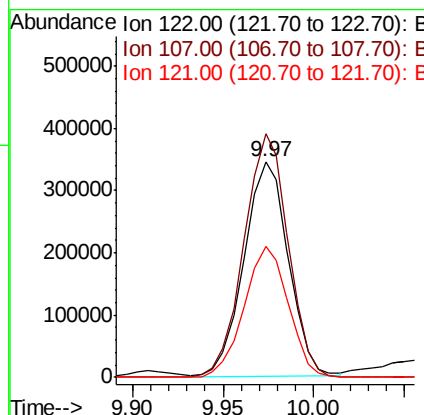
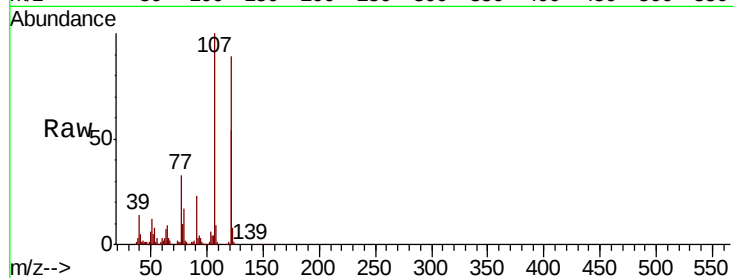
#27
2,4-Dimethylphenol
Concen: 57.063 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	589994		
107	112.8	90.0	135.0	
121	60.6	48.6	73.0	

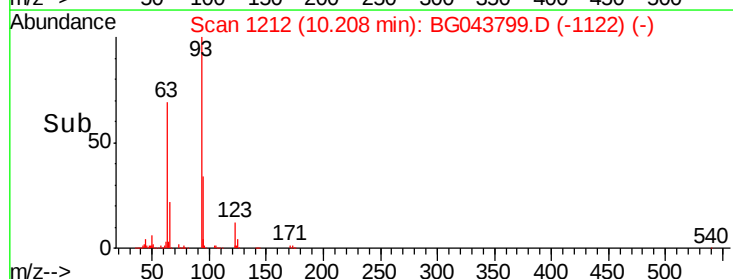
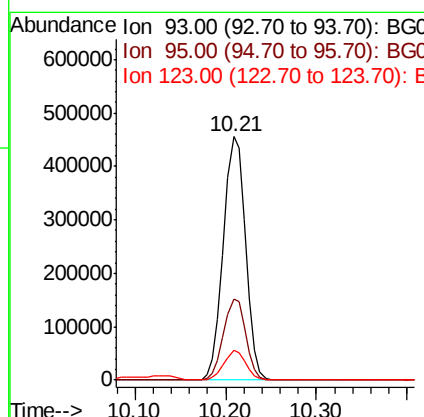
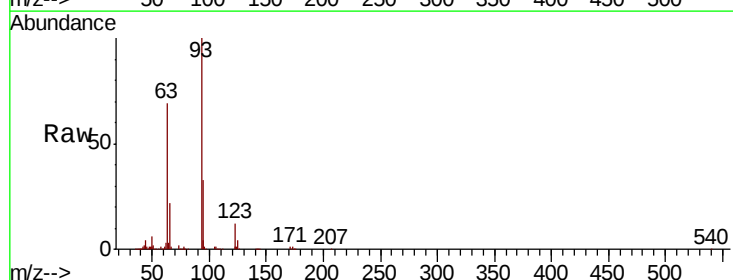
Manual Integrations
APPROVED

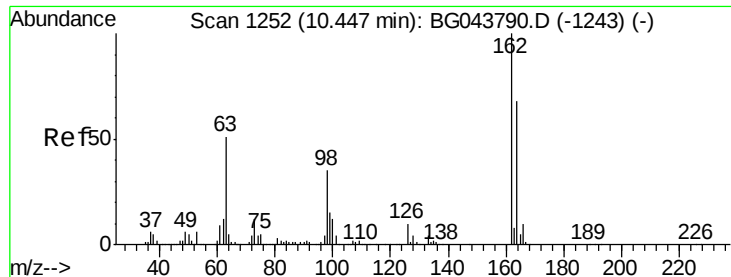
mohammad
12/12/2019 11:33:41 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.484 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	776944		
95	33.5	25.7	38.5	
123	12.2	9.5	14.3	





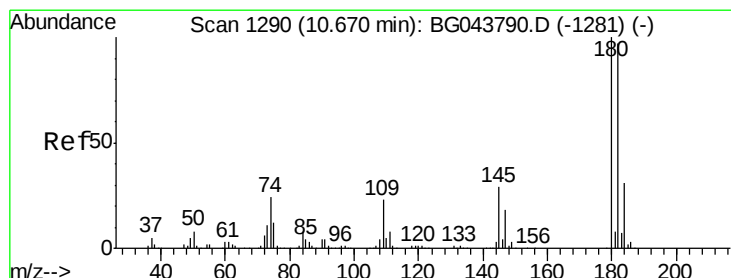
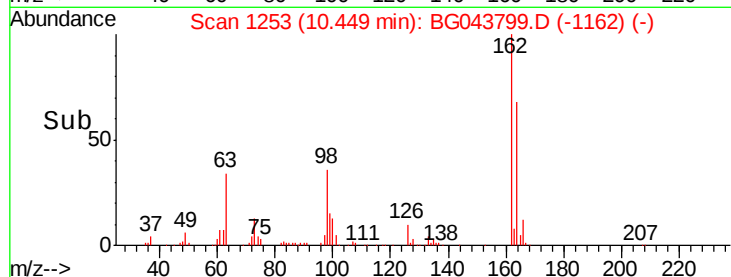
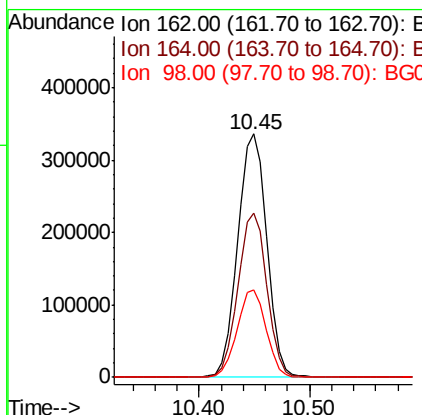
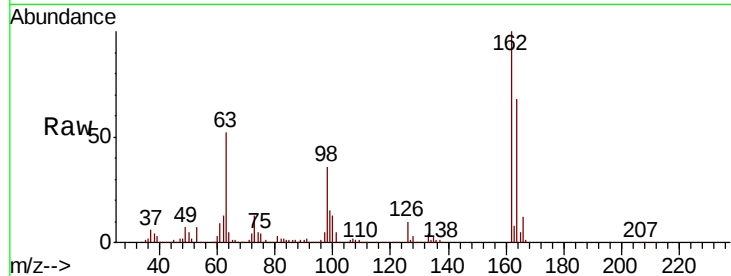
#29
2,4-Dichlorophenol
Concen: 49.161 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	624196		
164	67.6	48.0	88.0	
98	35.8	14.9	54.9	

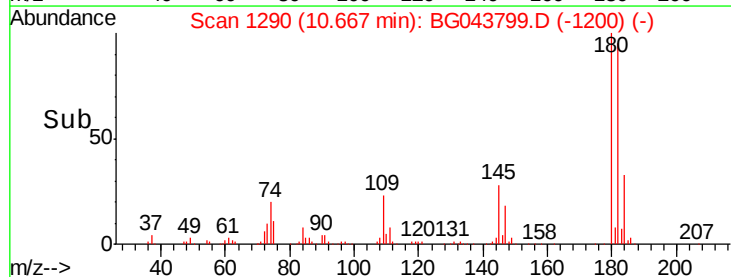
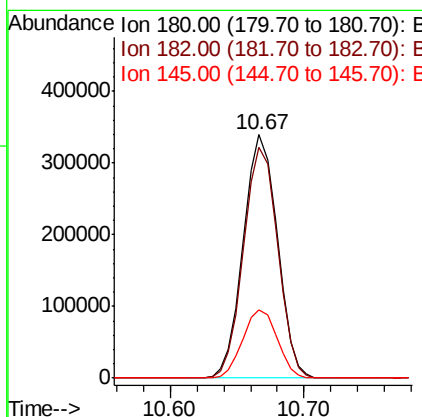
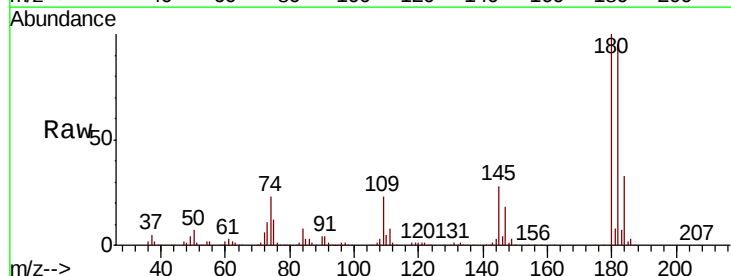
Manual Integrations
APPROVED

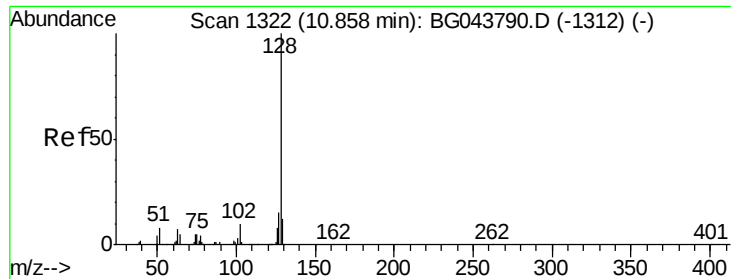
mohammad
12/12/2019 11:33:41 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.892 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	599580		
182	94.8	77.8	116.8	
145	28.3	23.0	34.6	





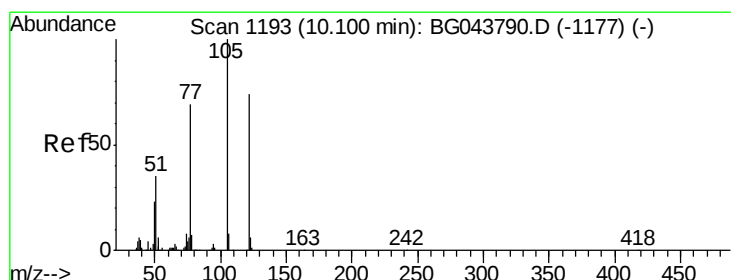
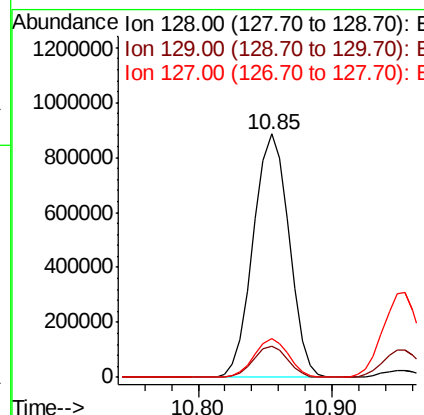
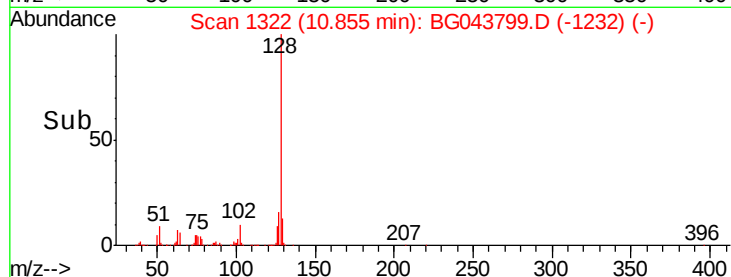
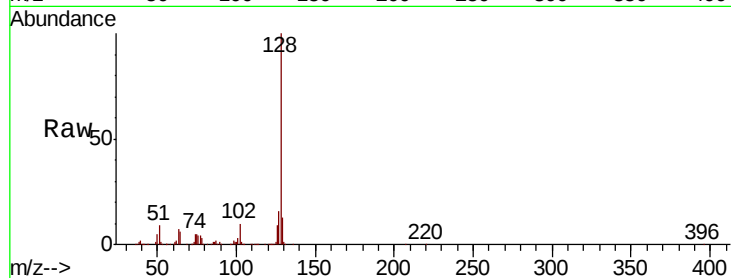
#31
Naphthalene
Concen: 41.589 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.8	14.6
127	15.9	11.9	17.9

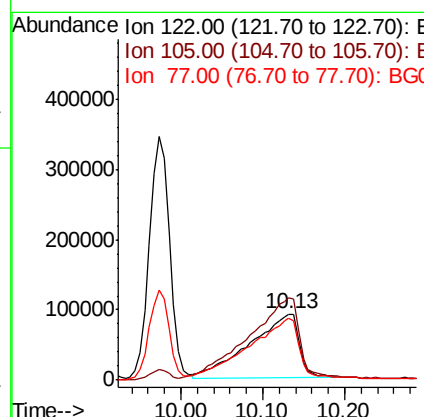
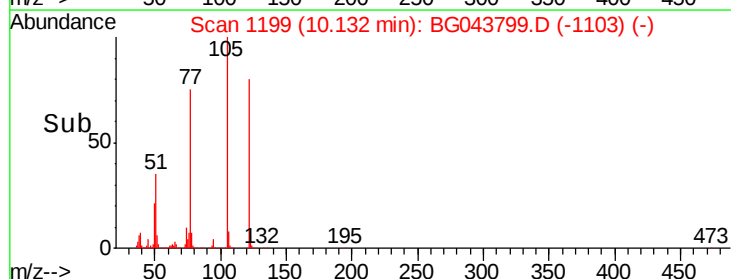
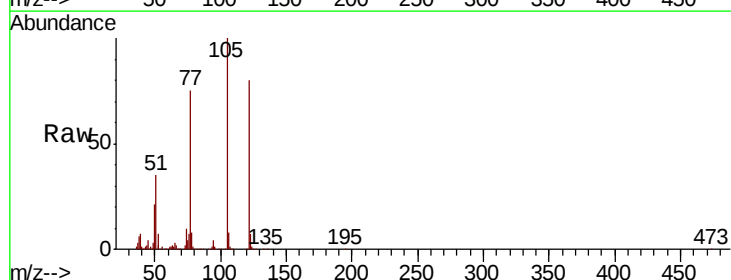
Manual Integrations
APPROVED

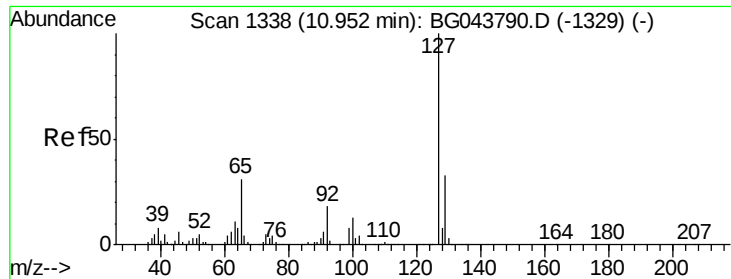
mohammad
12/12/2019 11:33:41 AM



#32
Benzoic acid
Concen: 51.657 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.03 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	107.5	147.5
77	93.8	71.7	111.7





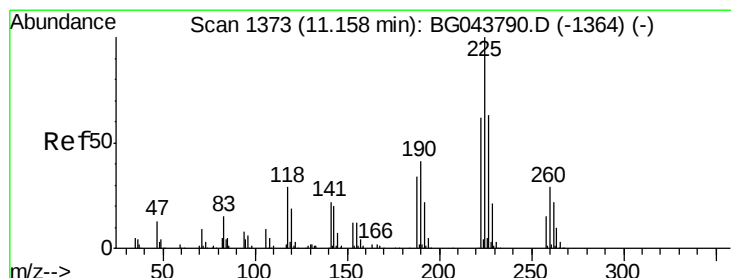
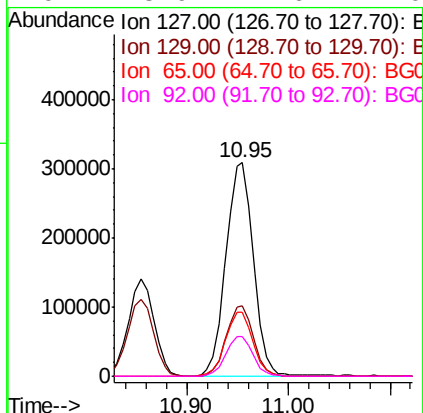
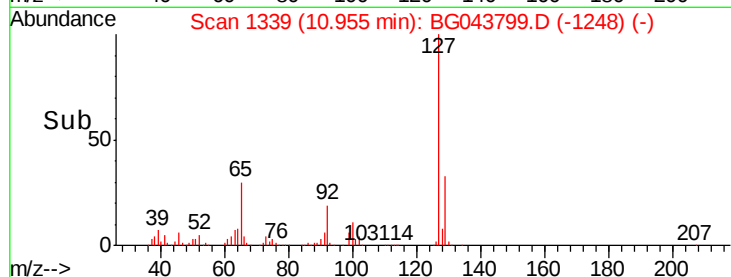
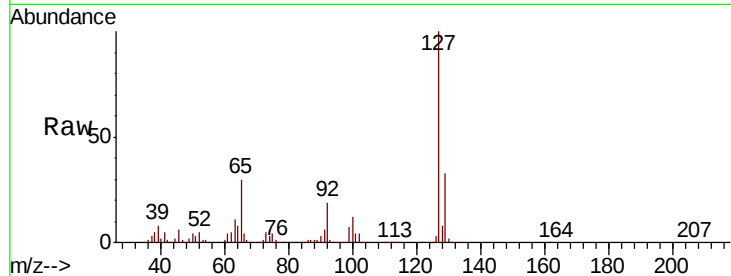
#33
4-Chloroaniline
Concen: 30.247 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.1	39.1	
65	30.3	24.4	36.6	
92	18.9	14.6	22.0	

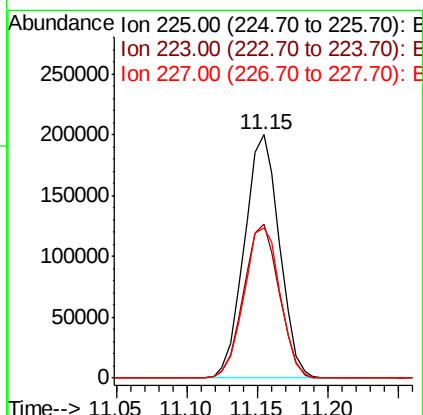
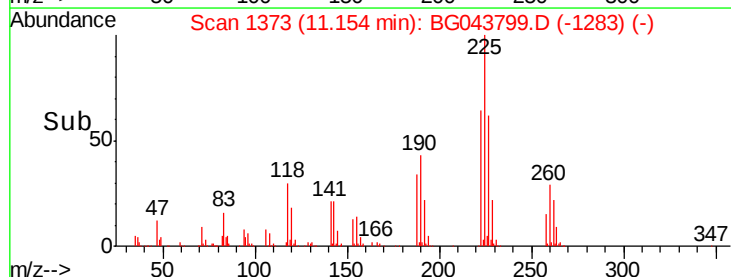
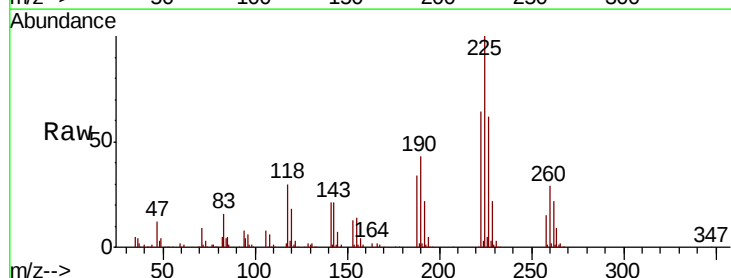
Manual Integrations
APPROVED

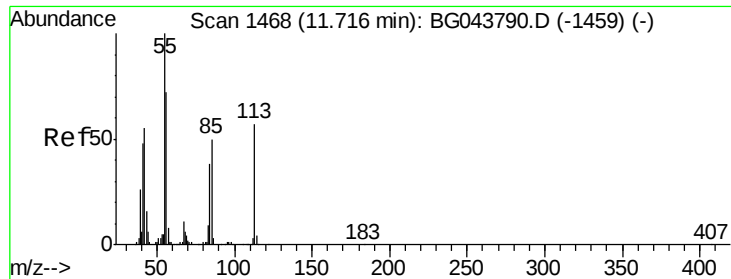
mohammad
12/12/2019 11:33:41 AM



#34
Hexachlorobutadiene
Concen: 38.245 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	49.3	73.9	
227	61.7	50.2	75.2	





