

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041827.D
 Acq On : 31 Jul 2019 9:33
 Operator : HP/JU
 Sample : PB121772BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121772BS

Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:05:24 PM

Quant Time: Jul 31 12:42:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	98441	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	399927	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	293544	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	660939	20.00	ng	0.00
76) Chrysene-d12	21.74	240	650780	20.00	ng	0.00
87) Perylene-d12	25.01	264	727309	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	633126	125.13	ng	0.00
7) Phenol-d6	7.20	99	869301	127.44	ng	0.00
23) Nitrobenzene-d5	9.21	82	510408	87.83	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	469931	140.94	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1388106	83.40	ng	0.00
79) Terphenyl-d14	20.06	244	2264190	79.61	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.47	88	90072	37.823 ng	90
3) Pyridine	3.87	79	165477	25.339 ng	88
4) n-Nitrosodimethylamine	3.78	42	91274	35.257 ng	88
6) Aniline	7.36	93	286328	29.811 ng	96
8) 2-Chlorophenol	7.61	128	244139	42.139 ng	92
9) Benzaldehyde	7.17	77	43103m	8.980 ng	
10) Phenol	7.22	94	295521	41.644 ng	98
11) bis(2-Chloroethyl)ether	7.46	93	217506	37.283 ng	93
12) 1,3-Dichlorobenzene	7.93	146	265989	35.176 ng	98
13) 1,4-Dichlorobenzene	8.08	146	269216	35.581 ng	98
14) 1,2-Dichlorobenzene	8.40	146	260860	36.131 ng	94
15) Benzyl Alcohol	8.28	79	214799	40.027 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	361690	34.848 ng	95
17) 2-Methylphenol	8.48	107	208451	40.390 ng	98
18) Hexachloroethane	9.14	117	93415	36.053 ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	179999	36.347 ng	91
20) 3+4-Methylphenols	8.81	107	289738	41.025 ng	100
22) Acetophenone	8.87	105	354687	39.650 ng	# 94
24) Nitrobenzene	9.25	77	259272	42.348 ng	96
25) Isophorone	9.78	82	497447	39.348 ng	98
26) 2-Nitrophenol	9.97	139	143282	50.425 ng	96
27) 2,4-Dimethylphenol	10.03	122	241168	48.089 ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	304197	38.505 ng	98
29) 2,4-Dichlorophenol	10.51	162	277498	45.437 ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	304571	39.327 ng	98
31) Naphthalene	10.92	128	746366	40.777 ng	98
32) Benzoic acid	10.17	122	147838	42.489 ng	98
33) 4-Chloroaniline	11.02	127	217838	25.096 ng	96
34) Hexachlorobutadiene	11.22	225	199855	38.236 ng	97
35) Caprolactam	11.79	113	95545m	45.017 ng	
36) 4-Chloro-3-methylphenol	12.14	107	274610	45.354 ng	98
37) 2-Methylnaphthalene	12.53	142	602831	41.609 ng	100
38) 1-Methylnaphthalene	12.75	142	570895	41.581 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	376971	40.570 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041827.D
 Acq On : 31 Jul 2019 9:33
 Operator : HP/JU
 Sample : PB121772BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121772BS

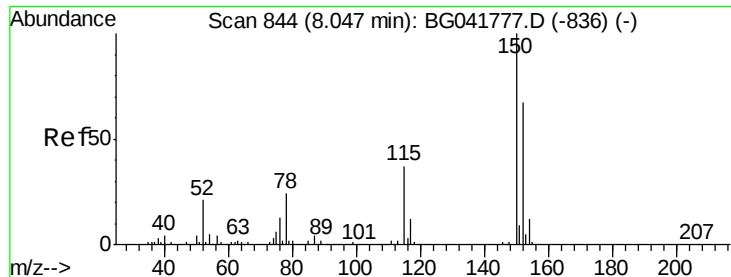
Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:05:24 PM

Quant Time: Jul 31 12:42:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	445869	85.347	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	258792	44.066	nq	100
44) 2,4,5-Trichlorophenol	13.20	196	278845	45.690	nq	93
46) 1,1'-Biphenyl	13.54	154	777161	41.185	nq	97
47) 2-Chloronaphthalene	13.58	162	626452	38.993	nq	96
48) 2-Nitroaniline	13.77	65	179407	44.031	nq	91
49) Acenaphthylene	14.42	152	985990	41.029	nq	97
50) Dimethylphthalate	14.15	163	830011	41.402	nq	99
51) 2,6-Dinitrotoluene	14.27	165	199028	47.478	nq	90
52) Acenaphthene	14.76	154	705788	45.156	nq	99
53) 3-Nitroaniline	14.59	138	157316	35.078	nq #	88
54) 2,4-Dinitrophenol	14.80	184	232864	88.181	nq #	85
55) Dibenzofuran	15.10	168	987239	41.295	nq	97
56) 4-Nitrophenol	14.90	139	336936	98.976	nq	94
57) 2,4-Dinitrotoluene	15.05	165	284326	49.320	nq	90
58) Fluorene	15.75	166	807109	42.068	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	285429	47.221	nq #	93
60) Diethylphthalate	15.52	149	835700	42.460	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	480907	41.059	nq	96
62) 4-Nitroaniline	15.76	138	204613	42.122	nq	96
63) Azobenzene	16.03	77	664424	41.325	nq	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	158433	48.837	nq	84
66) n-Nitrosodiphenylamine	15.95	169	765692	42.530	nq	97
67) 4-Bromophenyl-phenylether	16.64	248	332317	40.818	nq	96
68) Hexachlorobenzene	16.76	284	340554	39.983	nq	94
69) Atrazine	16.90	200	306264	43.296	nq	98
70) Pentachlorophenol	17.10	266	458577	94.775	nq	99
71) Phenanthrene	17.50	178	1329866	41.977	nq	97
72) Anthracene	17.58	178	1366687	43.255	nq	96
73) Carbazole	17.85	167	1221009	43.055	nq	97
74) Di-n-butylphthalate	18.42	149	1394479	43.374	nq	96
75) Fluoranthene	19.51	202	1666350	43.272	nq	94
77) Benzidine	19.68	184	667760	31.437	nq	99
78) Pyrene	19.86	202	1638926	42.506	nq	96
80) Butylbenzylphthalate	20.75	149	666857	45.109	nq	91
81) Benzo(a)anthracene	21.72	228	1603728	41.652	nq	96
82) 3,3'-Dichlorobenzidine	21.63	252	550600	35.617	nq	99
83) Chrysene	21.79	228	1582168	42.868	nq	95
84) Bis(2-ethylhexyl)phthalate	21.63	149	913504	44.797	nq	97
85) Di-n-octyl phthalate	22.87	149	1569446	45.732	nq #	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	2102001	43.023	nq #	89
88) Benzo(b)fluoranthene	23.97	252	1811615	45.533	nq	98
89) Benzo(k)fluoranthene	24.04	252	1731673	44.681	nq #	96
90) Benzo(a)pyrene	24.86	252	1773036	46.465	nq #	96
91) Dibenzo(a,h)anthracene	28.82	278	1718085	45.854	nq	96
92) Benzo(g,h,i)perylene	29.92	276	1746838	46.665	nq #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

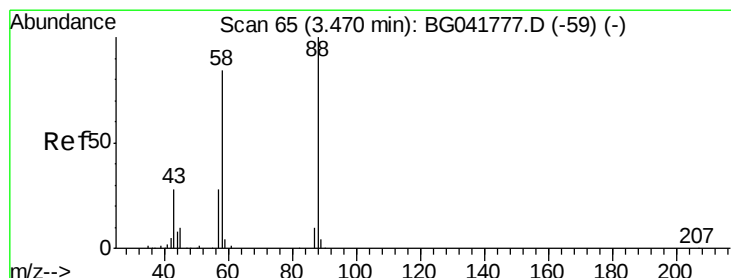
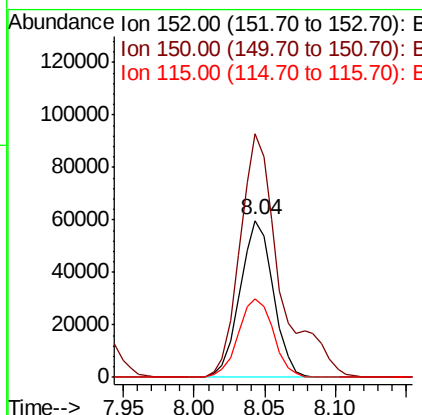
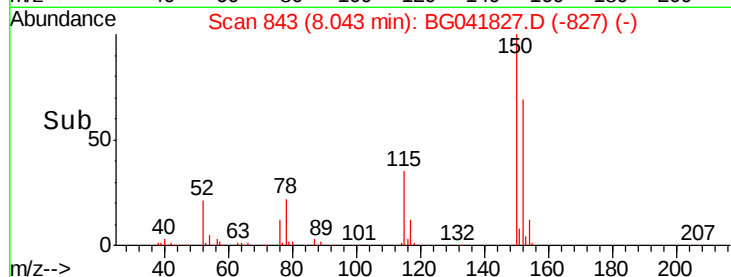
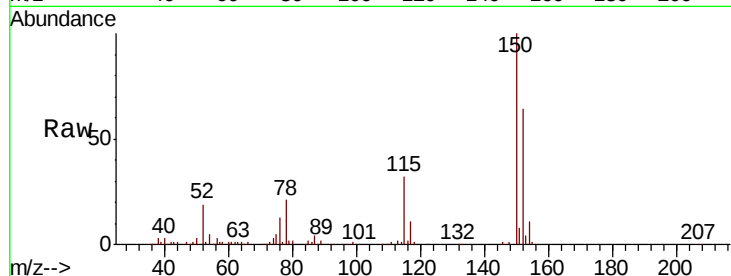
ClientSampleId :

PB121772BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.9	190.3
115	50.2	45.0	67.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



#2

1,4-Dioxane

Concen: 37.823 ng

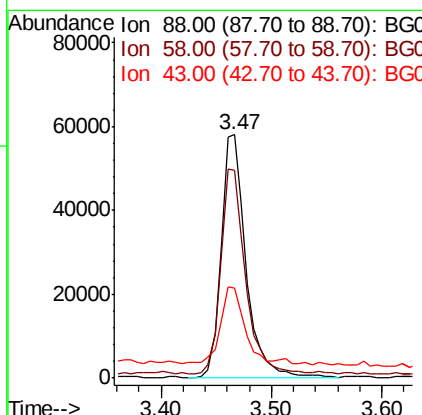
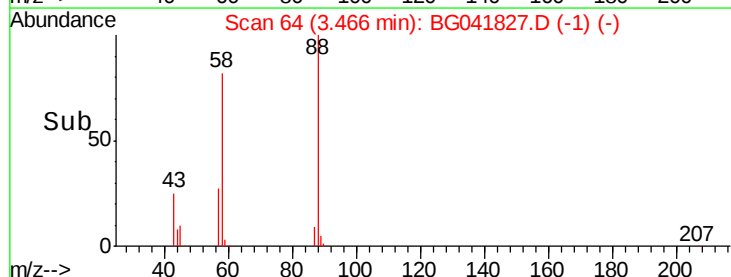
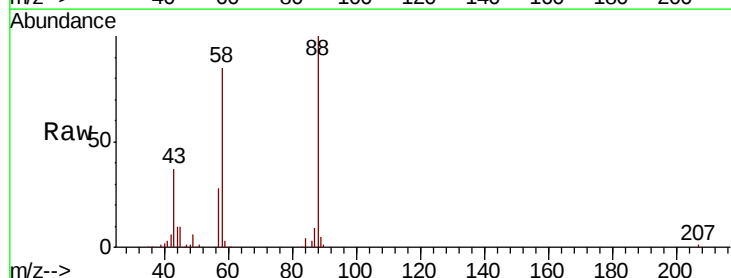
RT: 3.47 min Scan# 64

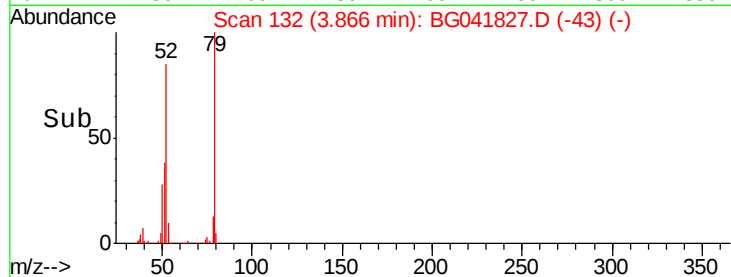
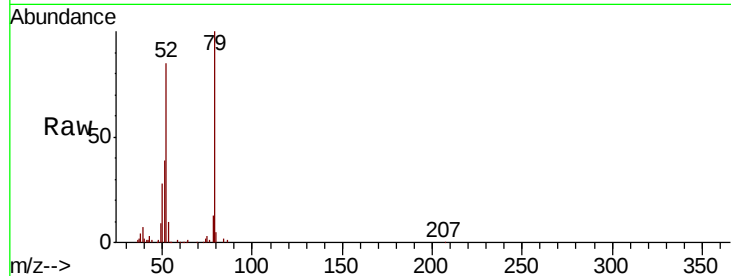
Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	76.2	114.2
43	30.4	27.2	40.8





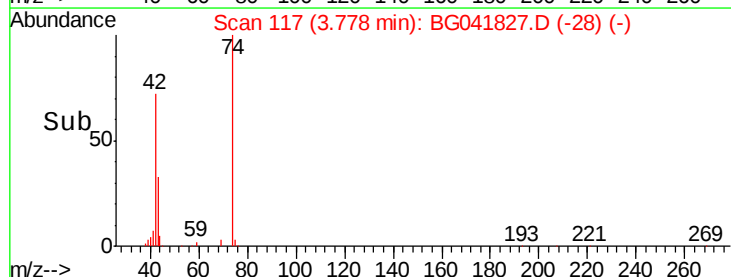
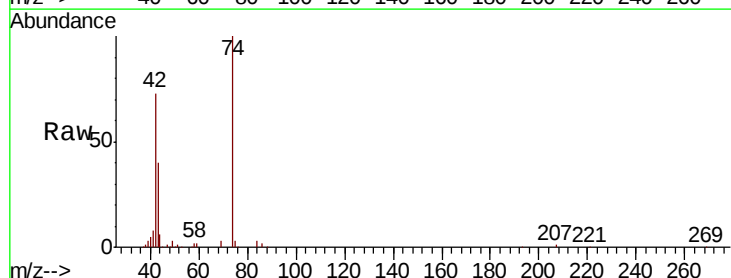
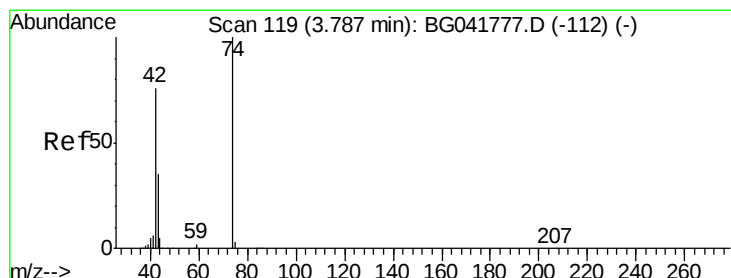
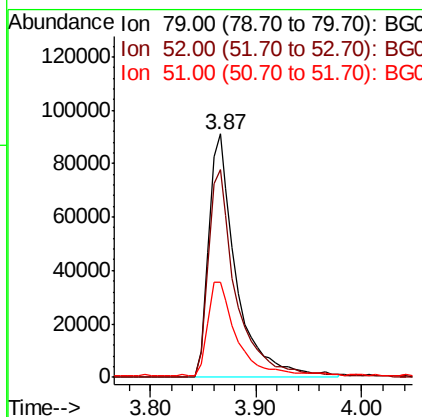
#3
 Pvridine
 Concen: 25.339 ng
 RT: 3.87 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.3	77.1	115.7
51	39.2	37.8	56.8

Instrument :
 BNA_G
 ClientSampleId :
 PB121772BS

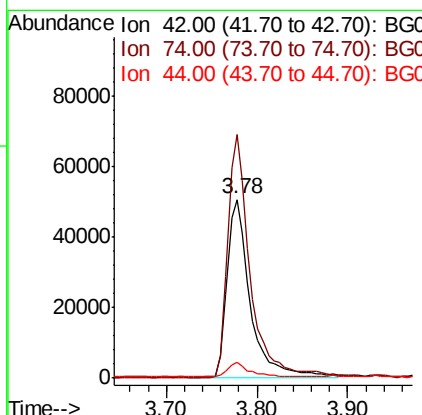
Manual Integrations
 APPROVED

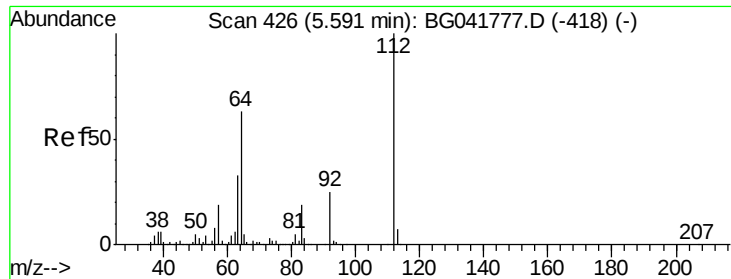
mohammad
 8/1/2019 5:05:24 PM



#4
 n-Nitrosodimethylamine
 Concen: 35.257 ng
 RT: 3.78 min Scan# 117
 Delta R.T. -0.01 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.3	97.4	146.2
44	8.5	6.6	9.8





#5

2-Fluorophenol

Concen: 125.133 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

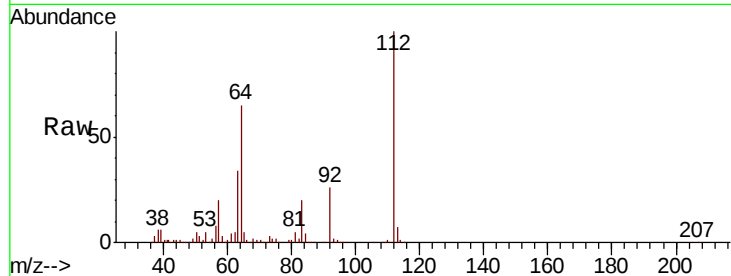
ClientSampleId :

PB121772BS

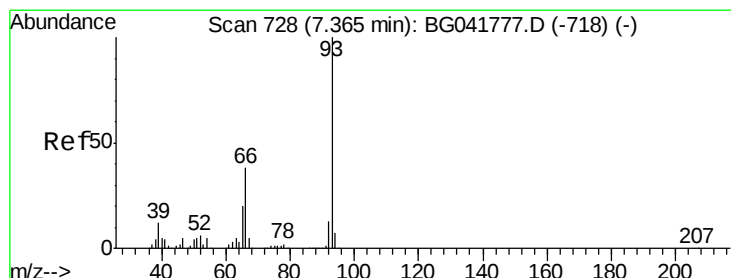
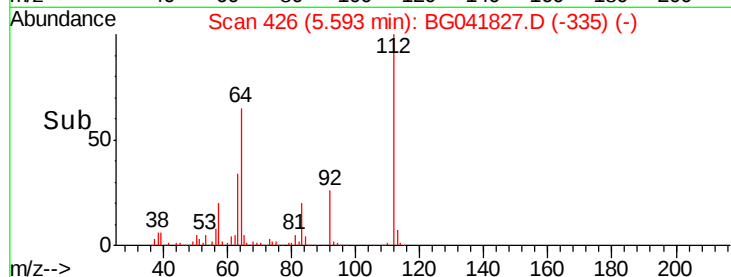
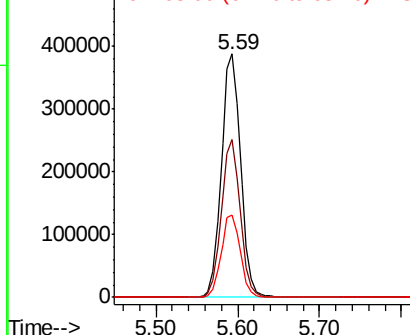
Tot Ion	Ratio	Resp	Lower	Upper
112	100	633126		
64	64.6	55.4	83.2	
63	33.8	29.1	43.7	

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.811 ng

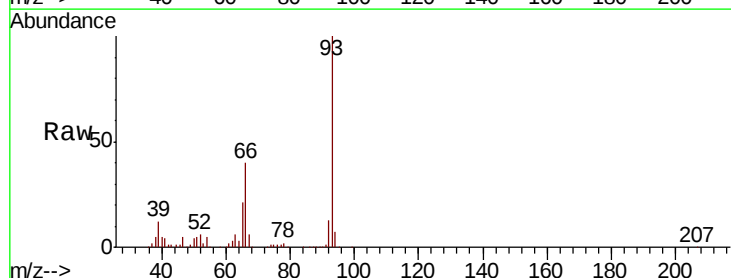
RT: 7.36 min Scan# 727

Delta R.T. -0.00 min

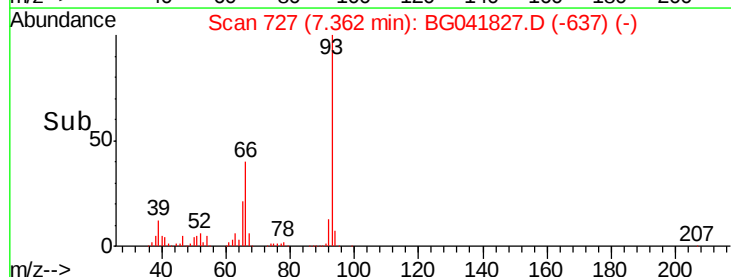
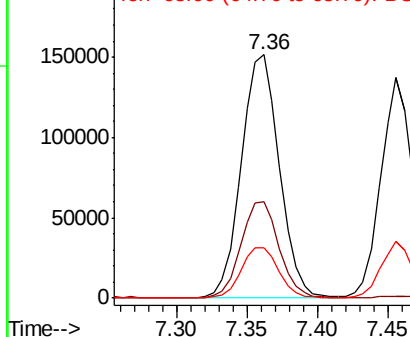
Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	286328		
66	39.9	34.2	51.2	
65	20.5	18.2	27.2	



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.441 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

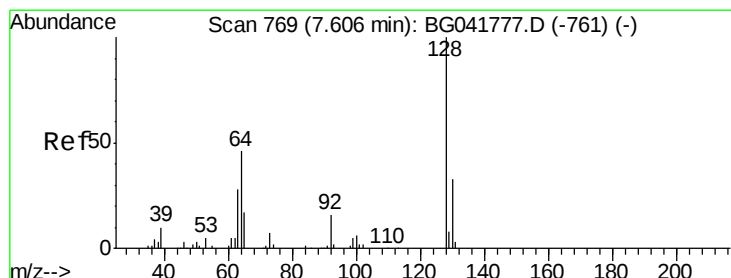
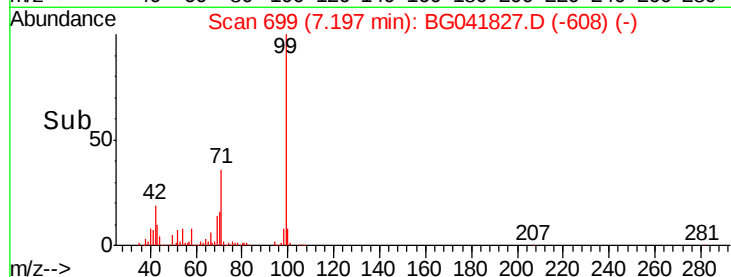
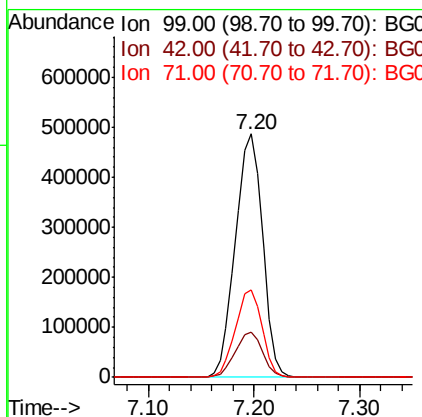
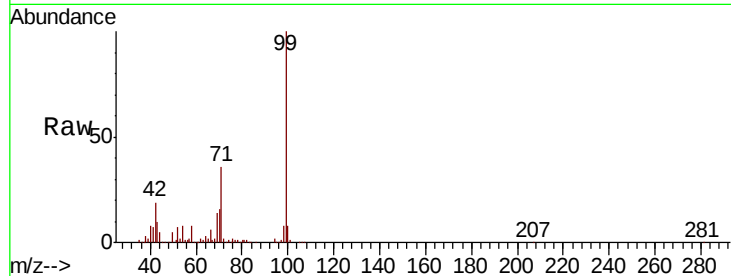
ClientSampleId :

PB121772BS

Tot Ion:	99	Resp:	869301
Ion Ratio	Lower	Upper	
99	100		
42	18.6	17.6	26.4
71	35.7	27.8	41.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



#8

2-Chlorophenol

Concen: 42.139 ng

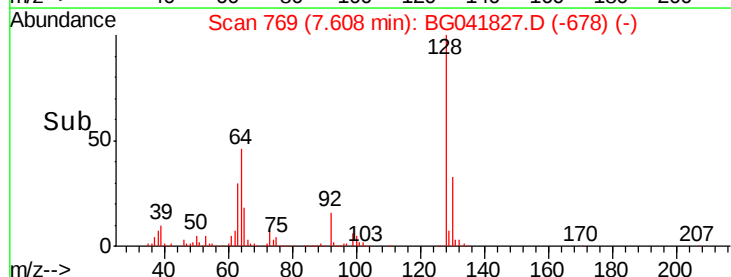
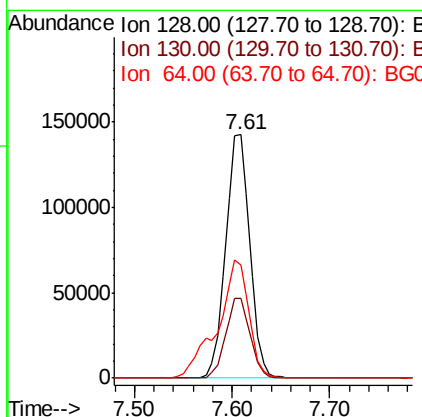
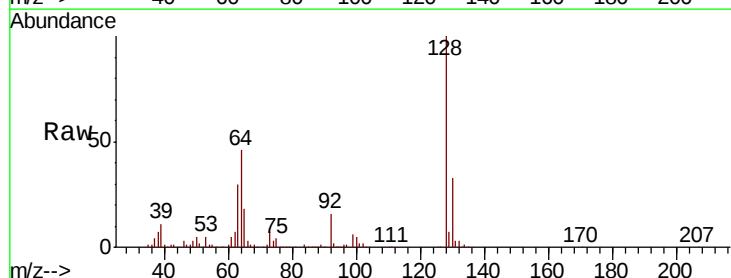
RT: 7.61 min Scan# 769

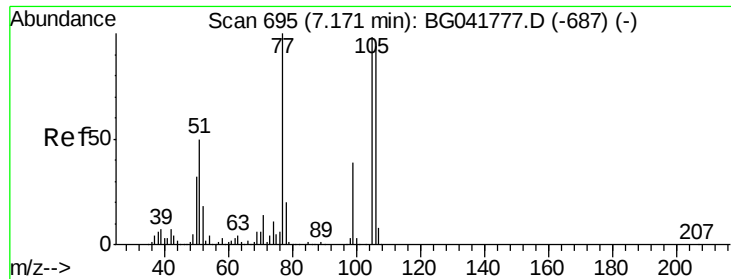
Delta R.T. 0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Tgt Ion:	128	Resp:	244139
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.4	52.4
64	46.3	34.9	74.9





#9

Benzaldehyde

Concen: 8.980 ng/mL

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

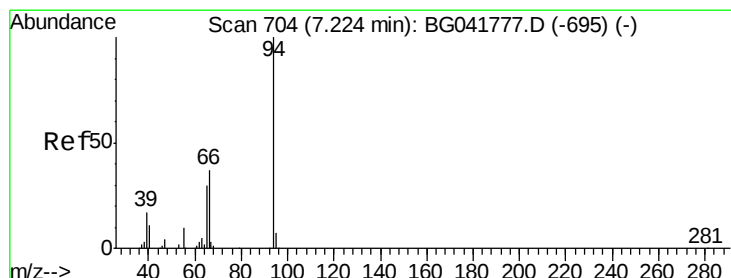
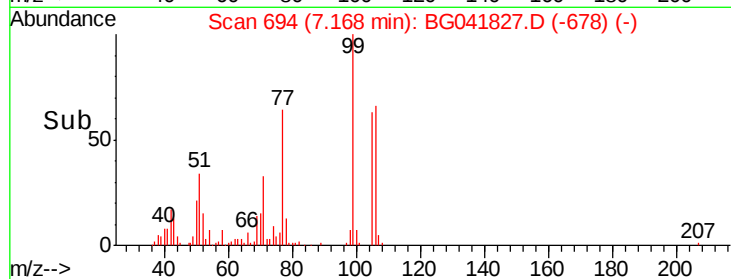
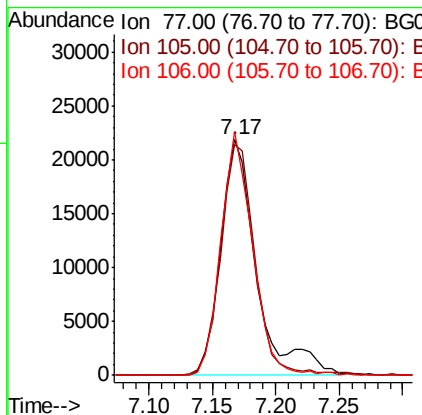
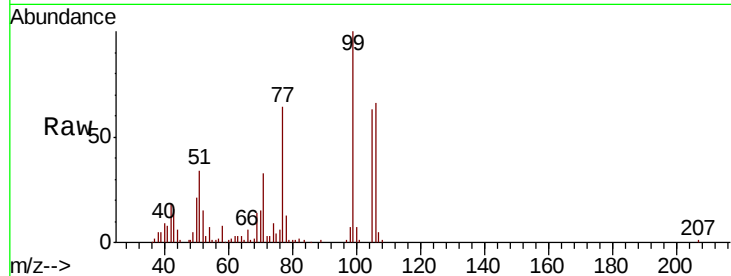
ClientSampleID :

PB121772BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.2	74.6	114.6
106	103.4	71.1	111.1

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



#10

Phenol

Concen: 41.644 ng/mL

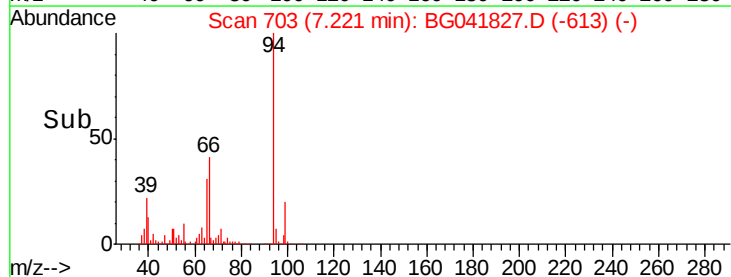
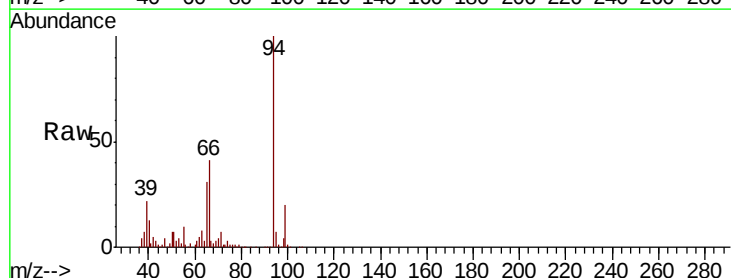
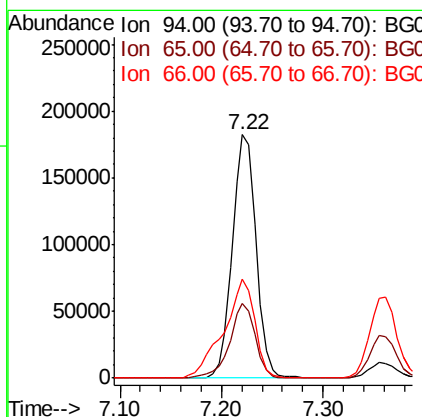
RT: 7.22 min Scan# 703

