

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

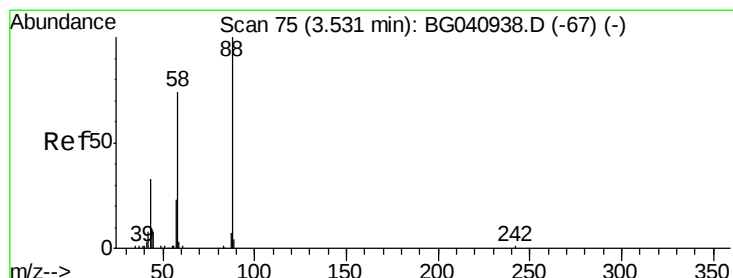
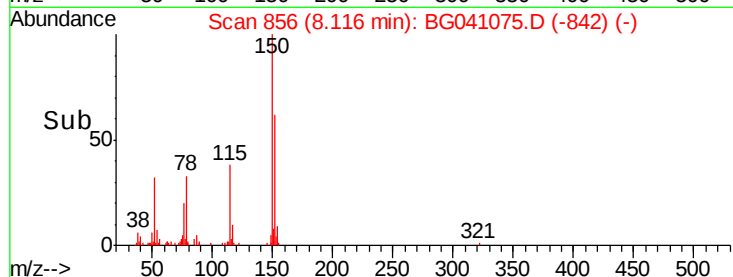
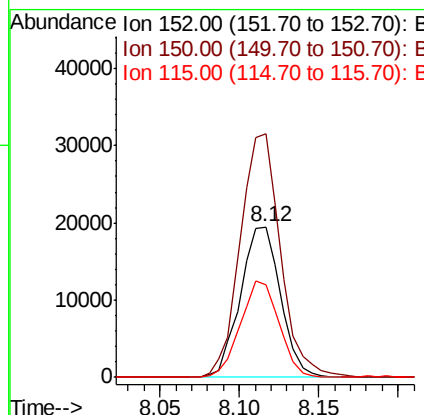
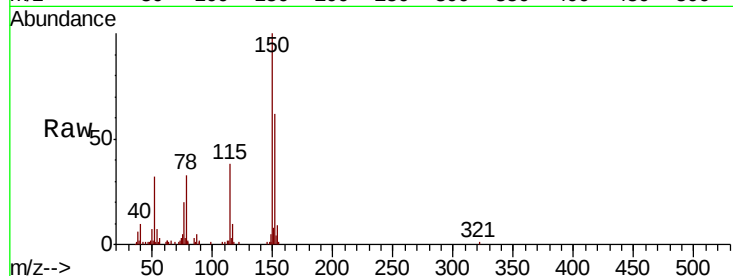
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	152	Resp:	34140
Ion	Ratio	Lower	Upper
152	100		
150	162.0	120.6	180.8
115	61.4	45.1	67.7

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#2

1,4-Dioxane

Concen: 6.600 ng

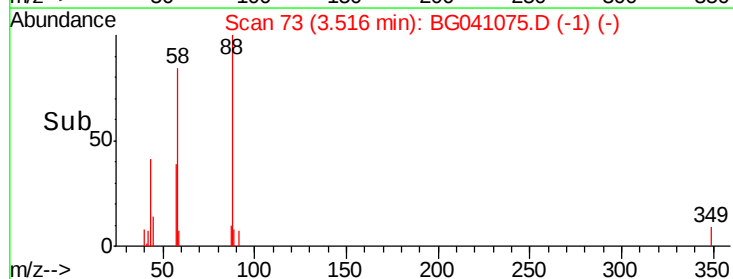
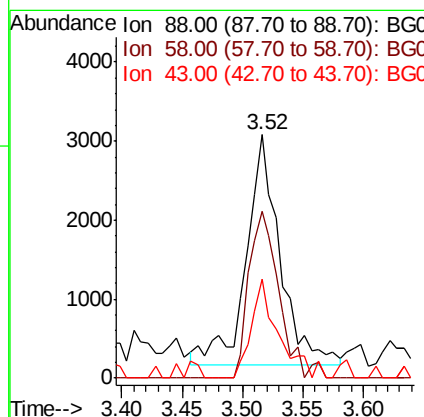
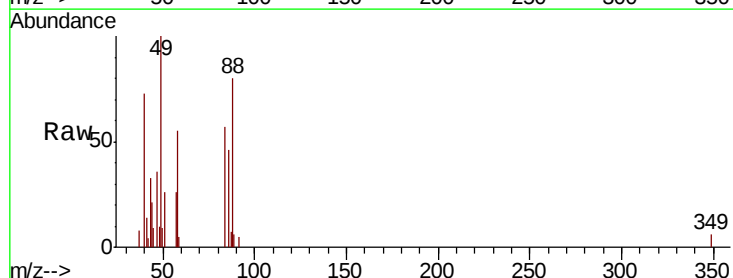
RT: 3.52 min Scan# 73

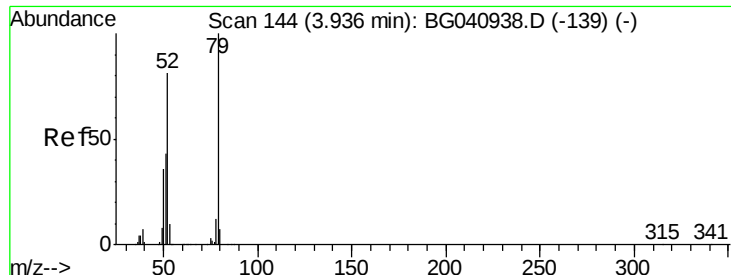
Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Tgt Ion:	88	Resp:	5670
Ion	Ratio	Lower	Upper
88	100		
58	65.1	59.0	88.6
43	34.8	27.2	40.8





#3

Pvridine

Concen: 4.873 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

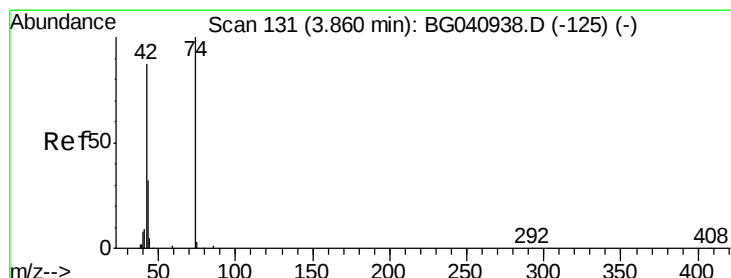
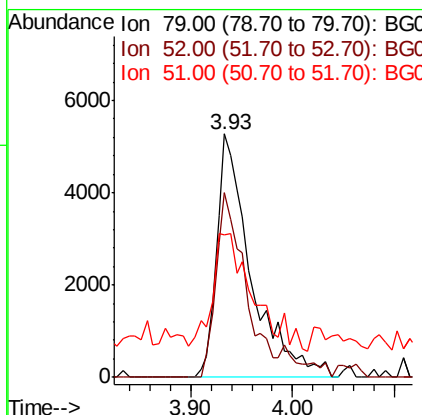
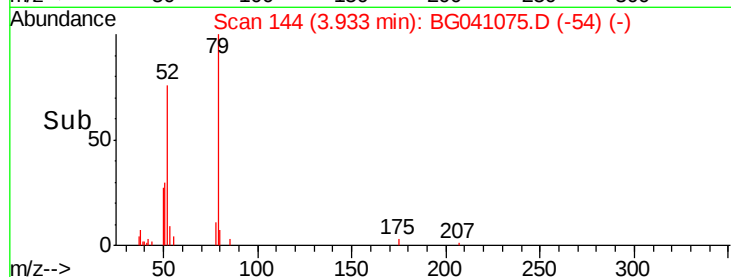
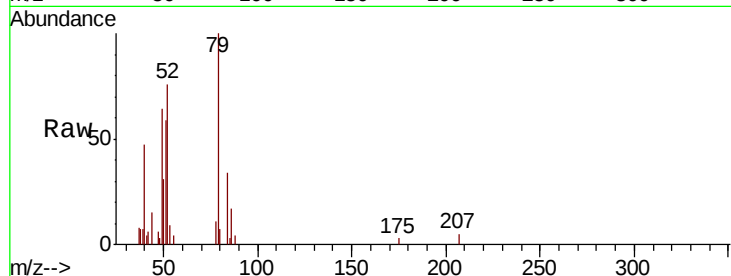
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	79	Resp:	12389
Ion Ratio	Lower	Upper	
79	100		
52	75.9	64.8	97.2
51	58.8	35.3	52.9#

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#4

n-Nitrosodimethylamine

Concen: 5.381 ng

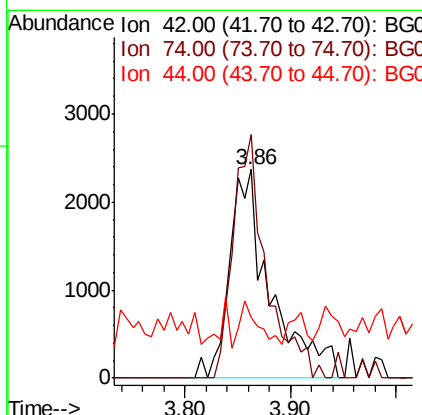
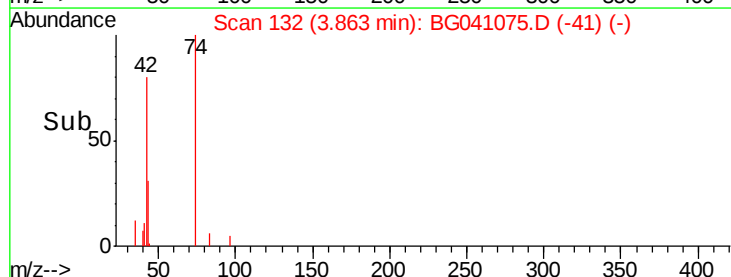
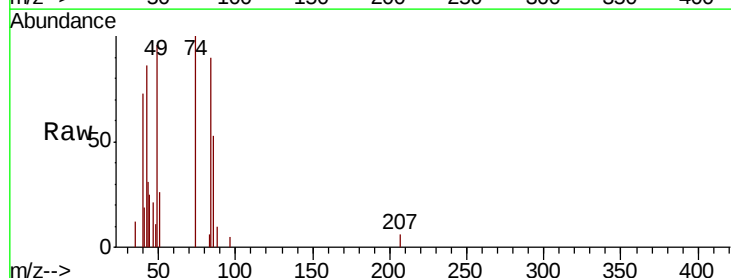
RT: 3.86 min Scan# 132

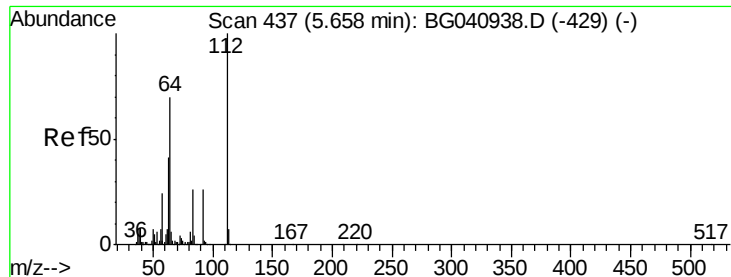
Delta R.T. 0.00 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Tgt Ion:	42	Resp:	6349
Ion Ratio	Lower	Upper	
42	100		
74	116.8	91.8	137.6
44	28.9	6.0	9.0#





#5

2-Fluorophenol

Concen: 150.401 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

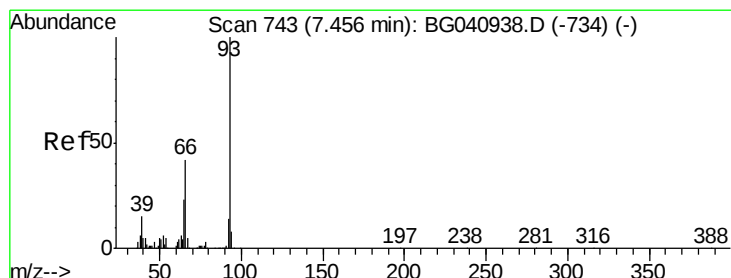
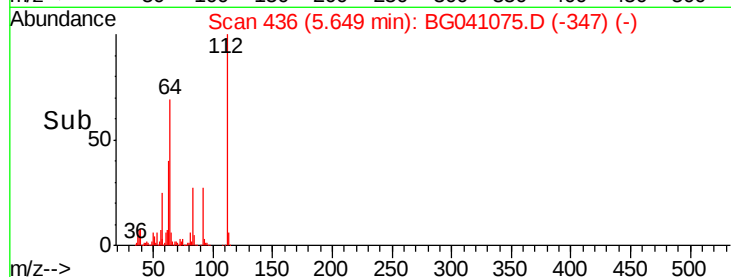
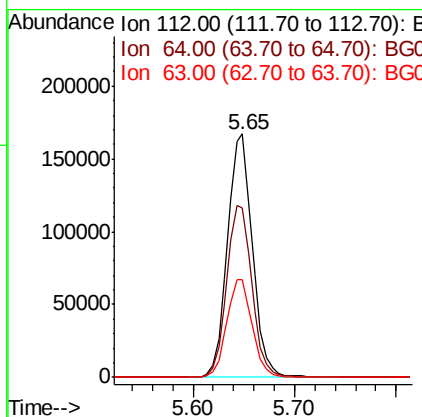
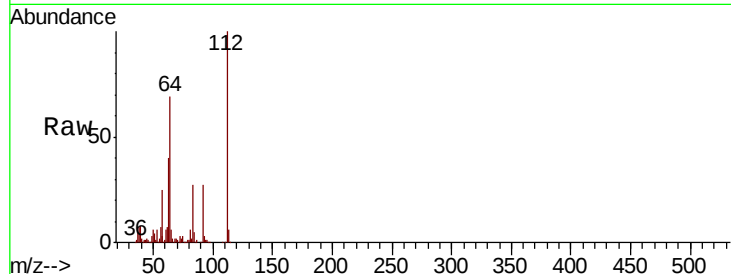
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	112	Resp:	284753
Ion Ratio	Lower	Upper	
112	100		
64	69.3	56.2	84.2
63	40.0	32.8	49.2

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#6

Aniline

Concen: 4.509 ng

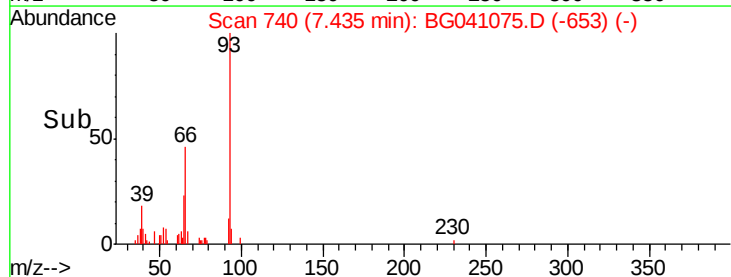
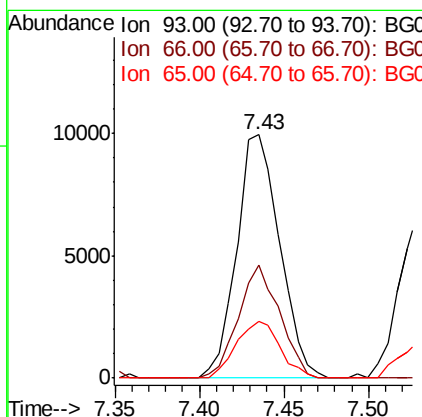
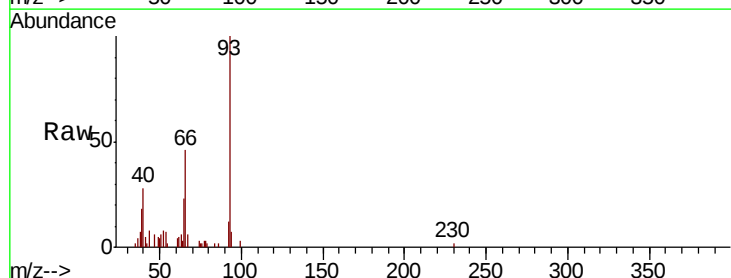
RT: 7.43 min Scan# 740

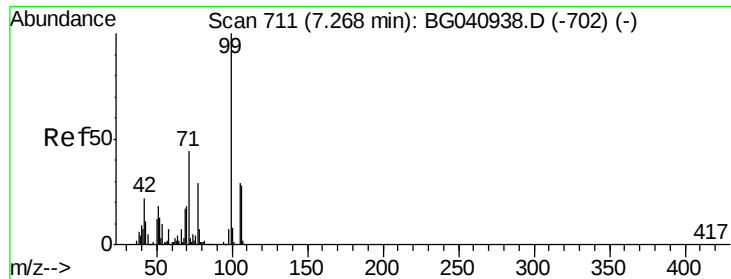
Delta R.T. -0.02 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Tgt Ion:	93	Resp:	17597
Ion Ratio	Lower	Upper	
93	100		
66	46.3	33.8	50.8
65	23.3	18.3	27.5





#7

Phenol-d6

Concen: 134.592 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

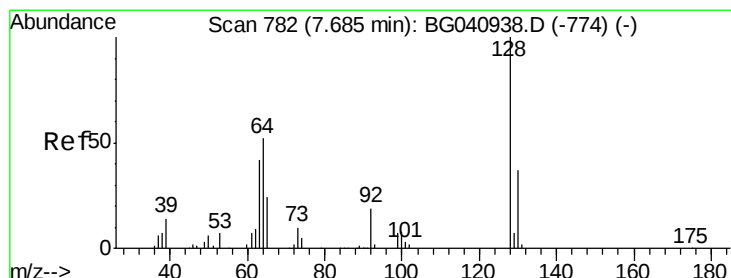
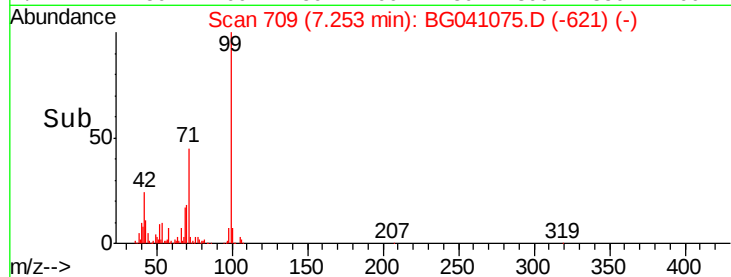
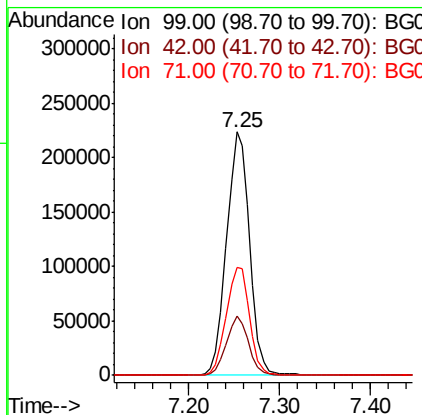
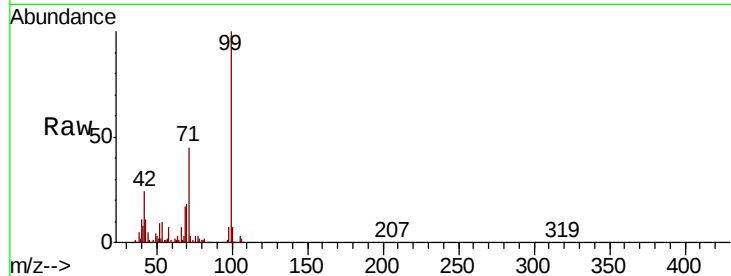
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	99	Resp:	393546
Ion Ratio	Lower	Upper	
99	100		
42	24.1	17.9	26.9
71	44.6	35.4	53.0

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#8

2-Chlorophenol

Concen: 4.850 ng

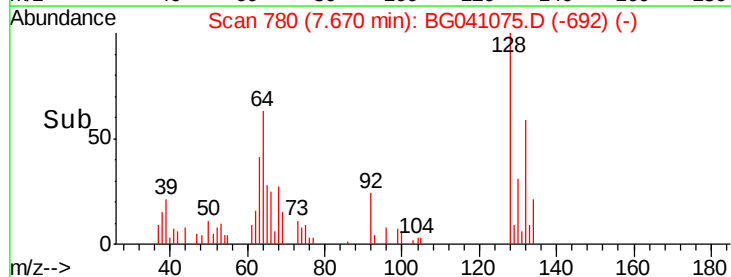
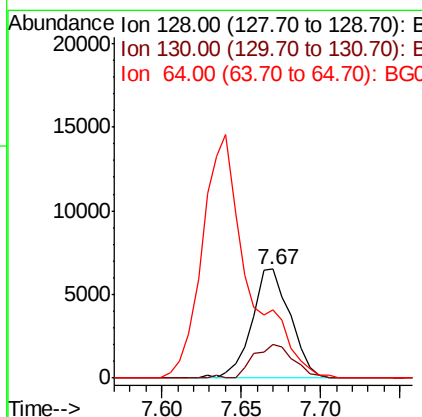
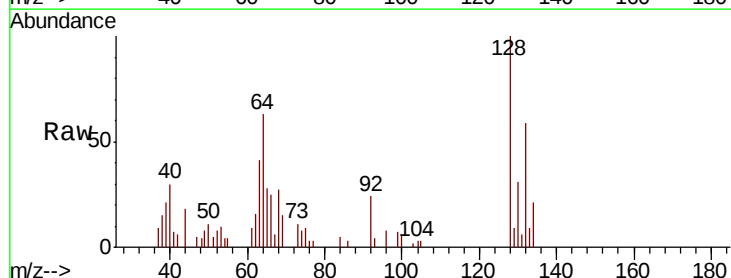
RT: 7.67 min Scan# 780

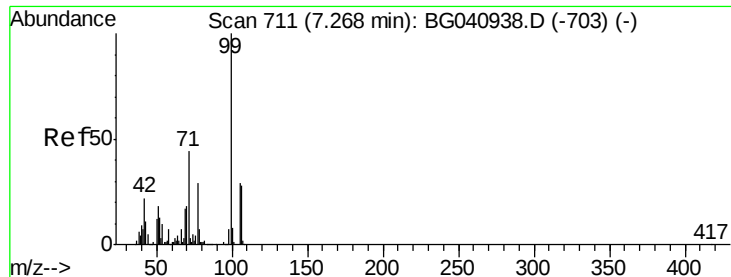
Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Tgt Ion:	128	Resp:	10948
Ion Ratio	Lower	Upper	
128	100		
130	31.1	16.6	56.6
64	63.1	37.8	77.8





#9

Benzaldehyde

Concen: 7.085 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

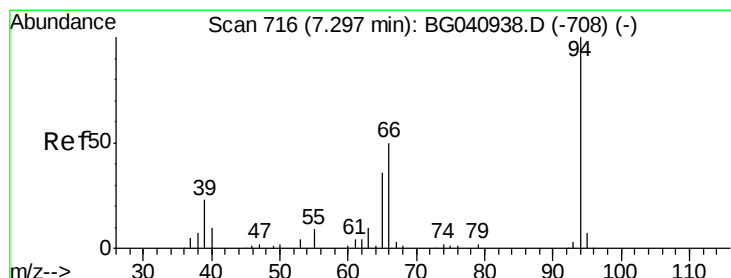
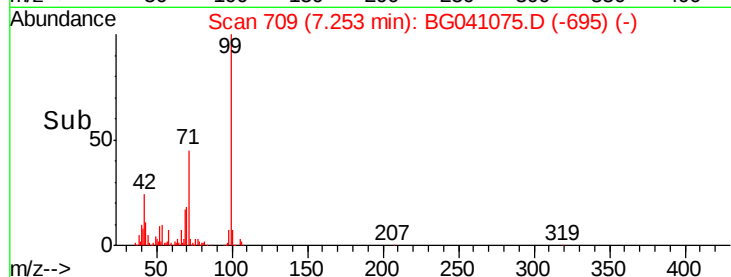
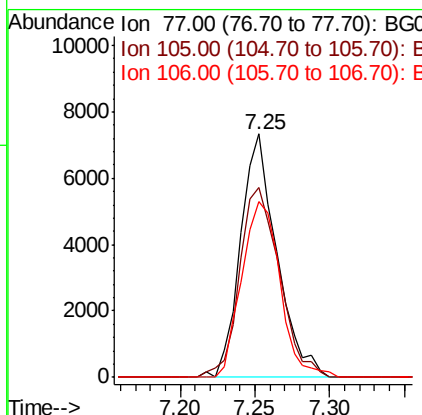
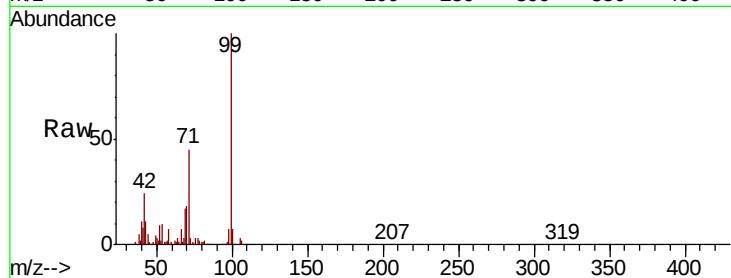
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	77	Resp:	12358
Ion	Ratio	Lower	Upper
77	100		
105	77.8	78.9	118.9#
106	72.3	76.7	116.7#

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#10

Phenol

Concen: 4.539 ng

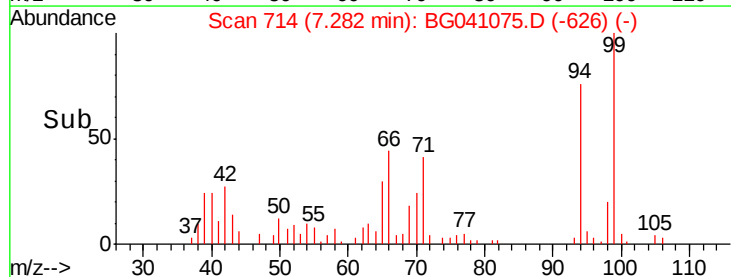
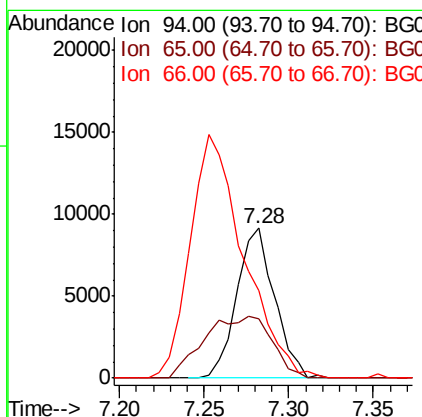
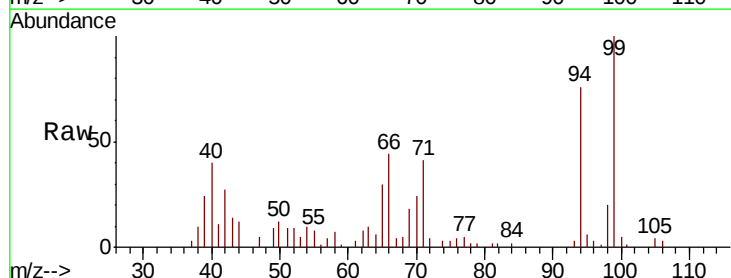
RT: 7.28 min Scan# 714

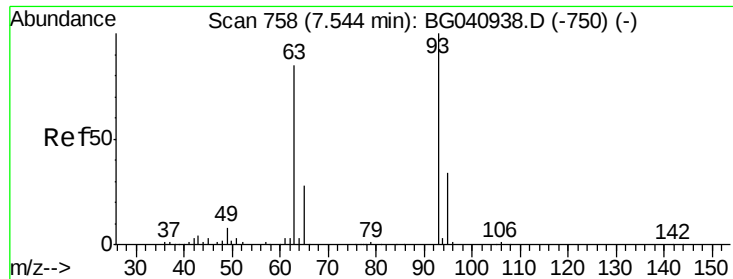
Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Tgt Ion:	94	Resp:	14230
Ion	Ratio	Lower	Upper
94	100		
65	39.5	17.0	57.0
66	58.6	32.4	72.4





#11

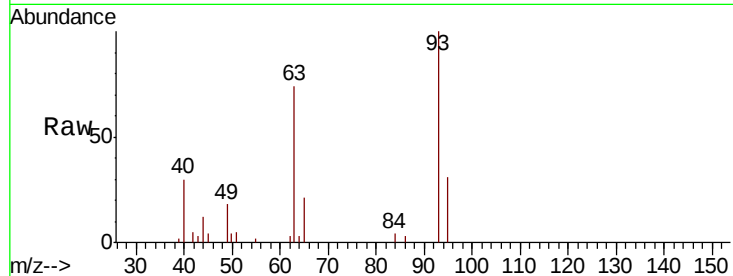
bis(2-Chloroethyl)ether
Concen: 4.602 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.4	64.5	104.5
95	31.4	13.3	53.3

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM

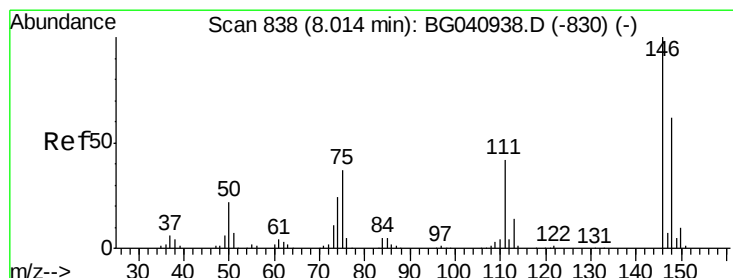
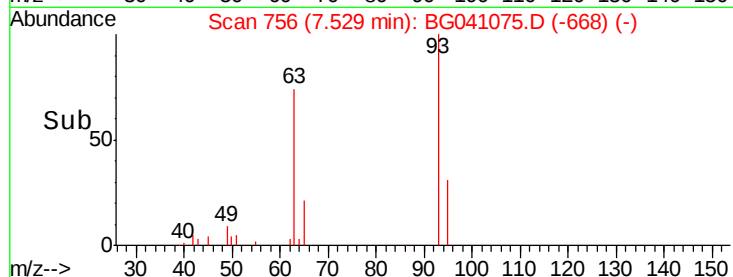
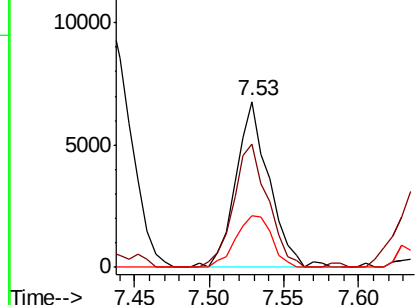


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

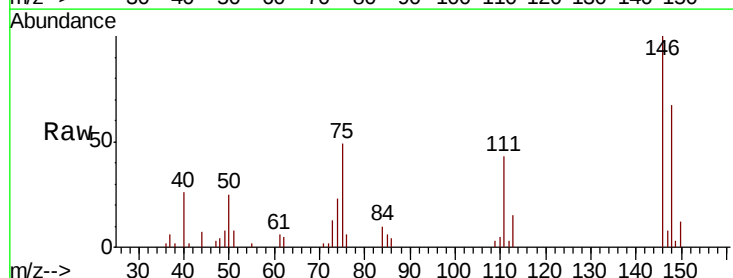
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene
Concen: 4.822 ng m
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	49.2	73.8
75	49.0	29.4	44.0#

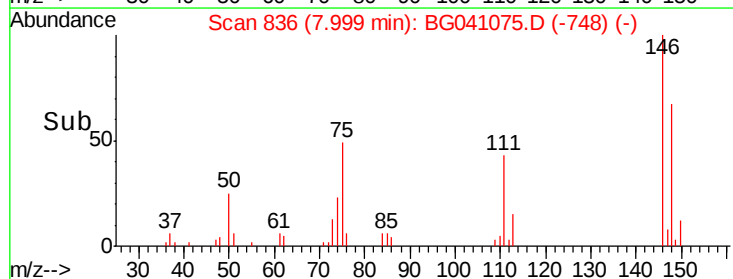
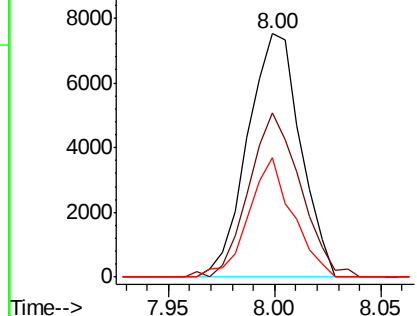