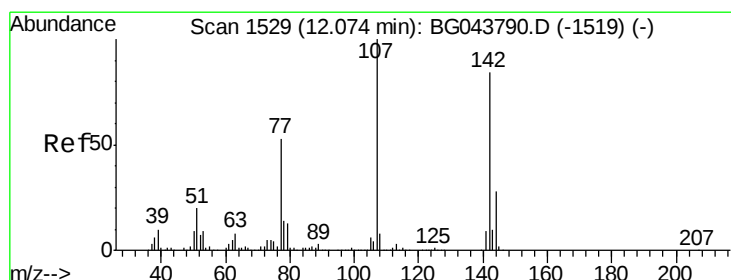
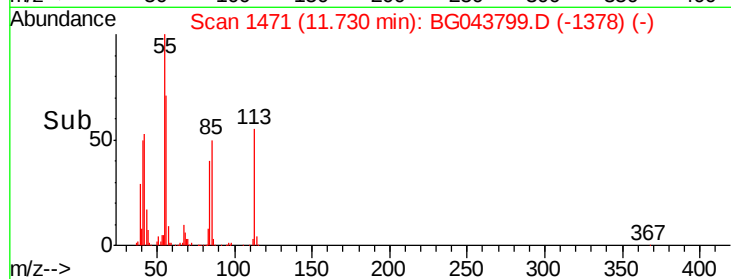
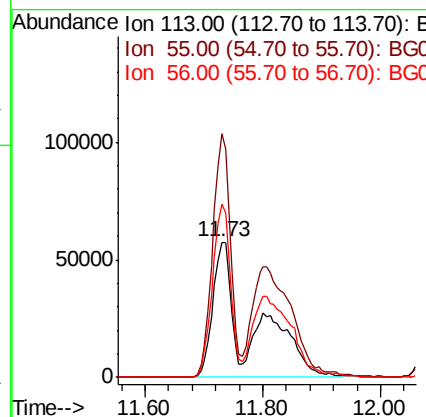
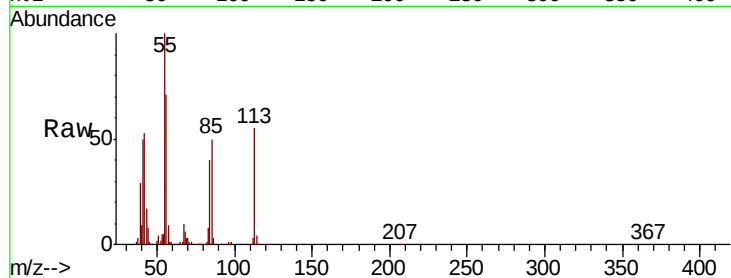
#35
 Caprolactam
 Concen: 49.552 ng/ml
 RT: 11.73 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.4	154.2	194.2
56	128.6	105.6	145.6

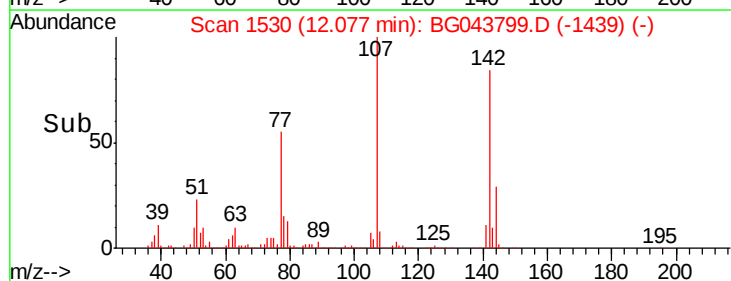
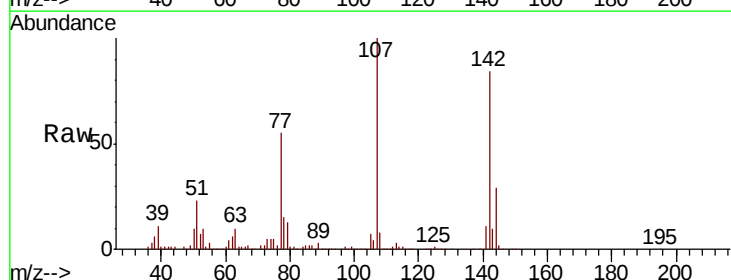
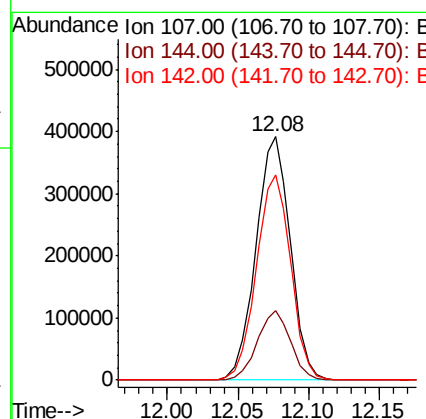
Manual Integrations
 APPROVED

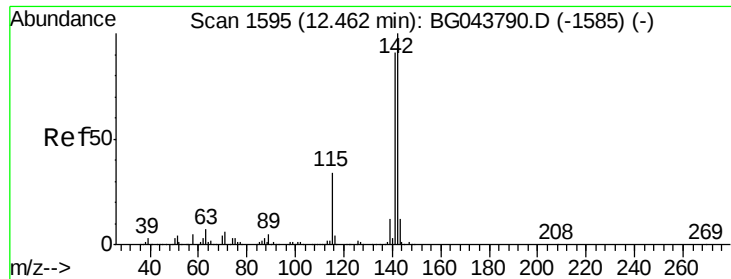
mohammad
 12/12/2019 11:33:41 AM



#36
 4-Chloro-3-methylphenol
 Concen: 48.914 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.7	22.2	33.4
142	84.4	67.0	100.6





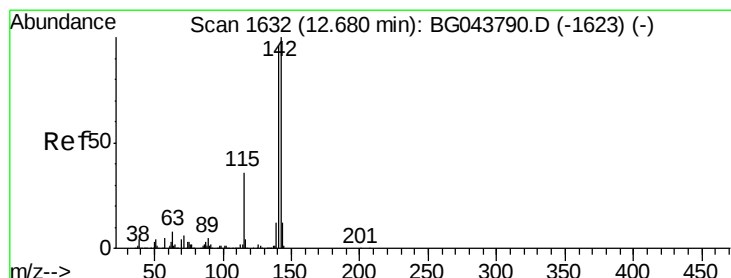
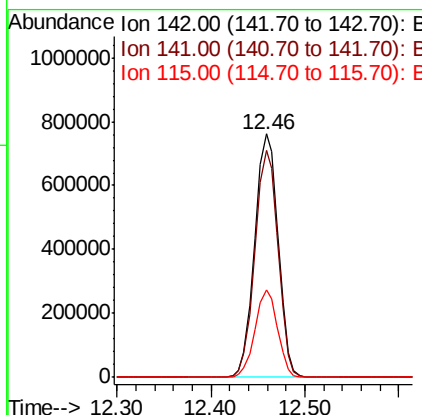
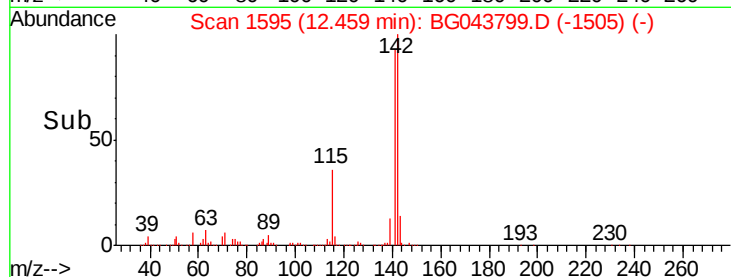
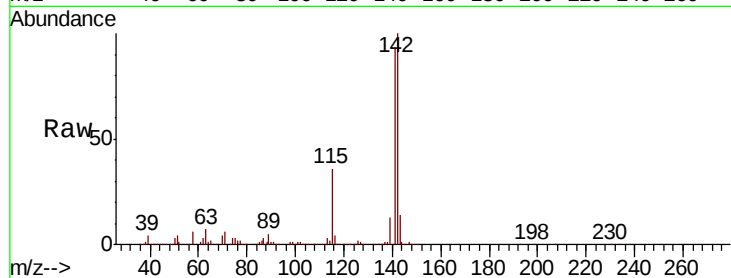
#37
2-Methylnaphthalene
Concen: 42.841 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.2	109.8
115	35.9	27.3	40.9

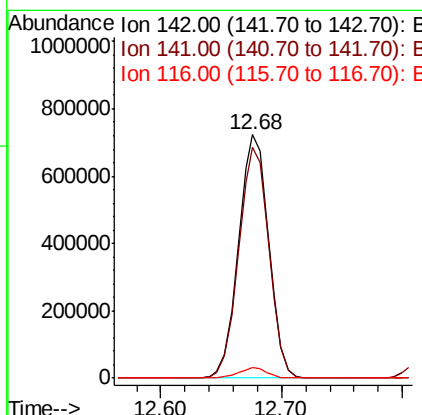
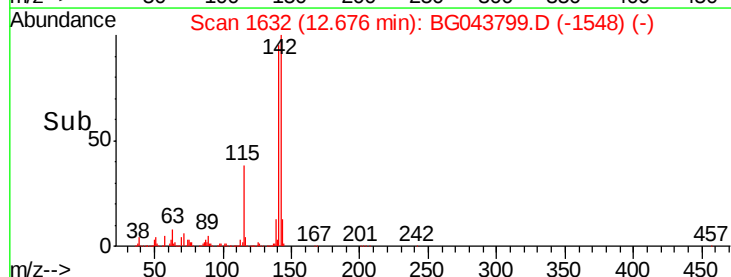
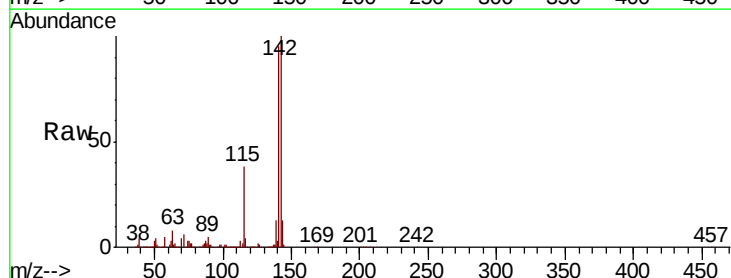
Manual Integrations
APPROVED

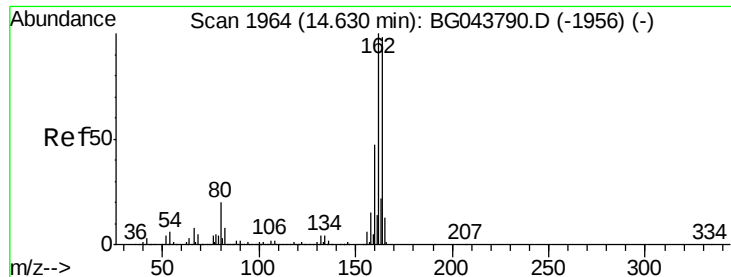
mohammad
12/12/2019 11:33:41 AM



#38
1-Methylnaphthalene
Concen: 43.112 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	76.9	115.3
116	4.2	3.2	4.8





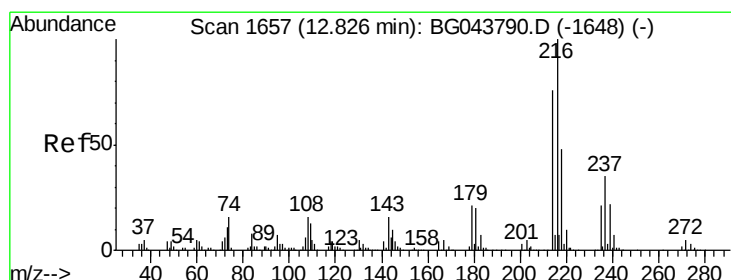
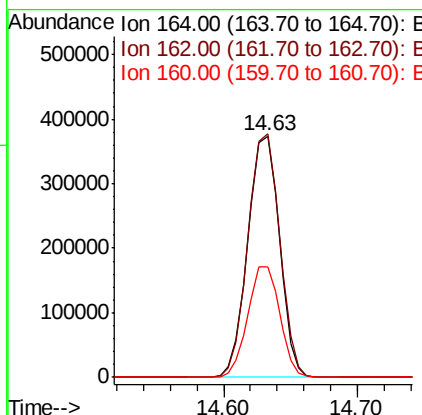
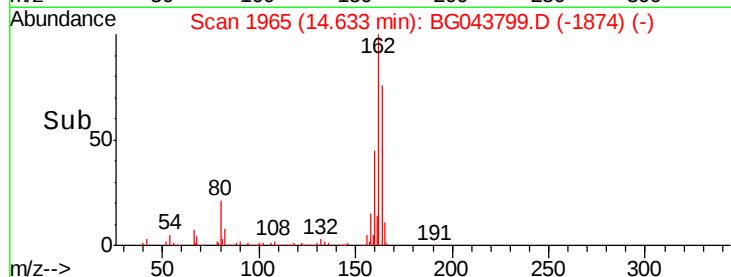
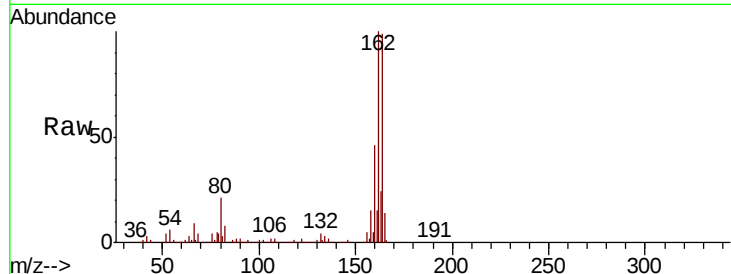
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.9	122.9
160	46.0	38.3	57.5

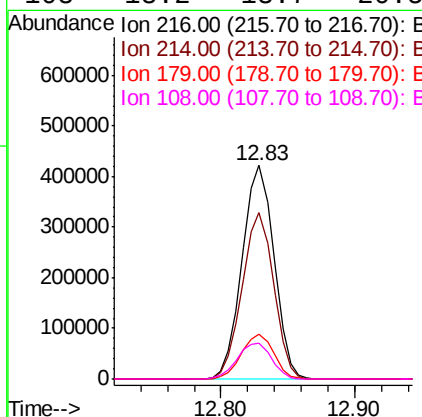
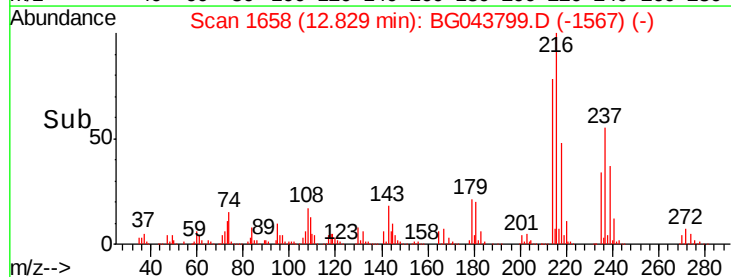
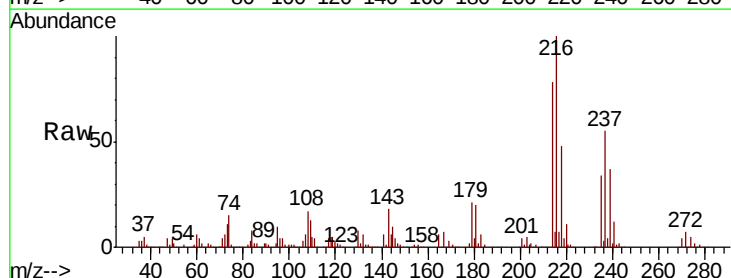
Manual Integrations
APPROVED

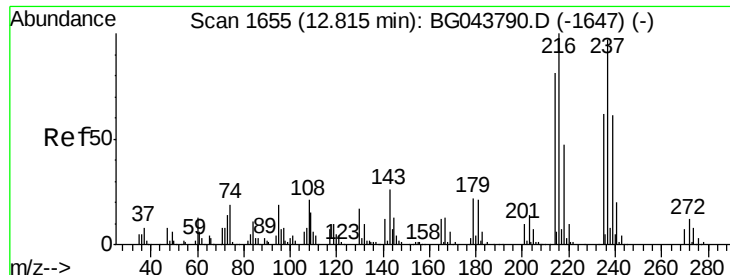
mohammad
12/12/2019 11:33:41 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.847 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.2	93.4
179	21.0	16.6	25.0
108	18.2	13.7	20.5





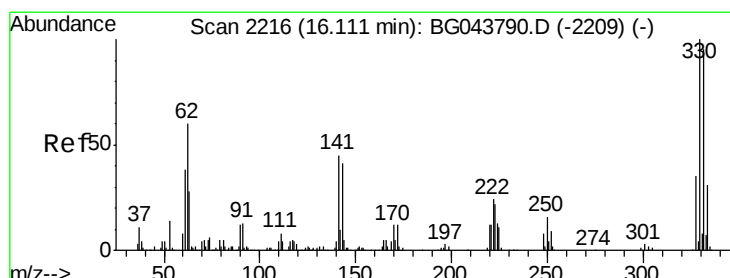
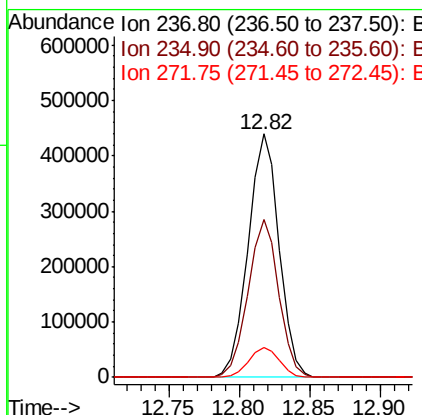
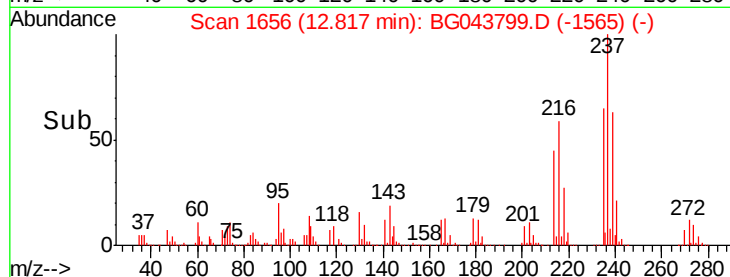
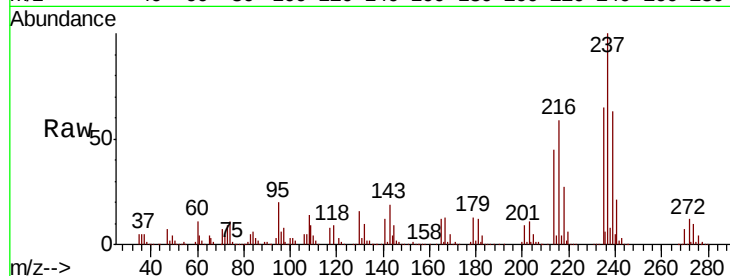
#41
Hexachlorocyclopentadiene
Concen: 78.263 ng
RT: 12.82 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.8	43.9	83.9
272	12.1	0.0	32.0

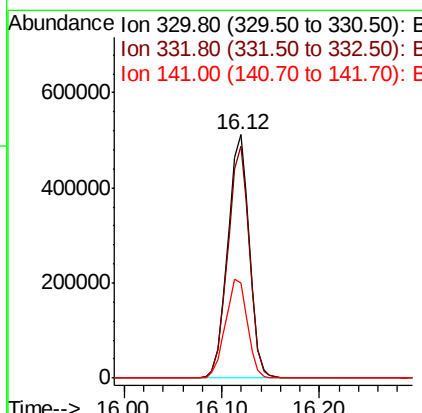
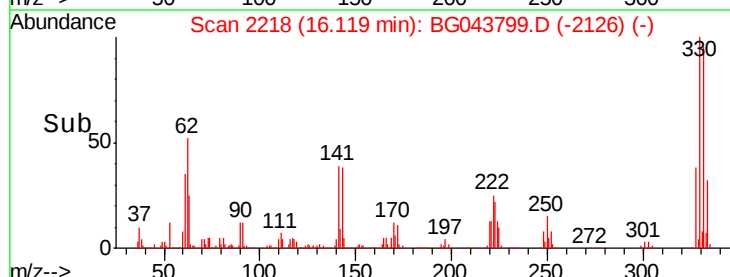
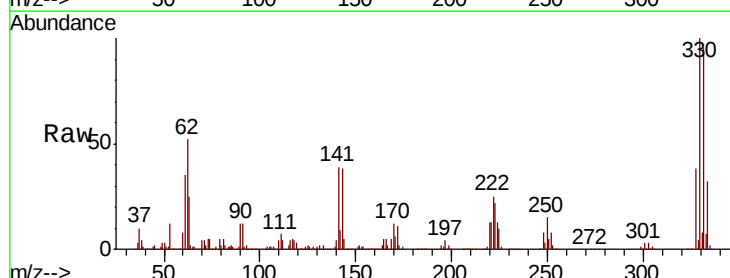
Manual Integrations
APPROVED

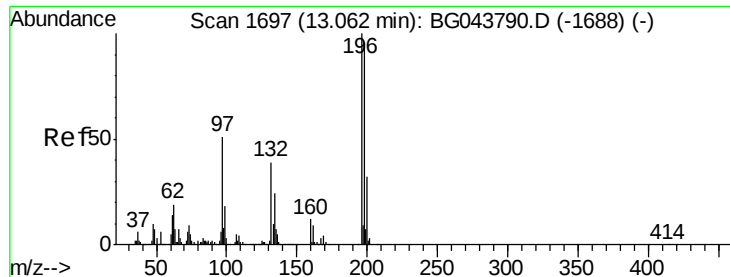
mohammad
12/12/2019 11:33:41 AM



#42
2,4,6-Tribromophenol
Concen: 134.026 ng
RT: 16.12 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	76.9	115.3
141	41.7	33.8	50.8





