

#1

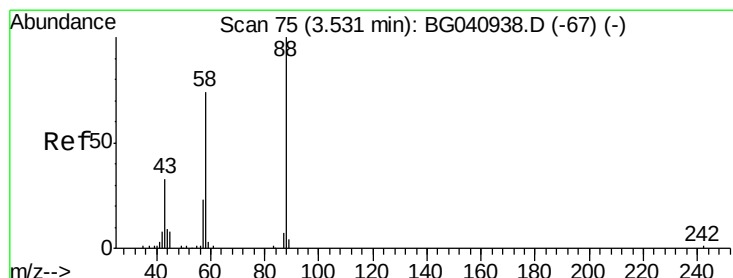
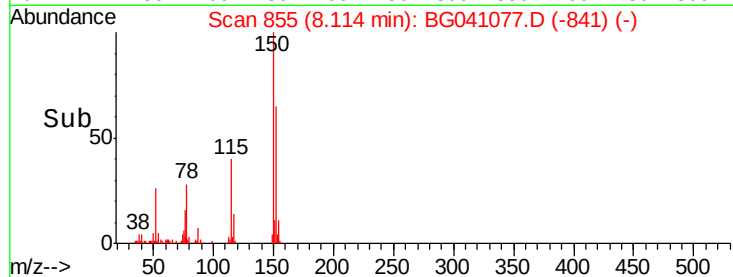
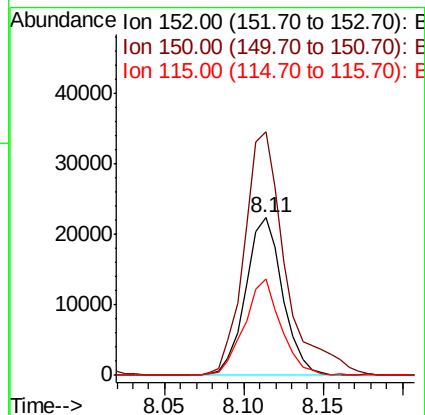
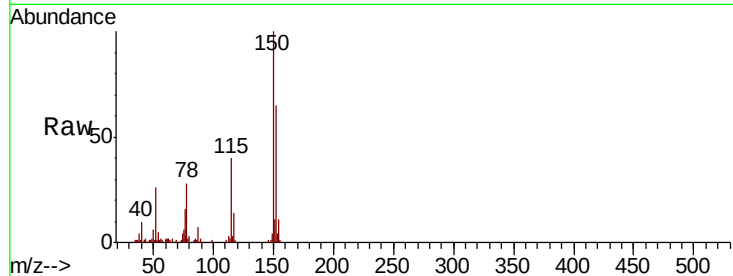
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	120.6	180.8
115	61.5	45.1	67.7

Manual Integrations
APPROVED

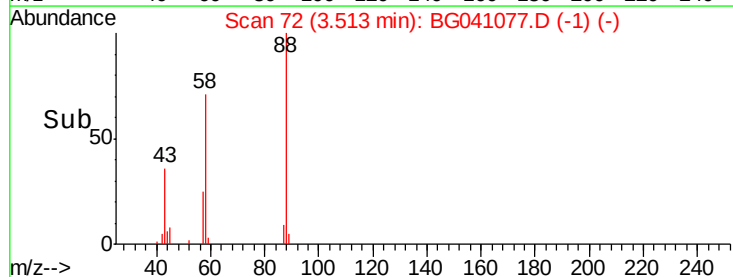
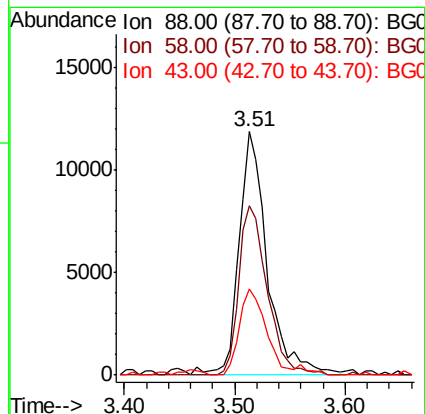
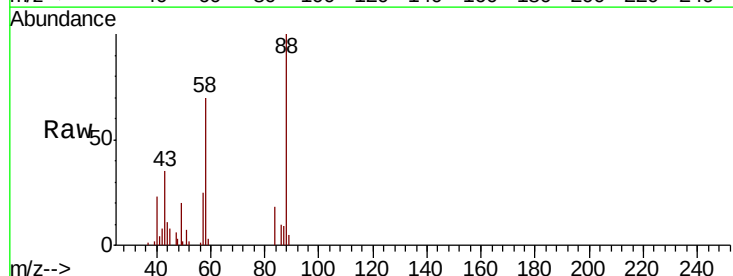
mohammad
6/6/2019 3:42:29 PM

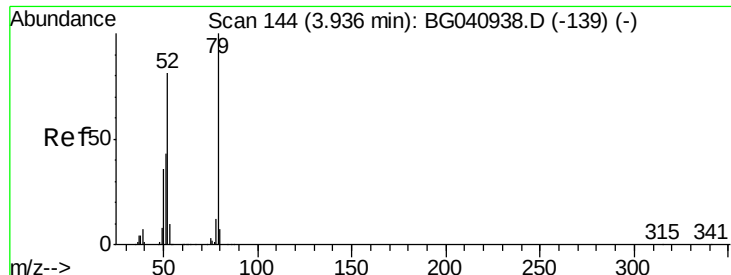


#2

1,4-Dioxane
Concen: 23.516 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	59.0	88.6
43	33.3	27.2	40.8





#3

Pvridine

Concen: 18.054 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

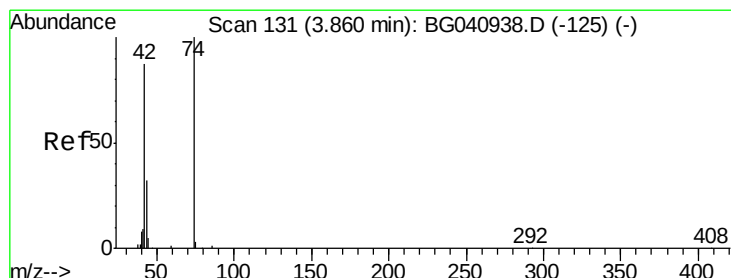
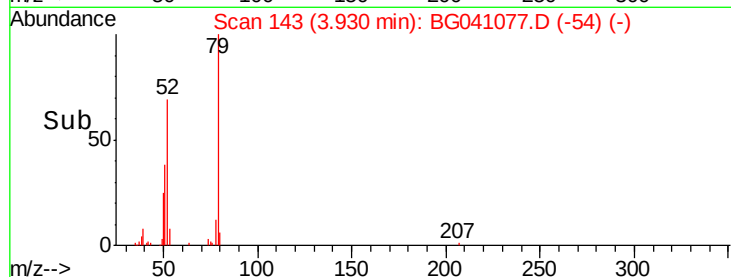
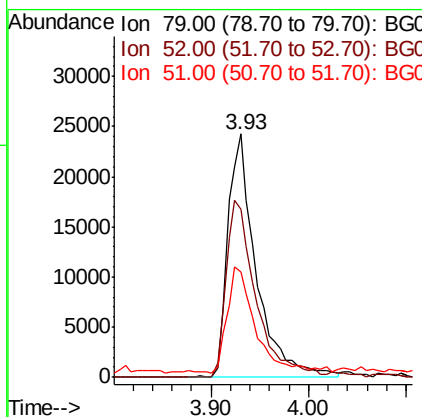
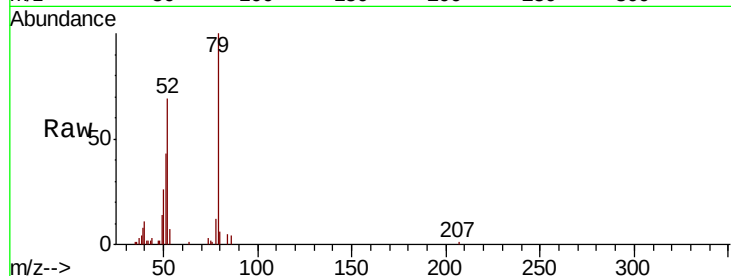
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	79	Resp:	48650
Ion Ratio	Lower	Upper	
79	100		
52	68.9	64.8	97.2
51	43.2	35.3	52.9

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



#4

n-Nitrosodimethylamine

Concen: 17.854 ng

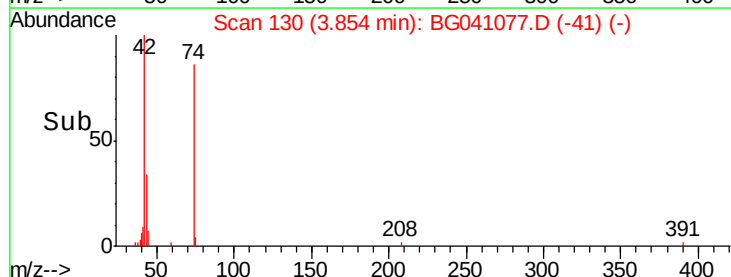
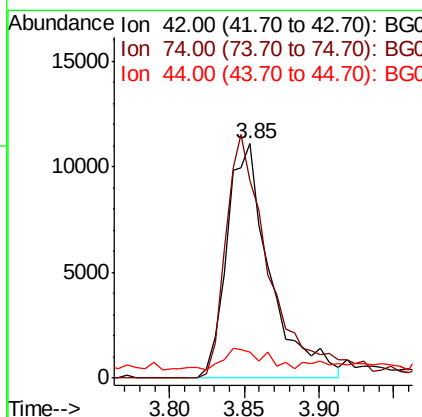
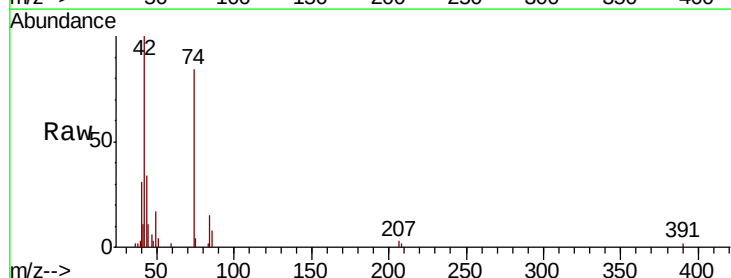
RT: 3.85 min Scan# 130

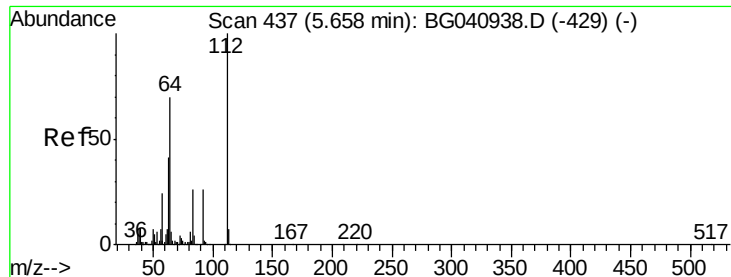
Delta R.T. -0.01 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion:	42	Resp:	22329
Ion Ratio	Lower	Upper	
42	100		
74	84.4	91.8	137.6#
44	11.1	6.0	9.0#





#5

2-Fluorophenol

Concen: 86.299 ng

RT: 5.65 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

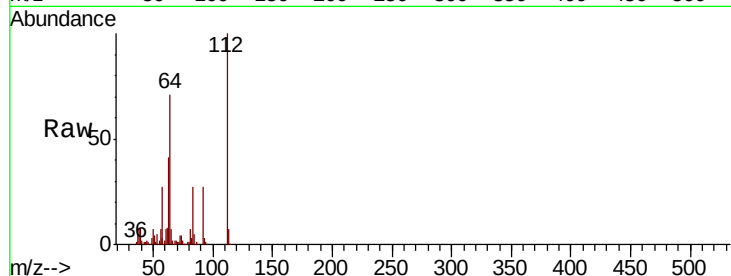
ClientSampleId :

LOQ-WATER-02-QT2-2019

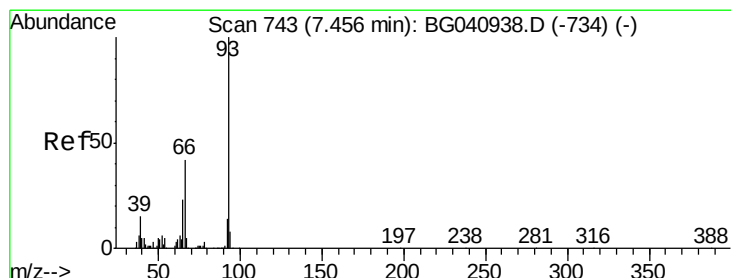
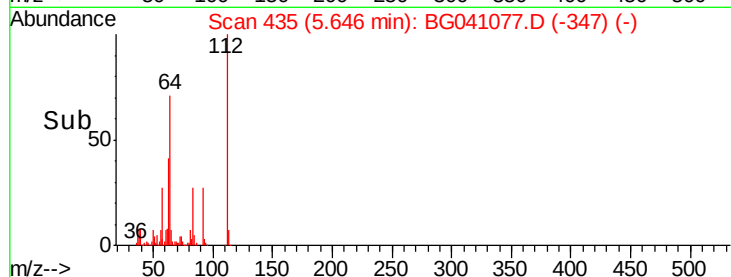
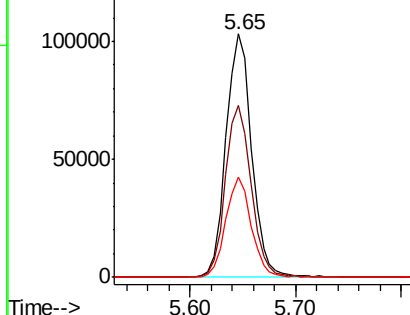
Tot Ion:	112	Resp:	173195
Ion Ratio	Lower	Upper	
112	100		
64	70.6	56.2	84.2
63	41.3	32.8	49.2

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



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



#6

Aniline

Concen: 16.595 ng

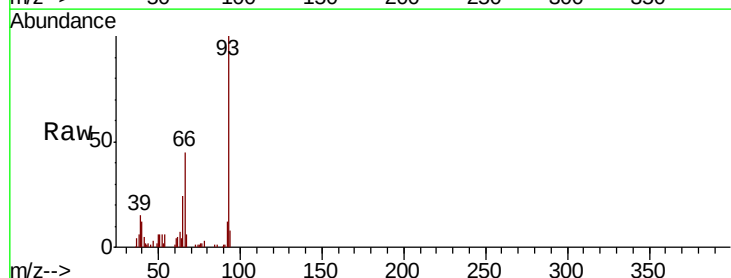
RT: 7.43 min Scan# 739

Delta R.T. -0.02 min

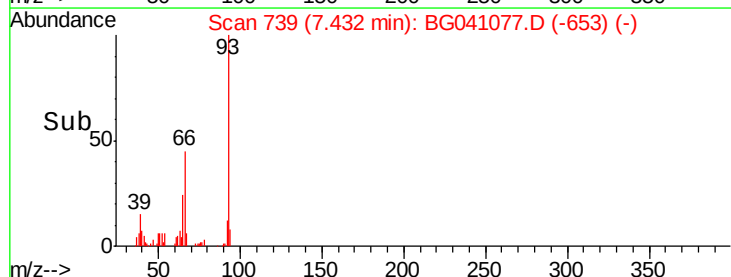
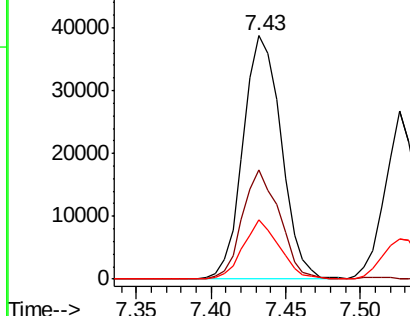
Lab File: BG041077.D

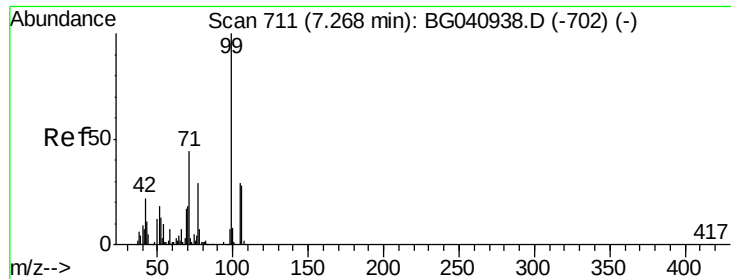
Acq: 5 Jun 2019 18:15

Tgt Ion:	93	Resp:	68655
Ion Ratio	Lower	Upper	
93	100		
66	44.9	33.8	50.8
65	24.5	18.3	27.5



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





#7

Phenol-d6

Concen: 77.782 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

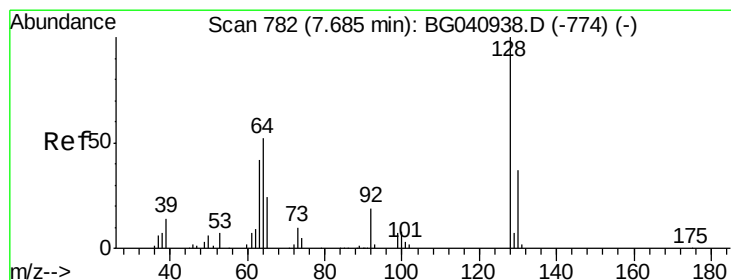
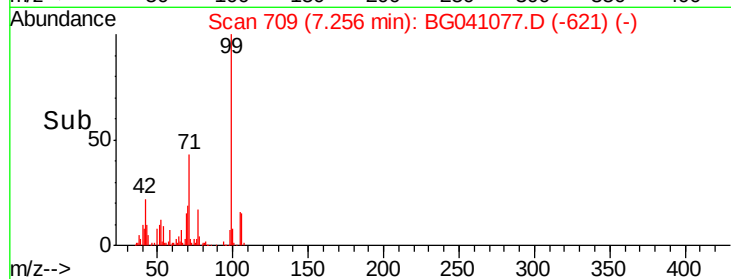
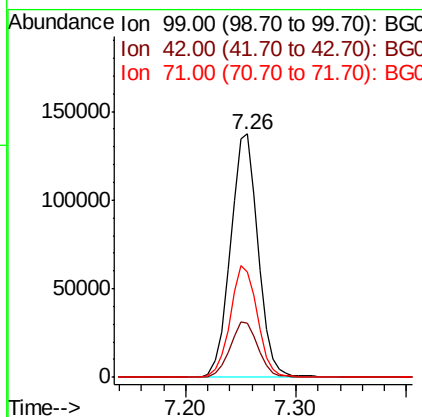
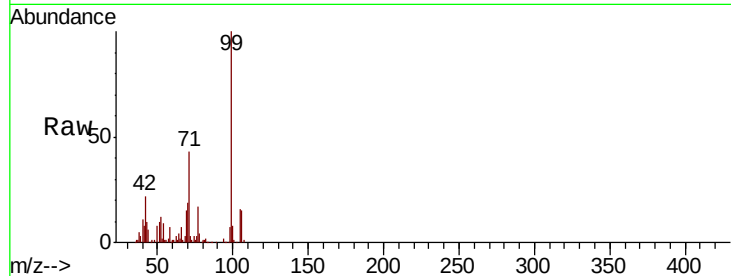
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	99	Resp:	241083
Ion Ratio	Lower	Upper	
99	100		
42	22.3	17.9	26.9
71	43.3	35.4	53.0

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



#8

2-Chlorophenol

Concen: 18.468 ng

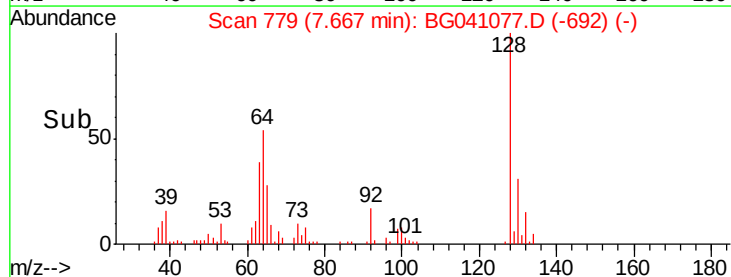
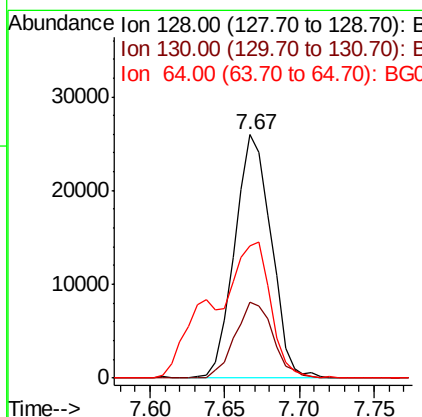
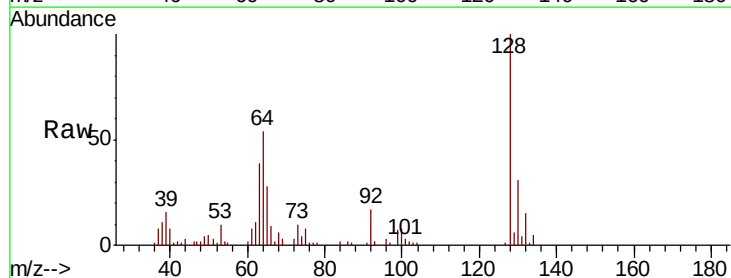
RT: 7.67 min Scan# 779

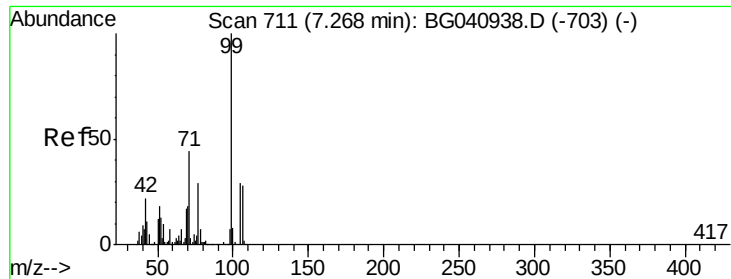
Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion:	128	Resp:	44188
Ion Ratio	Lower	Upper	
128	100		
130	31.4	16.6	56.6
64	54.3	37.8	77.8





#9

Benzaldehyde

Concen: 25.157 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

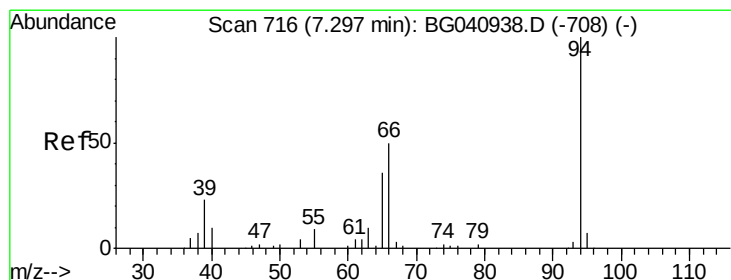
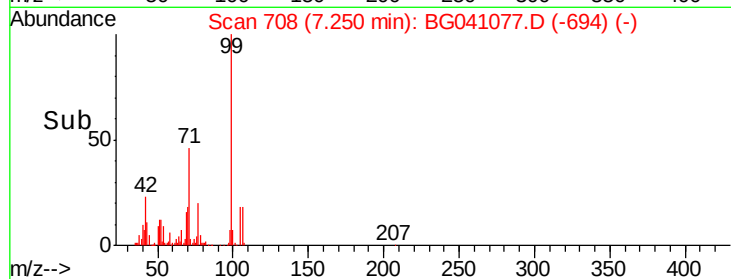
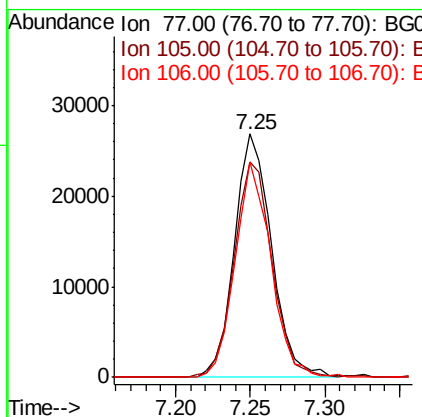
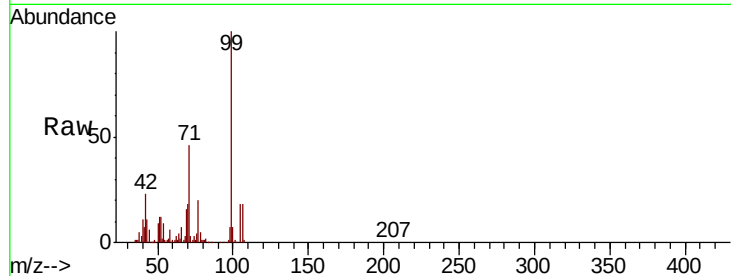
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	77	Resp:	46513
Ion	Ratio	Lower	Upper
77	100		
105	88.7	78.9	118.9
106	88.5	76.7	116.7

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



#10

Phenol

Concen: 17.052 ng

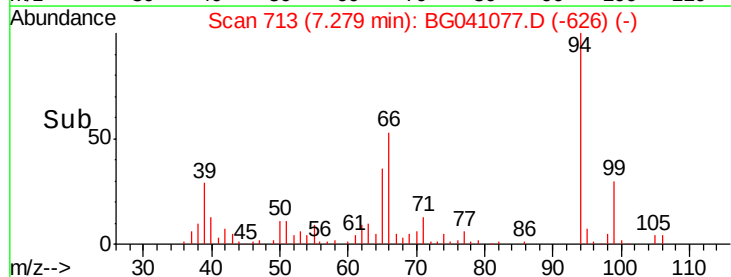
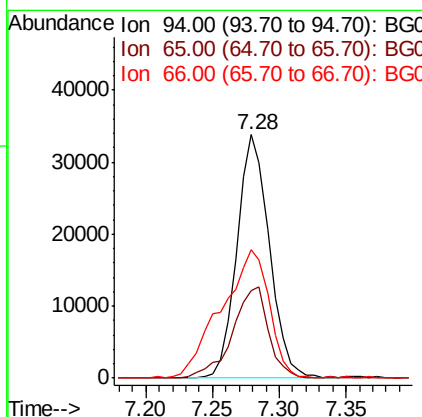
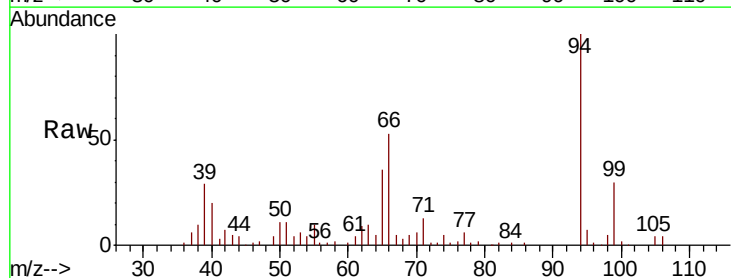
RT: 7.28 min Scan# 713

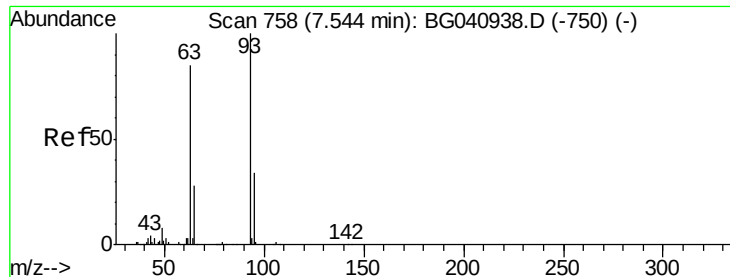
Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion:	94	Resp:	56670
Ion	Ratio	Lower	Upper
94	100		
65	36.1	17.0	57.0
66	52.5	32.4	72.4





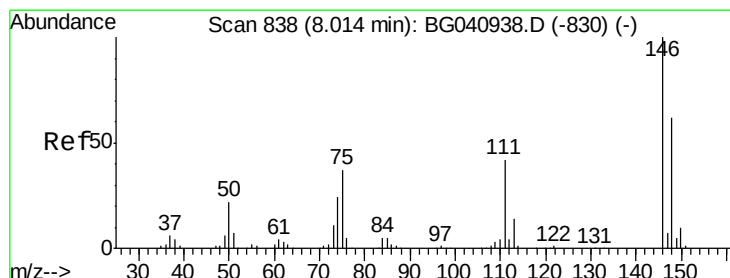
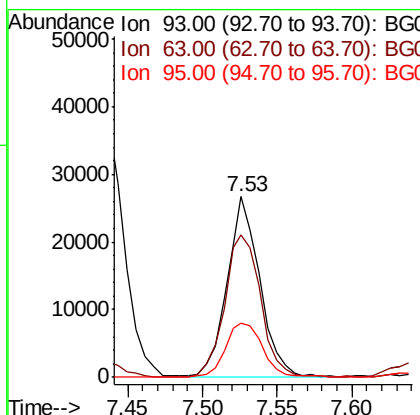
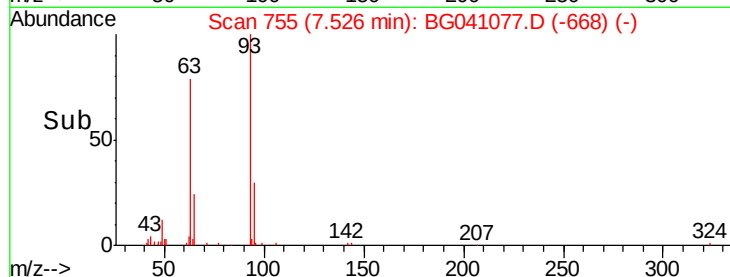
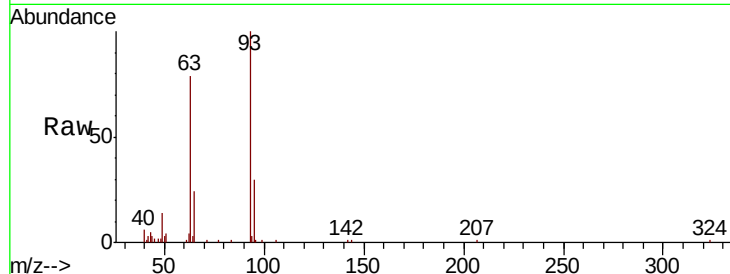
#11
bis(2-Chloroethyl)ether
Concen: 17.057 ng
RT: 7.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.6	64.5	104.5
95	30.1	13.3	53.3

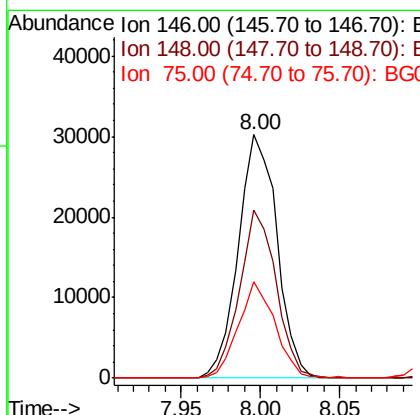
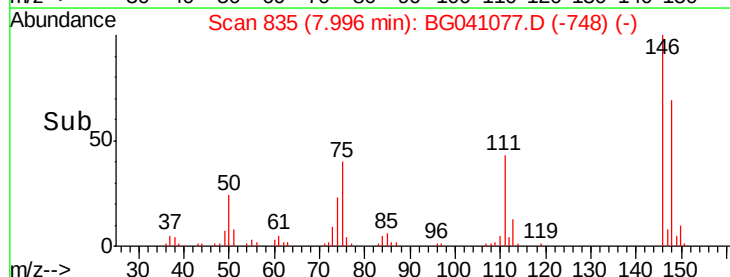
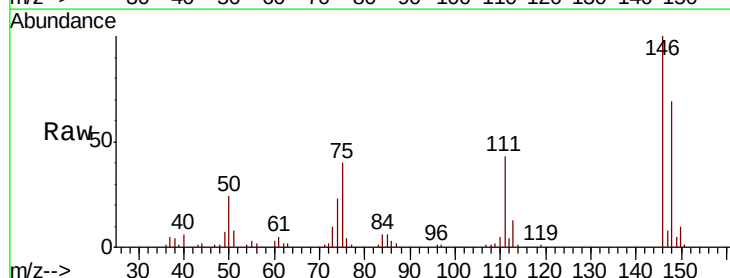
Manual Integrations
APPROVED