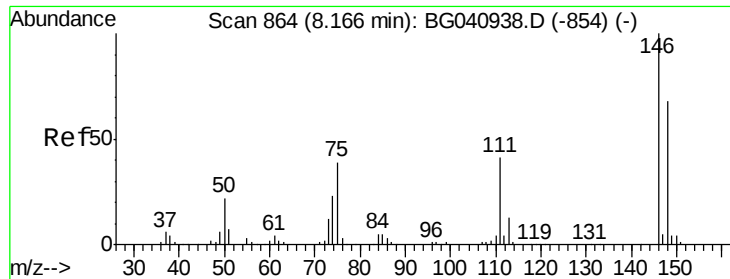
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





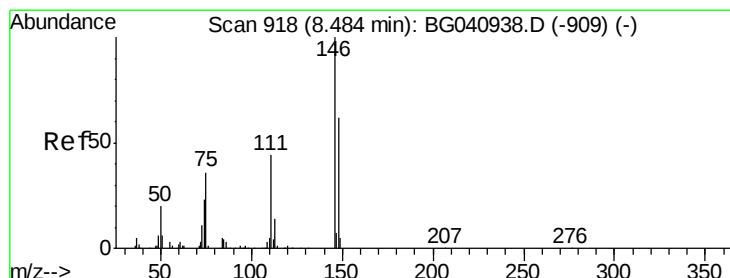
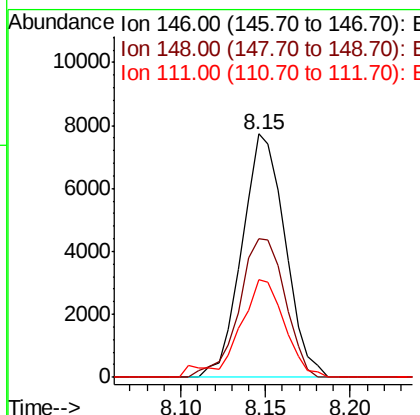
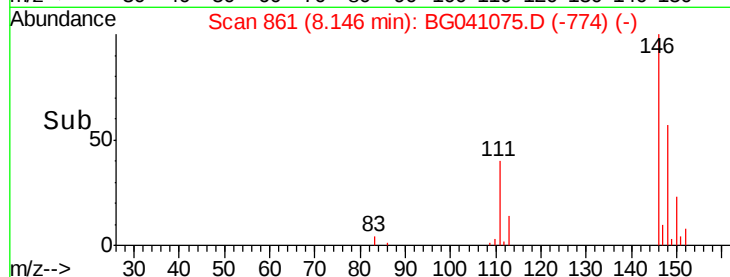
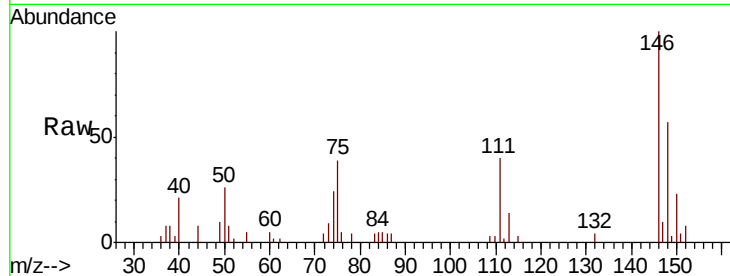
#13
 1,4-Dichlorobenzene
 Concen: 5.019 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BG041075.D
 Acq: 5 Jun 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	57.2	54.2	81.4
111	40.3	32.9	49.3

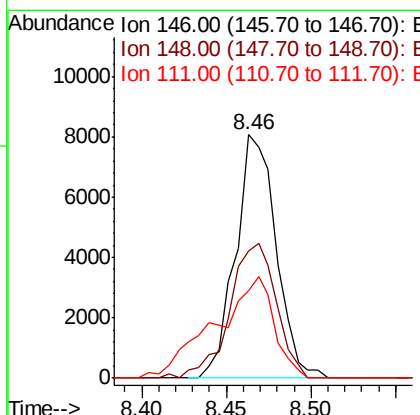
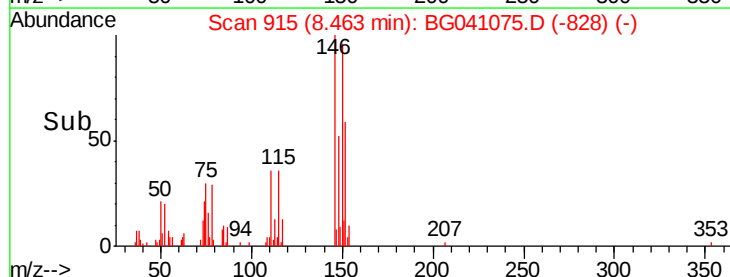
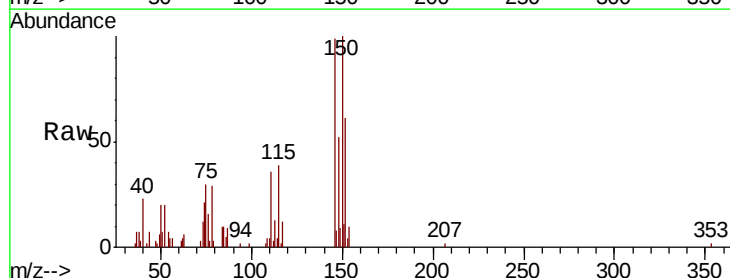
Manual Integrations
 APPROVED

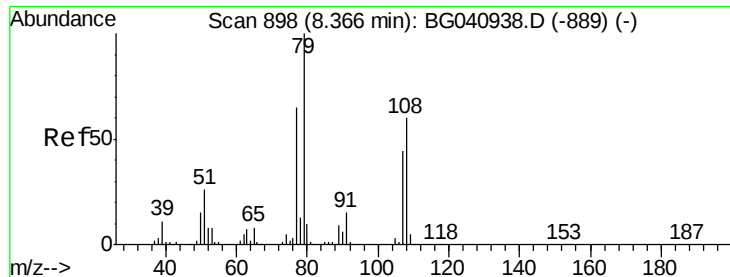
mohammad
 6/6/2019 3:42:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 5.087 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BG041075.D
 Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	52.2	49.8	74.6
111	36.1	35.0	52.4





#15

Benzyl Alcohol

Concen: 4.201 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

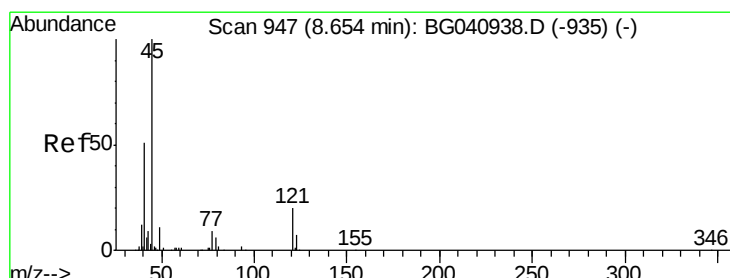
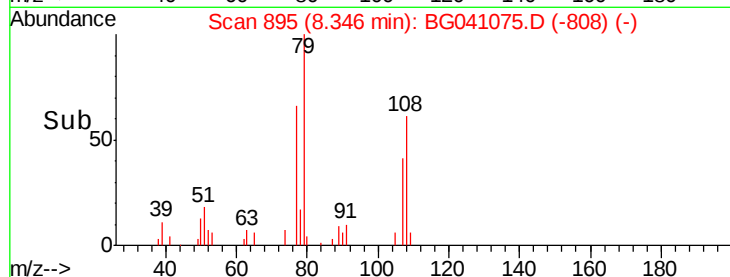
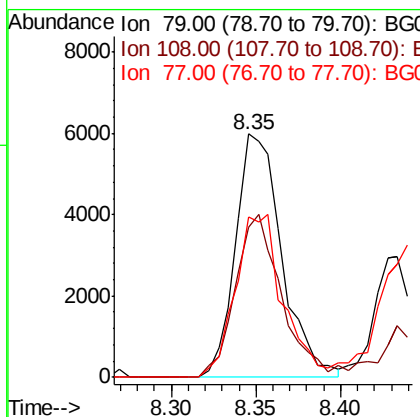
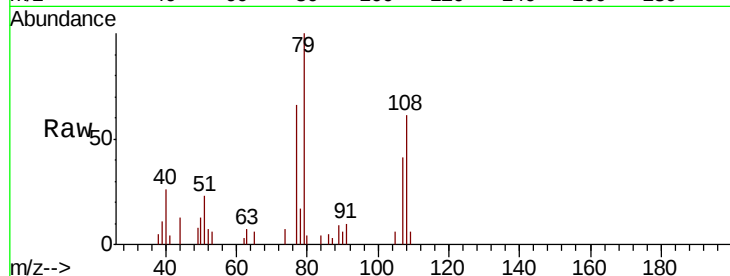
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	79	Resp:	11362
Ion Ratio	Lower	Upper	
79	100		
108	61.5	48.3	72.5
77	65.7	52.3	78.5

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.530 ng

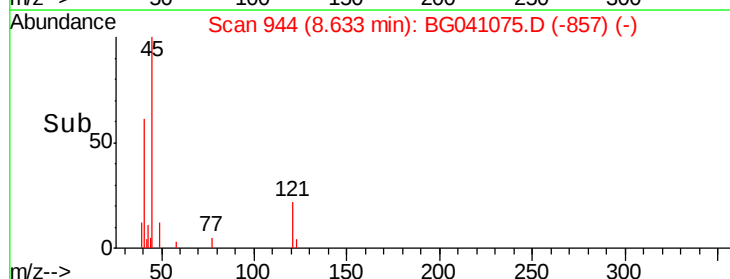
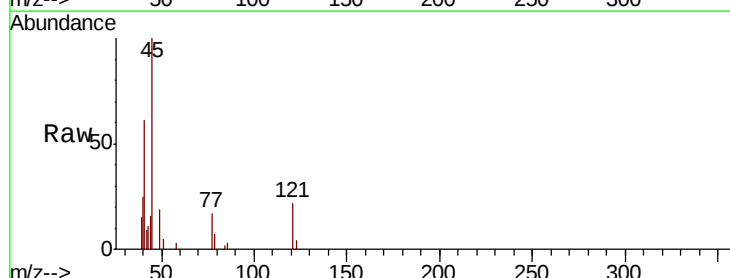
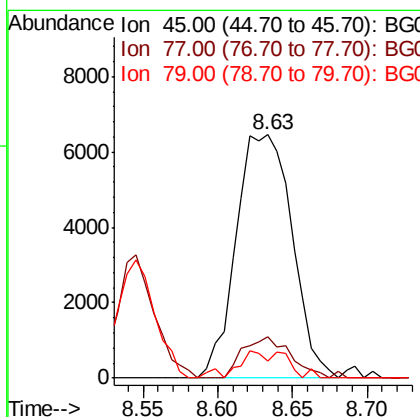
RT: 8.63 min Scan# 944

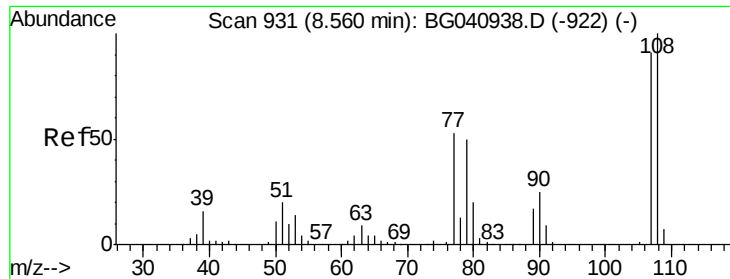
Delta R.T. -0.02 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Tgt Ion:	45	Resp:	16834
Ion Ratio	Lower	Upper	
45	100		
77	16.7	0.0	33.7
79	6.8	0.0	30.2





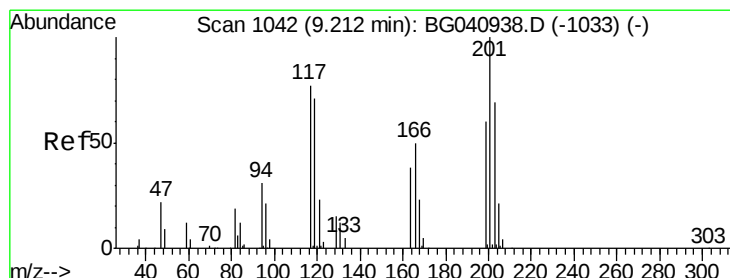
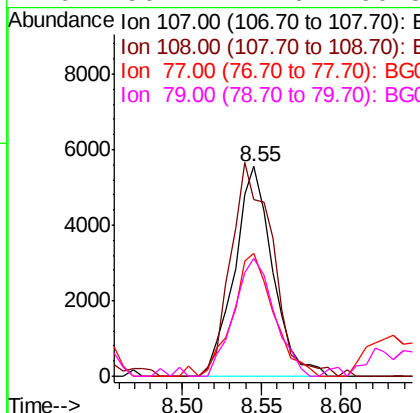
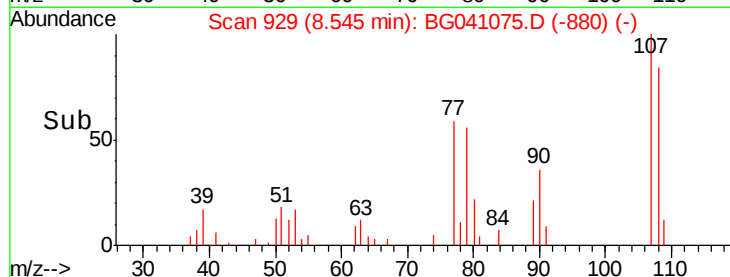
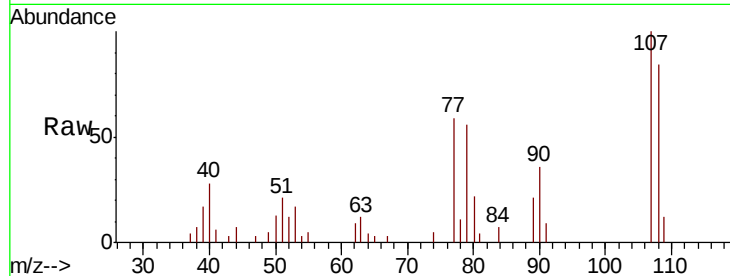
#17
2-Methylphenol
Concen: 4.093 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion:	107	Resp:	9291
Ion	Ratio	Lower	Upper
107	100		
108	84.1	87.7	131.5#
77	58.7	46.6	70.0
79	56.4	44.6	66.8

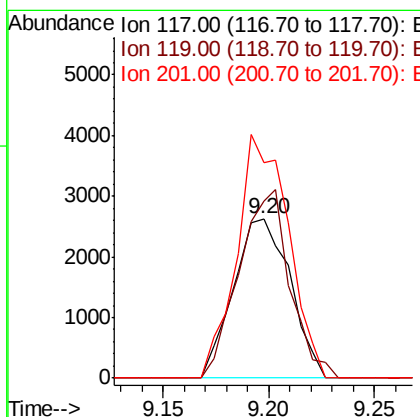
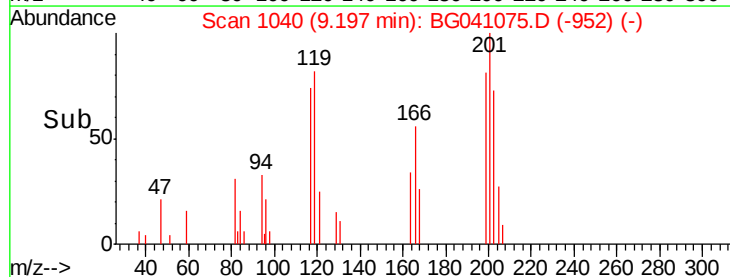
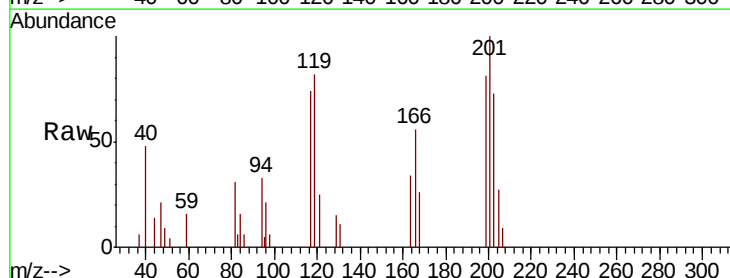
Manual Integrations
APPROVED

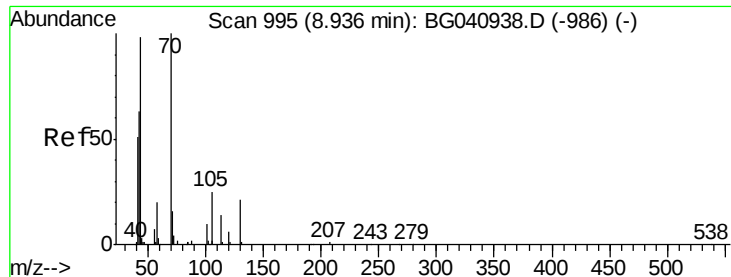
mohammad
6/6/2019 3:42:24 PM



#18
Hexachloroethane
Concen: 4.660 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion:	117	Resp:	4901
Ion	Ratio	Lower	Upper
117	100		
119	110.8	75.0	112.6
201	135.6	103.5	155.3





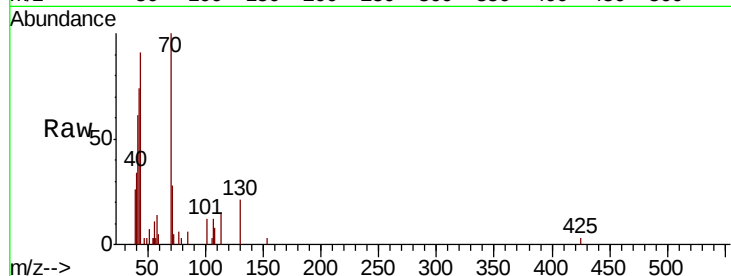
#19
n-Nitroso-di-n-propylamine
Concen: 3.982 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.0	51.5	77.3	
101	11.9	8.1	12.1	
130	21.1	16.6	24.8	

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



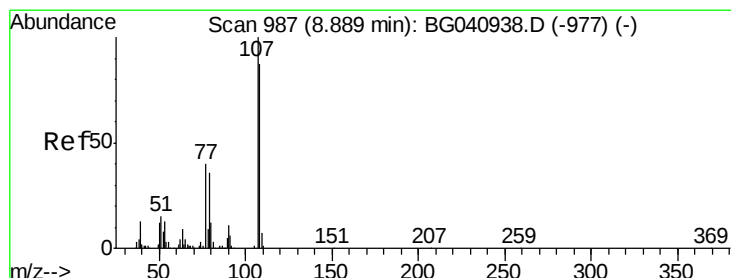
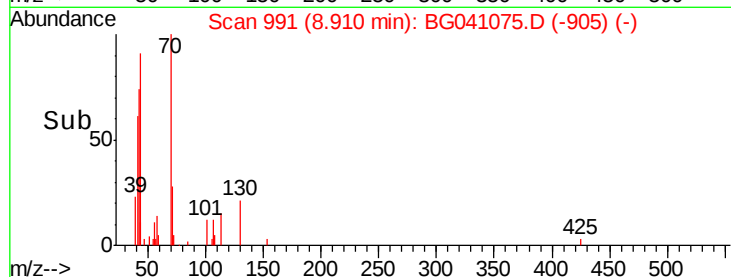
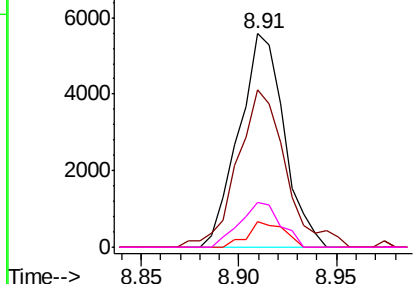
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 4.393 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	74.0	66.8	106.8	
77	37.3	20.5	60.5	
79	38.2	15.8	55.8	

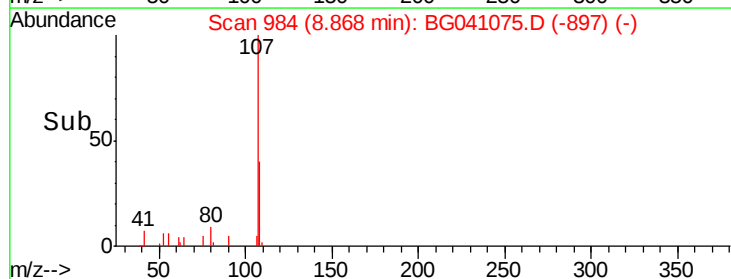
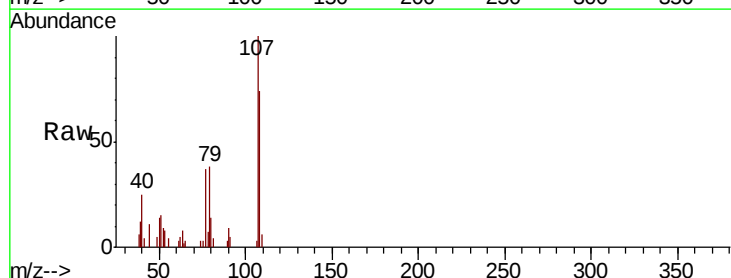
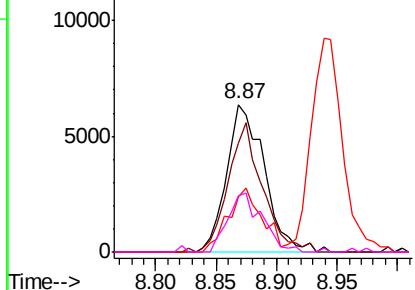
Abundance

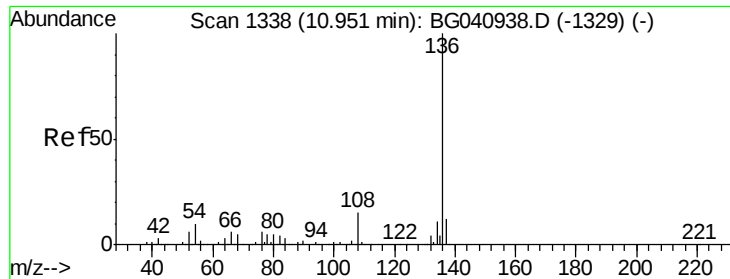
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





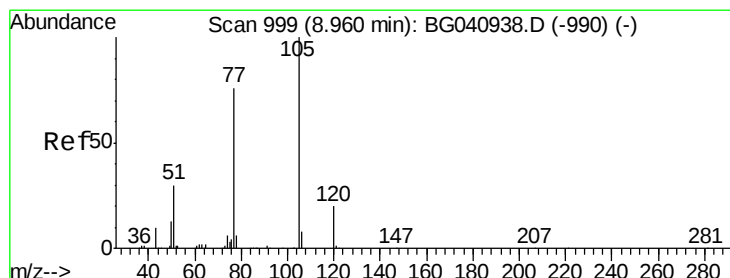
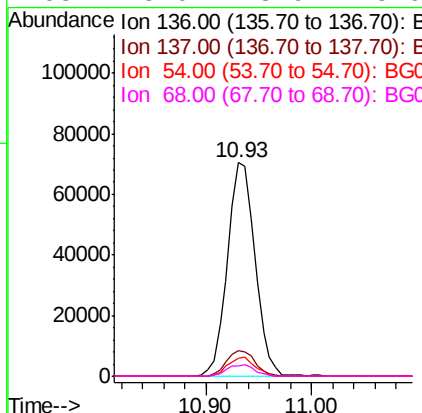
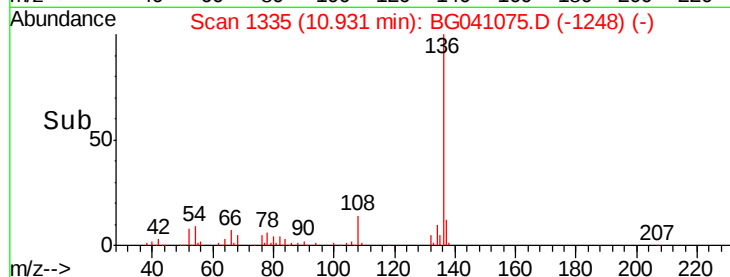
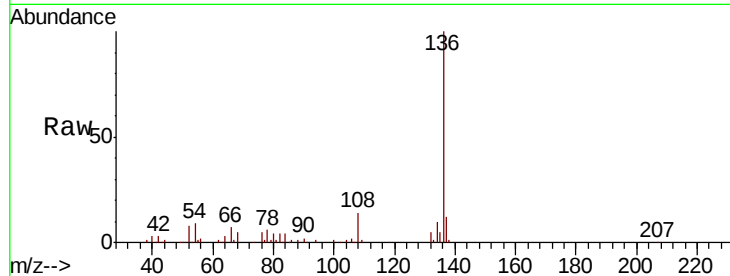
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	127356		
137	12.1	9.5	14.3	
54	9.1	7.6	11.4	
68	5.0	3.9	5.9	

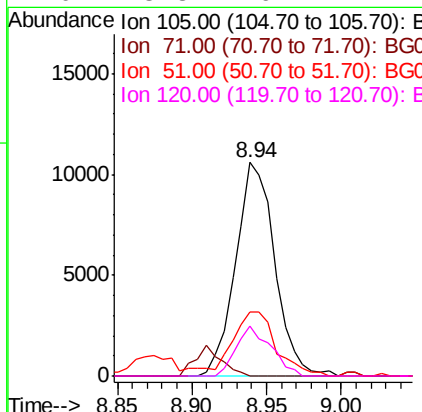
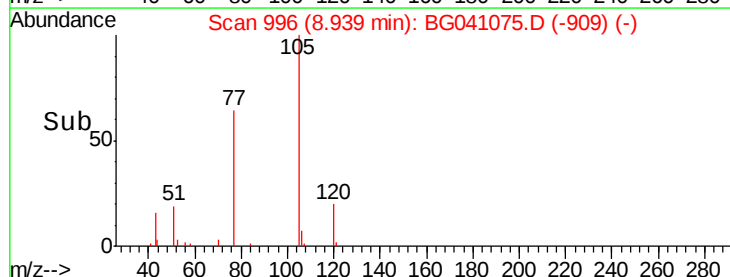
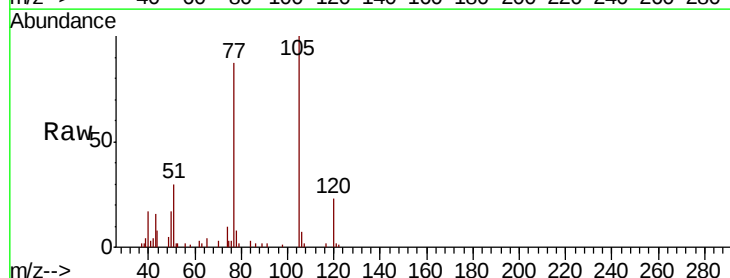
Manual Integrations
APPROVED

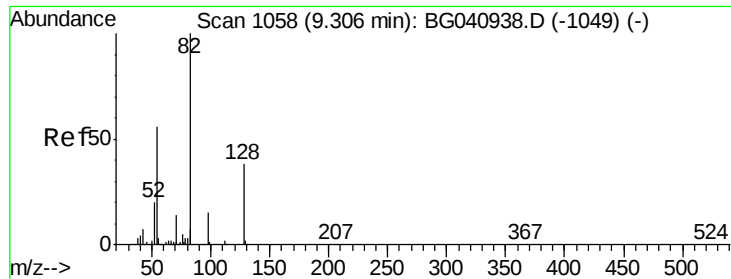
mohammad
6/6/2019 3:42:24 PM



#22
Acetophenone
Concen: 5.408 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	19321		
71	0.0	0.4	0.6#	
51	30.0	27.0	40.6	
120	23.3	16.2	24.4	





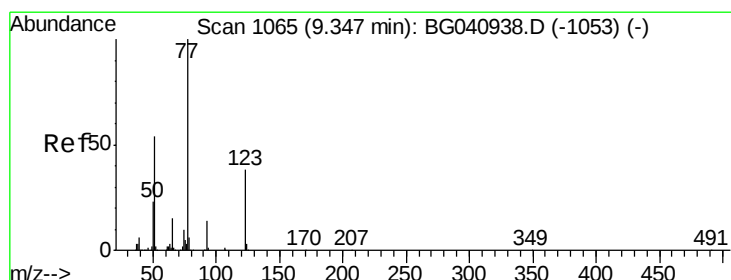
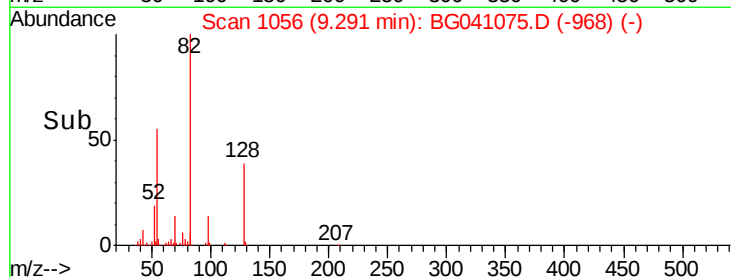
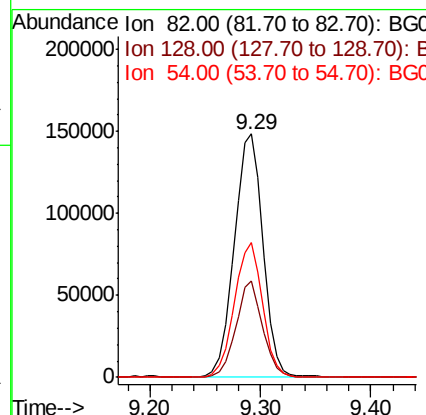
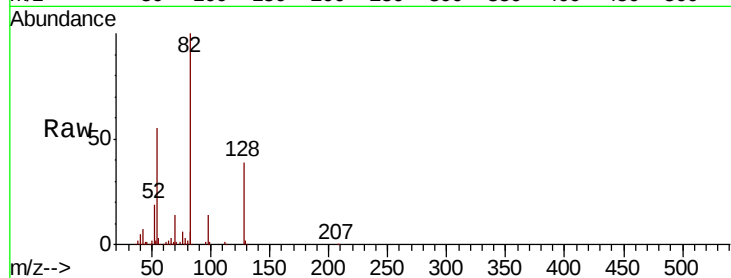
#23
Nitrobenzene-d5
Concen: 94.556 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	82	Resp	271261
Ion Ratio	Lower	Upper	
82	100		
128	39.5	30.5	45.7
54	55.3	44.6	66.8

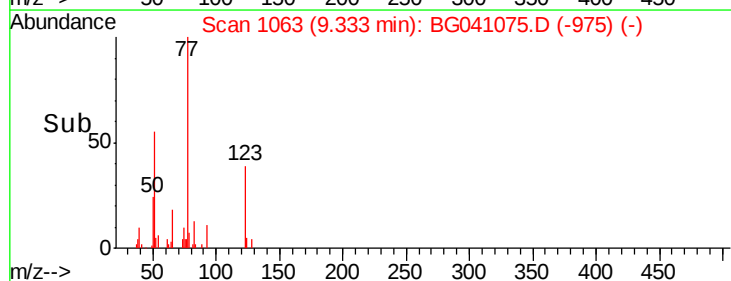
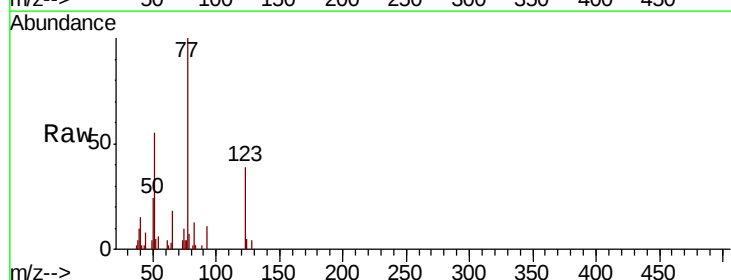
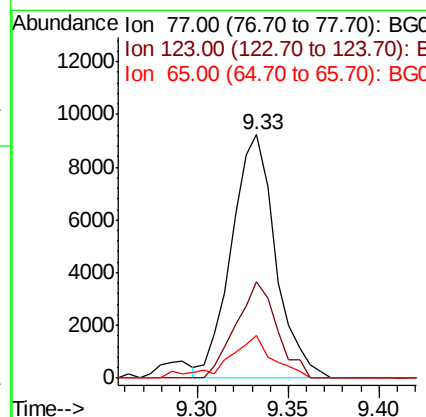
Manual Integrations
APPROVED