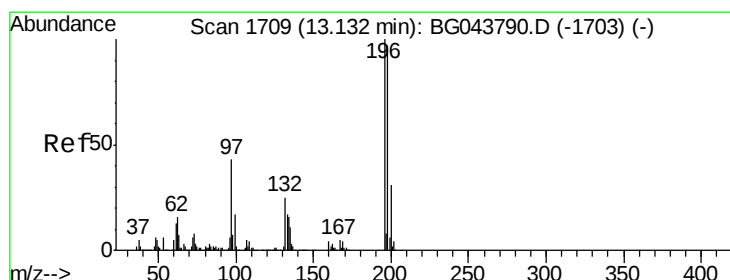
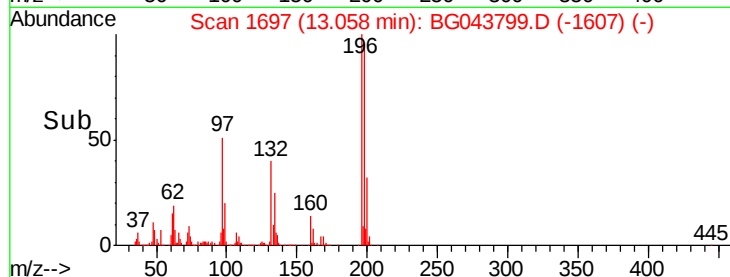
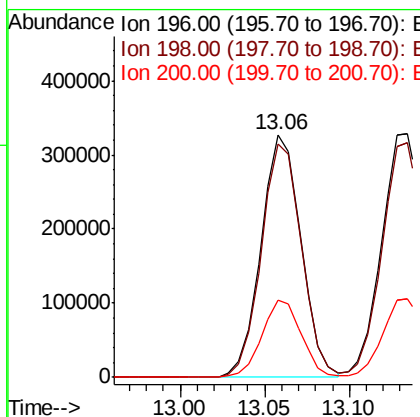
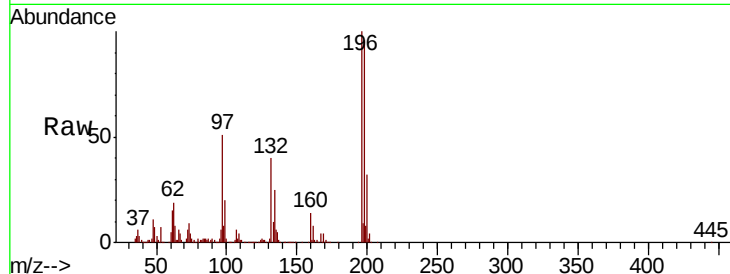
#43
2,4,6-Trichlorophenol
Concen: 45.630 ng
RT: 13.06 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	533246		
198	96.4		77.0	115.6
200	32.0		25.7	38.5

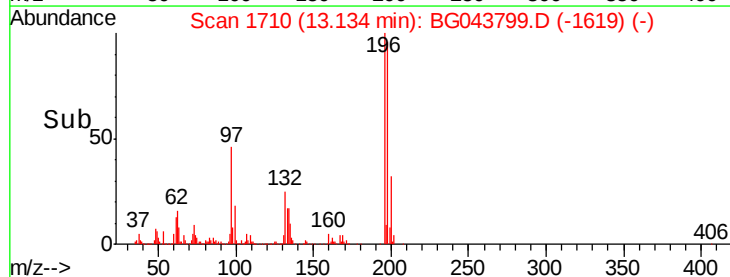
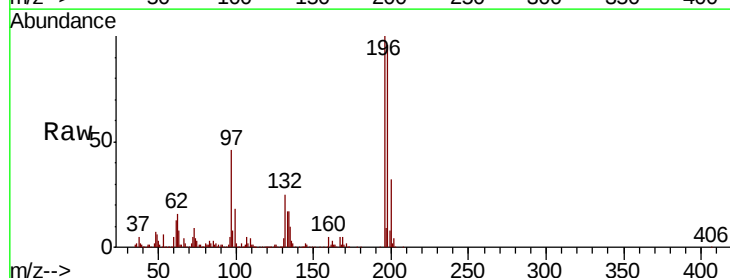
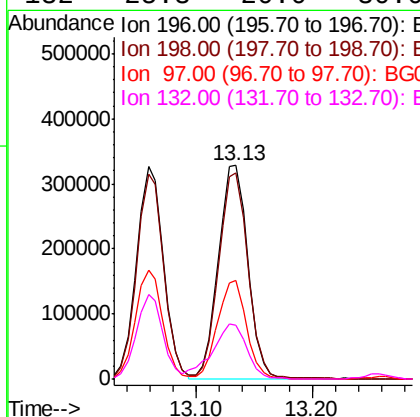
Manual Integrations
APPROVED

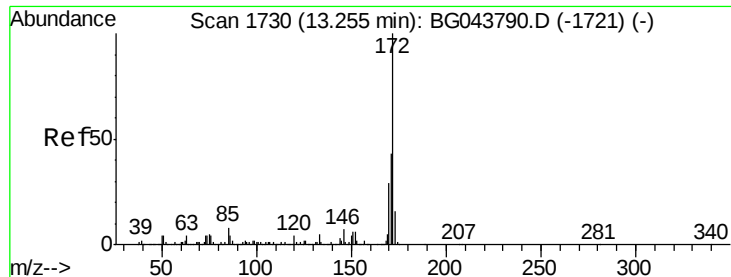
mohammad
12/12/2019 11:33:41 AM



#44
2,4,5-Trichlorophenol
Concen: 47.442 ng
RT: 13.13 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	580848		
198	96.2		77.4	116.0
97	46.1		34.7	52.1
132	25.3		20.0	30.0





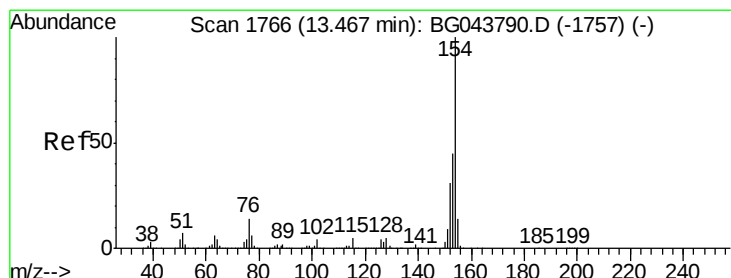
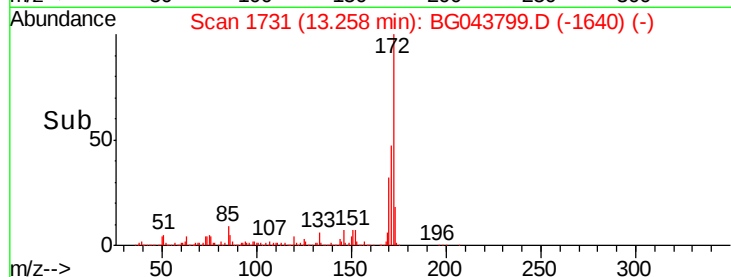
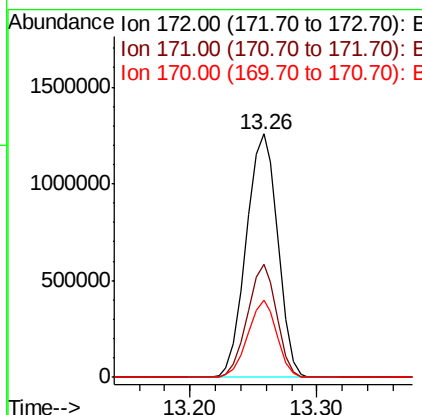
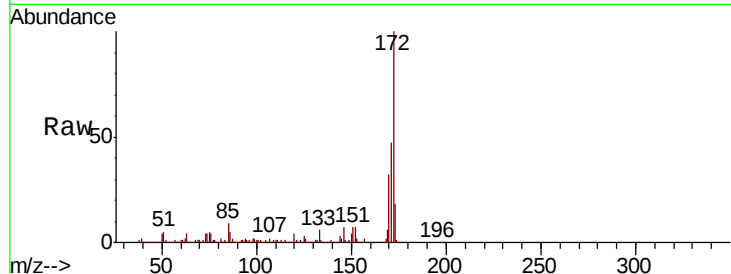
#45
2-Fluorobiphenyl
Concen: 62.265 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	46.5	34.6	51.8
170	31.8	23.3	34.9

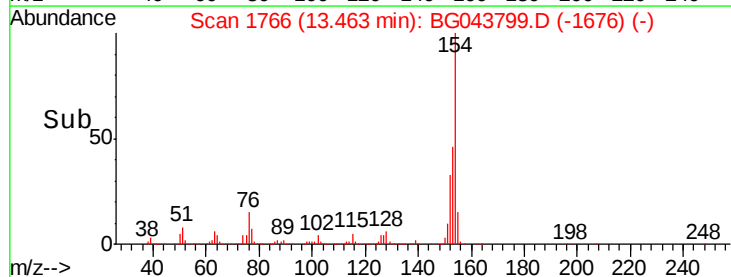
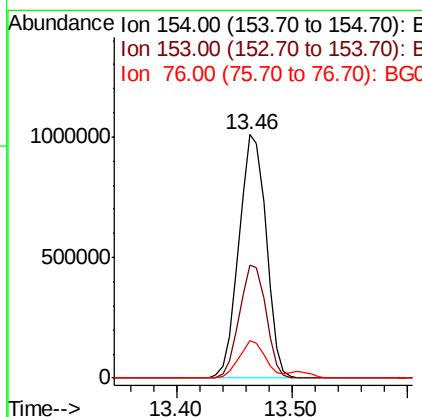
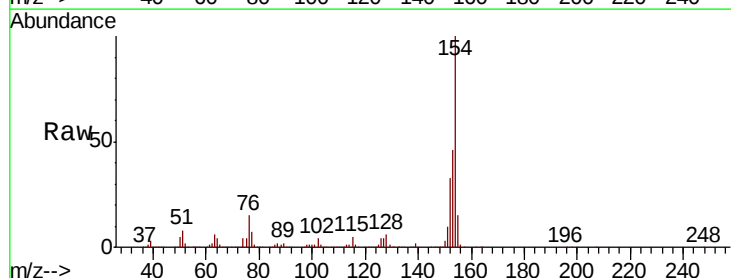
Manual Integrations
APPROVED

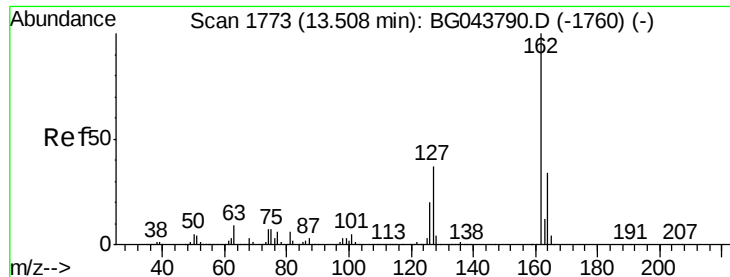
mohammad
12/12/2019 11:33:41 AM



#46
1,1'-Biphenyl
Concen: 39.047 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	46.5	24.5	64.5
76	15.3	0.0	33.9





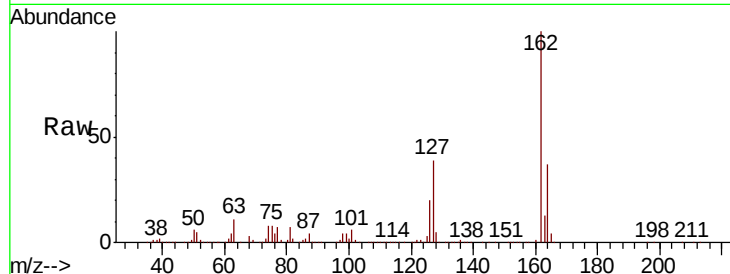
#47
2-Chloronaphthalene
Concen: 38.424 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.0	45.0
164	37.4	27.6	41.4

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM

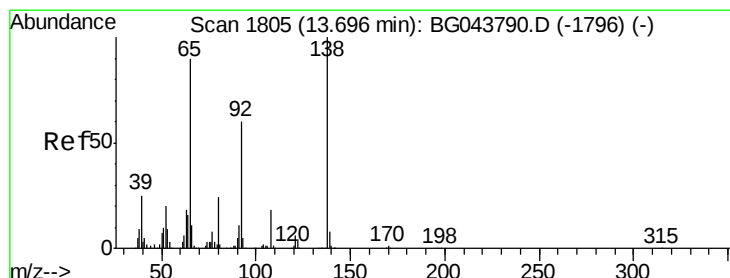
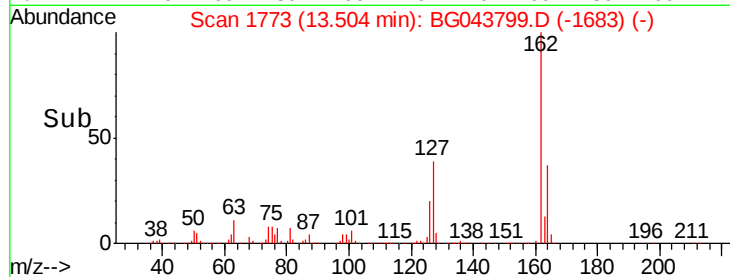
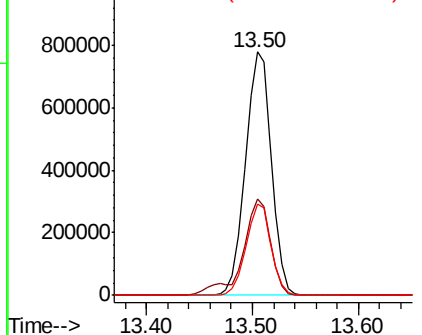


Abundance

Ion 162.00 (161.70 to 162.70): E

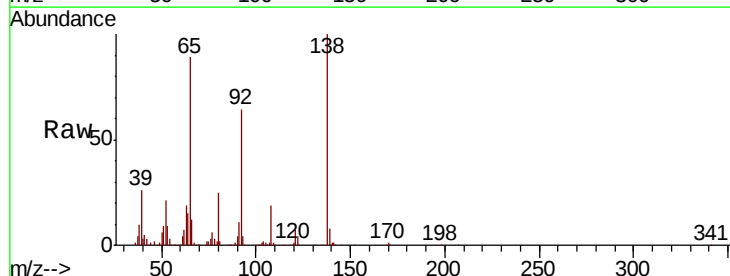
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.876 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	53.7	80.5
138	112.8	88.8	133.2

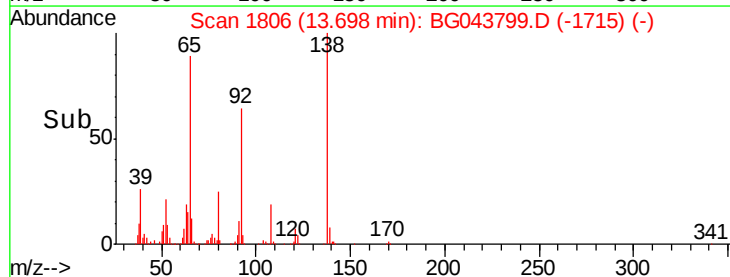
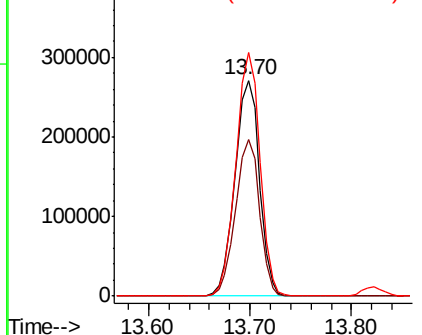


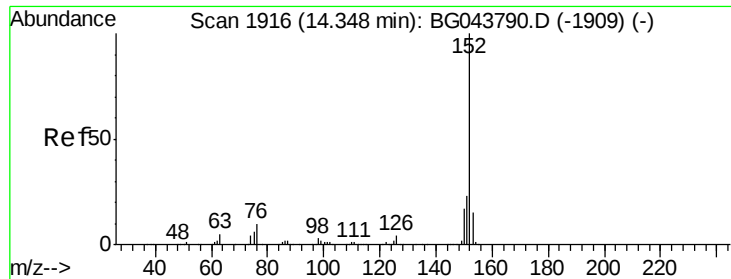
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.503 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

Tot Ion:152 Resp: 2080688

Ion Ratio Lower Upper

152 100

151 26.4 18.5 27.7

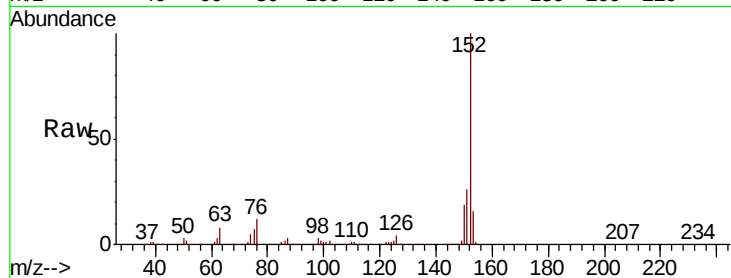
153 16.5 11.8 17.8

Manual Integrations

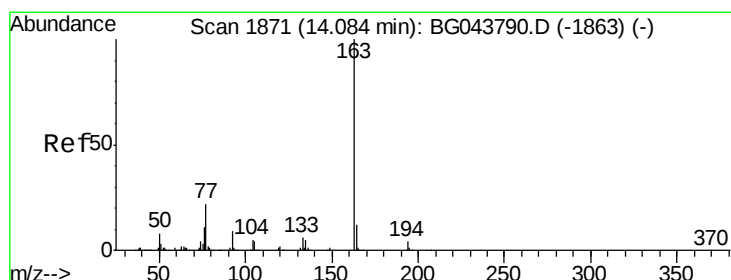
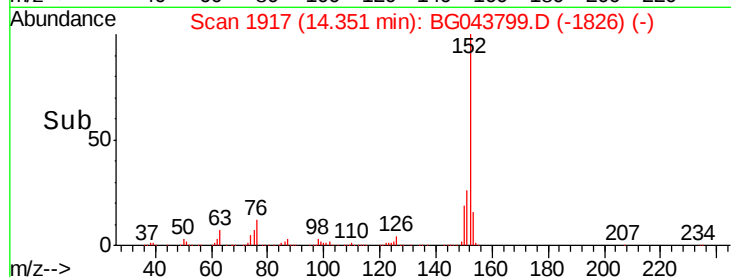
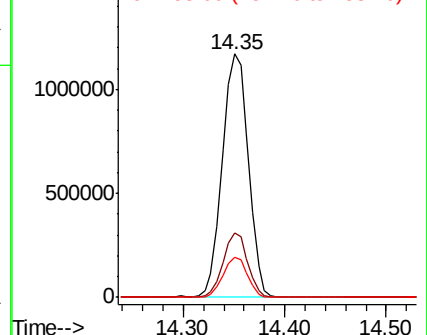
APPROVED

mohammad

12/12/2019 11:33:41 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.394 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

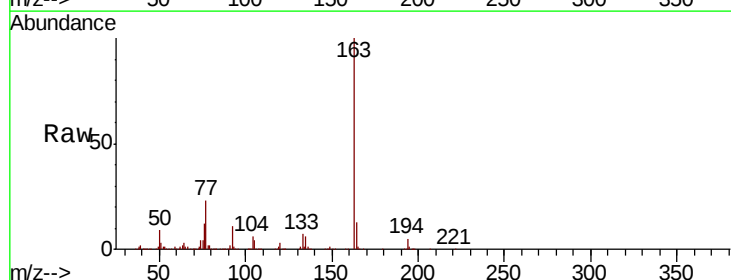
Tgt Ion:163 Resp: 1764121

Ion Ratio Lower Upper

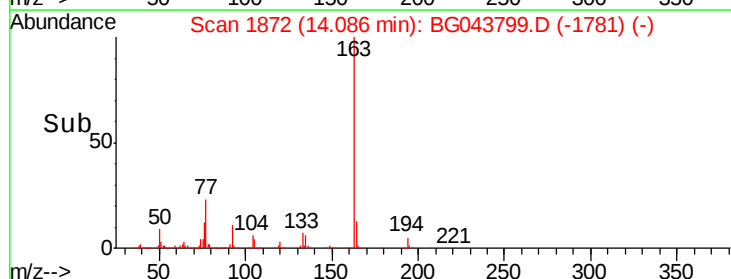
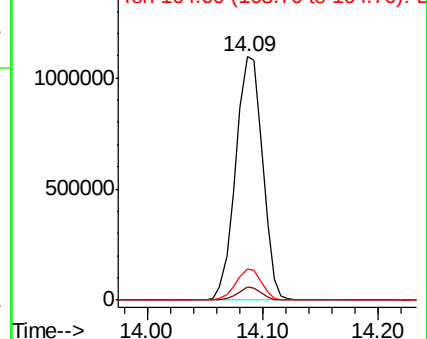
163 100

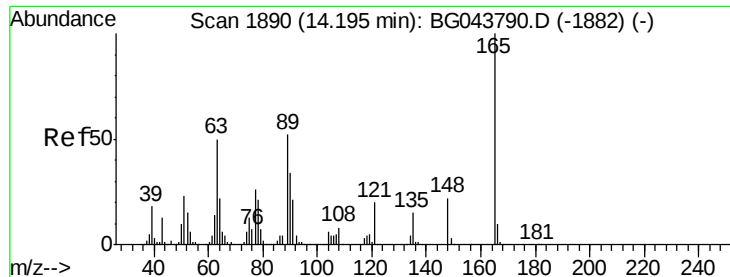
194 5.2 3.6 5.4

164 13.0 9.4 14.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.327 ng

RT: 14.20 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

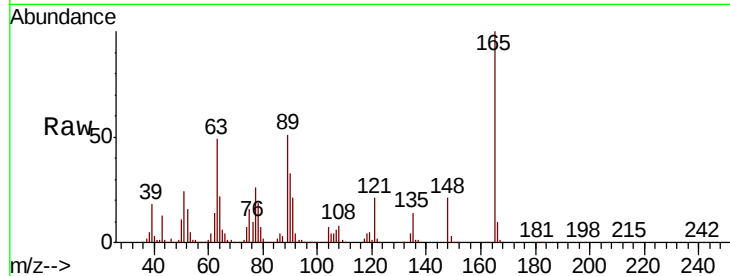
ClientSampleId :

PB125381BS

Tot Ion:	165	Resp:	436004
Ion Ratio	Lower	Upper	
165	100		
63	48.8	40.3	60.5
89	51.1	41.8	62.8