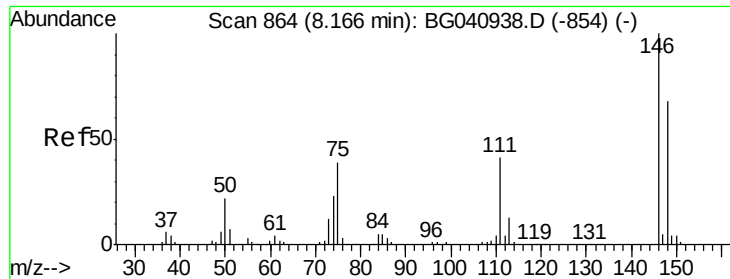
mohammad
6/6/2019 3:42:29 PM



#12
1,3-Dichlorobenzene
Concen: 17.883 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.9	49.2	73.8
75	39.5	29.4	44.0





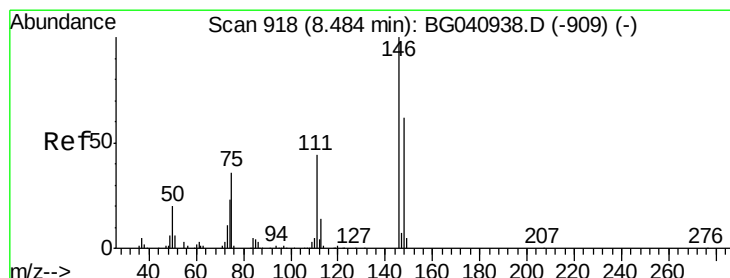
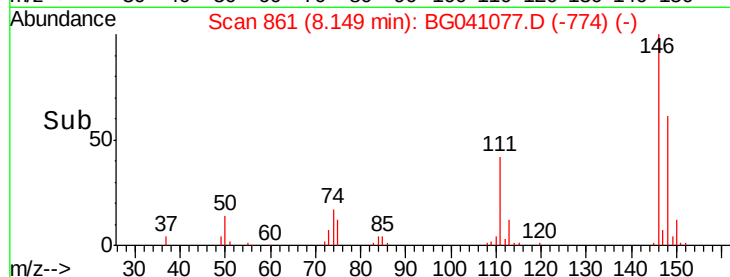
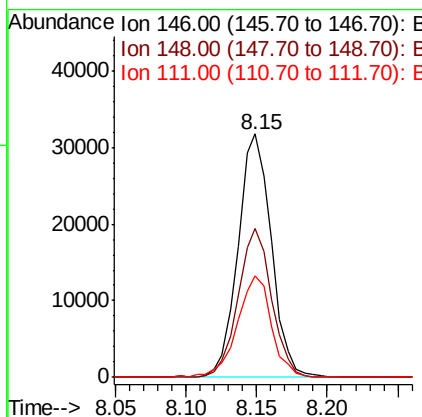
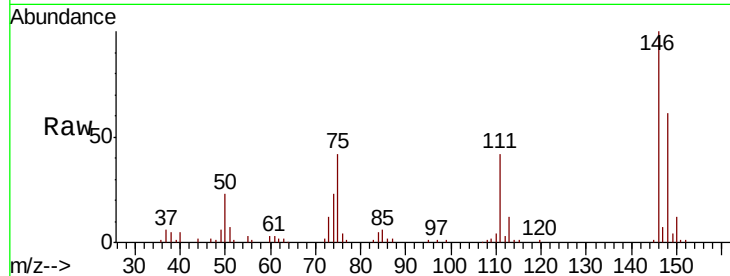
#13
1,4-Dichlorobenzene
Concen: 18.097 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.0	54.2	81.4
111	41.8	32.9	49.3

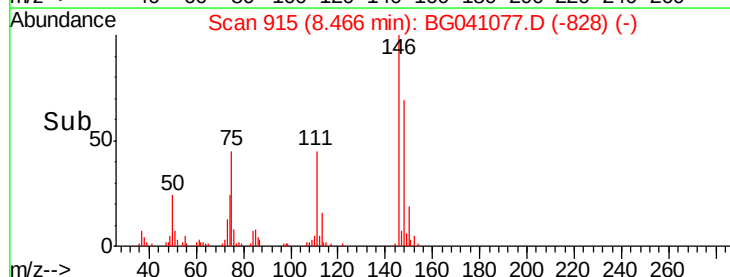
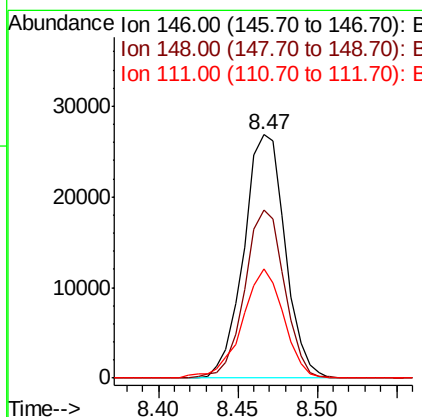
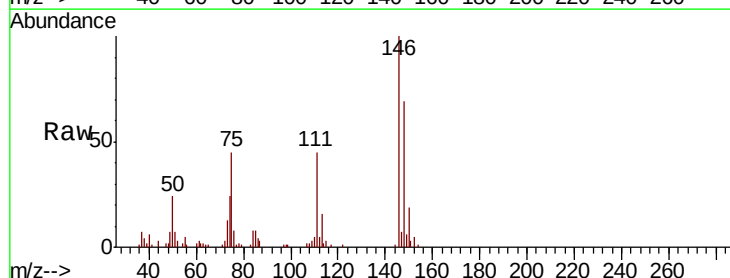
Manual Integrations
APPROVED

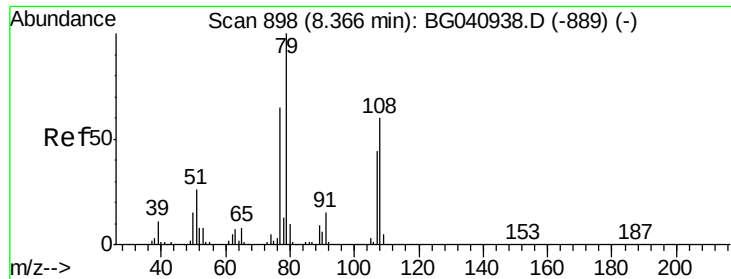
mohammad
6/6/2019 3:42:29 PM



#14
1,2-Dichlorobenzene
Concen: 17.308 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.9	49.8	74.6
111	44.8	35.0	52.4





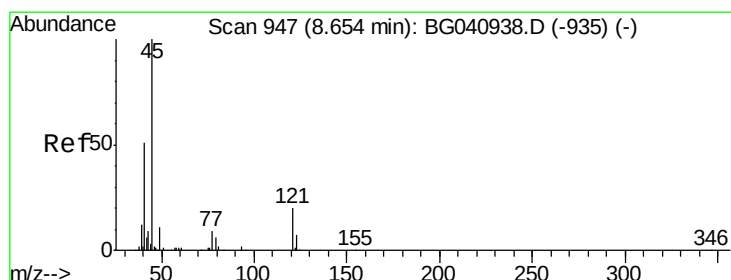
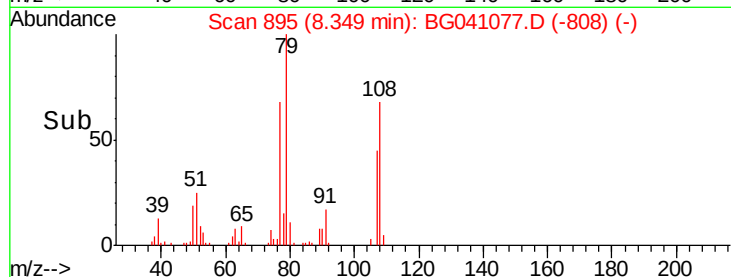
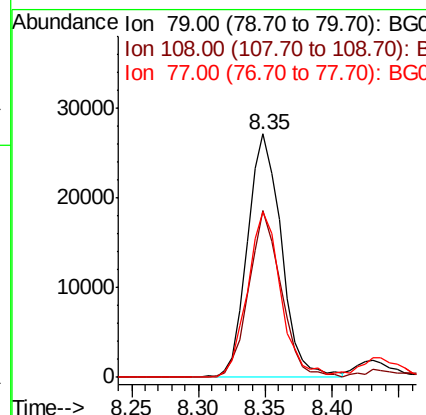
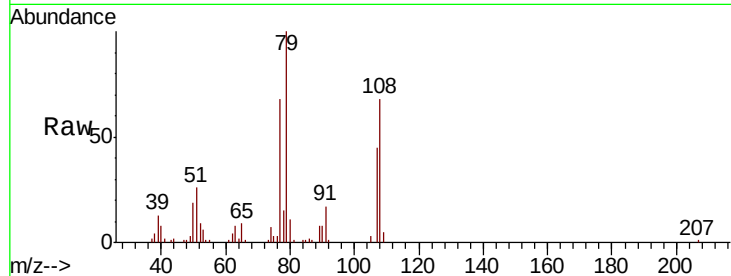
#15
Benzyl Alcohol
Concen: 16.549 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.4	48.3	72.5
77	68.1	52.3	78.5

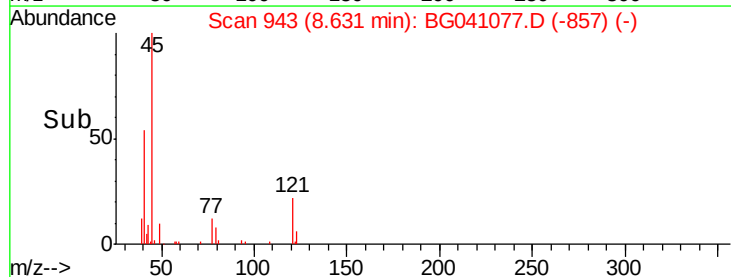
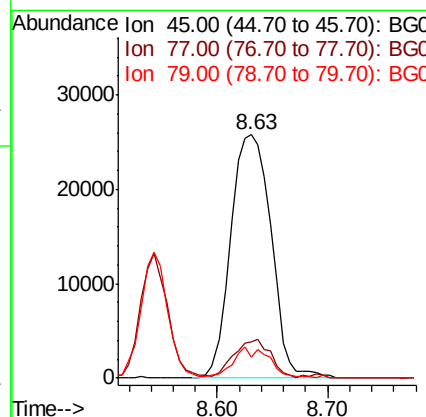
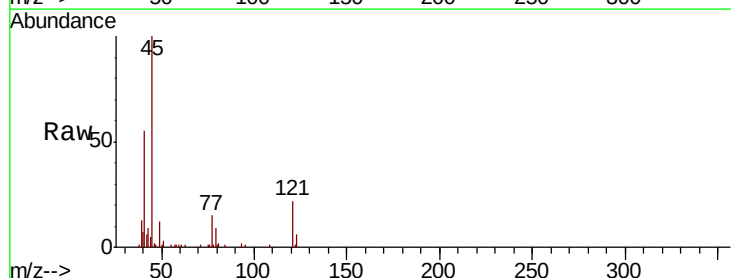
Manual Integrations
APPROVED

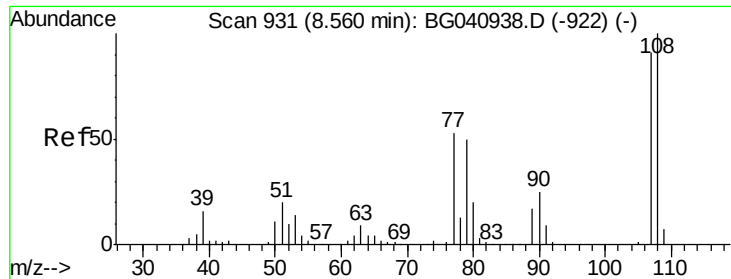
mohammad
6/6/2019 3:42:29 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 16.803 ng
RT: 8.63 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	33.7
79	8.7	0.0	30.2





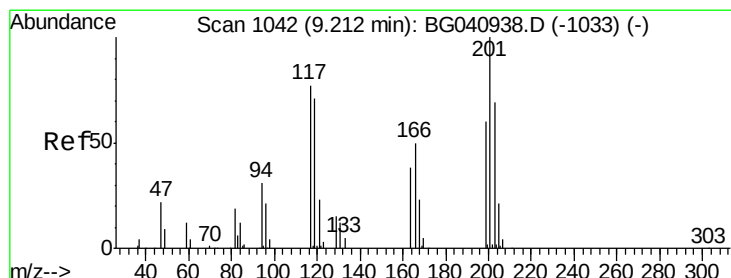
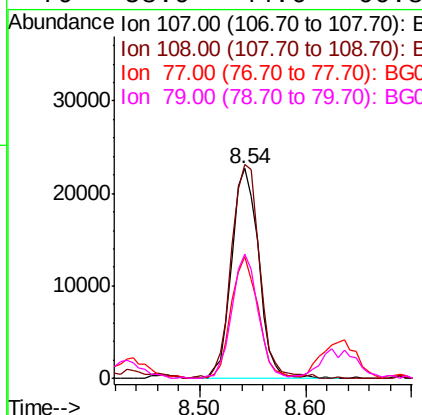
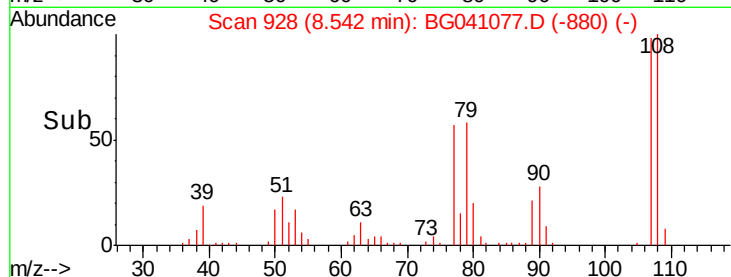
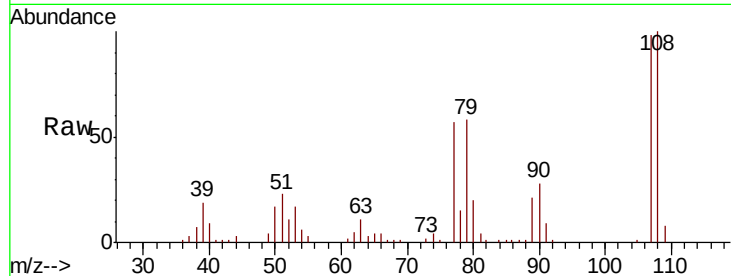
#17
2-Methylphenol
Concen: 16.598 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	101.8	87.7	131.5	
77	57.9	46.6	70.0	
79	58.9	44.6	66.8	

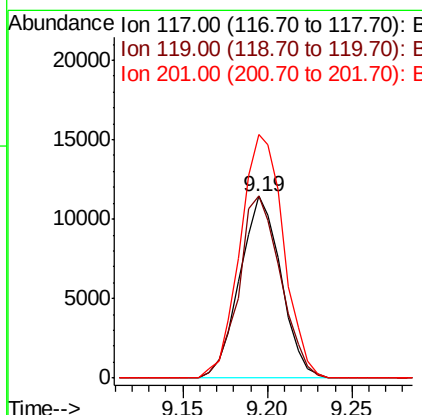
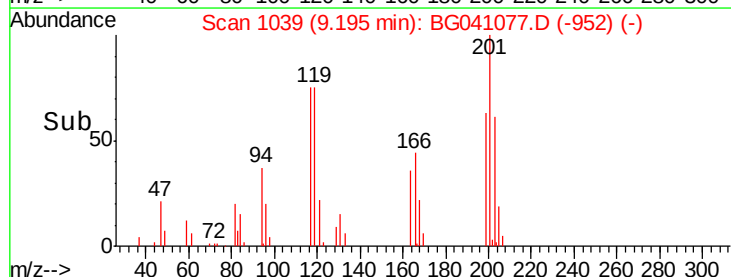
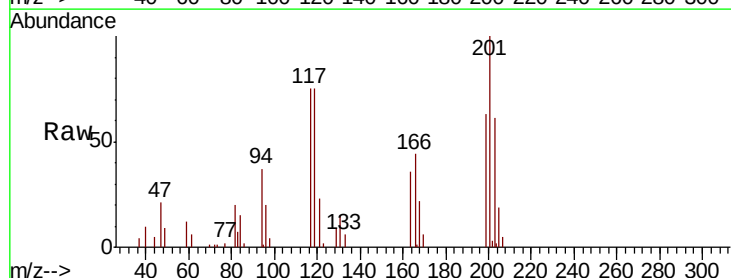
Manual Integrations
APPROVED

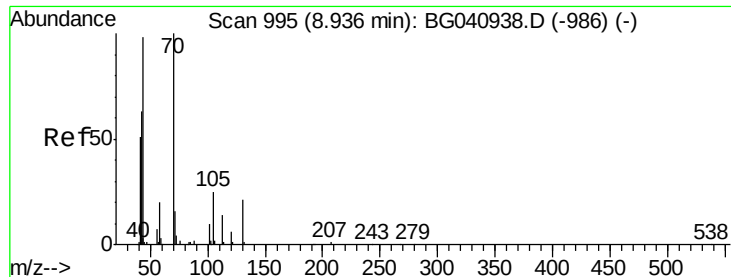
mohammad
6/6/2019 3:42:29 PM



#18
Hexachloroethane
Concen: 17.471 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.6	75.0	112.6	
201	137.8	103.5	155.3	





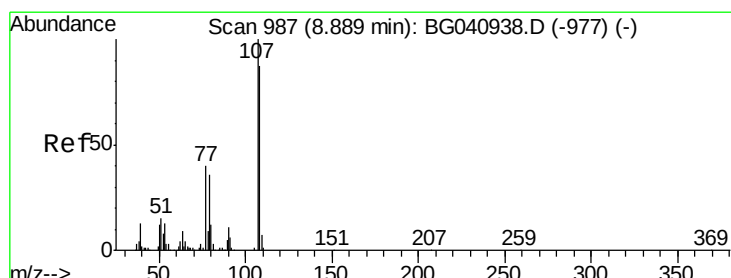
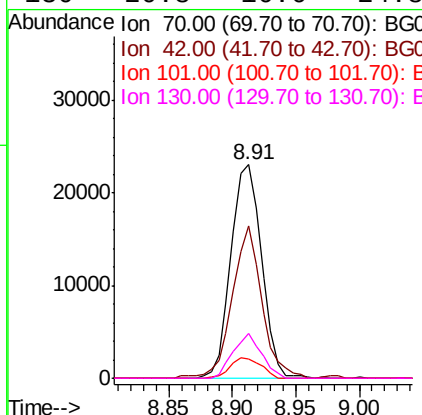
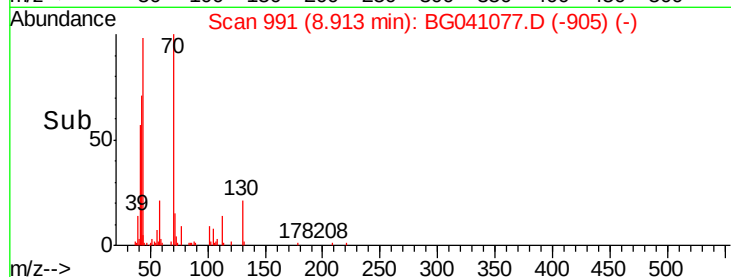
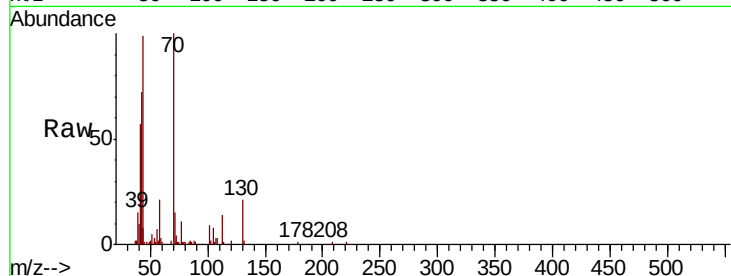
#19
n-Nitroso-di-n-propylamine
Concen: 16.171 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.5	51.5	77.3	
101	9.2	8.1	12.1	
130	20.8	16.6	24.8	

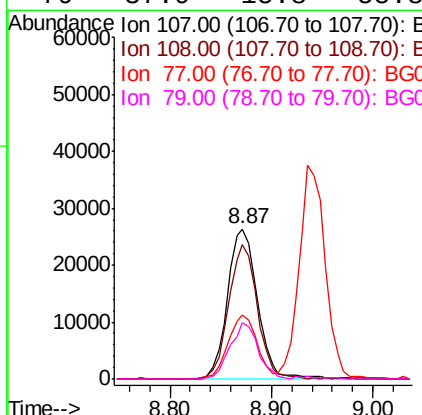
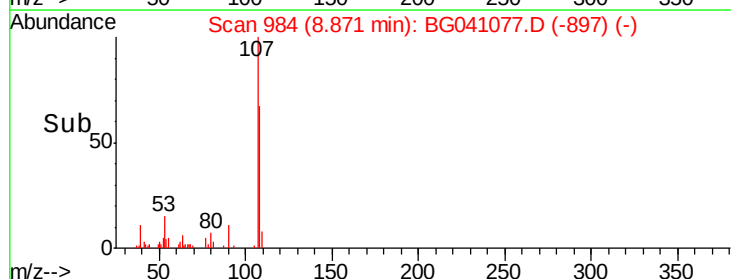
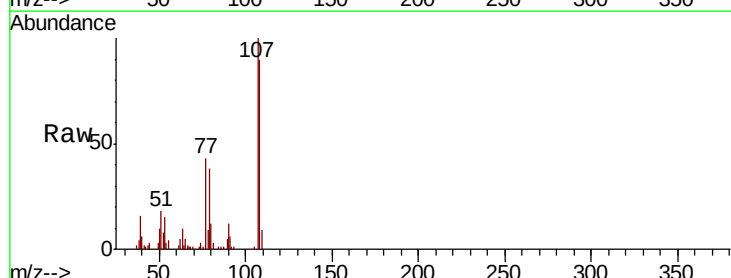
Manual Integrations
APPROVED

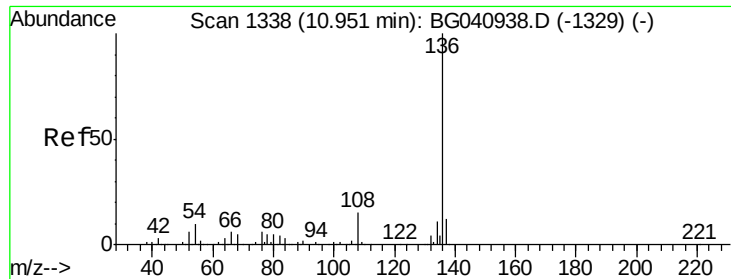
mohammad
6/6/2019 3:42:29 PM



#20
3+4-Methylphenols
Concen: 16.176 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	66.8	106.8	
77	43.0	20.5	60.5	
79	37.9	15.8	55.8	





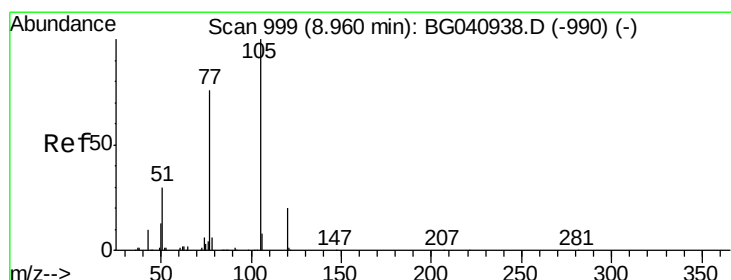
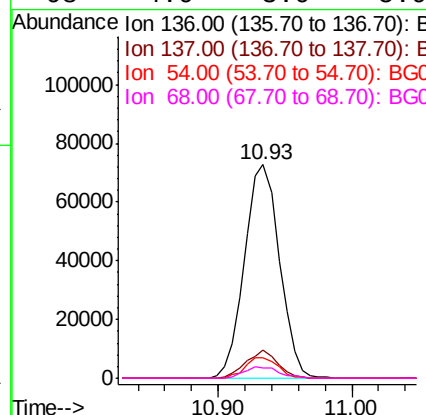
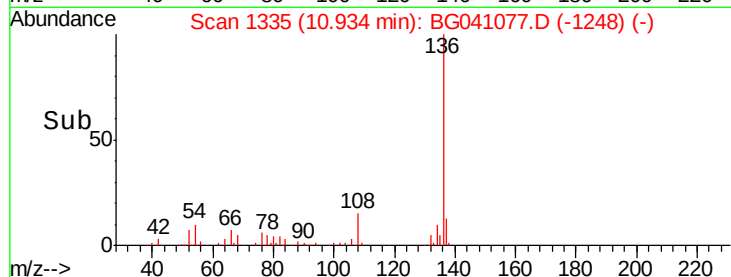
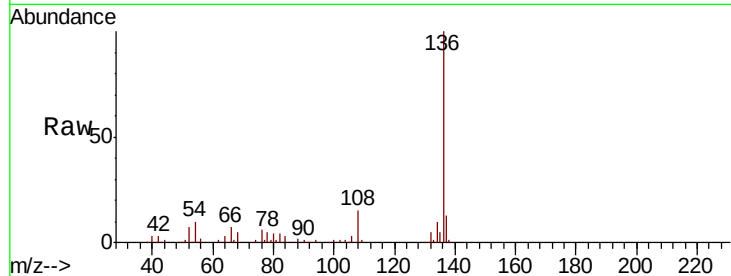
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	13.0	9.5	14.3	
54	10.1	7.6	11.4	
68	4.9	3.9	5.9	

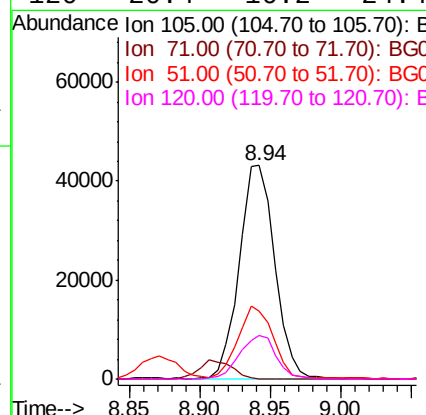
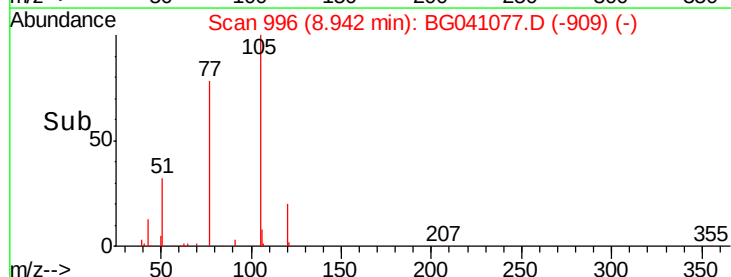
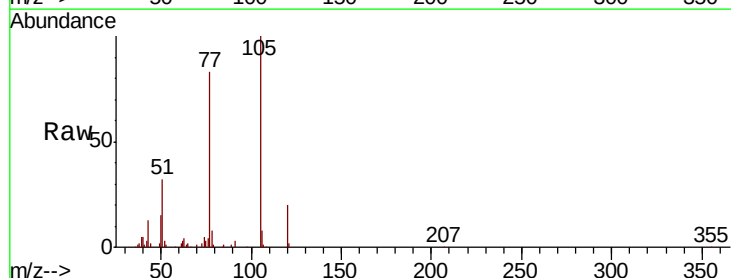
Manual Integrations
APPROVED

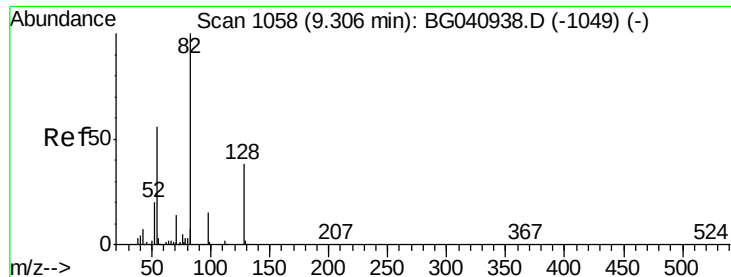
mohammad
6/6/2019 3:42:29 PM



#22
Acetophenone
Concen: 20.603 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	0.4	0.6#	
51	31.8	27.0	40.6	
120	20.4	16.2	24.4	





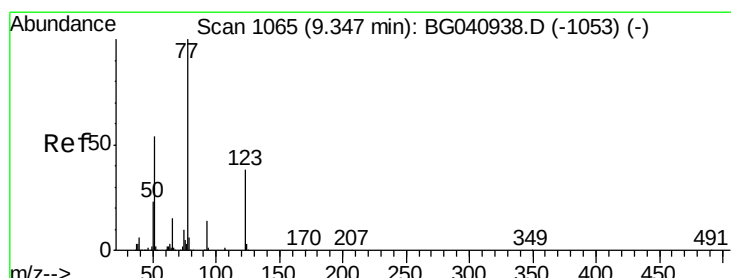
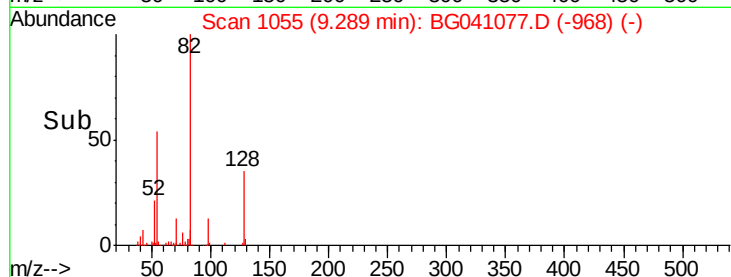
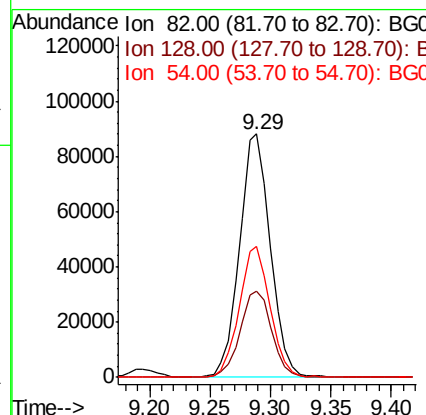
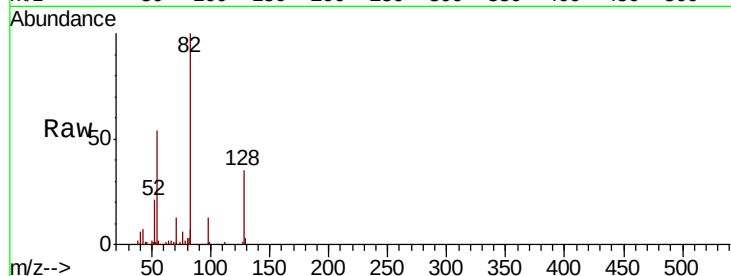
#23
 Nitrobenzene-d5
 Concen: 52.681 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	30.5	45.7
54	53.9	44.6	66.8