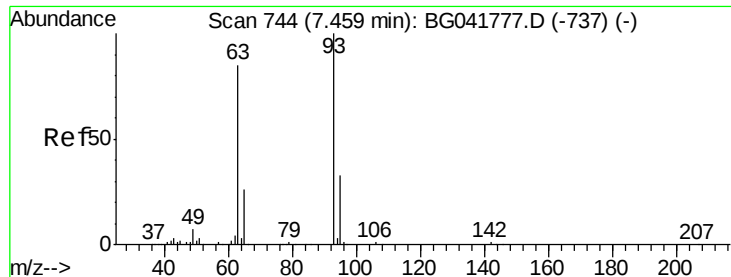
Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.6	50.6
66	40.8	18.2	58.2





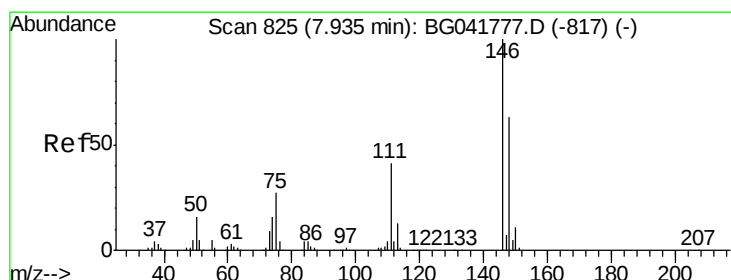
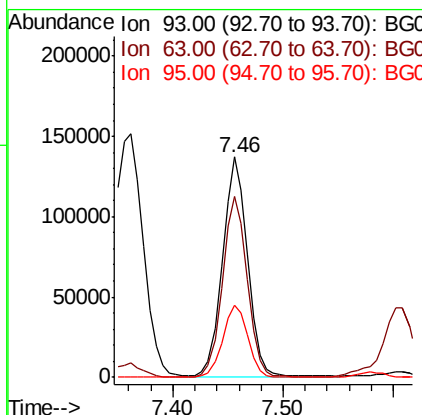
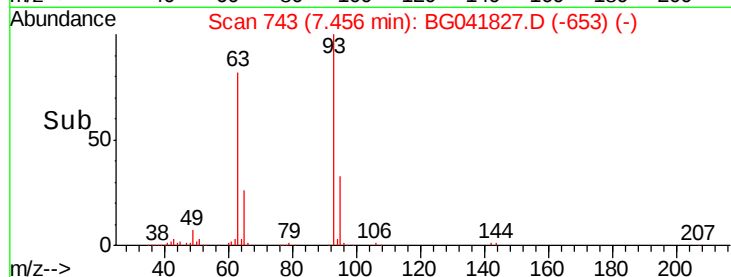
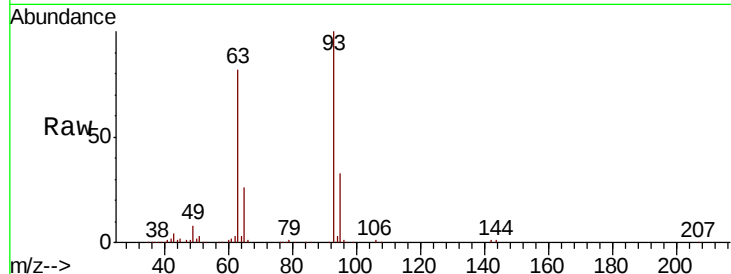
#11
bis(2-Chloroethyl)ether
Concen: 37.283 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	217506		
63	82.0		70.4	110.4
95	32.8		12.8	52.8

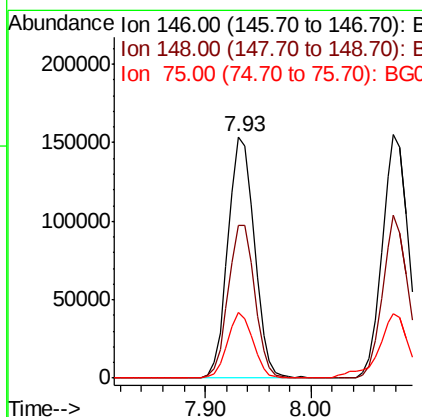
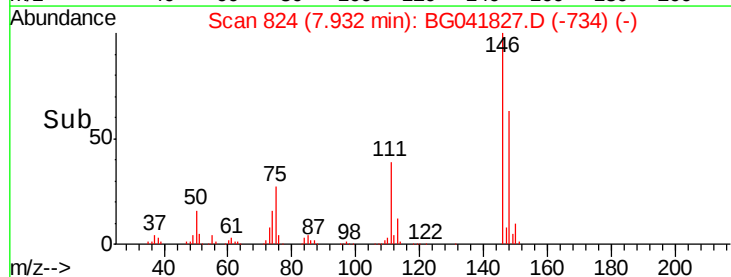
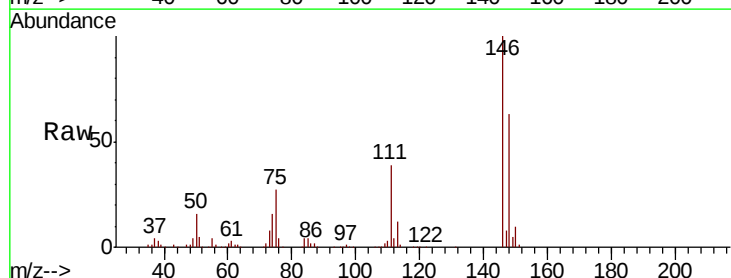
Manual Integrations
APPROVED

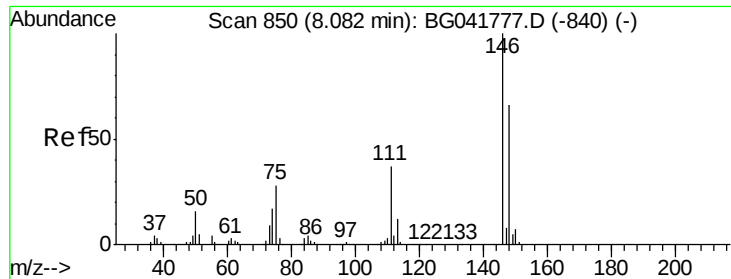
mohammad
8/1/2019 5:05:24 PM



#12
1,3-Dichlorobenzene
Concen: 35.176 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	265989		
148	63.2		51.5	77.3
75	27.2		23.2	34.8





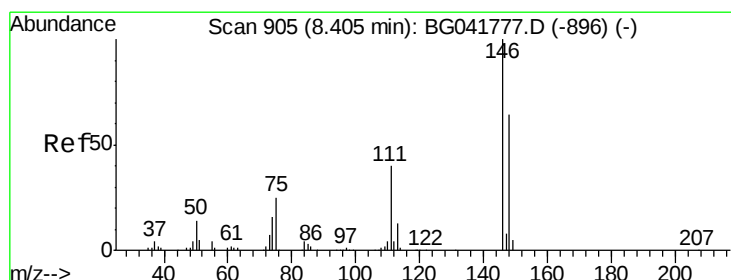
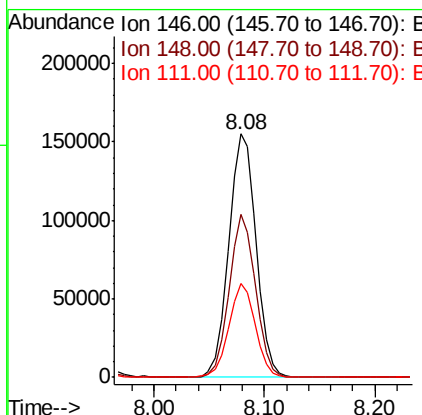
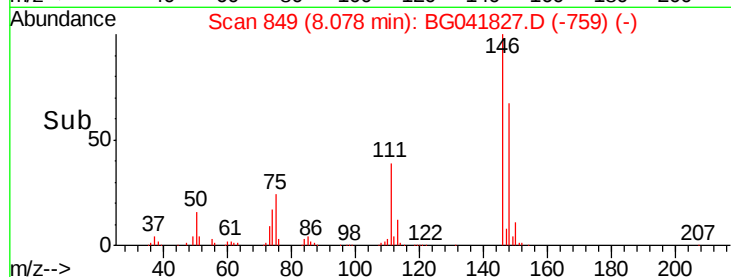
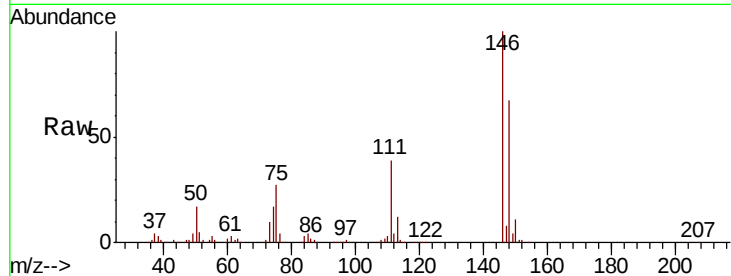
#13
 1,4-Dichlorobenzene
 Concen: 35.581 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Instrument :
 BNA_G
 ClientSampleId :
 PB121772BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	269216		
148	66.7	52.6	79.0	
111	38.5	32.5	48.7	

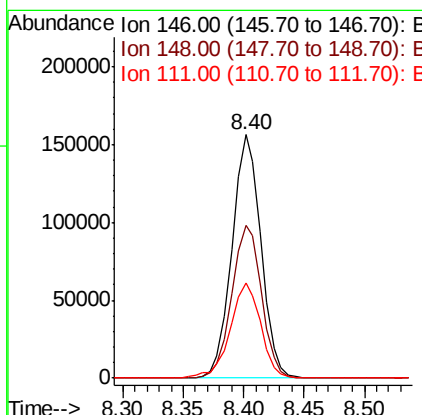
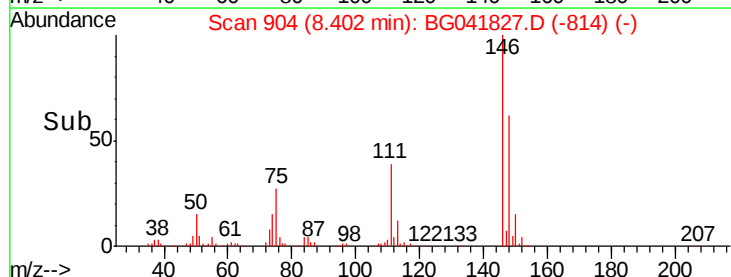
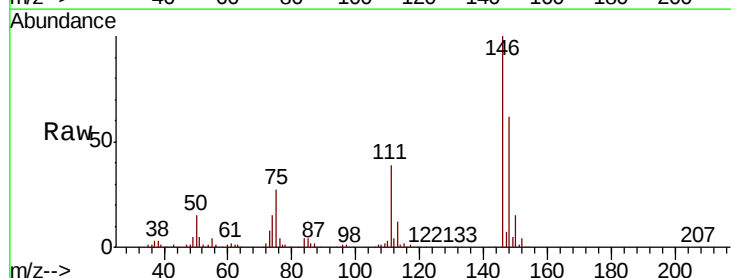
Manual Integrations
 APPROVED

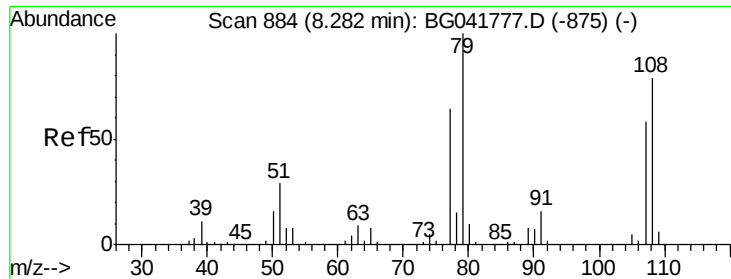
mohammad
 8/1/2019 5:05:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.131 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	260860		
148	62.5	53.5	80.3	
111	39.0	35.4	53.0	





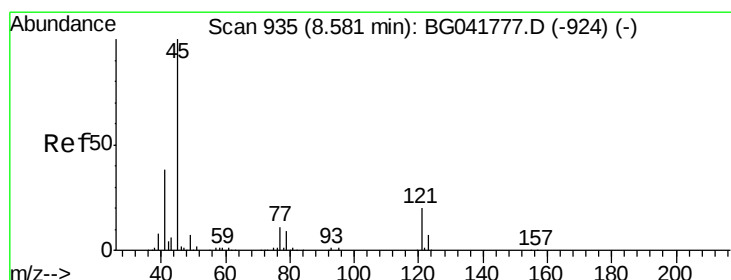
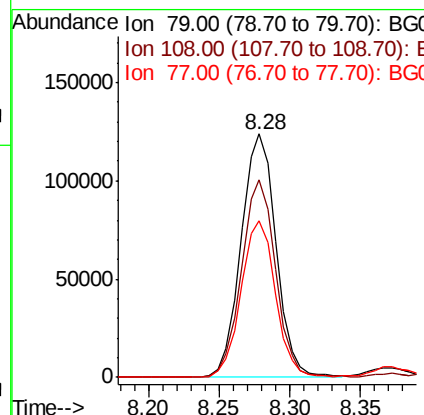
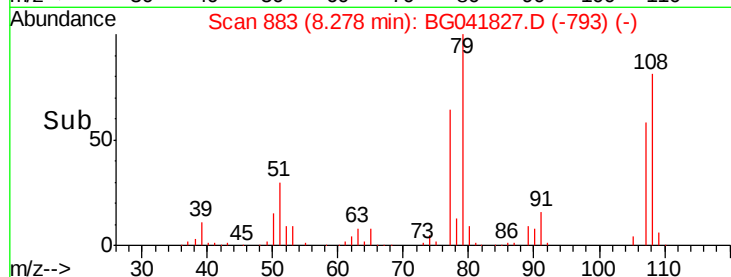
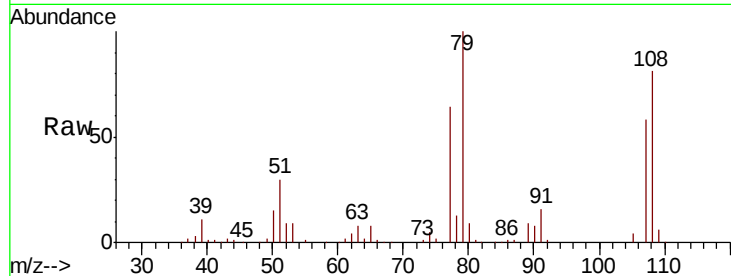
#15
Benzyl Alcohol
Concen: 40.027 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	214799		
108	81.0	60.5	90.7	
77	64.2	50.6	75.8	

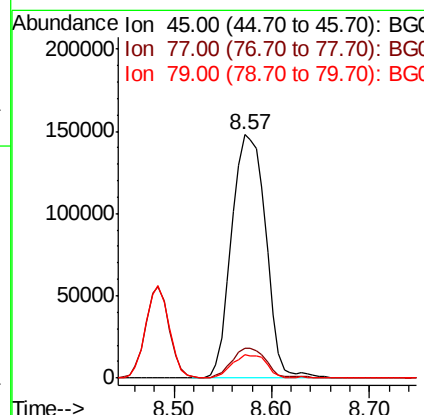
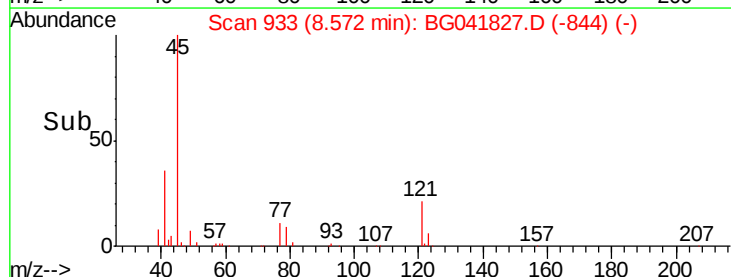
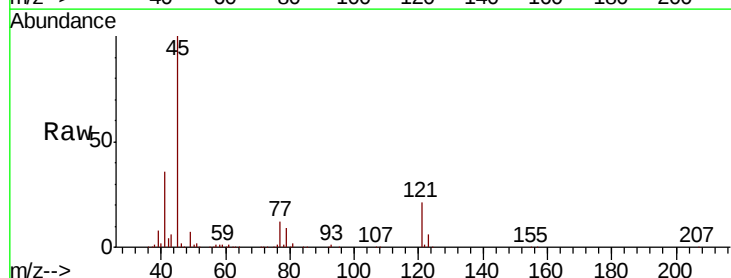
Manual Integrations
APPROVED

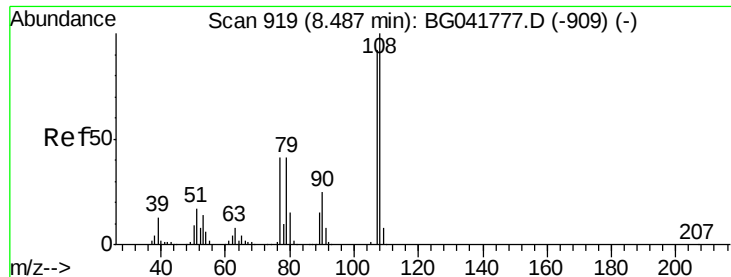
mohammad
8/1/2019 5:05:24 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.848 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	361690		
77	12.3	0.0	30.4	
79	9.5	0.0	27.9	





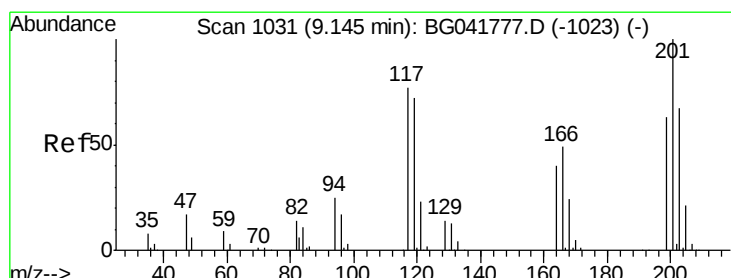
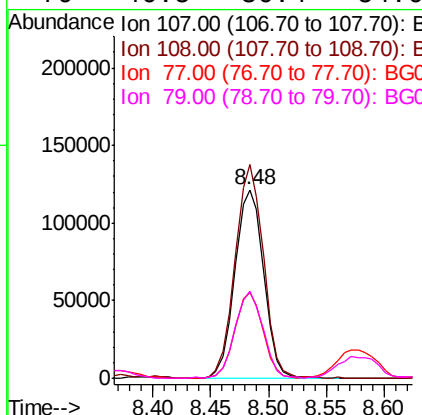
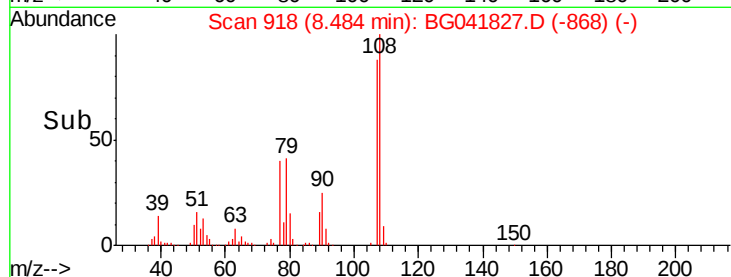
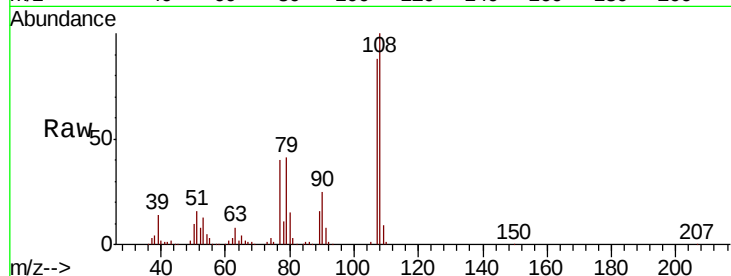
#17
2-Methylphenol
Concen: 40.390 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	87.6	131.4	
77	45.6	36.1	54.1	
79	46.5	36.4	54.6	

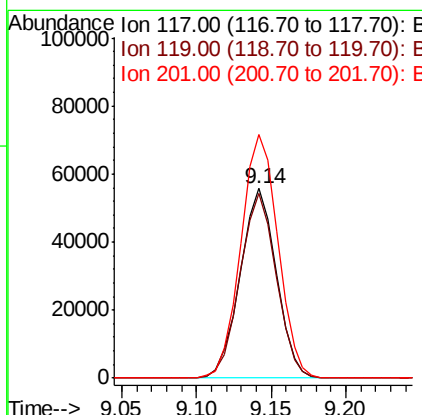
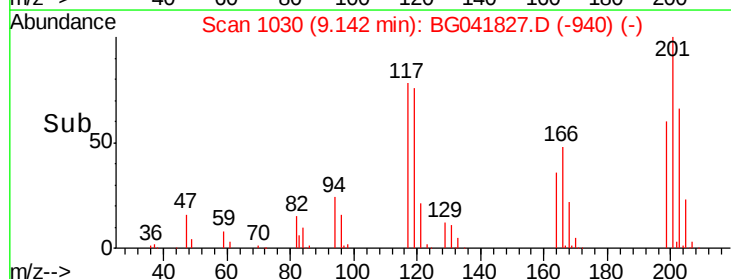
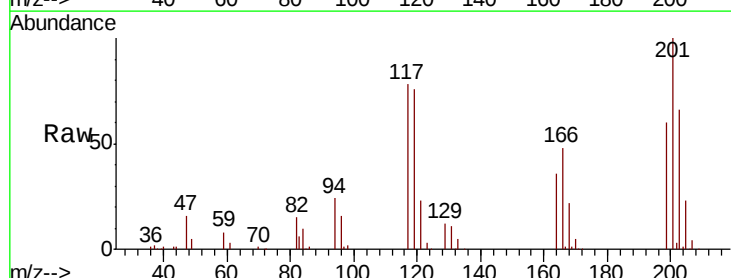
Manual Integrations
APPROVED

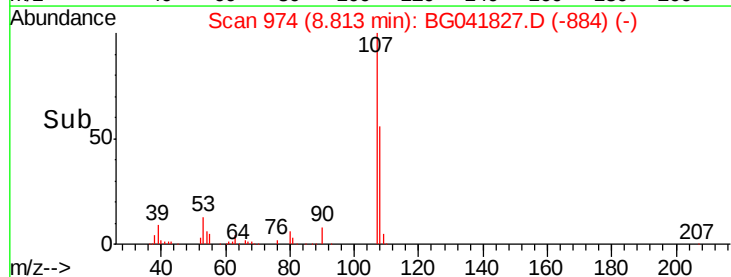
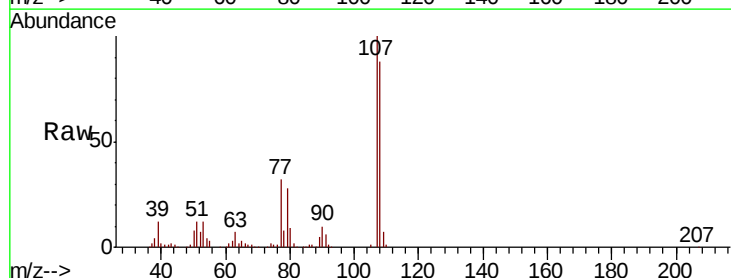
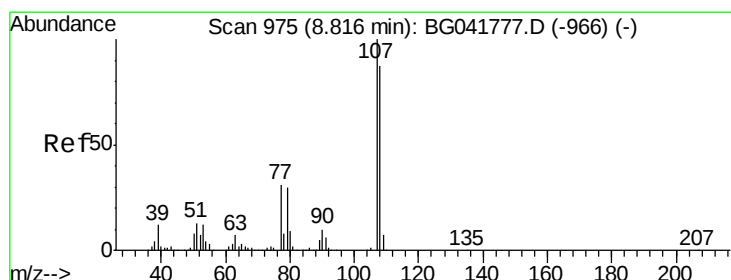
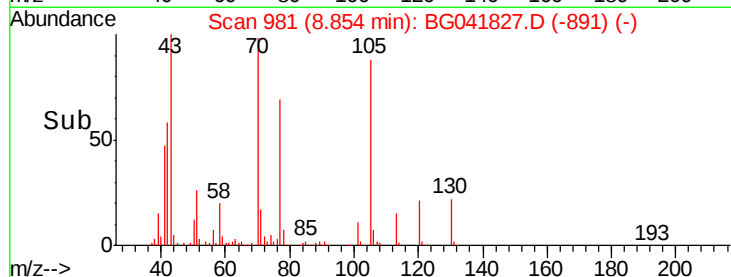
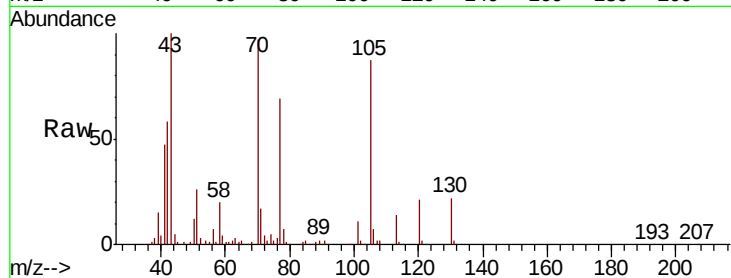
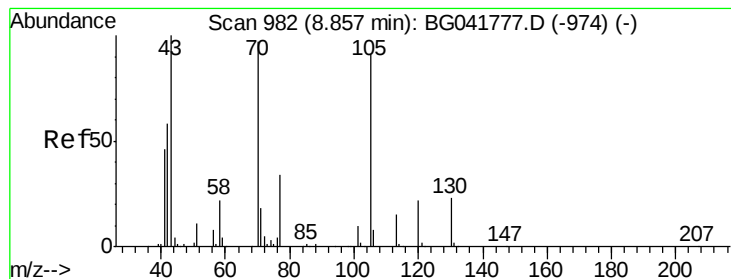
mohammad
8/1/2019 5:05:24 PM



#18
Hexachloroethane
Concen: 36.053 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	76.2	114.2	
201	128.6	94.1	141.1	





#19

n-Nitroso-di-n-propylamine

Concen: 36.347 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

ClientSampleId :

PB121772BS

Tot Ion: 70 Resp: 179999

Ion Ratio Lower Upper

70 100

42 59.1 55.8 83.6

101 11.0 8.1 12.1

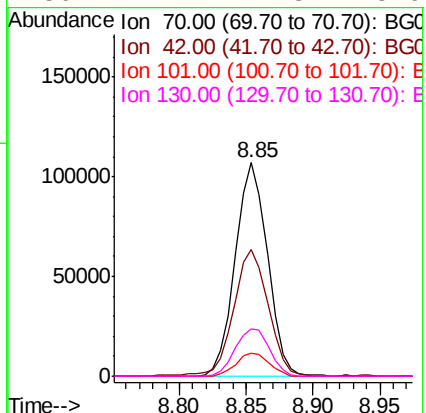
130 22.2 17.3 25.9

Manual Integrations

APPROVED

mohammad

8/1/2019 5:05:24 PM



#20

3+4-Methylphenols

Concen: 41.025 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Tgt Ion:107 Resp: 289738

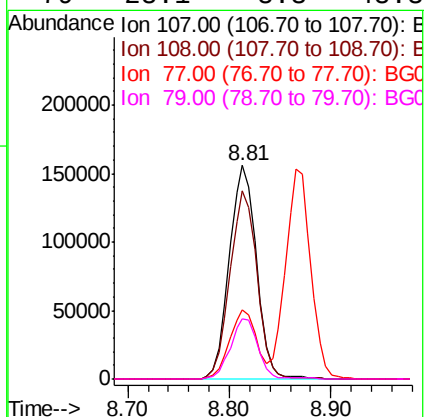
Ion Ratio Lower Upper

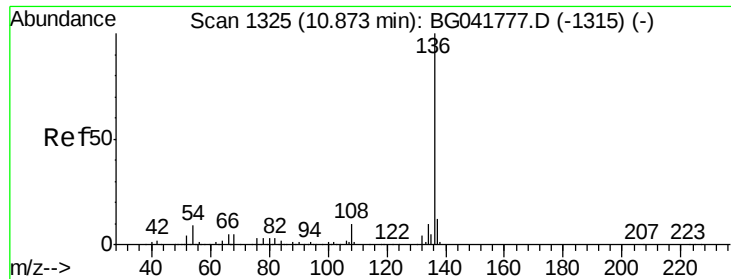
107 100

108 87.9 67.5 107.5

77 32.3 12.3 52.3

79 28.1 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

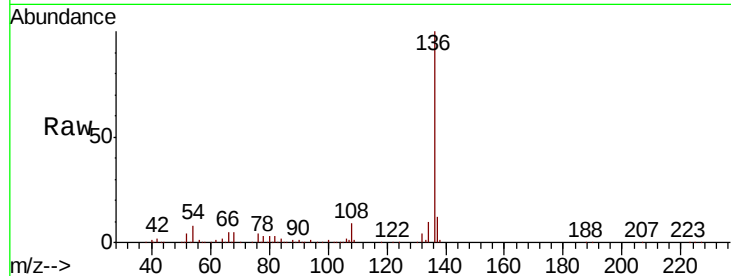
ClientSampleId :

PB121772BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.7	9.2	13.8
54	8.3	8.7	13.1#
68	4.9	5.5	8.3#

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



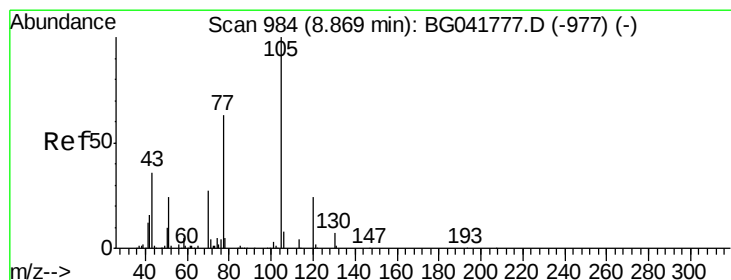
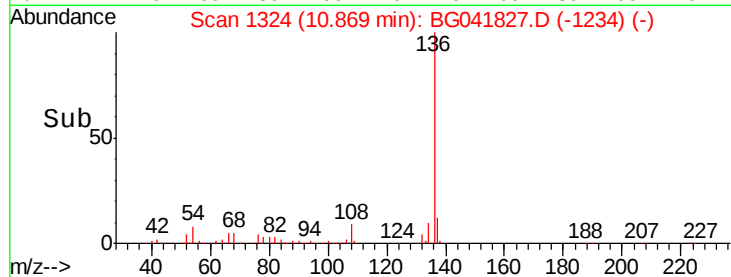
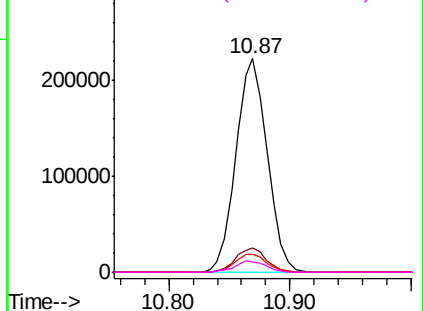
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.650 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.2	5.9	8.9#
51	28.9	27.7	41.5
120	24.6	19.3	28.9