Manual Integrations
APPROVED

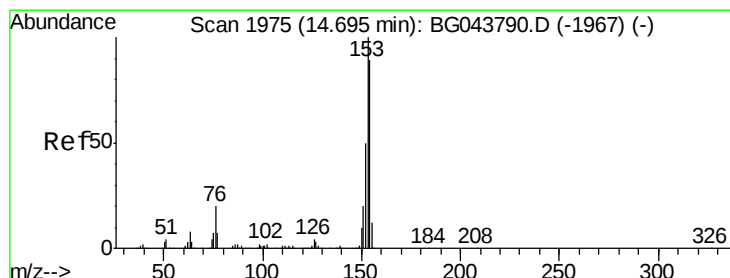
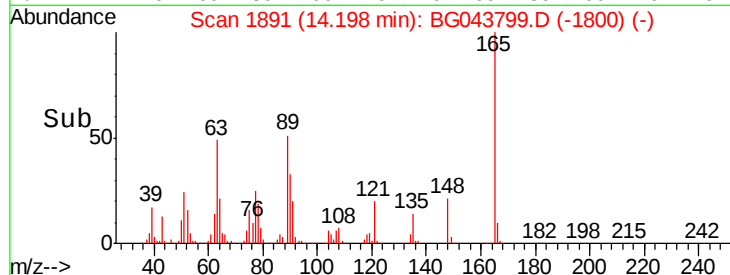
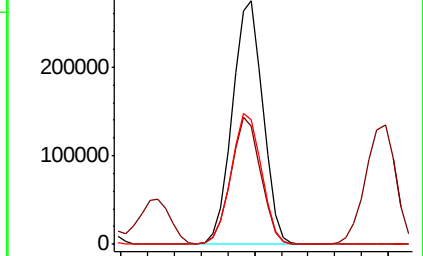
mohammad
12/12/2019 11:33:41 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 44.224 ng

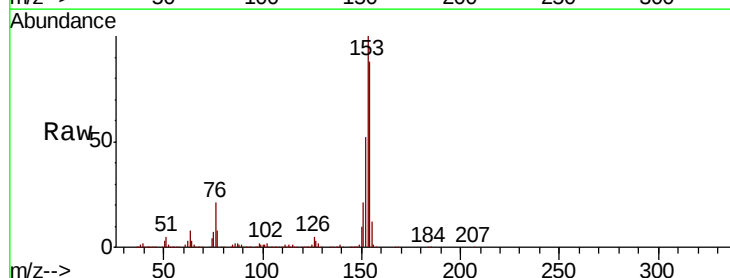
RT: 14.70 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

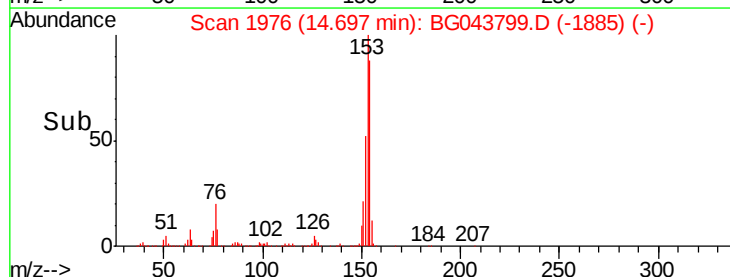
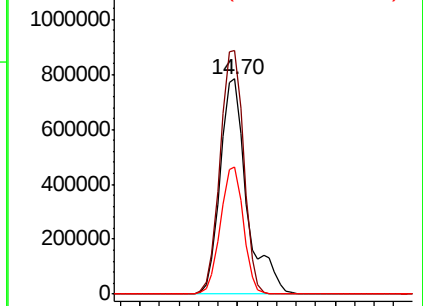
Tgt Ion:	154	Resp:	1494531
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.5	134.3
152	59.1	45.0	67.4

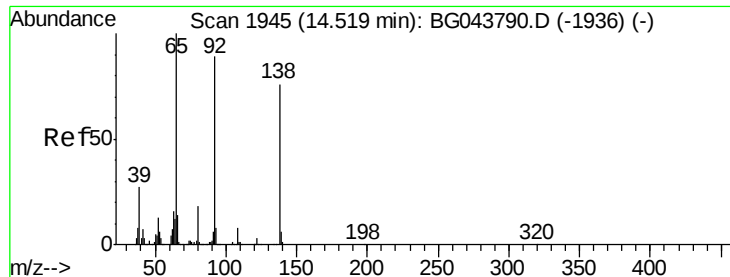


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





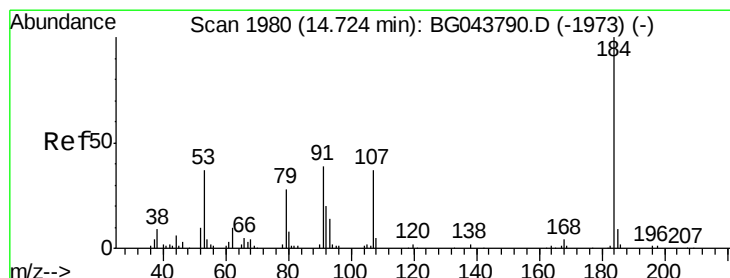
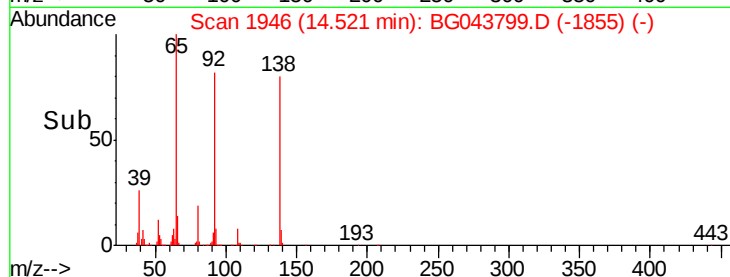
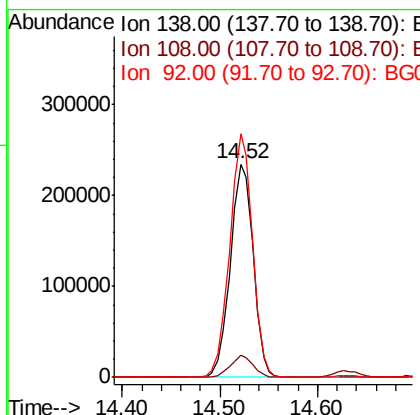
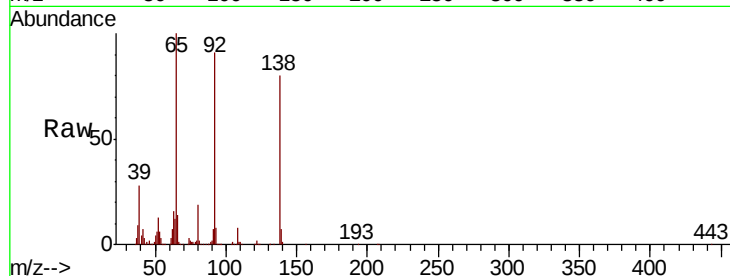
#53
3-Nitroaniline
Concen: 35.460 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	114.3	94.6	141.8

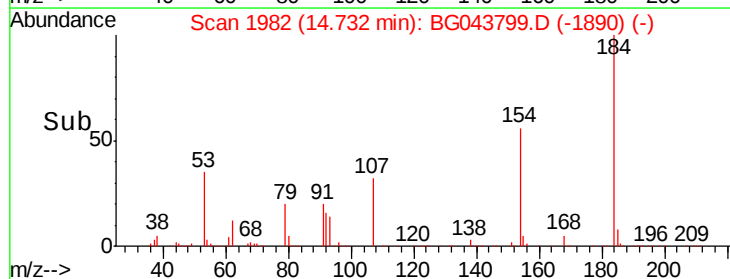
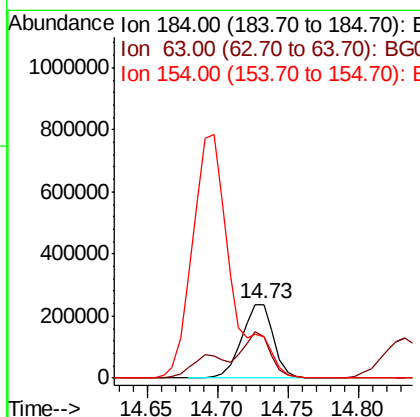
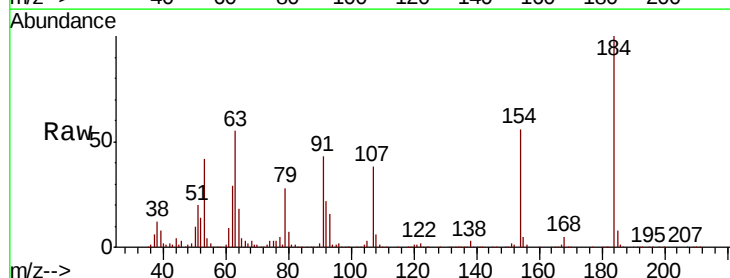
Manual Integrations
APPROVED

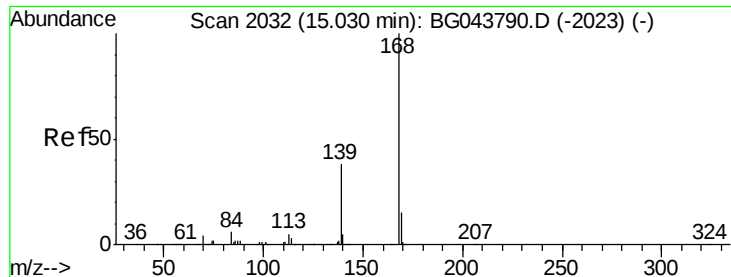
mohammad
12/12/2019 11:33:41 AM



#54
2,4-Dinitrophenol
Concen: 91.435 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.2	43.4	65.0
154	56.2	54.8	82.2





#55

Dibenzofuran

Concen: 40.121 ng

RT: 15.03 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampled :

PB125381BS

Tot Ion:168 Resp: 2007061

Ion Ratio Lower Upper

168 100

139 40.9 30.4 45.6

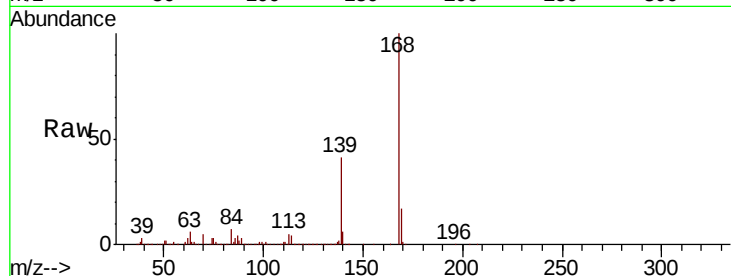
169 16.7 12.0 18.0

Manual Integrations

APPROVED

mohammad

12/12/2019 11:33:41 AM

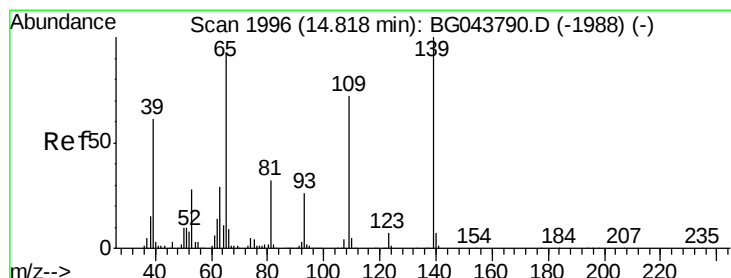
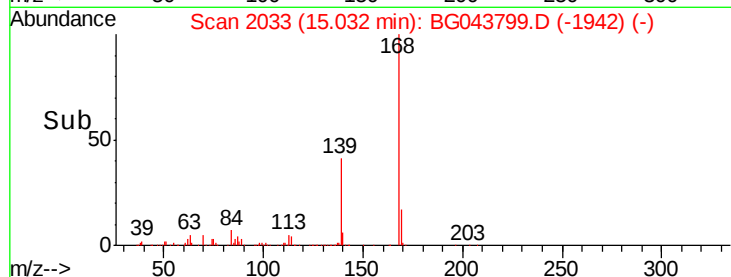
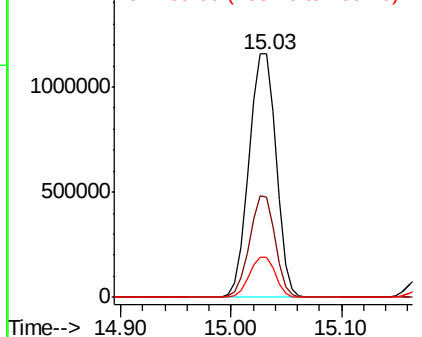


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 100.116 ng

RT: 14.83 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

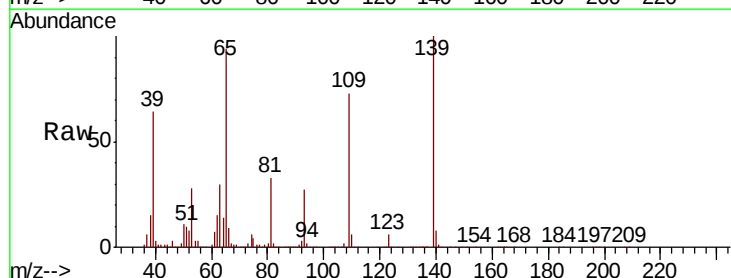
Tgt Ion:139 Resp: 786645

Ion Ratio Lower Upper

139 100

109 72.9 51.5 91.5

65 94.4 73.7 113.7

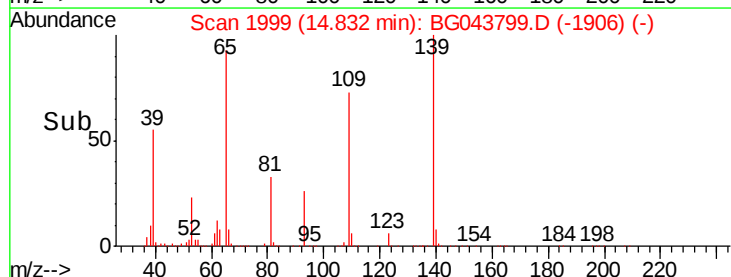
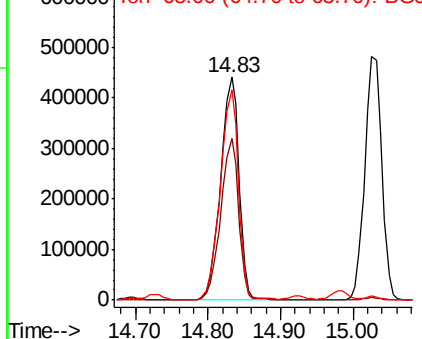


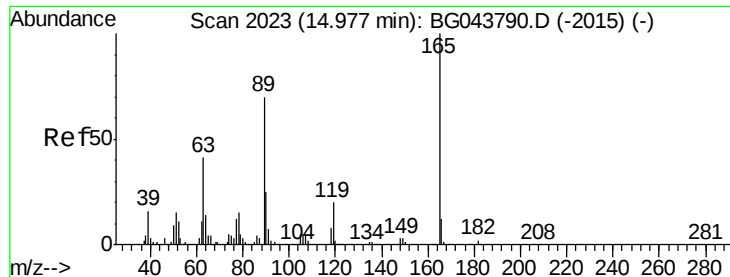
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





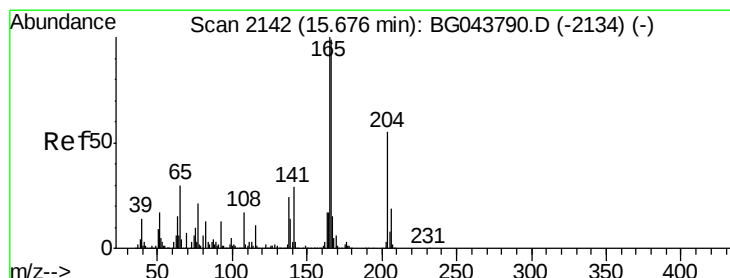
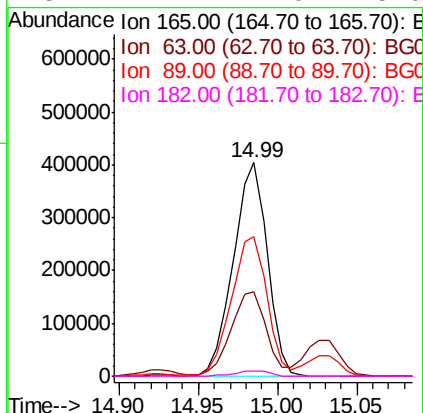
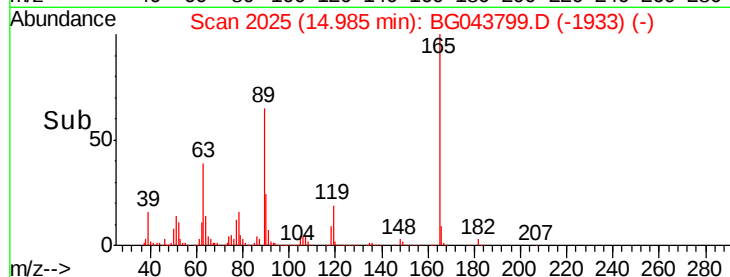
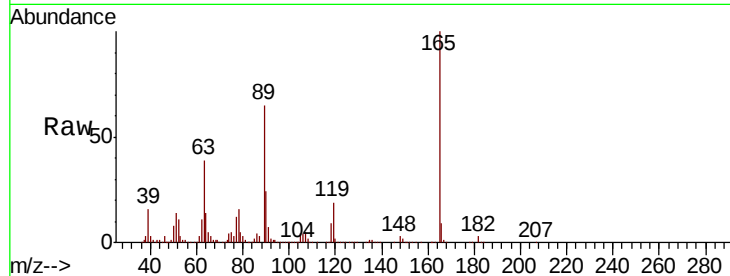
#57
2,4-Dinitrotoluene
Concen: 47.352 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	602179		
63	39.3	32.7	49.1	
89	65.4	56.1	84.1	
182	2.7	2.0	3.0	

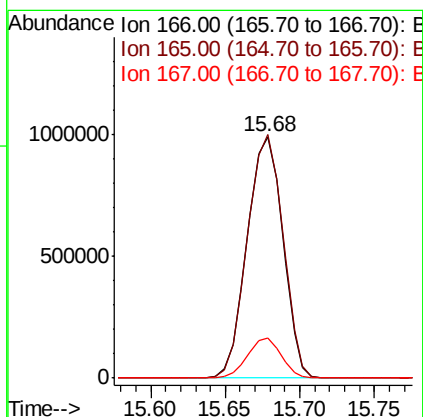
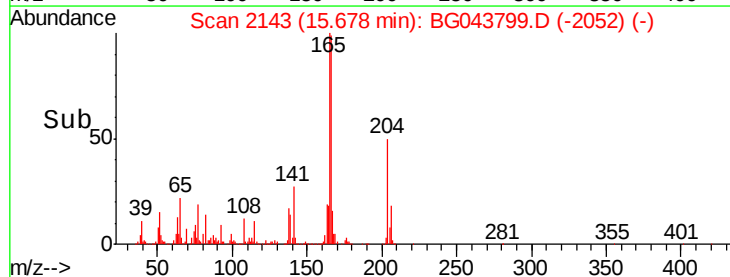
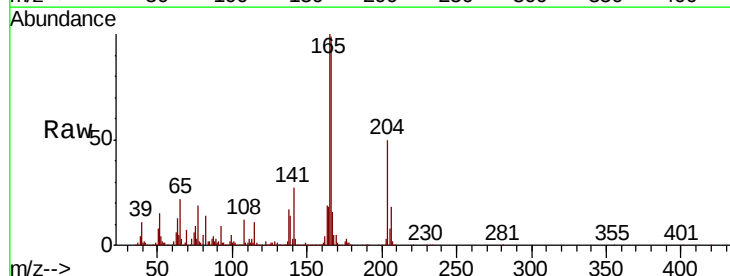
Manual Integrations
APPROVED

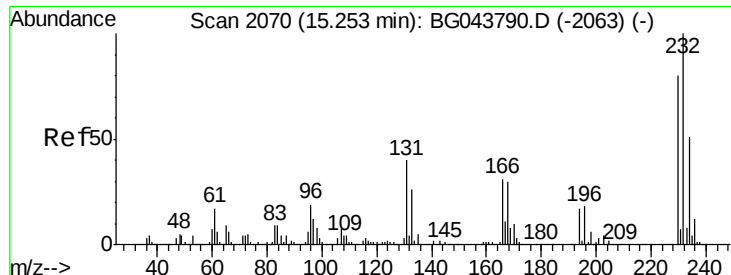
mohammad
12/12/2019 11:33:41 AM



#58
Fluorene
Concen: 40.638 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1638604		
165	100.9	80.5	120.7	
167	16.6	12.1	18.1	





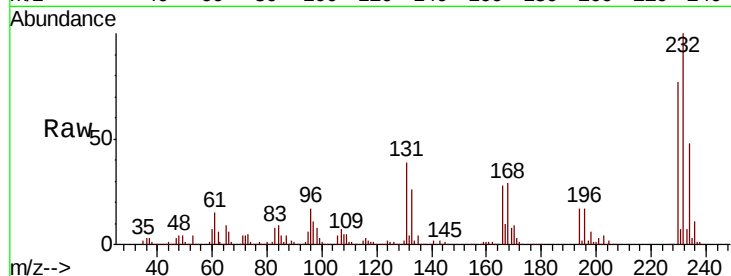
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.236 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	529887		
131	36.3		27.9	41.9
130	2.3		1.8	2.8
166	25.0		19.4	29.2