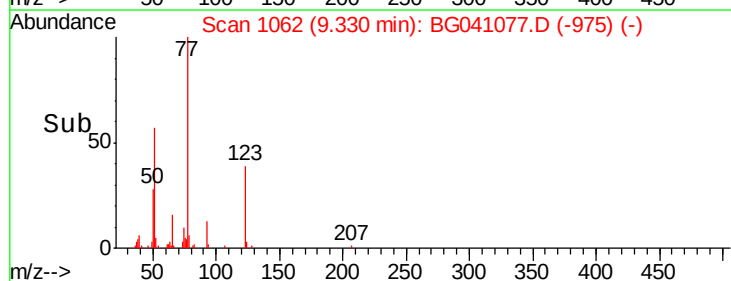
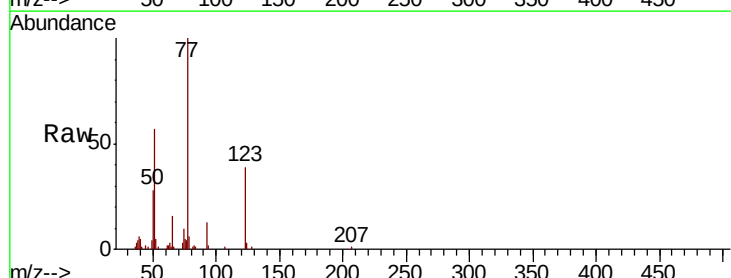
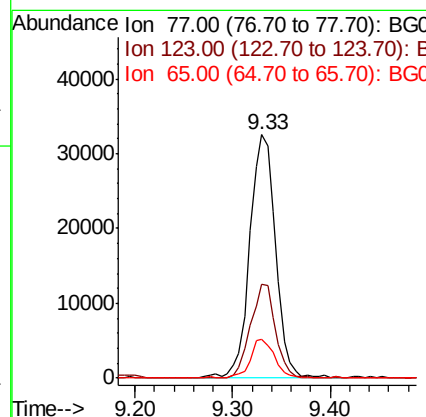
Manual Integrations
 APPROVED

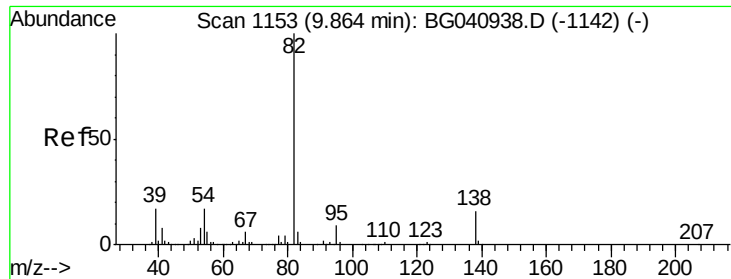
mohammad
 6/6/2019 3:42:29 PM



#24
 Nitrobenzene
 Concen: 19.960 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	30.6	46.0
65	15.7	12.3	18.5





#25

Isophorone

Concen: 18.586 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

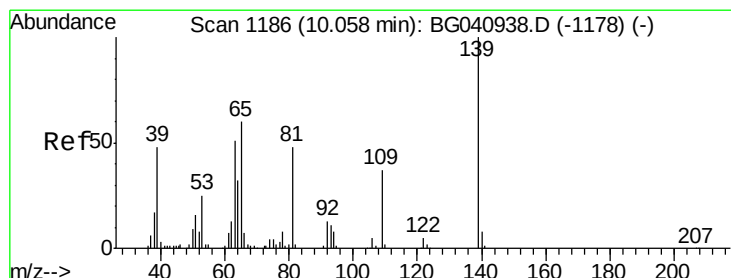
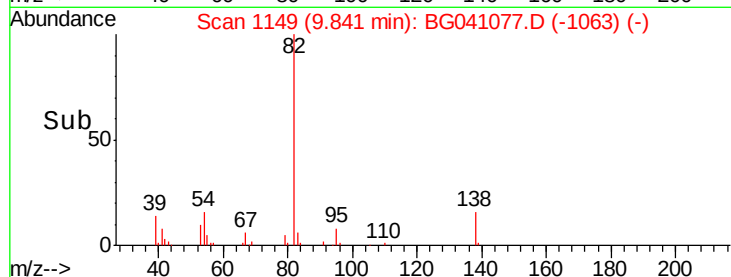
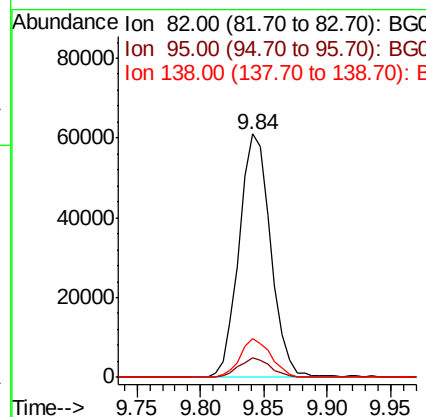
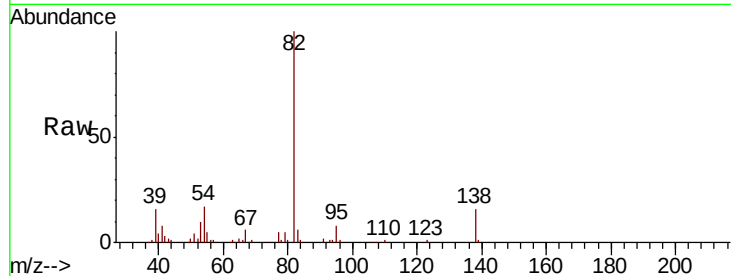
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	82	Resp:	105199
Ion Ratio	Lower	Upper	
82	100		
95	8.0	7.0	10.4
138	15.8	12.6	19.0

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



#26

2-Nitrophenol

Concen: 20.194 ng

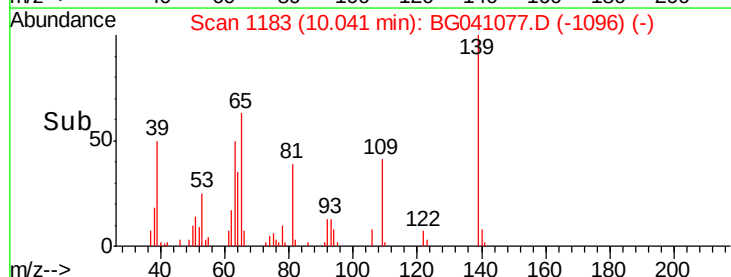
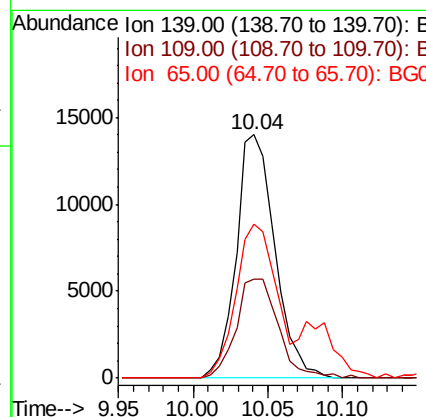
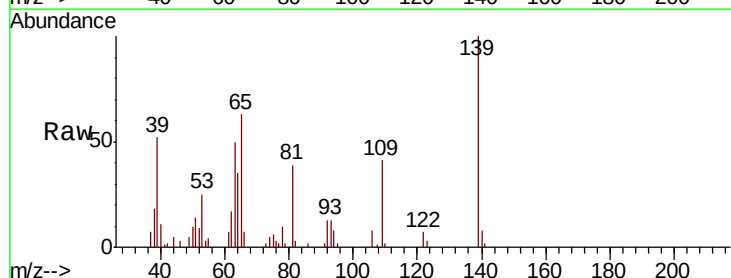
RT: 10.04 min Scan# 1183

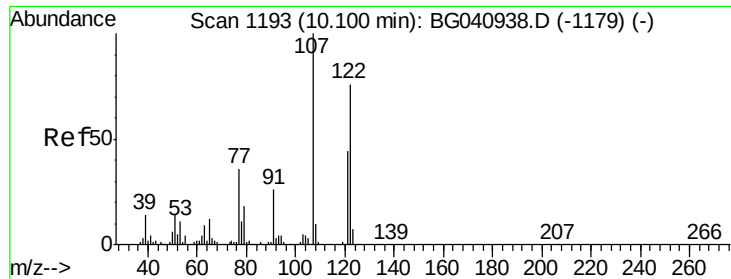
Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion:	139	Resp:	25233
Ion Ratio	Lower	Upper	
139	100		
109	40.6	29.8	44.6
65	63.0	47.8	71.6





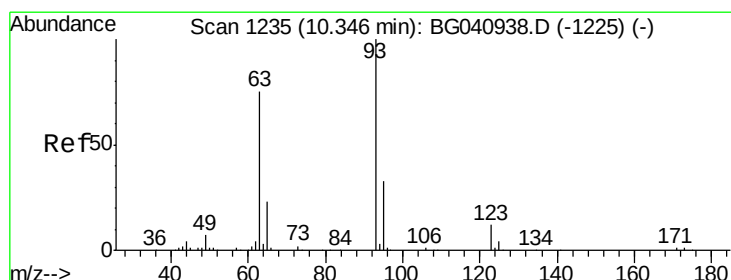
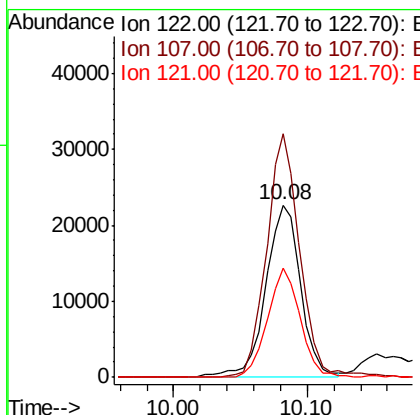
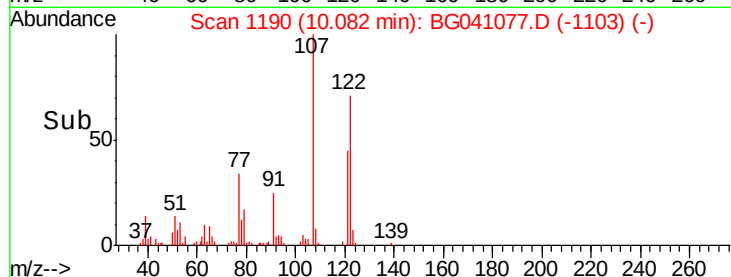
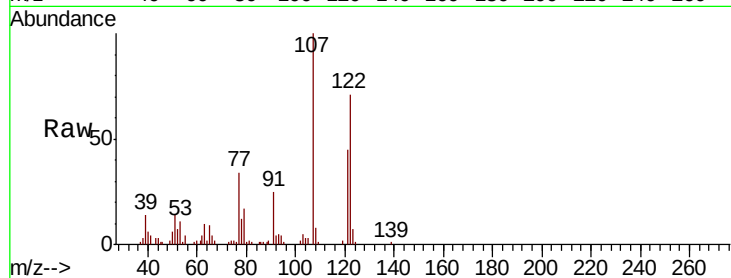
#27
2,4-Dimethylphenol
Concen: 19.939 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	141.4	105.9	158.9	
121	63.5	46.2	69.4	

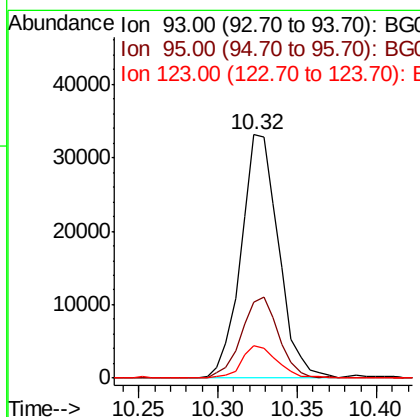
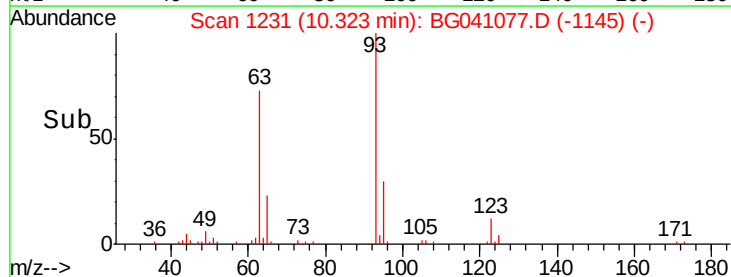
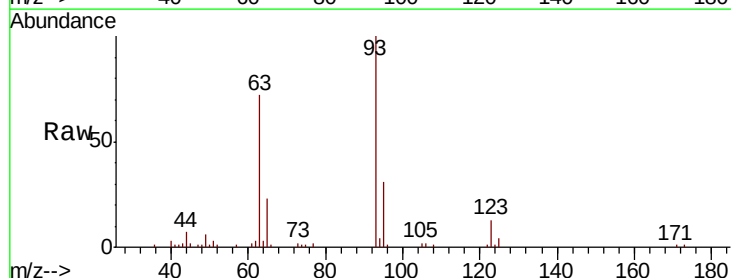
Manual Integrations
APPROVED

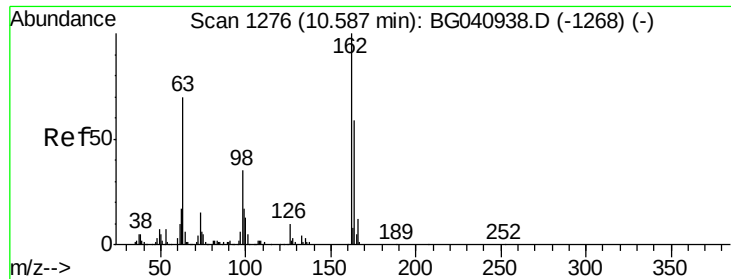
mohammad
6/6/2019 3:42:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 17.822 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	31.4	26.2	39.2	
123	13.1	9.5	14.3	





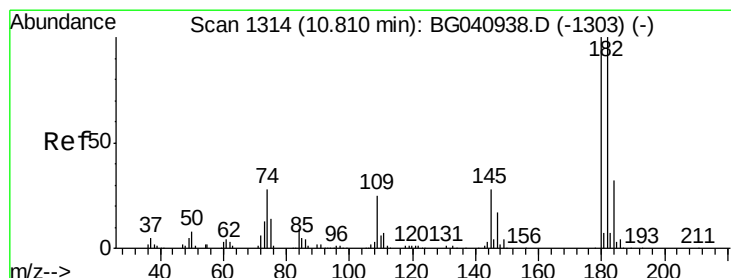
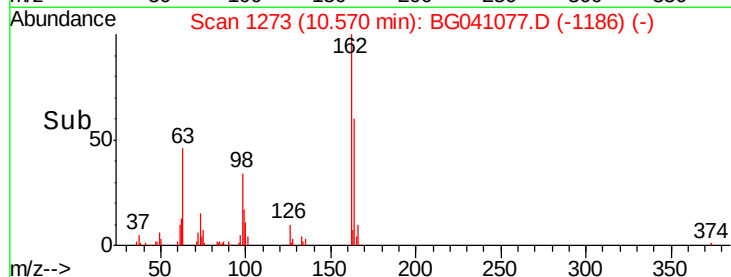
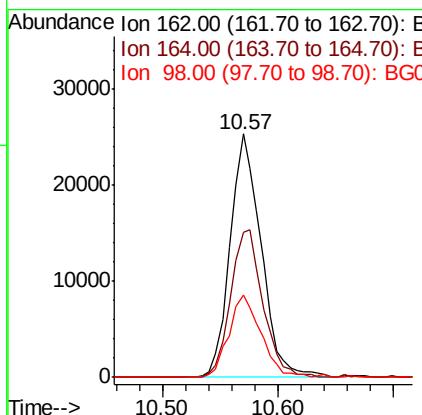
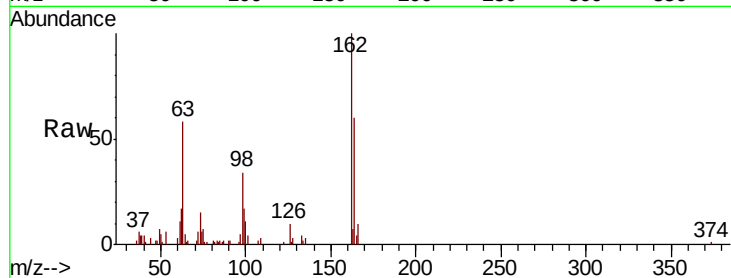
#29
2,4-Dichlorophenol
Concen: 18.005 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.7	39.4	79.4
98	33.7	15.3	55.3

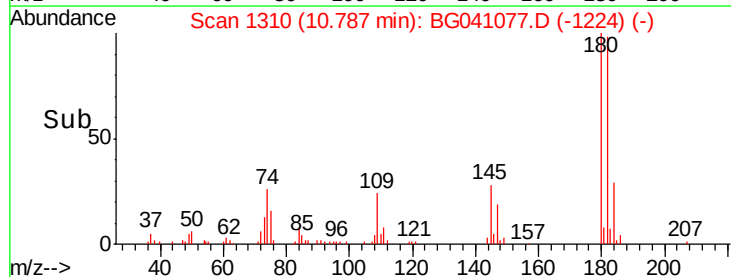
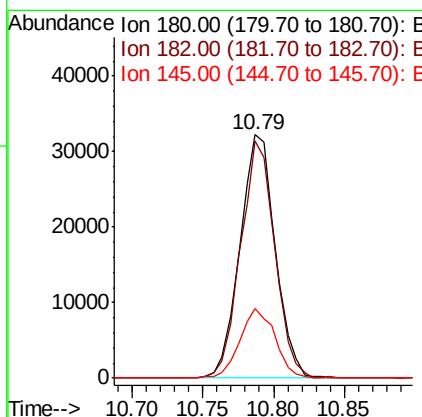
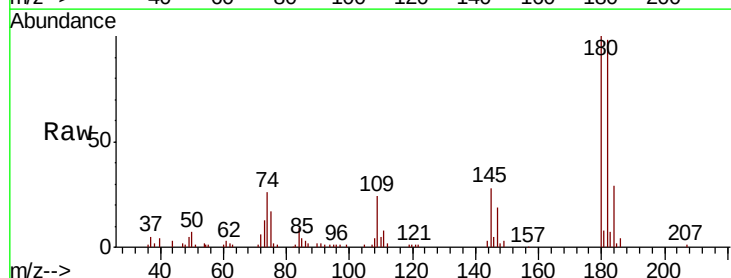
Manual Integrations
APPROVED

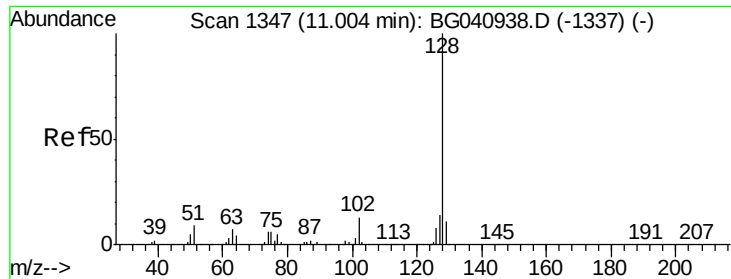
mohammad
6/6/2019 3:42:29 PM



#30
1,2,4-Trichlorobenzene
Concen: 18.931 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	79.7	119.5
145	28.4	22.6	34.0





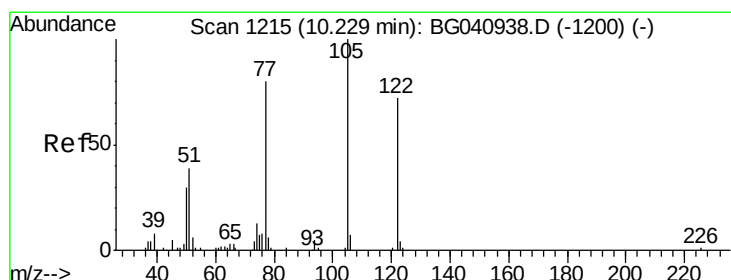
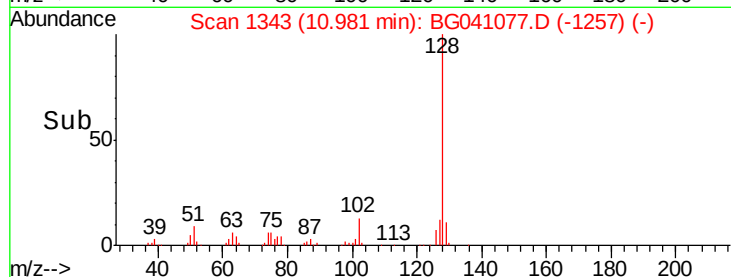
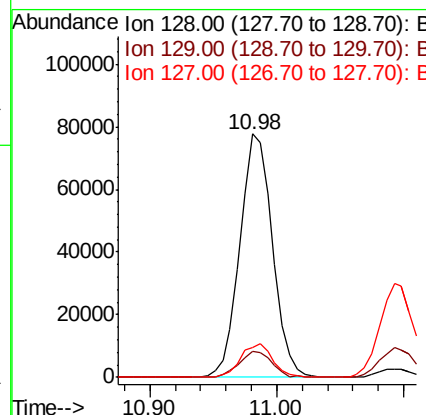
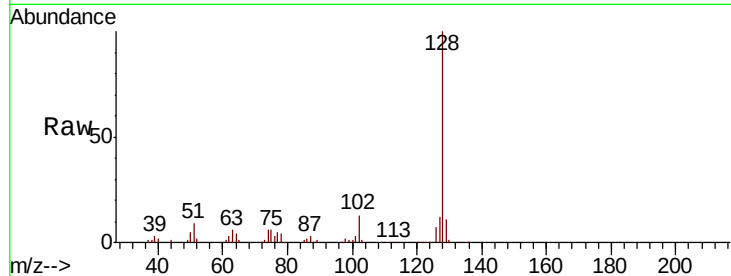
#31
Naphthalene
Concen: 19.436 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	12.4	11.4	17.2

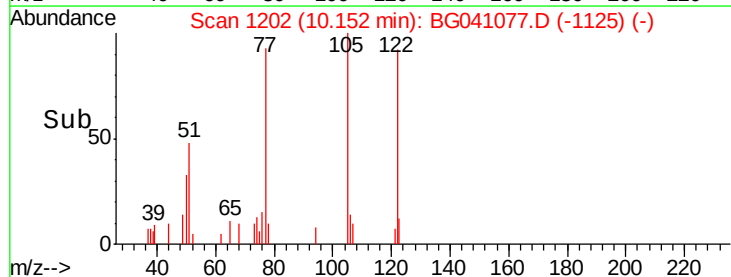
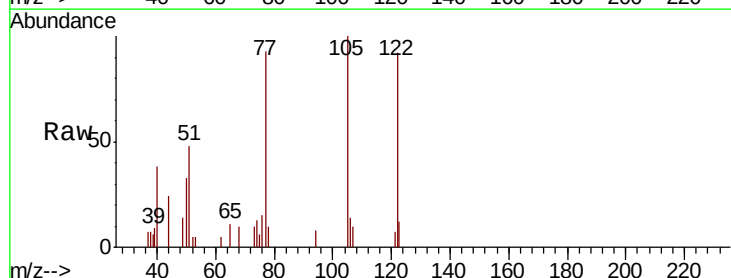
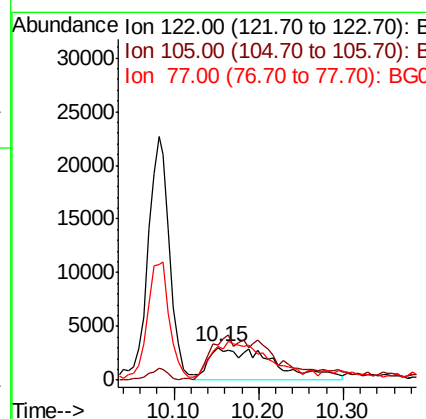
Manual Integrations
APPROVED

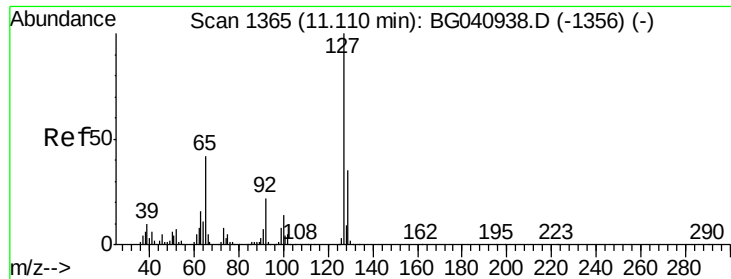
mohammad
6/6/2019 3:42:29 PM



#32
Benzoic acid
Concen: 16.228 ng m
RT: 10.15 min Scan# 1202
Delta R.T. -0.08 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.4	114.8	154.8#
77	101.1	89.9	129.9





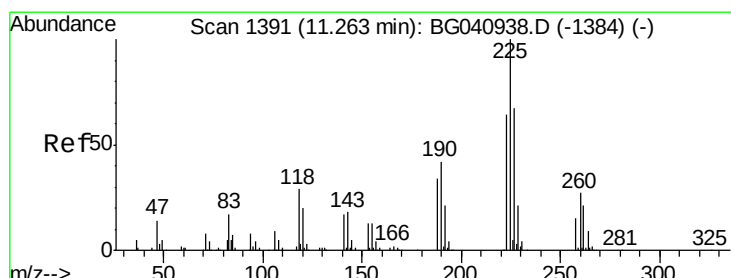
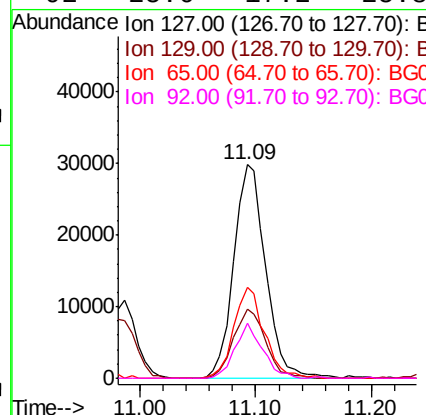
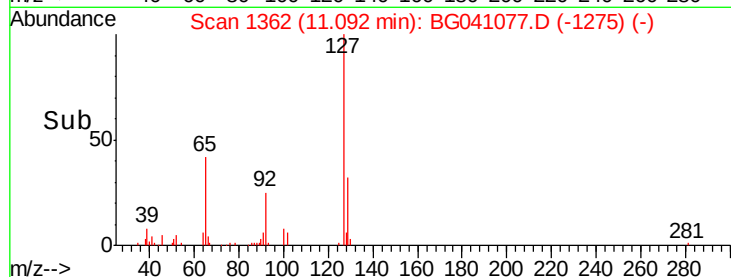
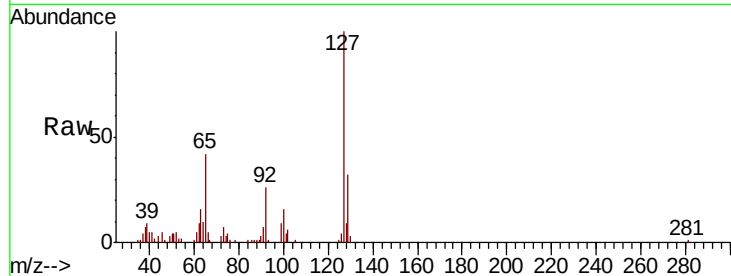
#33
 4-Chloroaniline
 Concen: 17.353 ng
 RT: 11.09 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion:	127	Resp:	57078
Ion Ratio	Lower	Upper	
127	100		
129	32.2	27.7	41.5
65	42.4	33.2	49.8
92	25.6	17.2	25.8

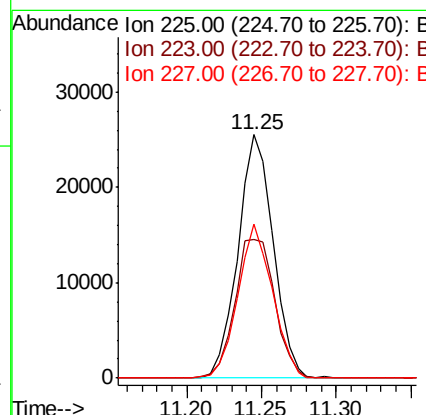
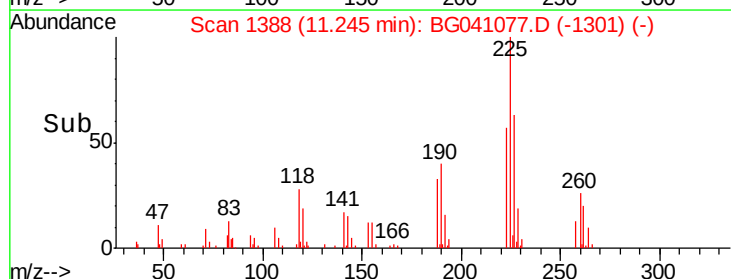
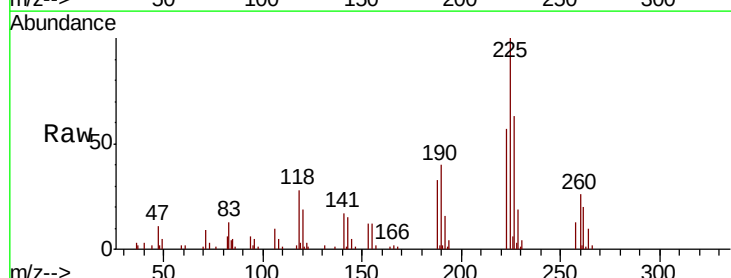
Manual Integrations
 APPROVED

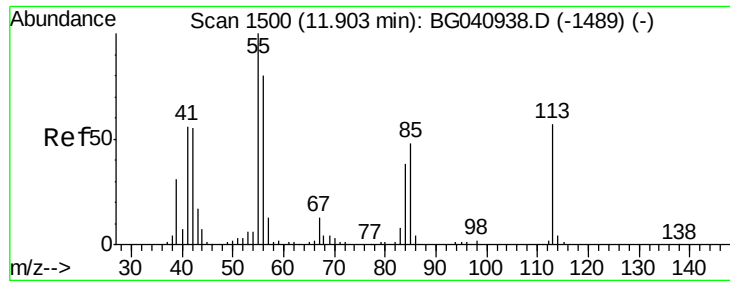
mohammad
 6/6/2019 3:42:29 PM



#34
 Hexachlorobutadiene
 Concen: 18.347 ng
 RT: 11.25 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion:	225	Resp:	41849
Ion Ratio	Lower	Upper	
225	100		
223	56.8	48.8	73.2
227	63.3	51.4	77.0





#35

Caprolactam

Concen: 18.158 ng

RT: 11.86 min Scan# 1493

Delta R.T. -0.04 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

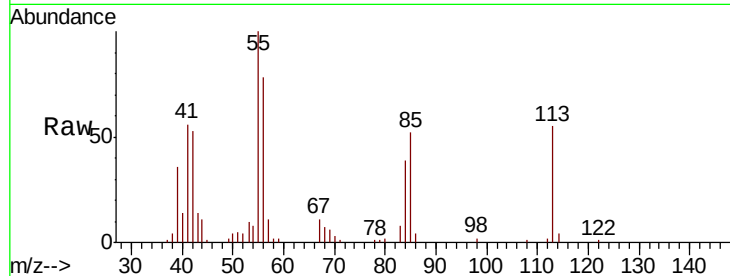
ClientSampleId :

LOQ-WATER-02-QT2-2019

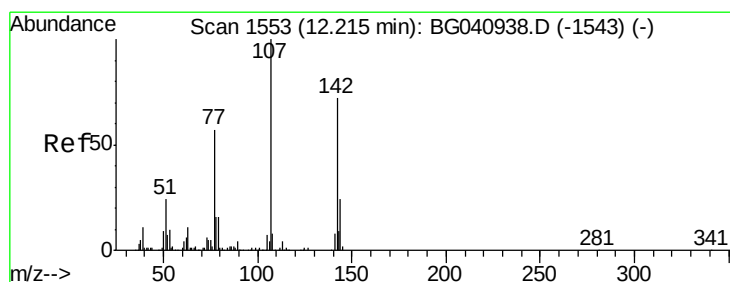
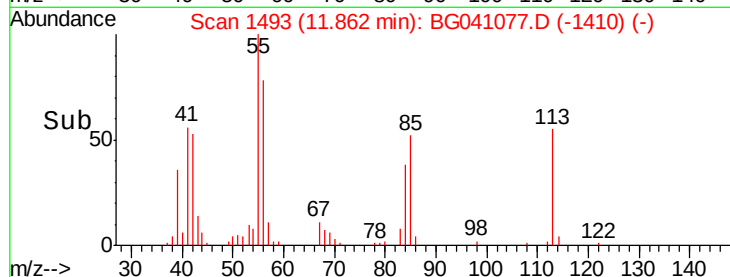
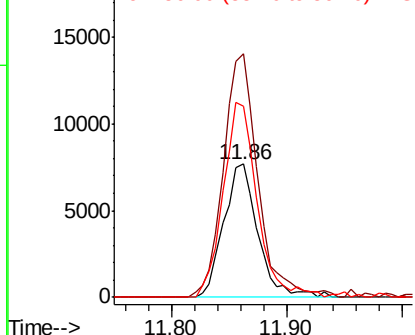
Tot Ion:	113	Resp:	15714
Ion Ratio	Lower	Upper	
113	100		
55	182.9	155.9	195.9
56	143.1	119.9	159.9

