

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041734.D
 Acq On : 19 Jul 2019 14:24
 Operator : HP/JU
 Sample : K3897-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Manual Integrations
 APPROVED

mohammad
 7/22/2019 10:00:51 AM

Quant Time: Jul 22 08:34:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	117832	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	471563	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	293873	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	709284	20.00	ng	0.00
76) Chrysene-d12	21.65	240	706681	20.00	ng	-0.01
87) Perylene-d12	24.84	264	814501	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	684427	94.95	ng	0.00
7) Phenol-d6	7.20	99	932811	96.22	ng	0.00
23) Nitrobenzene-d5	9.20	82	546298	70.45	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	375156	113.28	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1227983	64.71	ng	0.00
79) Terphenyl-d14	20.00	244	1919588	63.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	84818	24.776	ng	100
3) Pyridine	3.89	79	176109	19.272	ng	99
4) n-Nitrosodimethylamine	3.80	42	112717	26.710	ng	98
6) Aniline	7.36	93	311679	23.920	ng	95
8) 2-Chlorophenol	7.61	128	257880	31.603	ng	96
9) Benzaldehyde	7.18	77	132046	19.281	ng	96
10) Phenol	7.23	94	320757	31.402	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	236737	28.697	ng	98
12) 1,3-Dichlorobenzene	7.93	146	284372	29.206	ng	99
13) 1,4-Dichlorobenzene	8.08	146	292286	29.976	ng	94
14) 1,2-Dichlorobenzene	8.40	146	271864	29.572	ng	96
15) Benzyl Alcohol	8.28	79	222412	28.816	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	450720	26.367	ng	99
17) 2-Methylphenol	8.48	107	218058	30.869	ng	98
18) Hexachloroethane	9.13	117	101891	28.529	ng	100
19) n-Nitroso-di-n-propylamine	8.85	70	197103	27.815	ng	97
20) 3+4-Methylphenols	8.80	107	300319	31.024	ng	99
22) Acetophenone	8.86	105	371915	32.382	ng	# 94
24) Nitrobenzene	9.24	77	273939	32.386	ng	99
25) Isophorone	9.77	82	522182	30.754	ng	99
26) 2-Nitrophenol	9.96	139	141750	37.641	ng	97
27) 2,4-Dimethylphenol	10.01	122	249046	37.071	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	323417	30.905	ng	99
29) 2,4-Dichlorophenol	10.49	162	271851	35.492	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	286619	31.870	ng	99
31) Naphthalene	10.90	128	749475	32.283	ng	99
32) Benzoic acid	10.11	122	4260m	6.742	ng	
33) 4-Chloroaniline	11.00	127	277472	25.911	ng	98
34) Hexachlorobutadiene	11.20	225	184342	31.891	ng	98
35) Caprolactam	11.75	113	93564m	33.234	ng	
36) 4-Chloro-3-methylphenol	12.11	107	276683	34.481	ng	99
37) 2-Methylnaphthalene	12.50	142	578893	32.637	ng	99
38) 1-Methylnaphthalene	12.72	142	542833	32.102	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	333951	33.175	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041734.D
 Acq On : 19 Jul 2019 14:24
 Operator : HP/JU
 Sample : K3897-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

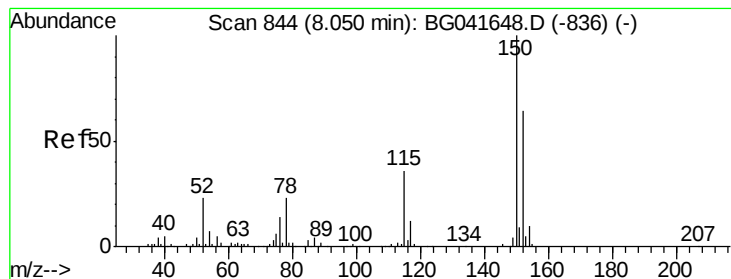
Manual Integrations
 APPROVED

mohammad
 7/22/2019 10:00:51 AM

Quant Time: Jul 22 08:34:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	426732	74.941	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	235139	35.950	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	254931	36.993	nq	97
46) 1,1'-Biphenyl	13.50	154	719337	32.673	nq	97
47) 2-Chloronaphthalene	13.55	162	582589	31.750	nq	98
48) 2-Nitroaniline	13.73	65	181523	33.978	nq	96
49) Acenaphthylene	14.39	152	925928	32.325	nq	98
50) Dimethylphthalate	14.12	163	979521	42.439	nq	100
51) 2,6-Dinitrotoluene	14.23	165	172723	35.281	nq	93
52) Acenaphthene	14.73	154	561548	31.108	nq	97
53) 3-Nitroaniline	14.55	138	159258	29.800	nq	94
54) 2,4-Dinitrophenol	14.76	184	47121	24.934	nq	93
55) Dibenzofuran	15.06	168	900462	33.242	nq	95
56) 4-Nitrophenol	14.86	139	319939	73.944	nq	96
57) 2,4-Dinitrotoluene	15.01	165	241299	37.287	nq	98
58) Fluorene	15.71	166	724352	32.864	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	241919	38.026	nq	# 97
60) Diethylphthalate	15.47	149	742814	31.947	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	406239	32.606	nq	97
62) 4-Nitroaniline	15.71	138	197284	34.807	nq	96
63) Azobenzene	15.99	77	648720	30.860	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	99692	32.165	nq	93
66) n-Nitrosodiphenylamine	15.91	169	683912	32.834	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	272751	32.318	nq	99
68) Hexachlorobenzene	16.71	284	272637	32.080	nq	97
69) Atrazine	16.85	200	271868	35.967	nq	99
70) Pentachlorophenol	17.05	266	345181	64.959	nq	98
71) Phenanthrene	17.44	178	1171419	32.795	nq	96
72) Anthracene	17.54	178	1216248	34.159	nq	96
73) Carbazole	17.79	167	1119585	33.905	nq	96
74) Di-n-butylphthalate	18.36	149	1295008	32.154	nq	97
75) Fluoranthene	19.44	202	1470166	33.519	nq	94
77) Benzidine	19.62	184	549871	19.076	nq	97
78) Pyrene	19.80	202	1472671	30.812	nq	94
80) Butylbenzylphthalate	20.69	149	622829	31.360	nq	93
81) Benzo(a)anthracene	21.63	228	1434116	31.409	nq	96
82) 3,3'-Dichlorobenzidine	21.54	252	506007	28.163	nq	97
83) Chrysene	21.70	228	1390604	31.873	nq	95
84) Bis(2-ethylhexyl)phthalate	21.55	149	864929	30.844	nq	97
85) Di-n-octyl phthalate	22.76	149	1512482	31.672	nq	95
86) Indeno(1,2,3-cd)pyrene	28.49	276	1805587	31.365	nq	98
88) Benzo(b)fluoranthene	23.83	252	1554191	31.458	nq	97
89) Benzo(k)fluoranthene	23.90	252	1536154	33.555	nq	97
90) Benzo(a)pyrene	24.69	252	1542790	33.005	nq	97
91) Dibenzo(a,h)anthracene	28.56	278	1475700	32.560	nq	97
92) Benzo(g,h,i)perylene	29.62	276	1482249	32.635	nq	98

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



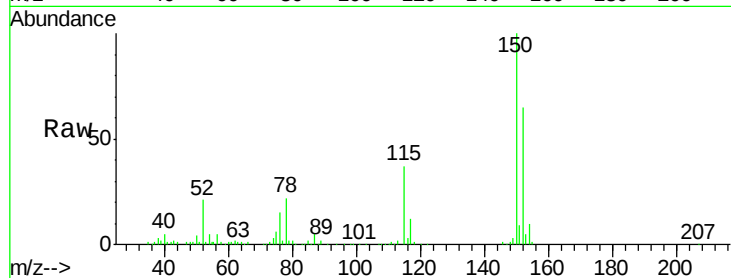
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

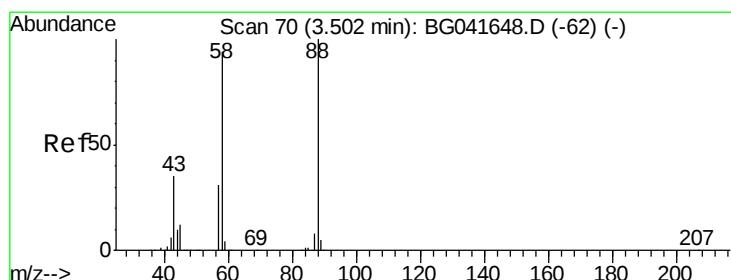
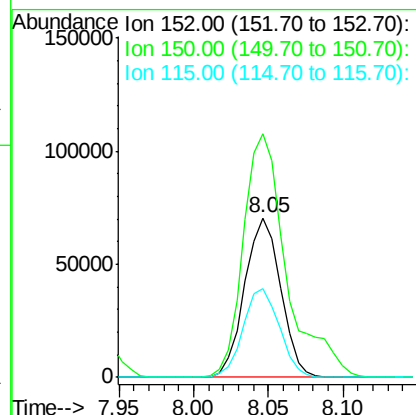
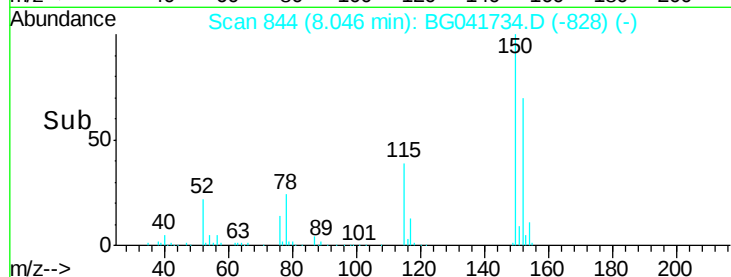
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.9	190.3
115	56.1	45.0	67.6

Manual Integrations
 APPROVED

mohammad
 7/22/2019 10:00:51 AM

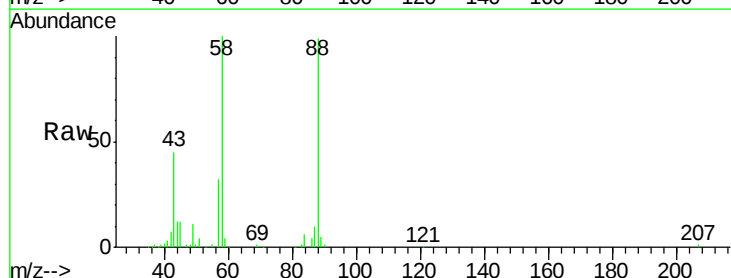


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

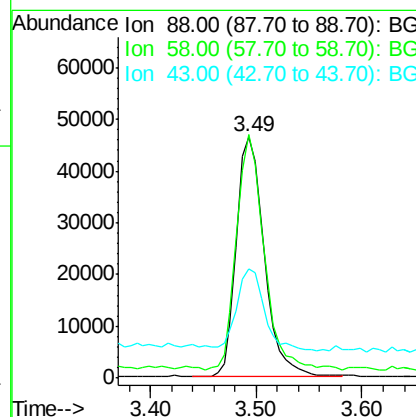
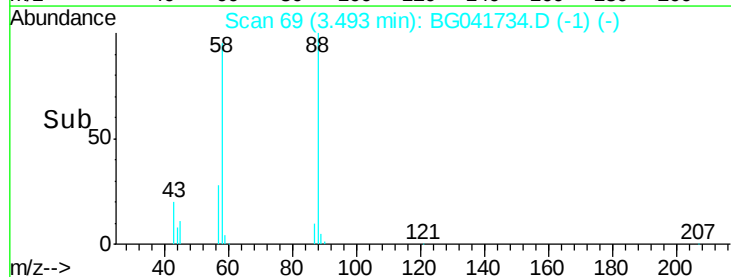


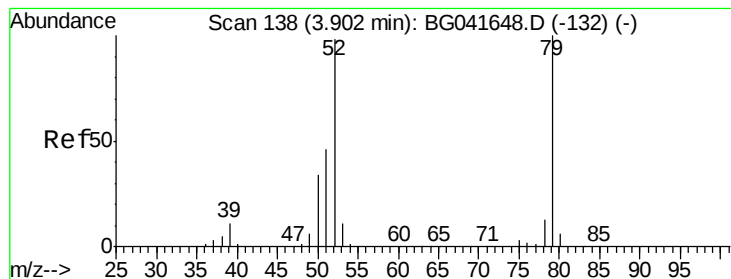
#2
 1,4-Dioxane
 Concen: 24.776 ng
 RT: 3.49 min Scan# 69
 Delta R.T. -0.00 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	76.2	114.2
43	33.7	27.2	40.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 19.272 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

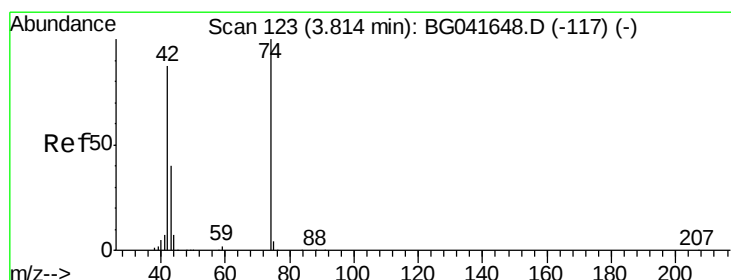
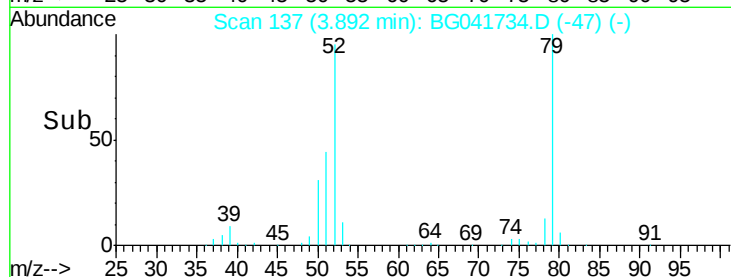
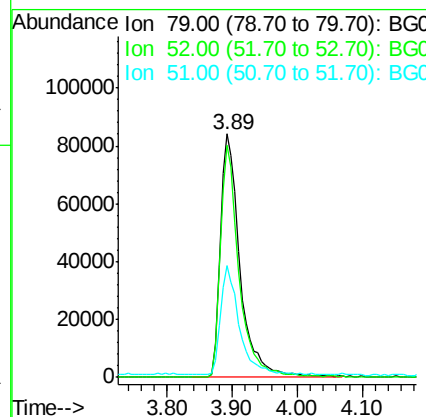
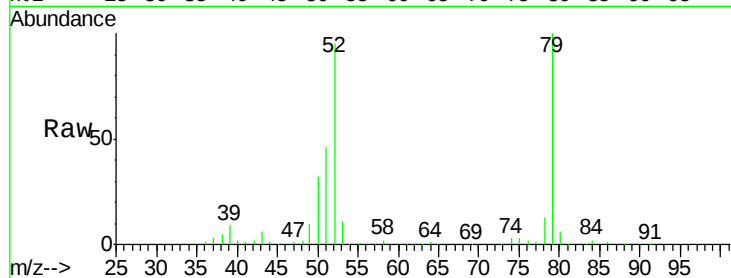
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	79	Resp:	176109
Ion	Ratio	Lower	Upper
79	100		
52	95.2	77.1	115.7
51	46.0	37.8	56.8

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



#4

n-Nitrosodimethylamine

Concen: 26.710 ng

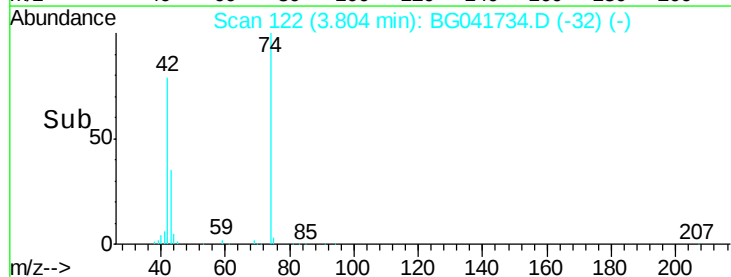
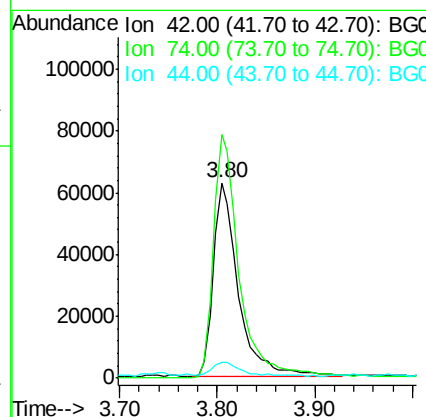
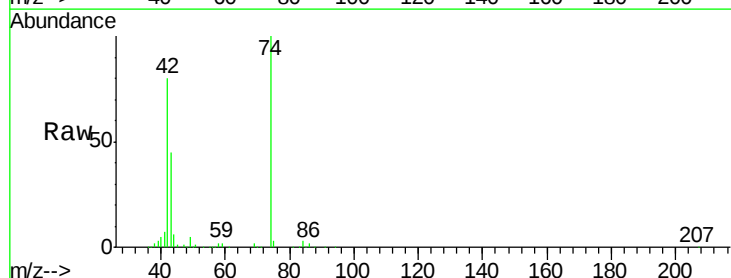
RT: 3.80 min Scan# 122

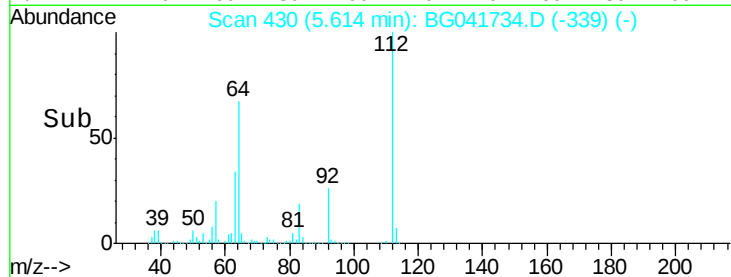
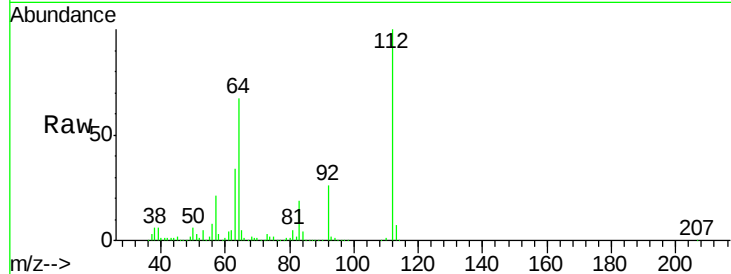
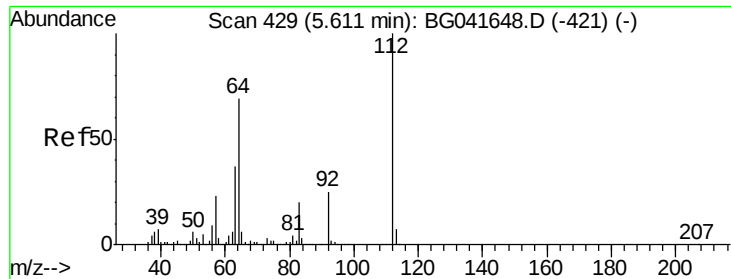
Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tgt Ion:	42	Resp:	112717
Ion	Ratio	Lower	Upper
42	100		
74	124.6	97.4	146.2
44	7.9	6.6	9.8





#5

2-Fluorophenol

Concen: 94.954 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tot Ion:	112	Resp:	684427
Ion Ratio	Lower	Upper	
112	100		
64	66.6	55.4	83.2
63	34.1	29.1	43.7

Instrument :

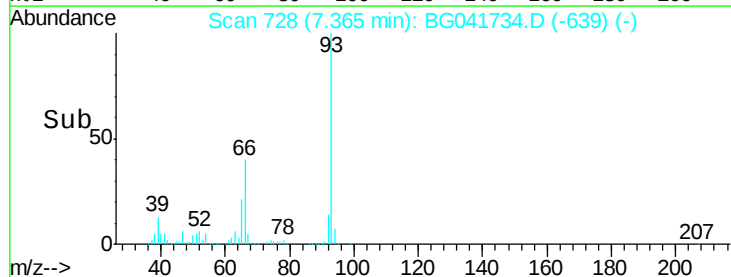
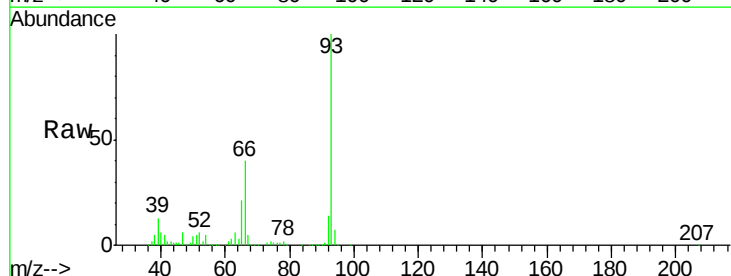
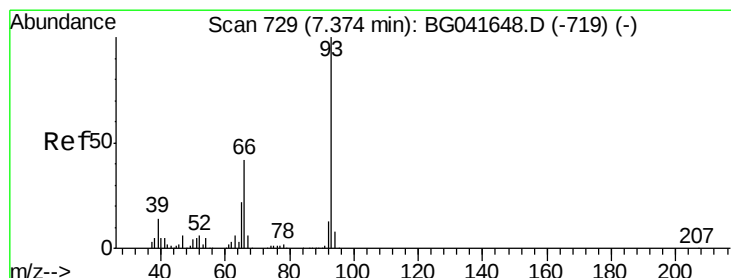
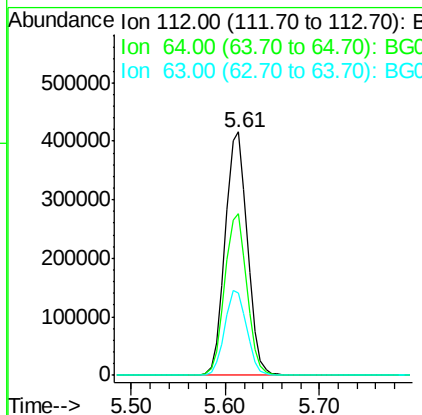
BNA_G

ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



#6

Aniline

Concen: 23.920 ng

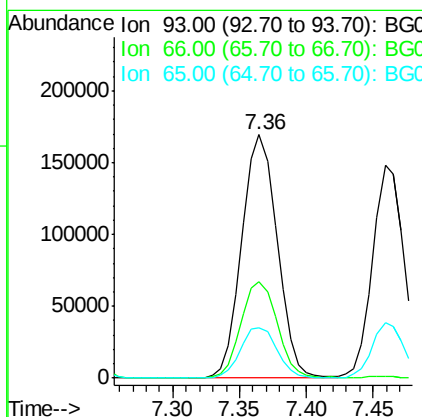
RT: 7.36 min Scan# 728

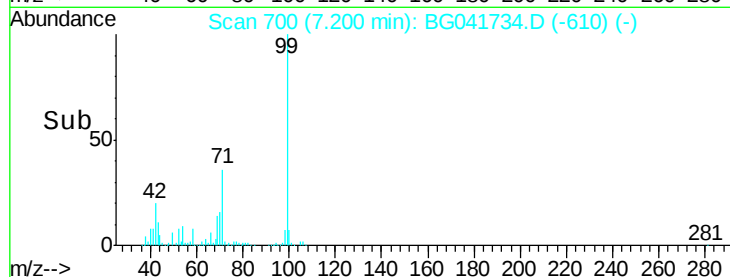
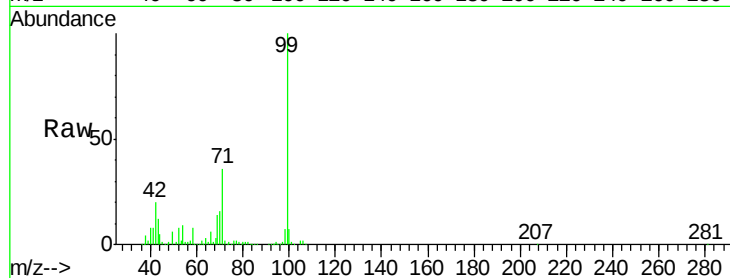
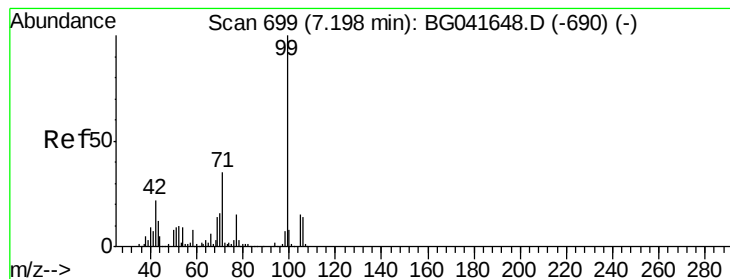
Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tgt Ion:	93	Resp:	311679
Ion Ratio	Lower	Upper	
93	100		
66	39.6	34.2	51.2
65	20.7	18.2	27.2





#7

Phenol-d6

Concen: 96.216 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		932811		
42	20.1	17.6	26.4		
71	35.9	27.8	41.6		

Instrument :

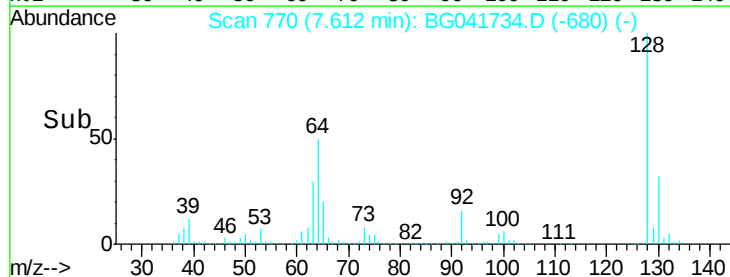
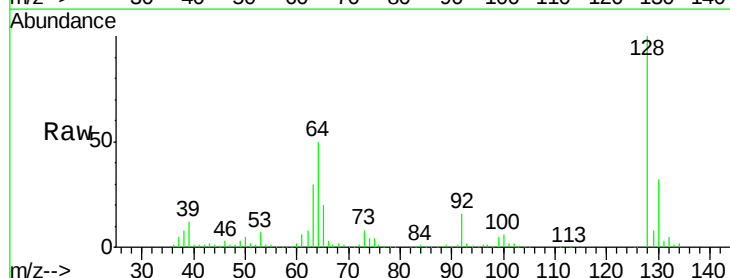
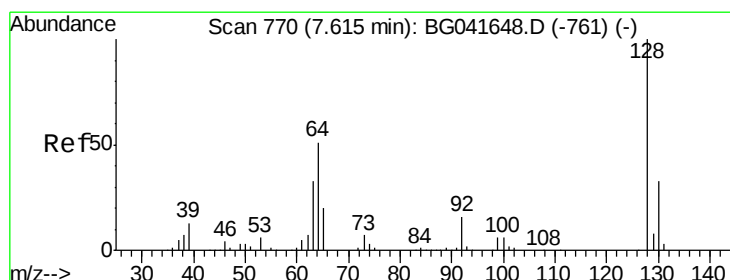
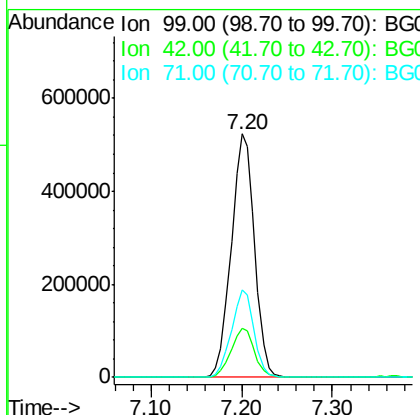
BNA_G

ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



#8

2-Chlorophenol

Concen: 31.603 ng

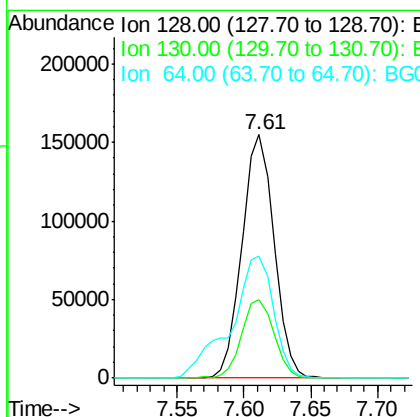
RT: 7.61 min Scan# 770

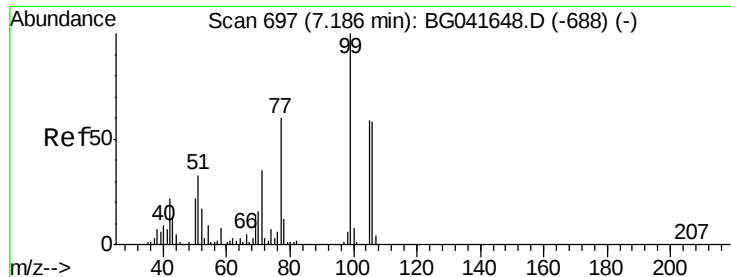
Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		257880		
130	32.2	12.4	52.4		
64	50.2	34.9	74.9		





#9

Benzaldehyde

Concen: 19.281 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

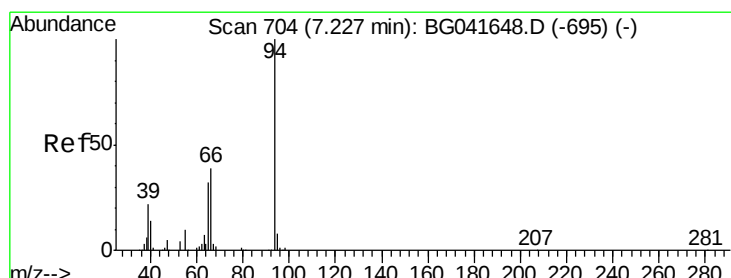
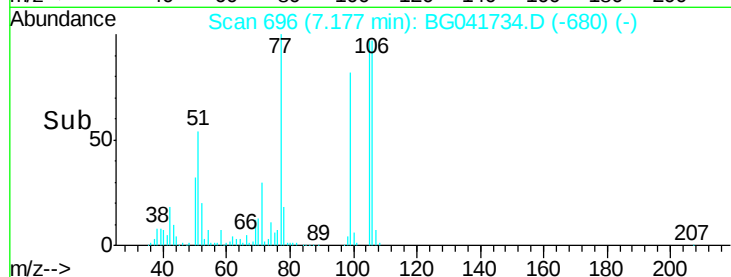
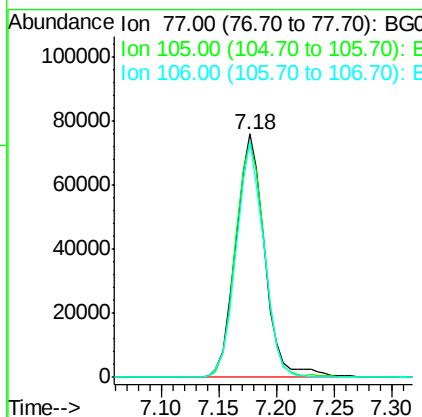
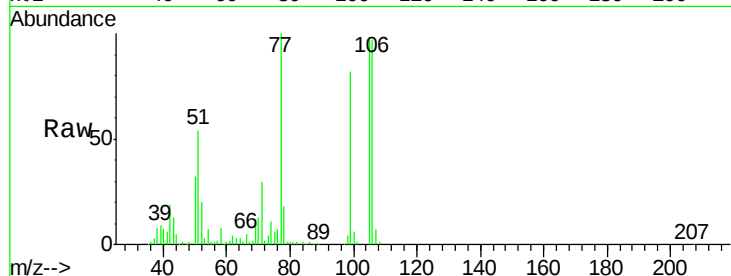
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	77	Resp:	132046
Ion	Ratio	Lower	Upper
77	100		
105	96.8	74.6	114.6
106	96.7	71.1	111.1