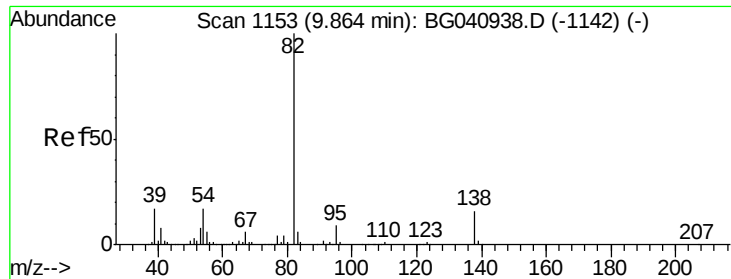
mohammad
6/6/2019 3:42:24 PM



#24
Nitrobenzene
Concen: 5.313 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	77	Resp	15534
Ion Ratio	Lower	Upper	
77	100		
123	39.5	30.6	46.0
65	17.6	12.3	18.5





#25

Isophorone

Concen: 4.936 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

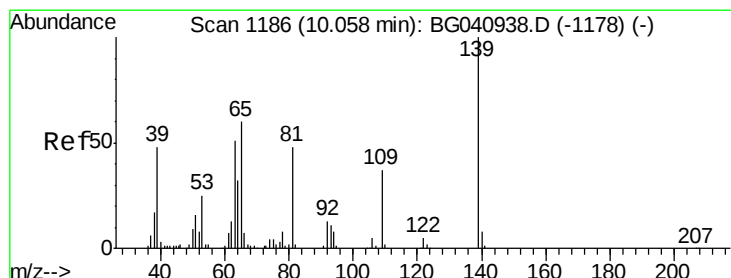
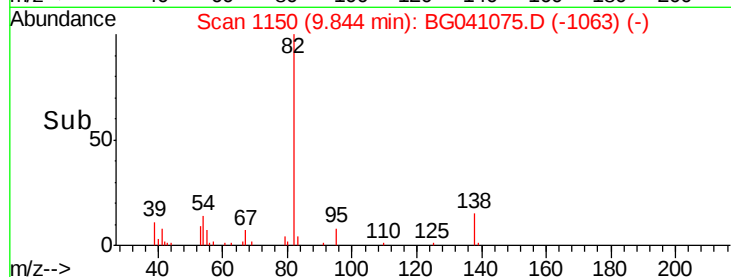
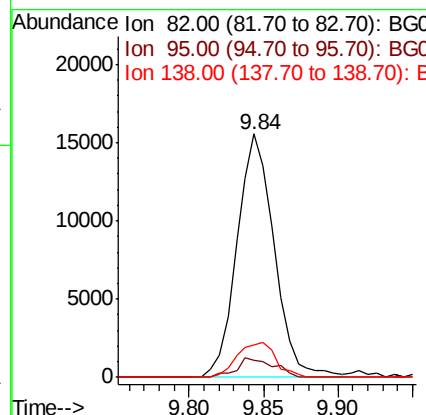
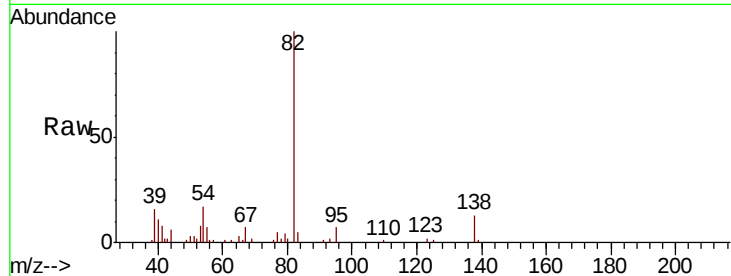
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	82	Resp:	26949
Ion Ratio	Lower	Upper	
82	100		
95	7.0	7.0	10.4
138	13.4	12.6	19.0

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#26

2-Nitrophenol

Concen: 4.952 ng

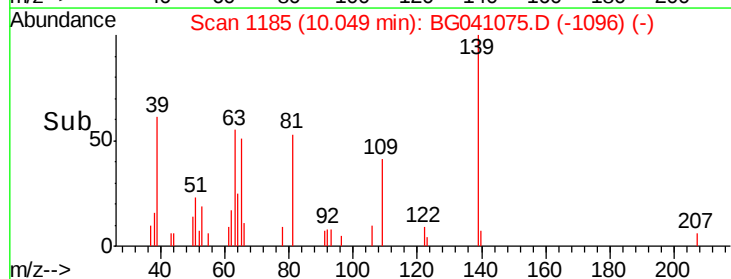
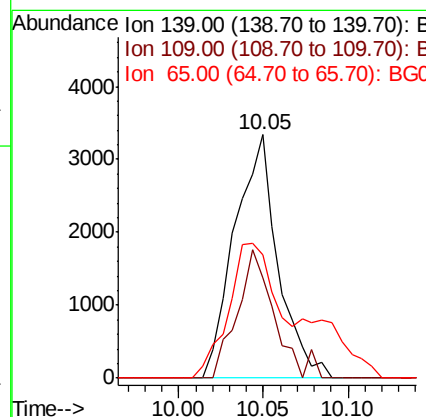
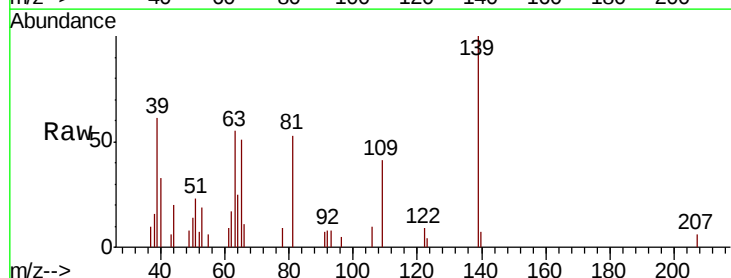
RT: 10.05 min Scan# 1185

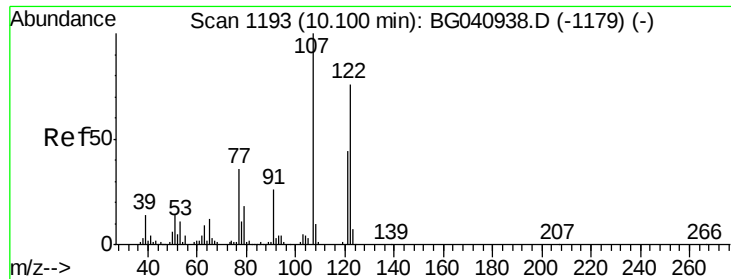
Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Tgt Ion:	139	Resp:	5968
Ion Ratio	Lower	Upper	
139	100		
109	41.2	29.8	44.6
65	50.9	47.8	71.6





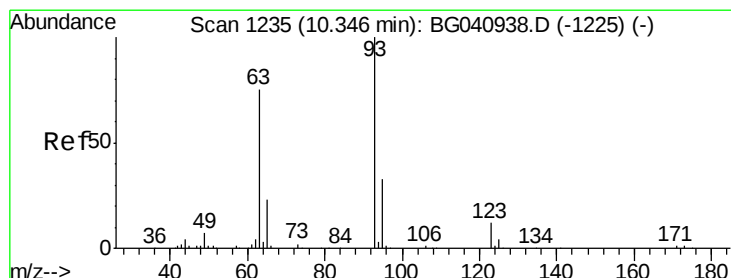
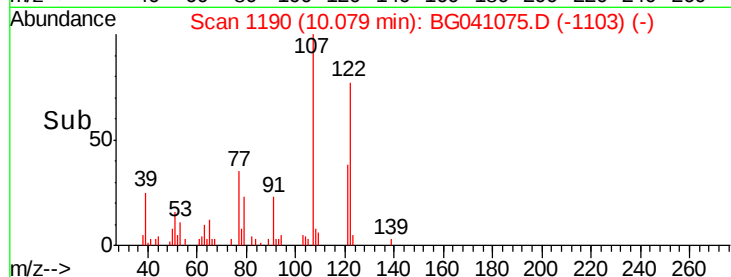
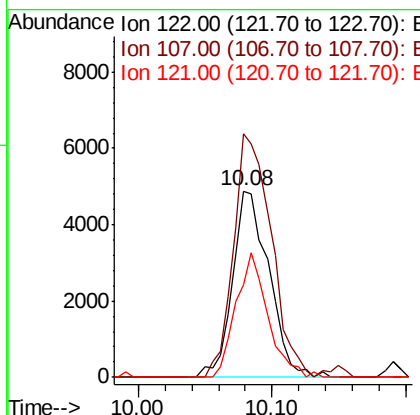
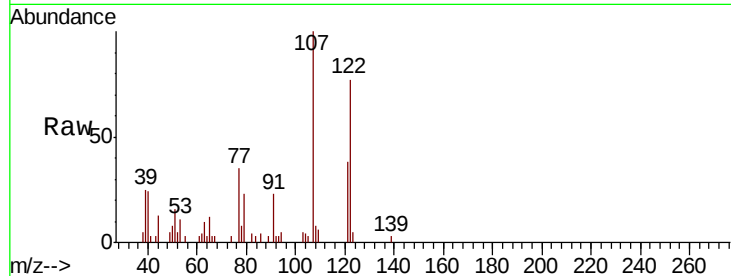
#27
2,4-Dimethylphenol
Concen: 4.640 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.7	105.9	158.9
121	49.5	46.2	69.4

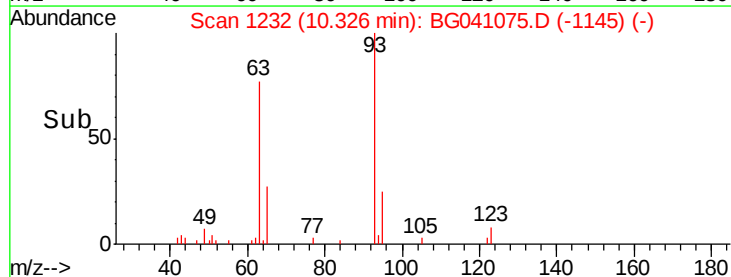
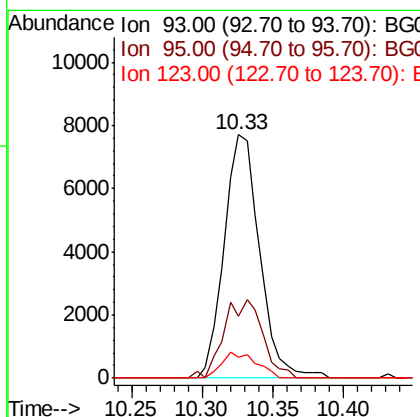
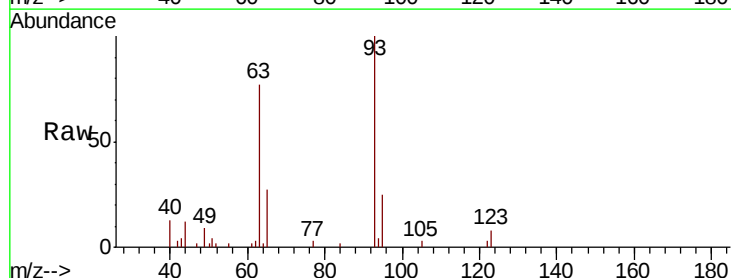
Manual Integrations
APPROVED

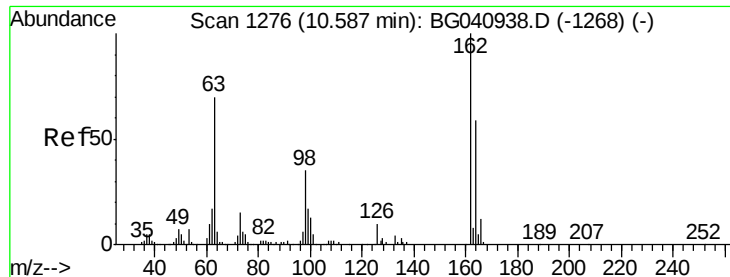
mohammad
6/6/2019 3:42:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 4.581 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	25.3	26.2	39.2#
123	8.5	9.5	14.3#





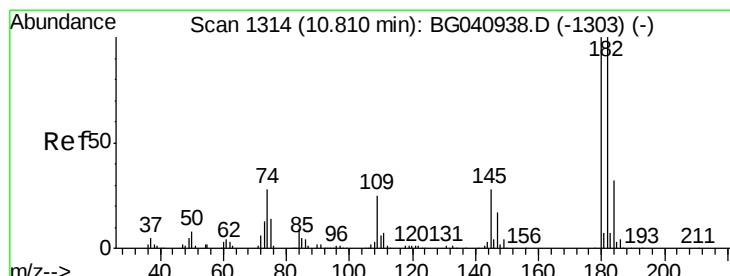
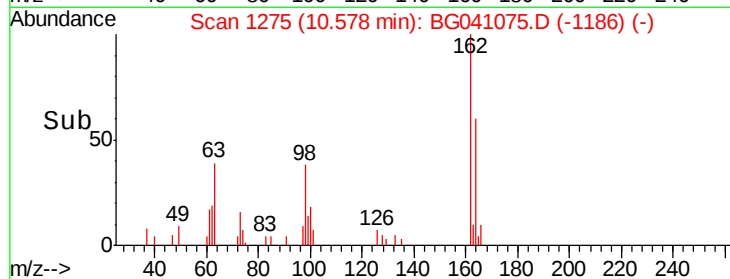
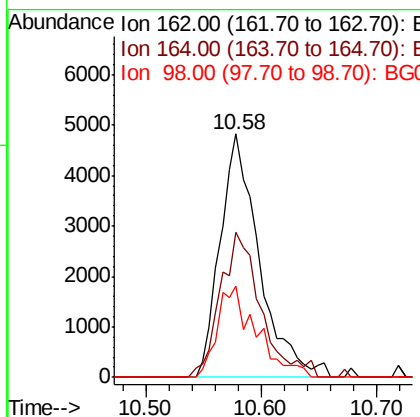
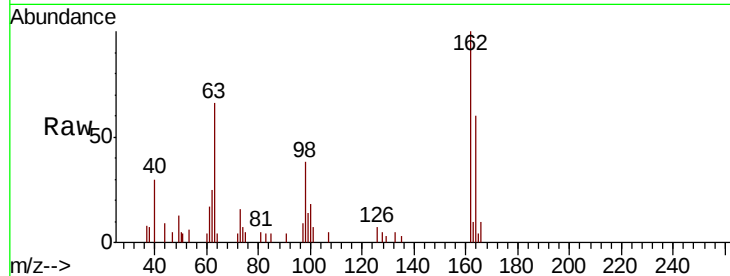
#29
2,4-Dichlorophenol
Concen: 4.474 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.5	39.4	79.4
98	37.6	15.3	55.3

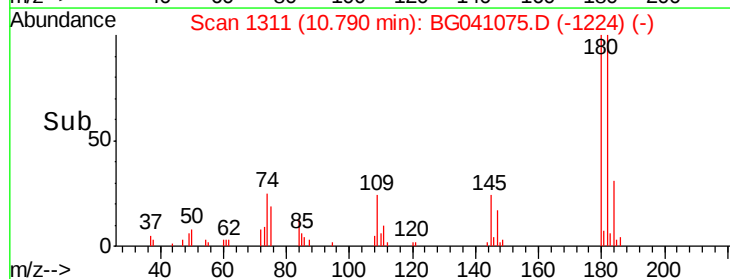
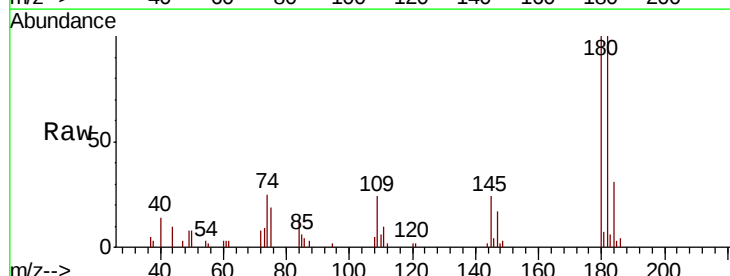
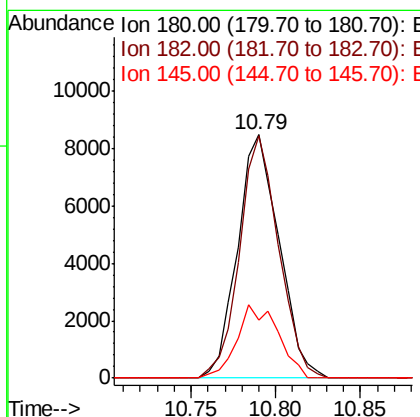
Manual Integrations
APPROVED

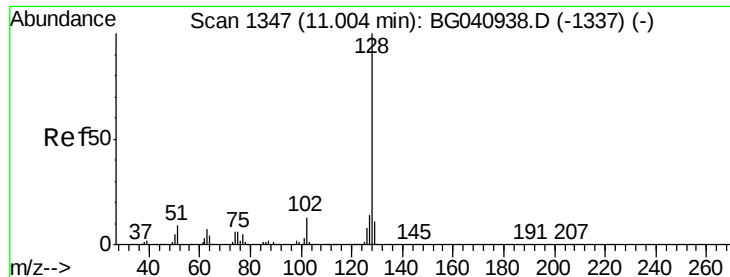
mohammad
6/6/2019 3:42:24 PM



#30
1,2,4-Trichlorobenzene
Concen: 5.039 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	79.7	119.5
145	23.6	22.6	34.0





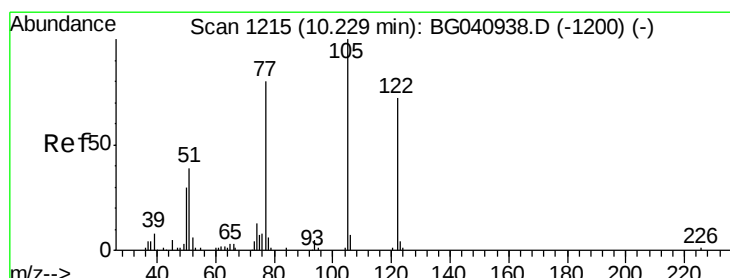
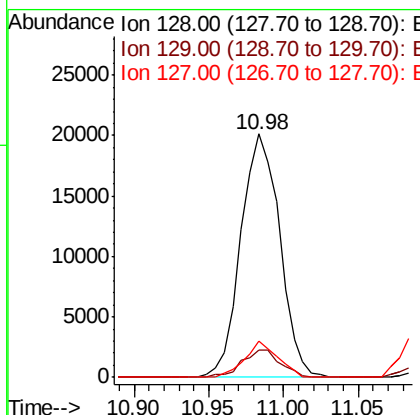
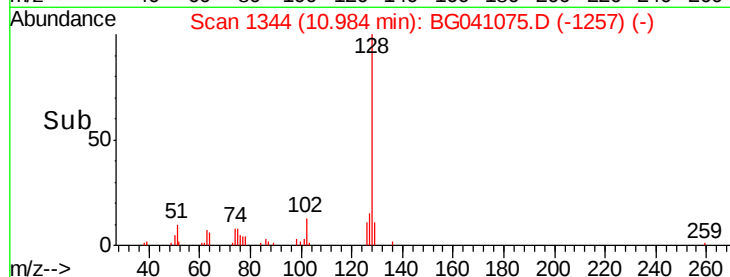
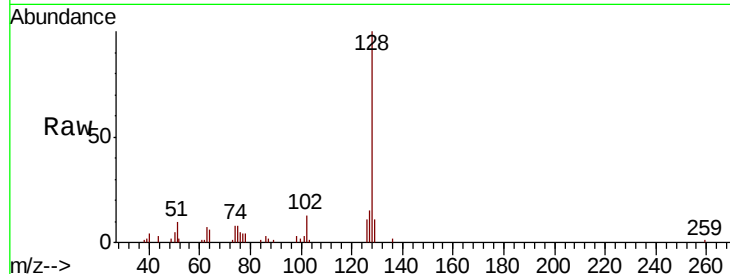
#31
Naphthalene
Concen: 5.299 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	15.1	11.4	17.2

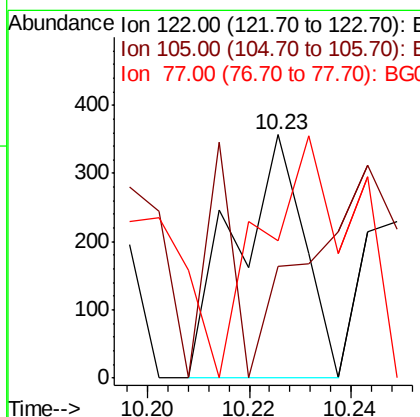
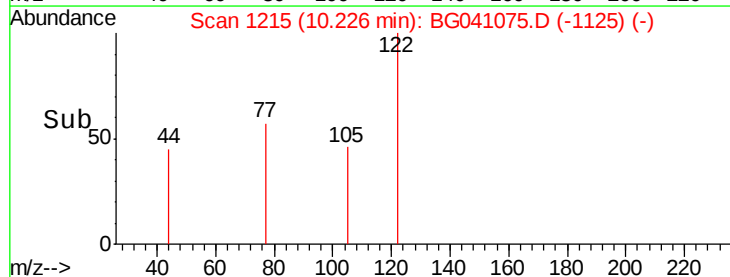
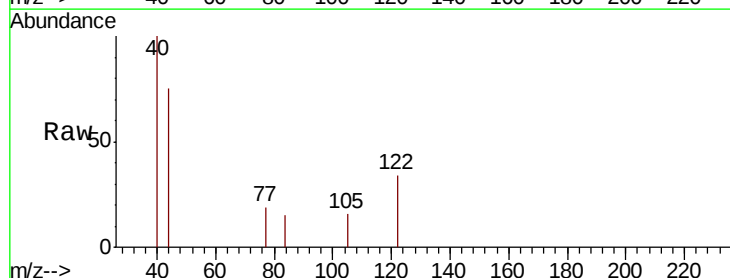
Manual Integrations
APPROVED

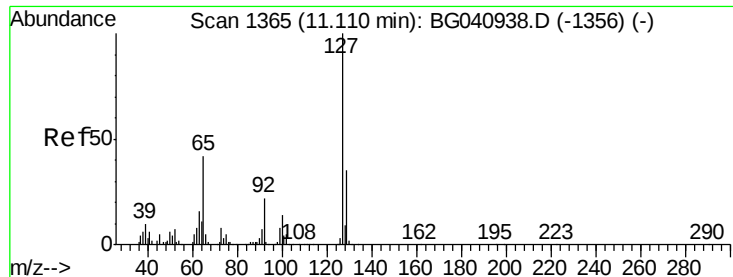
mohammad
6/6/2019 3:42:24 PM



#32
Benzoic acid
Concen: 8.309 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	45.7	114.8	154.8#
77	56.6	89.9	129.9#





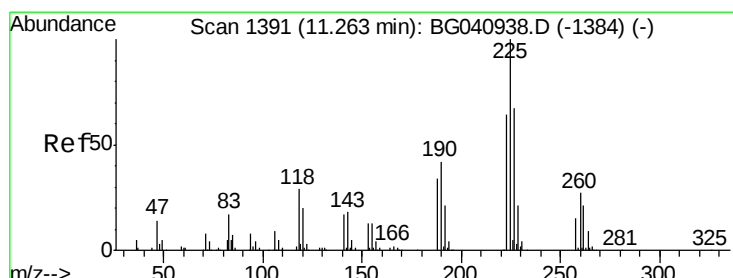
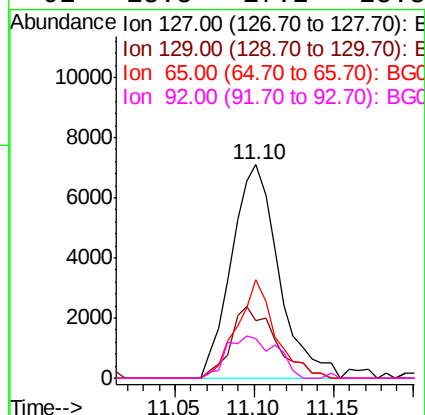
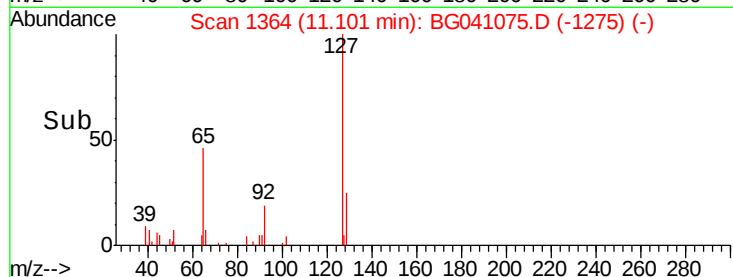
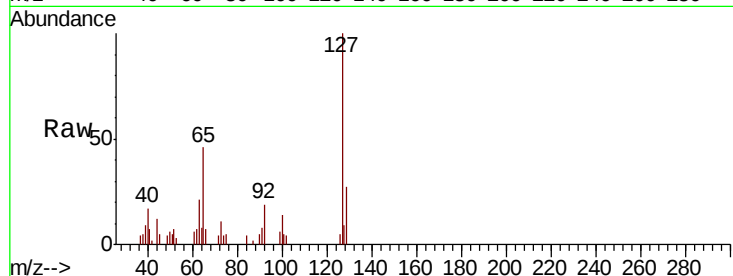
#33
4-Chloroaniline
Concen: 4.617 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	27.1	27.7	41.5		
65	45.9	33.2	49.8		
92	18.5	17.2	25.8		

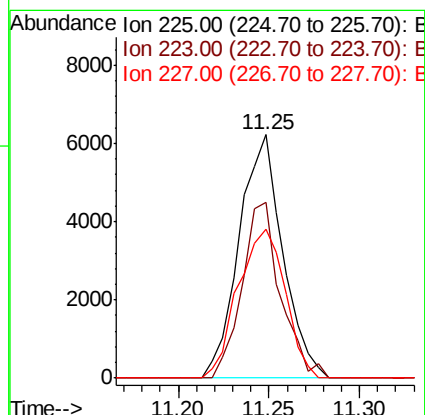
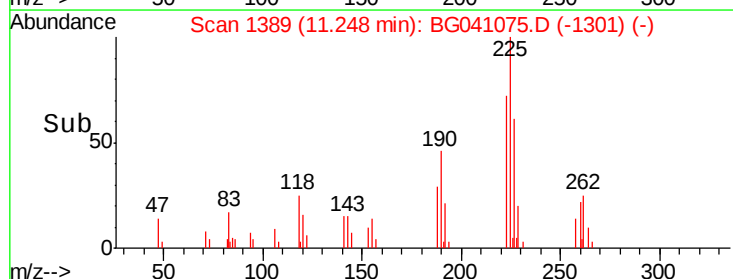
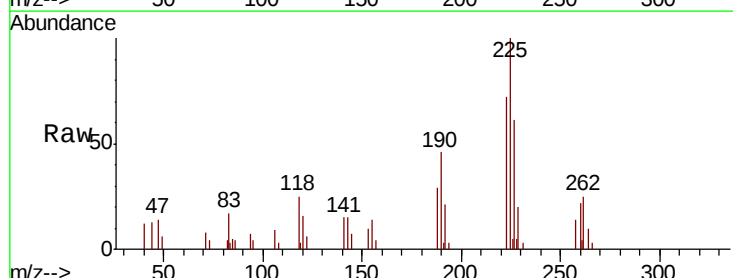
Manual Integrations
APPROVED

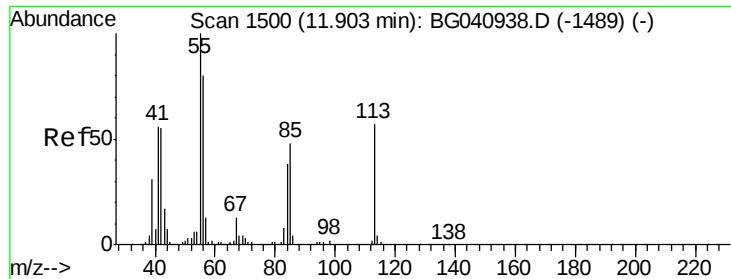
mohammad
6/6/2019 3:42:24 PM



#34
Hexachlorobutadiene
Concen: 4.725 ng
RT: 11.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	72.1	48.8	73.2		
227	66.2	51.4	77.0		





#35

Caprolactam

Concen: 4.442 ng

RT: 11.85 min Scan# 1491

Delta R.T. -0.06 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:113 Resp: 3708

Ion Ratio Lower Upper

113 100

55 202.5 155.9 195.9#

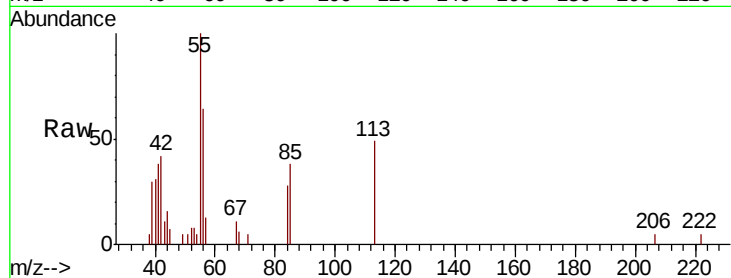
56 128.7 119.9 159.9

Manual Integrations

APPROVED

mohammad

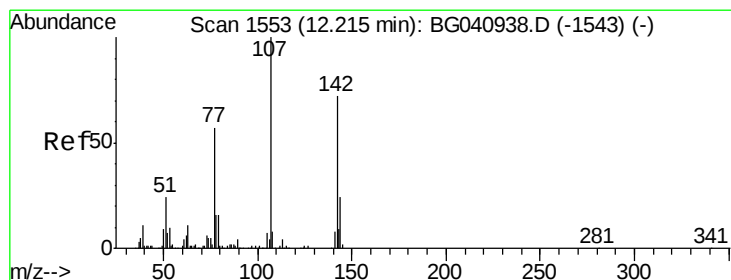
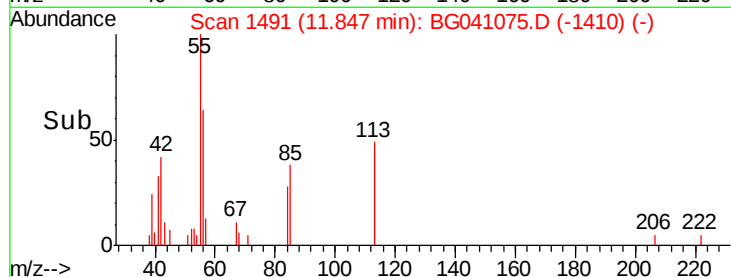
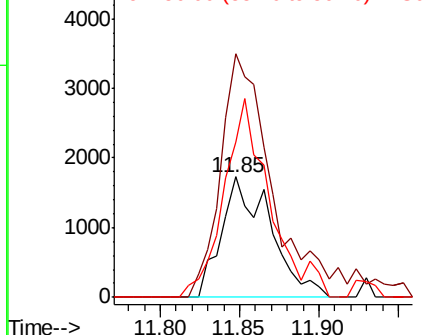
6/6/2019 3:42:24 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 4.504 ng