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 17.770 ng

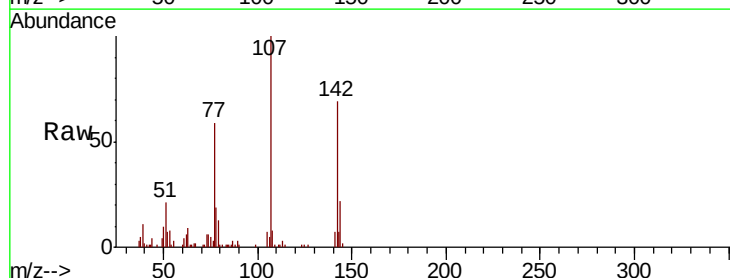
RT: 12.20 min Scan# 1550

Delta R.T. -0.02 min

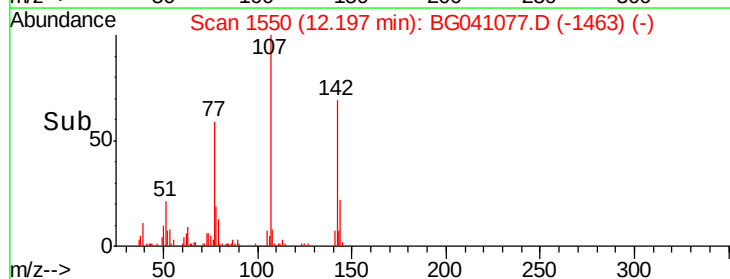
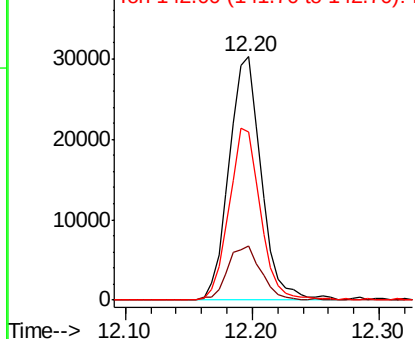
Lab File: BG041077.D

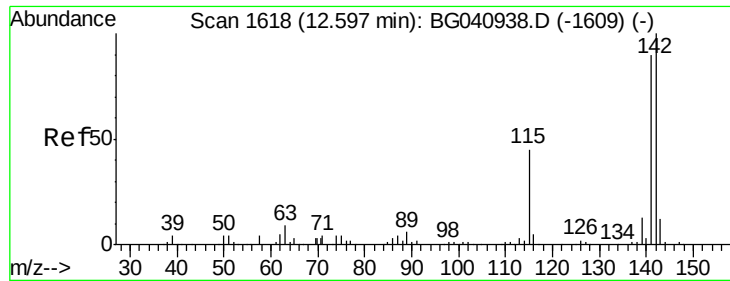
Acq: 5 Jun 2019 18:15

Tgt Ion:	107	Resp:	53184
Ion Ratio	Lower	Upper	
107	100		
144	22.0	19.4	29.0
142	69.3	57.3	85.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





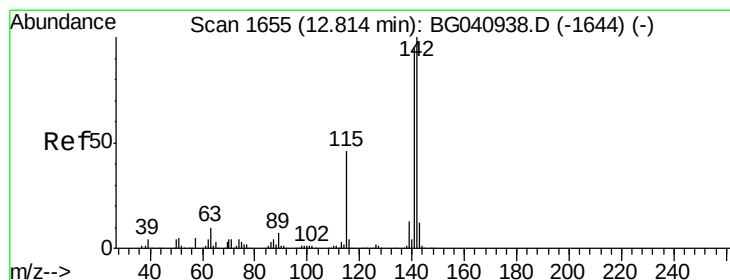
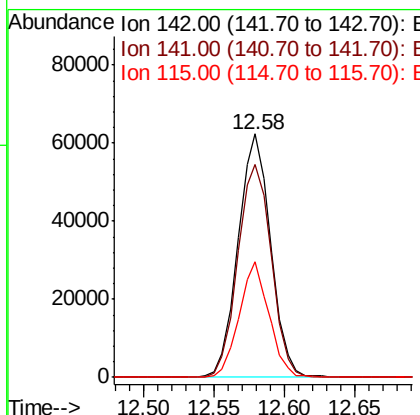
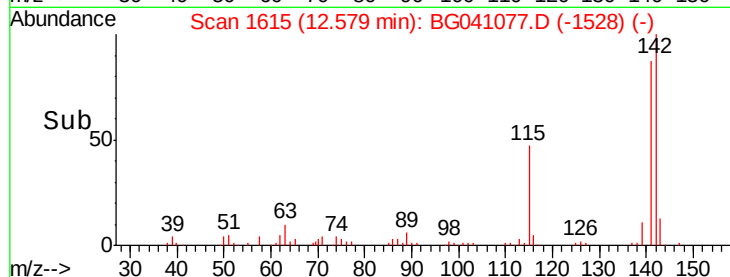
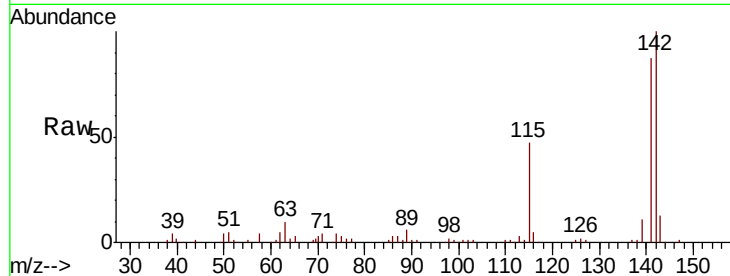
#37
2-Methylnaphthalene
Concen: 18.345 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.2	108.4
115	47.4	36.2	54.4

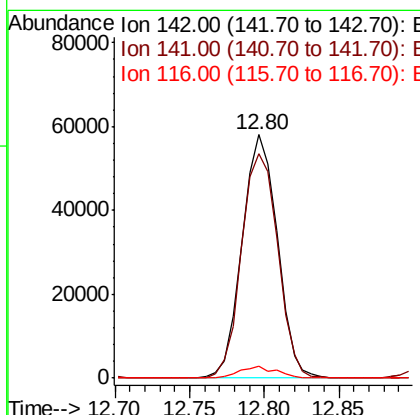
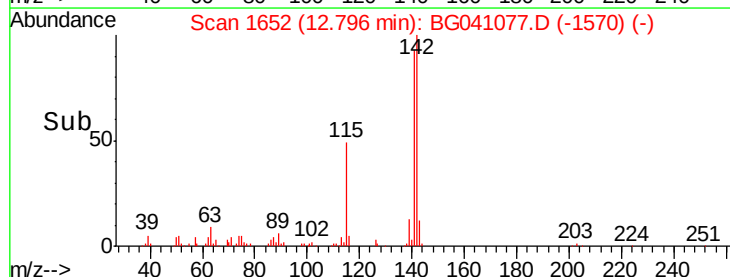
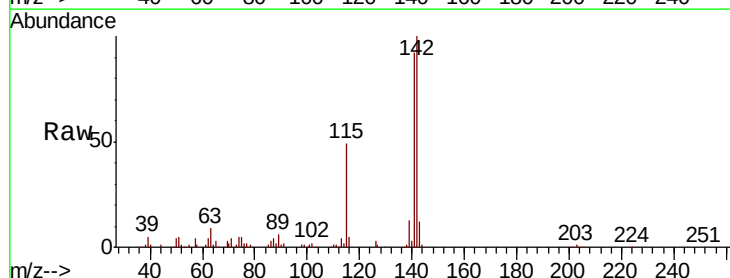
Manual Integrations
APPROVED

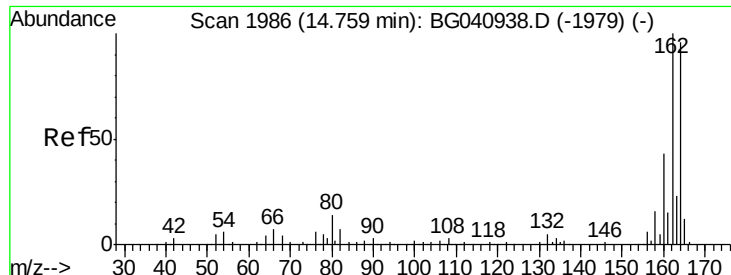
mohammad
6/6/2019 3:42:29 PM



#38
1-Methylnaphthalene
Concen: 18.447 ng
RT: 12.80 min Scan# 1652
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.7	113.5
116	5.0	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

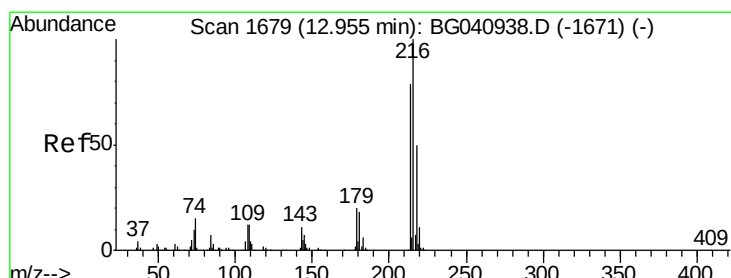
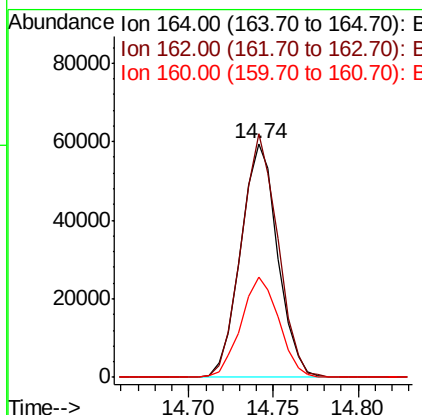
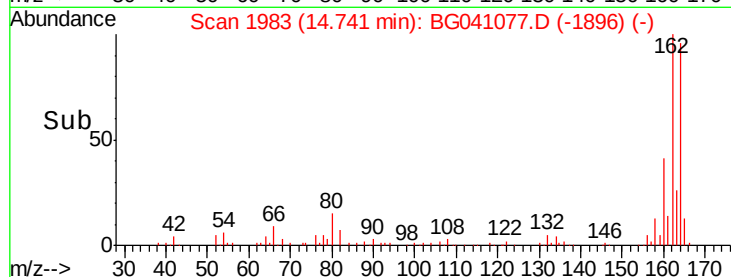
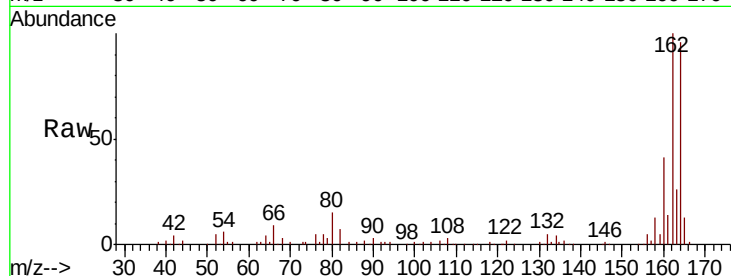
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	164	Resp:	90311
Ion Ratio	Lower	Upper	
164	100		
162	104.1	83.0	124.4
160	42.7	35.6	53.4

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.209 ng

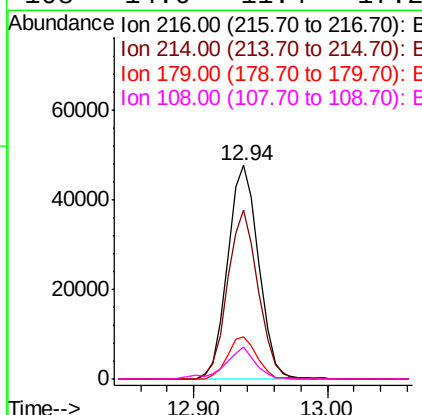
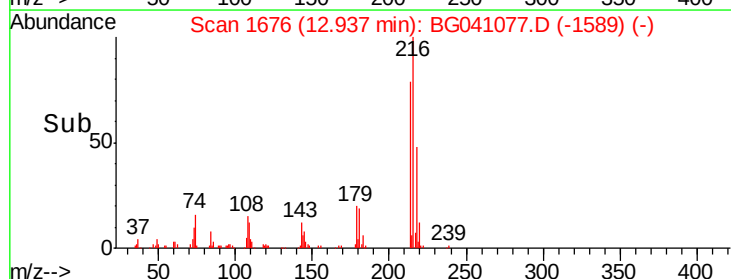
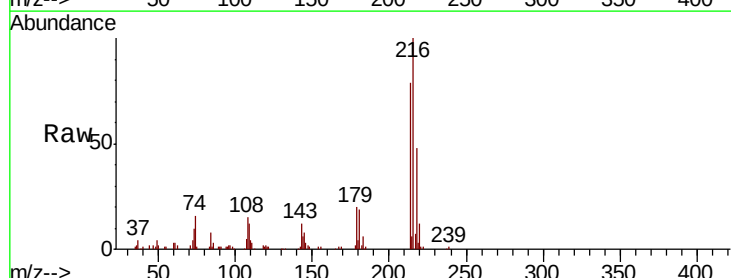
RT: 12.94 min Scan# 1676

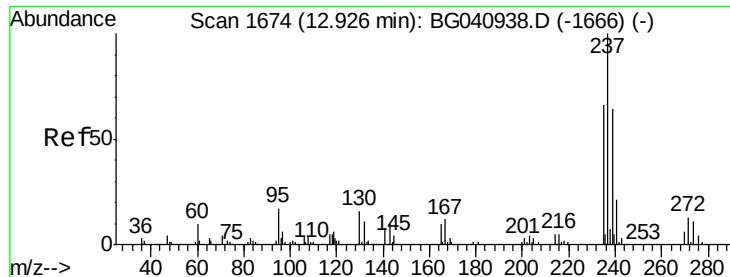
Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion:	216	Resp:	77202
Ion Ratio	Lower	Upper	
216	100		
214	78.1	63.4	95.2
179	18.9	15.2	22.8
108	14.6	11.4	17.2





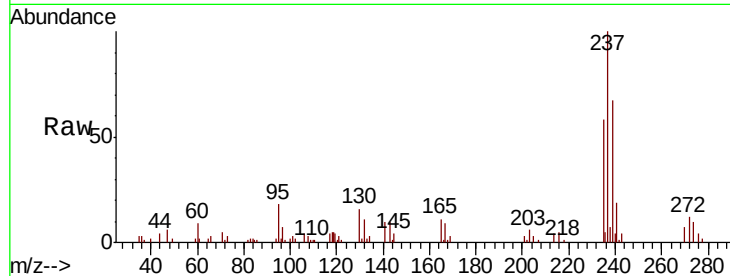
#41
Hexachlorocyclopentadiene
Concen: 23.621 ng
RT: 12.91 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

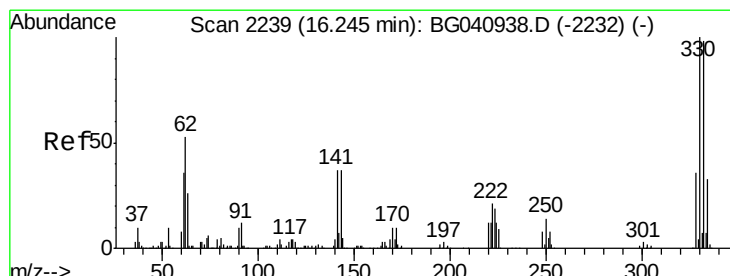
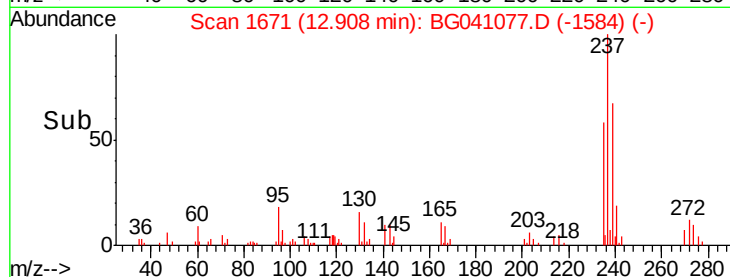
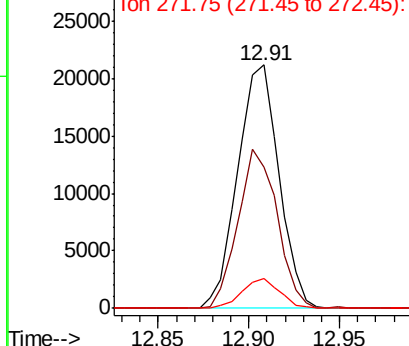
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	58.1	45.5	85.5	
272	12.0	0.0	32.9	

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM

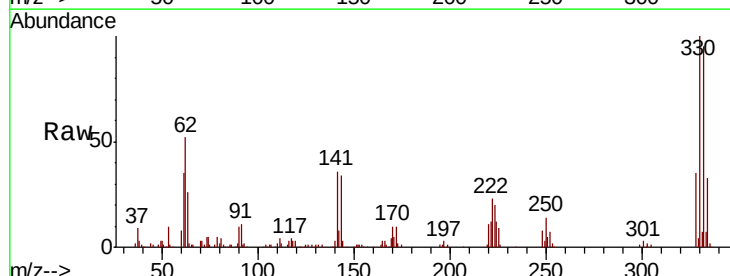


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

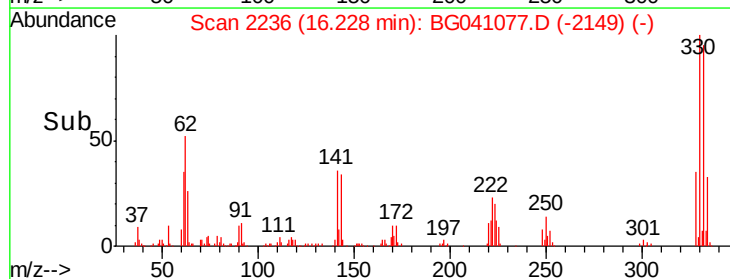
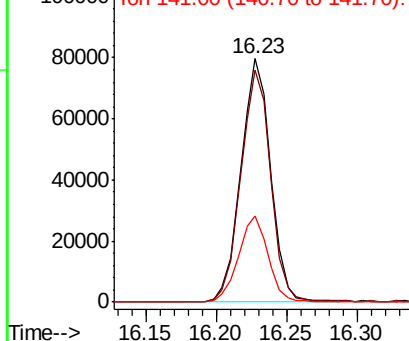


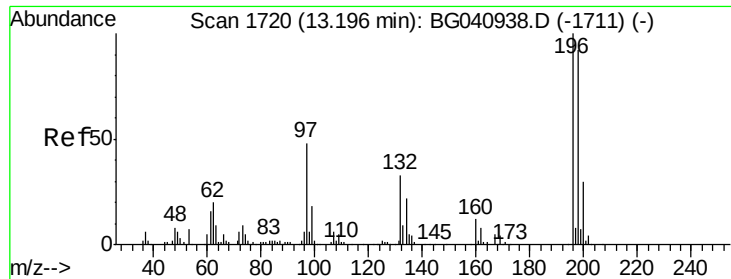
#42
2,4,6-Tribromophenol
Concen: 87.508 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	78.5	117.7	
141	34.9	28.7	43.1	



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





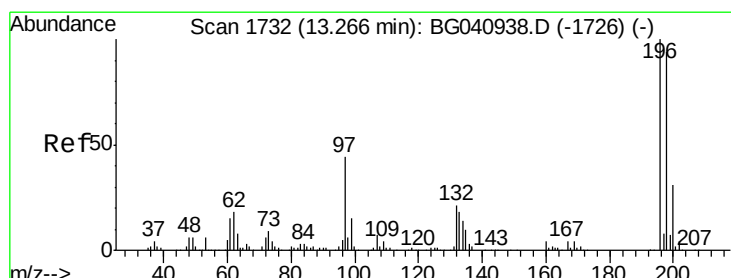
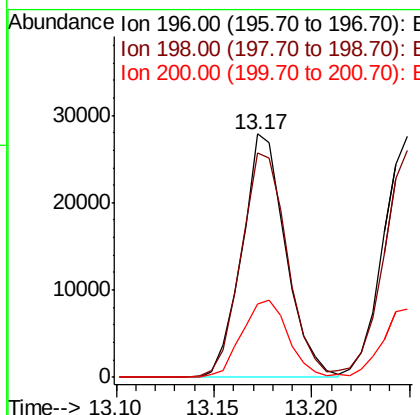
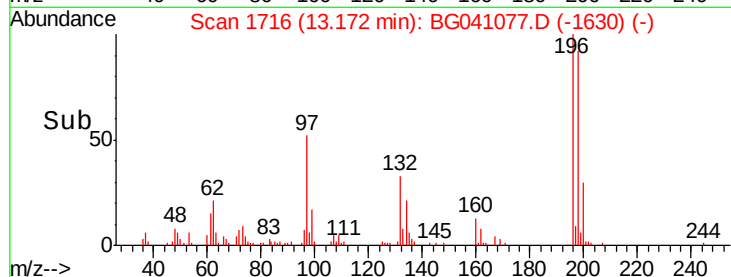
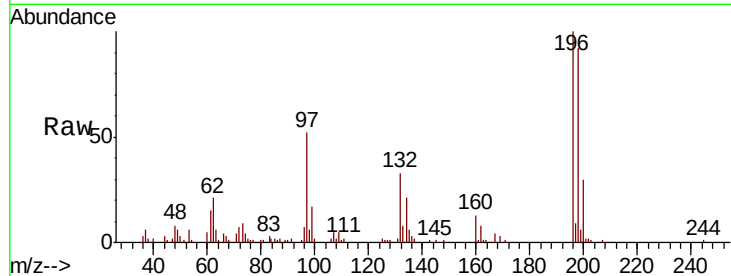
#43
 2,4,6-Trichlorophenol
 Concen: 18.407 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion:196 Resp: 43345
 Ion Ratio Lower Upper
 196 100
 198 92.0 73.8 110.6
 200 29.9 24.1 36.1

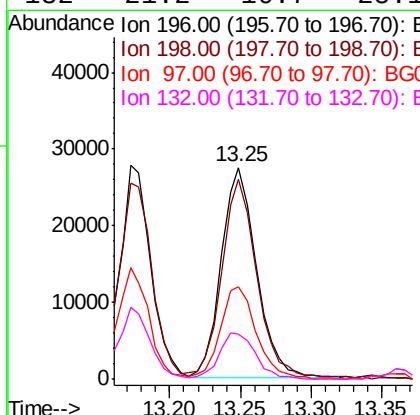
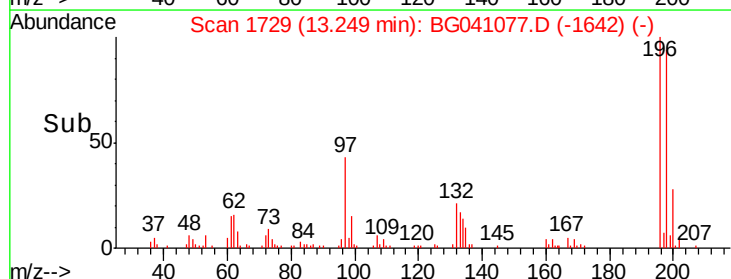
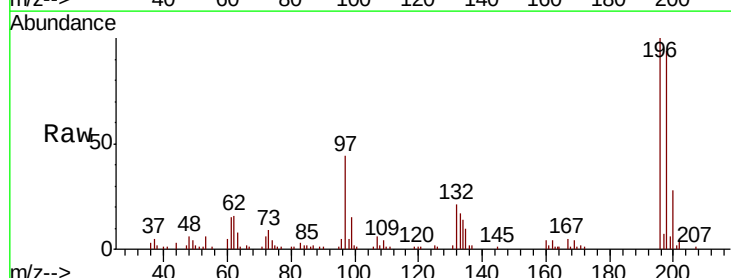
Manual Integrations
 APPROVED

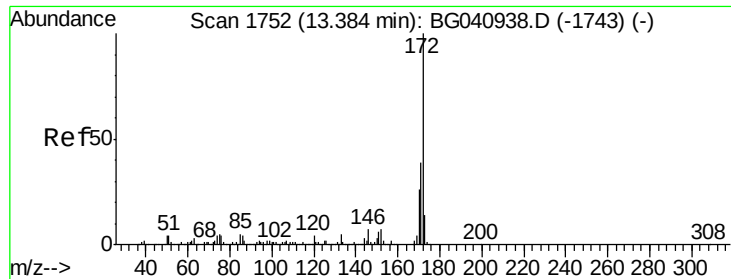
mohammad
 6/6/2019 3:42:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 19.173 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion:196 Resp: 47614
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.1 112.7
 97 43.7 35.6 53.4
 132 21.2 16.7 25.1





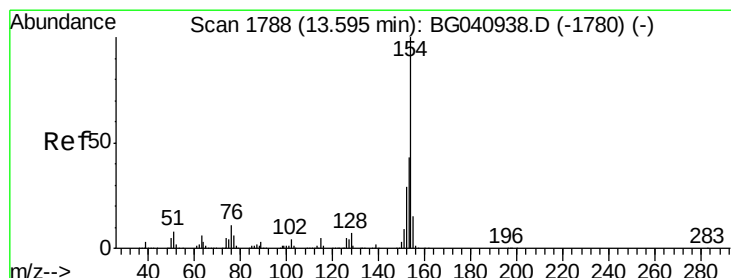
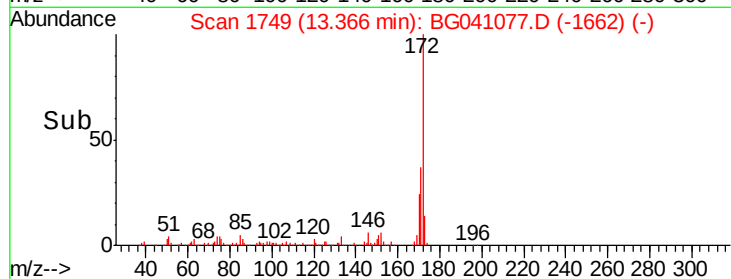
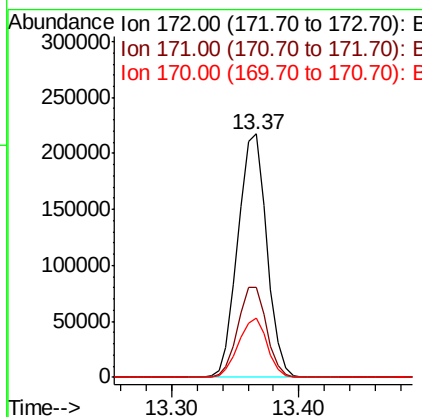
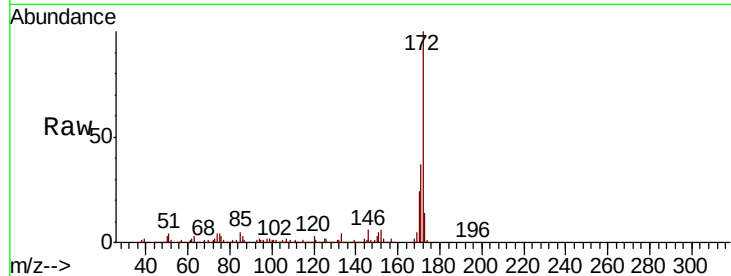
#45
2-Fluorobiphenyl
Concen: 54.734 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.9	31.1	46.7
170	24.1	20.5	30.7

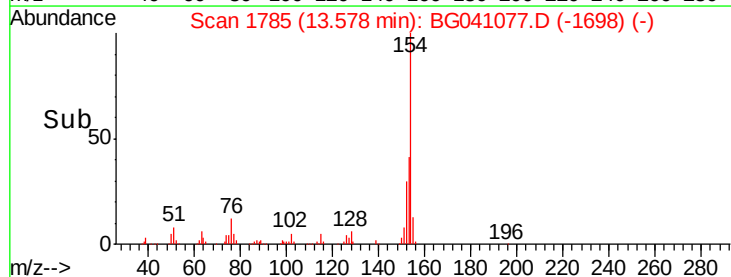
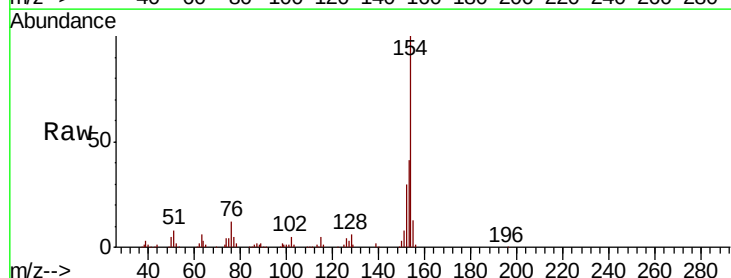
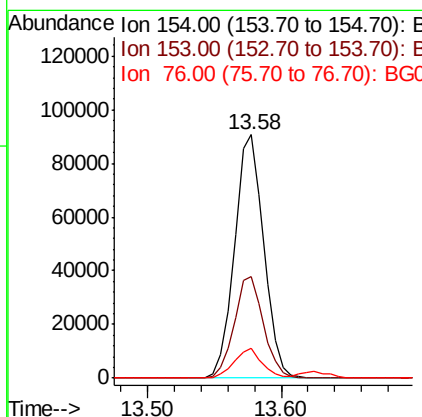
Manual Integrations
APPROVED

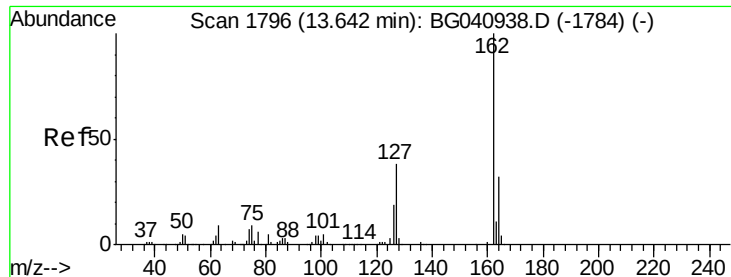
mohammad
6/6/2019 3:42:29 PM



#46
1,1'-Biphenyl
Concen: 20.532 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.5	23.3	63.3
76	12.2	0.0	31.1





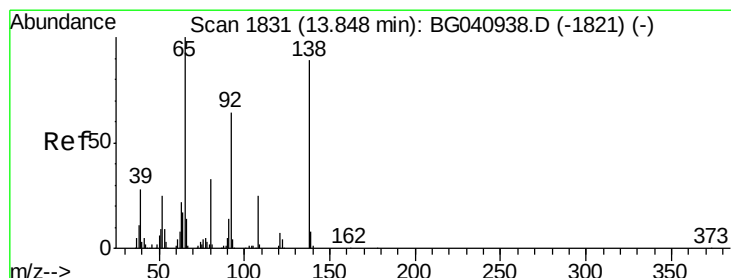
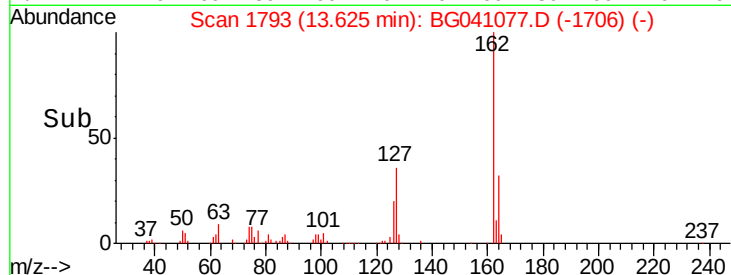
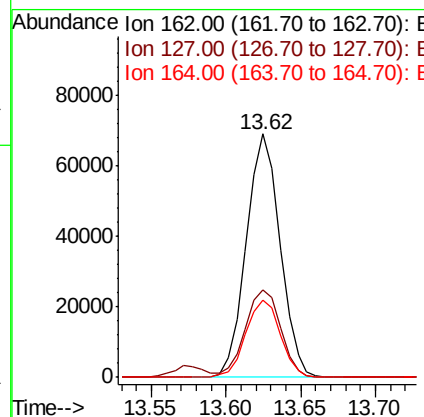
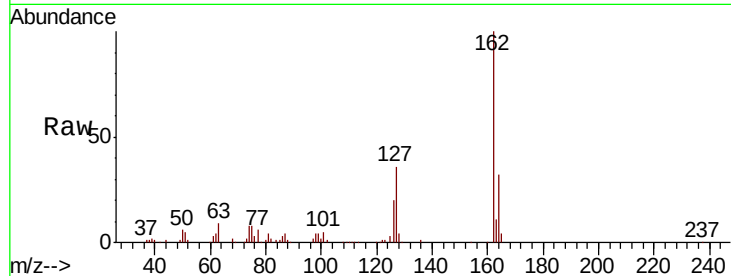
#47
2-Chloronaphthalene
Concen: 18.860 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100	108235		
127	35.9	30.5	45.7	
164	31.7	25.8	38.6	