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



#10

Phenol

Concen: 31.402 ng

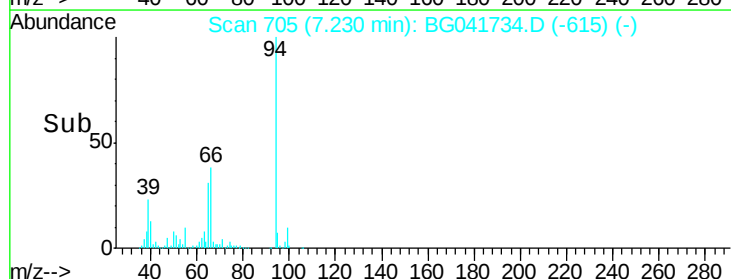
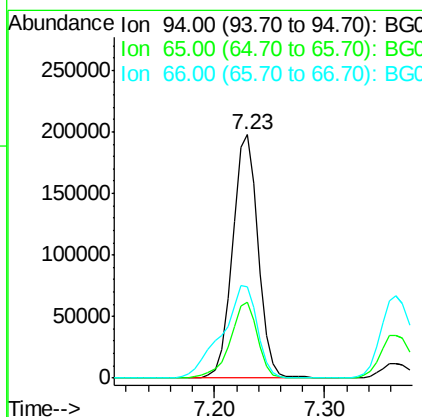
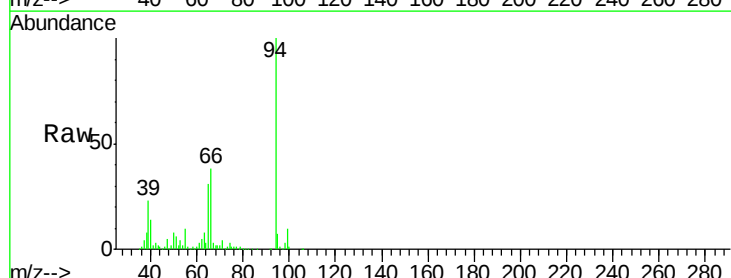
RT: 7.23 min Scan# 705

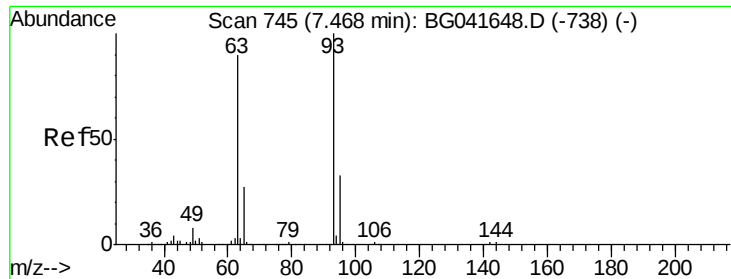
Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tgt Ion:	94	Resp:	320757
Ion	Ratio	Lower	Upper
94	100		
65	31.3	10.6	50.6
66	37.6	18.2	58.2





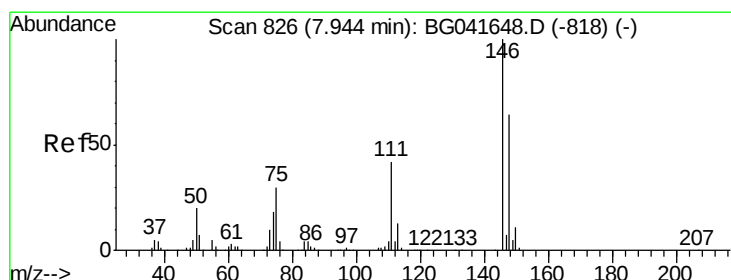
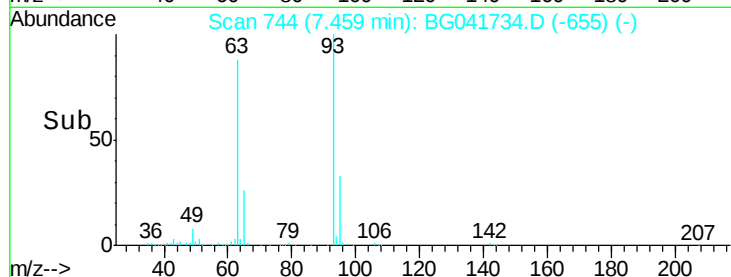
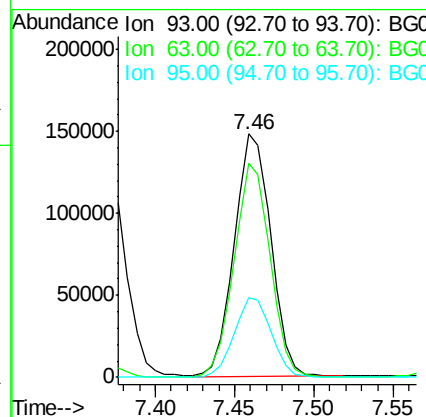
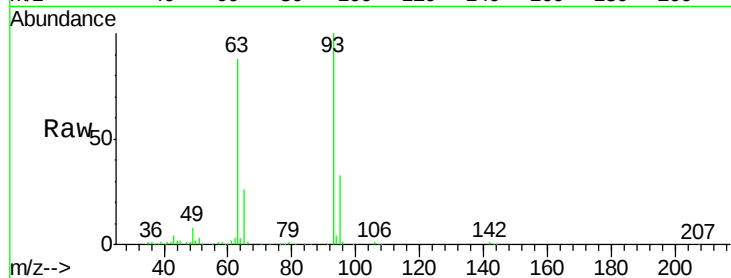
#11
bis(2-Chloroethyl)ether
Concen: 28.697 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	236737		
63	88.0		70.4	110.4
95	32.7		12.8	52.8

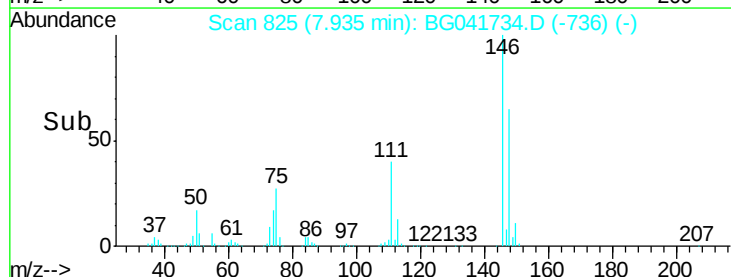
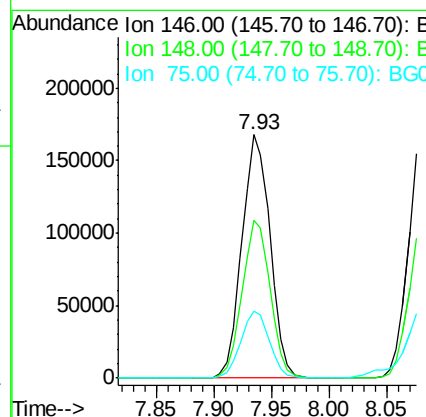
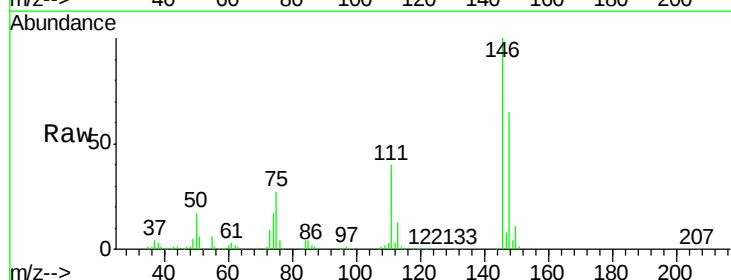
Manual Integrations
APPROVED

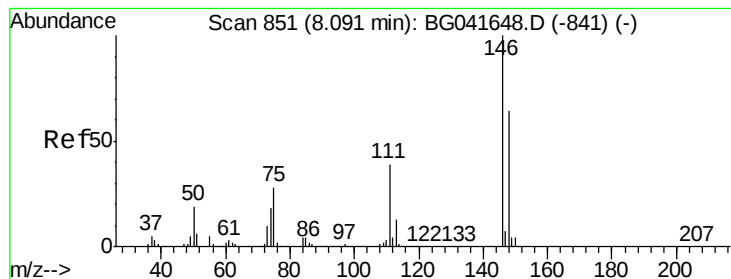
mohammad
7/22/2019 10:00:51 AM



#12
1,3-Dichlorobenzene
Concen: 29.206 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	284372		
148	64.8		51.5	77.3
75	27.4		23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 29.976 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

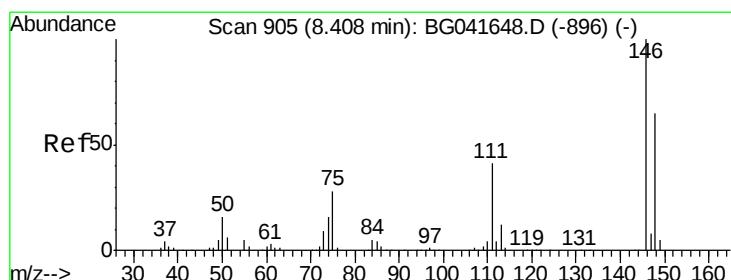
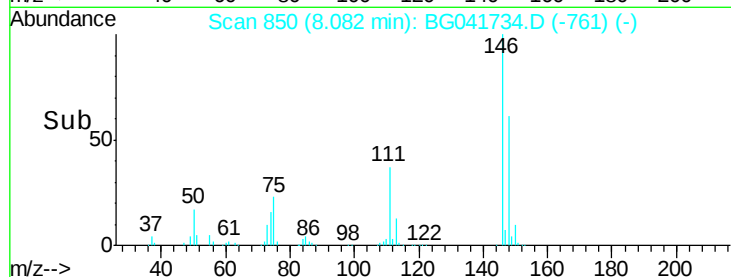
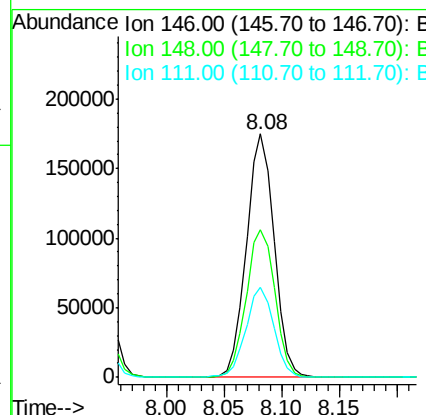
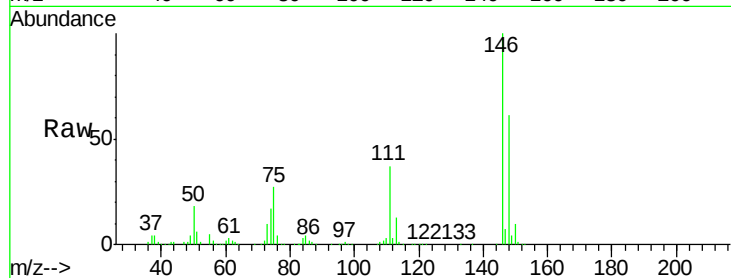
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	146	Resp:	292286
Ion Ratio	Lower	Upper	
146	100		
148	60.9	52.6	79.0
111	36.7	32.5	48.7

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



#14

1,2-Dichlorobenzene

Concen: 29.572 ng

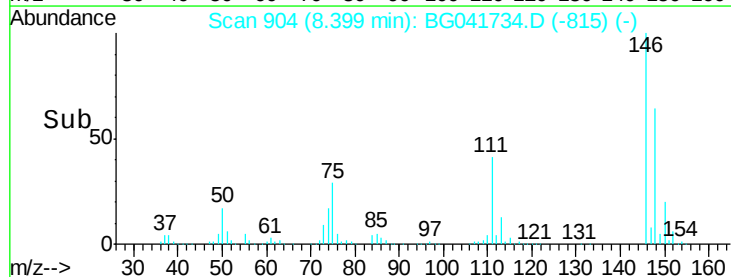
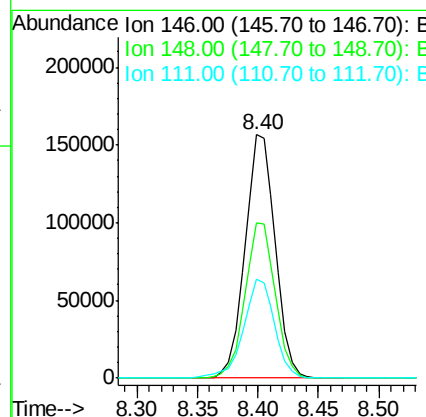
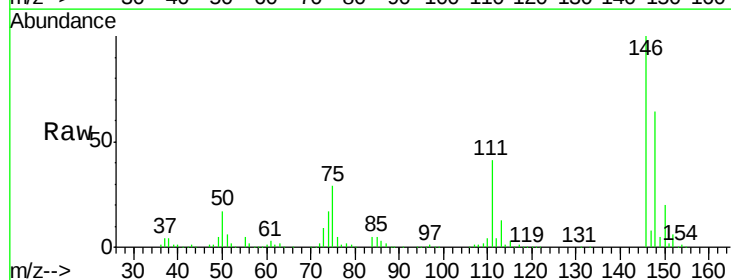
RT: 8.40 min Scan# 904

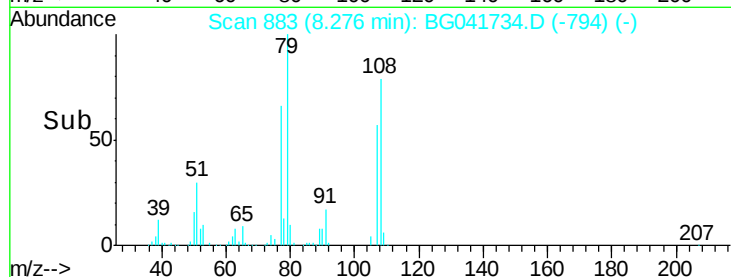
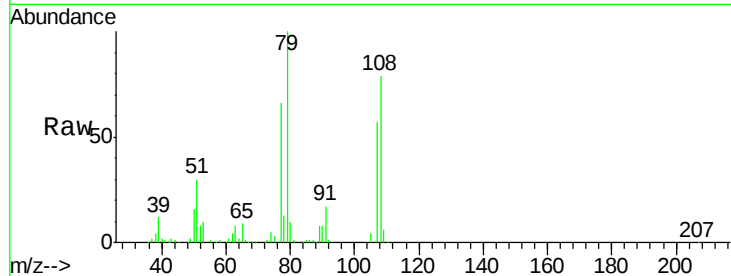
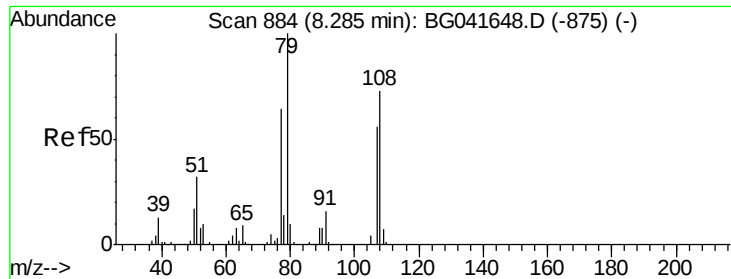
Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tgt Ion:	146	Resp:	271864
Ion Ratio	Lower	Upper	
146	100		
148	64.0	53.5	80.3
111	40.6	35.4	53.0





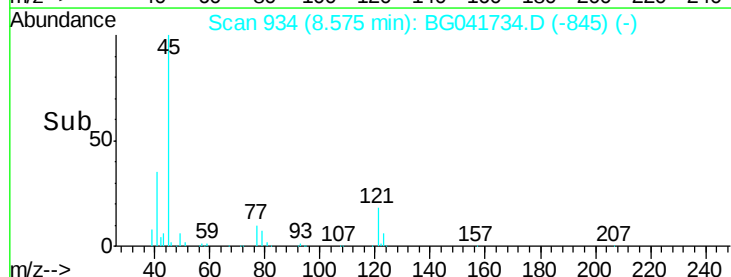
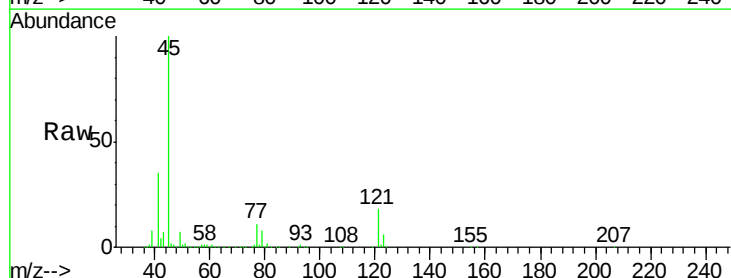
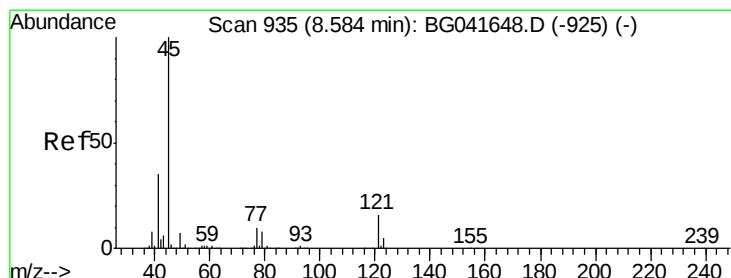
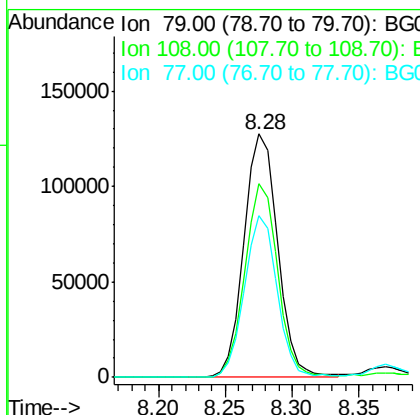
#15
Benzyl Alcohol
Concen: 28.816 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tot Ion	Ratio	Resp	Lower	Upper
79	100	222412		
108	79.3	60.5	90.7	
77	66.3	50.6	75.8	

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

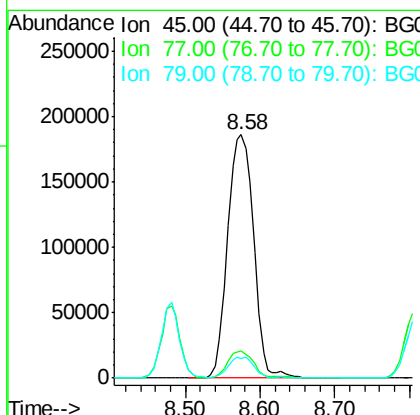
Manual Integrations
APPROVED

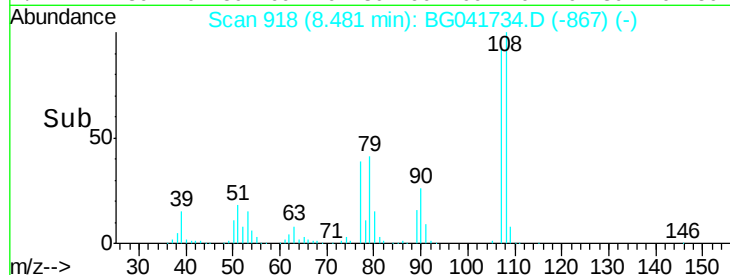
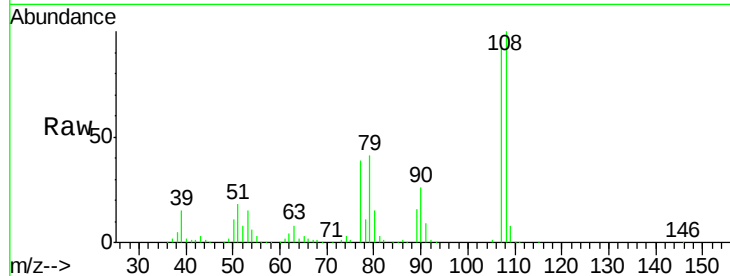
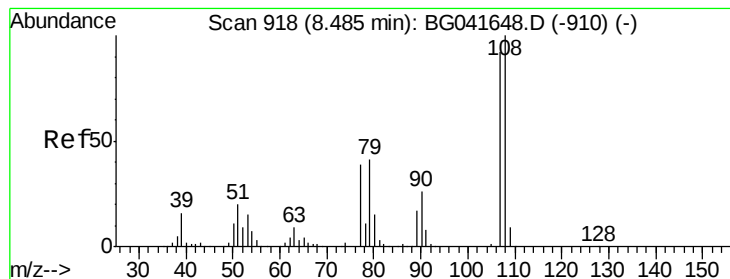
mohammad
7/22/2019 10:00:51 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.367 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	450720		
77	11.1	0.0	30.4	
79	8.0	0.0	27.9	





#17

2-Methylphenol

Concen: 30.869 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tot Ion	107	Resp	218058
Ion Ratio	Lower	Upper	
107	100		
108	109.1	87.6	131.4
77	42.1	36.1	54.1
79	44.2	36.4	54.6

Instrument :

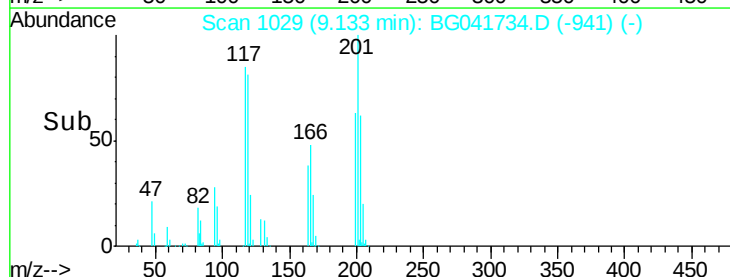
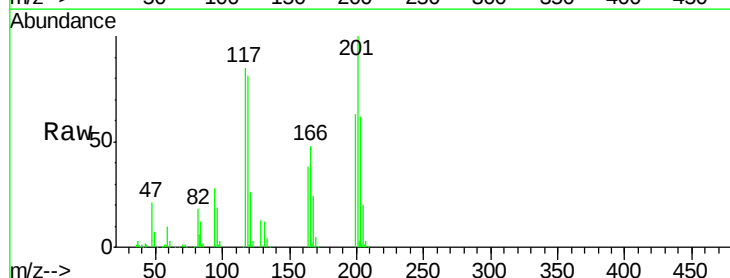
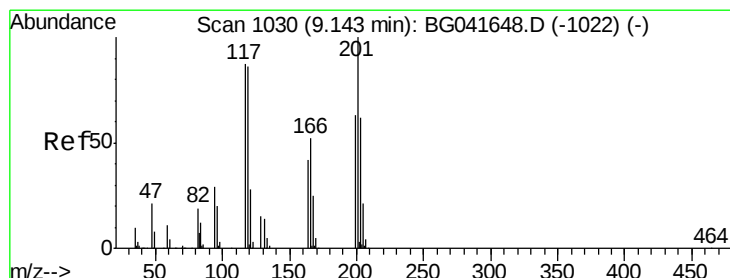
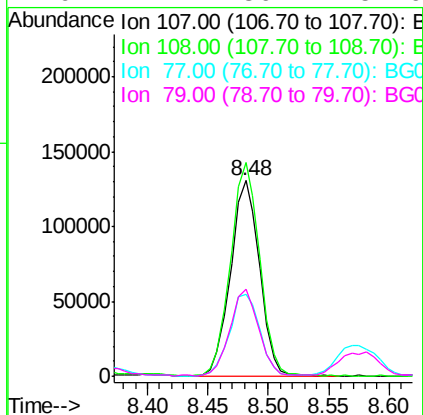
BNA_G

ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



#18

Hexachloroethane

Concen: 28.529 ng

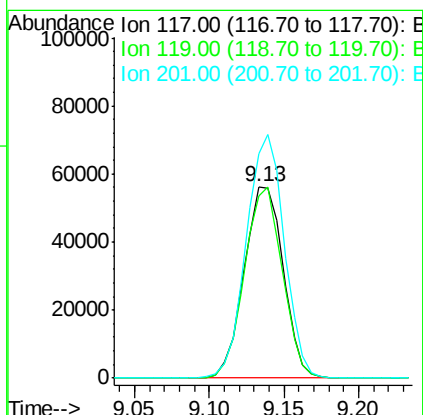
RT: 9.13 min Scan# 1029

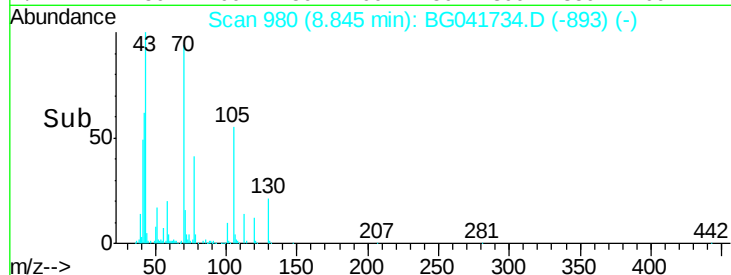
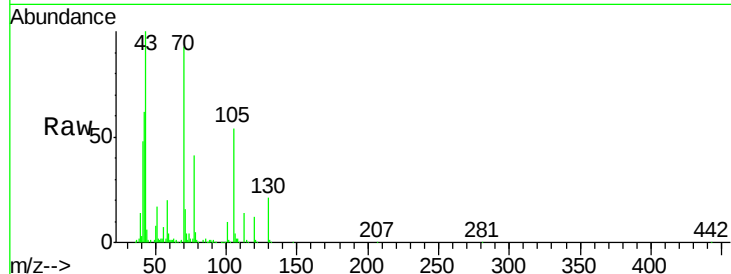
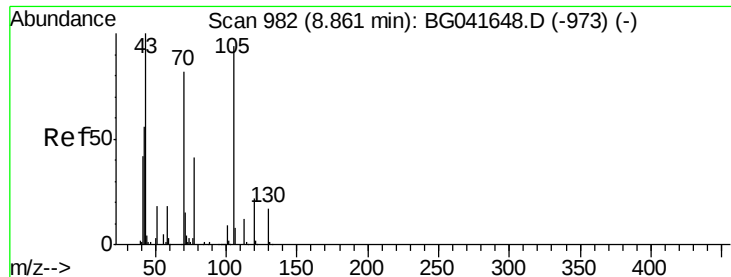
Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tgt Ion	117	Resp	101891
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.2	114.2
201	117.5	94.1	141.1





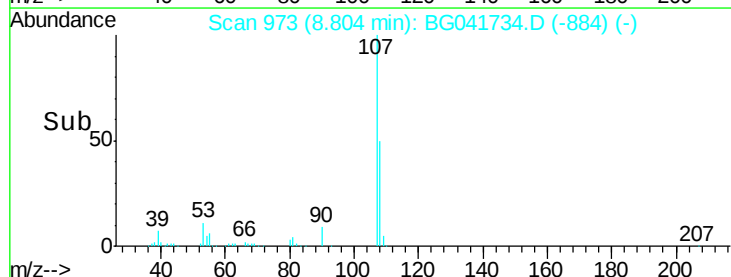
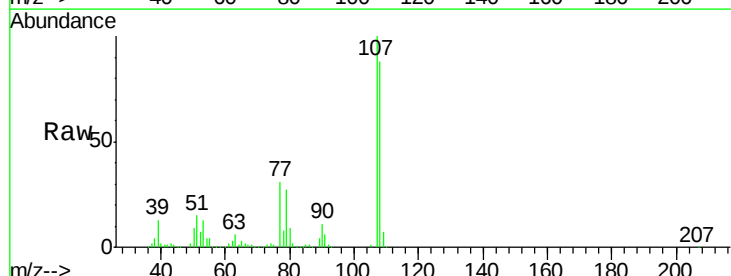
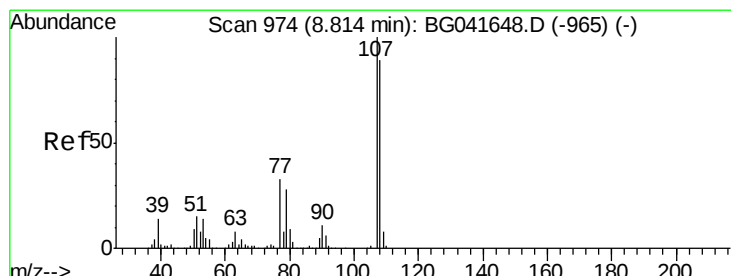
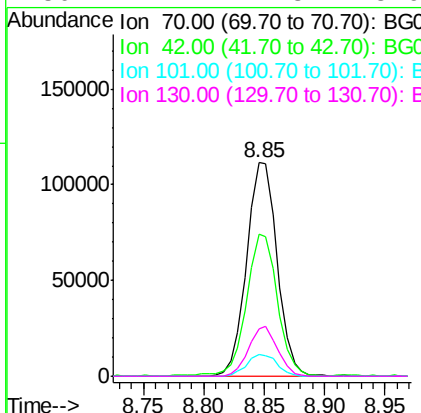
#19
n-Nitroso-di-n-propylamine
Concen: 27.815 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		197103		
42	66.6	55.8	83.6		
101	10.4	8.1	12.1		
130	22.2	17.3	25.9		

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

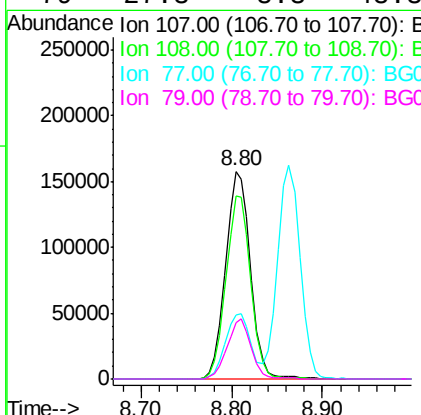
Manual Integrations
APPROVED

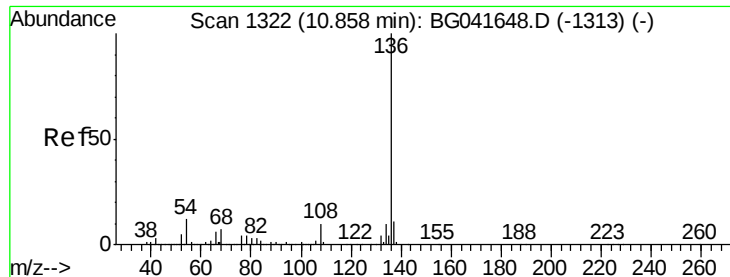
mohammad
7/22/2019 10:00:51 AM



#20
3+4-Methylphenols
Concen: 31.024 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		300319		
108	88.1	67.5	107.5		
77	31.1	12.3	52.3		
79	27.3	8.3	48.3		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

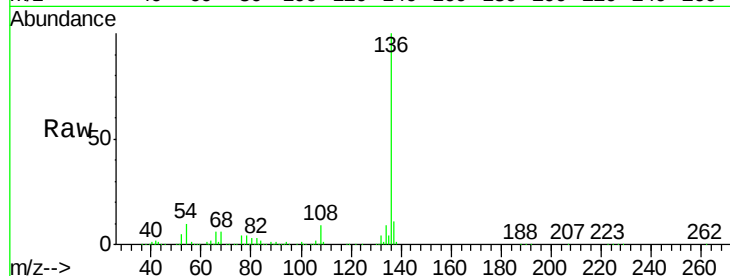
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	471563		
137	11.0	9.2	13.8	
54	9.8	8.7	13.1	
68	6.2	5.5	8.3	