Manual Integrations
 APPROVED

mohammad
 12/12/2019 11:33:41 AM



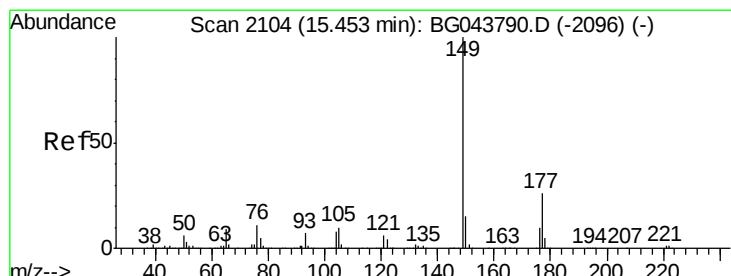
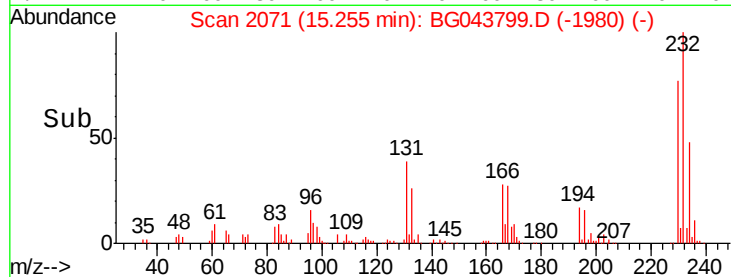
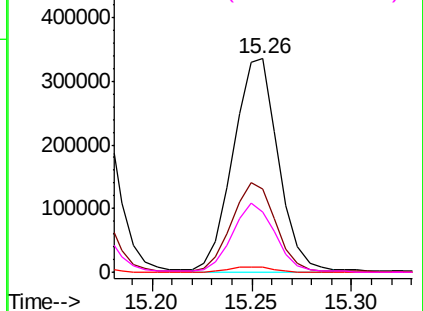
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

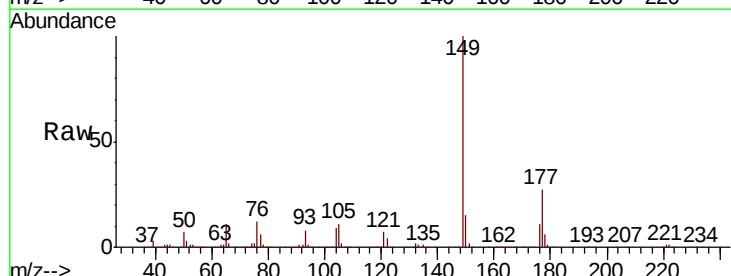
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.946 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1786186		
177	27.1		20.4	30.6
150	15.5		11.6	17.4

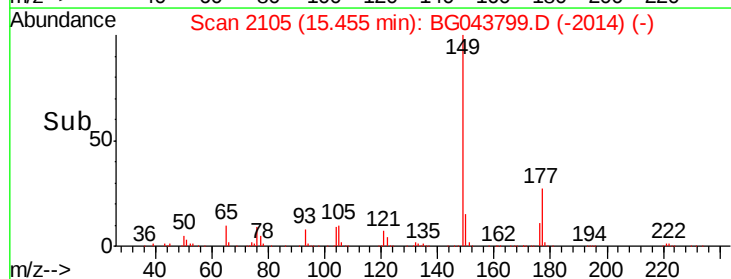
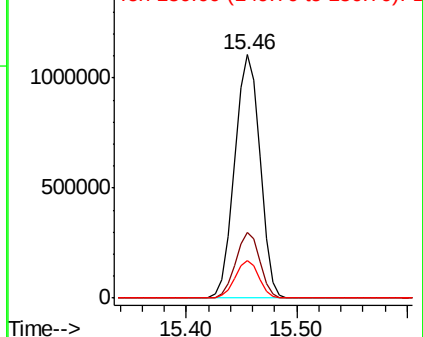


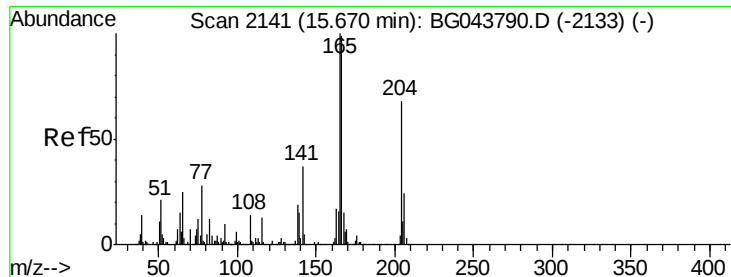
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





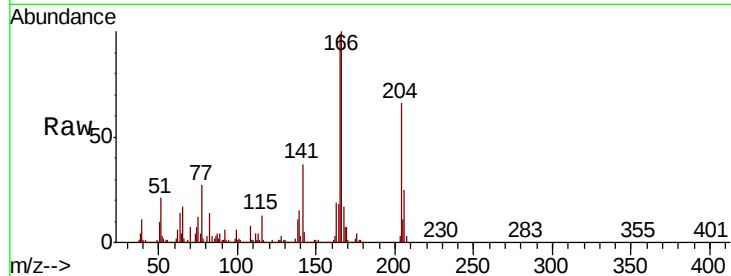
#61
4-Chlorophenyl-phenylether
Concen: 40.540 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	37.3	28.1	42.1	
141	56.3	44.1	66.1	

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM

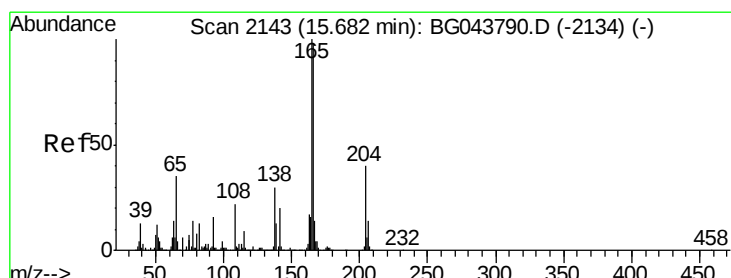
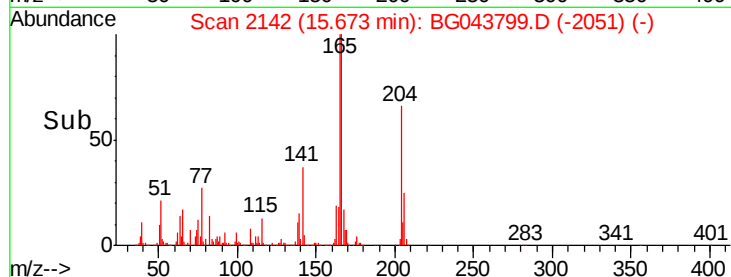
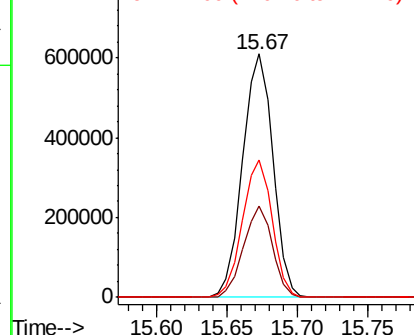


Abundance

Ion 204.00 (203.70 to 204.70): E

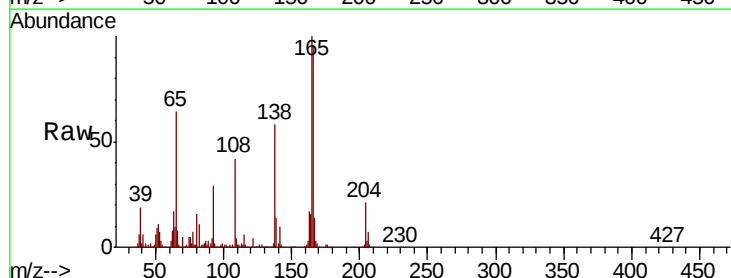
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.369 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	50.7	31.5	71.5	
108	72.2	53.1	93.1	

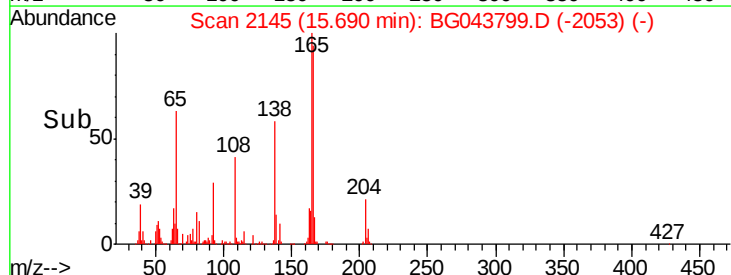
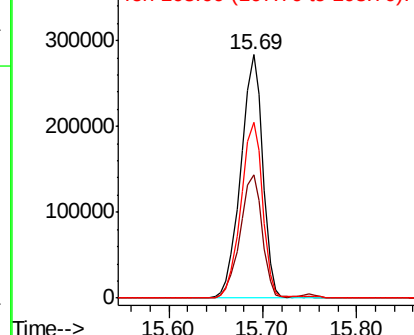


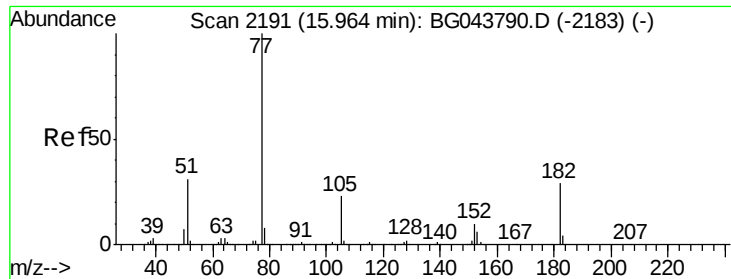
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





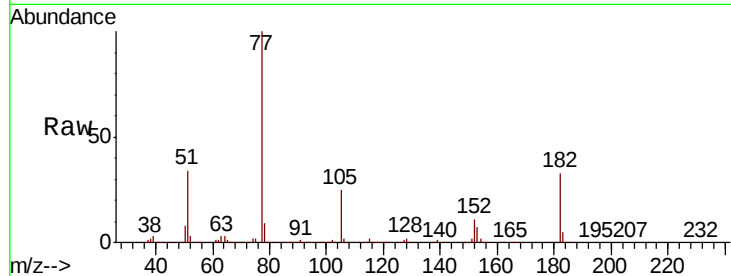
#63
Azobenzene
Concen: 41.282 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.9	9.0	49.0
105	25.2	2.9	42.9
51	34.3	10.6	50.6

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM



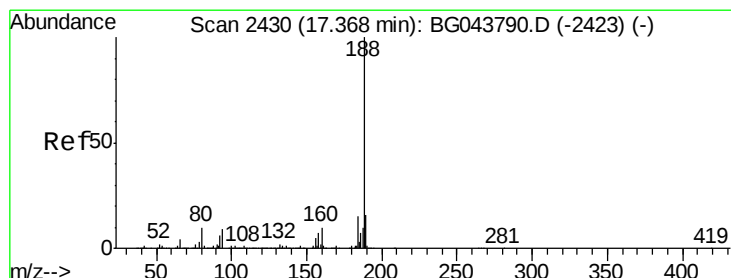
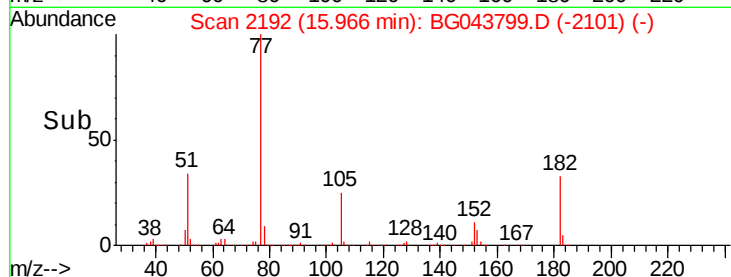
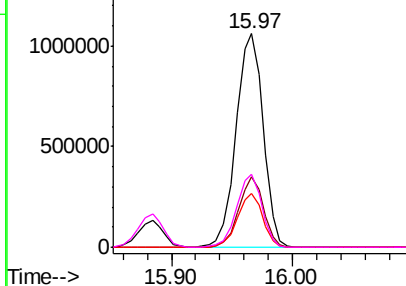
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

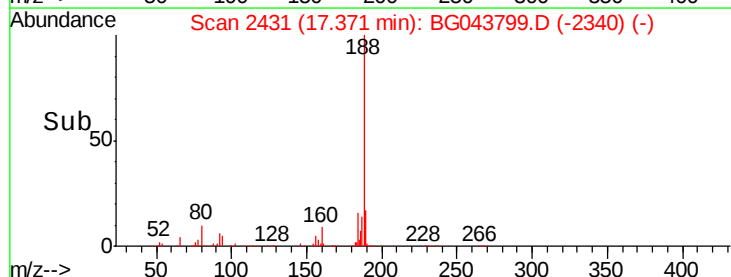
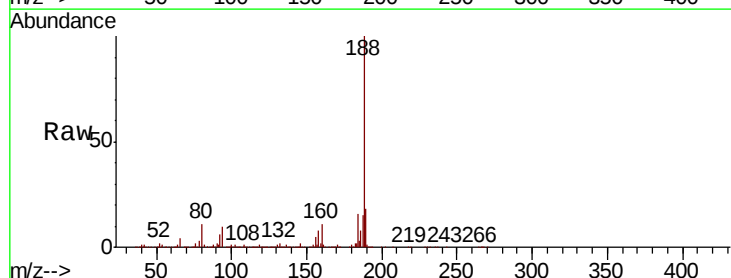
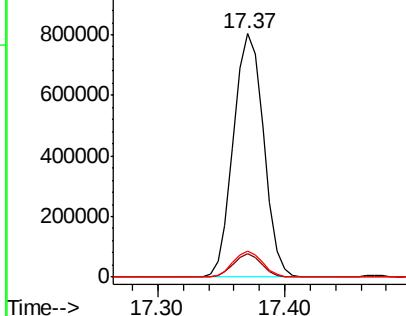
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.9	10.3
80	10.7	7.8	11.8

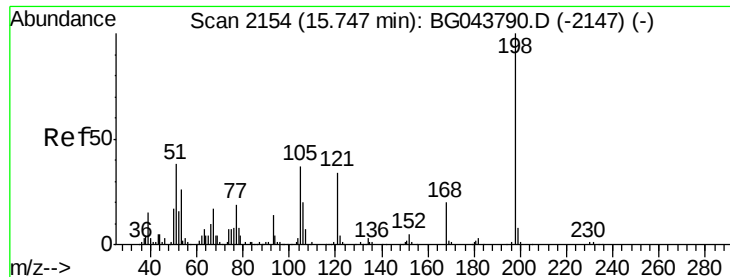
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 53.015 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

Tot Ion:198 Resp: 276833

Ion Ratio Lower Upper

198 100

51 39.8 18.9 58.9

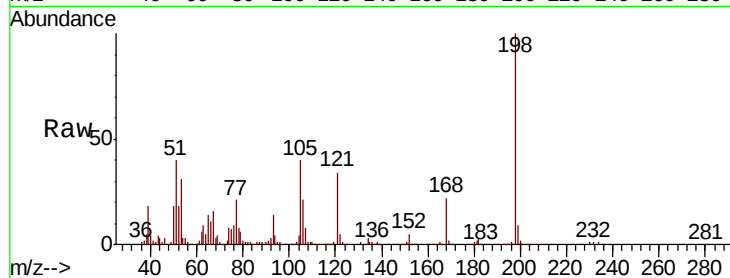
105 40.2 18.1 58.1

Manual Integrations

APPROVED

mohammad

12/12/2019 11:33:41 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

250000

200000

150000

100000

50000

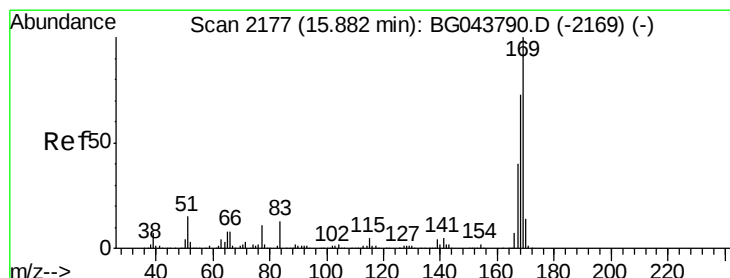
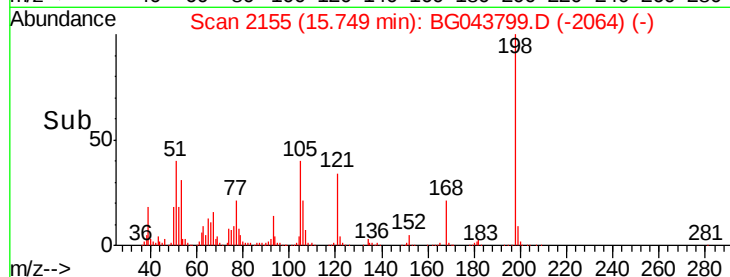
0

15.75

15.70

15.80

Time-->



#66

n-Nitrosodiphenylamine

Concen: 42.659 ng

RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

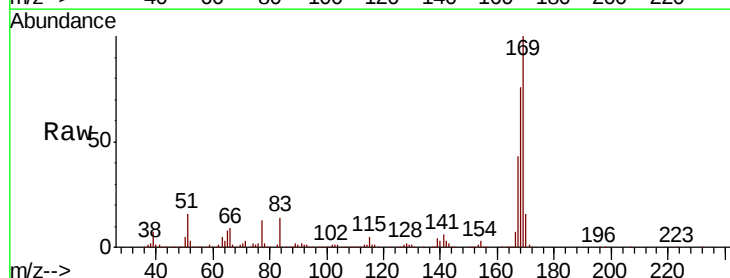
Tgt Ion:169 Resp: 1568109

Ion Ratio Lower Upper

169 100

168 75.7 58.5 87.7

167 43.4 32.1 48.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

1000000

500000

0

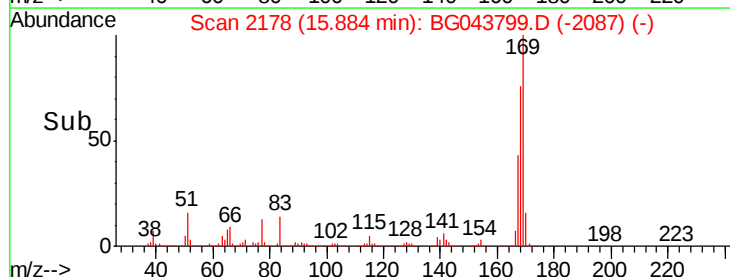
15.88

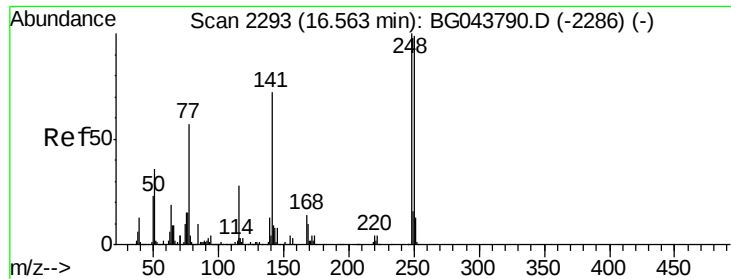
15.80

15.90

16.00

Time-->





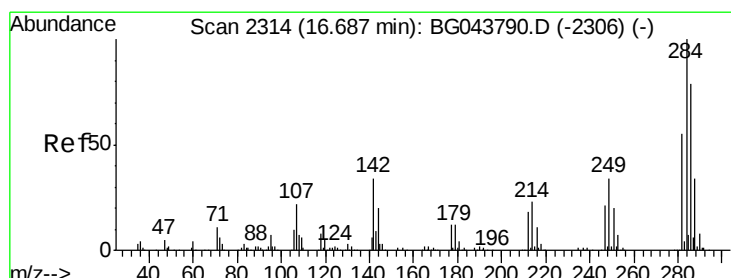
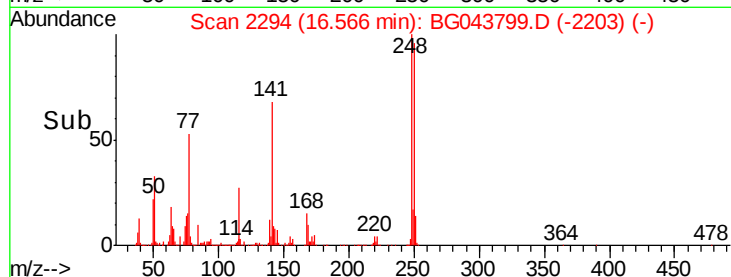
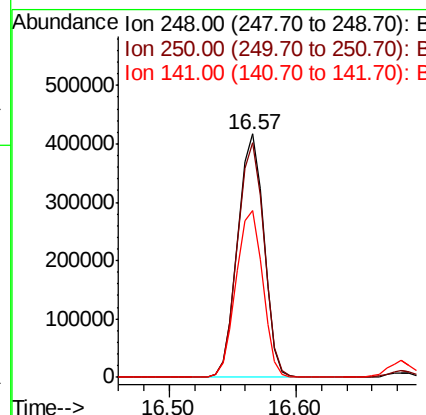
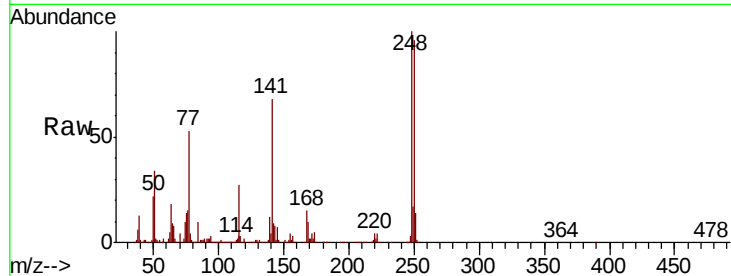
#67
4-Bromophenyl-phenylether
Concen: 42.069 ng
RT: 16.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.0	118.6
141	68.4	57.8	86.6