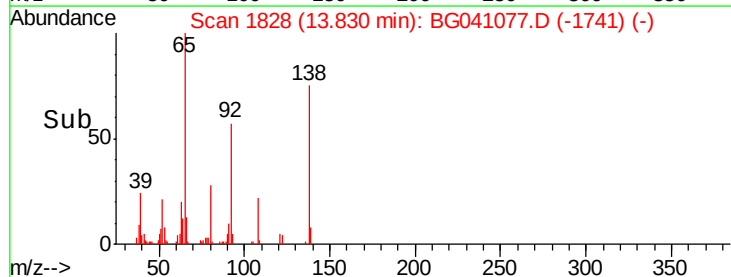
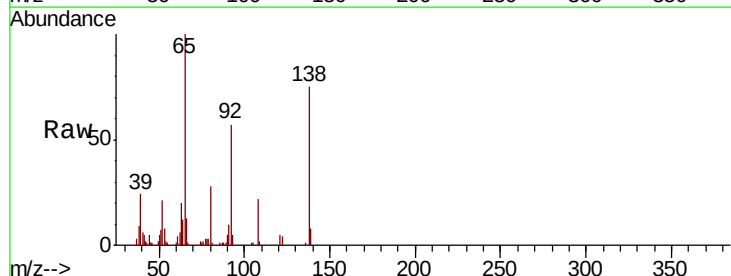
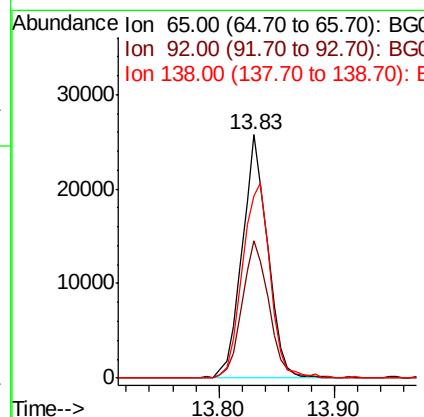
Manual Integrations
APPROVED

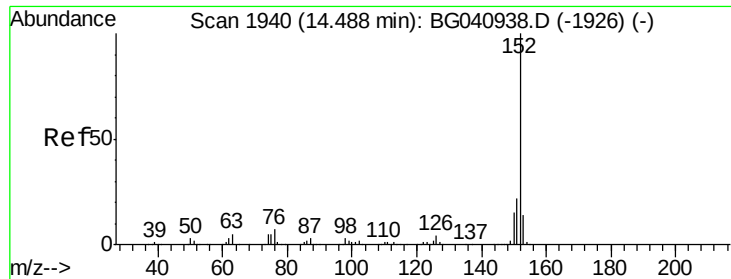
mohammad
6/6/2019 3:42:29 PM



#48
2-Nitroaniline
Concen: 19.216 ng
RT: 13.83 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	39563		
92	56.5	51.0	76.6	
138	74.8	71.2	106.8	





#49

Acenaphthylene

Concen: 19.314 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

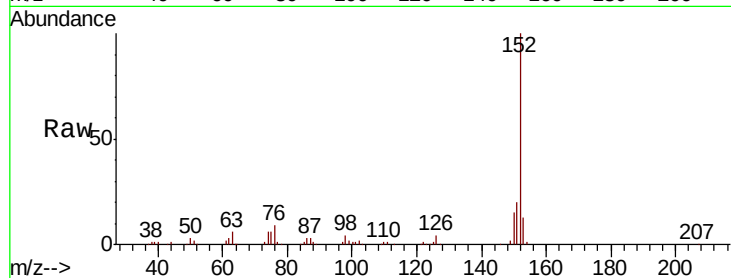
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	152	Resp:	166828
Ion Ratio	Lower	Upper	
152	100		
151	20.1	17.4	26.0
153	13.5	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM

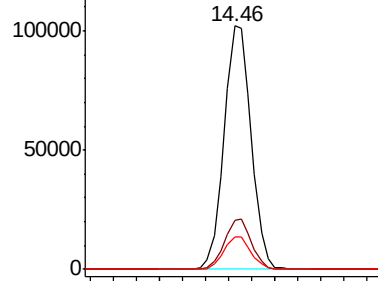


Abundance

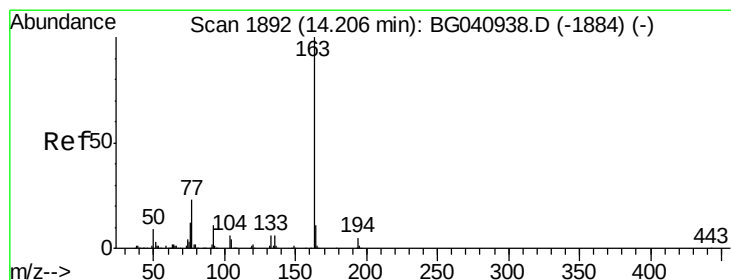
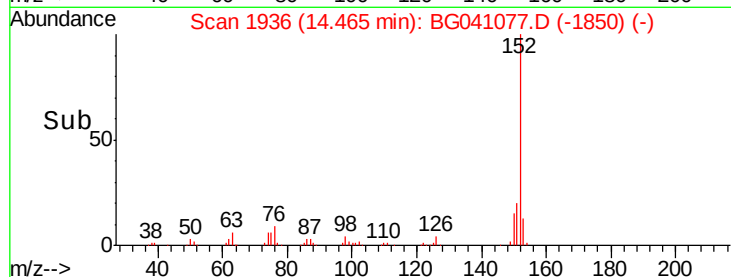
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 18.021 ng

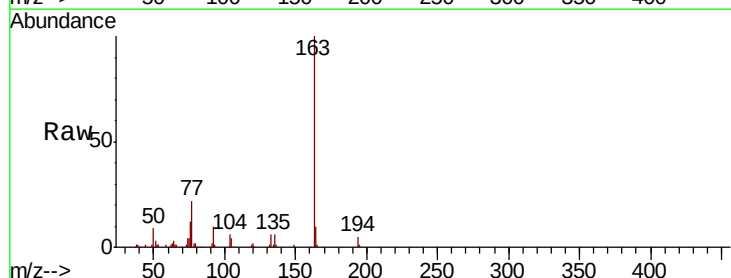
RT: 14.18 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion:	163	Resp:	137768
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.8	5.8
164	9.9	8.7	13.1

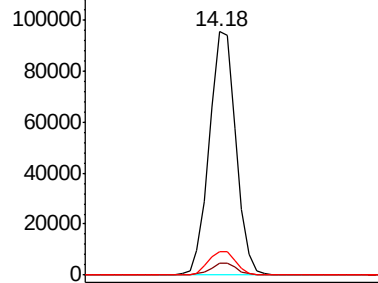


Abundance

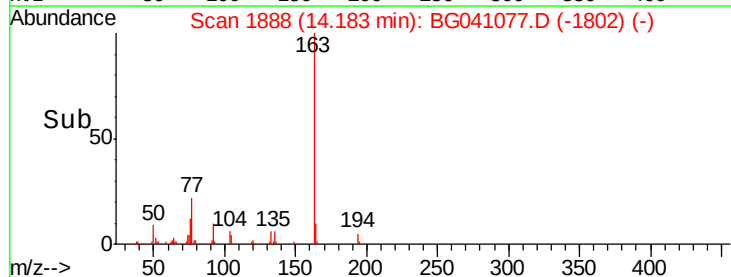
Ion 163.00 (162.70 to 163.70): E

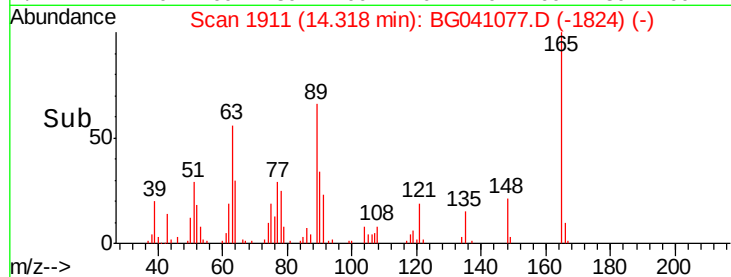
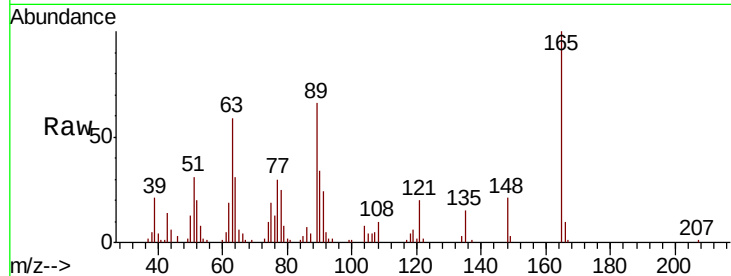
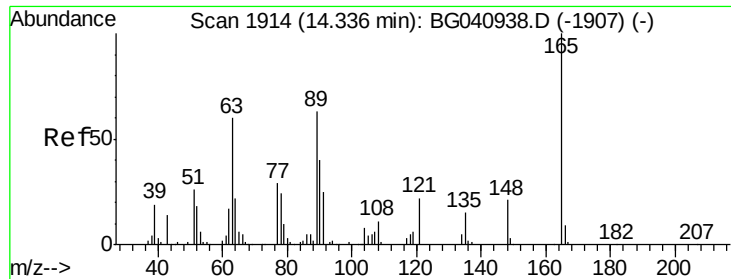
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





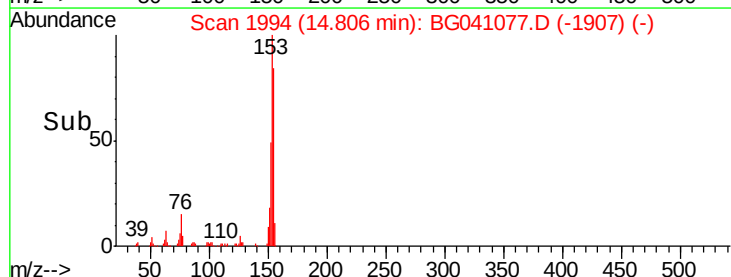
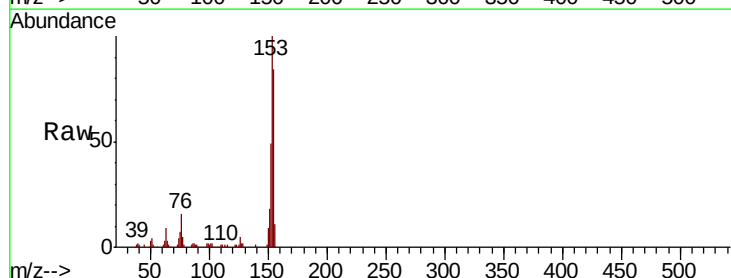
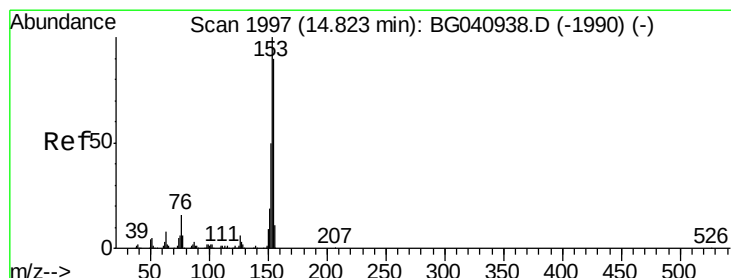
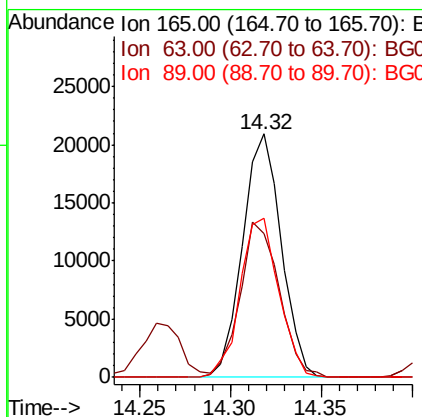
#51
2,6-Dinitrotoluene
Concen: 18.797 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.9	53.6	80.4
89	65.6	50.4	75.6

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

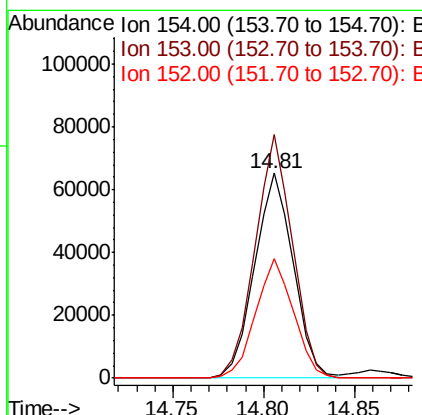
Manual Integrations
APPROVED

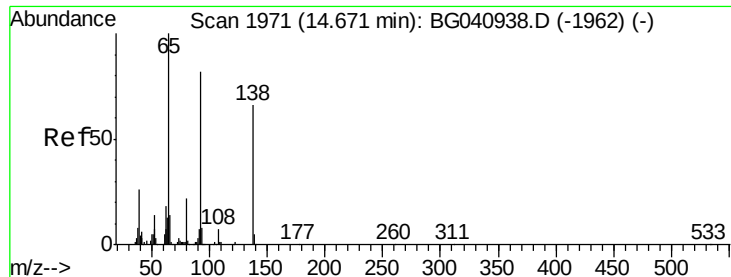
mohammad
6/6/2019 3:42:29 PM



#52
Acenaphthene
Concen: 18.325 ng
RT: 14.81 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.8	88.6	133.0
152	58.1	44.2	66.4





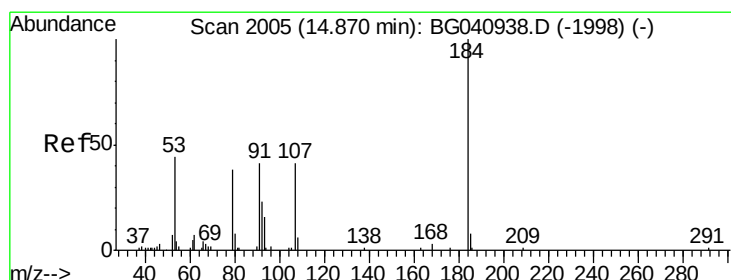
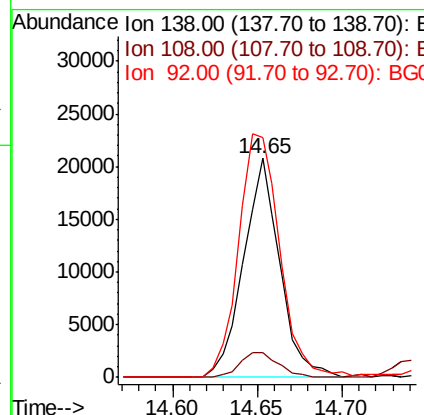
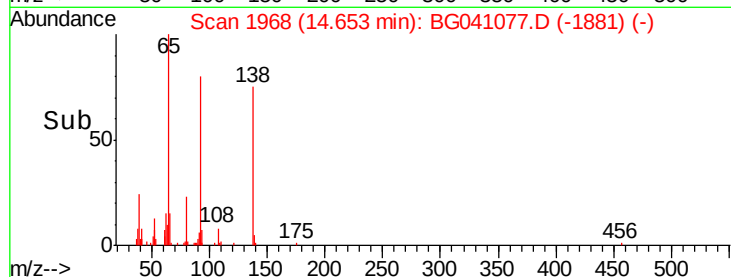
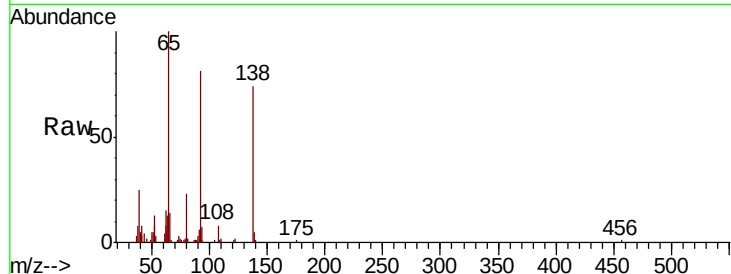
#53
3-Nitroaniline
Concen: 18.863 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.5	12.7
92	109.5	99.0	148.6

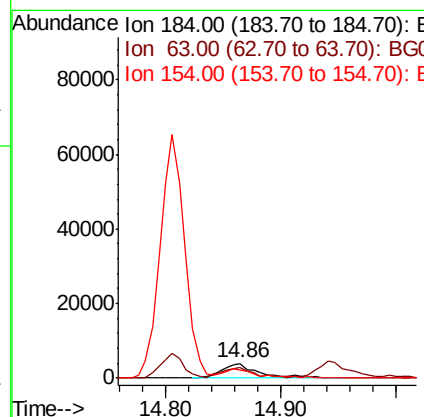
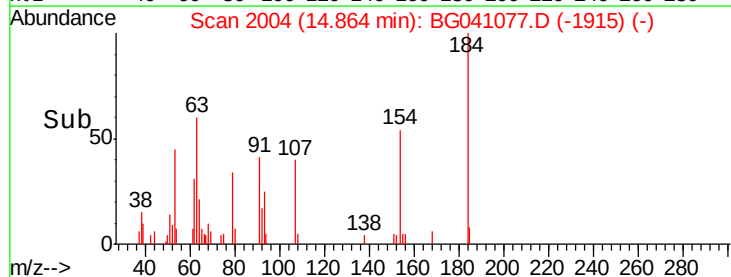
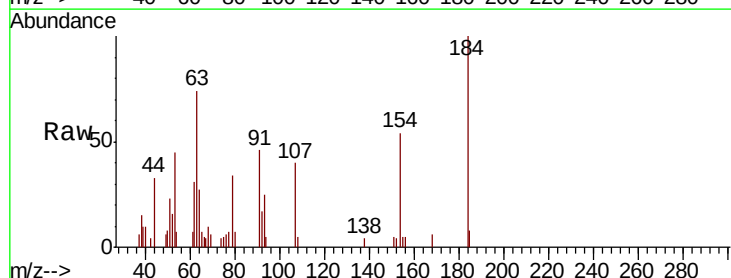
Manual Integrations
APPROVED

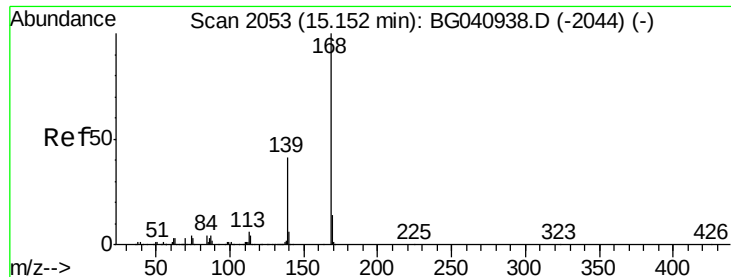
mohammad
6/6/2019 3:42:29 PM



#54
2,4-Dinitrophenol
Concen: 19.797 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.8	49.8	74.6
154	53.8	52.2	78.4





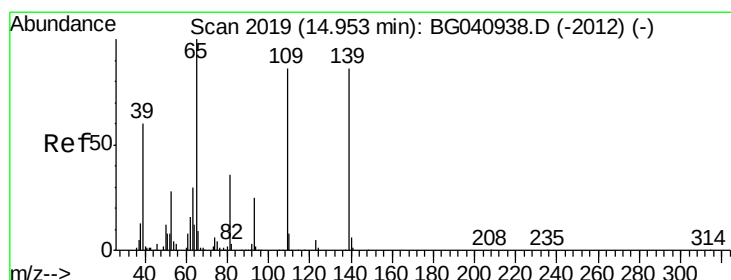
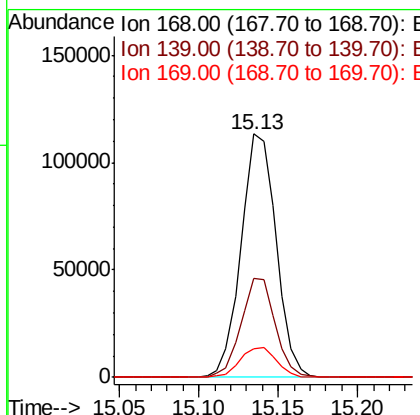
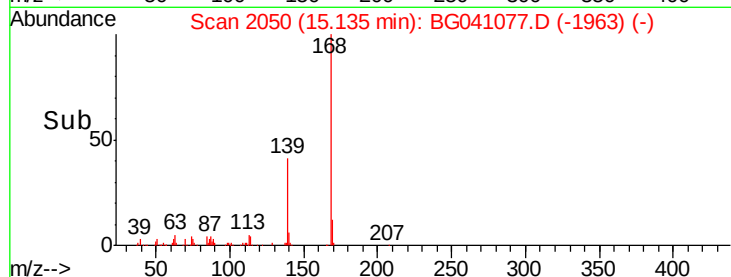
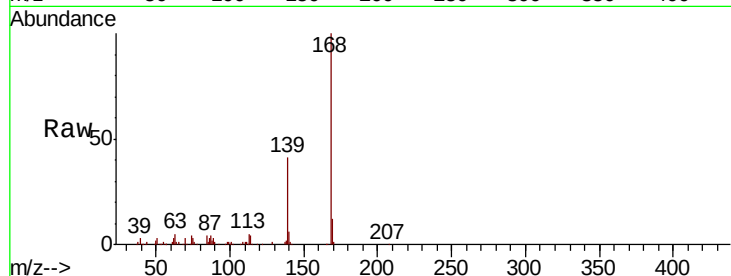
#55
Dibenzofuran
Concen: 19.747 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.8	49.2
169	11.5	11.3	16.9

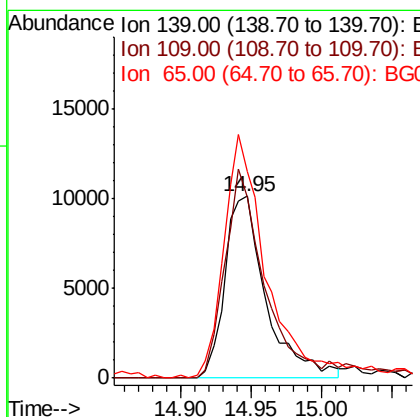
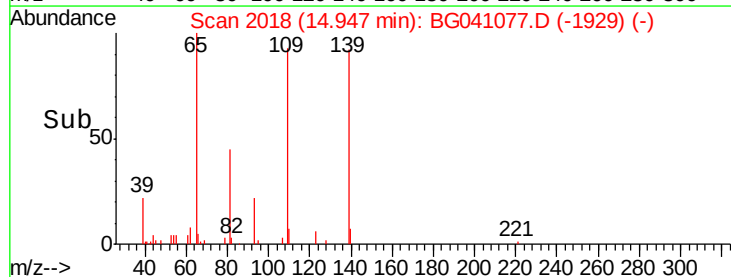
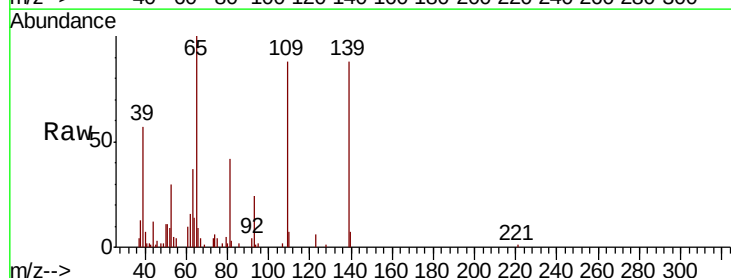
Manual Integrations
APPROVED

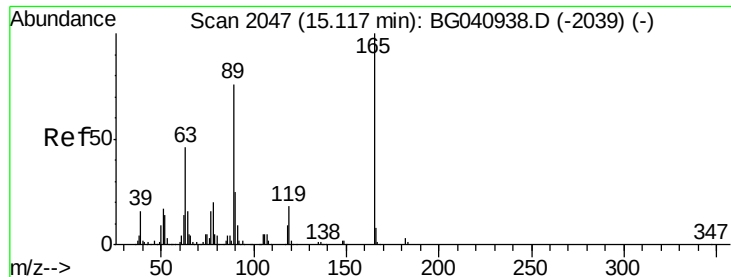
mohammad
6/6/2019 3:42:29 PM



#56
4-Nitrophenol
Concen: 18.240 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.7	79.6	119.6
65	113.2	96.9	136.9





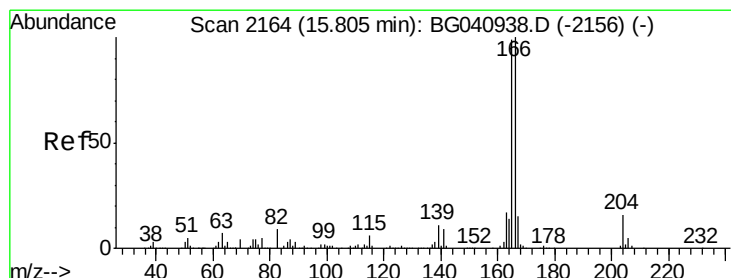
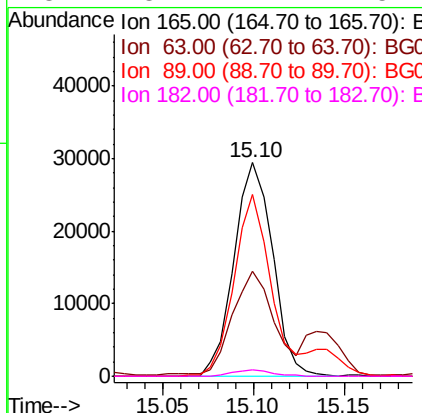
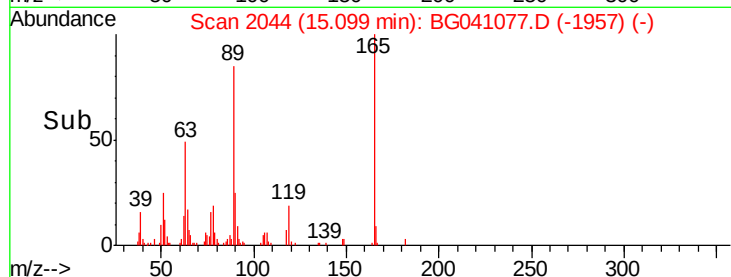
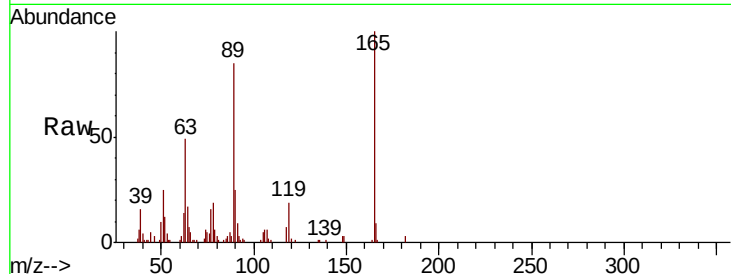
#57
2,4-Dinitrotoluene
Concen: 18.824 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.9	37.3	55.9
89	85.0	61.0	91.6
182	3.2	2.2	3.2

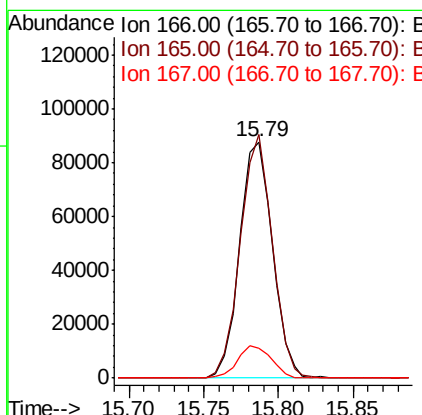
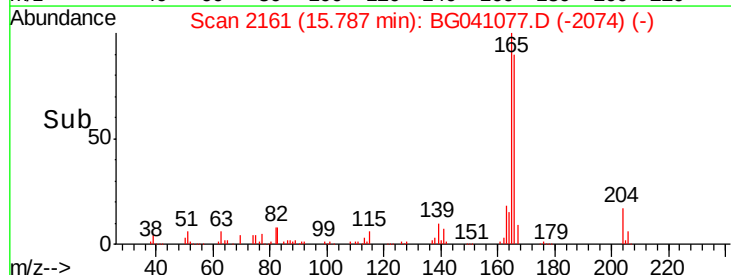
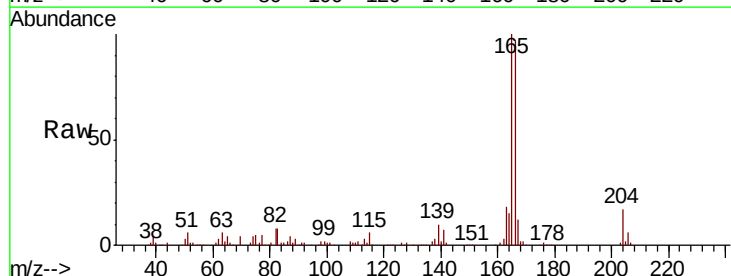
Manual Integrations
APPROVED

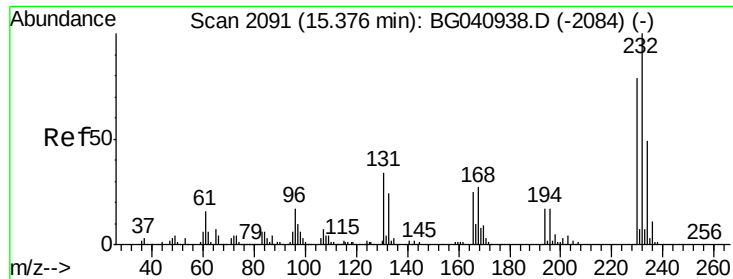
mohammad
6/6/2019 3:42:29 PM



#58
Fluorene
Concen: 19.060 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.1	79.2	118.8
167	12.6	11.8	17.6





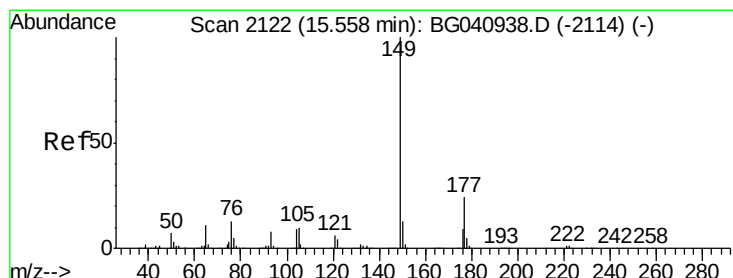
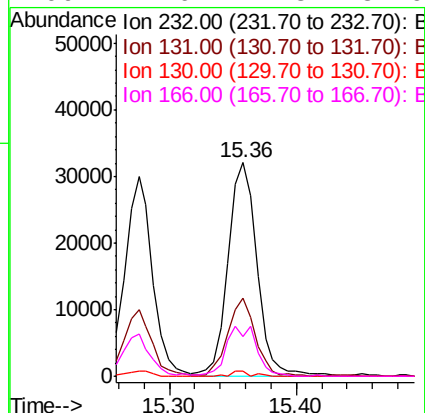
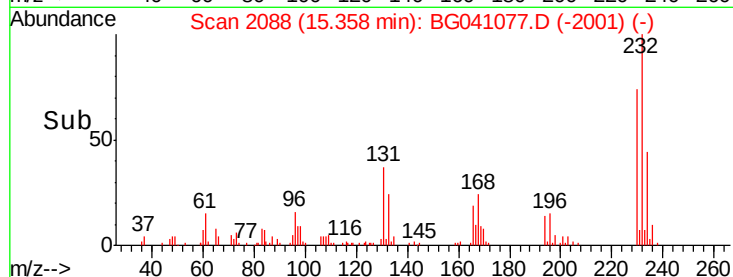
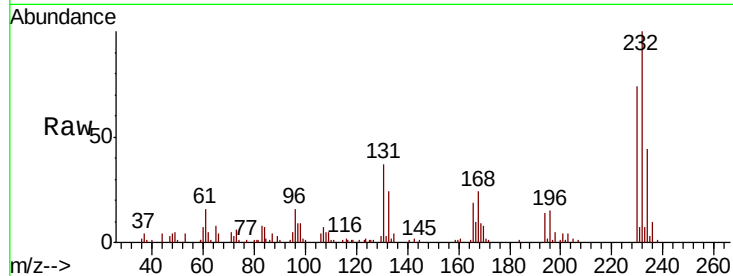
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.832 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.1	30.3	45.5
130	1.7	1.8	2.8
166	24.6	21.3	31.9