RT: 12.20 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

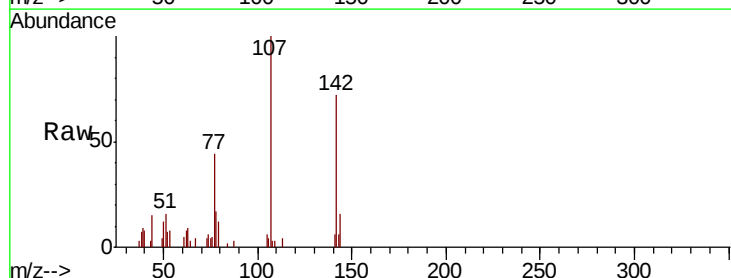
Tgt Ion:107 Resp: 13001

Ion Ratio Lower Upper

107 100

144 15.6 19.4 29.0#

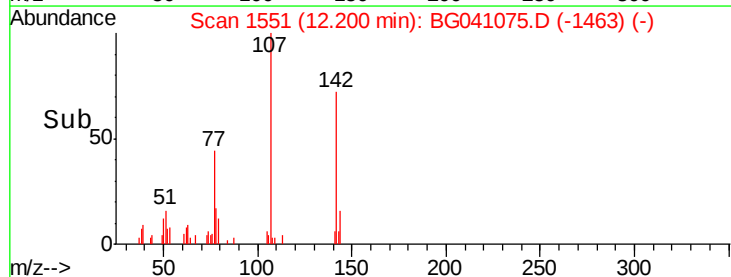
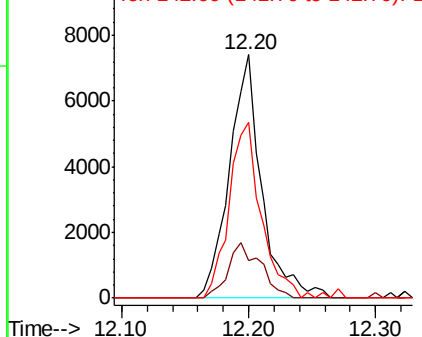
142 72.3 57.3 85.9

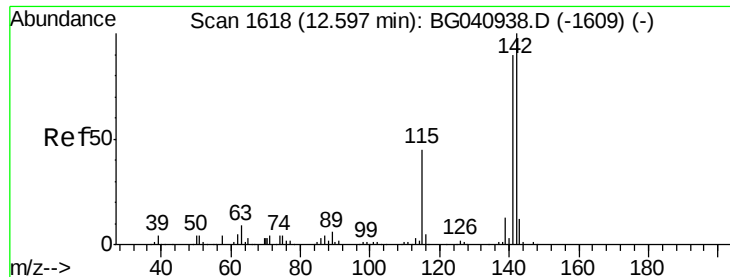


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





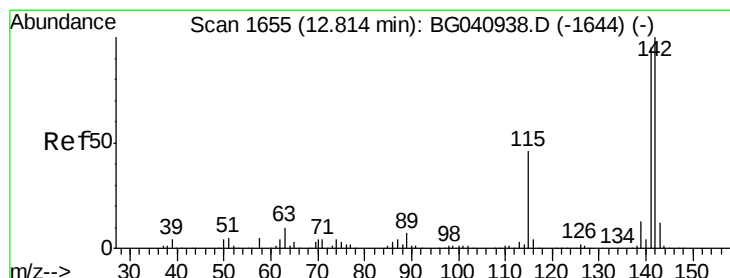
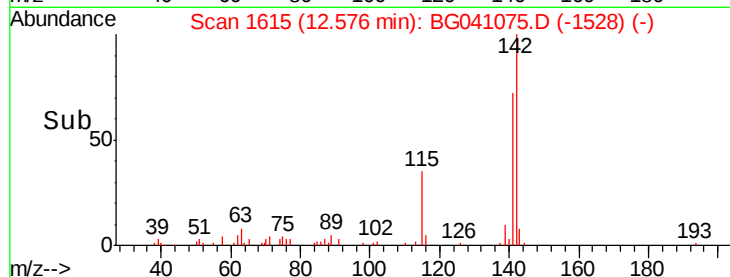
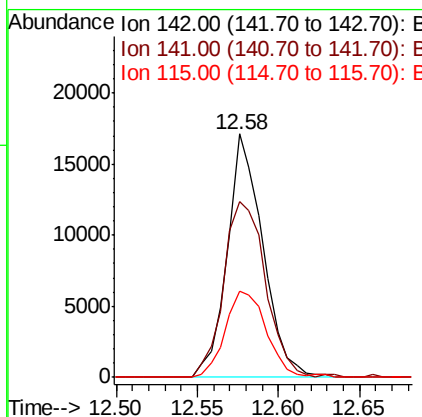
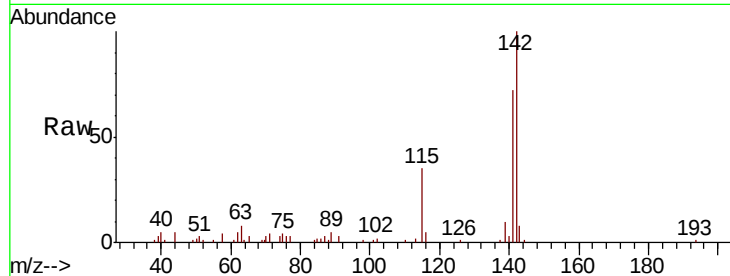
#37
2-Methylnaphthalene
Concen: 4.962 ng m
RT: 12.58 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	72.4	72.2	108.4
115	35.2	36.2	54.4

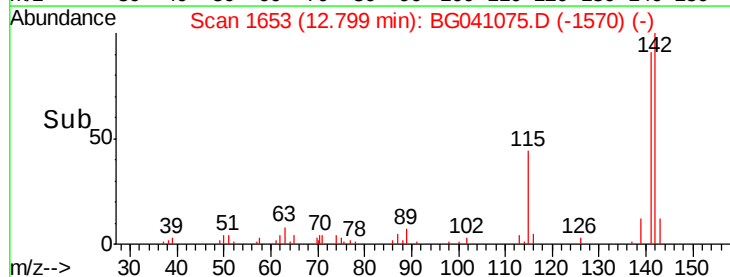
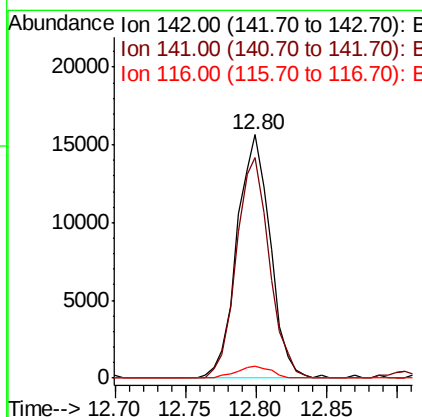
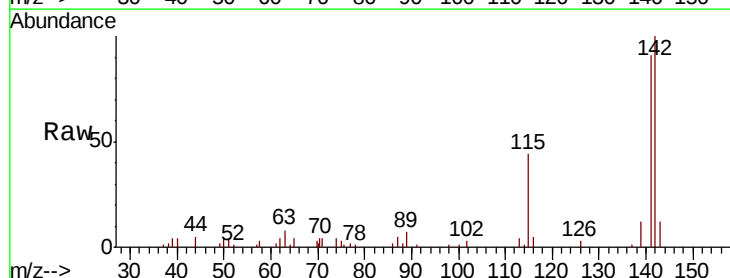
Manual Integrations
APPROVED

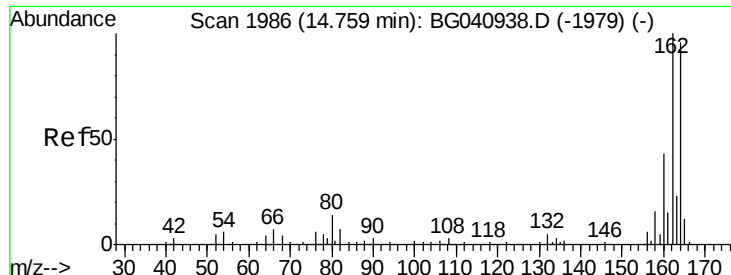
mohammad
6/6/2019 3:42:24 PM



#38
1-Methylnaphthalene
Concen: 5.192 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	75.7	113.5
116	4.7	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

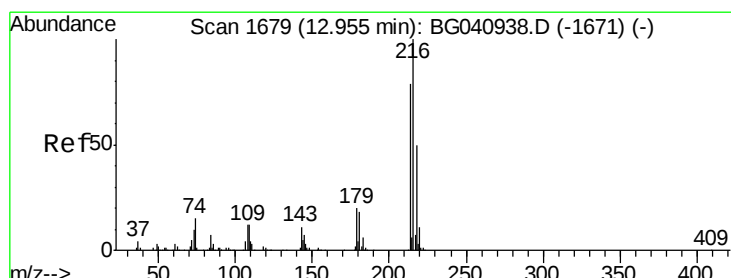
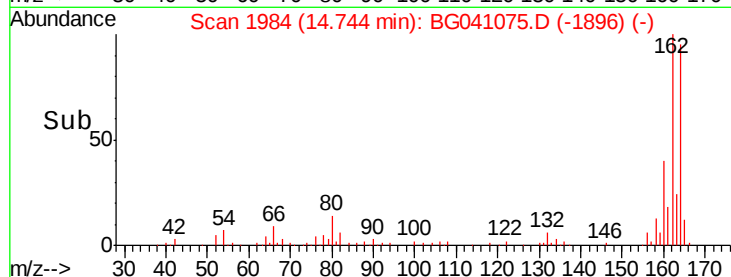
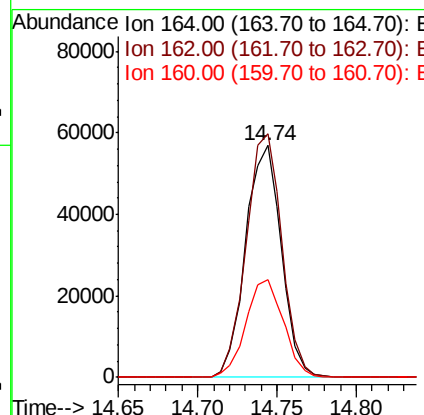
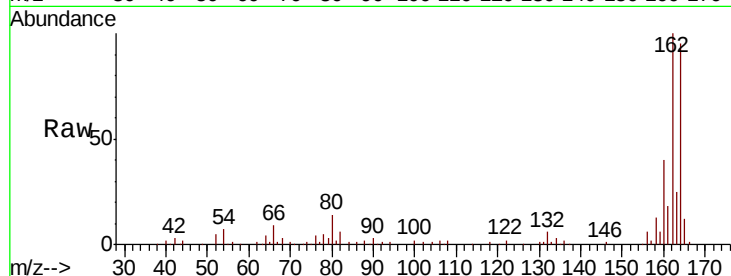
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	164	Resp:	88824
Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.0	124.4
160	41.9	35.6	53.4

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.243 ng

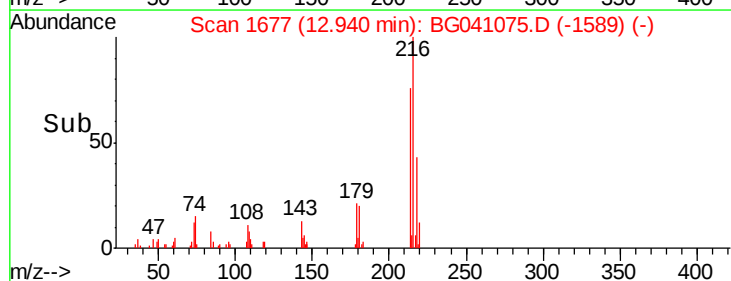
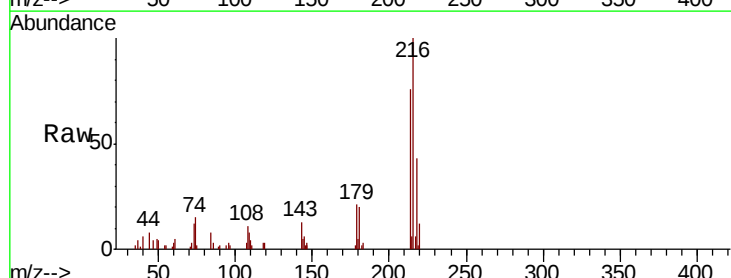
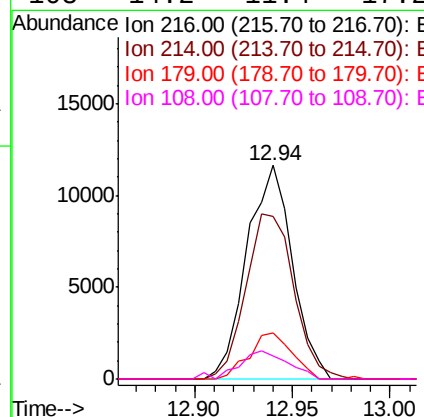
RT: 12.94 min Scan# 1677

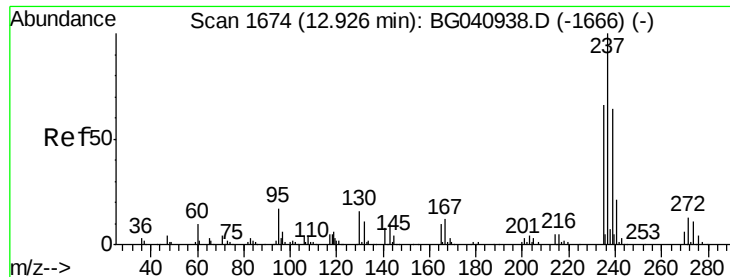
Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Tgt Ion:	216	Resp:	18770
Ion	Ratio	Lower	Upper
216	100		
214	81.5	63.4	95.2
179	20.2	15.2	22.8
108	14.2	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 10.873 ng

RT: 12.90 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

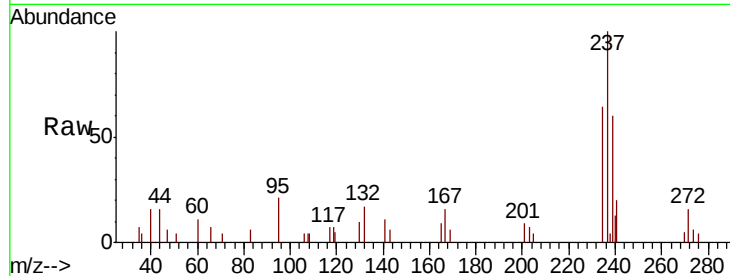
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

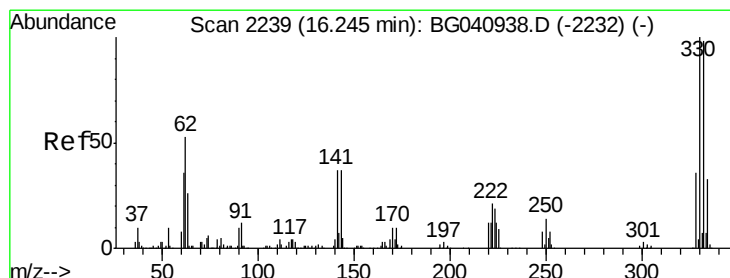
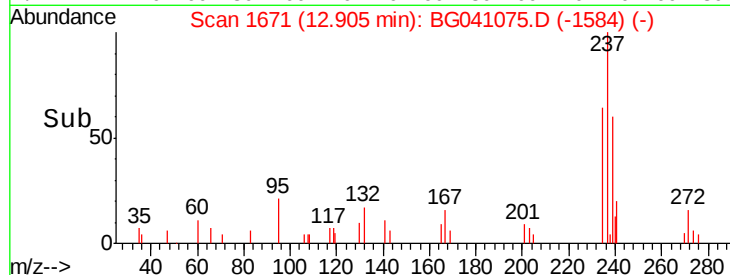
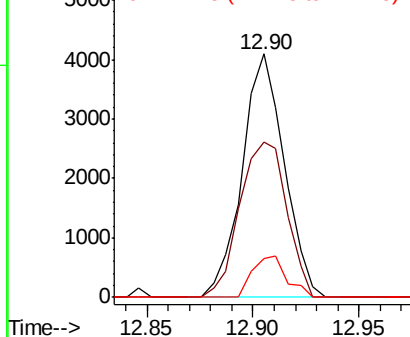
Tot Ion:	237	Resp:	5658
Ion Ratio	Lower	Upper	
237	100		
235	63.7	45.5	85.5
272	16.0	0.0	32.9

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



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



#42

2,4,6-Tribromophenol

Concen: 158.349 ng

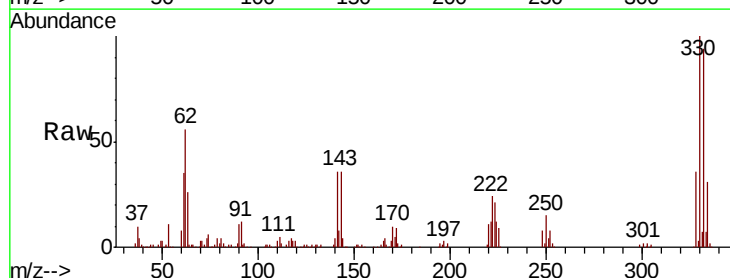
RT: 16.22 min Scan# 2236

Delta R.T. -0.02 min

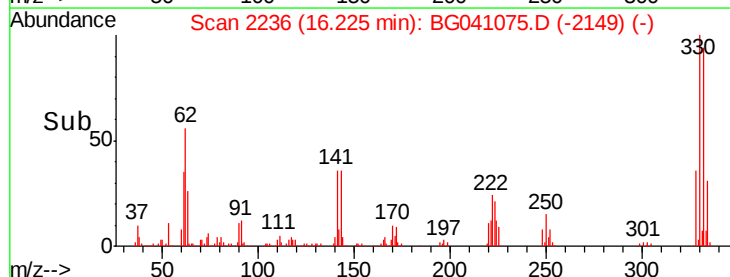
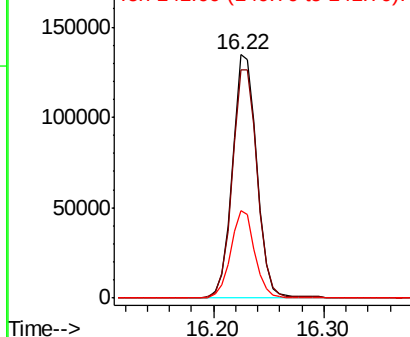
Lab File: BG041075.D

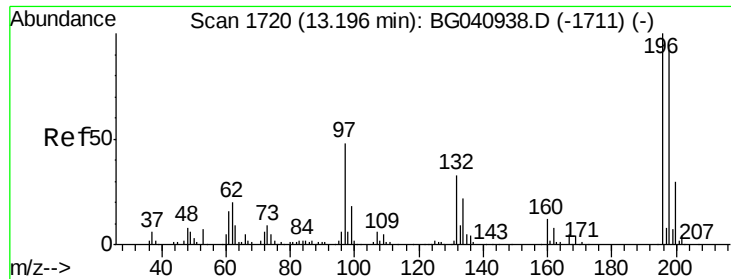
Acq: 5 Jun 2019 16:58

Tgt Ion:	330	Resp:	208807
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.5	117.7
141	35.3	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





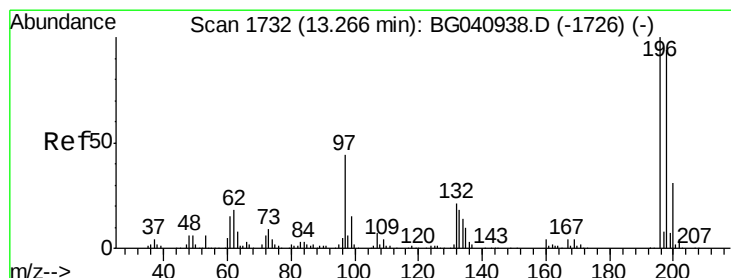
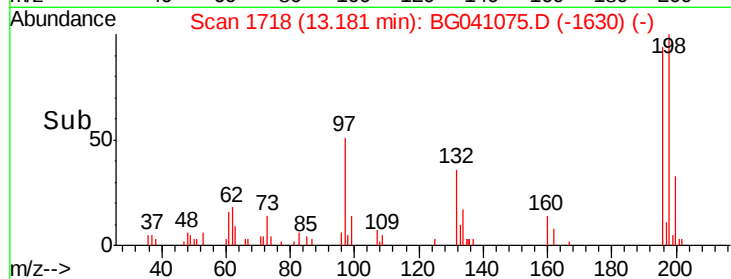
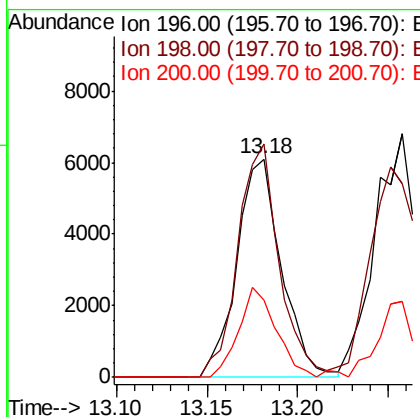
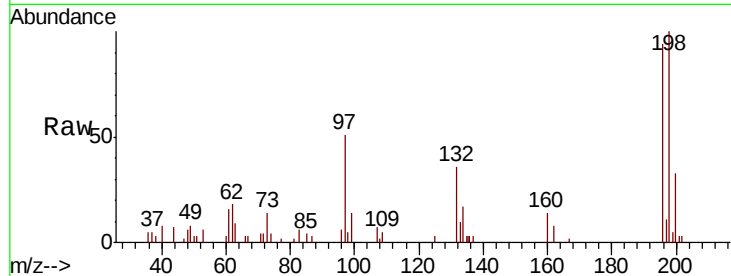
#43
 2,4,6-Trichlorophenol
 Concen: 4.525 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG041075.D
 Acq: 5 Jun 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	10480		
198	106.9	73.8	110.6	
200	35.4	24.1	36.1	

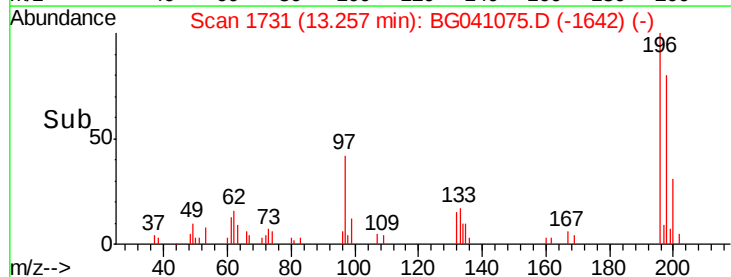
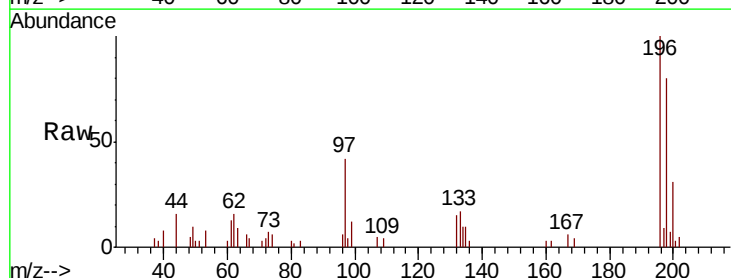
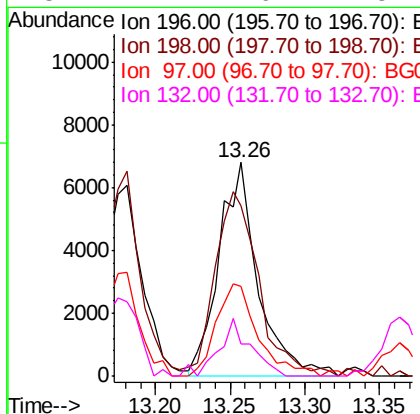
Manual Integrations
 APPROVED

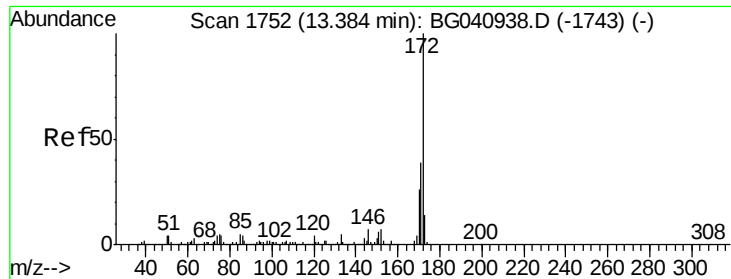
mohammad
 6/6/2019 3:42:24 PM



#44
 2,4,5-Trichlorophenol
 Concen: 5.115 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041075.D
 Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	12493		
198	79.7	75.1	112.7	
97	41.7	35.6	53.4	
132	14.7	16.7	25.1	#





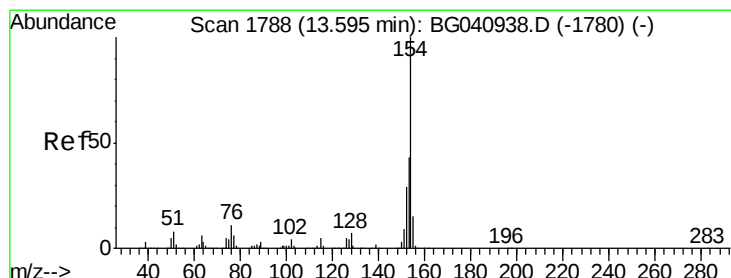
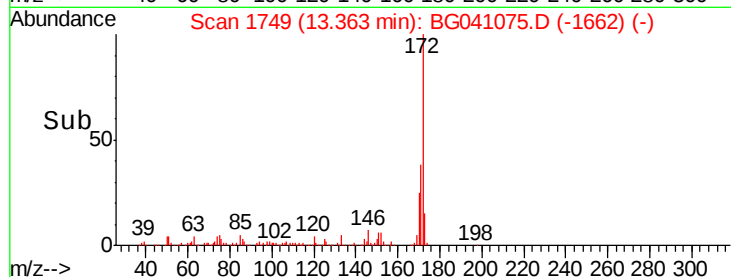
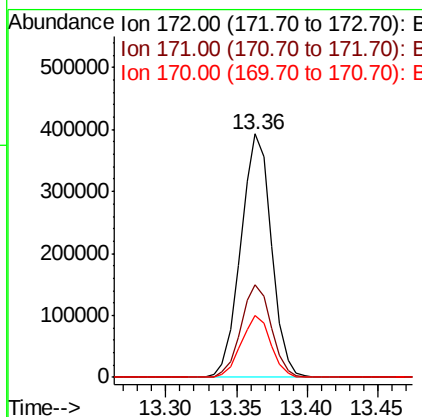
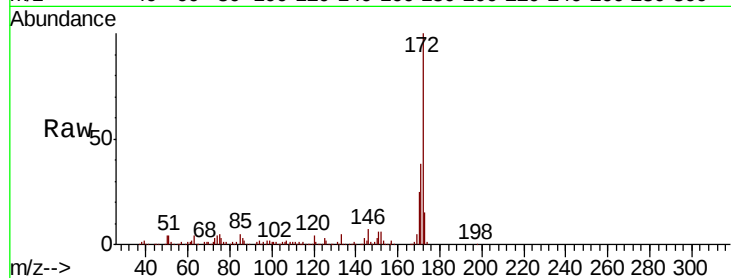
#45
2-Fluorobiphenyl
Concen: 96.397 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.1	46.7
170	25.3	20.5	30.7

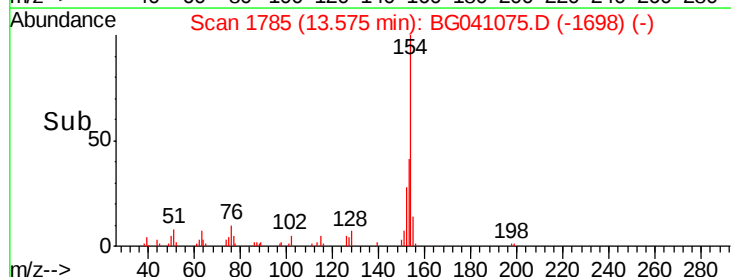
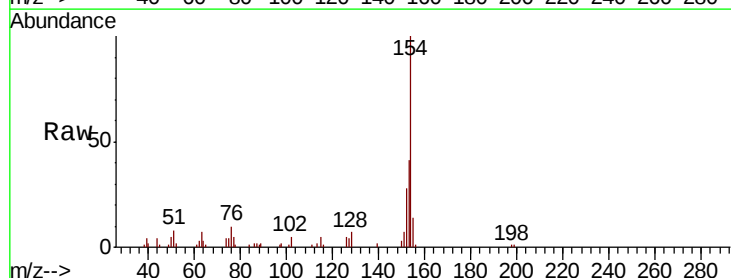
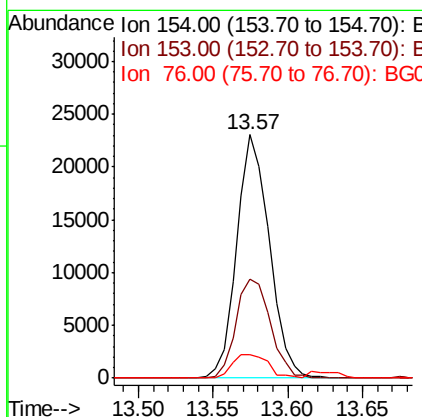
Manual Integrations
APPROVED

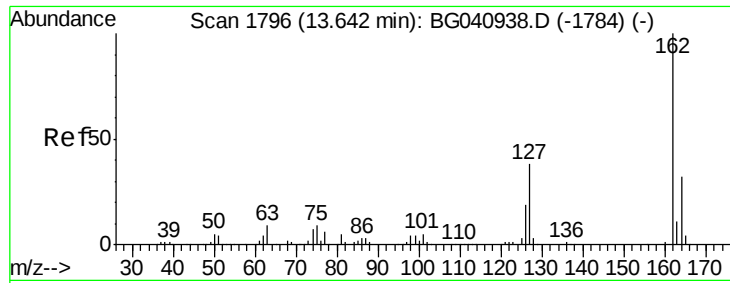
mohammad
6/6/2019 3:42:24 PM



#46
1,1'-Biphenyl
Concen: 5.338 ng
RT: 13.57 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	23.3	63.3
76	9.7	0.0	31.1





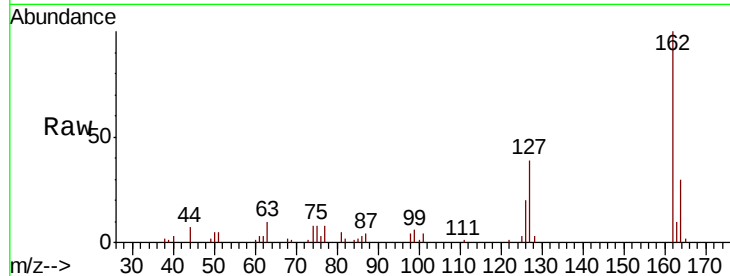
#47
 2-Chloronaphthalene
 Concen: 5.048 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG041075.D
 Acq: 5 Jun 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

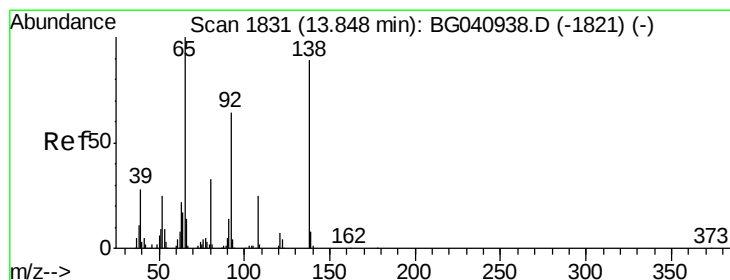
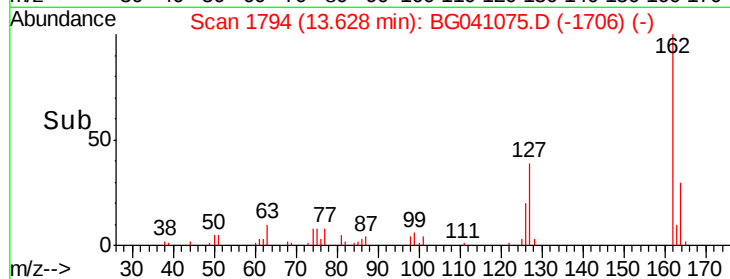
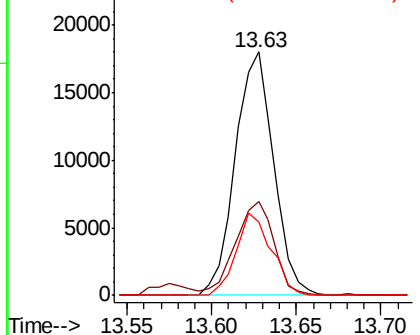
Tot Ion:	162	Resp:	28491
Ion Ratio	Lower	Upper	
162	100		
127	38.6	30.5	45.7
164	30.2	25.8	38.6