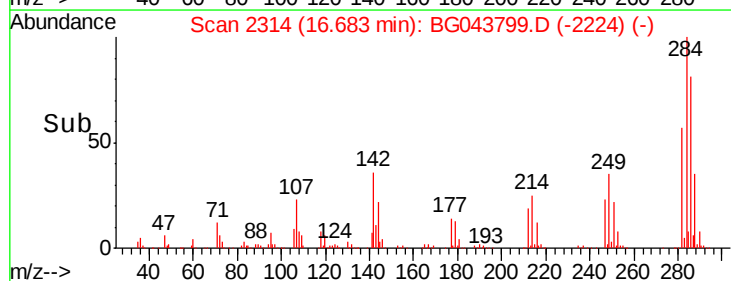
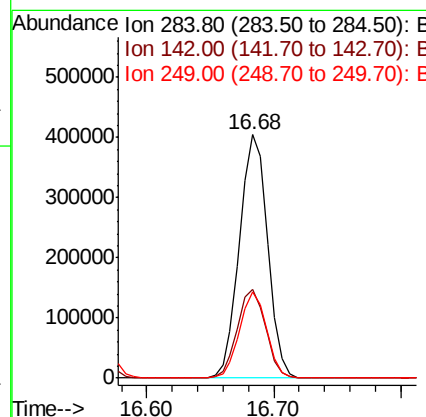
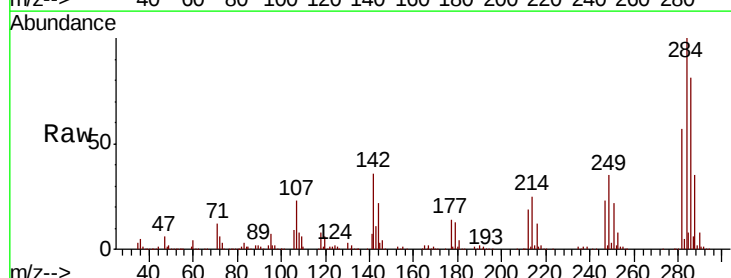
Manual Integrations
APPROVED

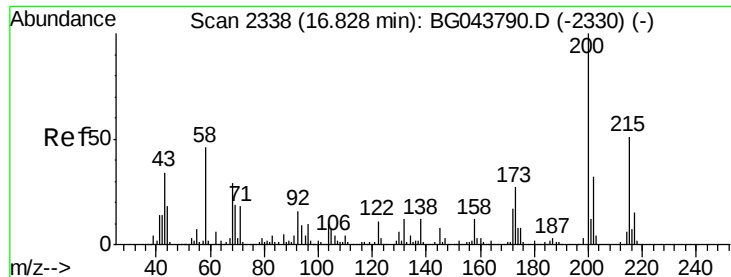
mohammad
12/12/2019 11:33:41 AM



#68
Hexachlorobenzene
Concen: 41.258 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	27.0	40.6
249	35.4	27.2	40.8





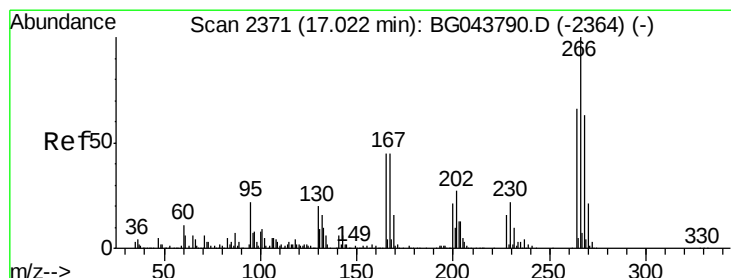
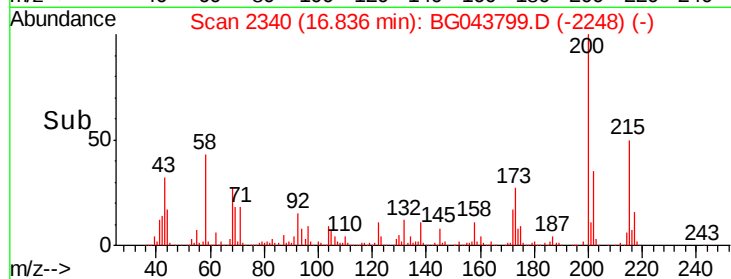
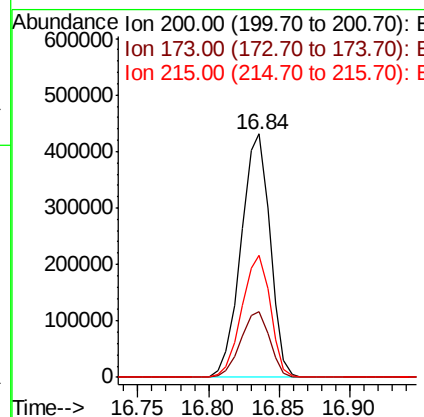
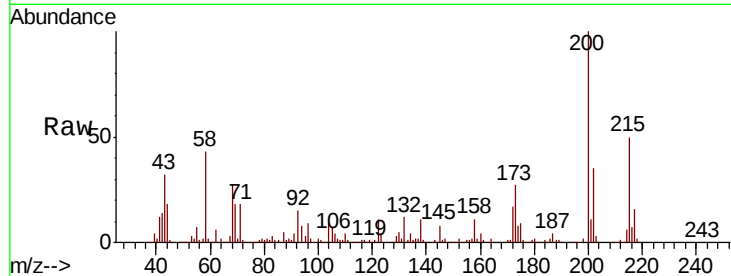
#69
Atrazine
Concen: 52.745 ng
RT: 16.84 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.4	47.4
215	50.1	30.5	70.5

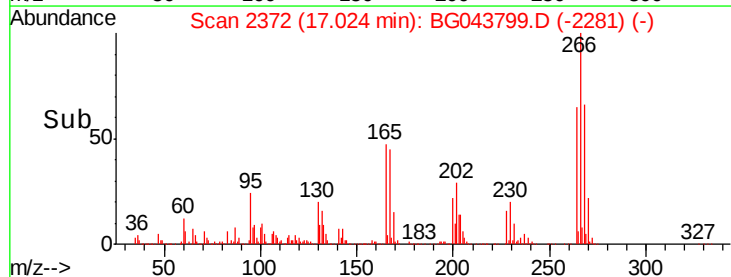
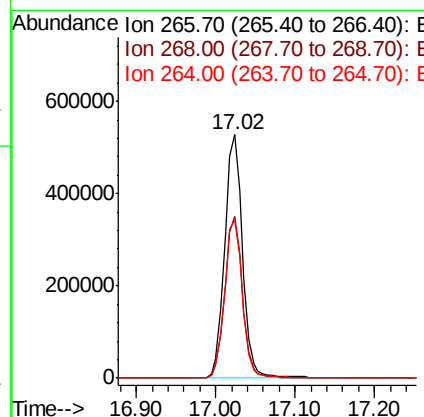
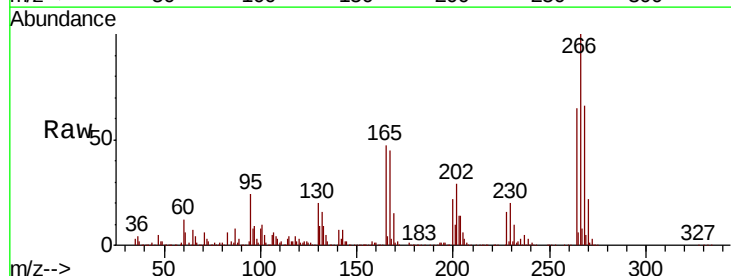
Manual Integrations
APPROVED

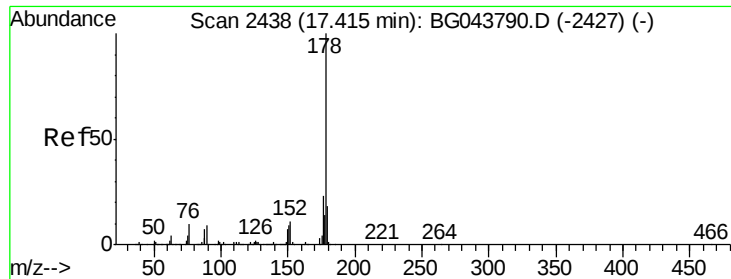
mohammad
12/12/2019 11:33:41 AM



#70
Pentachlorophenol
Concen: 103.120 ng
RT: 17.02 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	50.8	76.2
264	64.8	53.0	79.4





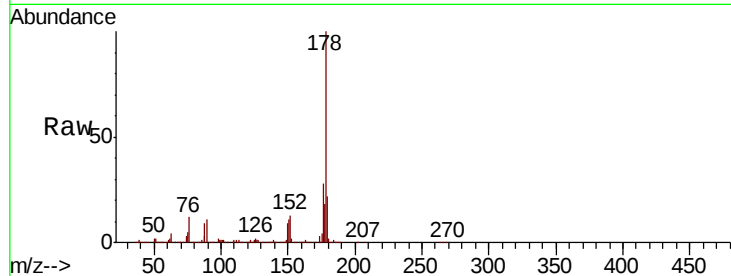
#71
Phenanthrene
Concen: 40.390 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

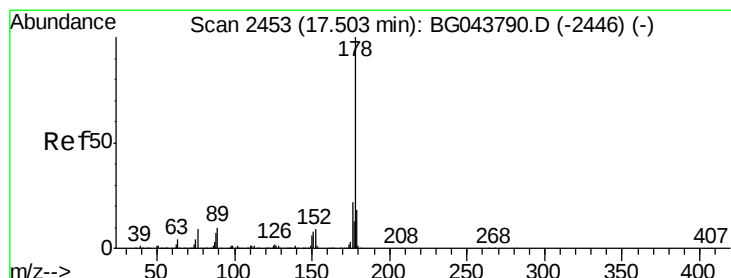
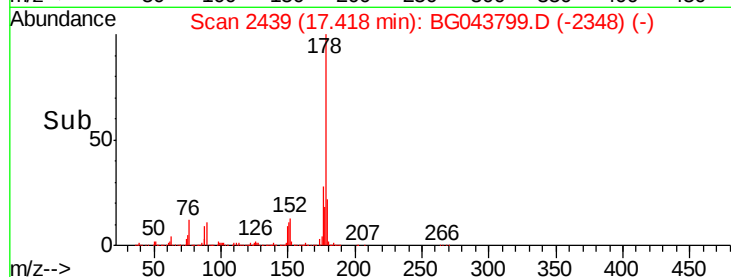
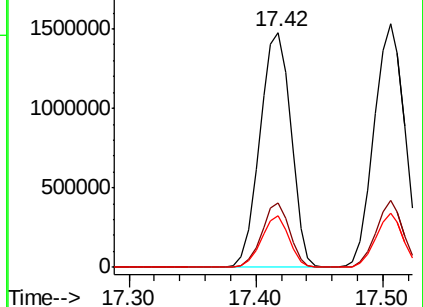
Tot Ion:178 Resp: 2528862
Ion Ratio Lower Upper
178 100
176 27.5 18.6 27.8
179 21.8 14.7 22.1

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM

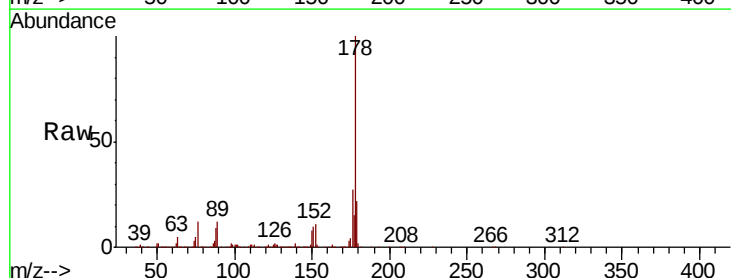


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

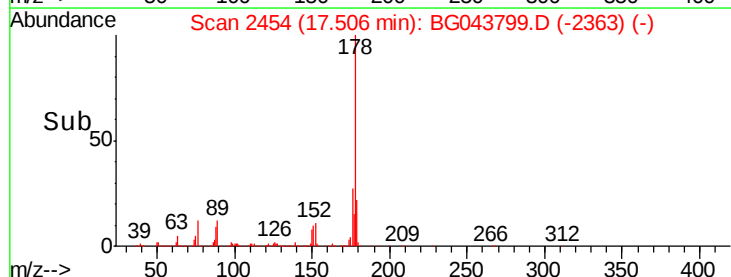
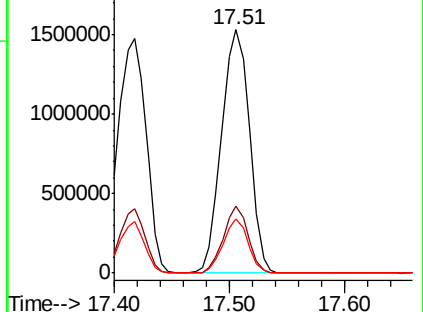


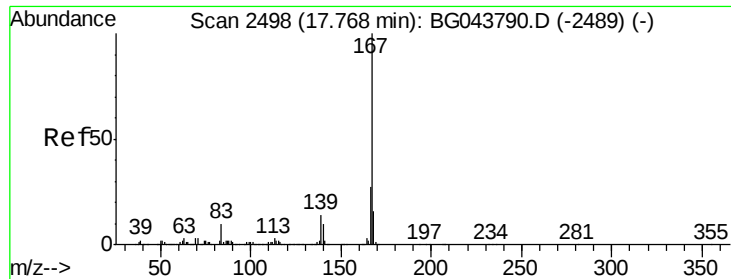
#72
Anthracene
Concen: 41.444 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion:178 Resp: 2568617
Ion Ratio Lower Upper
178 100
176 27.5 17.7 26.5#
179 22.1 14.5 21.7#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





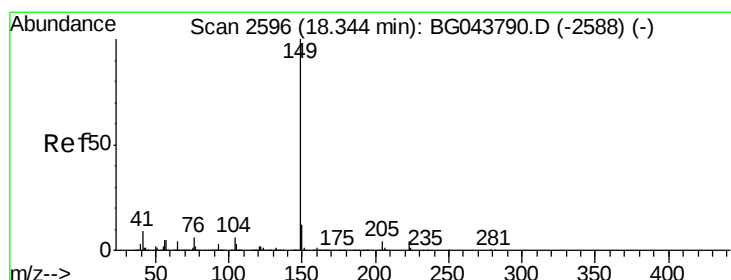
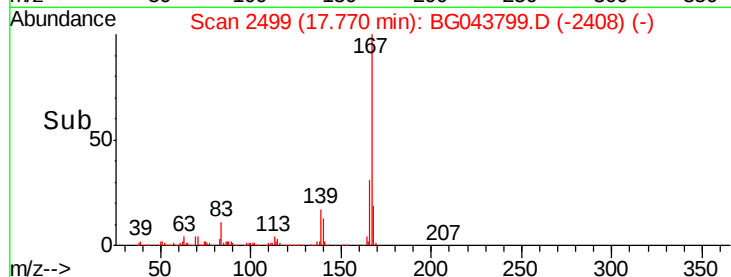
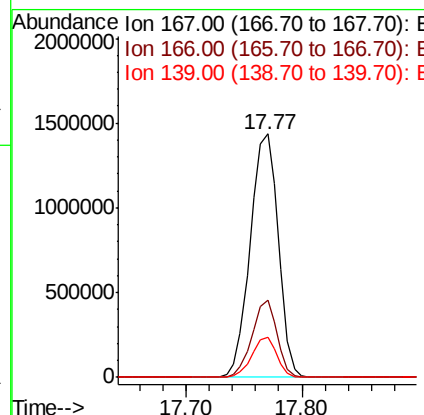
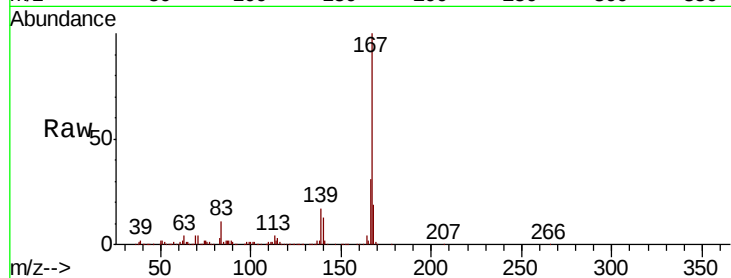
#73
 Carbazole
 Concen: 41.910 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	31.5	21.4	32.2
139	16.6	11.0	16.4

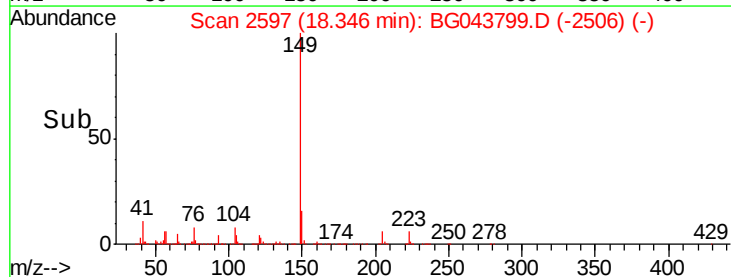
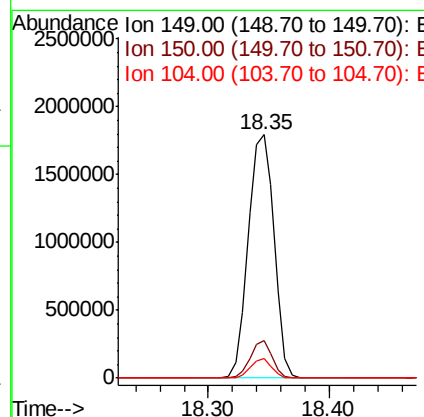
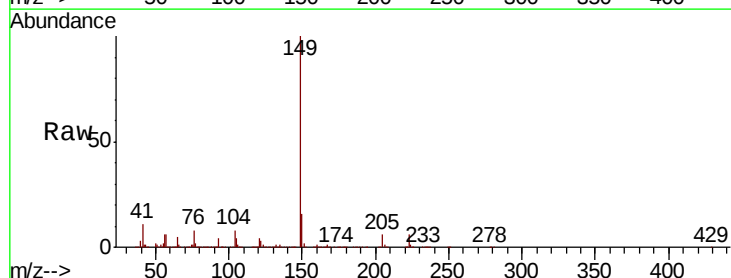
Manual Integrations
 APPROVED

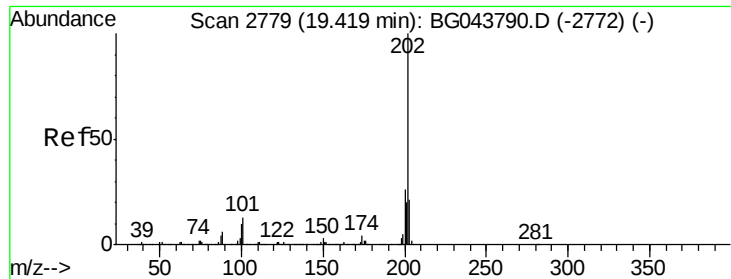
mohammad
 12/12/2019 11:33:41 AM



#74
 Di-n-butylphthalate
 Concen: 40.335 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	15.6	9.4	14.0
104	8.1	4.8	7.2





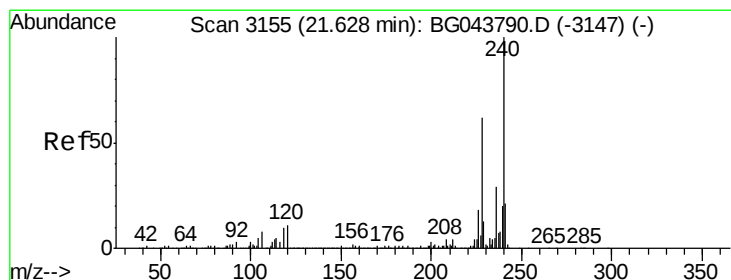
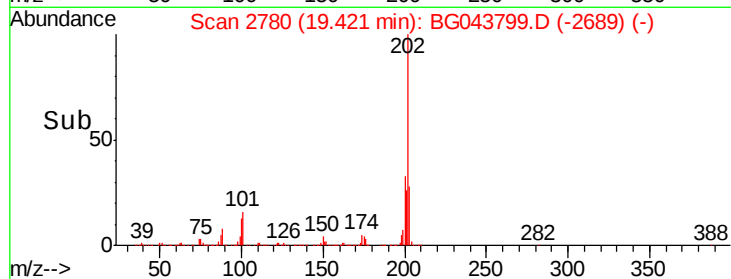
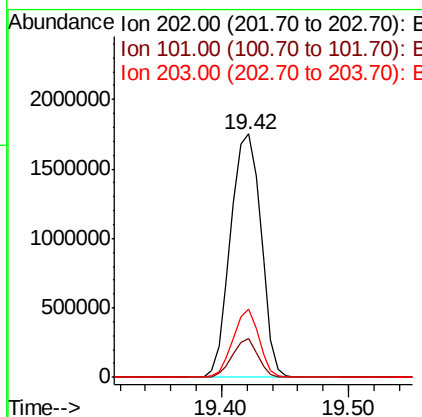
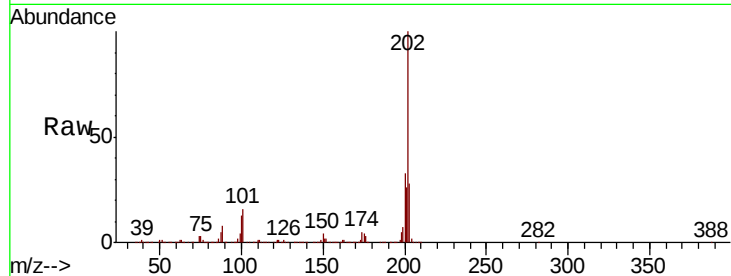
#75
 Fluoranthene
 Concen: 40.593 ng
 RT: 19.42 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	32.7
203	27.9	1.0	41.0