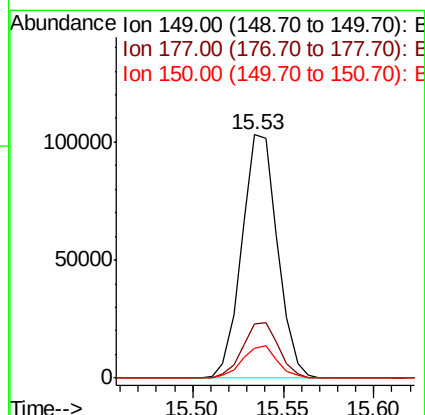
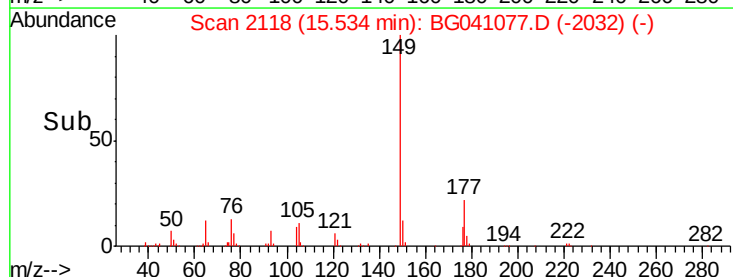
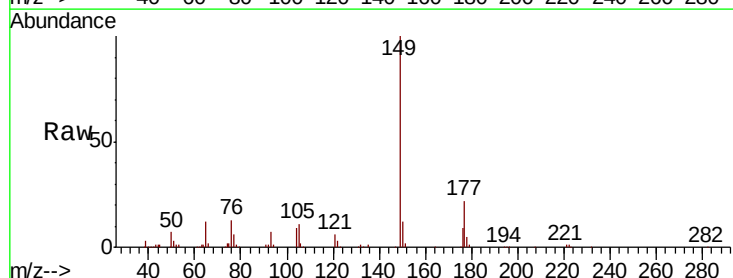
Manual Integrations
 APPROVED

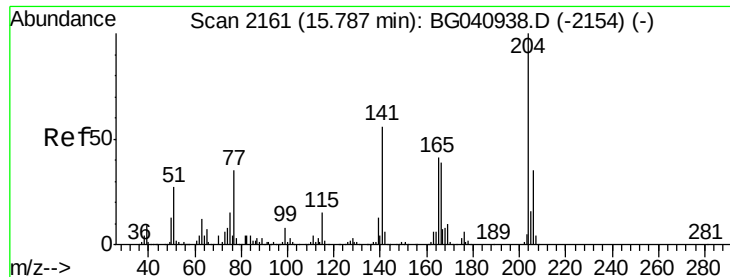
mohammad
 6/6/2019 3:42:29 PM



#60
 Diethylphthalate
 Concen: 18.077 ng
 RT: 15.53 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	19.4	29.0
150	12.2	10.3	15.5





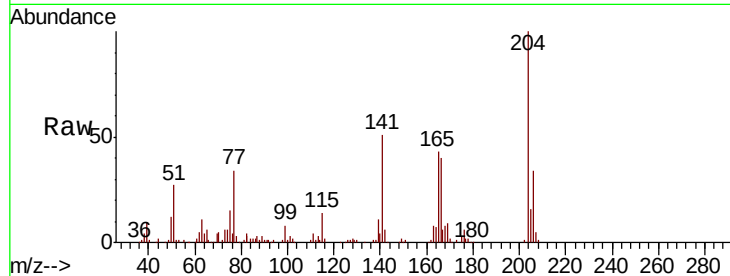
#61
 4-Chlorophenyl-phenylether
 Concen: 18.004 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.6	41.4
141	50.5	45.1	67.7

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:42:29 PM

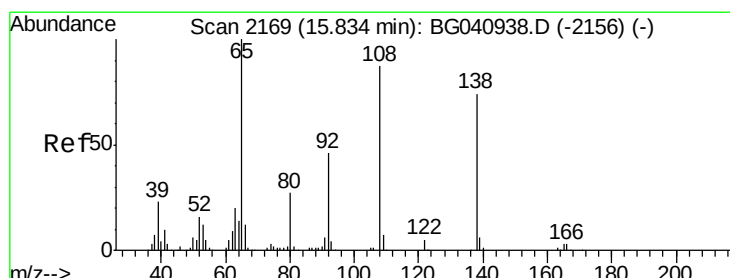
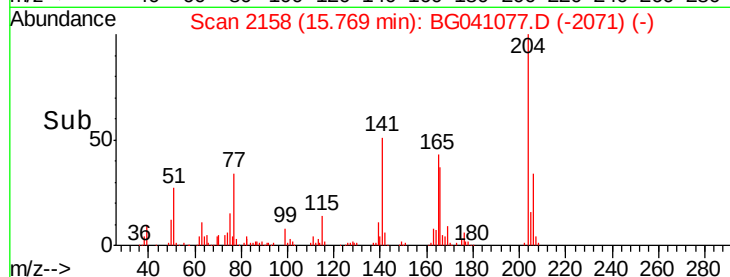
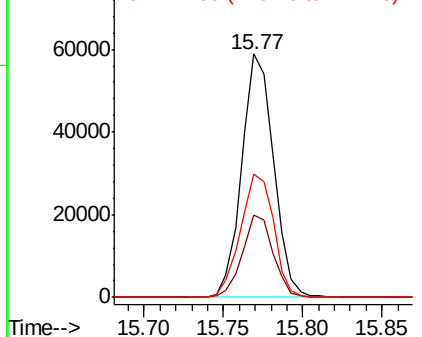


Abundance

Ion 204.00 (203.70 to 204.70): E

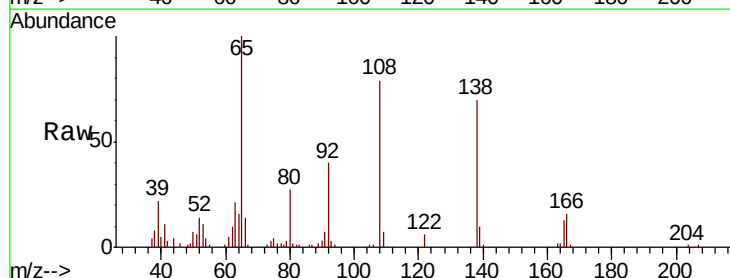
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 19.534 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	42.4	82.4
108	113.0	96.9	136.9

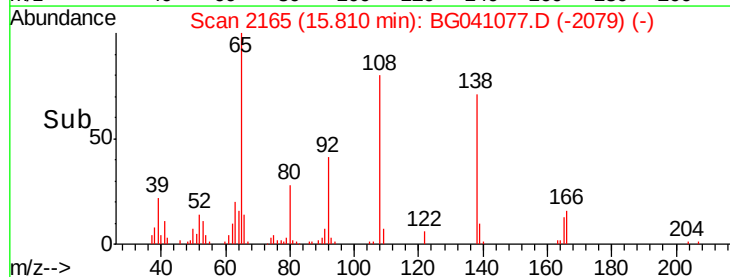
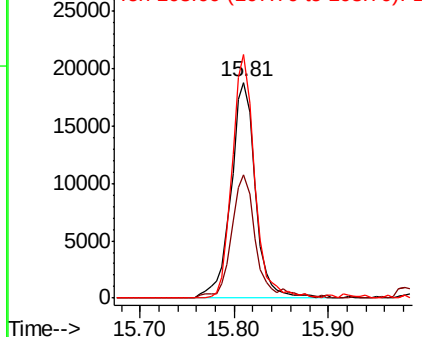


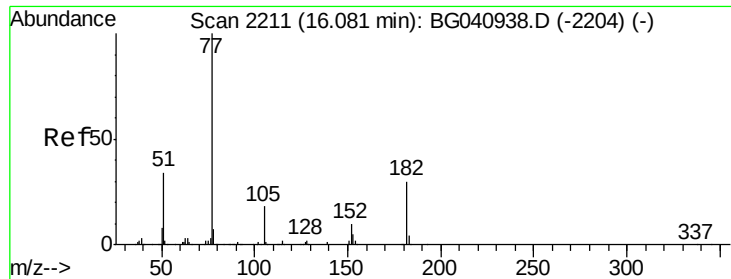
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





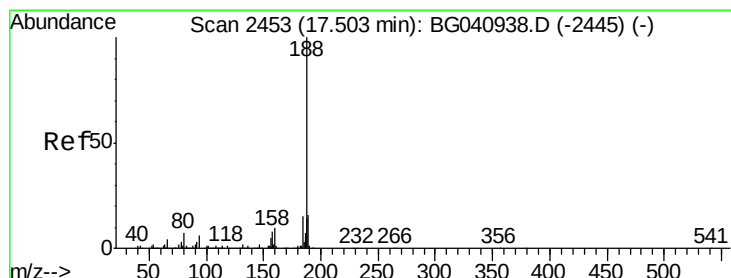
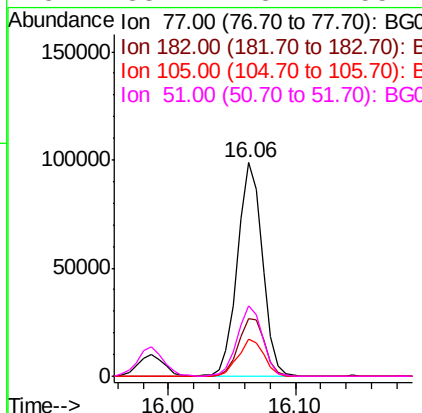
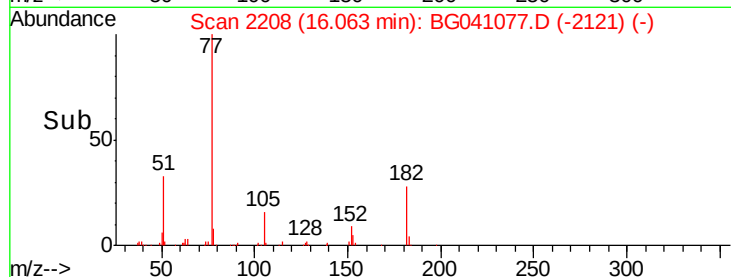
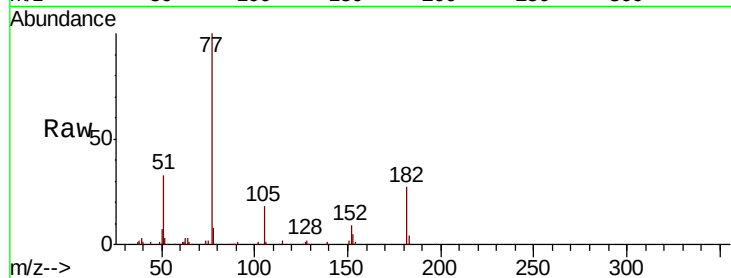
#63
Azobenzene
Concen: 18.750 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.2	9.6	49.6
105	17.7	0.0	37.5
51	33.1	13.7	53.7

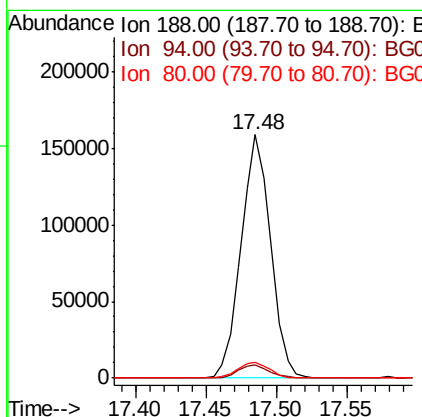
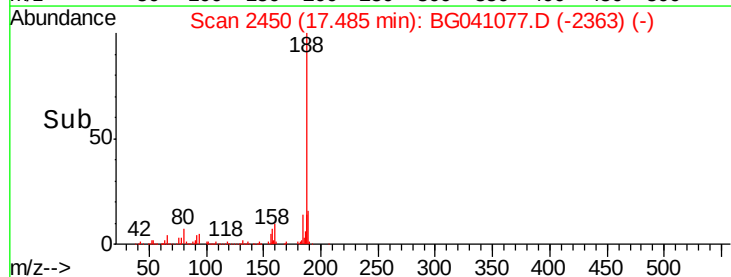
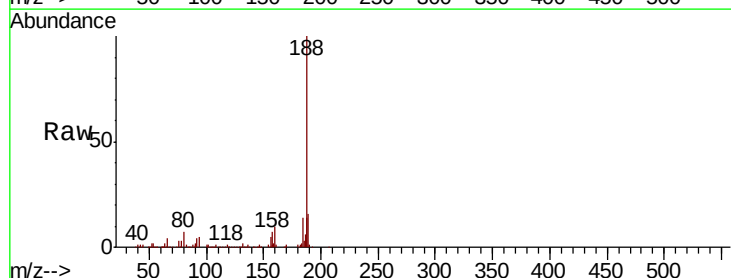
Manual Integrations
APPROVED

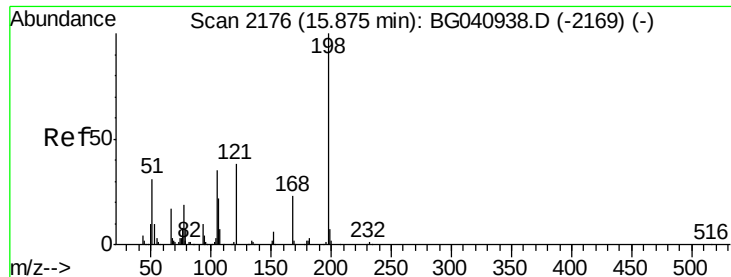
mohammad
6/6/2019 3:42:29 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.7	7.1
80	6.7	5.8	8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 22.983 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

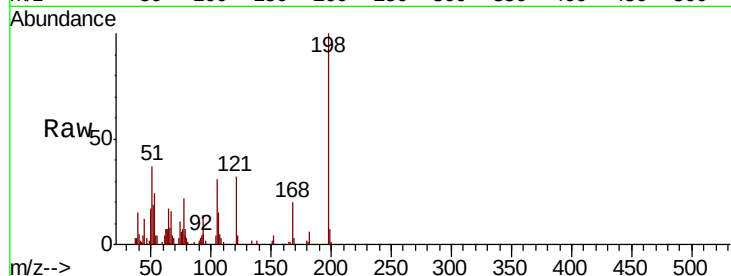
ClientSampleId :

LOQ-WATER-02-QT2-2019

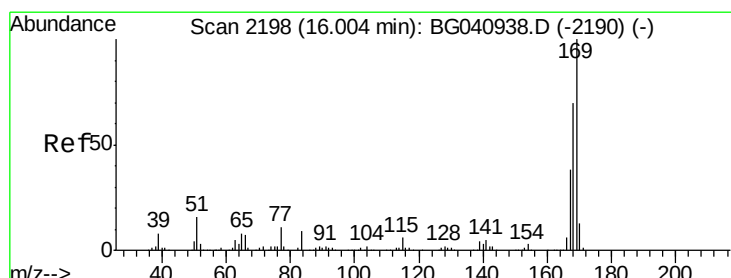
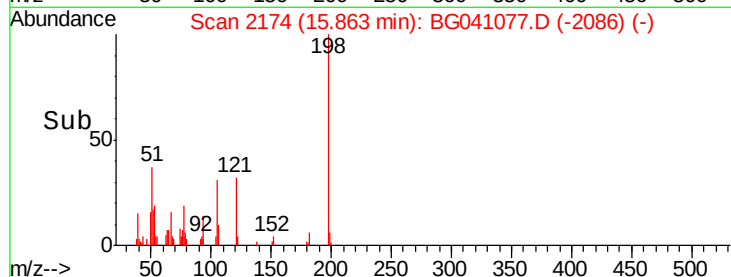
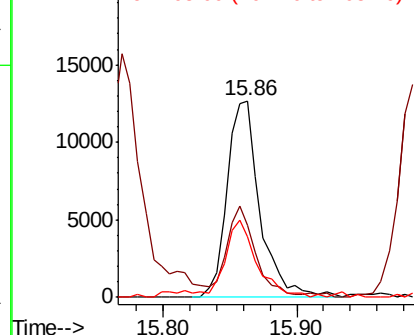
Tot Ion:	198	Resp:	21853
Ion Ratio	Lower	Upper	
198	100		
51	36.8	21.6	61.6
105	30.9	17.5	57.5

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



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



#66

n-Nitrosodiphenylamine

Concen: 18.528 ng

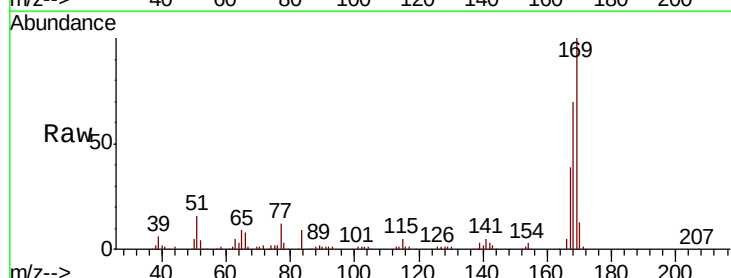
RT: 15.99 min Scan# 2195

Delta R.T. -0.02 min

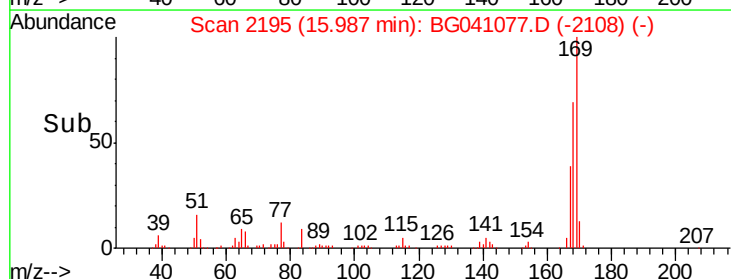
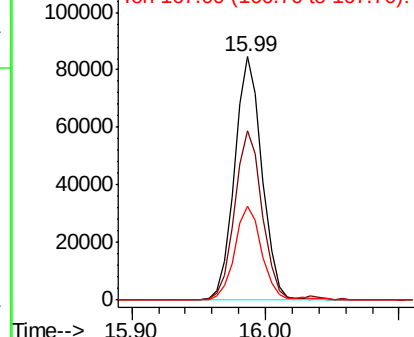
Lab File: BG041077.D

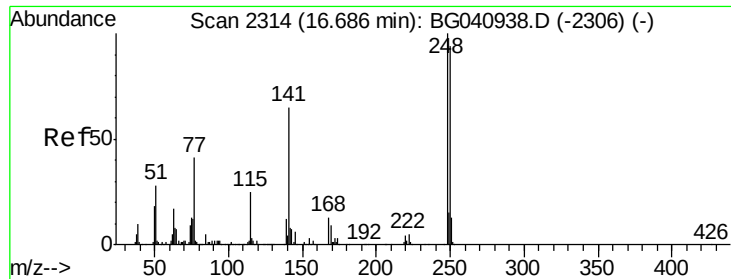
Acq: 5 Jun 2019 18:15

Tgt Ion:	169	Resp:	121164
Ion Ratio	Lower	Upper	
169	100		
168	69.6	55.7	83.5
167	38.8	30.2	45.2



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





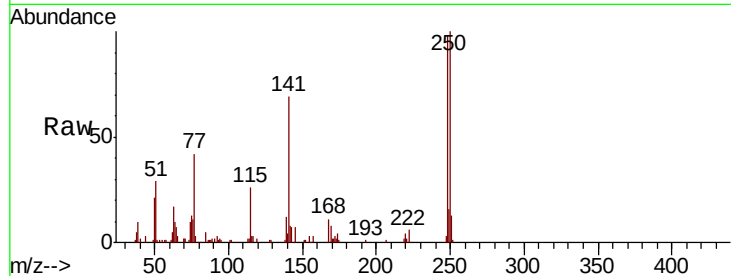
#67
4-Bromophenyl-phenylether
Concen: 17.225 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.0	75.0	112.4
141	70.2	52.4	78.6

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM

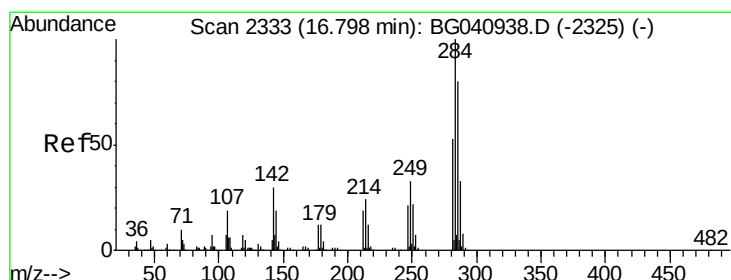
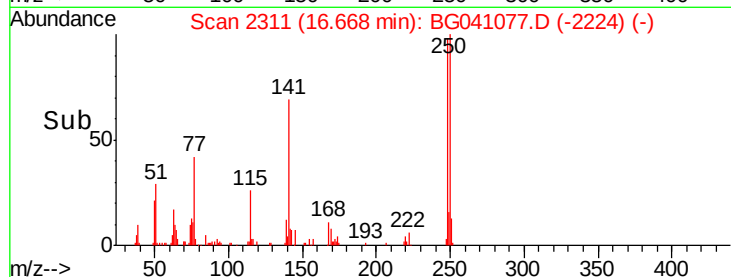
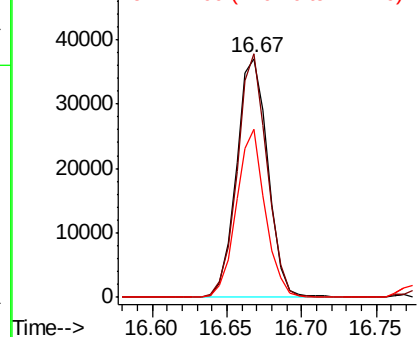


Abundance

Ion 248.00 (247.70 to 248.70): E

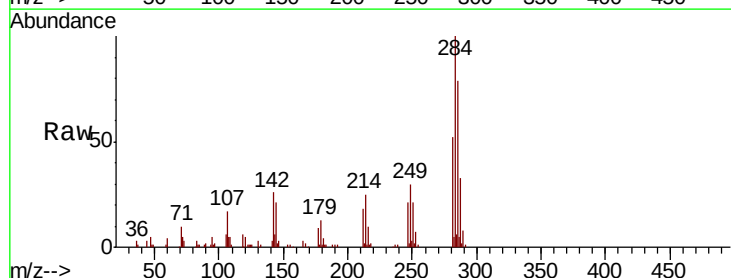
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 17.309 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.3	23.9	35.9
249	32.9	26.8	40.2

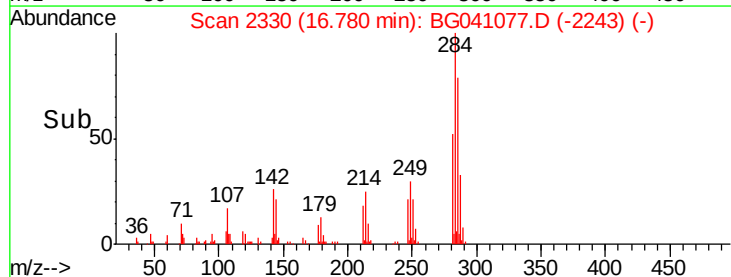
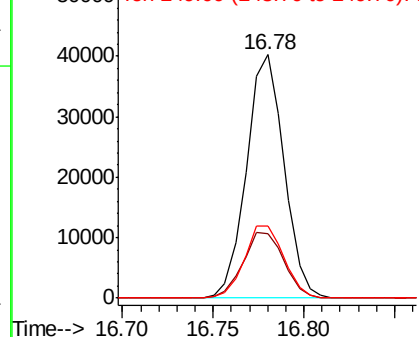


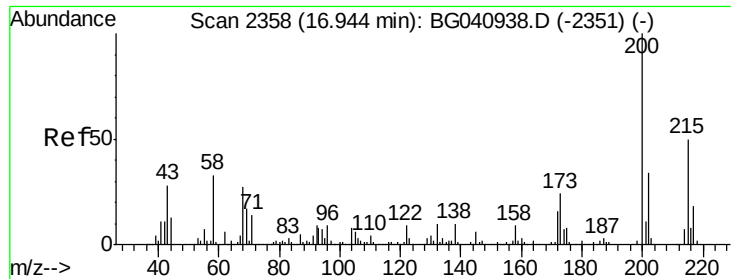
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





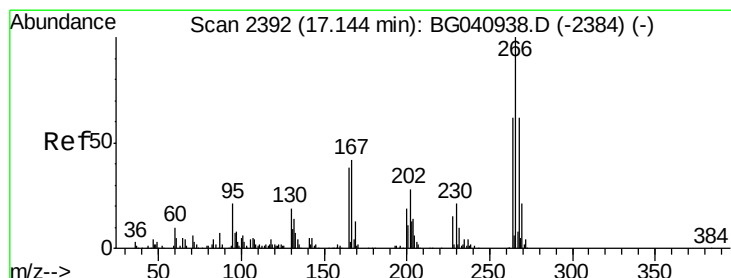
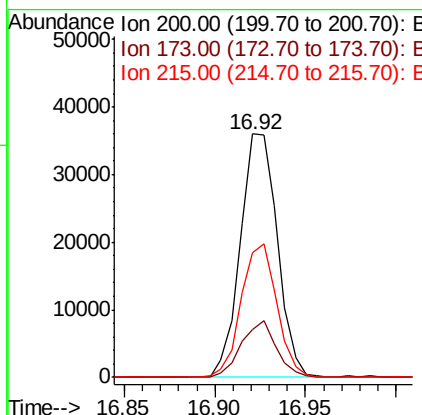
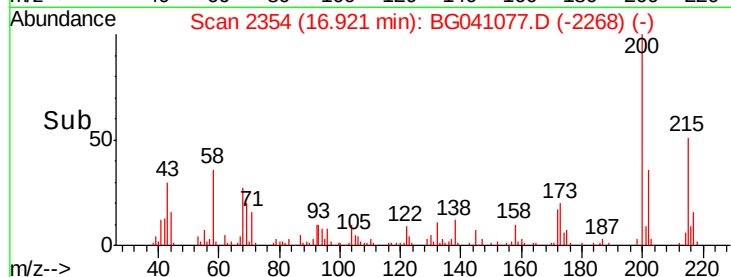
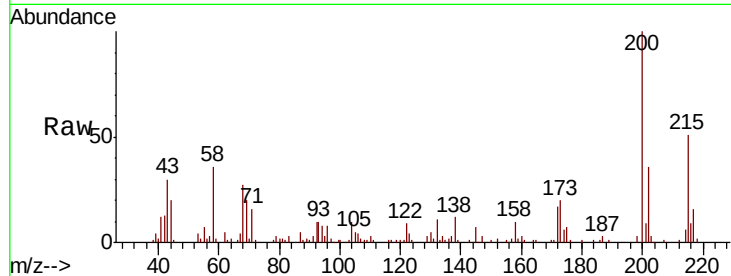
#69
Atrazine
Concen: 20.303 ng
RT: 16.92 min Scan# 2354
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
200	100	51229		
173	19.8	3.6	43.6	
215	51.1	29.6	69.6	

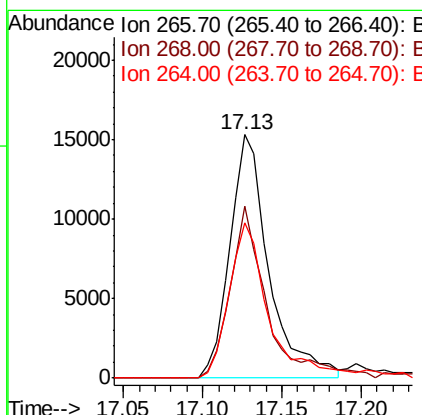
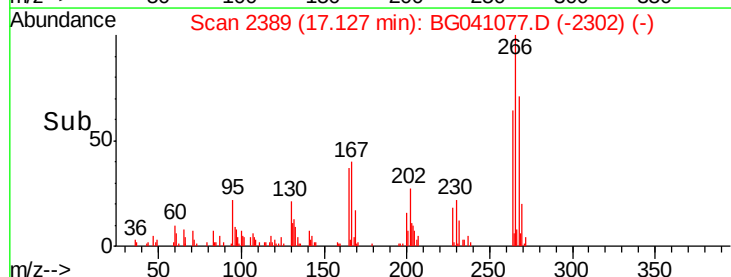
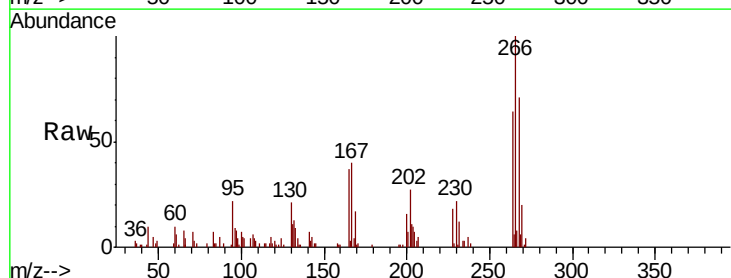
Manual Integrations
APPROVED

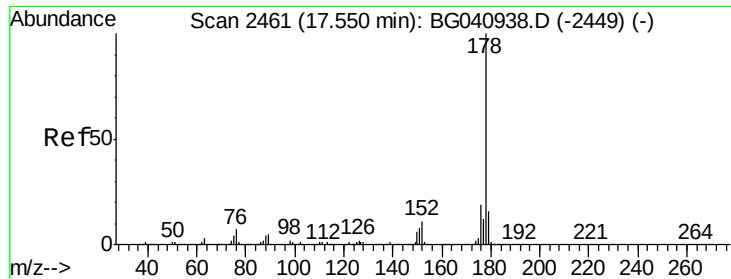
mohammad
6/6/2019 3:42:29 PM



#70
Pentachlorophenol
Concen: 18.055 ng
RT: 17.13 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	26100		
268	70.5	53.1	79.7	
264	63.7	49.9	74.9	