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM

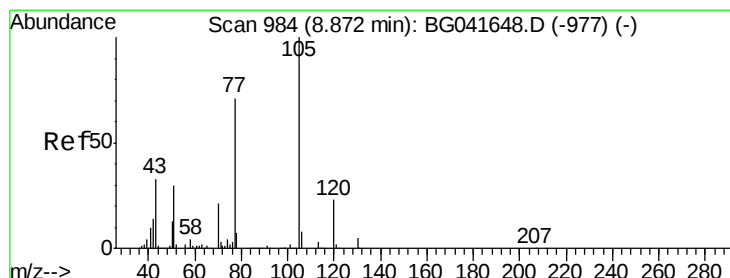
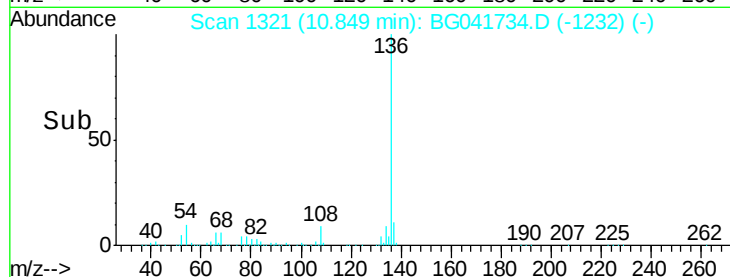
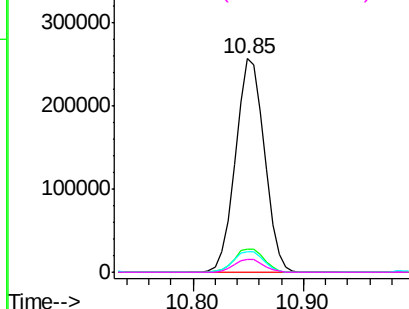


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.382 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

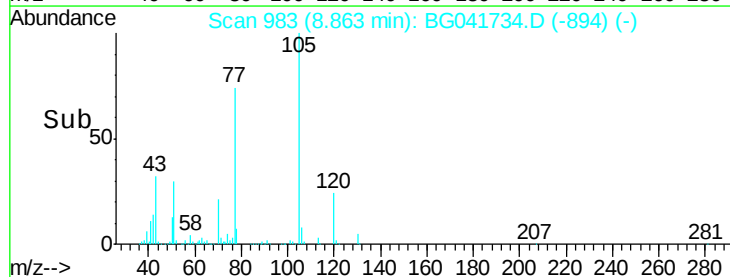
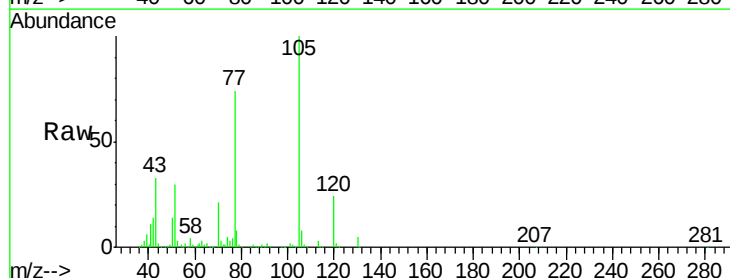
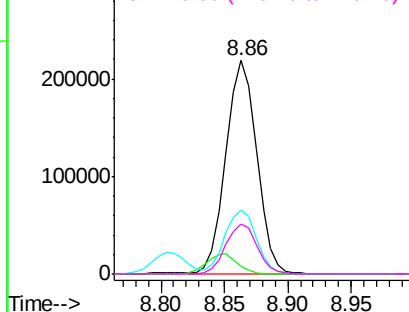
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	371915		
71	3.5	5.9	8.9#	
51	30.2	27.7	41.5	
120	23.5	19.3	28.9	

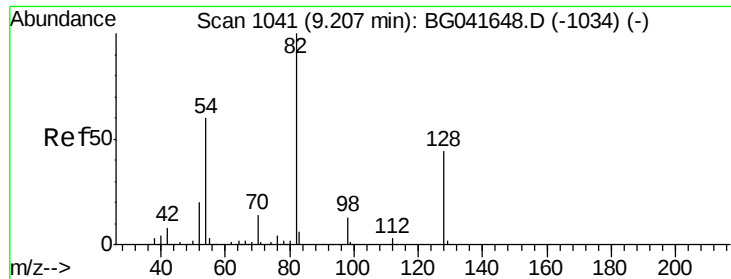
Abundance Ion 105.00 (104.70 to 105.70): E

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





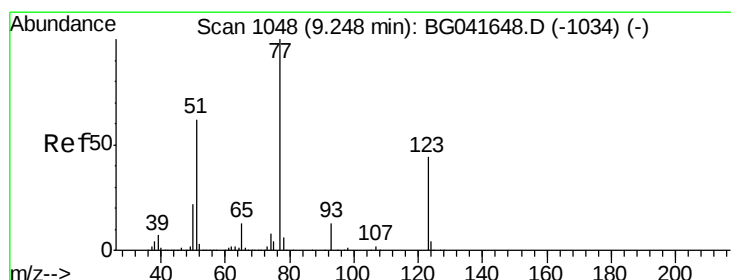
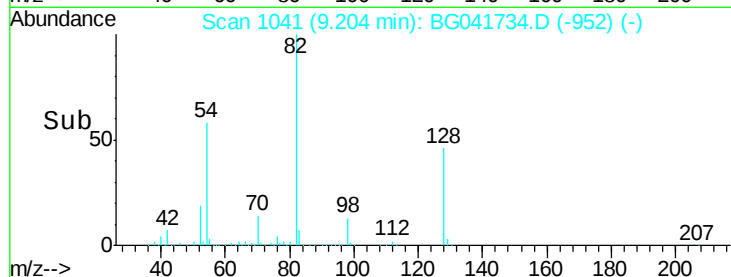
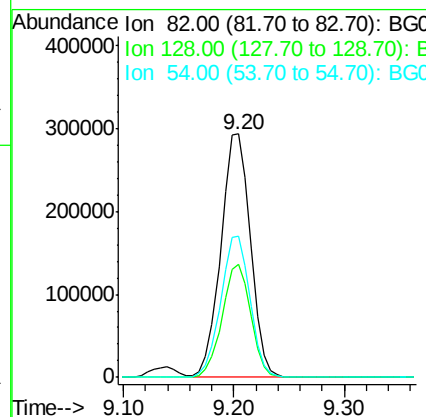
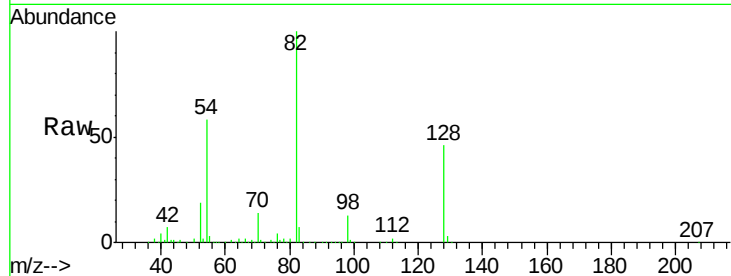
#23
Nitrobenzene-d5
Concen: 70.453 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.1	52.7
54	57.8	48.7	73.1

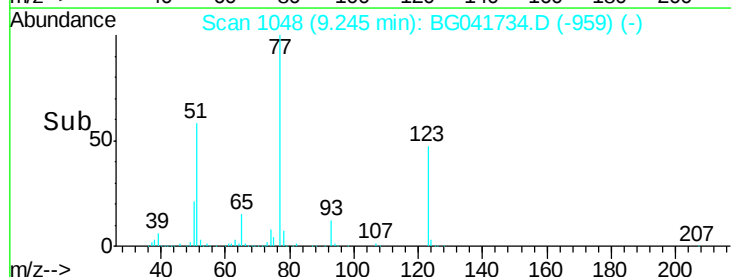
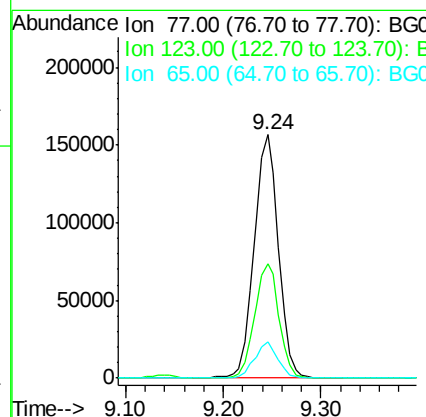
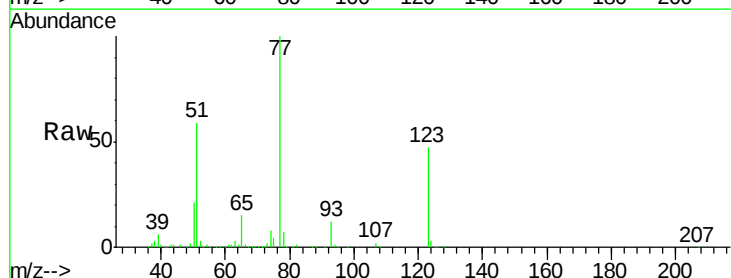
Manual Integrations
APPROVED

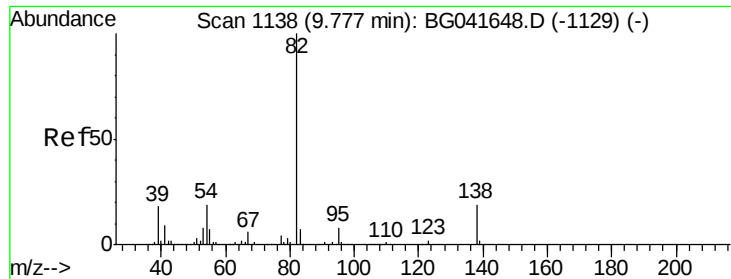
mohammad
7/22/2019 10:00:51 AM



#24
Nitrobenzene
Concen: 32.386 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	38.1	57.1
65	15.1	11.0	16.6





#25

Isophorone

Concen: 30.754 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

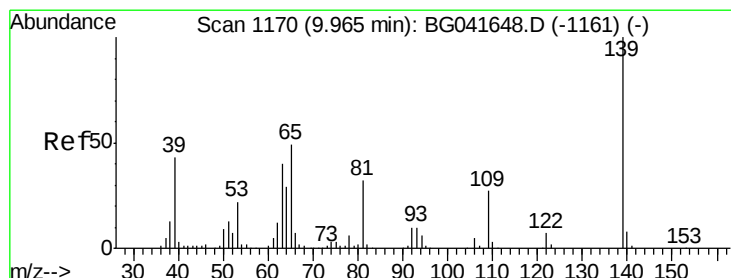
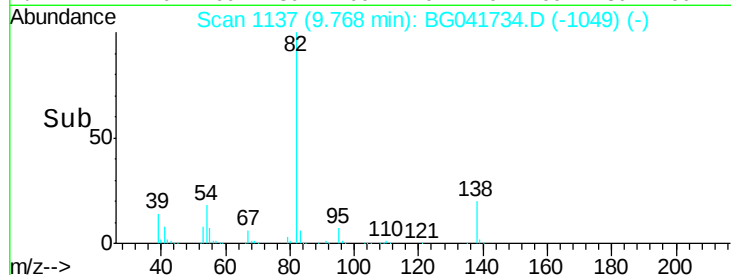
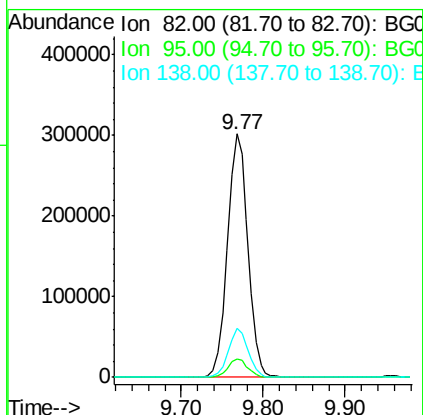
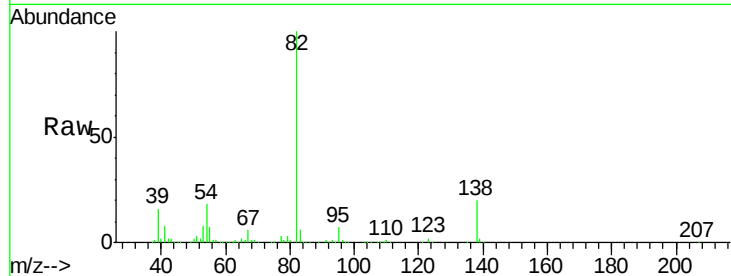
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	82	Resp:	522182
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.9	8.9
138	20.0	16.3	24.5

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



#26

2-Nitrophenol

Concen: 37.641 ng

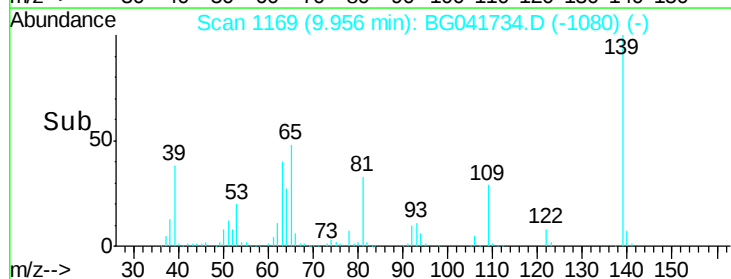
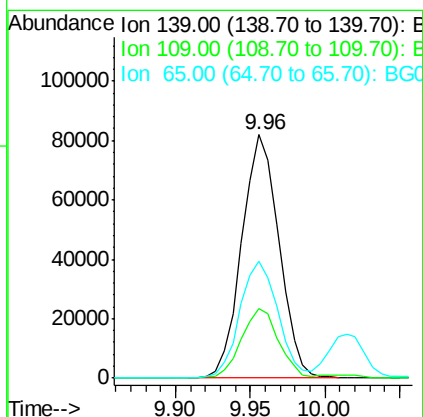
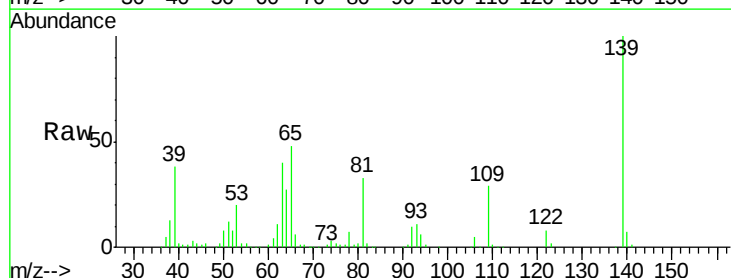
RT: 9.96 min Scan# 1169

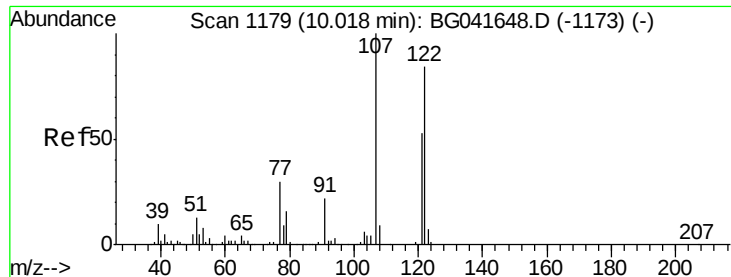
Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tgt Ion:	139	Resp:	141750
Ion Ratio	Lower	Upper	
139	100		
109	28.8	22.7	34.1
65	48.0	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 37.071 ng

RT: 10.01 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

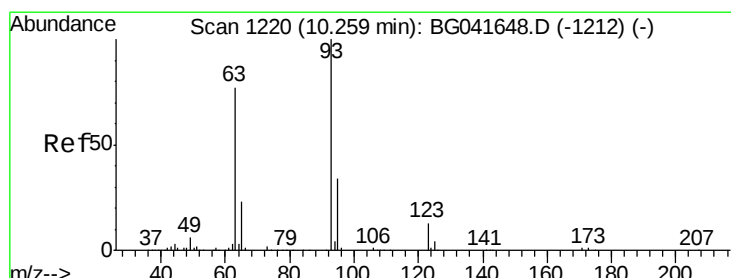
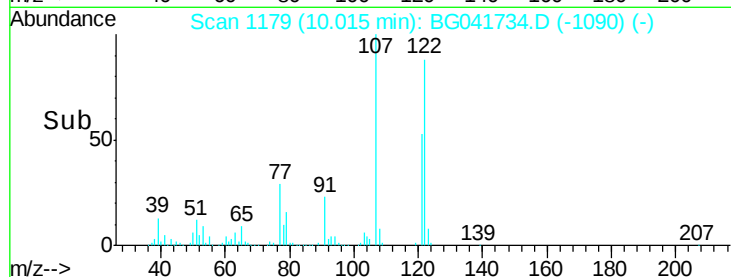
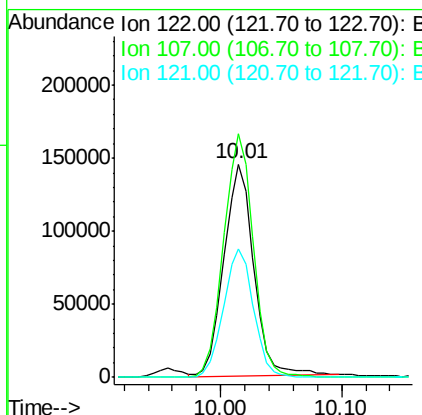
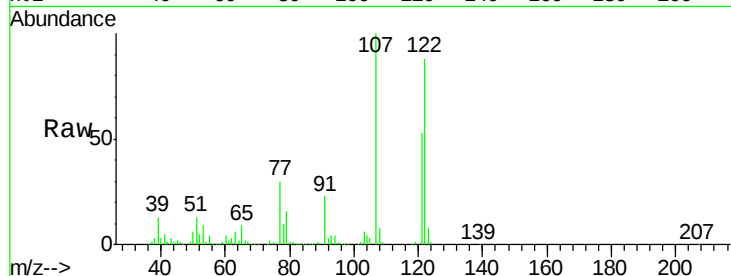
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	122	Resp:	249046
Ion Ratio	Lower	Upper	
122	100		
107	114.2	91.3	136.9
121	60.0	49.2	73.8

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



#28

bis(2-Chloroethoxy)methane

Concen: 30.905 ng

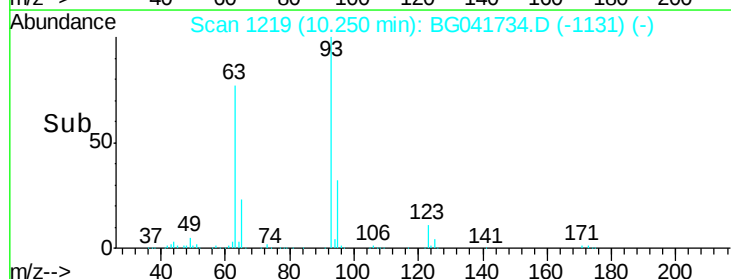
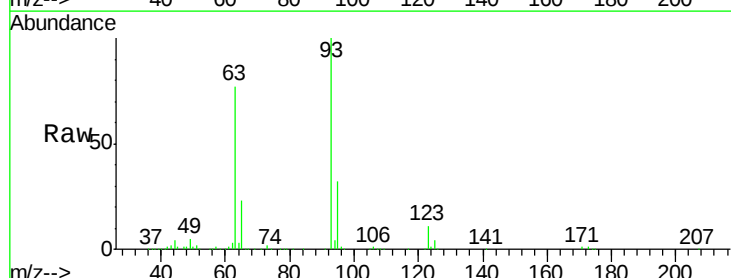
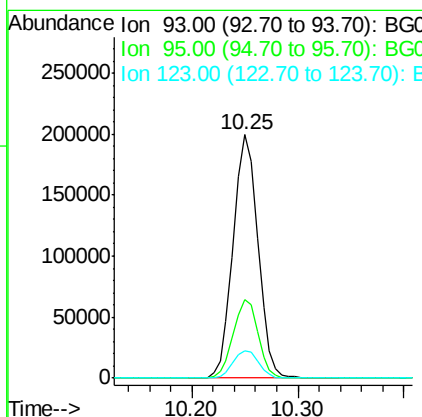
RT: 10.25 min Scan# 1219

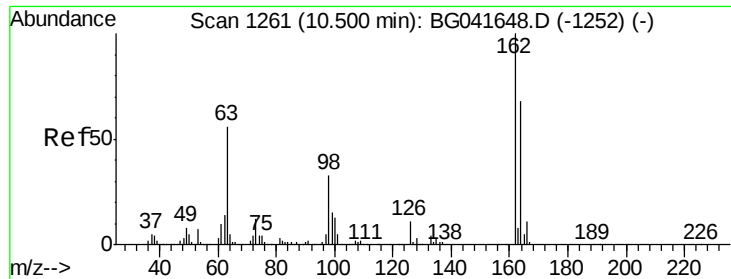
Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tgt Ion:	93	Resp:	323417
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.2	39.4
123	11.4	9.9	14.9





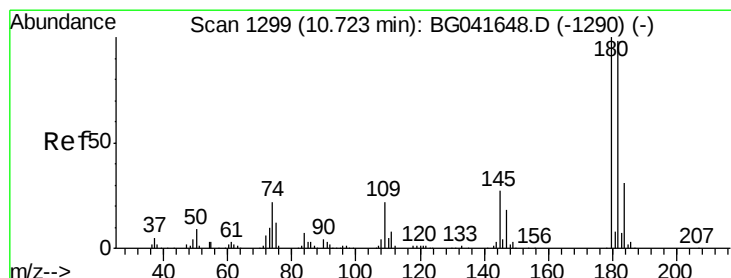
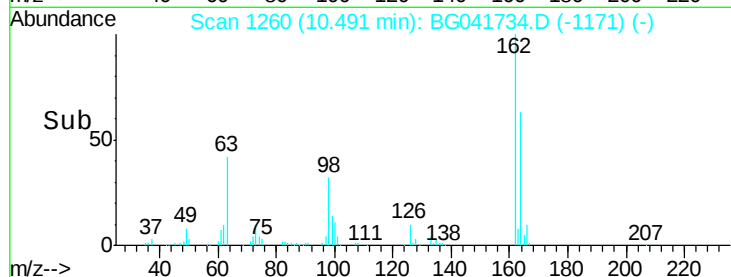
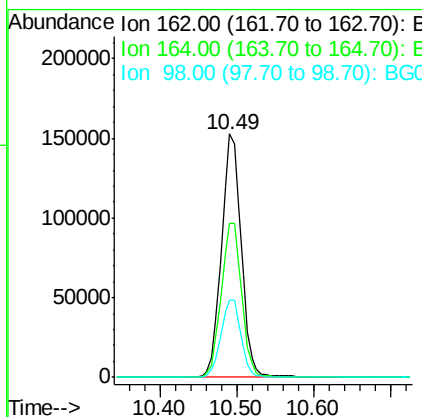
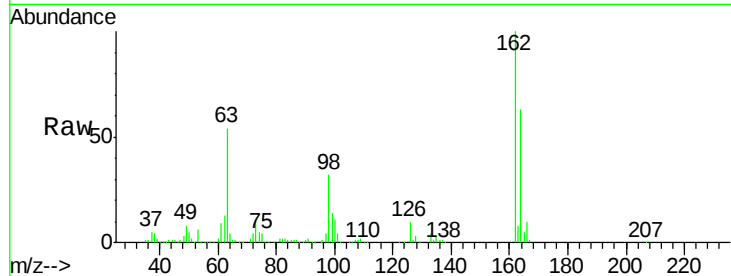
#29
2,4-Dichlorophenol
Concen: 35.492 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	271851		
164	63.1	46.1	86.1	
98	31.7	14.7	54.7	

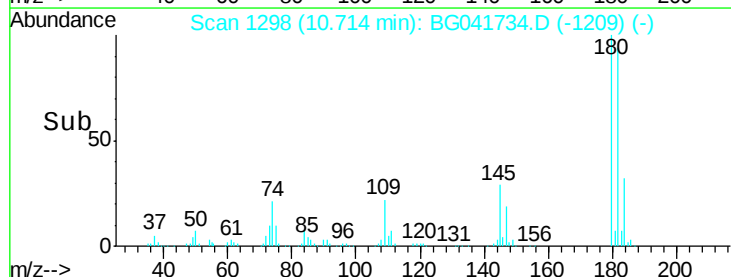
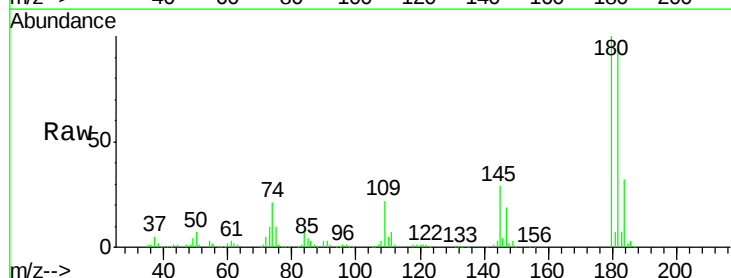
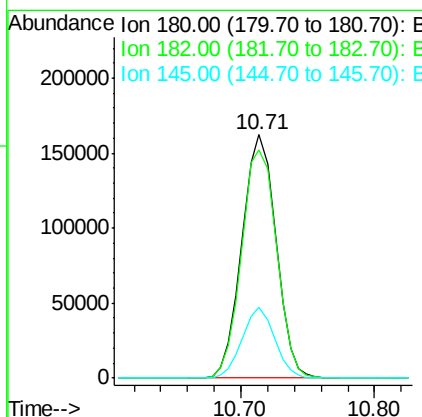
Manual Integrations
APPROVED

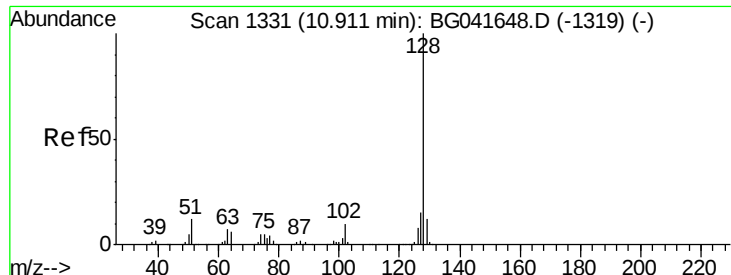
mohammad
7/22/2019 10:00:51 AM



#30
1,2,4-Trichlorobenzene
Concen: 31.870 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	286619		
182	93.7	76.2	114.2	
145	29.4	23.8	35.8	





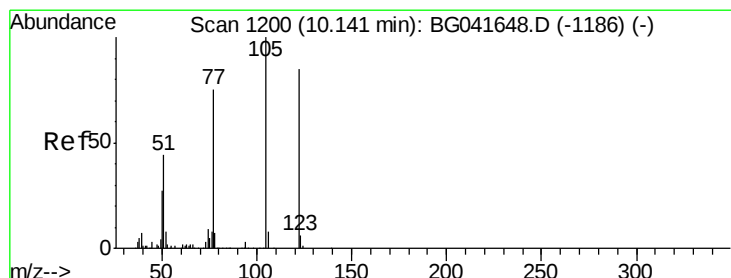
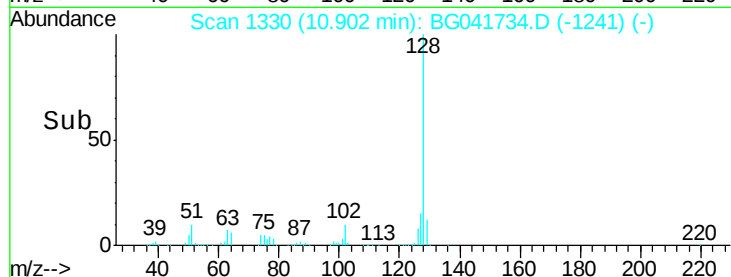
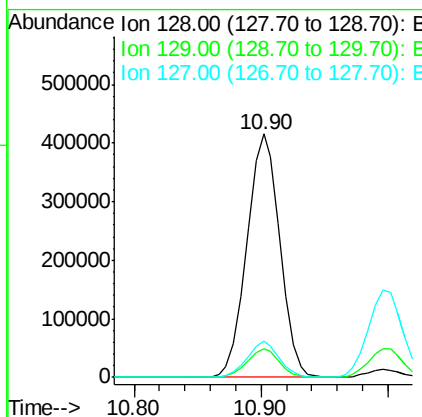
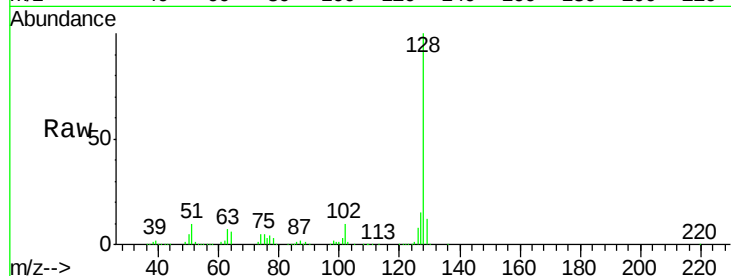
#31
Naphthalene
Concen: 32.283 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	749475		
129	11.9		10.0	15.0
127	15.0		12.3	18.5

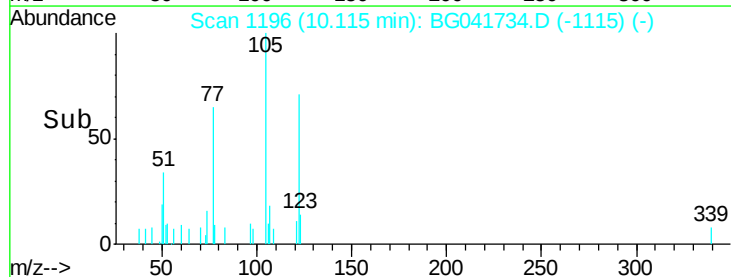
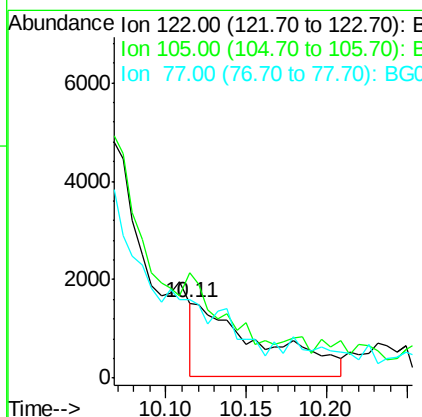
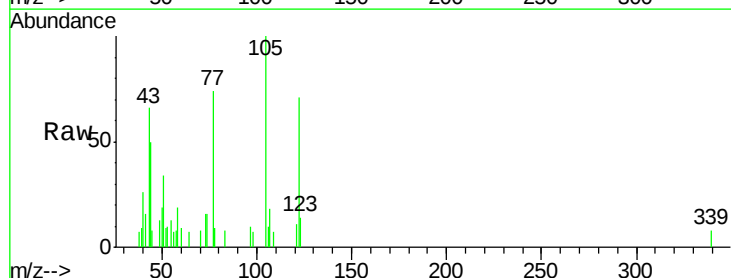
Manual Integrations
APPROVED

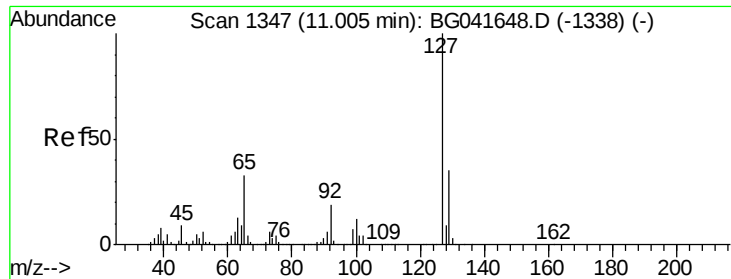
mohammad
7/22/2019 10:00:51 AM



#32
Benzoic acid
Concen: 6.742 ng m
RT: 10.11 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	4260		
105	140.2		101.5	141.5
77	104.4		73.0	113.0





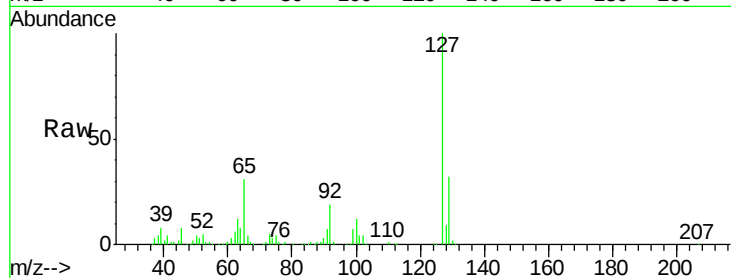
#33
4-Chloroaniline
Concen: 25.911 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