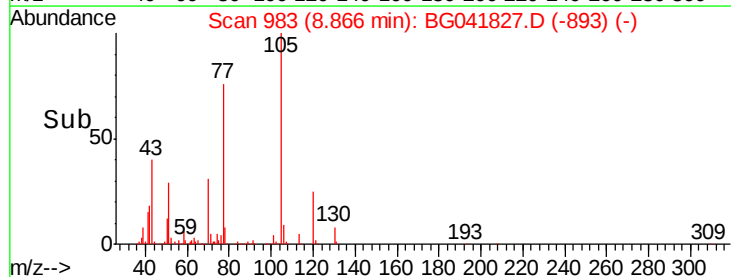
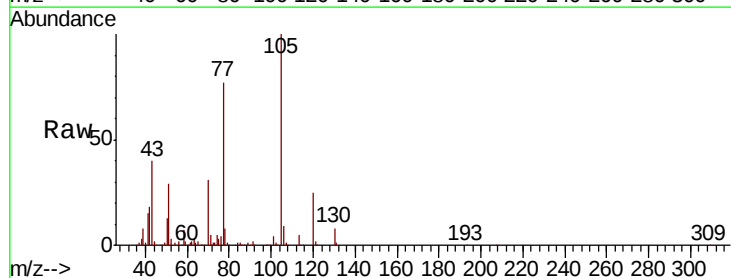
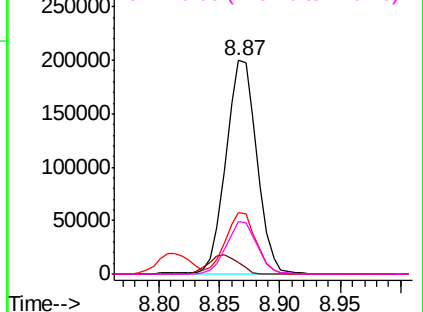
Abundance

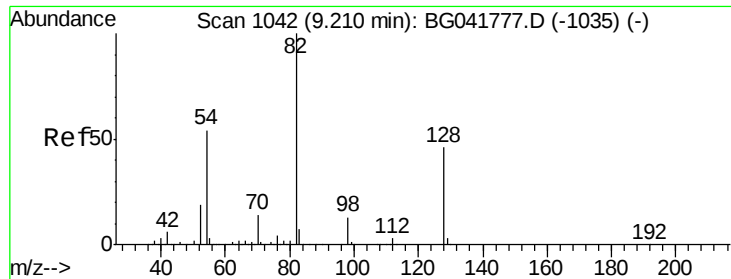
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





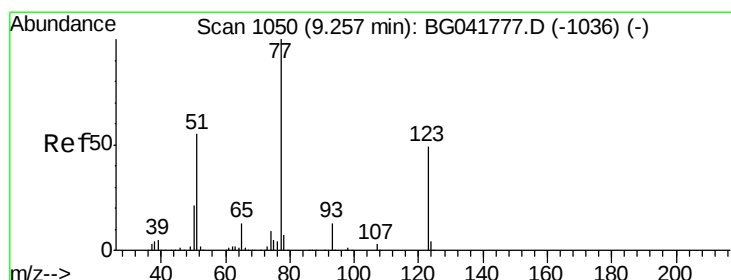
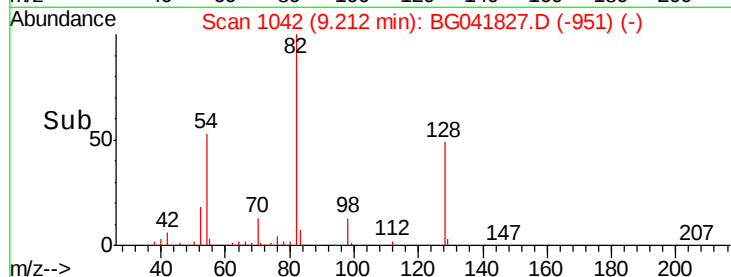
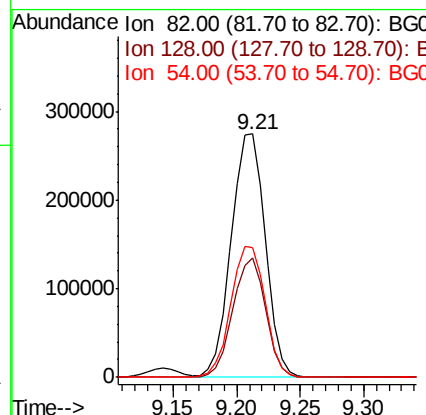
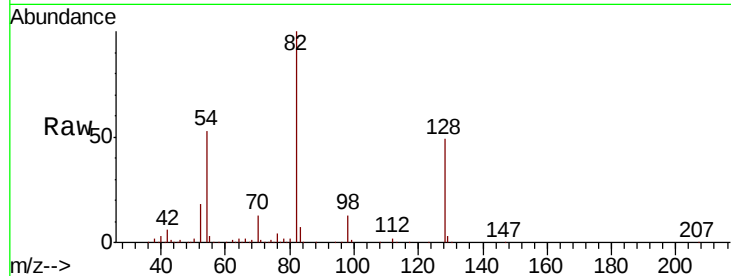
#23
 Nitrobenzene-d5
 Concen: 87.827 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Instrument :
 BNA_G
 ClientSampleId :
 PB121772BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	35.1	52.7
54	53.4	48.7	73.1

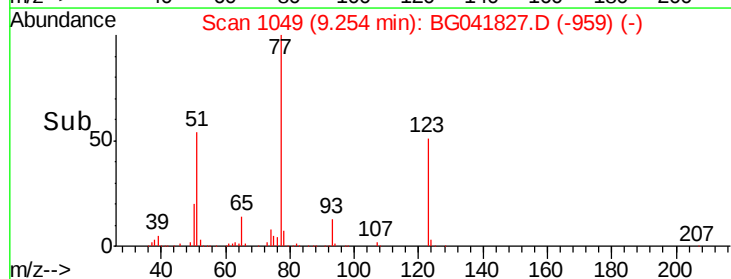
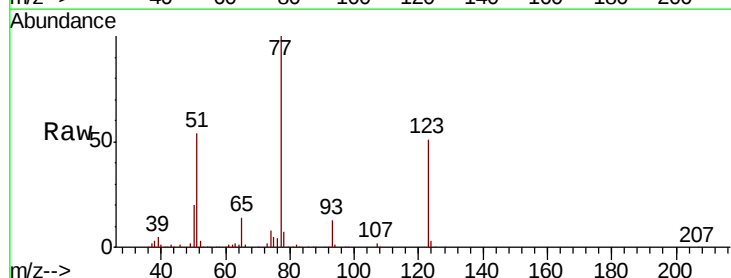
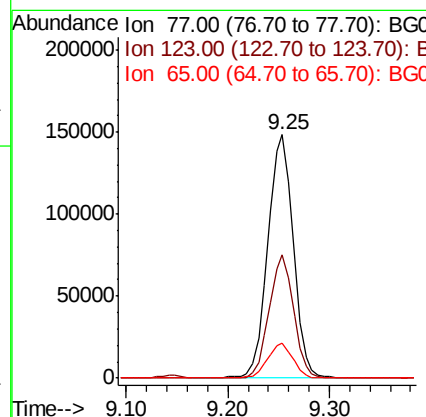
Manual Integrations
 APPROVED

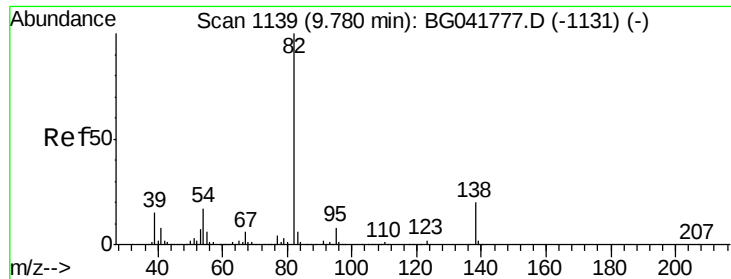
mohammad
 8/1/2019 5:05:24 PM



#24
 Nitrobenzene
 Concen: 42.348 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	38.1	57.1
65	14.3	11.0	16.6





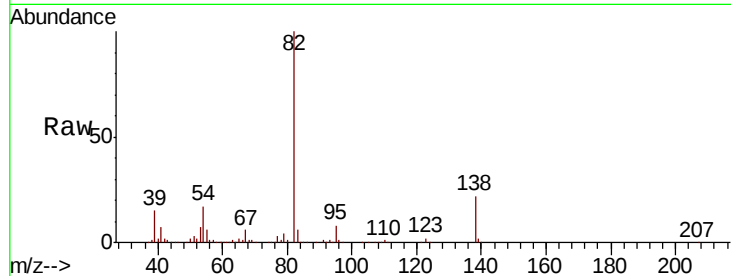
#25
Isophorone
Concen: 39.348 ng
RT: 9.78 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

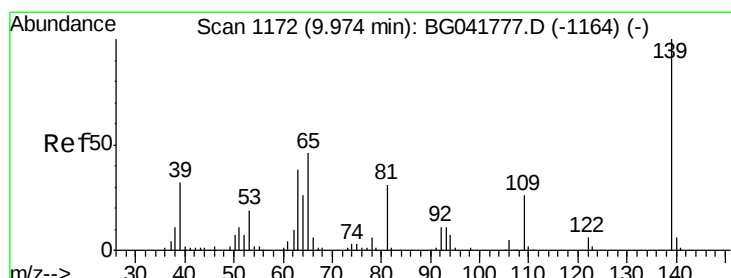
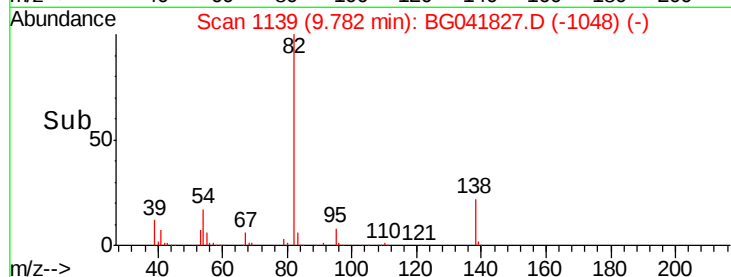
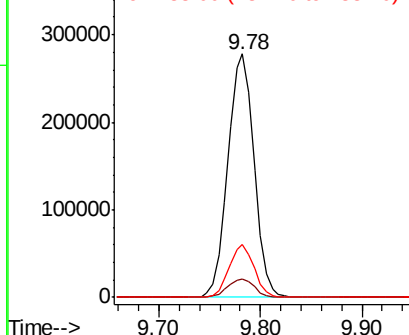
Tot Ion	Ratio	Resp	Lower	Upper
82	100	497447		
95	7.8	5.9	8.9	
138	21.6	16.3	24.5	

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM

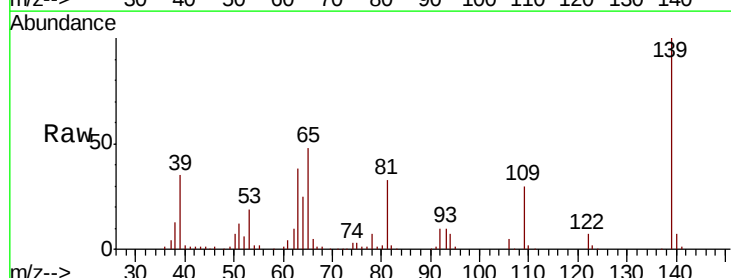


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

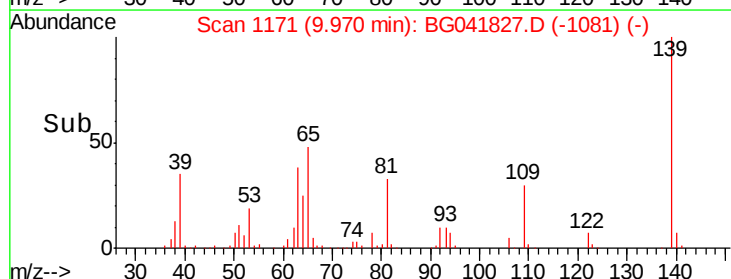
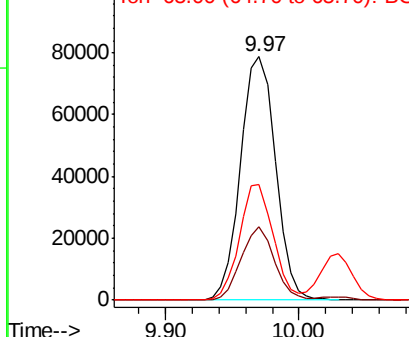


#26
2-Nitrophenol
Concen: 50.425 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	143282		
109	29.9	22.7	34.1	
65	47.7	41.1	61.7	



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





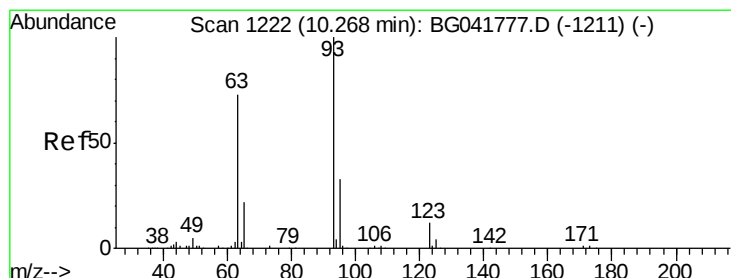
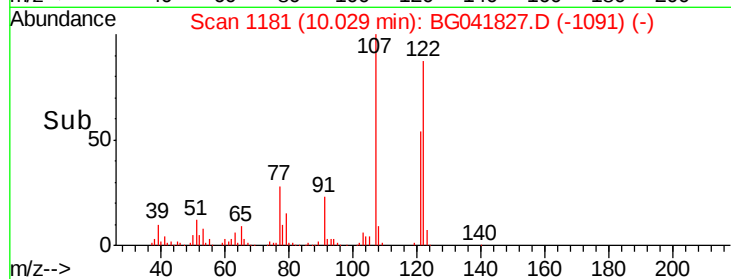
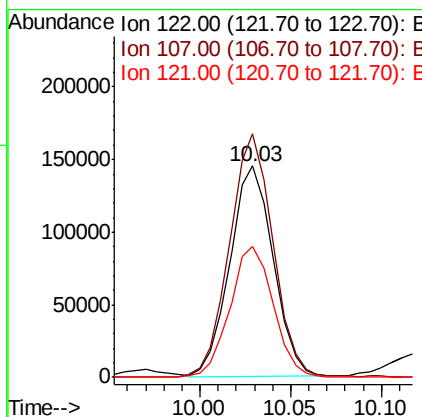
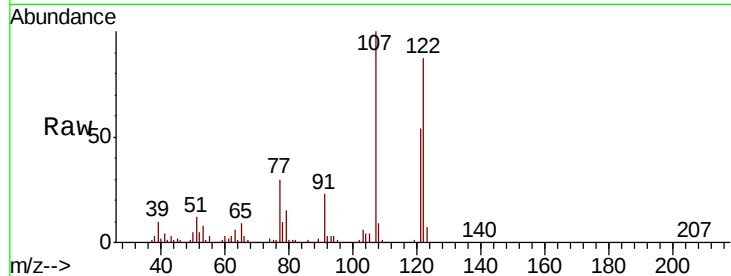
#27
2,4-Dimethylphenol
Concen: 48.089 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	91.3	136.9
121	61.8	49.2	73.8

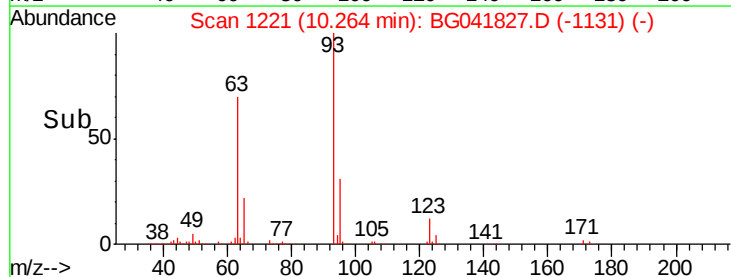
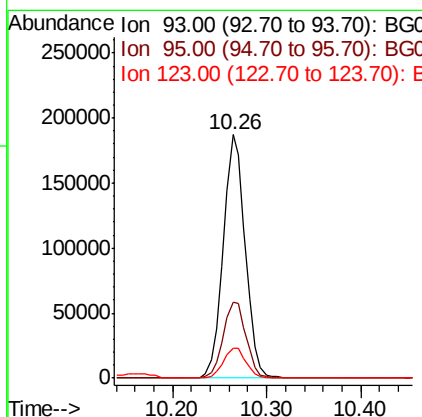
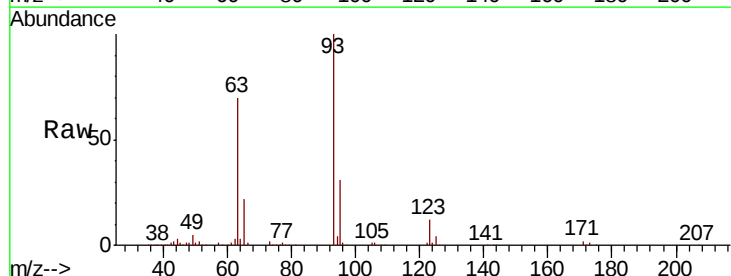
Manual Integrations
APPROVED

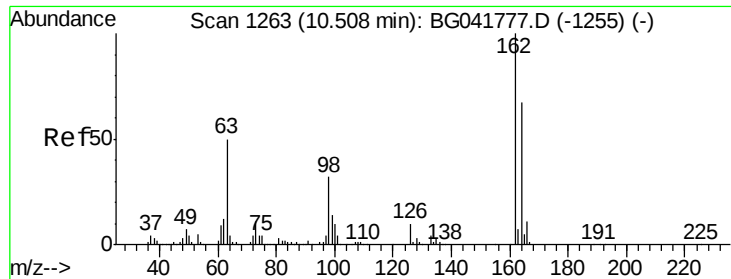
mohammad
8/1/2019 5:05:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.505 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	26.2	39.4
123	12.1	9.9	14.9





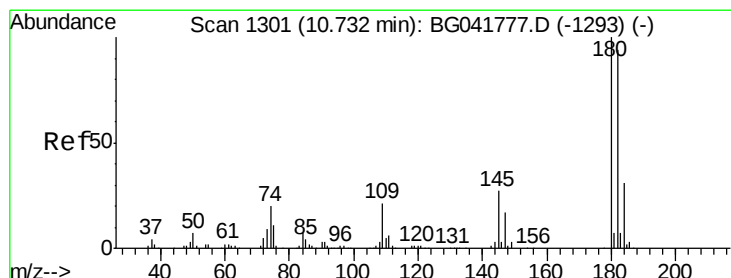
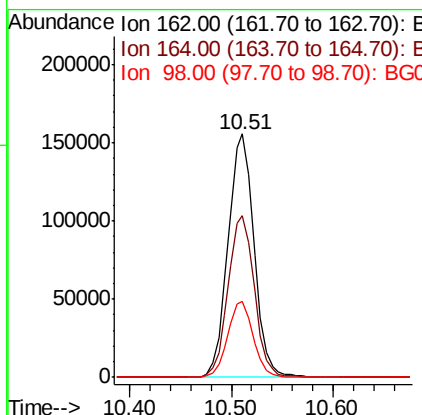
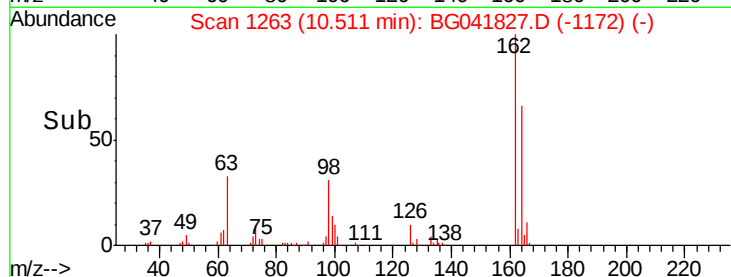
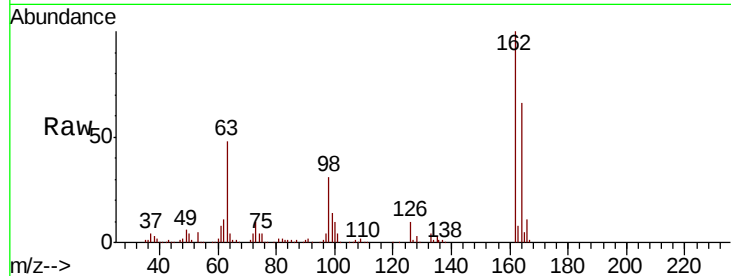
#29
2,4-Dichlorophenol
Concen: 45.437 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	277498		
164	66.4	46.1	86.1	
98	31.1	14.7	54.7	

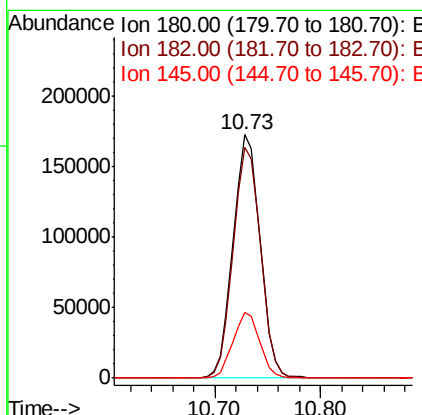
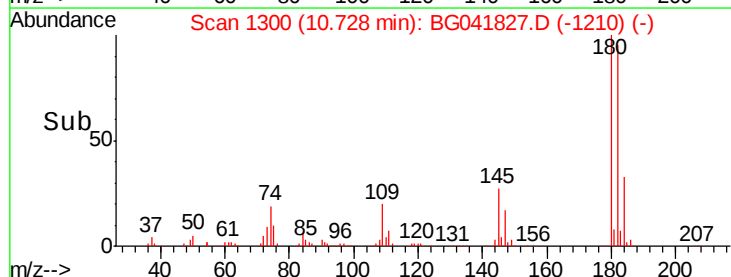
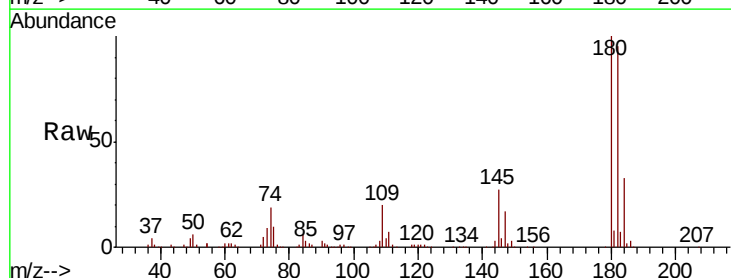
Manual Integrations
APPROVED

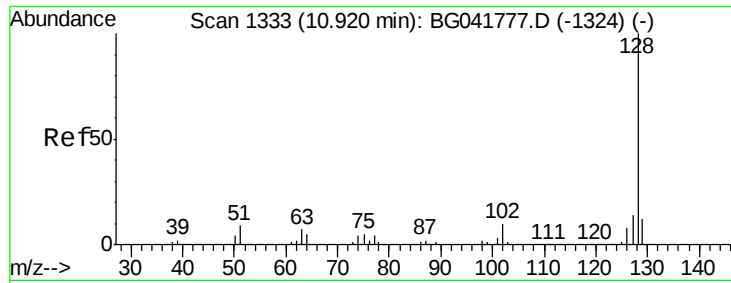
mohammad
8/1/2019 5:05:24 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.327 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	304571		
182	94.6	76.2	114.2	
145	26.9	23.8	35.8	





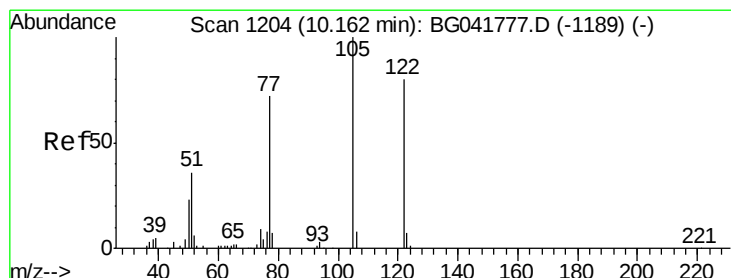
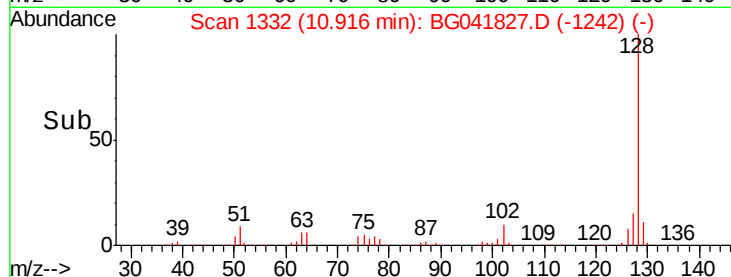
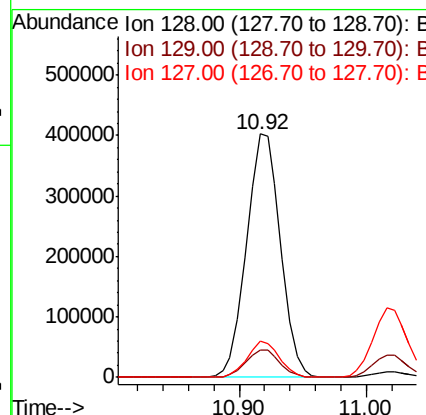
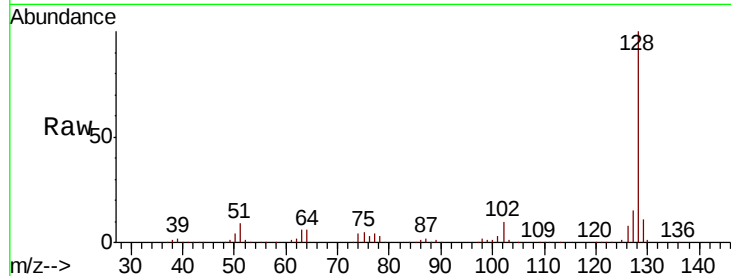
#31
Naphthalene
Concen: 40.777 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.0	15.0
127	14.7	12.3	18.5

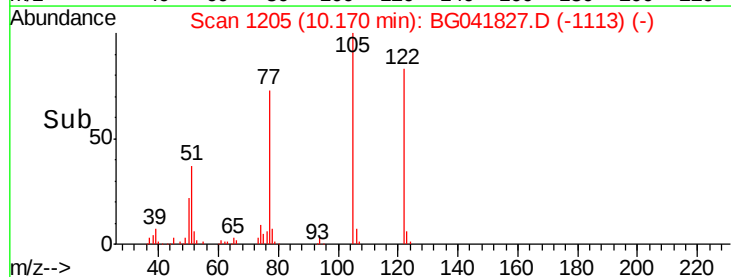
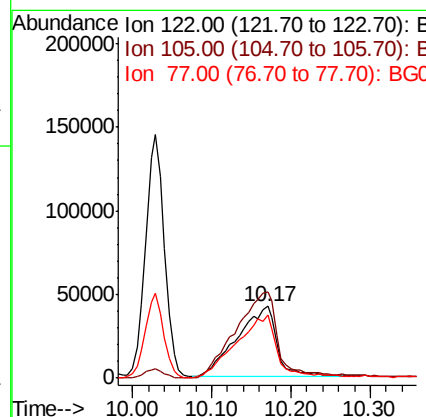
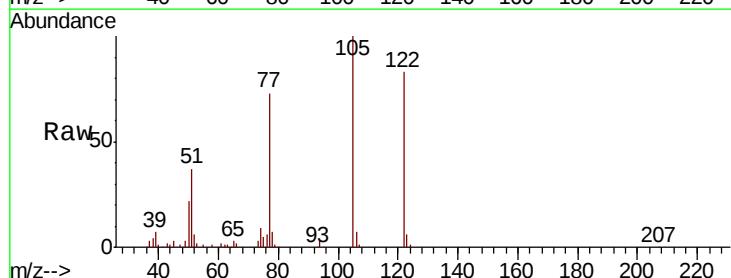
Manual Integrations
APPROVED

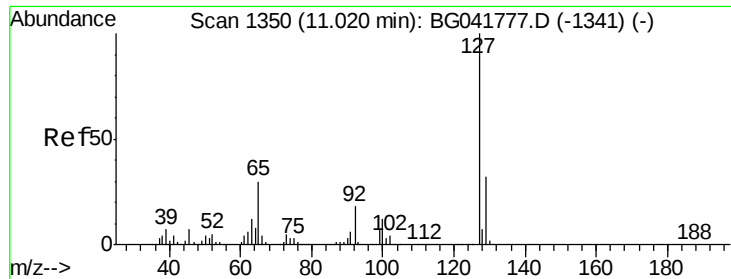
mohammad
8/1/2019 5:05:24 PM



#32
Benzoic acid
Concen: 42.489 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	101.5	141.5
77	88.2	73.0	113.0





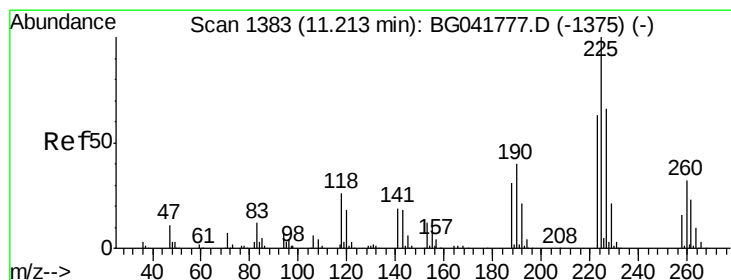
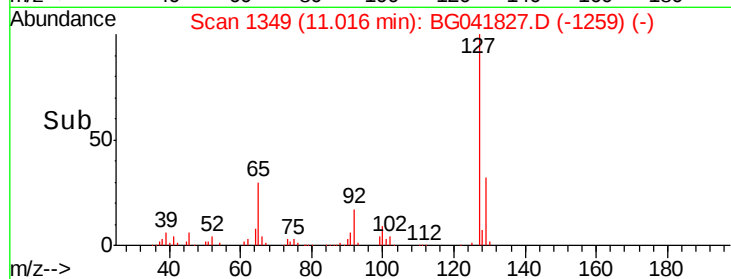
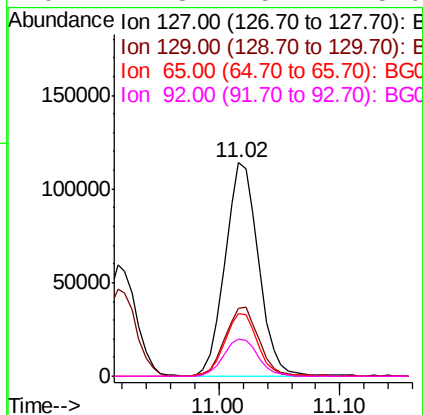
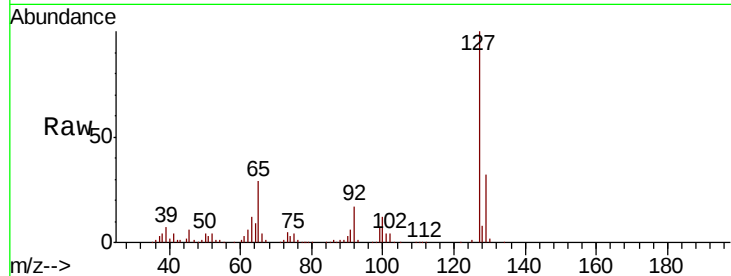
#33
4-Chloroaniline
Concen: 25.096 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	29.5	26.7	40.1
92	17.3	15.4	23.0