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:42:24 PM

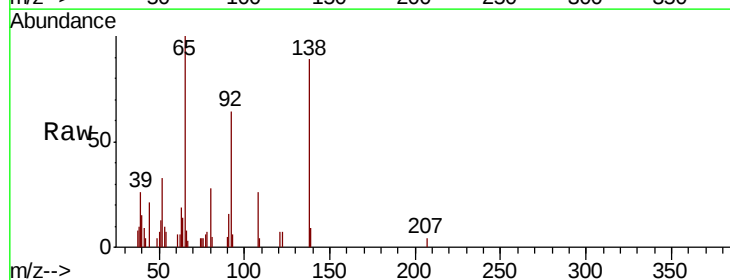


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

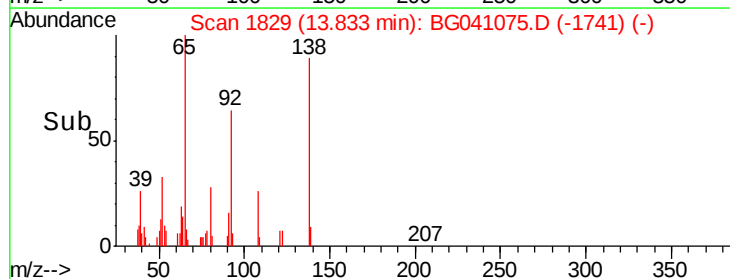
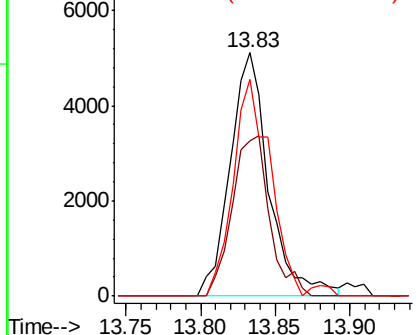


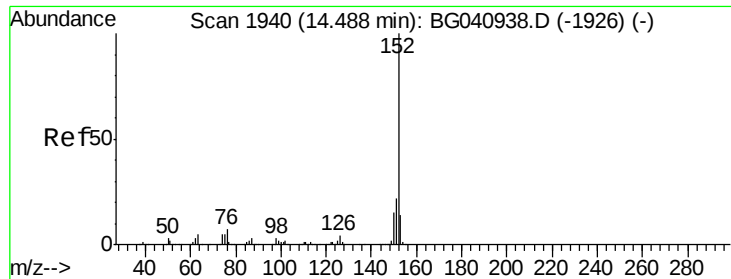
#48
 2-Nitroaniline
 Concen: 4.560 ng
 RT: 13.83 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BG041075.D
 Acq: 5 Jun 2019 16:58

Tgt Ion:	65	Resp:	9233
Ion Ratio	Lower	Upper	
65	100		
92	63.9	51.0	76.6
138	89.2	71.2	106.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 5.278 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

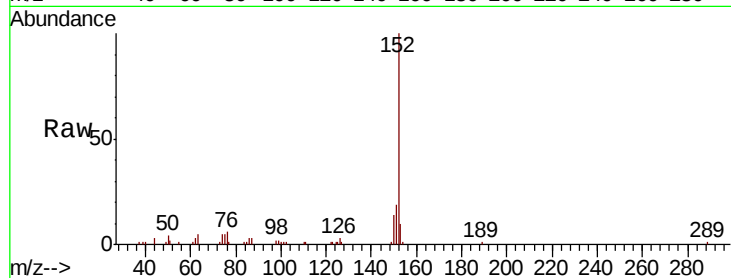
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	152	Resp:	44835
Ion Ratio	Lower	Upper	
152	100		
151	18.9	17.4	26.0
153	10.3	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM

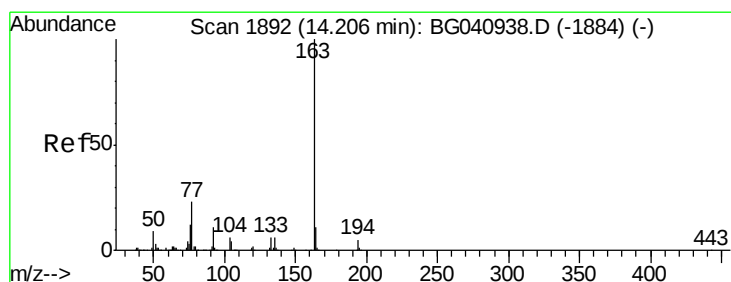
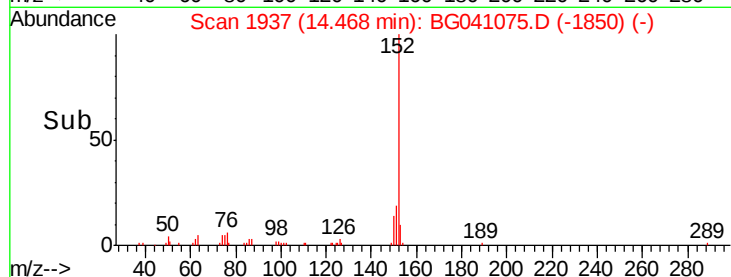
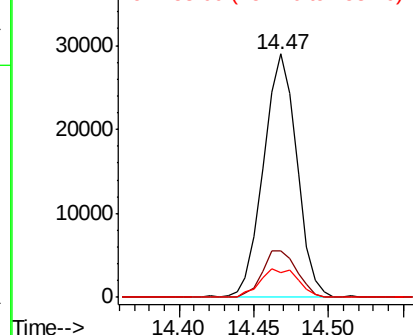


Abundance

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



#50

Dimethylphthalate

Concen: 5.002 ng

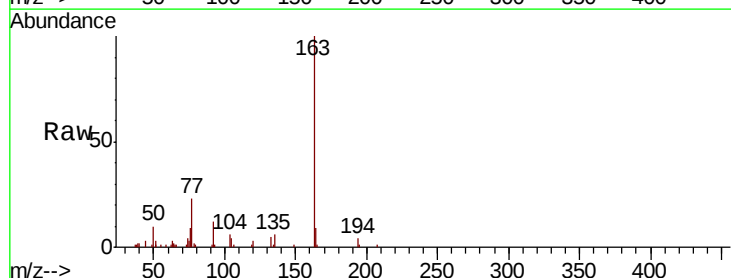
RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Tgt Ion:	163	Resp:	37608
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.8	5.8
164	9.4	8.7	13.1

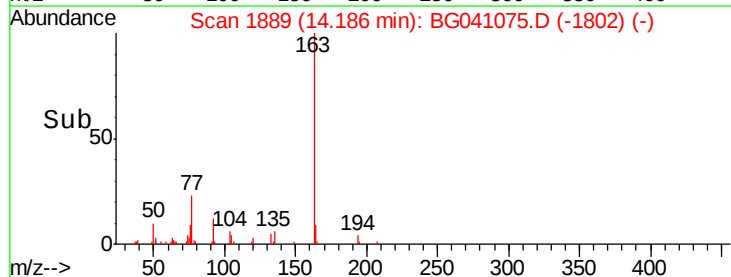
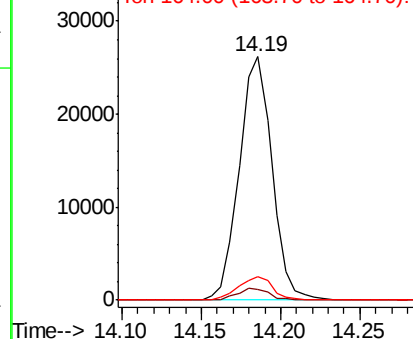


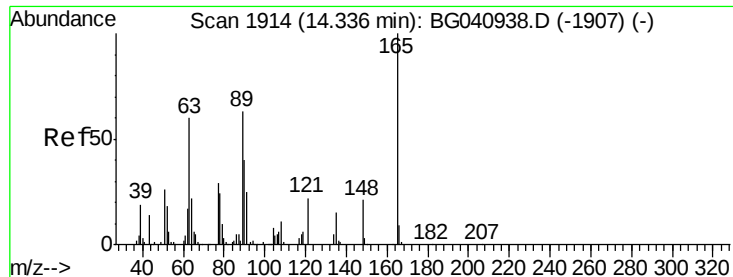
Abundance

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





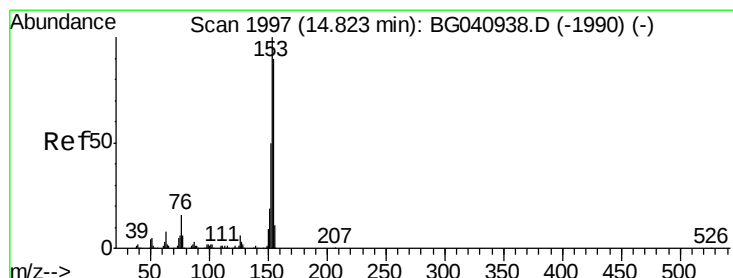
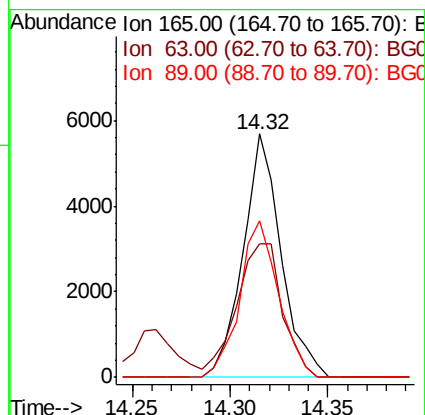
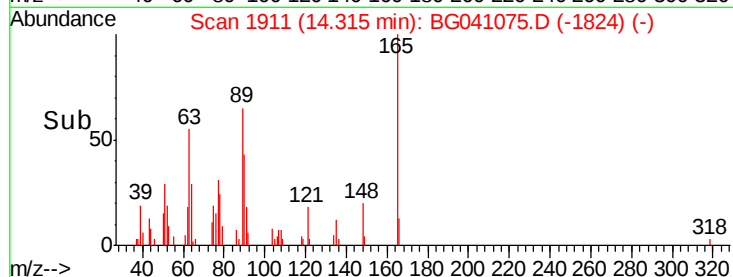
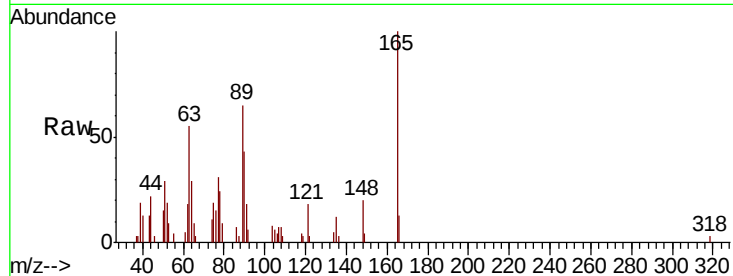
#51
2,6-Dinitrotoluene
Concen: 4.723 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion:	165	Resp:	7656
Ion Ratio	Lower	Upper	
165	100		
63	55.0	53.6	80.4
89	64.5	50.4	75.6

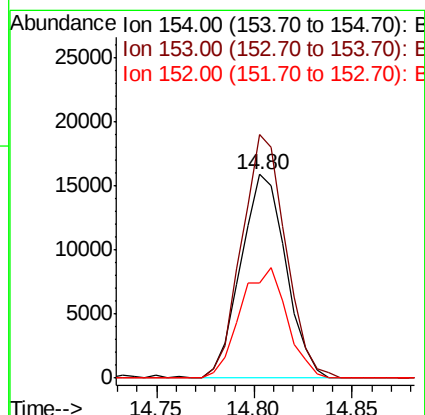
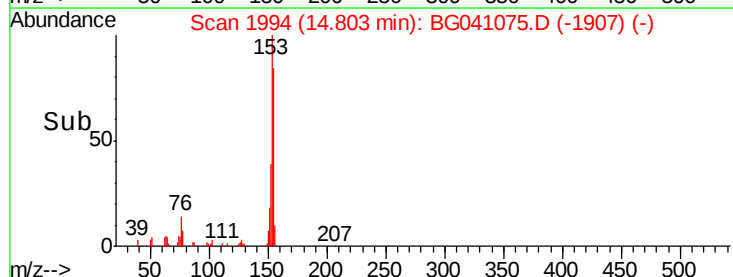
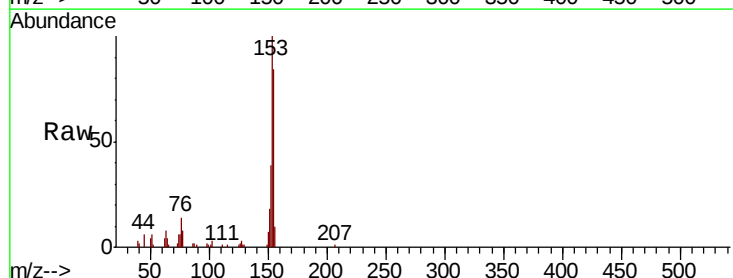
Manual Integrations
APPROVED

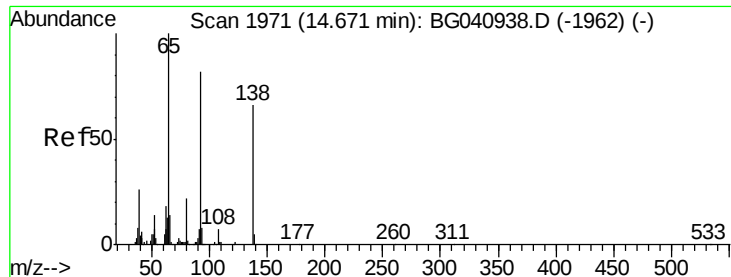
mohammad
6/6/2019 3:42:24 PM



#52
Acenaphthene
Concen: 4.943 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion:	154	Resp:	25441
Ion Ratio	Lower	Upper	
154	100		
153	119.6	88.6	133.0
152	46.9	44.2	66.4





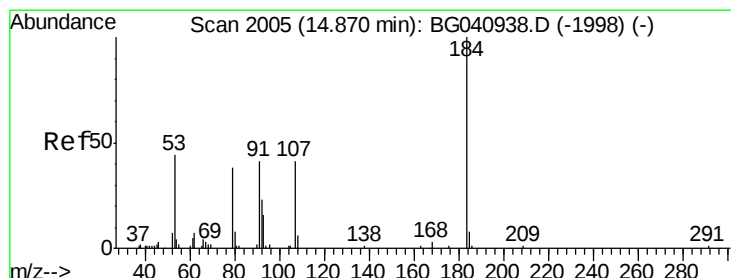
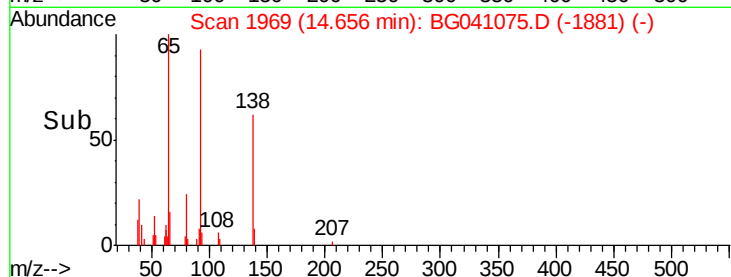
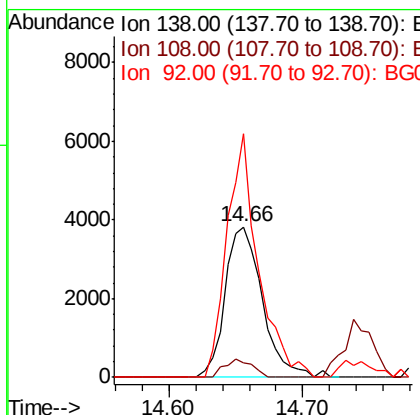
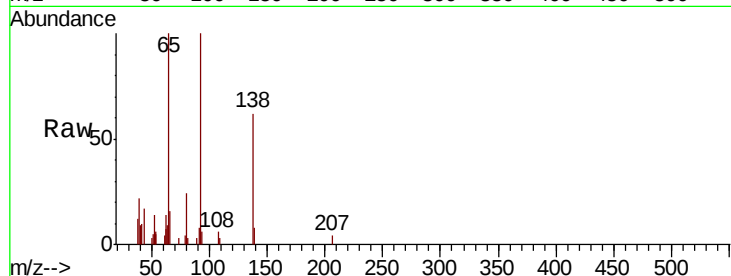
#53
3-Nitroaniline
Concen: 4.595 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.5	12.7
92	161.5	99.0	148.6#

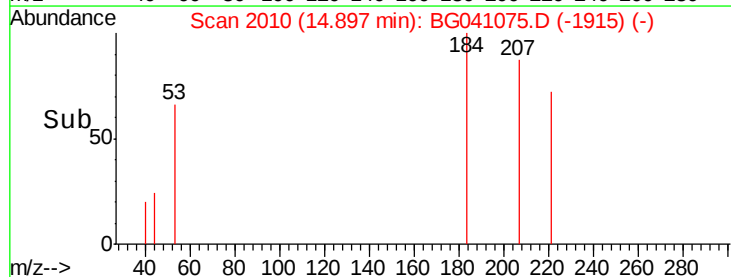
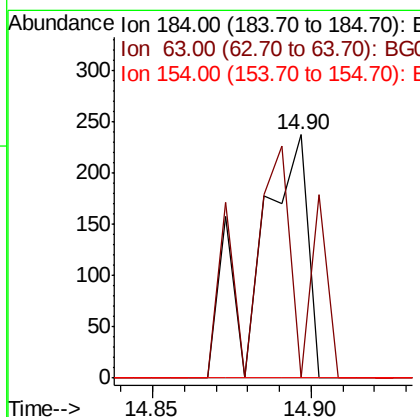
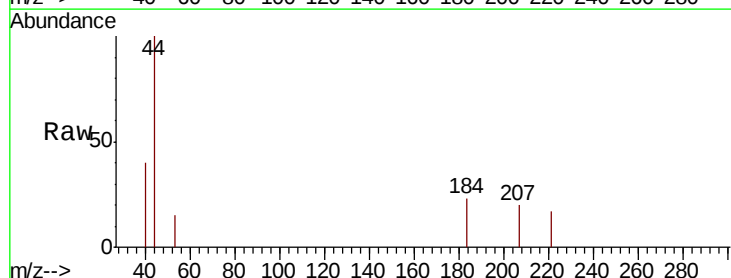
Manual Integrations
APPROVED

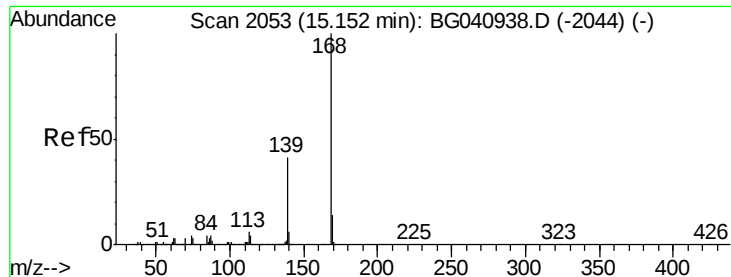
mohammad
6/6/2019 3:42:24 PM



#54
2,4-Dinitrophenol
Concen: 8.642 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.03 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.8	74.6#
154	0.0	52.2	78.4#





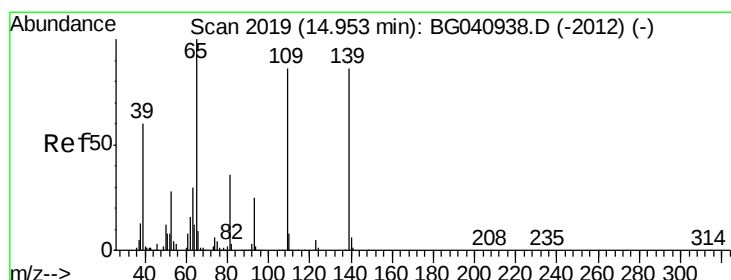
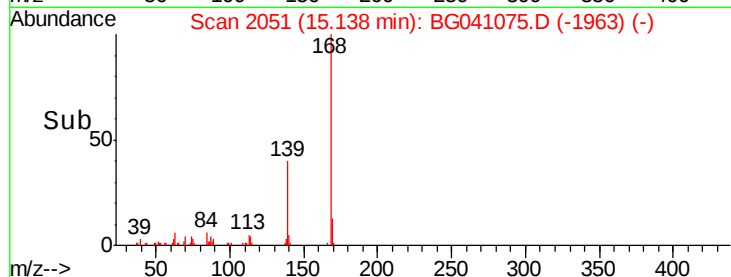
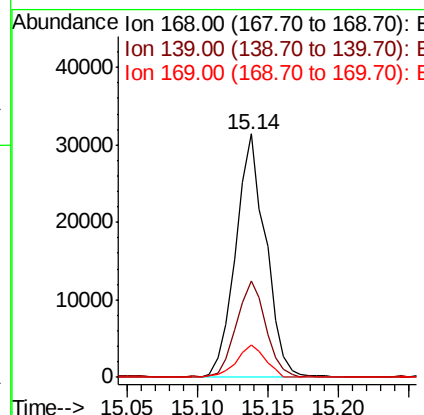
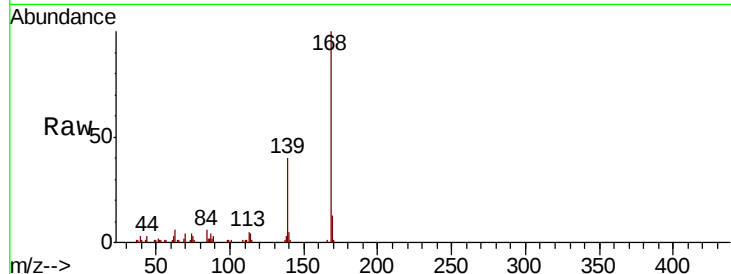
#55
Dibenzenofuran
Concen: 5.375 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.8	49.2
169	13.1	11.3	16.9

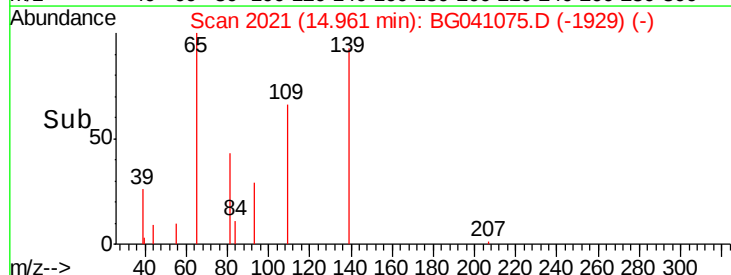
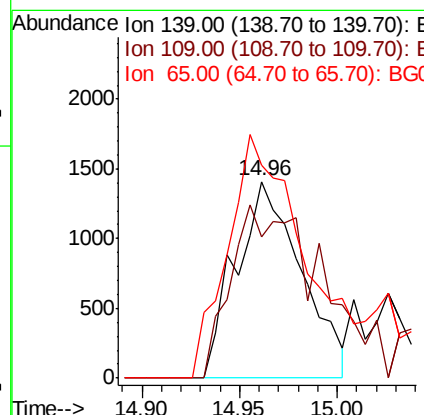
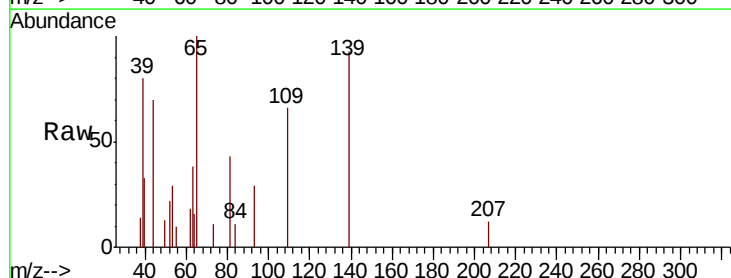
Manual Integrations
APPROVED

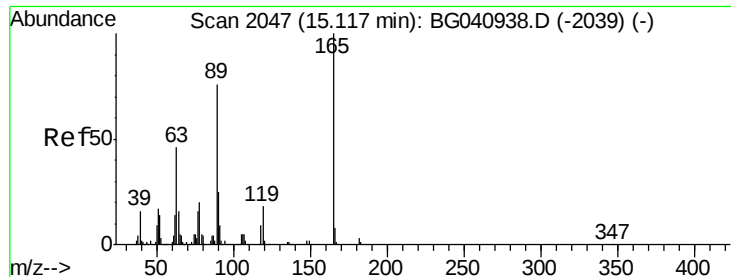
mohammad
6/6/2019 3:42:24 PM



#56
4-Nitrophenol
Concen: 2.939 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.9	79.6	119.6#
65	108.1	96.9	136.9





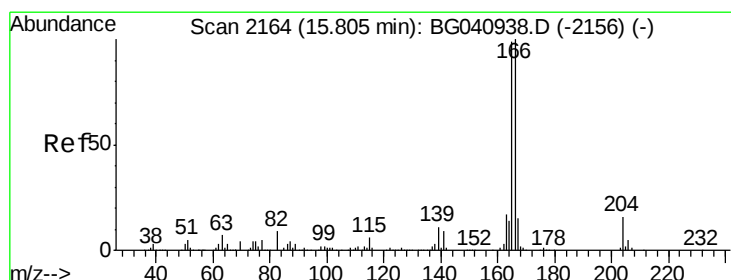
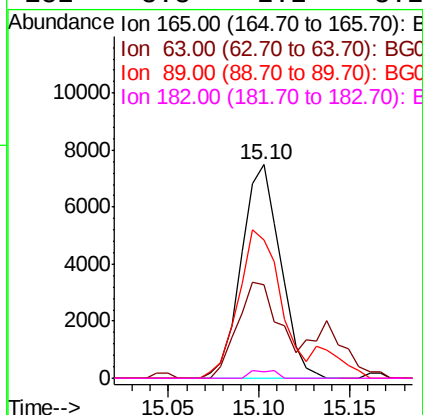
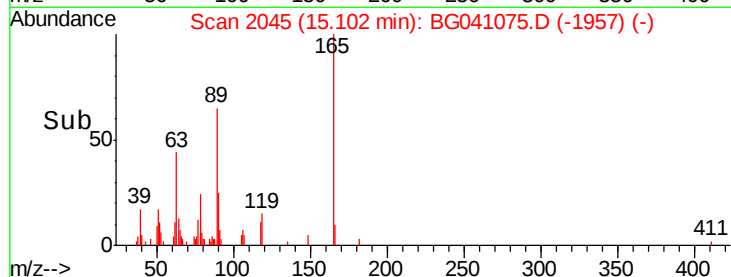
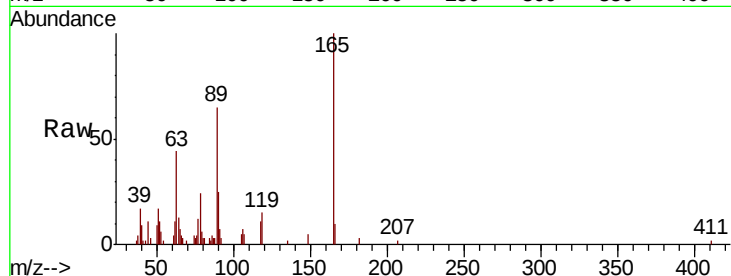
#57
2,4-Dinitrotoluene
Concen: 4.891 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion:	165	Resp:	11200
Ion Ratio	Lower	Upper	
165	100		
63	43.8	37.3	55.9
89	64.9	61.0	91.6
182	3.3	2.2	3.2#

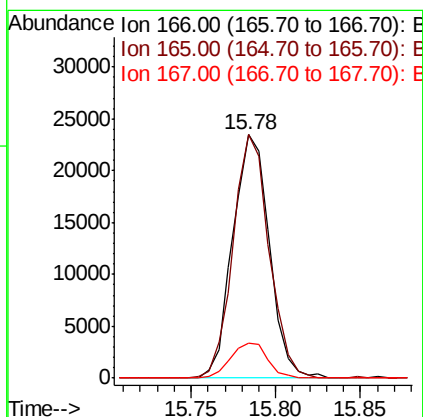
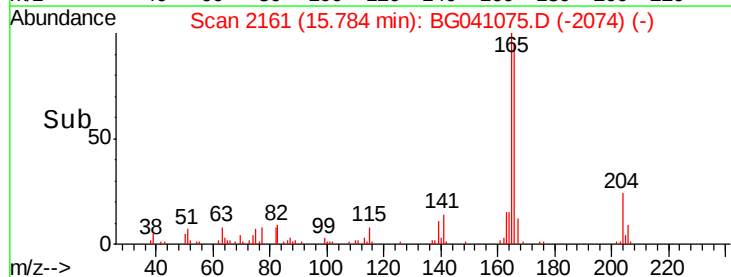
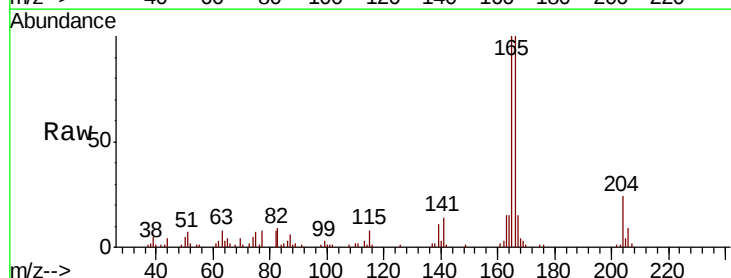
Manual Integrations
APPROVED

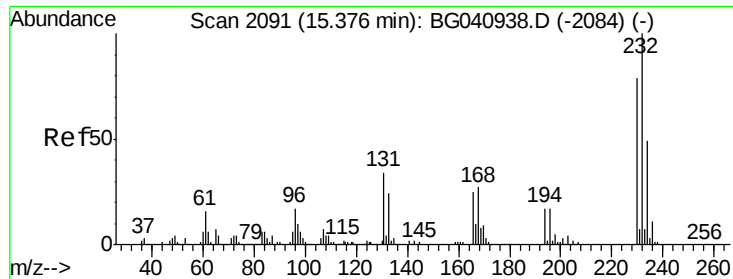
mohammad
6/6/2019 3:42:24 PM



#58
Fluorene
Concen: 5.122 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion:	166	Resp:	35324
Ion Ratio	Lower	Upper	
166	100		
165	100.0	79.2	118.8
167	14.5	11.8	17.6





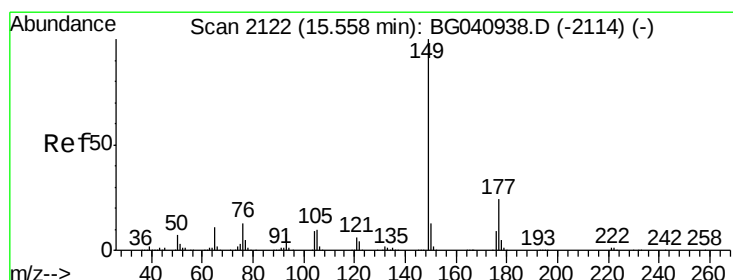
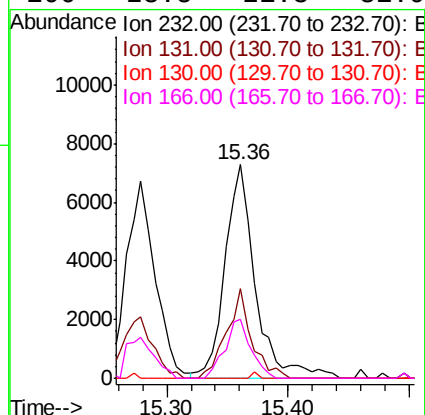
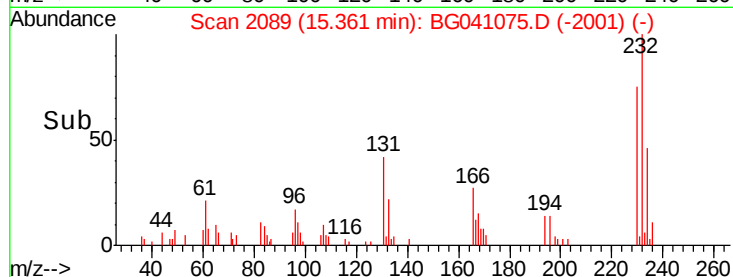
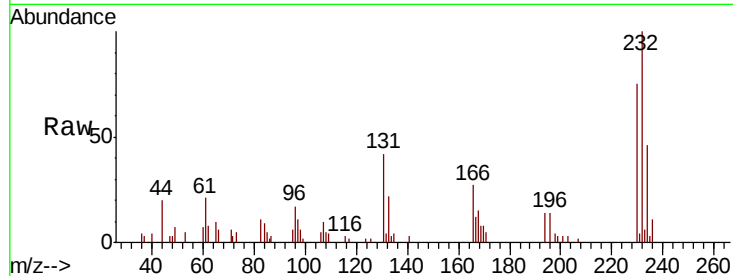
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 5.270 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BG041075.D
 Acq: 5 Jun 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.5	30.3	45.5
130	0.6	1.8	2.8
166	23.5	21.3	31.9