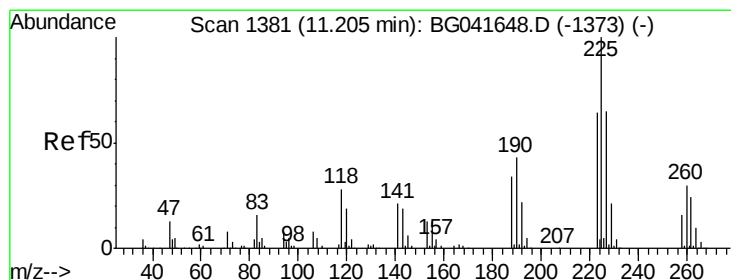
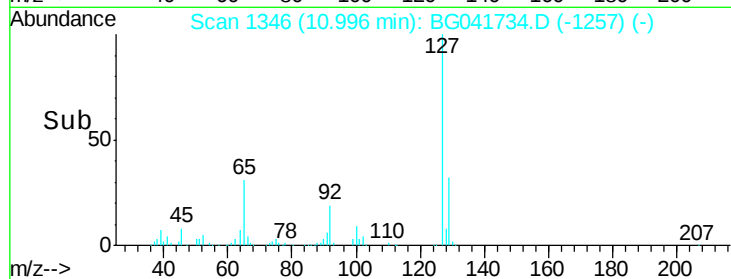
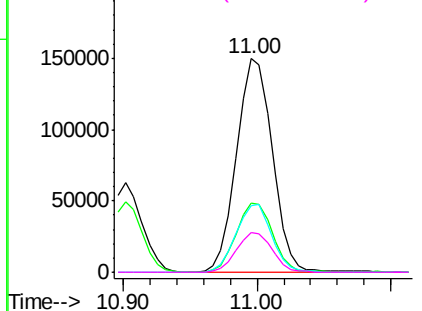
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.8	38.8		
65	31.1	26.7	40.1		
92	18.8	15.4	23.0		

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



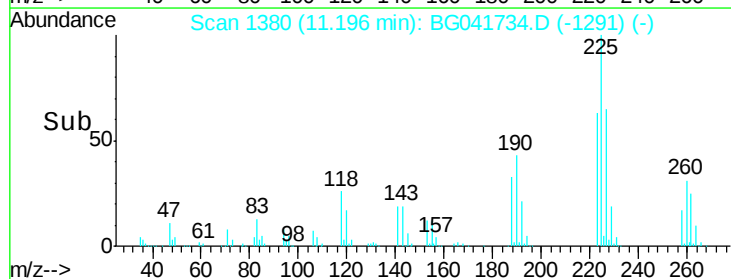
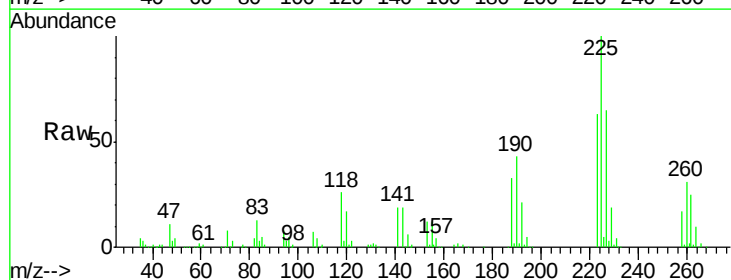
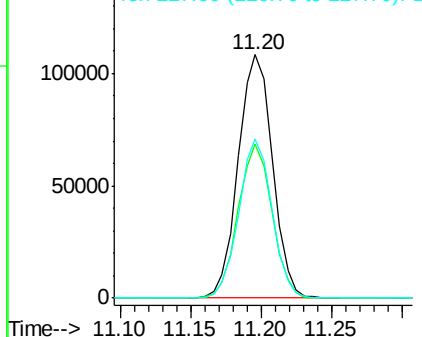
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

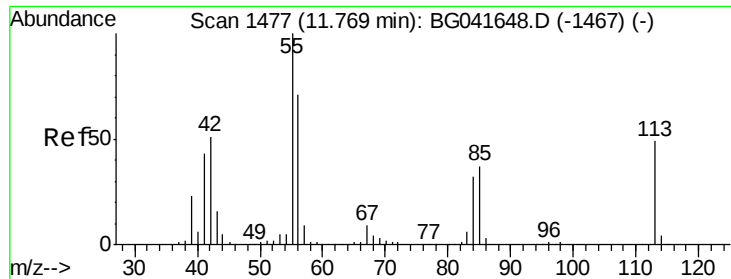


#34
Hexachlorobutadiene
Concen: 31.891 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.1	76.7		
227	65.4	50.9	76.3		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.234 ng/mL

RT: 11.75 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

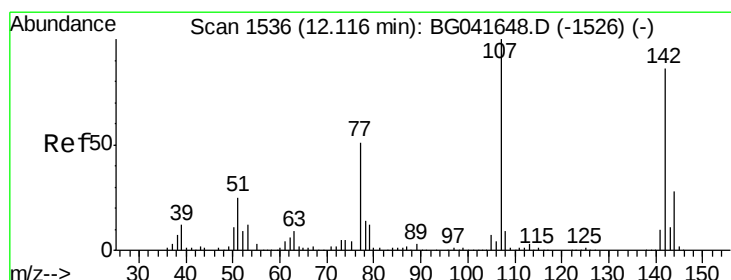
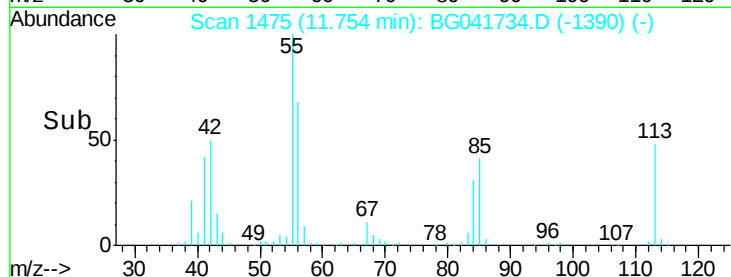
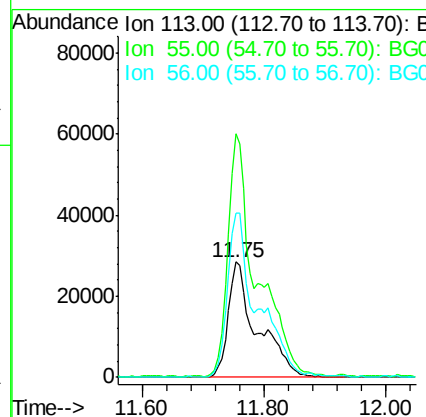
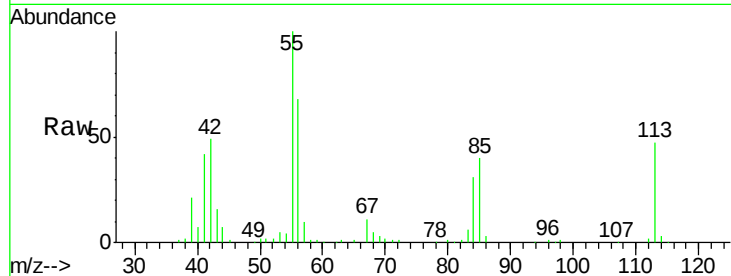
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	211.2		199.4	239.4	
56	143.0		133.6	173.6	

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



#36

4-Chloro-3-methylphenol

Concen: 34.481 ng/mL

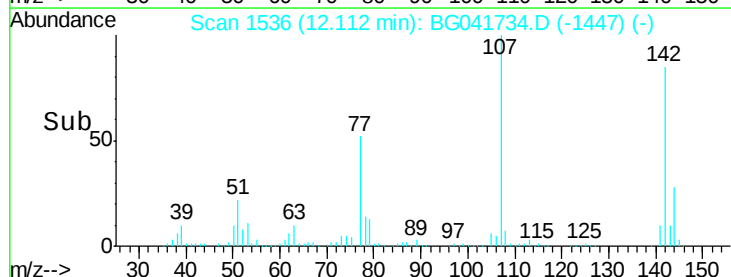
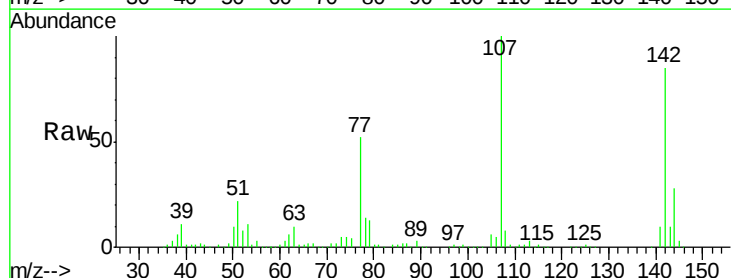
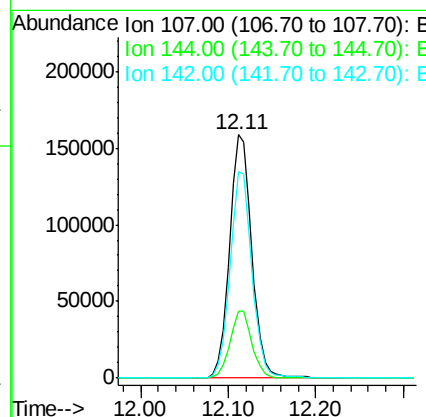
RT: 12.11 min Scan# 1536

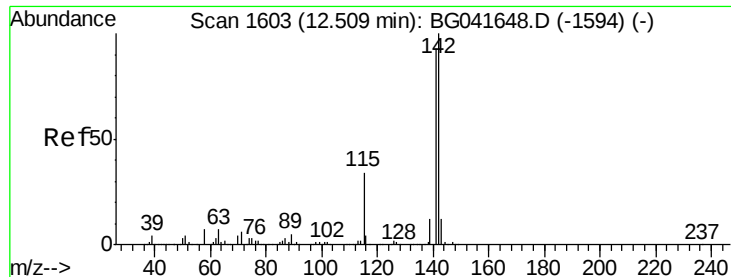
Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.7		22.2	33.2	
142	84.8		67.3	100.9	





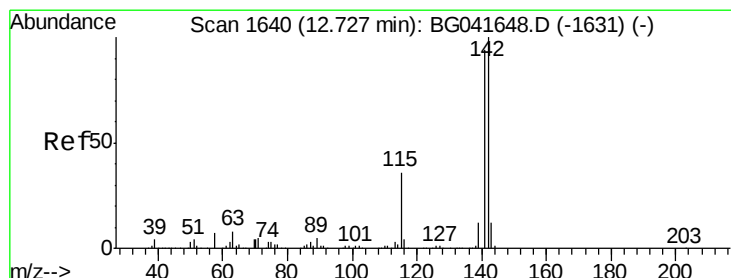
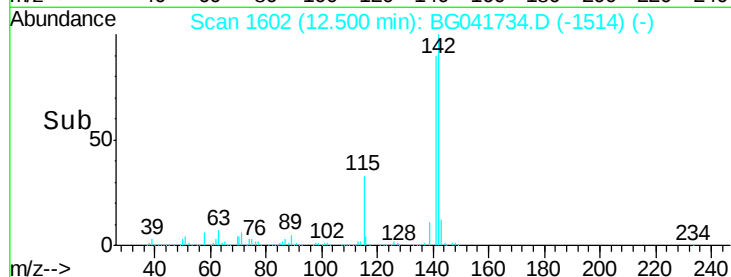
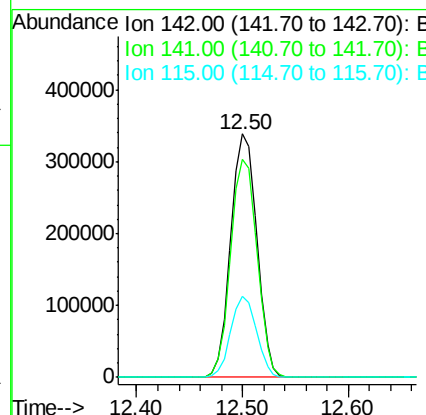
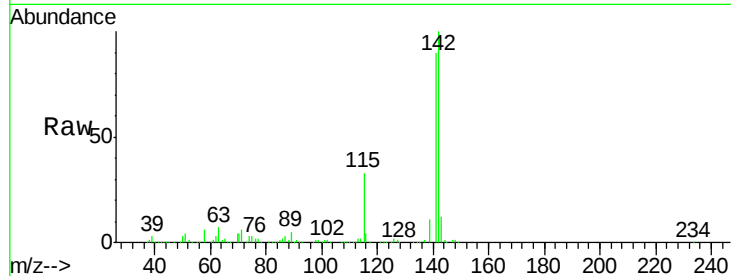
#37
2-Methylnaphthalene
Concen: 32.637 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	578893		
141	89.8	72.7	109.1	
115	33.1	27.0	40.4	

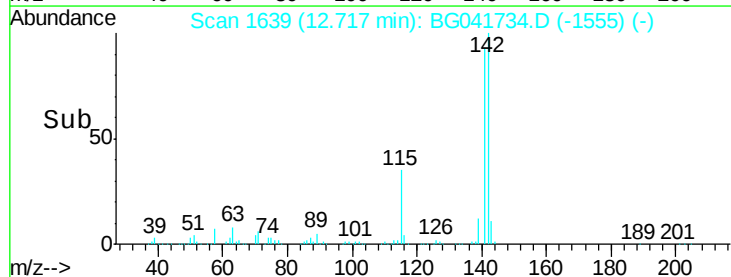
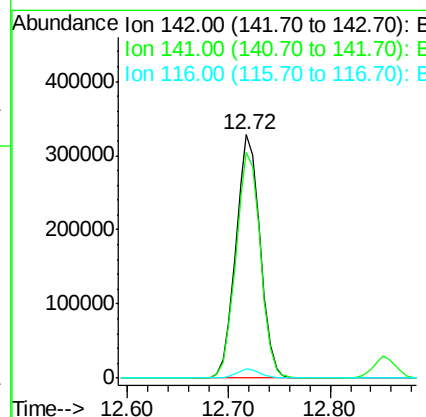
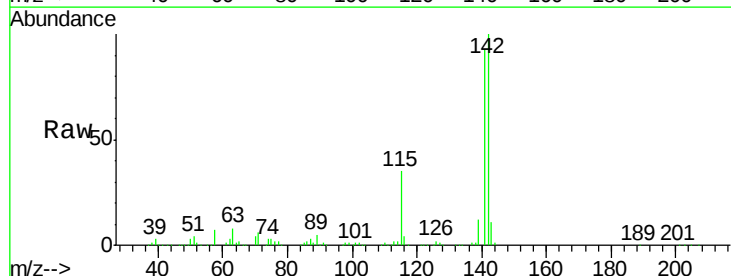
Manual Integrations
APPROVED

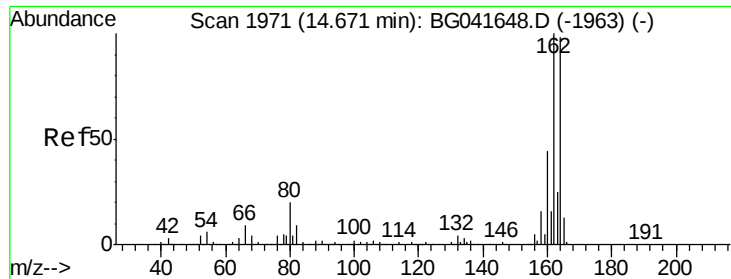
mohammad
7/22/2019 10:00:51 AM



#38
1-Methylnaphthalene
Concen: 32.102 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	542833		
141	92.9	75.4	113.2	
116	3.8	3.2	4.8	





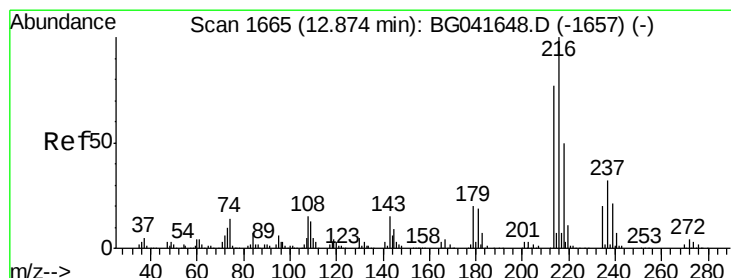
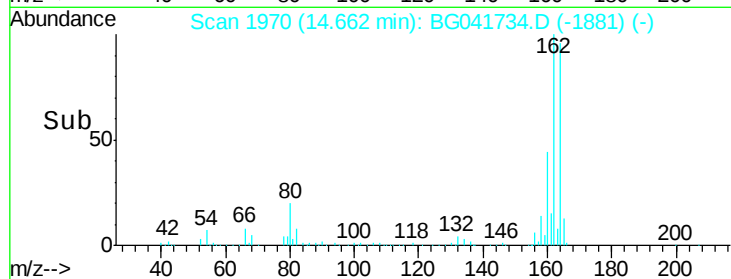
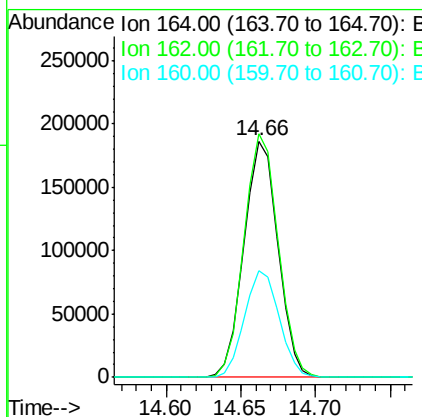
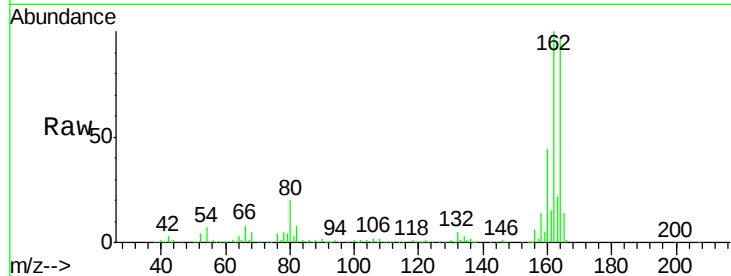
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	79.6	119.4	
160	45.1	35.4	53.0	

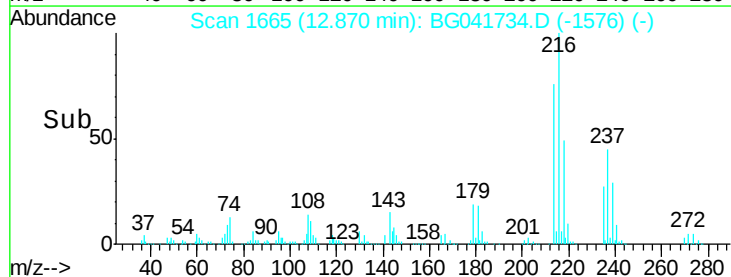
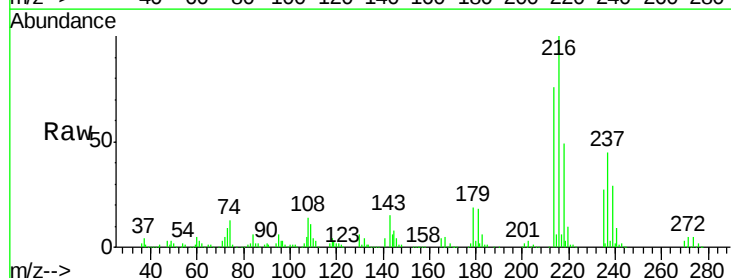
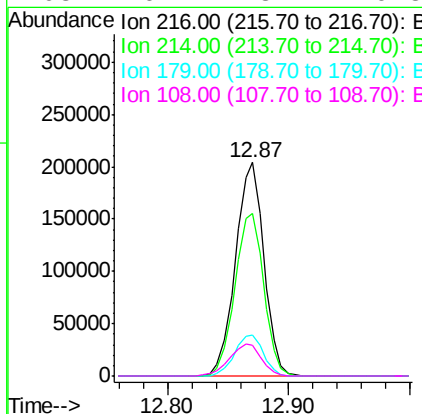
Manual Integrations
APPROVED

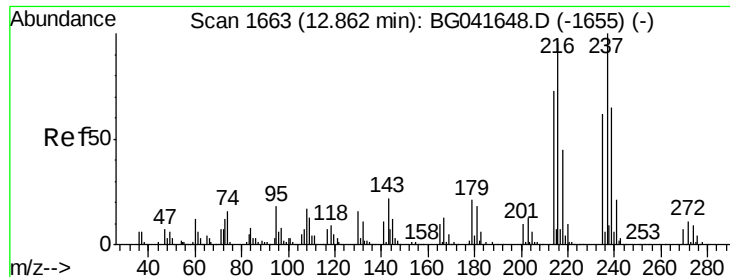
mohammad
7/22/2019 10:00:51 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.175 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.4	61.5	92.3	
179	19.4	16.2	24.2	
108	16.7	13.2	19.8	





#41

Hexachlorocyclopentadiene

Concen: 74.941 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

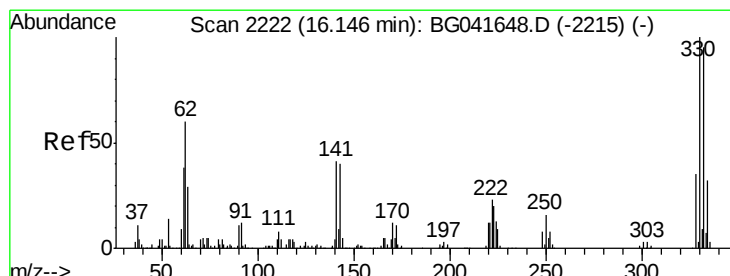
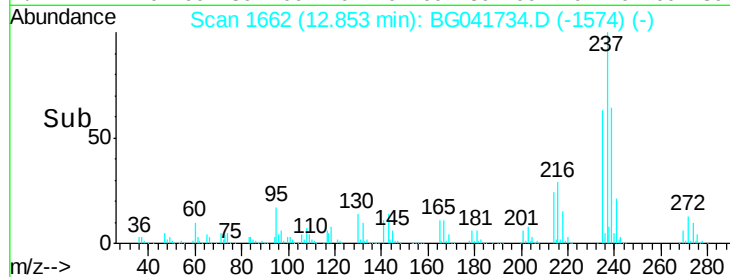
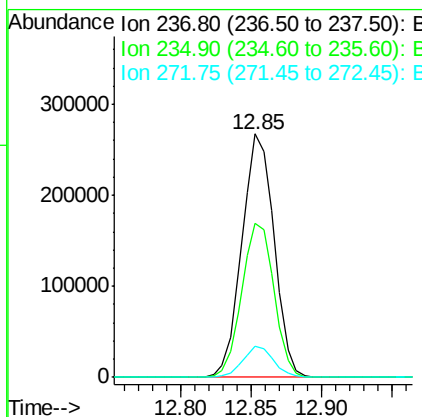
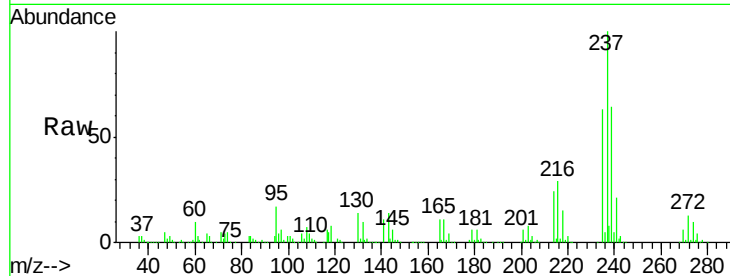
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	237	Resp:	426732
Ion Ratio		Lower	Upper
237	100		
235	63.4	43.5	83.5
272	12.5	0.0	31.2

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



#42

2,4,6-Tribromophenol

Concen: 113.275 ng

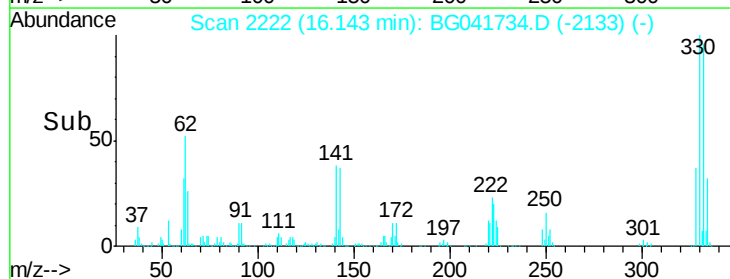
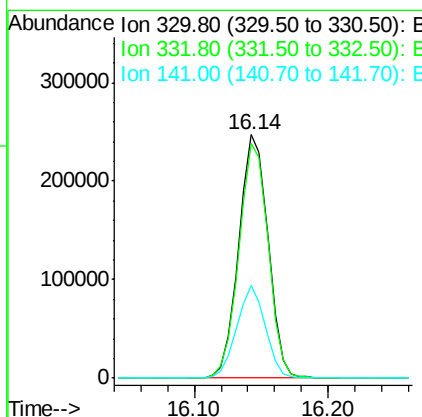
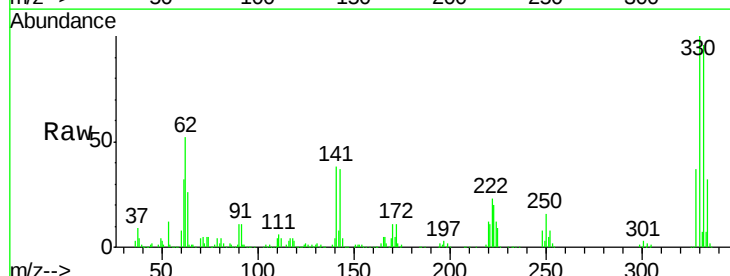
RT: 16.14 min Scan# 2222

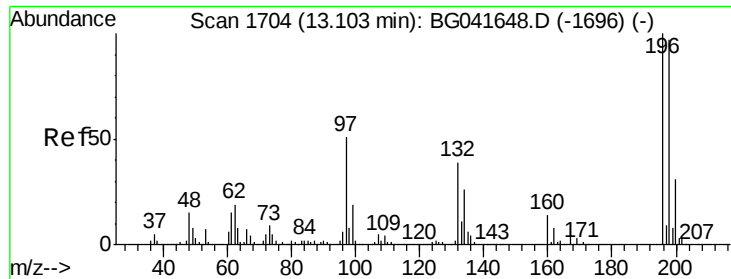
Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tgt Ion:	330	Resp:	375156
Ion Ratio		Lower	Upper
330	100		
332	96.6	77.4	116.0
141	37.0	31.9	47.9





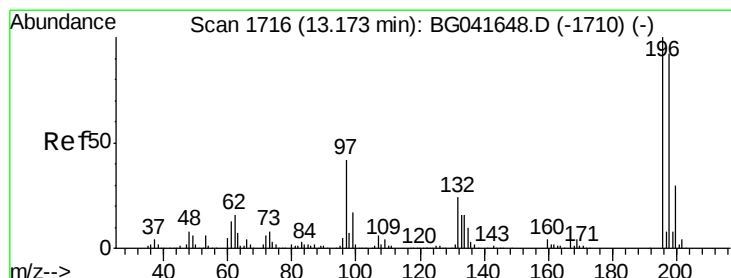
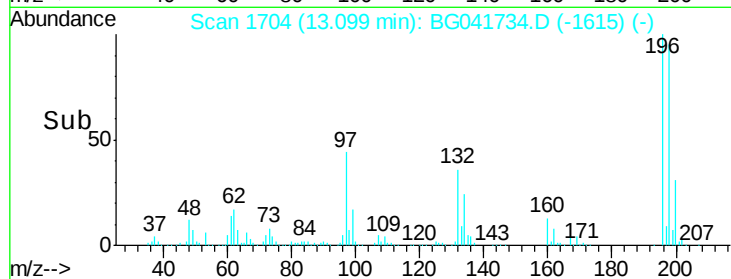
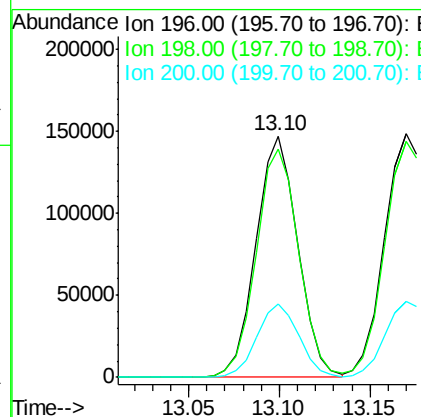
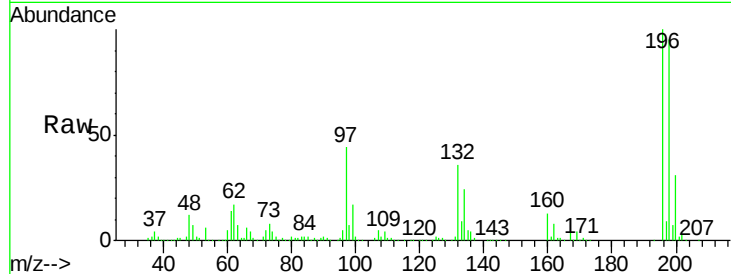
#43
 2,4,6-Trichlorophenol
 Concen: 35.950 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	235139		
198	94.6	79.6	119.4	
200	30.7	25.2	37.8	

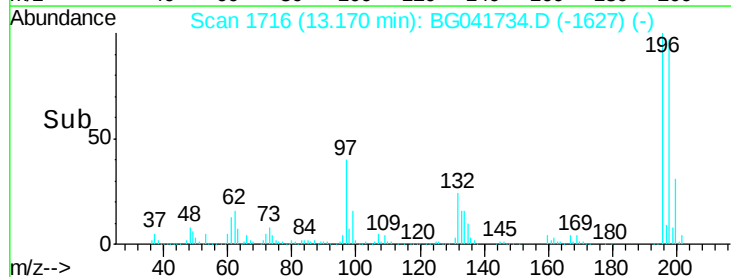
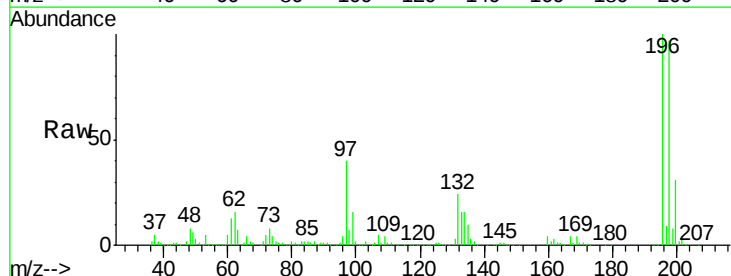
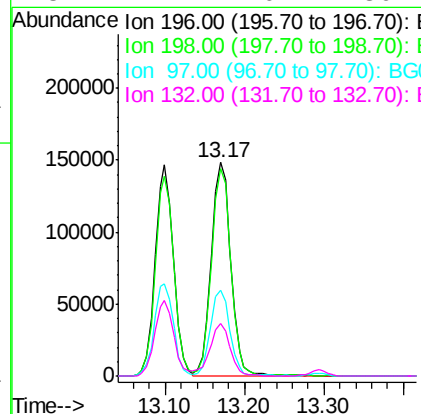
Manual Integrations
 APPROVED