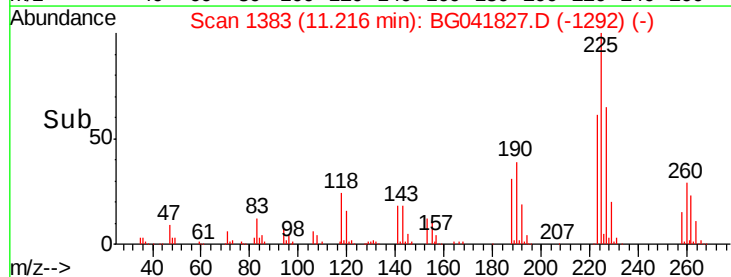
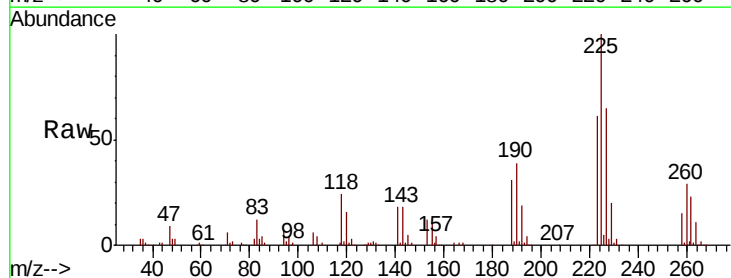
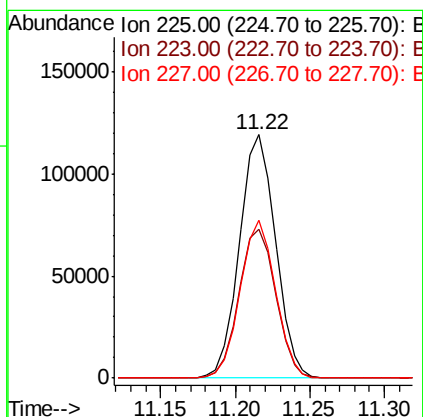
Manual Integrations
APPROVED

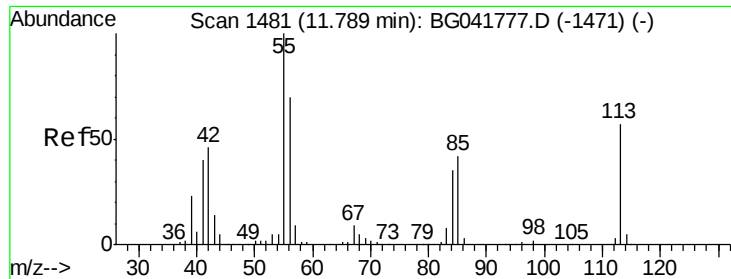
mohammad
8/1/2019 5:05:24 PM



#34
Hexachlorobutadiene
Concen: 38.236 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.1	76.7
227	64.9	50.9	76.3





#35

Caprolactam

Concen: 45.017 ng/ml

RT: 11.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

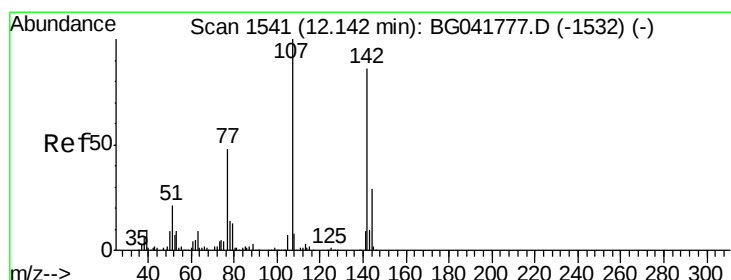
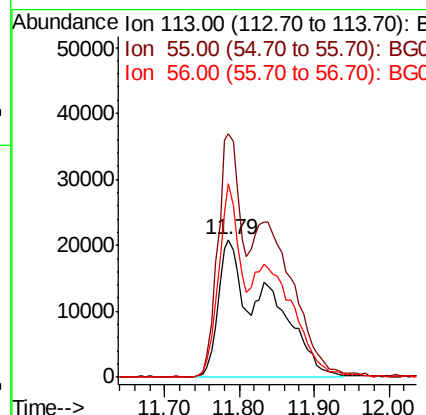
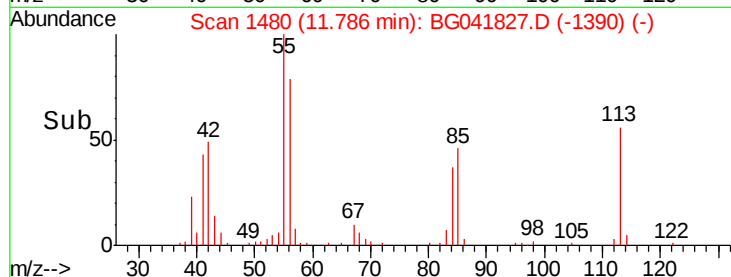
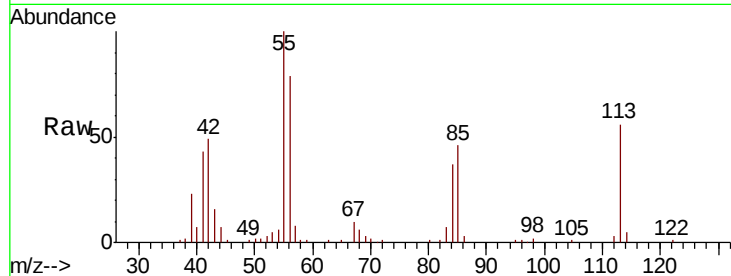
ClientSampled :

PB121772BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.2	199.4	239.4#
56	140.6	133.6	173.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



#36

4-Chloro-3-methylphenol

Concen: 45.354 ng/ml

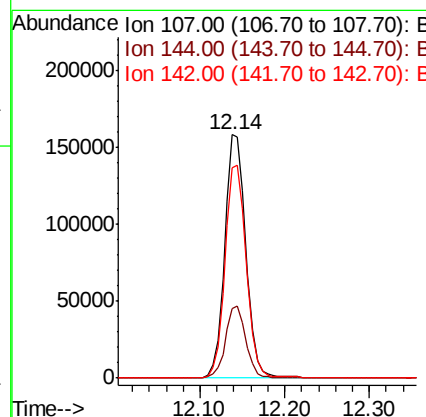
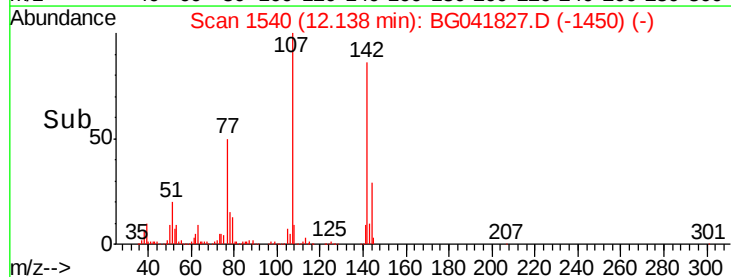
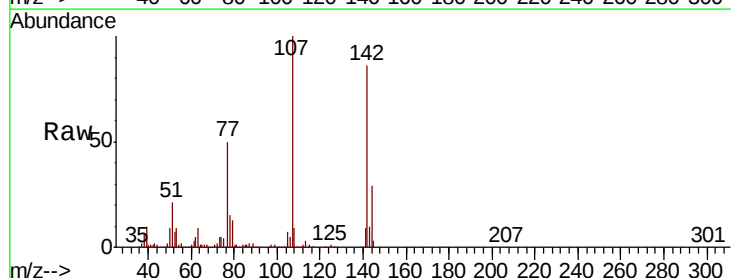
RT: 12.14 min Scan# 1540

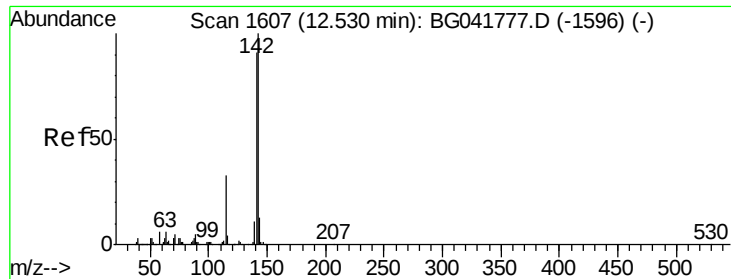
Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.7	22.2	33.2
142	86.4	67.3	100.9





#37

2-Methylnaphthalene

Concen: 41.609 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

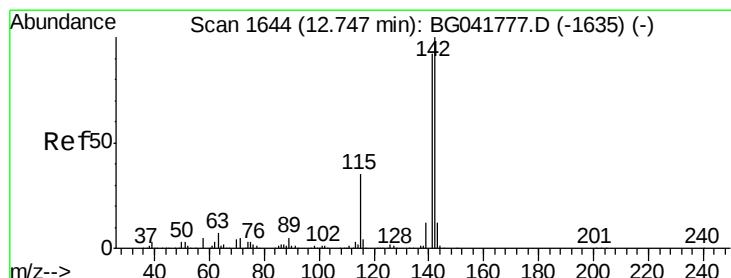
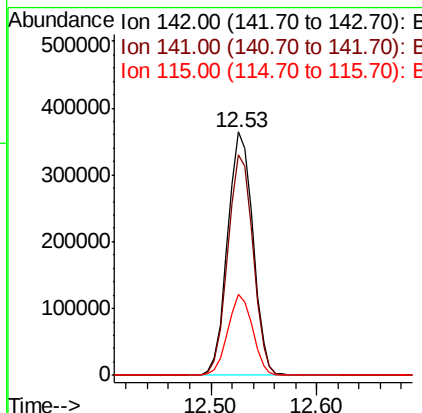
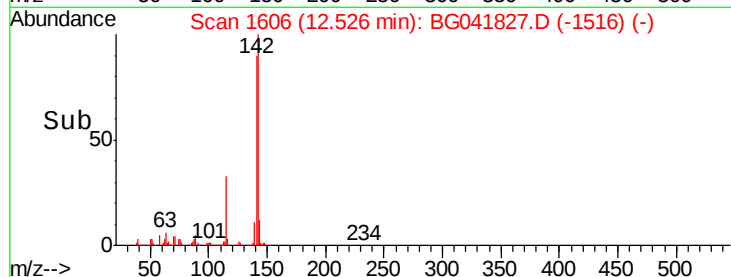
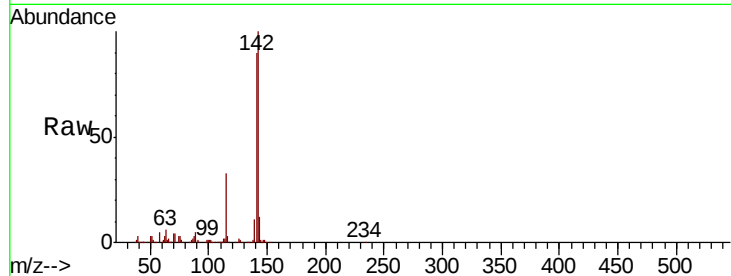
ClientSampleId :

PB121772BS

Tot Ion:	142	Resp:	602831
Ion Ratio	Lower	Upper	
142	100		
141	90.5	72.7	109.1
115	33.3	27.0	40.4

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



#38

1-Methylnaphthalene

Concen: 41.581 ng

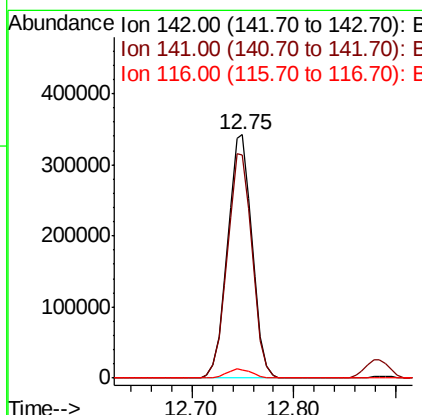
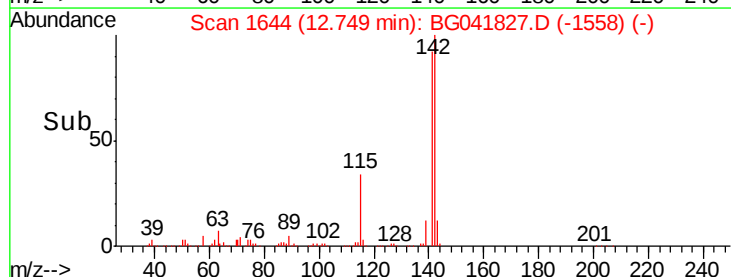
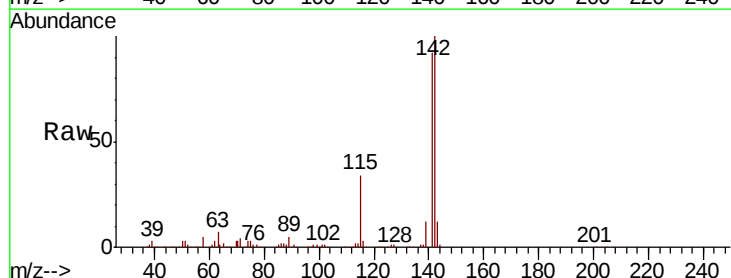
RT: 12.75 min Scan# 1644

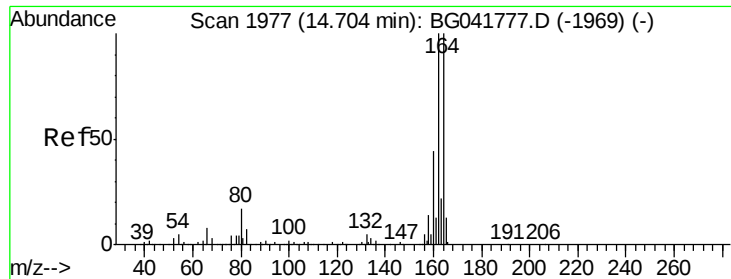
Delta R.T. 0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Tgt Ion:	142	Resp:	570895
Ion Ratio	Lower	Upper	
142	100		
141	91.8	75.4	113.2
116	3.4	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

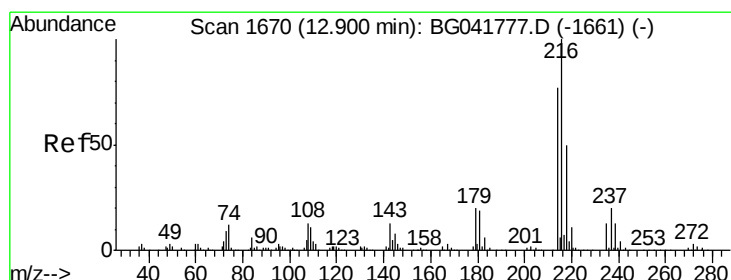
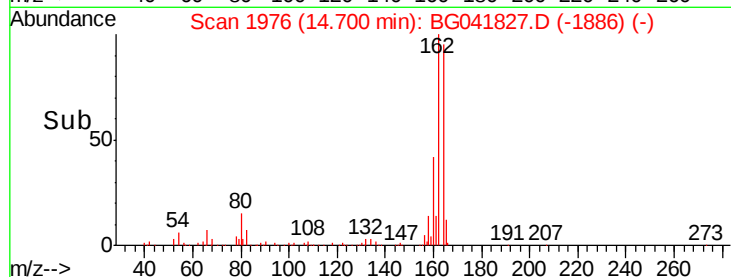
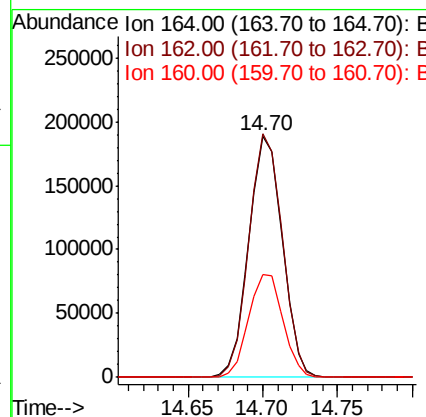
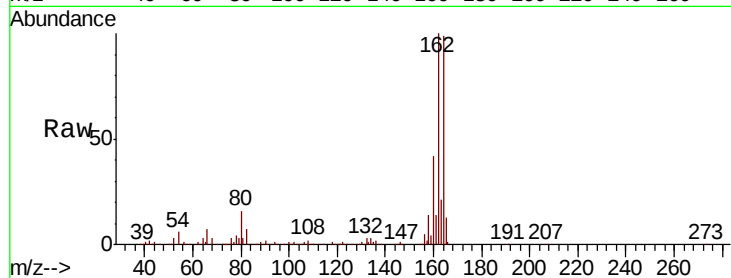
ClientSampleId :

PB121772BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.6	119.4
160	42.7	35.4	53.0

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.570 ng

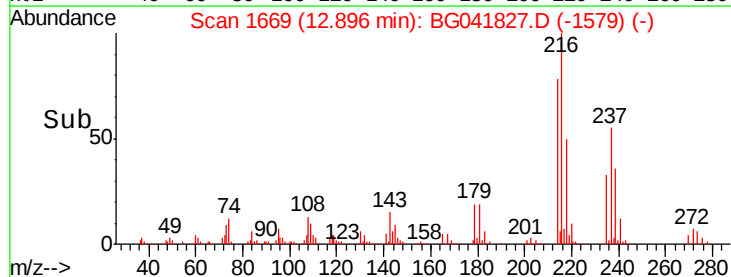
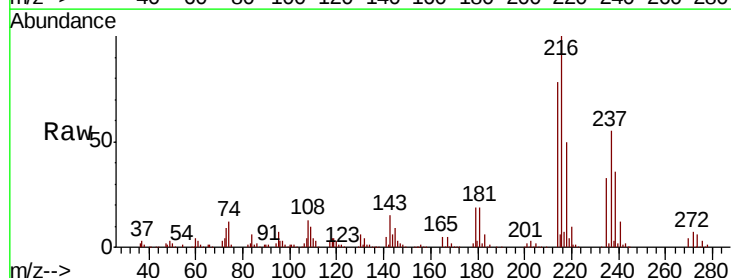
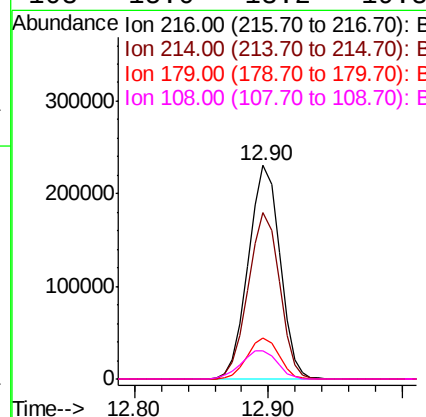
RT: 12.90 min Scan# 1669

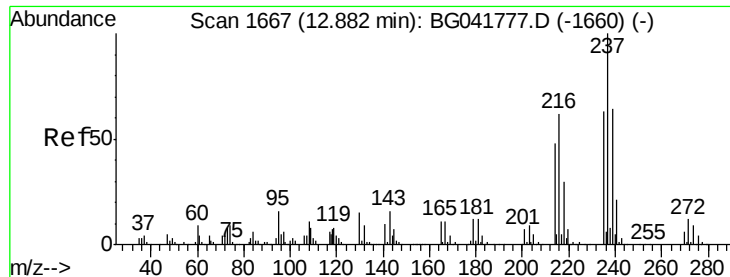
Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	61.5	92.3
179	19.3	16.2	24.2
108	15.0	13.2	19.8





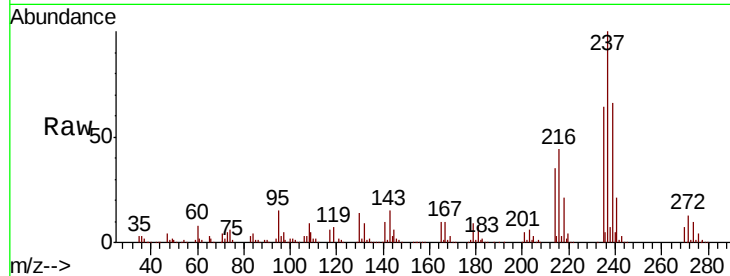
#41
Hexachlorocyclopentadiene
Concen: 85.347 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

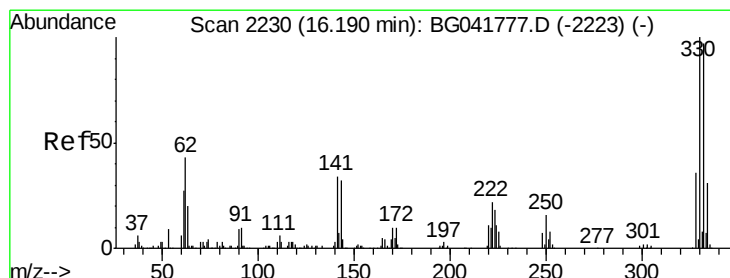
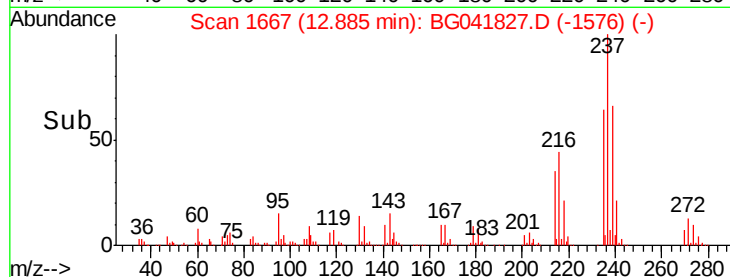
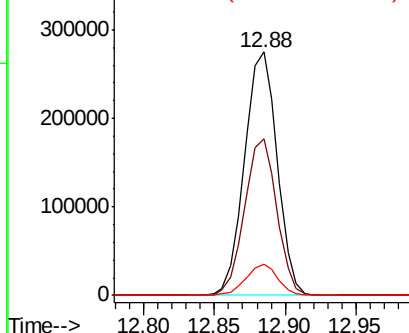
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.4	43.5	83.5
272	12.9	0.0	31.2

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM

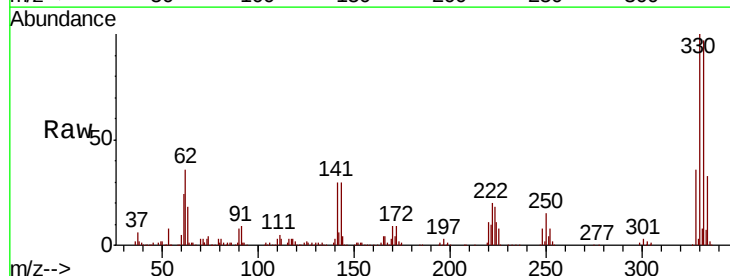


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

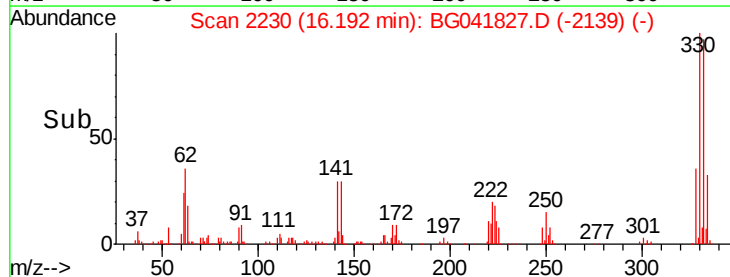
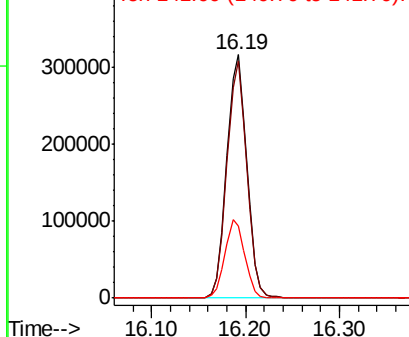


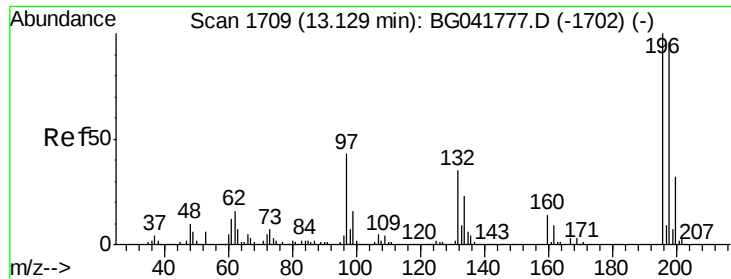
#42
2,4,6-Tribromophenol
Concen: 140.940 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	77.4	116.0
141	31.9	31.9	47.9



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





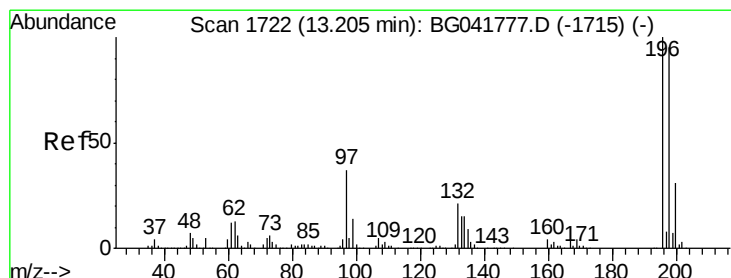
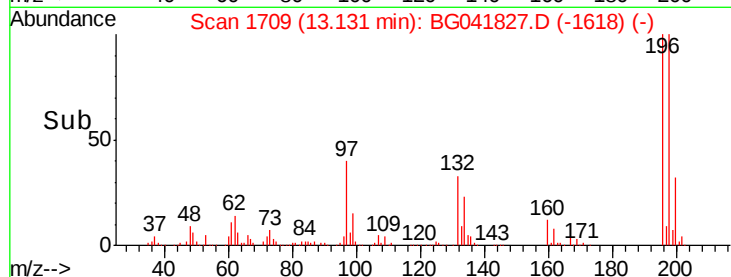
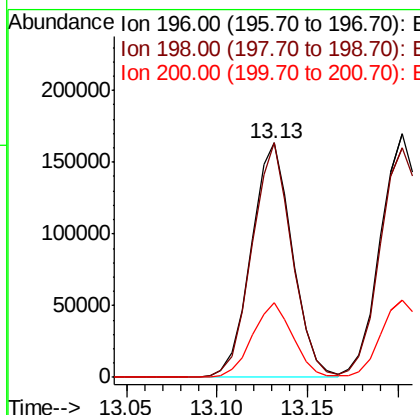
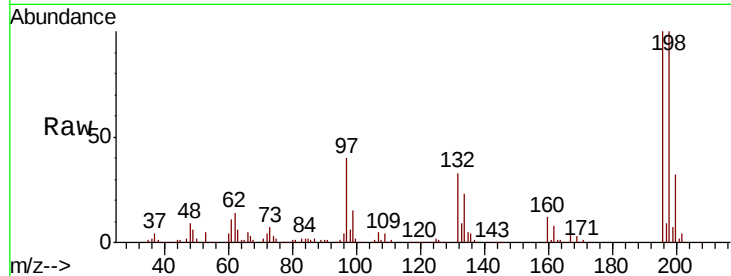
#43
 2,4,6-Trichlorophenol
 Concen: 44.066 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Instrument :
 BNA_G
 ClientSampleId :
 PB121772BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	258792		
198	99.9	79.6	119.4	
200	31.6	25.2	37.8	

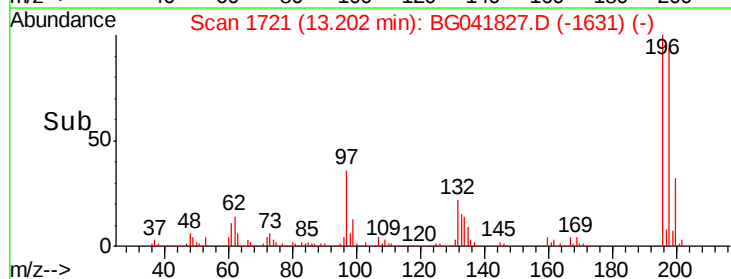
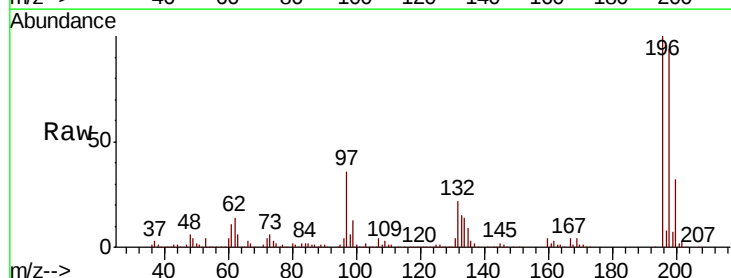
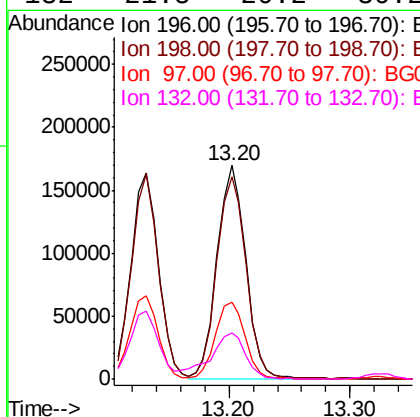
Manual Integrations
 APPROVED

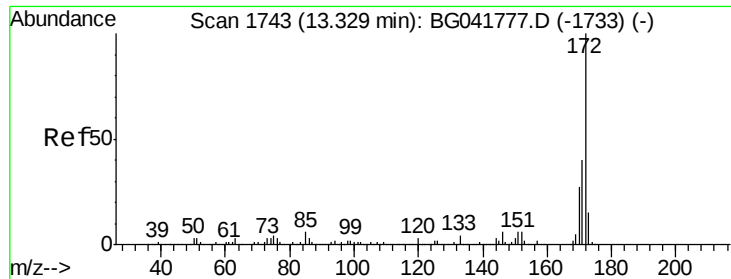
mohammad
 8/1/2019 5:05:24 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.690 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278845		
198	94.5	80.6	121.0	
97	35.8	33.9	50.9	
132	21.5	20.2	30.2	