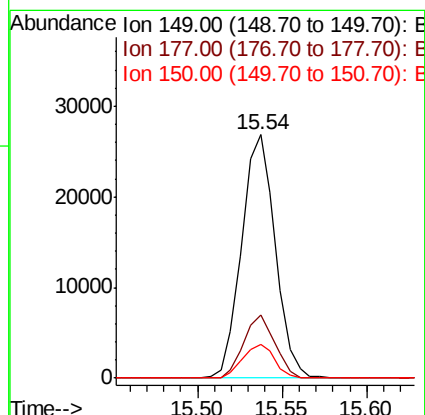
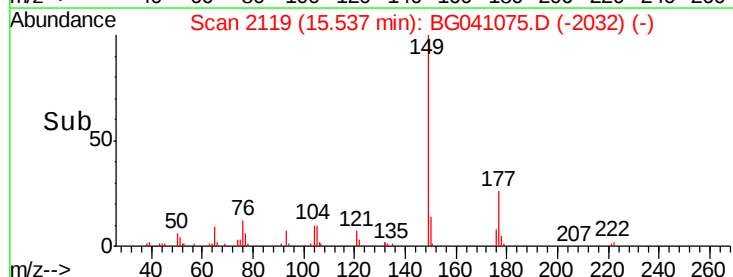
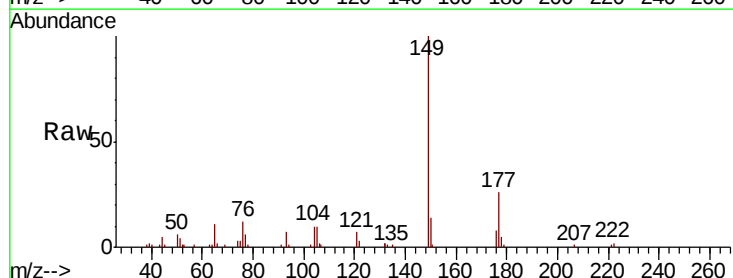
Manual Integrations
 APPROVED

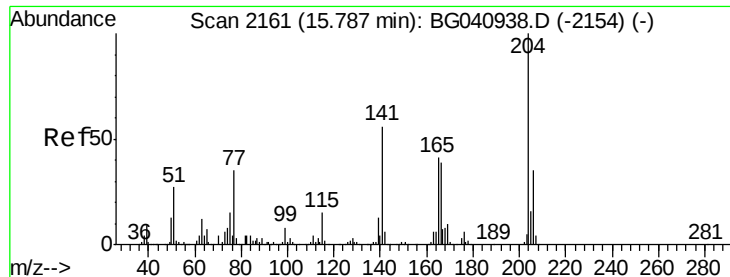
mohammad
 6/6/2019 3:42:24 PM



#60
 Diethylphthalate
 Concen: 4.853 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BG041075.D
 Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.8	19.4	29.0
150	13.6	10.3	15.5





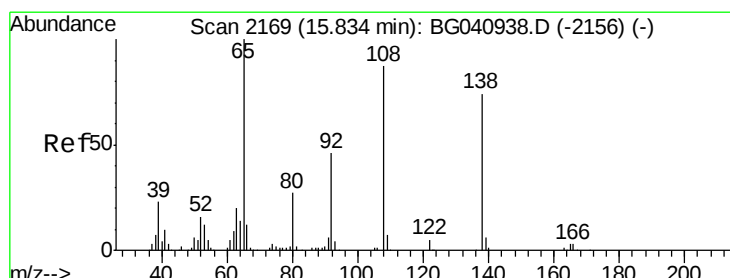
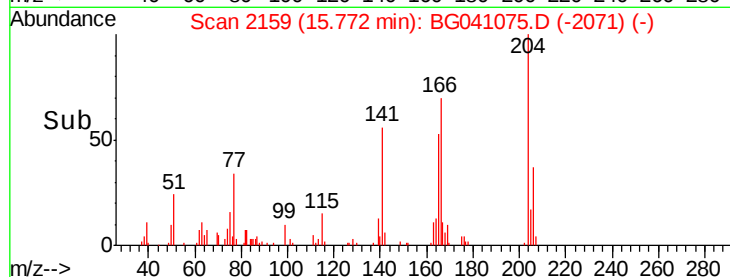
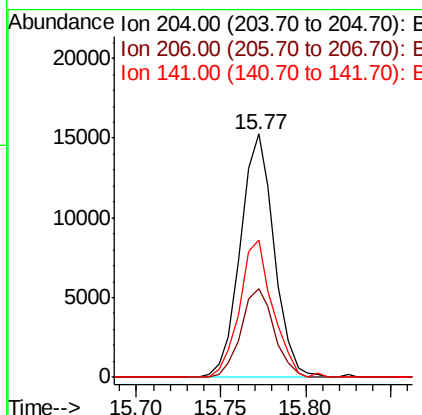
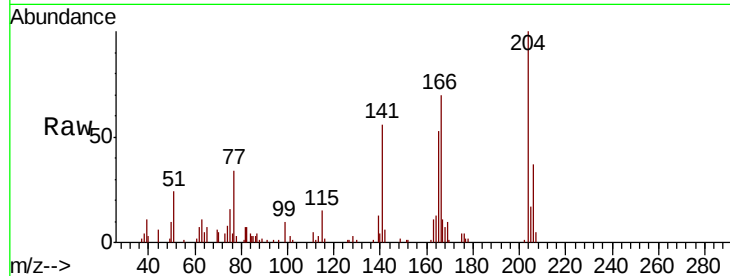
#61
4-Chlorophenyl-phenylether
Concen: 4.732 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.6	27.6	41.4
141	56.3	45.1	67.7

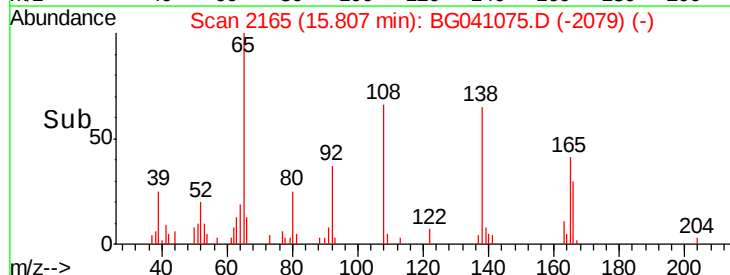
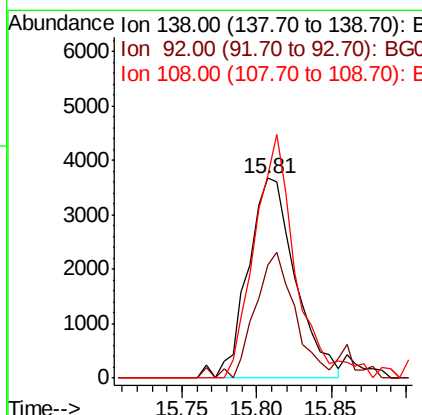
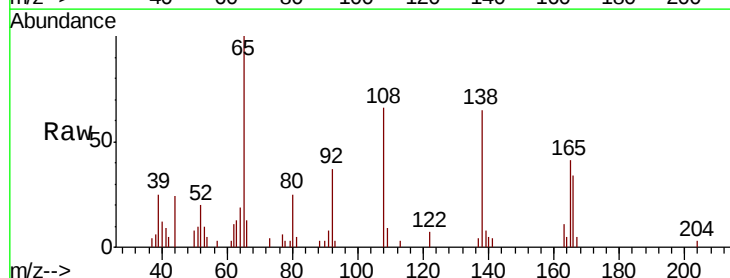
Manual Integrations
APPROVED

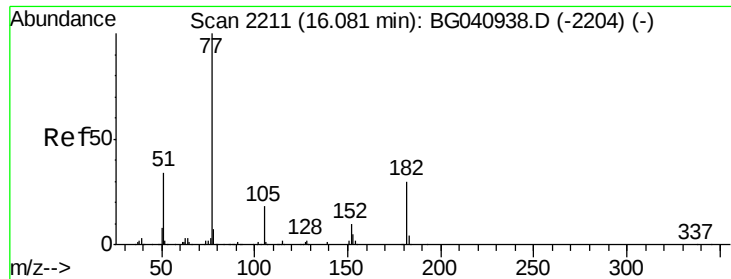
mohammad
6/6/2019 3:42:24 PM



#62
4-Nitroaniline
Concen: 4.713 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.03 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	42.4	82.4
108	101.2	96.9	136.9





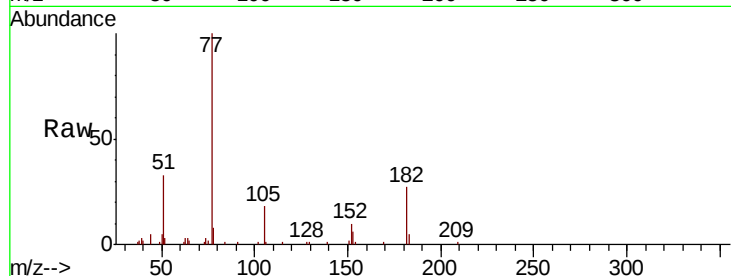
#63
Azobenzene
Concen: 5.044 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

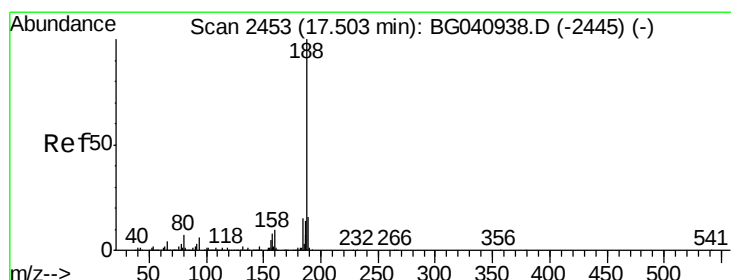
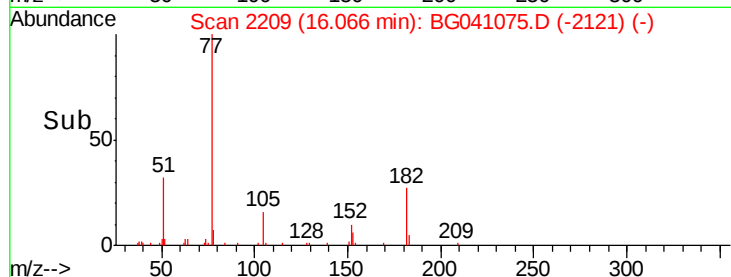
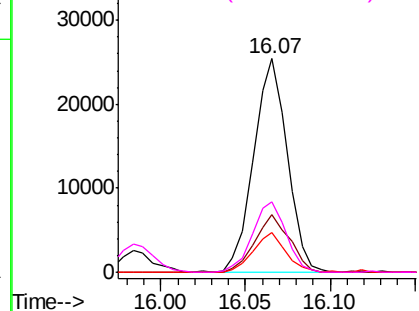
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.0	9.6	49.6	
105	18.4	0.0	37.5	
51	33.0	13.7	53.7	

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM

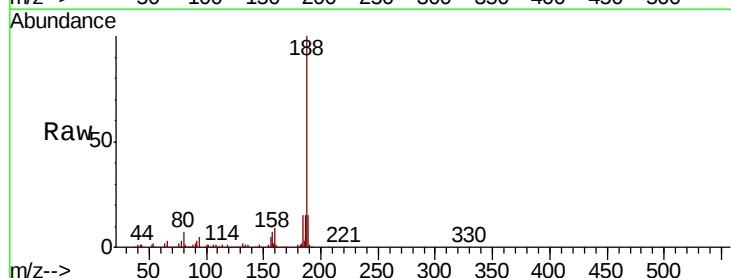


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

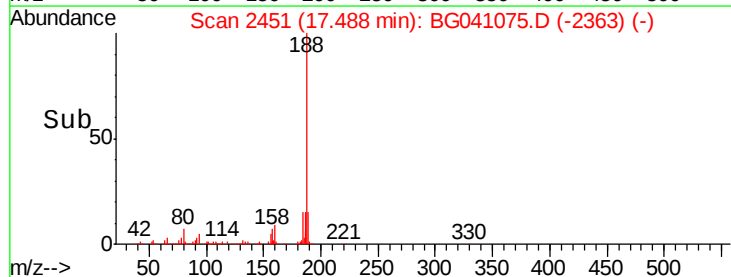
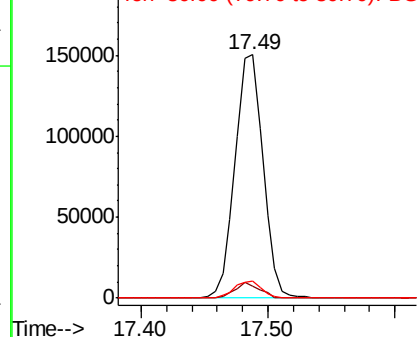


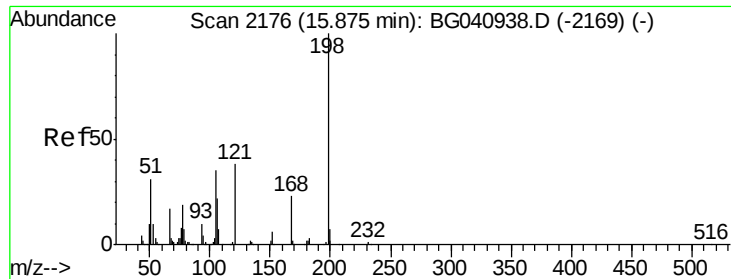
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	5.1	4.7	7.1	
80	6.8	5.8	8.8	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 10.482 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

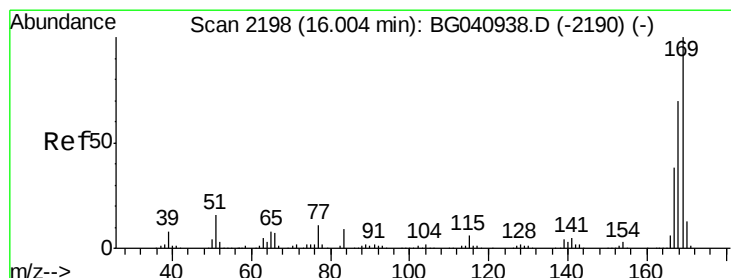
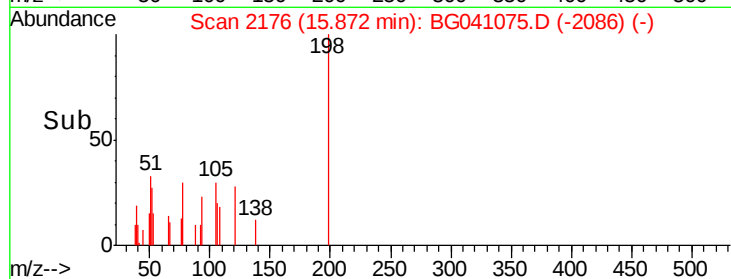
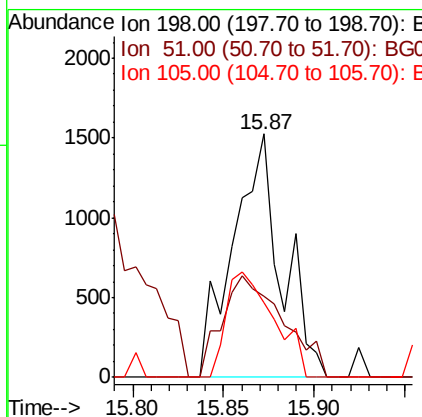
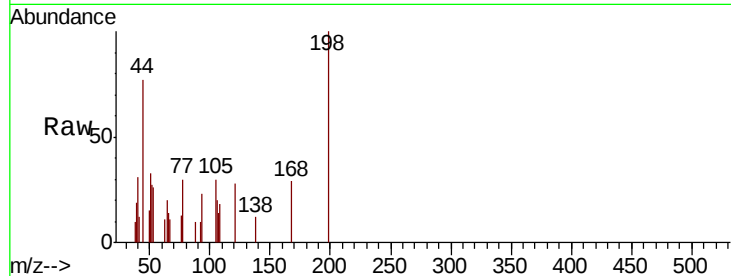
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	198	Resp:	2829
Ion Ratio	Lower	Upper	
198	100		
51	33.3	21.6	61.6
105	30.5	17.5	57.5

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#66

n-Nitrosodiphenylamine

Concen: 4.980 ng

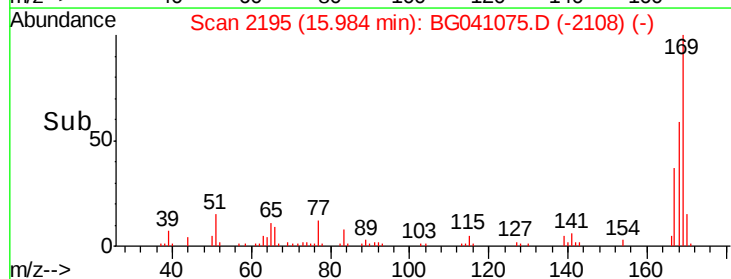
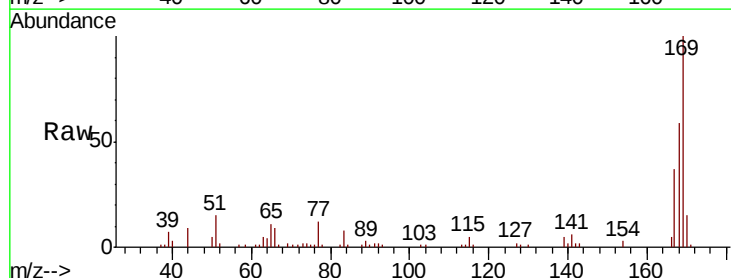
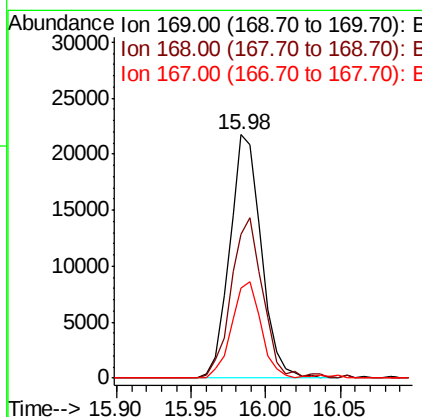
RT: 15.98 min Scan# 2195

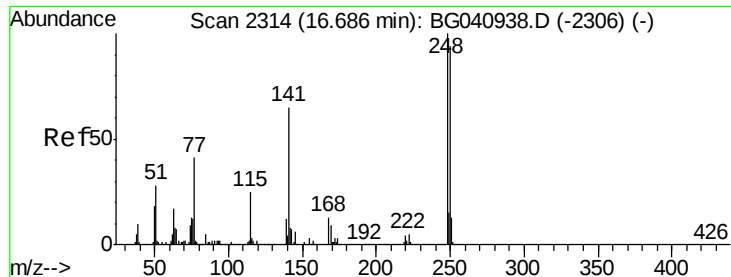
Delta R.T. -0.02 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Tgt Ion:	169	Resp:	32055
Ion Ratio	Lower	Upper	
169	100		
168	59.1	55.7	83.5
167	36.8	30.2	45.2





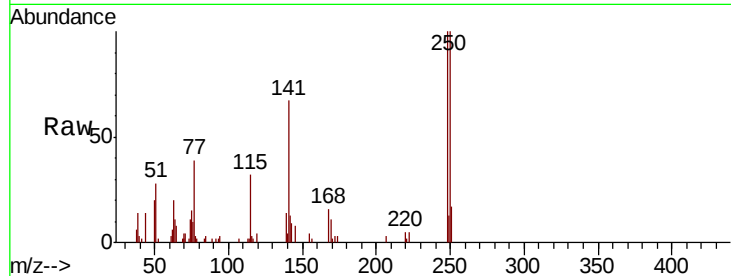
#67
4-Bromophenyl-phenylether
Concen: 4.481 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.0	75.0	112.4
141	67.5	52.4	78.6

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM

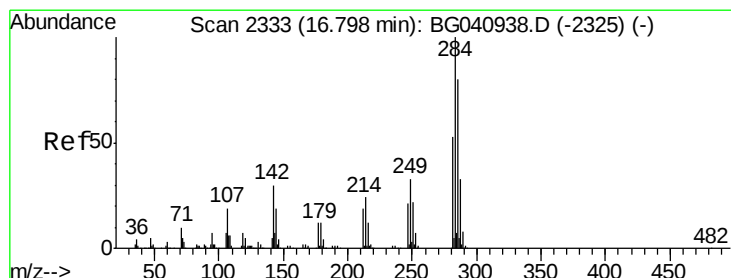
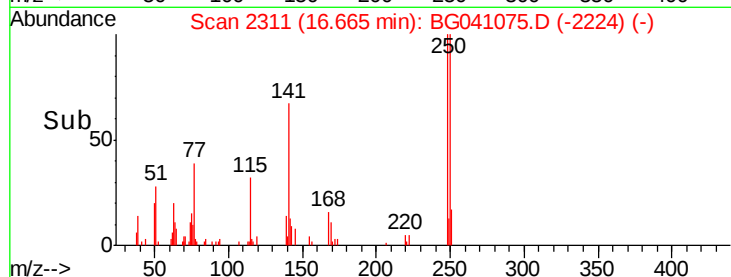
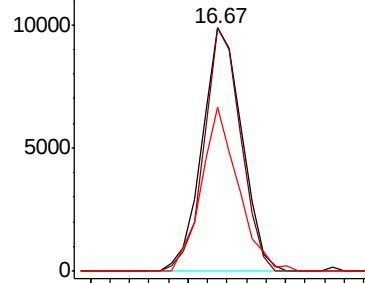


Abundance

Ion 248.00 (247.70 to 248.70): E

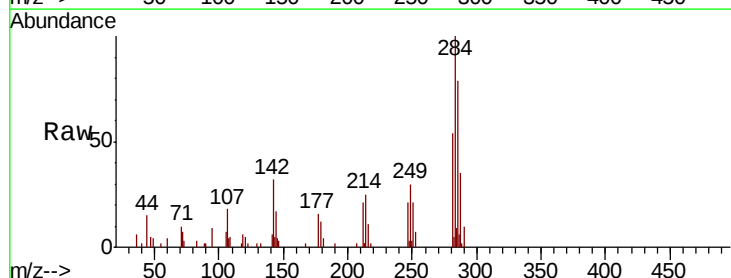
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 4.387 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	23.9	35.9
249	30.5	26.8	40.2

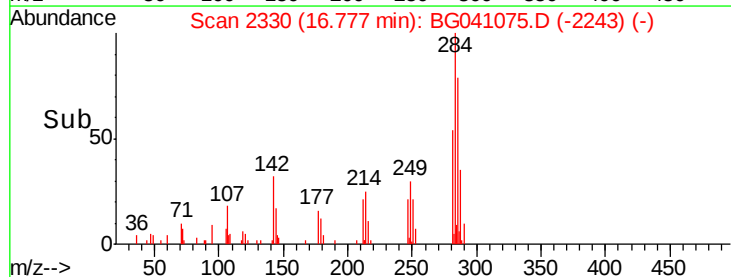
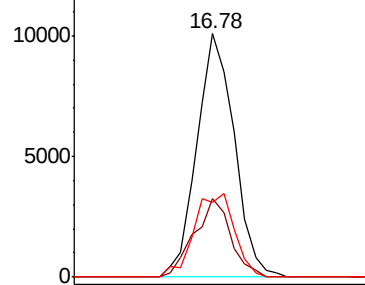


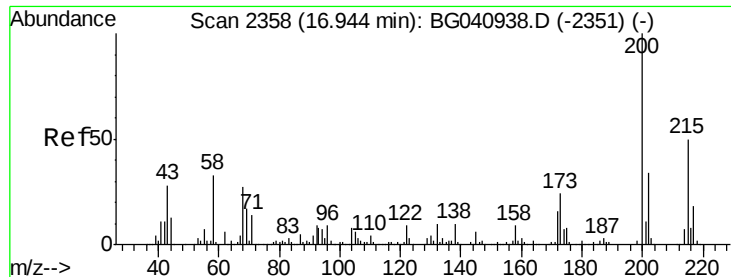
Abundance

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





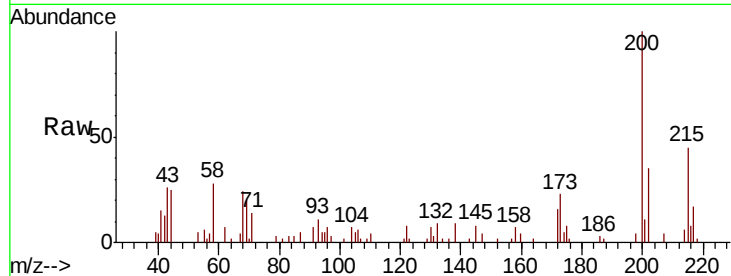
#69
Atrazine
Concen: 5.174 ng
RT: 16.92 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.9	3.6	43.6
215	44.7	29.6	69.6

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM

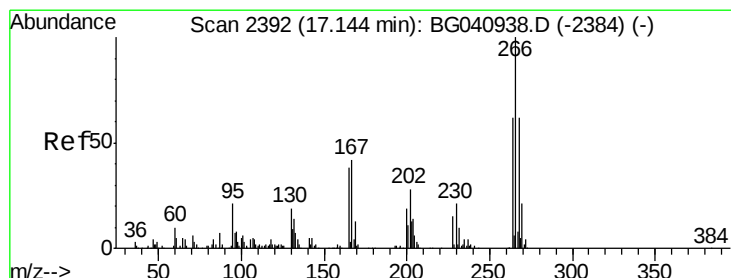
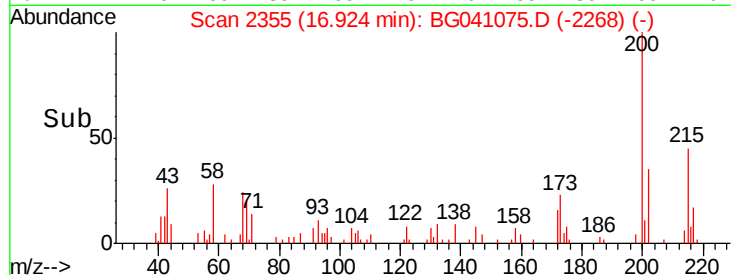
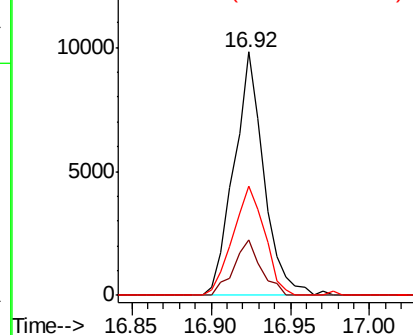


Abundance

Ion 200.00 (199.70 to 200.70): E

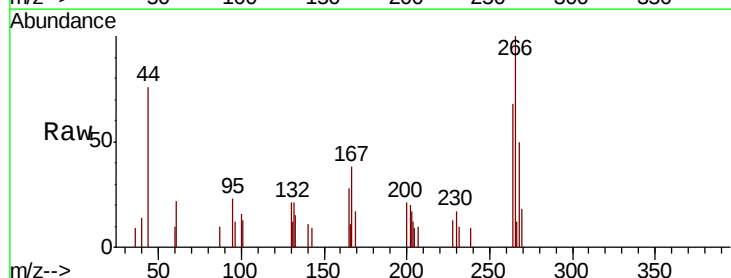
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 6.513 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	49.8	53.1	79.7#
264	68.5	49.9	74.9

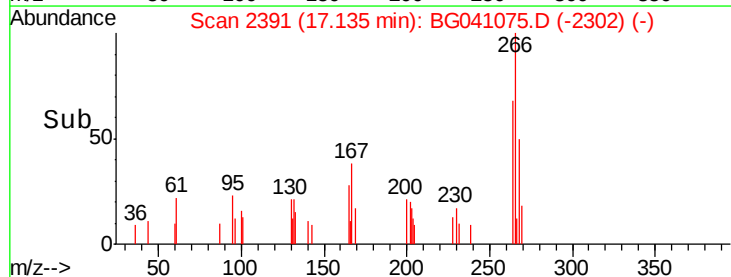
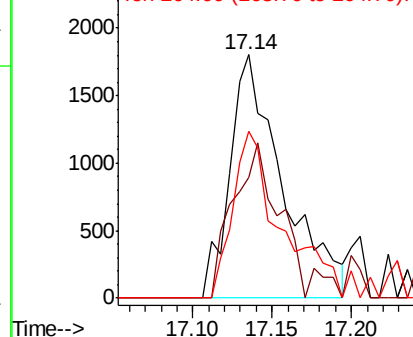


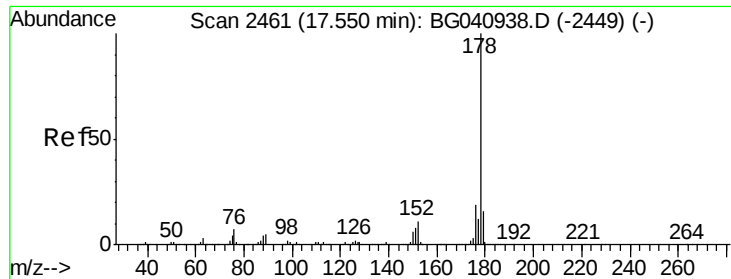
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





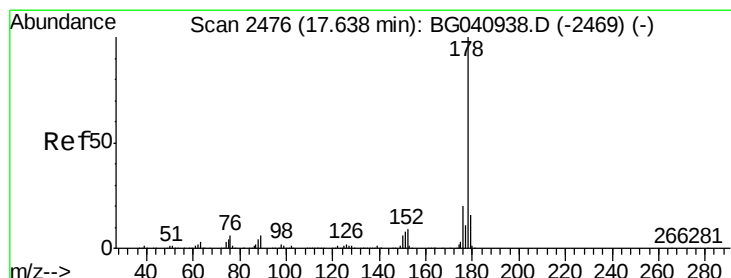
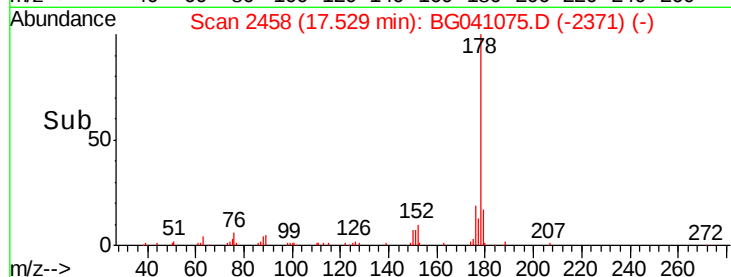
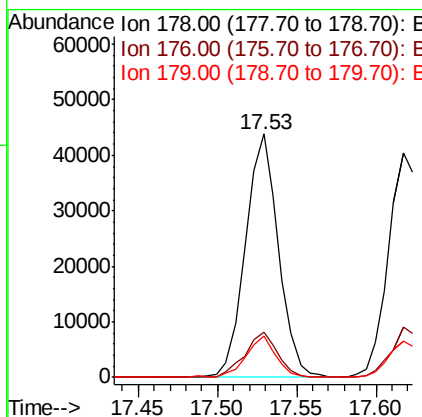
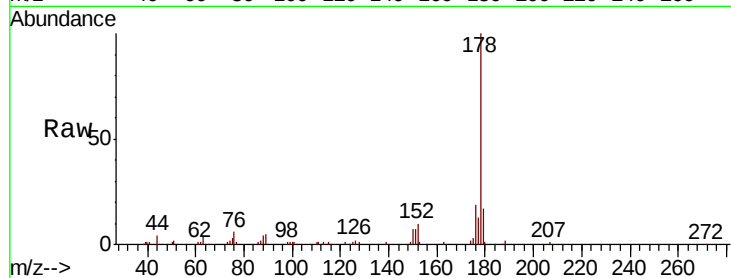
#71
Phenanthrene
Concen: 5.283 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.6	15.5	23.3	
179	17.2	12.7	19.1	