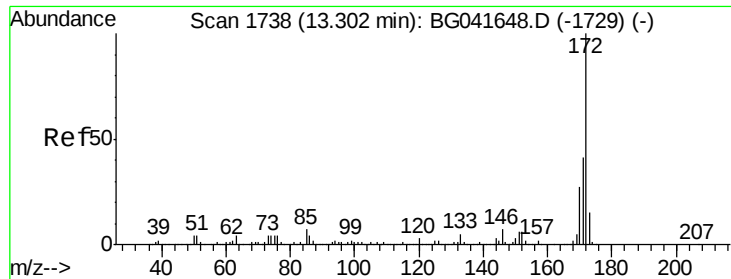
mohammad
 7/22/2019 10:00:51 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.993 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	254931		
198	97.1	80.6	121.0	
97	40.4	33.9	50.9	
132	24.4	20.2	30.2	





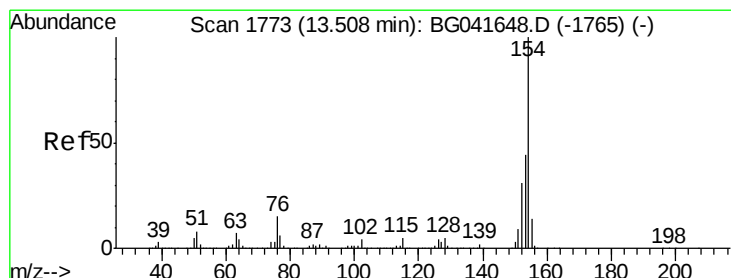
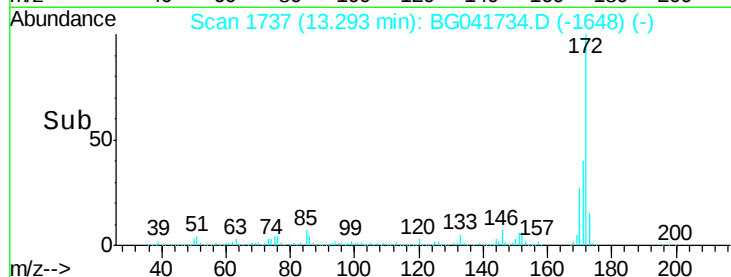
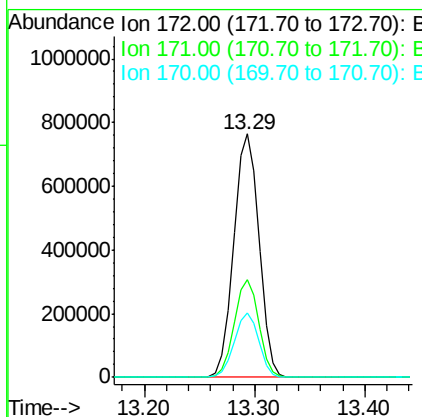
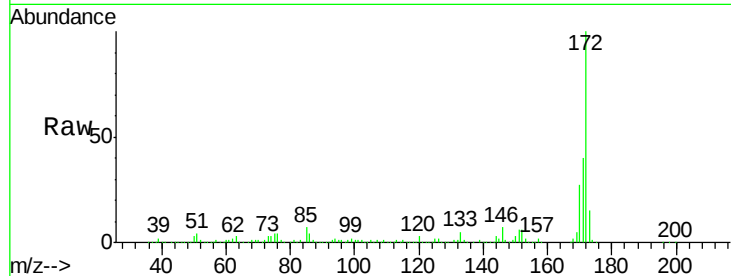
#45
2-Fluorobiphenyl
Concen: 64.706 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	40.2	35.0	52.4	
170	26.6	23.5	35.3	

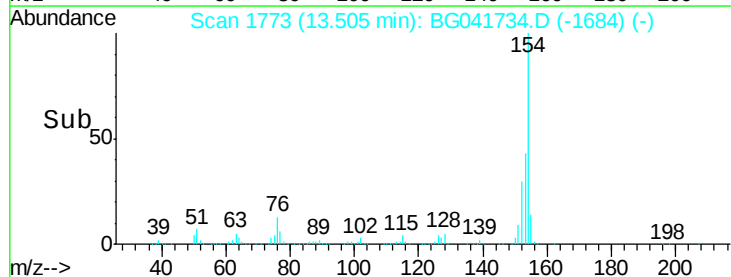
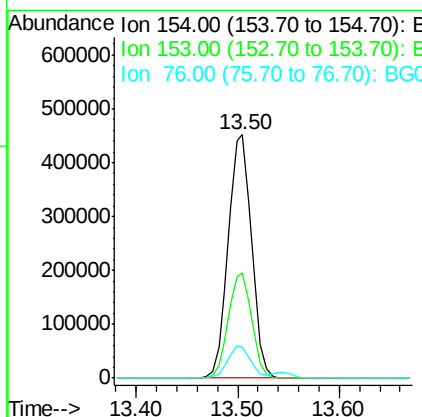
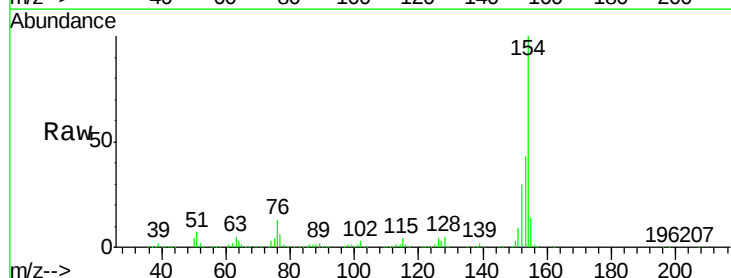
Manual Integrations
APPROVED

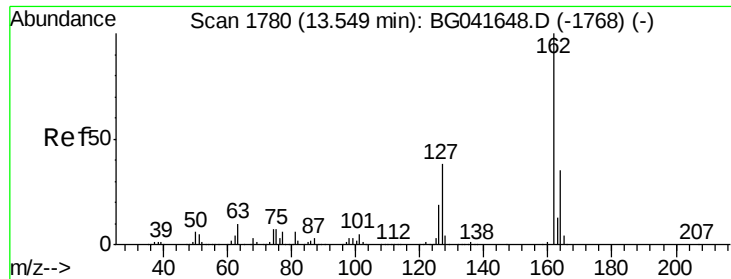
mohammad
7/22/2019 10:00:51 AM



#46
1,1'-Biphenyl
Concen: 32.673 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	43.1	25.0	65.0	
76	12.6	0.0	34.5	





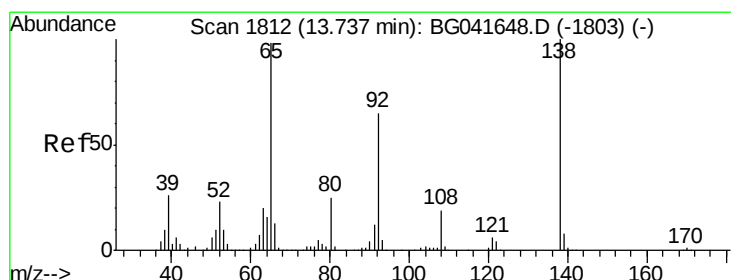
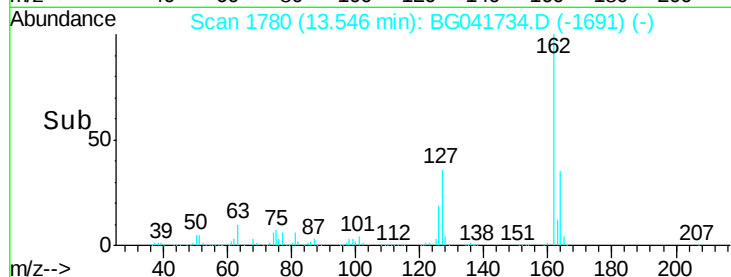
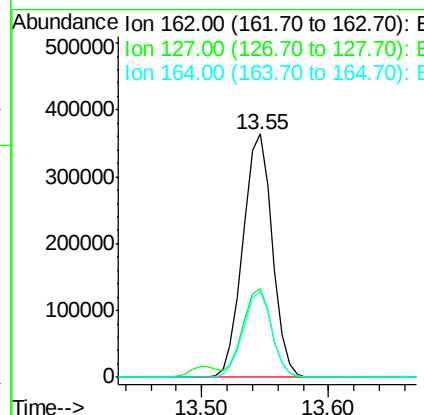
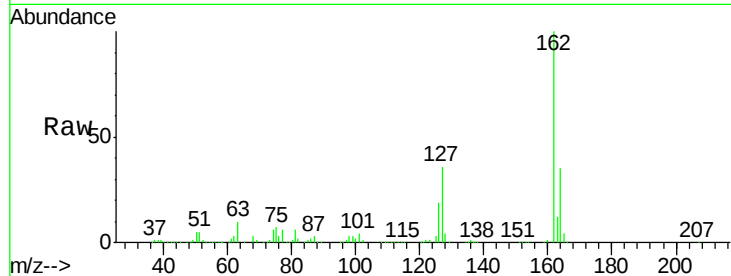
#47
2-Chloronaphthalene
Concen: 31.750 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.4	45.6
164	35.4	28.6	42.8

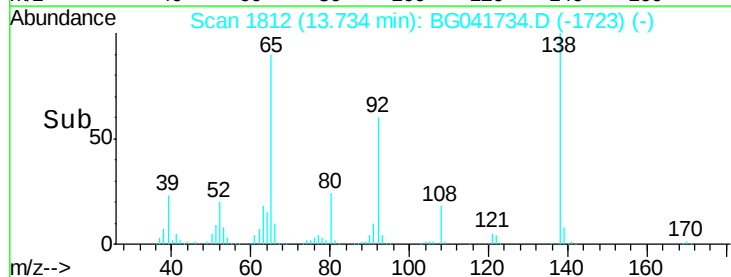
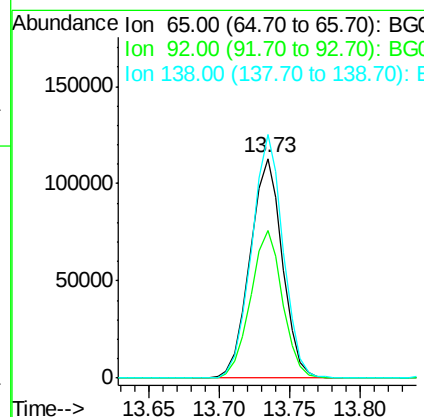
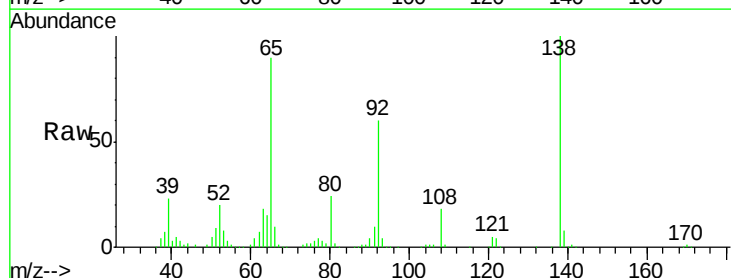
Manual Integrations
APPROVED

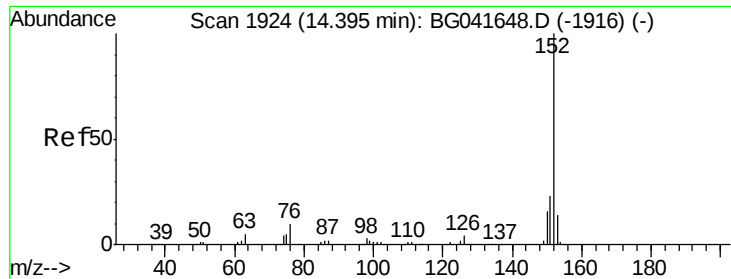
mohammad
7/22/2019 10:00:51 AM



#48
2-Nitroaniline
Concen: 33.978 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	53.9	80.9
138	110.7	83.5	125.3





#49

Acenaphthylene

Concen: 32.325 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

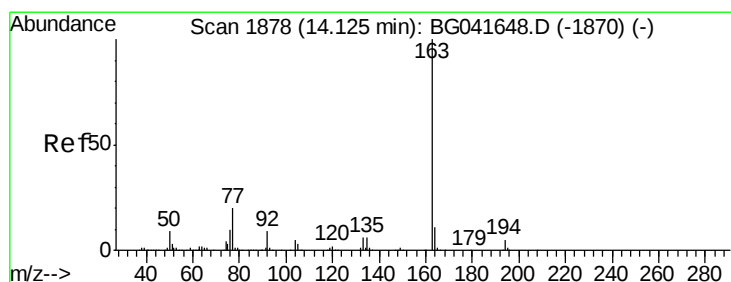
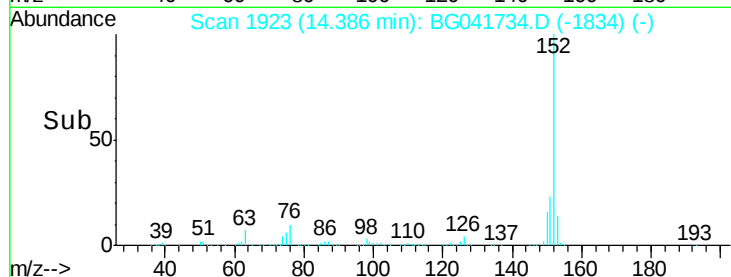
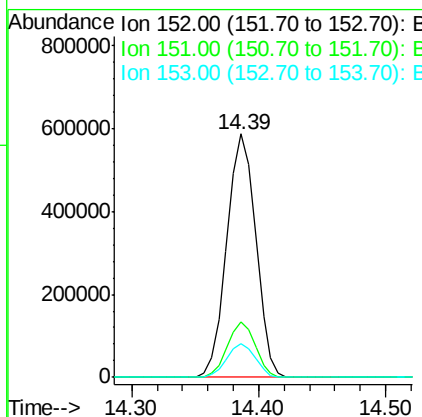
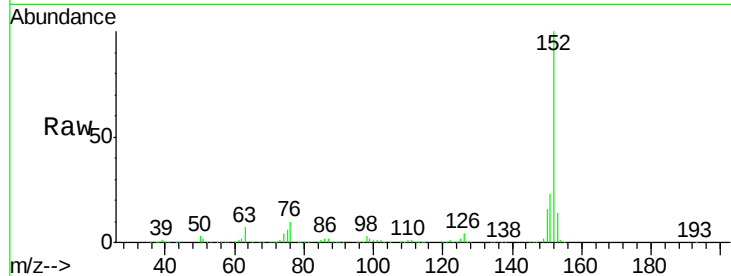
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		925928		
151	22.6	18.7		28.1	
153	14.1	12.4		18.6	

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



#50

Dimethylphthalate

Concen: 42.439 ng

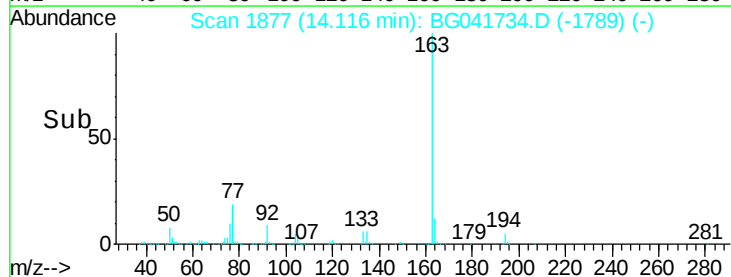
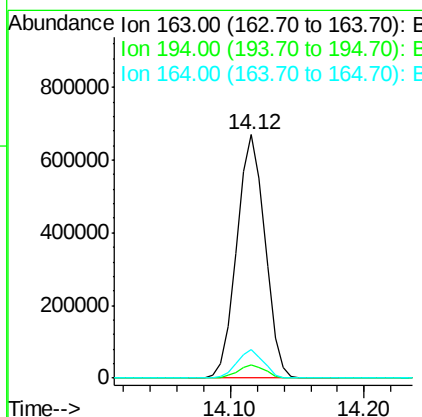
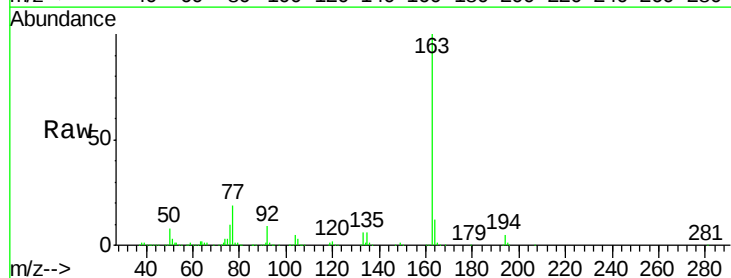
RT: 14.12 min Scan# 1877

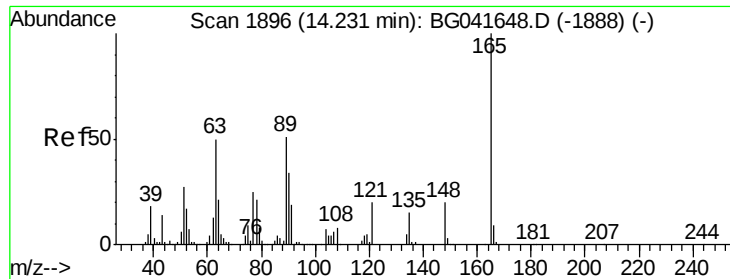
Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		979521		
194	5.2	4.2		6.2	
164	11.7	9.4		14.2	





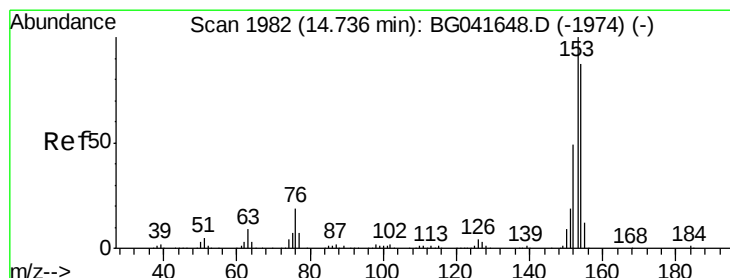
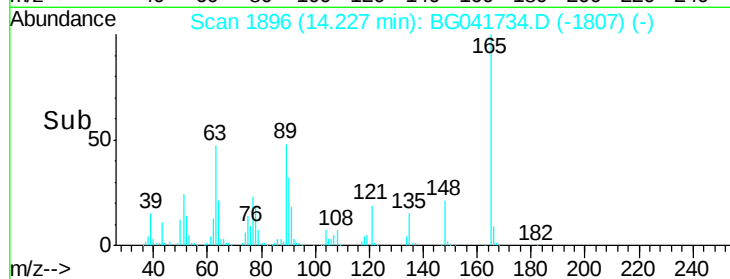
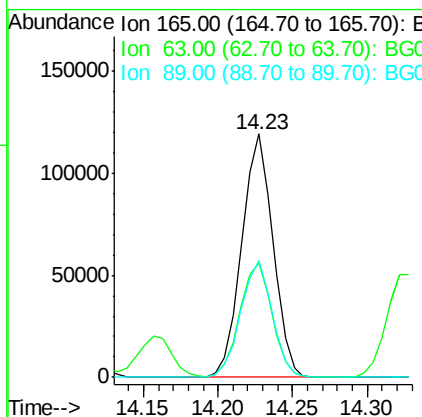
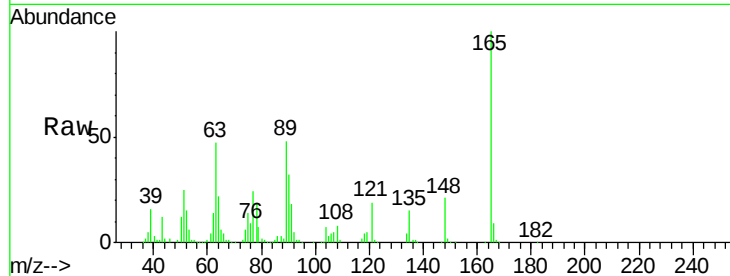
#51
 2,6-Dinitrotoluene
 Concen: 35.281 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	165	Resp:	172723
Ion Ratio	Lower	Upper	
165	100		
63	47.1	42.4	63.6
89	48.0	42.1	63.1

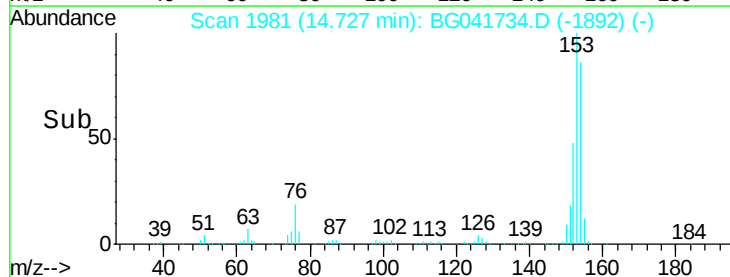
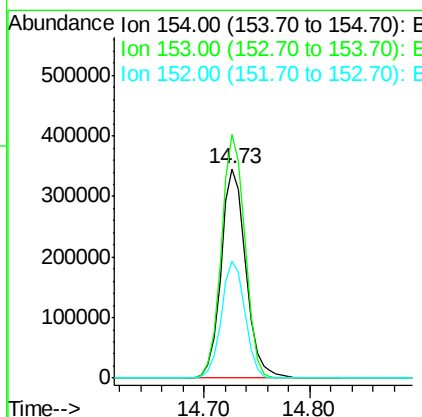
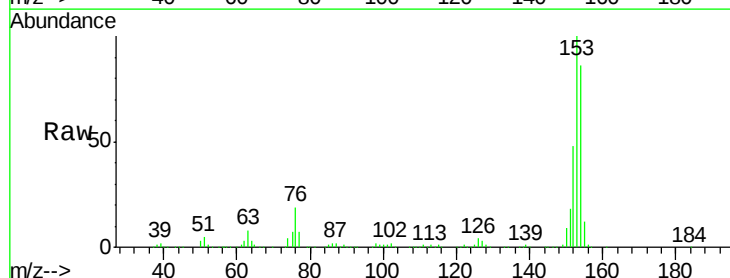
Manual Integrations
 APPROVED

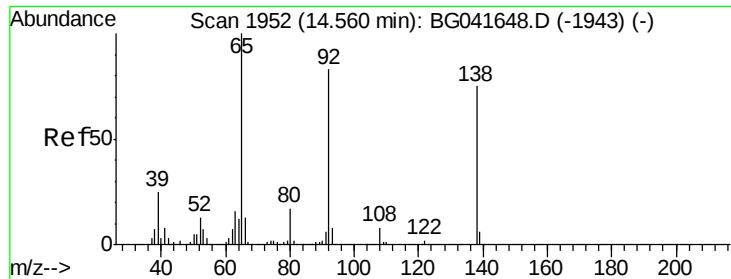
mohammad
 7/22/2019 10:00:51 AM



#52
 Acenaphthene
 Concen: 31.108 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion:	154	Resp:	561548
Ion Ratio	Lower	Upper	
154	100		
153	116.2	89.8	134.6
152	55.6	44.9	67.3





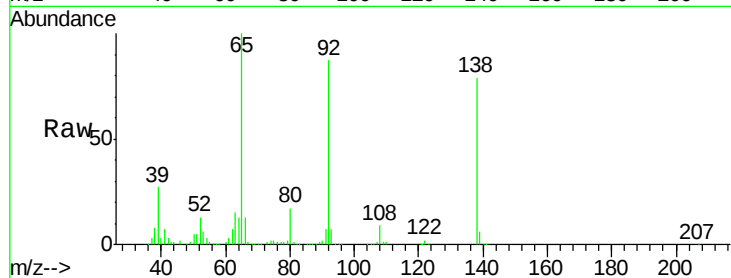
#53
3-Nitroaniline
Concen: 29.800 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

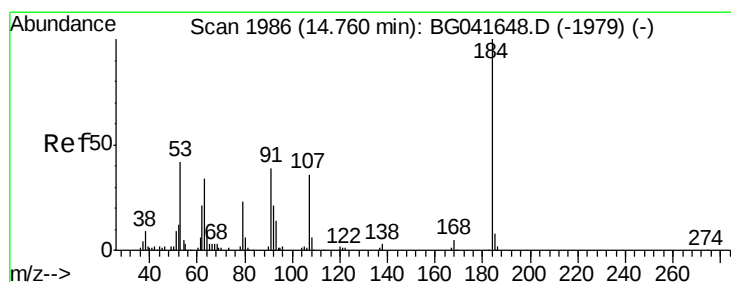
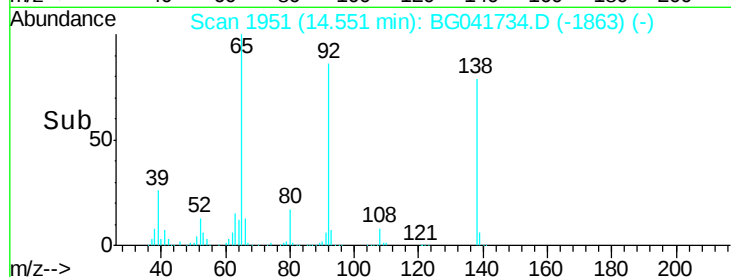
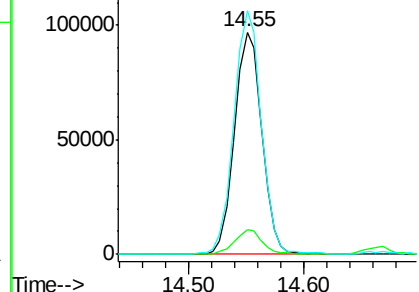
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	10.3	15.5
92	109.6	93.0	139.4

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



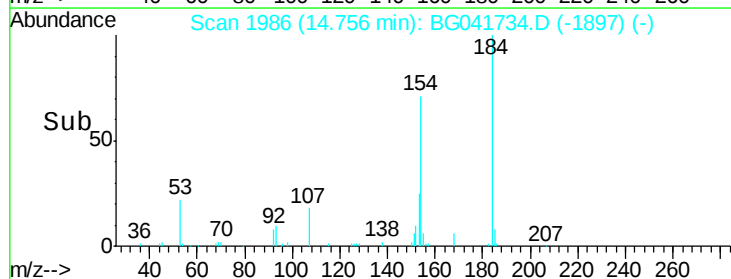
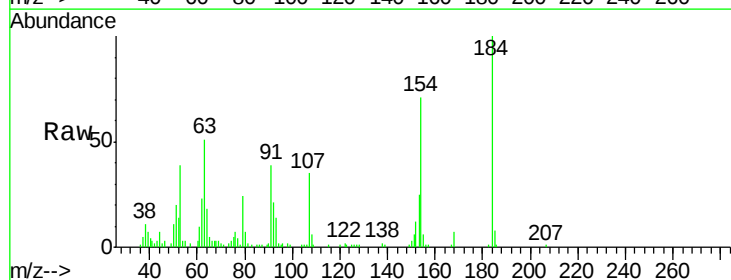
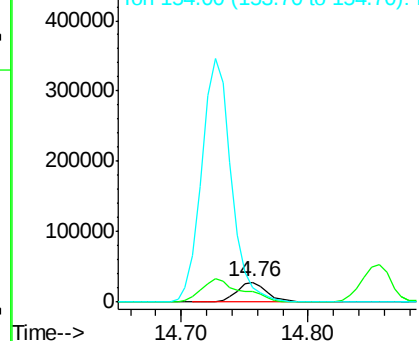
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

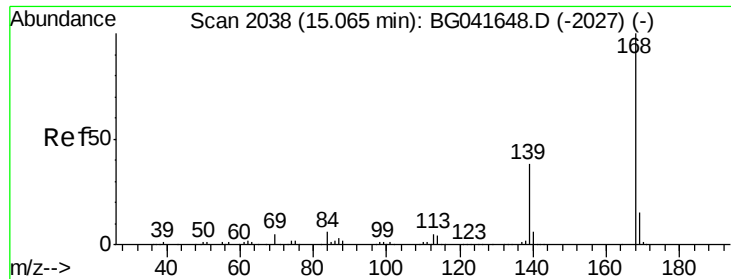


#54
2,4-Dinitrophenol
Concen: 24.934 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.9	43.2	64.8
154	71.2	51.4	77.2

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





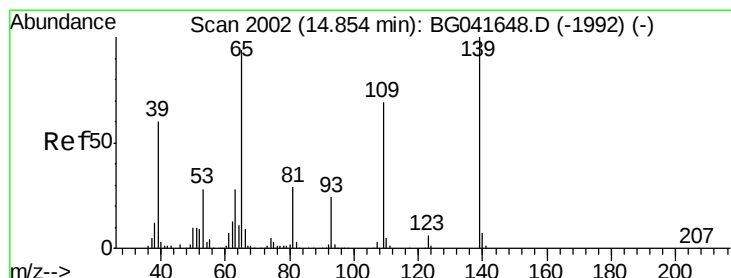
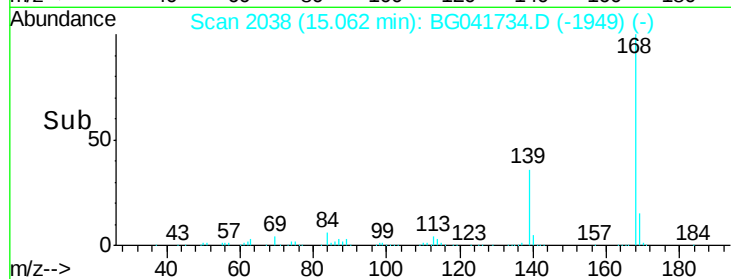
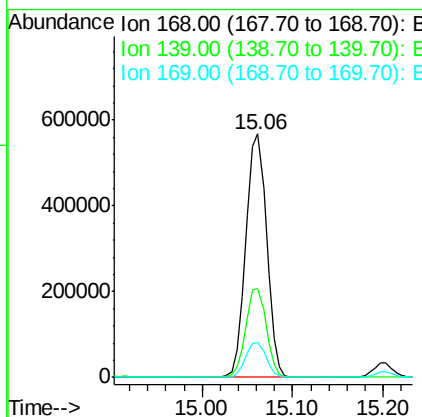
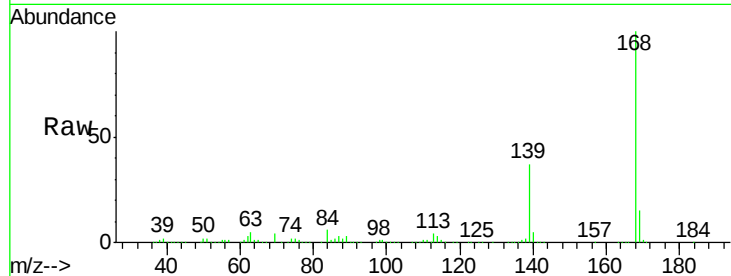
#55
Dibenzenofuran
Concen: 33.242 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	900462		
139	36.6		31.9	47.9
169	14.5		12.5	18.7

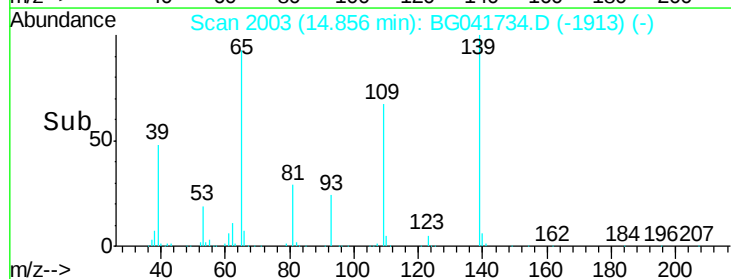
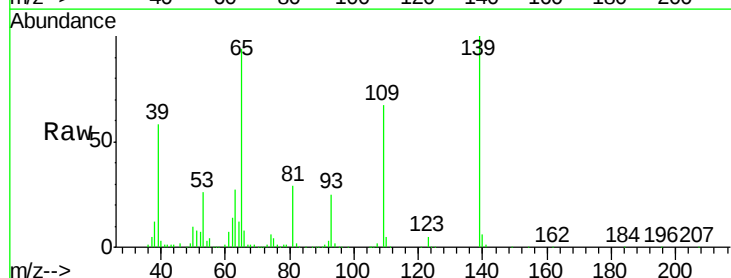
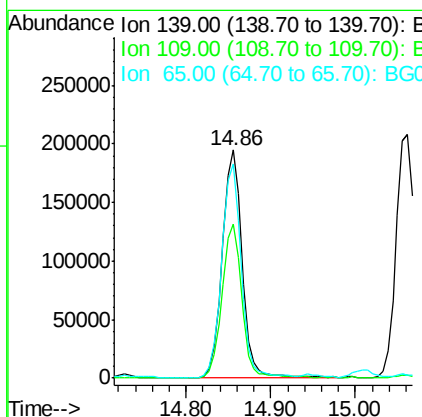
Manual Integrations
APPROVED