#71

Phenanthrene

Concen: 19.843 ng

RT: 17.53 min Scan# 2457

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

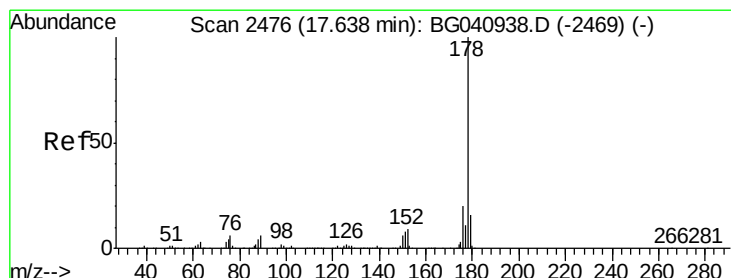
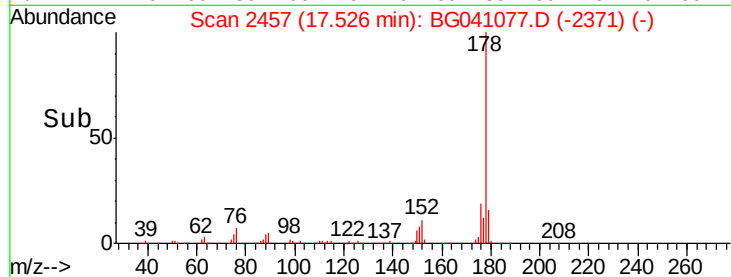
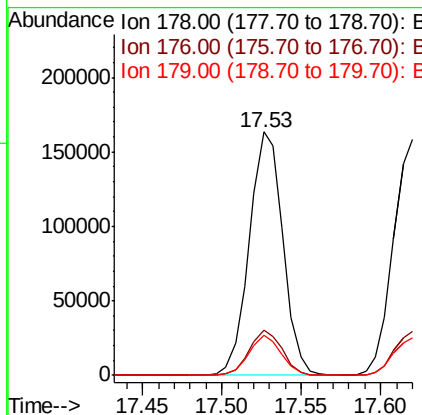
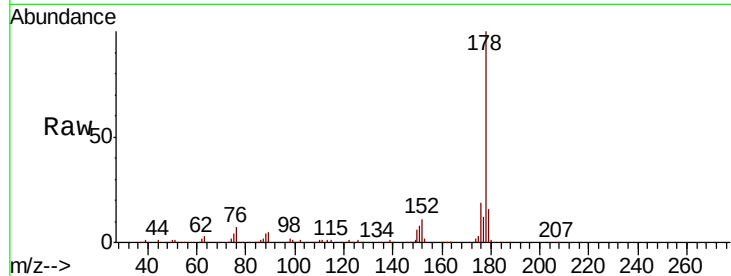
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:178	Resp:	240438
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.5 23.3
179	16.4	12.7 19.1

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



#72

Anthracene

Concen: 20.127 ng

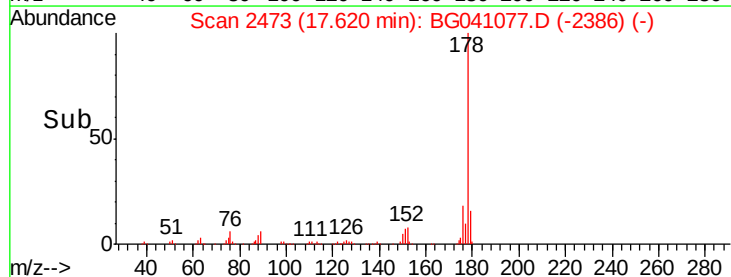
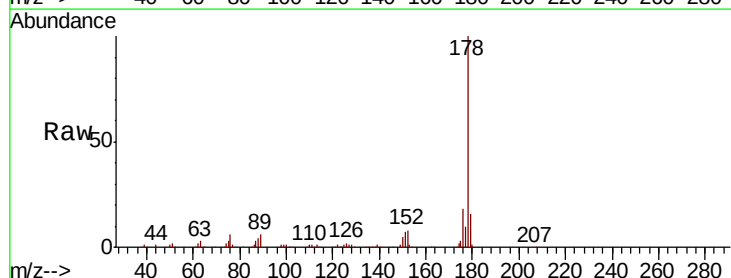
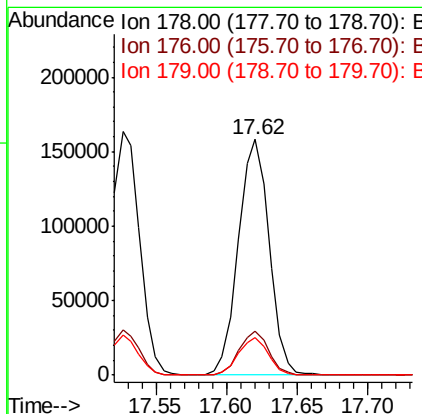
RT: 17.62 min Scan# 2473

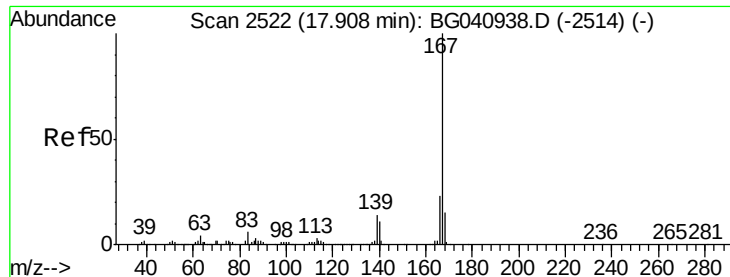
Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion:178	Resp:	240529
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.6 23.4
179	15.7	13.0 19.4





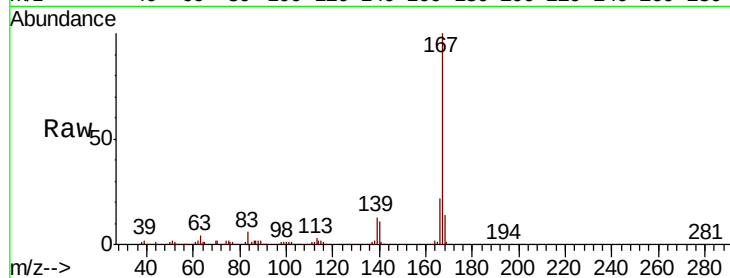
#73
 Carbazole
 Concen: 21.418 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
167	100	219626		
166	21.7		18.2	27.4
139	12.9		10.8	16.2

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:42:29 PM

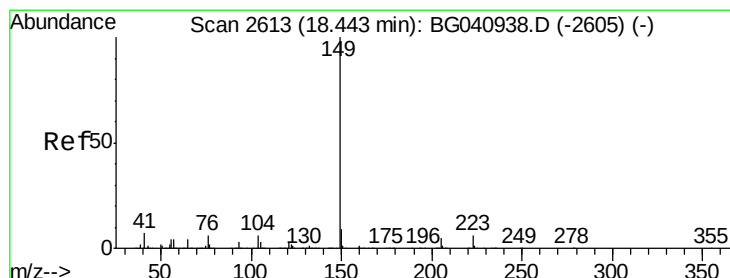
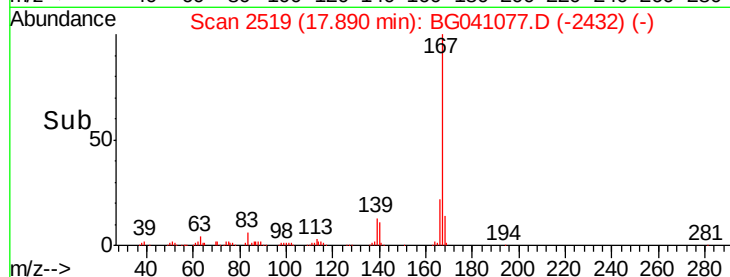
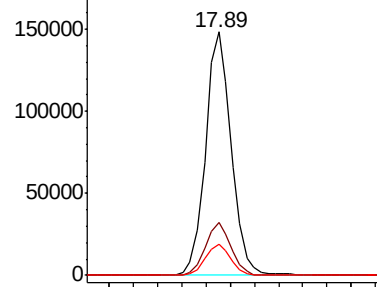


Abundance

Ion 167.00 (166.70 to 167.70): E

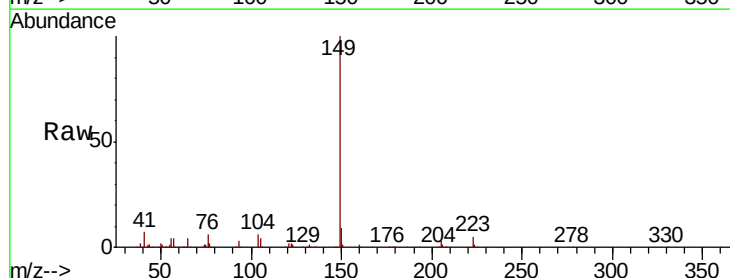
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 19.404 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	247301		
150	9.0		7.4	11.2
104	6.1		5.0	7.4

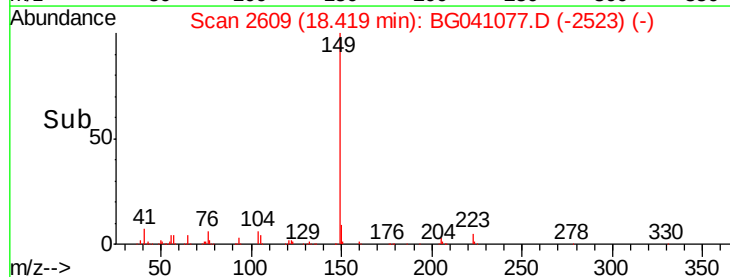
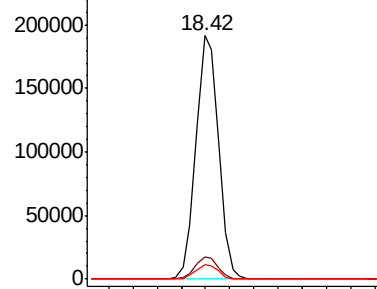


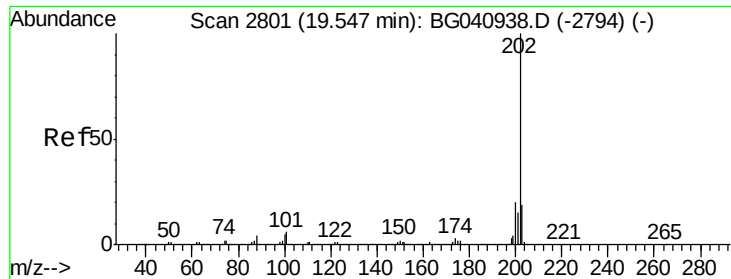
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 22.113 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

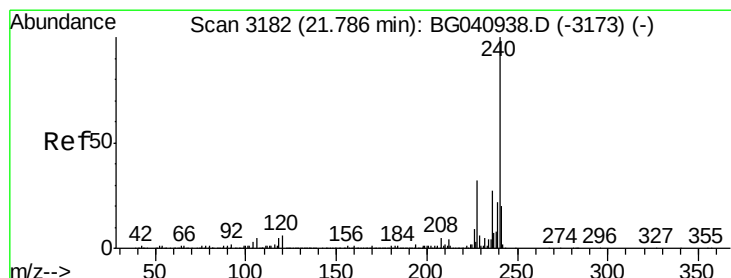
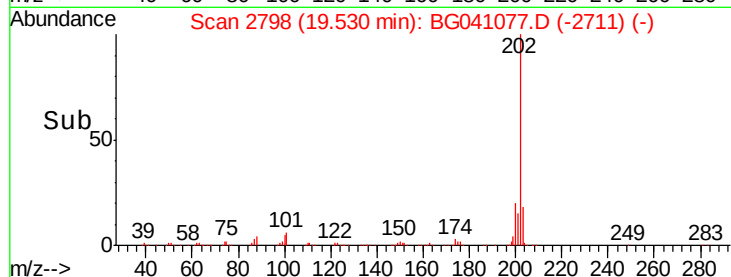
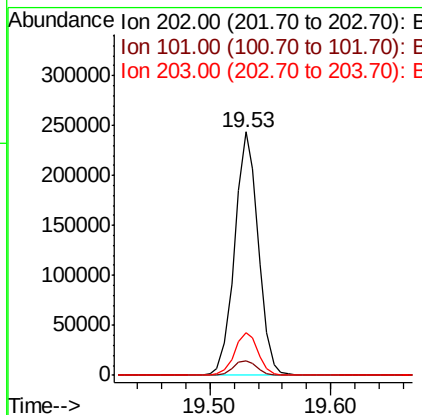
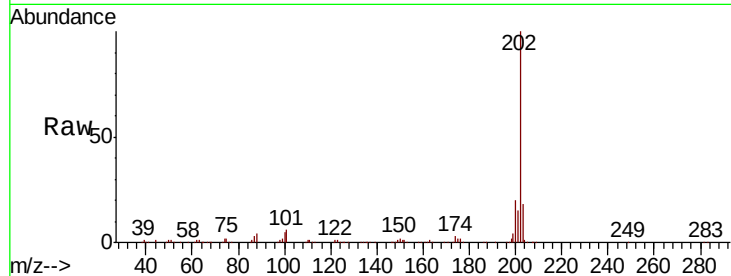
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		330958		
101	6.2	0.0	26.2		
203	17.7	0.0	38.7		

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



#76

Chrysene-d12

Concen: 20.000 ng

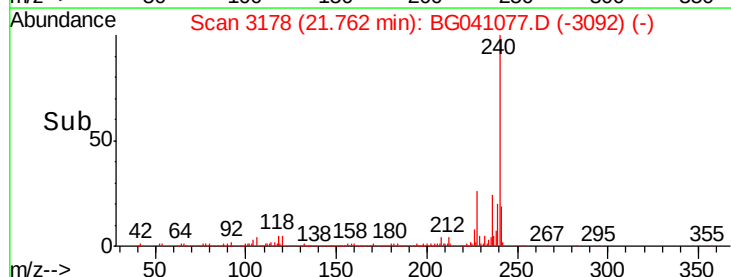
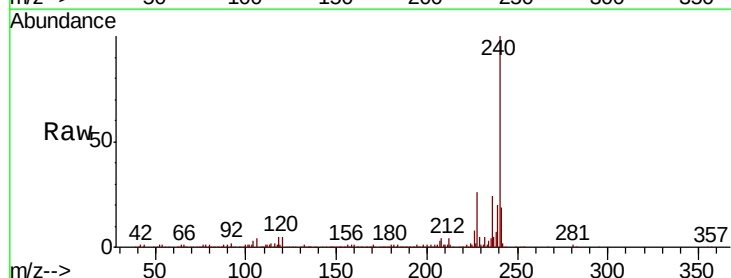
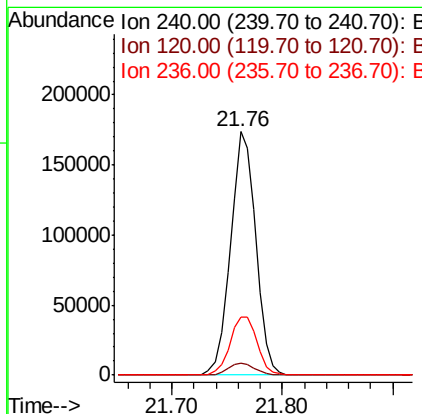
RT: 21.76 min Scan# 3178

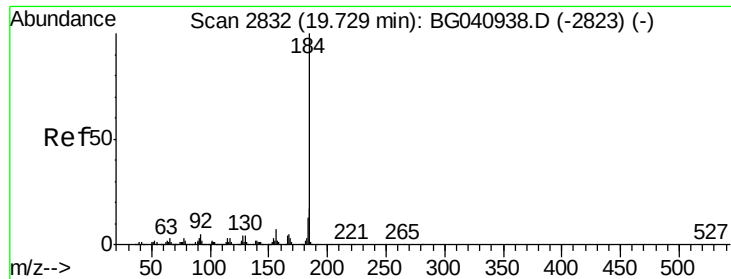
Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		278850		
120	5.0	4.5	6.7		
236	23.8	21.3	31.9		





#77

Benzidine

Concen: 22.609 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

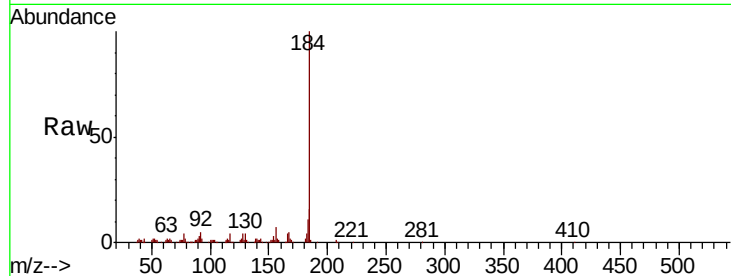
ClientSampleId :

LOQ-WATER-02-QT2-2019

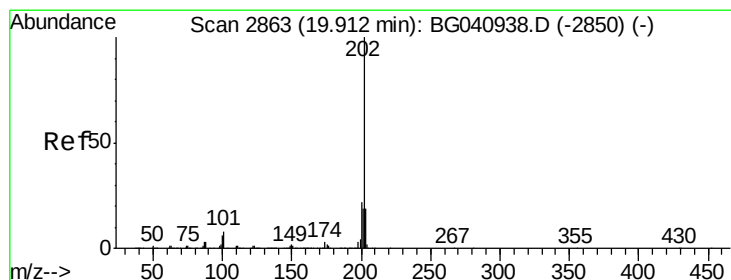
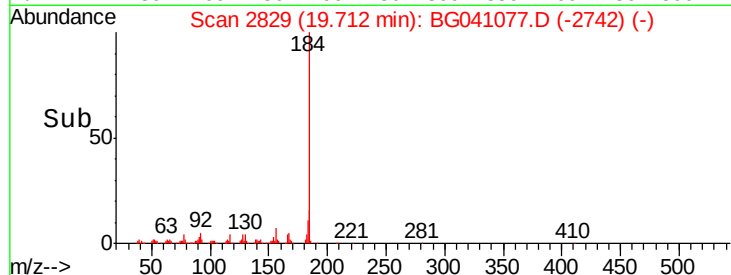
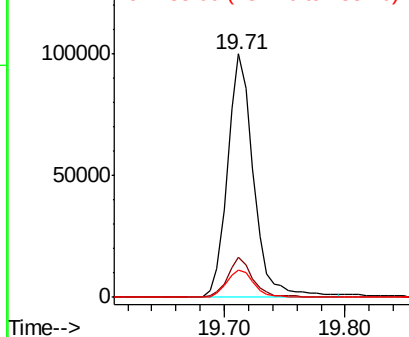
Tot Ion:	184	Resp:	150396
Ion Ratio	Lower	Upper	
184	100		
185	16.4	13.3	19.9
183	11.2	10.7	16.1

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



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



#78

Pyrene

Concen: 19.002 ng

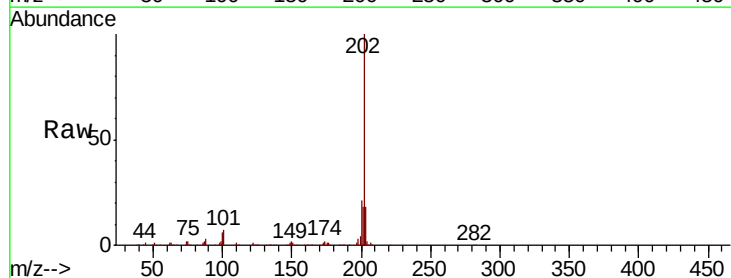
RT: 19.89 min Scan# 2860

Delta R.T. -0.02 min

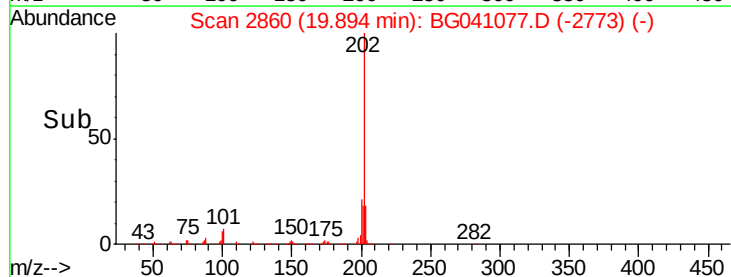
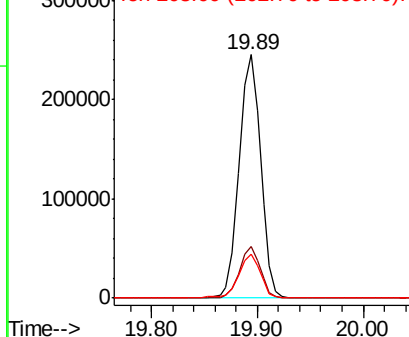
Lab File: BG041077.D

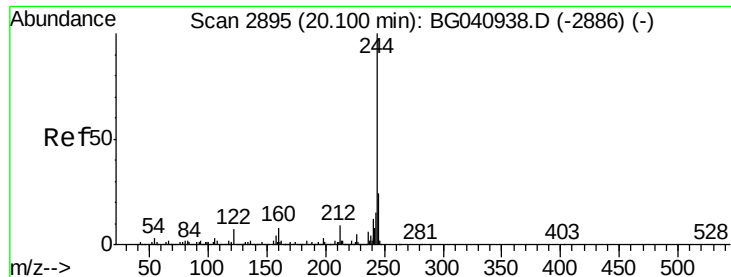
Acq: 5 Jun 2019 18:15

Tgt Ion:	202	Resp:	344450
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.5	26.3
203	18.0	15.6	23.4



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





#79

Terphenyl-d14

Concen: 53.206 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

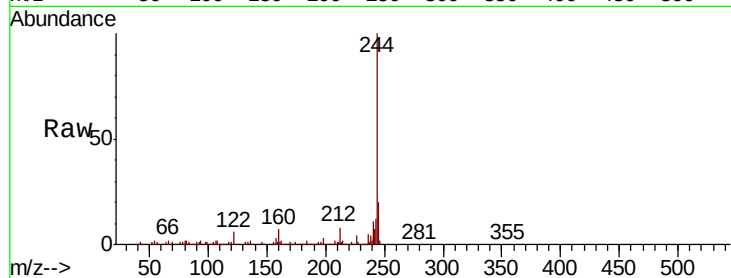
ClientSampleId :

LOQ-WATER-02-QT2-2019

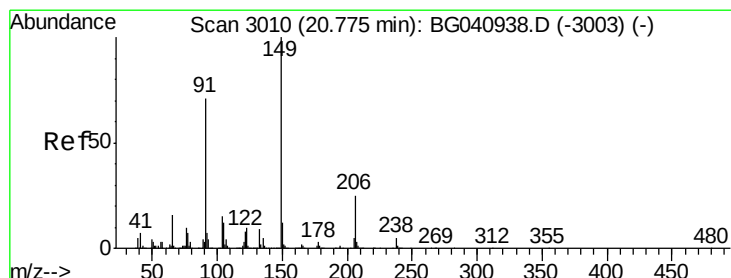
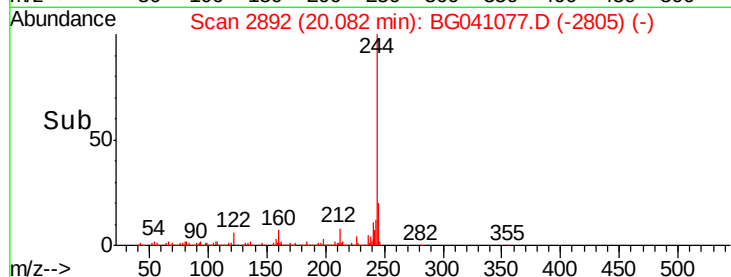
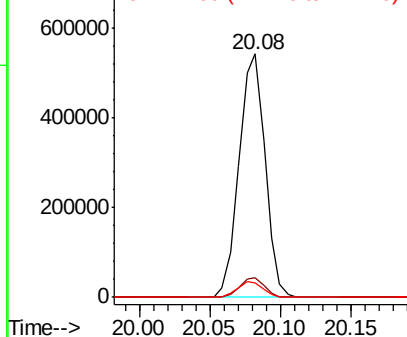
Tot Ion:	244	Resp:	699060
Ion Ratio	Lower	Upper	
244	100		
212	7.9	7.0	10.4
122	6.1	5.4	8.0

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



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



#80

Butylbenzylphthalate

Concen: 18.286 ng

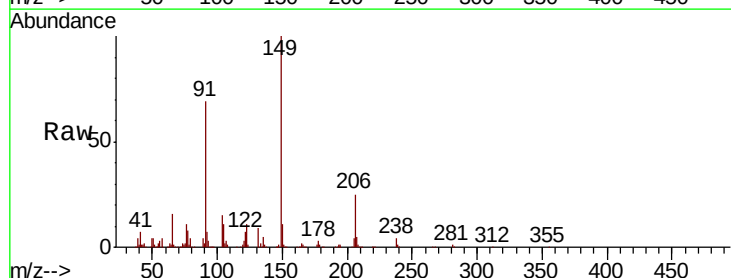
RT: 20.76 min Scan# 3007

Delta R.T. -0.02 min

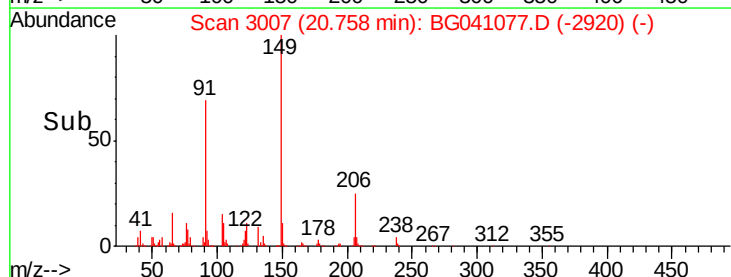
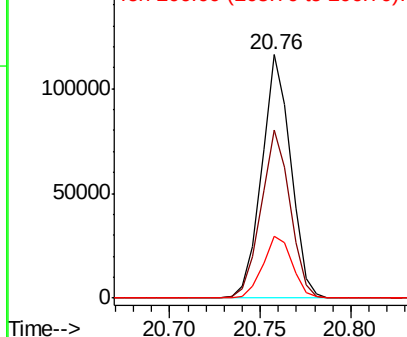
Lab File: BG041077.D

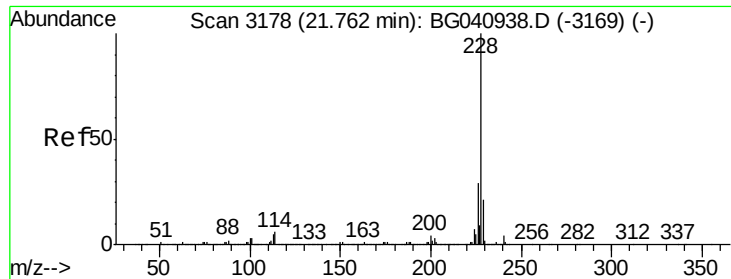
Acq: 5 Jun 2019 18:15

Tgt Ion:	149	Resp:	128992
Ion Ratio	Lower	Upper	
149	100		
91	69.2	56.5	84.7
206	25.5	20.3	30.5



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





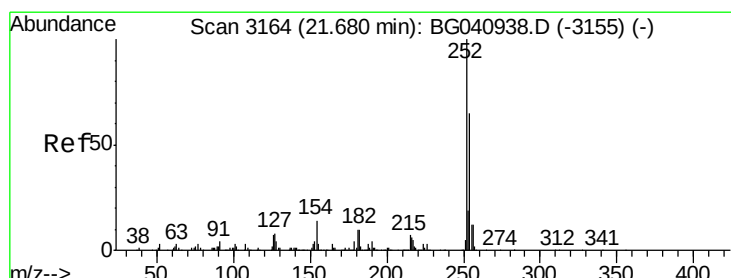
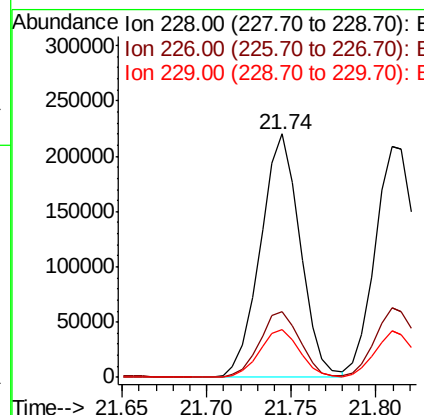
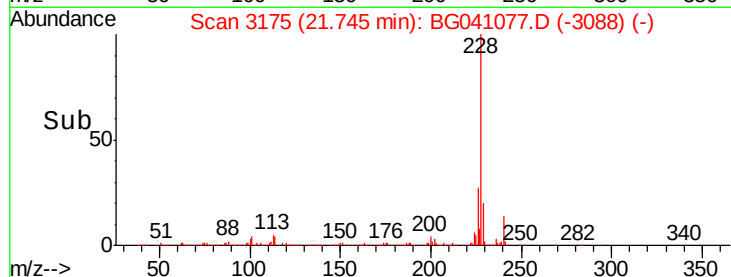
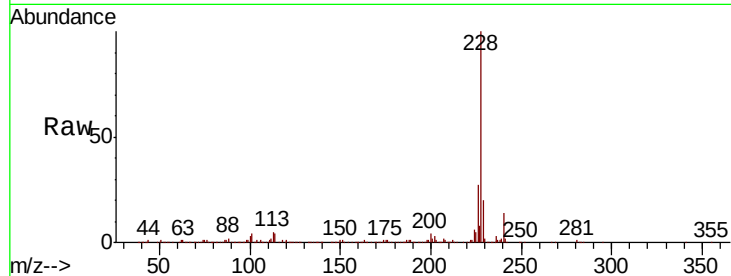
#81
Benzo(a)anthracene
Concen: 19.272 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.5	35.3
229	19.7	16.7	25.1

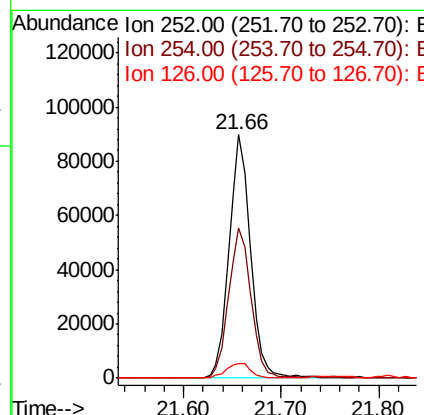
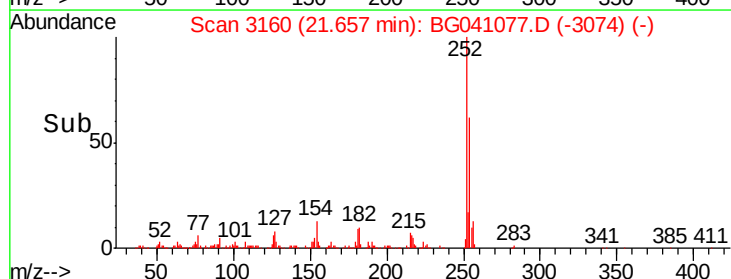
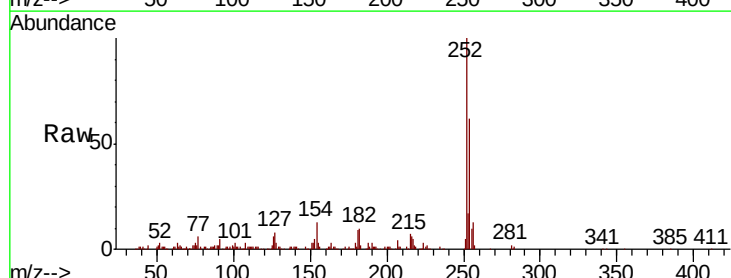
Manual Integrations
APPROVED

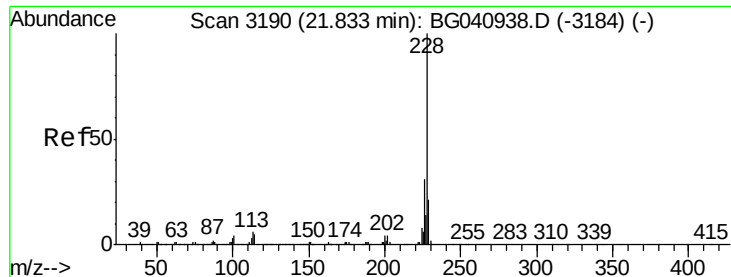
mohammad
6/6/2019 3:42:29 PM



#82
3,3'-Dichlorobenzidine
Concen: 21.039 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.6	52.1	78.1
126	6.1	5.5	8.3