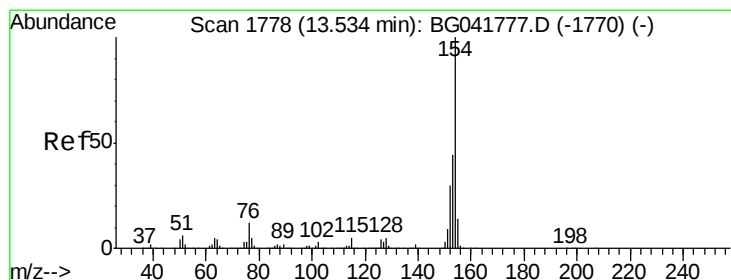
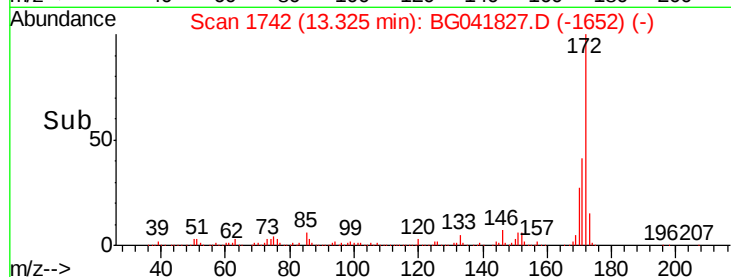
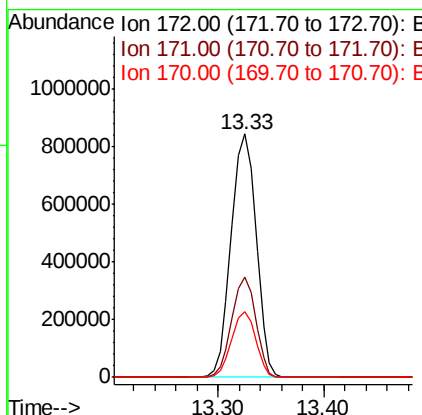
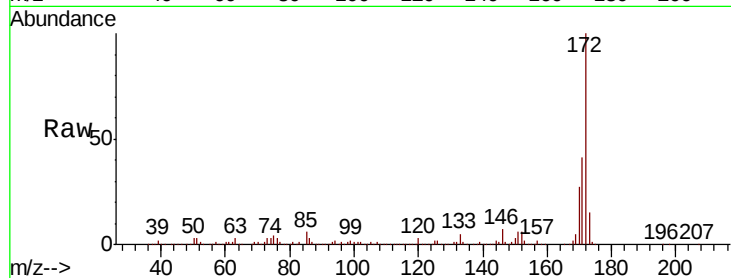
#45
2-Fluorobiphenyl
Concen: 83.403 ng
RT: 13.33 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.0	35.0	52.4
170	27.1	23.5	35.3

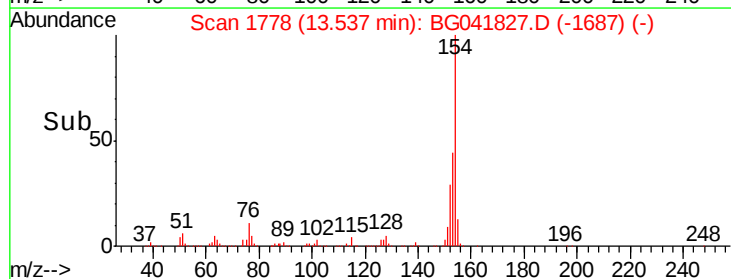
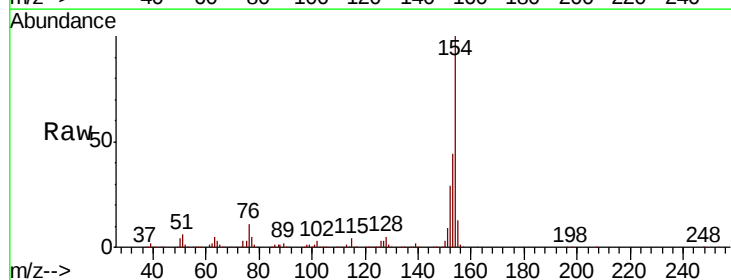
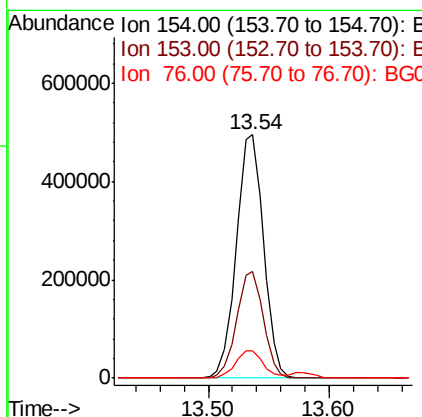
Manual Integrations
APPROVED

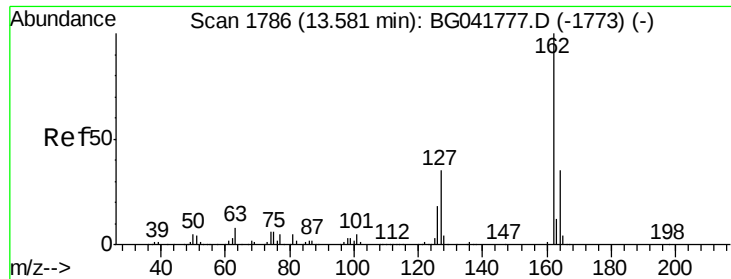
mohammad
8/1/2019 5:05:24 PM



#46
1,1'-Biphenyl
Concen: 41.185 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	25.0	65.0
76	11.3	0.0	34.5





#47

2-Chloronaphthalene

Concen: 38.993 ng

RT: 13.58 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

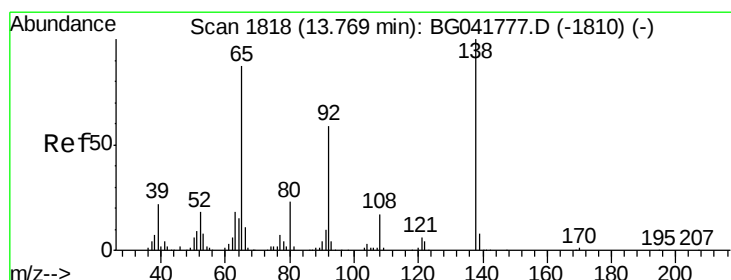
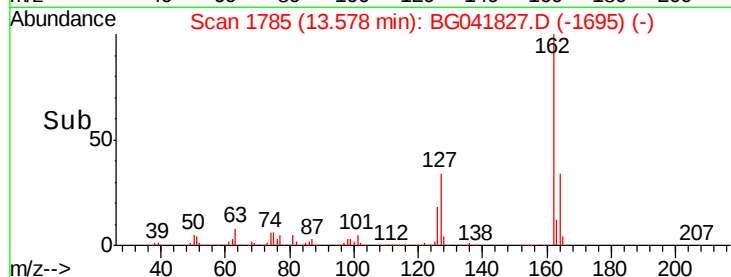
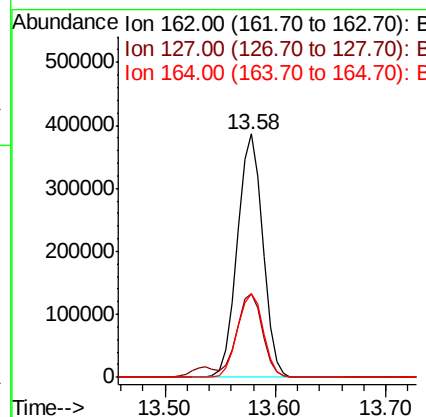
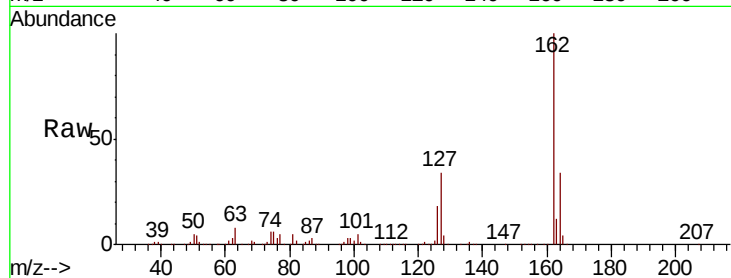
ClientSampleId :

PB121772BS

Tot Ion:	162	Resp:	626452
Ion Ratio		Lower	Upper
162	100		
127	34.4	30.4	45.6
164	34.2	28.6	42.8

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



#48

2-Nitroaniline

Concen: 44.031 ng

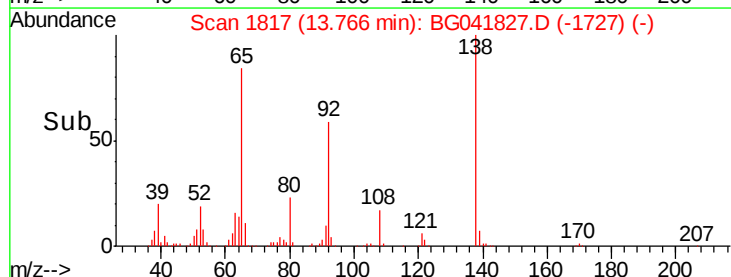
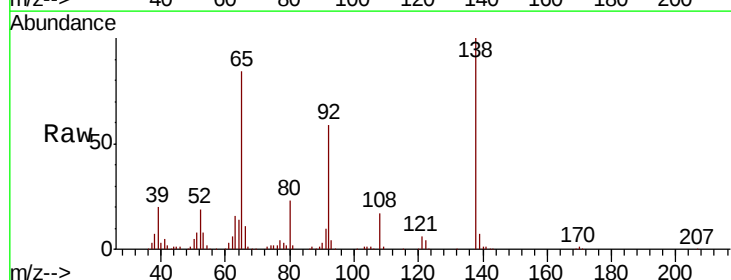
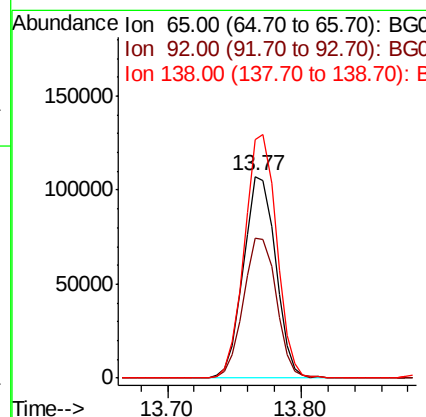
RT: 13.77 min Scan# 1817

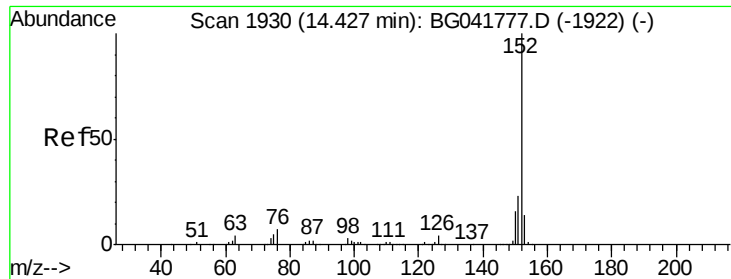
Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Tgt Ion:	65	Resp:	179407
Ion Ratio		Lower	Upper
65	100		
92	69.4	53.9	80.9
138	118.4	83.5	125.3





#49

Acenaphthylene

Concen: 41.029 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

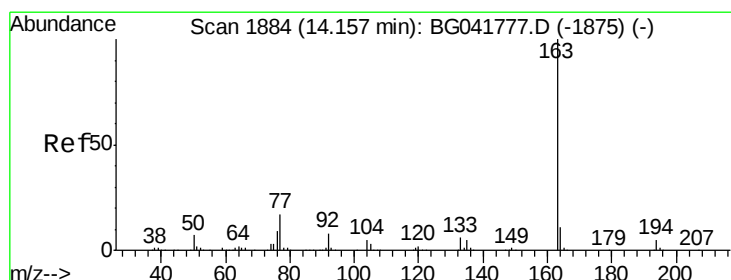
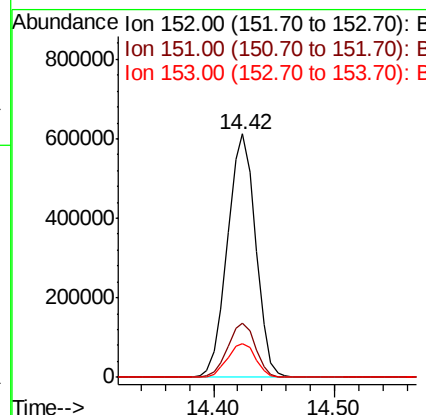
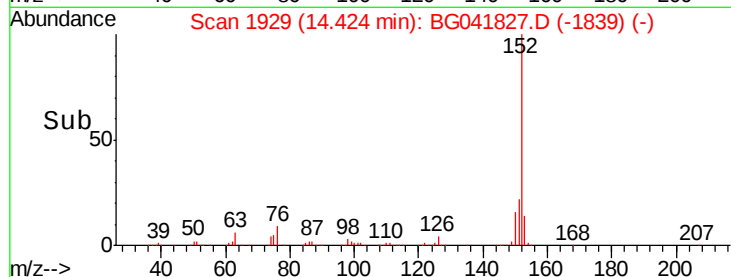
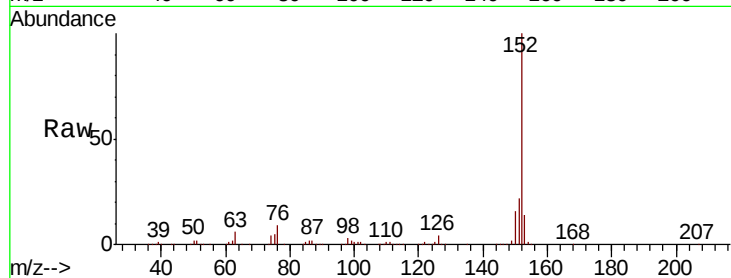
ClientSampleId :

PB121772BS

Tot Ion:	152	Resp:	985990
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.7	28.1
153	14.1	12.4	18.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



#50

Dimethylphthalate

Concen: 41.402 ng

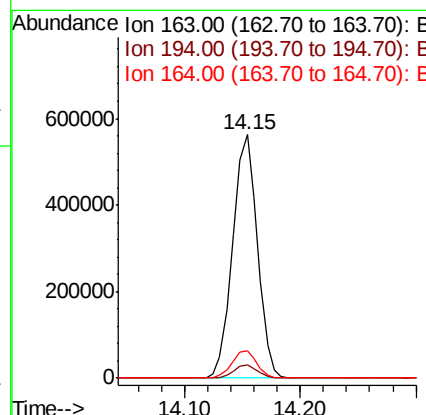
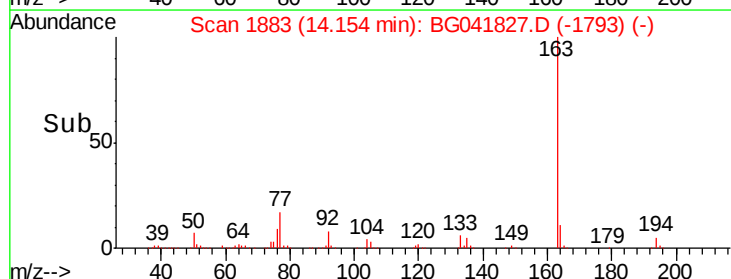
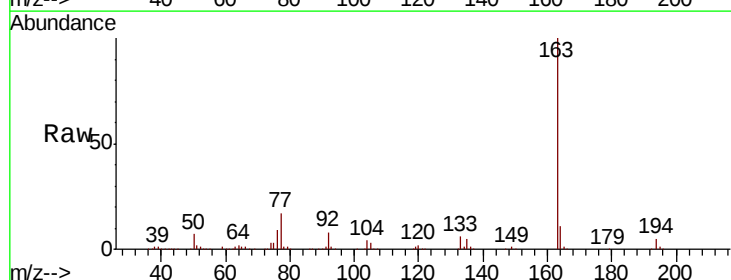
RT: 14.15 min Scan# 1883

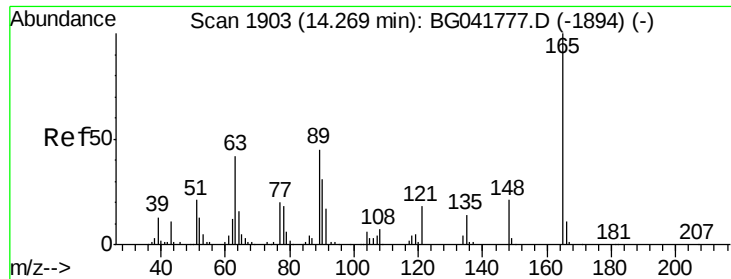
Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Tgt Ion:	163	Resp:	830011
Ion Ratio	Lower	Upper	
163	100		
194	5.4	4.2	6.2
164	11.2	9.4	14.2





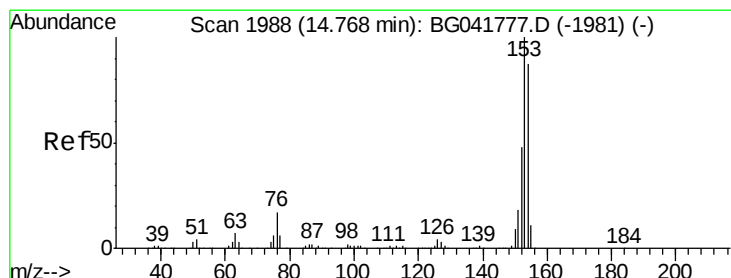
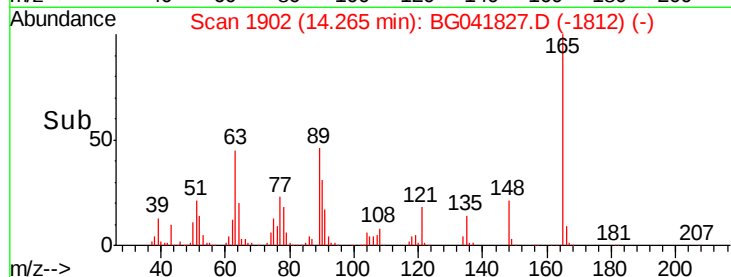
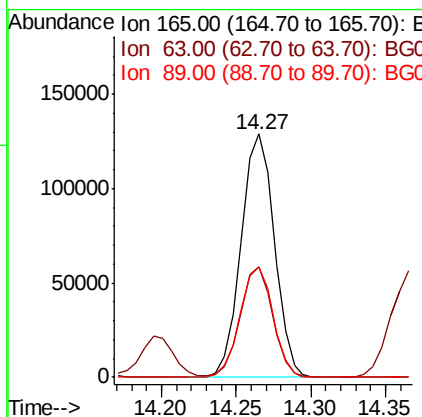
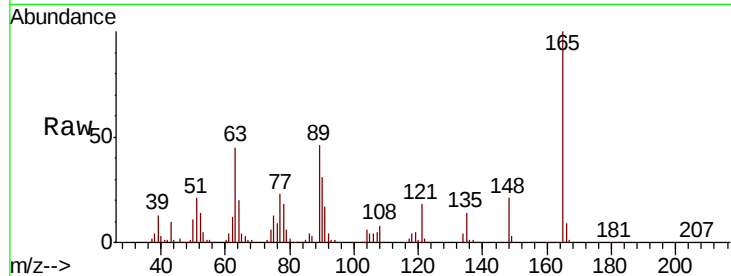
#51
2,6-Dinitrotoluene
Concen: 47.478 ng
RT: 14.27 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199028		
63	45.3		42.4	63.6
89	45.6		42.1	63.1

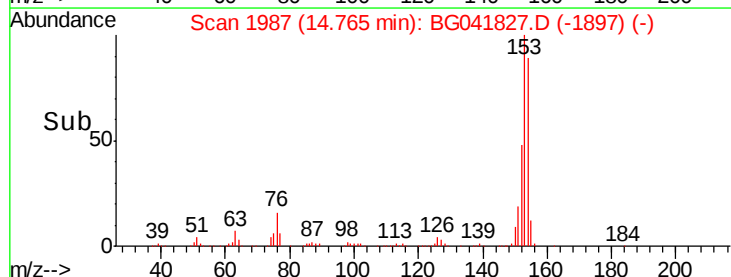
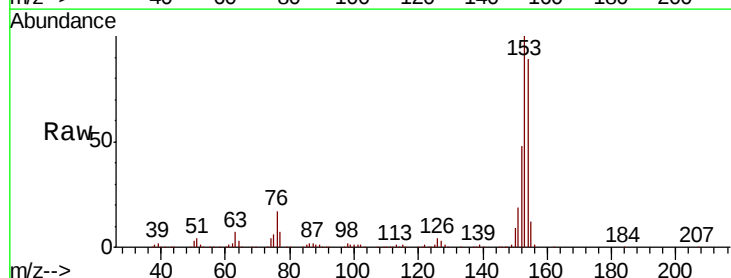
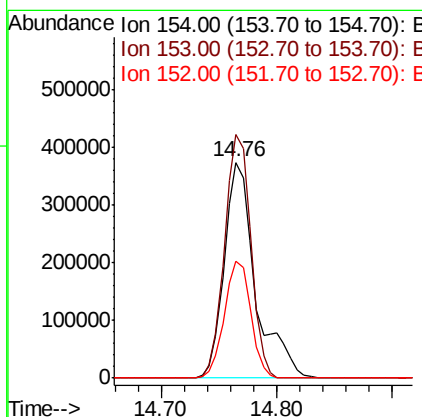
Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



#52
Acenaphthene
Concen: 45.156 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	705788		
153	112.9		89.8	134.6
152	54.4		44.9	67.3





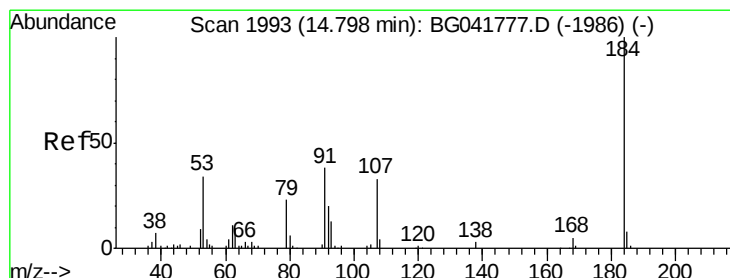
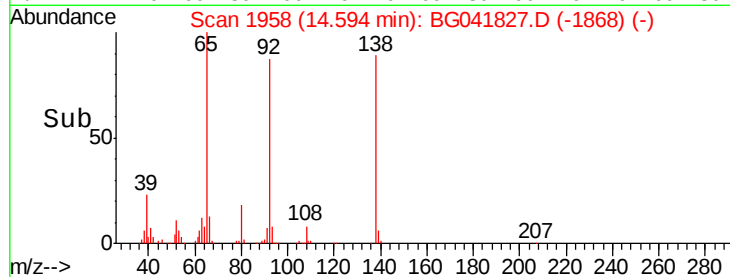
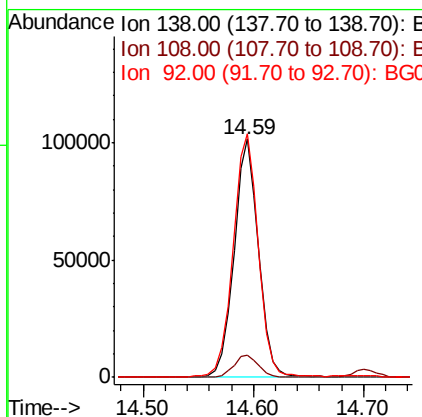
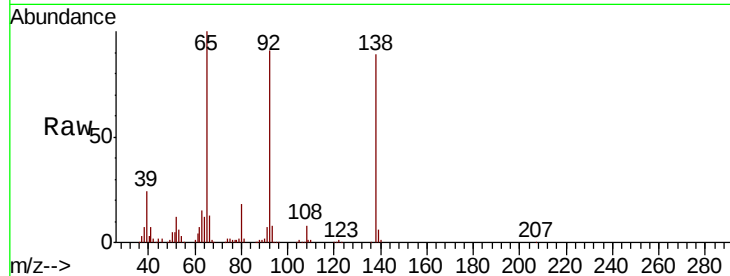
#53
3-Nitroaniline
Concen: 35.078 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	10.3	15.5#
92	102.3	93.0	139.4

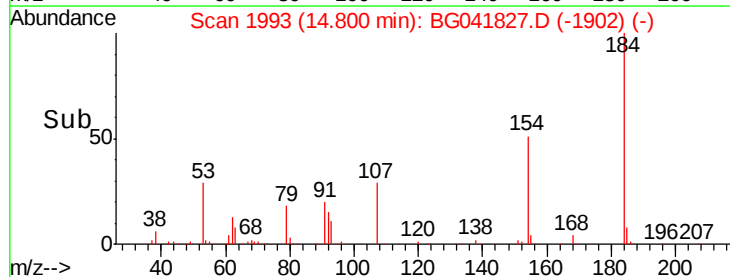
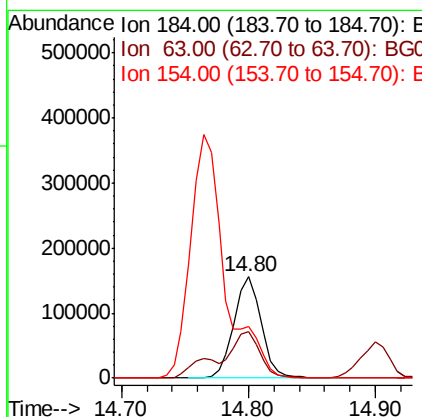
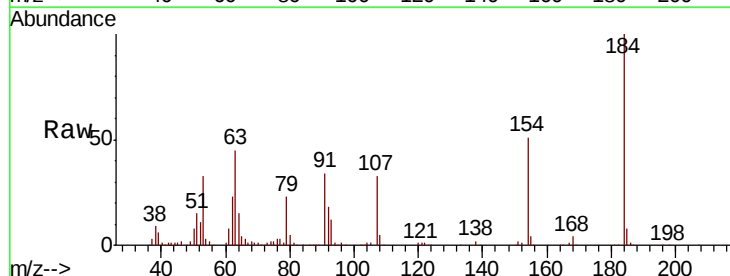
Manual Integrations
APPROVED

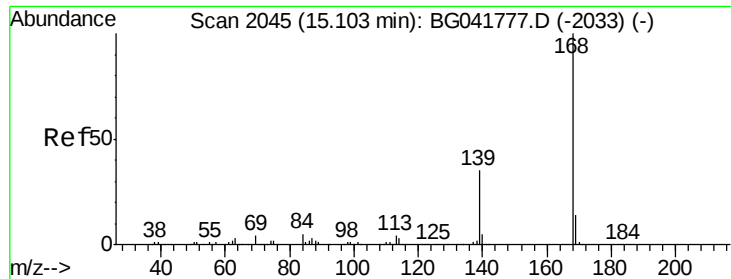
mohammad
8/1/2019 5:05:24 PM



#54
2,4-Dinitrophenol
Concen: 88.181 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.3	43.2	64.8
154	51.1	51.4	77.2#





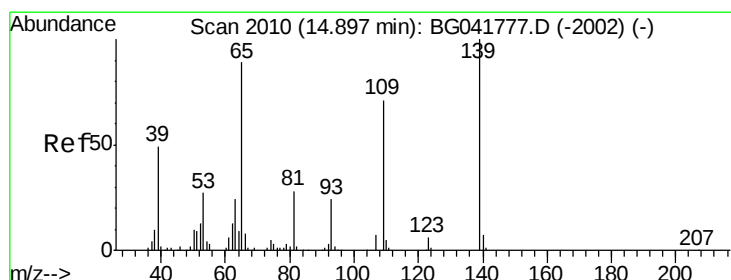
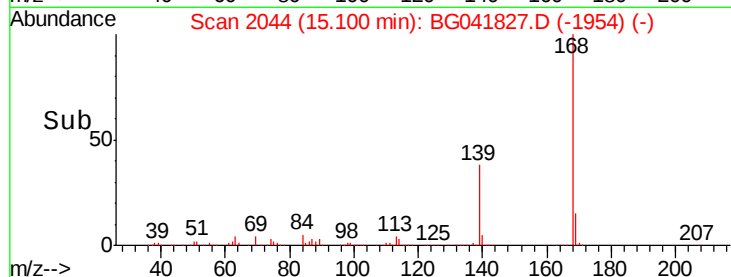
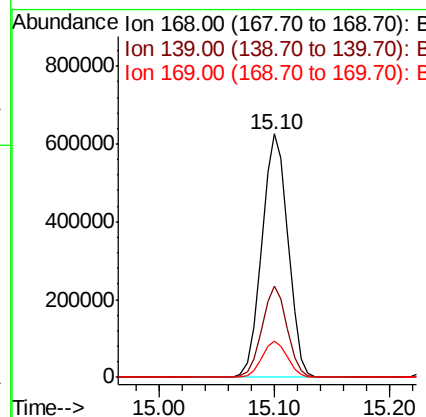
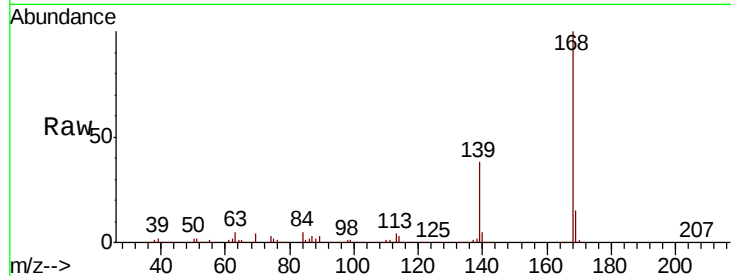
#55
Dibenzenofuran
Concen: 41.295 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.9	47.9
169	14.7	12.5	18.7

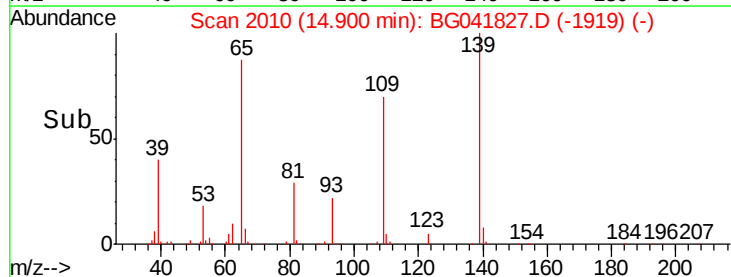
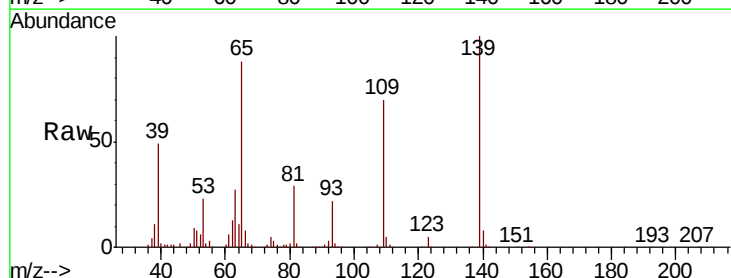
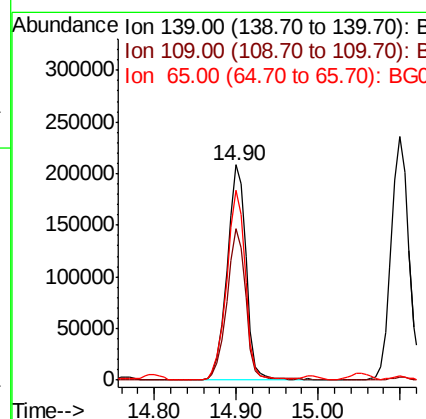
Manual Integrations
APPROVED

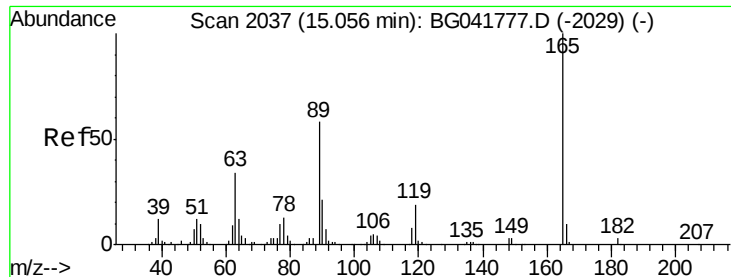
mohammad
8/1/2019 5:05:24 PM



#56
4-Nitrophenol
Concen: 98.976 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.3	51.3	91.3
65	88.5	77.6	117.6