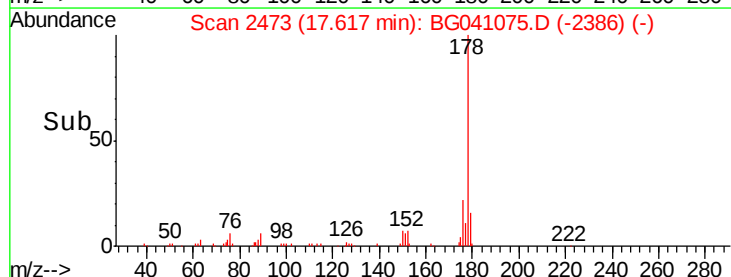
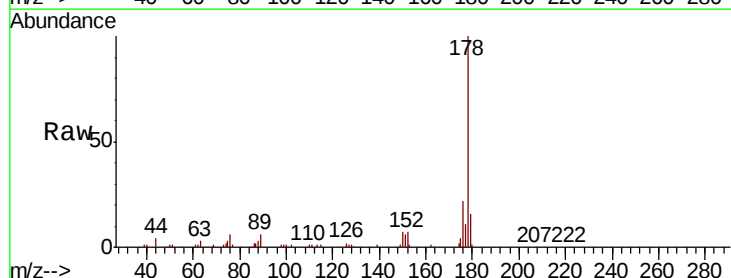
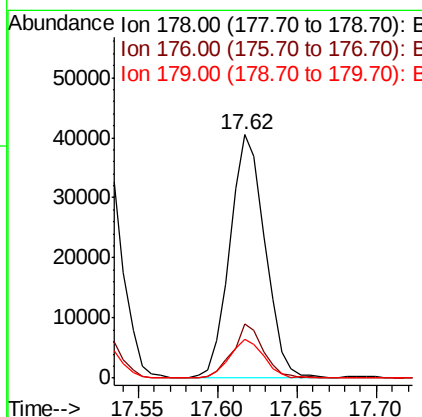
Manual Integrations
APPROVED

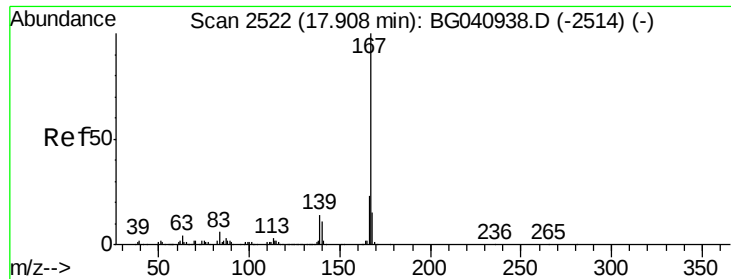
mohammad
6/6/2019 3:42:24 PM



#72
Anthracene
Concen: 5.294 ng
RT: 17.62 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	22.4	15.6	23.4	
179	16.0	13.0	19.4	





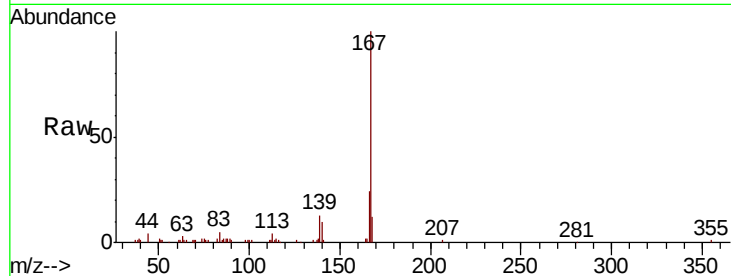
#73
 Carbazole
 Concen: 5.736 ng
 RT: 17.89 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG041075.D
 Acq: 5 Jun 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

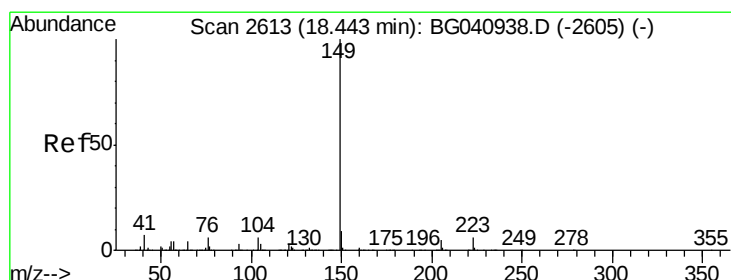
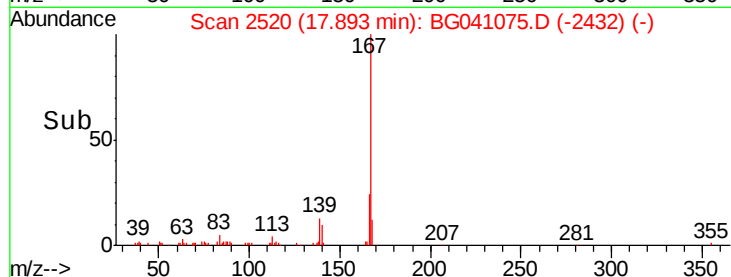
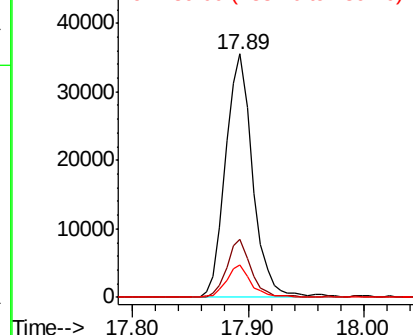
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.2	27.4
139	13.4	10.8	16.2

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:42:24 PM



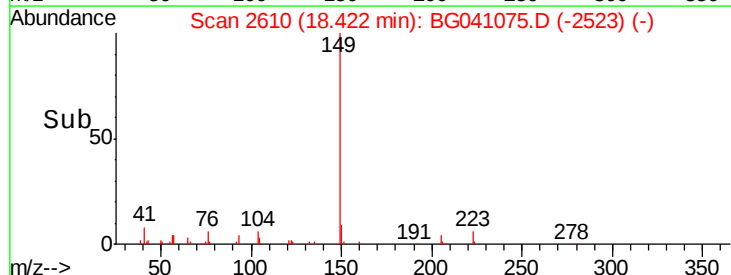
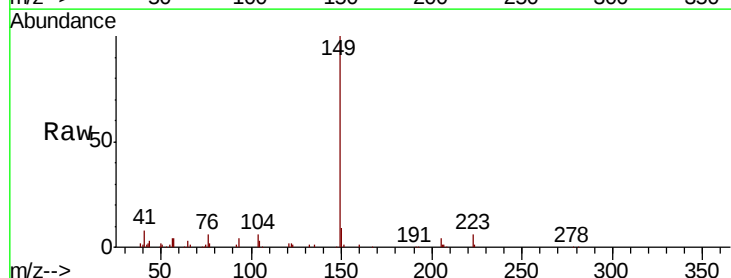
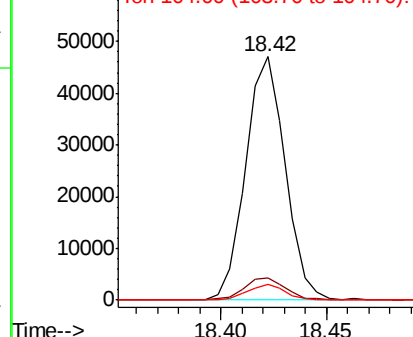
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

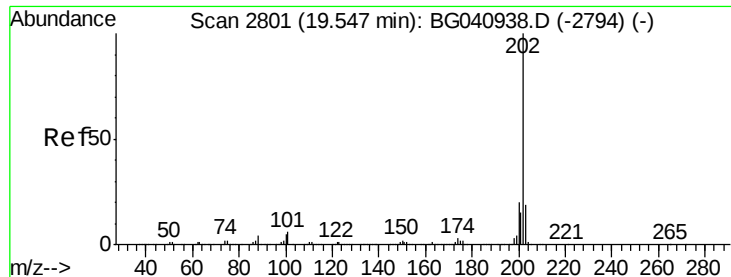


#74
 Di-n-butylphthalate
 Concen: 4.858 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BG041075.D
 Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	6.3	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: 5.859 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

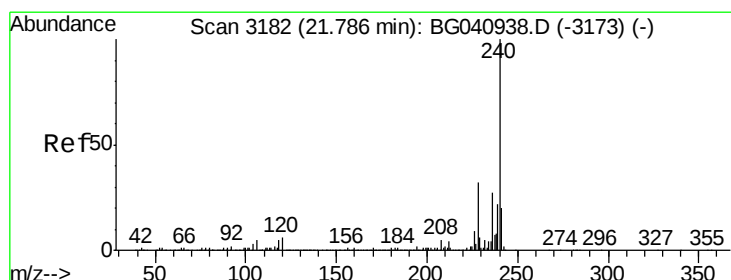
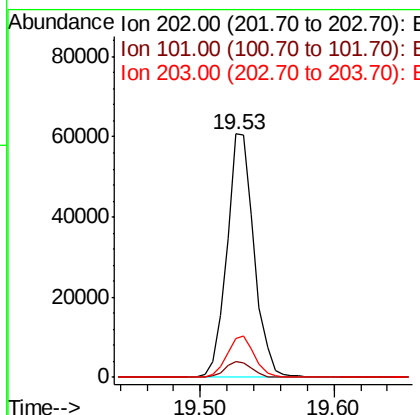
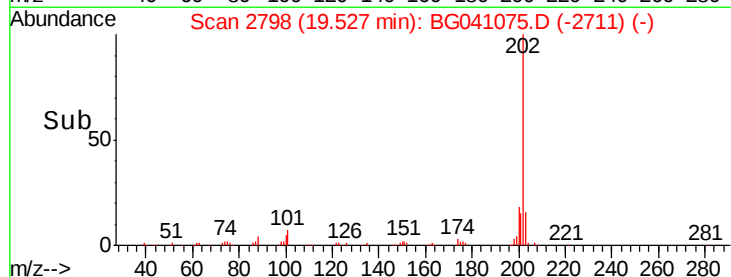
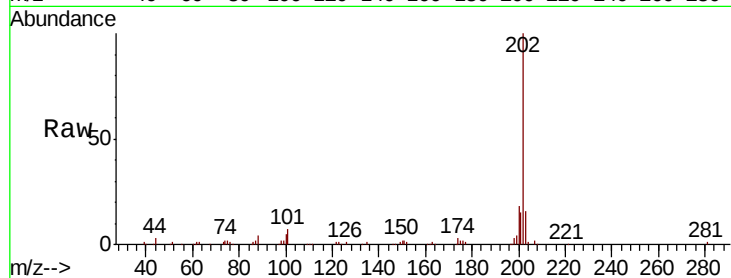
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	202	Resp:	86320
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	26.2
203	15.9	0.0	38.7

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#76

Chrysene-d12

Concen: 20.000 ng

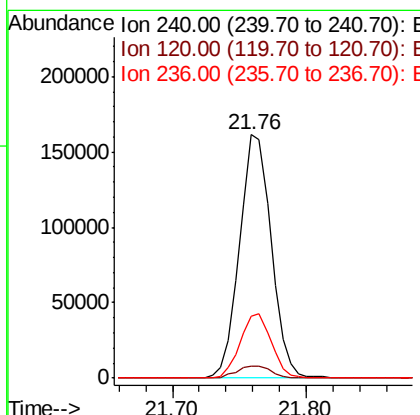
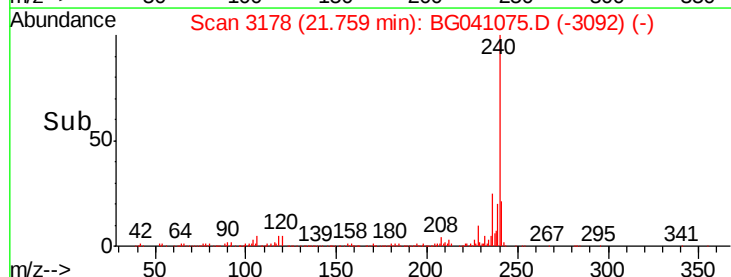
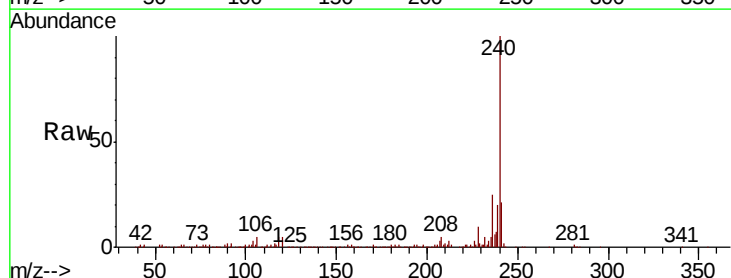
RT: 21.76 min Scan# 3178

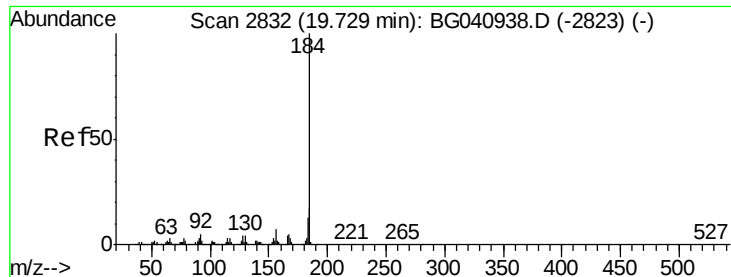
Delta R.T. -0.03 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Tgt Ion:	240	Resp:	265426
Ion Ratio	Lower	Upper	
240	100		
120	4.9	4.5	6.7
236	25.3	21.3	31.9





#77

Benzidine

Concen: 5.275 ng

RT: 19.71 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

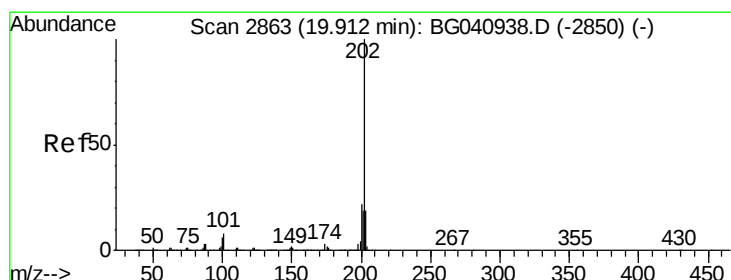
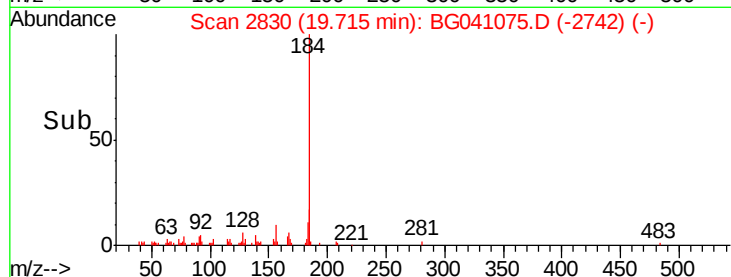
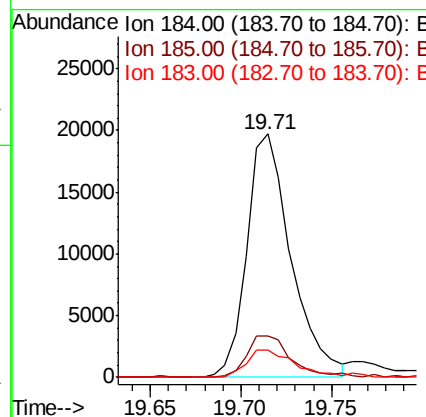
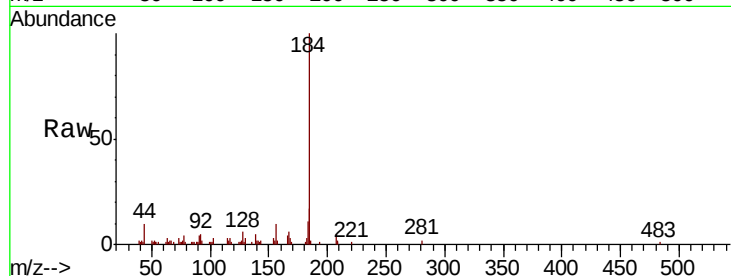
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	184	Resp:	33399
Ion Ratio	Lower	Upper	
184	100		
185	17.2	13.3	19.9
183	11.4	10.7	16.1

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#78

Pyrene

Concen: 5.218 ng m

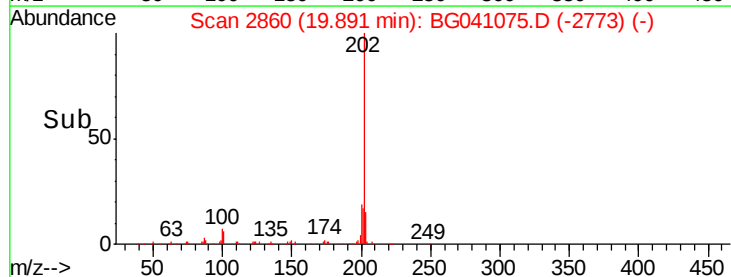
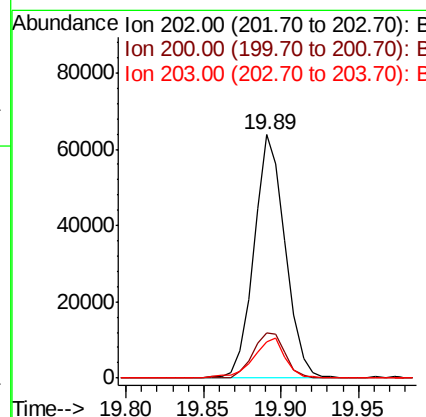
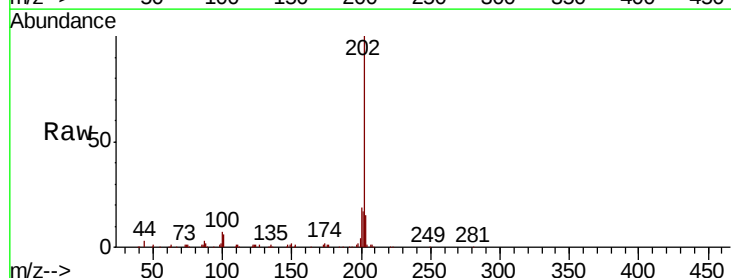
RT: 19.89 min Scan# 2860

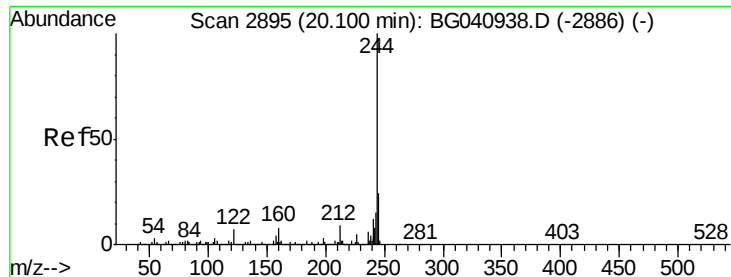
Delta R.T. -0.02 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Tgt Ion:	202	Resp:	90036
Ion Ratio	Lower	Upper	
202	100		
200	18.7	17.5	26.3
203	14.8	15.6	23.4#





#79

Terphenyl-d14

Concen: 92.254 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:244 Resp: 1153756

Ion Ratio Lower Upper

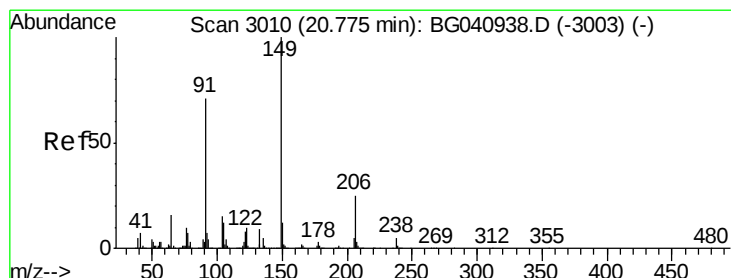
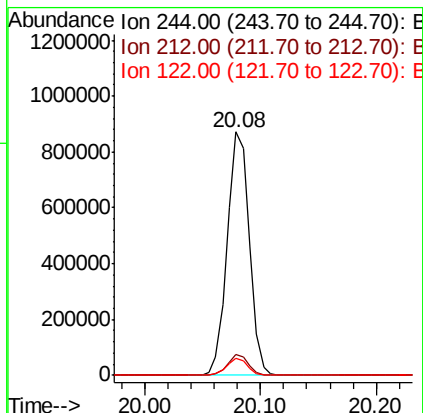
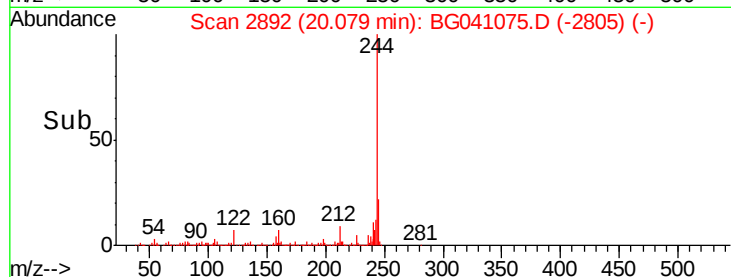
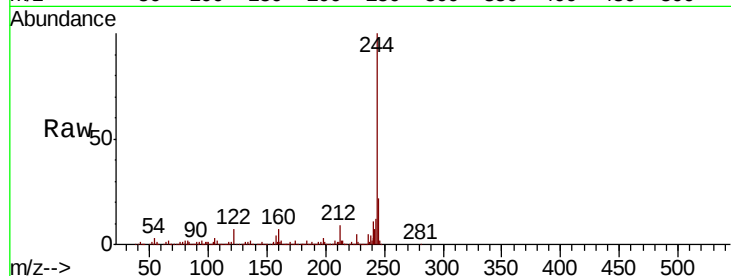
244 100

212 8.5 7.0 10.4

122 6.9 5.4 8.0

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#80

Butylbenzylphthalate

Concen: 4.660 ng

RT: 20.76 min Scan# 3008

Delta R.T. -0.01 min

Lab File: BG041075.D

Acq: 5 Jun 2019 16:58

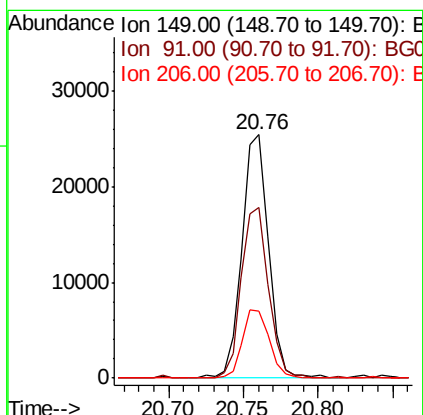
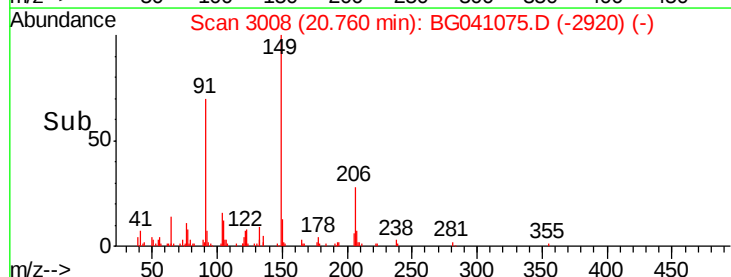
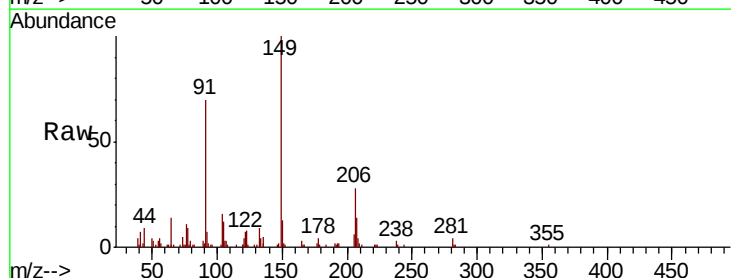
Tgt Ion:149 Resp: 31289

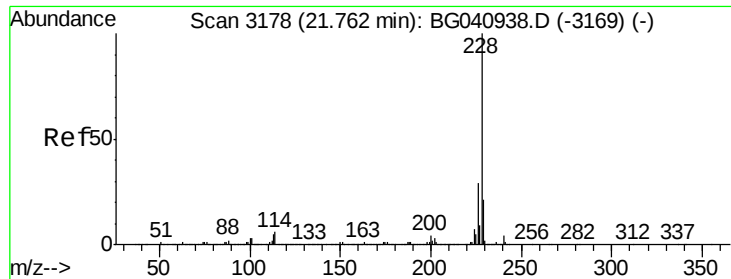
Ion Ratio Lower Upper

149 100

91 70.1 56.5 84.7

206 27.7 20.3 30.5





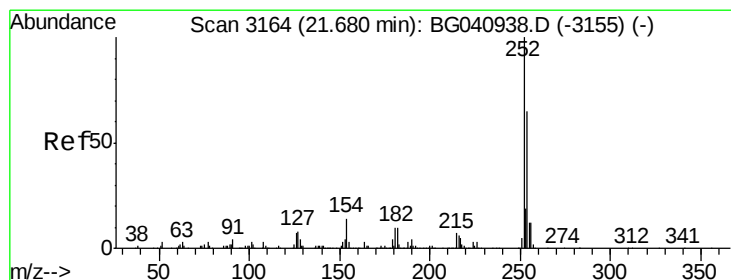
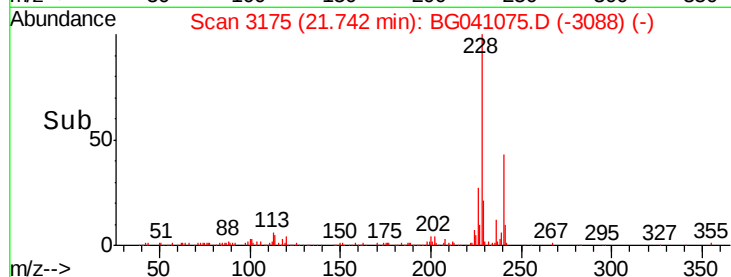
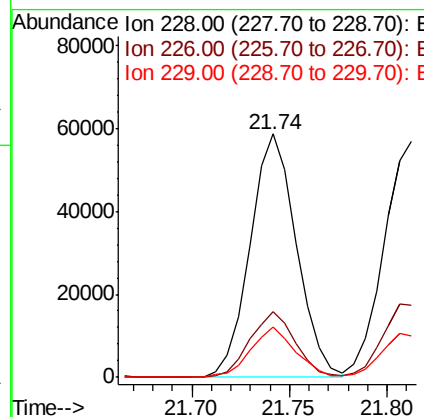
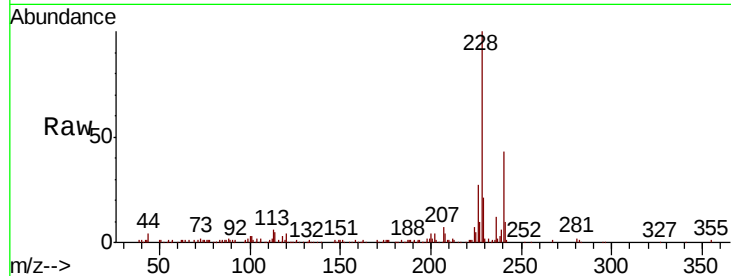
#81
Benzo(a)anthracene
Concen: 5.442 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.5	35.3
229	20.7	16.7	25.1

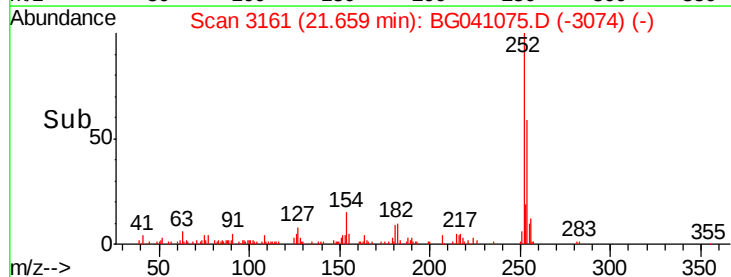
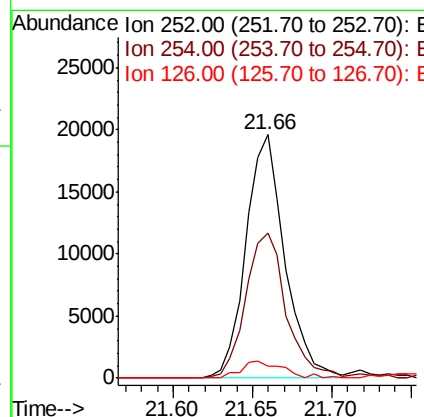
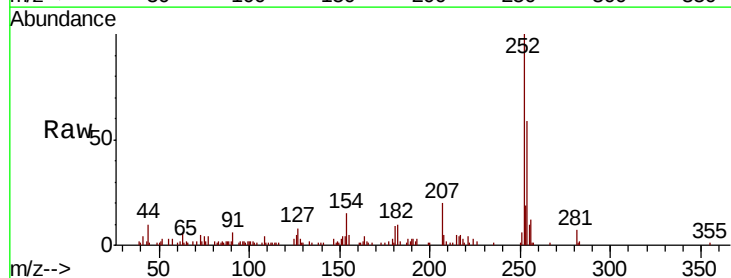
Manual Integrations
APPROVED

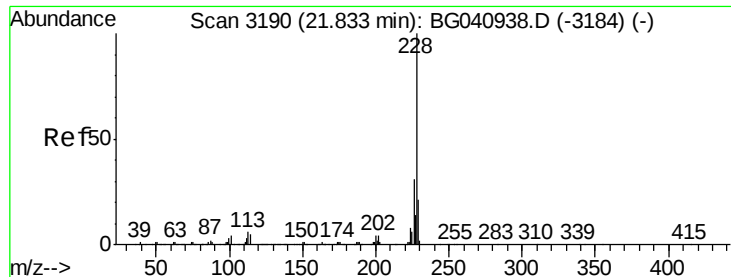
mohammad
6/6/2019 3:42:24 PM



#82
3,3'-Dichlorobenzidine
Concen: 5.338 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.5	52.1	78.1
126	4.9	5.5	8.3