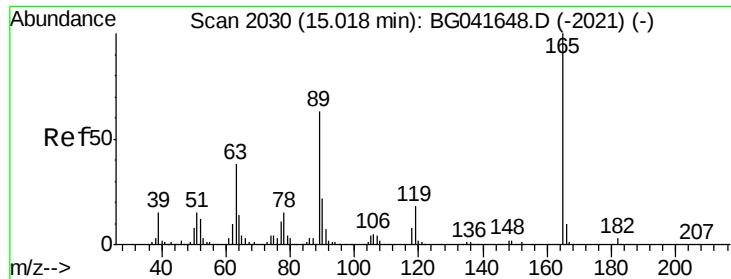
mohammad
7/22/2019 10:00:51 AM



#56
4-Nitrophenol
Concen: 73.944 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	319939		
109	67.3		51.3	91.3
65	94.0		77.6	117.6





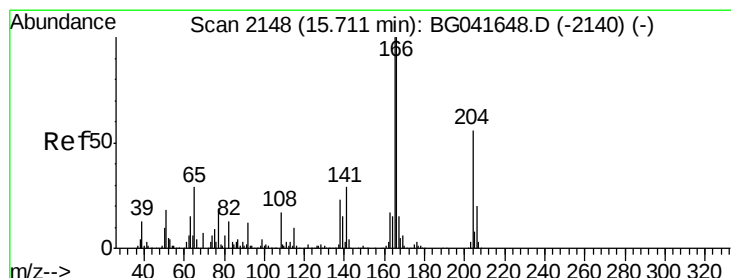
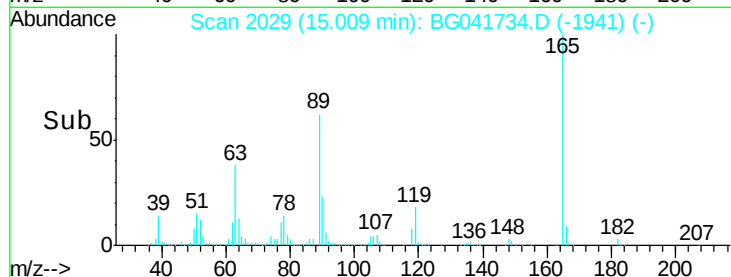
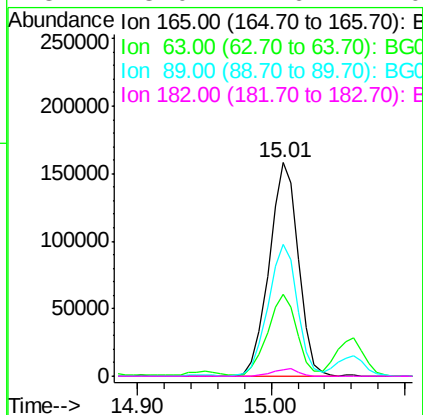
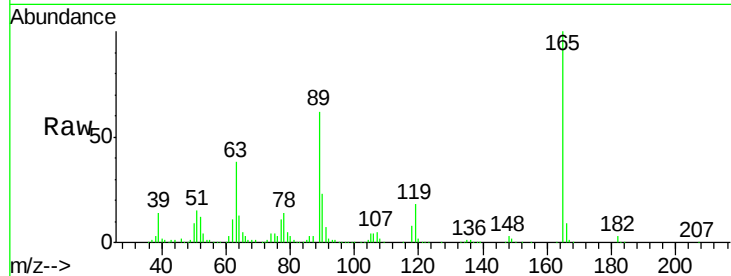
#57
2,4-Dinitrotoluene
Concen: 37.287 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	241299		
63	38.3		31.7	47.5
89	61.6		50.2	75.4
182	3.0		2.6	4.0

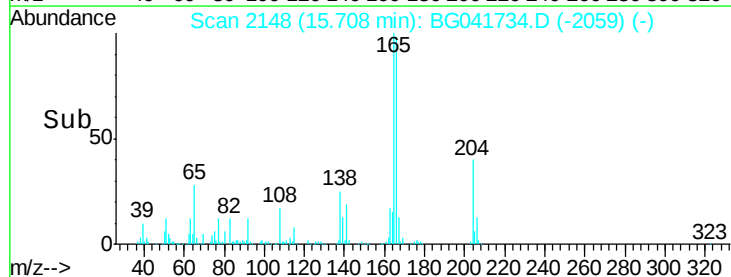
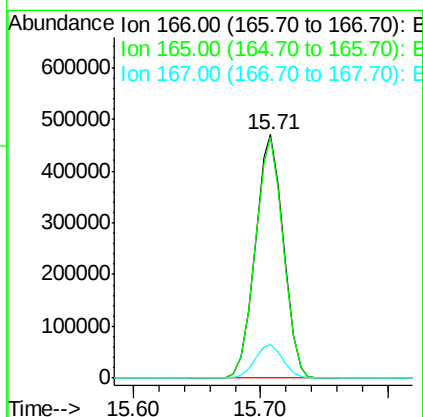
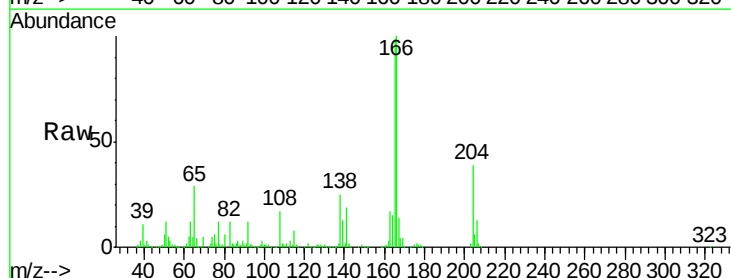
Manual Integrations
APPROVED

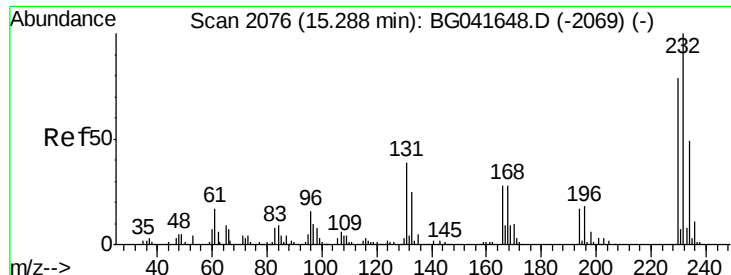
mohammad
7/22/2019 10:00:51 AM



#58
Fluorene
Concen: 32.864 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	724352		
165	99.2		80.5	120.7
167	14.0		12.4	18.6





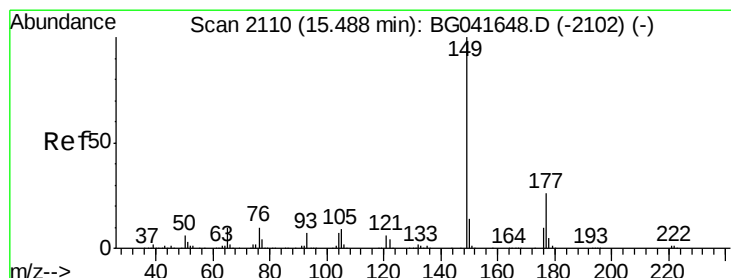
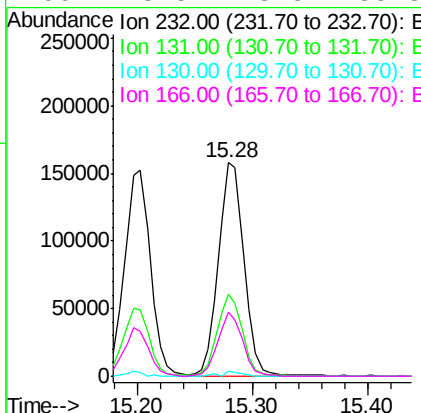
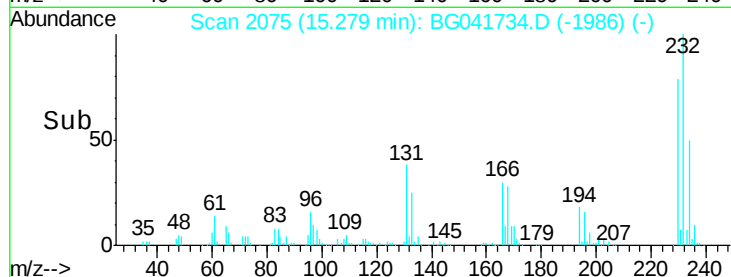
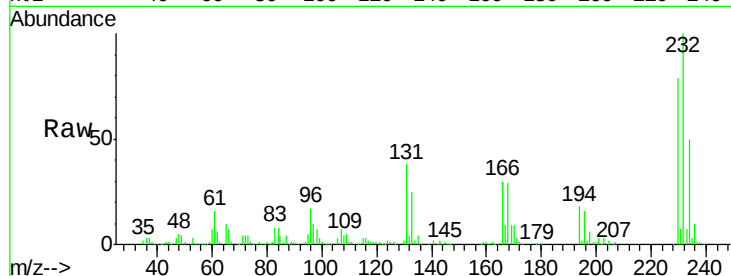
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.026 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		241919		
131	37.4	31.8	47.6		
130	1.8	1.8	2.8		
166	28.5	23.5	35.3		

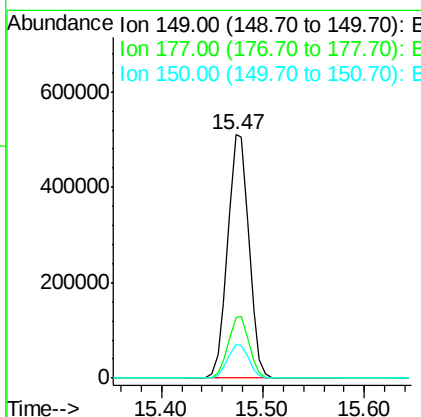
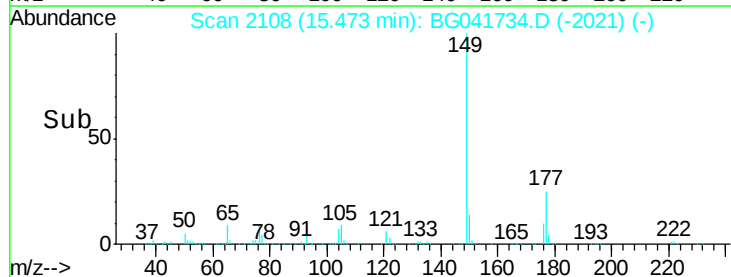
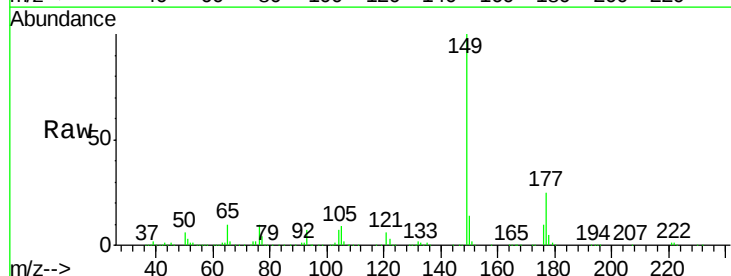
Manual Integrations
APPROVED

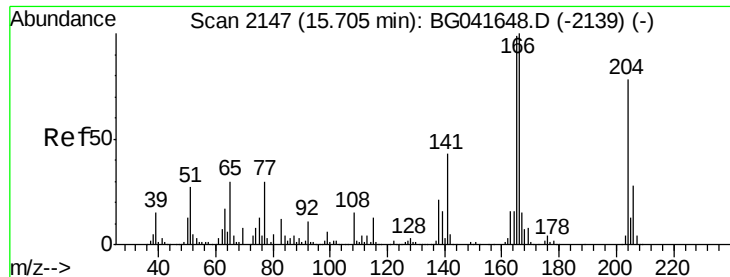
mohammad
7/22/2019 10:00:51 AM



#60
Diethylphthalate
Concen: 31.947 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		742814		
177	24.8	20.7	31.1		
150	13.9	11.5	17.3		





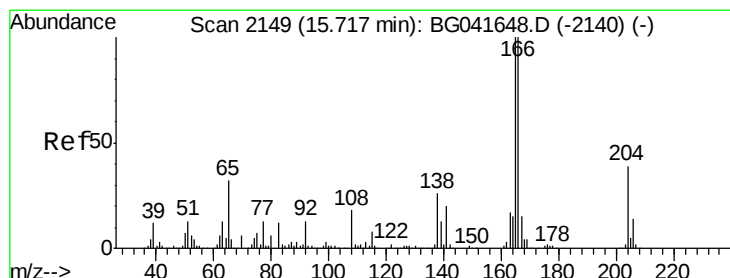
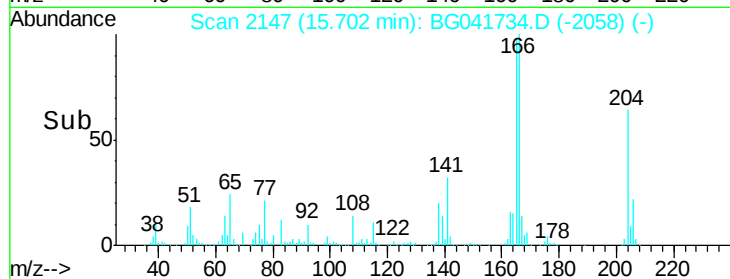
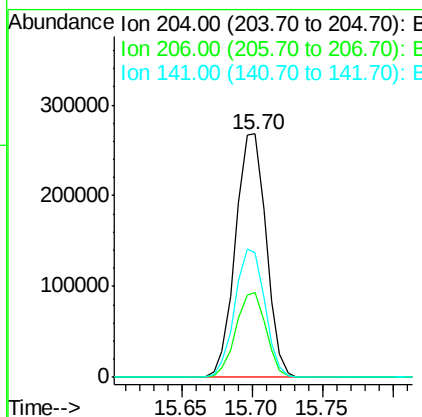
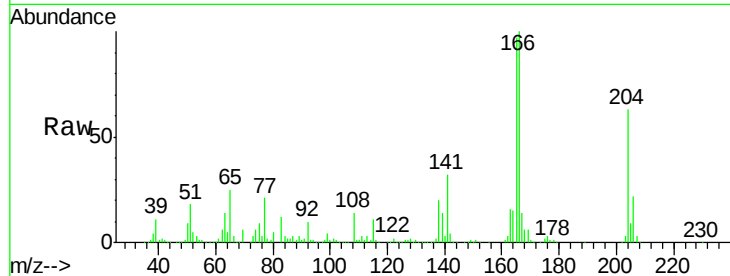
#61
 4-Chlorophenyl-phenylether
 Concen: 32.606 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	406239		
206	34.7	28.6	42.8	
141	51.0	42.9	64.3	

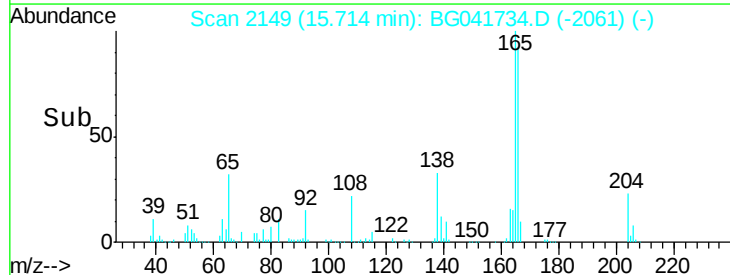
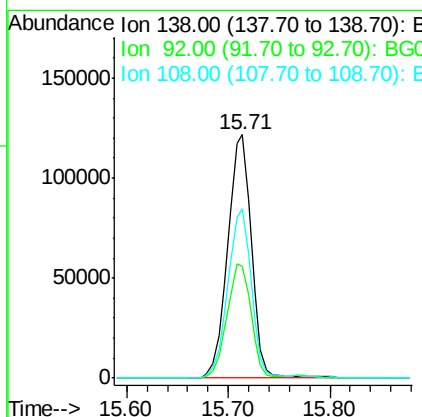
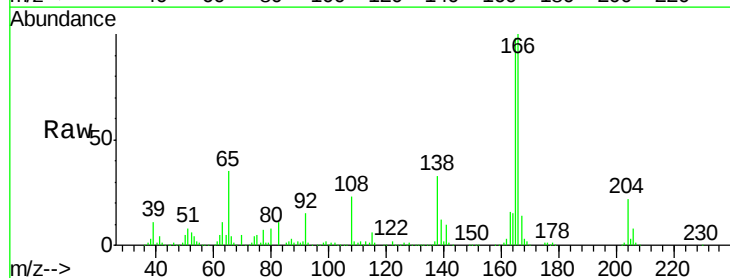
Manual Integrations
 APPROVED

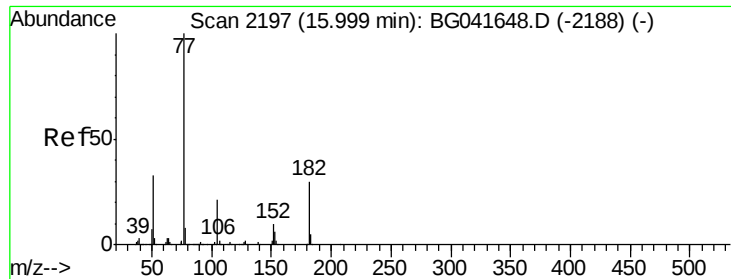
mohammad
 7/22/2019 10:00:51 AM



#62
 4-Nitroaniline
 Concen: 34.807 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	197284		
92	46.0	29.8	69.8	
108	69.3	52.2	92.2	





#63

Azobenzene

Concen: 30.860 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

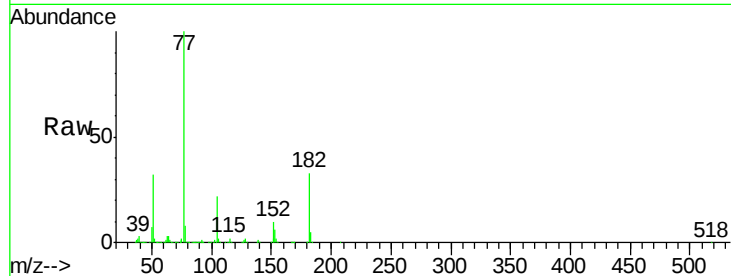
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	77	Resp:	648720
Ion Ratio	Lower	Upper	
77	100		
182	33.1	13.2	53.2
105	21.5	2.2	42.2
51	31.6	14.6	54.6

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM

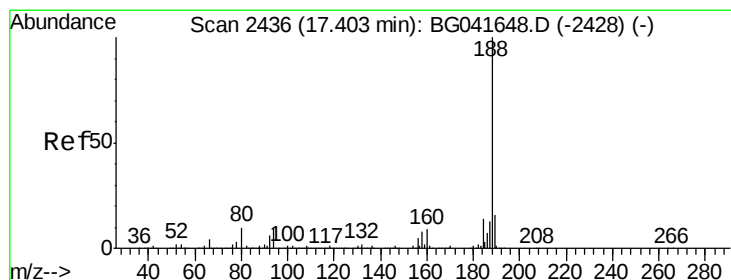
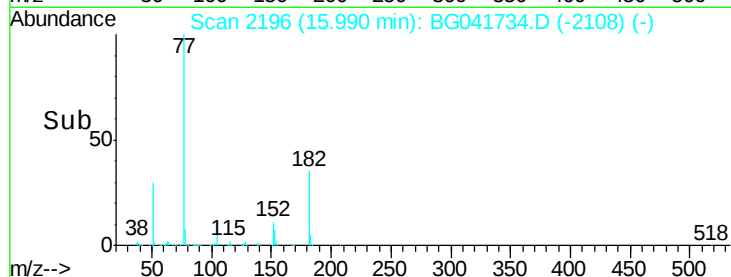
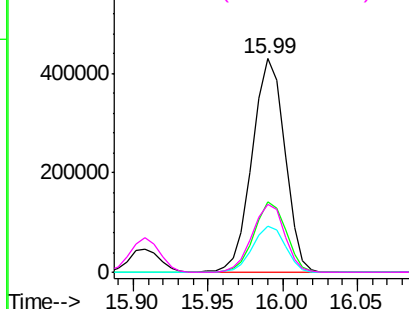


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

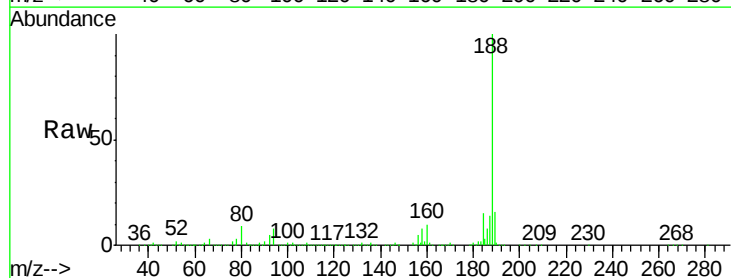
RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

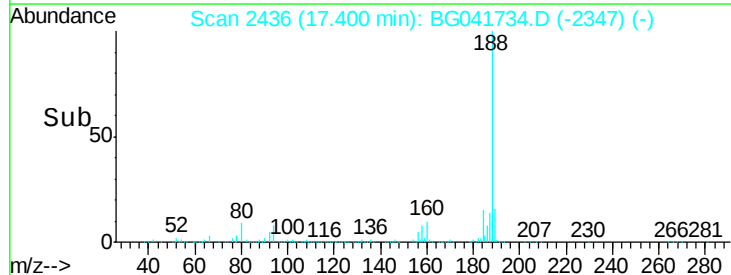
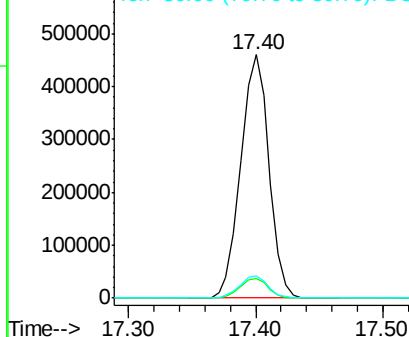
Tgt Ion:	188	Resp:	709284
Ion Ratio	Lower	Upper	
188	100		
94	7.9	6.9	10.3
80	9.0	8.0	12.0

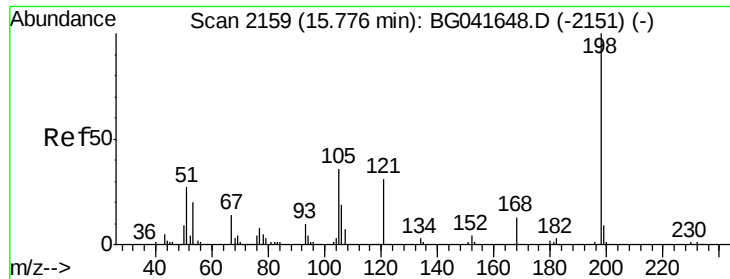


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 32.165 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

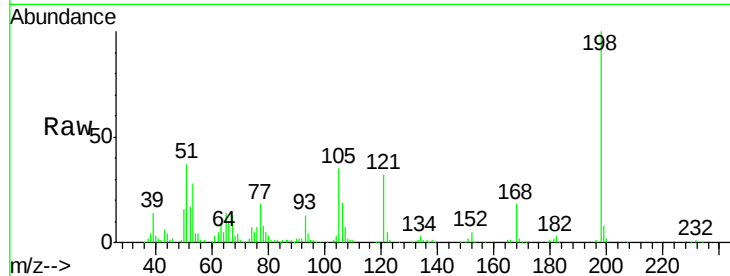
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	198	Resp:	99692
Ion Ratio	Lower	Upper	
198	100		
51	36.6	22.3	62.3
105	35.5	18.0	58.0

Manual Integrations
APPROVED

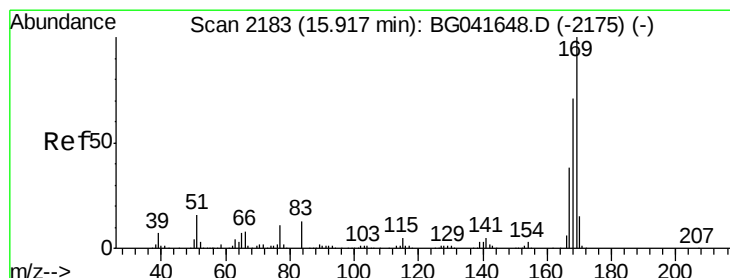
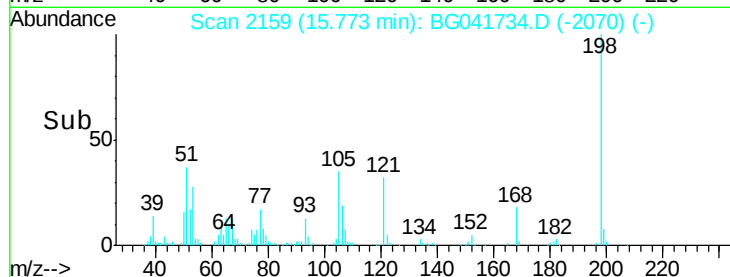
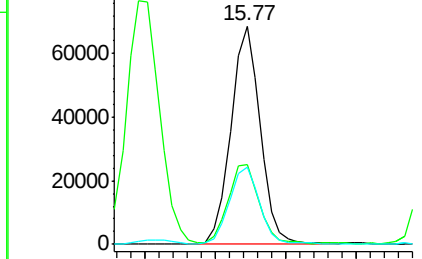
mohammad
7/22/2019 10:00:51 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.834 ng

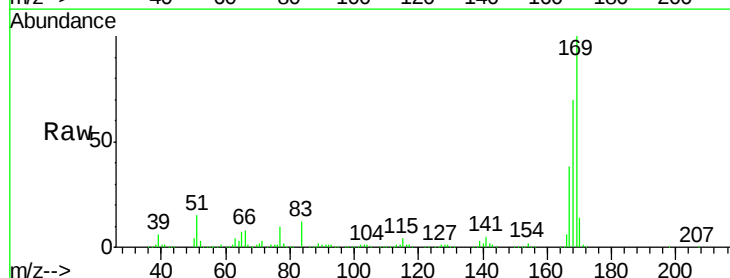
RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

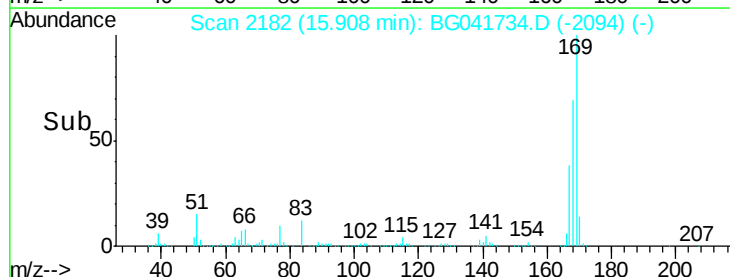
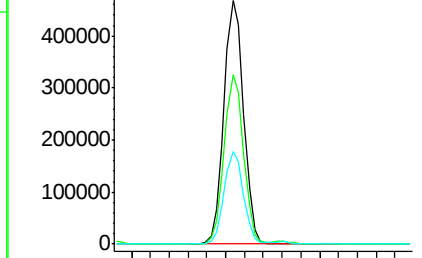
Tgt Ion:	169	Resp:	683912
Ion Ratio	Lower	Upper	
169	100		
168	69.5	56.9	85.3
167	38.3	31.5	47.3

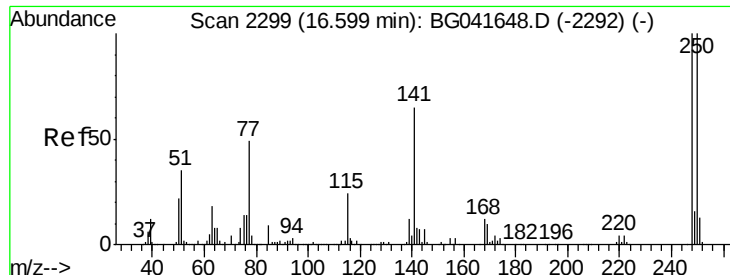


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





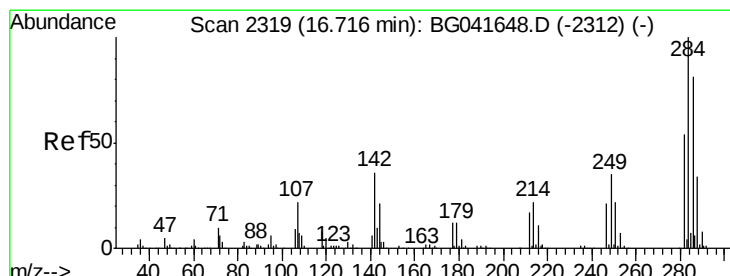
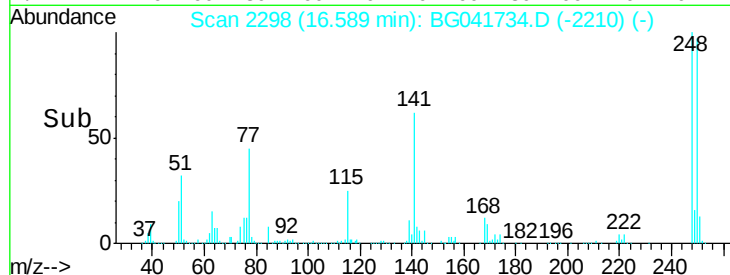
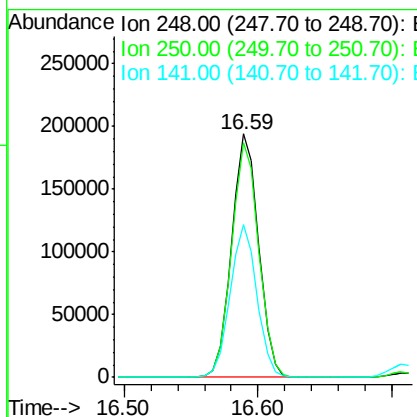
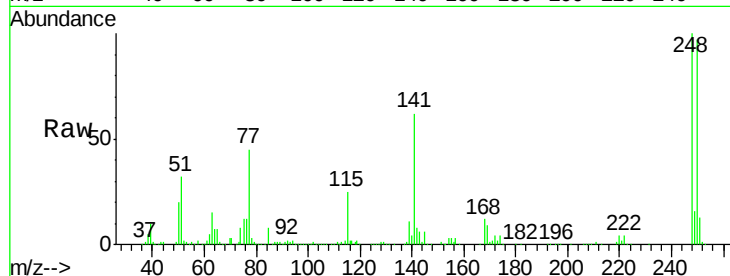
#67
 4-Bromophenyl-phenylether
 Concen: 32.318 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	248	Resp:	272751
Ion Ratio	Lower	Upper	
248	100		
250	96.5	78.1	117.1
141	62.5	49.6	74.4