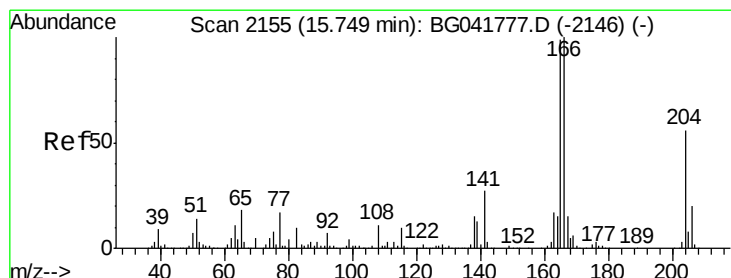
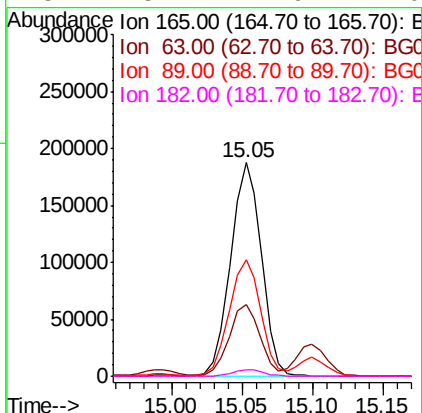
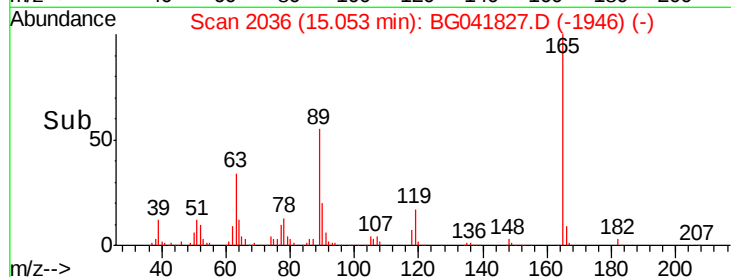
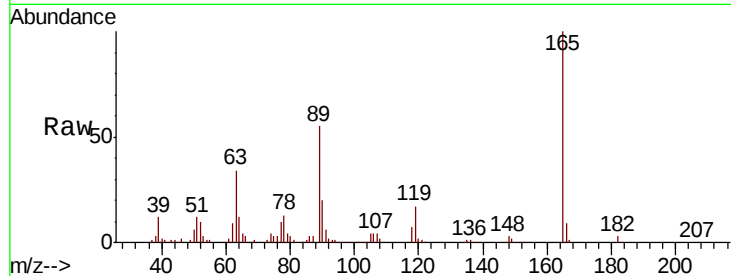
#57
2,4-Dinitrotoluene
Concen: 49.320 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	284326		
63	33.6		31.7	47.5
89	54.8		50.2	75.4
182	3.2		2.6	4.0

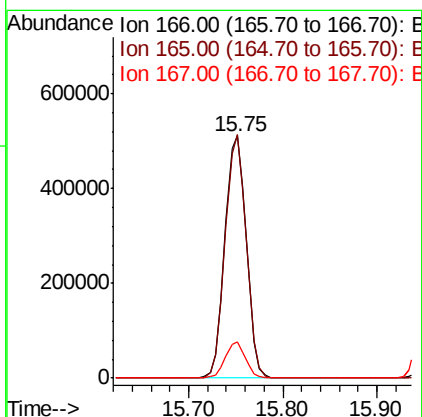
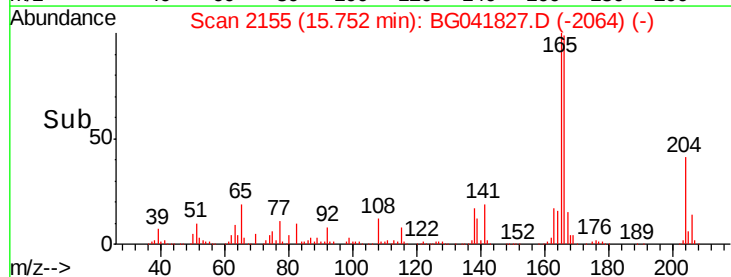
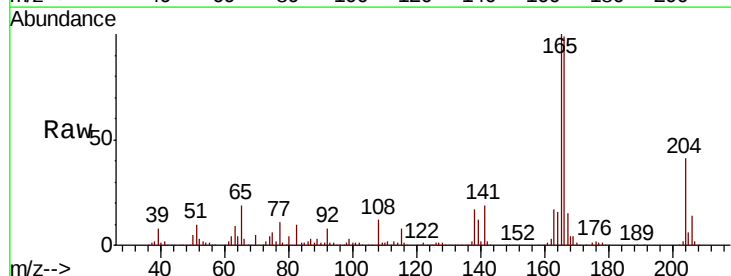
Manual Integrations
APPROVED

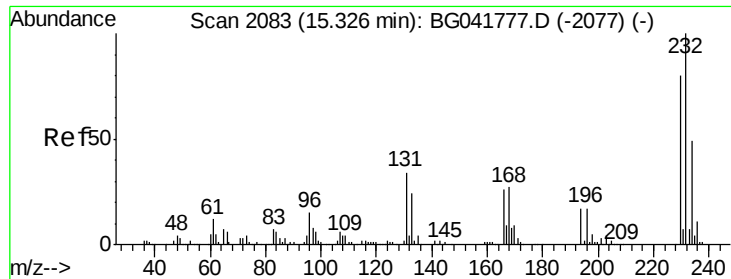
mohammad
8/1/2019 5:05:24 PM



#58
Fluorene
Concen: 42.068 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	807109		
165	100.5		80.5	120.7
167	14.8		12.4	18.6





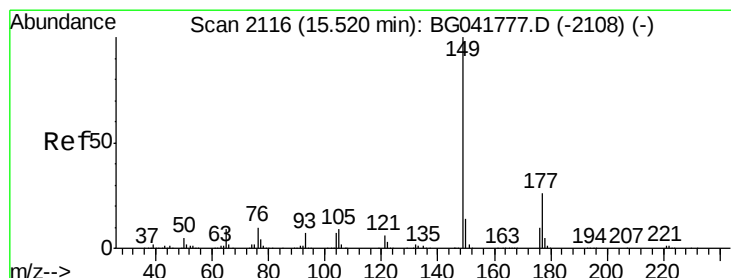
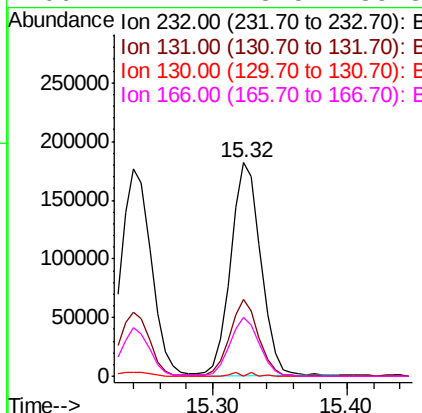
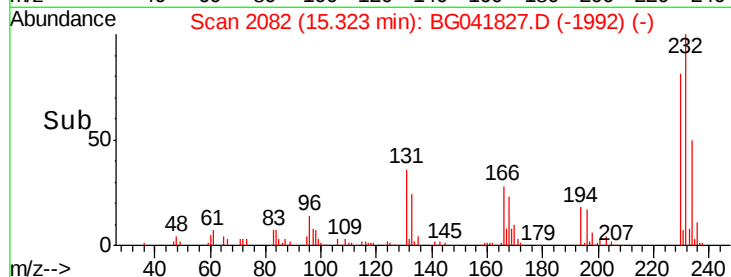
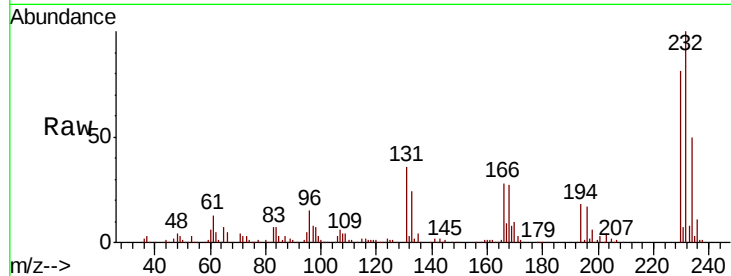
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.221 ng
RT: 15.32 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		285429		
131	33.9	31.8	47.6		
130	1.2	1.8	2.8		
166	27.4	23.5	35.3		

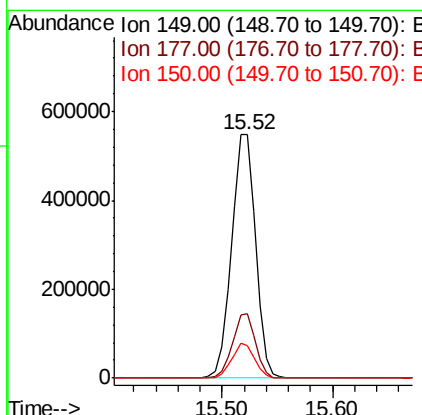
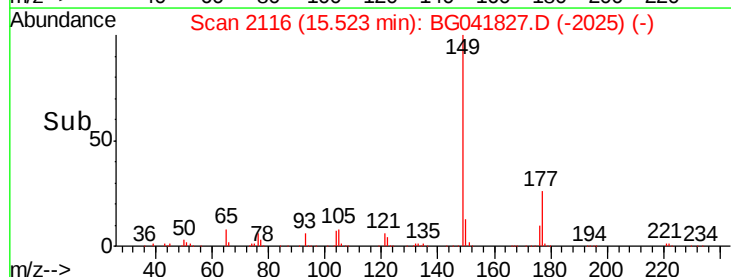
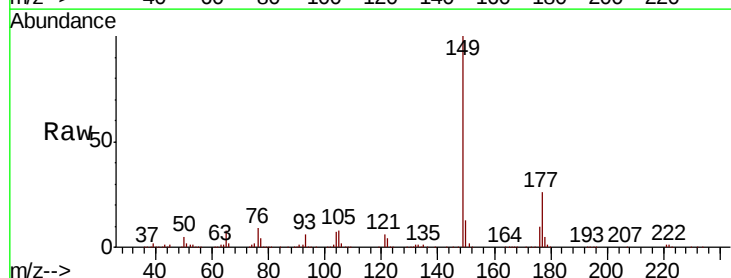
Manual Integrations
APPROVED

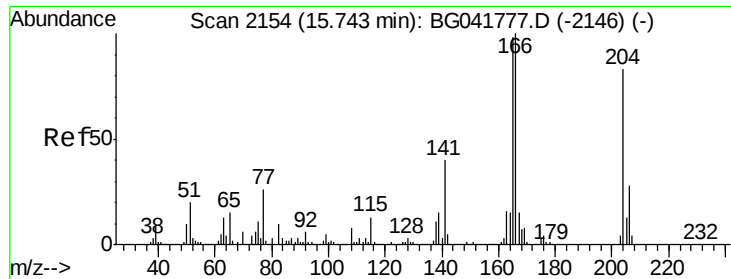
mohammad
8/1/2019 5:05:24 PM



#60
Diethylphthalate
Concen: 42.460 ng
RT: 15.52 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		835700		
177	26.4	20.7	31.1		
150	13.2	11.5	17.3		





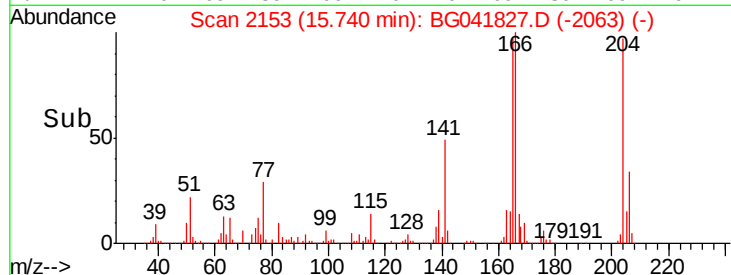
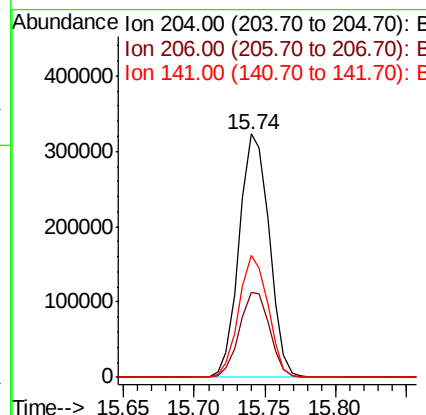
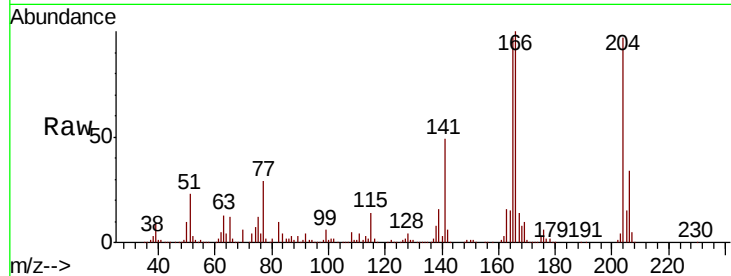
#61
 4-Chlorophenyl-phenylether
 Concen: 41.059 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Instrument :
 BNA_G
 ClientSampleId :
 PB121772BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	480907		
206	34.6		28.6	42.8
141	50.1		42.9	64.3

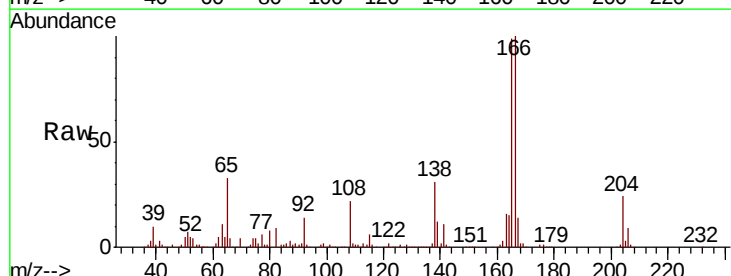
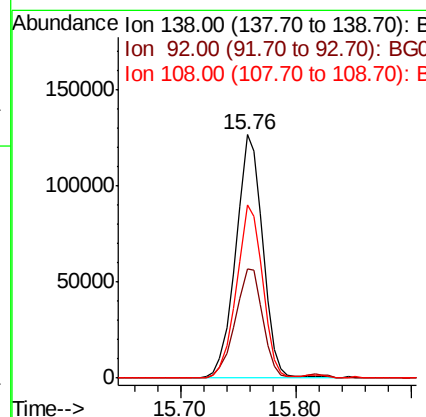
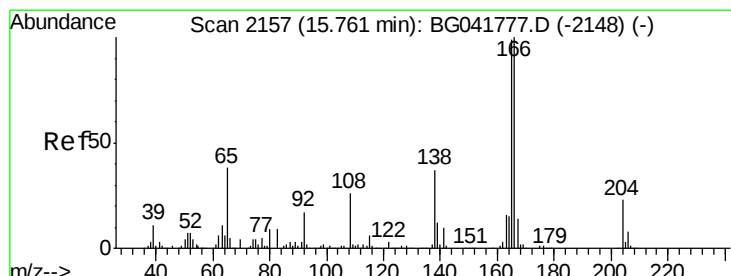
Manual Integrations
 APPROVED

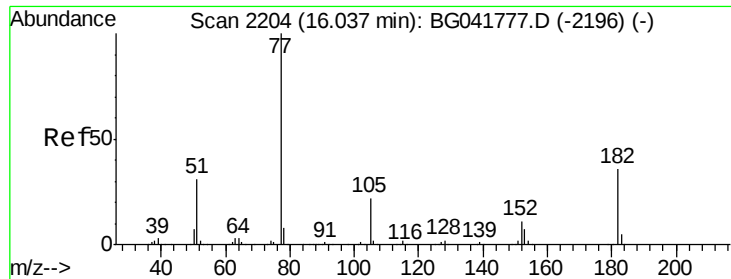
mohammad
 8/1/2019 5:05:24 PM



#62
 4-Nitroaniline
 Concen: 42.122 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	204613		
92	44.9		29.8	69.8
108	71.4		52.2	92.2





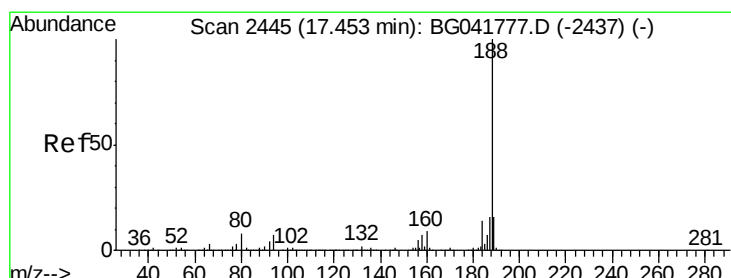
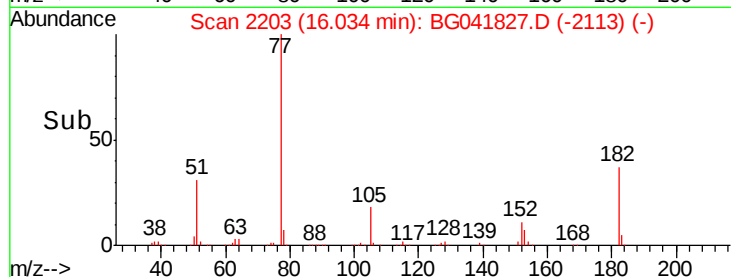
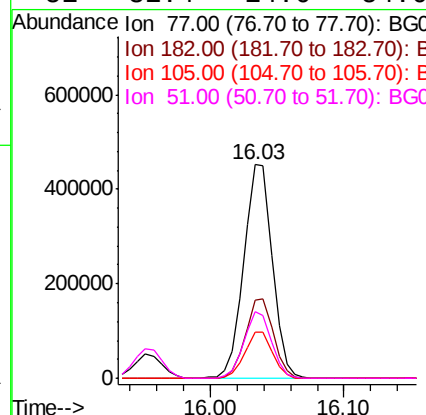
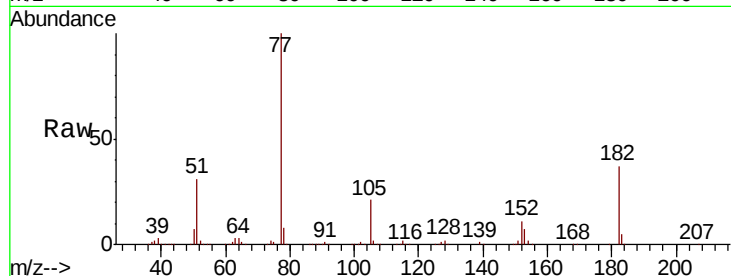
#63
Azobenzene
Concen: 41.325 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	36.5	13.2	53.2	
105	21.4	2.2	42.2	
51	31.4	14.6	54.6	

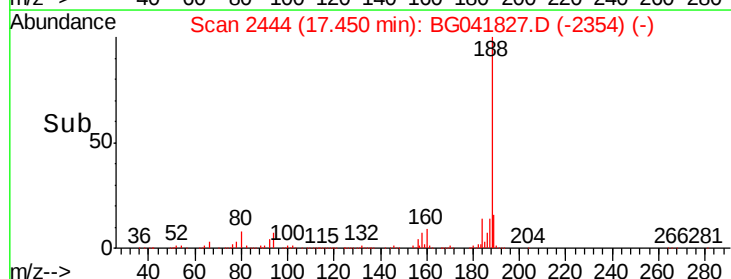
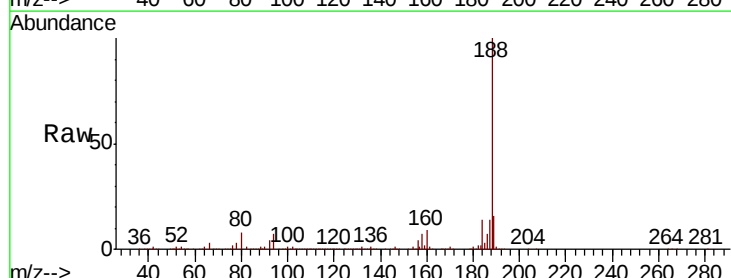
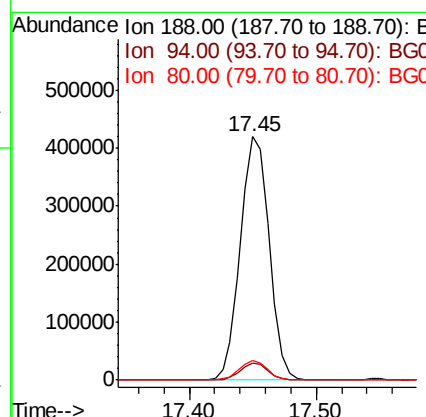
Manual Integrations
APPROVED

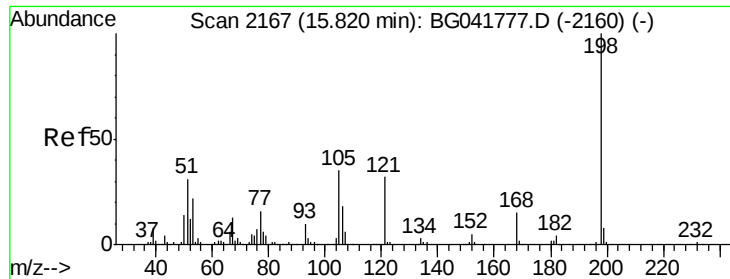
mohammad
8/1/2019 5:05:24 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.3	6.9	10.3	
80	7.9	8.0	12.0	





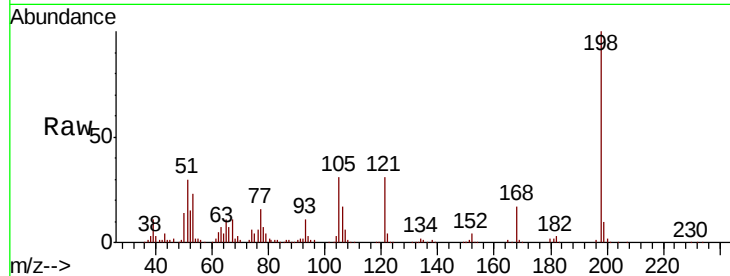
#65
4,6-Dinitro-2-methylphenol
Concen: 48.837 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

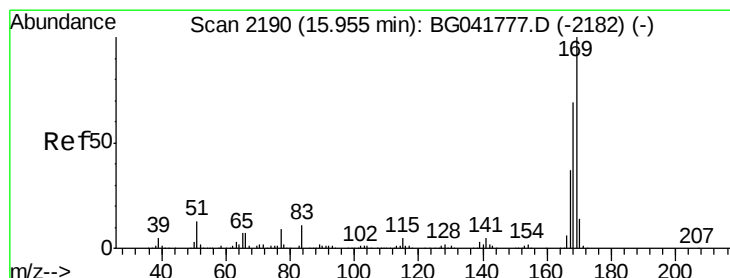
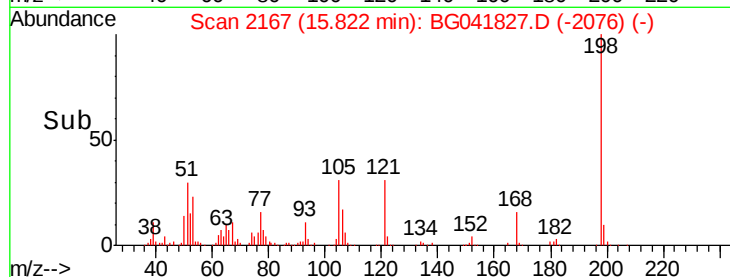
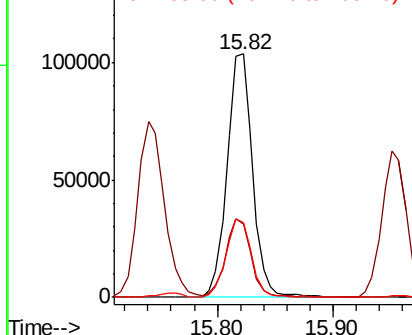
Tot Ion	Ratio	Resp	Lower	Upper
198	100	158433		
51	30.0	22.3	62.3	
105	30.6	18.0	58.0	

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM

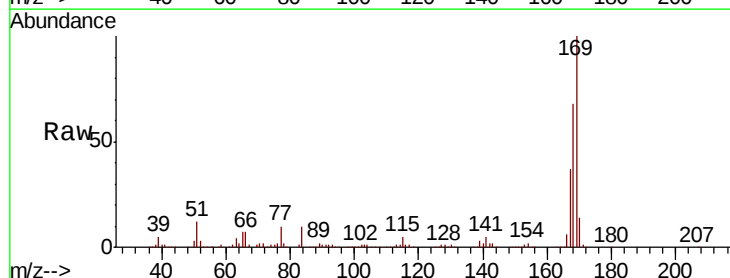


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

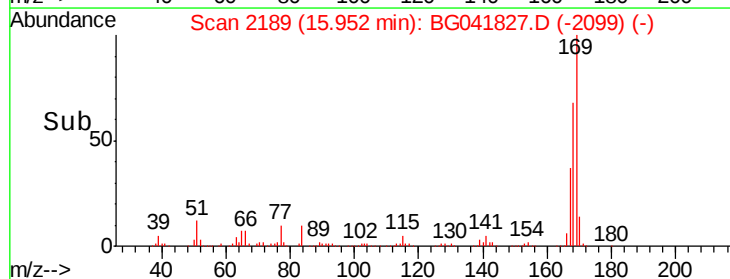
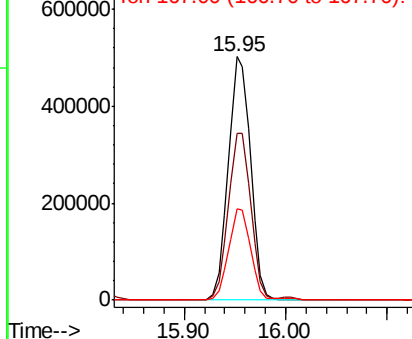


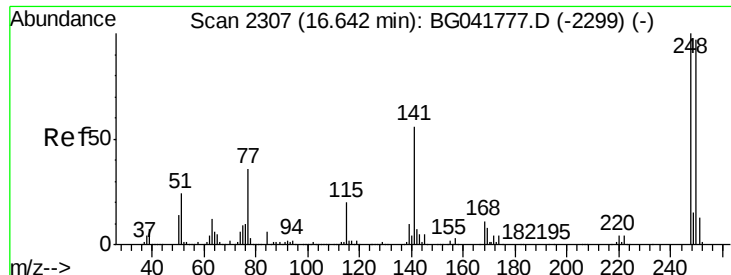
#66
n-Nitrosodiphenylamine
Concen: 42.530 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	765692		
168	68.3	56.9	85.3	
167	37.5	31.5	47.3	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





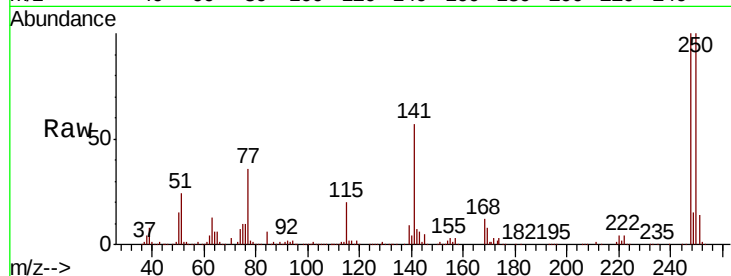
#67
4-Bromophenyl-phenylether
Concen: 40.818 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.2	78.1	117.1
141	57.5	49.6	74.4

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM

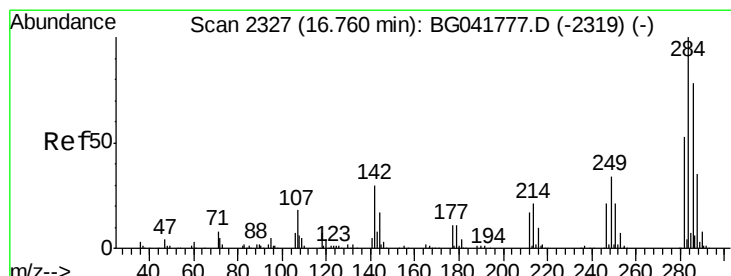
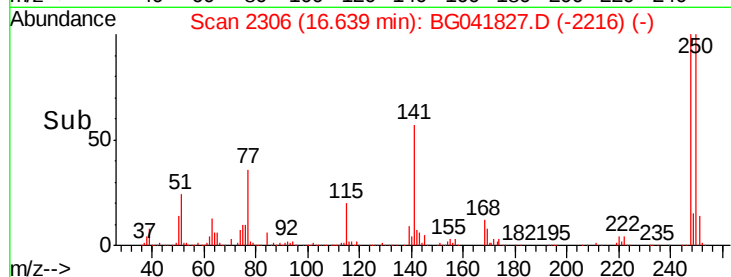
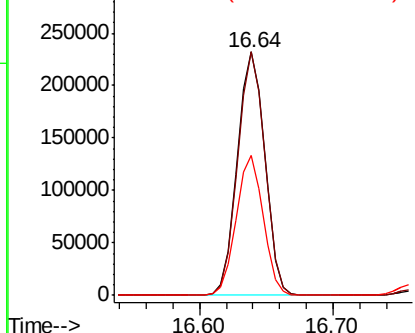


Abundance

Ion 248.00 (247.70 to 248.70): E

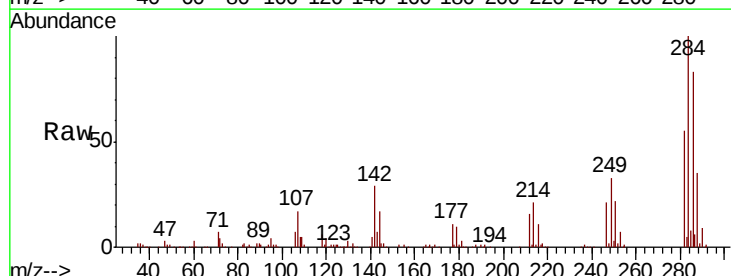
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.983 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	27.0	40.6
249	33.3	28.4	42.6

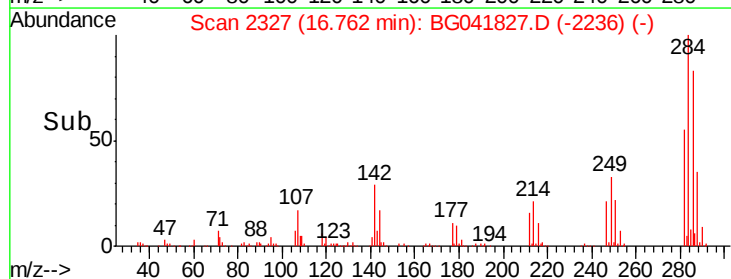
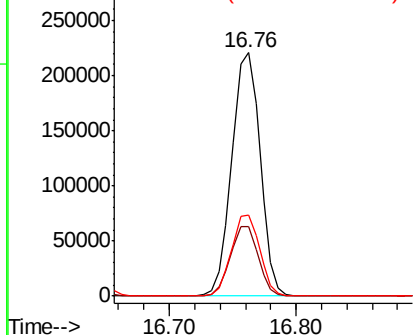