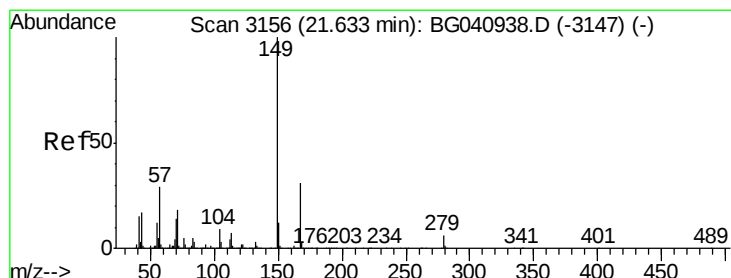
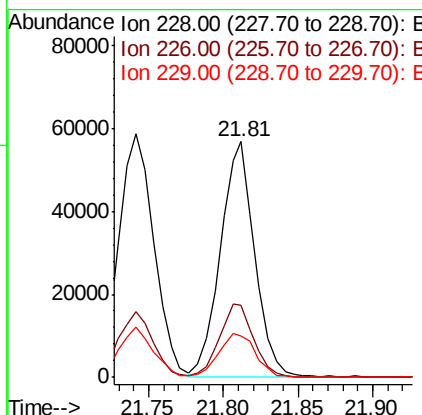
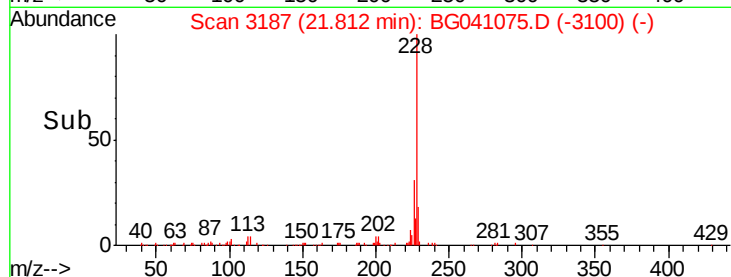
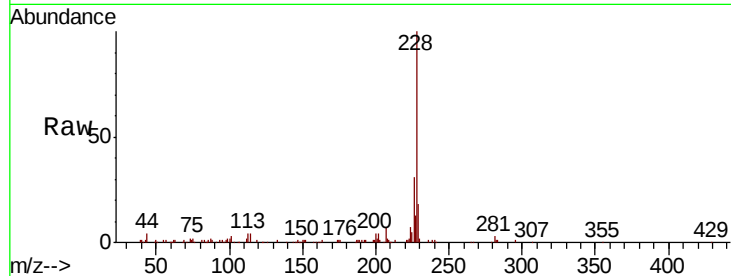
#83
Chrysene
Concen: 5.328 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion:	228	Resp:	90083
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.6	37.0
229	17.8	16.6	24.8

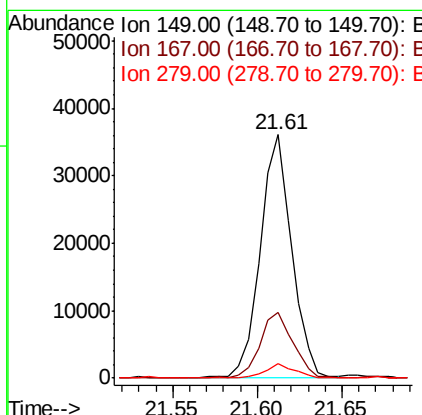
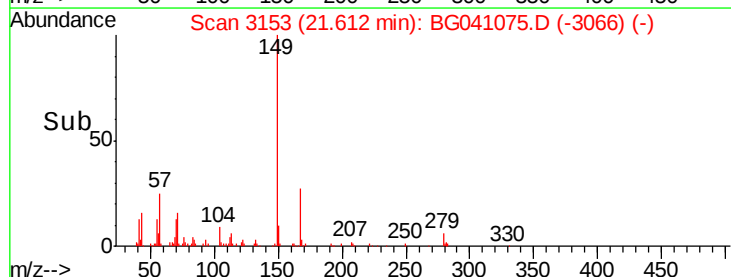
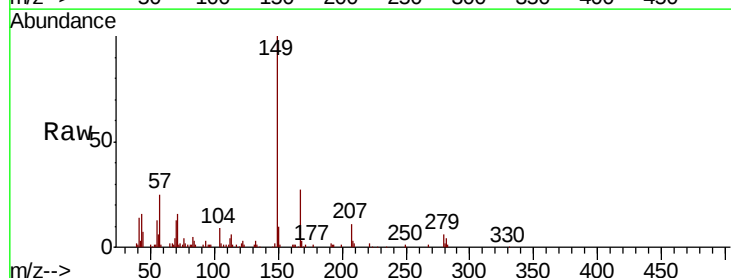
Manual Integrations
APPROVED

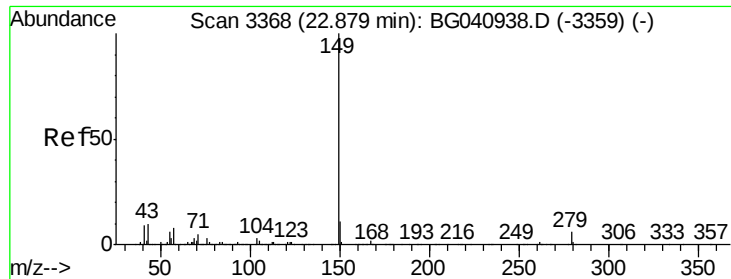
mohammad
6/6/2019 3:42:24 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.912 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion:	149	Resp:	46426
Ion Ratio	Lower	Upper	
149	100		
167	27.1	24.6	37.0
279	5.9	5.0	7.6





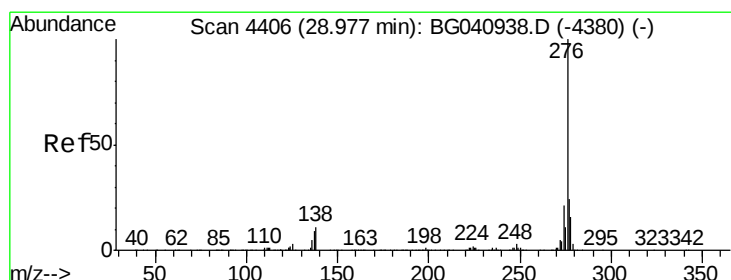
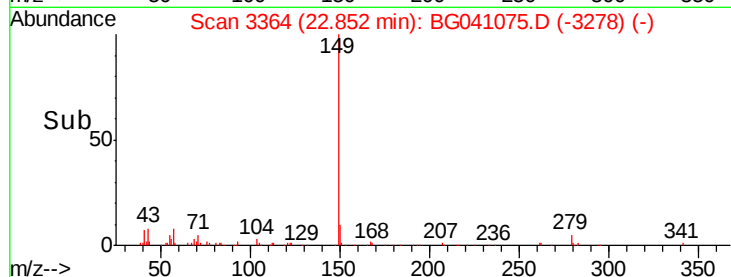
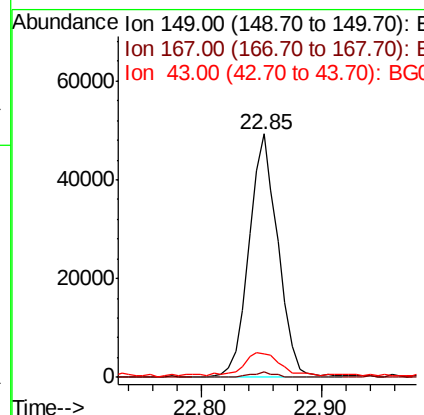
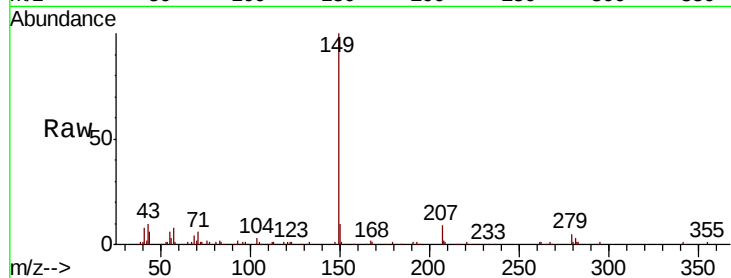
#85
Di-n-octyl phthalate
Concen: 5.233 ng
RT: 22.85 min Scan# 3364
Delta R.T. -0.03 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
149	100	82378		
167	1.7		1.4	2.0
43	11.7		8.1	12.1

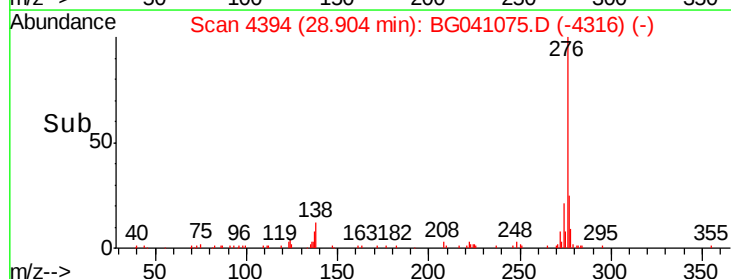
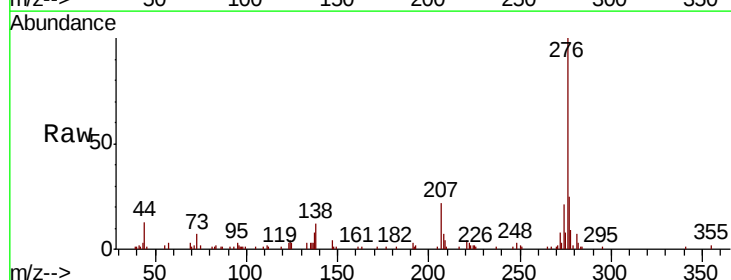
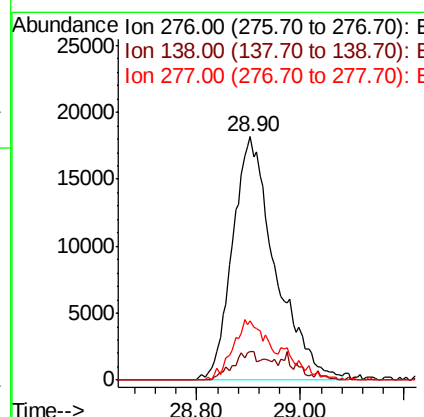
Manual Integrations
APPROVED

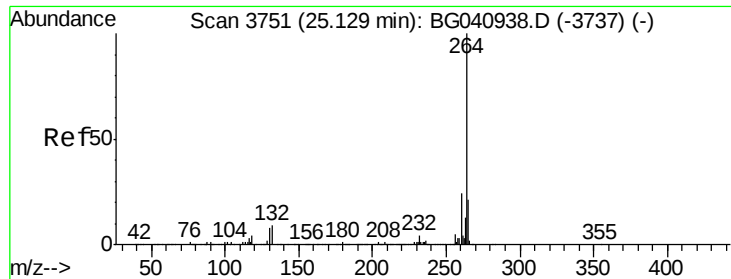
mohammad
6/6/2019 3:42:24 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 5.021 ng
RT: 28.90 min Scan# 4394
Delta R.T. -0.07 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	104000		
138	3.7		5.7	8.5#
277	19.8		20.8	31.2#





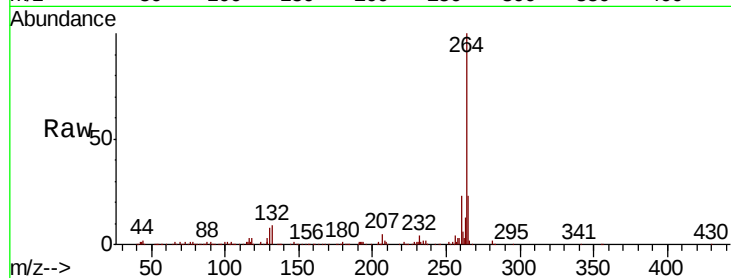
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3745
Delta R.T. -0.04 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	23.2	17.0	25.4

Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM

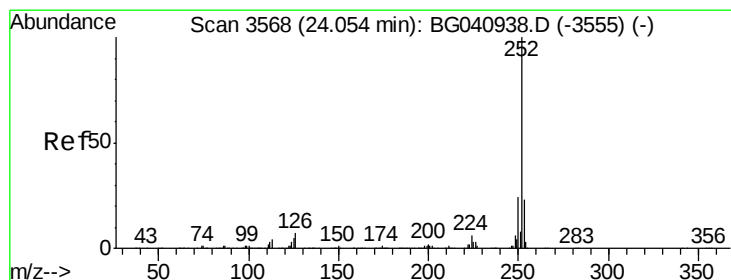
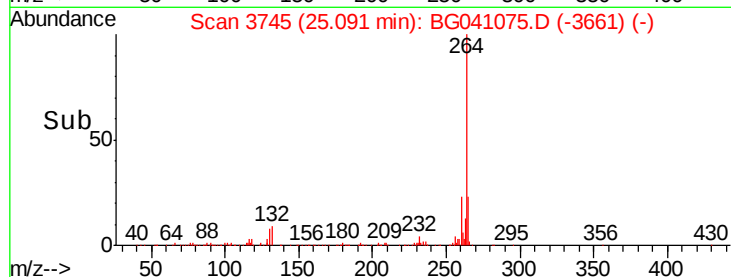
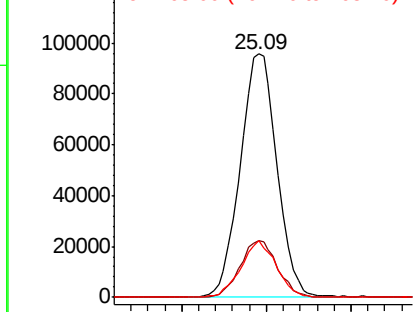


Abundance

Ion 264.00 (263.70 to 264.70): E

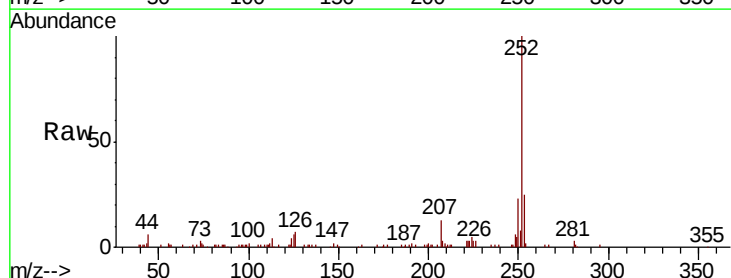
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 5.063 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.03 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.4	27.6
125	5.7	4.3	6.5

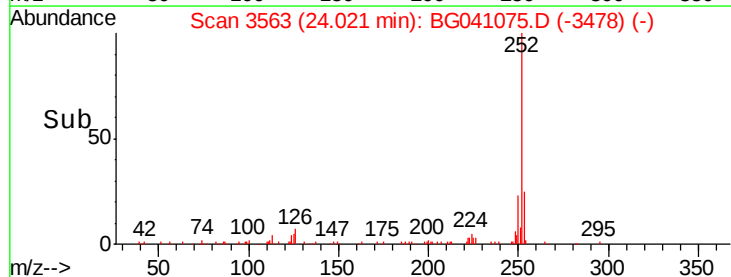
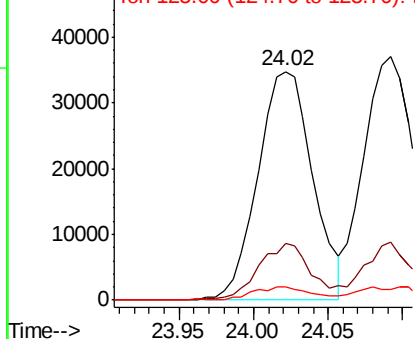


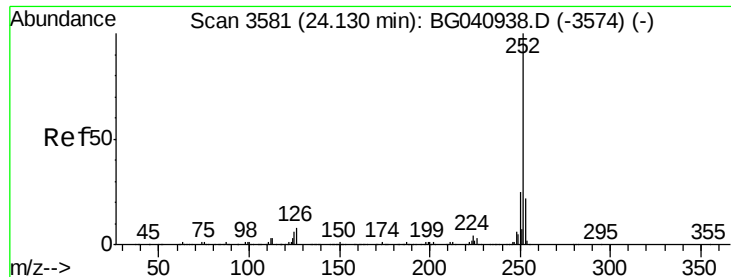
Abundance

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





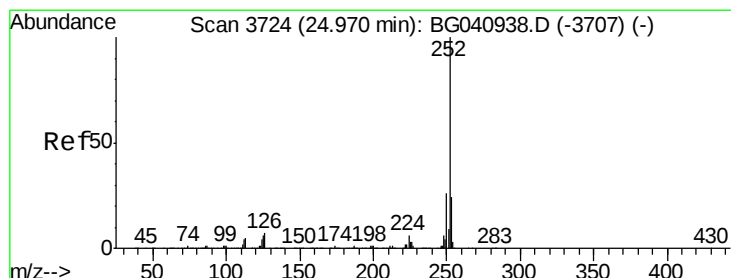
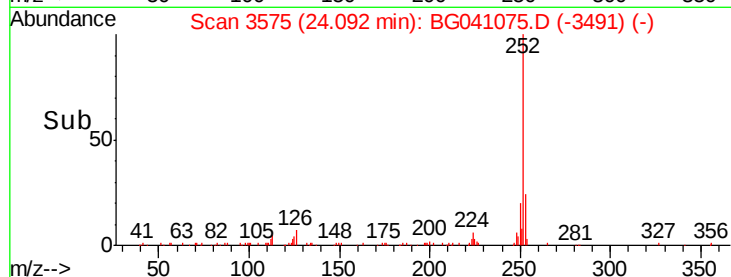
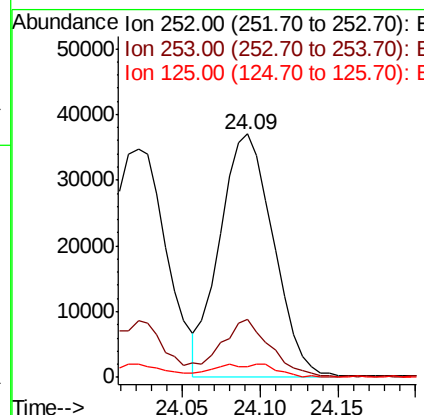
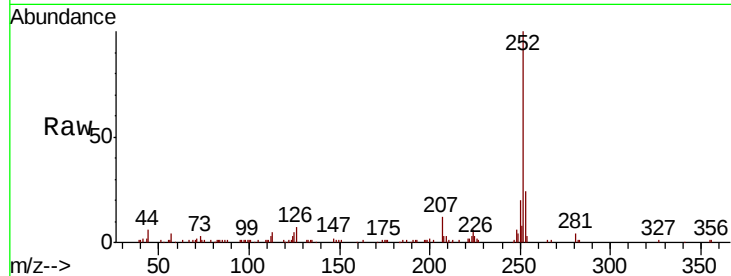
#89
Benzo(k)fluoranthene
Concen: 5.151 ng m
RT: 24.09 min Scan# 3575
Delta R.T. -0.04 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	4.5	4.7	7.1#

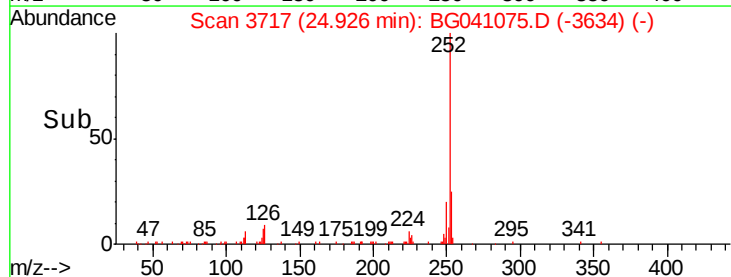
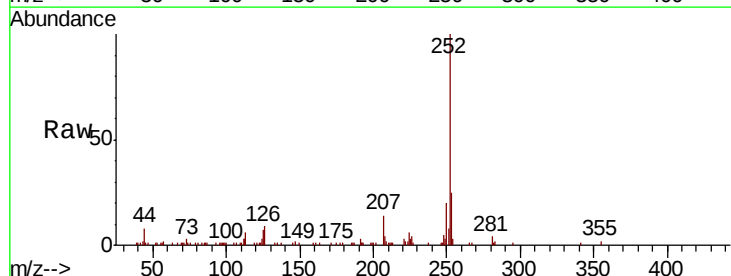
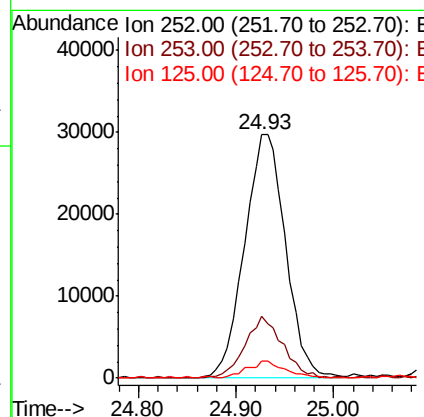
Manual Integrations
APPROVED

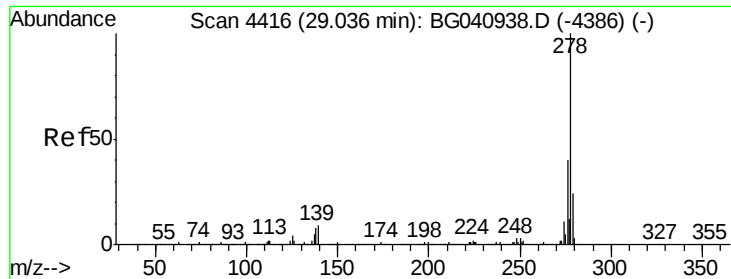
mohammad
6/6/2019 3:42:24 PM



#90
Benzo(a)pyrene
Concen: 5.221 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.04 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.5	29.3
125	7.2	5.1	7.7





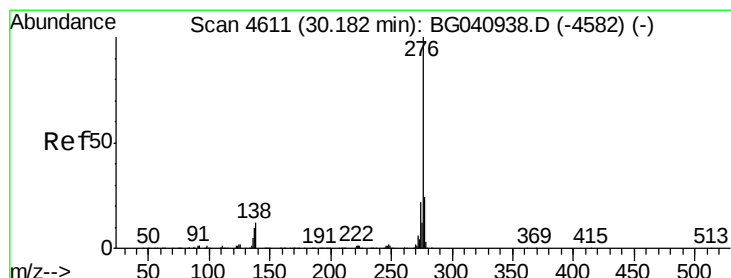
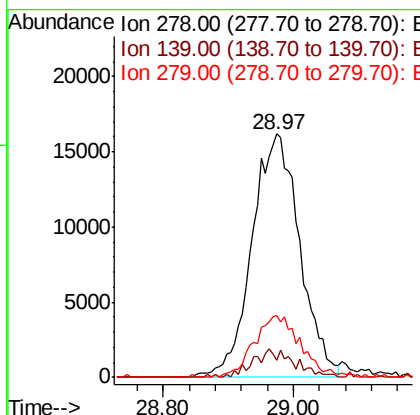
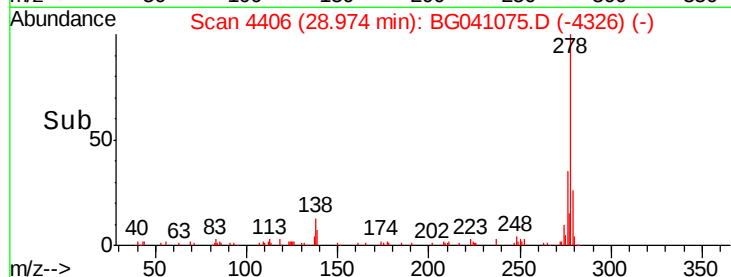
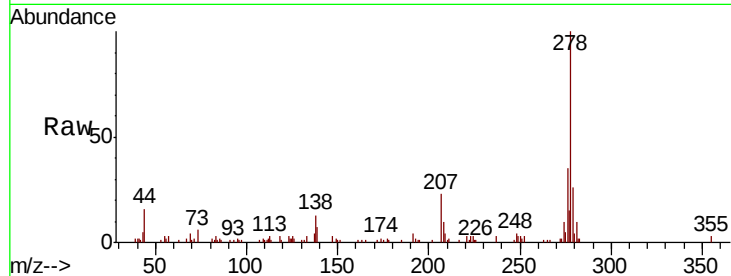
#91
Dibenzo(a,h)anthracene
Concen: 4.902 ng
RT: 28.97 min Scan# 4406
Delta R.T. -0.06 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.8	7.1	10.7#
279	25.6	19.4	29.2

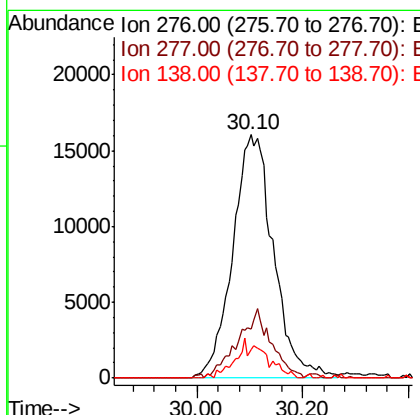
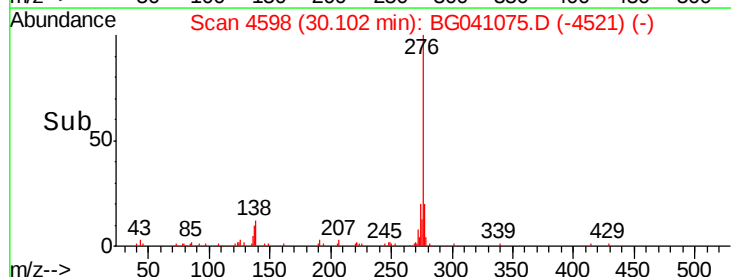
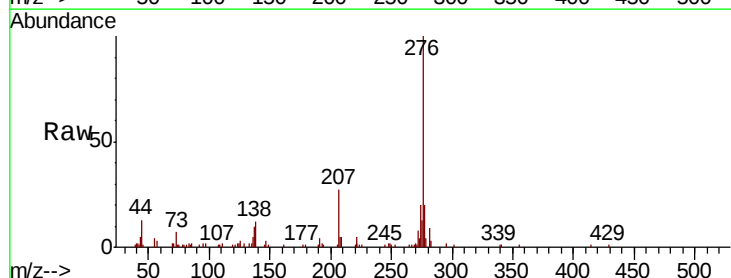
Manual Integrations
APPROVED

mohammad
6/6/2019 3:42:24 PM



#92
Benzo(g,h,i)perylene
Concen: 5.285 ng
RT: 30.10 min Scan# 4598
Delta R.T. -0.08 min
Lab File: BG041075.D
Acq: 5 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.4	19.4	29.0
138	11.6	9.7	14.5



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041075.D
 Acq On : 5 Jun 2019 16:58
 Operator : HP/JU
 Sample : K2241-07
 Misc : LOD-WATER-5PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:42:24 PM

Quant Time: Jun 06 08:35:44 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	8.12	152	34140	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	127356	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	88824	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	228989	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	265426	20.00	ng	-0.03
87) Perylene-d12	25.09	264	289203	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	284753	150.40	ng	0.00
7) Phenol-d6	7.25	99	393546	134.59	ng	-0.01
23) Nitrobenzene-d5	9.29	82	271261	94.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	208807	158.35	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	594564	96.40	ng	-0.02
79) Terphenyl-d14	20.08	244	1153756	92.25	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	5670	6.600	ng	93
3) Pyridine	3.93	79	12389	4.873	ng	# 88
4) n-Nitrosodimethylamine	3.86	42	6349	5.381	ng	# 94
6) Aniline	7.43	93	17597	4.509	ng	96
8) 2-Chlorophenol	7.67	128	10948	4.850	ng	92
9) Benzaldehyde	7.25	77	12358	7.085	ng	# 77
10) Phenol	7.28	94	14230	4.539	ng	93
11) bis(2-Chloroethyl)ether	7.53	93	10466	4.602	ng	91
12) 1,3-Dichlorobenzene	8.00	146	12999m	4.822	ng	
13) 1,4-Dichlorobenzene	8.15	146	13697	5.019	ng	91
14) 1,2-Dichlorobenzene	8.46	146	13478	5.087	ng	87
15) Benzyl Alcohol	8.35	79	11362	4.201	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	16834	4.530	ng	92
17) 2-Methylphenol	8.55	107	9291	4.093	ng	# 88
18) Hexachloroethane	9.20	117	4901	4.660	ng	89
19) n-Nitroso-di-n-propylamine	8.91	70	8960	3.982	ng	91
20) 3+4-Methylphenols	8.87	107	13812	4.393	ng	90
22) Acetophenone	8.94	105	19321	5.408	ng	# 93
24) Nitrobenzene	9.33	77	15534	5.313	ng	97
25) Isophorone	9.84	82	26949	4.936	ng	95
26) 2-Nitrophenol	10.05	139	5968	4.952	ng	90
27) 2,4-Dimethylphenol	10.08	122	9236	4.640	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	13499	4.581	ng	# 88
29) 2,4-Dichlorophenol	10.58	162	11308	4.474	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	14489	5.039	ng	98
31) Naphthalene	10.98	128	36231	5.299	ng	98
32) Benzoic acid	10.23	122	334	8.309	ng	# 36
33) 4-Chloroaniline	11.10	127	14649	4.617	ng	# 91
34) Hexachlorobutadiene	11.25	225	10396	4.725	ng	92
35) Caprolactam	11.85	113	3708	4.442	ng	# 85
36) 4-Chloro-3-methylphenol	12.20	107	13001	4.504	ng	# 95
37) 2-Methylnaphthalene	12.58	142	26132m	4.962	ng	
38) 1-Methylnaphthalene	12.80	142	25766	5.192	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	18770	5.243	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041075.D
 Acq On : 5 Jun 2019 16:58
 Operator : HP/JU
 Sample : K2241-07
 Misc : LOD-WATER-5PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:42:24 PM

Quant Time: Jun 06 08:35:44 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	12.90	237	5658	10.873	nq	97
43) 2,4,6-Trichlorophenol	13.18	196	10480	4.525	nq	86
44) 2,4,5-Trichlorophenol	13.26	196	12493	5.115	nq	# 88
46) 1,1'-Biphenyl	13.57	154	35096	5.338	nq	96
47) 2-Chloronaphthalene	13.63	162	28491	5.048	nq	98
48) 2-Nitroaniline	13.83	65	9233	4.560	nq	100
49) Acenaphthylene	14.47	152	44835	5.278	nq	# 93
50) Dimethylphthalate	14.19	163	37608	5.002	nq	97
51) 2,6-Dinitrotoluene	14.32	165	7656	4.723	nq	91
52) Acenaphthene	14.80	154	25441	4.943	nq	91
53) 3-Nitroaniline	14.66	138	7449	4.595	nq	# 69
54) 2,4-Dinitrophenol	14.90	184	261	8.642	nq	# 18
55) Dibenzofuran	15.14	168	46542	5.375	nq	98
56) 4-Nitrophenol	14.96	139	3268	2.939	nq	# 83
57) 2,4-Dinitrotoluene	15.10	165	11200	4.891	nq	# 90
58) Fluorene	15.78	166	35324	5.122	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	12650	5.270	nq	# 94
60) Diethylphthalate	15.54	149	37239	4.853	nq	97
61) 4-Chlorophenyl-phenylether	15.77	204	21213	4.732	nq	99
62) 4-Nitroaniline	15.81	138	8088	4.713	nq	88
63) Azobenzene	16.07	77	35178	5.044	nq	97
65) 4,6-Dinitro-2-methylphenol	15.87	198	2829	10.482	nq	87
66) n-Nitrosodiphenylamine	15.98	169	32055	4.980	nq	91
67) 4-Bromophenyl-phenylether	16.67	248	13847	4.481	nq	95
68) Hexachlorobenzene	16.78	284	14435	4.387	nq	95
69) Atrazine	16.92	200	12851	5.174	nq	95
70) Pentachlorophenol	17.14	266	4203	6.513	nq	# 85
71) Phenanthrene	17.53	178	63017	5.283	nq	98
72) Anthracene	17.62	178	62273	5.294	nq	96
73) Carbazole	17.89	167	57897	5.736	nq	99
74) Di-n-butylphthalate	18.42	149	60940	4.858	nq	100
75) Fluoranthene	19.53	202	86320	5.859	nq	95
77) Benzidine	19.71	184	33399	5.275	nq	97
78) Pyrene	19.89	202	90036m	5.218	nq	
80) Butylbenzylphthalate	20.76	149	31289	4.660	nq	98
81) Benzo(a)anthracene	21.74	228	96150	5.442	nq	97
82) 3,3'-Dichlorobenzidine	21.66	252	33171	5.338	nq	# 93
83) Chrysene	21.81	228	90083	5.328	nq	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	46426	4.912	nq	94
85) Di-n-octyl phthalate	22.85	149	82378	5.233	nq	96
86) Indeno(1,2,3-cd)pyrene	28.90	276	104000	5.021	nq	# 88
88) Benzo(b)fluoranthene	24.02	252	88803	5.063	nq	97
89) Benzo(k)fluoranthene	24.09	252	89404m	5.151	nq	
90) Benzo(a)pyrene	24.93	252	87370	5.221	nq	98
91) Dibenzo(a,h)anthracene	28.97	278	81970	4.902	nq	# 97
92) Benzo(g,h,i)perylene	30.10	276	85867	5.285	nq	94

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