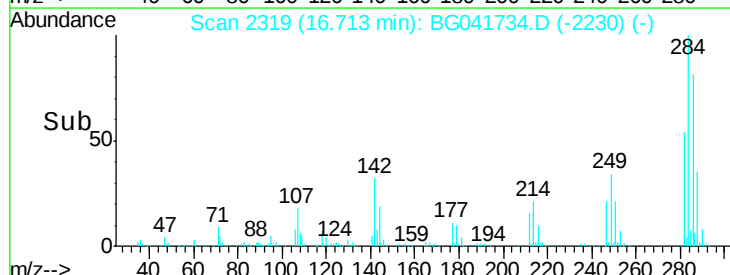
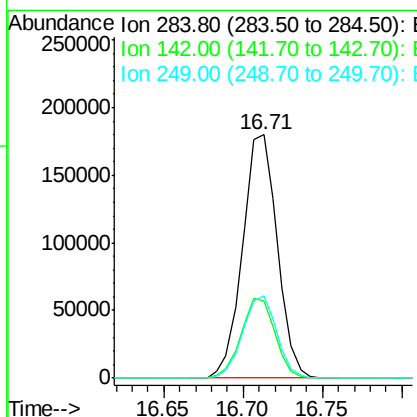
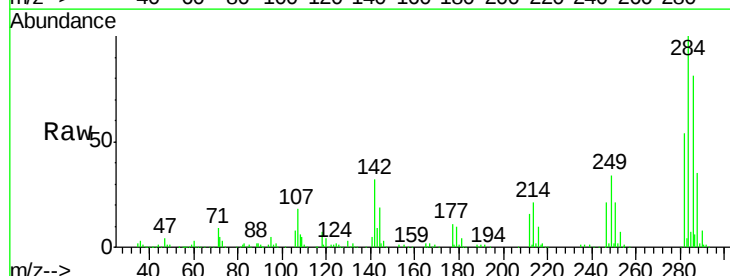
Manual Integrations
 APPROVED

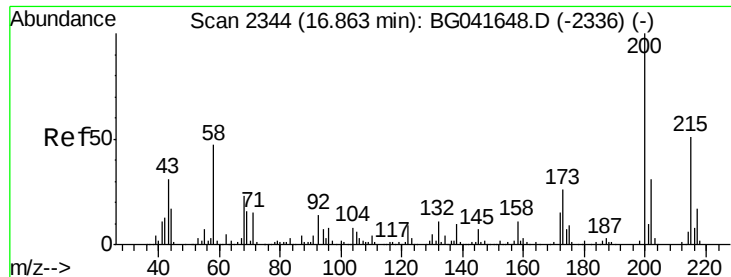
mohammad
 7/22/2019 10:00:51 AM



#68
 Hexachlorobenzene
 Concen: 32.080 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion:	284	Resp:	272637
Ion Ratio	Lower	Upper	
284	100		
142	31.8	27.0	40.6
249	33.7	28.4	42.6





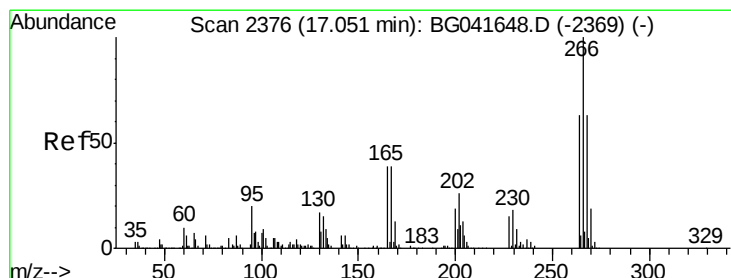
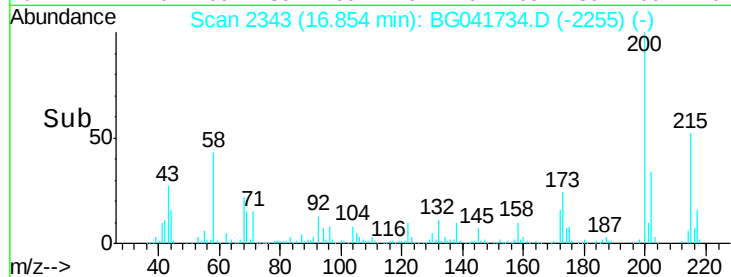
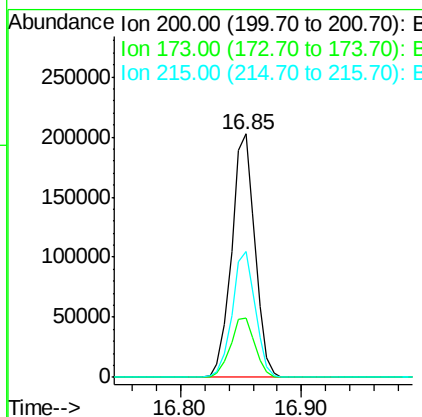
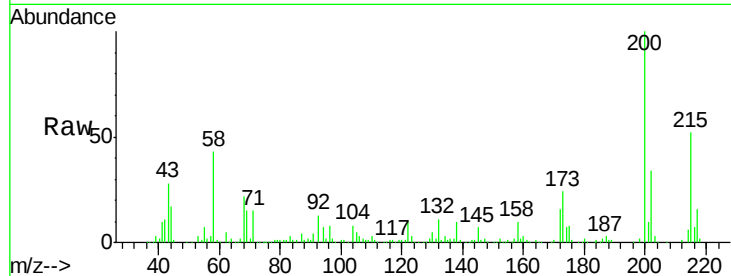
#69
Atrazine
Concen: 35.967 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	5.3	45.3
215	51.5	31.8	71.8

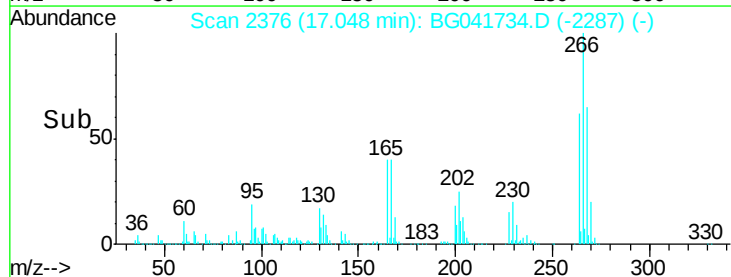
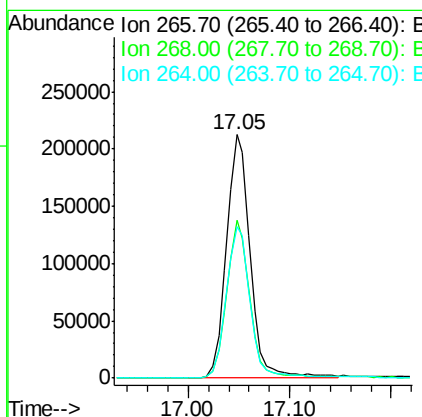
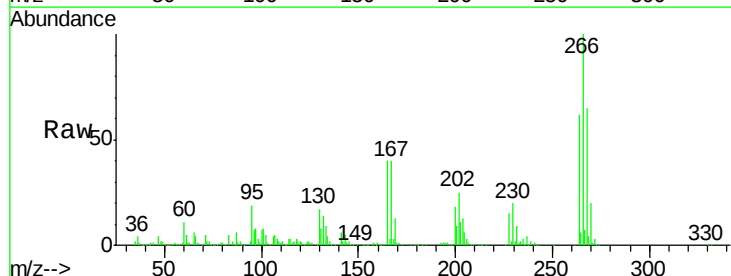
Manual Integrations
APPROVED

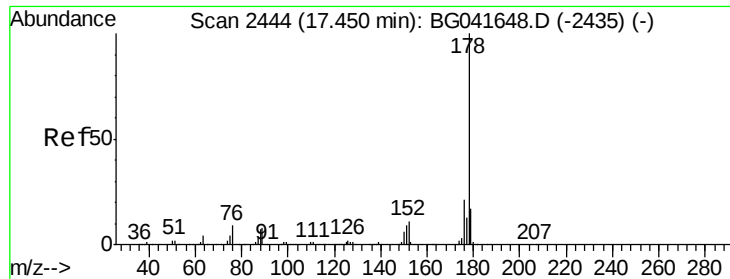
mohammad
7/22/2019 10:00:51 AM



#70
Pentachlorophenol
Concen: 64.959 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	52.9	79.3
264	62.0	51.4	77.2





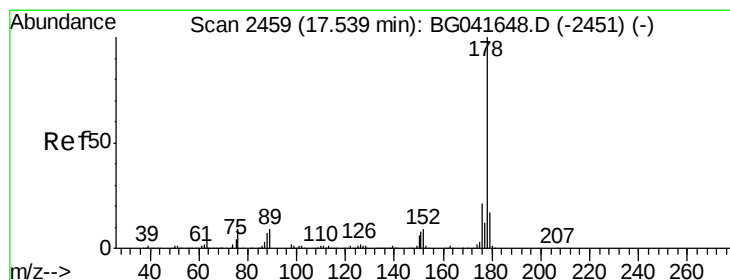
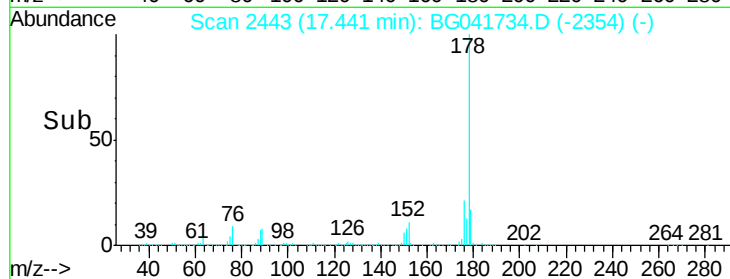
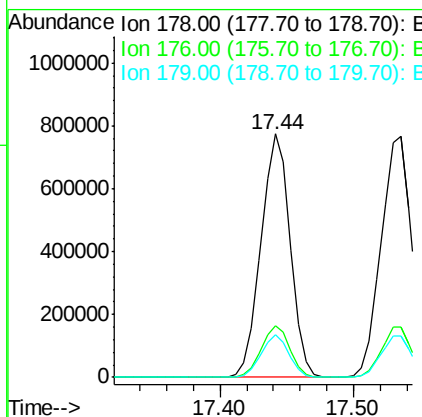
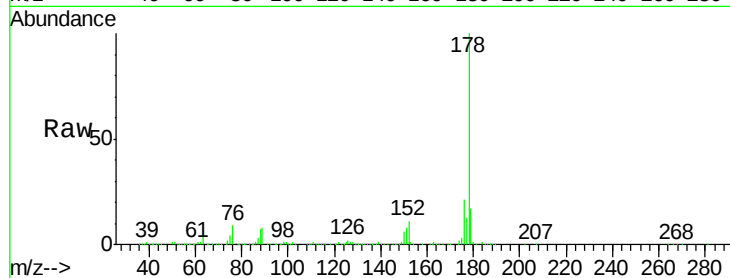
#71
Phenanthrene
Concen: 32.795 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:178 Resp: 1171419
Ion Ratio Lower Upper
178 100
176 21.0 18.6 28.0
179 17.4 15.4 23.0

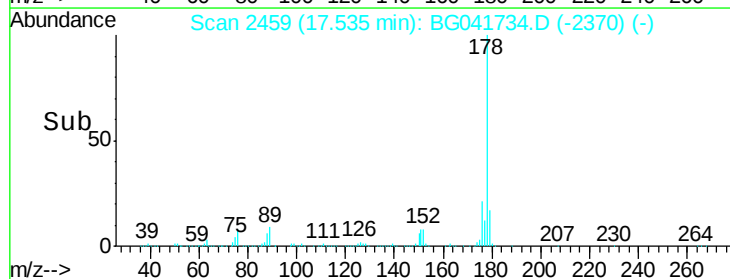
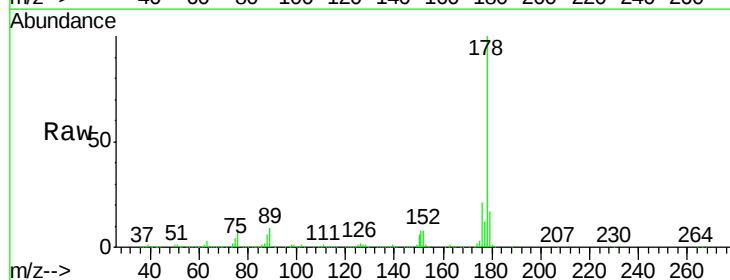
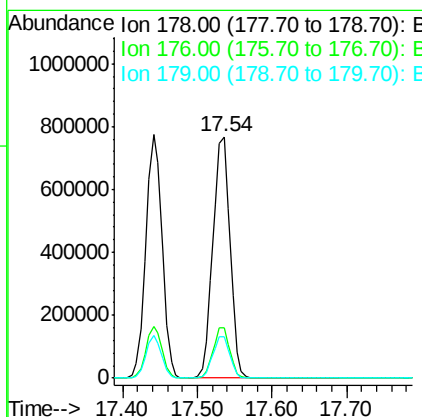
Manual Integrations
APPROVED

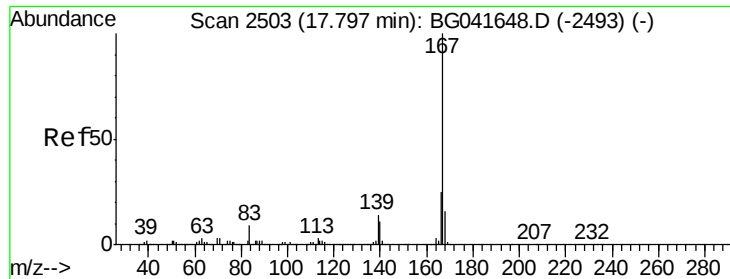
mohammad
7/22/2019 10:00:51 AM



#72
Anthracene
Concen: 34.159 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:178 Resp: 1216248
Ion Ratio Lower Upper
178 100
176 21.1 18.6 28.0
179 17.3 15.1 22.7





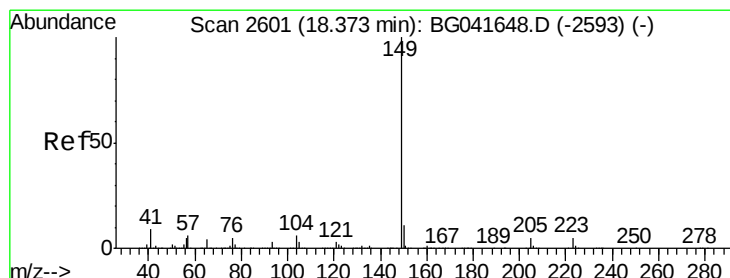
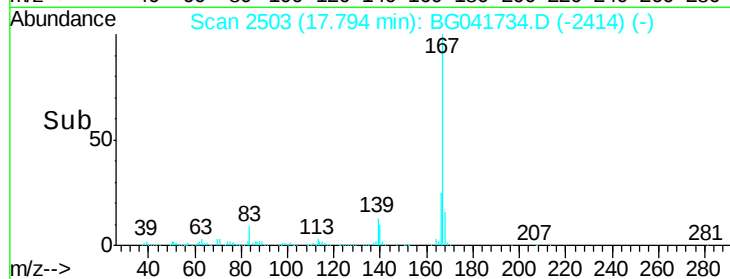
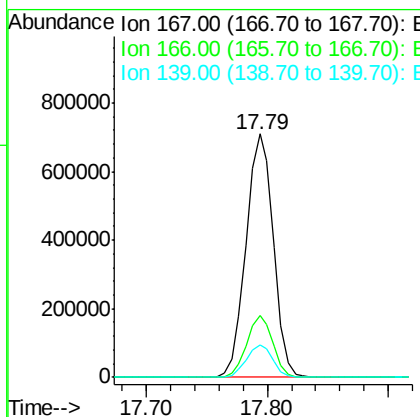
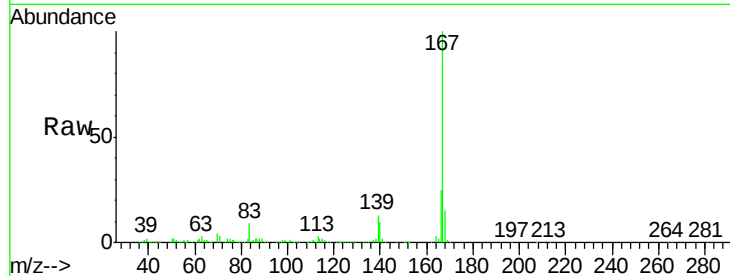
#73
 Carbazole
 Concen: 33.905 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.2	21.4	32.2
139	13.2	12.1	18.1

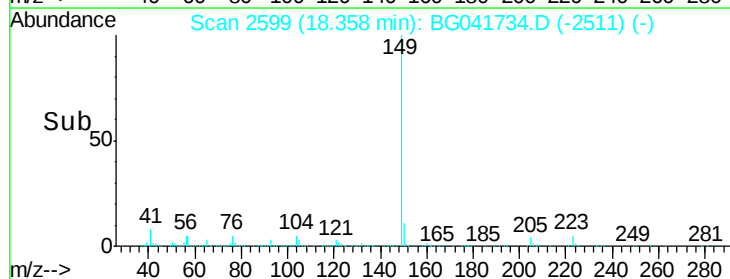
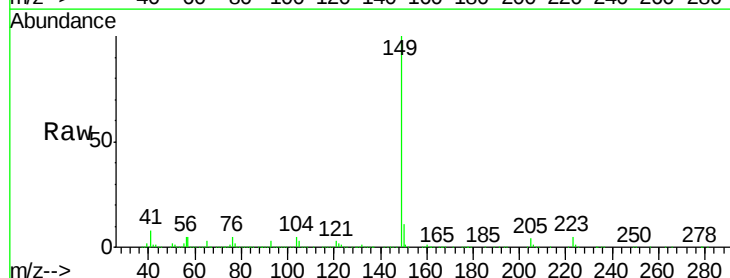
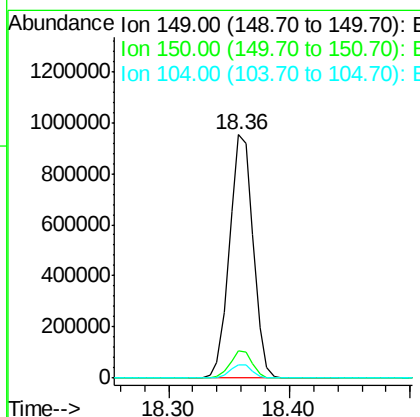
Manual Integrations
 APPROVED

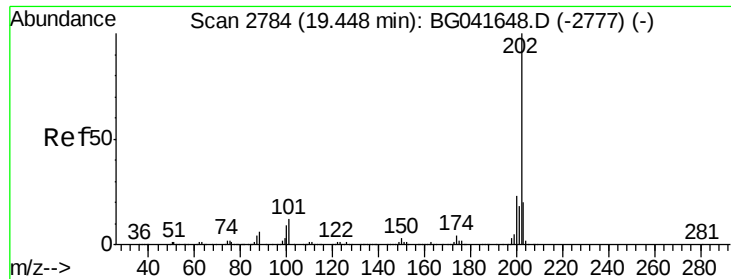
mohammad
 7/22/2019 10:00:51 AM



#74
 Di-n-butylphthalate
 Concen: 32.154 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	10.2	15.2
104	5.4	5.3	7.9





#75

Fluoranthene

Concen: 33.519 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

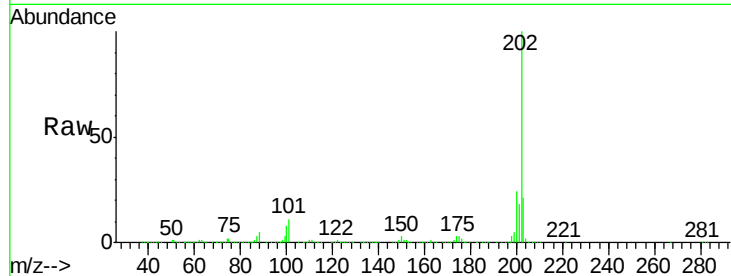
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

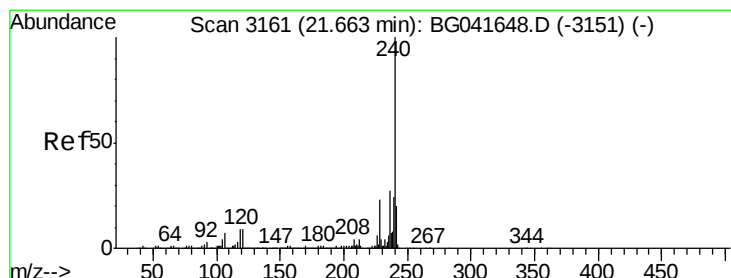
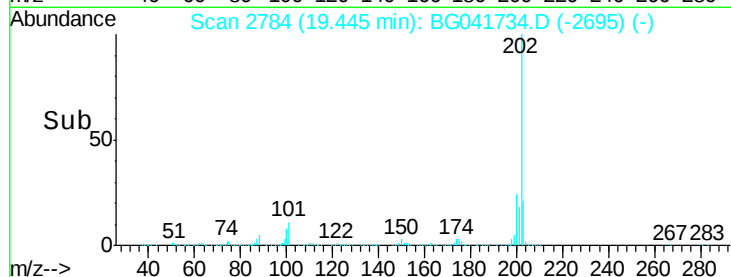
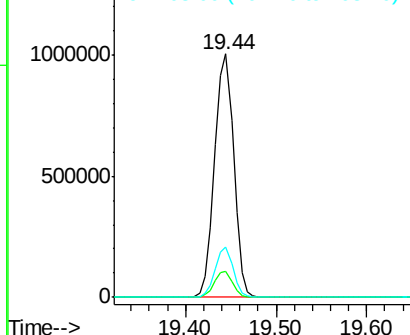
Tot Ion:	202	Resp:	1470166
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.8
203	20.6	3.7	43.7

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

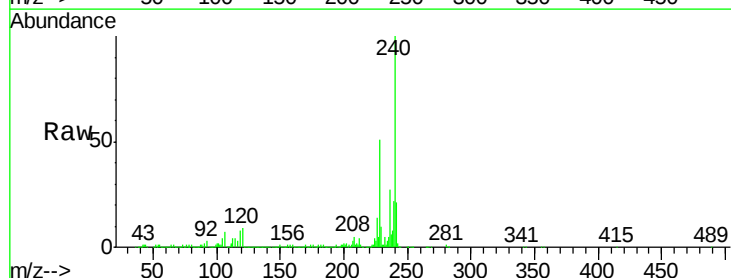
RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

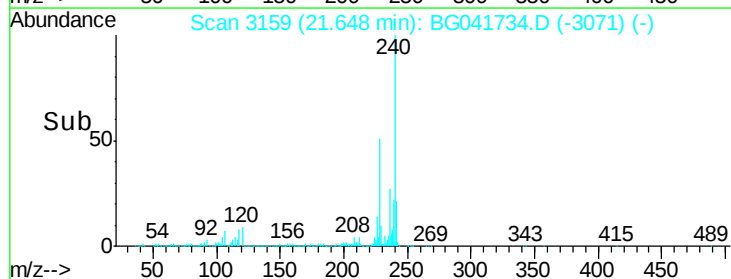
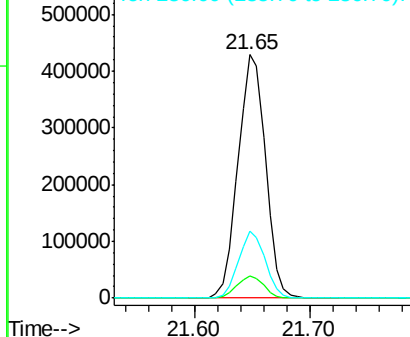
Lab File: BG041734.D

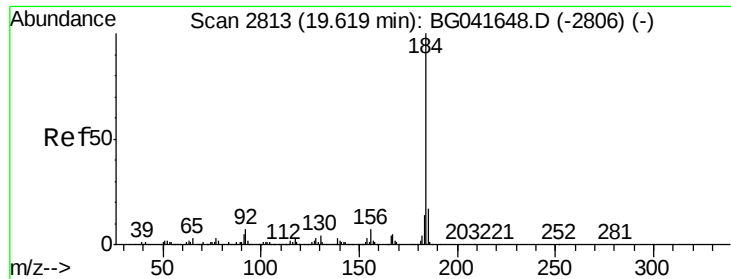
Acq: 19 Jul 2019 14:24

Tgt Ion:	240	Resp:	706681
Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.0	12.0
236	27.4	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: 19.076 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

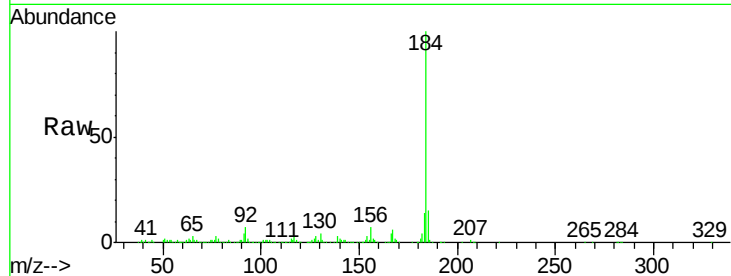
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

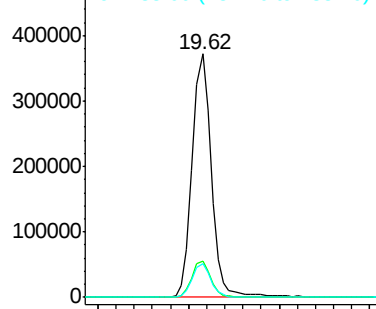
Tot Ion:	184	Resp:	549871
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.0	19.4
183	13.8	11.8	17.6

Manual Integrations
APPROVED

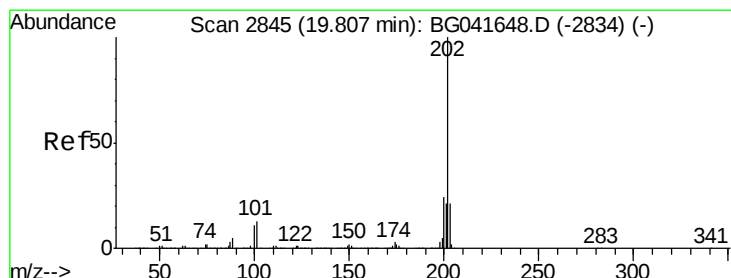
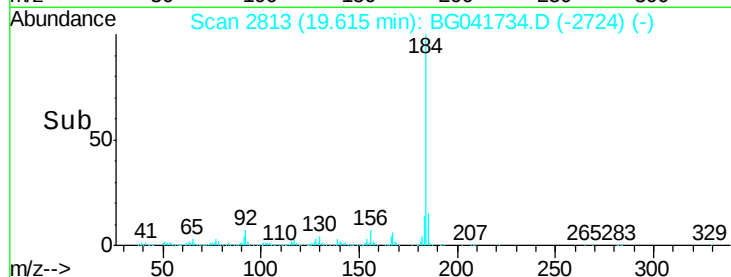
mohammad
7/22/2019 10:00:51 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time--> 19.50 19.60 19.70



#78

Pyrene

Concen: 30.812 ng

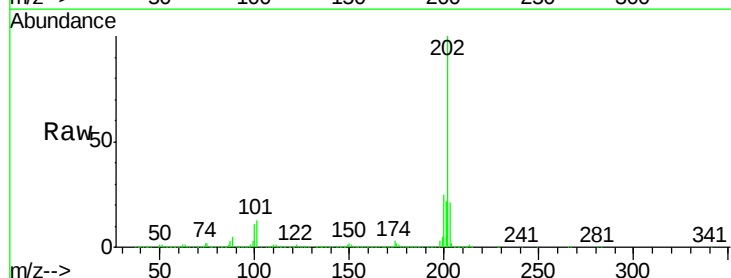
RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

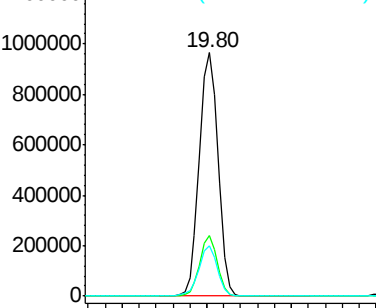
Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

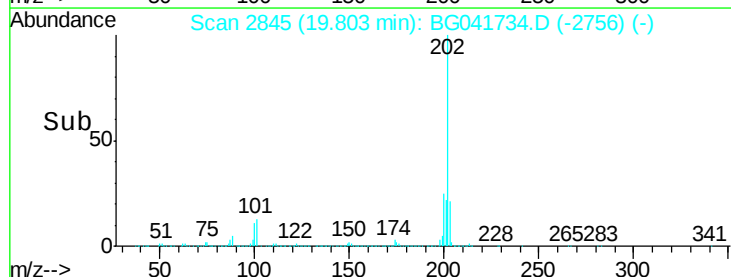
Tgt Ion:	202	Resp:	1472671
Ion Ratio	Lower	Upper	
202	100		
200	24.7	22.2	33.2
203	20.6	18.9	28.3

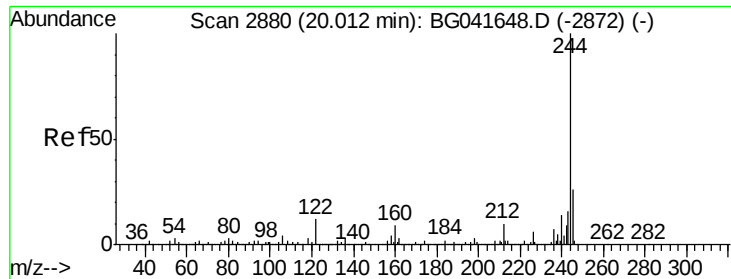


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.70 19.80 19.90





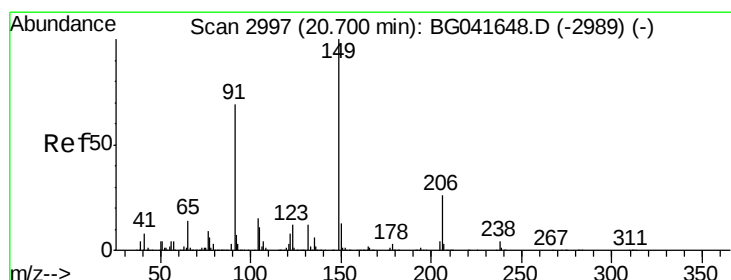
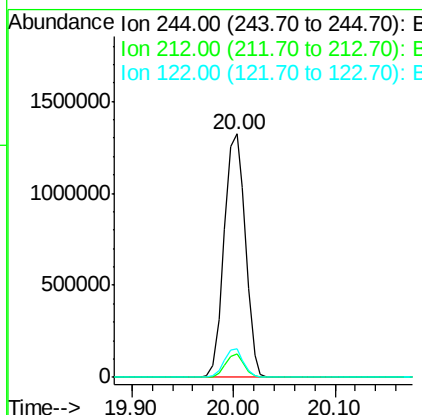
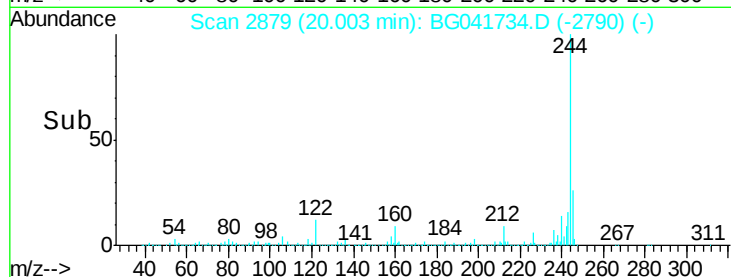
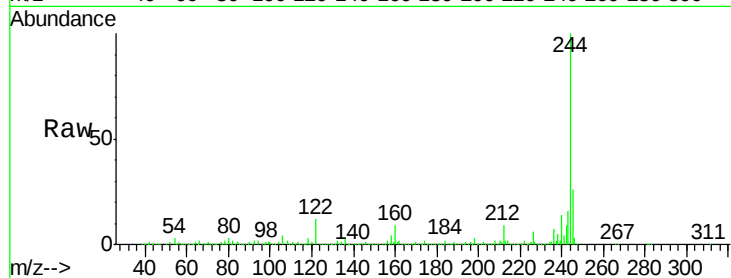
#79
 Terphenyl-d14
 Concen: 63.478 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:244 Resp: 1919588
 Ion Ratio Lower Upper
 244 100
 212 9.4 9.7 14.5#
 122 11.5 12.5 18.7#