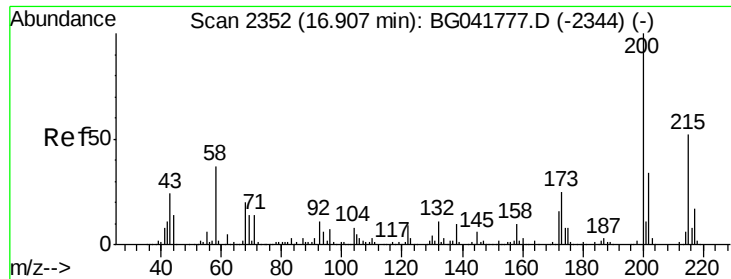
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





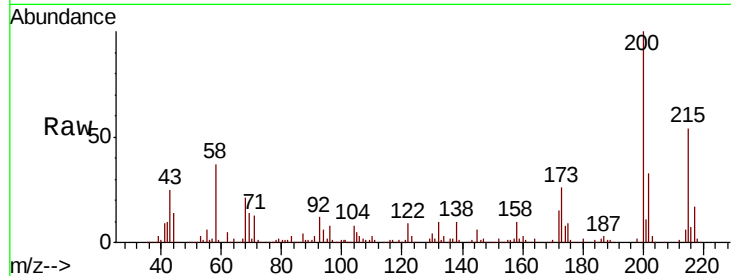
#69
Atrazine
Concen: 43.296 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.9	5.3	45.3
215	53.8	31.8	71.8

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM

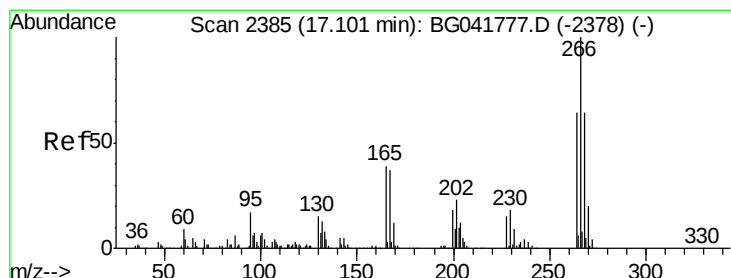
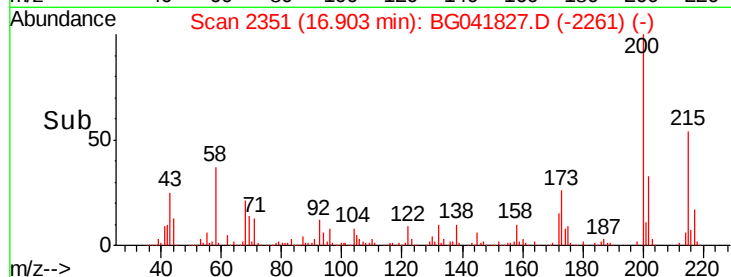
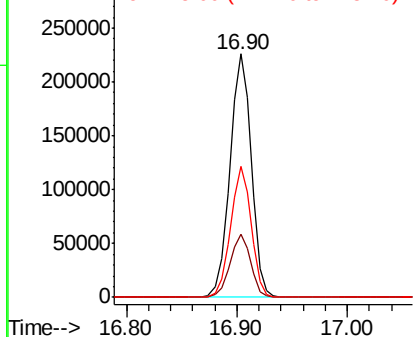


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 94.775 ng
RT: 17.10 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

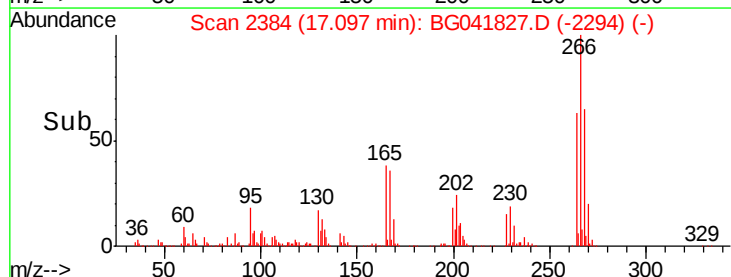
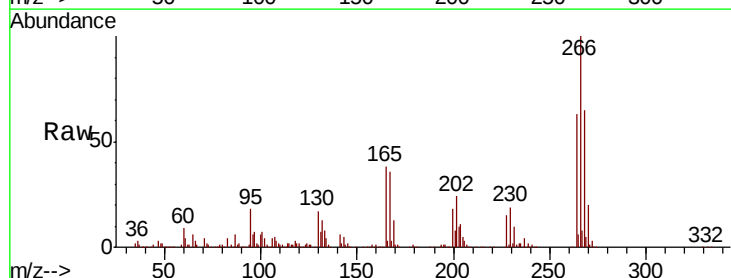
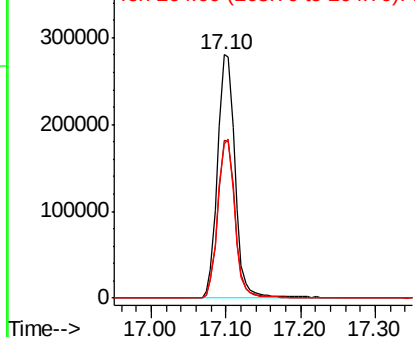
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.0	52.9	79.3
264	63.3	51.4	77.2

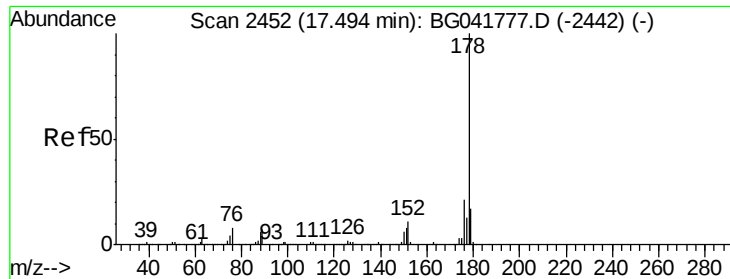
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





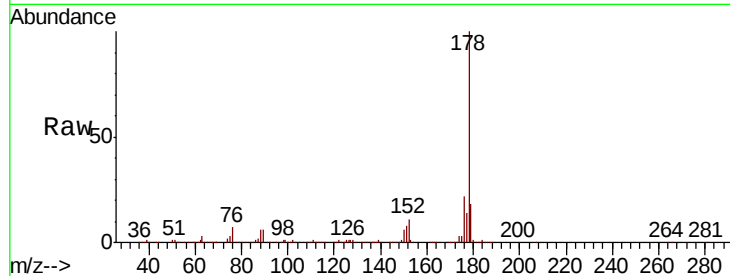
#71
Phenanthrene
Concen: 41.977 ng
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	18.6	28.0
179	17.9	15.4	23.0

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM

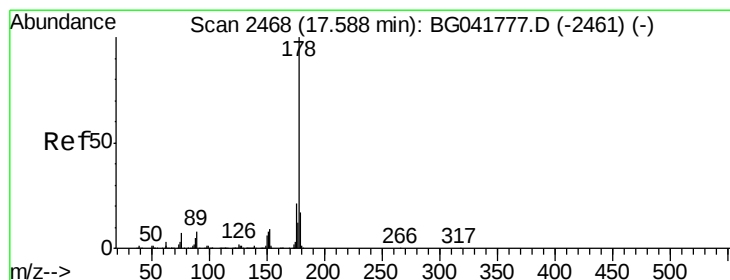
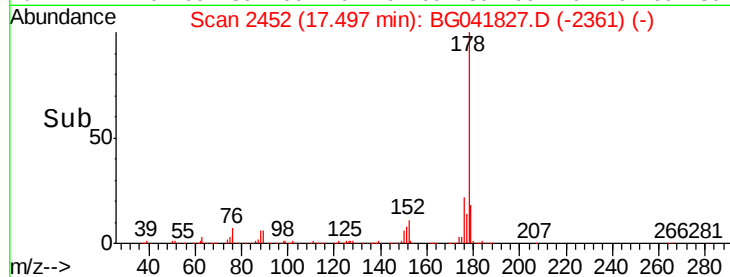
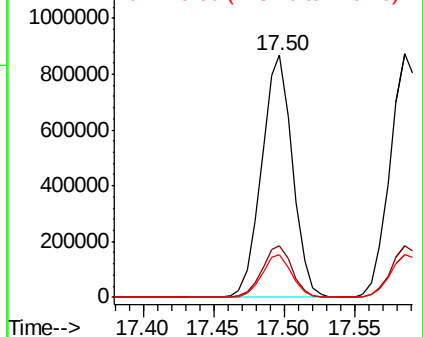


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 43.255 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

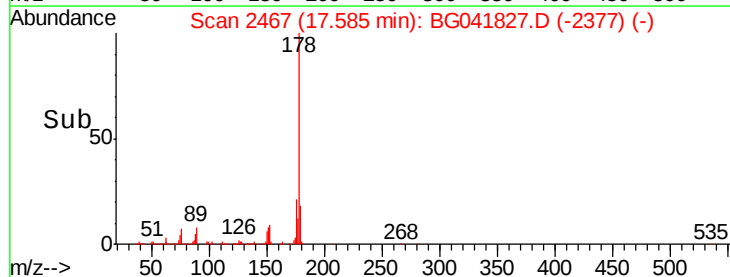
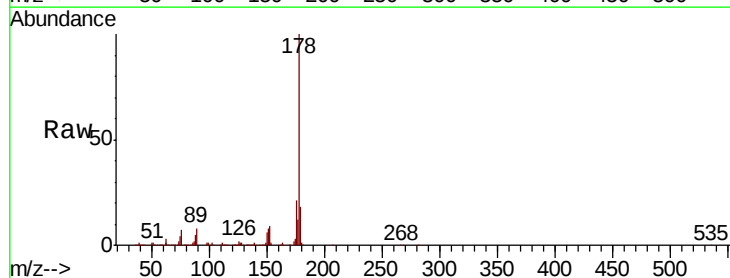
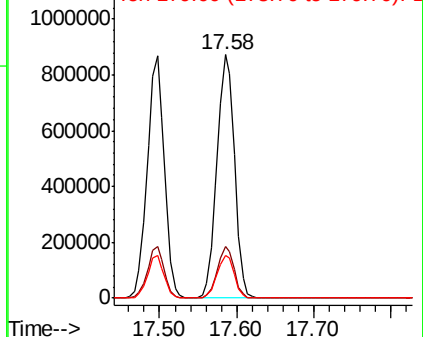
Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	18.6	28.0
179	17.7	15.1	22.7

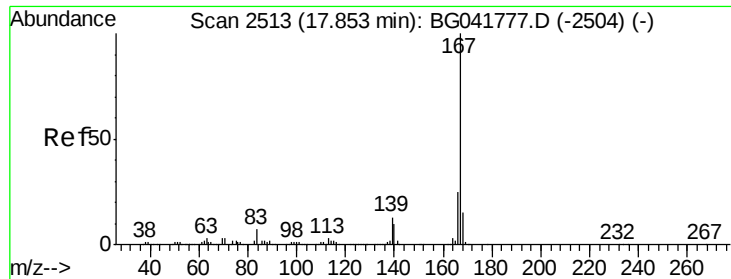
Abundance

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





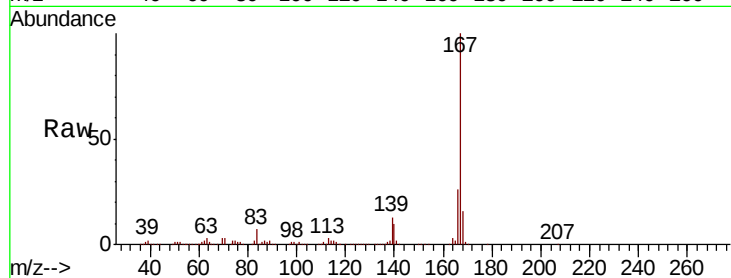
#73
 Carbazole
 Concen: 43.055 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Instrument :
 BNA_G
 ClientSampleId :
 PB121772BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.5	21.4	32.2
139	13.4	12.1	18.1

Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:05:24 PM

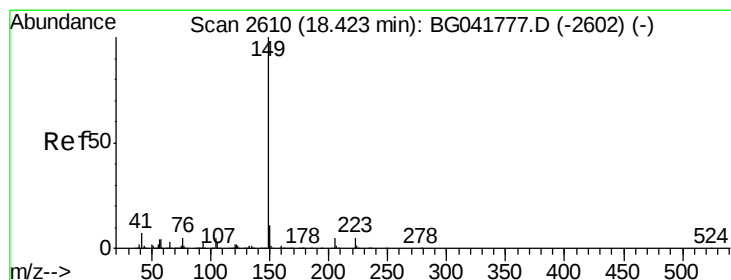
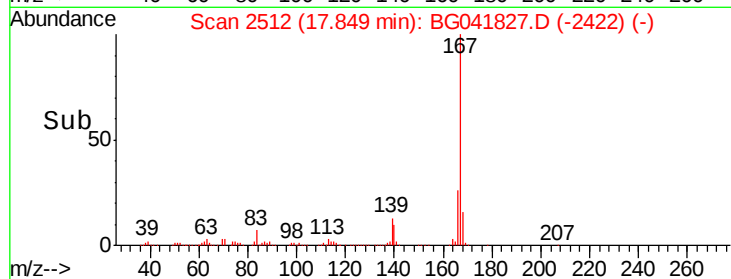
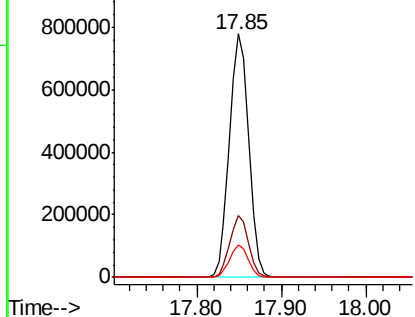


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 43.374 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

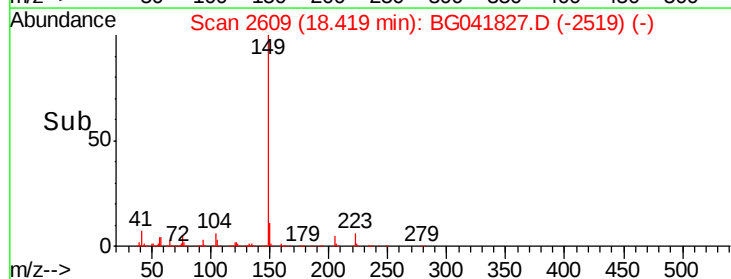
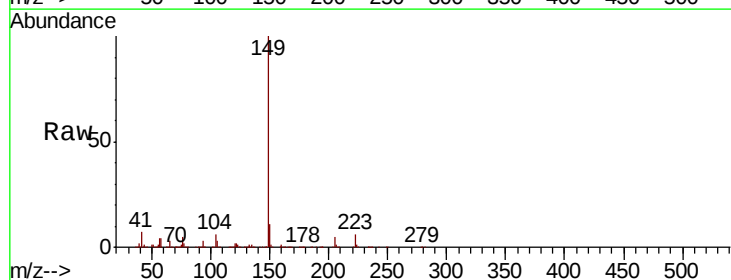
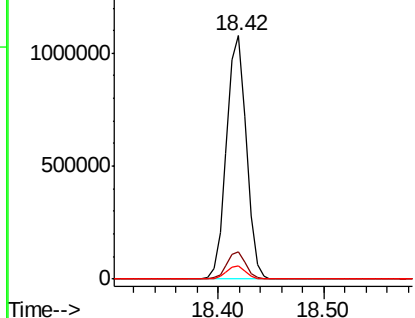
Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	10.2	15.2
104	5.6	5.3	7.9

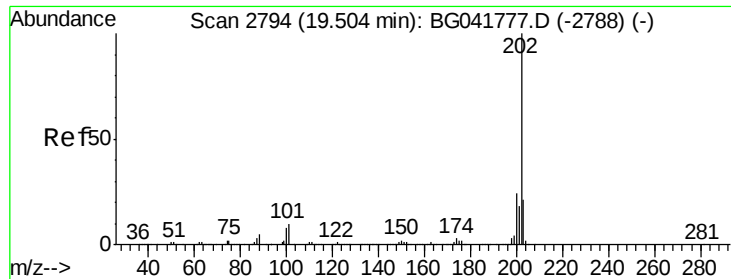
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.272 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

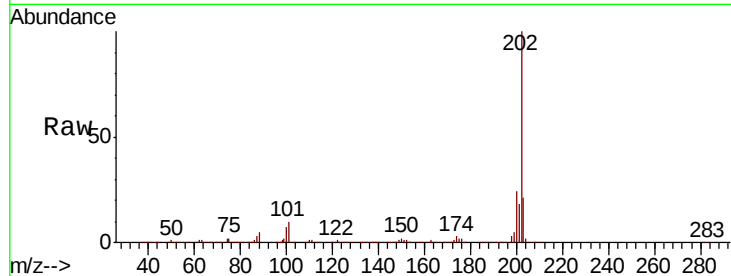
ClientSampleId :

PB121772BS

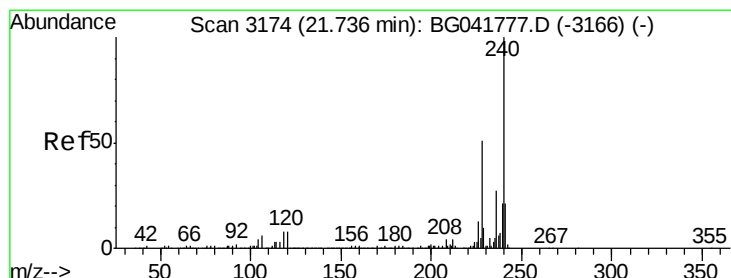
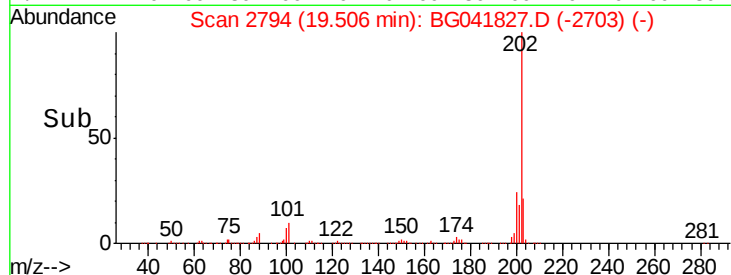
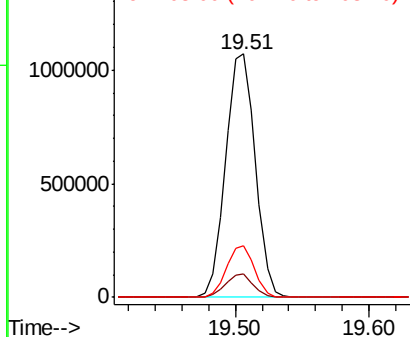
Tot Ion:	202	Resp:	1666350
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	32.8
203	21.2	3.7	43.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

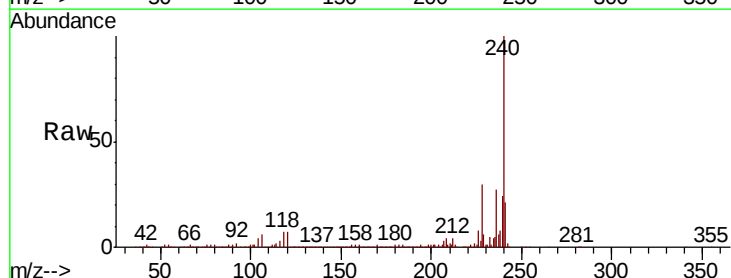
RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

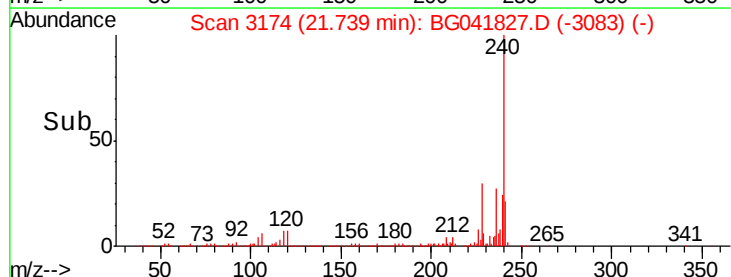
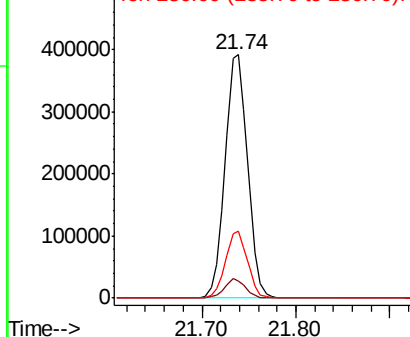
Lab File: BG041827.D

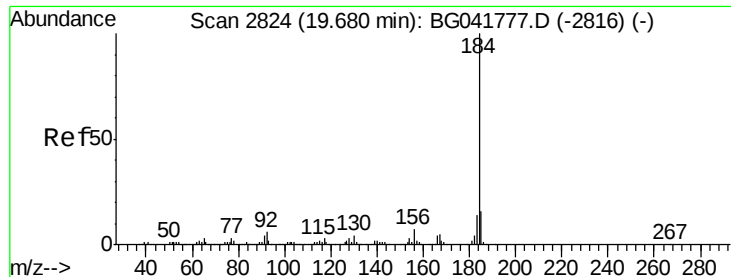
Acq: 31 Jul 2019 9:33

Tgt Ion:	240	Resp:	650780
Ion Ratio	Lower	Upper	
240	100		
120	7.3	8.0	12.0#
236	27.5	22.6	33.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.437 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

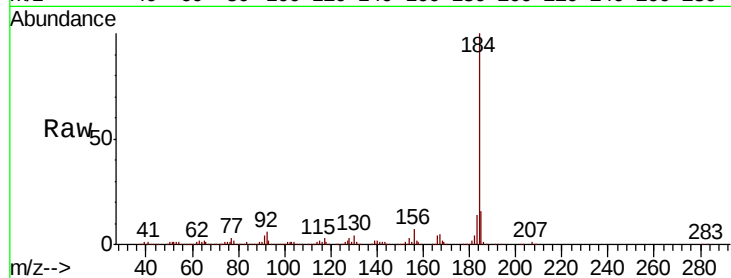
ClientSampleId :

PB121772BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.4	13.0	19.4
183	14.3	11.8	17.6

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM

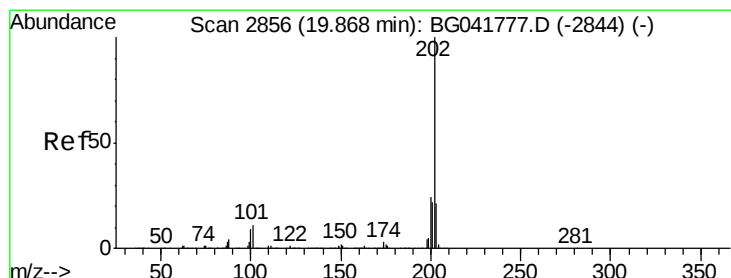
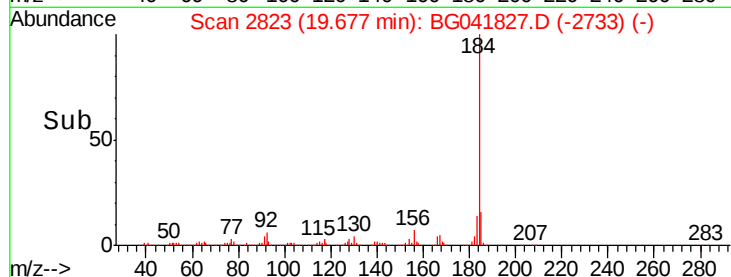
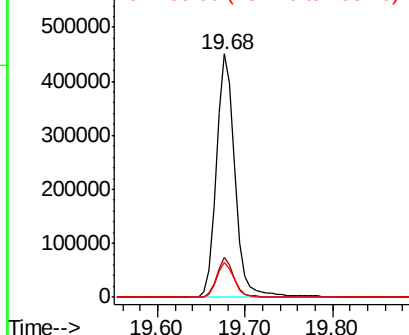


Abundance

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: 42.506 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

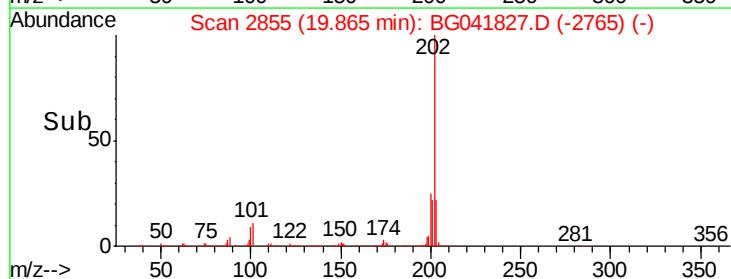
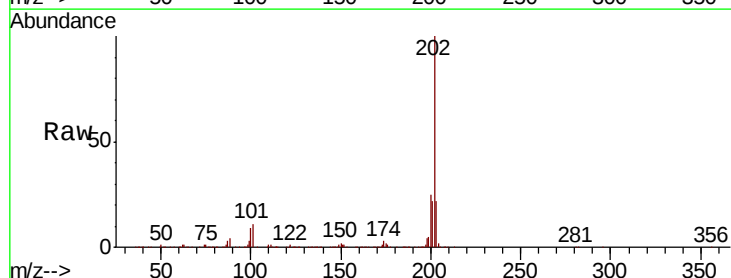
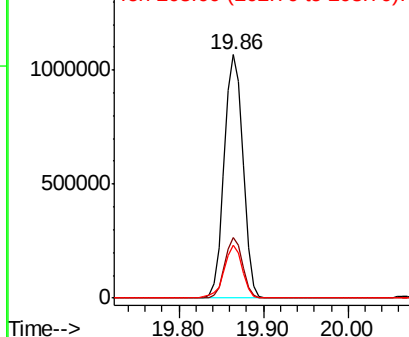
Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.1	22.2	33.2
203	21.7	18.9	28.3

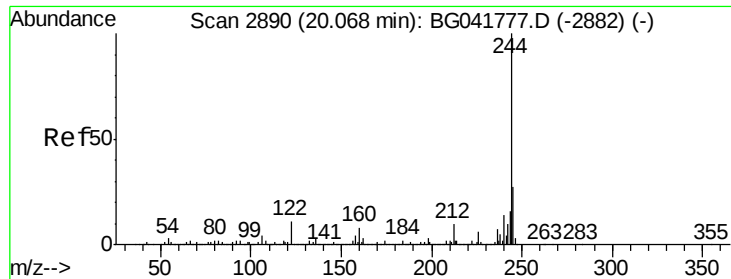
Abundance

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





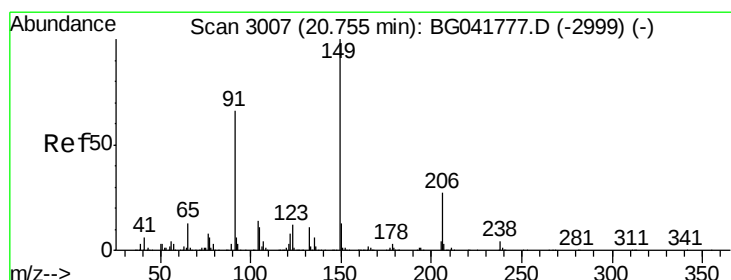
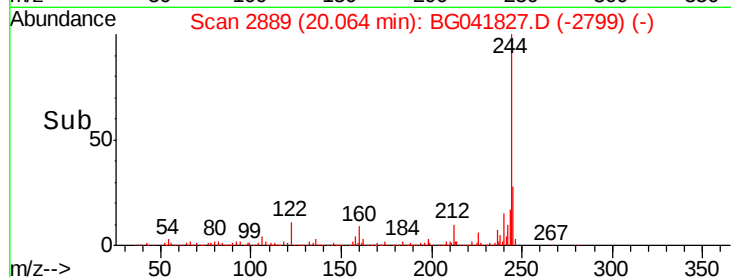
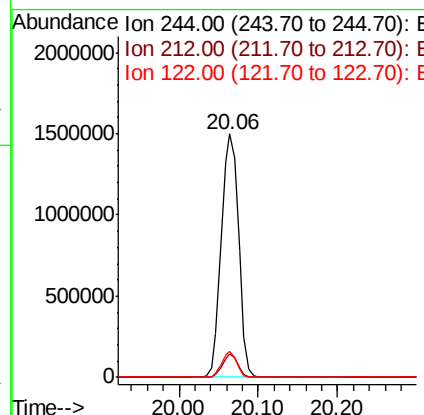
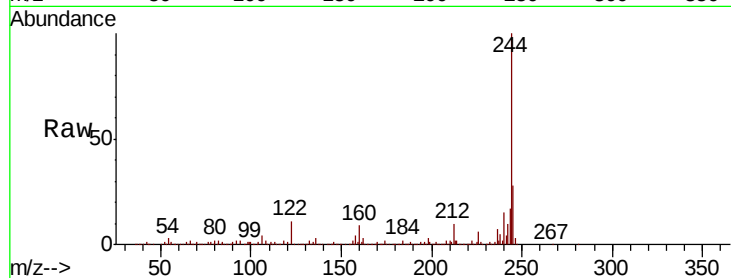
#79
 Terphenyl-d14
 Concen: 79.613 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Instrument :
 BNA_G
 ClientSampleId :
 PB121772BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.9	9.7	14.5
122	10.8	12.5	18.7#

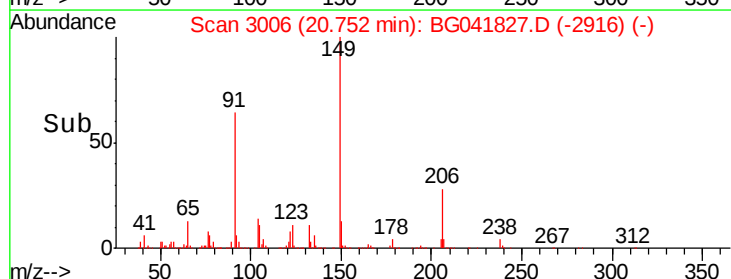
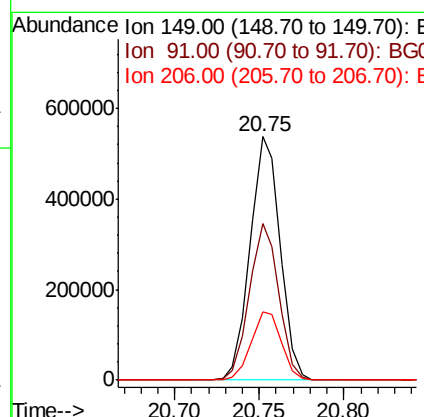
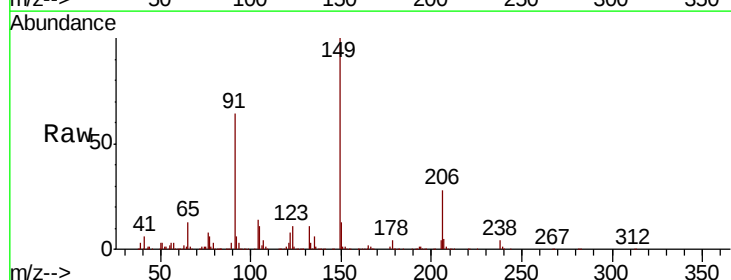
Manual Integrations
 APPROVED