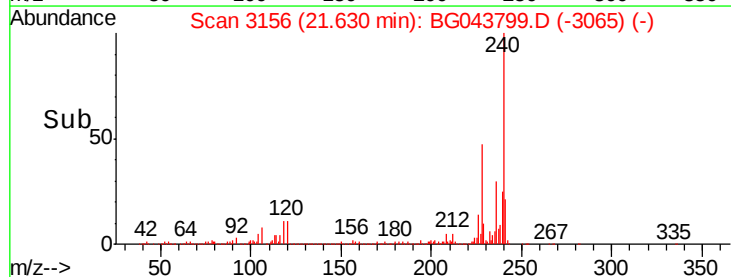
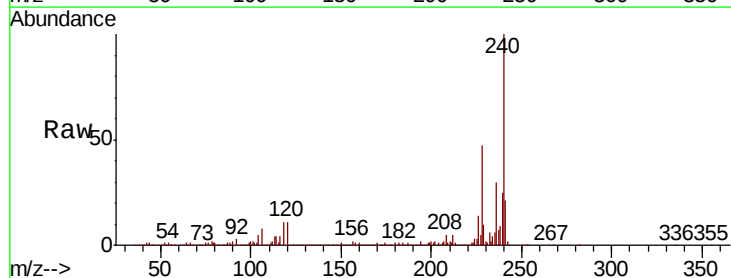
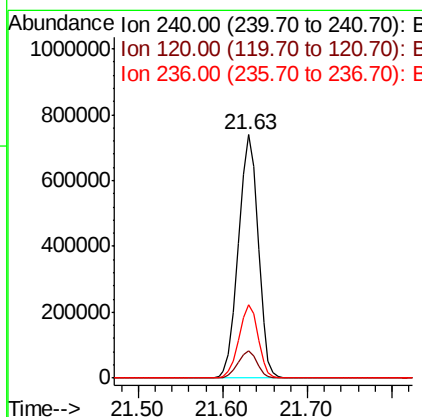
Manual Integrations
 APPROVED

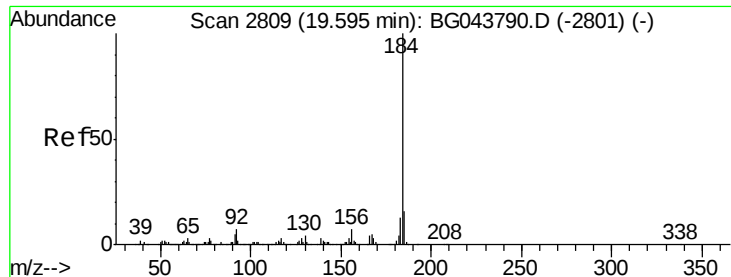
mohammad
 12/12/2019 11:33:41 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.6	12.8
236	30.3	23.1	34.7





#77

Benzidine

Concen: 36.048 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

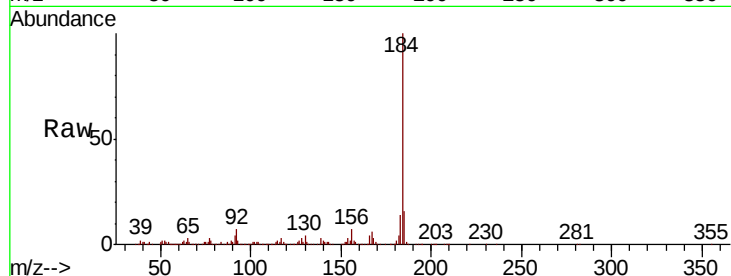
ClientSampleId :

PB125381BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.9	19.3
183	14.1	10.3	15.5

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM

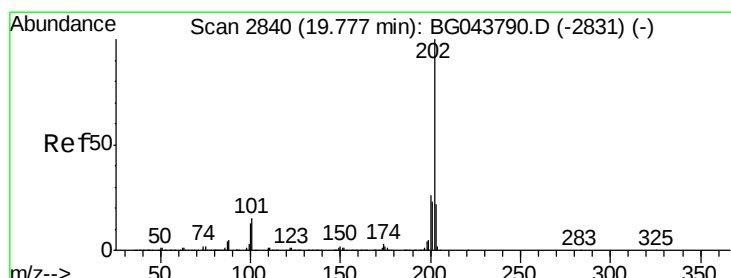
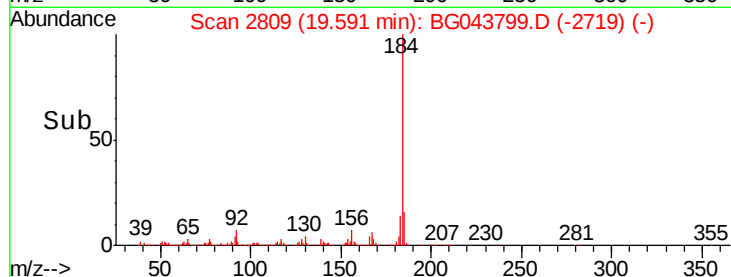
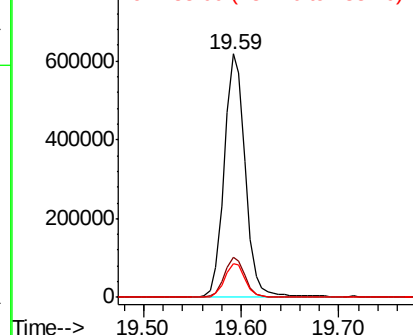


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.836 ng

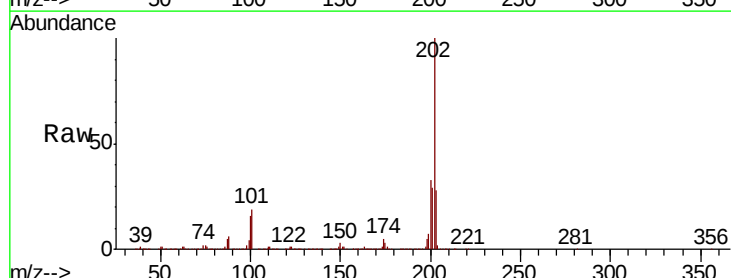
RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	33.4	20.8	31.2#
203	27.5	17.7	26.5#

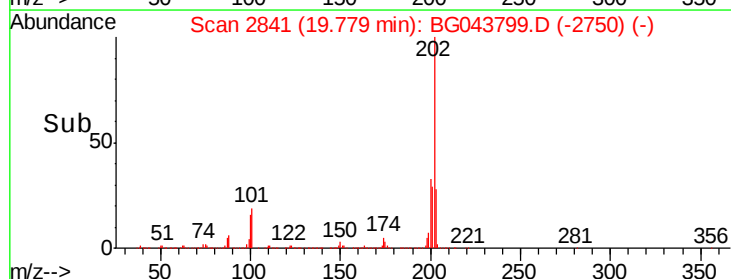
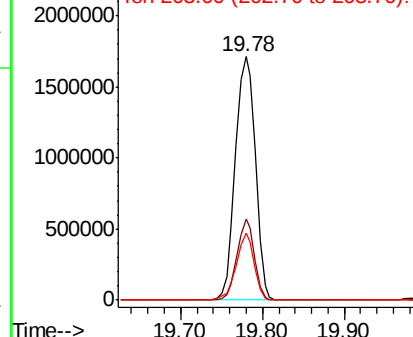


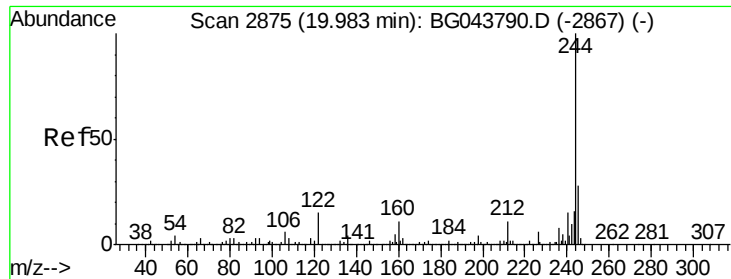
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





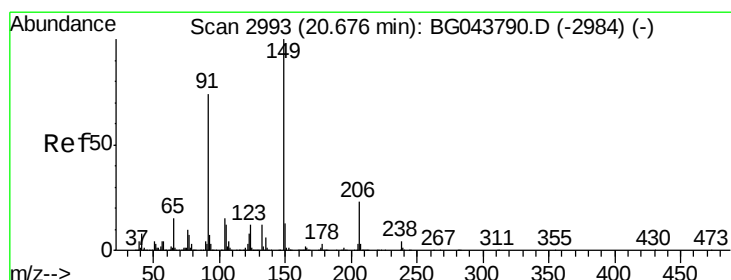
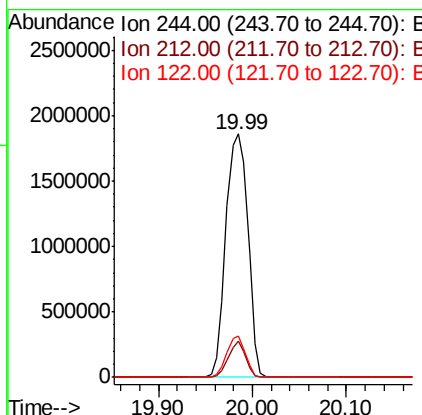
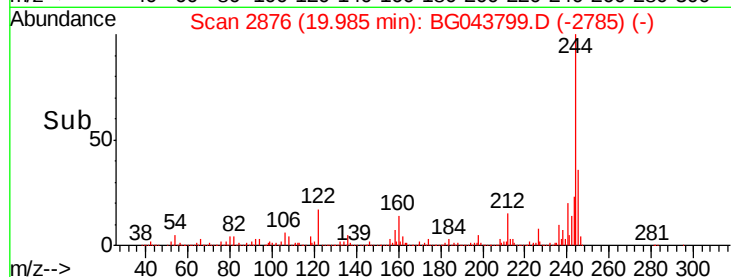
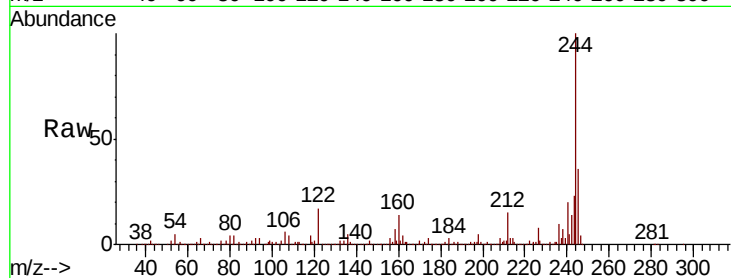
#79
 Terphenyl-d14
 Concen: 61.918 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

Tot Ion:244 Resp: 3039764
 Ion Ratio Lower Upper
 244 100
 212 14.7 9.1 13.7#
 122 17.1 11.6 17.4

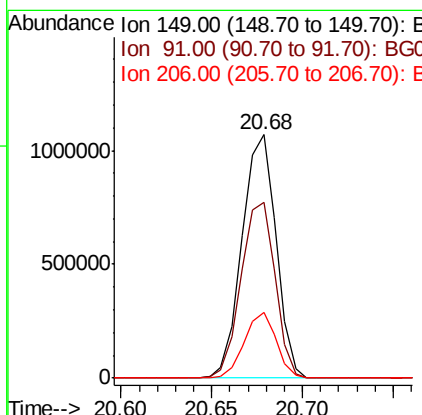
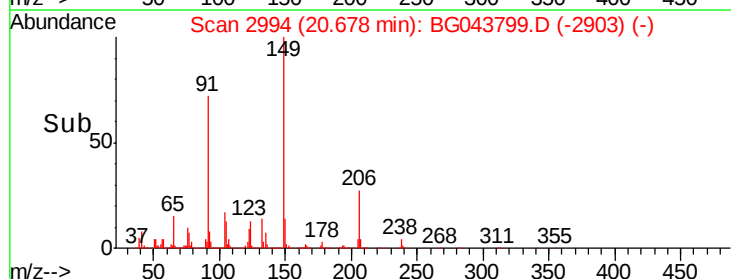
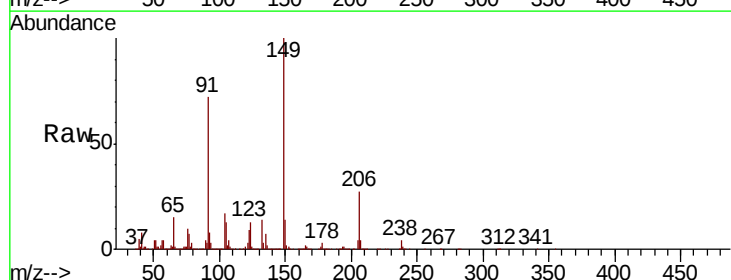
Manual Integrations
 APPROVED

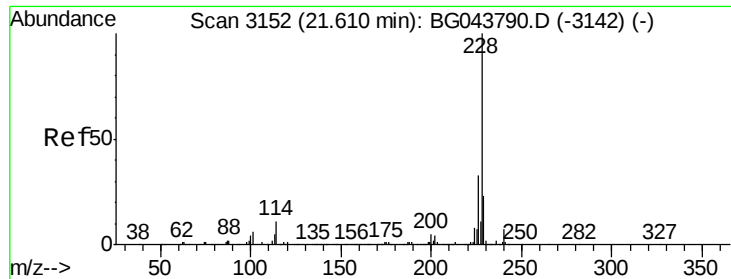
mohammad
 12/12/2019 11:33:41 AM



#80
 Butylbenzylphthalate
 Concen: 43.340 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. 0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Tgt Ion:149 Resp: 1393228
 Ion Ratio Lower Upper
 149 100
 91 72.5 59.0 88.4
 206 27.0 18.6 28.0





#81

Benzo(a)anthracene

Concen: 39.219 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

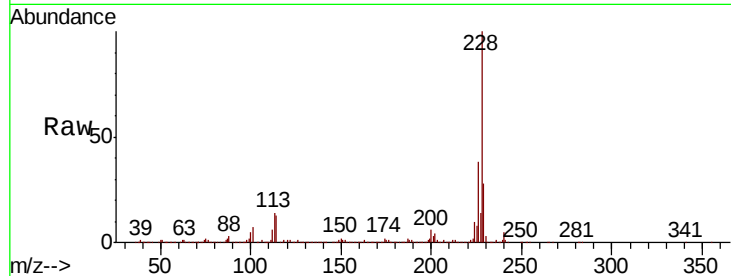
ClientSampleId :

PB125381BS

Tot Ion:	228	Resp:	2923525
Ion	Ratio	Lower	Upper
228	100		
226	38.4	26.1	39.1
229	27.5	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/12/2019 11:33:41 AM

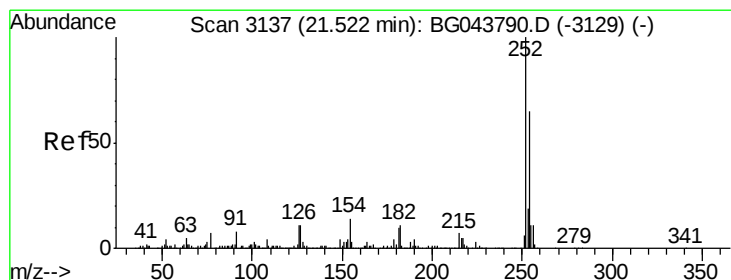
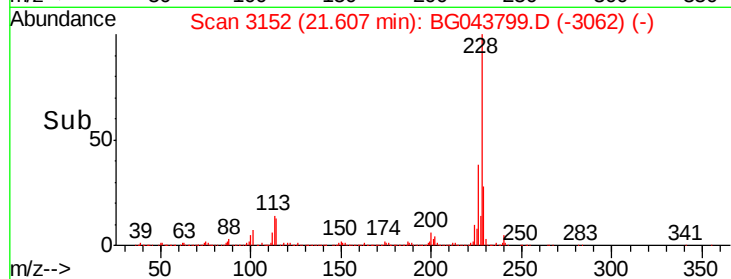
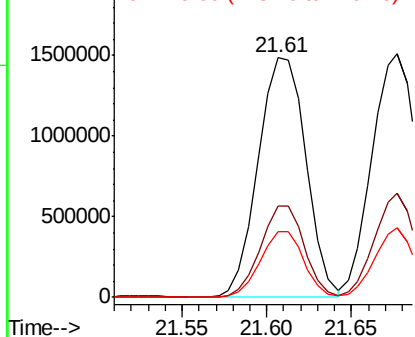


Abundance

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: 42.246 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

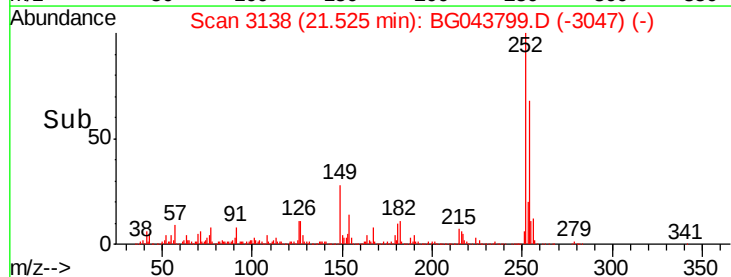
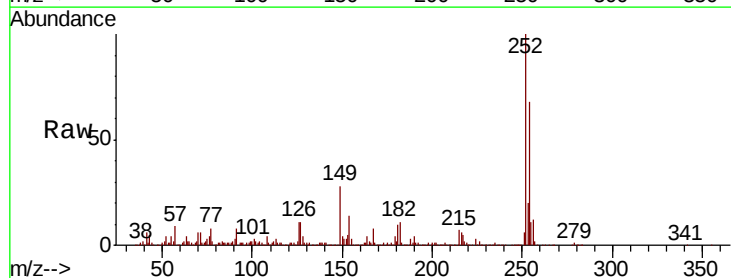
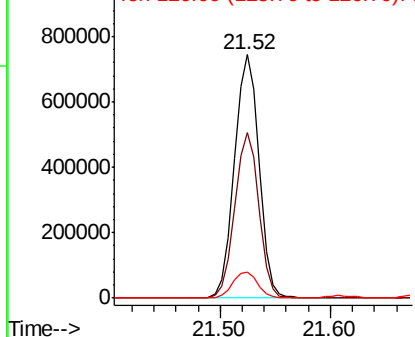
Tgt Ion:	252	Resp:	1163329
Ion	Ratio	Lower	Upper
252	100		
254	67.9	52.2	78.2
126	10.9	8.7	13.1

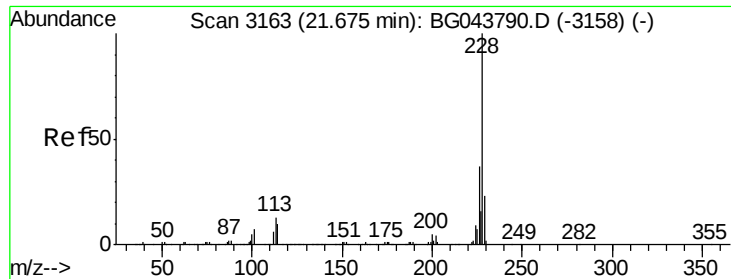
Abundance

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





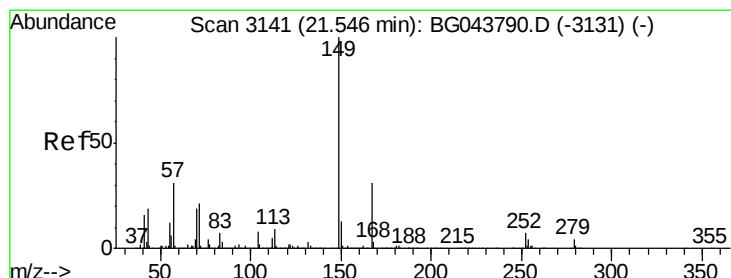
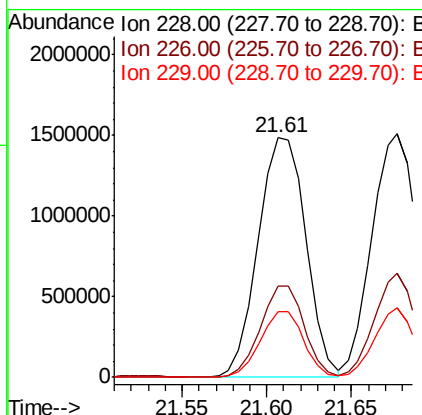
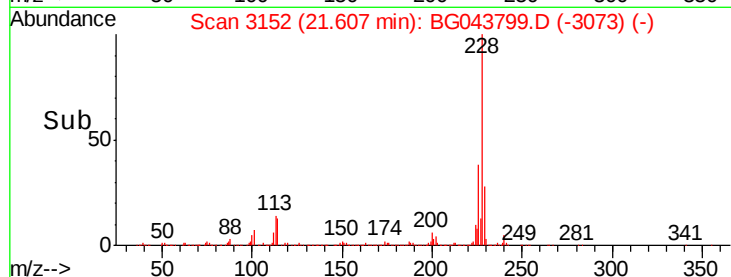
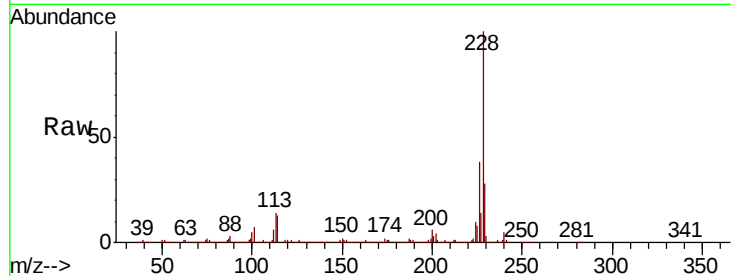
#83
 Chrysene
 Concen: 41.165 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.07 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB125381BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.4	29.1	43.7
229	27.5	18.6	28.0

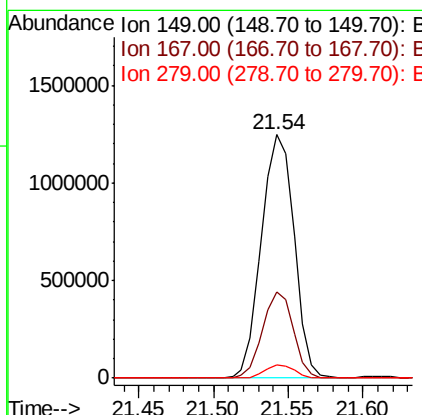
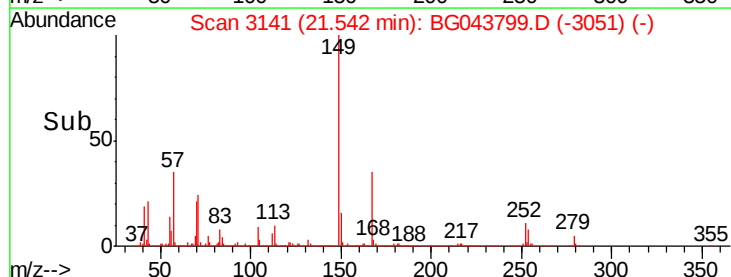
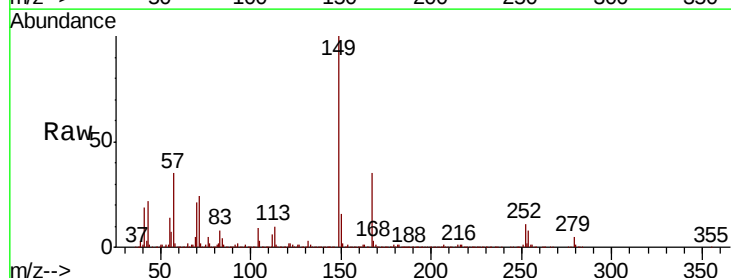
Manual Integrations
 APPROVED