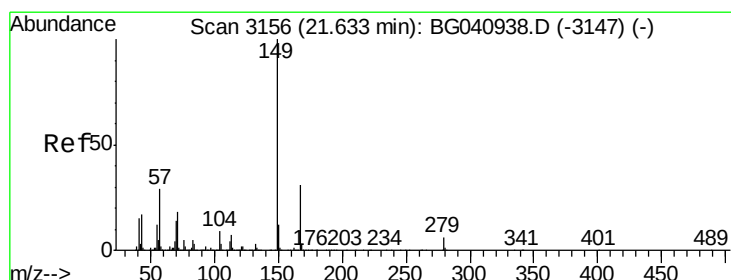
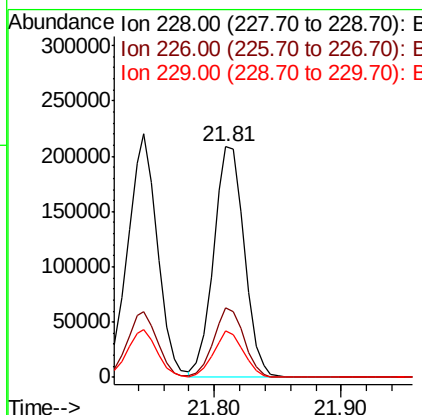
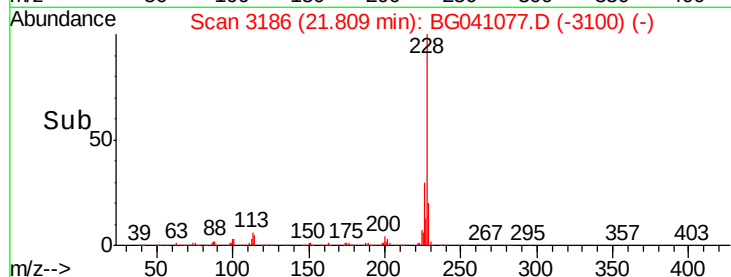
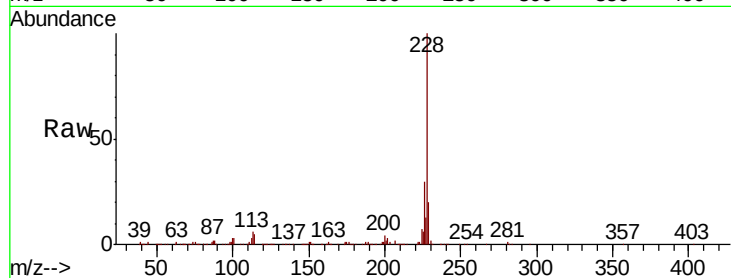
#83
 Chrysene
 Concen: 19.762 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion:	228	Resp:	351029
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	20.4	16.6	24.8

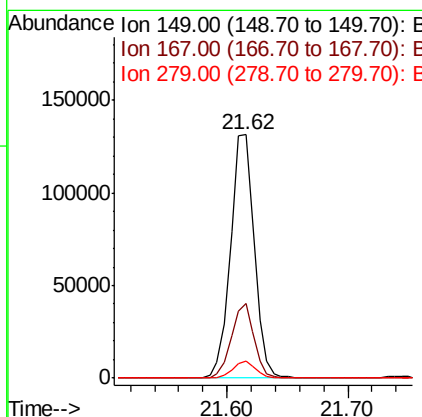
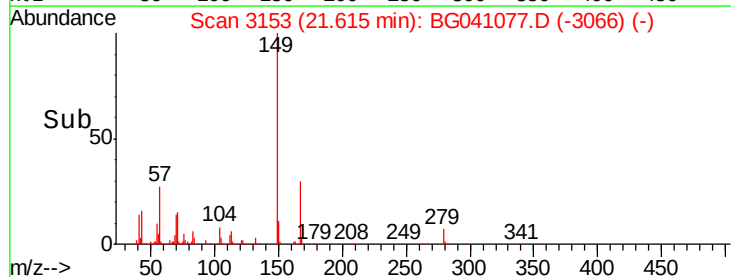
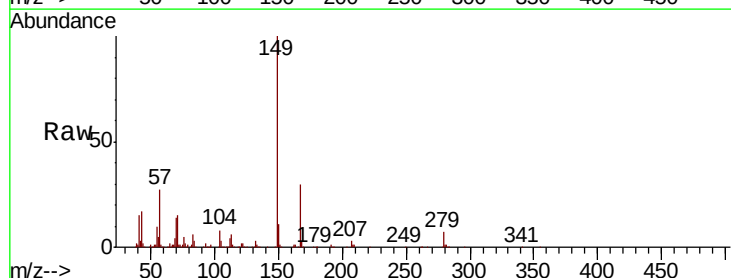
Manual Integrations
 APPROVED

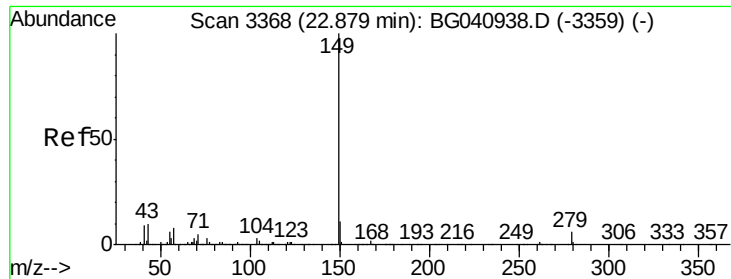
mohammad
 6/6/2019 3:42:29 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.196 ng
 RT: 21.62 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG041077.D
 Acq: 5 Jun 2019 18:15

Tgt Ion:	149	Resp:	180698
Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.6	37.0
279	6.8	5.0	7.6





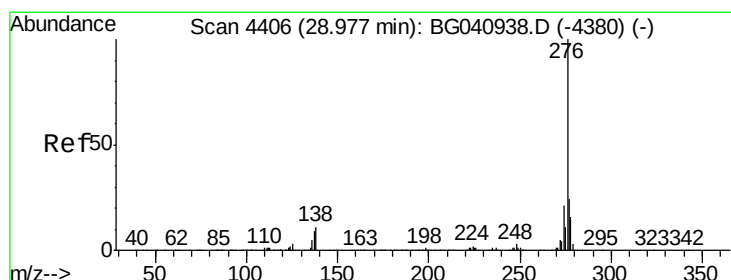
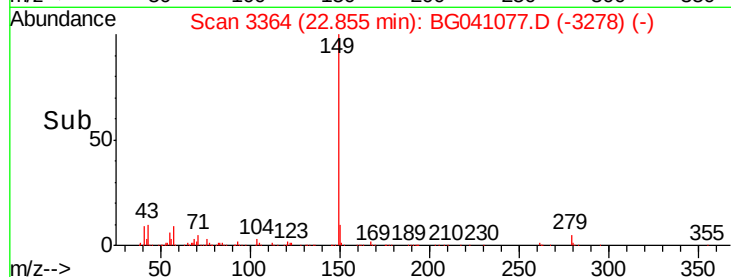
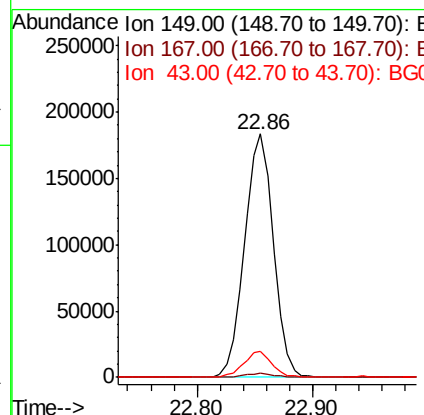
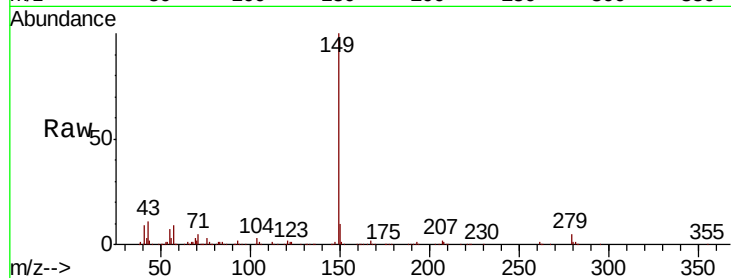
#85
Di-n-octyl phthalate
Concen: 19.181 ng
RT: 22.86 min Scan# 3364
Delta R.T. -0.02 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
149	100	317230		
167	1.7		1.4	2.0
43	10.3		8.1	12.1

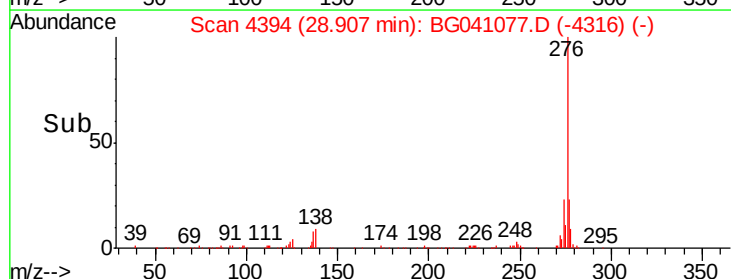
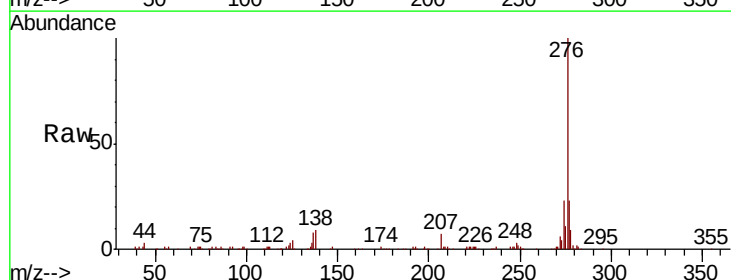
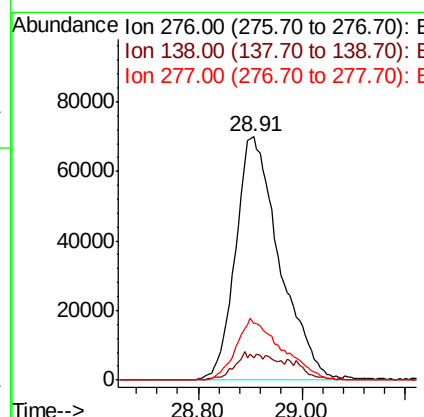
Manual Integrations
APPROVED

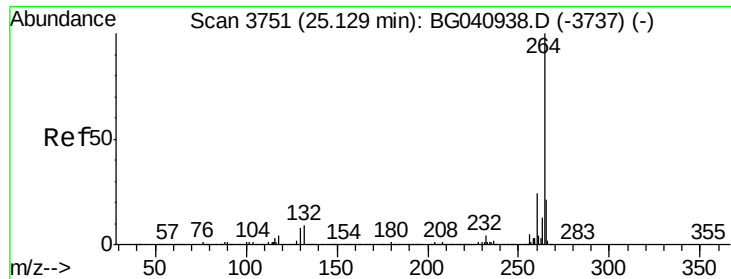
mohammad
6/6/2019 3:42:29 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 18.982 ng
RT: 28.91 min Scan# 4394
Delta R.T. -0.07 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	413029		
138	4.9		5.7	8.5#
277	26.0		20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. -0.04 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

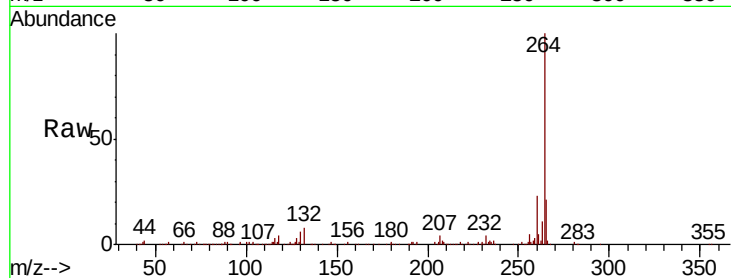
ClientSampleId :

LOQ-WATER-02-QT2-2019

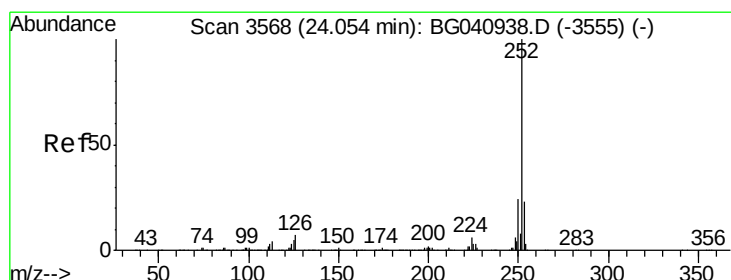
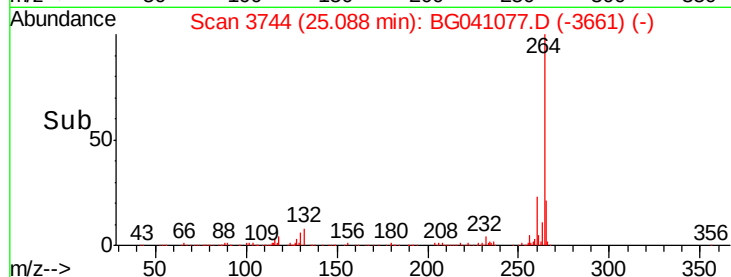
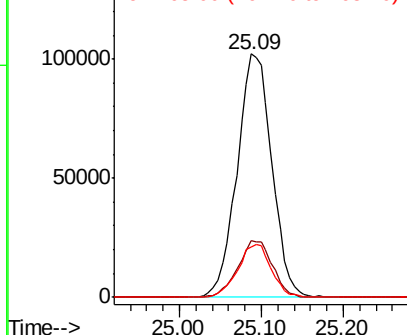
Tot Ion:	264	Resp:	301074
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.0	28.4
265	20.6	17.0	25.4

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



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: 20.022 ng

RT: 24.02 min Scan# 3563

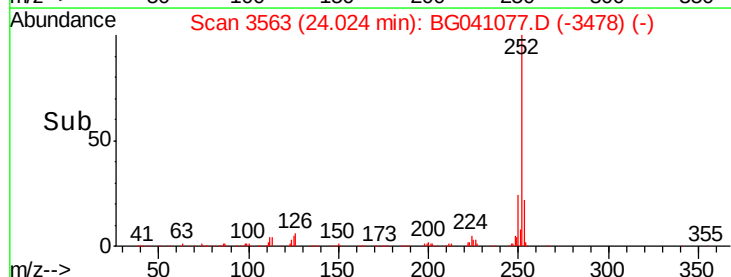
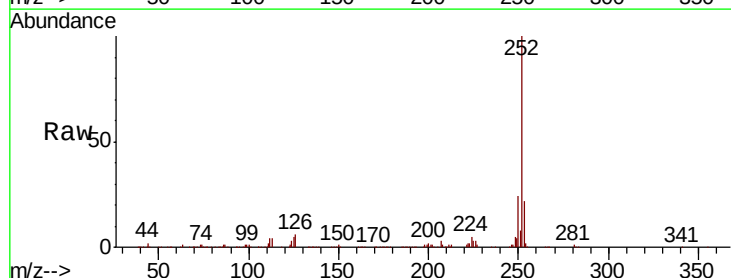
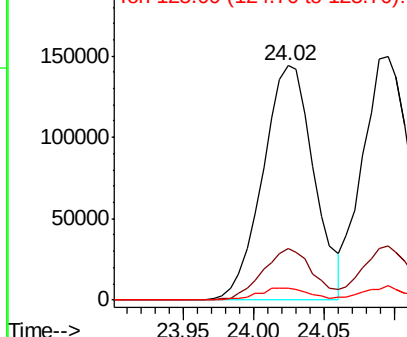
Delta R.T. -0.03 min

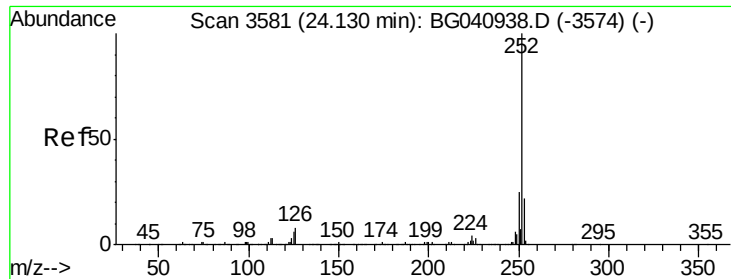
Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion:	252	Resp:	365619
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.4	27.6
125	5.0	4.3	6.5

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: 19.636 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.04 min

Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Instrument :

BNA_G

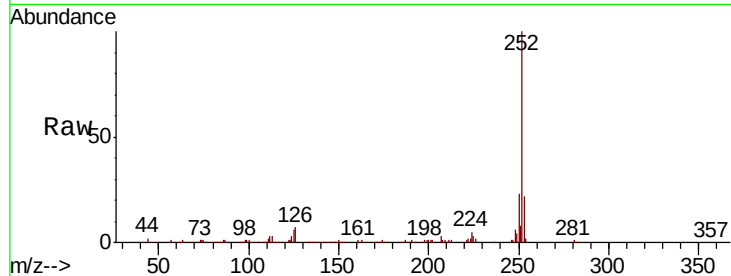
ClientSampleId :

LOQ-WATER-02-QT2-2019

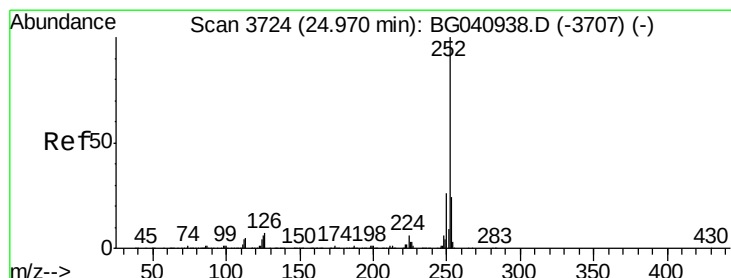
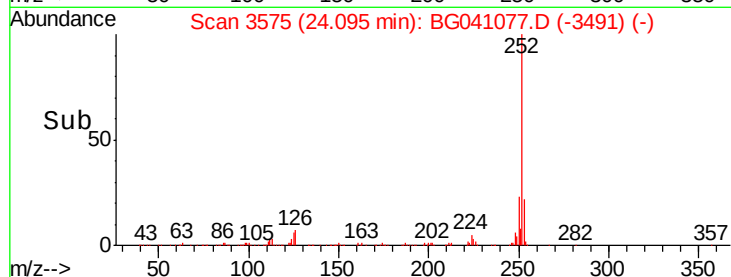
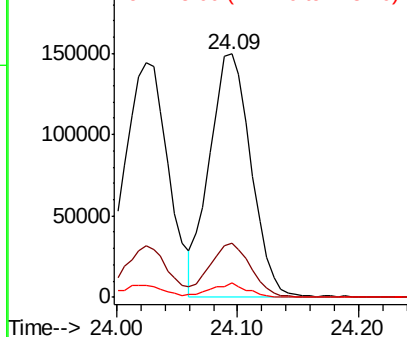
Tot Ion:	252	Resp:	354827
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	5.8	4.7	7.1

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM



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



#90

Benzo(a)pyrene

Concen: 20.138 ng

RT: 24.93 min Scan# 3717

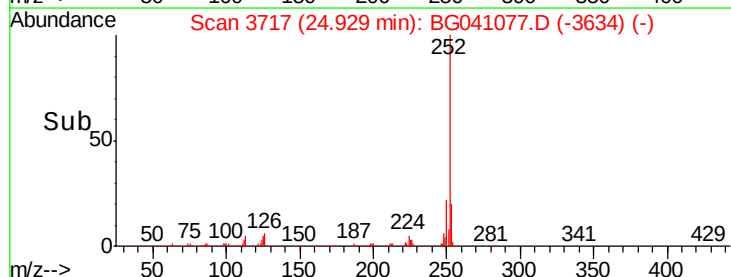
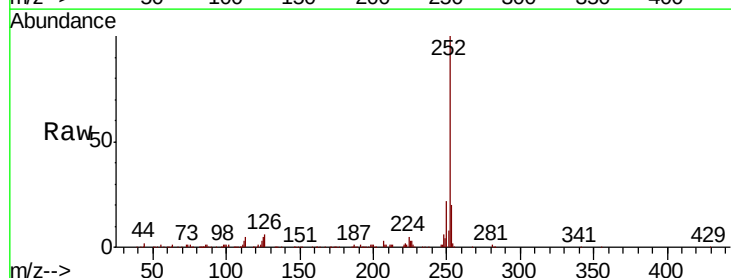
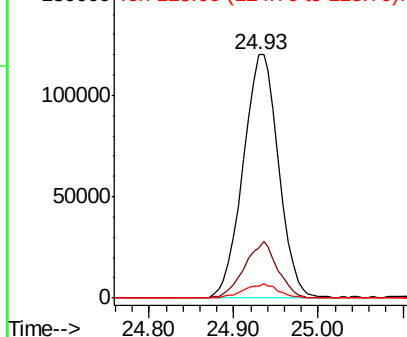
Delta R.T. -0.04 min

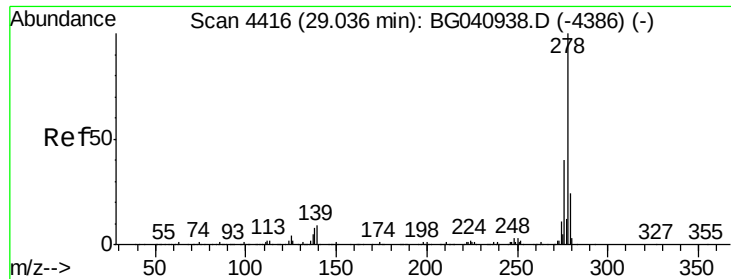
Lab File: BG041077.D

Acq: 5 Jun 2019 18:15

Tgt Ion:	252	Resp:	350848
Ion Ratio	Lower	Upper	
252	100		
253	20.4	19.5	29.3
125	5.1	5.1	7.7#

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





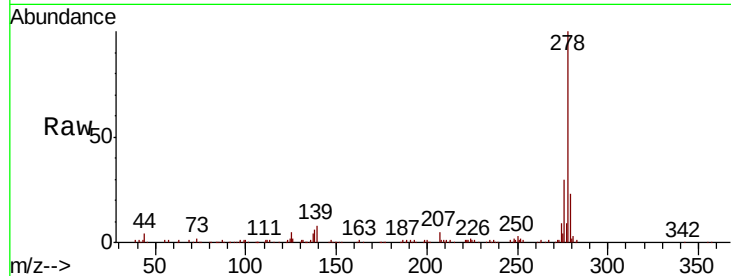
#91
Dibenzo(a,h)anthracene
Concen: 19.807 ng
RT: 28.98 min Scan# 4407
Delta R.T. -0.05 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.1	7.1	10.7
279	22.9	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:29 PM

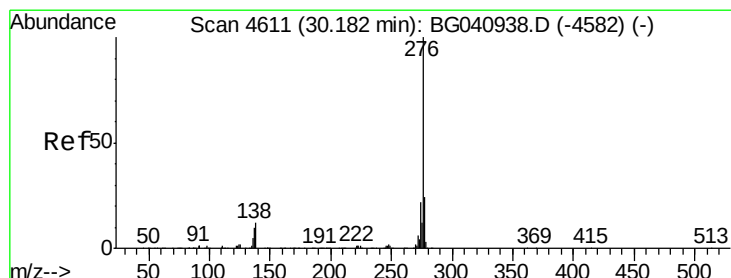
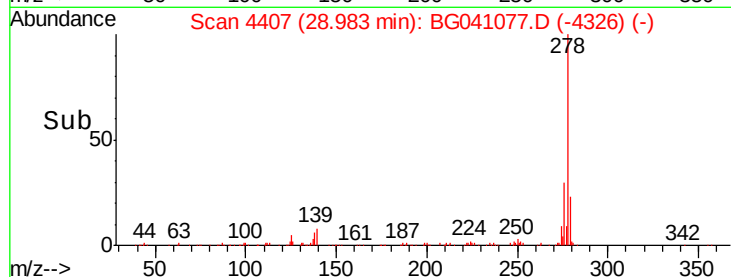
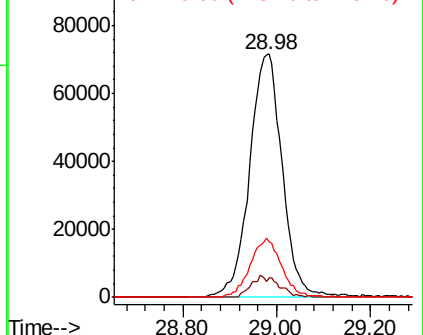


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 20.222 ng
RT: 30.12 min Scan# 4600
Delta R.T. -0.06 min
Lab File: BG041077.D
Acq: 5 Jun 2019 18:15

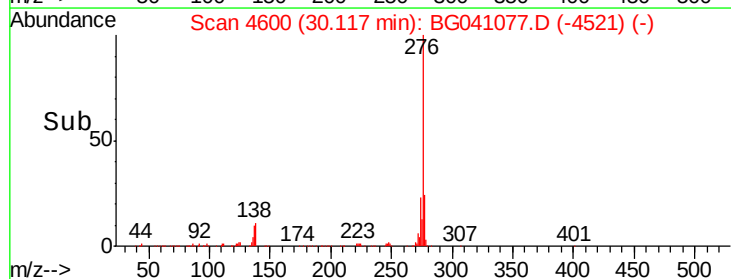
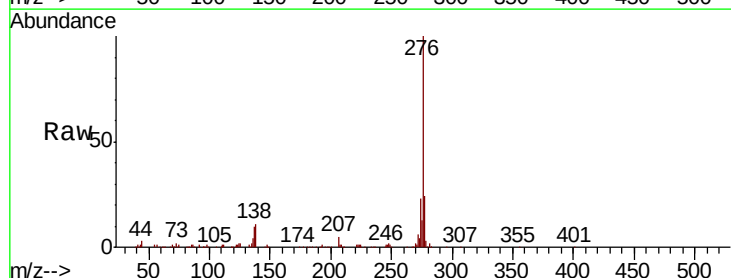
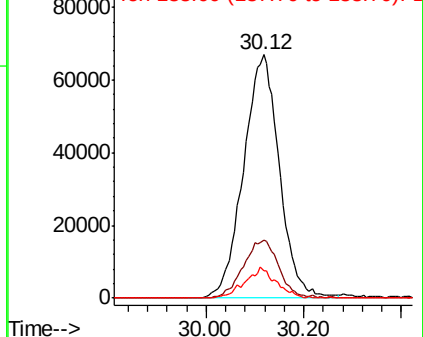
Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	11.0	9.7	14.5

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041077.D
 Acq On : 5 Jun 2019 18:15
 Operator : HP/JU
 Sample : K2241-08
 Misc : LOQ-WATER-20PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:42:29 PM

Quant Time: Jun 06 08:38:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	36189	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	132035	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	90311	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	232628	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	278850	20.00	ng	-0.02
87) Perylene-d12	25.09	264	301074	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	173195	86.30	ng	-0.01
7) Phenol-d6	7.26	99	241083	77.78	ng	-0.01
23) Nitrobenzene-d5	9.29	82	156682	52.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	117324	87.51	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	343246	54.73	ng	-0.02
79) Terphenyl-d14	20.08	244	699060	53.21	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	21416	23.516	ng	96
3) Pyridine	3.93	79	48650	18.054	ng	91
4) n-Nitrosodimethylamine	3.85	42	22329	17.854	ng	# 73
6) Aniline	7.43	93	68655	16.595	ng	96
8) 2-Chlorophenol	7.67	128	44188	18.468	ng	94
9) Benzaldehyde	7.25	77	46513	25.157	ng	91
10) Phenol	7.28	94	56670	17.052	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	41121	17.057	ng	94
12) 1,3-Dichlorobenzene	8.00	146	51103	17.883	ng	92
13) 1,4-Dichlorobenzene	8.15	146	52346	18.097	ng	94
14) 1,2-Dichlorobenzene	8.47	146	48611	17.308	ng	94
15) Benzyl Alcohol	8.35	79	47447	16.549	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.63	45	66194	16.803	ng	96
17) 2-Methylphenol	8.54	107	39937	16.598	ng	95
18) Hexachloroethane	9.19	117	19478	17.471	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	38572	16.171	ng	94
20) 3+4-Methylphenols	8.87	107	53916	16.176	ng	96
22) Acetophenone	8.94	105	76309	20.603	ng	# 98
24) Nitrobenzene	9.33	77	60497	19.960	ng	99
25) Isophorone	9.84	82	105199	18.586	ng	99
26) 2-Nitrophenol	10.04	139	25233	20.194	ng	95
27) 2,4-Dimethylphenol	10.08	122	41147	19.939	ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	54443	17.822	ng	98
29) 2,4-Dichlorophenol	10.57	162	47184	18.005	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	56436	18.931	ng	98
31) Naphthalene	10.98	128	137784	19.436	ng	97
32) Benzoic acid	10.15	122	15644m	16.228	ng	
33) 4-Chloroaniline	11.09	127	57078	17.353	ng	96
34) Hexachlorobutadiene	11.25	225	41849	18.347	ng	97
35) Caprolactam	11.86	113	15714	18.158	ng	96
36) 4-Chloro-3-methylphenol	12.20	107	53184	17.770	ng	97
37) 2-Methylnaphthalene	12.58	142	100162	18.345	ng	97
38) 1-Methylnaphthalene	12.80	142	94908	18.447	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	77202	21.209	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041077.D
 Acq On : 5 Jun 2019 18:15
 Operator : HP/JU
 Sample : K2241-08
 Misc : LOO-WATER-20PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:42:29 PM

Quant Time: Jun 06 08:38:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	33560	23.621	nq	92
43) 2,4,6-Trichlorophenol	13.17	196	43345	18.407	nq	100
44) 2,4,5-Trichlorophenol	13.25	196	47614	19.173	nq	99
46) 1,1'-Biphenyl	13.58	154	137254	20.532	nq	97
47) 2-Chloronaphthalene	13.62	162	108235	18.860	nq	98
48) 2-Nitroaniline	13.83	65	39563	19.216	nq	87
49) Acenaphthylene	14.46	152	166828	19.314	nq	98
50) Dimethylphthalate	14.18	163	137768	18.021	nq	98
51) 2,6-Dinitrotoluene	14.32	165	30983	18.797	nq	93
52) Acenaphthene	14.81	154	95886	18.325	nq	94
53) 3-Nitroaniline	14.65	138	31091	18.863	nq	88
54) 2,4-Dinitrophenol	14.86	184	8330	19.797	nq	85
55) Dibenzofuran	15.13	168	173864	19.747	nq	98
56) 4-Nitrophenol	14.95	139	20621	18.240	nq	98
57) 2,4-Dinitrotoluene	15.10	165	43829	18.824	nq	93
58) Fluorene	15.79	166	133646	19.060	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.36	232	50842	20.832	nq	# 96
60) Diethylphthalate	15.53	149	141031	18.077	nq	97
61) 4-Chlorophenyl-phenylether	15.77	204	82052	18.004	nq	95
62) 4-Nitroaniline	15.81	138	34086	19.534	nq	95
63) Azobenzene	16.06	77	132956	18.750	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	21853	22.983	nq	91
66) n-Nitrosodiphenylamine	15.99	169	121164	18.528	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	54075	17.225	nq	92
68) Hexachlorobenzene	16.78	284	57864	17.309	nq	96
69) Atrazine	16.92	200	51229	20.303	nq	96
70) Pentachlorophenol	17.13	266	26100	18.055	nq	97
71) Phenanthrene	17.53	178	240438	19.843	nq	99
72) Anthracene	17.62	178	240529	20.127	nq	98
73) Carbazole	17.89	167	219626	21.418	nq	98
74) Di-n-butylphthalate	18.42	149	247301	19.404	nq	99
75) Fluoranthene	19.53	202	330958	22.113	nq	98
77) Benzidine	19.71	184	150396	22.609	nq	97
78) Pyrene	19.89	202	344450	19.002	nq	98
80) Butylbenzylphthalate	20.76	149	128992	18.286	nq	99
81) Benzo(a)anthracene	21.74	228	357726	19.272	nq	96
82) 3,3'-Dichlorobenzidine	21.66	252	137358	21.039	nq	96
83) Chrysene	21.81	228	351029	19.762	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	180698	18.196	nq	99
85) Di-n-octyl phthalate	22.86	149	317230	19.181	nq	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	413029	18.982	nq	# 99
88) Benzo(b)fluoranthene	24.02	252	365619	20.022	nq	99
89) Benzo(k)fluoranthene	24.09	252	354827	19.636	nq	100
90) Benzo(a)pyrene	24.93	252	350848	20.138	nq	# 93
91) Dibenzo(a,h)anthracene	28.98	278	344814	19.807	nq	97
92) Benzo(g,h,i)perylene	30.12	276	342021	20.222	nq	98

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