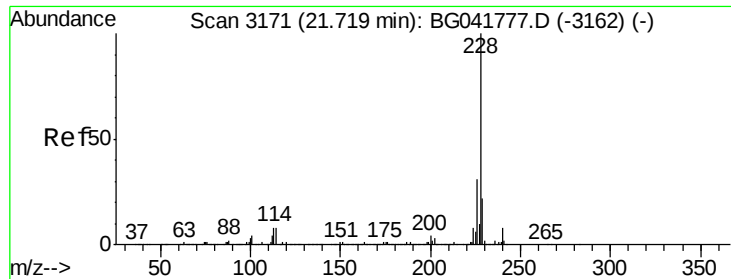
mohammad
 8/1/2019 5:05:24 PM



#80
 Butylbenzylphthalate
 Concen: 45.109 ng
 RT: 20.75 min Scan# 3006
 Delta R.T. -0.00 min
 Lab File: BG041827.D
 Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.4	58.9	88.3
206	28.1	20.8	31.2





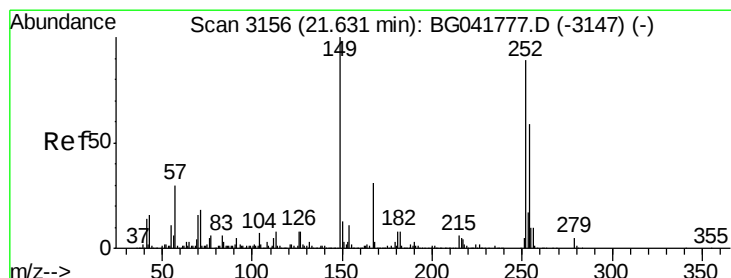
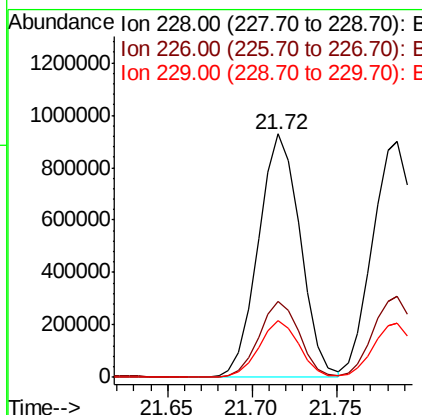
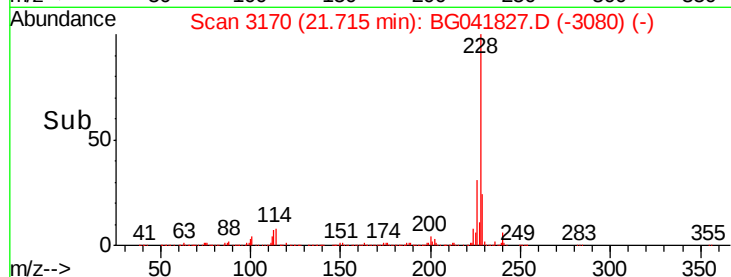
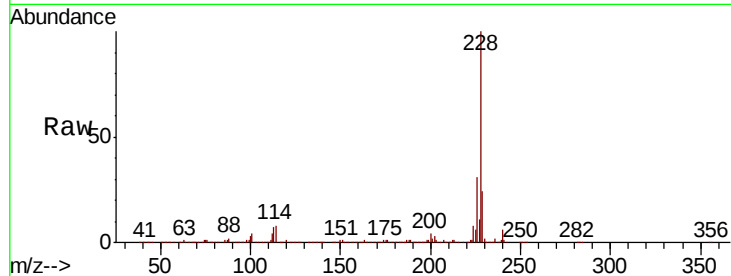
#81
Benzo(a)anthracene
Concen: 41.652 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion:228 Resp: 1603728
Ion Ratio Lower Upper
228 100
226 31.3 27.3 40.9
229 23.5 19.7 29.5

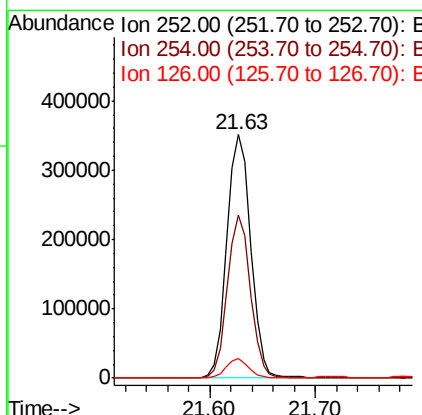
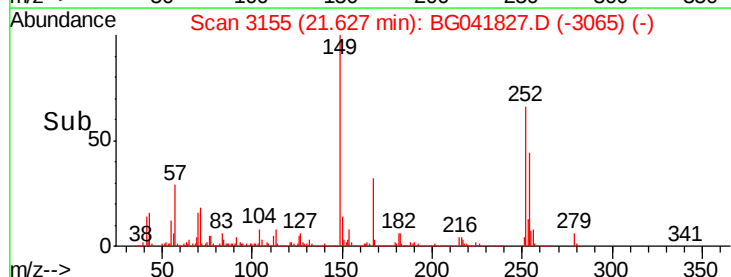
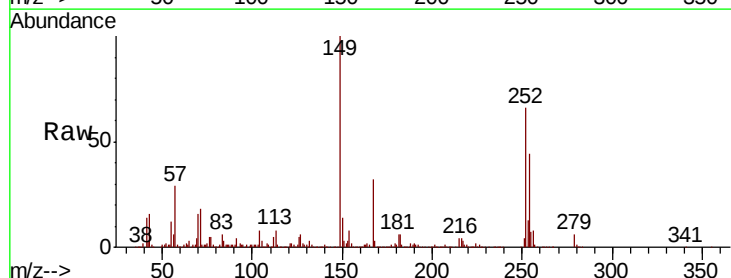
Manual Integrations
APPROVED

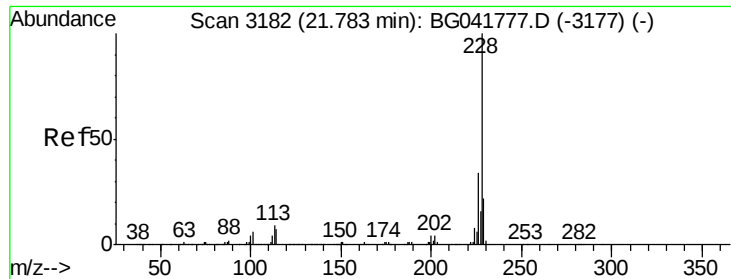
mohammad
8/1/2019 5:05:24 PM



#82
3,3'-Dichlorobenzidine
Concen: 35.617 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion:252 Resp: 550600
Ion Ratio Lower Upper
252 100
254 66.7 53.8 80.6
126 8.2 7.8 11.8





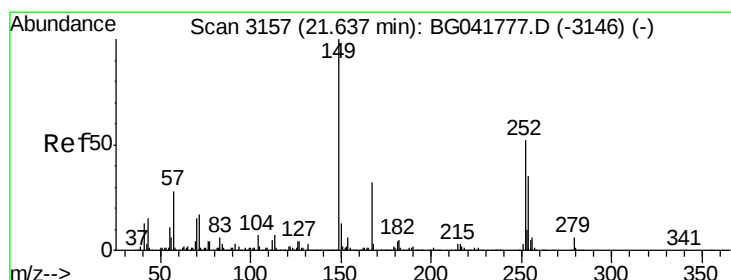
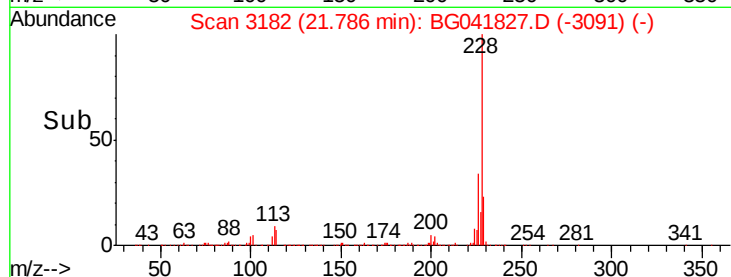
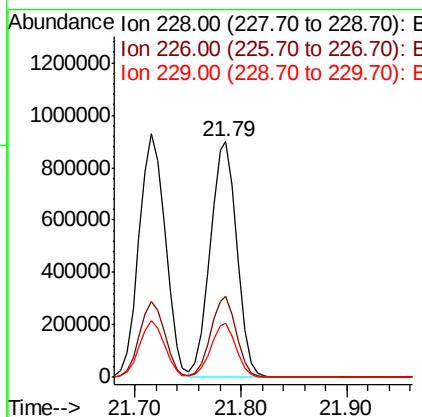
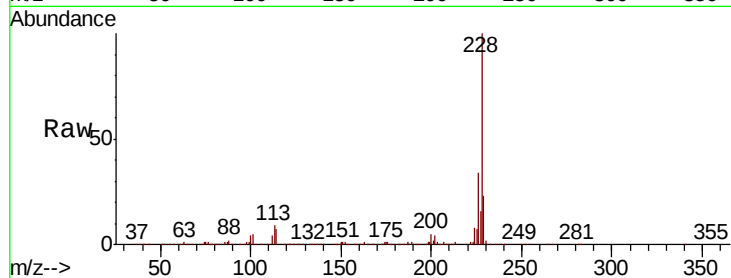
#83
Chrysene
Concen: 42.868 ng
RT: 21.79 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion:228 Resp: 1582168
Ion Ratio Lower Upper
228 100
226 34.2 30.1 45.1
229 22.9 19.8 29.6

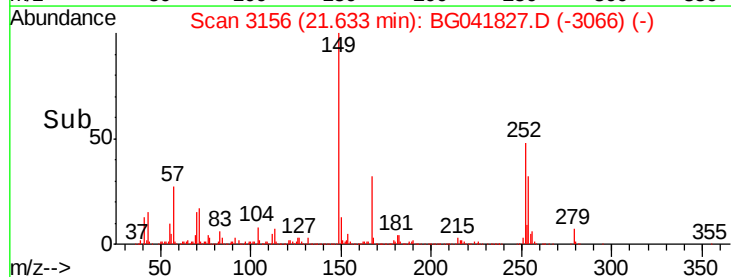
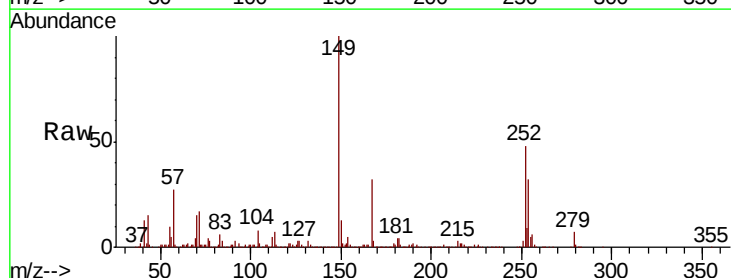
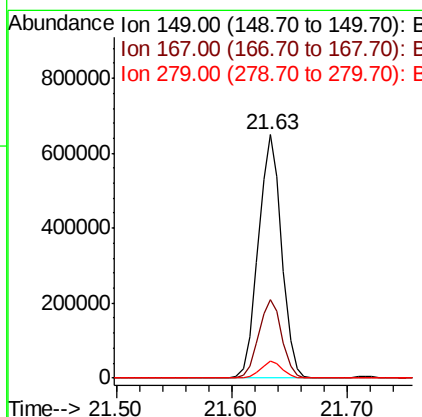
Manual Integrations
APPROVED

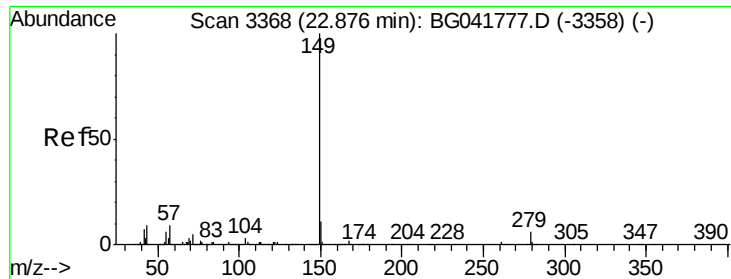
mohammad
8/1/2019 5:05:24 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.797 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion:149 Resp: 913504
Ion Ratio Lower Upper
149 100
167 32.1 27.0 40.4
279 6.9 5.0 7.6





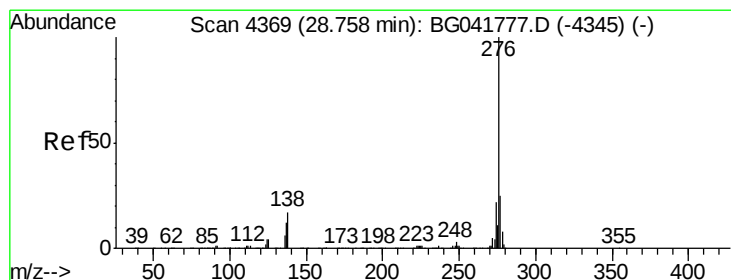
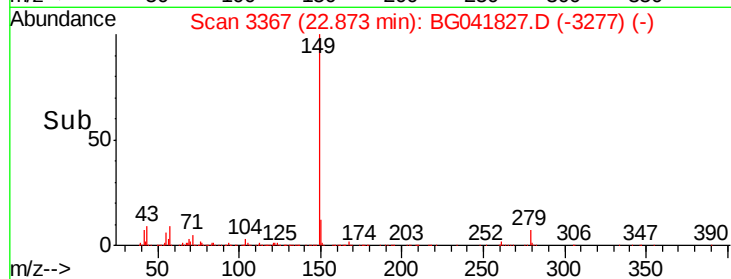
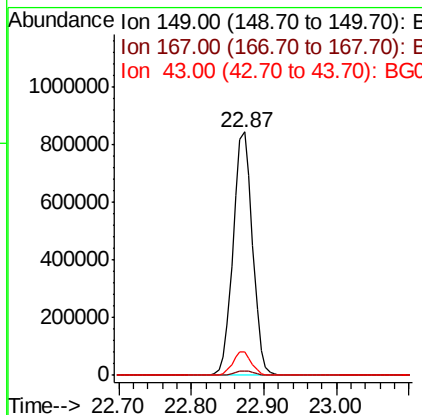
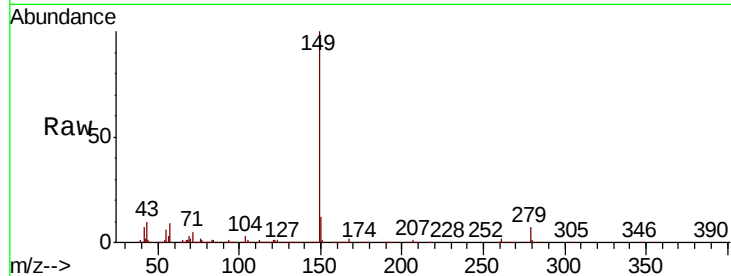
#85
Di-n-octyl phthalate
Concen: 45.732 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion:149 Resp: 1569446
Ion Ratio Lower Upper
149 100
167 1.9 1.6 2.4
43 9.3 10.6 16.0#

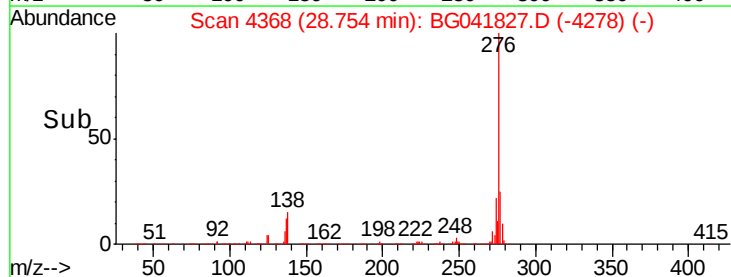
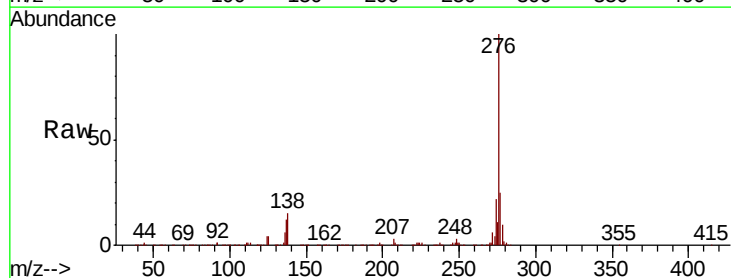
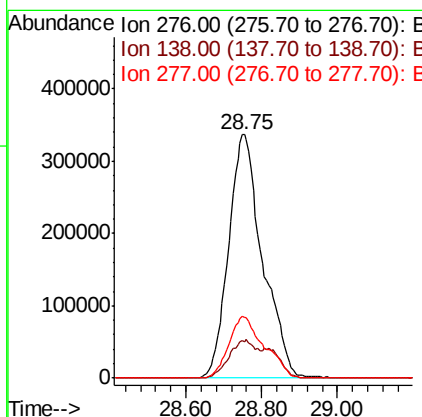
Manual Integrations
APPROVED

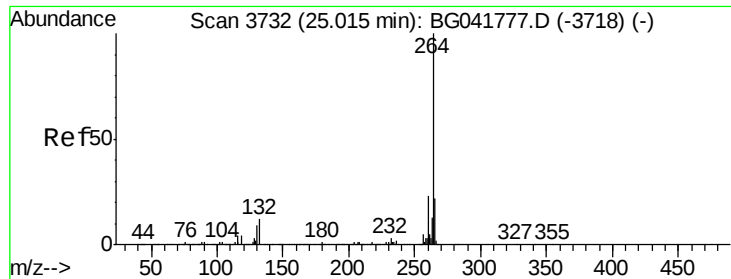
mohammad
8/1/2019 5:05:24 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.023 ng
RT: 28.75 min Scan# 4368
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion:276 Resp: 2102001
Ion Ratio Lower Upper
276 100
138 13.3 19.4 29.0#
277 26.4 21.2 31.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

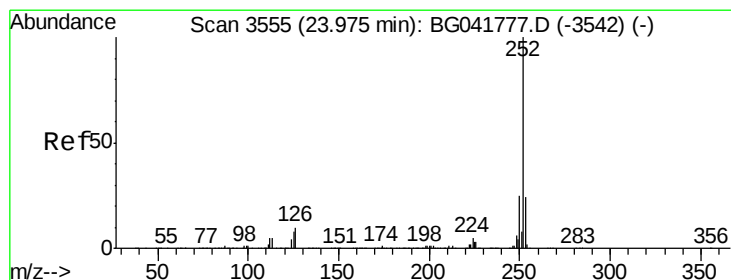
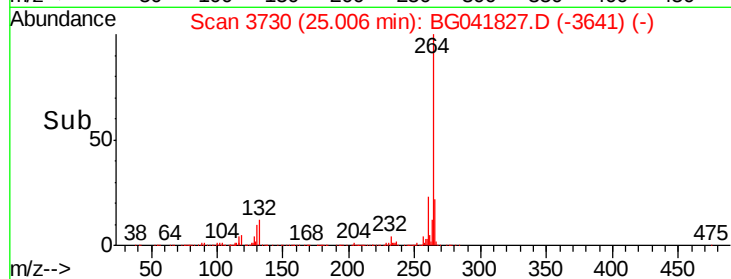
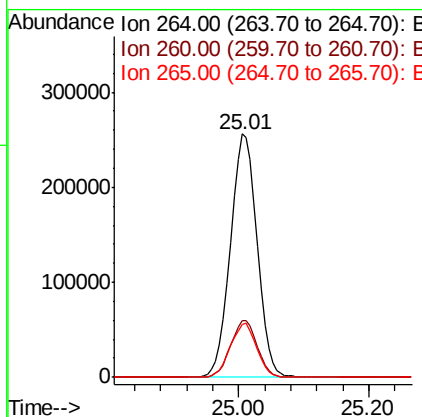
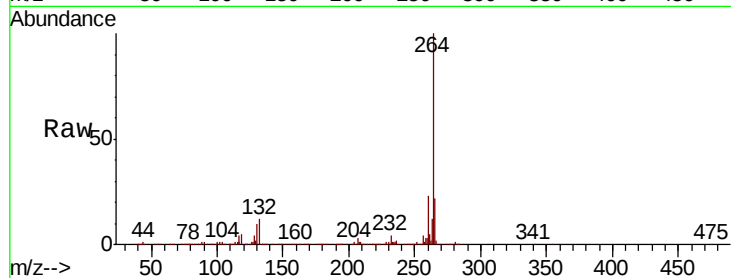
ClientSampleId :

PB121772BS

Tot Ion:	264	Resp:	727309
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.5	29.3
265	21.8	18.0	27.0

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



#88

Benzo(b)fluoranthene

Concen: 45.533 ng

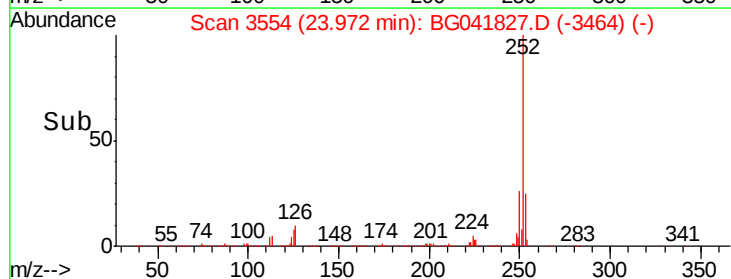
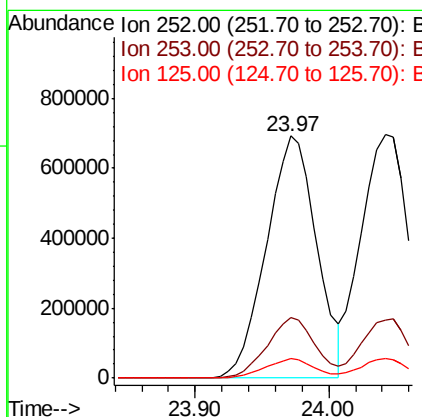
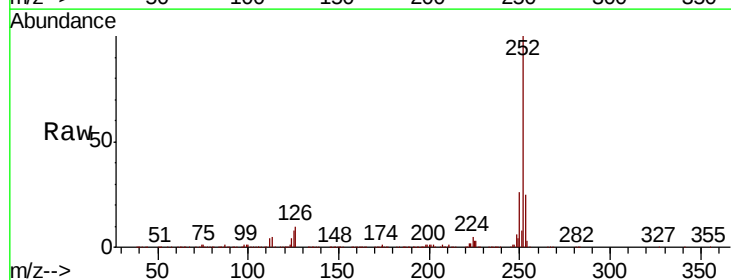
RT: 23.97 min Scan# 3554

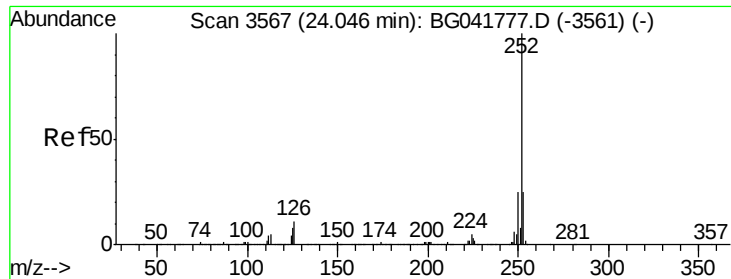
Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Tgt Ion:	252	Resp:	1811615
Ion Ratio	Lower	Upper	
252	100		
253	24.9	20.6	30.8
125	8.2	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 44.681 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

Instrument :

BNA_G

ClientSampleId :

PB121772BS

Tot Ion:252 Resp: 1731673

Ion Ratio Lower Upper

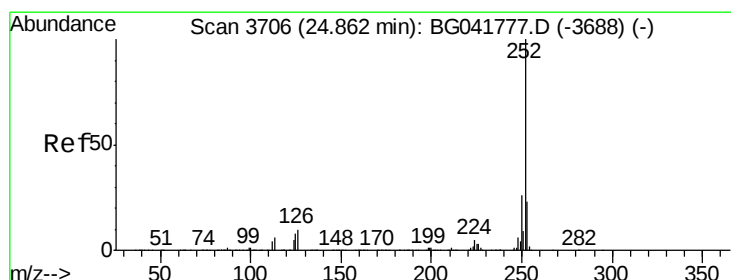
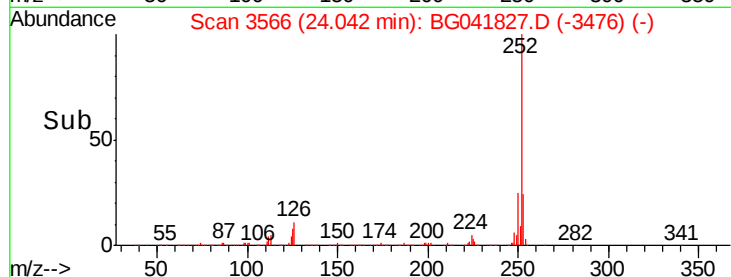
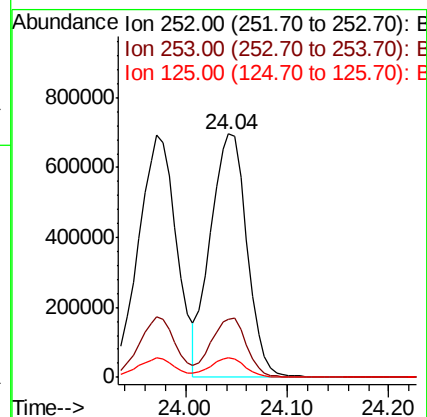
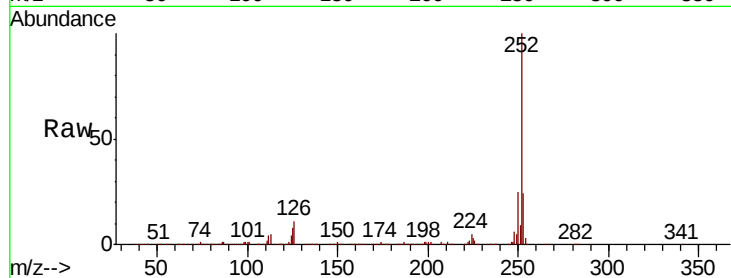
252 100

253 24.0 20.5 30.7

125 8.2 8.4 12.6#

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM



#90

Benzo(a)pyrene

Concen: 46.465 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG041827.D

Acq: 31 Jul 2019 9:33

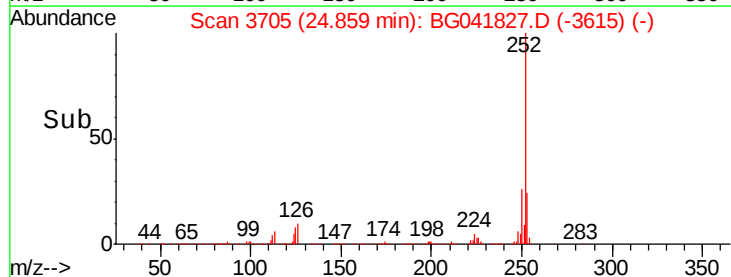
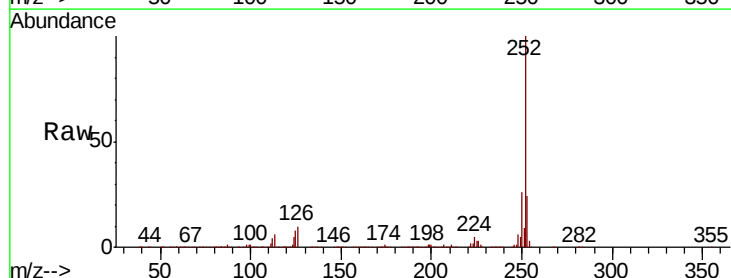
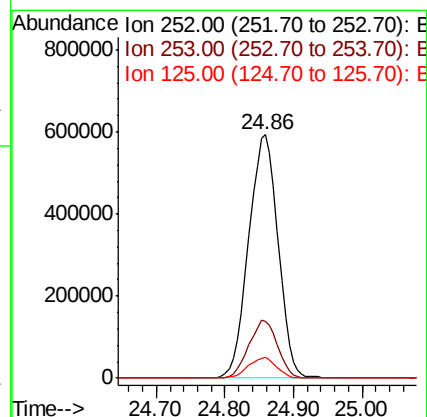
Tgt Ion:252 Resp: 1773036

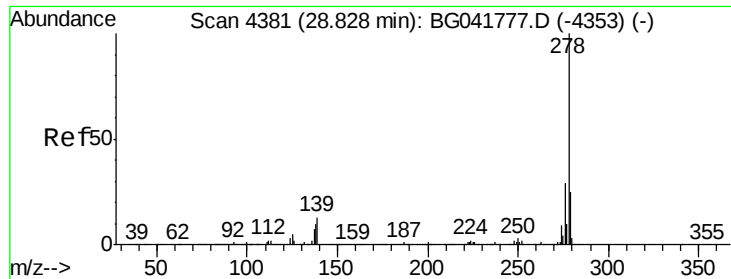
Ion Ratio Lower Upper

252 100

253 23.6 19.8 29.8

125 8.3 8.8 13.2#





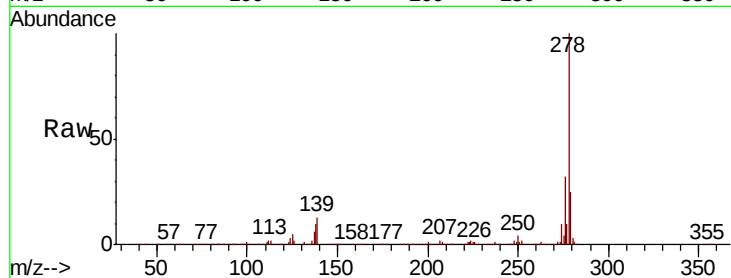
#91
Dibenzo(a,h)anthracene
Concen: 45.854 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Instrument :
BNA_G
ClientSampleId :
PB121772BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.6	12.6	19.0
279	24.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:24 PM

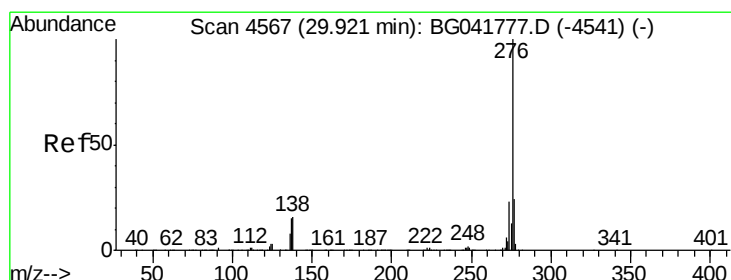
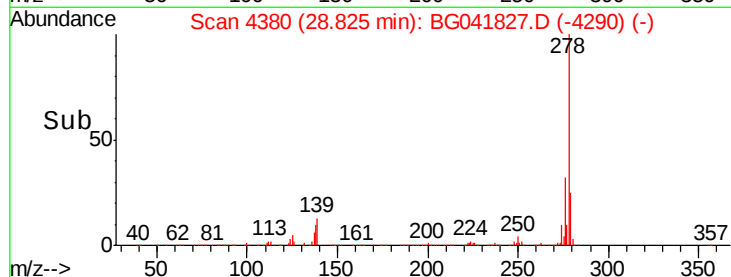
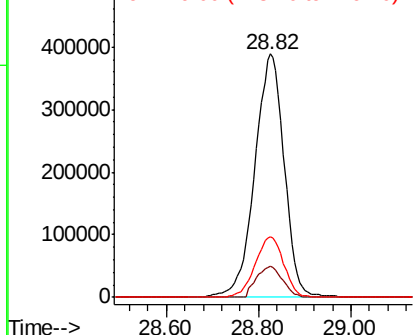


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.665 ng
RT: 29.92 min Scan# 4567
Delta R.T. 0.00 min
Lab File: BG041827.D
Acq: 31 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.8
138	15.7	16.6	25.0#

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