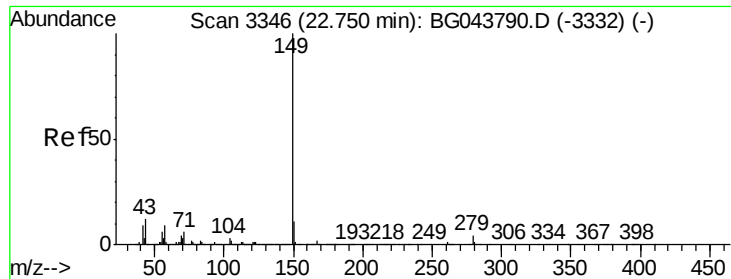
mohammad
 12/12/2019 11:33:41 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.132 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG043799.D
 Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	35.2	25.1	37.7
279	5.3	3.5	5.3#





#85

Di-n-octyl phthalate

Concen: 42.916 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

Tot Ion:149 Resp: 3235023

Ion Ratio Lower Upper

149 100

167 2.1 1.4 2.2

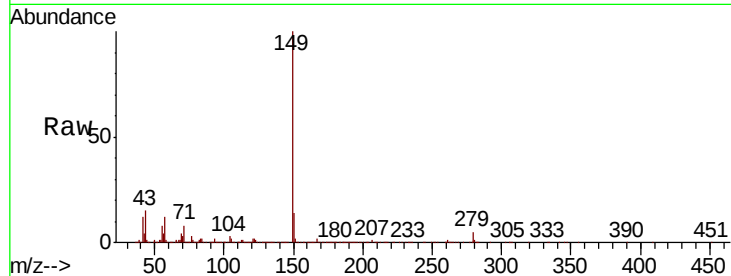
43 12.8 8.8 13.2

Manual Integrations

APPROVED

mohammad

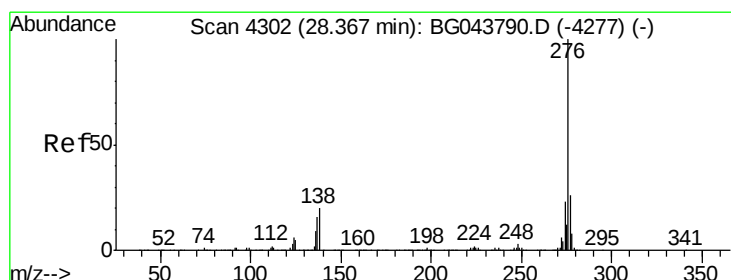
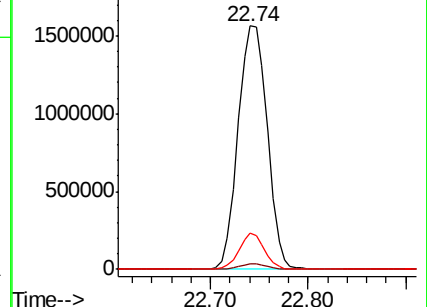
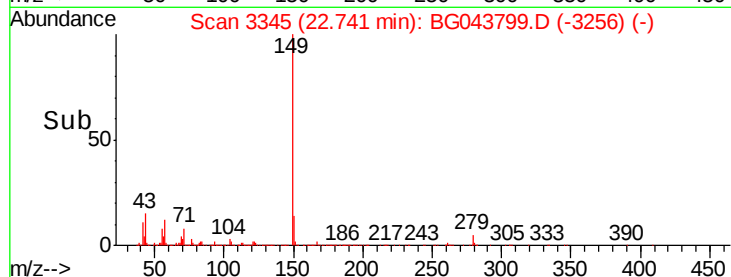
12/12/2019 11:33:41 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.541 ng

RT: 28.38 min Scan# 4304

Delta R.T. 0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

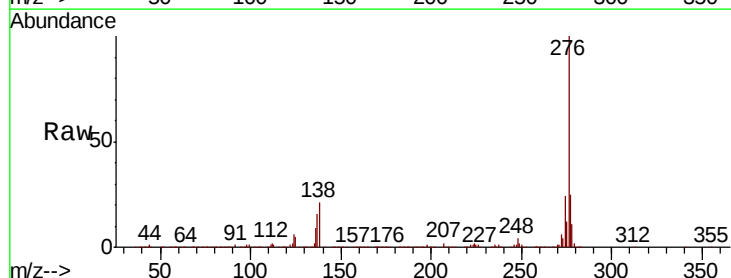
Tgt Ion:276 Resp: 3867005

Ion Ratio Lower Upper

276 100

138 16.9 14.6 21.8

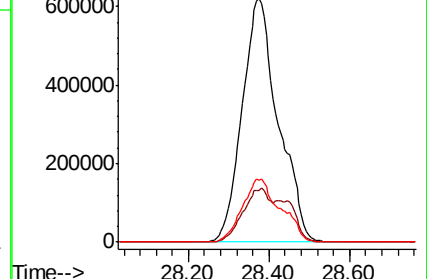
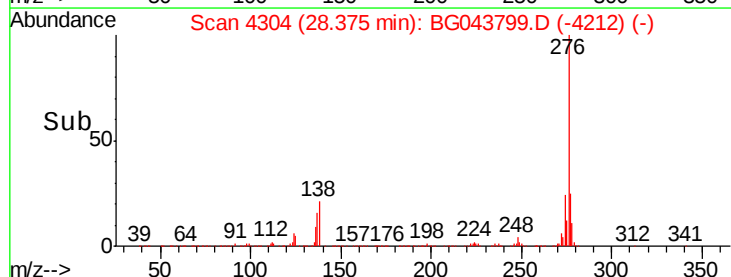
277 27.4 21.2 31.8

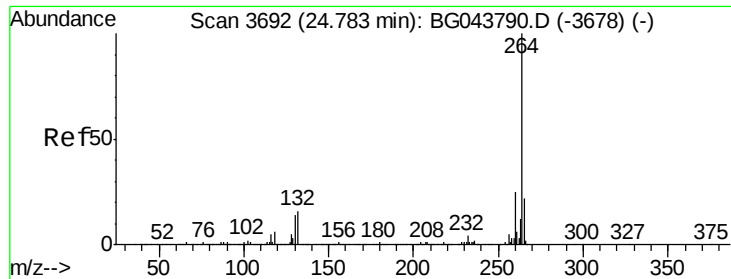


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





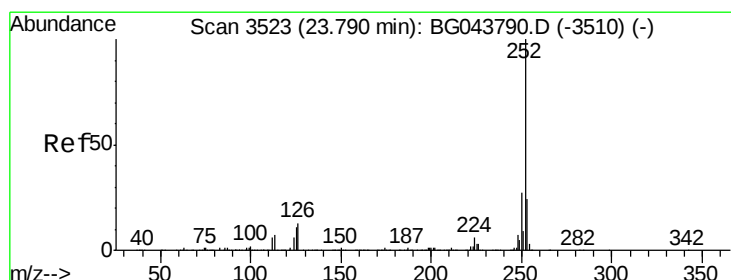
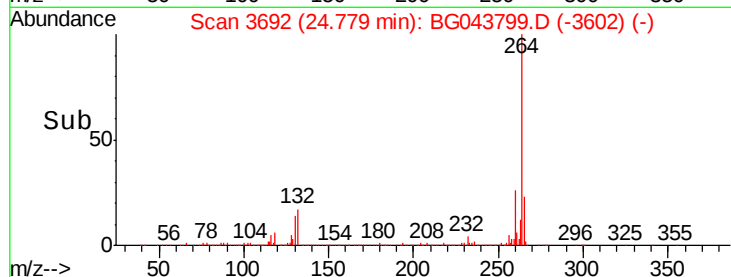
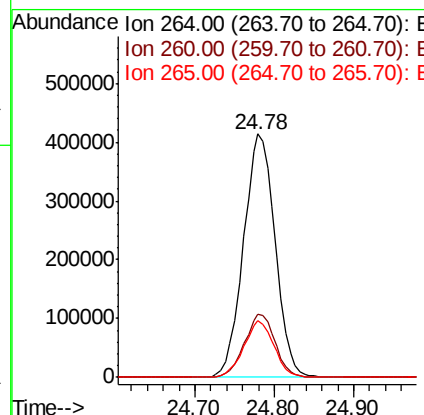
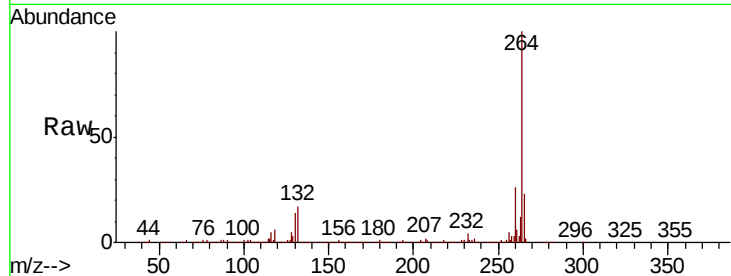
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Instrument :
BNA_G
ClientSampleId :
PB125381BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.8	29.8
265	23.5	17.9	26.9

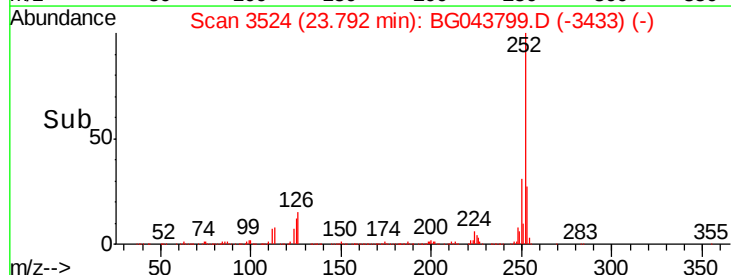
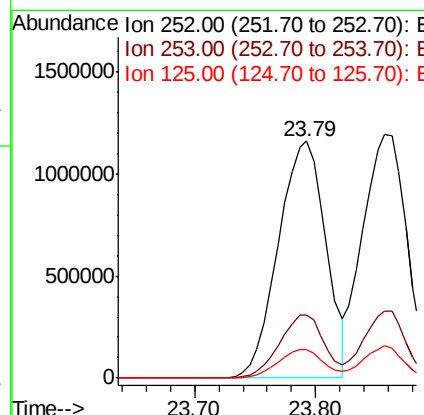
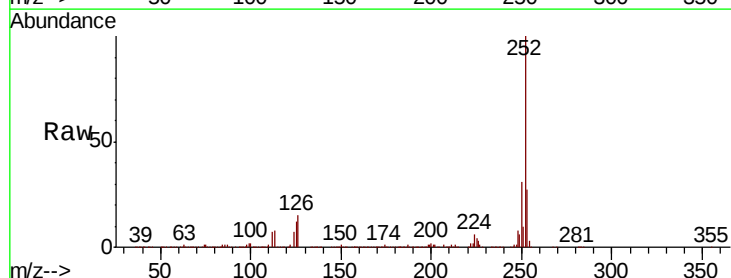
Manual Integrations
APPROVED

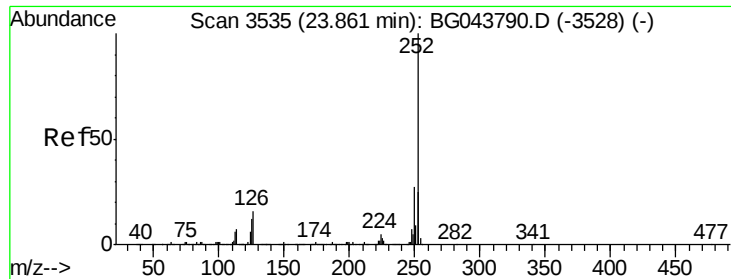
mohammad
12/12/2019 11:33:41 AM



#88
Benzo(b)fluoranthene
Concen: 47.985 ng
RT: 23.79 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BG043799.D
Acq: 11 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.5	29.3
125	12.1	9.0	13.4





#89

Benzo(k)fluoranthene

Concen: 47.808 ng

RT: 23.86 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

Tot Ion:252 Resp: 3044082

Ion Ratio Lower Upper

252 100

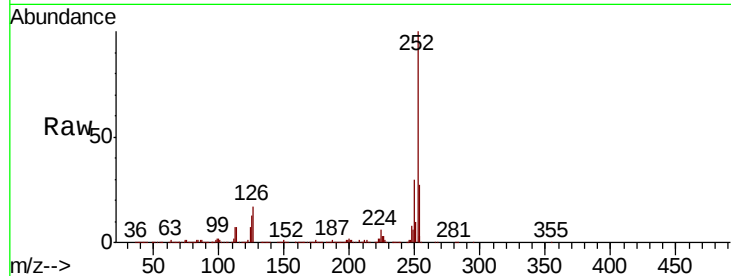
253 27.4 19.4 29.0

125 13.1 8.9 13.3

Manual Integrations
APPROVED

mohammad

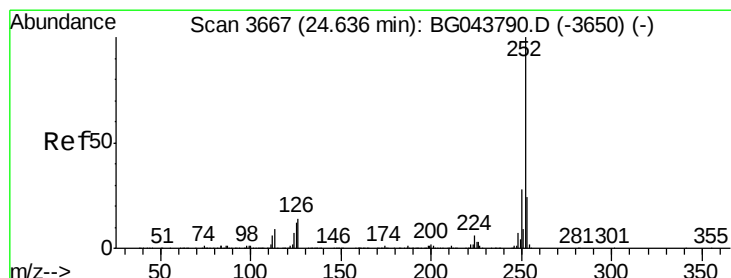
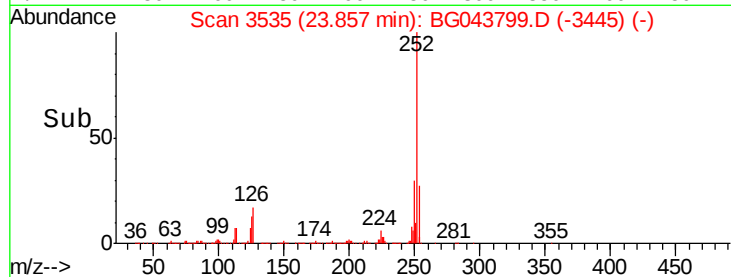
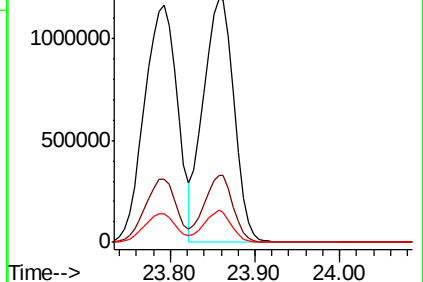
12/12/2019 11:33:41 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.082 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

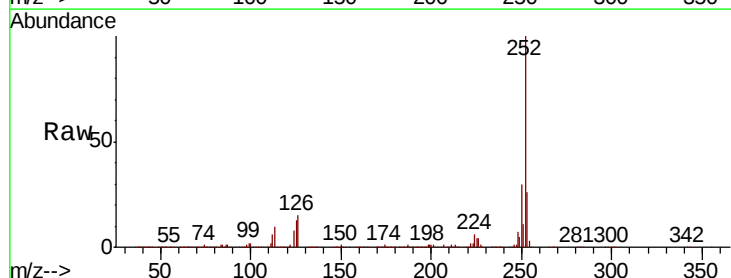
Tgt Ion:252 Resp: 2957485

Ion Ratio Lower Upper

252 100

253 25.5 19.1 28.7

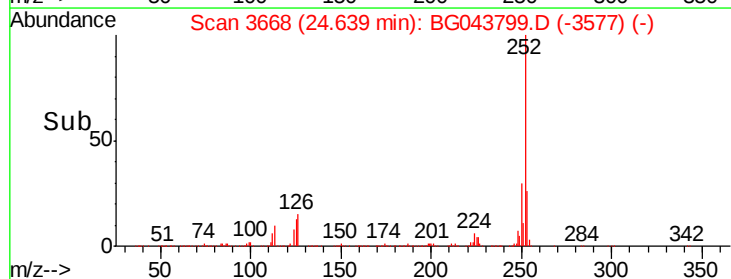
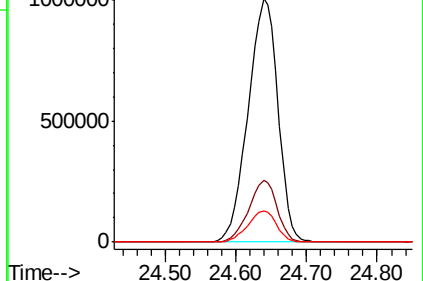
125 12.9 9.4 14.0

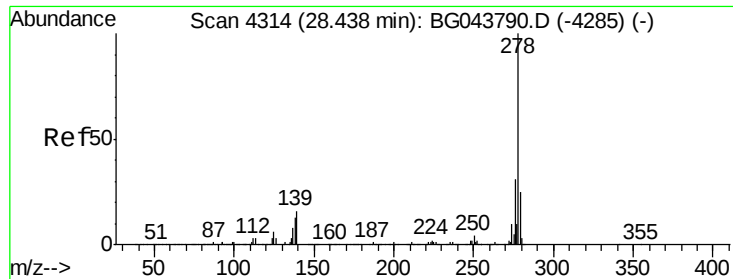


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.458 ng

RT: 28.45 min Scan# 4316

Delta R.T. 0.01 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_G

ClientSampleId :

PB125381BS

Tot Ion:278 Resp: 3165859

Ion Ratio Lower Upper

278 100

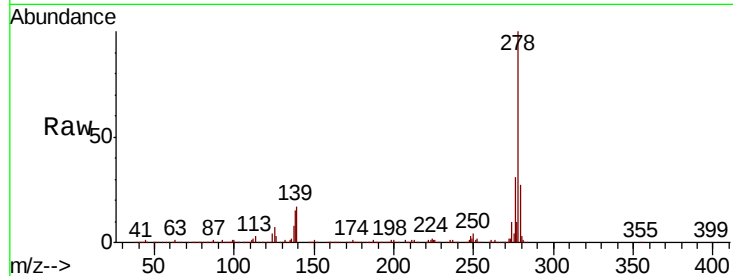
139 17.3 13.2 19.8

279 26.7 19.8 29.6

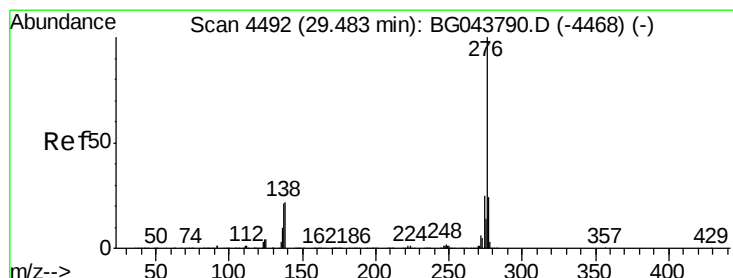
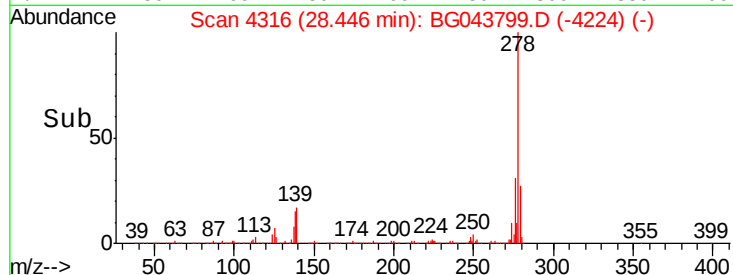
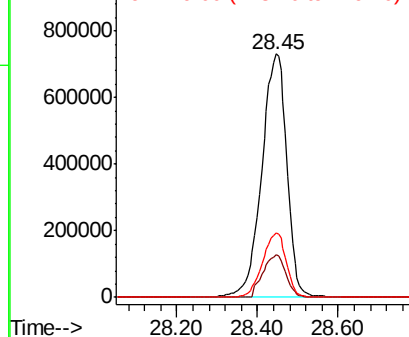
Manual Integrations
APPROVED

mohammad

12/12/2019 11:33:41 AM



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



#92

Benzo(g,h,i)perylene

Concen: 51.734 ng

RT: 29.50 min Scan# 4496

Delta R.T. 0.02 min

Lab File: BG043799.D

Acq: 11 Dec 2019 17:31

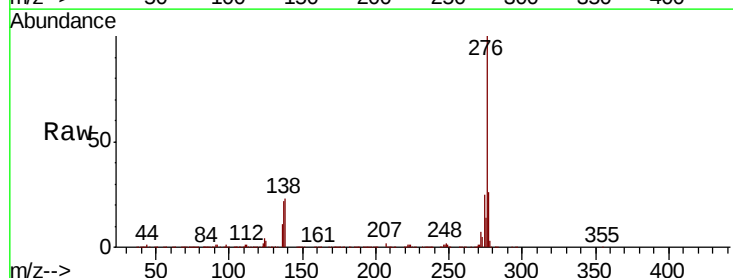
Tgt Ion:276 Resp: 3203110

Ion Ratio Lower Upper

276 100

277 25.8 19.3 28.9

138 23.1 17.6 26.4



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