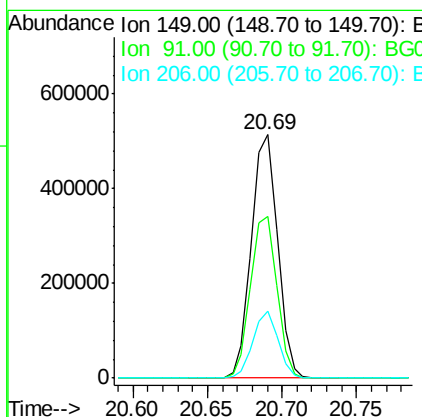
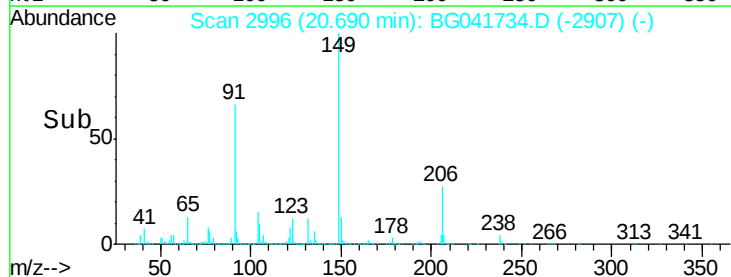
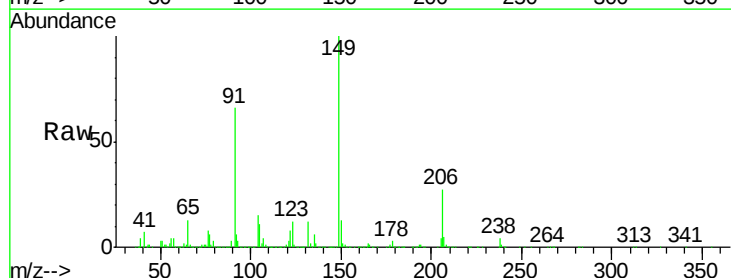
Manual Integrations
 APPROVED

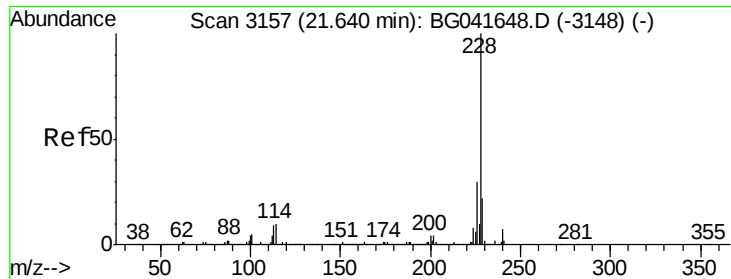
mohammad
 7/22/2019 10:00:51 AM



#80
 Butylbenzylphthalate
 Concen: 31.360 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BG041734.D
 Acq: 19 Jul 2019 14:24

Tgt Ion:149 Resp: 622829
 Ion Ratio Lower Upper
 149 100
 91 66.5 58.9 88.3
 206 27.4 20.8 31.2





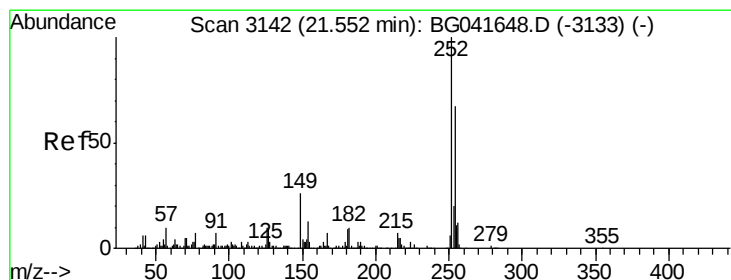
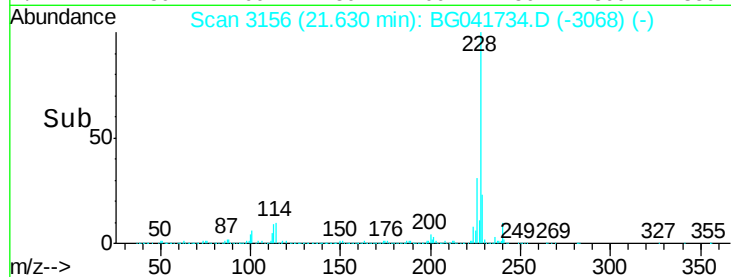
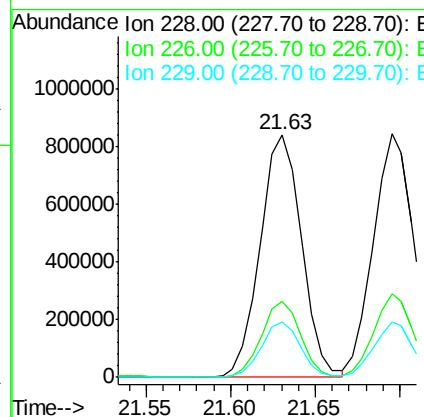
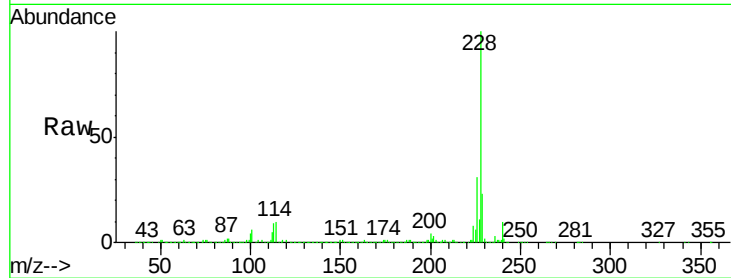
#81
Benzo(a)anthracene
Concen: 31.409 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	27.3	40.9
229	23.1	19.7	29.5

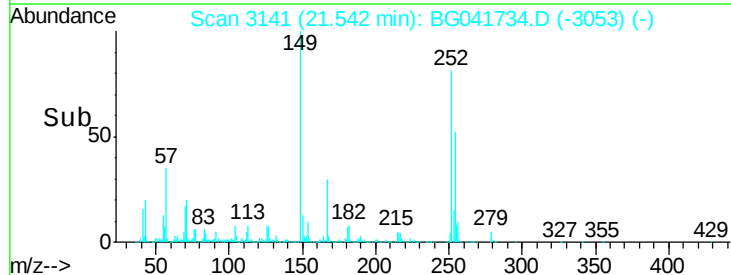
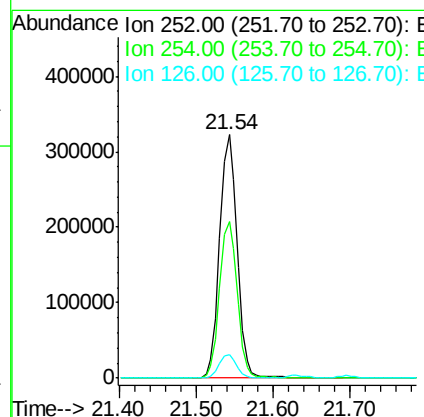
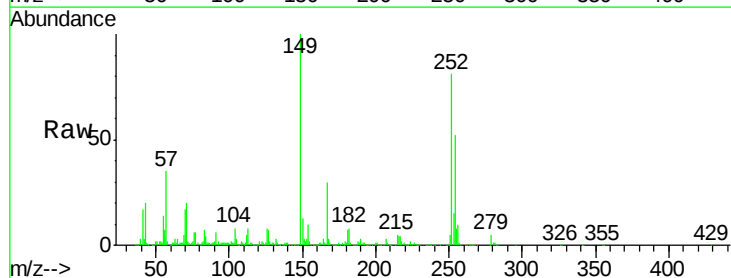
Manual Integrations
APPROVED

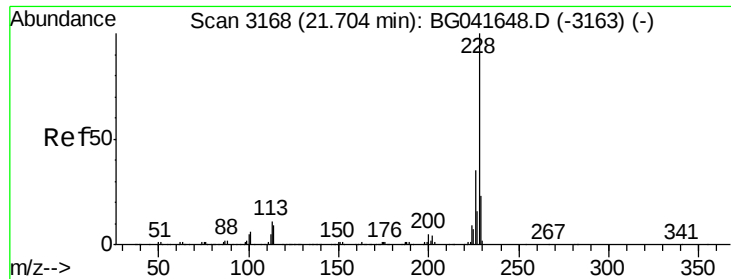
mohammad
7/22/2019 10:00:51 AM



#82
3,3'-Dichlorobenzidine
Concen: 28.163 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	53.8	80.6
126	9.8	7.8	11.8





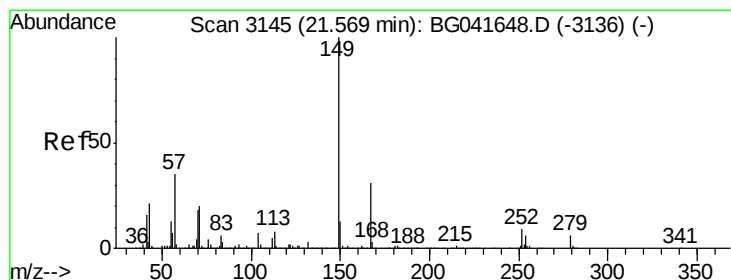
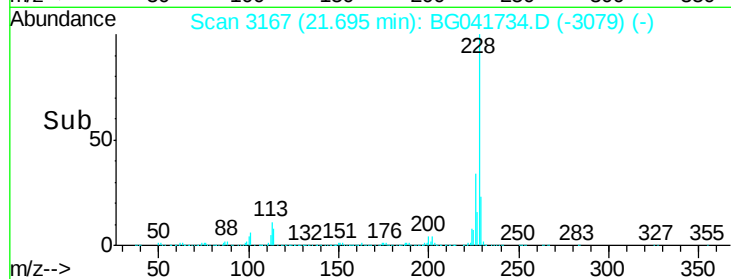
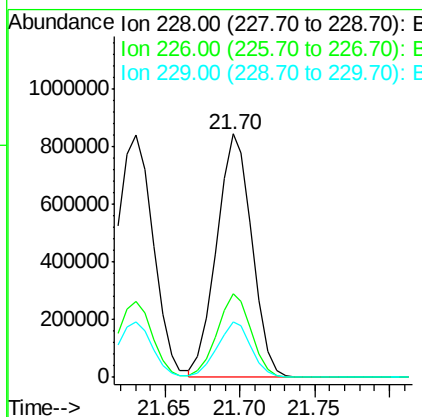
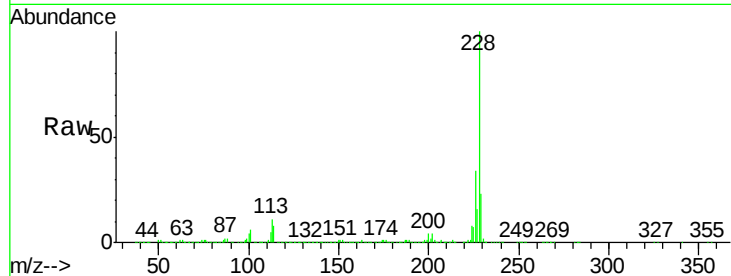
#83
Chrysene
Concen: 31.873 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:228 Resp: 1390604
Ion Ratio Lower Upper
228 100
226 34.5 30.1 45.1
229 22.8 19.8 29.6

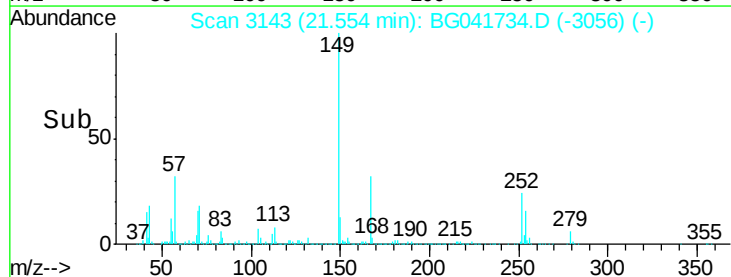
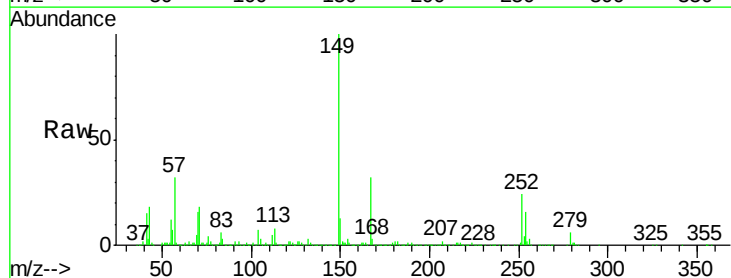
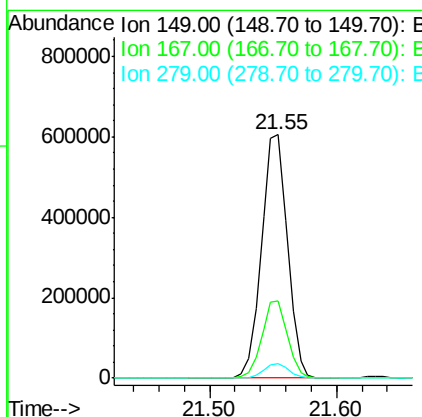
Manual Integrations
APPROVED

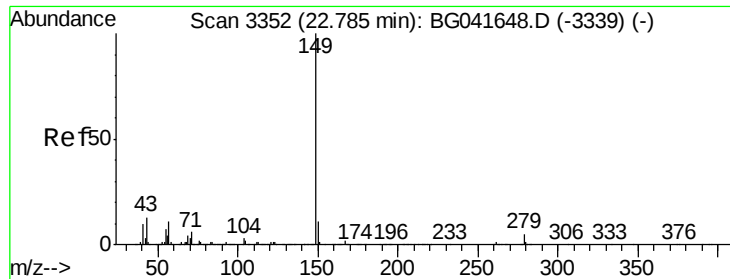
mohammad
7/22/2019 10:00:51 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 30.844 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion:149 Resp: 864929
Ion Ratio Lower Upper
149 100
167 31.9 27.0 40.4
279 6.0 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 31.672 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.03 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:149 Resp: 1512482

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

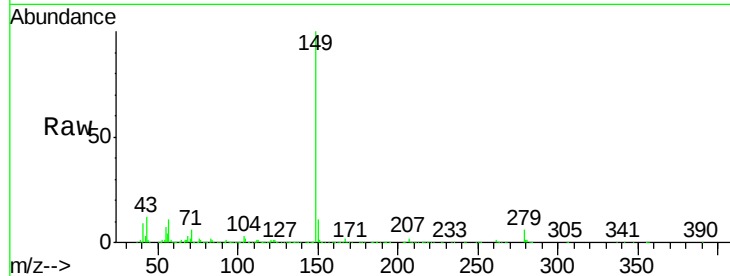
43 11.1 10.6 16.0

Manual Integrations

APPROVED

mohammad

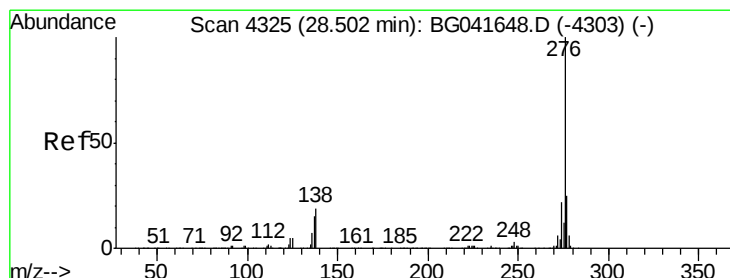
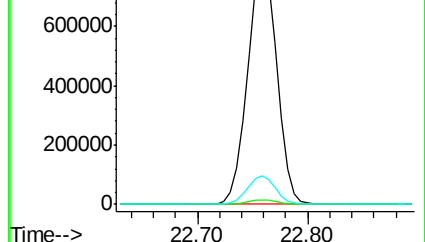
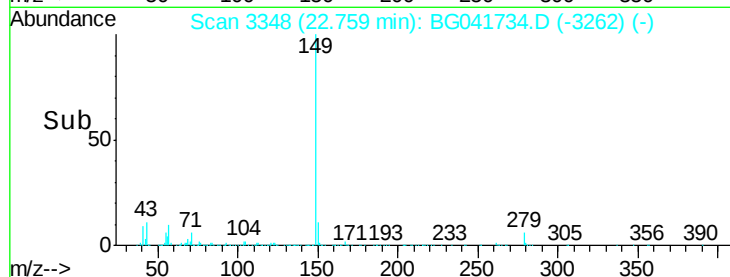
7/22/2019 10:00:51 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.365 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.04 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

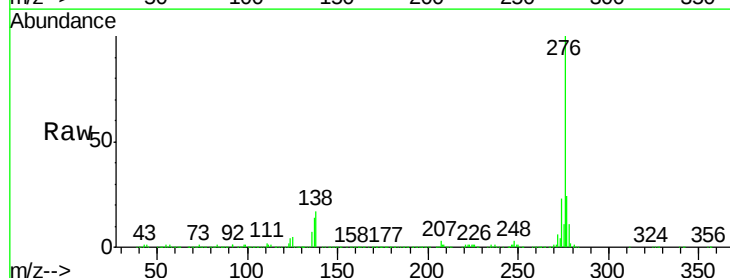
Tgt Ion:276 Resp: 1805587

Ion Ratio Lower Upper

276 100

138 22.6 19.4 29.0

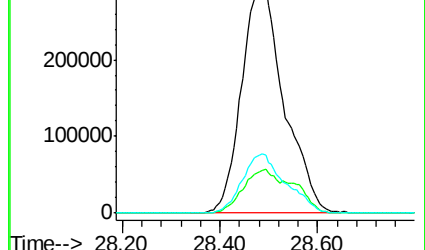
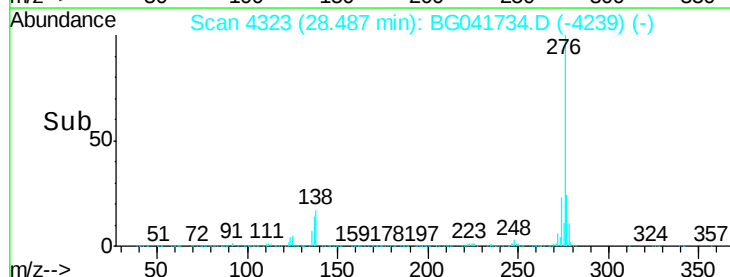
277 26.3 21.2 31.8

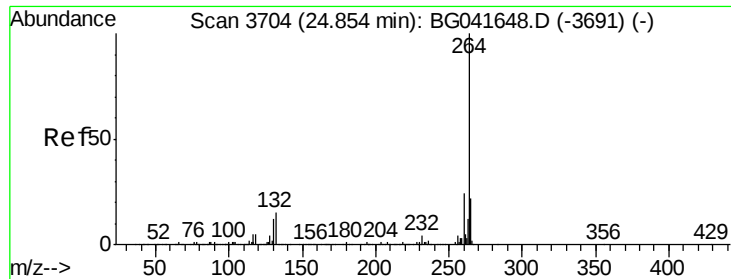


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.03 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

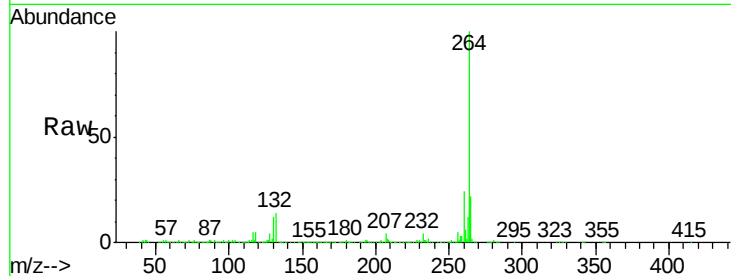
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

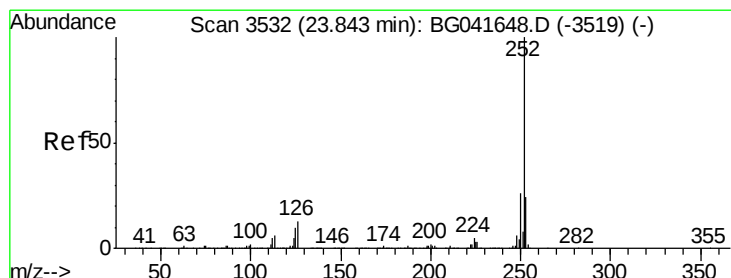
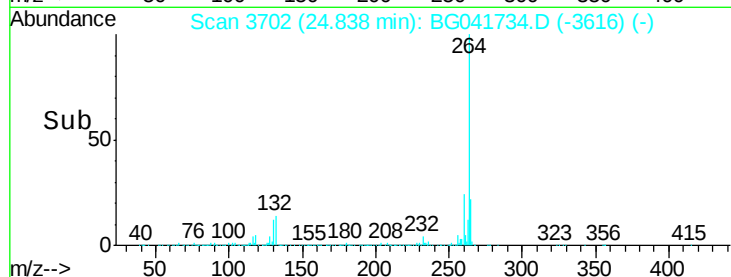
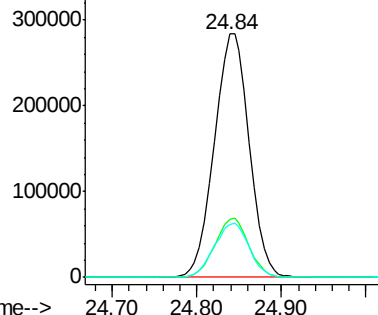
Tot Ion:	264	Resp:	814501
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	21.9	18.0	27.0

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 31.458 ng

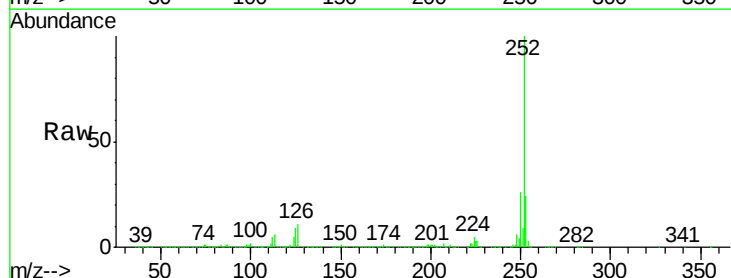
RT: 23.83 min Scan# 3531

Delta R.T. -0.02 min

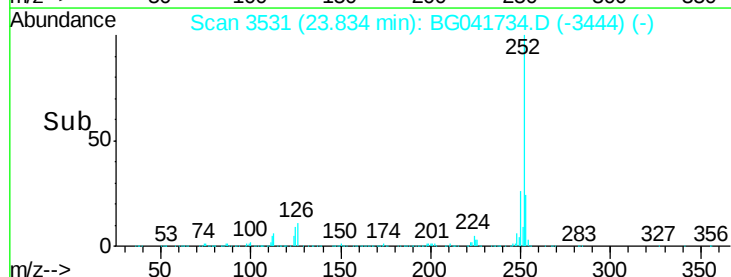
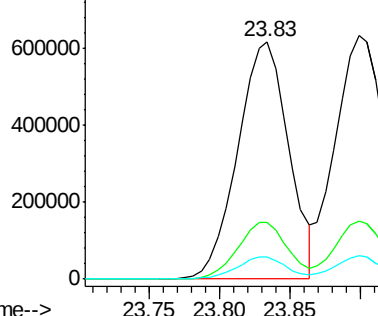
Lab File: BG041734.D

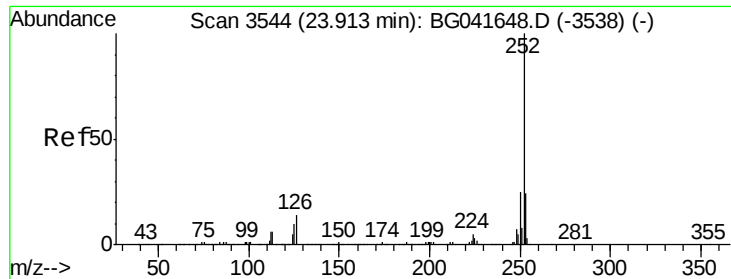
Acq: 19 Jul 2019 14:24

Tgt Ion:	252	Resp:	1554191
Ion Ratio	Lower	Upper	
252	100		
253	24.1	20.6	30.8
125	9.1	8.0	12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 33.555 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.02 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:252 Resp: 1536154

Ion Ratio Lower Upper

252 100

253 24.0 20.5 30.7

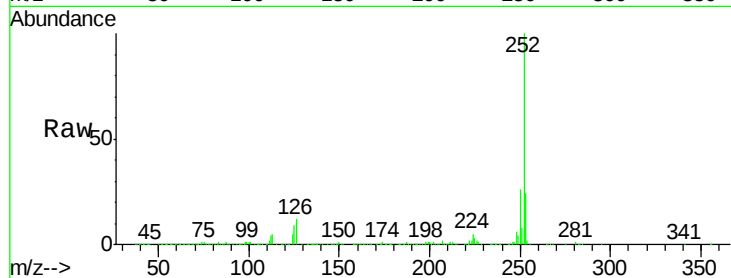
125 9.5 8.4 12.6

Manual Integrations

APPROVED

mohammad

7/22/2019 10:00:51 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.90

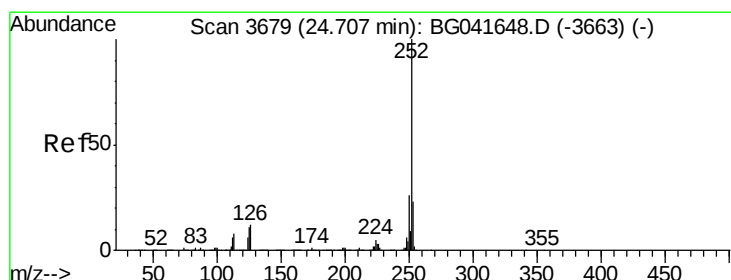
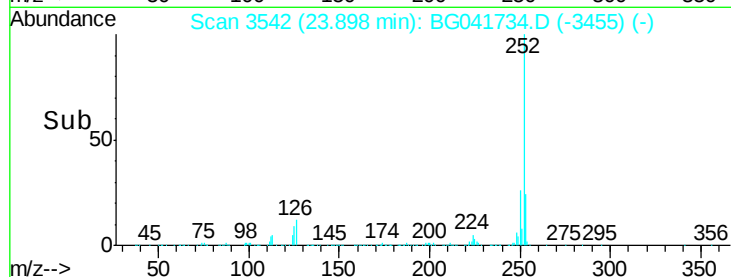
200000

400000

600000

800000

Time-->



#90

Benzo(a)pyrene

Concen: 33.005 ng

RT: 24.69 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG041734.D

Acq: 19 Jul 2019 14:24

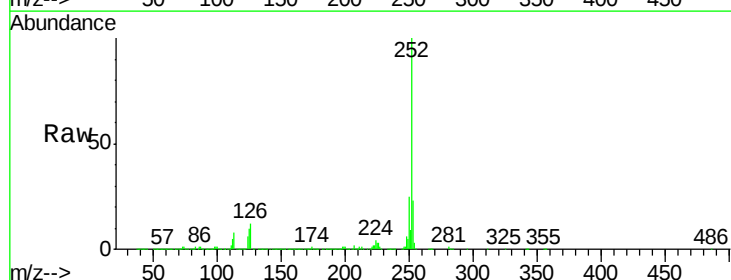
Tgt Ion:252 Resp: 1542790

Ion Ratio Lower Upper

252 100

253 23.5 19.8 29.8

125 10.0 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

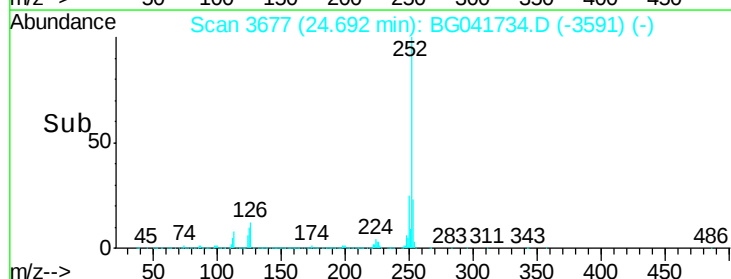
24.69

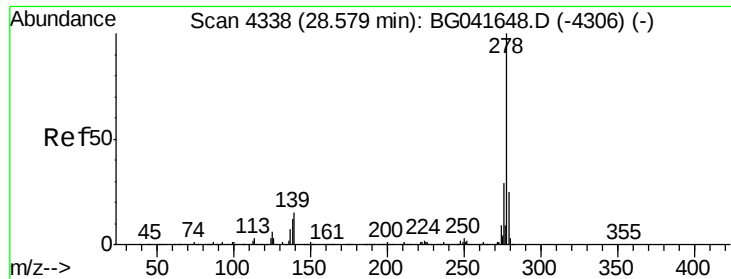
200000

400000

600000

Time-->





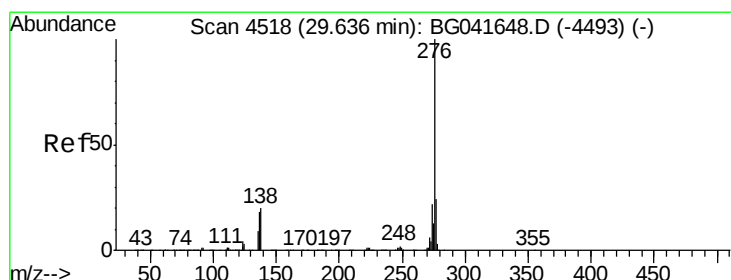
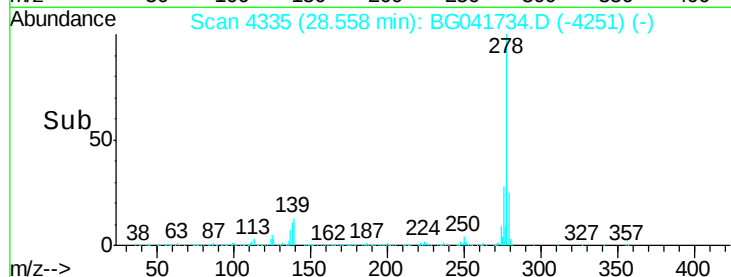
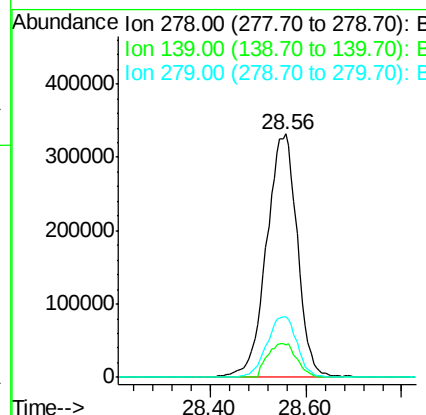
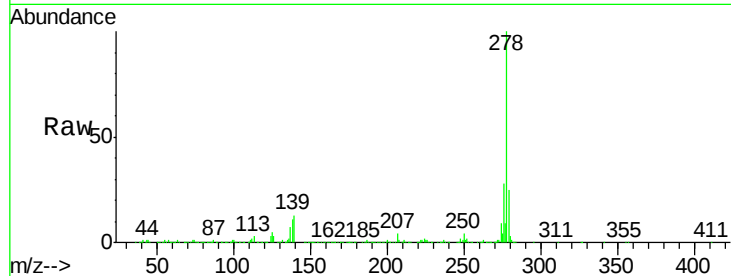
#91
Dibenzo(a,h)anthracene
Concen: 32.560 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.04 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	12.6	19.0
279	24.9	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:51 AM



#92
Benzo(g,h,i)perylene
Concen: 32.635 ng
RT: 29.62 min Scan# 4515
Delta R.T. -0.05 min
Lab File: BG041734.D
Acq: 19 Jul 2019 14:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.8	29.8
138	19.1	16.6	25.0

